

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121619\
 Data File : VN059596.D
 Acq On : 16 Dec 2019 12:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 17 04:44:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	235953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	375702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	344295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	164989	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	204914	59.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.36%	
35) Dibromofluoromethane	7.56	113	142087	60.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.88%	
50) Toluene-d8	10.08	98	572422	61.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.02%	
62) 4-Bromofluorobenzene	12.40	95	210311	61.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	167614	54.974	ug/l	98
3) Chloromethane	2.04	50	254790	52.659	ug/l	99
4) Vinyl Chloride	2.17	62	244188	53.220	ug/l	97
5) Bromomethane	2.55	94	134707	50.502	ug/l	98
6) Chloroethane	2.68	64	143570	55.675	ug/l	98
7) Trichlorofluoromethane	3.00	101	265945	52.827	ug/l	99
8) Diethyl Ether	3.38	74	89736	57.049	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.73	101	140456	55.363	ug/l	99
10) Methyl Iodide	3.92	142	185638	55.272	ug/l	100
11) Tert butyl alcohol	4.75	59	173883	276.239	ug/l	99
12) 1,1-Dichloroethene	3.71	96	134535	54.361	ug/l	97
13) Acrolein	3.58	56	99280	221.415	ug/l	99
14) Allyl chloride	4.29	41	272637	53.663	ug/l	99
15) Acrylonitrile	4.95	53	432327	283.941	ug/l	99
16) Acetone	3.79	43	503858	247.174	ug/l	99
17) Carbon Disulfide	4.02	76	421257	49.741	ug/l	100
18) Methyl Acetate	4.29	43	225806	52.864	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	497170	56.896	ug/l	98
20) Methylene Chloride	4.52	84	158114	53.706	ug/l	97
21) trans-1,2-Dichloroethene	5.00	96	153394	55.599	ug/l	100
22) Diisopropyl ether	5.92	45	538173	57.458	ug/l	99
23) Vinyl Acetate	5.86	43	2299346	312.820	ug/l	100
24) 1,1-Dichloroethane	5.82	63	301924	56.906	ug/l	100
25) 2-Butanone	6.80	43	666060	273.241	ug/l	98
26) 2,2-Dichloropropane	6.79	77	277392	57.525	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	175624	57.447	ug/l	99
28) Bromochloromethane	7.16	49	126179	56.534	ug/l	99
29) Tetrahydrofuran	7.18	42	410030	276.076	ug/l	100
30) Chloroform	7.35	83	301502	57.731	ug/l	96
31) Cyclohexane	7.63	56	275450	54.945	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	263816	56.031	ug/l	99
36) 1,1-Dichloropropene	7.77	75	229404	58.551	ug/l	99
37) Ethyl Acetate	6.90	43	258593	56.786	ug/l	100
38) Carbon Tetrachloride	7.75	117	232482	57.182	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	272021	61.208	ug/l	99
40) Benzene	8.02	78	656854	57.367	ug/l	99
41) Methacrylonitrile	7.18	41	378571	201.438	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	254808	58.110	ug/l	99
43) Isopropyl Acetate	8.14	43	412440	58.255	ug/l	99
44) Trichloroethene	8.82	130	172247	57.432	ug/l	99
45) 1,2-Dichloropropane	9.10	63	178728	57.805	ug/l	98
46) Dibromomethane	9.19	93	115798	57.165	ug/l	99
47) Bromodichloromethane	9.39	83	238617	59.083	ug/l	99
48) Methyl methacrylate	9.18	41	186628	58.101	ug/l	99
49) 1,4-Dioxane	9.18	88	59742	1297.836	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1258944	298.242	ug/l	99
52) Toluene	10.14	92	406355	57.760	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	275163	58.911	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	289942	59.054	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	159398	57.739	ug/l	99
56) Ethyl methacrylate	10.42	69	252900	61.708	ug/l	98
57) 1,3-Dichloropropane	10.70	76	282970	58.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	375161	287.826	ug/l	99
59) 2-Hexanone	10.74	43	986971	296.666	ug/l	99
60) Dibromochloromethane	10.89	129	180809	60.009	ug/l	100
61) 1,2-Dibromoethane	11.00	107	168367	57.506	ug/l	99
64) Tetrachloroethene	10.62	164	165204	51.473	ug/l	98
65) Chlorobenzene	11.43	112	424639	57.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	162294	57.355	ug/l	98
67) Ethyl Benzene	11.51	91	789785	58.733	ug/l	99
68) m/p-Xylenes	11.62	106	583796	117.569	ug/l	99
69) o-Xylene	11.94	106	278064	58.853	ug/l	100
70) Styrene	11.96	104	454426	59.862	ug/l	99
71) Bromoform	12.12	173	129128	60.708	ug/l #	99
73) Isopropylbenzene	12.25	105	758868	58.592	ug/l	99
74) N-amyl acetate	12.07	43	352871	59.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	232427	56.573	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	346102	84.738	ug/l #	100
77) Bromobenzene	12.52	156	176321	55.358	ug/l	99
78) n-propylbenzene	12.59	91	909160	59.383	ug/l	99
79) 2-Chlorotoluene	12.67	91	529724	57.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	642534	58.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	94089	56.897	ug/l	99
82) 4-Chlorotoluene	12.77	91	552906	58.331	ug/l	99
83) tert-Butylbenzene	12.99	119	535073	57.647	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	647411	59.404	ug/l	100
85) sec-Butylbenzene	13.17	105	731923	59.280	ug/l	100
86) p-Isopropyltoluene	13.29	119	672692	60.155	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	324534	55.410	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	323006	54.699	ug/l	99
89) n-Butylbenzene	13.61	91	617572	58.905	ug/l	100
90) Hexachloroethane	13.87	117	125430	59.340	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	318640	55.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56235	50.486	ug/l	99

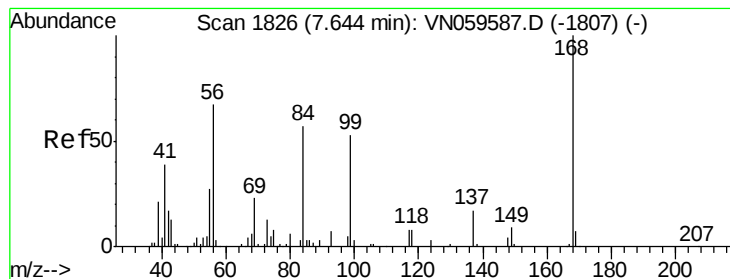
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	206078	55.251	ug/l	99
94) Hexachlorobutadiene	15.01	225	104004	53.622	ug/l	98
95) Naphthalene	15.12	128	613170	55.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	201628	53.448	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

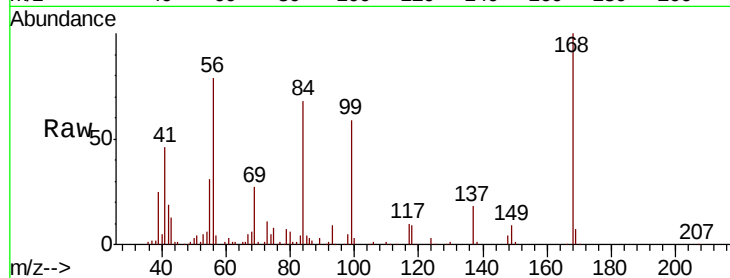
VSTDCCC050

Tgt Ion:168 Resp: 235953

Ion Ratio Lower Upper

168 100

99 58.9 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

100000

80000

60000

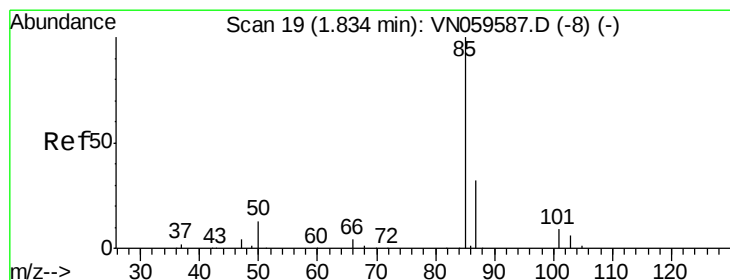
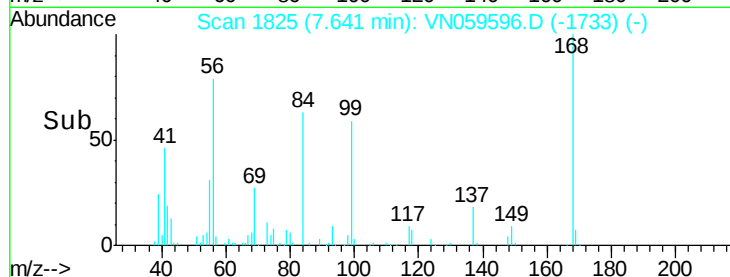
40000

20000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 54.974 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059596.D

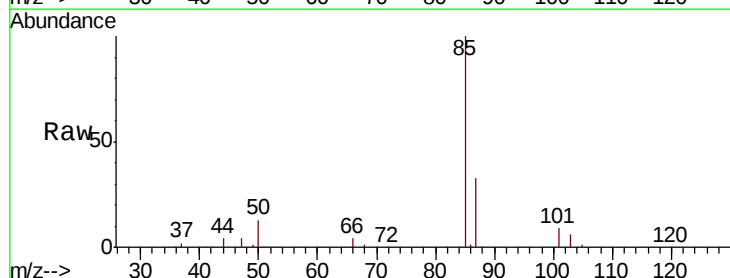
Acq: 16 Dec 2019 12:00

Tgt Ion: 85 Resp: 167614

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

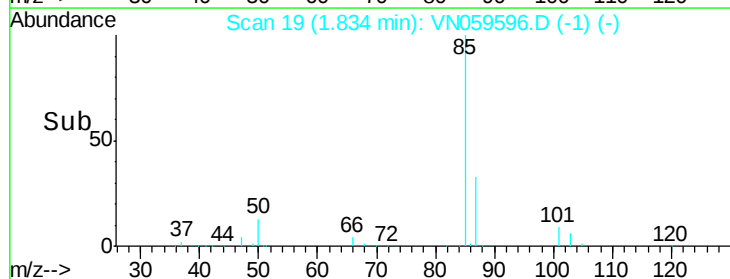
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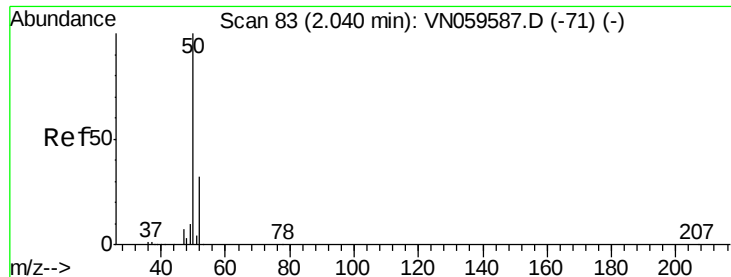
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0

1.75 1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 52.659 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

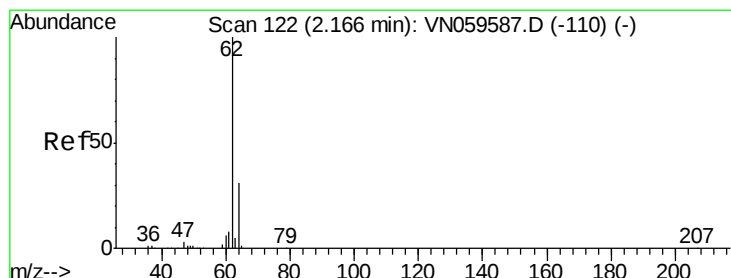
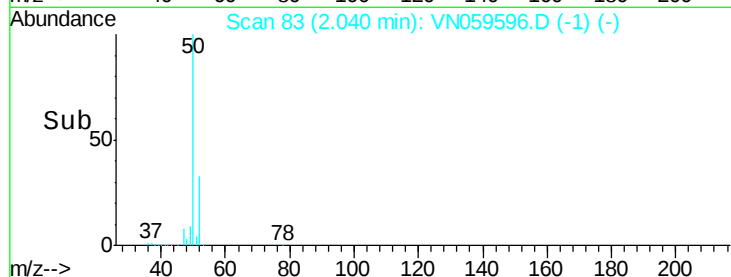
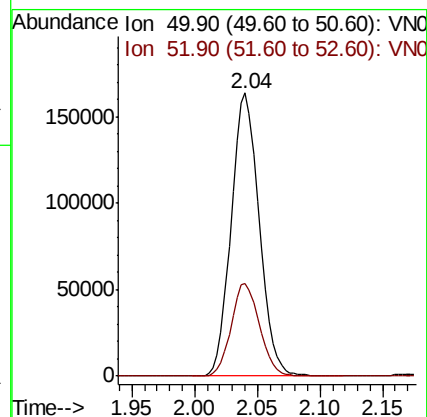
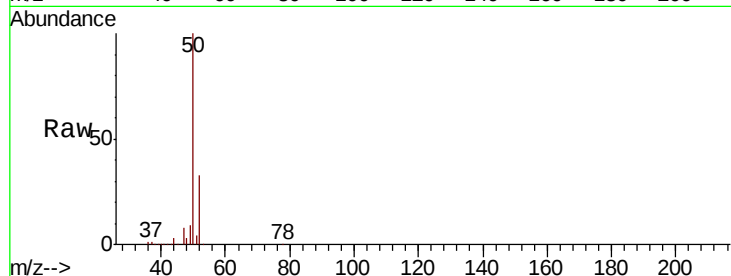
VSTDCCC050

Tgt Ion: 50 Resp: 254790

Ion Ratio Lower Upper

50 100

52 32.9 25.9 38.9



#4

Vinyl Chloride

Concen: 53.220 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059596.D

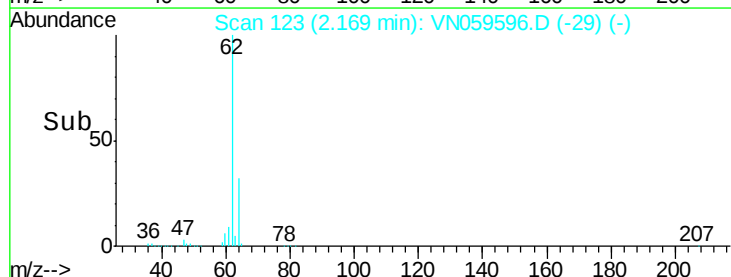
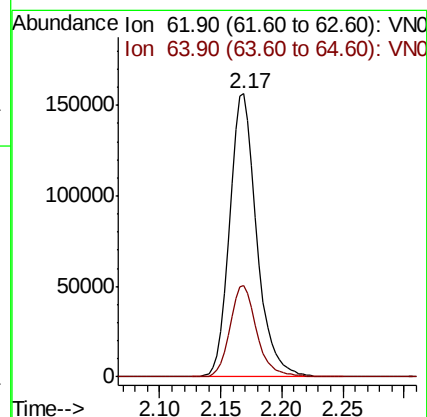
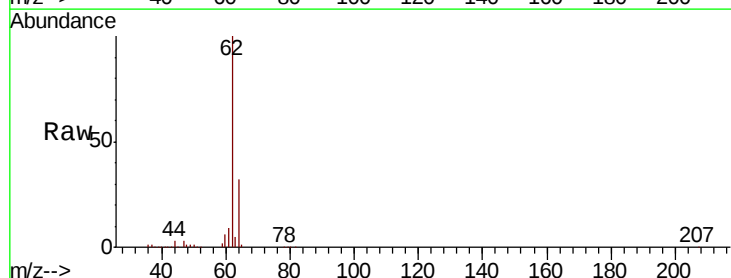
Acq: 16 Dec 2019 12:00

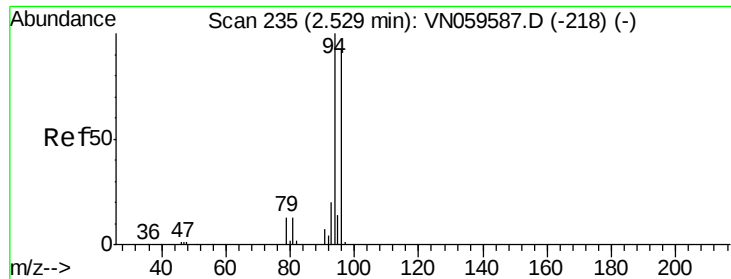
Tgt Ion: 62 Resp: 244188

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 50.502 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

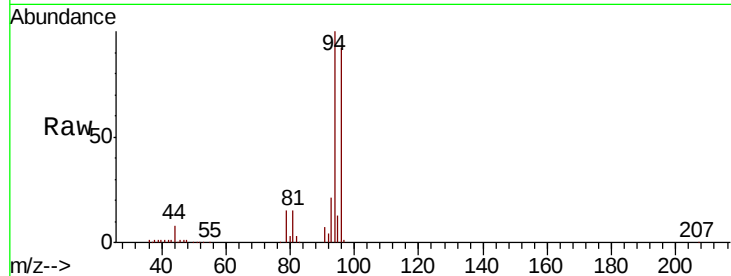
VSTDCCC050

Tgt Ion: 94 Resp: 134707

Ion Ratio Lower Upper

94 100

96 91.9 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN059587.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN059596.D (-142) (-)

2.55

60000

40000

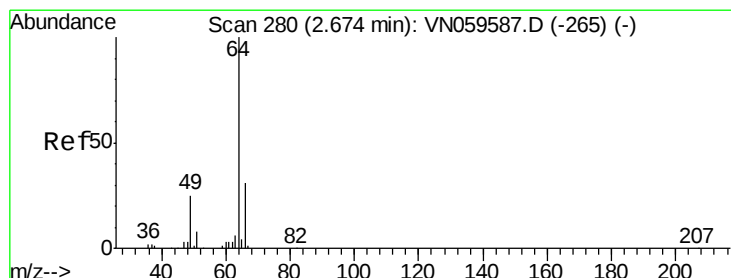
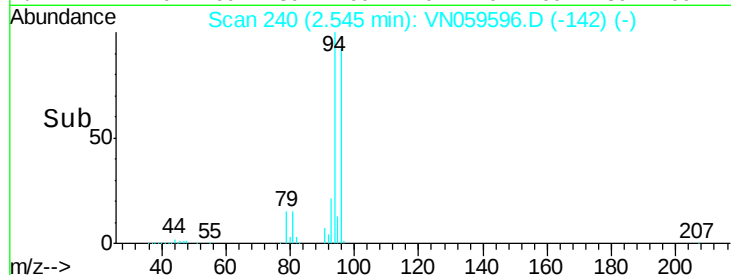
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0

Time-->

2.50

2.60



#6

Chloroethane

Concen: 55.675 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN059596.D

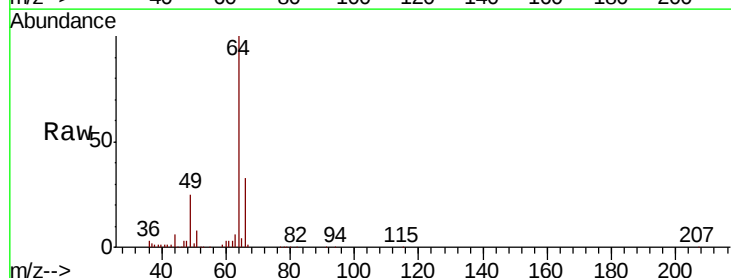
Acq: 16 Dec 2019 12:00

Tgt Ion: 64 Resp: 143570

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN059587.D (-265) (-)

Ion 65.90 (65.60 to 66.60): VN059596.D (-187) (-)

2.68

80000

60000

40000

20000

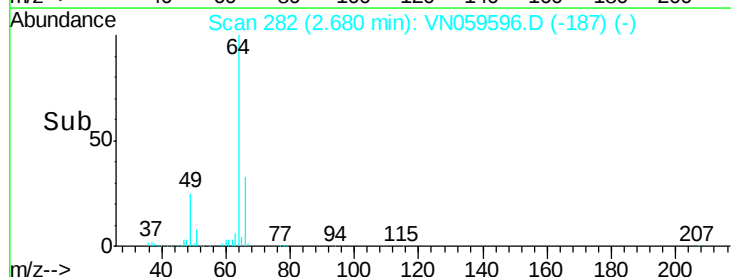
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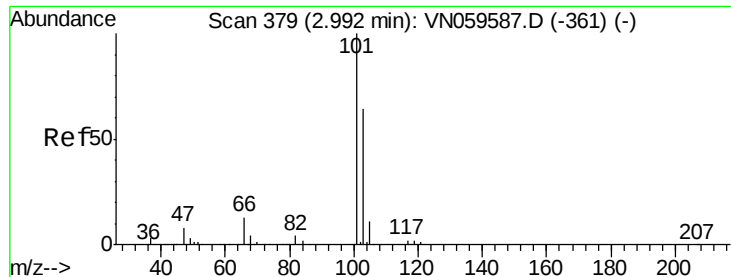
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2.60

2.70

2.80



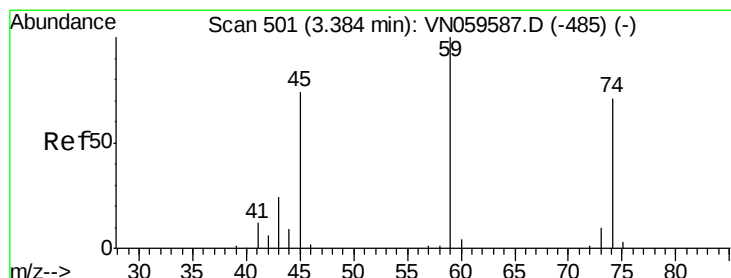
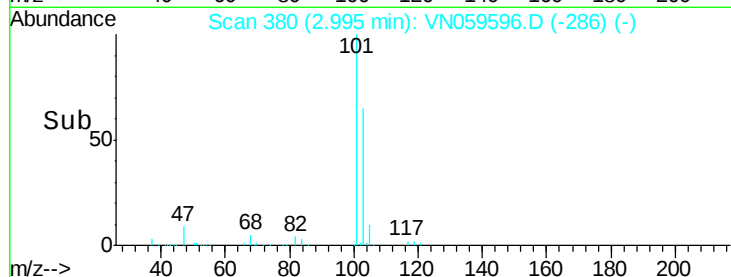
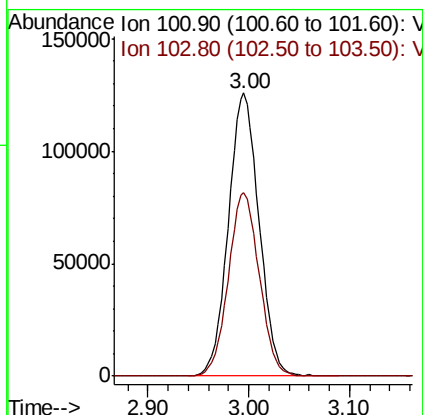
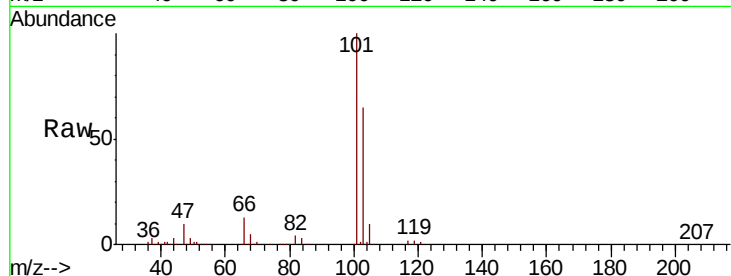


#7

Trichlorofluoromethane
 Concen: 52.827 ug/l
 RT: 3.00 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
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 VSTDCCC050

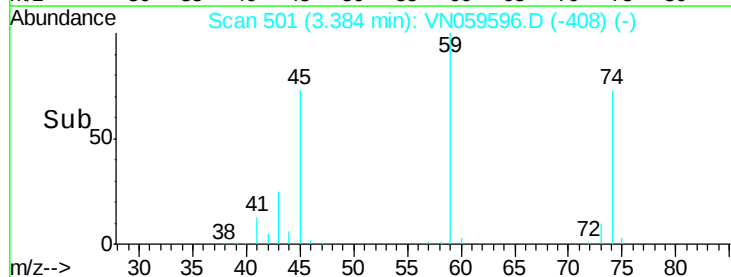
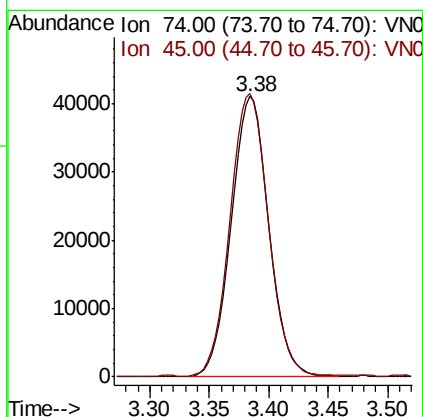
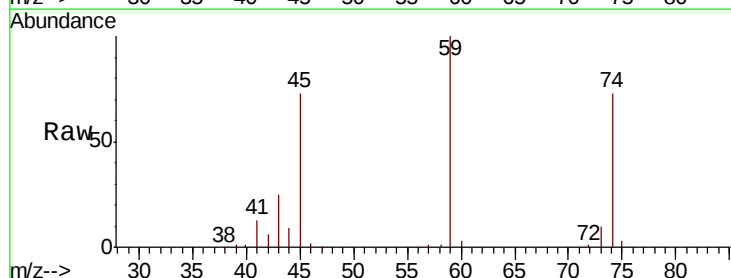
Tgt Ion:101 Resp: 265945
 Ion Ratio Lower Upper
 101 100
 103 64.8 51.0 76.6

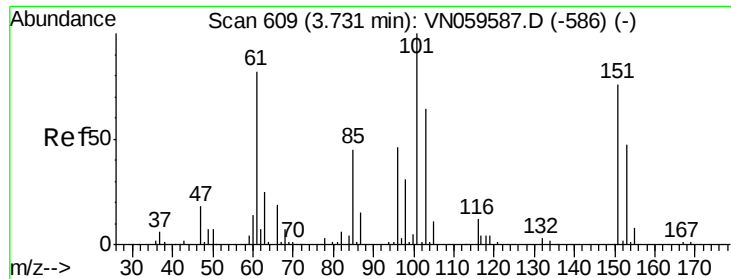


#8

Diethyl Ether
 Concen: 57.049 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 74 Resp: 89736
 Ion Ratio Lower Upper
 74 100
 45 103.9 51.9 155.8

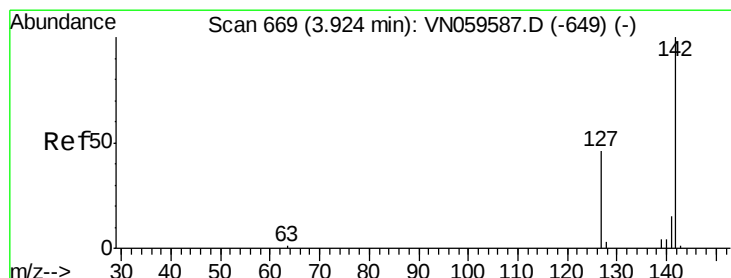
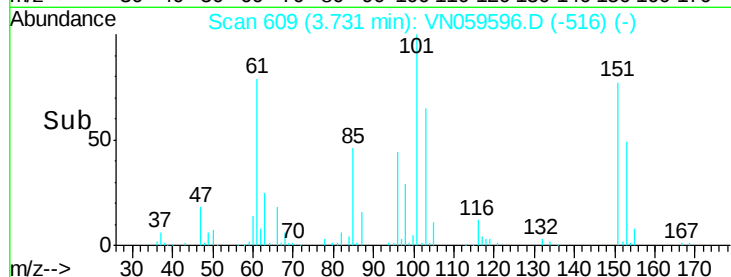
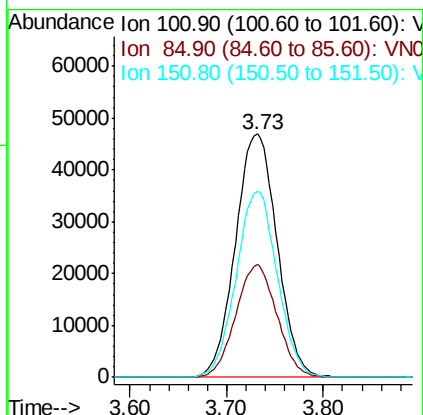
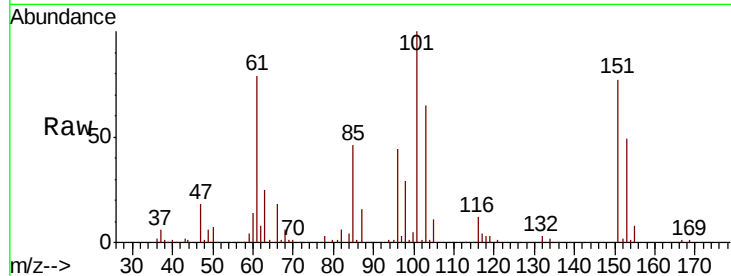




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.363 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

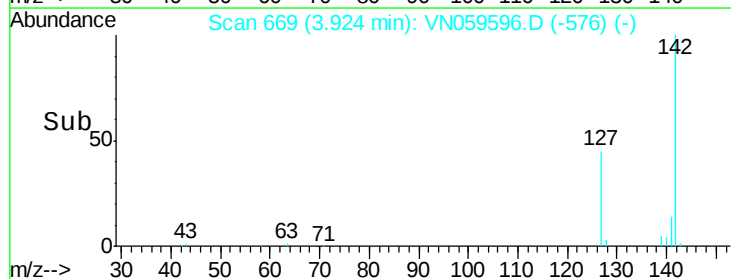
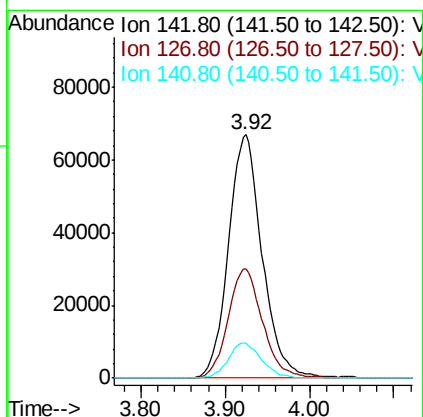
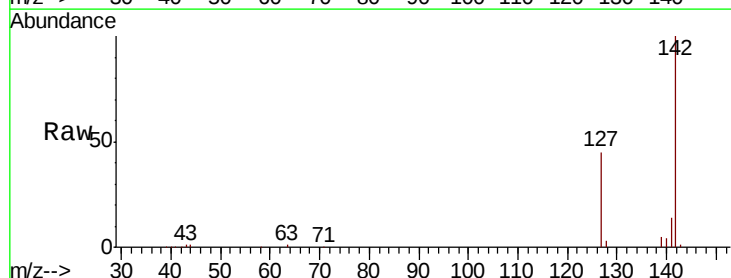
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

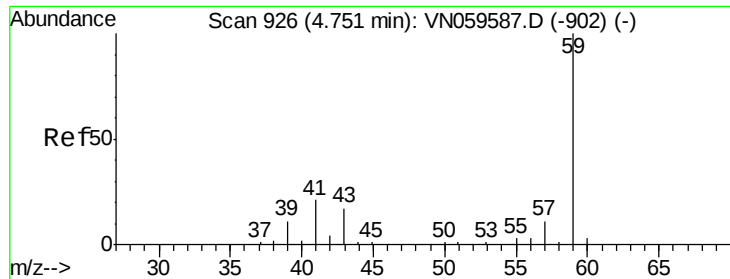
Tgt Ion:101 Resp: 140456
 Ion Ratio Lower Upper
 101 100
 85 45.6 36.6 54.8
 151 75.5 59.7 89.5



#10
 Methyl Iodide
 Concen: 55.272 ug/l
 RT: 3.92 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion:142 Resp: 185638
 Ion Ratio Lower Upper
 142 100
 127 45.8 36.7 55.1
 141 14.3 11.7 17.5

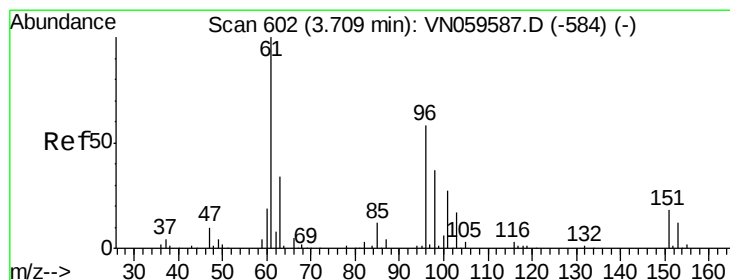
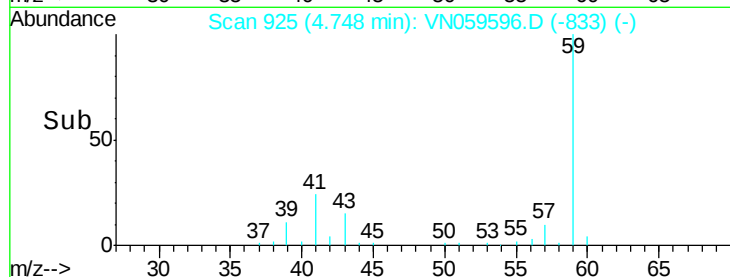
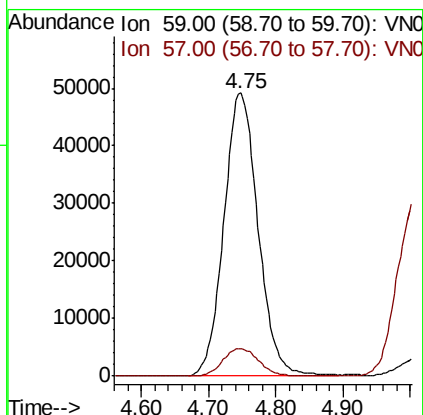
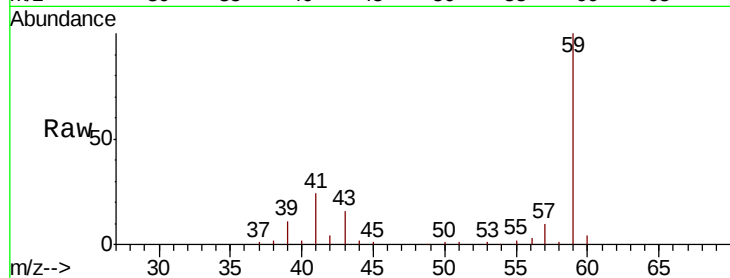




#11
Tert butyl alcohol
Concen: 276.239 ug/l
RT: 4.75 min Scan# 925
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

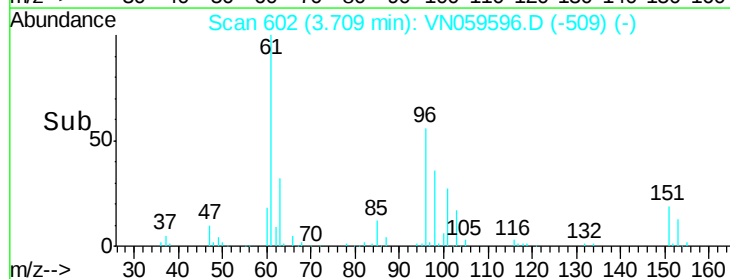
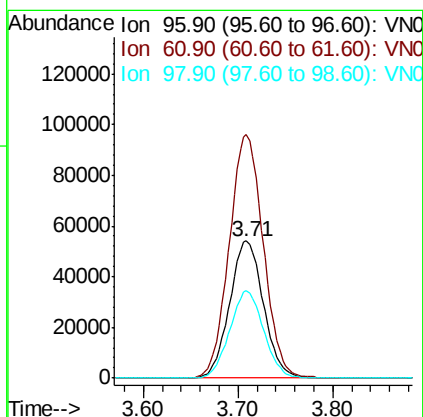
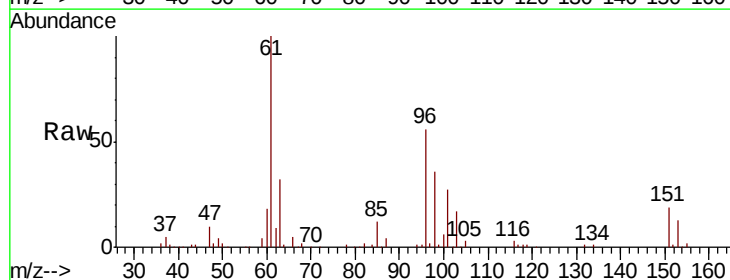
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

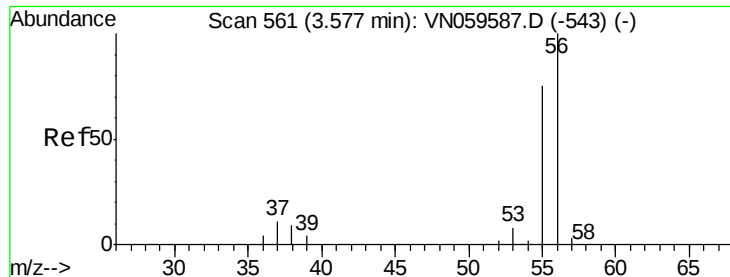
Tgt Ion: 59 Resp: 173883
Ion Ratio Lower Upper
59 100
57 10.1 8.6 12.8



#12
1,1-Dichloroethene
Concen: 54.361 ug/l
RT: 3.71 min Scan# 602
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 96 Resp: 134535
Ion Ratio Lower Upper
96 100
61 177.8 137.5 206.3
98 63.5 50.2 75.4





#13

Acrolein

Concen: 221.415 ug/l

RT: 3.58 min Scan# 561

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

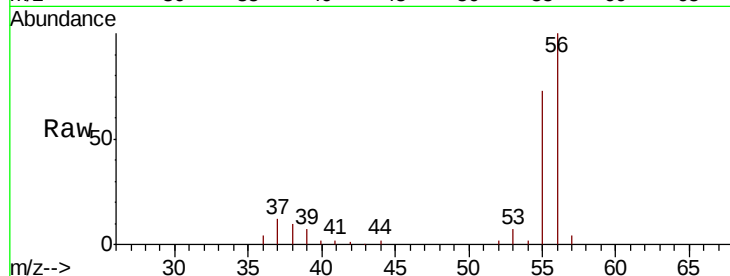
VSTDCCC050

Tgt Ion: 56 Resp: 99280

Ion Ratio Lower Upper

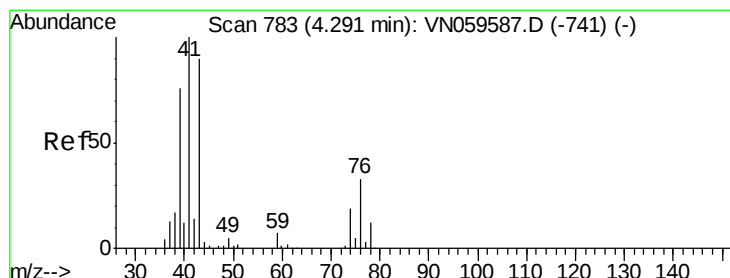
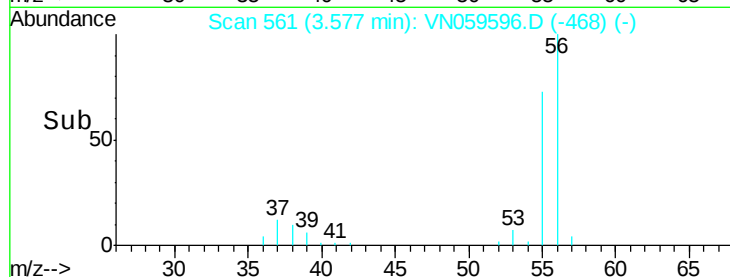
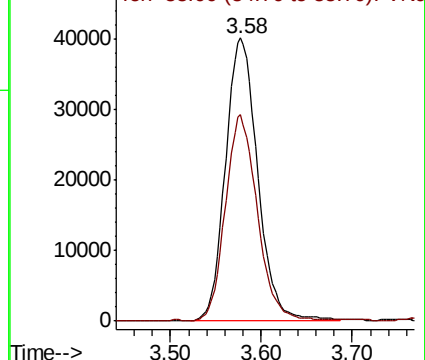
56 100

55 72.1 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 53.663 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

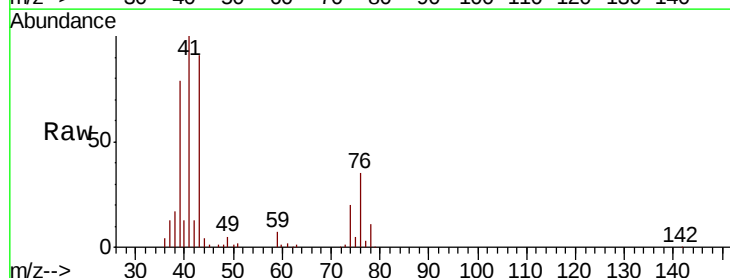
Tgt Ion: 41 Resp: 272637

Ion Ratio Lower Upper

41 100

39 73.1 57.8 86.8

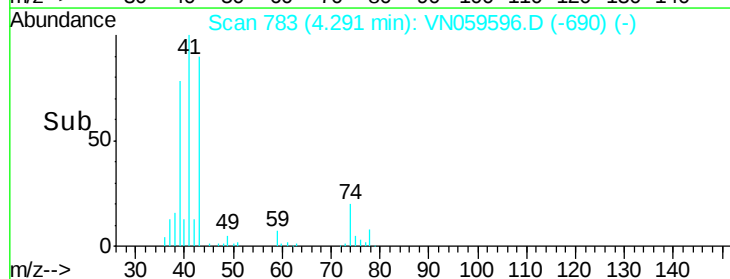
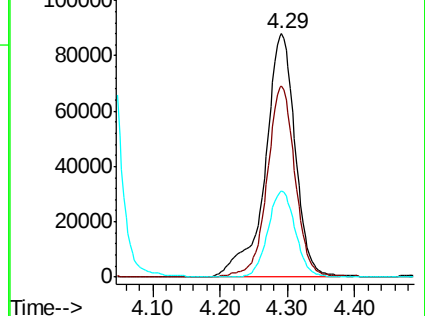
76 32.3 25.4 38.0

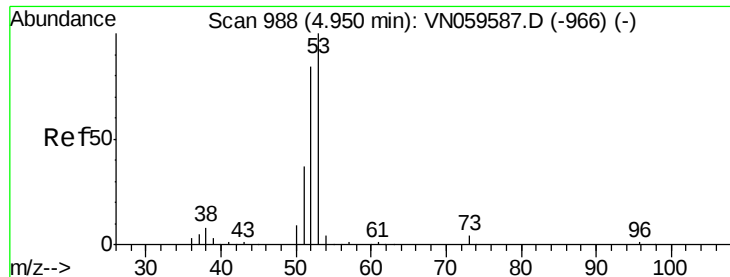


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 283.941 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

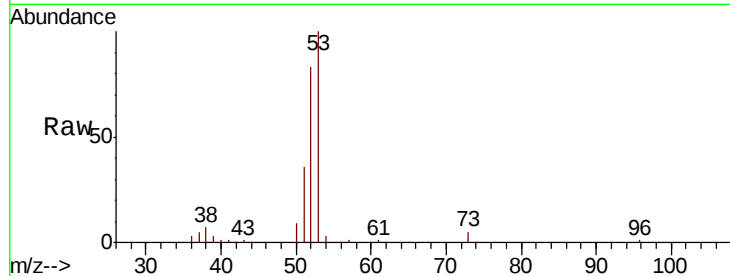
Tgt Ion: 53 Resp: 432327

Ion Ratio Lower Upper

53 100

52 81.9 66.3 99.5

51 36.4 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VN059587.D (-966) (-)

Ion 52.00 (51.70 to 52.70): VN059587.D (-966) (-)

Ion 51.00 (50.70 to 51.70): VN059587.D (-966) (-)

4.95

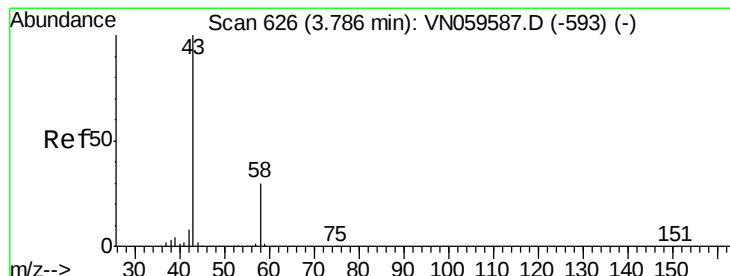
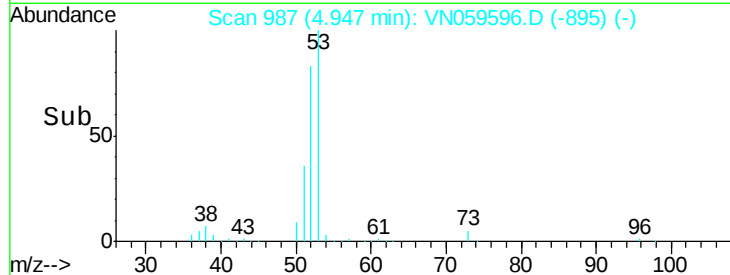
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 247.174 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.00 min

Lab File: VN059596.D

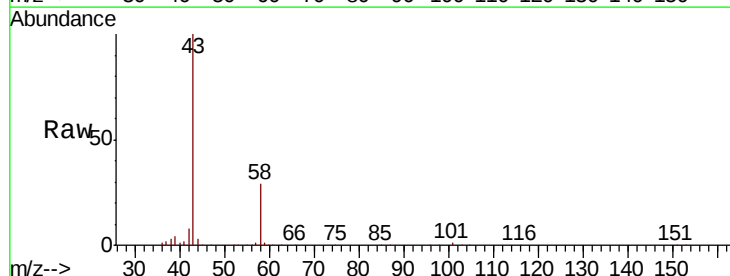
Acq: 16 Dec 2019 12:00

Tgt Ion: 43 Resp: 503858

Ion Ratio Lower Upper

43 100

58 28.9 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-593) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-593) (-)

3.79

200000

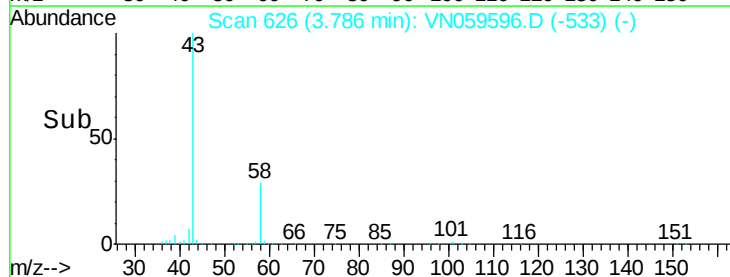
150000

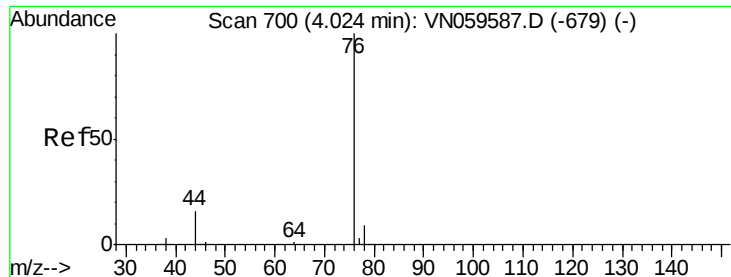
100000

50000

0

Time-->

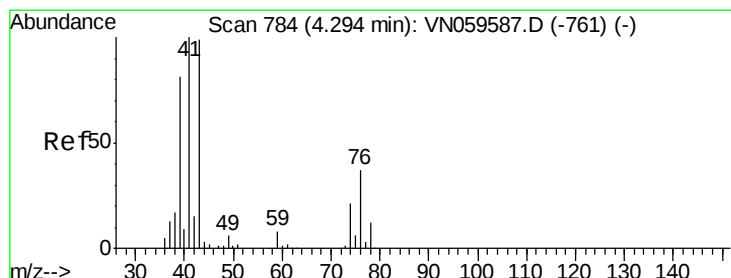
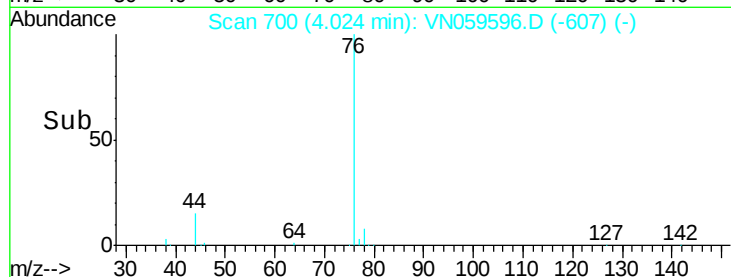
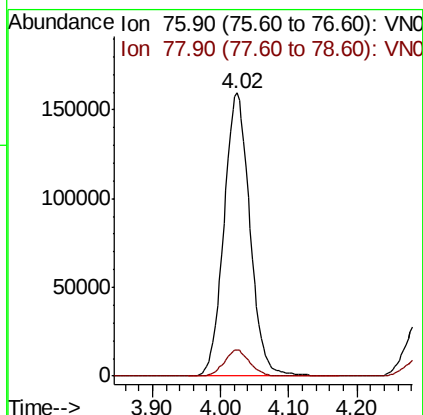
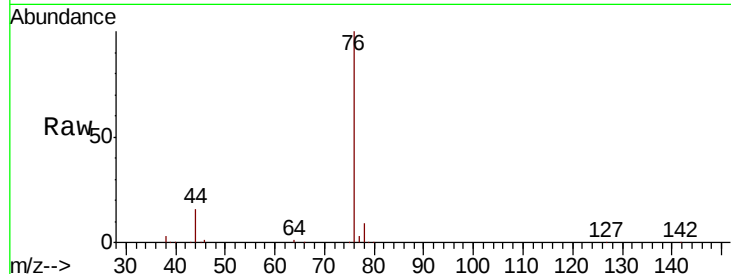




#17
Carbon Disulfide
Concen: 49.741 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

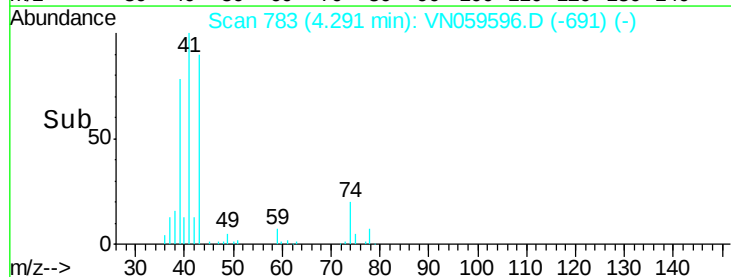
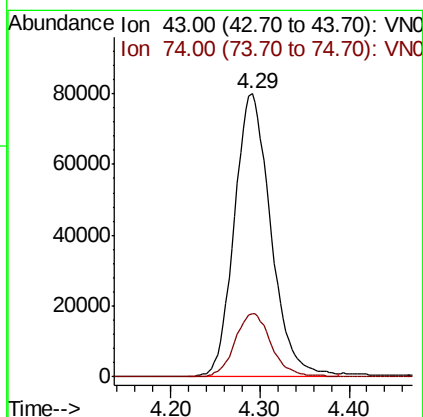
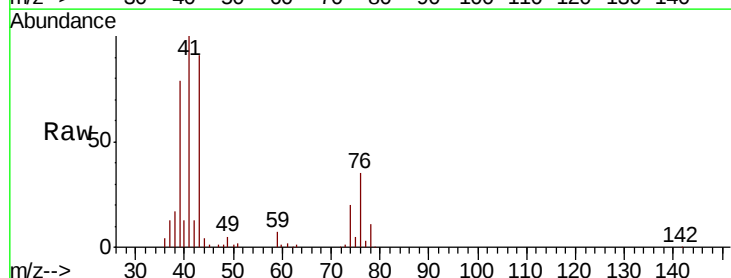
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

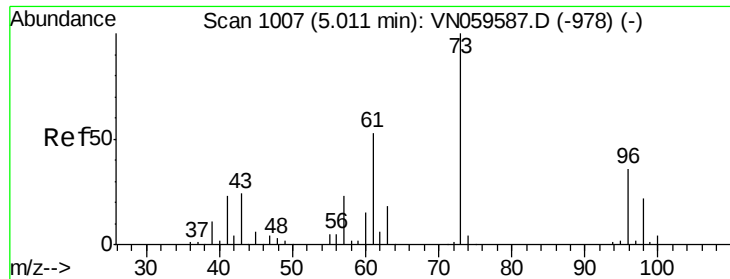
Tgt Ion: 76 Resp: 421257
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 52.864 ug/l
RT: 4.29 min Scan# 783
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 43 Resp: 225806
Ion Ratio Lower Upper
43 100
74 22.4 17.5 26.3

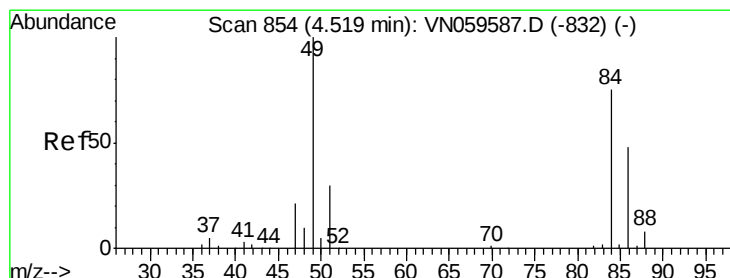
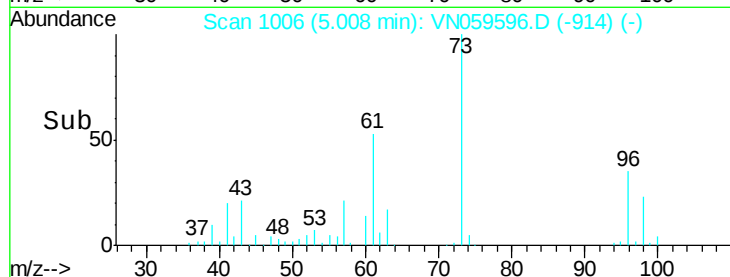
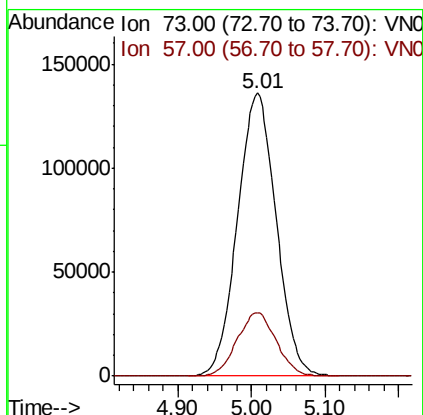
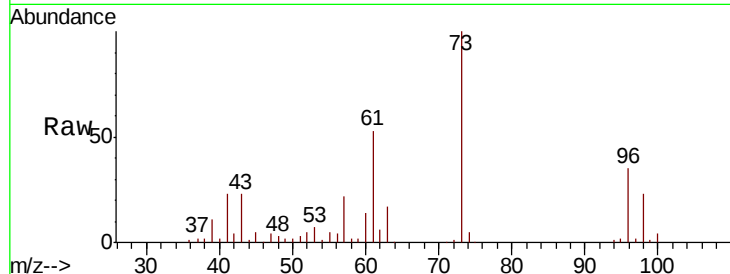




#19
Methyl tert-butyl Ether
Concen: 56.896 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

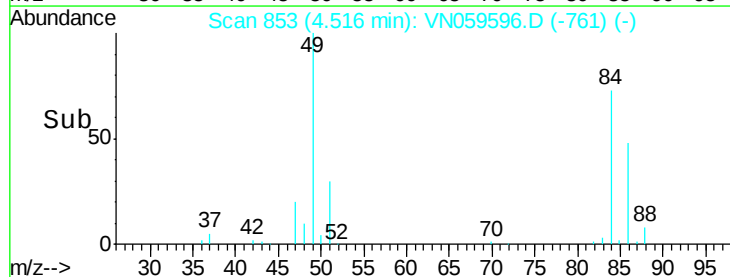
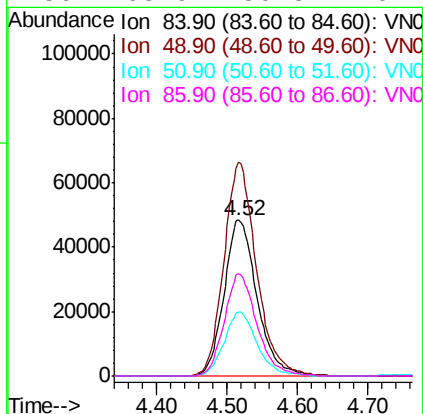
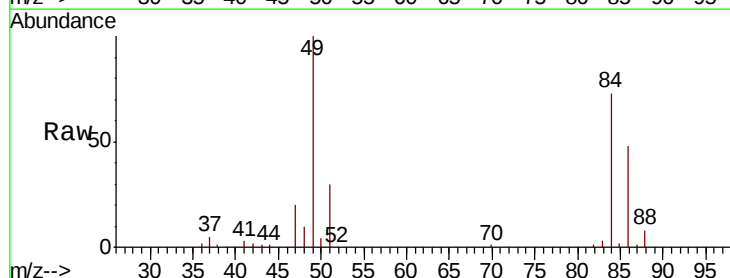
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

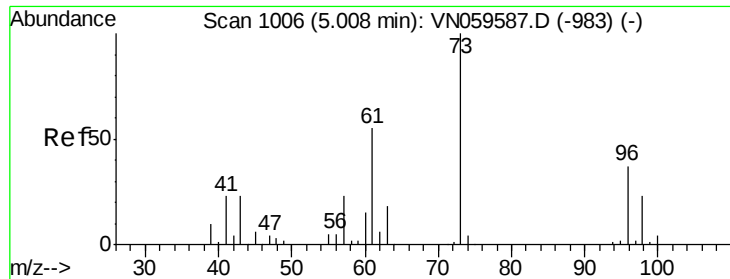
Tgt Ion: 73 Resp: 497170
Ion Ratio Lower Upper
73 100
57 22.4 18.6 27.8



#20
Methylene Chloride
Concen: 53.706 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 84 Resp: 158114
Ion Ratio Lower Upper
84 100
49 136.8 106.6 160.0
51 41.3 31.9 47.9
86 65.9 50.8 76.2

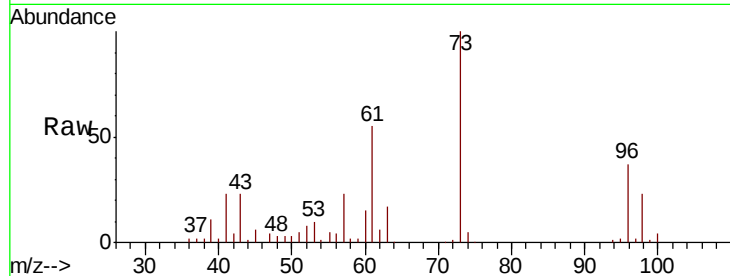




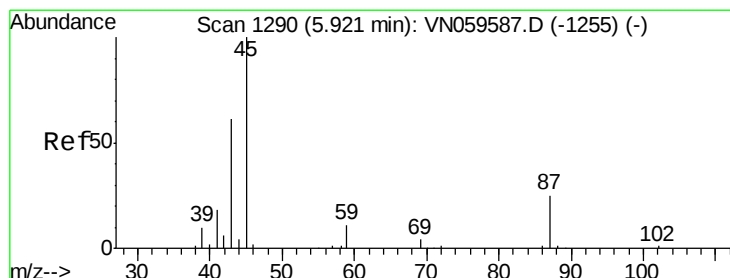
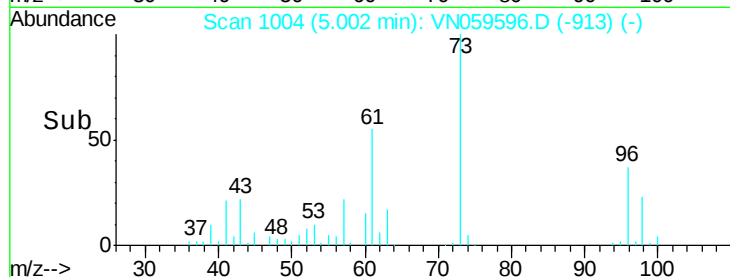
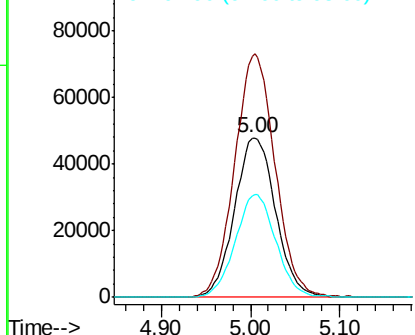
#21
trans-1,2-Dichloroethene
Concen: 55.599 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.01 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 153394
Ion Ratio Lower Upper
96 100
61 150.9 120.4 180.6
98 63.4 50.6 75.8

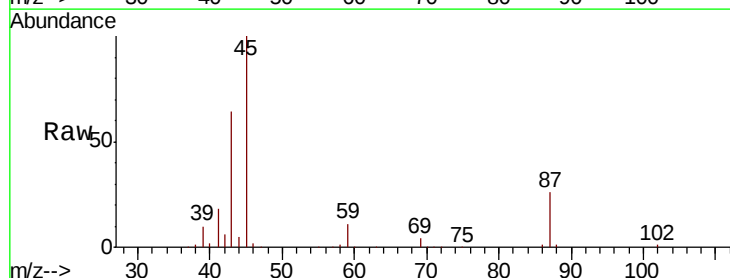


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

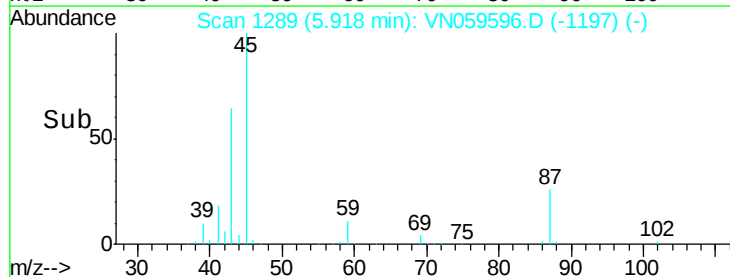
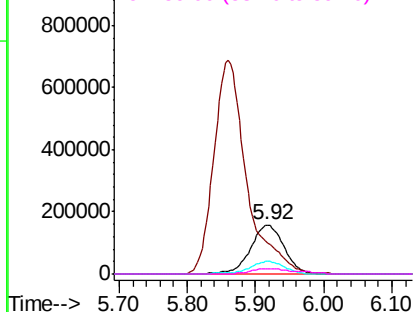


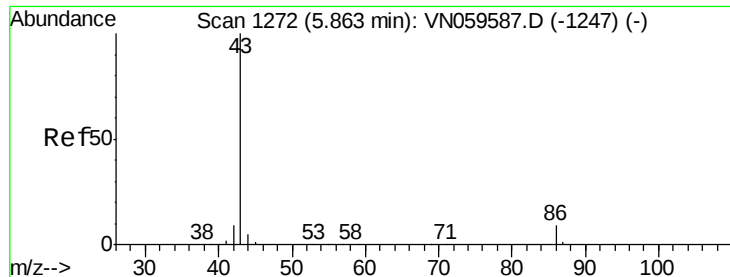
#22
Diisopropyl ether
Concen: 57.458 ug/l
RT: 5.92 min Scan# 1289
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 45 Resp: 538173
Ion Ratio Lower Upper
45 100
43 62.6 50.8 76.2
87 25.6 21.0 31.6
59 11.1 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

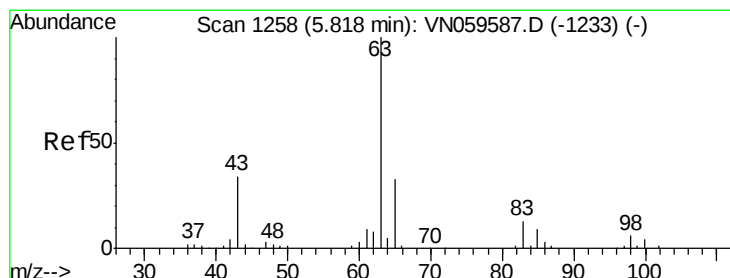
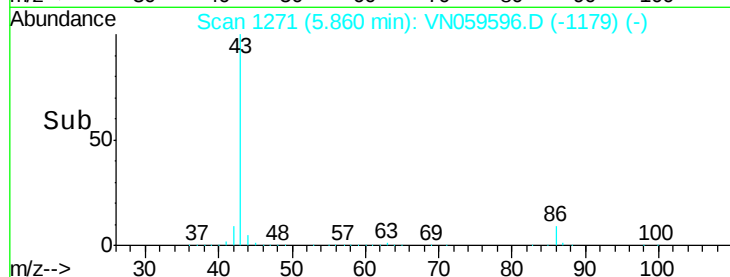
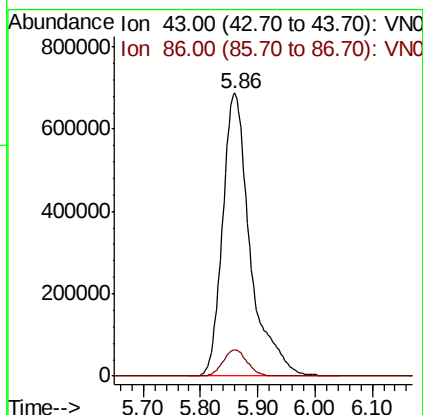
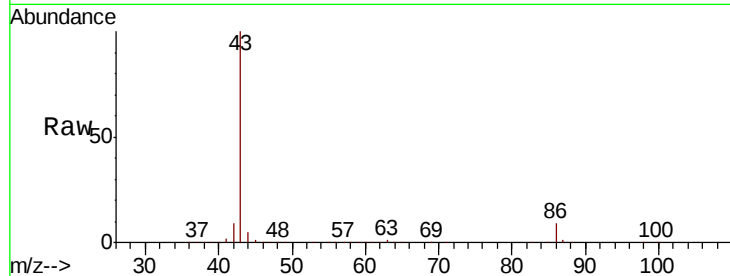




#23
 Vinyl Acetate
 Concen: 312.820 ug/l
 RT: 5.86 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

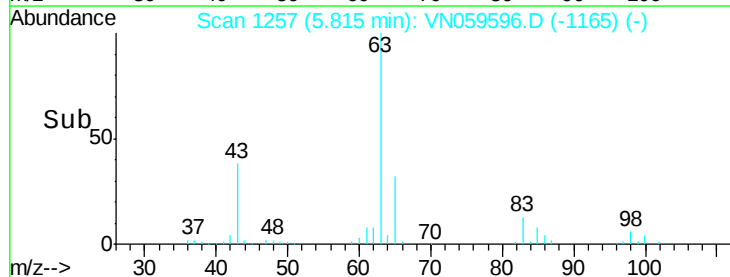
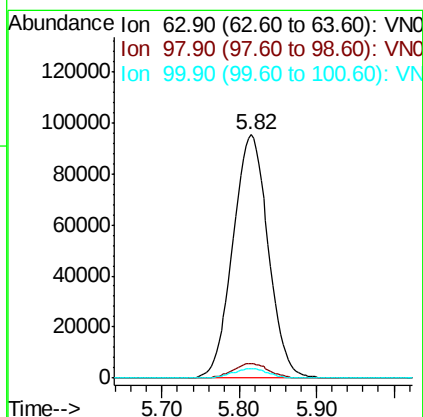
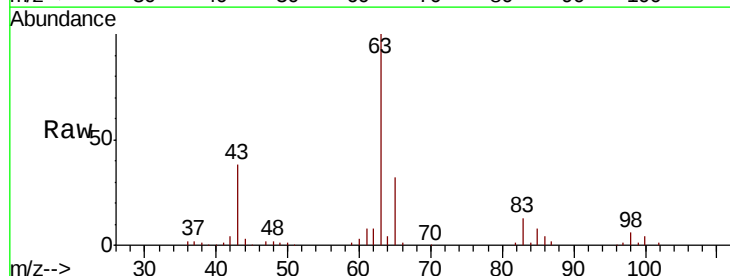
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

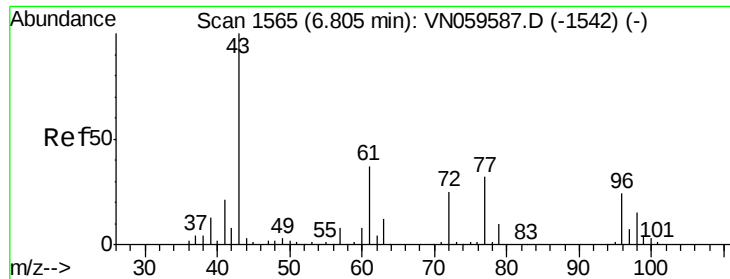
Tgt Ion: 43 Resp: 2299346
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 56.906 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 63 Resp: 301924
 Ion Ratio Lower Upper
 63 100
 98 5.9 2.9 8.7
 100 4.0 2.0 6.0





#25

2-Butanone

Concen: 273.241 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampled :

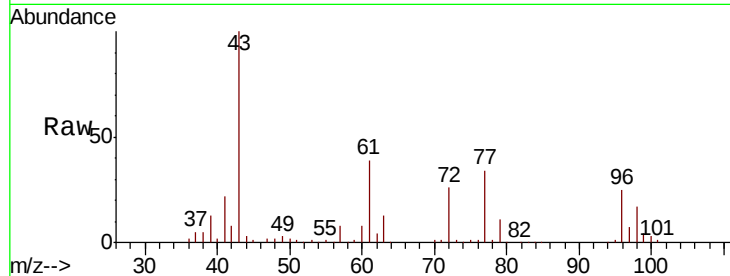
VSTDCCC050

Tgt Ion: 43 Resp: 666060

Ion Ratio Lower Upper

43 100

72 25.7 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1542) (-)

Ion 72.00 (71.70 to 72.70): VN059587.D (-1542) (-)

6.80

250000

200000

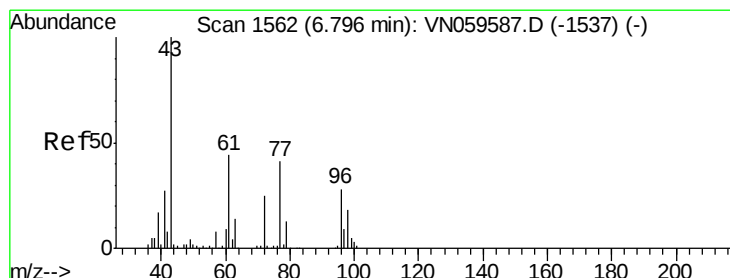
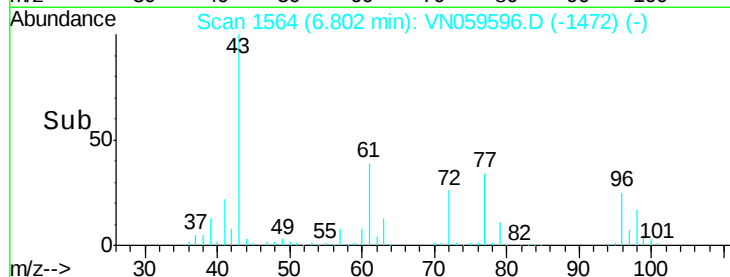
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 57.525 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059596.D

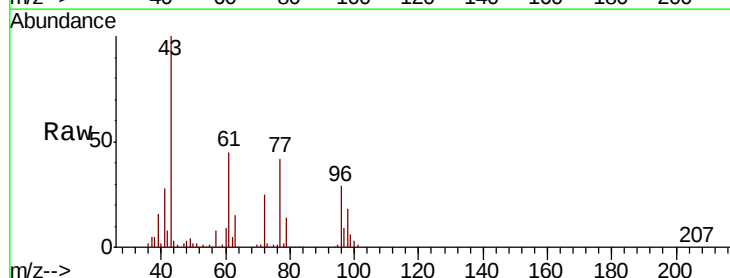
Acq: 16 Dec 2019 12:00

Tgt Ion: 77 Resp: 277392

Ion Ratio Lower Upper

77 100

97 21.3 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN059587.D (-1537) (-)

Ion 96.90 (96.60 to 97.60): VN059587.D (-1537) (-)

6.79

100000

80000

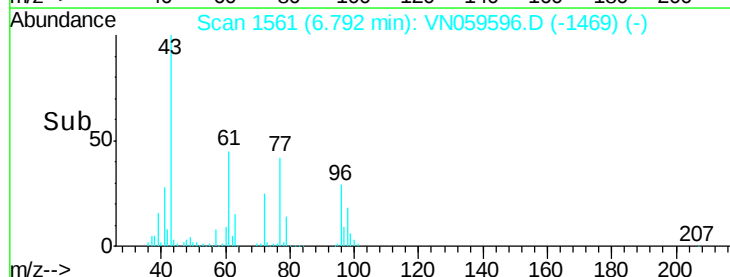
60000

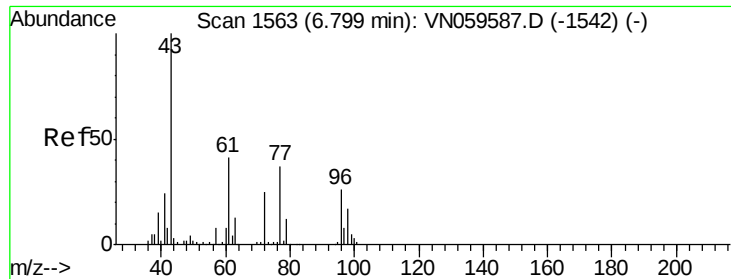
40000

20000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 57.447 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

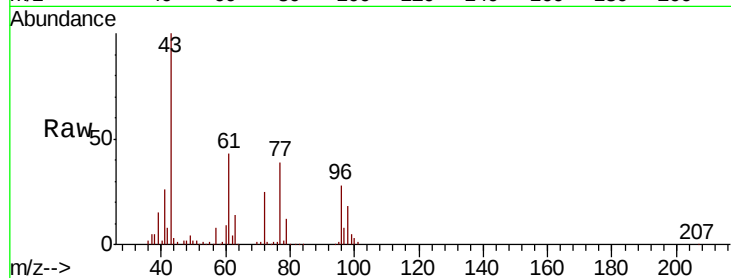
Tgt Ion: 96 Resp: 175624

Ion Ratio Lower Upper

96 100

61 158.9 0.0 317.6

98 65.0 0.0 127.0



Abundance Ion 95.90 (95.60 to 96.60): VN059587.D (-1542) (-)

Ion 60.90 (60.60 to 61.60): VN059587.D (-1542) (-)

Ion 97.90 (97.60 to 98.60): VN059587.D (-1542) (-)

Ion 127.90 (127.60 to 128.60): VN059587.D (-1542) (-)

Ion 158.90 (158.60 to 159.60): VN059587.D (-1542) (-)

Ion 175.62 (175.32 to 175.92): VN059587.D (-1542) (-)

Ion 196.62 (196.32 to 196.92): VN059587.D (-1542) (-)

Ion 217.62 (217.32 to 217.92): VN059587.D (-1542) (-)

Ion 238.62 (238.32 to 238.92): VN059587.D (-1542) (-)

Ion 259.62 (259.32 to 259.92): VN059587.D (-1542) (-)

Ion 280.62 (280.32 to 280.92): VN059587.D (-1542) (-)

Ion 301.62 (301.32 to 301.92): VN059587.D (-1542) (-)

Ion 322.62 (322.32 to 322.92): VN059587.D (-1542) (-)

Ion 343.62 (343.32 to 343.92): VN059587.D (-1542) (-)

Ion 364.62 (364.32 to 364.92): VN059587.D (-1542) (-)

Ion 385.62 (385.32 to 385.92): VN059587.D (-1542) (-)

Ion 406.62 (406.32 to 406.92): VN059587.D (-1542) (-)

Ion 427.62 (427.32 to 427.92): VN059587.D (-1542) (-)

Ion 448.62 (448.32 to 448.92): VN059587.D (-1542) (-)

Ion 469.62 (469.32 to 469.92): VN059587.D (-1542) (-)

Ion 490.62 (490.32 to 490.92): VN059587.D (-1542) (-)

Ion 511.62 (511.32 to 511.92): VN059587.D (-1542) (-)

Ion 532.62 (532.32 to 532.92): VN059587.D (-1542) (-)

Ion 553.62 (553.32 to 553.92): VN059587.D (-1542) (-)

Ion 574.62 (574.32 to 574.92): VN059587.D (-1542) (-)

Ion 595.62 (595.32 to 595.92): VN059587.D (-1542) (-)

Ion 616.62 (616.32 to 616.92): VN059587.D (-1542) (-)

Ion 637.62 (637.32 to 637.92): VN059587.D (-1542) (-)

Ion 658.62 (658.32 to 658.92): VN059587.D (-1542) (-)

Ion 679.62 (679.32 to 679.92): VN059587.D (-1542) (-)

Ion 700.62 (700.32 to 700.92): VN059587.D (-1542) (-)

Ion 721.62 (721.32 to 721.92): VN059587.D (-1542) (-)

Ion 742.62 (742.32 to 742.92): VN059587.D (-1542) (-)

Ion 763.62 (763.32 to 763.92): VN059587.D (-1542) (-)

Ion 784.62 (784.32 to 784.92): VN059587.D (-1542) (-)

Ion 805.62 (805.32 to 805.92): VN059587.D (-1542) (-)

Ion 826.62 (826.32 to 826.92): VN059587.D (-1542) (-)

Ion 847.62 (847.32 to 847.92): VN059587.D (-1542) (-)

Ion 868.62 (868.32 to 868.92): VN059587.D (-1542) (-)

Ion 889.62 (889.32 to 889.92): VN059587.D (-1542) (-)

Ion 910.62 (910.32 to 910.92): VN059587.D (-1542) (-)

Ion 931.62 (931.32 to 931.92): VN059587.D (-1542) (-)

Ion 952.62 (952.32 to 952.92): VN059587.D (-1542) (-)

Ion 973.62 (973.32 to 973.92): VN059587.D (-1542) (-)

Ion 994.62 (994.32 to 994.92): VN059587.D (-1542) (-)

Ion 1015.62 (1015.32 to 1015.92): VN059587.D (-1542) (-)

Ion 1036.62 (1036.32 to 1036.92): VN059587.D (-1542) (-)

Ion 1057.62 (1057.32 to 1057.92): VN059587.D (-1542) (-)

Ion 1078.62 (1078.32 to 1078.92): VN059587.D (-1542) (-)

Ion 1099.62 (1099.32 to 1099.92): VN059587.D (-1542) (-)

Ion 1120.62 (1120.32 to 1120.92): VN059587.D (-1542) (-)

Ion 1141.62 (1141.32 to 1141.92): VN059587.D (-1542) (-)

Ion 1162.62 (1162.32 to 1162.92): VN059587.D (-1542) (-)

Ion 1183.62 (1183.32 to 1183.92): VN059587.D (-1542) (-)

Ion 1204.62 (1204.32 to 1204.92): VN059587.D (-1542) (-)

Ion 1225.62 (1225.32 to 1225.92): VN059587.D (-1542) (-)

Ion 1246.62 (1246.32 to 1246.92): VN059587.D (-1542) (-)

Ion 1267.62 (1267.32 to 1267.92): VN059587.D (-1542) (-)

Ion 1288.62 (1288.32 to 1288.92): VN059587.D (-1542) (-)

Ion 1309.62 (1309.32 to 1309.92): VN059587.D (-1542) (-)

Ion 1330.62 (1330.32 to 1330.92): VN059587.D (-1542) (-)

Ion 1351.62 (1351.32 to 1351.92): VN059587.D (-1542) (-)

Ion 1372.62 (1372.32 to 1372.92): VN059587.D (-1542) (-)

Ion 1393.62 (1393.32 to 1393.92): VN059587.D (-1542) (-)

Ion 1414.62 (1414.32 to 1414.92): VN059587.D (-1542) (-)

Ion 1435.62 (1435.32 to 1435.92): VN059587.D (-1542) (-)

Ion 1456.62 (1456.32 to 1456.92): VN059587.D (-1542) (-)

Ion 1477.62 (1477.32 to 1477.92): VN059587.D (-1542) (-)

Ion 1498.62 (1498.32 to 1498.92): VN059587.D (-1542) (-)

Ion 1519.62 (1519.32 to 1519.92): VN059587.D (-1542) (-)

Ion 1540.62 (1540.32 to 1540.92): VN059587.D (-1542) (-)

Ion 1561.62 (1561.32 to 1561.92): VN059587.D (-1542) (-)

Ion 1582.62 (1582.32 to 1582.92): VN059587.D (-1542) (-)

Ion 1603.62 (1603.32 to 1603.92): VN059587.D (-1542) (-)

Ion 1624.62 (1624.32 to 1624.92): VN059587.D (-1542) (-)

Ion 1645.62 (1645.32 to 1645.92): VN059587.D (-1542) (-)

Ion 1666.62 (1666.32 to 1666.92): VN059587.D (-1542) (-)

Ion 1687.62 (1687.32 to 1687.92): VN059587.D (-1542) (-)

Ion 1708.62 (1708.32 to 1708.92): VN059587.D (-1542) (-)

Ion 1729.62 (1729.32 to 1729.92): VN059587.D (-1542) (-)

Ion 1750.62 (1750.32 to 1750.92): VN059587.D (-1542) (-)

Ion 1771.62 (1771.32 to 1771.92): VN059587.D (-1542) (-)

Ion 1792.62 (1792.32 to 1792.92): VN059587.D (-1542) (-)

Ion 1813.62 (1813.32 to 1813.92): VN059587.D (-1542) (-)

Ion 1834.62 (1834.32 to 1834.92): VN059587.D (-1542) (-)

Ion 1855.62 (1855.32 to 1855.92): VN059587.D (-1542) (-)

Ion 1876.62 (1876.32 to 1876.92): VN059587.D (-1542) (-)

Ion 1897.62 (1897.32 to 1897.92): VN059587.D (-1542) (-)

Ion 1918.62 (1918.32 to 1918.92): VN059587.D (-1542) (-)

Ion 1939.62 (1939.32 to 1939.92): VN059587.D (-1542) (-)

Ion 1960.62 (1960.32 to 1960.92): VN059587.D (-1542) (-)

Ion 1981.62 (1981.32 to 1981.92): VN059587.D (-1542) (-)

Ion 2002.62 (2002.32 to 2002.92): VN059587.D (-1542) (-)

Ion 2023.62 (2023.32 to 2023.92): VN059587.D (-1542) (-)

Ion 2044.62 (2044.32 to 2044.92): VN059587.D (-1542) (-)

Ion 2065.62 (2065.32 to 2065.92): VN059587.D (-1542) (-)

Ion 2086.62 (2086.32 to 2086.92): VN059587.D (-1542) (-)

Ion 2107.62 (2107.32 to 2107.92): VN059587.D (-1542) (-)

Ion 2128.62 (2128.32 to 2128.92): VN059587.D (-1542) (-)

Ion 2149.62 (2149.32 to 2149.92): VN059587.D (-1542) (-)

Ion 2170.62 (2170.32 to 2170.92): VN059587.D (-1542) (-)

Ion 2191.62 (2191.32 to 2191.92): VN059587.D (-1542) (-)

Ion 2212.62 (2212.32 to 2212.92): VN059587.D (-1542) (-)

Ion 2233.62 (2233.32 to 2233.92): VN059587.D (-1542) (-)

Ion 2254.62 (2254.32 to 2254.92): VN059587.D (-1542) (-)

Ion 2275.62 (2275.32 to 2275.92): VN059587.D (-1542) (-)

Ion 2296.62 (2296.32 to 2296.92): VN059587.D (-1542) (-)

Ion 2317.62 (2317.32 to 2317.92): VN059587.D (-1542) (-)

Ion 2338.62 (2338.32 to 2338.92): VN059587.D (-1542) (-)

Ion 2359.62 (2359.32 to 2359.92): VN059587.D (-1542) (-)

Ion 2380.62 (2380.32 to 2380.92): VN059587.D (-1542) (-)

Ion 2401.62 (2401.32 to 2401.92): VN059587.D (-1542) (-)

Ion 2422.62 (2422.32 to 2422.92): VN059587.D (-1542) (-)

Ion 2443.62 (2443.32 to 2443.92): VN059587.D (-1542) (-)

Ion 2464.62 (2464.32 to 2464.92): VN059587.D (-1542) (-)

Ion 2485.62 (2485.32 to 2485.92): VN059587.D (-1542) (-)

Ion 2506.62 (2506.32 to 2506.92): VN059587.D (-1542) (-)

Ion 2527.62 (2527.32 to 2527.92): VN059587.D (-1542) (-)

Ion 2548.62 (2548.32 to 2548.92): VN059587.D (-1542) (-)

Ion 2569.62 (2569.32 to 2569.92): VN059587.D (-1542) (-)

Ion 2590.62 (2590.32 to 2590.92): VN059587.D (-1542) (-)

Ion 2611.62 (2611.32 to 2611.92): VN059587.D (-1542) (-)

Ion 2632.62 (2632.32 to 2632.92): VN059587.D (-1542) (-)

Ion 2653.62 (2653.32 to 2653.92): VN059587.D (-1542) (-)

Ion 2674.62 (2674.32 to 2674.92): VN059587.D (-1542) (-)

Ion 2695.62 (2695.32 to 2695.92): VN059587.D (-1542) (-)

Ion 2716.62 (2716.32 to 2716.92): VN059587.D (-1542) (-)

Ion 2737.62 (2737.32 to 2737.92): VN059587.D (-1542) (-)

Ion 2758.62 (2758.32 to 2758.92): VN059587.D (-1542) (-)

Ion 2779.62 (2779.32 to 2779.92): VN059587.D (-1542) (-)

Ion 2800.62 (2800.32 to 2800.92): VN059587.D (-1542) (-)

Ion 2821.62 (2821.32 to 2821.92): VN059587.D (-1542) (-)

Ion 2842.62 (2842.32 to 2842.92): VN059587.D (-1542) (-)

Ion 2863.62 (2863.32 to 2863.92): VN059587.D (-1542) (-)

Ion 2884.62 (2884.32 to 2884.92): VN059587.D (-1542) (-)

Ion 2905.62 (2905.32 to 2905.92): VN059587.D (-1542) (-)

Ion 2926.62 (2926.32 to 2926.92): VN059587.D (-1542) (-)

Ion 2947.62 (2947.32 to 2947.92): VN059587.D (-1542) (-)

Ion 2968.62 (2968.32 to 2968.92): VN059587.D (-1542) (-)

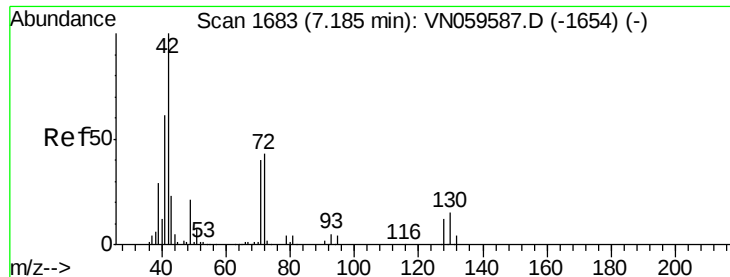
Ion 2989.62 (2989.32 to 2989.92): VN059587.D (-1542) (-)

Ion 3010.62 (3010.32 to 3010.92): VN059587.D (-1542) (-)

Ion 3031.62 (3031.32 to 3031.92): VN059587.D (-1542) (-)

Ion 3052.62 (3052.32 to 3052.92): VN059587.D (-1542) (-)

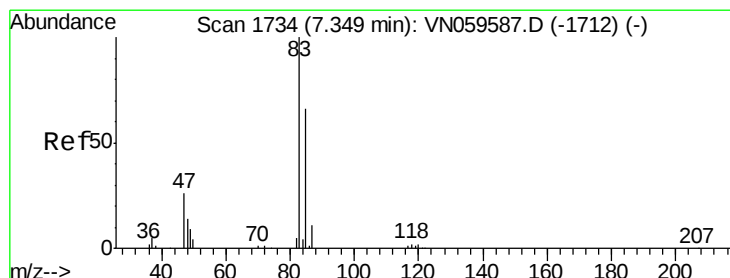
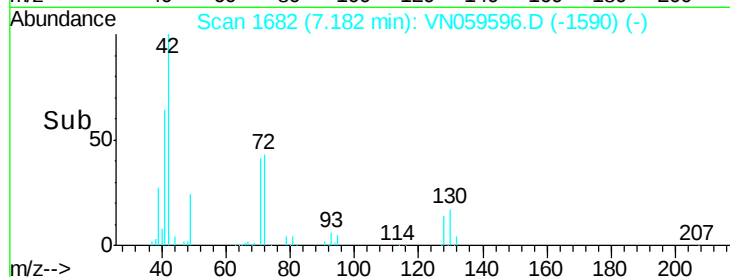
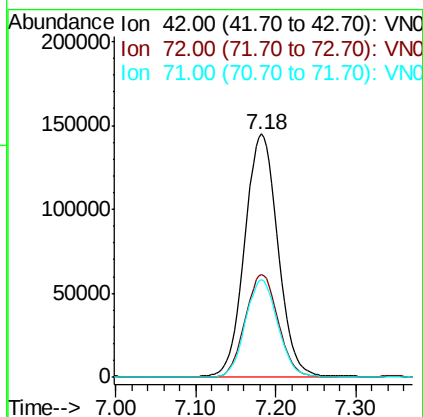
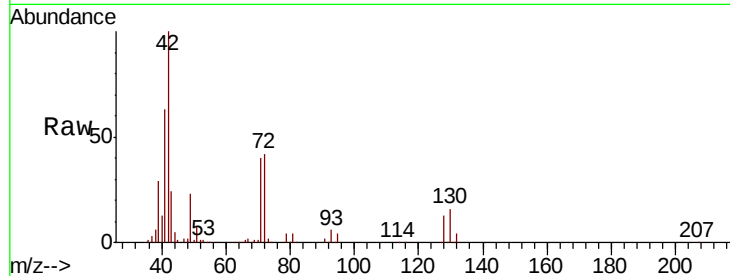
Ion 3073.62 (3073.32 to 3073.92): VN0595



#29
Tetrahydrofuran
Concen: 276.076 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

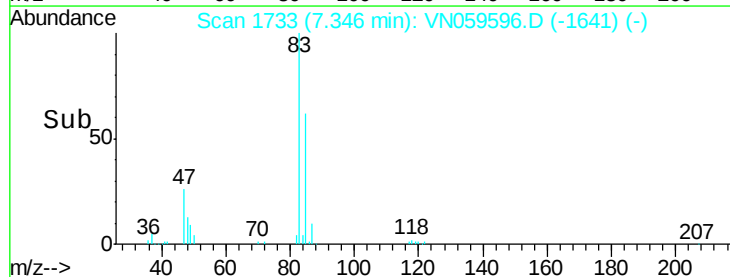
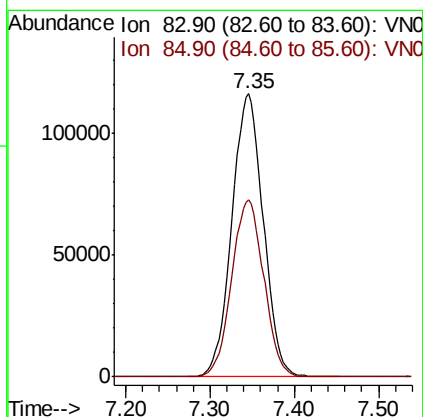
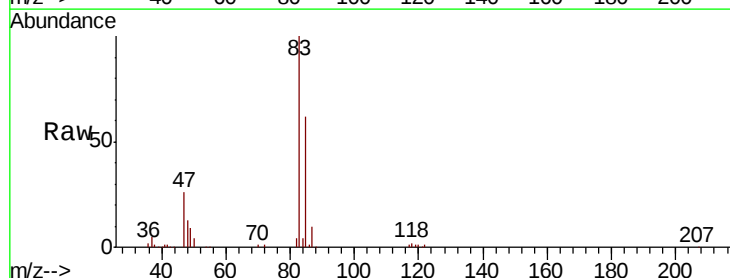
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

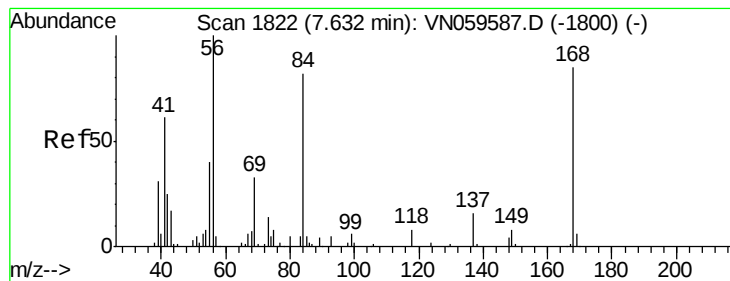
Tgt Ion: 42 Resp: 410030
Ion Ratio Lower Upper
42 100
72 42.0 33.1 49.7
71 39.2 31.4 47.0



#30
Chloroform
Concen: 57.731 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 83 Resp: 301502
Ion Ratio Lower Upper
83 100
85 62.4 52.4 78.6





#31

Cyclohexane

Concen: 54.945 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

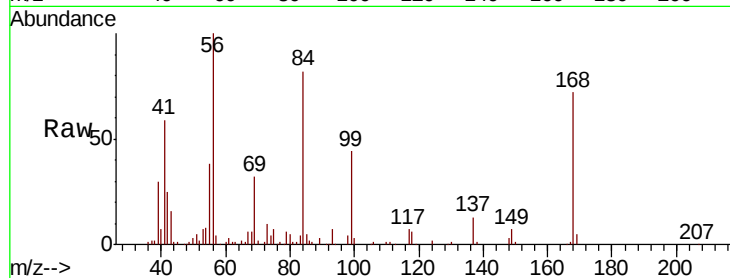
Tgt Ion: 56 Resp: 275450

Ion Ratio Lower Upper

56 100

69 32.4 26.5 39.7

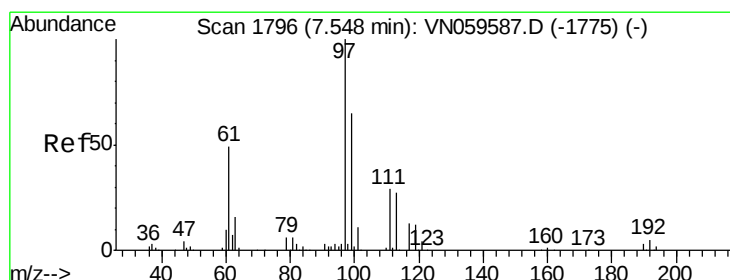
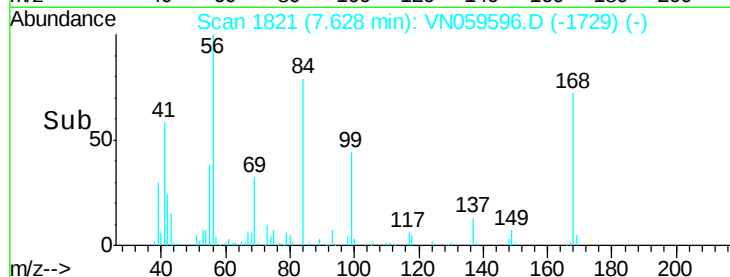
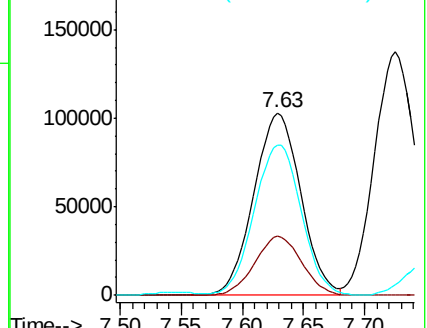
84 81.1 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059587.D (-1800) (-)

Ion 69.00 (68.70 to 69.70): VN059587.D (-1800) (-)

Ion 84.00 (83.70 to 84.70): VN059587.D (-1800) (-)



#32

1,1,1-Trichloroethane

Concen: 56.031 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

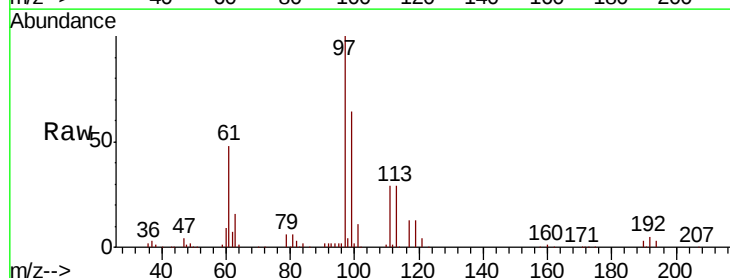
Tgt Ion: 97 Resp: 263816

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.4

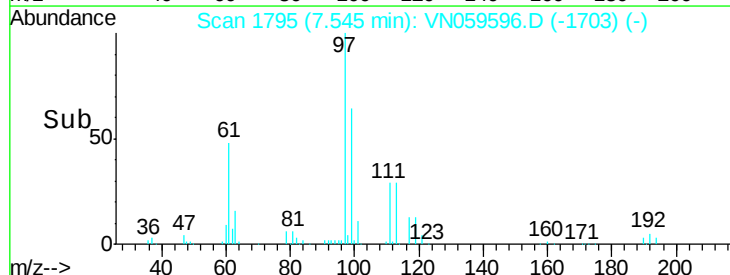
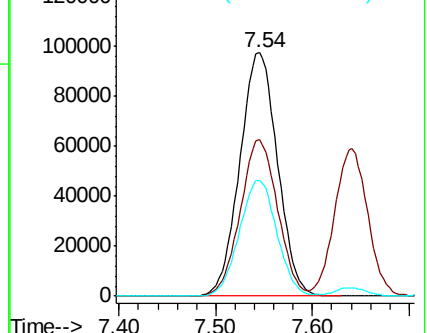
61 47.4 38.5 57.7

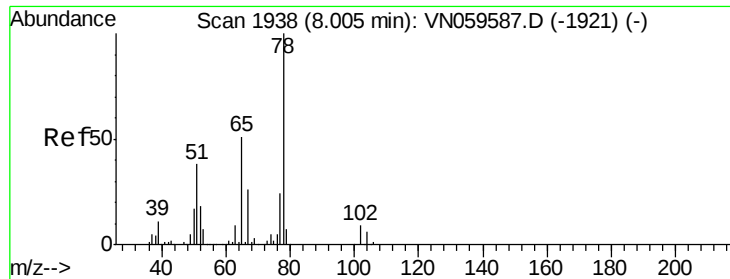


Abundance Ion 96.90 (96.60 to 97.60): VN059587.D (-1775) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-1775) (-)

Ion 60.90 (60.60 to 61.60): VN059587.D (-1775) (-)

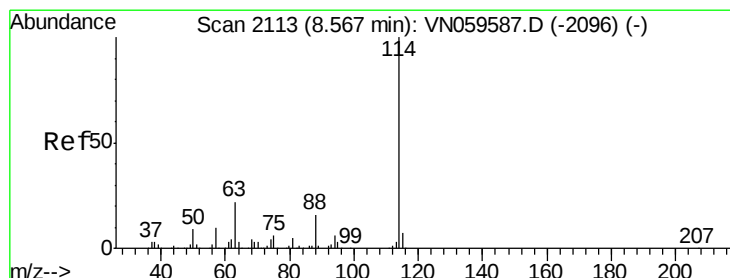
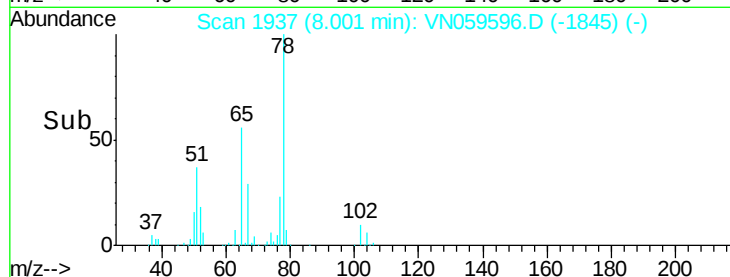
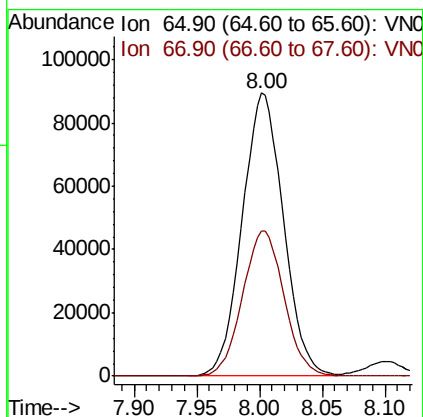
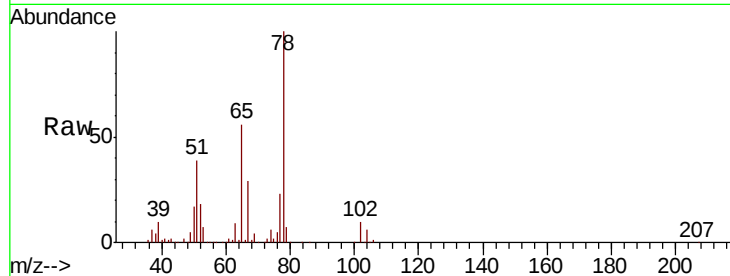




#33
 1,2-Dichloroethane-d4
 Concen: 59.681 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

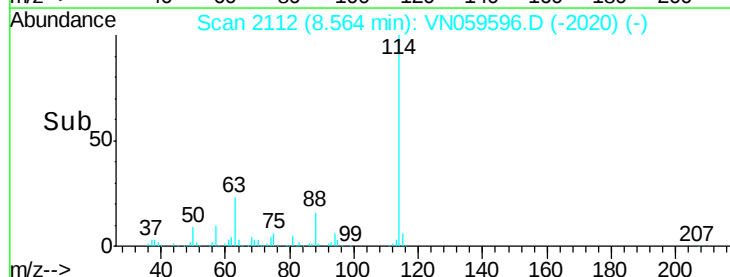
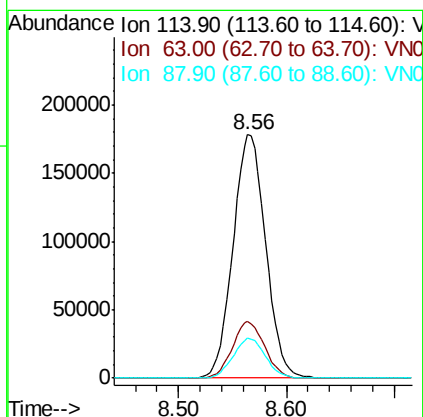
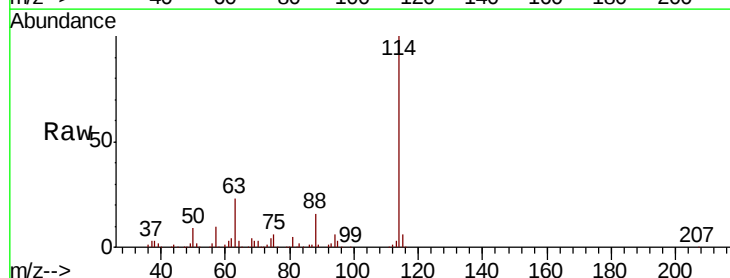
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

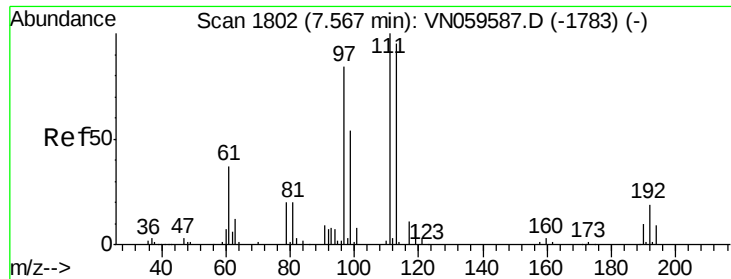
Tgt Ion: 65 Resp: 204914
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 114 Resp: 375702
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 43.6
 88 16.3 0.0 31.4

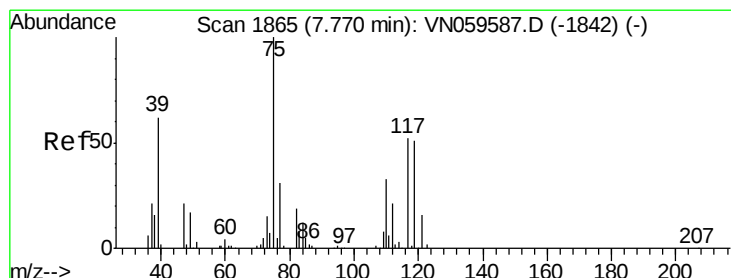
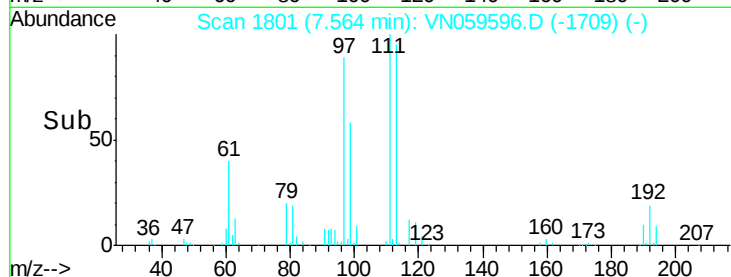
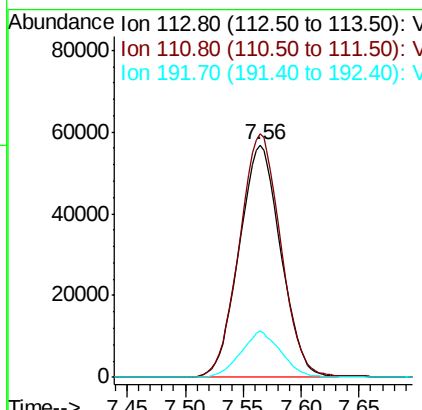
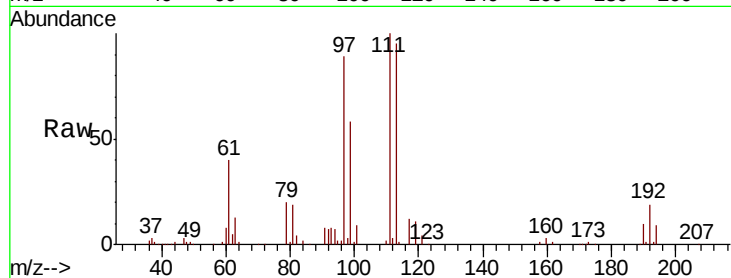




#35
 Dibromofluoromethane
 Concen: 60.444 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

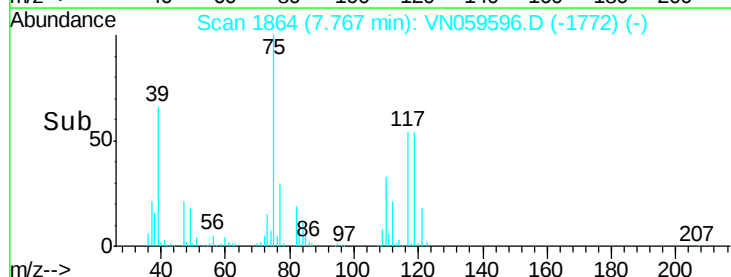
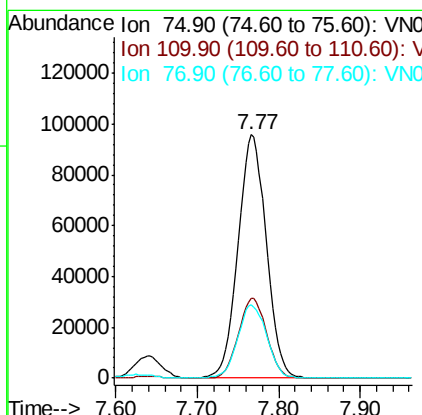
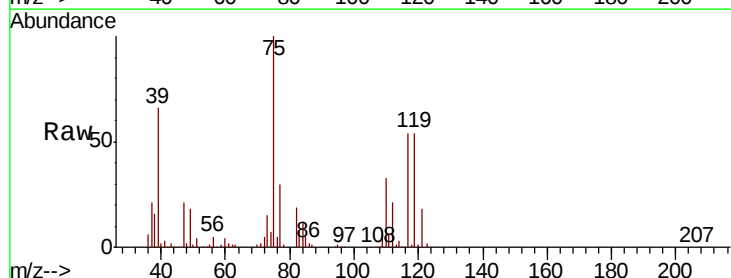
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

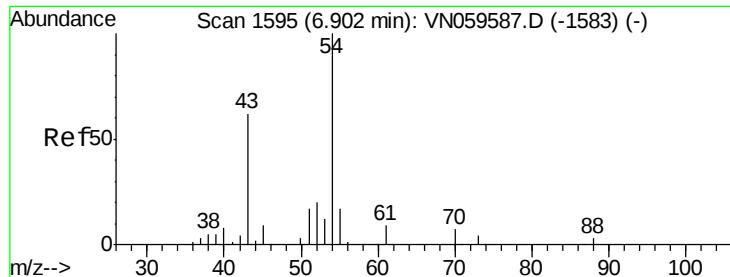
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.7	83.5	125.3
192	19.1	15.4	23.2



#36
 1,1-Dichloropropene
 Concen: 58.551 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.7	16.6	49.7
77	30.9	25.1	37.7

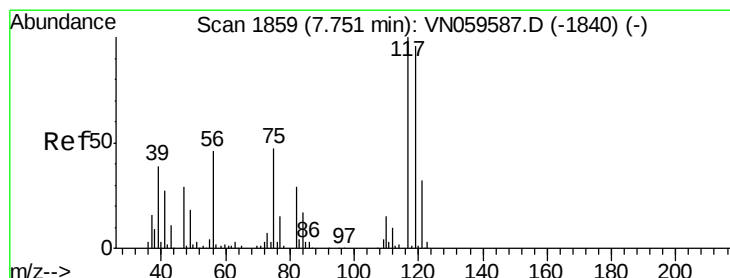
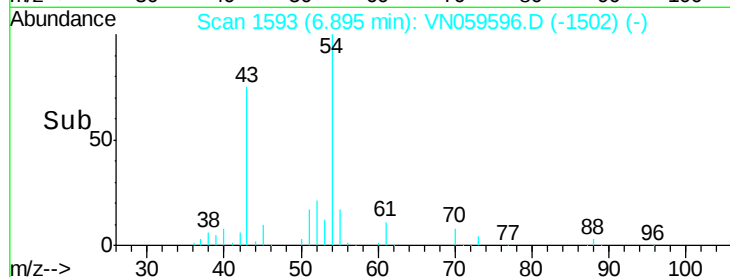
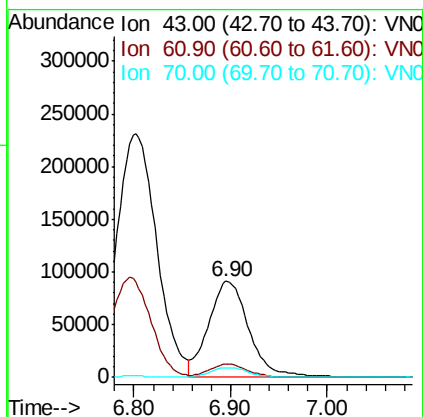
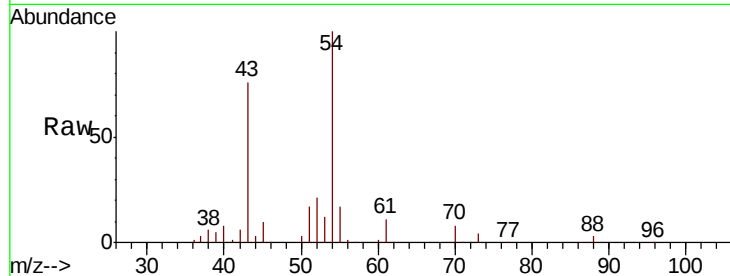




#37
 Ethyl Acetate
 Concen: 56.786 ug/l
 RT: 6.90 min Scan# 1593
 Delta R.T. -0.01 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

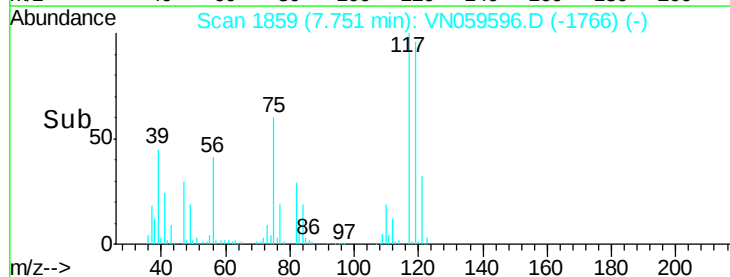
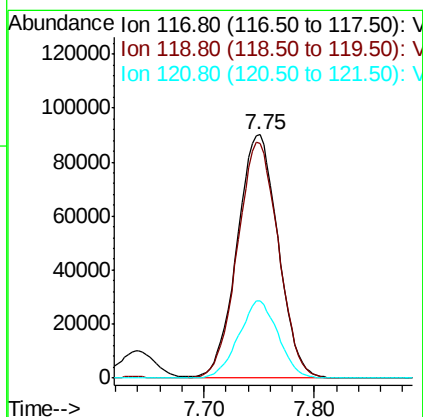
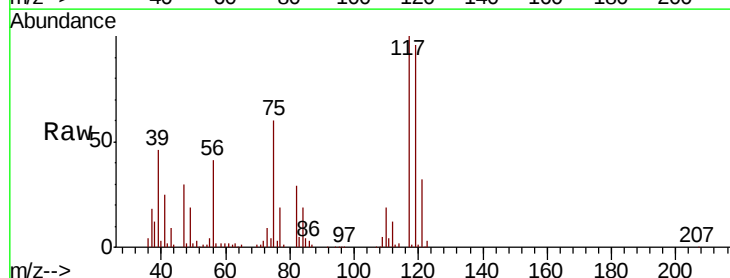
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

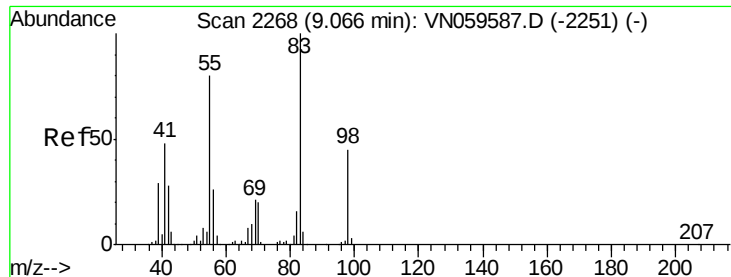
Tgt Ion: 43 Resp: 258593
 Ion Ratio Lower Upper
 43 100
 61 13.5 10.9 16.3
 70 9.8 7.7 11.5



#38
 Carbon Tetrachloride
 Concen: 57.182 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 117 Resp: 232482
 Ion Ratio Lower Upper
 117 100
 119 96.2 76.5 114.7
 121 31.7 25.1 37.7

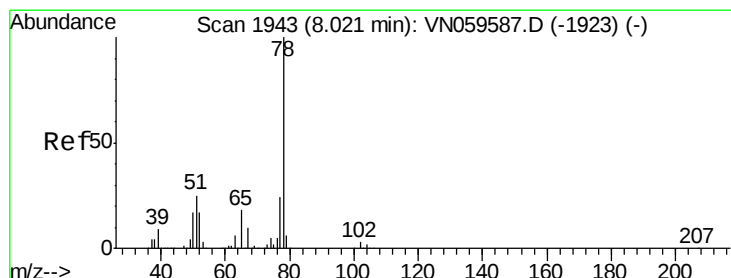
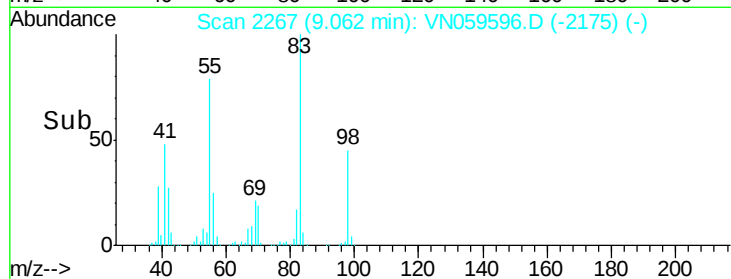
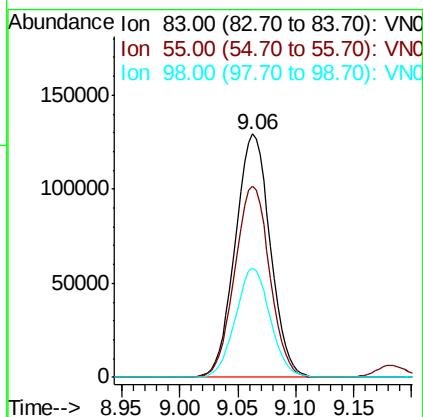
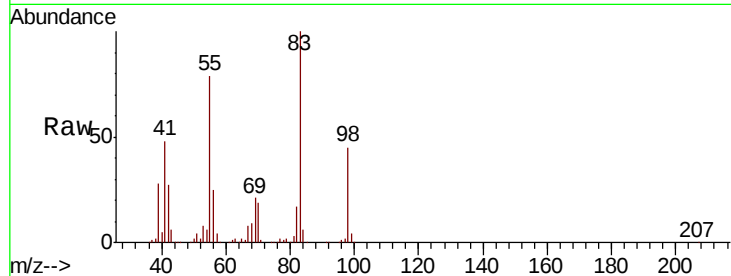




#39
Methylcyclohexane
Concen: 61.208 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

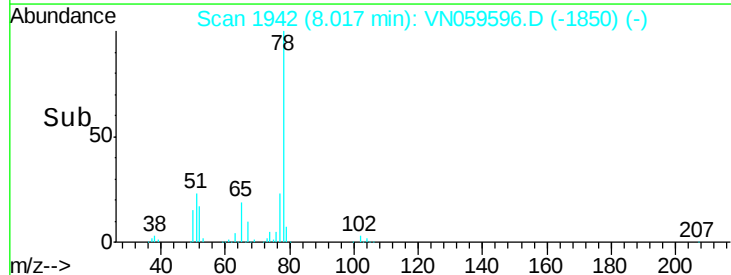
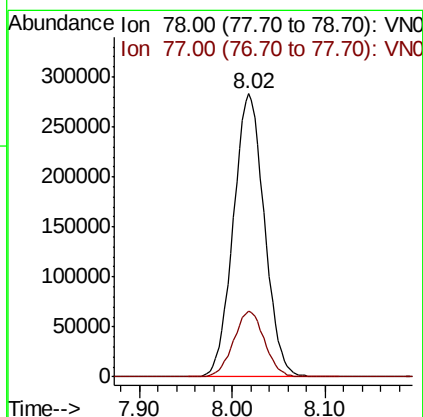
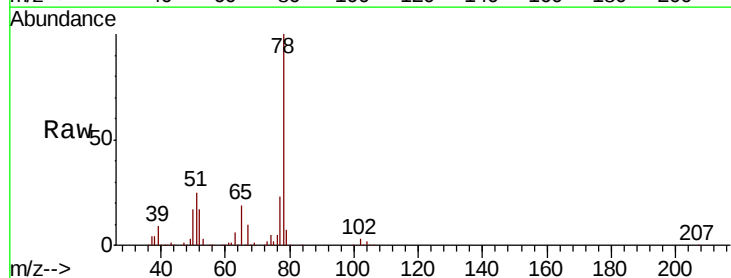
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

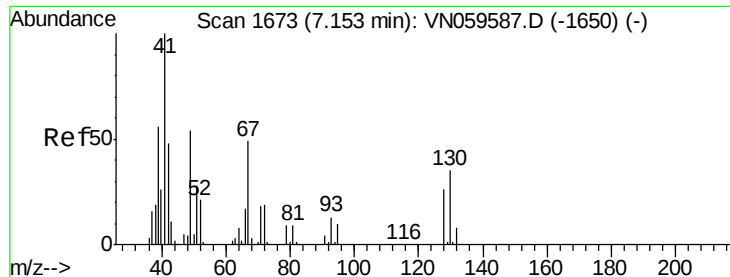
Tgt Ion: 83 Resp: 272021
Ion Ratio Lower Upper
83 100
55 78.6 64.2 96.2
98 44.9 35.9 53.9



#40
Benzene
Concen: 57.367 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 78 Resp: 656854
Ion Ratio Lower Upper
78 100
77 23.2 18.9 28.3

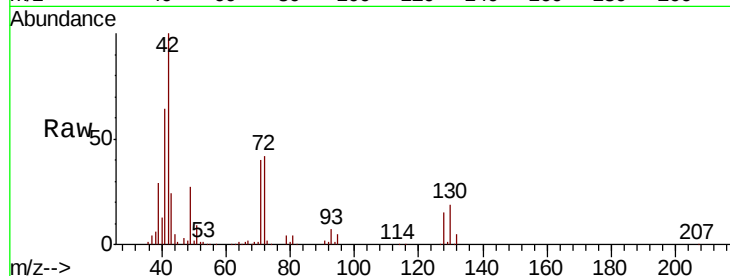




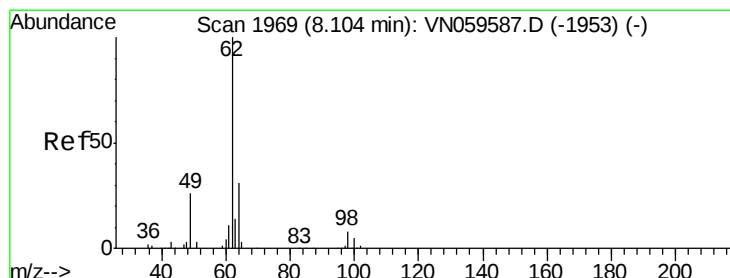
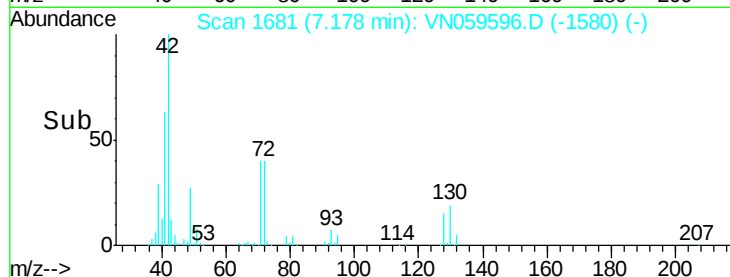
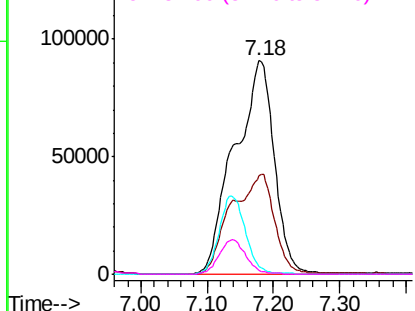
#41
Methacrylonitrile
Concen: 201.438 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.03 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:	41	Resp:	378571
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0

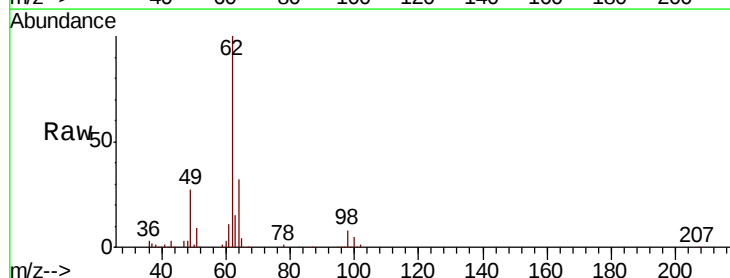


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

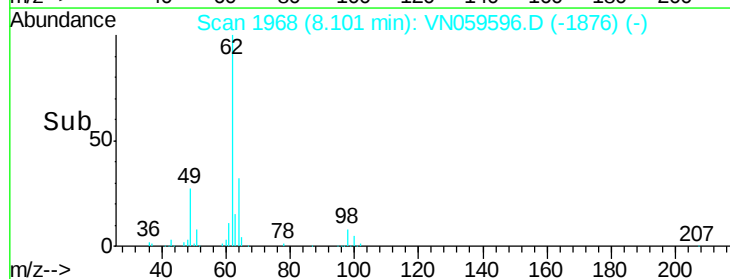
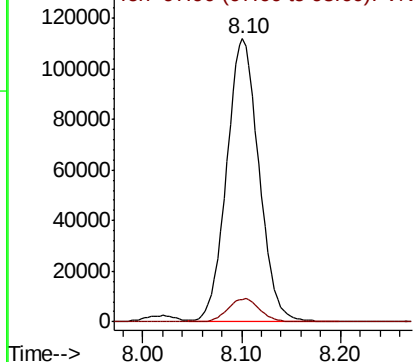


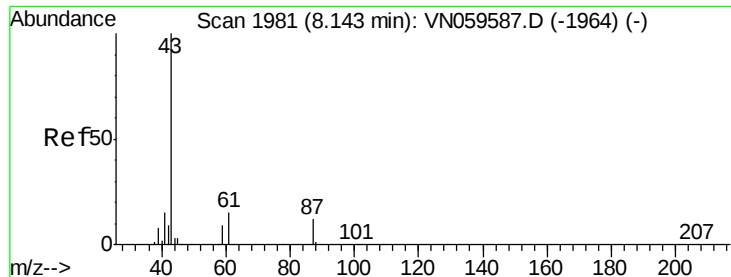
#42
1,2-Dichloroethane
Concen: 58.110 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion:	62	Resp:	254808
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

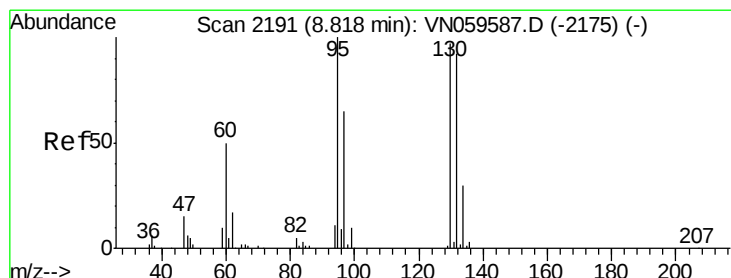
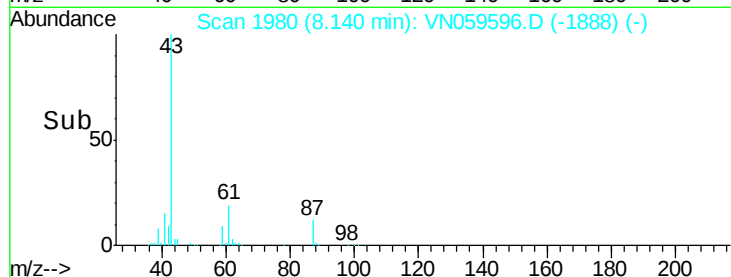
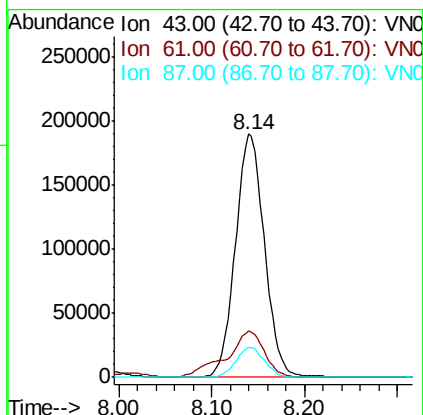
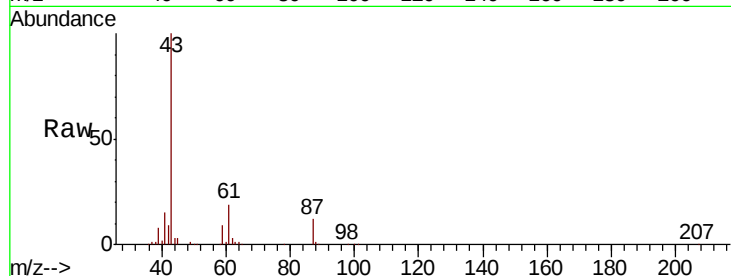




#43
Isopropyl Acetate
Concen: 58.255 ug/l
RT: 8.14 min Scan# 1980
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

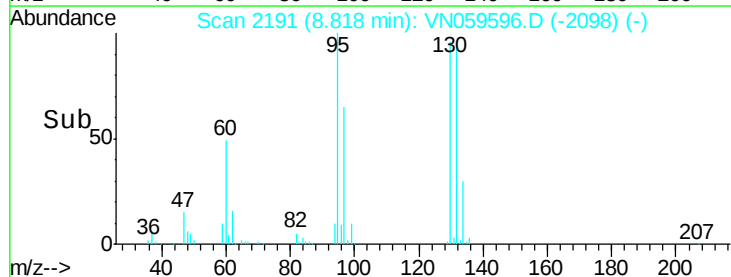
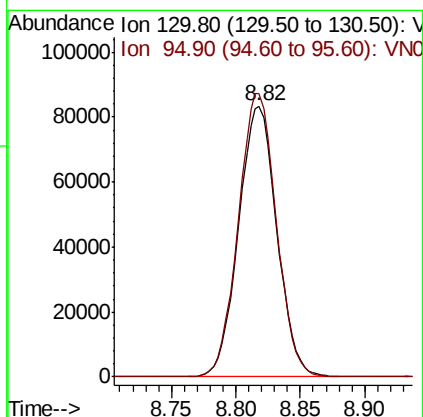
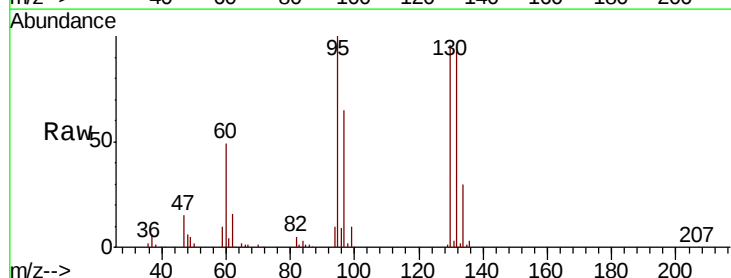
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

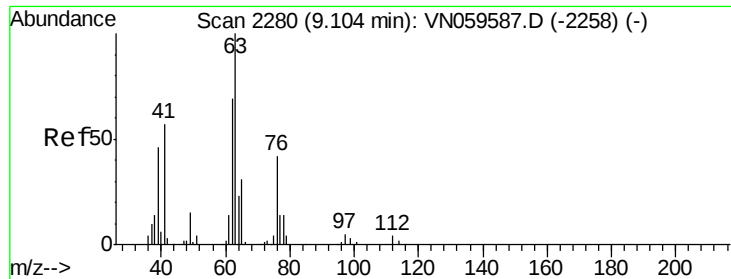
Tgt Ion: 43 Resp: 412440
Ion Ratio Lower Upper
43 100
61 24.8 20.2 30.2
87 12.2 9.5 14.3



#44
Trichloroethene
Concen: 57.432 ug/l
RT: 8.82 min Scan# 2191
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 130 Resp: 172247
Ion Ratio Lower Upper
130 100
95 104.4 0.0 207.0

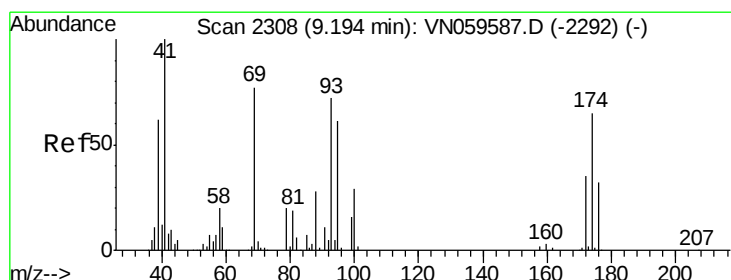
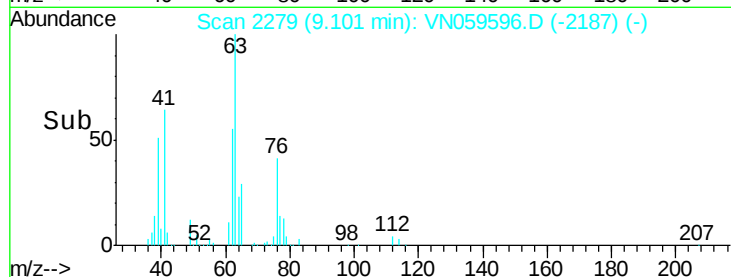
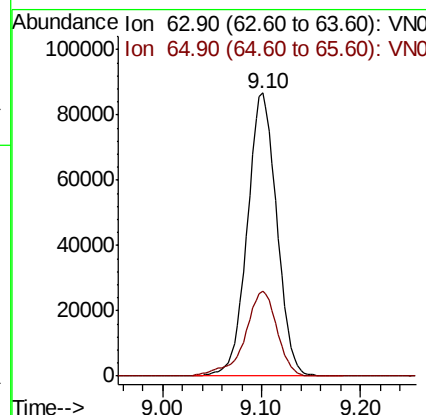
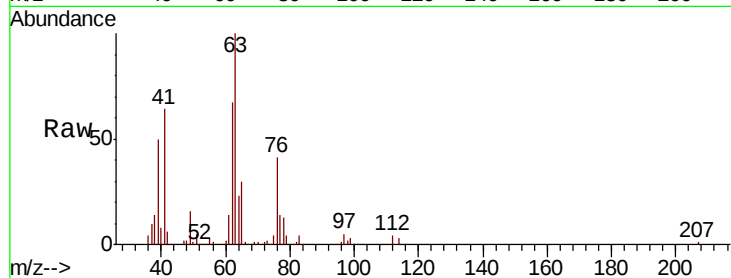




#45
 1,2-Dichloropropane
 Concen: 57.805 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

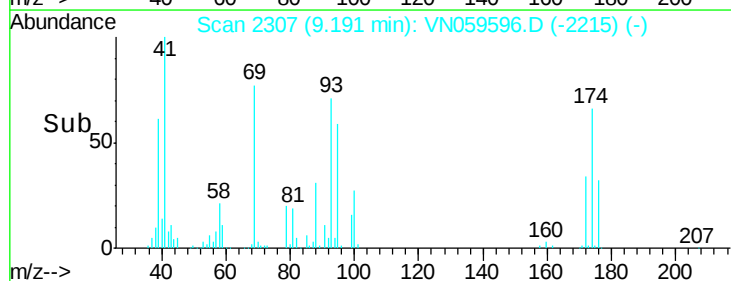
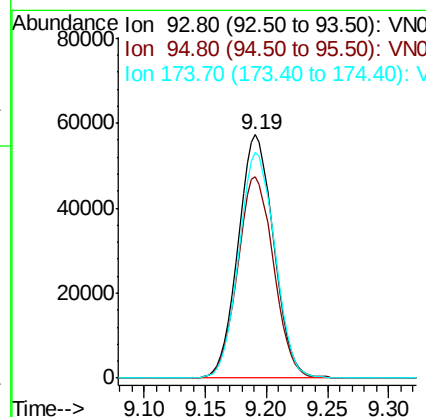
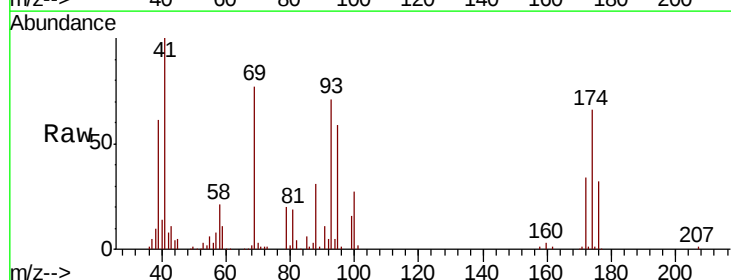
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

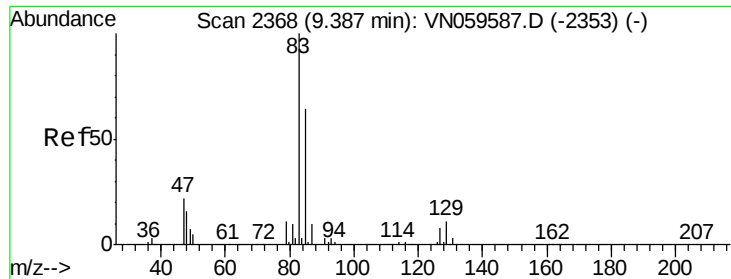
Tgt Ion: 63 Resp: 178728
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.9 37.3



#46
 Dibromomethane
 Concen: 57.165 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 93 Resp: 115798
 Ion Ratio Lower Upper
 93 100
 95 84.1 67.0 100.6
 174 93.8 73.4 110.2





#47

Bromodichloromethane

Concen: 59.083 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

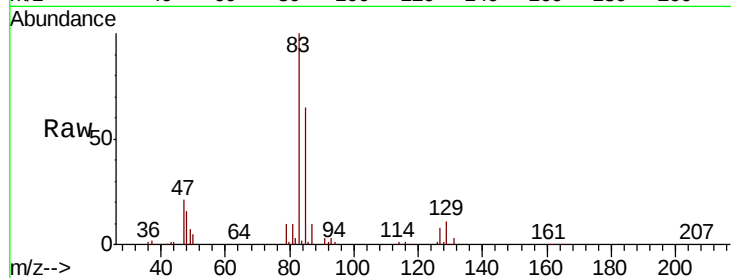
Tgt Ion: 83 Resp: 238617

Ion Ratio Lower Upper

83 100

85 64.6 51.1 76.7

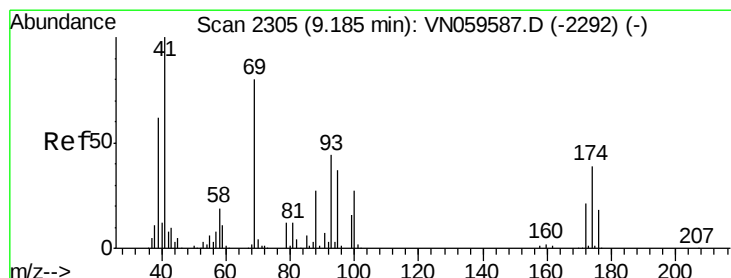
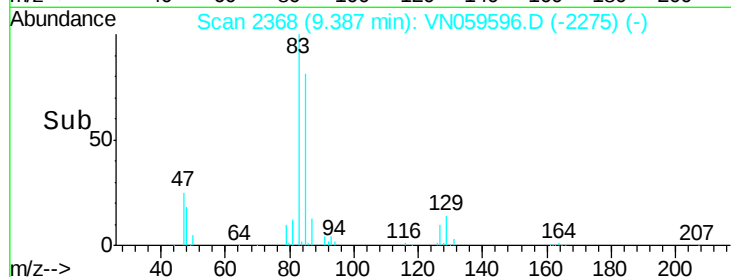
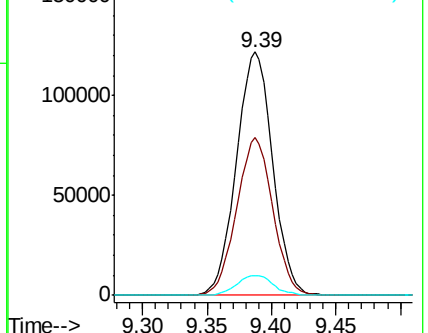
127 8.3 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN059596.D (-2275) (-)

Ion 84.90 (84.60 to 85.60): VN059596.D (-2275) (-)

Ion 126.80 (126.50 to 127.50): VN059596.D (-2275) (-)



#48

Methyl methacrylate

Concen: 58.101 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

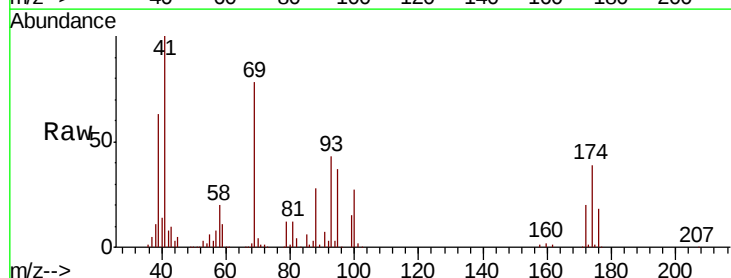
Tgt Ion: 41 Resp: 186628

Ion Ratio Lower Upper

41 100

69 79.7 64.4 96.6

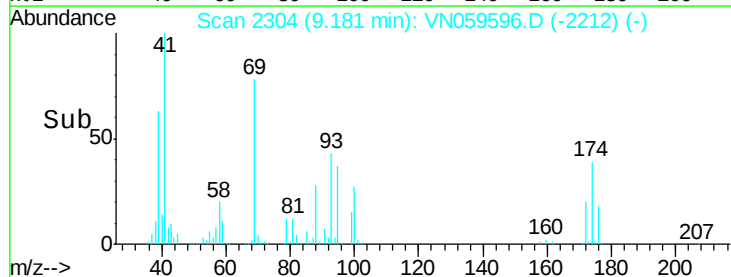
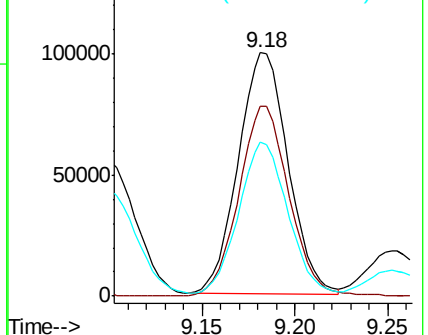
39 63.4 51.3 76.9

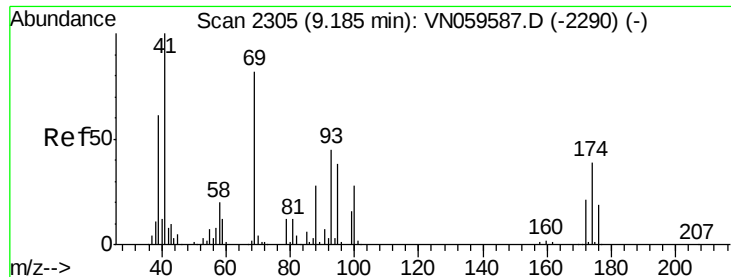


Abundance Ion 41.00 (40.70 to 41.70): VN059596.D (-2212) (-)

Ion 69.00 (68.70 to 69.70): VN059596.D (-2212) (-)

Ion 39.00 (38.70 to 39.70): VN059596.D (-2212) (-)

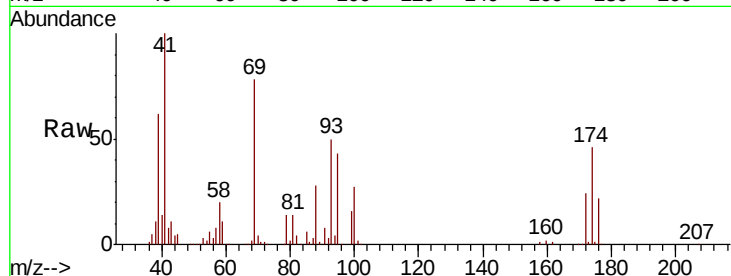




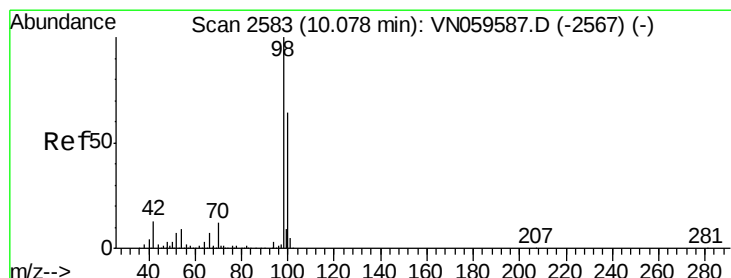
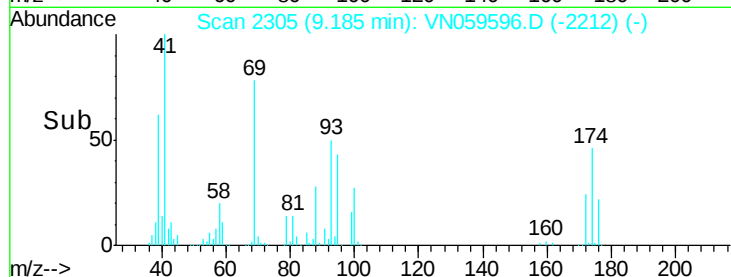
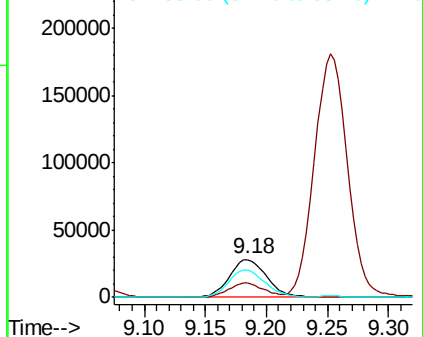
#49
1,4-Dioxane
Concen: 1297.836 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 88 Resp: 59742
Ion Ratio Lower Upper
88 100
43 36.0 29.7 44.5
58 71.9 56.6 85.0

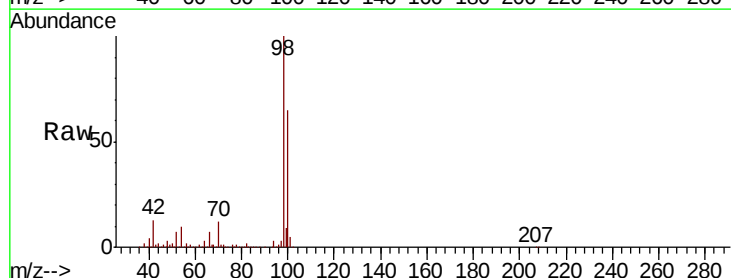


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

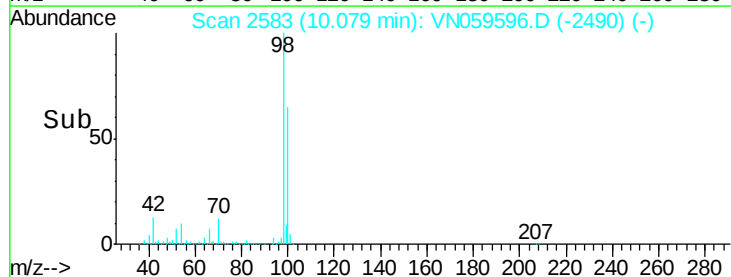
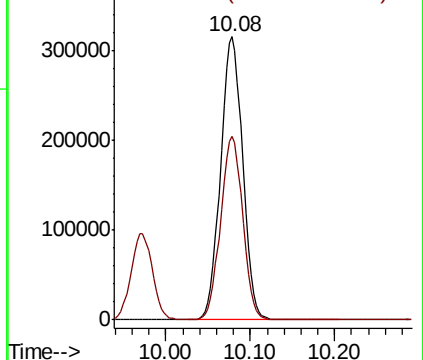


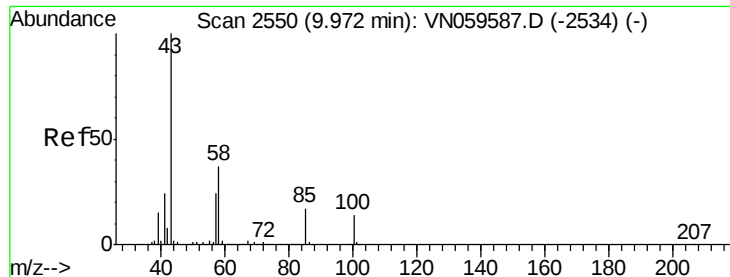
#50
Toluene-d8
Concen: 61.505 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 98 Resp: 572422
Ion Ratio Lower Upper
98 100
100 65.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 298.242 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

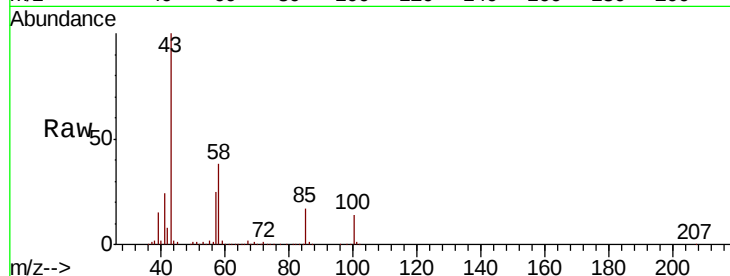
VSTDCCC050

Tgt Ion: 43 Resp: 1258944

Ion Ratio Lower Upper

43 100

58 37.9 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.97

800000

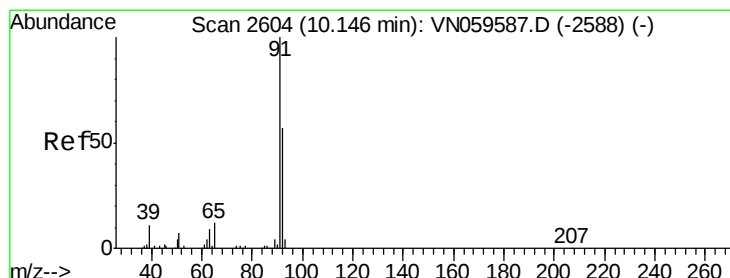
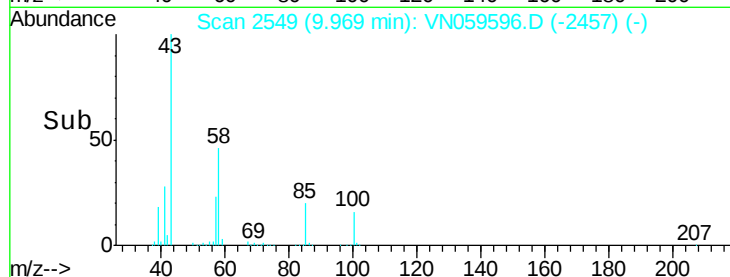
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 57.760 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059596.D

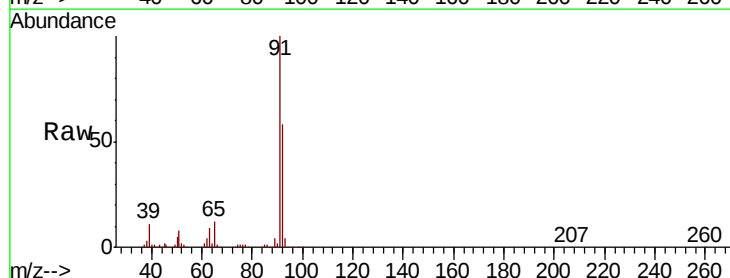
Acq: 16 Dec 2019 12:00

Tgt Ion: 92 Resp: 406355

Ion Ratio Lower Upper

92 100

91 173.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.14

400000

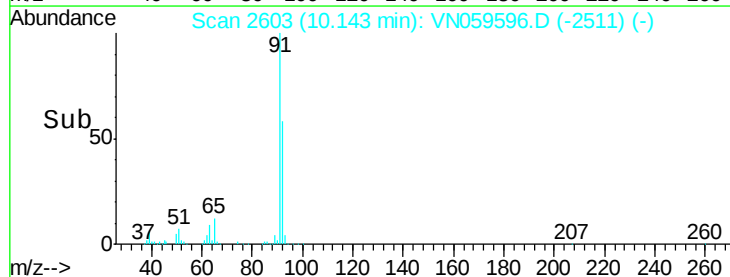
300000

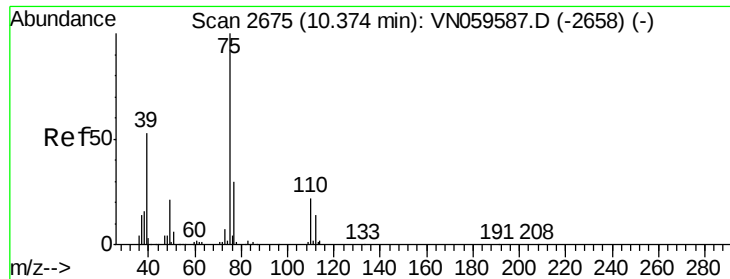
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 58.911 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

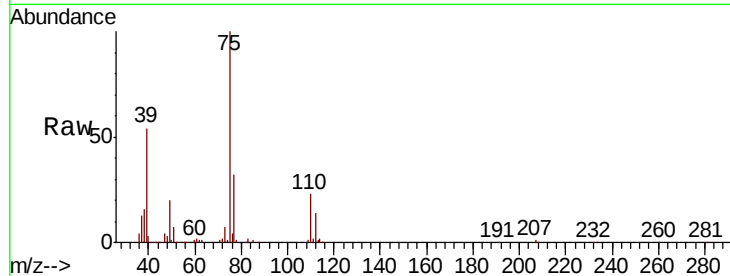
VSTDCCC050

Tgt Ion: 75 Resp: 275163

Ion Ratio Lower Upper

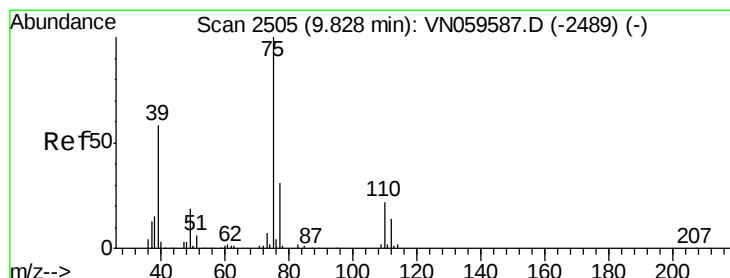
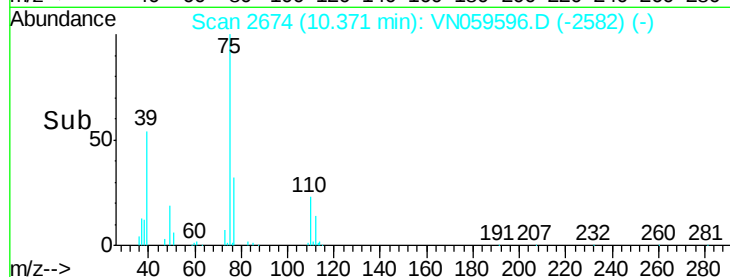
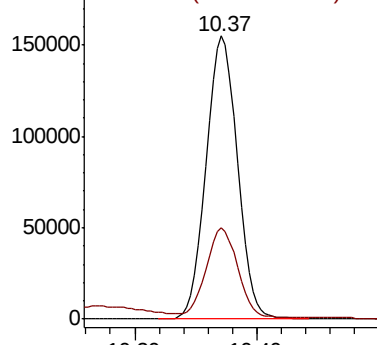
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 59.054 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

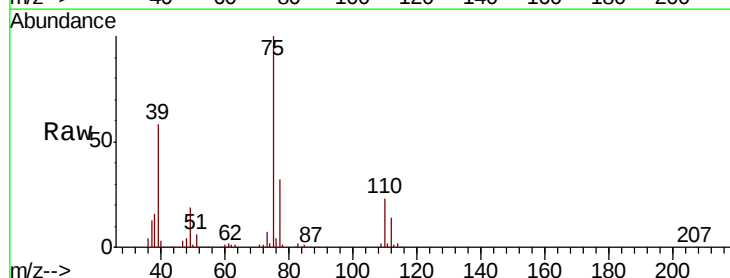
Tgt Ion: 75 Resp: 289942

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

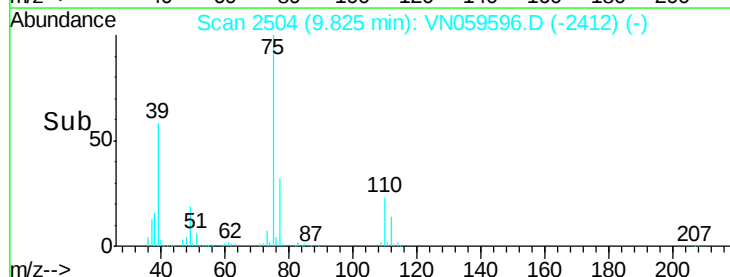
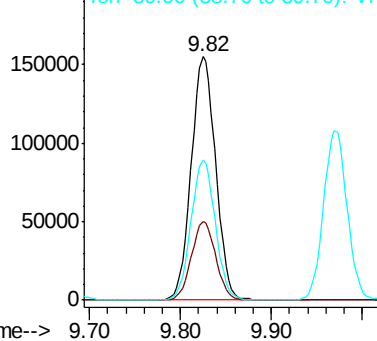
39 57.5 46.1 69.1

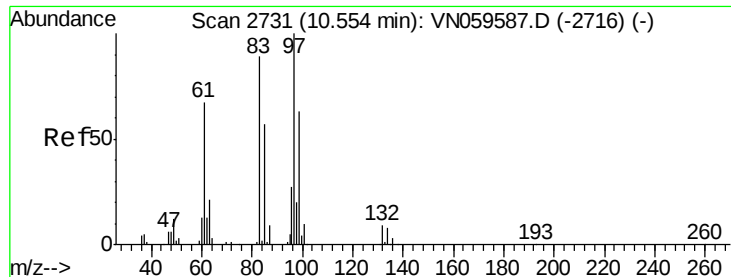


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 57.739 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 159398

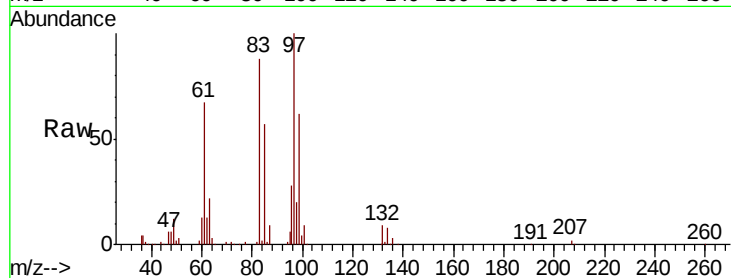
Ion Ratio Lower Upper

97 100

83 88.0 71.3 106.9

85 57.0 45.8 68.8

99 62.1 50.0 75.0

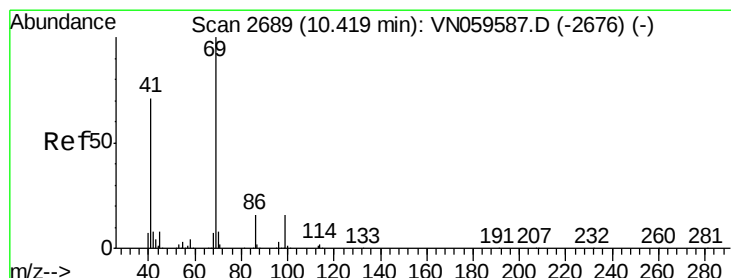
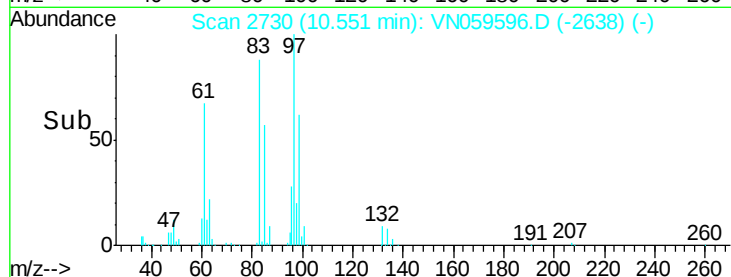
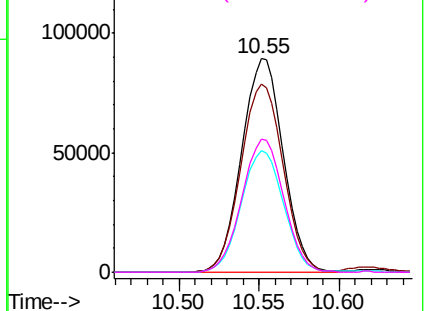


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 61.708 ug/l

RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

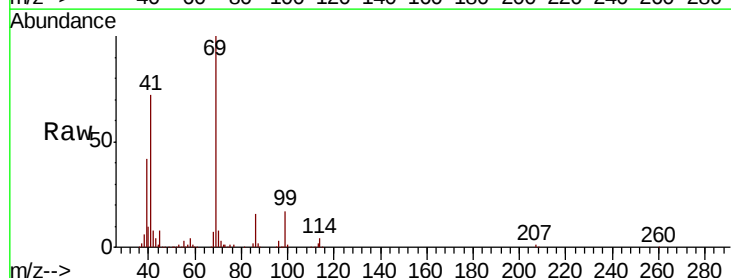
Tgt Ion: 69 Resp: 252900

Ion Ratio Lower Upper

69 100

41 70.4 57.1 85.7

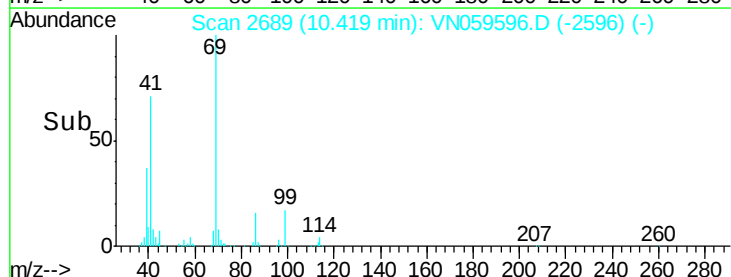
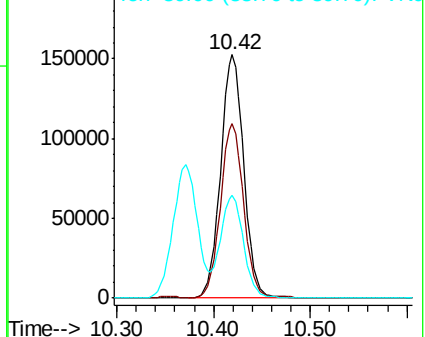
39 41.7 34.7 52.1

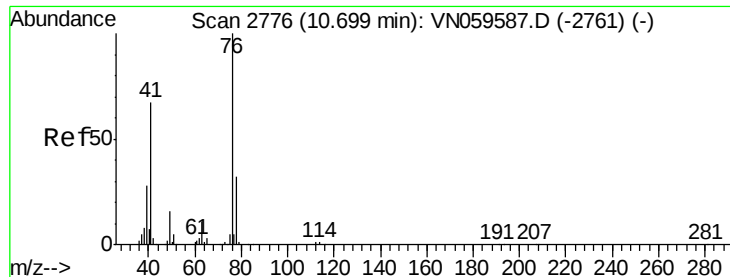


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

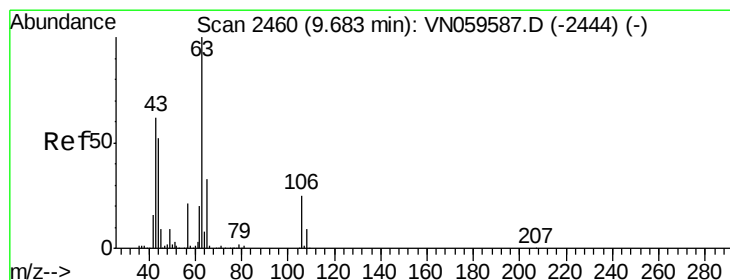
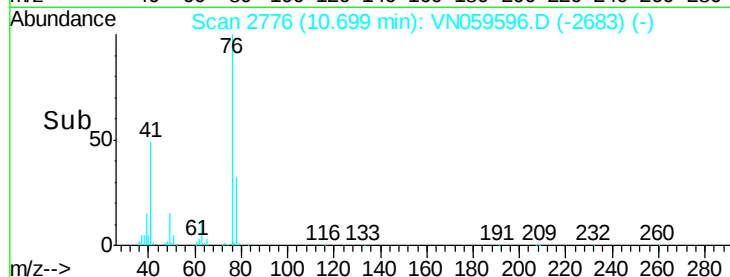
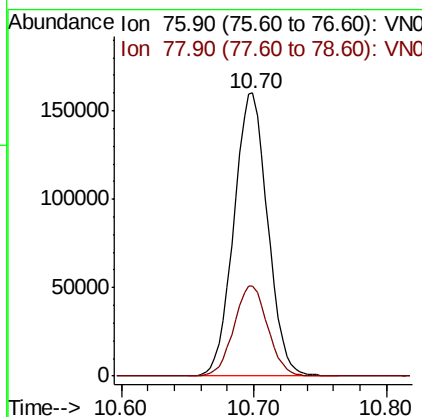
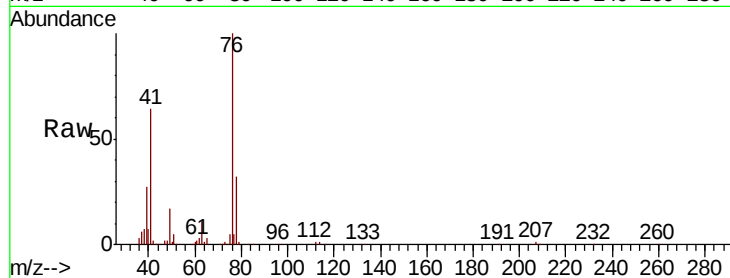




#57
 1,3-Dichloropropane
 Concen: 58.870 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

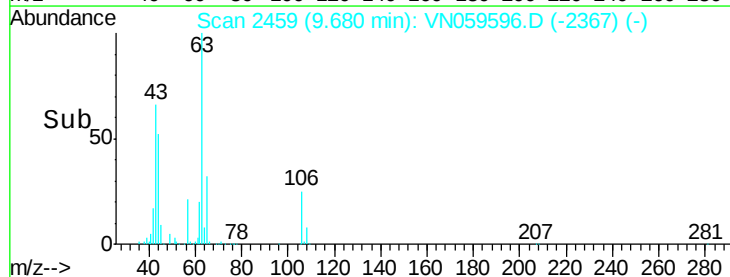
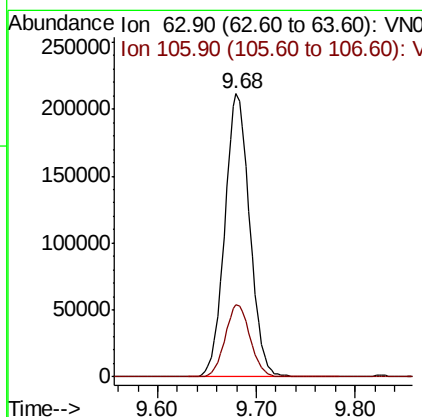
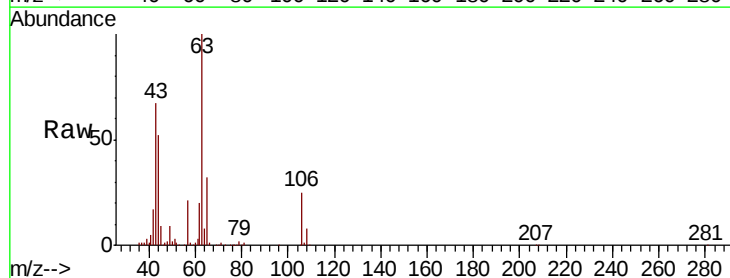
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

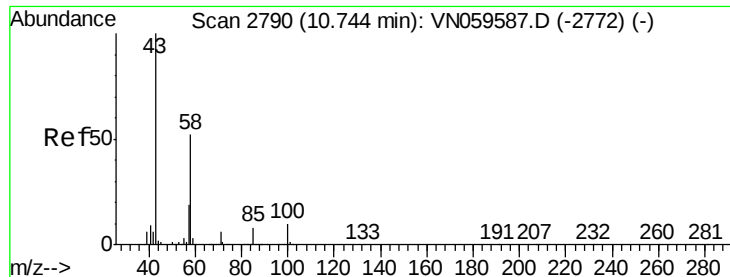
Tgt Ion: 76 Resp: 282970
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 287.826 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 63 Resp: 375161
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.2 30.2

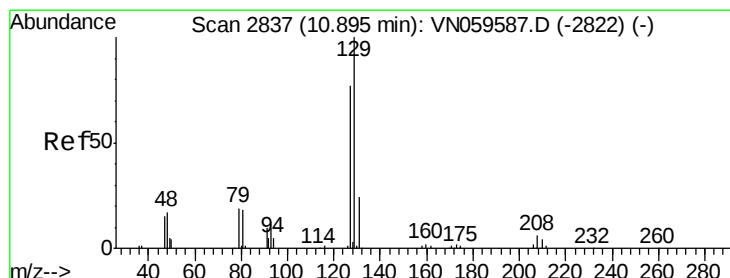
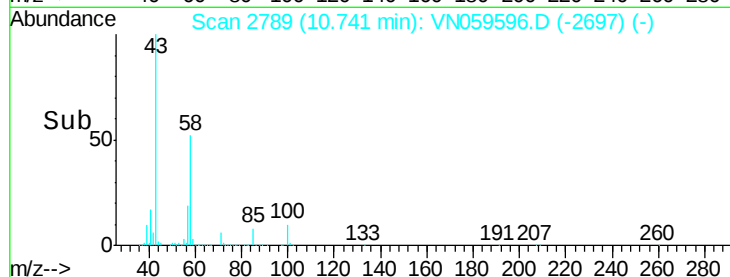
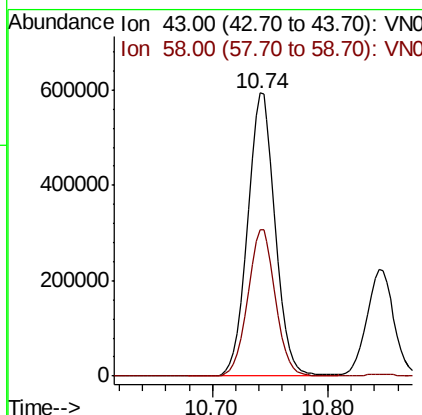
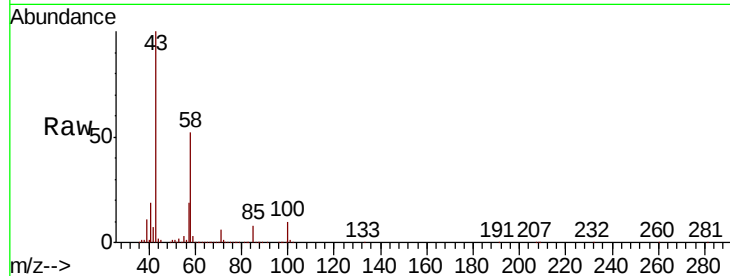




#59
2-Hexanone
Concen: 296.666 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

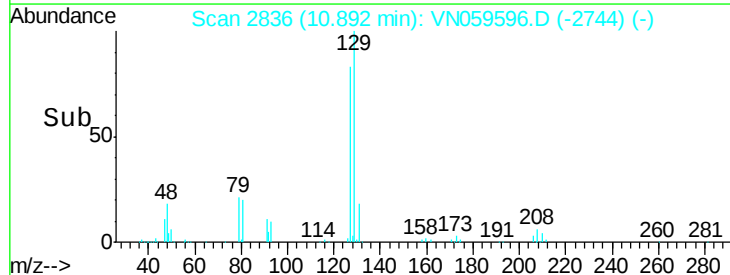
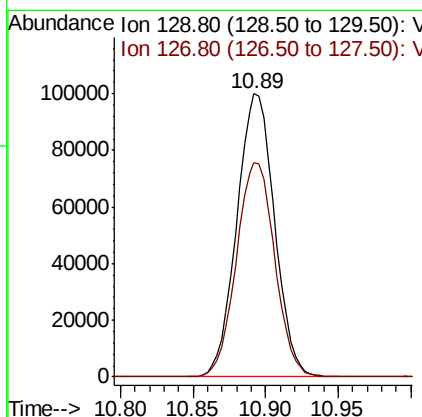
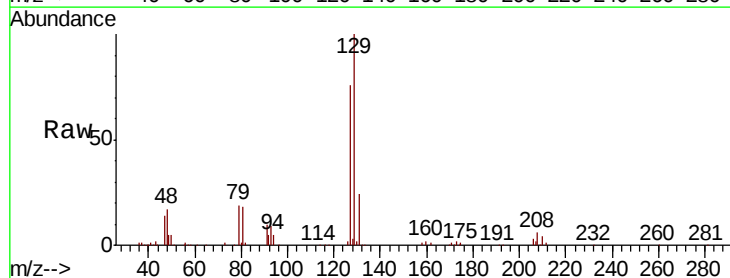
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

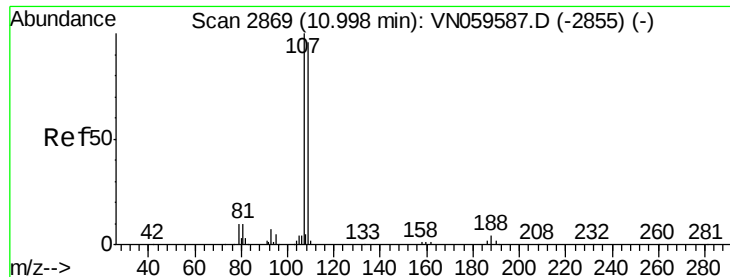
Tgt Ion: 43 Resp: 986971
Ion Ratio Lower Upper
43 100
58 51.9 25.8 77.3



#60
Dibromochloromethane
Concen: 60.009 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 129 Resp: 180809
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

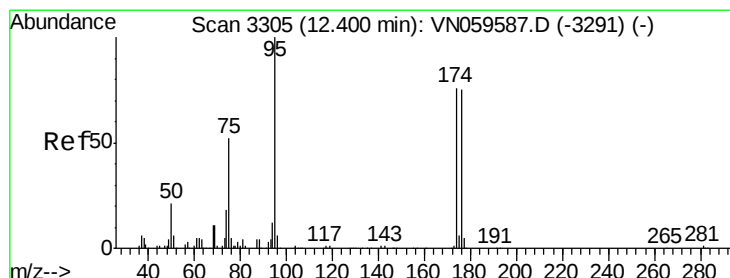
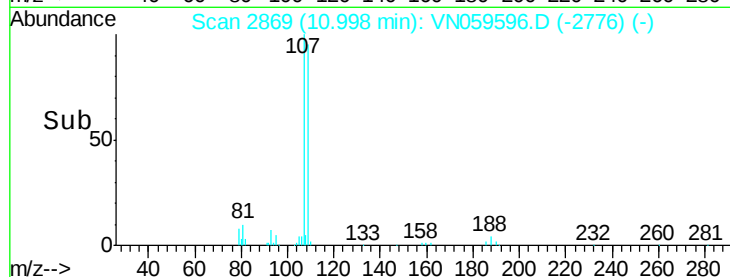
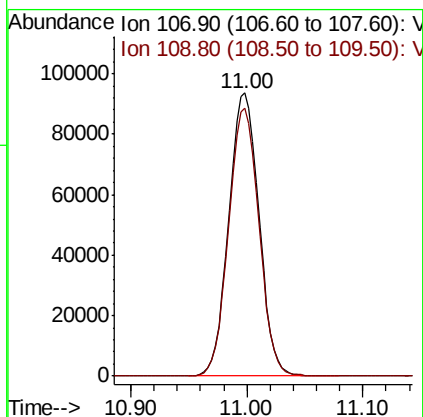
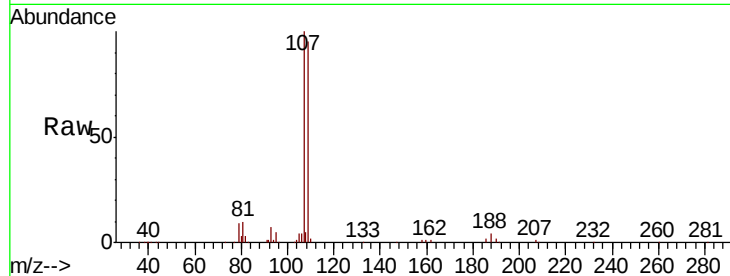




#61
 1,2-Dibromoethane
 Concen: 57.506 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

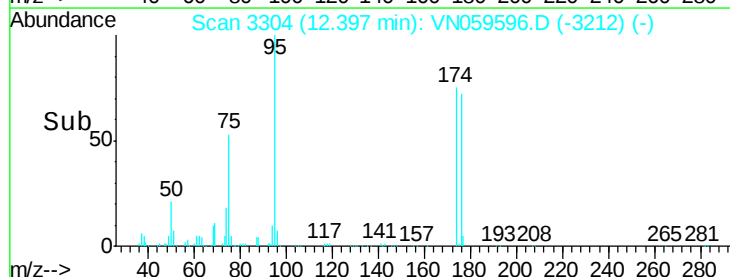
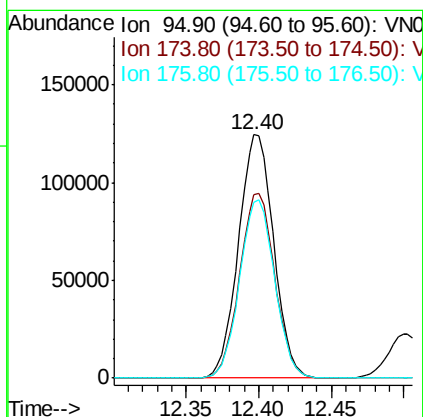
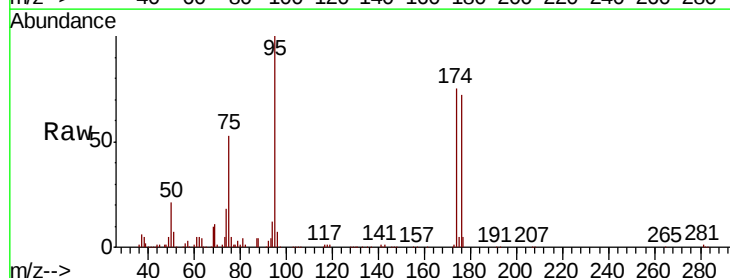
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

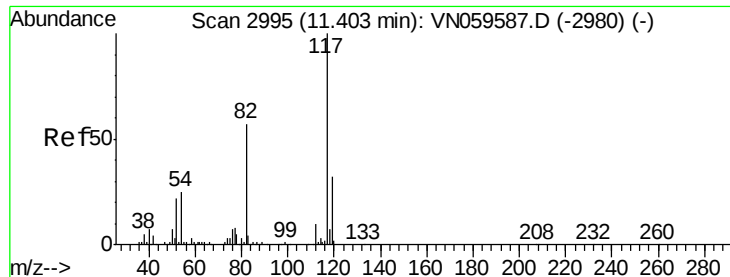
Tgt Ion: 107 Resp: 168367
 Ion Ratio Lower Upper
 107 100
 109 95.1 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 61.929 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 95 Resp: 210311
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 151.4
 176 73.0 0.0 146.0

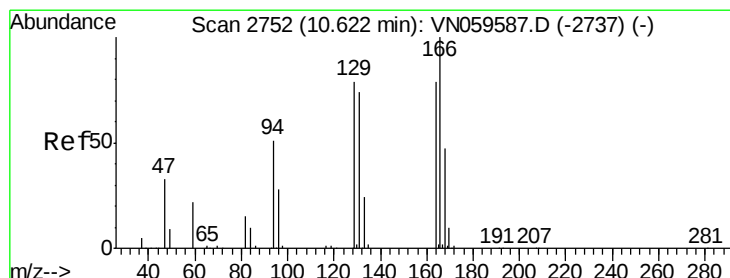
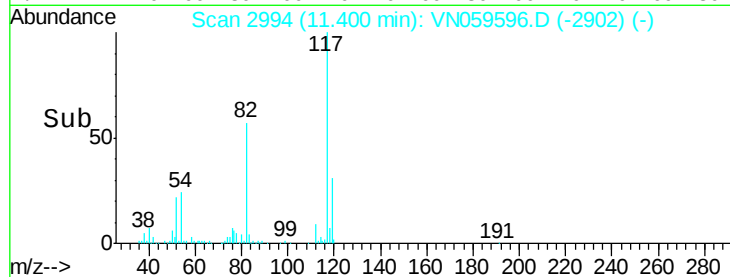
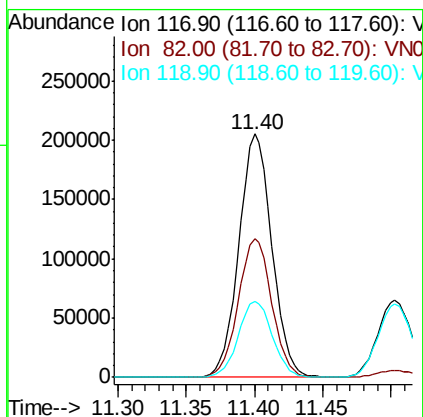
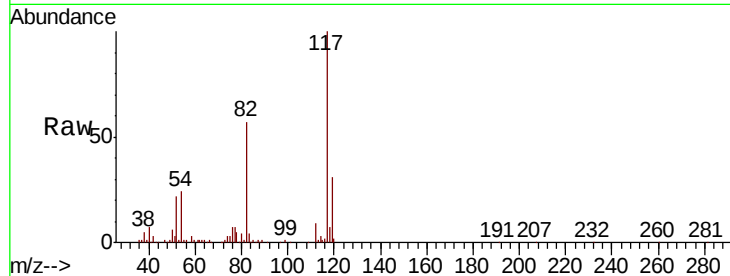




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

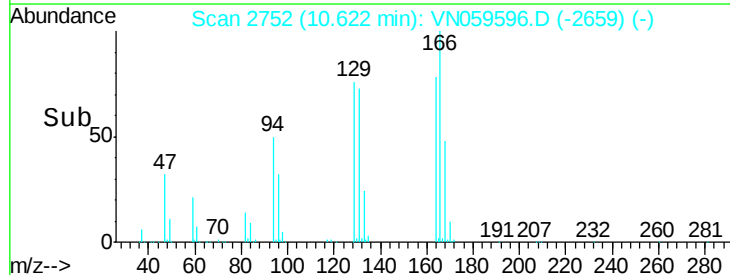
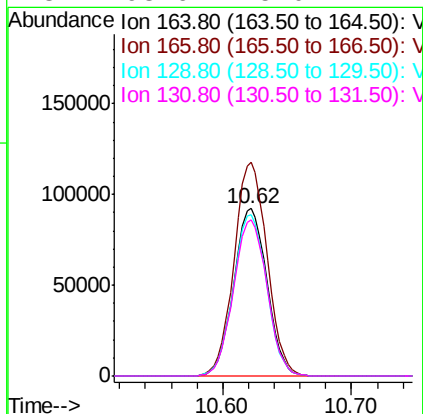
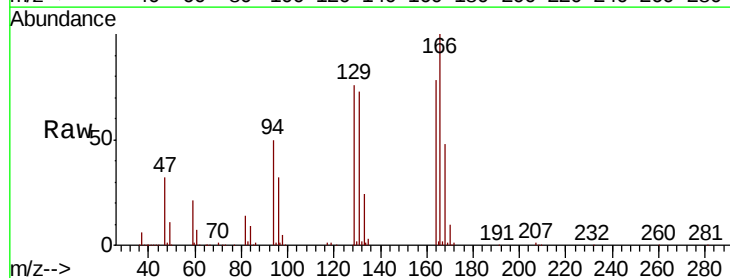
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

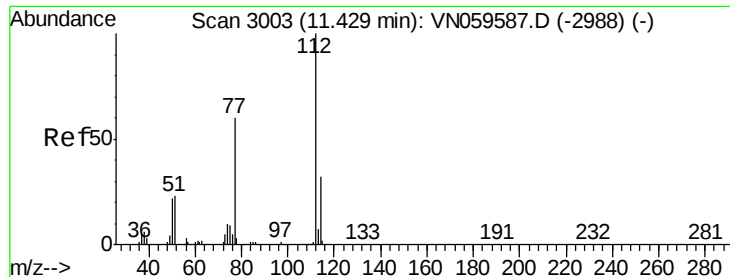
Tgt Ion:117 Resp: 344295
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 51.473 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion:164 Resp: 165204
Ion Ratio Lower Upper
164 100
166 127.5 101.4 152.0
129 96.4 80.2 120.4
131 93.6 75.0 112.4

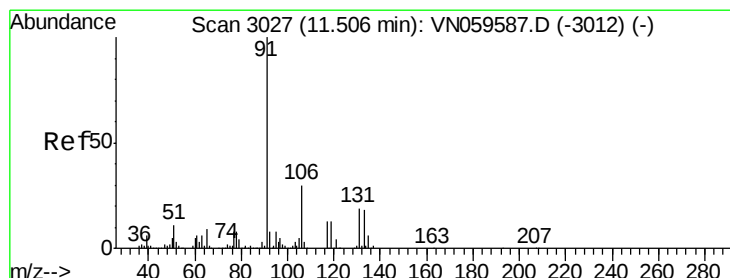
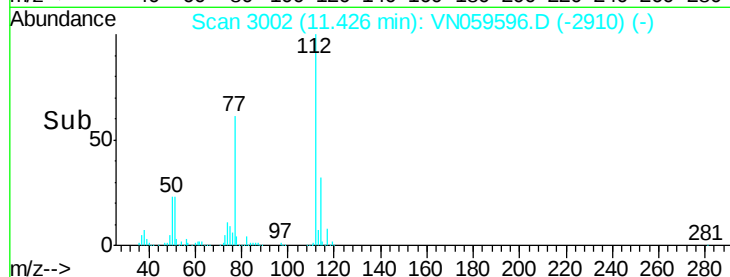
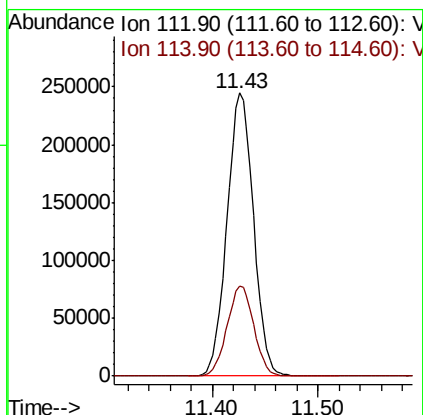
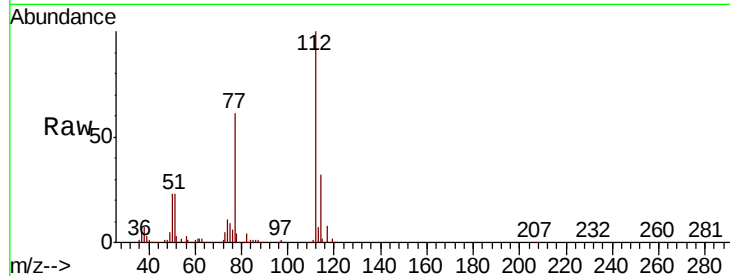




#65
Chlorobenzene
Concen: 57.001 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

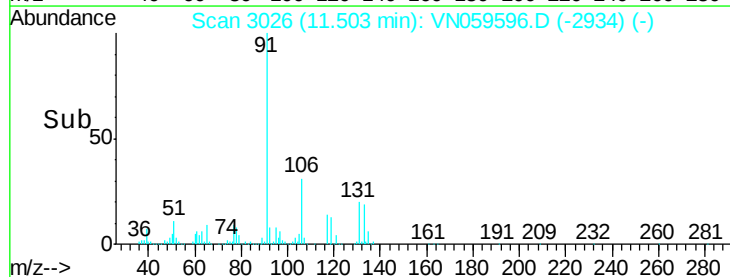
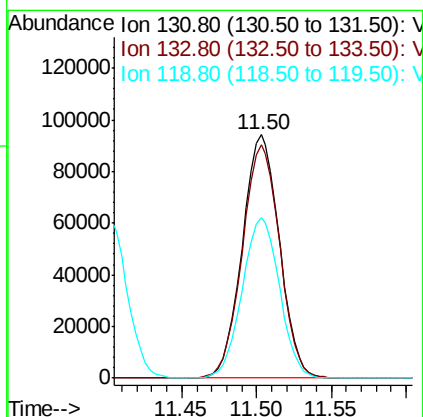
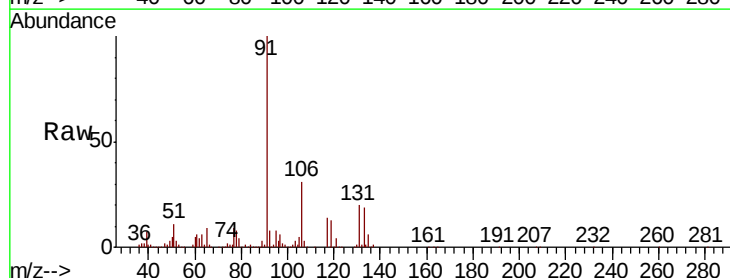
Instrument :
MSVOA_N
ClientSampled :
VSTDCCC050

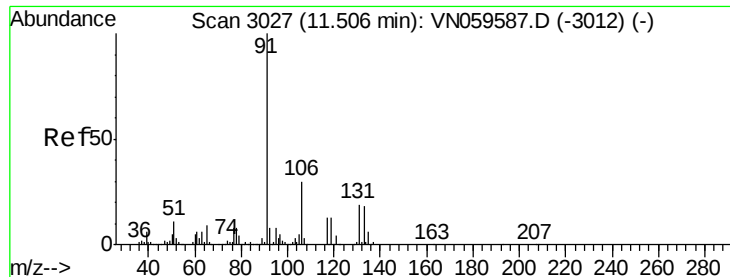
Tgt Ion:112 Resp: 424639
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 57.355 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion:131 Resp: 162294
Ion Ratio Lower Upper
131 100
133 97.1 47.4 142.2
119 66.5 33.1 99.3





#67

Ethyl Benzene

Concen: 58.733 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

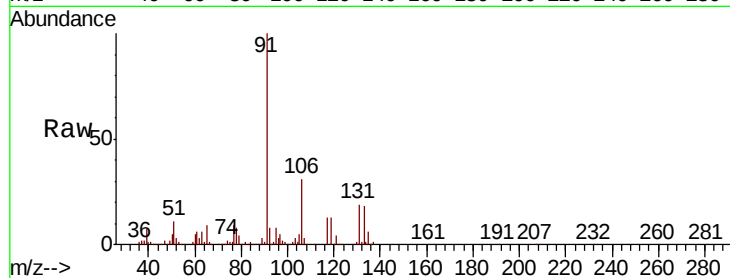
VSTDCCC050

Tgt Ion: 91 Resp: 789785

Ion Ratio Lower Upper

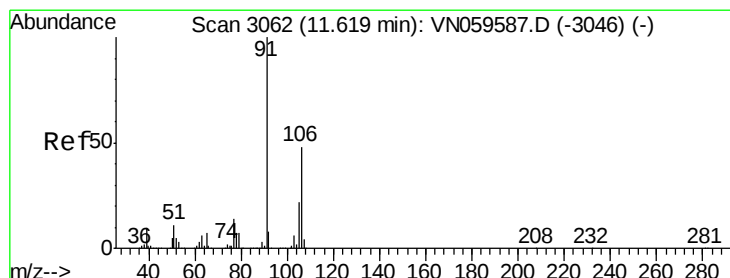
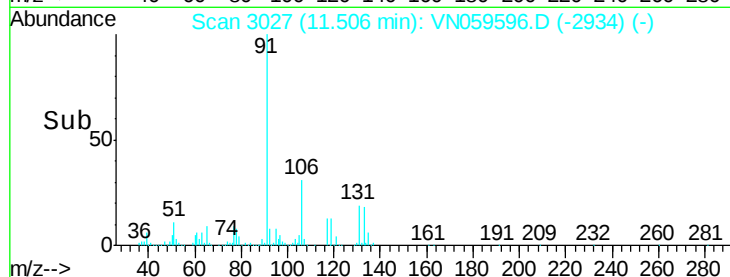
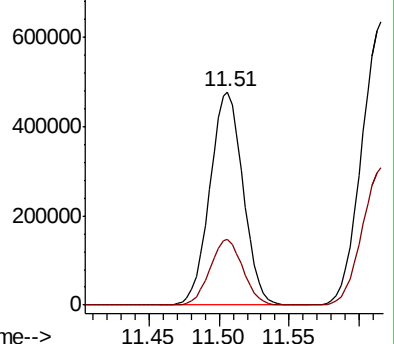
91 100

106 30.5 24.1 36.1



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3012) (-)

Ion 106.00 (105.70 to 106.70): VN059587.D (-3012) (-)



#68

m/p-Xylenes

Concen: 117.569 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059596.D

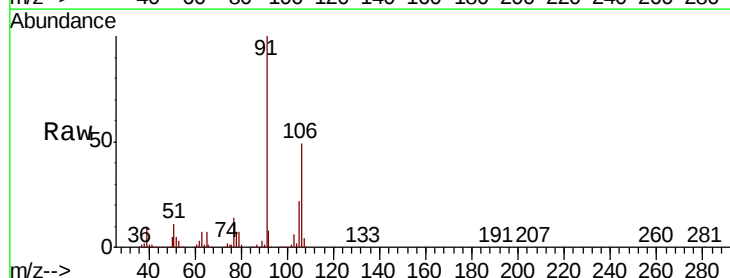
Acq: 16 Dec 2019 12:00

Tgt Ion: 106 Resp: 583796

Ion Ratio Lower Upper

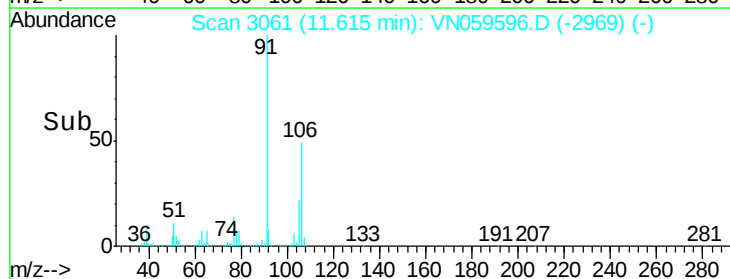
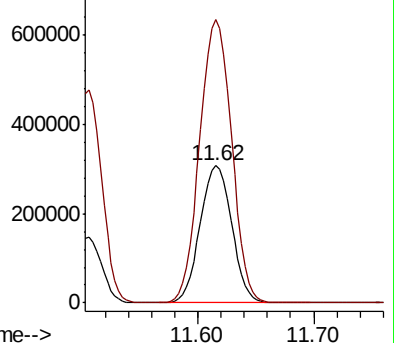
106 100

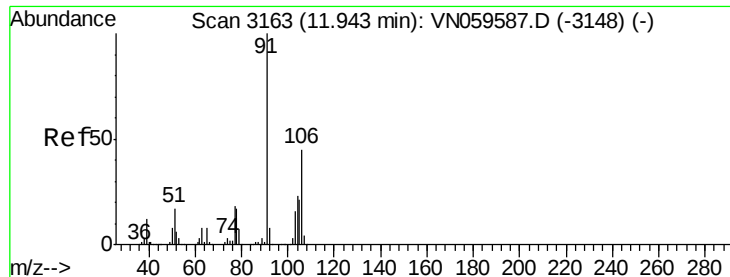
91 208.2 167.9 251.9



Abundance Ion 106.00 (105.70 to 106.70): VN059587.D (-3046) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-3046) (-)

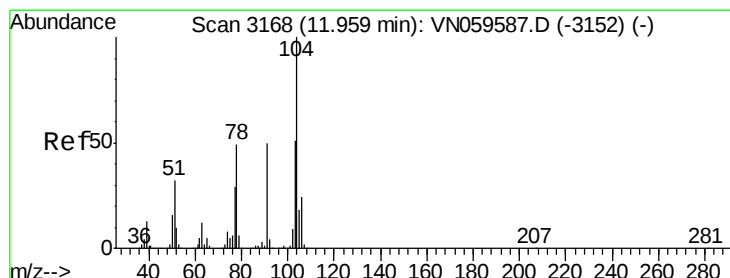
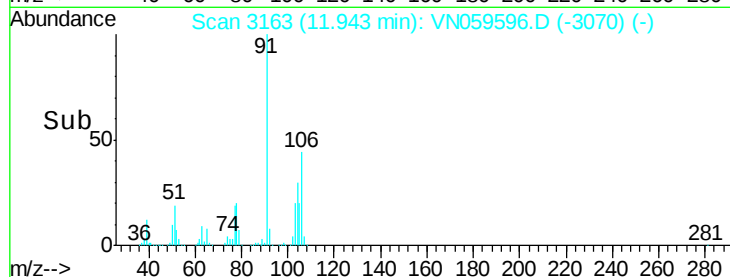
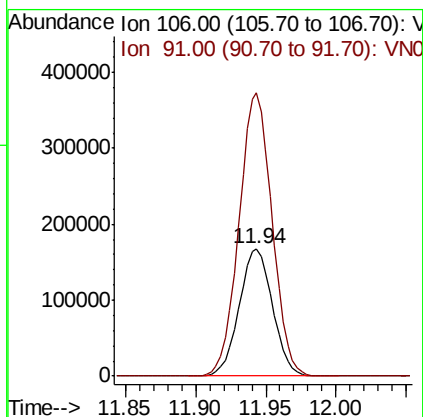
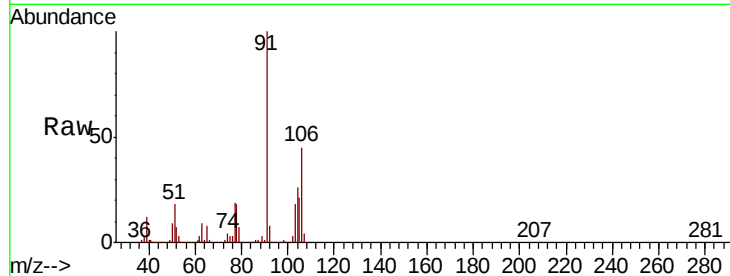




#69
o-Xylene
Concen: 58.853 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

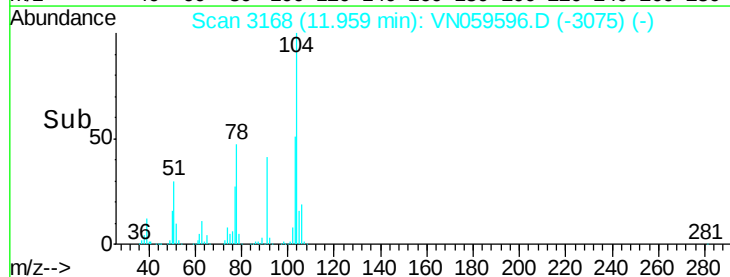
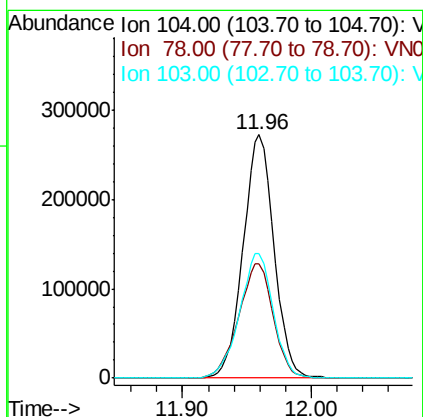
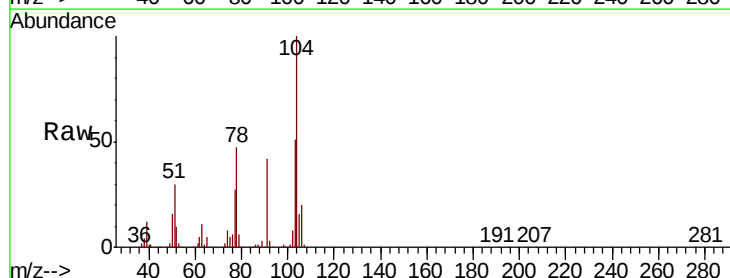
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

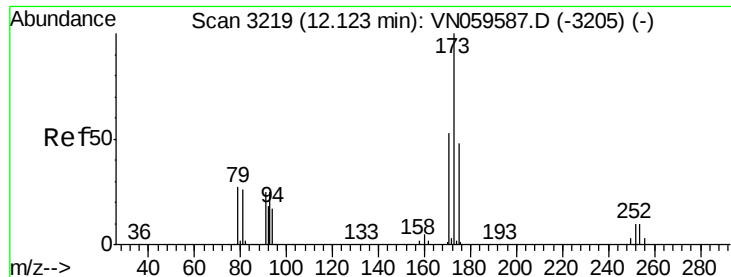
Tgt Ion:106 Resp: 278064
Ion Ratio Lower Upper
106 100
91 220.4 110.3 330.9



#70
Styrene
Concen: 59.862 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion:104 Resp: 454426
Ion Ratio Lower Upper
104 100
78 52.8 42.4 63.6
103 55.9 43.9 65.9





#71

Bromoform

Concen: 60.708 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

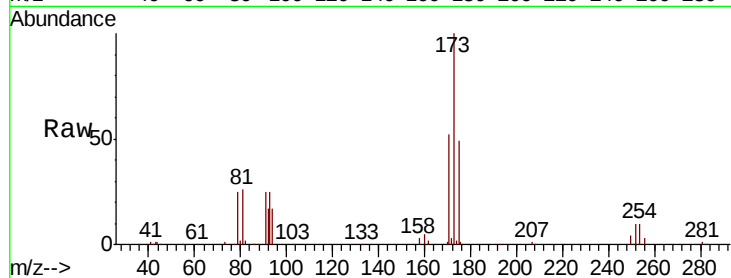
Tgt Ion:173 Resp: 129128

Ion Ratio Lower Upper

173 100

175 48.4 23.8 71.4

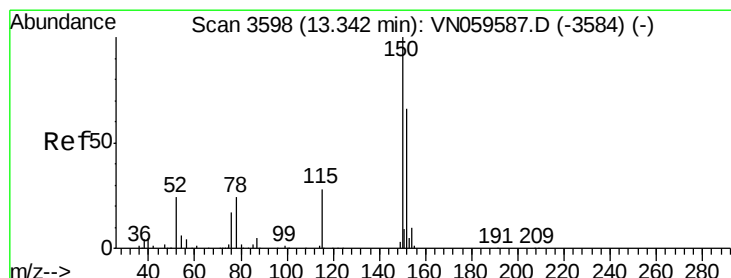
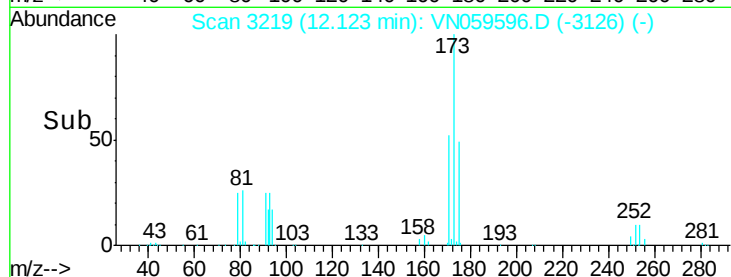
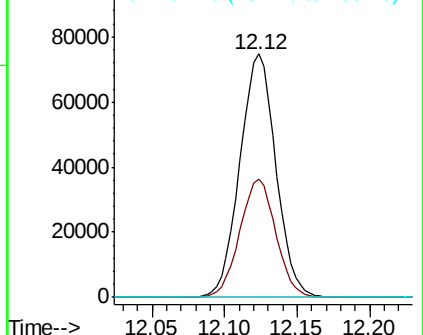
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

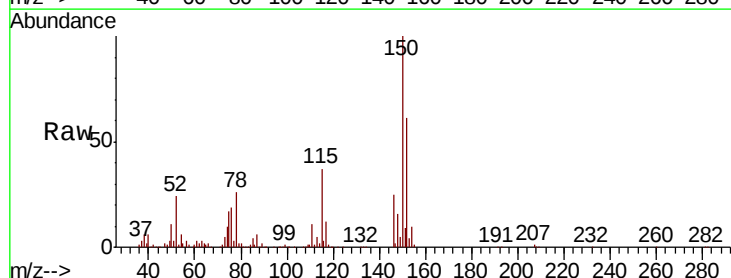
Tgt Ion:152 Resp: 164989

Ion Ratio Lower Upper

152 100

115 60.7 30.3 90.9

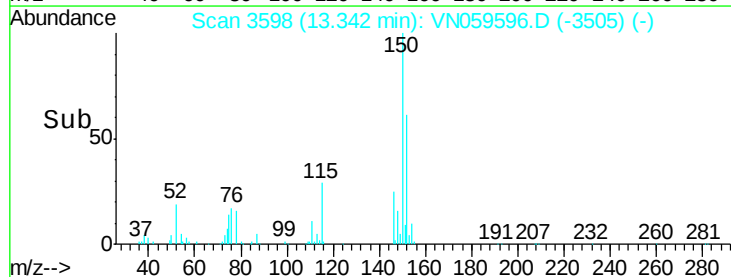
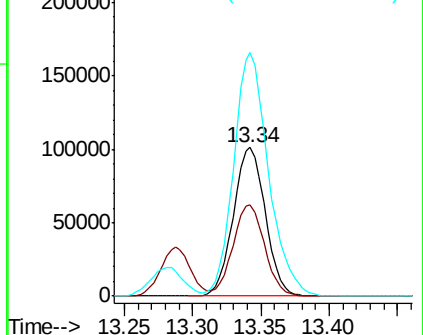
150 177.9 0.0 345.2

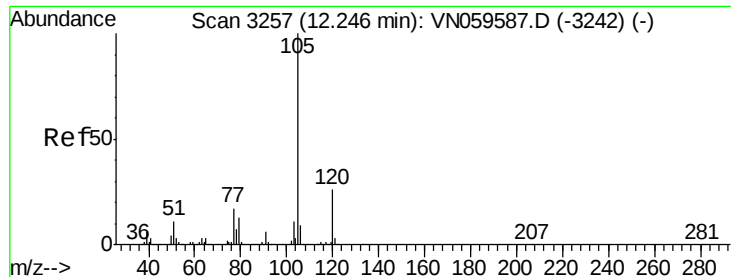


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 58.592 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

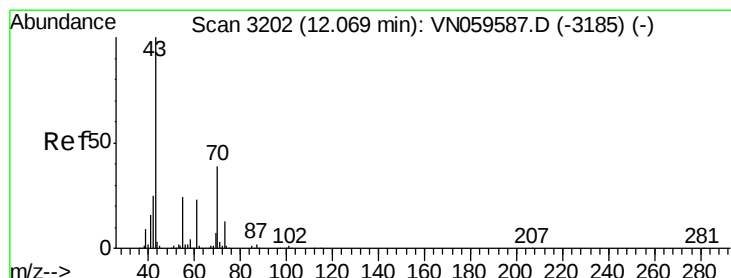
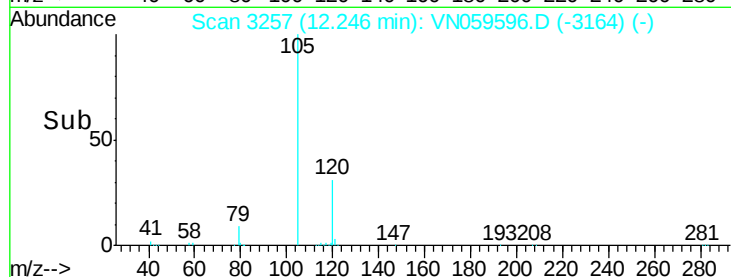
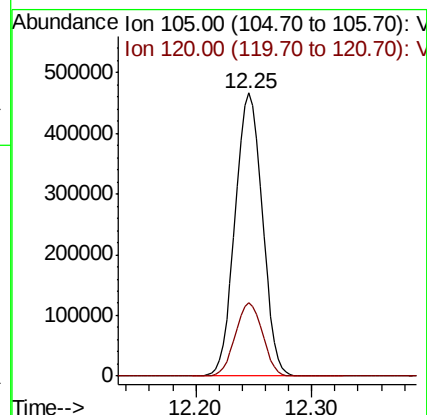
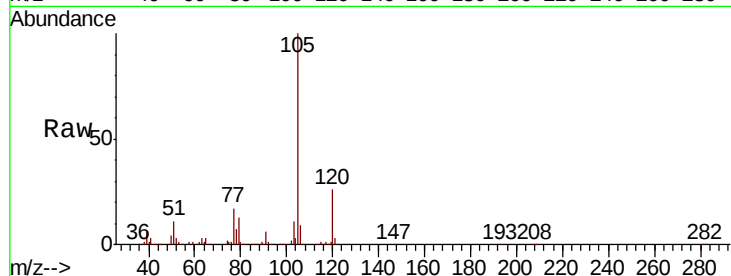
VSTDCCC050

Tgt Ion: 105 Resp: 758868

Ion Ratio Lower Upper

105 100

120 25.8 13.2 39.5



#74

N-ethyl acetate

Concen: 59.396 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion: 43 Resp: 352871

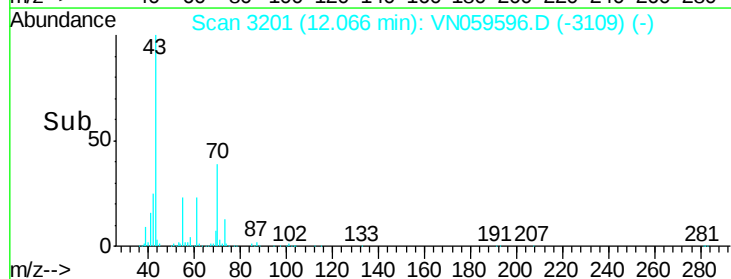
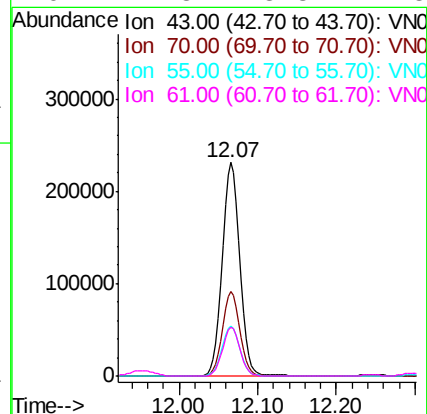
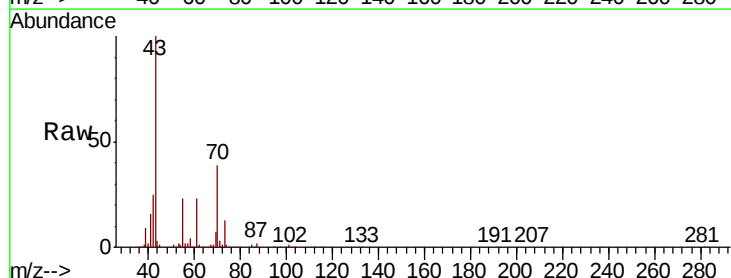
Ion Ratio Lower Upper

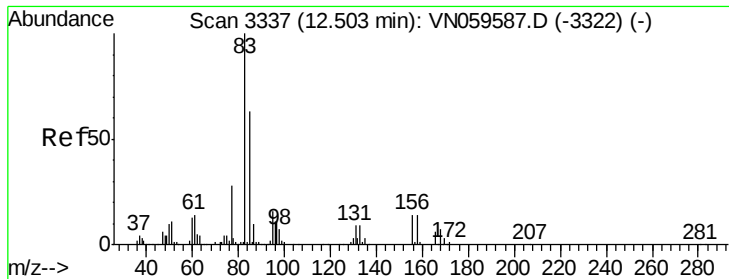
43 100

70 39.6 31.3 46.9

55 24.0 19.8 29.6

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.573 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

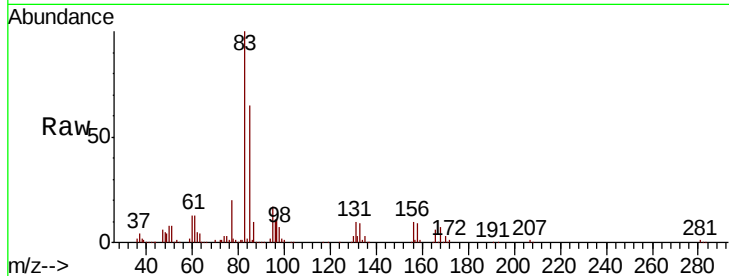
Tgt Ion: 83 Resp: 232427

Ion Ratio Lower Upper

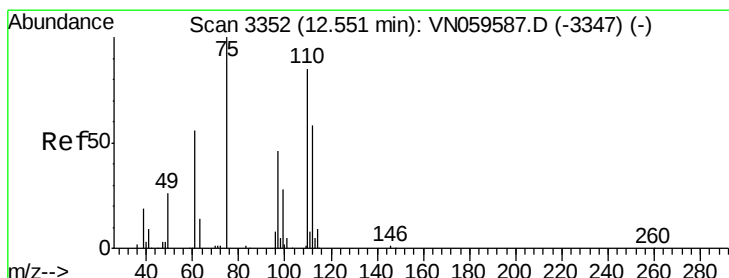
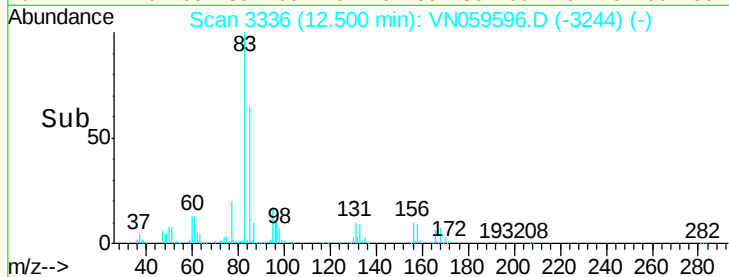
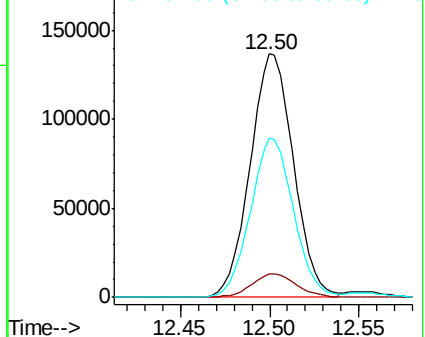
83 100

131 9.9 5.0 14.9

85 64.8 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 84.738 ug/l

RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN059596.D

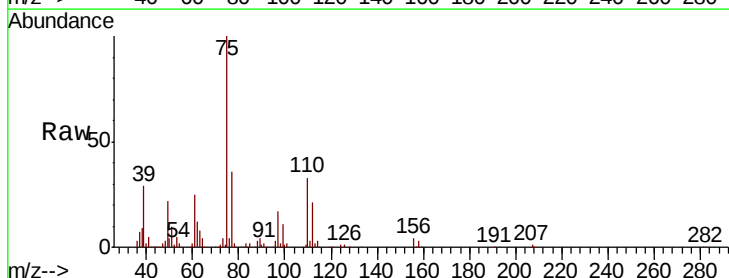
Acq: 16 Dec 2019 12:00

Tgt Ion: 75 Resp: 346102

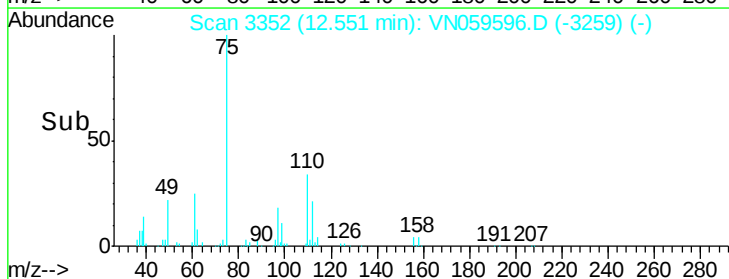
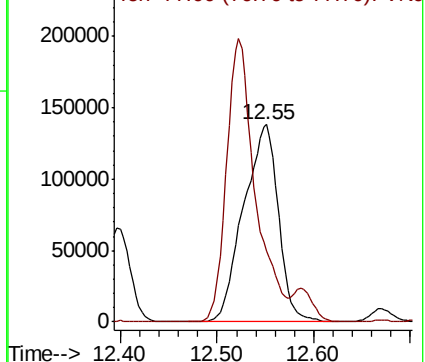
Ion Ratio Lower Upper

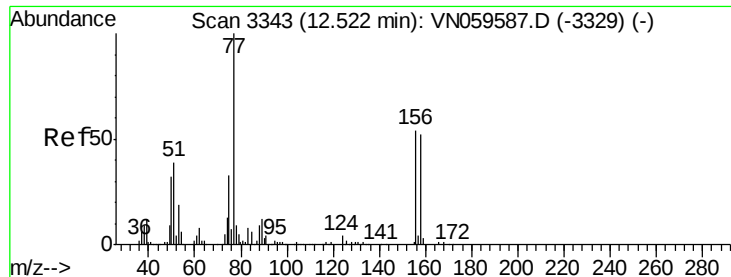
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 55.358 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

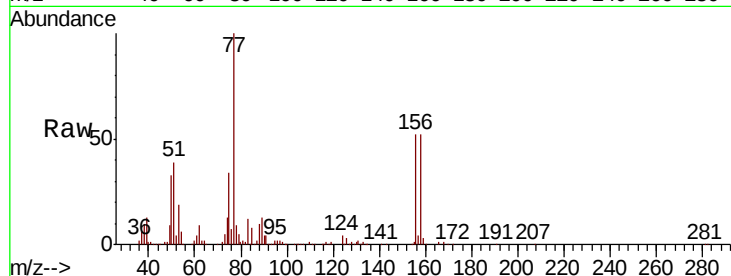
Tgt Ion:156 Resp: 176321

Ion Ratio Lower Upper

156 100

77 233.7 115.8 347.4

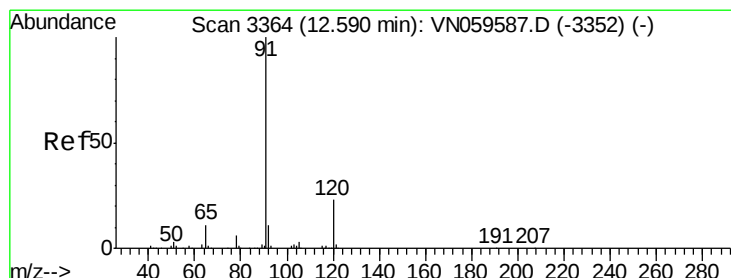
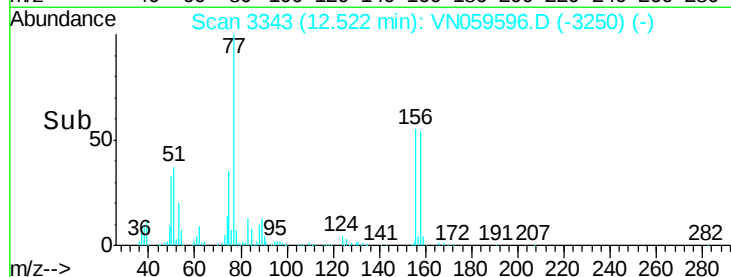
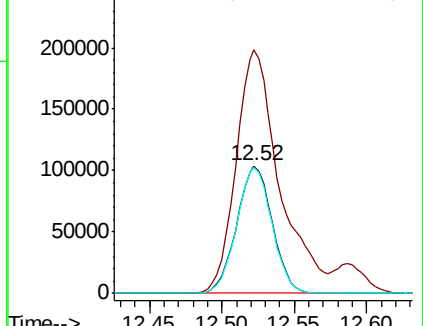
158 98.1 49.2 147.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 59.383 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059596.D

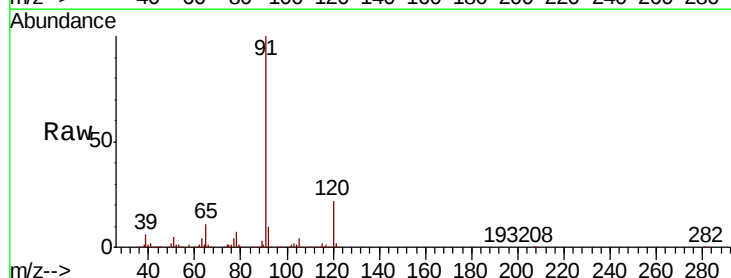
Acq: 16 Dec 2019 12:00

Tgt Ion: 91 Resp: 909160

Ion Ratio Lower Upper

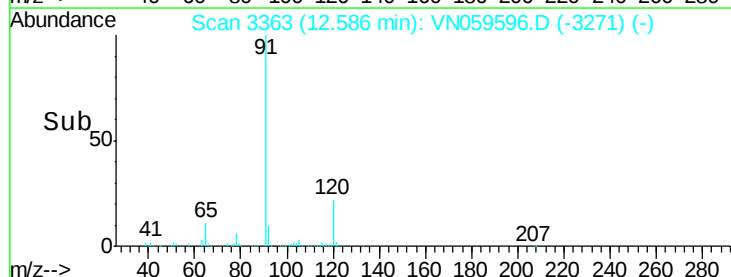
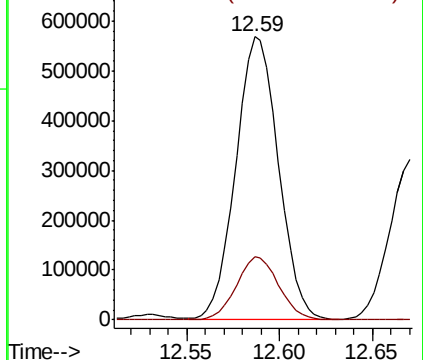
91 100

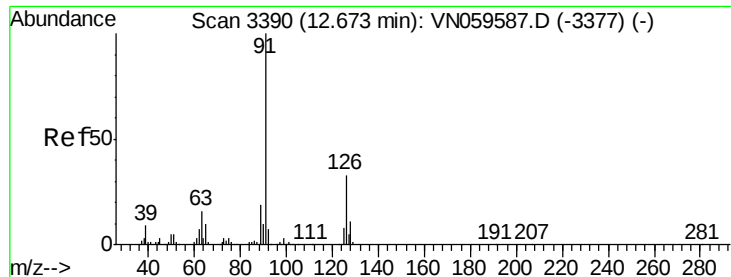
120 22.0 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 57.220 ug/l

RT: 12.67 min Scan# 3389

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

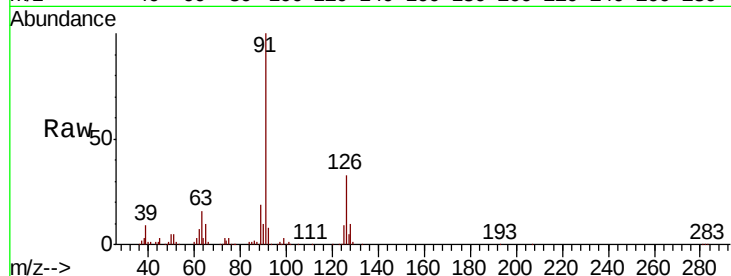
VSTDCCC050

Tgt Ion: 91 Resp: 529724

Ion Ratio Lower Upper

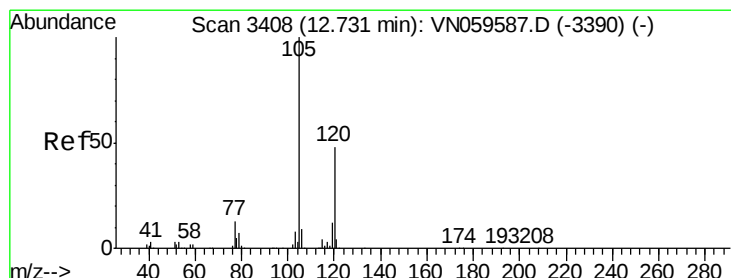
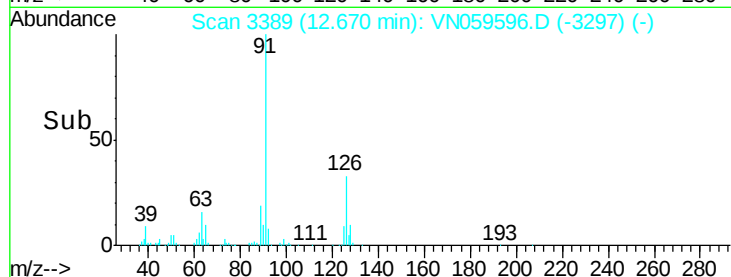
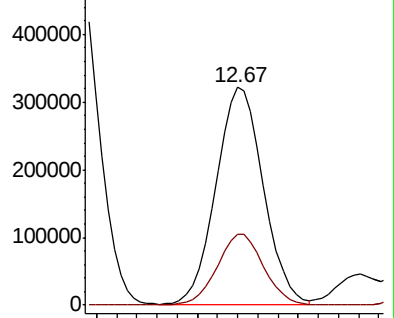
91 100

126 32.1 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3377) (-)

Ion 125.90 (125.60 to 126.60): VN059587.D (-3377) (-)



#80

1,3,5-Trimethylbenzene

Concen: 58.623 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN059596.D

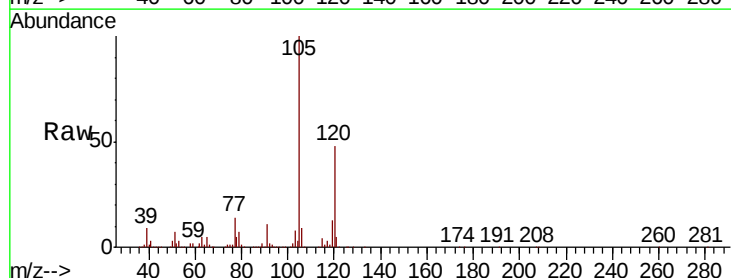
Acq: 16 Dec 2019 12:00

Tgt Ion: 105 Resp: 642534

Ion Ratio Lower Upper

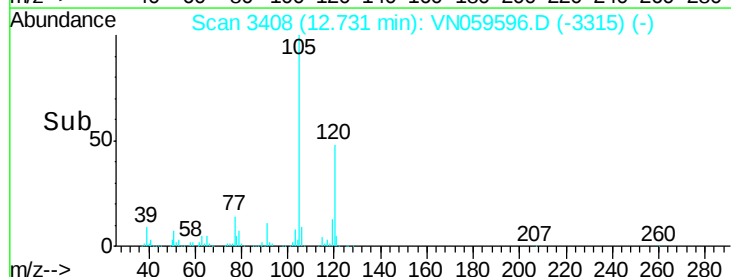
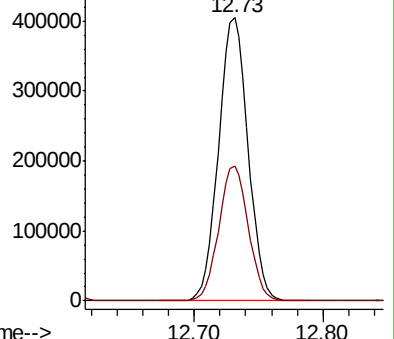
105 100

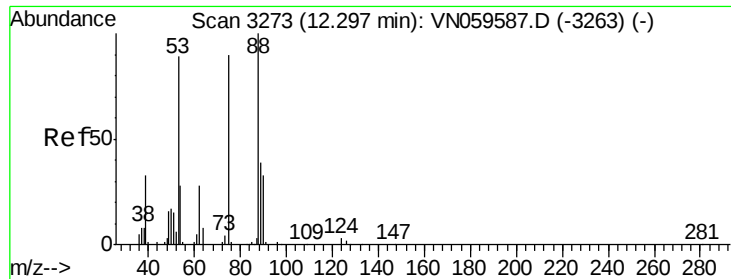
120 48.0 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): VN059587.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN059587.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 56.897 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

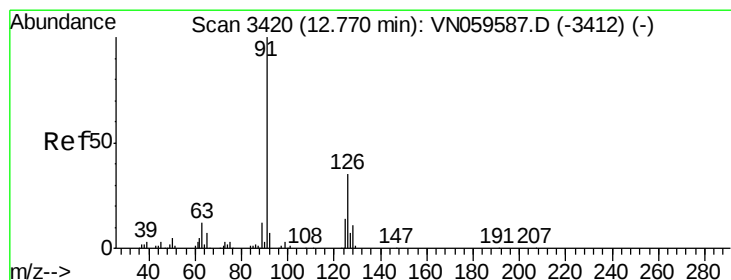
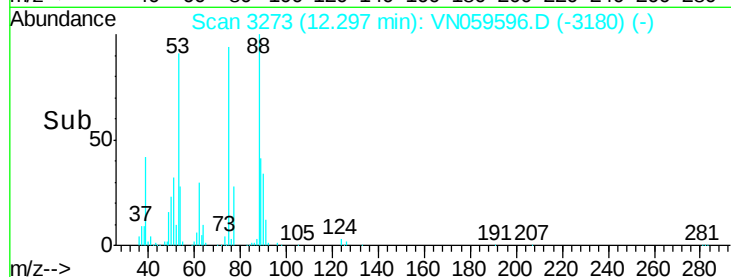
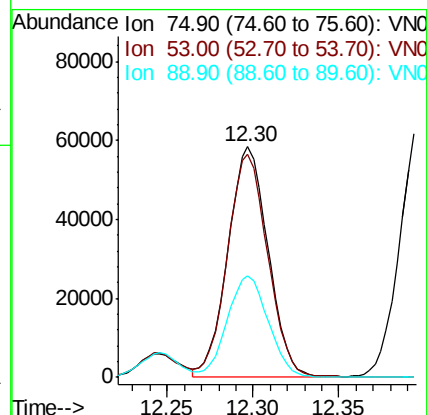
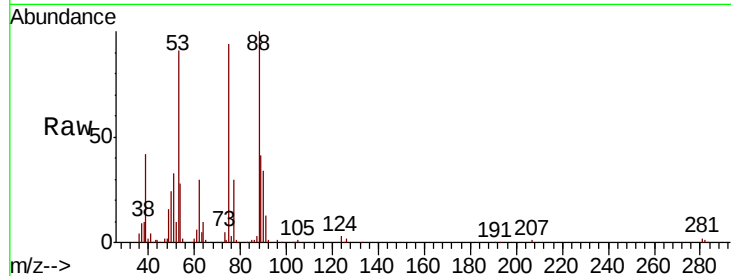
Tgt Ion: 75 Resp: 94089

Ion Ratio Lower Upper

75 100

53 98.4 78.1 117.1

89 45.5 35.4 53.2



#82

4-Chlorotoluene

Concen: 58.331 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059596.D

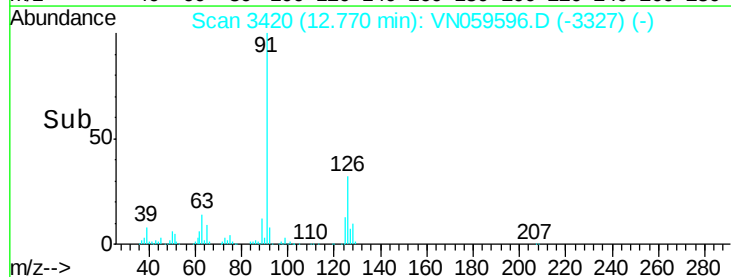
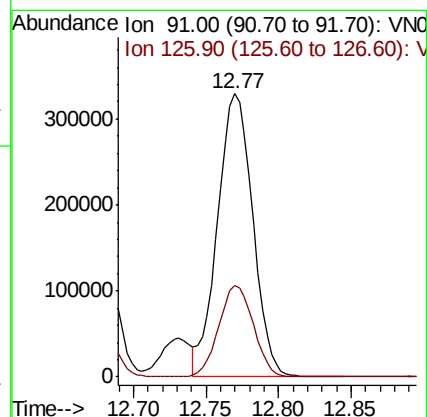
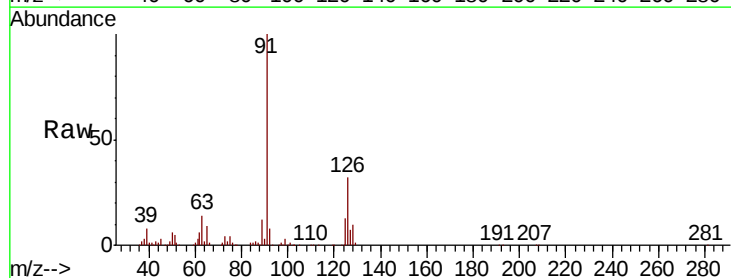
Acq: 16 Dec 2019 12:00

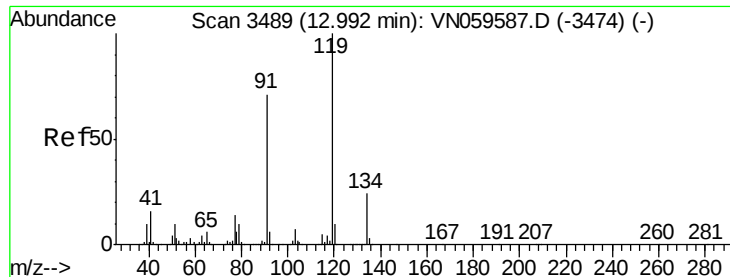
Tgt Ion: 91 Resp: 552906

Ion Ratio Lower Upper

91 100

126 31.8 16.3 48.8





#83

tert-Butylbenzene

Concen: 57.647 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

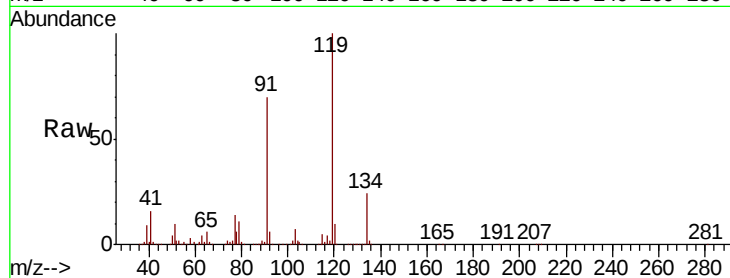
Tgt Ion:119 Resp: 535073

Ion Ratio Lower Upper

119 100

91 69.0 34.8 104.4

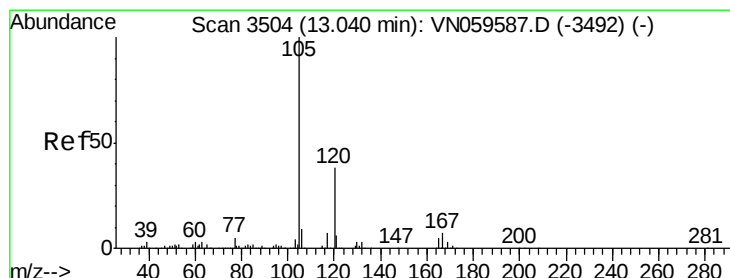
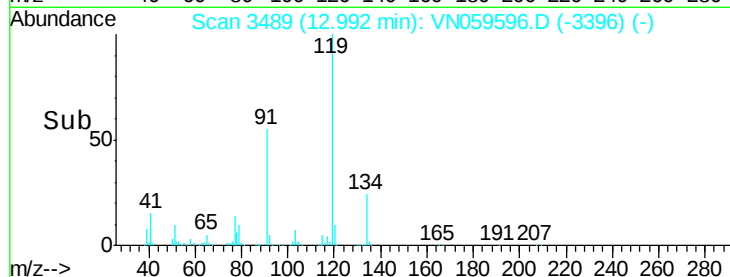
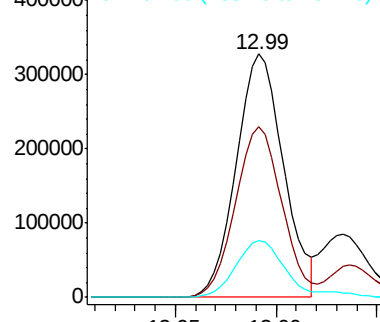
134 25.1 12.3 36.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 59.404 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. -0.00 min

Lab File: VN059596.D

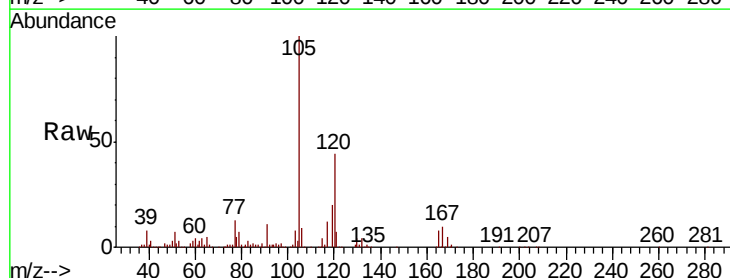
Acq: 16 Dec 2019 12:00

Tgt Ion:105 Resp: 647411

Ion Ratio Lower Upper

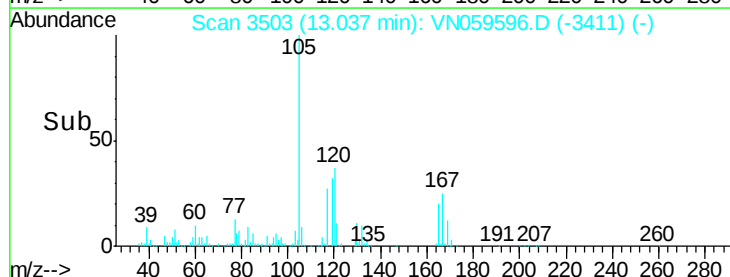
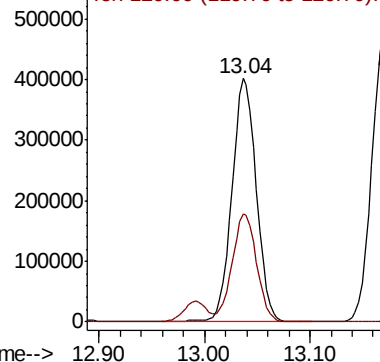
105 100

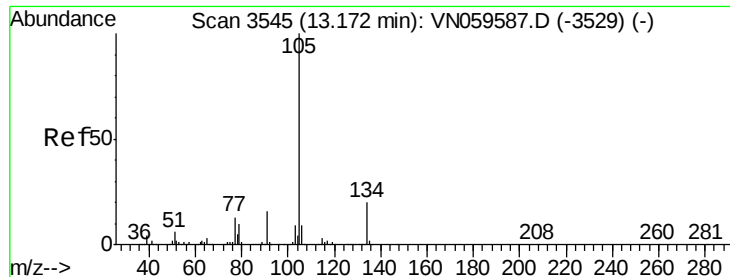
120 44.7 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 59.280 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

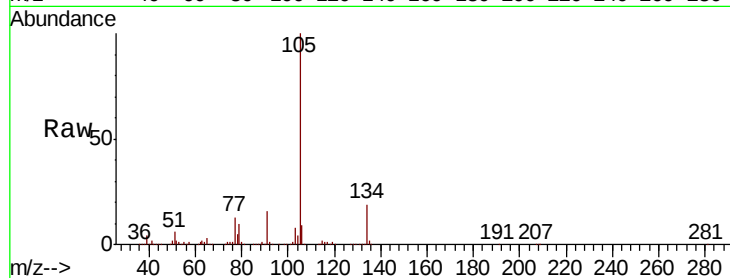
VSTDCCC050

Tgt Ion:105 Resp: 731923

Ion Ratio Lower Upper

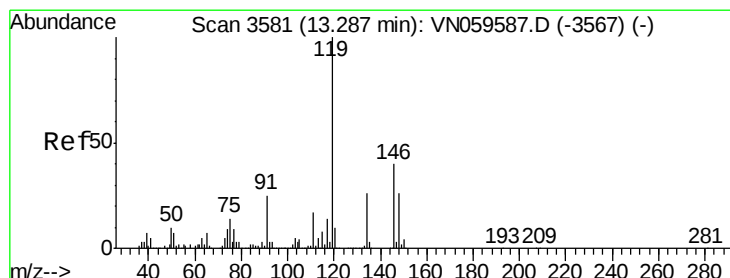
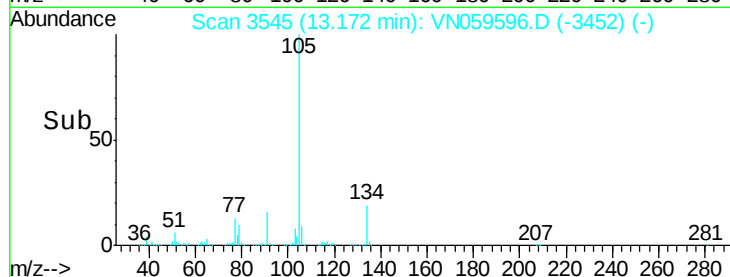
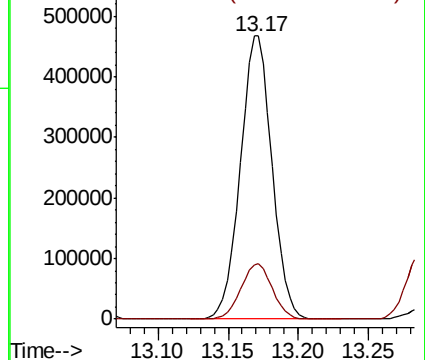
105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 60.155 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

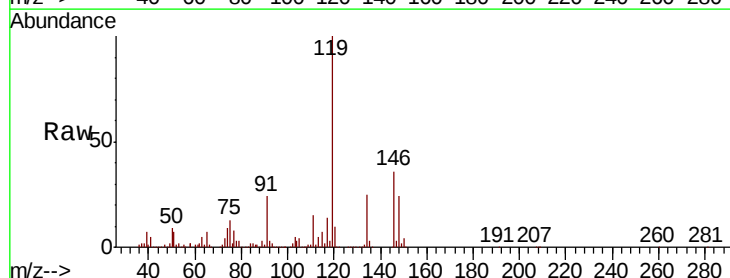
Tgt Ion:119 Resp: 672692

Ion Ratio Lower Upper

119 100

134 25.6 12.9 38.7

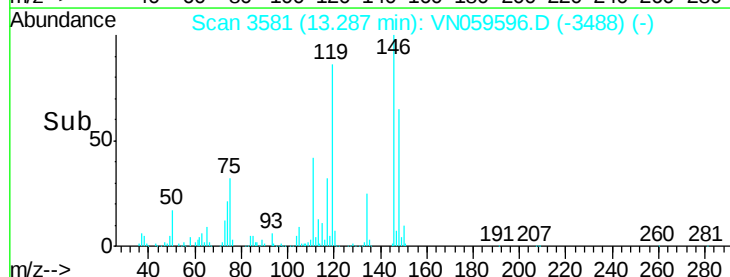
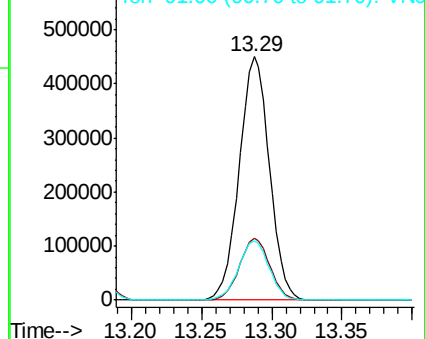
91 24.7 12.4 37.4

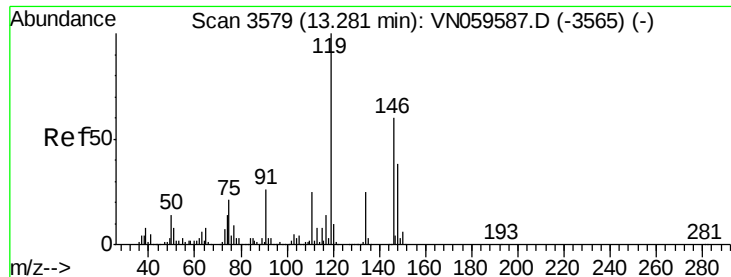


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 55.410 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

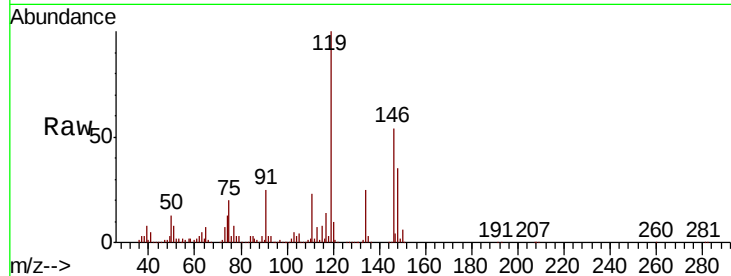
Tgt Ion:146 Resp: 324534

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.2

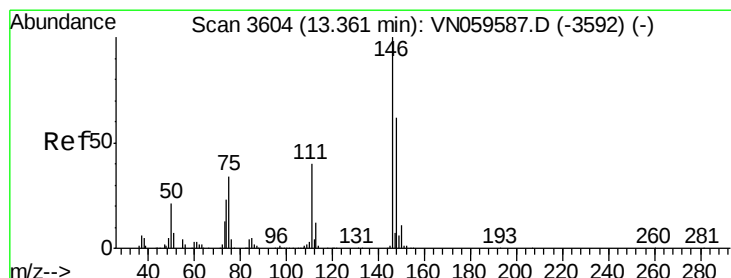
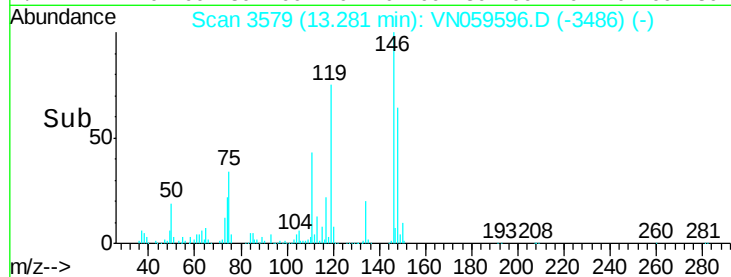
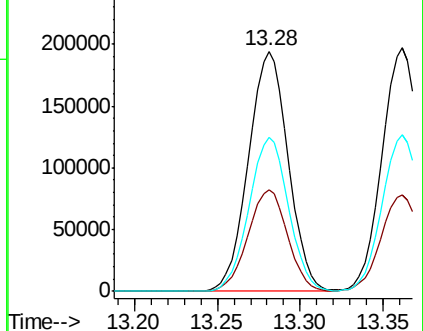
148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 54.699 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

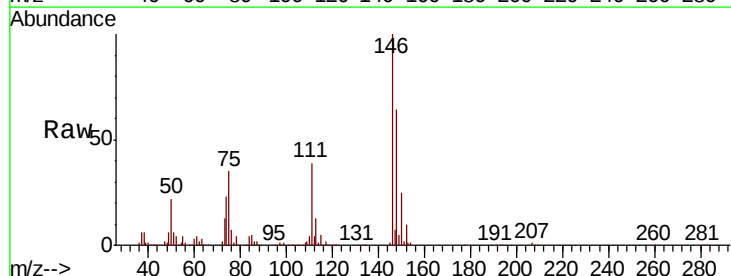
Tgt Ion:146 Resp: 323006

Ion Ratio Lower Upper

146 100

111 40.4 20.8 62.2

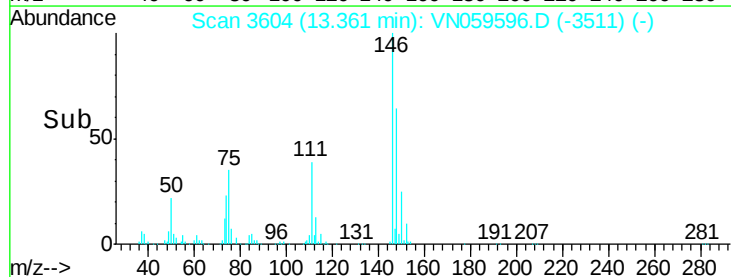
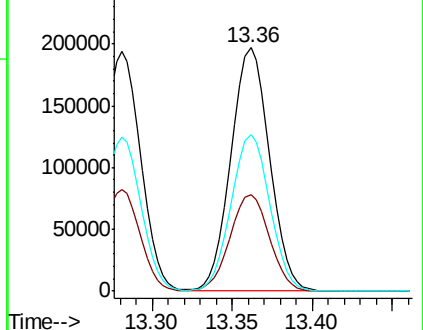
148 64.5 31.8 95.4

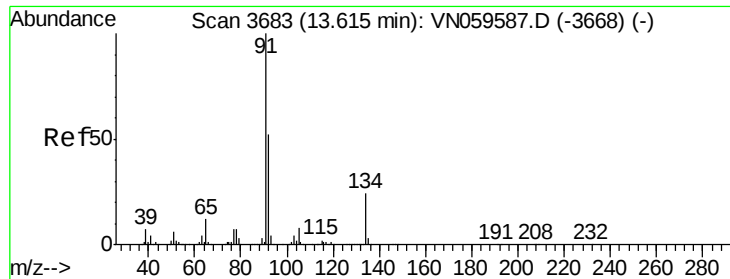


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 58.905 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

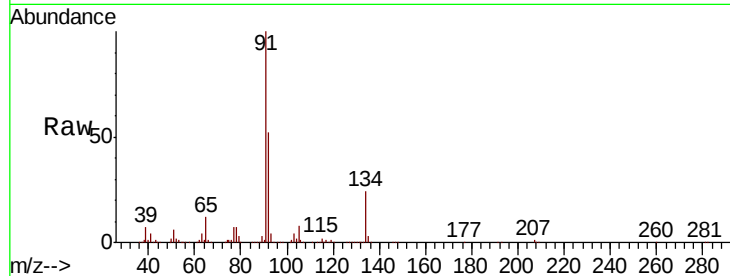
Tgt Ion: 91 Resp: 617572

Ion Ratio Lower Upper

91 100

92 51.9 25.9 77.7

134 24.8 12.3 36.8

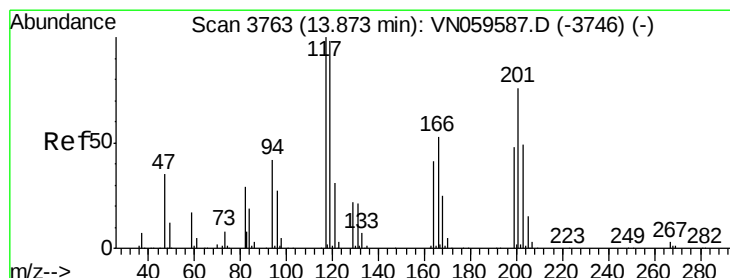
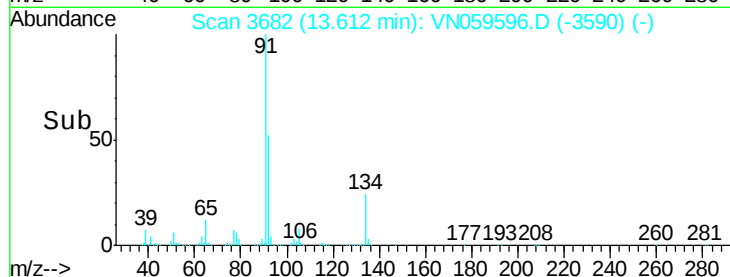


Abundance Ion 91.00 (90.70 to 91.70): VN059587.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN059587.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN059587.D (-3668) (-)

Time-->



#90

Hexachloroethane

Concen: 59.340 ug/l

RT: 13.87 min Scan# 3763

Delta R.T. 0.00 min

Lab File: VN059596.D

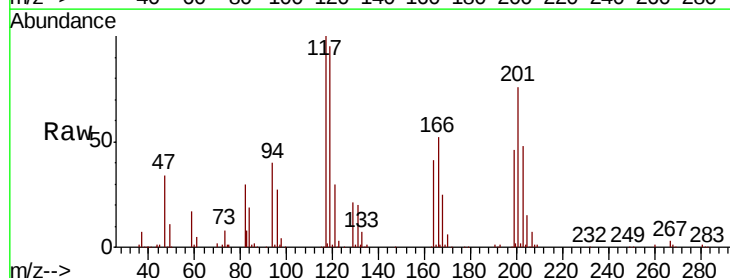
Acq: 16 Dec 2019 12:00

Tgt Ion: 117 Resp: 125430

Ion Ratio Lower Upper

117 100

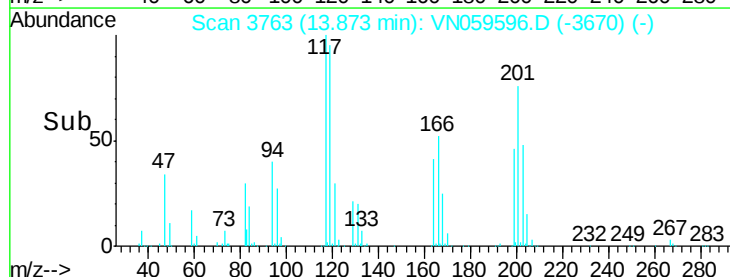
201 75.8 37.8 113.4

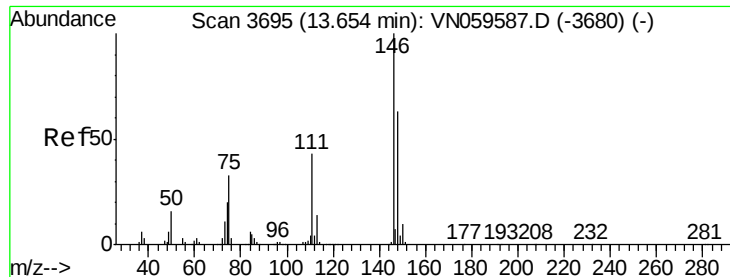


Abundance Ion 116.80 (116.50 to 117.50): VN059587.D (-3746) (-)

Ion 200.70 (200.40 to 201.40): VN059587.D (-3746) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 55.165 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

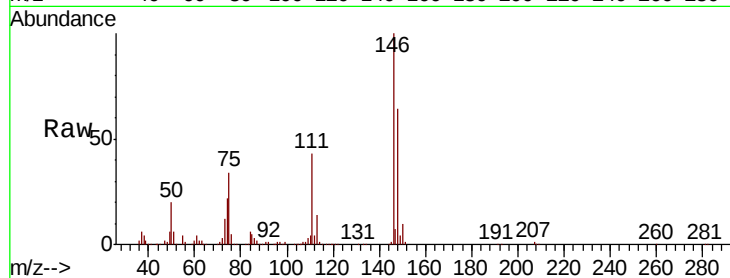
Tgt Ion:146 Resp: 318640

Ion Ratio Lower Upper

146 100

111 43.0 21.6 64.8

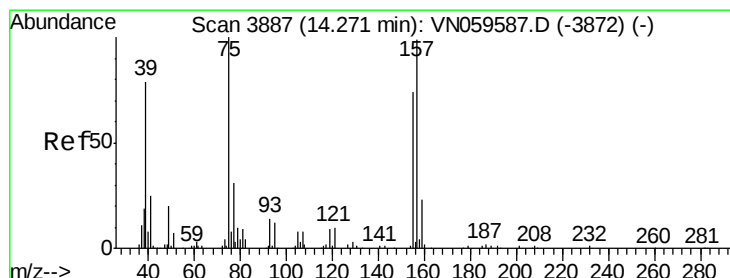
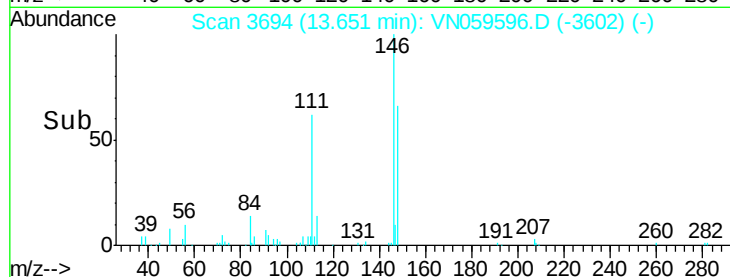
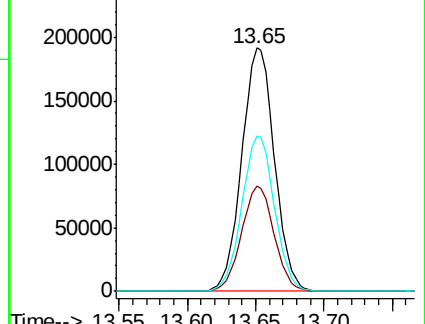
148 63.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.486 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

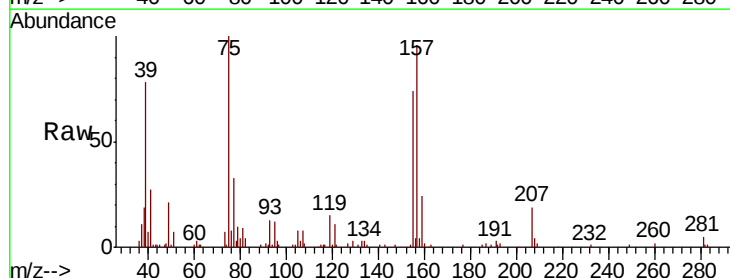
Tgt Ion: 75 Resp: 56235

Ion Ratio Lower Upper

75 100

155 75.2 37.0 110.9

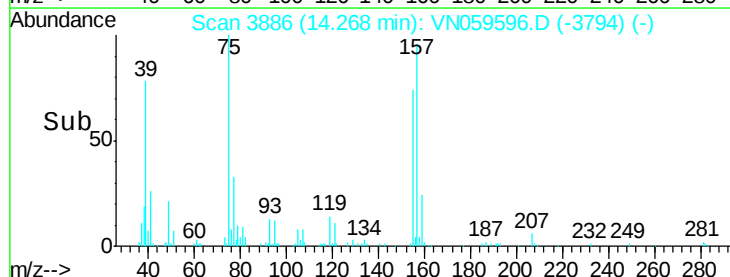
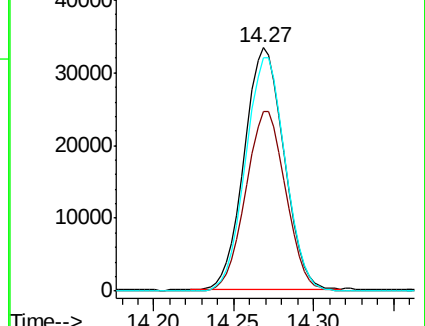
157 96.7 48.4 145.2

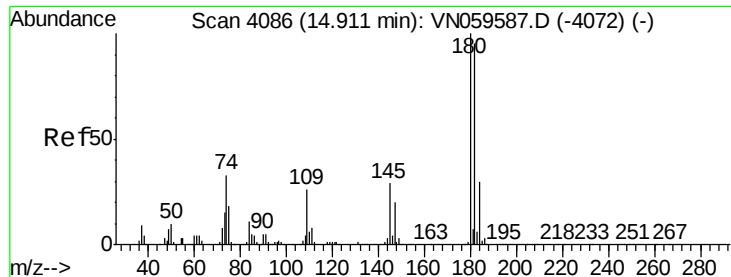


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

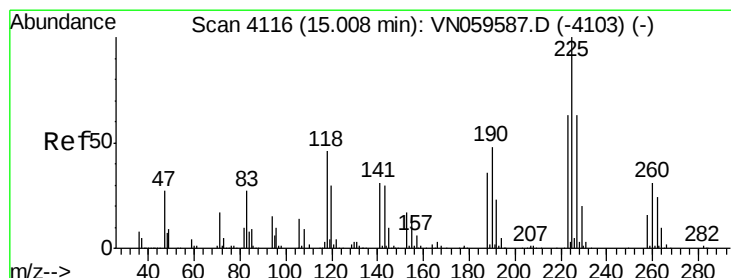
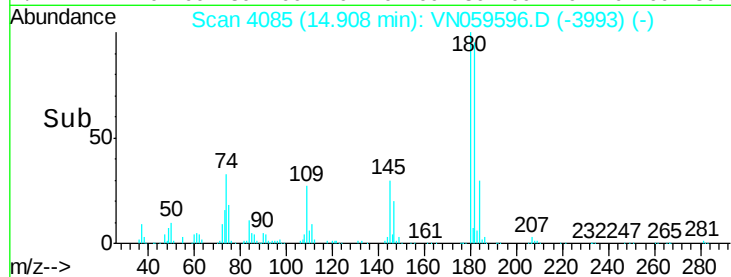
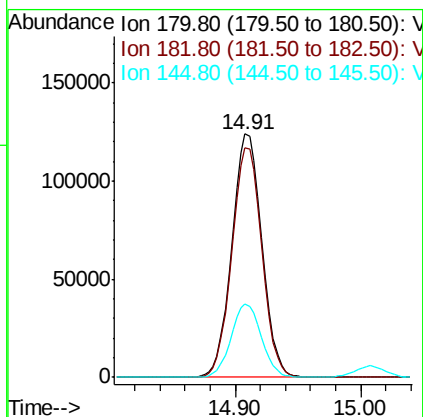
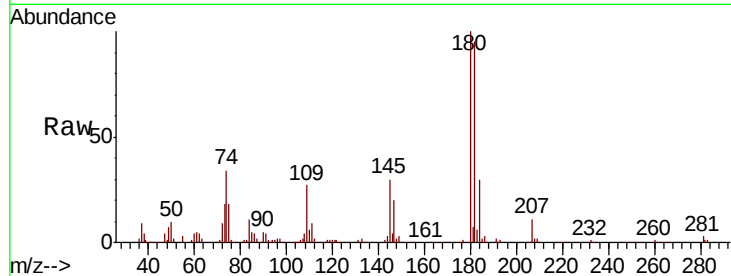




#93
 1,2,4-Trichlorobenzene
 Concen: 55.251 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

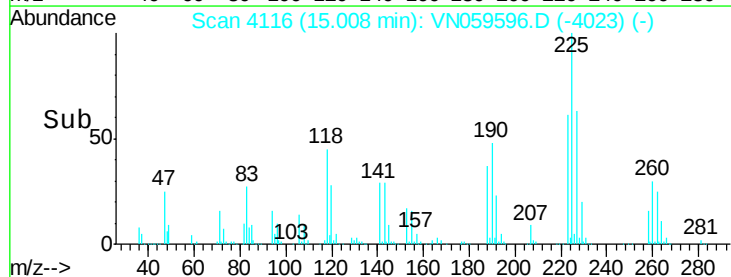
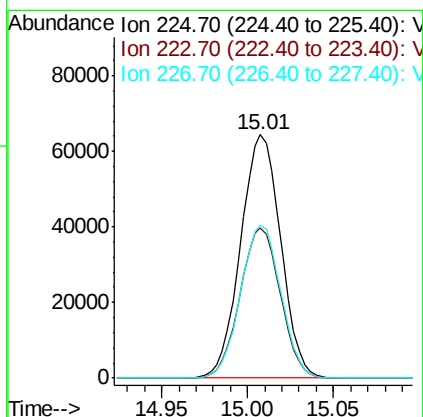
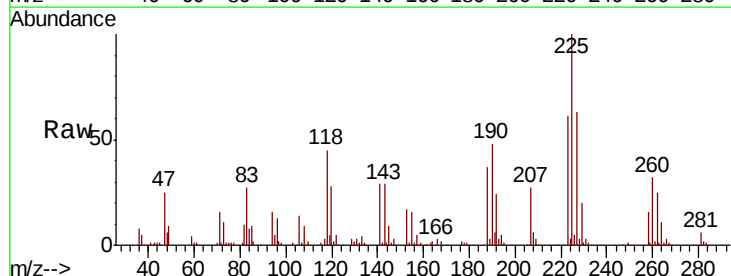
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

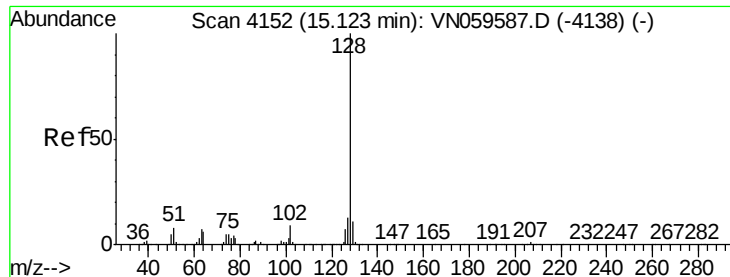
Tgt Ion:180 Resp: 206078
 Ion Ratio Lower Upper
 180 100
 182 94.4 46.9 140.7
 145 30.5 15.0 45.1



#94
 Hexachlorobutadiene
 Concen: 53.622 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion:225 Resp: 104004
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.8 95.3
 227 63.1 32.1 96.5





#95

Naphthalene

Concen: 55.068 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

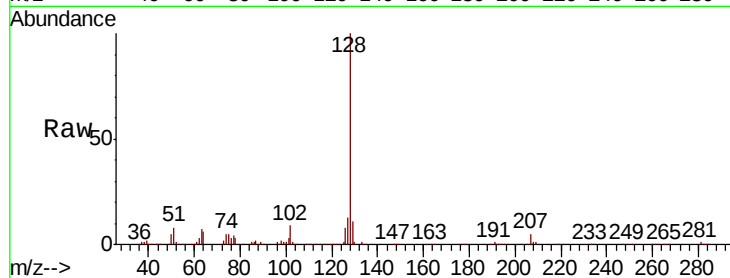
Tgt Ion:128 Resp: 613170

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

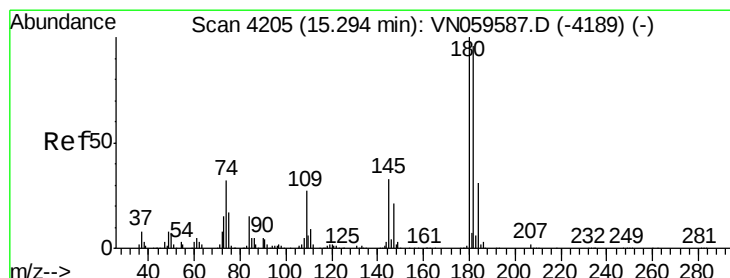
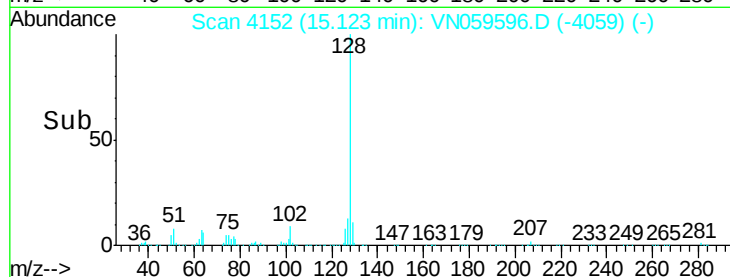
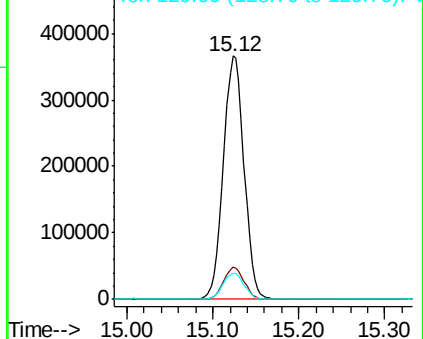
129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.448 ug/l

RT: 15.29 min Scan# 4205

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

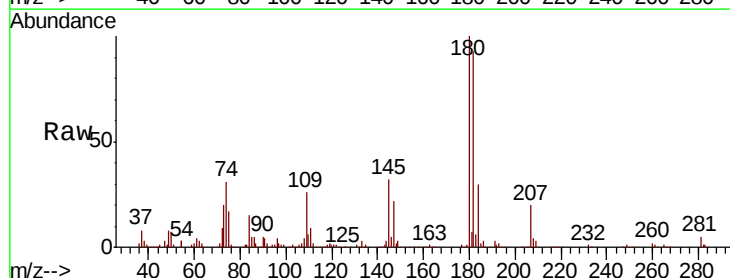
Tgt Ion:180 Resp: 201628

Ion Ratio Lower Upper

180 100

182 94.5 47.4 142.3

145 32.1 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

