

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121719\
 Data File : VN059643.D
 Acq On : 17 Dec 2019 22:06
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 18 05:52:31 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	247235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	400347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	372903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	177048	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.00	65	182591	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
35) Dibromofluoromethane	7.57	113	127041	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
50) Toluene-d8	10.08	98	495402	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	12.40	95	181746	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	153885	48.168	ug/l	98
3) Chloromethane	2.04	50	218109	43.021	ug/l	100
4) Vinyl Chloride	2.17	62	221398	46.051	ug/l	98
5) Bromomethane	2.52	94	117153	41.917	ug/l	99
6) Chloroethane	2.67	64	123053	45.541	ug/l	99
7) Trichlorofluoromethane	2.99	101	254425	48.233	ug/l	99
8) Diethyl Ether	3.38	74	84755	51.424	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.73	101	126420	47.557	ug/l	100
10) Methyl Iodide	3.92	142	171636	48.771	ug/l	99
11) Tert butyl alcohol	4.75	59	151564	229.795	ug/l	100
12) 1,1-Dichloroethene	3.71	96	122726	47.327	ug/l	93
13) Acrolein	3.58	56	90808	193.279	ug/l	99
14) Allyl chloride	4.29	41	252393	47.412	ug/l	98
15) Acrylonitrile	4.95	53	408851	256.269	ug/l	99
16) Acetone	3.79	43	453704	212.414	ug/l	99
17) Carbon Disulfide	4.02	76	385104	43.230	ug/l	100
18) Methyl Acetate	4.29	43	224416	50.141	ug/l	99
19) Methyl tert-butyl Ether	5.01	73	459205	50.154	ug/l	100
20) Methylene Chloride	4.52	84	145707	47.234	ug/l	98
21) trans-1,2-Dichloroethene	5.00	96	137235	47.472	ug/l	98
22) Diisopropyl ether	5.92	45	504940	51.450	ug/l	98
23) Vinyl Acetate	5.86	43	2081890	270.311	ug/l	99
24) 1,1-Dichloroethane	5.82	63	280636	50.480	ug/l	99
25) 2-Butanone	6.81	43	621947	243.501	ug/l	98
26) 2,2-Dichloropropane	6.80	77	227656	45.057	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	157098	49.042	ug/l	98
28) Bromochloromethane	7.17	49	117267	50.196	ug/l	98
29) Tetrahydrofuran	7.18	42	391618	251.646	ug/l	99
30) Chloroform	7.35	83	273600	49.998	ug/l	100
31) Cyclohexane	7.63	56	248981	47.398	ug/l	99
32) 1,1,1-Trichloroethane	7.54	97	238093	48.261	ug/l	99
36) 1,1-Dichloropropene	7.77	75	208128	49.851	ug/l	99
37) Ethyl Acetate	6.90	43	244115	50.307	ug/l	100
38) Carbon Tetrachloride	7.75	117	211824	48.894	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	233723	49.353	ug/l	99
40) Benzene	8.02	78	608142	49.843	ug/l	99
41) Methacrylonitrile	7.18	41	359525	179.527	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	233337	49.938	ug/l	100
43) Isopropyl Acetate	8.14	43	386074	51.174	ug/l	99
44) Trichloroethene	8.82	130	153722	48.100	ug/l	99
45) 1,2-Dichloropropane	9.10	63	167394	50.806	ug/l	98
46) Dibromomethane	9.19	93	106121	49.163	ug/l	99
47) Bromodichloromethane	9.39	83	219795	51.072	ug/l	99
48) Methyl methacrylate	9.18	41	174868	51.088	ug/l	98
49) 1,4-Dioxane	9.19	88	42088	858.036	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	1202596	267.356	ug/l	100
52) Toluene	10.14	92	368297	49.128	ug/l	100
53) t-1,3-Dichloropropene	10.37	75	246345	49.494	ug/l	100
54) cis-1,3-Dichloropropene	9.83	75	262566	50.186	ug/l	98
55) 1,1,2-Trichloroethane	10.55	97	146587	49.830	ug/l	99
56) Ethyl methacrylate	10.42	69	232033	53.131	ug/l	98
57) 1,3-Dichloropropane	10.70	76	258974	50.561	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	432007	311.036	ug/l	100
59) 2-Hexanone	10.74	43	910065	256.710	ug/l	100
60) Dibromochloromethane	10.90	129	164051	51.095	ug/l	100
61) 1,2-Dibromoethane	11.00	107	153049	49.056	ug/l	100
64) Tetrachloroethene	10.62	164	162061	46.620	ug/l	98
65) Chlorobenzene	11.43	112	381299	47.257	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.50	131	146766	47.888	ug/l	99
67) Ethyl Benzene	11.50	91	709857	48.739	ug/l	100
68) m/p-Xylenes	11.62	106	522929	97.232	ug/l	99
69) o-Xylene	11.94	106	247630	48.390	ug/l	99
70) Styrene	11.96	104	407215	49.528	ug/l	99
71) Bromoform	12.12	173	116217	50.446	ug/l #	98
73) Isopropylbenzene	12.25	105	673838	48.483	ug/l	100
74) N-amyl acetate	12.07	43	324341	50.875	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.50	83	217625	49.362	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	314336	71.718	ug/l #	100
77) Bromobenzene	12.52	156	159660	46.712	ug/l	98
78) n-propylbenzene	12.59	91	803808	48.926	ug/l	99
79) 2-Chlorotoluene	12.67	91	473497	47.663	ug/l	100
80) 1,3,5-Trimethylbenzene	12.73	105	569075	48.385	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	84642	47.698	ug/l	99
82) 4-Chlorotoluene	12.77	91	486636	47.842	ug/l	100
83) tert-Butylbenzene	12.99	119	472276	47.415	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	580123	49.604	ug/l	99
85) sec-Butylbenzene	13.17	105	644267	48.626	ug/l	99
86) p-Isopropyltoluene	13.29	119	584059	48.672	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	287531	45.749	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	284975	44.972	ug/l	100
89) n-Butylbenzene	13.61	91	531368	47.231	ug/l	99
90) Hexachloroethane	13.87	117	111877	49.323	ug/l	98
91) 1,2-Dichlorobenzene	13.65	146	284653	45.924	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	51536	43.056	ug/l	100

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QLast Update : Fri Dec 13 23:17:39 2019
Response via : Initial Calibration

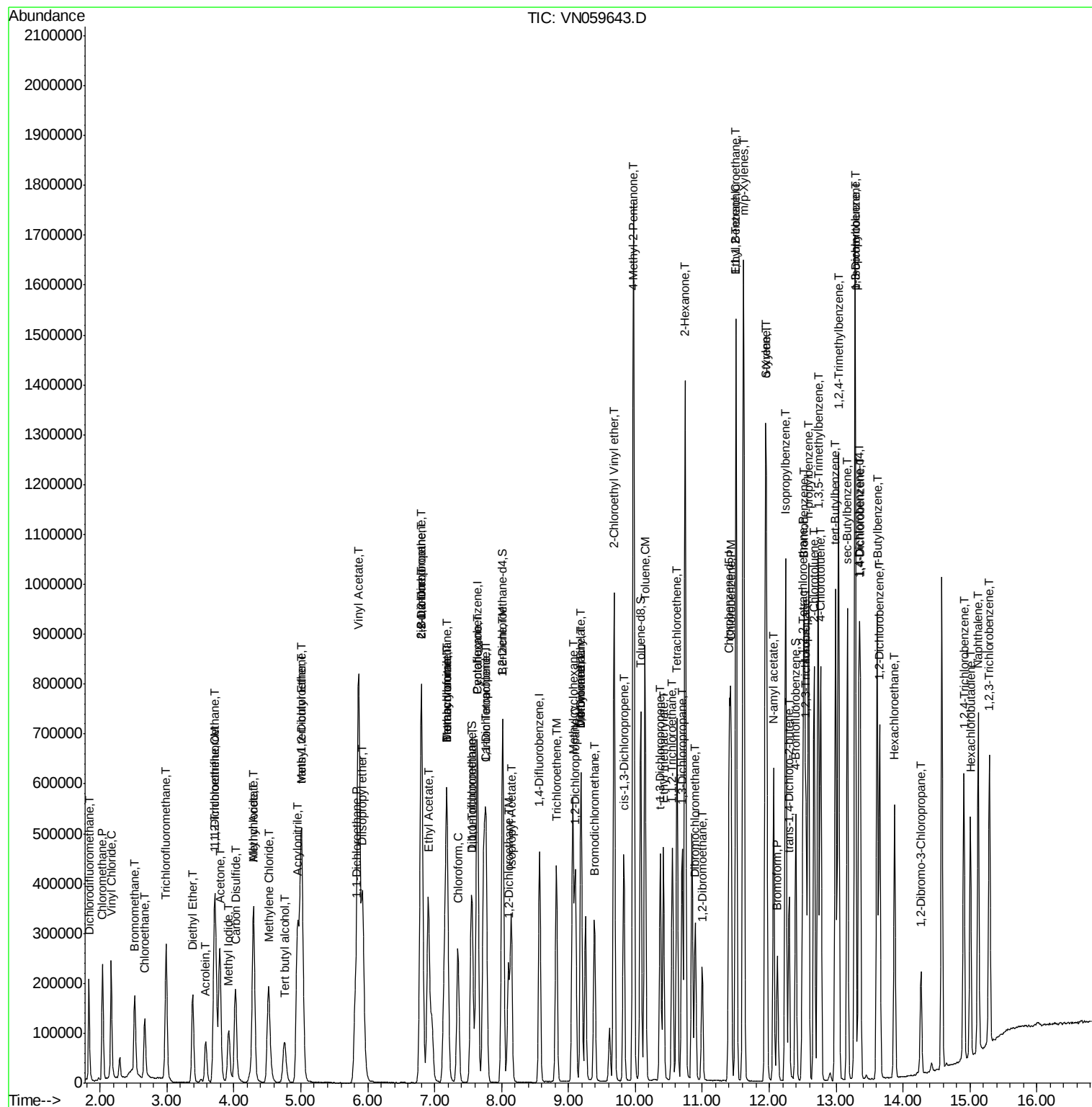
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	176431	44.080	ug/l	98
94) Hexachlorobutadiene	15.00	225	87120	41.562	ug/l	98
95) Naphthalene	15.12	128	522361	43.718	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	177201	43.773	ug/l	100

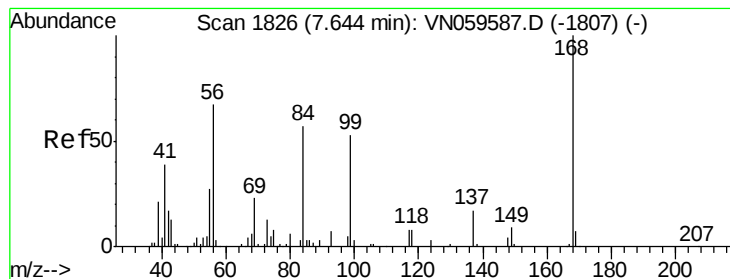
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

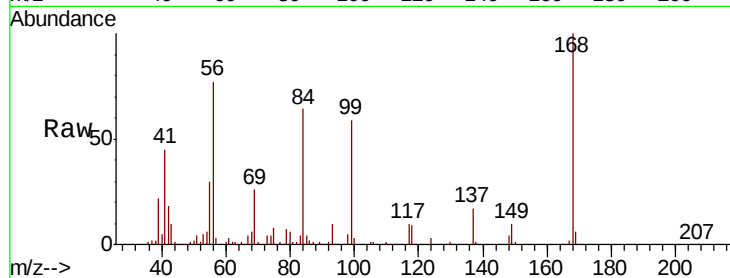
VSTDCCC050EC

Tot Ion:168 Resp: 247235

Ion Ratio Lower Upper

168 100

99 59.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

100000

80000

60000

40000

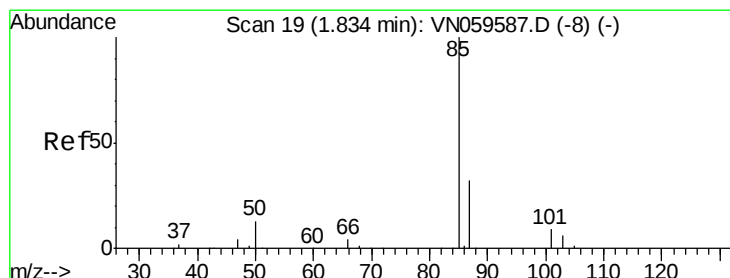
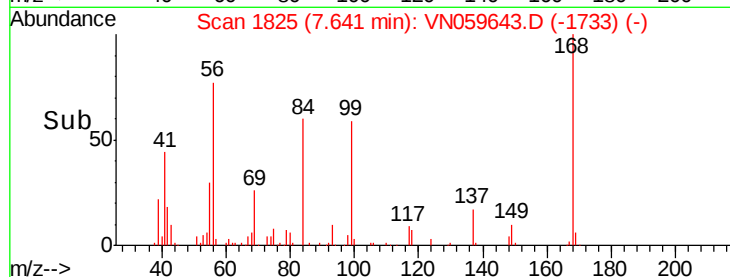
20000

0

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.168 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059643.D

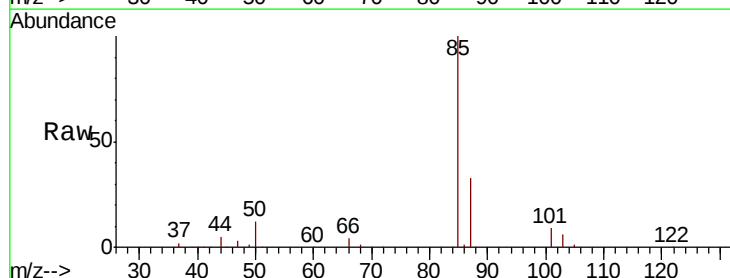
Acq: 17 Dec 2019 22:06

Tgt Ion: 85 Resp: 153885

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

100000

50000

0

1.75

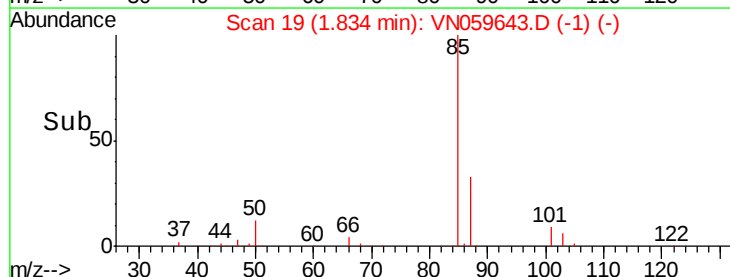
1.80

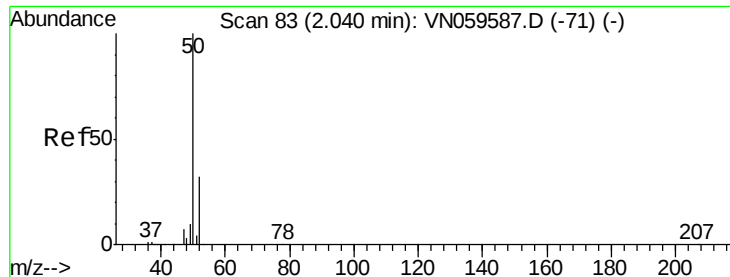
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 43.021 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

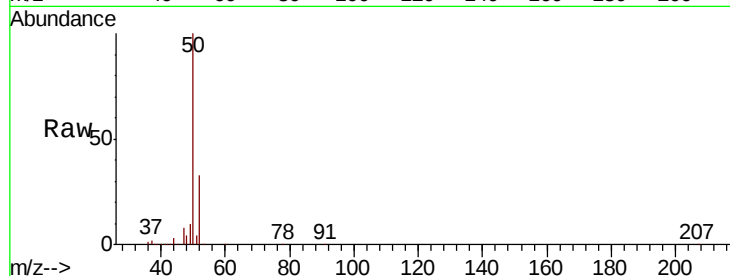
VSTDCCC050EC

Tot Ion: 50 Resp: 218109

Ion Ratio Lower Upper

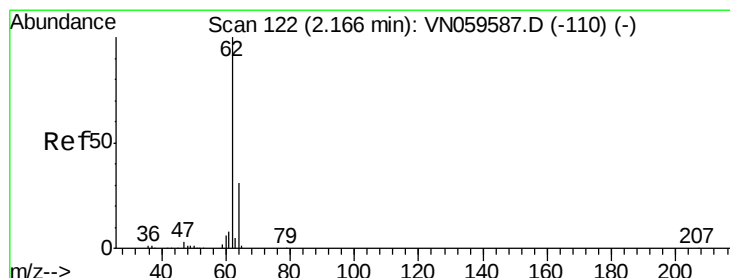
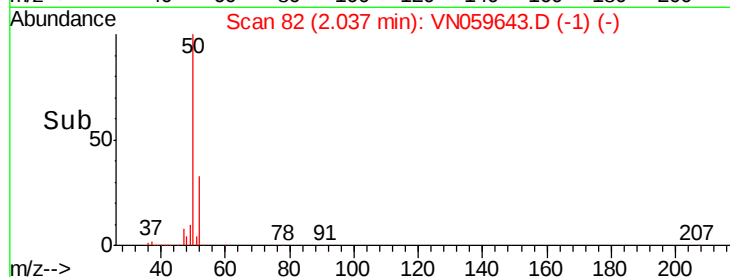
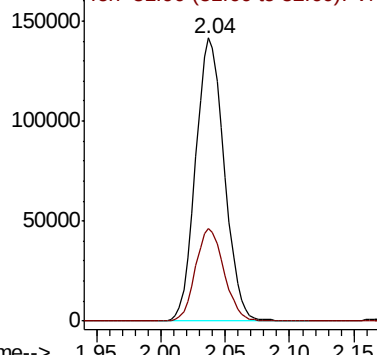
50 100

52 32.5 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 46.051 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.00 min

Lab File: VN059643.D

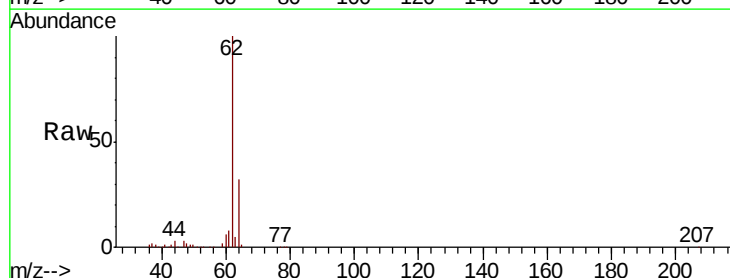
Acq: 17 Dec 2019 22:06

Tgt Ion: 62 Resp: 221398

Ion Ratio Lower Upper

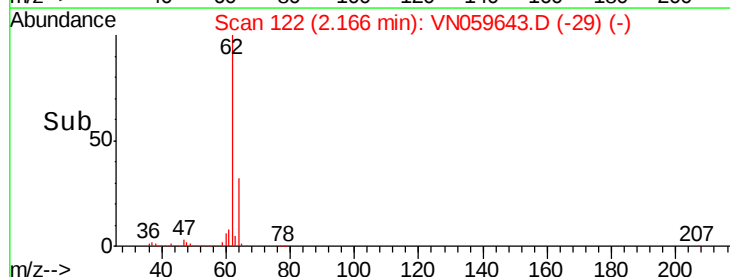
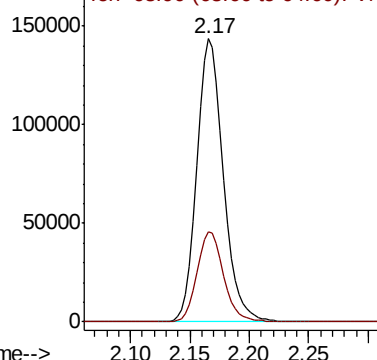
62 100

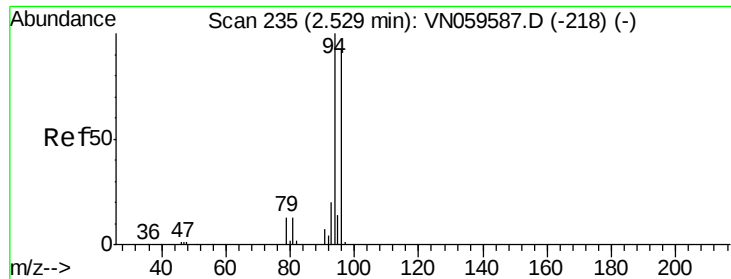
64 31.9 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 41.917 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.01 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

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ClientSampleId :

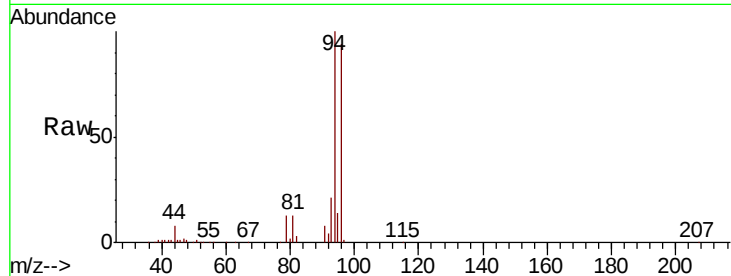
VSTDCCC050EC

Tot Ion: 94 Resp: 117153

Ion Ratio Lower Upper

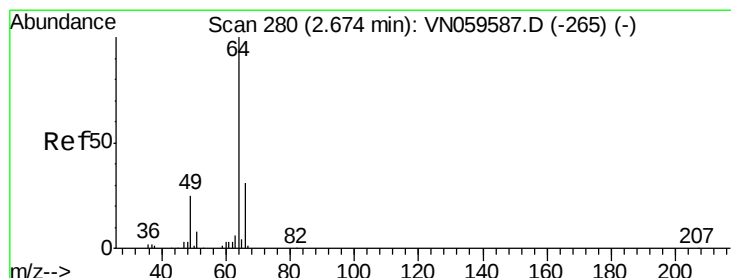
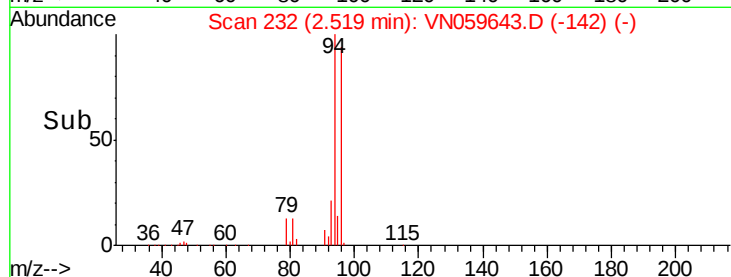
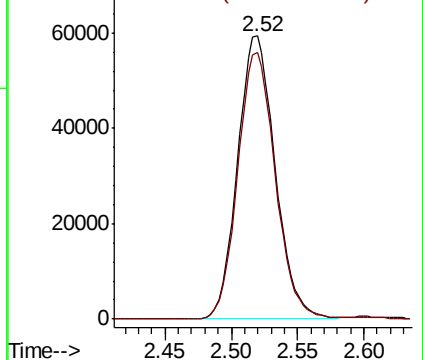
94 100

96 94.0 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 45.541 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.01 min

Lab File: VN059643.D

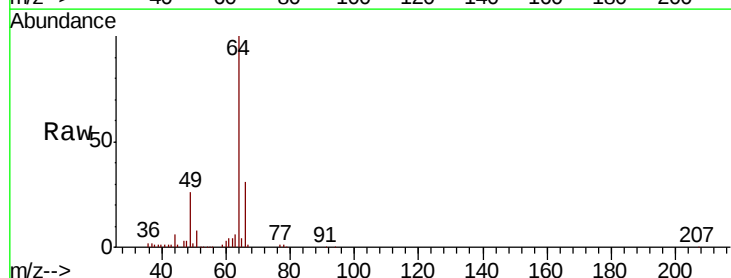
Acq: 17 Dec 2019 22:06

Tgt Ion: 64 Resp: 123053

Ion Ratio Lower Upper

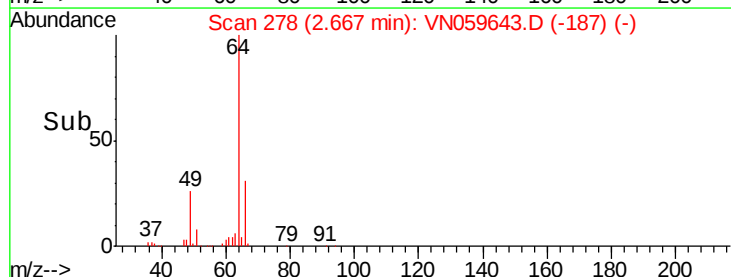
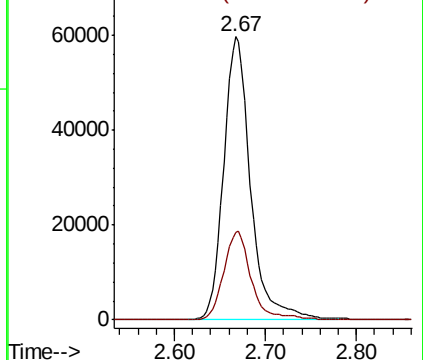
64 100

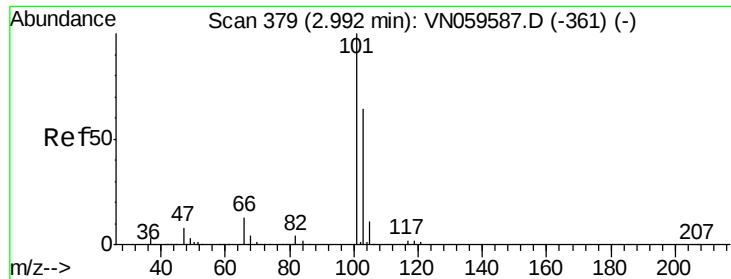
66 30.9 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



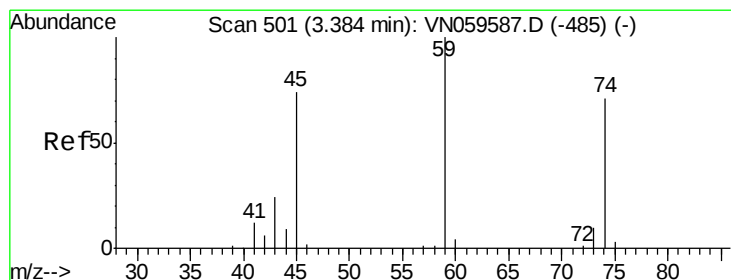
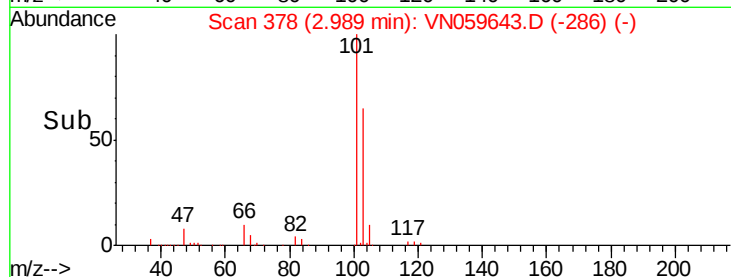
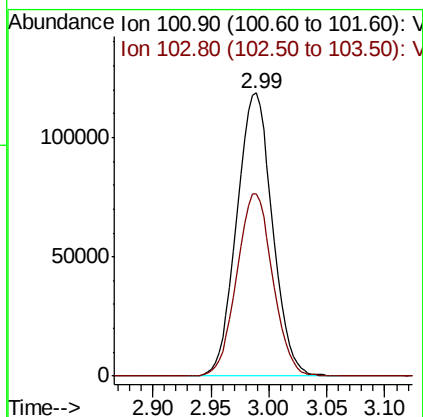
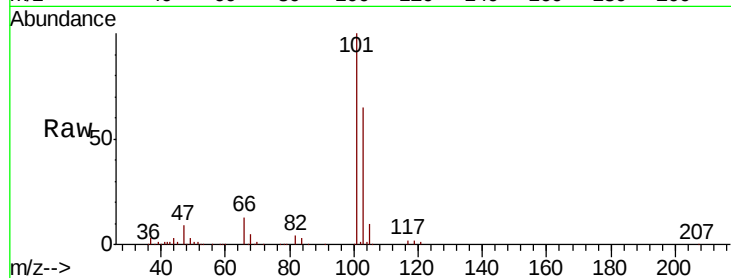


#7

Trichlorofluoromethane
Concen: 48.233 ug/l
RT: 2.99 min Scan# 378
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Instrument :
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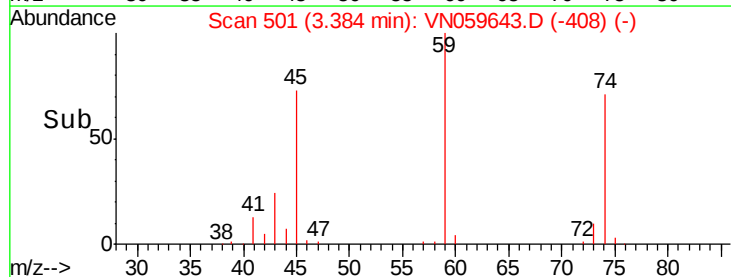
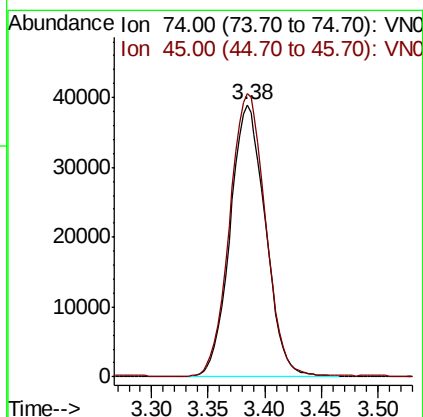
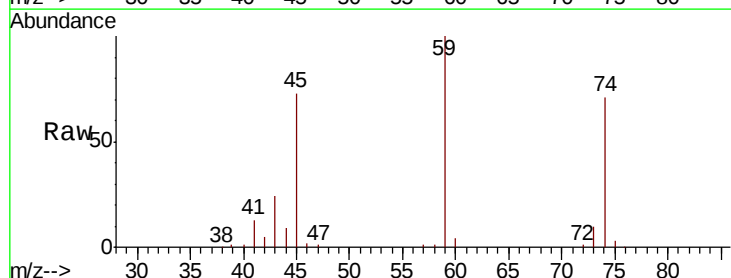
Tot Ion:101 Resp: 254425
Ion Ratio Lower Upper
101 100
103 64.6 51.0 76.6

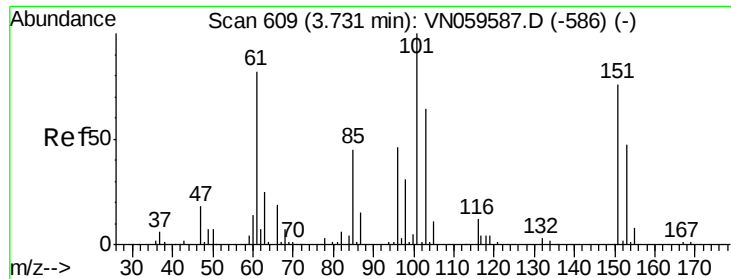


#8

Diethyl Ether
Concen: 51.424 ug/l
RT: 3.38 min Scan# 501
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 74 Resp: 84755
Ion Ratio Lower Upper
74 100
45 106.2 51.9 155.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.557 ug/l

RT: 3.73 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

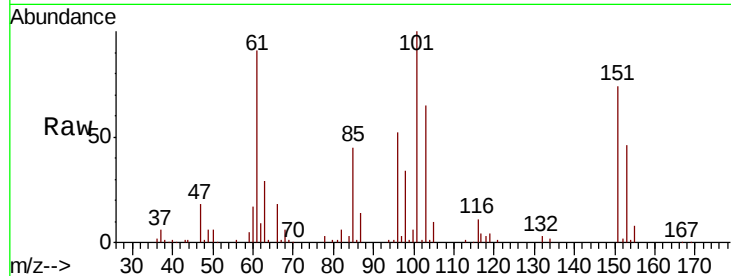
Tot Ion:101 Resp: 126420

Ion Ratio Lower Upper

101 100

85 45.7 36.6 54.8

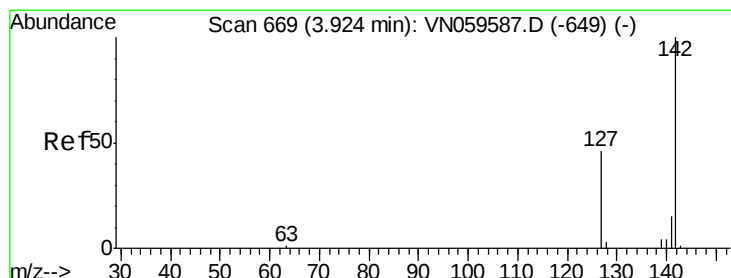
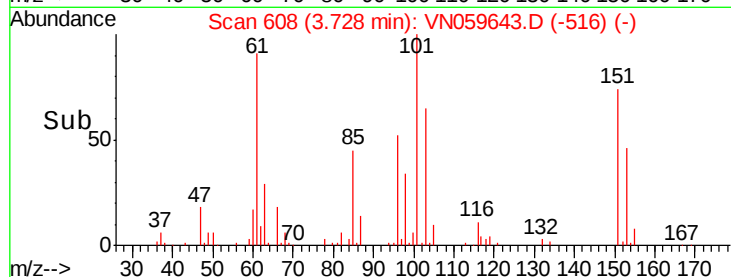
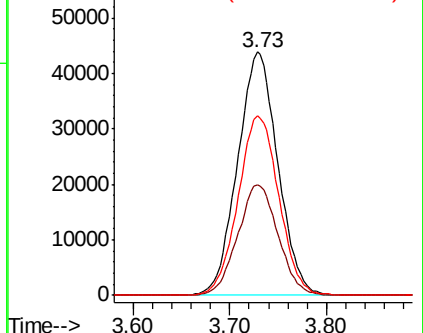
151 74.8 59.7 89.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.771 ug/l

RT: 3.92 min Scan# 668

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

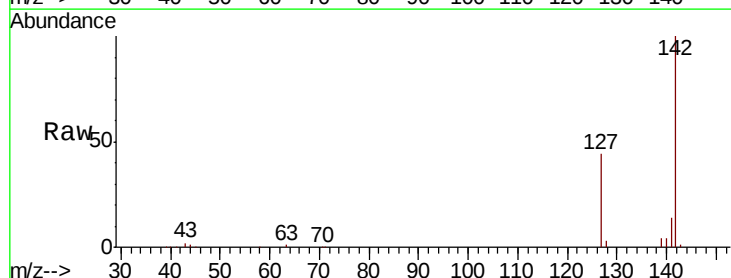
Tgt Ion:142 Resp: 171636

Ion Ratio Lower Upper

142 100

127 45.0 36.7 55.1

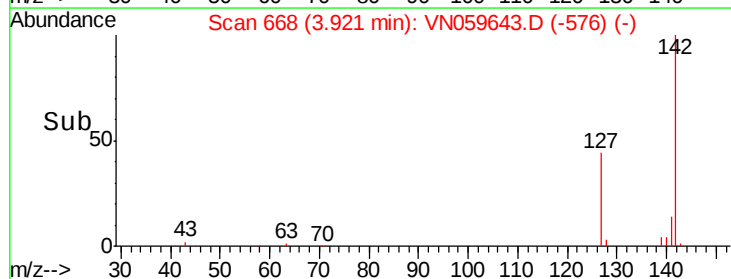
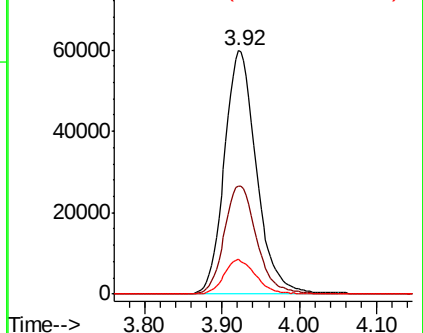
141 14.0 11.7 17.5

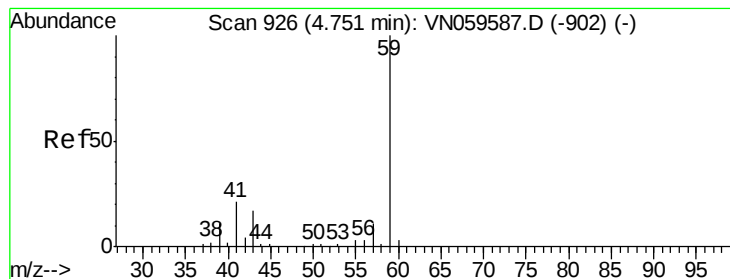


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



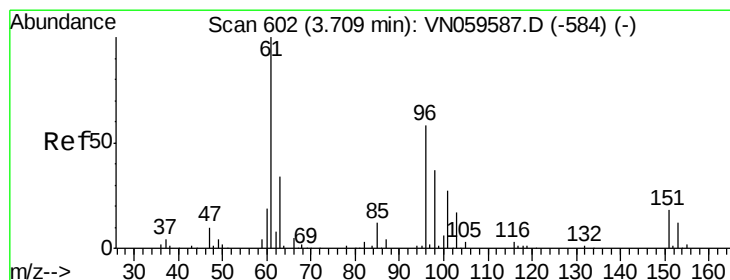
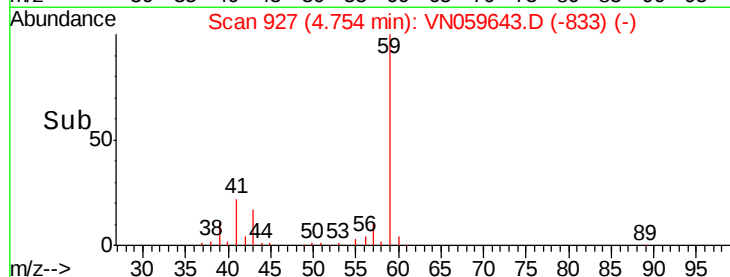
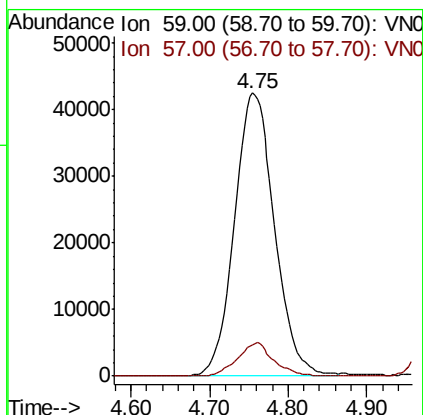
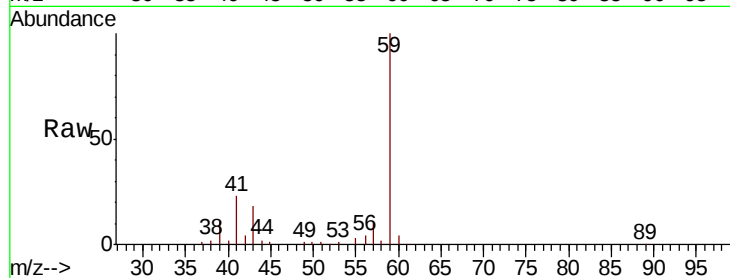


#11

Tert butyl alcohol
 Concen: 229.795 ug/l
 RT: 4.75 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

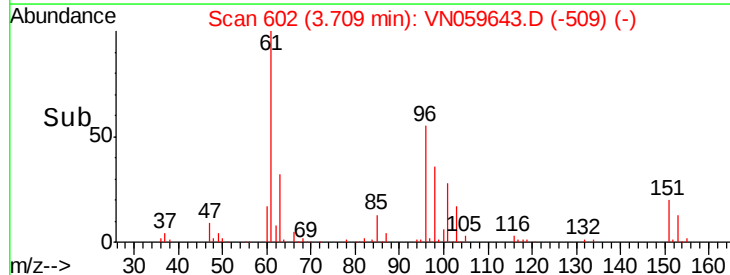
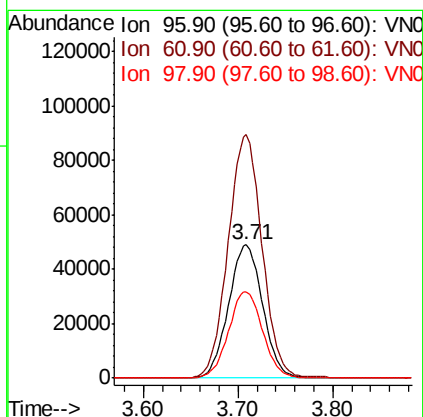
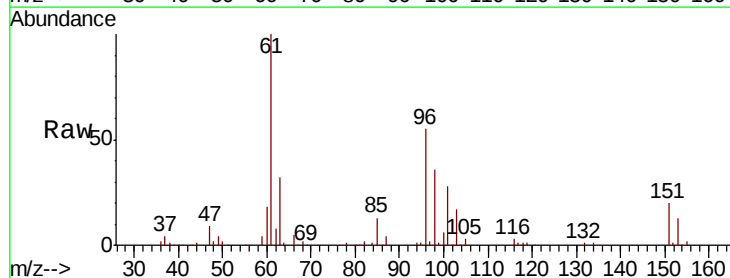
Tot Ion: 59 Resp: 151564
 Ion Ratio Lower Upper
 59 100
 57 10.6 8.6 12.8

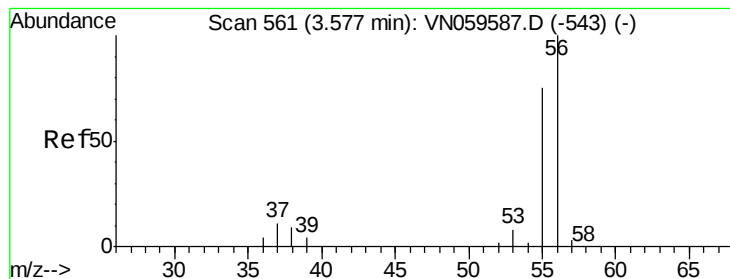


#12

1,1-Dichloroethene
 Concen: 47.327 ug/l
 RT: 3.71 min Scan# 602
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion: 96 Resp: 122726
 Ion Ratio Lower Upper
 96 100
 61 183.0 137.5 206.3
 98 65.0 50.2 75.4





#13

Acrolein

Concen: 193.279 ug/l

RT: 3.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

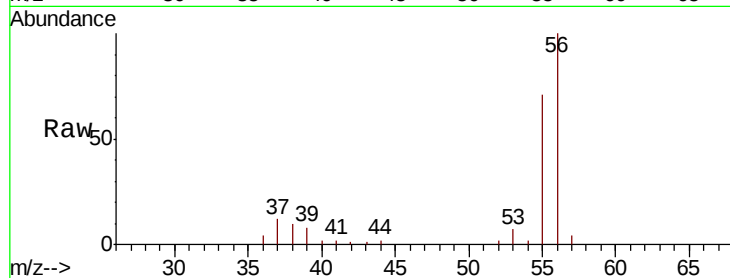
VSTDCCC050EC

Tot Ion: 56 Resp: 90808

Ion Ratio Lower Upper

56 100

55 72.1 58.6 88.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.58

40000

30000

20000

10000

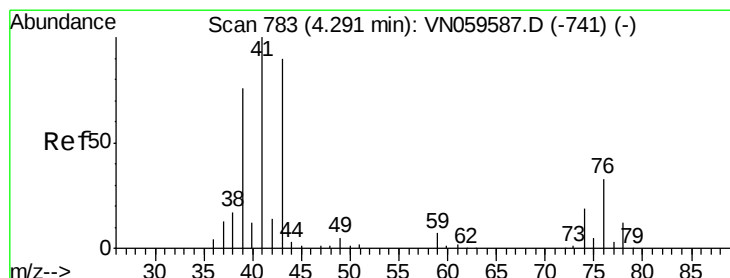
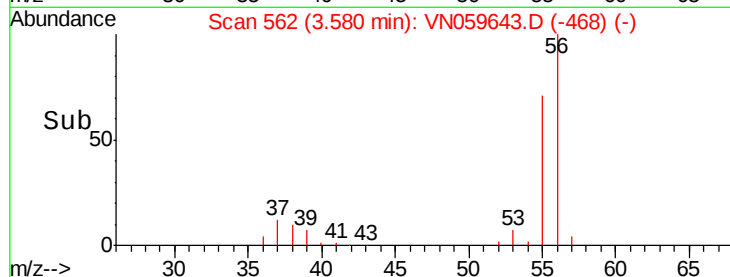
0

Time-->

3.50

3.60

3.70



#14

Allyl chloride

Concen: 47.412 ug/l

RT: 4.29 min Scan# 783

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

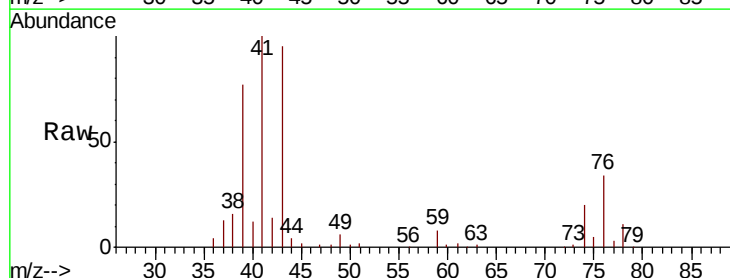
Tgt Ion: 41 Resp: 252393

Ion Ratio Lower Upper

41 100

39 70.7 57.8 86.8

76 31.1 25.4 38.0



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0

4.29

100000

80000

60000

40000

20000

0

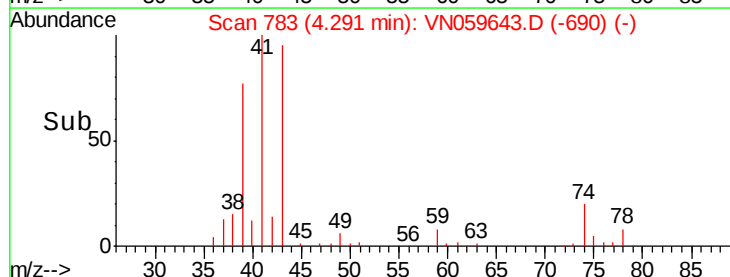
Time-->

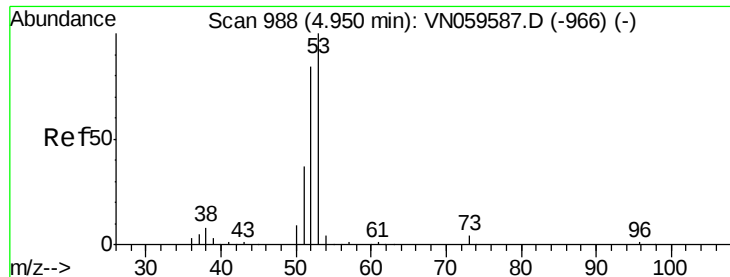
4.10

4.20

4.30

4.40





#15

Acrylonitrile

Concen: 256.269 ug/l

RT: 4.95 min Scan# 989

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

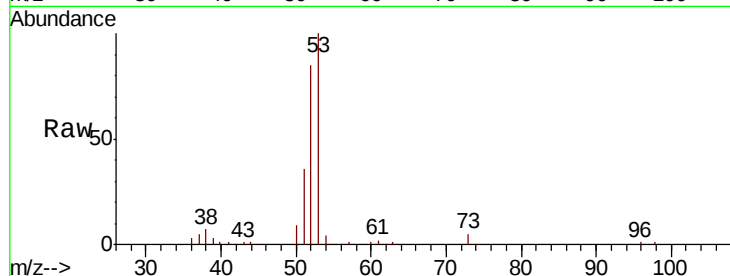
Tot Ion: 53 Resp: 408851

Ion Ratio Lower Upper

53 100

52 83.8 66.3 99.5

51 37.0 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

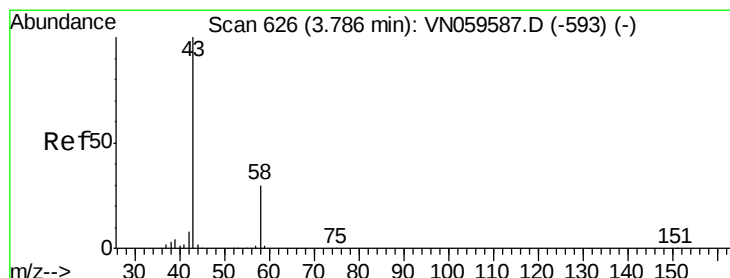
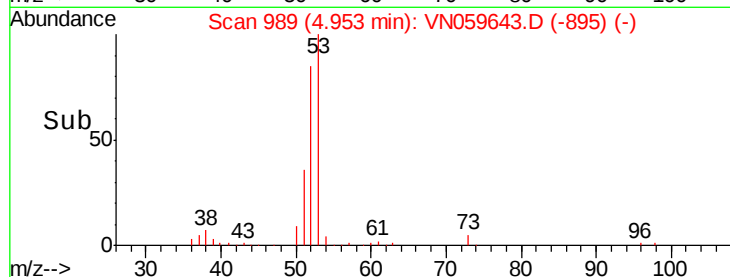
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 212.414 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.00 min

Lab File: VN059643.D

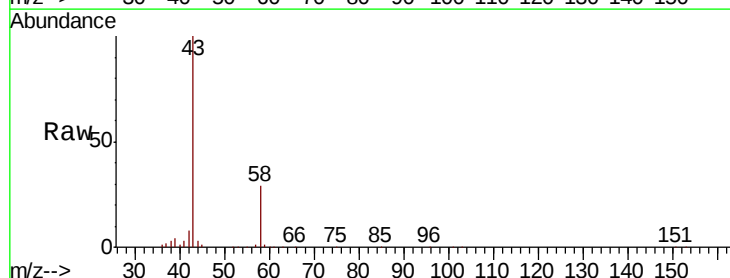
Acq: 17 Dec 2019 22:06

Tgt Ion: 43 Resp: 453704

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) (-)

200000

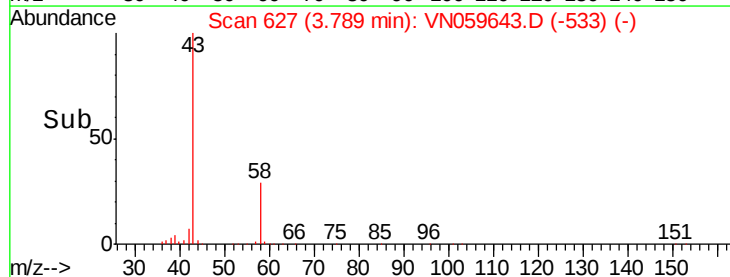
150000

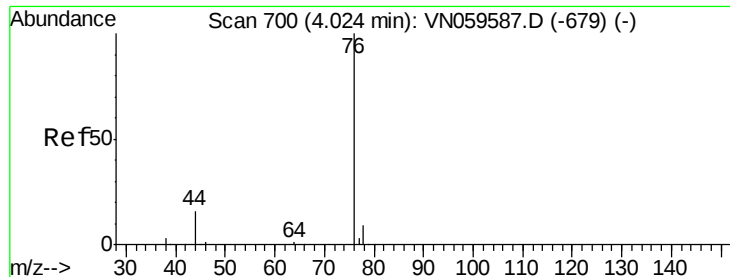
100000

50000

0

Time-->

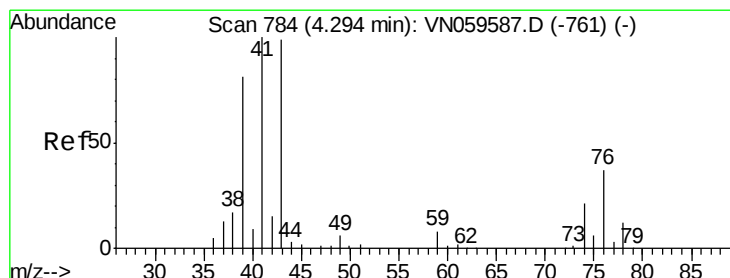
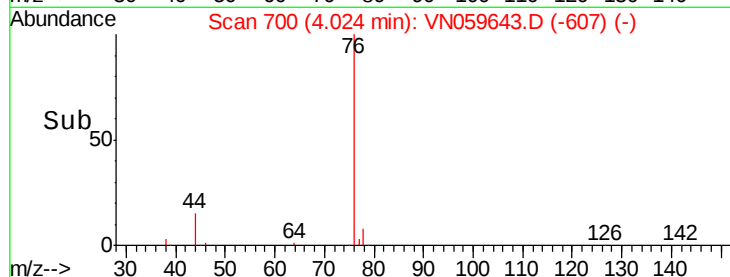
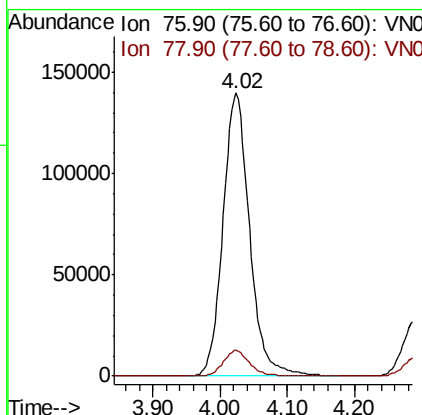
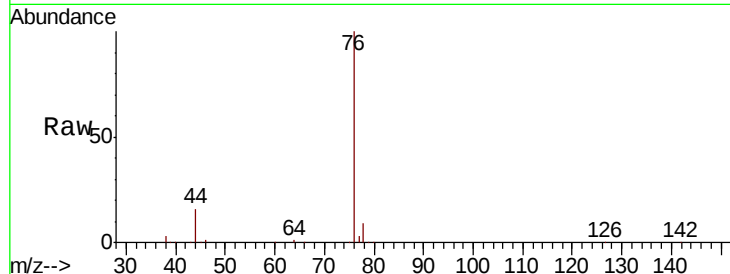




#17
Carbon Disulfide
Concen: 43.230 ug/l
RT: 4.02 min Scan# 700
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

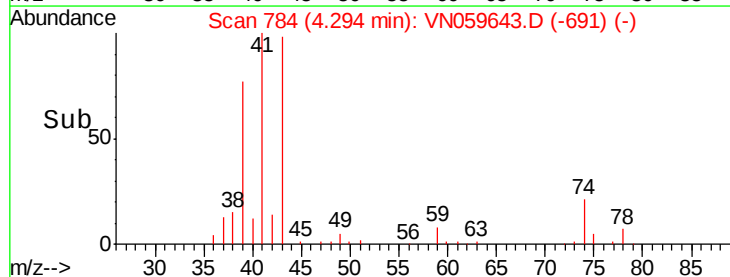
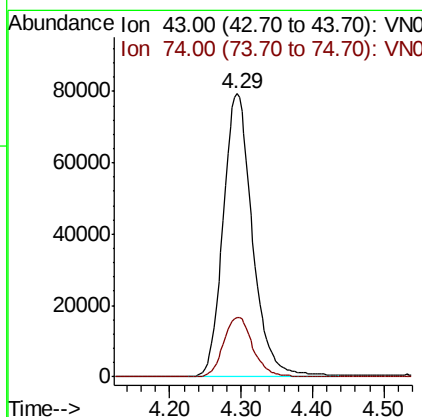
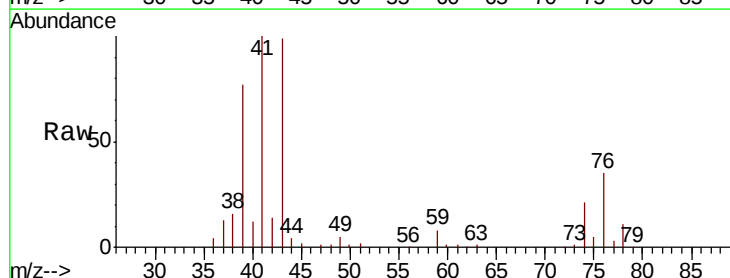
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

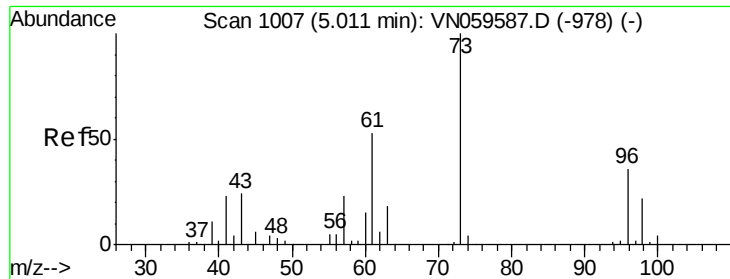
Tot Ion: 76 Resp: 385104
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 50.141 ug/l
RT: 4.29 min Scan# 784
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 43 Resp: 224416
Ion Ratio Lower Upper
43 100
74 21.4 17.5 26.3

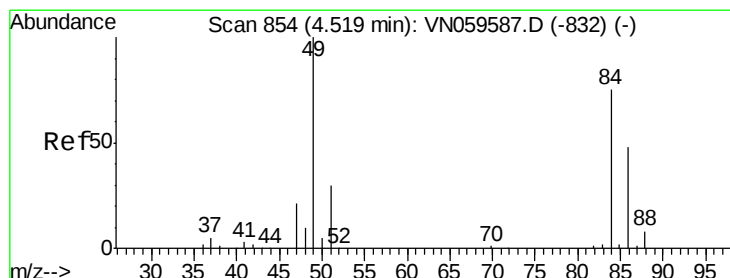
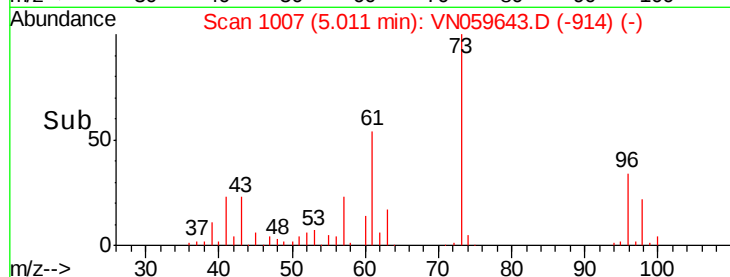
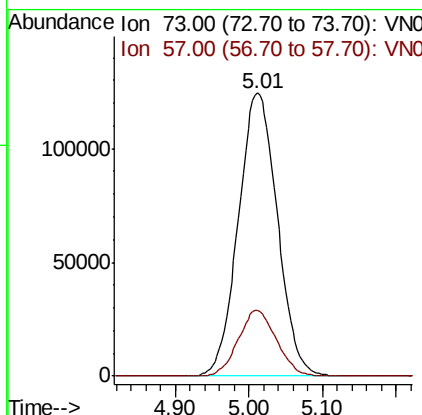
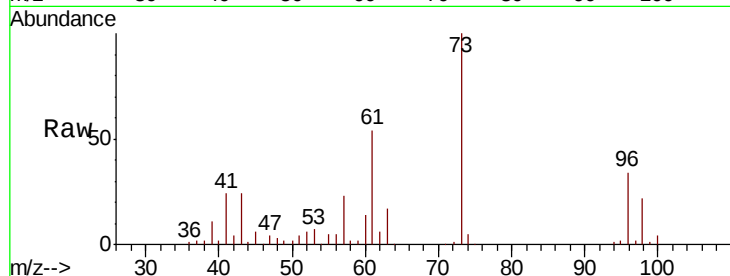




#19
Methvl tert-butvl Ether
Concen: 50.154 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

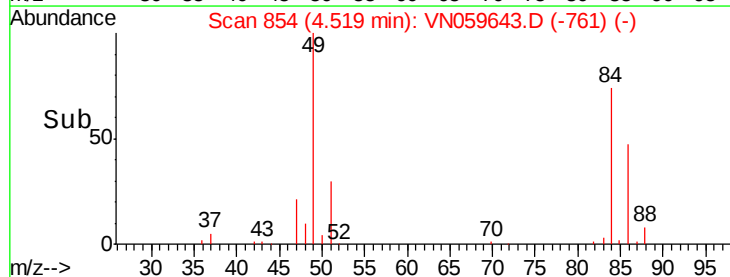
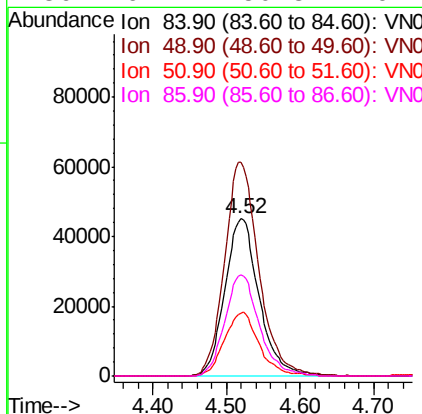
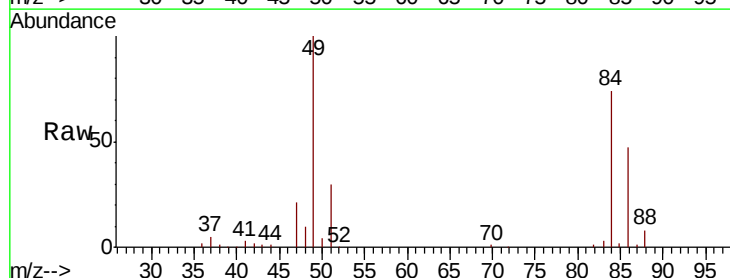
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

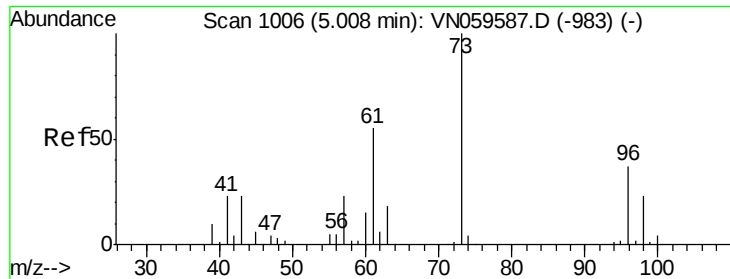
Tot Ion: 73 Resp: 459205
Ion Ratio Lower Upper
73 100
57 23.4 18.6 27.8



#20
Methylene Chloride
Concen: 47.234 ug/l
RT: 4.52 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 84 Resp: 145707
Ion Ratio Lower Upper
84 100
49 136.0 106.6 160.0
51 40.4 31.9 47.9
86 64.1 50.8 76.2

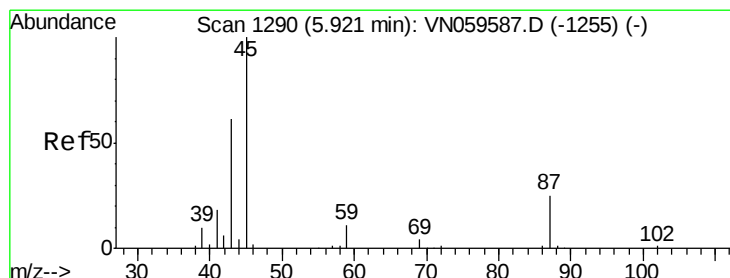
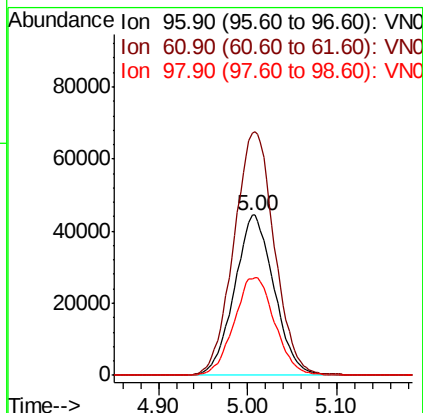
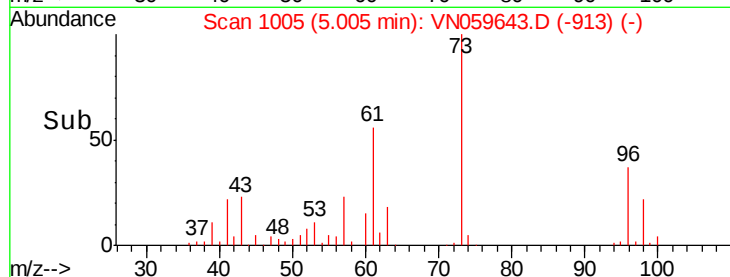
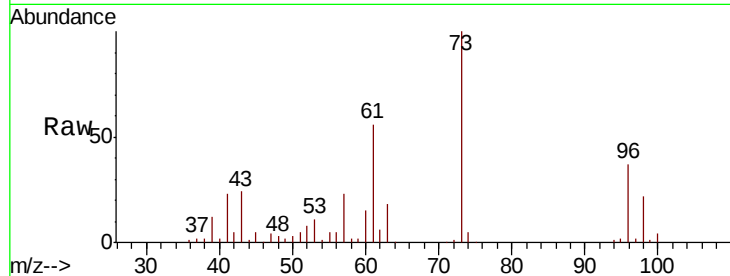




#21
trans-1,2-Dichloroethene
Concen: 47.472 ug/l
RT: 5.00 min Scan# 1005
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

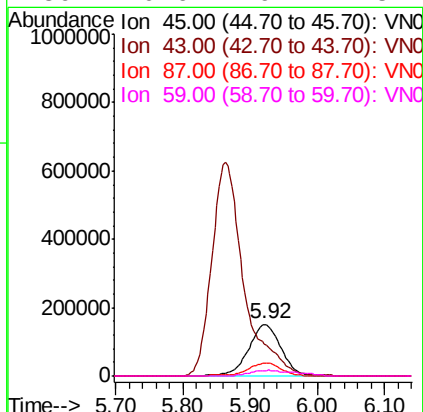
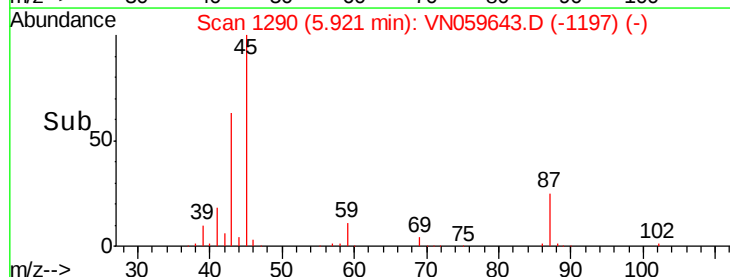
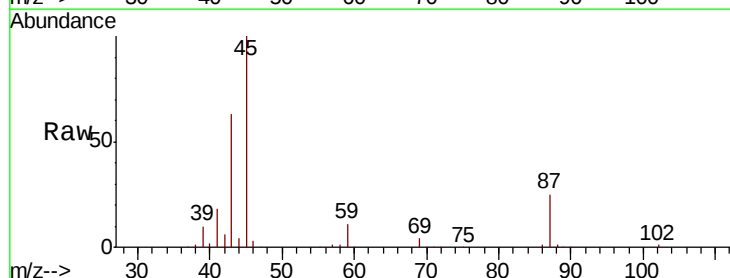
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

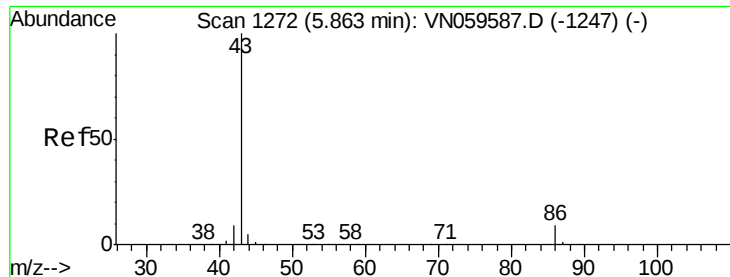
Tot Ion: 96 Resp: 137235
Ion Ratio Lower Upper
96 100
61 151.3 120.4 180.6
98 60.5 50.6 75.8



#22
Diisopropyl ether
Concen: 51.450 ug/l
RT: 5.92 min Scan# 1290
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 45 Resp: 504940
Ion Ratio Lower Upper
45 100
43 62.0 50.8 76.2
87 24.9 21.0 31.6
59 10.6 9.1 13.7





#23

Vinyl Acetate

Concen: 270.311 ug/l

RT: 5.86 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

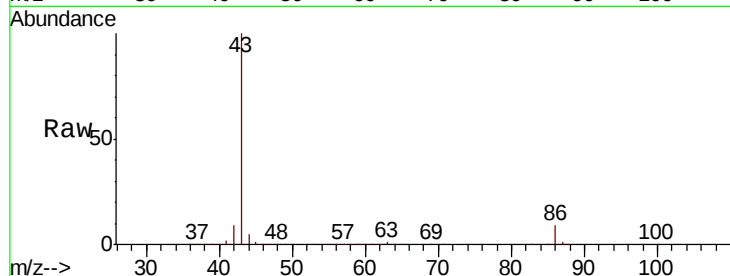
VSTDCCC050EC

Tot Ion: 43 Resp: 2081890

Ion Ratio Lower Upper

43 100

86 9.1 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VN059643.D (-1179) (-)

Ion 86.00 (85.70 to 86.70): VN059643.D (-1179) (-)

5.86

600000

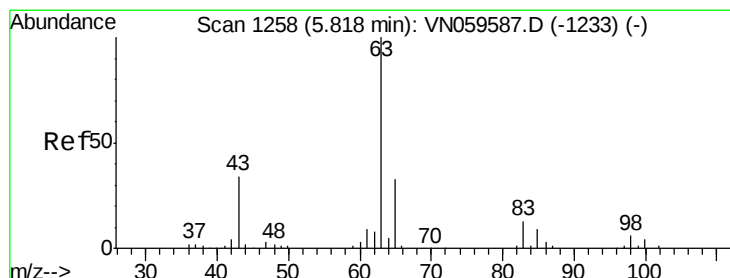
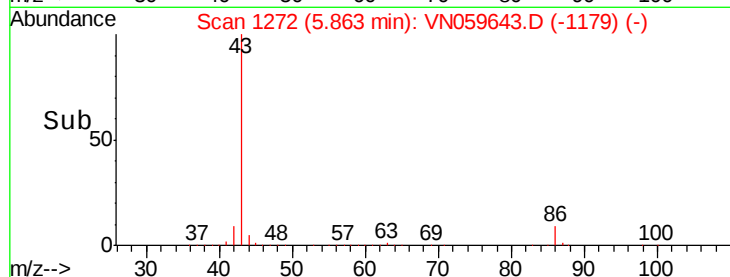
400000

200000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 50.480 ug/l

RT: 5.82 min Scan# 1258

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

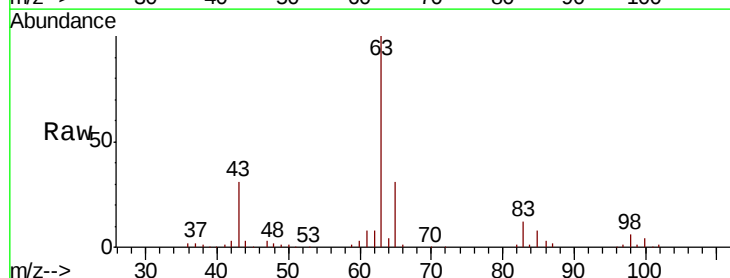
Tgt Ion: 63 Resp: 280636

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 3.6 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059643.D (-1165) (-)

Ion 97.90 (97.60 to 98.60): VN059643.D (-1165) (-)

Ion 99.90 (99.60 to 100.60): VN059643.D (-1165) (-)

120000

100000

80000

60000

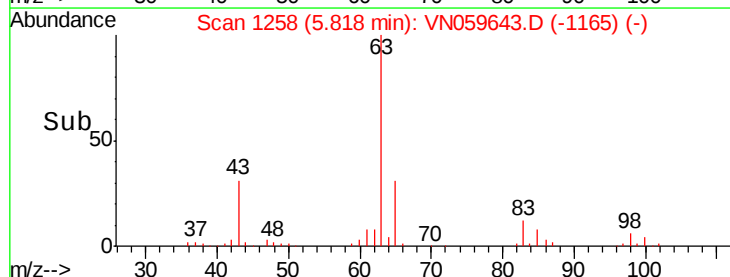
40000

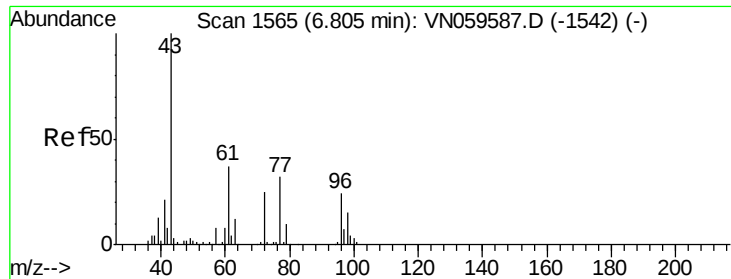
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 243.501 ug/l

RT: 6.81 min Scan# 1565

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

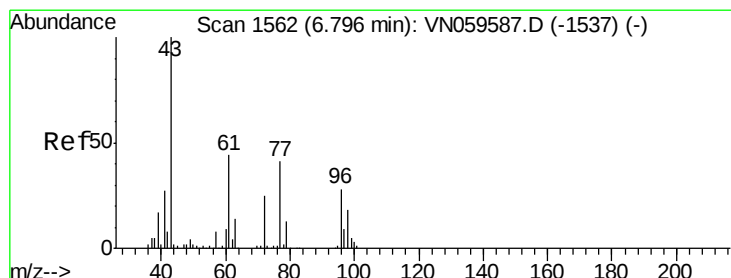
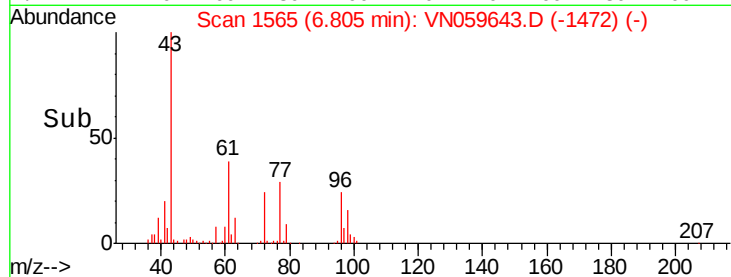
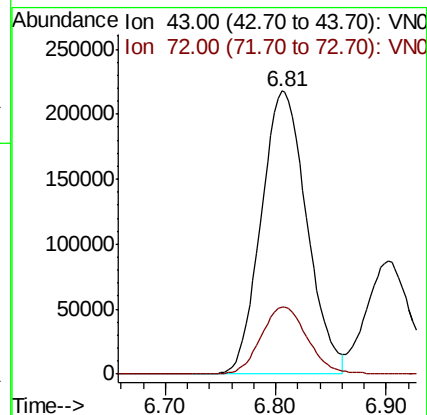
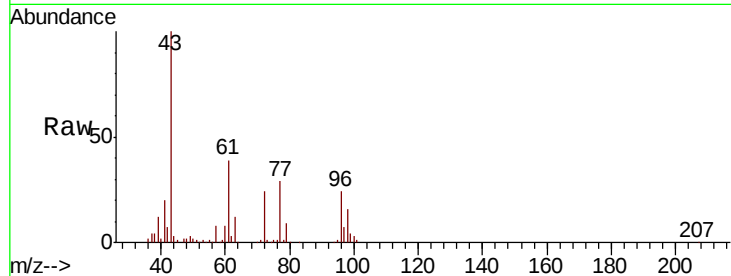
VSTDCCC050EC

Tot Ion: 43 Resp: 621947

Ion Ratio Lower Upper

43 100

72 23.9 19.9 29.9



#26

2,2-Dichloropropane

Concen: 45.057 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. 0.00 min

Lab File: VN059643.D

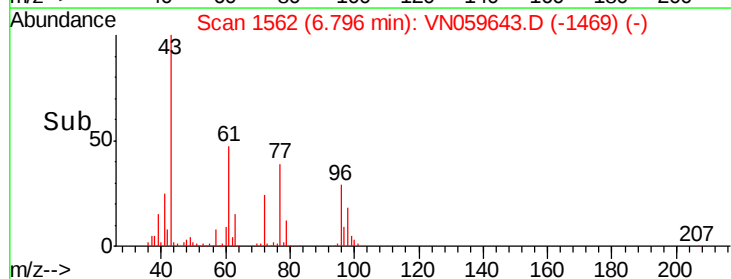
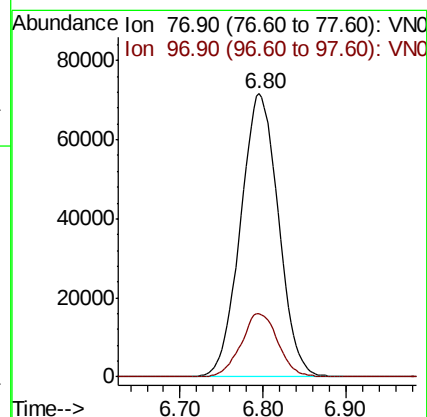
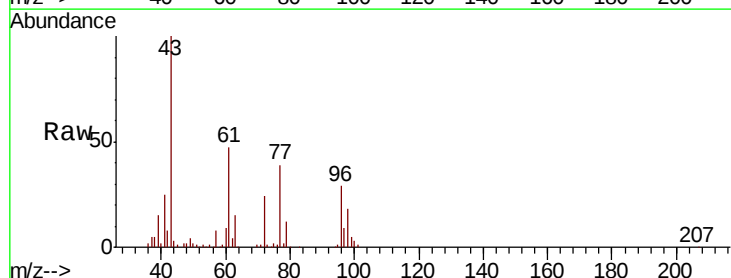
Acq: 17 Dec 2019 22:06

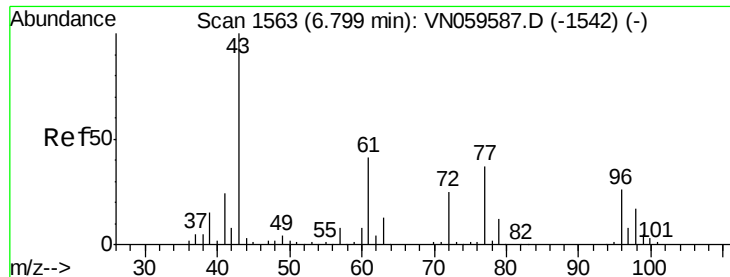
Tgt Ion: 77 Resp: 227656

Ion Ratio Lower Upper

77 100

97 21.8 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 49.042 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

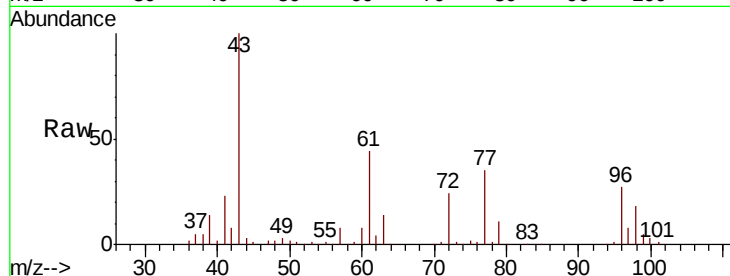
Tot Ion: 96 Resp: 157098

Ion Ratio Lower Upper

96 100

61 162.4 0.0 317.6

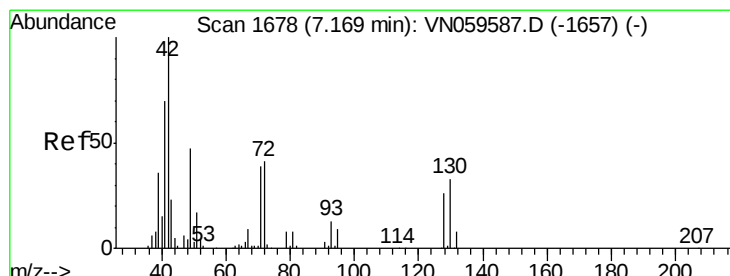
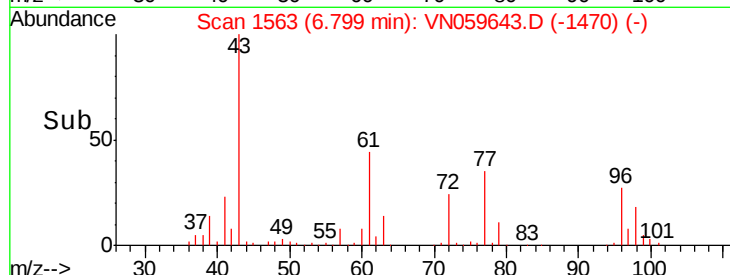
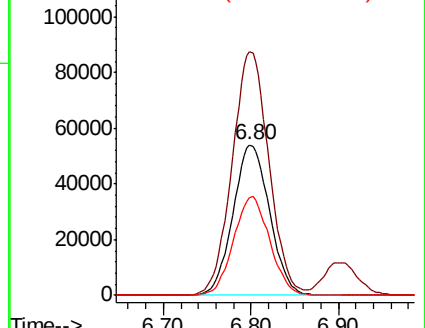
98 64.9 0.0 127.0



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) (-)



#28

Bromochloromethane

Concen: 50.196 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

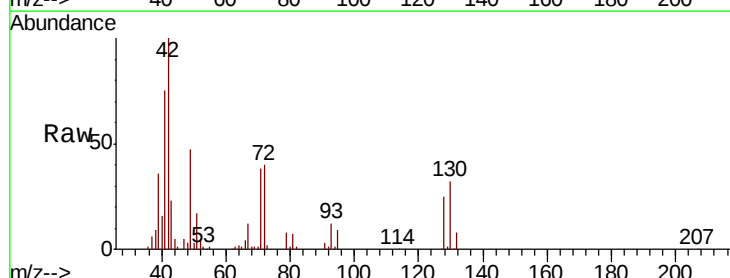
Tgt Ion: 49 Resp: 117267

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.4

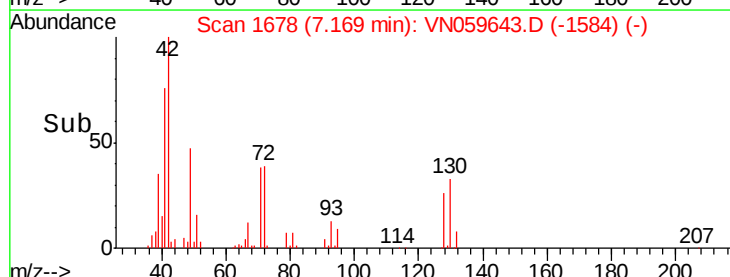
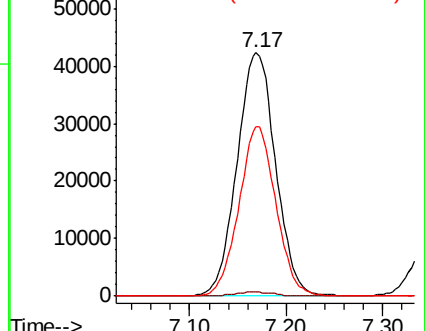
130 66.8 54.7 82.1

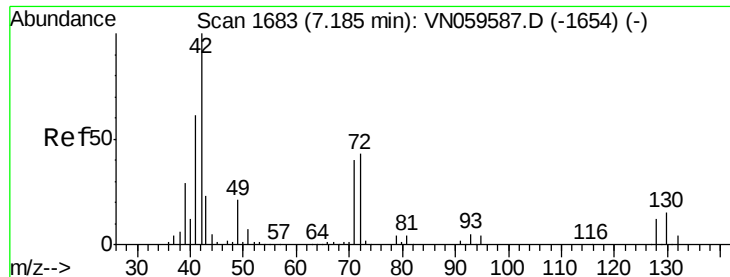


Abundance Ion 48.90 (48.60 to 49.60): VN059587.D (-1657) (-)

Ion 128.80 (128.50 to 129.50): VN059587.D (-1657) (-)

Ion 129.80 (129.50 to 130.50): VN059587.D (-1657) (-)





#29

Tetrahydrofuran

Concen: 251.646 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

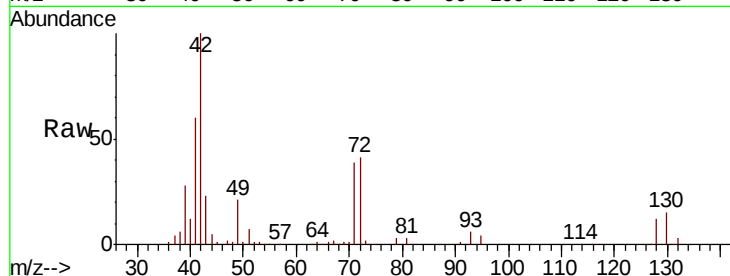
Tot Ion: 42 Resp: 391618

Ion Ratio Lower Upper

42 100

72 41.0 33.1 49.7

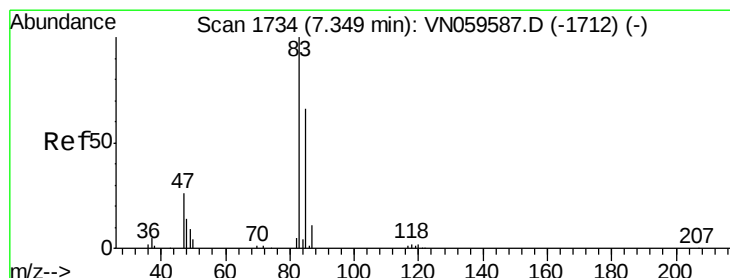
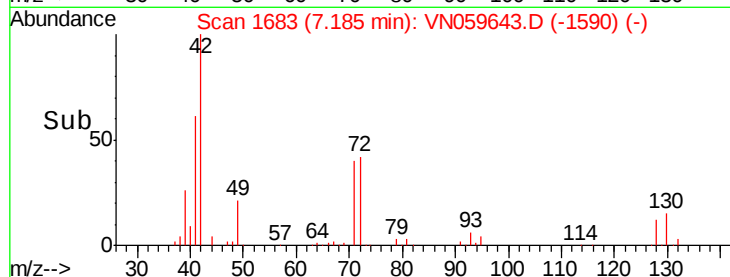
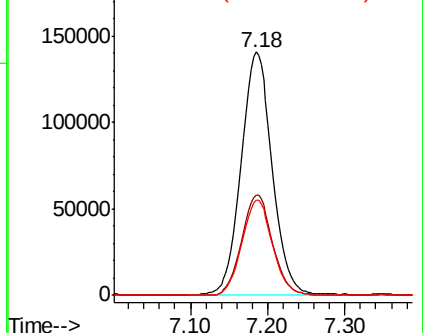
71 38.7 31.4 47.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 49.998 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN059643.D

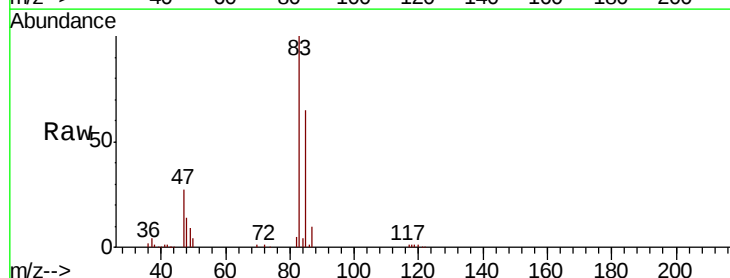
Acq: 17 Dec 2019 22:06

Tgt Ion: 83 Resp: 273600

Ion Ratio Lower Upper

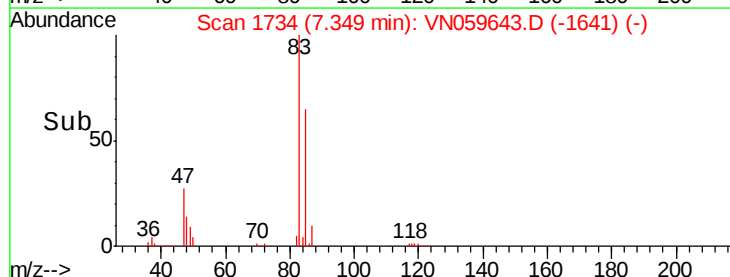
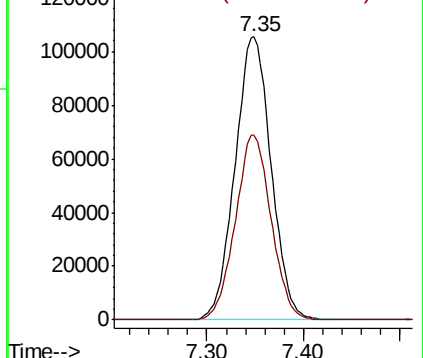
83 100

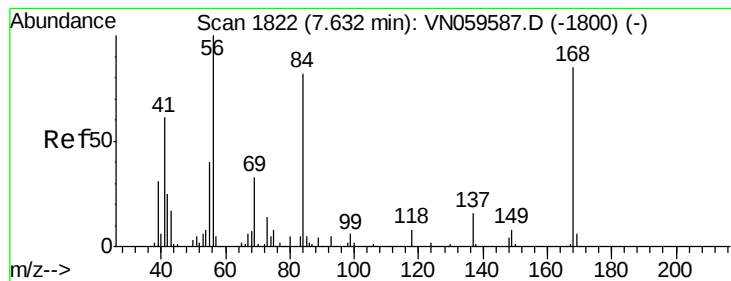
85 65.4 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 47.398 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

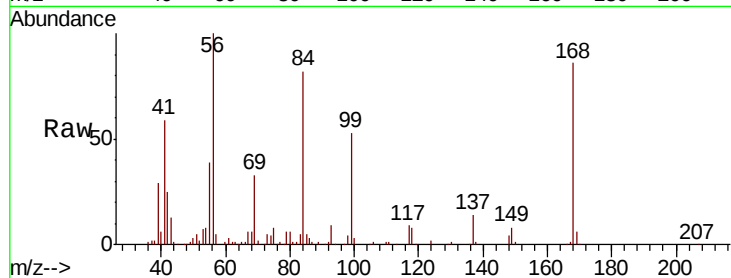
Tot Ion: 56 Resp: 248981

Ion Ratio Lower Upper

56 100

69 32.7 26.5 39.7

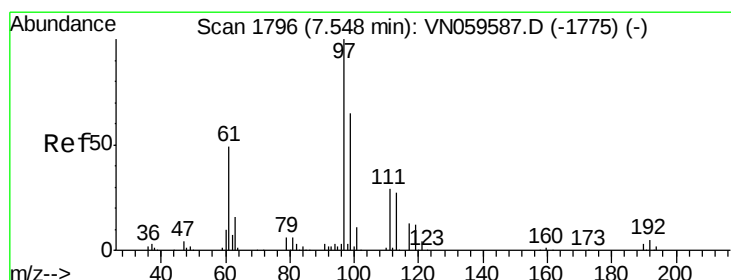
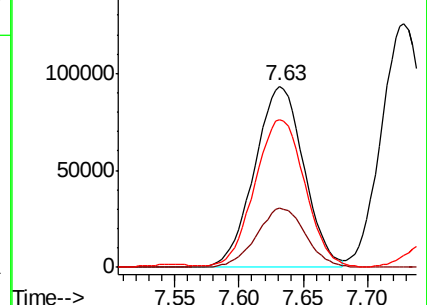
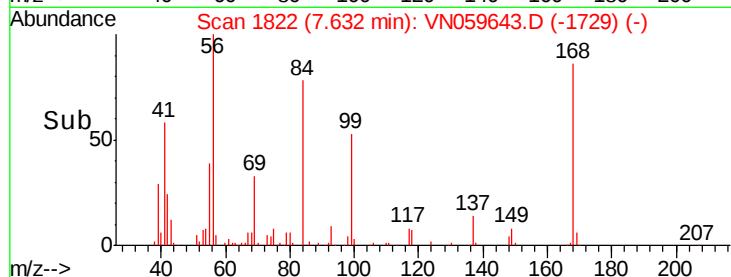
84 81.0 65.3 97.9



Abundance Ion 56.00 (55.70 to 56.70): VN059643.D (-1729) (-)

Ion 69.00 (68.70 to 69.70): VN059643.D (-1729) (-)

Ion 84.00 (83.70 to 84.70): VN059643.D (-1729) (-)



#32

1,1,1-Trichloroethane

Concen: 48.261 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

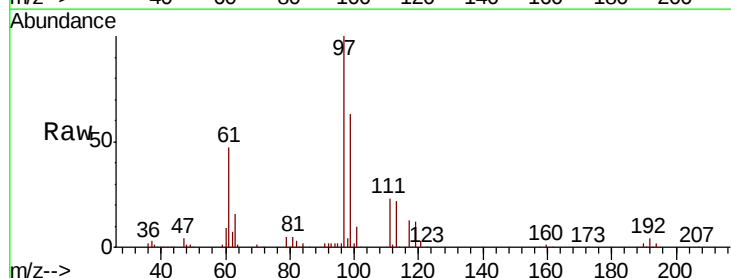
Tgt Ion: 97 Resp: 238093

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

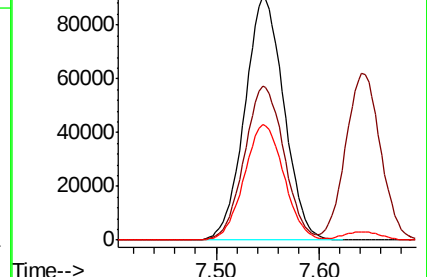
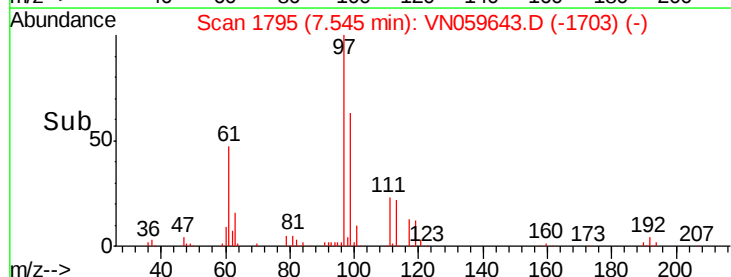
61 48.3 38.5 57.7

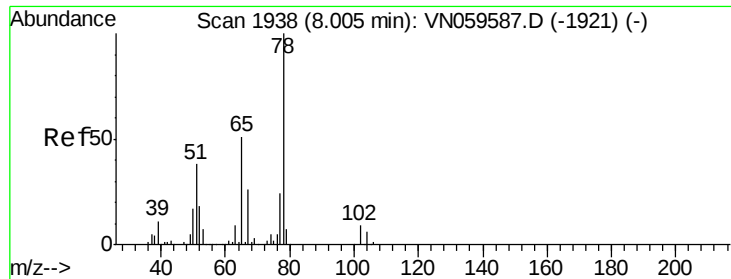


Abundance Ion 96.90 (96.60 to 97.60): VN059643.D (-1703) (-)

Ion 98.90 (98.60 to 99.60): VN059643.D (-1703) (-)

Ion 60.90 (60.60 to 61.60): VN059643.D (-1703) (-)

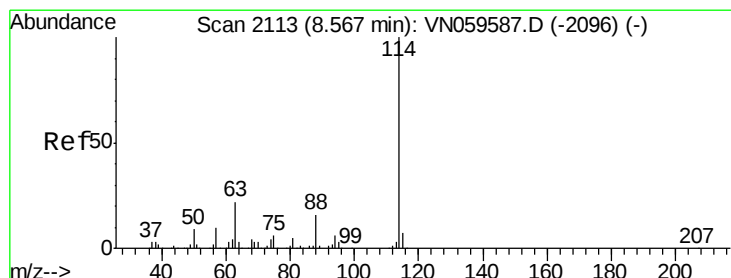
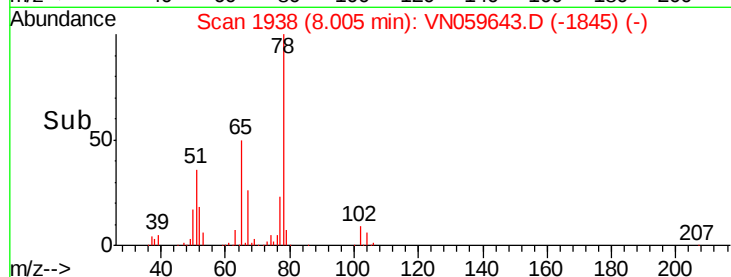
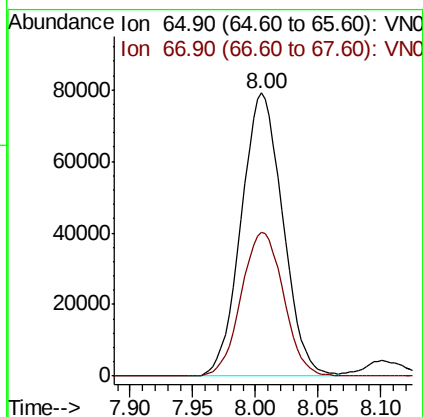
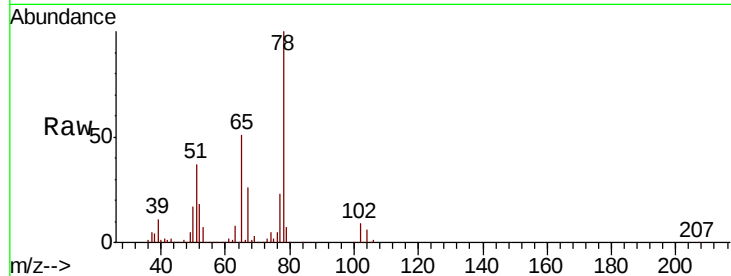




#33
 1,2-Dichloroethane-d4
 Concen: 50.753 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

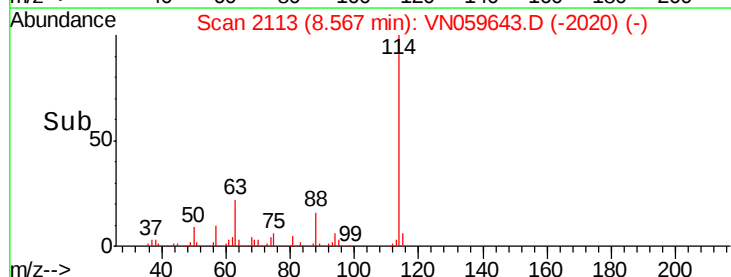
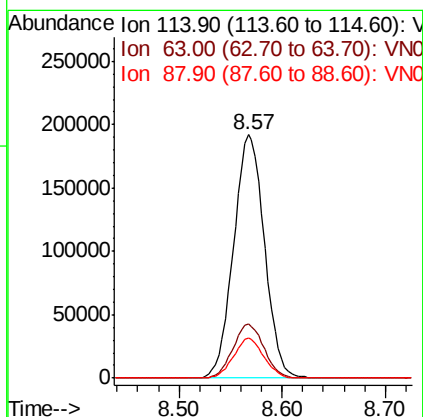
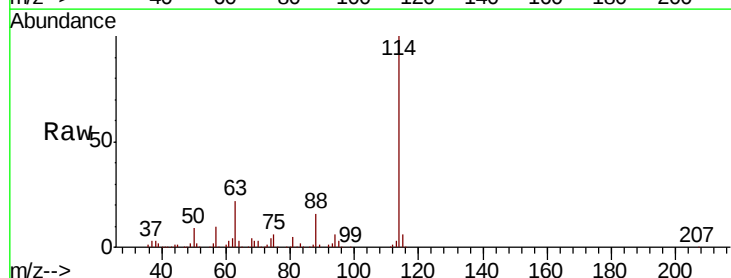
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

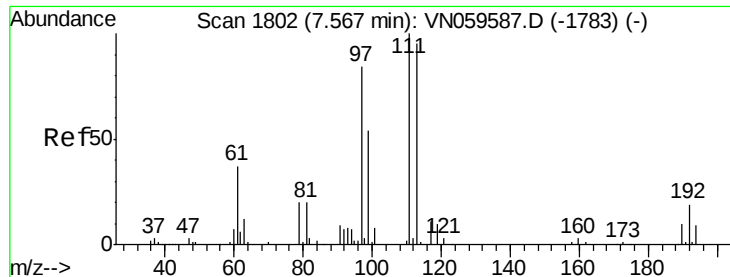
Tot Ion: 65 Resp: 182591
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion: 114 Resp: 400347
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.6
 88 16.3 0.0 31.4

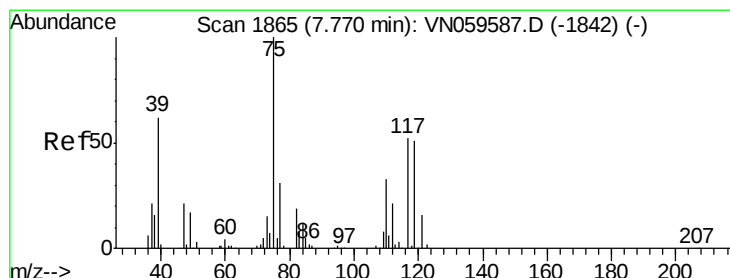
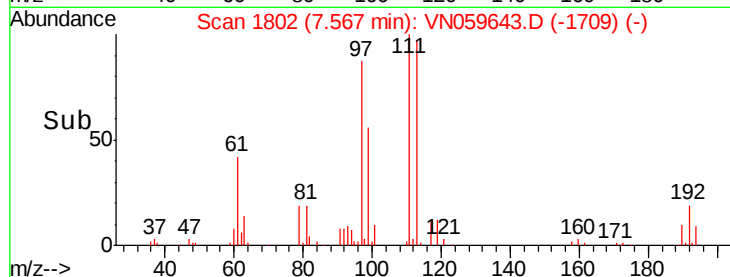
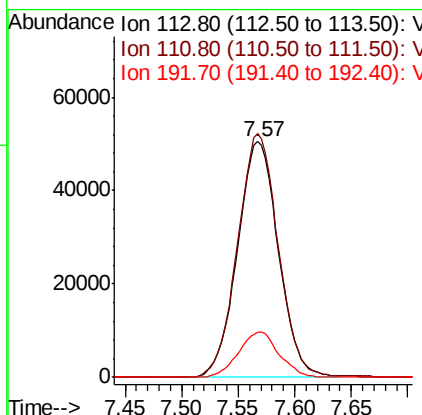
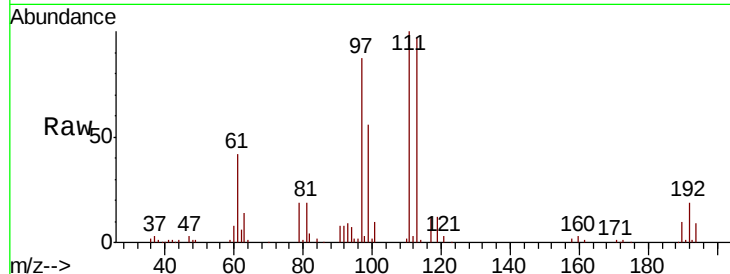




#35
 Dibromofluoromethane
 Concen: 50.717 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

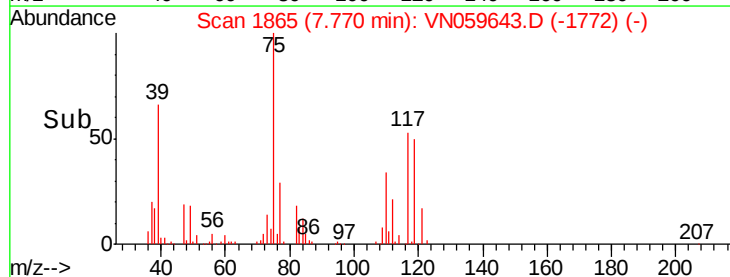
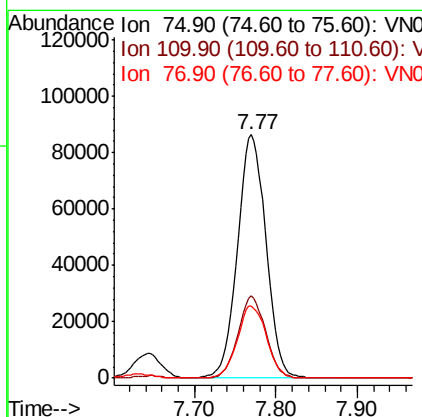
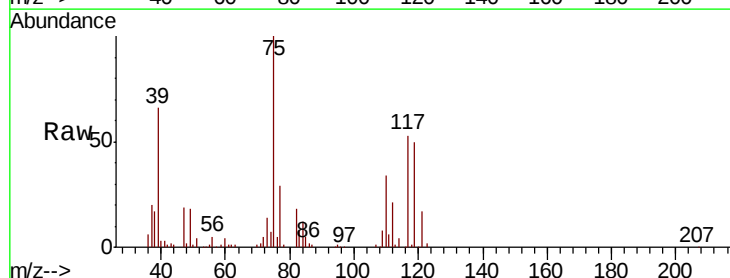
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

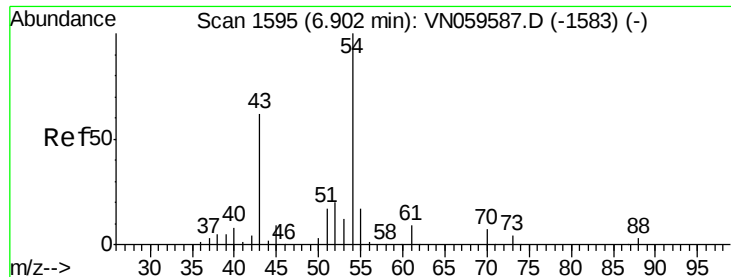
Tot Ion:113 Resp: 127041
 Ion Ratio Lower Upper
 113 100
 111 103.0 83.5 125.3
 192 19.0 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 49.851 ug/l
 RT: 7.77 min Scan# 1865
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion: 75 Resp: 208128
 Ion Ratio Lower Upper
 75 100
 110 32.7 16.6 49.7
 77 30.4 25.1 37.7

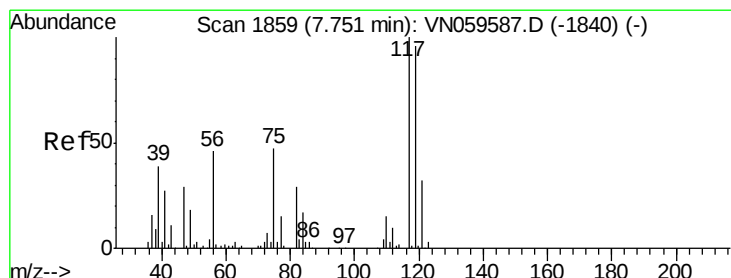
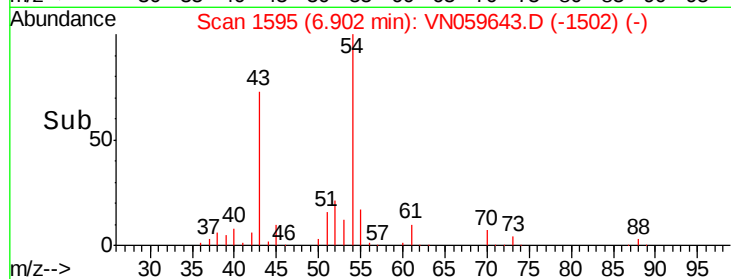
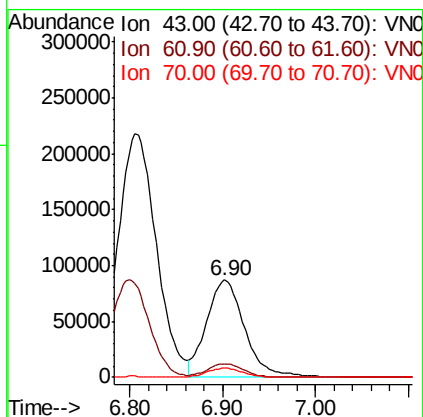
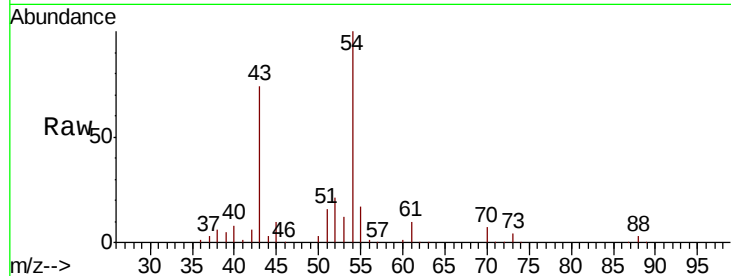




#37
Ethyl Acetate
Concen: 50.307 ug/l
RT: 6.90 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

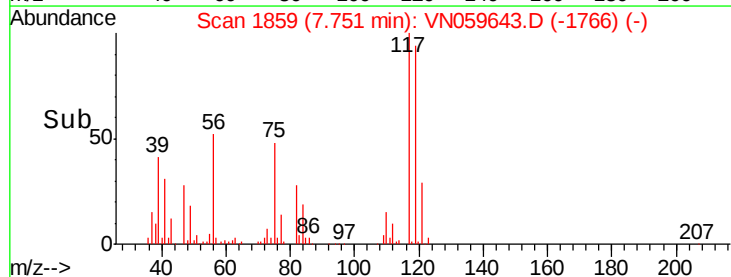
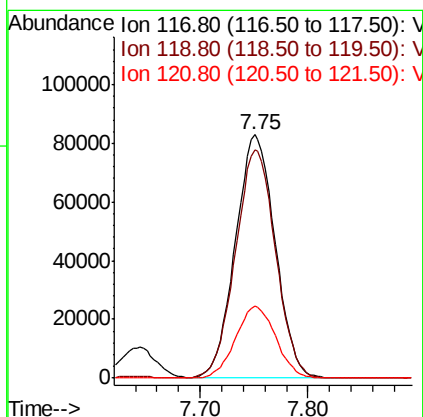
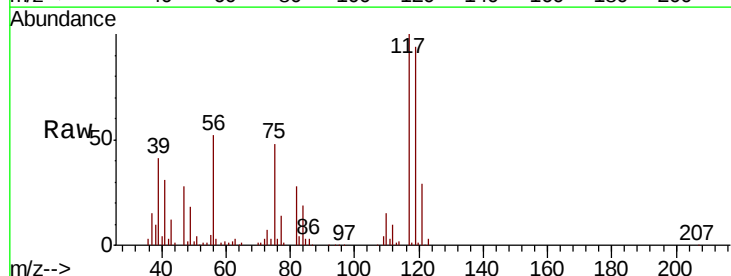
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

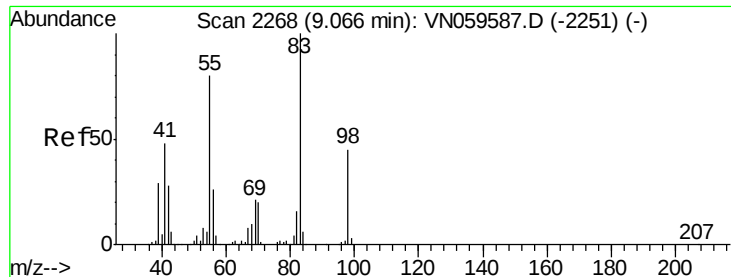
Tot Ion: 43 Resp: 244115
Ion Ratio Lower Upper
43 100
61 13.6 10.9 16.3
70 9.2 7.7 11.5



#38
Carbon Tetrachloride
Concen: 48.894 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 117 Resp: 211824
Ion Ratio Lower Upper
117 100
119 93.6 76.5 114.7
121 29.5 25.1 37.7

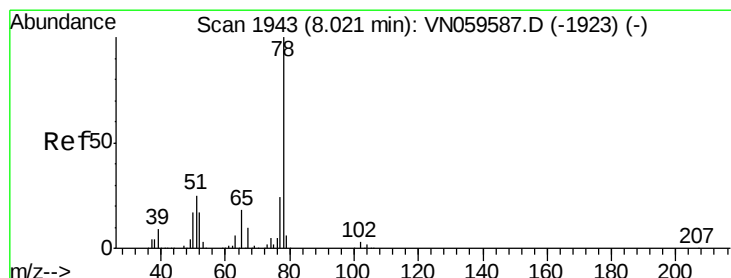
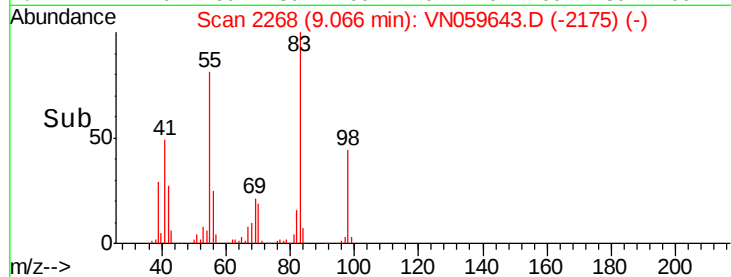
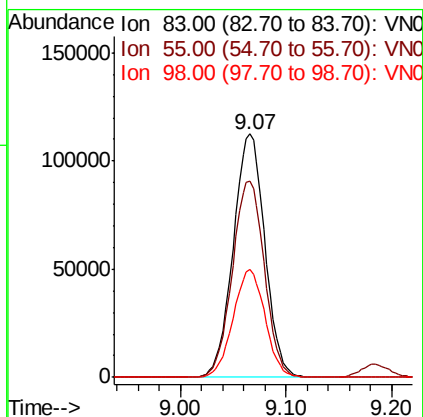
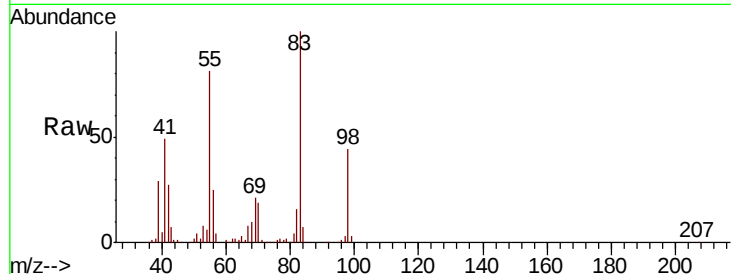




#39
Methvlcvclohexane
Concen: 49.353 ug/l
RT: 9.07 min Scan# 2268
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

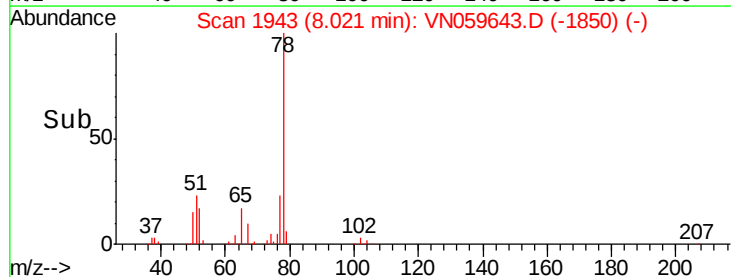
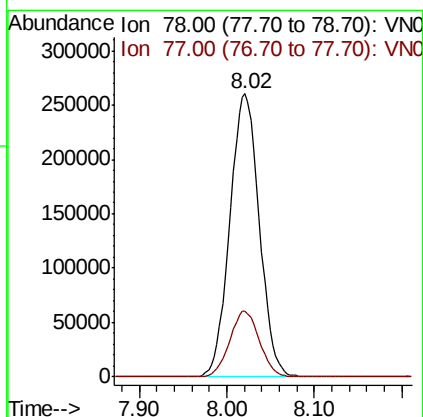
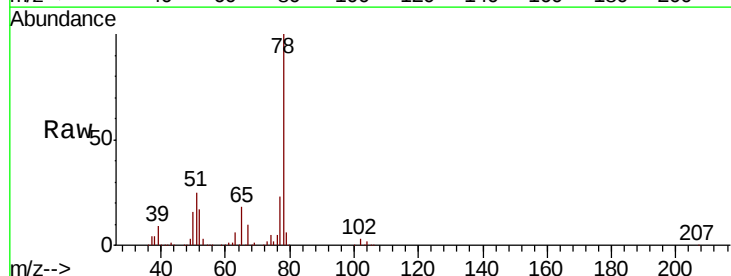
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

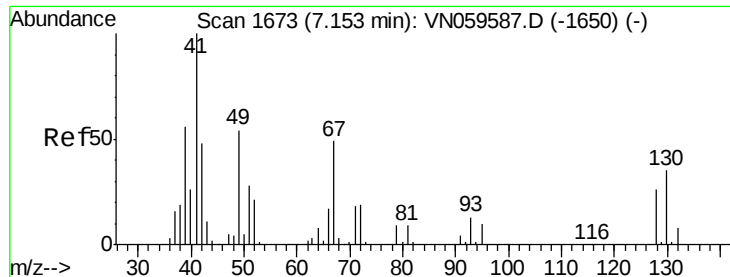
Tot Ion	83	Resp	233723
Ion Ratio	Lower	Upper	
83	100		
55	80.6	64.2	96.2
98	44.1	35.9	53.9



#40
Benzene
Concen: 49.843 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion	78	Resp	608142
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.9	28.3

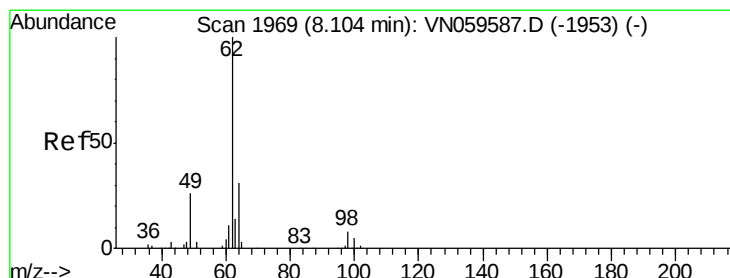
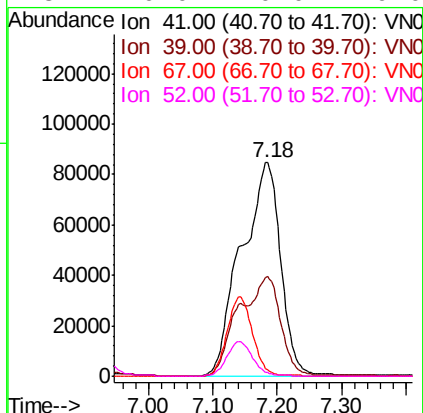
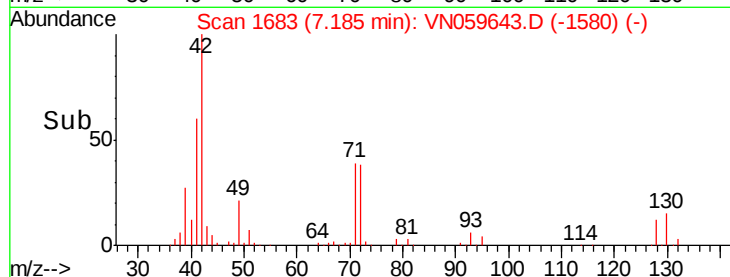
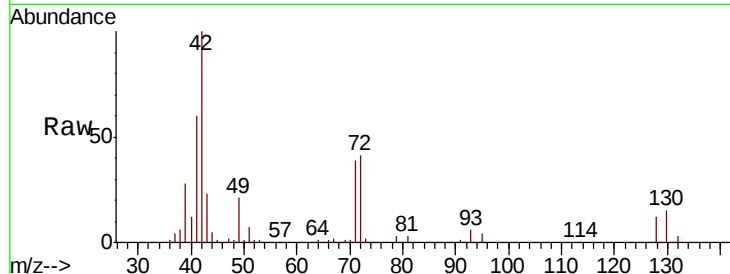




#41
Methacrylonitrile
Concen: 179.527 ug/l
RT: 7.18 min Scan# 1683
Delta R.T. 0.03 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

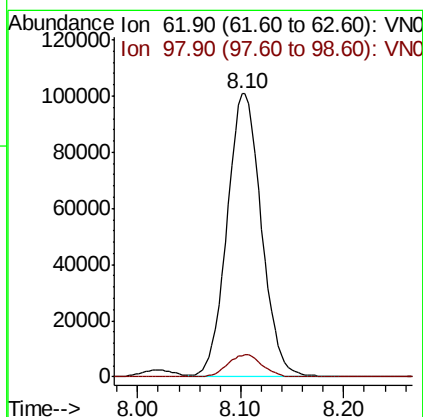
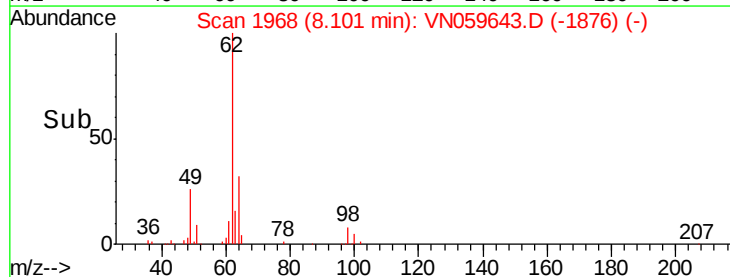
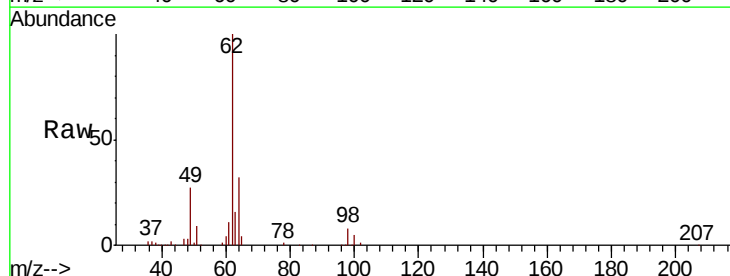
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

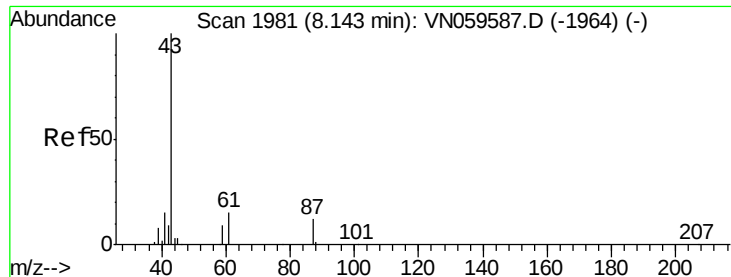
Tot Ion:	41	Resp:	359525
Ion	Ratio	Lower	Upper
41	100		
39	0.0	0.0	0.0
67	0.0	0.0	0.0
52	0.0	0.0	0.0



#42
1,2-Dichloroethane
Concen: 49.938 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion:	62	Resp:	233337
Ion	Ratio	Lower	Upper
62	100		
98	7.8	0.0	15.8





#43

Isopropyl Acetate

Concen: 51.174 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

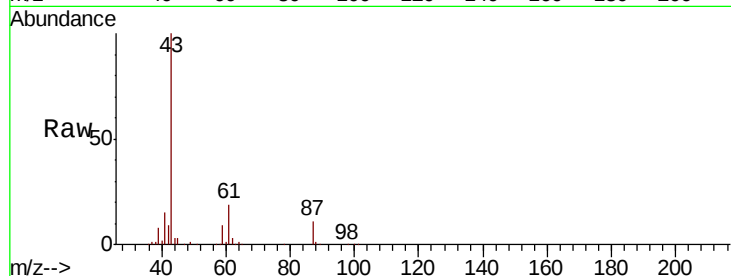
Tot Ion: 43 Resp: 386074

Ion Ratio Lower Upper

43 100

61 24.9 20.2 30.2

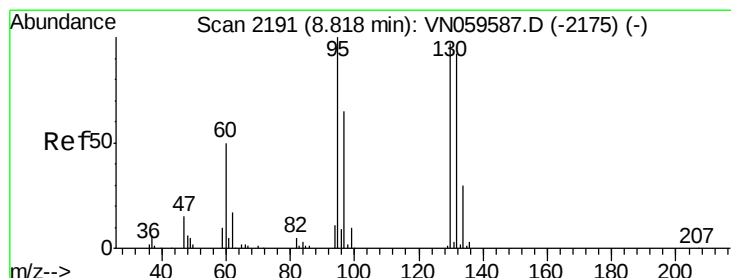
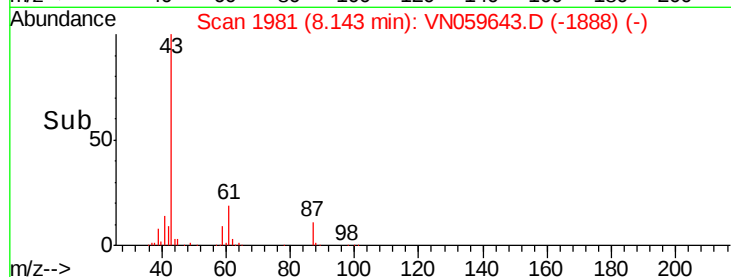
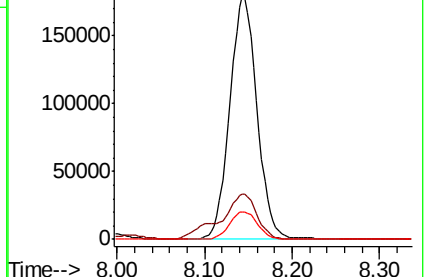
87 11.8 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1964) (-)

Ion 61.00 (60.70 to 61.70): VN059587.D (-1964) (-)

Ion 87.00 (86.70 to 87.70): VN059587.D (-1964) (-)



#44

Trichloroethene

Concen: 48.100 ug/l

RT: 8.82 min Scan# 2191

Delta R.T. 0.00 min

Lab File: VN059643.D

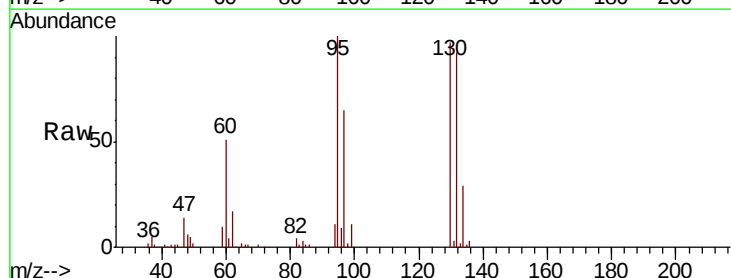
Acq: 17 Dec 2019 22:06

Tgt Ion: 130 Resp: 153722

Ion Ratio Lower Upper

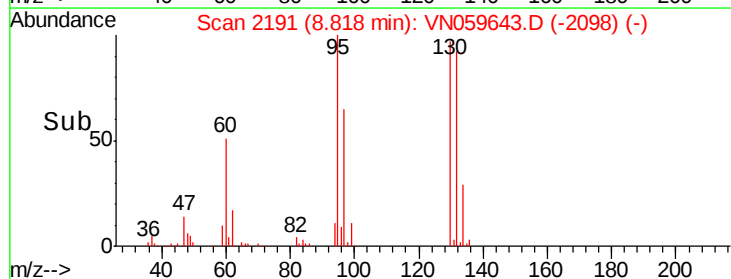
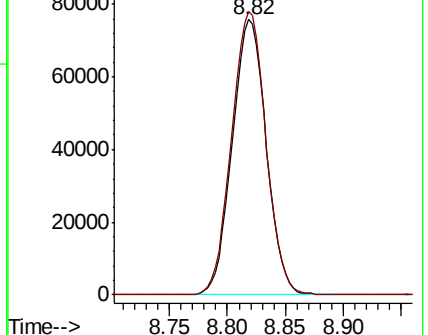
130 100

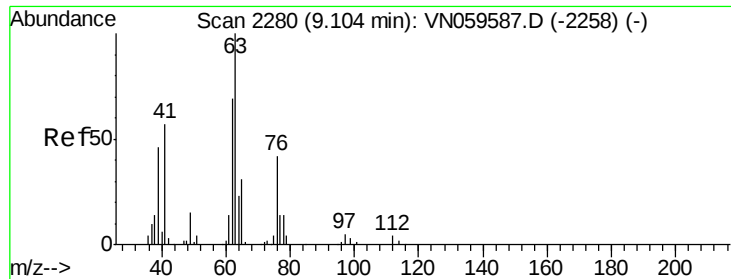
95 102.9 0.0 207.0



Abundance Ion 129.80 (129.50 to 130.50): VN059587.D (-2175) (-)

Ion 94.90 (94.60 to 95.60): VN059587.D (-2175) (-)

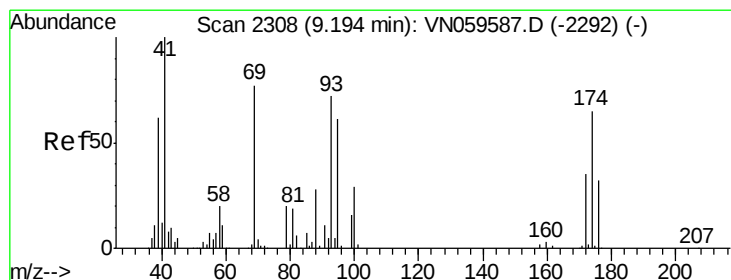
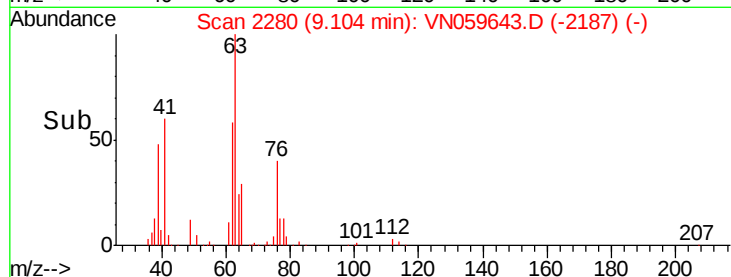
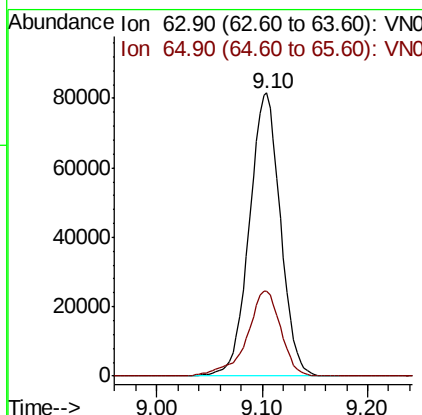
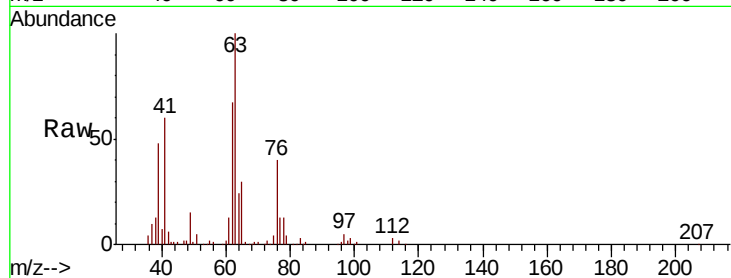




#45
 1,2-Dichloropropane
 Concen: 50.806 ug/l
 RT: 9.10 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

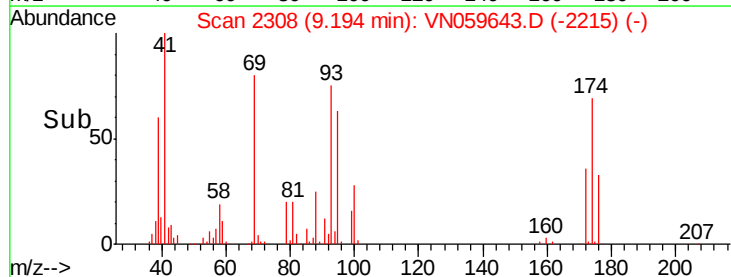
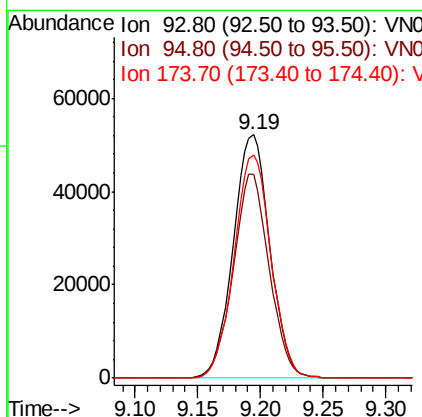
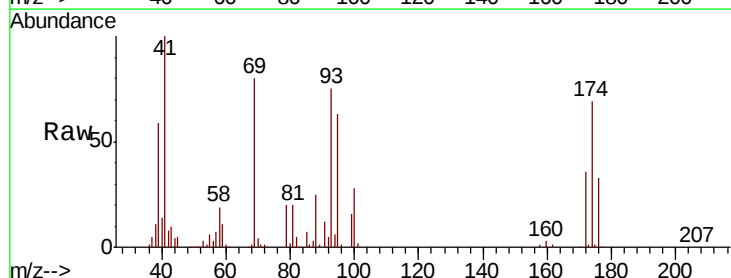
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

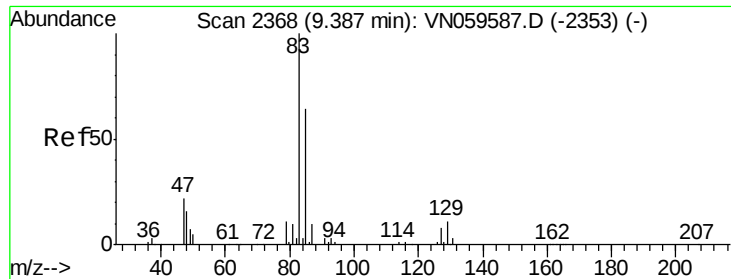
Tot Ion: 63 Resp: 167394
 Ion Ratio Lower Upper
 63 100
 65 30.2 24.9 37.3



#46
 Dibromomethane
 Concen: 49.163 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion: 93 Resp: 106121
 Ion Ratio Lower Upper
 93 100
 95 81.9 67.0 100.6
 174 92.1 73.4 110.2

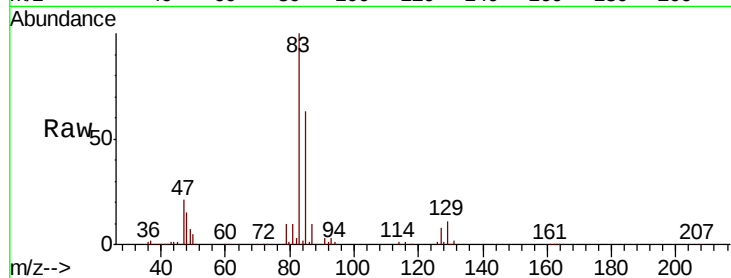




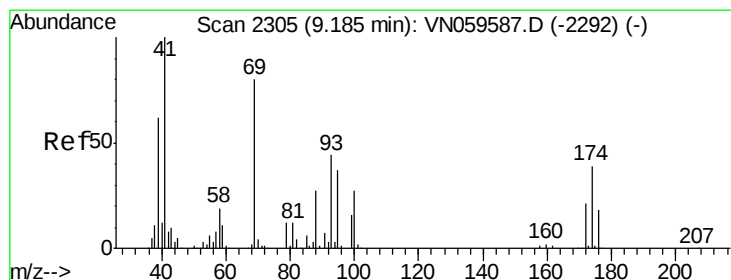
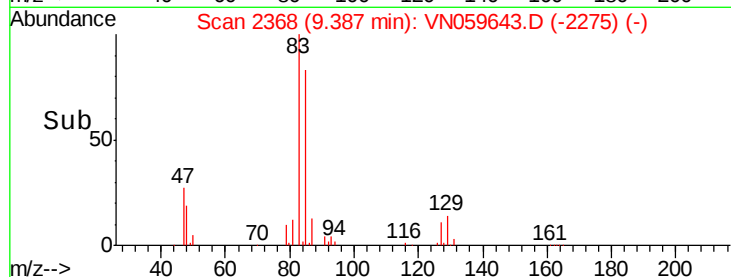
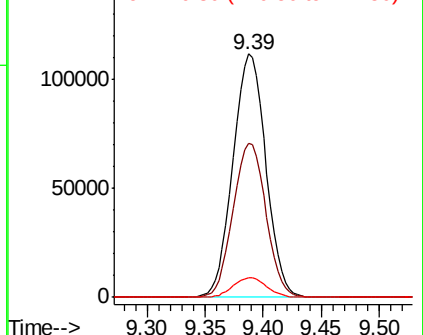
#47
Bromodichloromethane
Concen: 51.072 ug/l
RT: 9.39 min Scan# 2368
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 219795
Ion Ratio Lower Upper
83 100
85 63.4 51.1 76.7
127 8.2 6.6 9.8

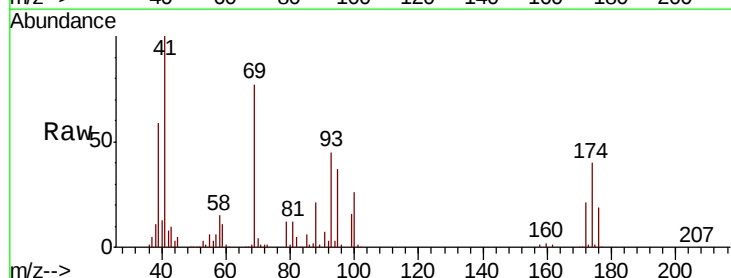


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): V

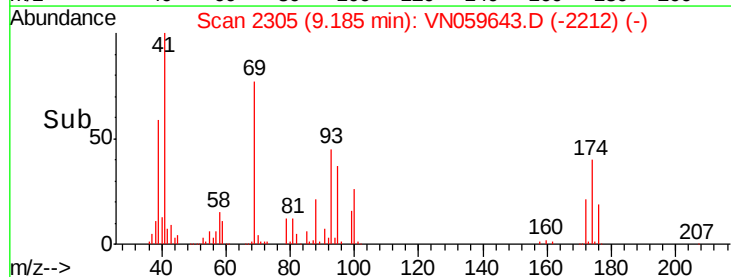
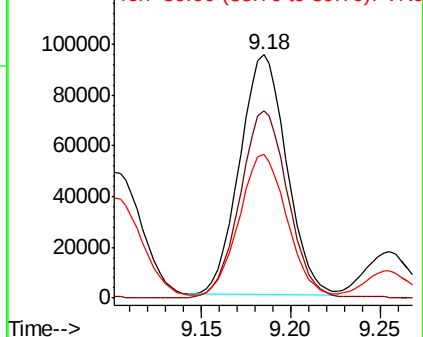


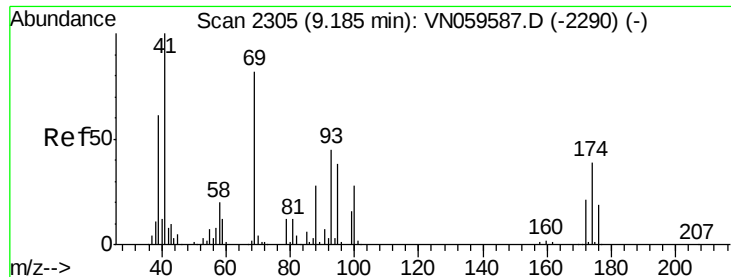
#48
Methyl methacrylate
Concen: 51.088 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 41 Resp: 174868
Ion Ratio Lower Upper
41 100
69 79.4 64.4 96.6
39 61.3 51.3 76.9



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

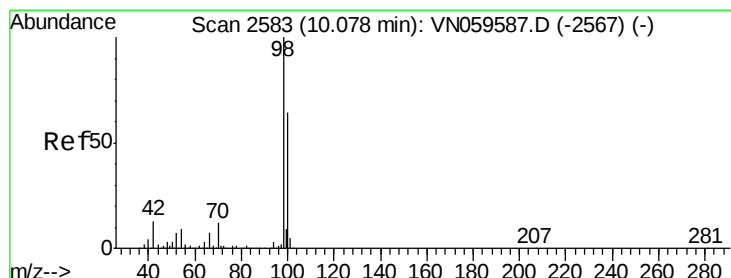
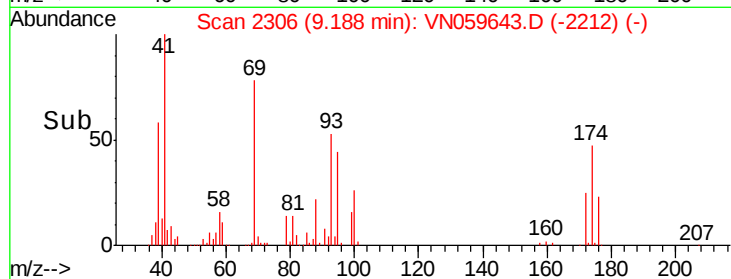
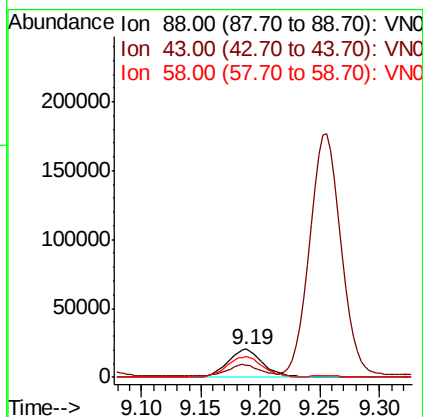
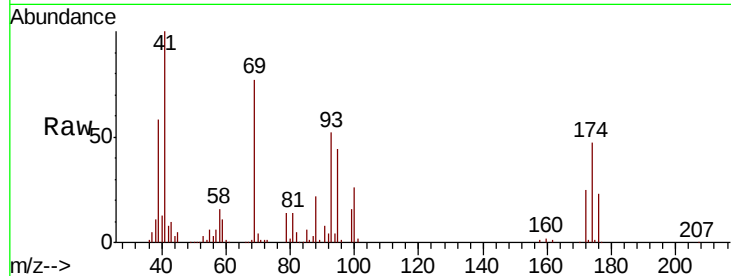




#49
1,4-Dioxane
Concen: 858.036 ug/l
RT: 9.19 min Scan# 2306
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

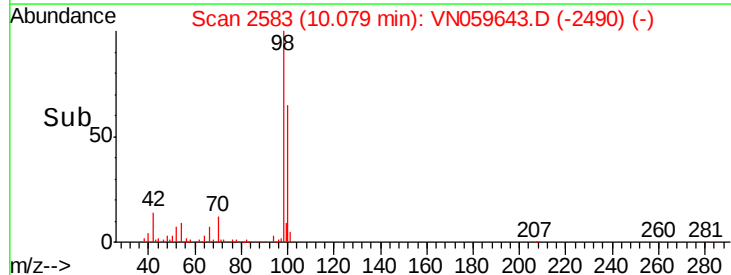
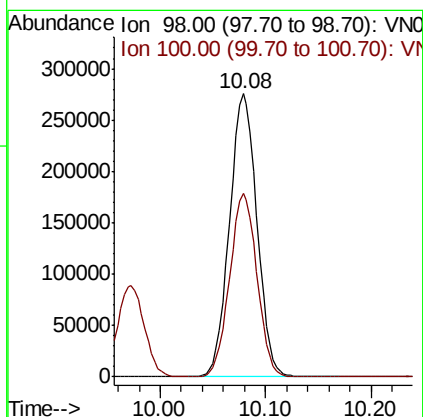
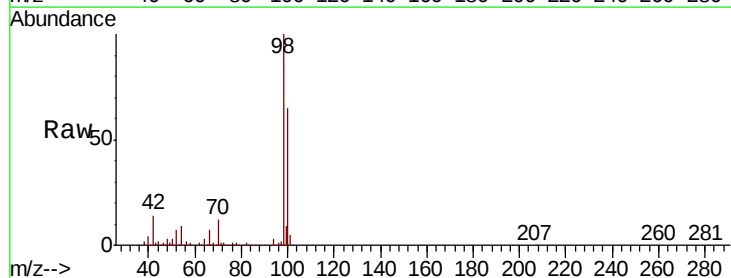
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

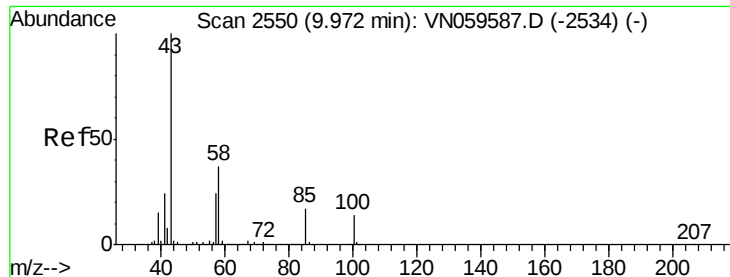
Tot Ion: 88 Resp: 42088
Ion Ratio Lower Upper
88 100
43 37.3 29.7 44.5
58 74.6 56.6 85.0



#50
Toluene-d8
Concen: 49.953 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 98 Resp: 495402
Ion Ratio Lower Upper
98 100
100 64.4 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 267.356 ug/l

RT: 9.97 min Scan# 2550

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

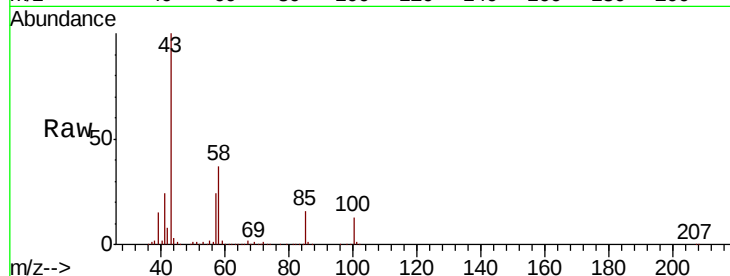
VSTDCCC050EC

Tot Ion: 43 Resp: 1202596

Ion Ratio Lower Upper

43 100

58 37.0 29.8 44.8



Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN059587.D (-2534) (-)

9.97

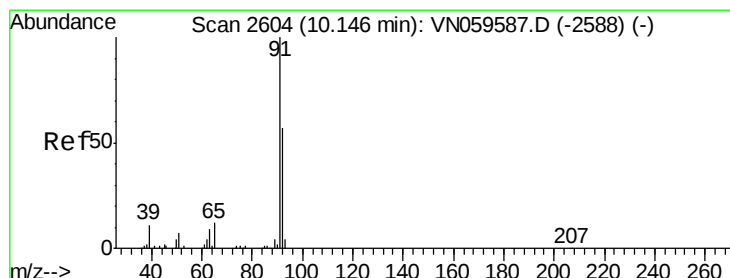
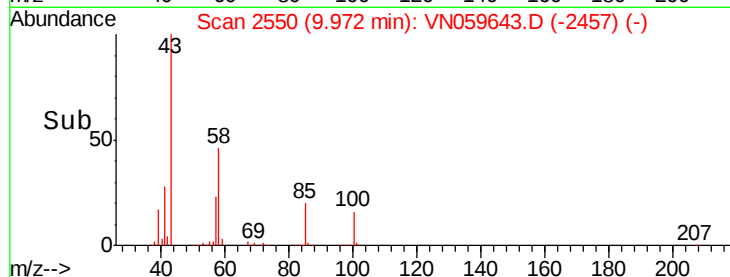
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.128 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN059643.D

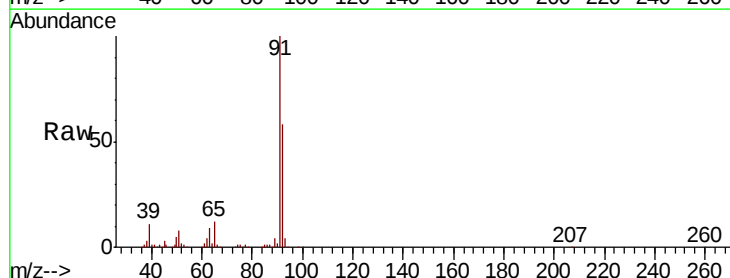
Acq: 17 Dec 2019 22:06

Tgt Ion: 92 Resp: 368297

Ion Ratio Lower Upper

92 100

91 175.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VN059587.D (-2588) (-)

Ion 91.00 (90.70 to 91.70): VN059587.D (-2588) (-)

10.14

400000

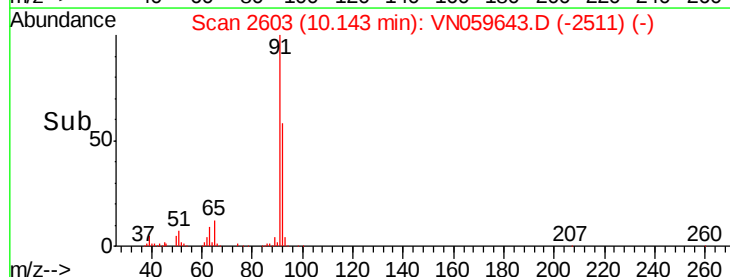
300000

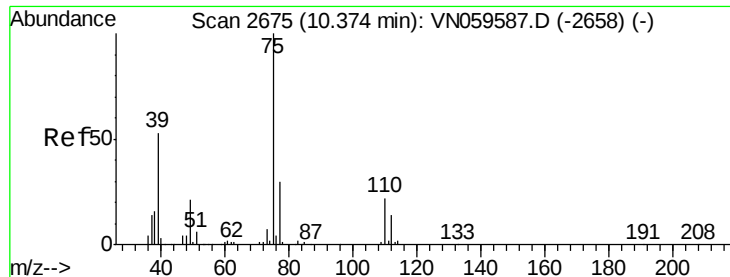
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.494 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

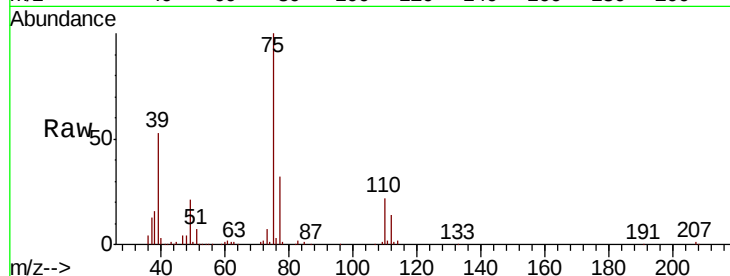
VSTDCCC050EC

Tot Ion: 75 Resp: 246345

Ion Ratio Lower Upper

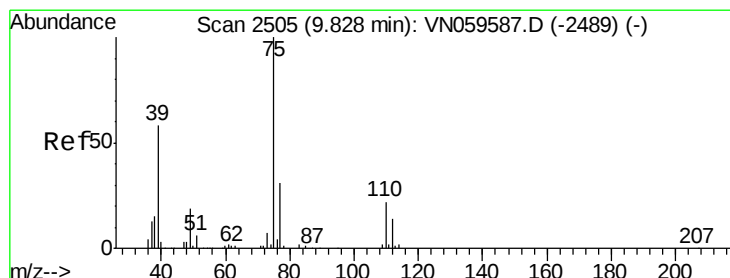
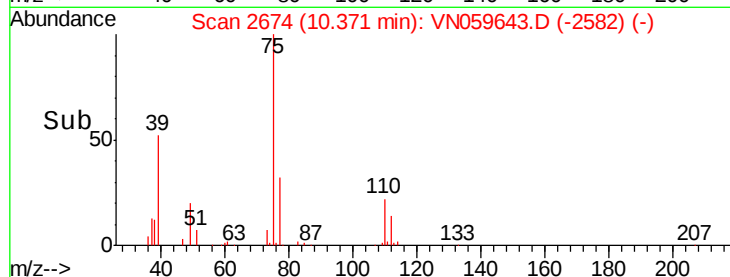
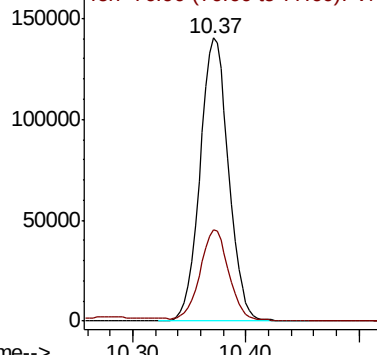
75 100

77 31.8 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: 50.186 ug/l

RT: 9.83 min Scan# 2505

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

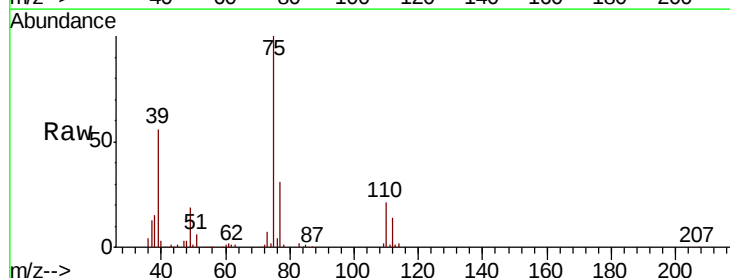
Tgt Ion: 75 Resp: 262566

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7

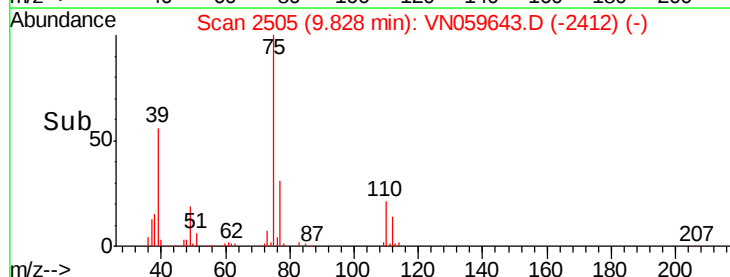
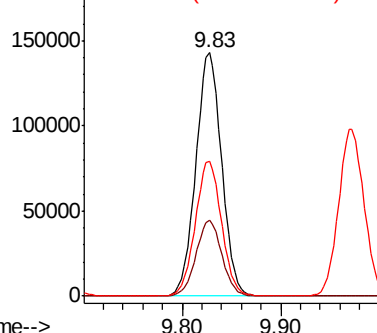
39 55.6 46.1 69.1

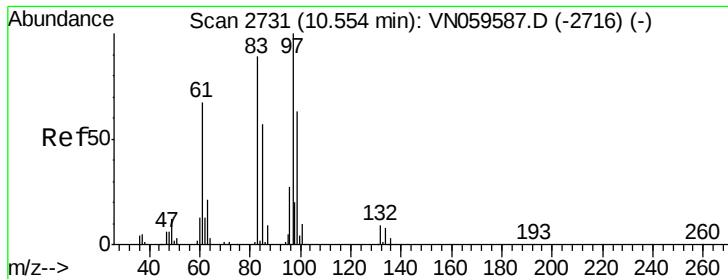


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

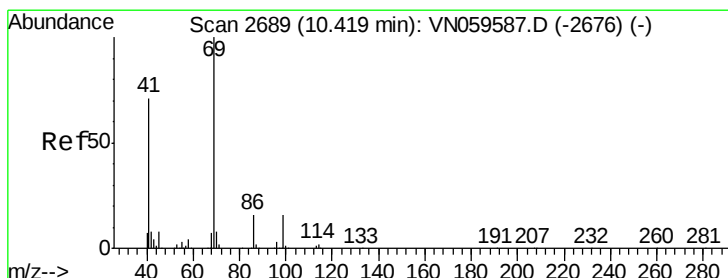
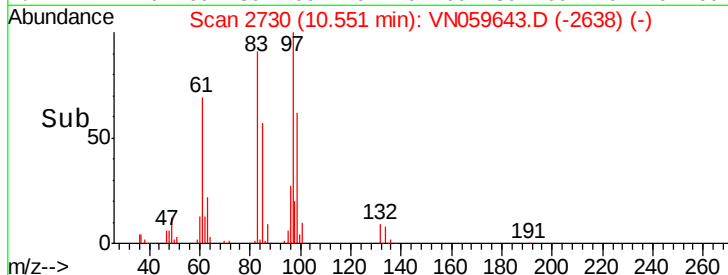
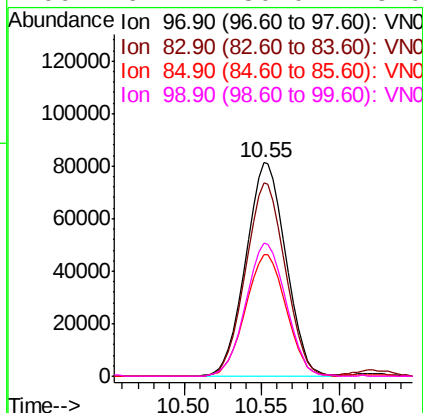
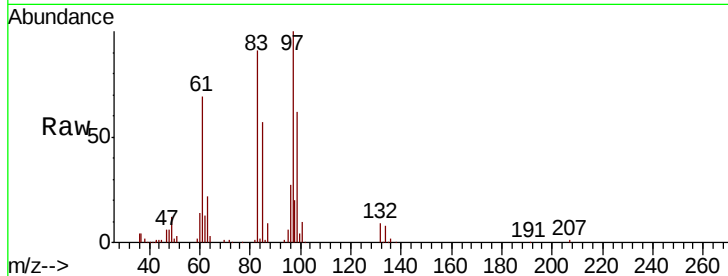




#55
 1,1,2-Trichloroethane
 Concen: 49.830 ug/l
 RT: 10.55 min Scan# 2730
 Delta R.T. -0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

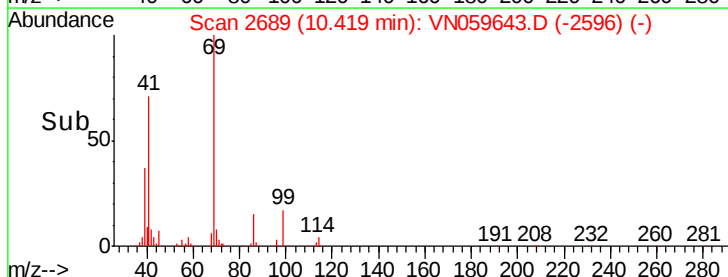
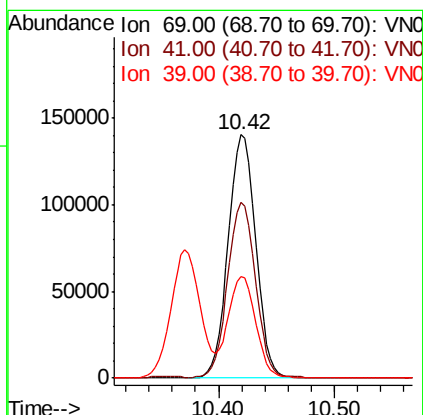
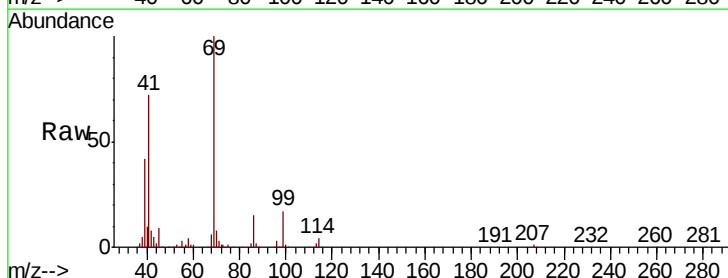
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

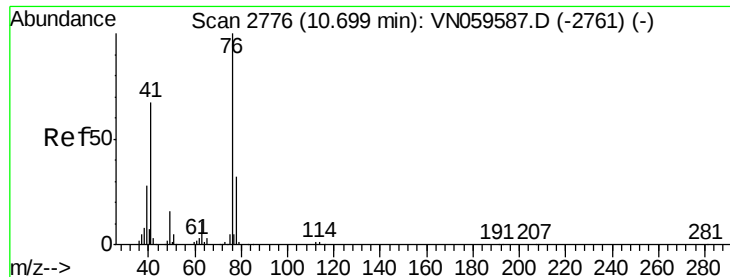
Tot Ion:	97	Resp:	146587
Ion	Ratio	Lower	Upper
97	100		
83	90.6	71.3	106.9
85	56.8	45.8	68.8
99	62.4	50.0	75.0



#56
 Ethyl methacrylate
 Concen: 53.131 ug/l
 RT: 10.42 min Scan# 2689
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion:	69	Resp:	232033
Ion	Ratio	Lower	Upper
69	100		
41	72.3	57.1	85.7
39	41.9	34.7	52.1





#57

1,3-Dichloropropane

Concen: 50.561 ug/l

RT: 10.70 min Scan# 2776

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

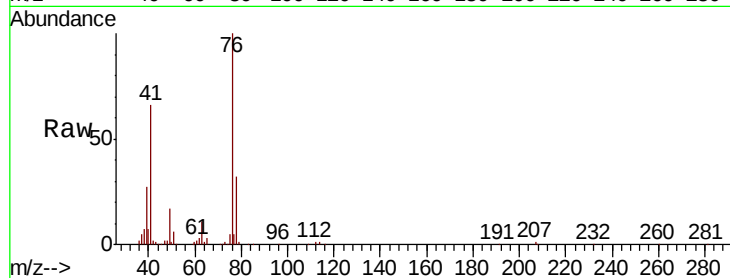
VSTDCCC050EC

Tot Ion: 76 Resp: 258974

Ion Ratio Lower Upper

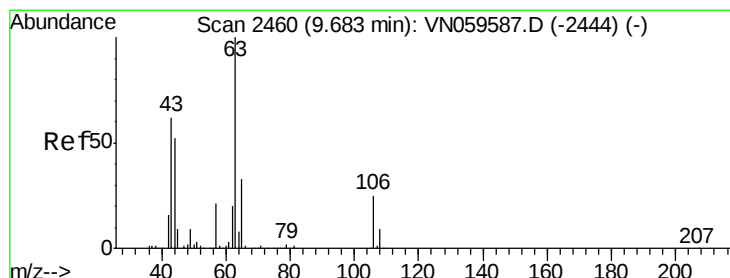
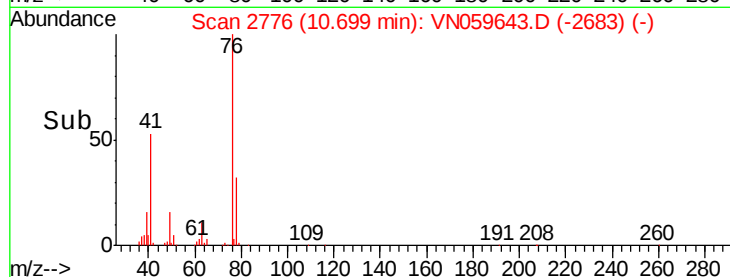
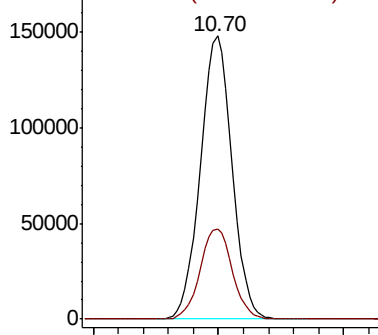
76 100

78 32.5 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 311.036 ug/l

RT: 9.68 min Scan# 2460

Delta R.T. 0.00 min

Lab File: VN059643.D

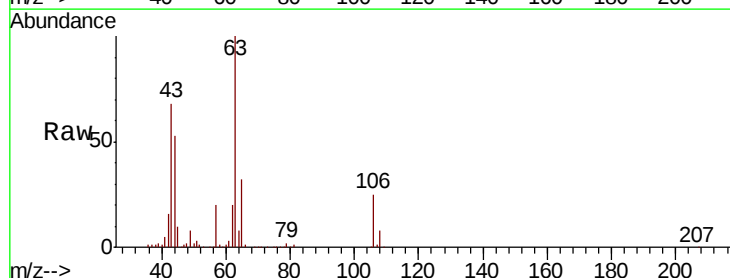
Acq: 17 Dec 2019 22:06

Tgt Ion: 63 Resp: 432007

Ion Ratio Lower Upper

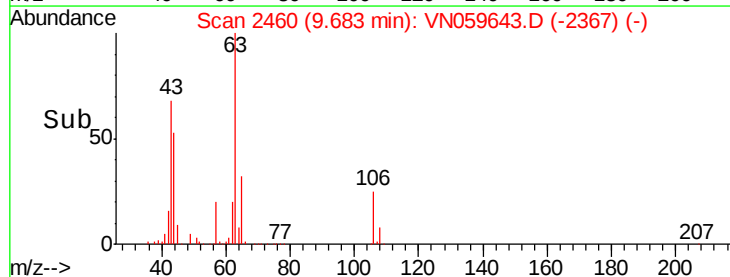
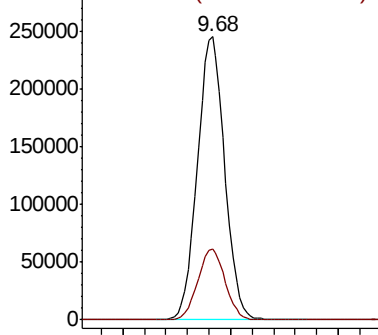
63 100

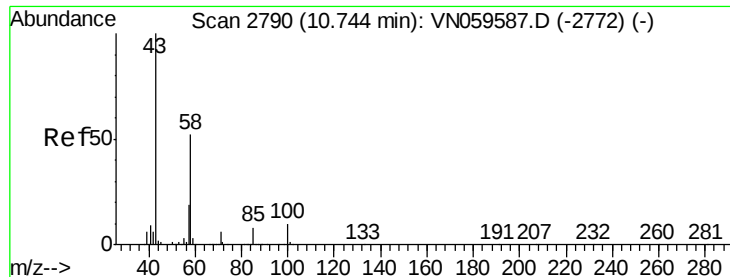
106 25.1 20.2 30.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

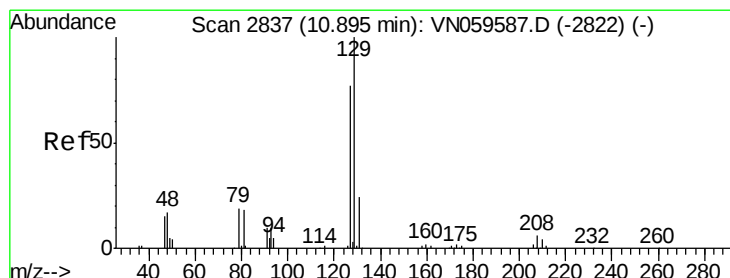
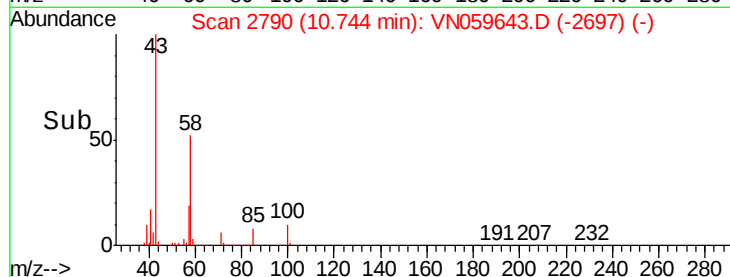
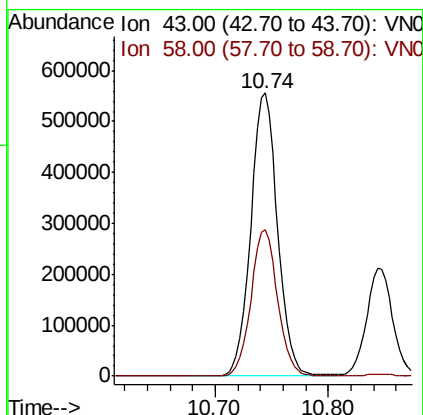
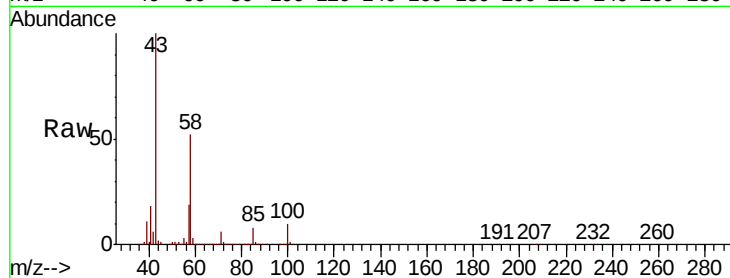




#59
2-Hexanone
Concen: 256.710 ug/l
RT: 10.74 min Scan# 2790
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

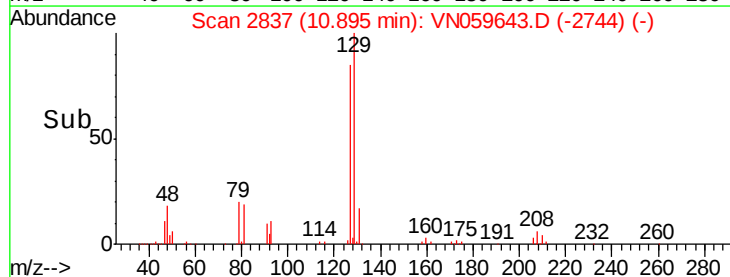
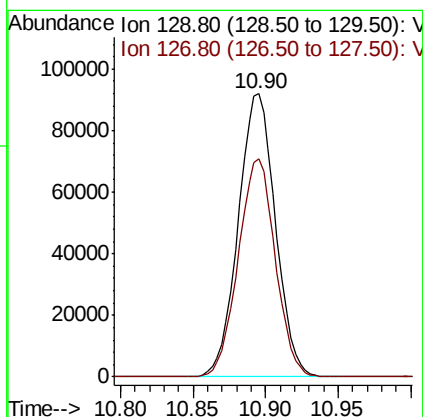
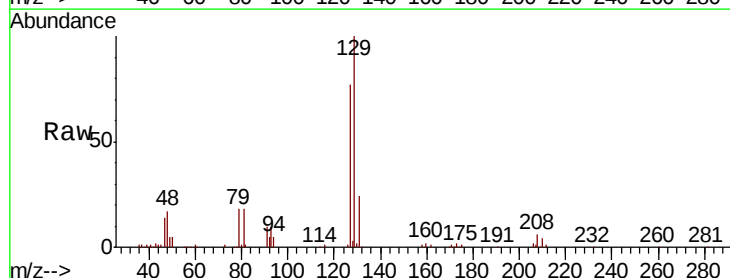
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

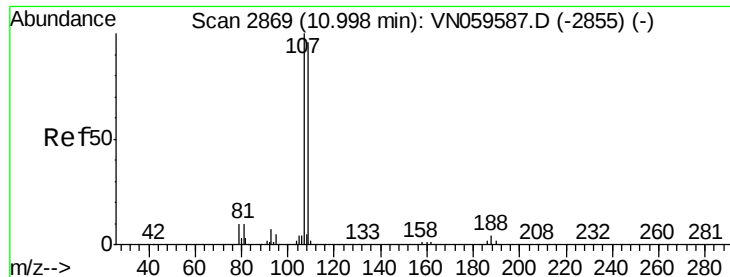
Tot Ion: 43 Resp: 910065
Ion Ratio Lower Upper
43 100
58 51.6 25.8 77.3



#60
Dibromochloromethane
Concen: 51.095 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 129 Resp: 164051
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

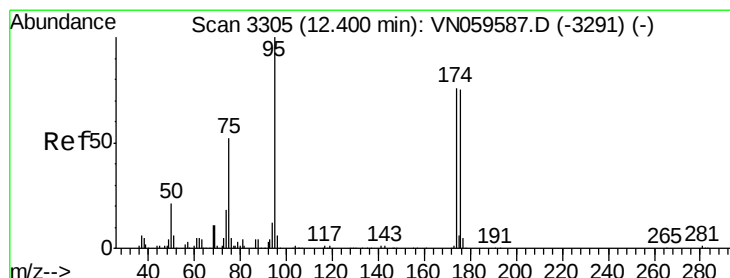
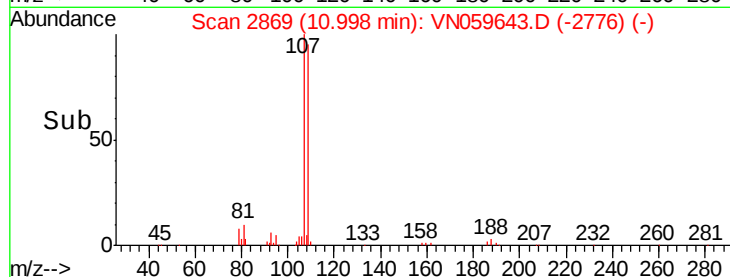
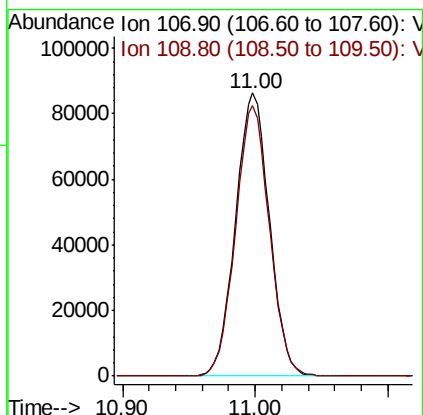
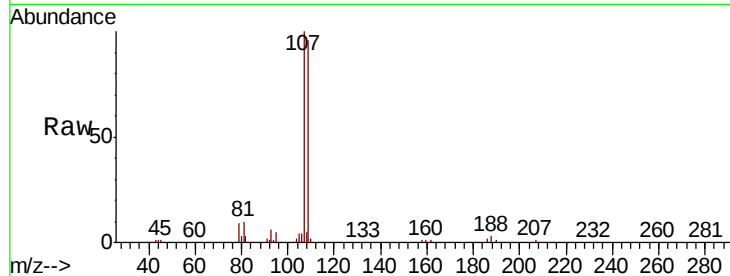




#61
 1,2-Dibromoethane
 Concen: 49.056 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

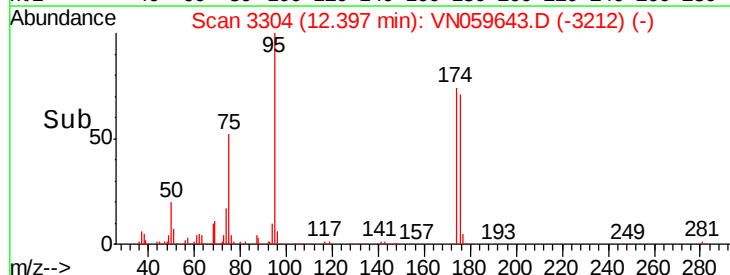
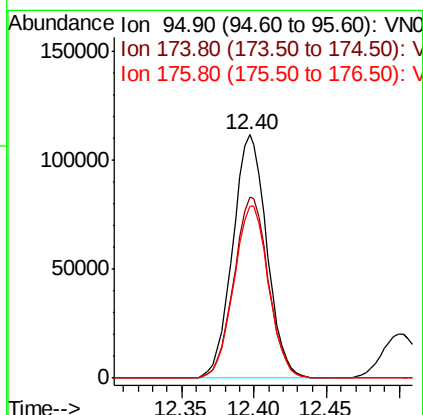
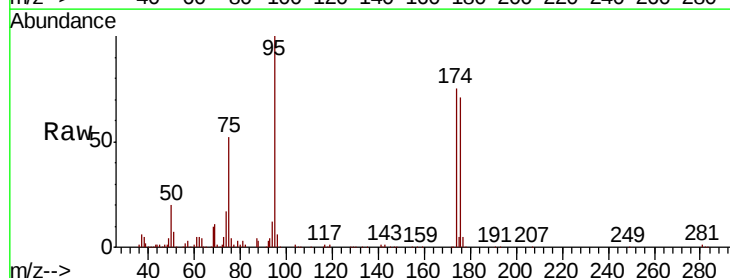
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

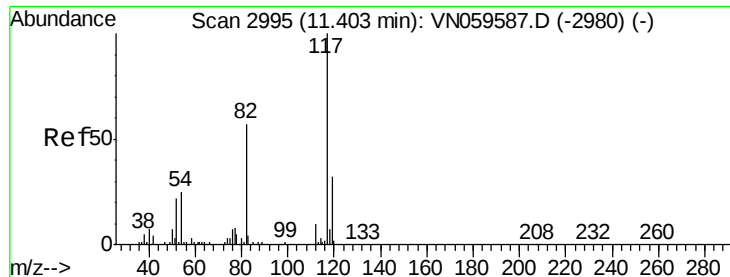
Tot Ion: 107 Resp: 153049
 Ion Ratio Lower Upper
 107 100
 109 95.5 76.6 115.0



#62
 4-Bromofluorobenzene
 Concen: 50.223 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion: 95 Resp: 181746
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 151.4
 176 72.4 0.0 146.0

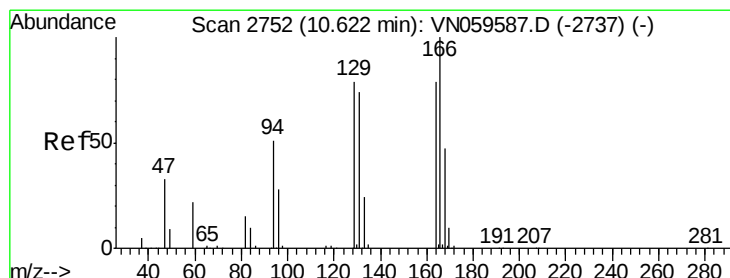
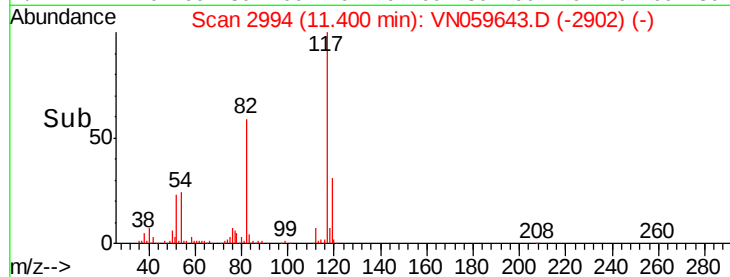
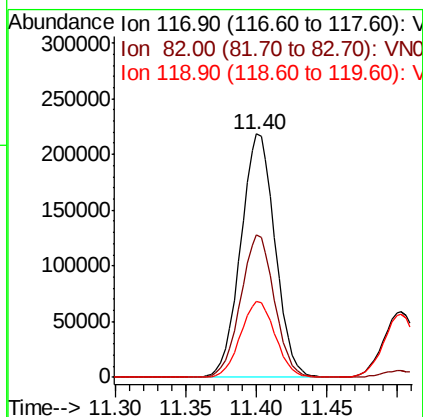
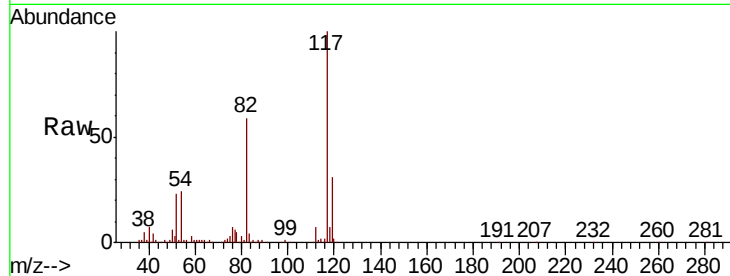




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

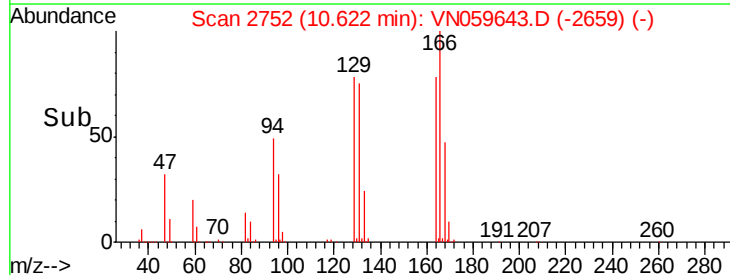
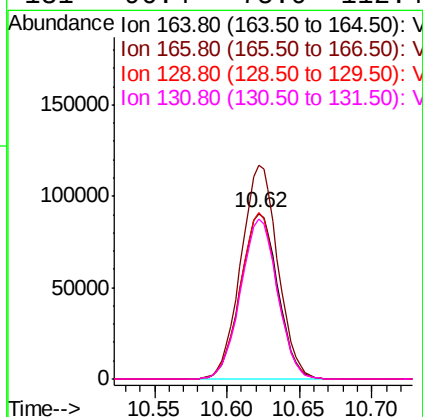
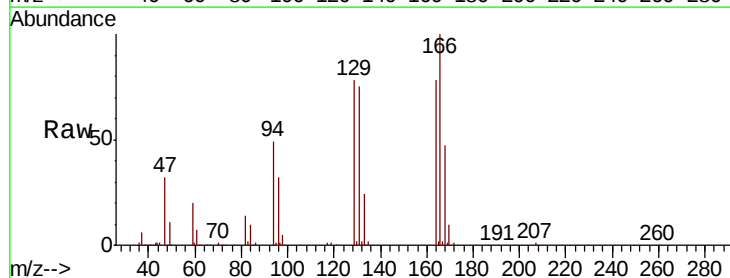
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

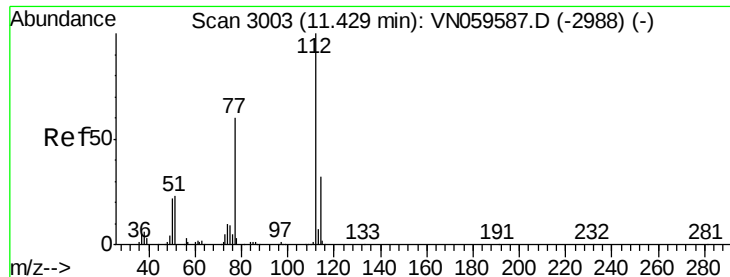
Tot Ion:117 Resp: 372903
Ion Ratio Lower Upper
117 100
82 58.5 45.9 68.9
119 31.1 25.5 38.3



#64
Tetrachloroethene
Concen: 46.620 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion:164 Resp: 162061
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 100.3 80.2 120.4
131 96.4 75.0 112.4

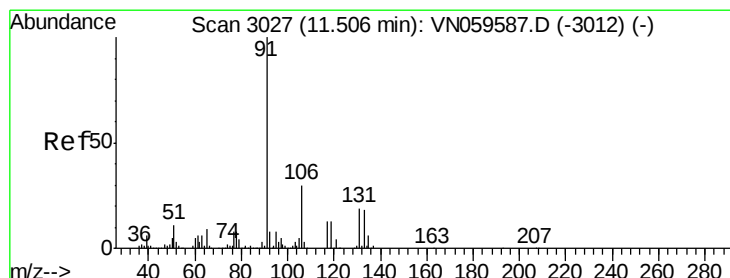
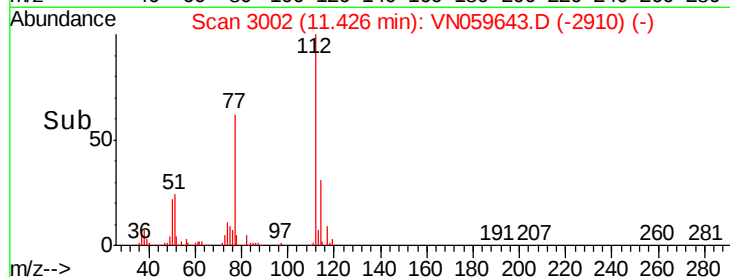
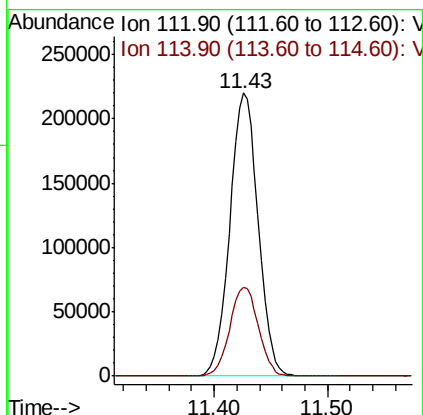
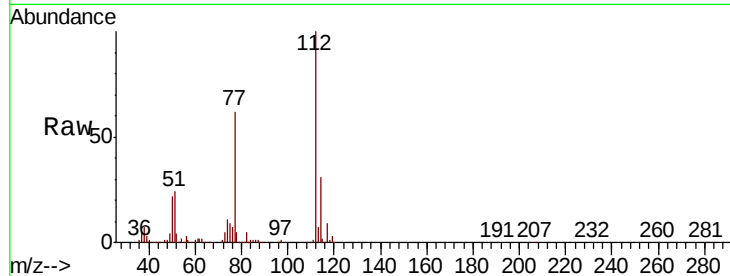




#65
Chlorobenzene
Concen: 47.257 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

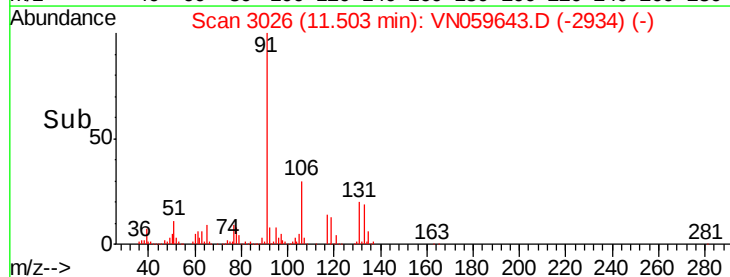
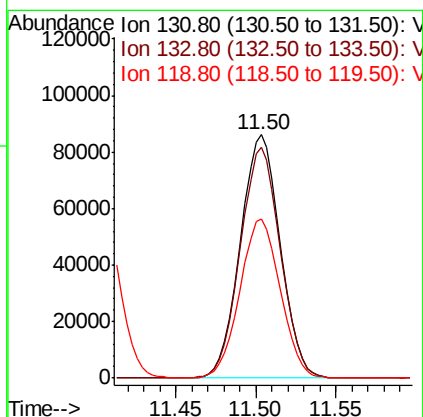
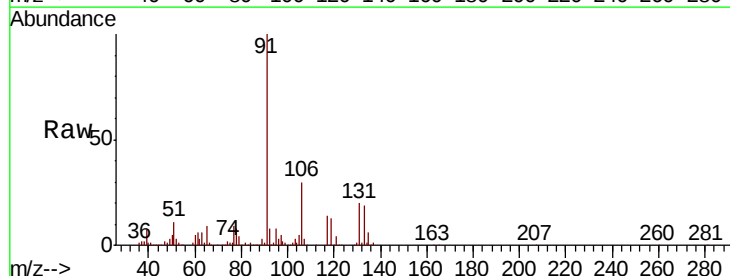
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

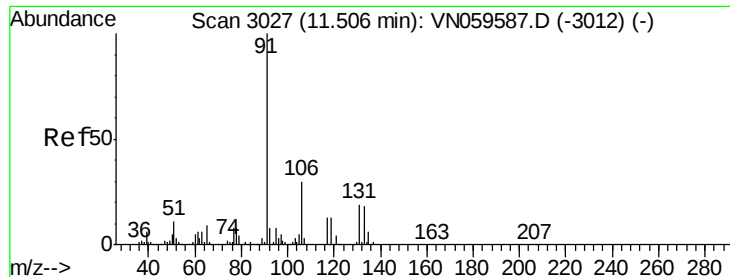
Tot Ion:112 Resp: 381299
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 47.888 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion:131 Resp: 146766
Ion Ratio Lower Upper
131 100
133 95.6 47.4 142.2
119 66.0 33.1 99.3

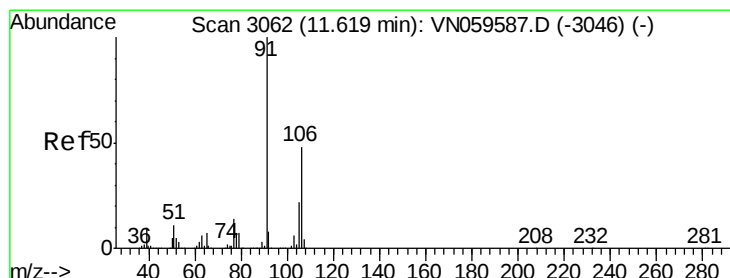
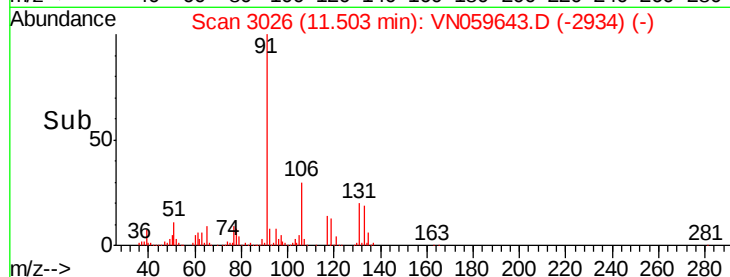
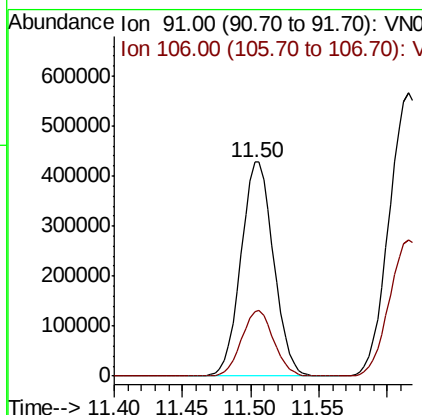
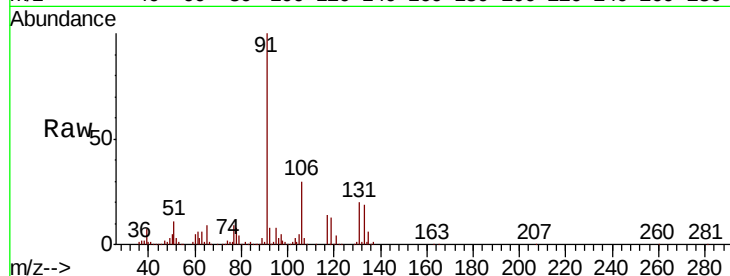




#67
Ethyl Benzene
Concen: 48.739 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

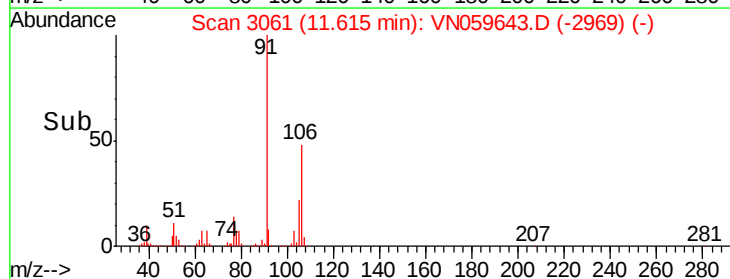
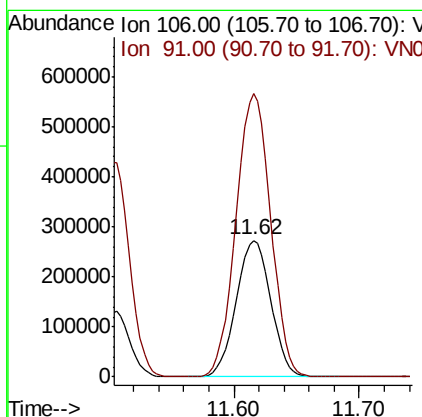
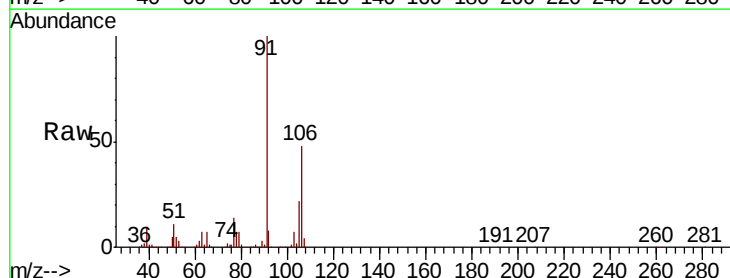
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

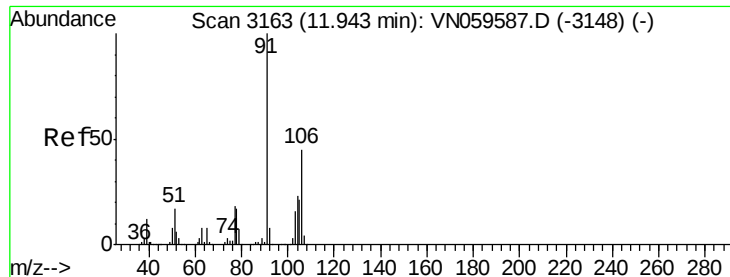
Tot Ion: 91 Resp: 709857
Ion Ratio Lower Upper
91 100
106 30.3 24.1 36.1



#68
m/p-Xylenes
Concen: 97.232 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 106 Resp: 522929
Ion Ratio Lower Upper
106 100
91 208.1 167.9 251.9

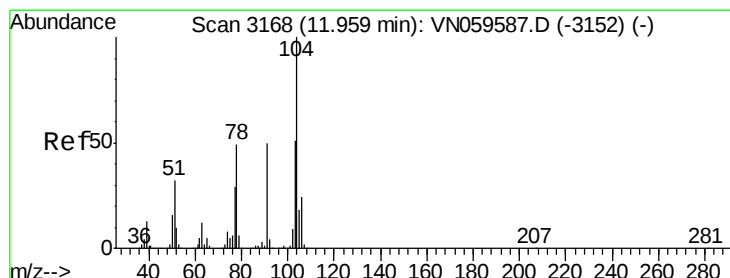
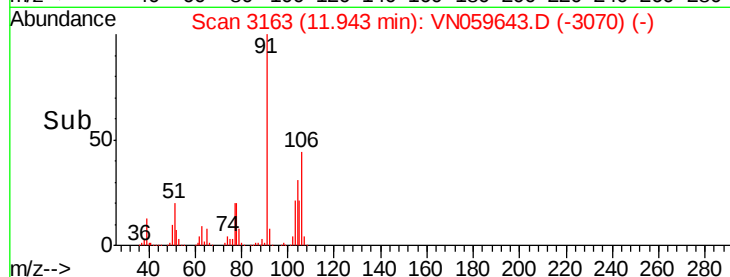
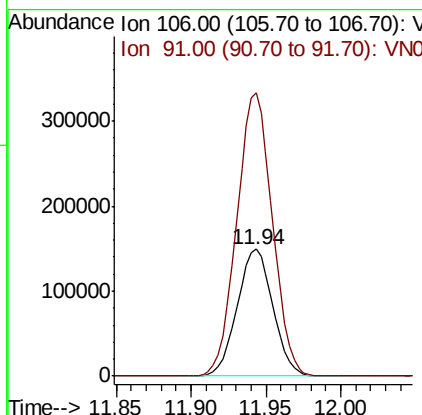
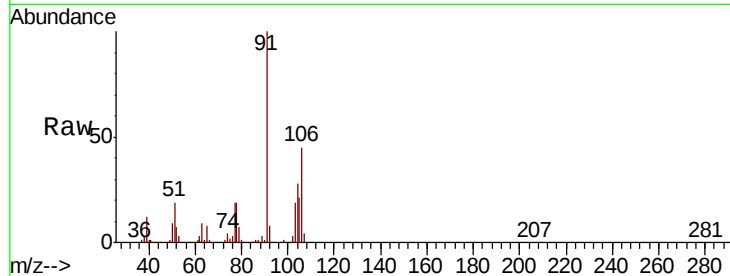




#69
o-Xylene
Concen: 48.390 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

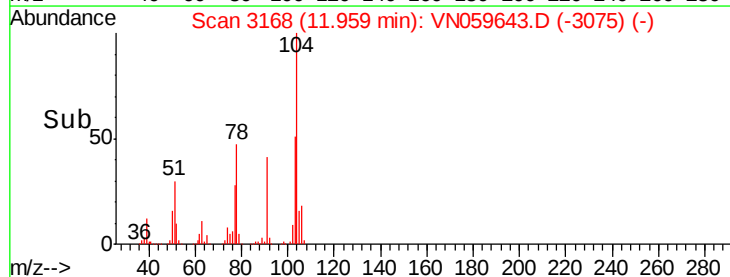
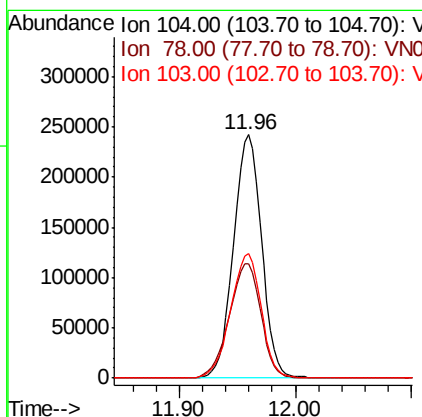
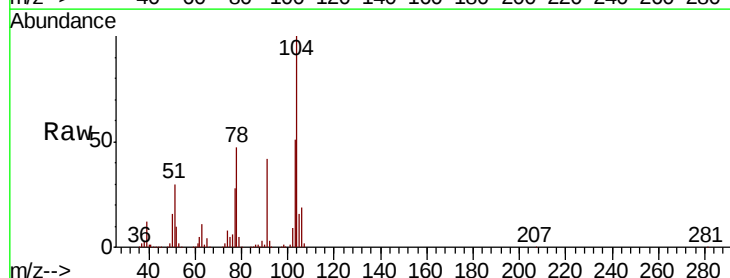
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

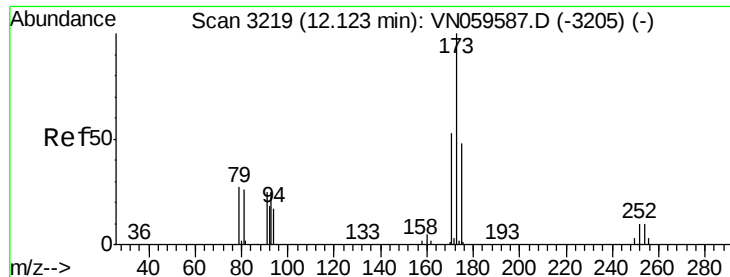
Tot Ion:106 Resp: 247630
Ion Ratio Lower Upper
106 100
91 222.9 110.3 330.9



#70
Styrene
Concen: 49.528 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion:104 Resp: 407215
Ion Ratio Lower Upper
104 100
78 52.9 42.4 63.6
103 55.7 43.9 65.9





#71

Bromoform

Concen: 50.446 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

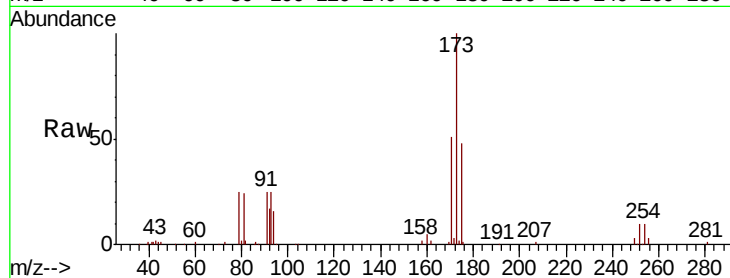
Tot Ion:173 Resp: 116217

Ion Ratio Lower Upper

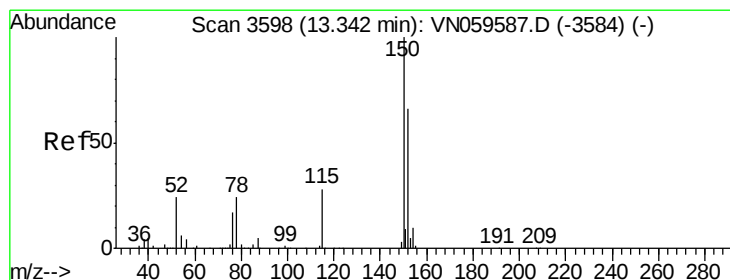
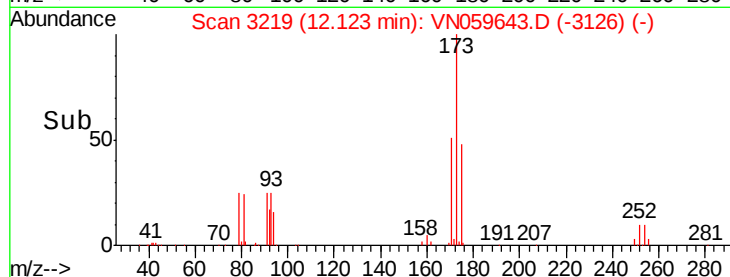
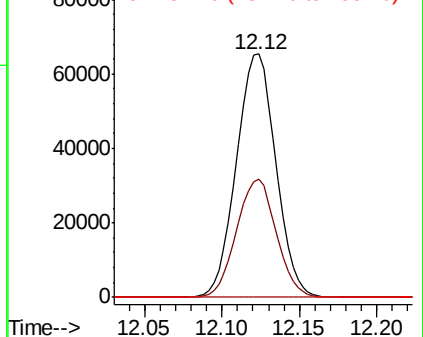
173 100

175 48.7 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# 3597

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

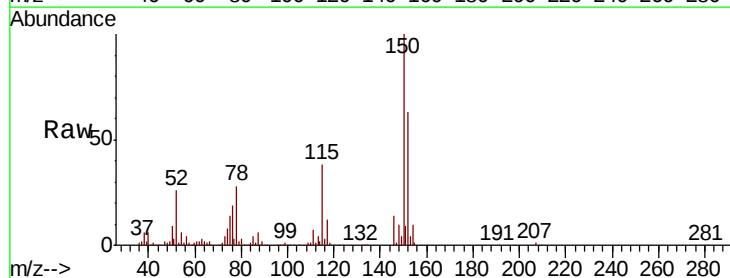
Tgt Ion:152 Resp: 177048

Ion Ratio Lower Upper

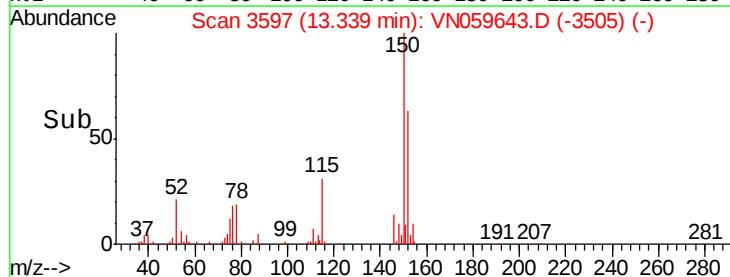
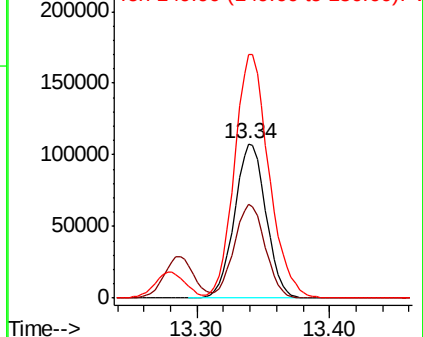
152 100

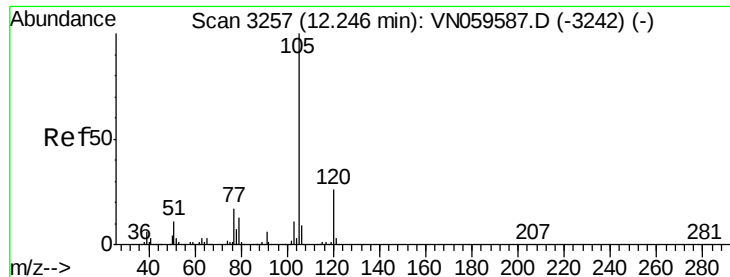
115 60.5 30.3 90.9

150 172.8 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: 48.483 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

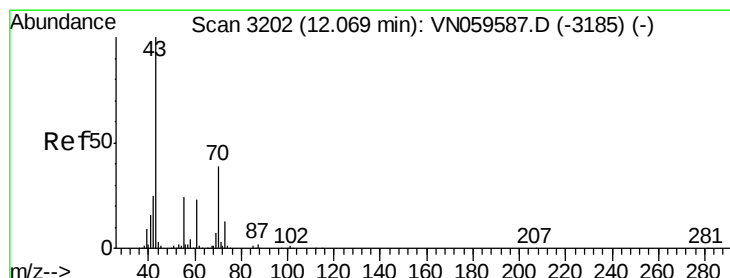
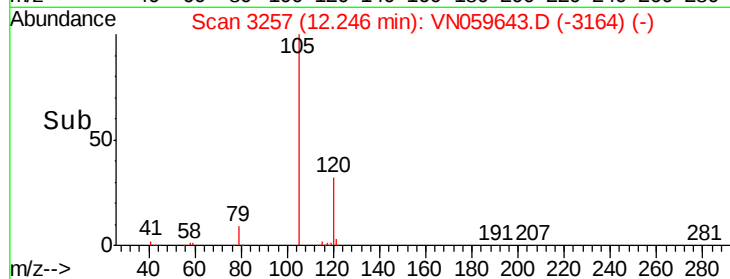
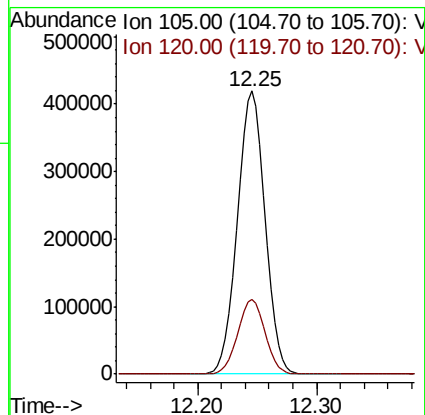
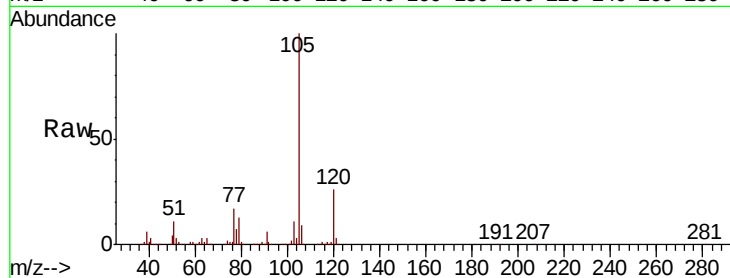
VSTDCCC050EC

Tot Ion:105 Resp: 673838

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 50.875 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Tgt Ion: 43 Resp: 324341

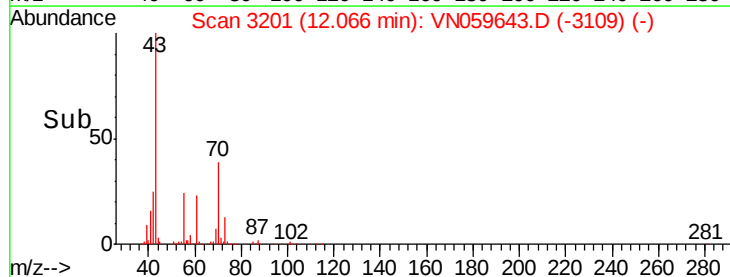
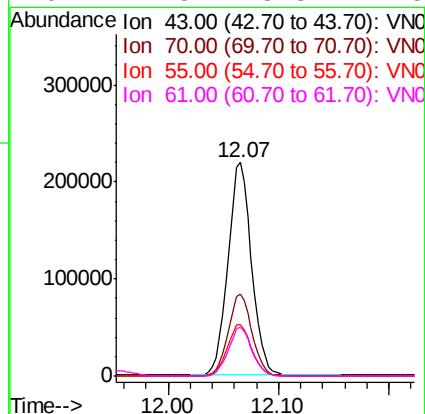
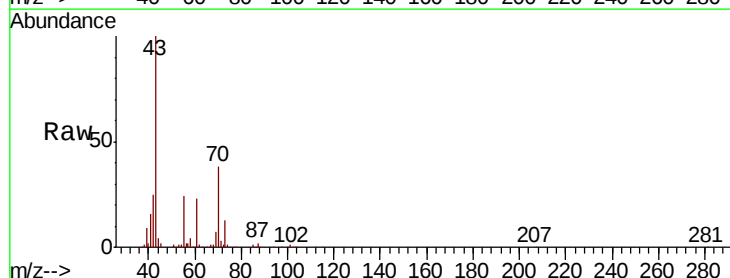
Ion Ratio Lower Upper

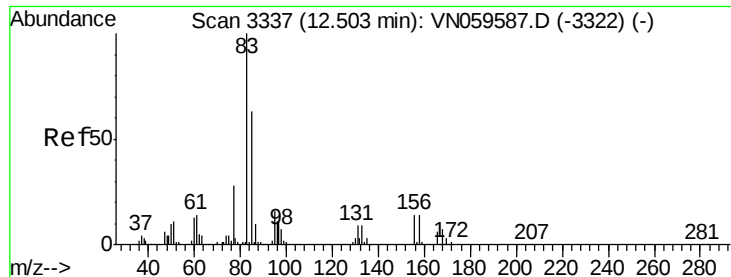
43 100

70 39.0 31.3 46.9

55 24.8 19.8 29.6

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 49.362 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

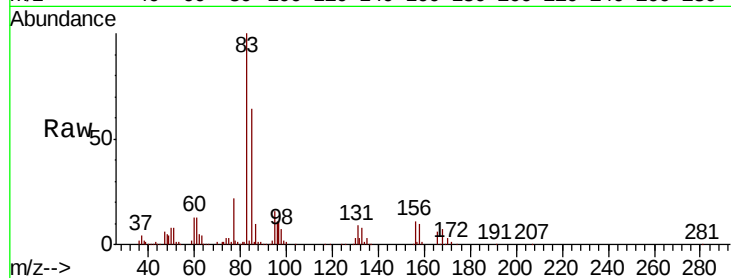
Tot Ion: 83 Resp: 217625

Ion Ratio Lower Upper

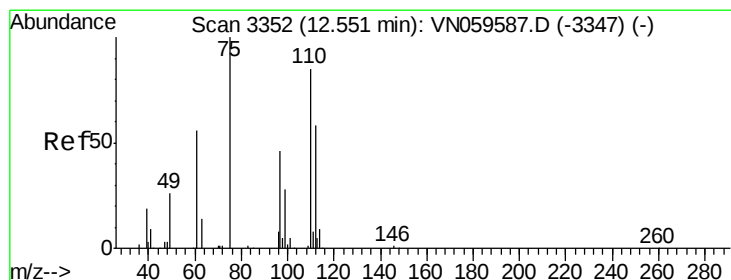
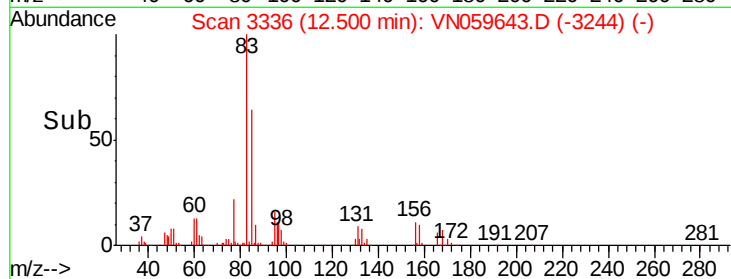
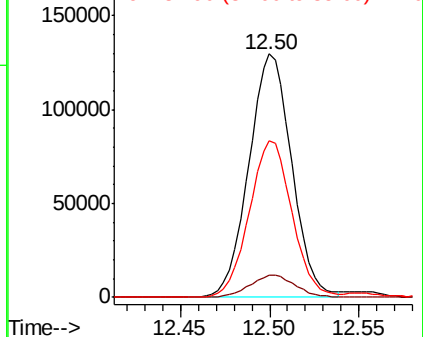
83 100

131 9.6 5.0 14.9

85 64.1 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: 71.718 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN059643.D

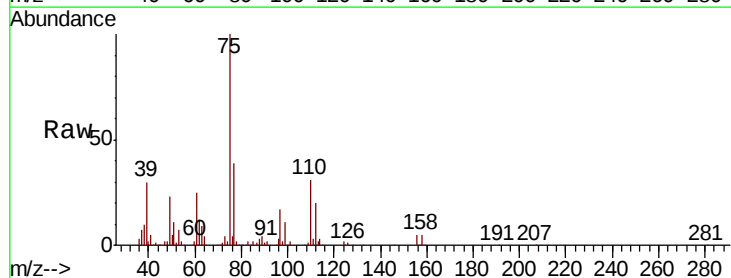
Acq: 17 Dec 2019 22:06

Tgt Ion: 75 Resp: 314336

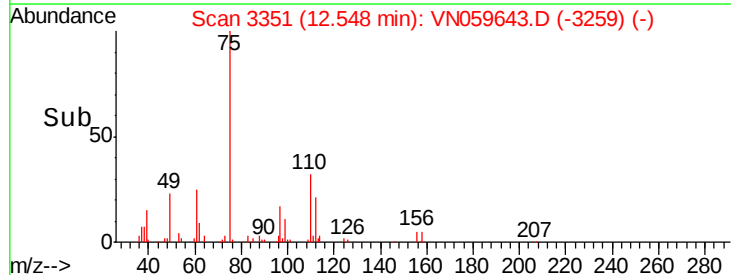
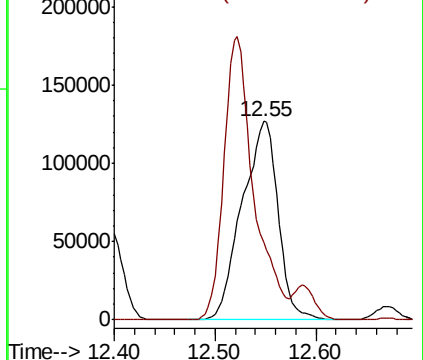
Ion Ratio Lower Upper

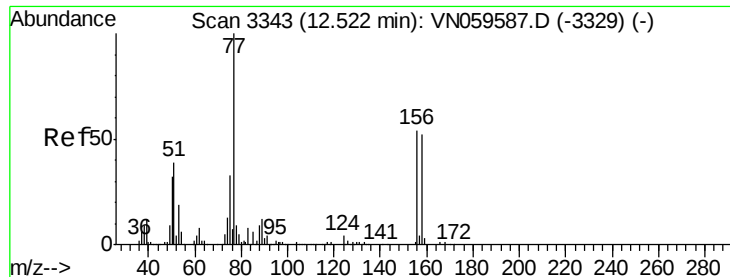
75 100

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: 46.712 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

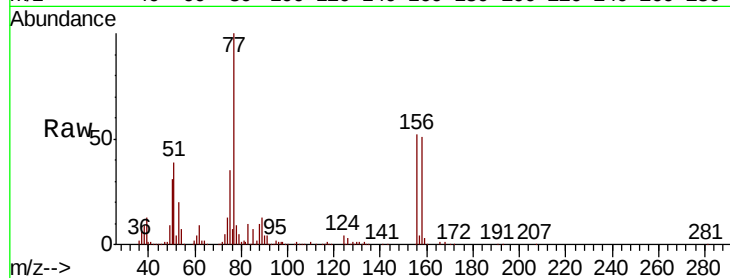
Tot Ion:156 Resp: 159660

Ion Ratio Lower Upper

156 100

77 235.6 115.8 347.4

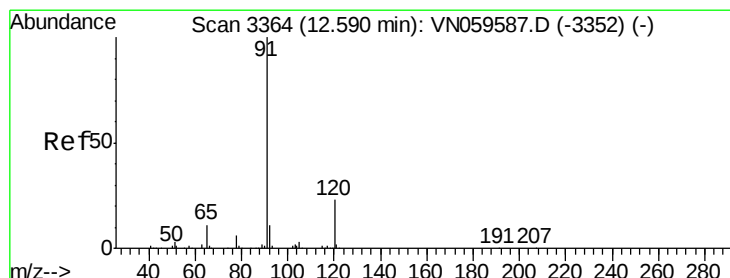
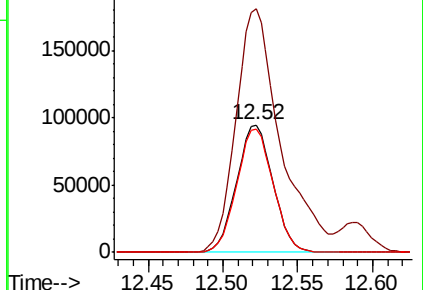
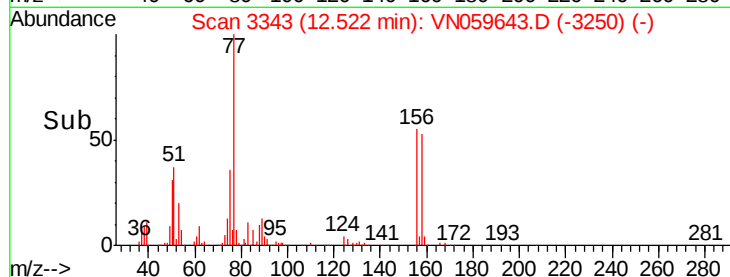
158 97.1 49.2 147.6



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: 48.926 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN059643.D

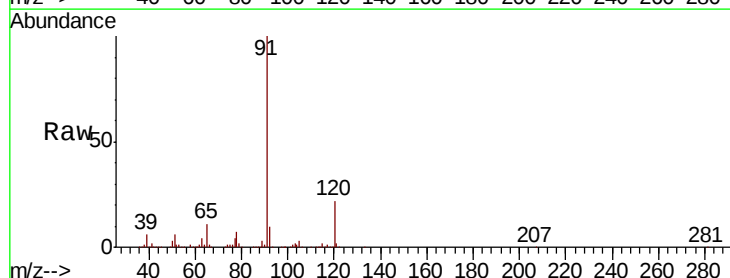
Acq: 17 Dec 2019 22:06

Tgt Ion: 91 Resp: 803808

Ion Ratio Lower Upper

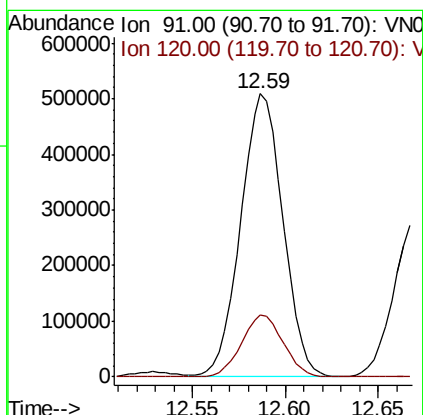
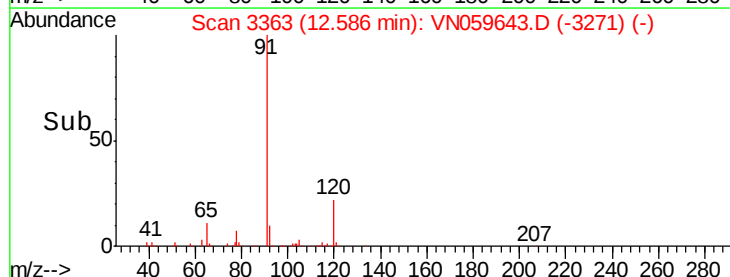
91 100

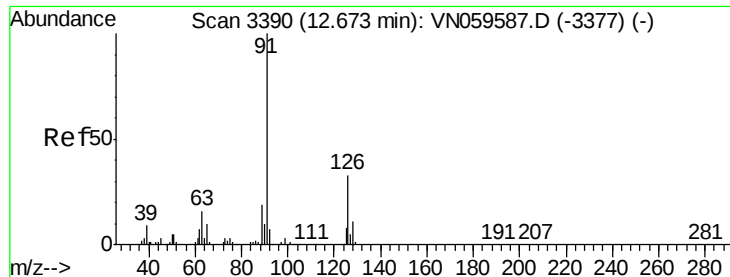
120 21.6 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

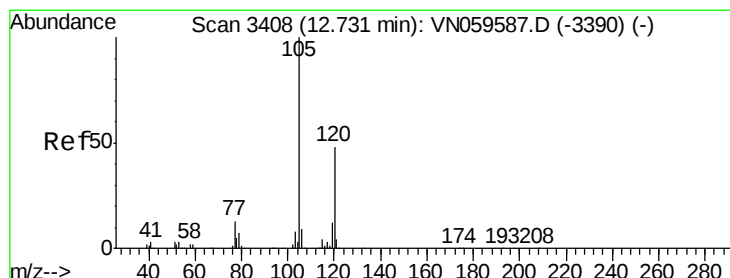
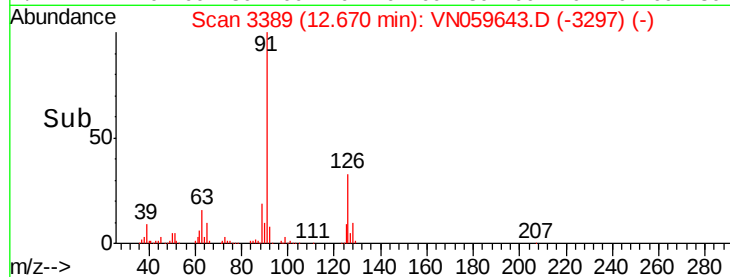
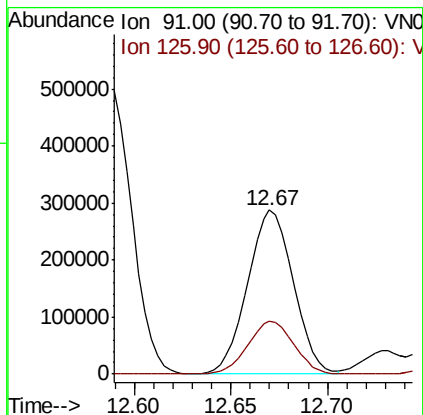
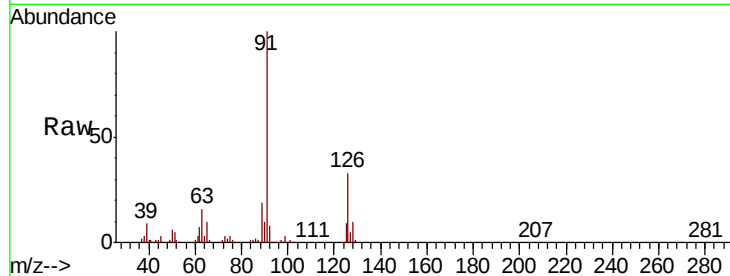




#79
 2-Chlorotoluene
 Concen: 47.663 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

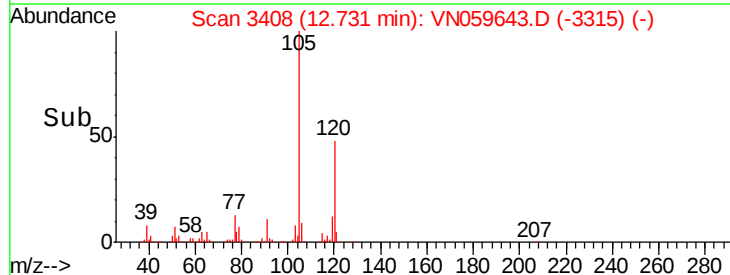
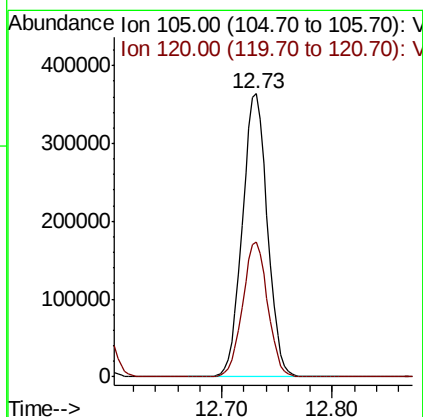
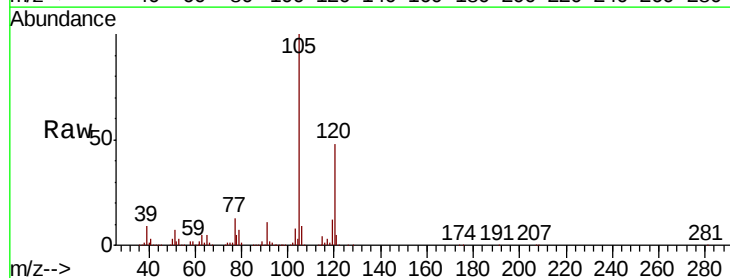
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

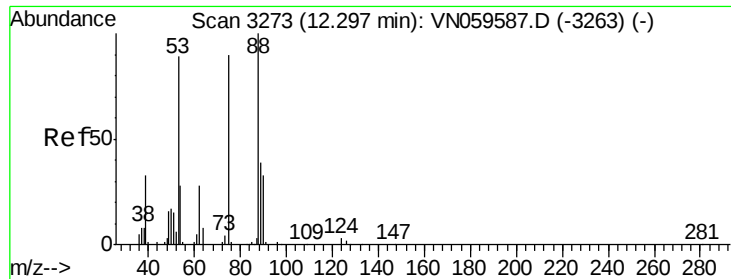
Tot Ion: 91 Resp: 473497
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 48.385 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion: 105 Resp: 569075
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 47.698 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

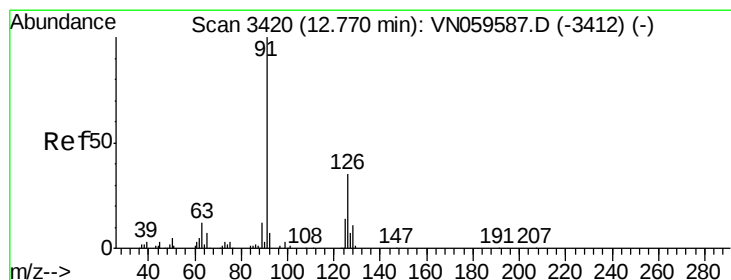
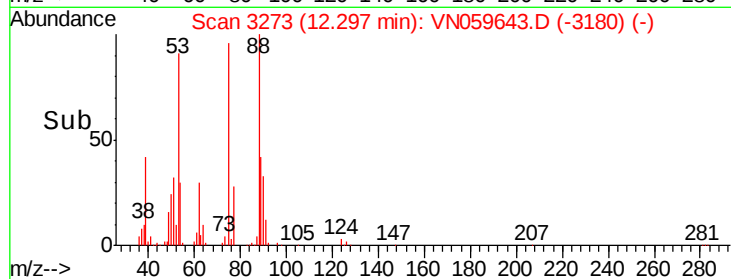
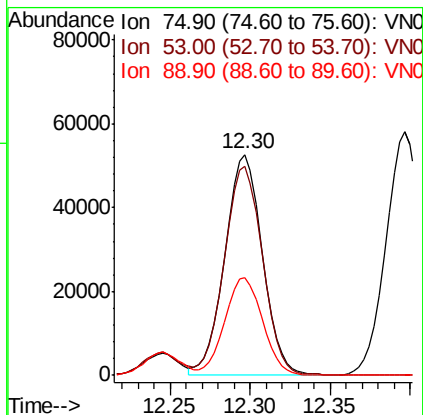
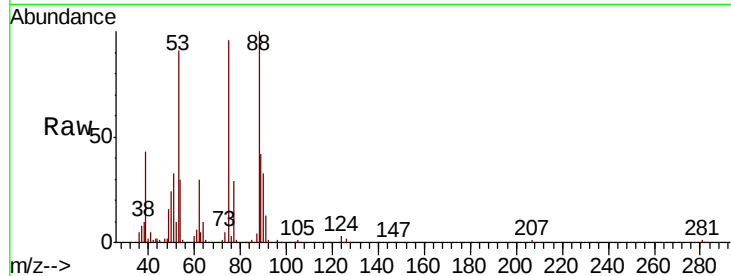
Tot Ion: 75 Resp: 84642

Ion Ratio Lower Upper

75 100

53 96.5 78.1 117.1

89 44.3 35.4 53.2



#82

4-Chlorotoluene

Concen: 47.842 ug/l

RT: 12.77 min Scan# 3420

Delta R.T. 0.00 min

Lab File: VN059643.D

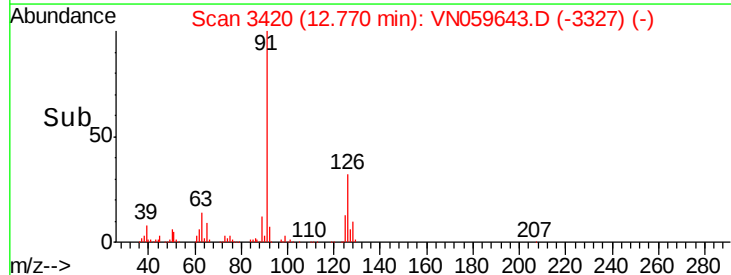
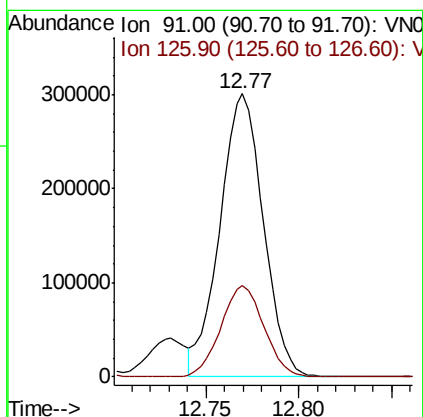
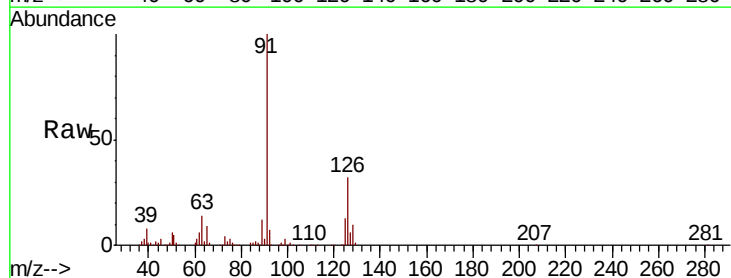
Acq: 17 Dec 2019 22:06

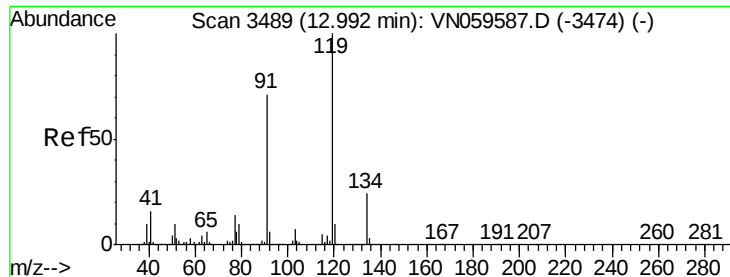
Tgt Ion: 91 Resp: 486636

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.8

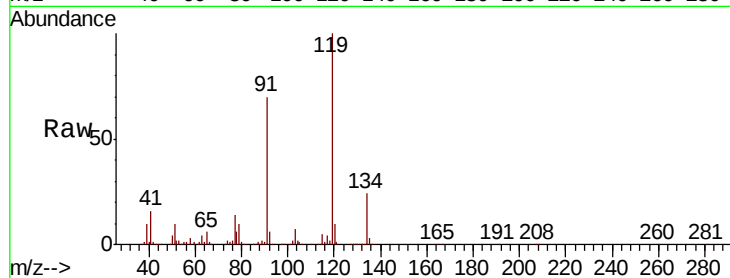




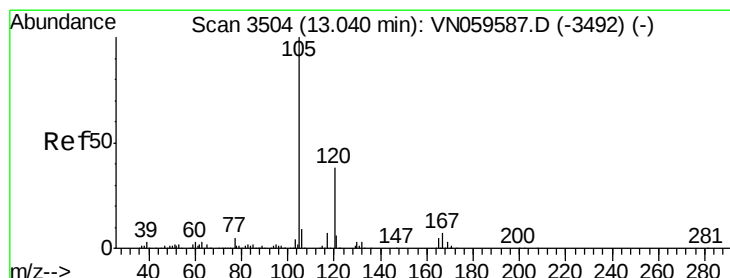
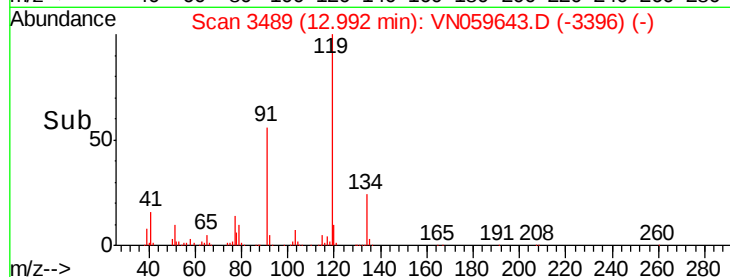
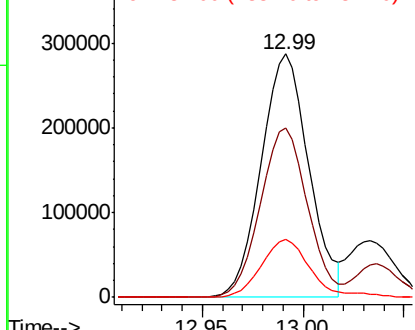
#83
tert-Butylbenzene
Concen: 47.415 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 472276
Ion Ratio Lower Upper
119 100
91 68.6 34.8 104.4
134 24.8 12.3 36.9

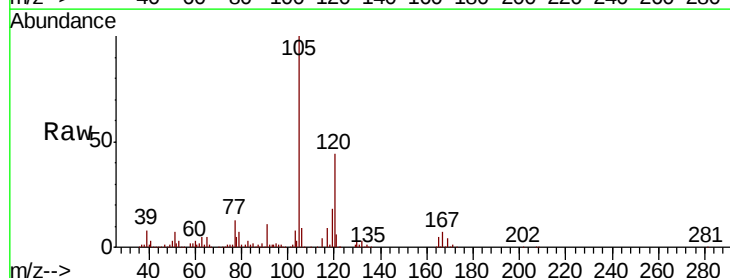


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

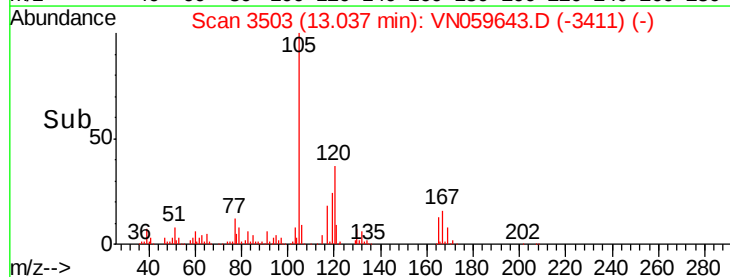
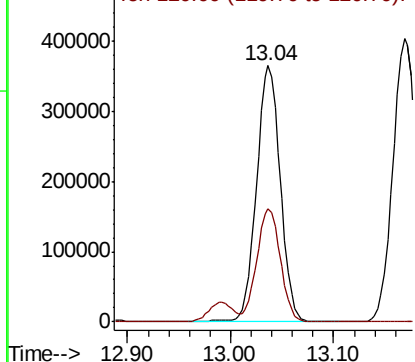


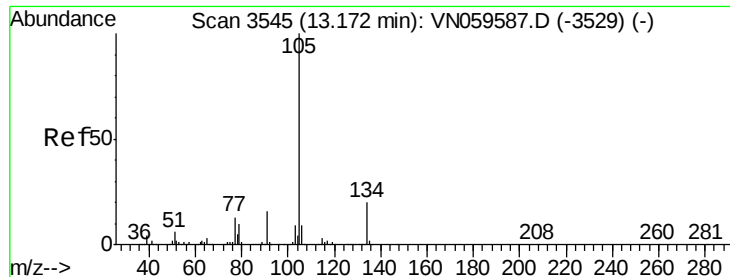
#84
1,2,4-Trimethylbenzene
Concen: 49.604 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion:105 Resp: 580123
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

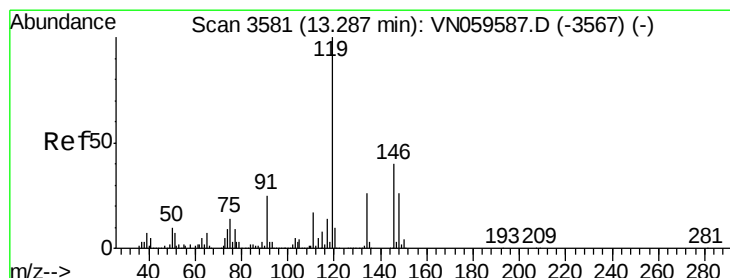
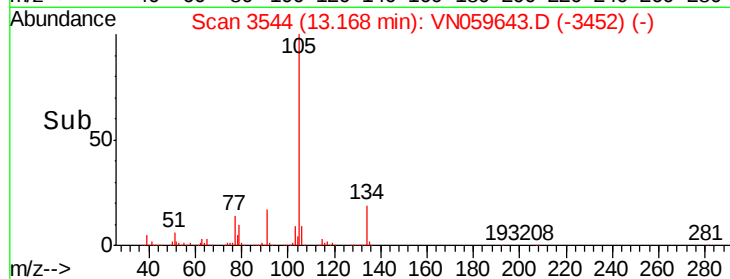
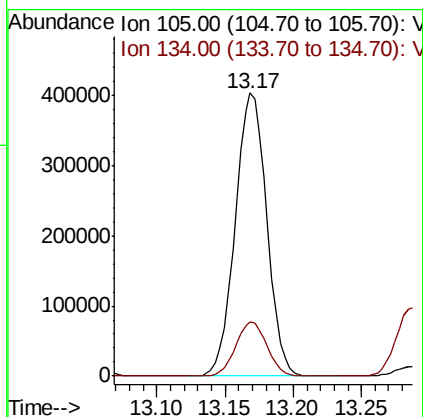
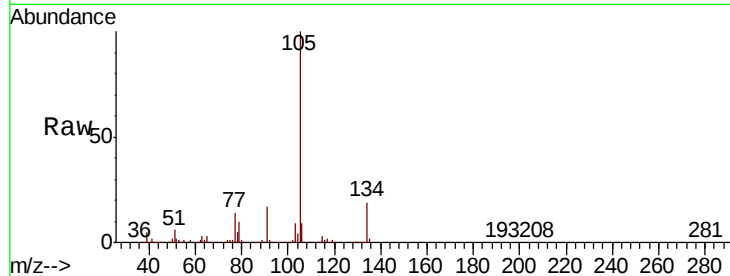




#85
 sec-Butylbenzene
 Concen: 48.626 ug/l
 RT: 13.17 min Scan# 3544
 Delta R.T. -0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

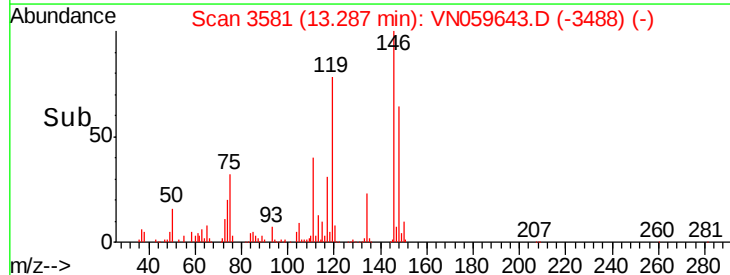
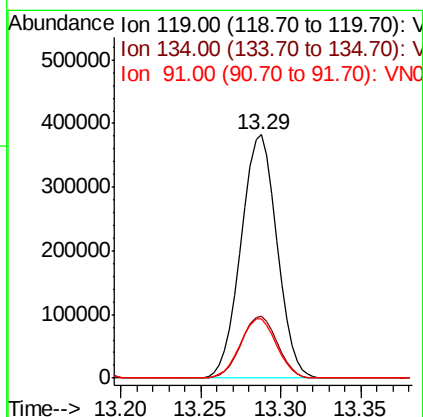
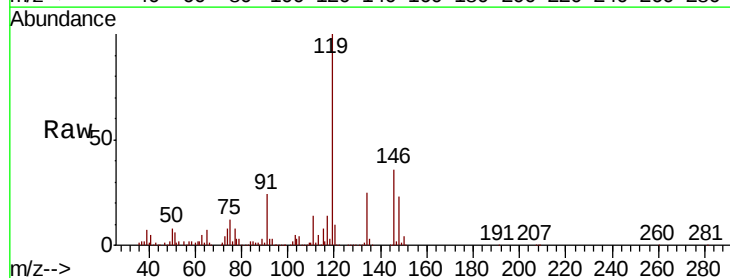
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

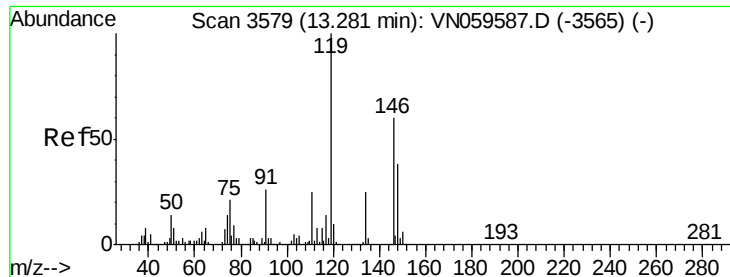
Tot Ion:105 Resp: 644267
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.5



#86
 p-Isopropyltoluene
 Concen: 48.672 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion:119 Resp: 584059
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.9 38.7
 91 25.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 45.749 ug/l

RT: 13.28 min Scan# 3579

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

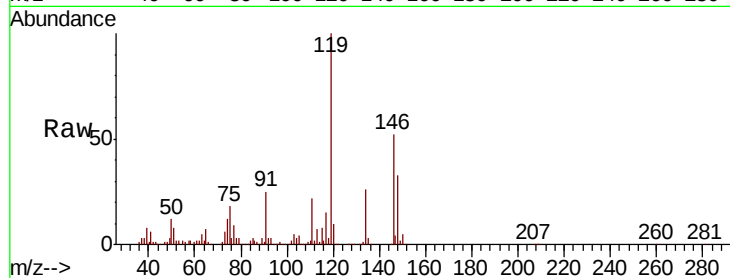
Tot Ion:146 Resp: 287531

Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.2

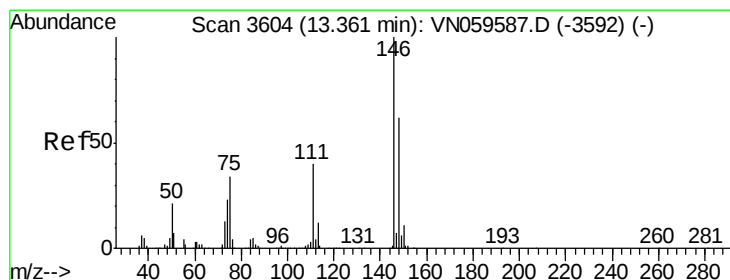
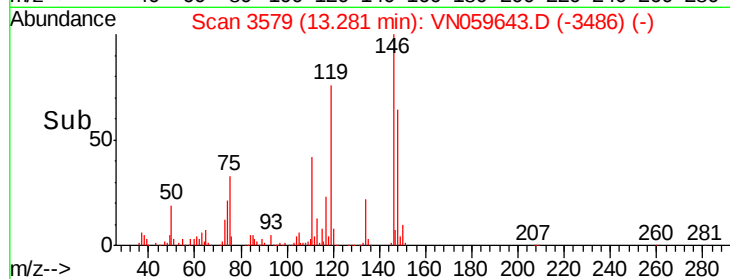
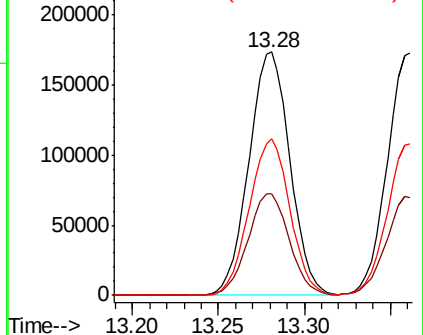
148 63.7 32.0 96.0



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: 44.972 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

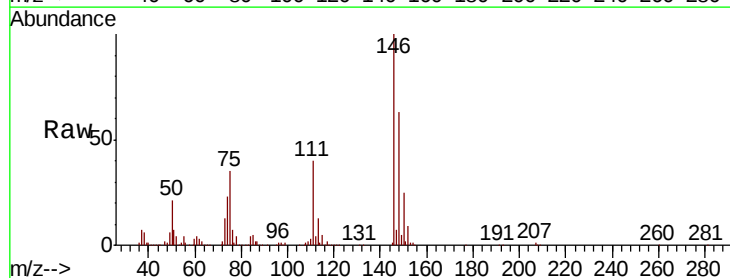
Tgt Ion:146 Resp: 284975

Ion Ratio Lower Upper

146 100

111 41.2 20.8 62.2

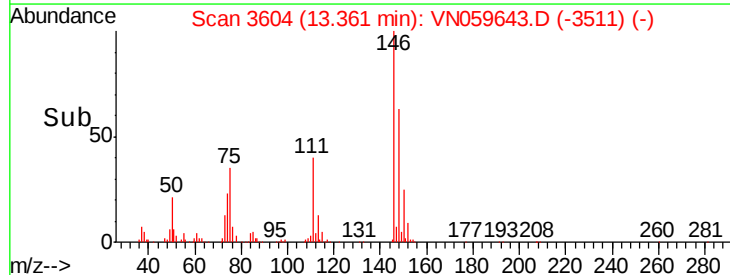
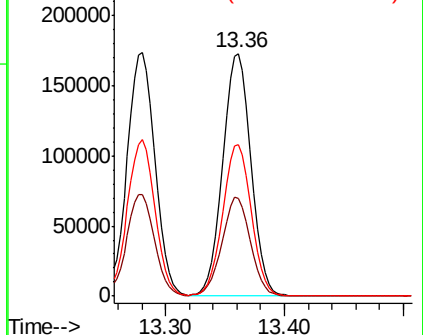
148 63.3 31.8 95.4

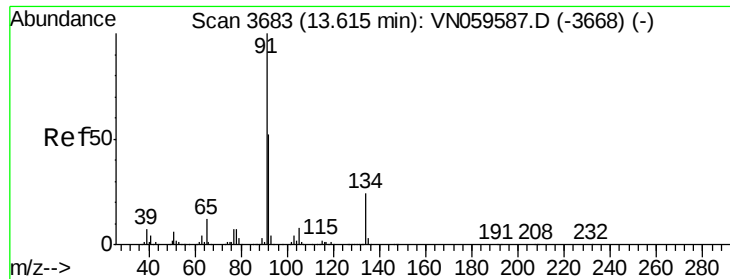


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

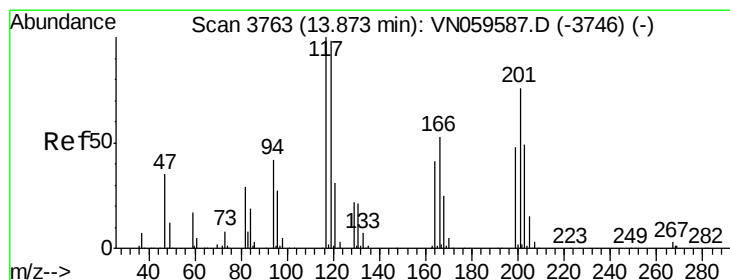
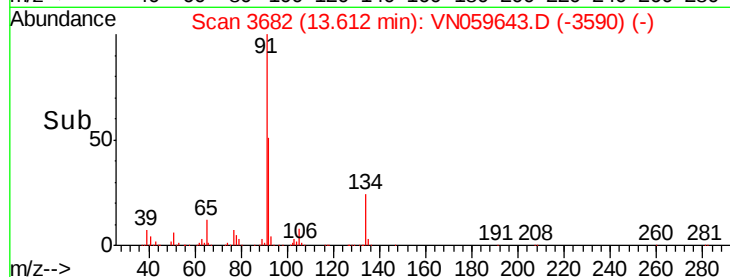
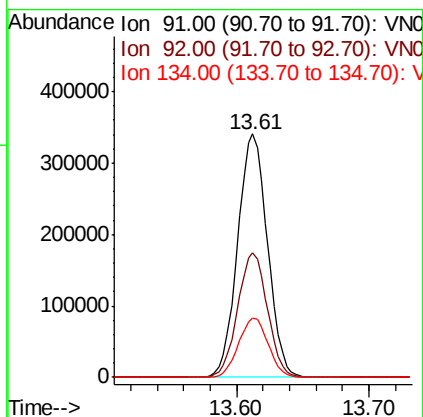
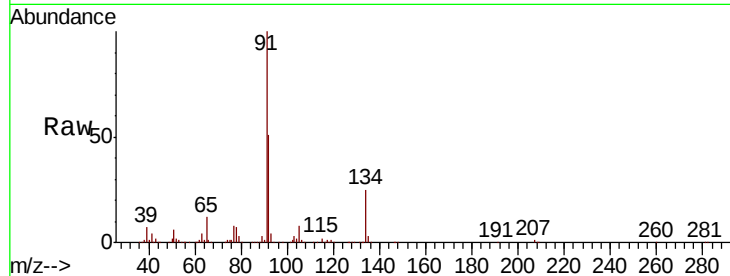




#89
n-Butylbenzene
Concen: 47.231 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

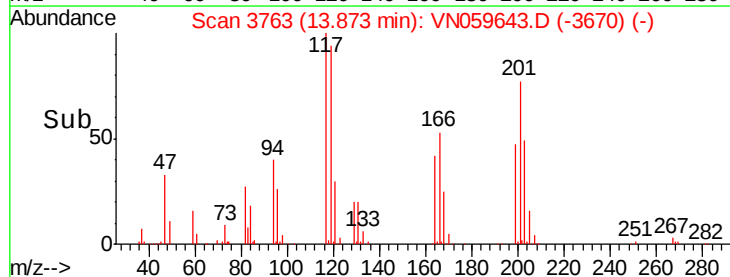
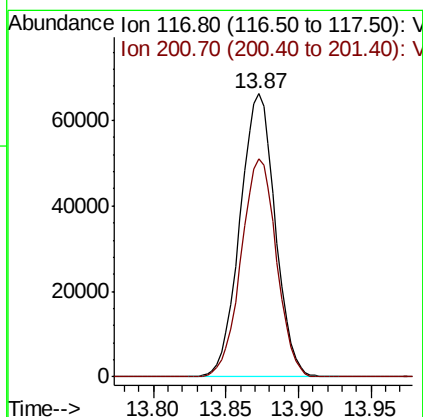
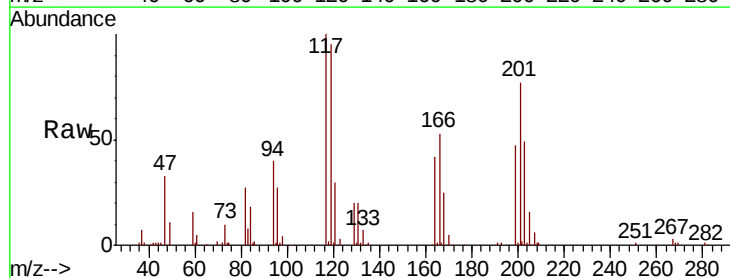
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 531368
Ion Ratio Lower Upper
91 100
92 51.1 25.9 77.7
134 24.4 12.3 36.8



#90
Hexachloroethane
Concen: 49.323 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059643.D
Acq: 17 Dec 2019 22:06

Tgt Ion: 117 Resp: 111877
Ion Ratio Lower Upper
117 100
201 77.2 37.8 113.4





#91

1,2-Dichlorobenzene

Concen: 45.924 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

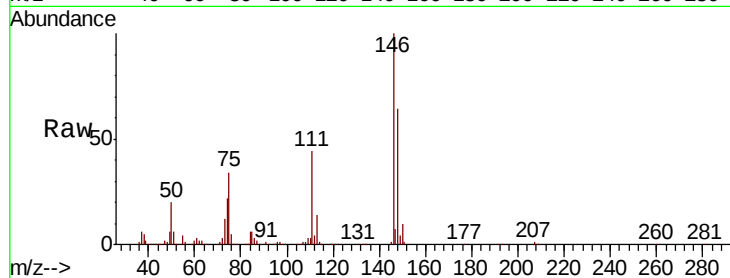
Tot Ion:146 Resp: 284653

Ion Ratio Lower Upper

146 100

111 43.4 21.6 64.8

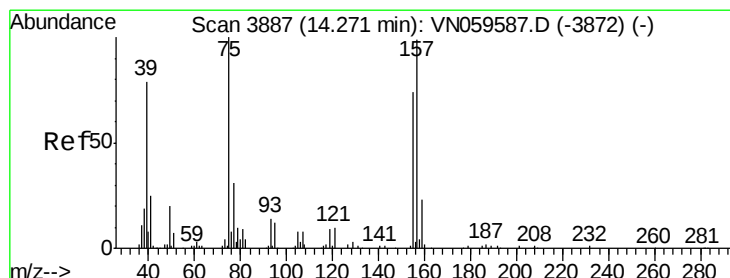
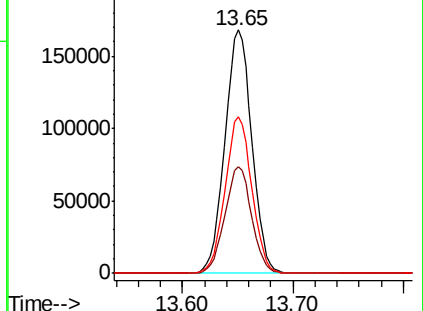
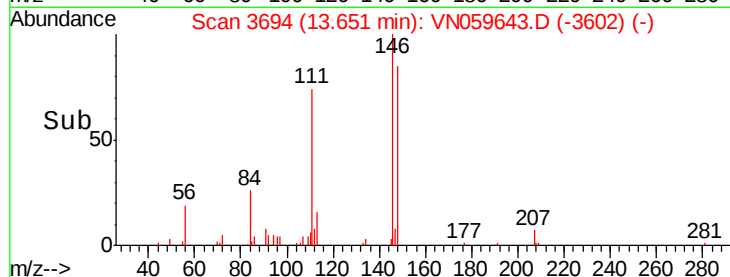
148 63.7 31.6 95.0



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: 43.056 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

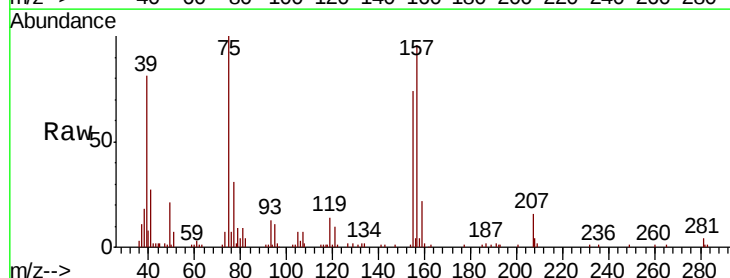
Tgt Ion: 75 Resp: 51536

Ion Ratio Lower Upper

75 100

155 74.4 37.0 110.9

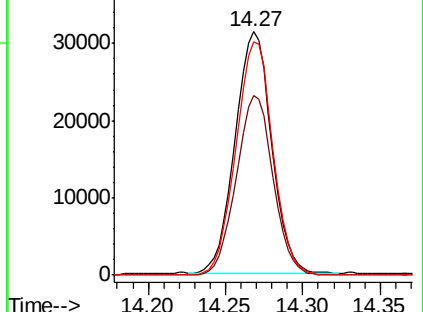
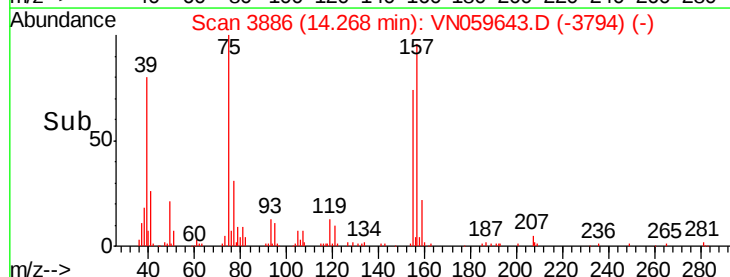
157 97.1 48.4 145.2

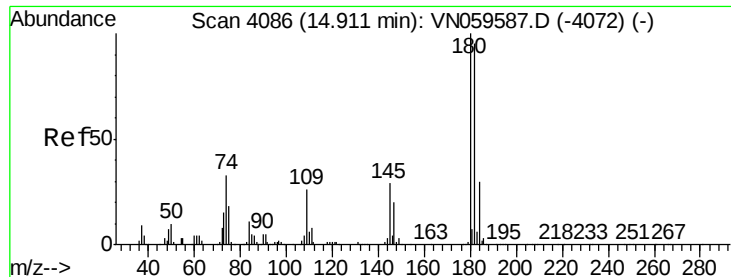


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

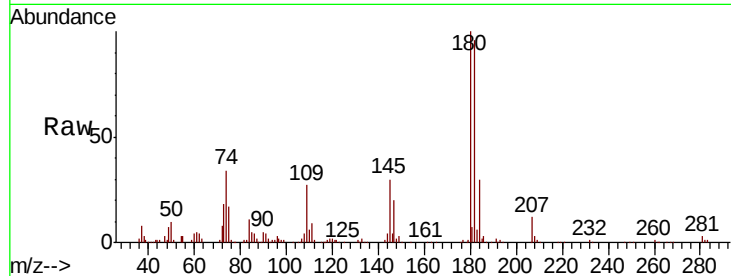




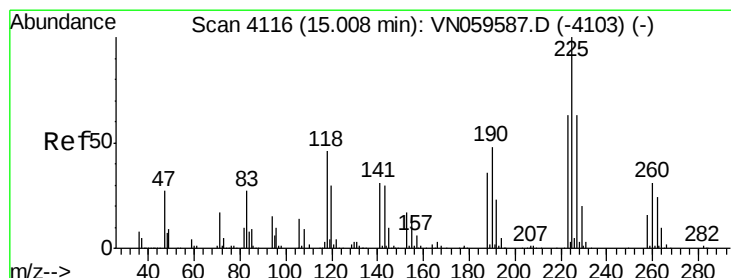
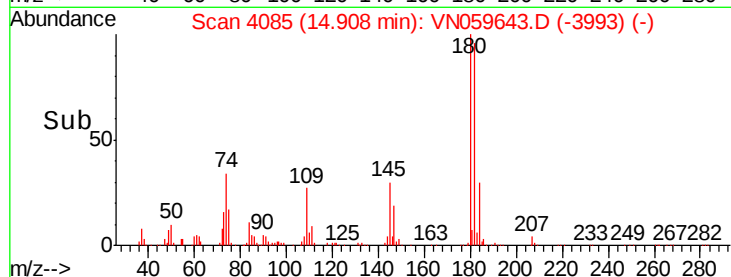
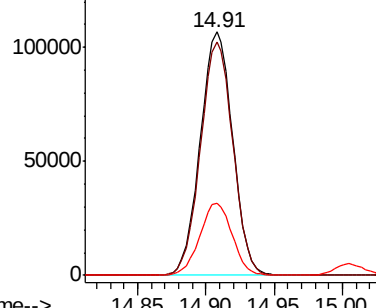
#93
 1,2,4-Trichlorobenzene
 Concen: 44.080 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 176431
 Ion Ratio Lower Upper
 180 100
 182 95.4 46.9 140.7
 145 29.4 15.0 45.1

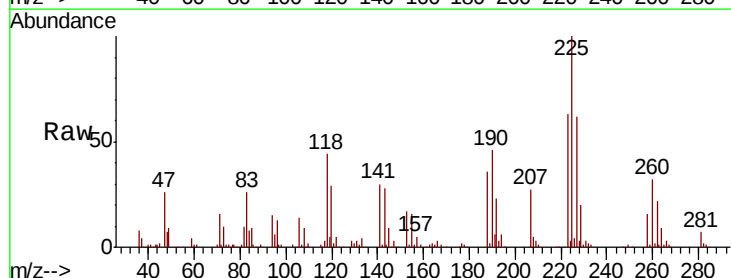


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

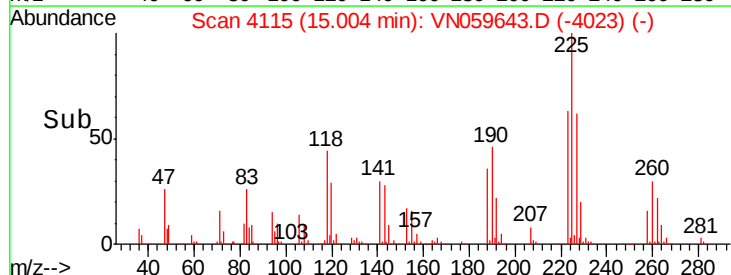
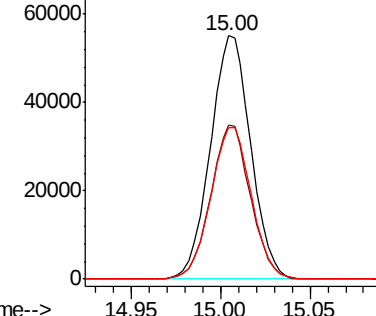


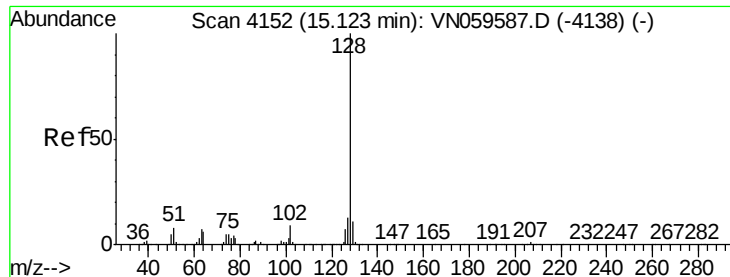
#94
 Hexachlorobutadiene
 Concen: 41.562 ug/l
 RT: 15.00 min Scan# 4115
 Delta R.T. -0.00 min
 Lab File: VN059643.D
 Acq: 17 Dec 2019 22:06

Tgt Ion:225 Resp: 87120
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.8 95.3
 227 62.4 32.1 96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.718 ug/l

RT: 15.12 min Scan# 4152

Delta R.T. 0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

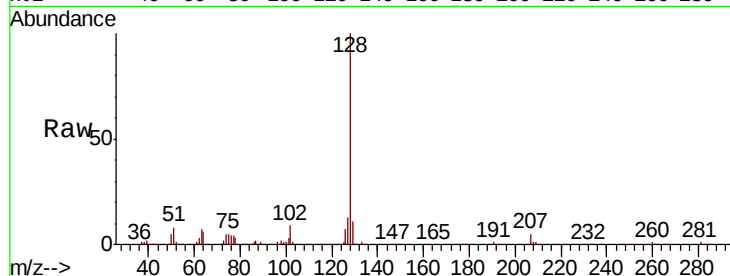
Tot Ion:128 Resp: 522361

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

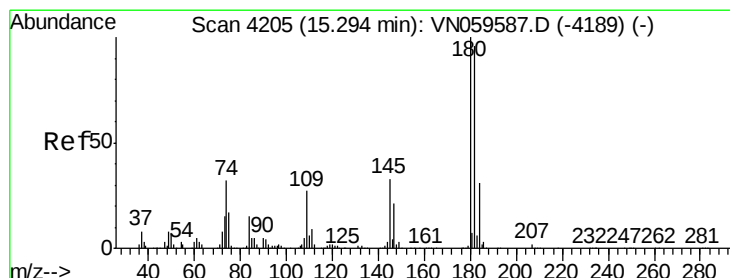
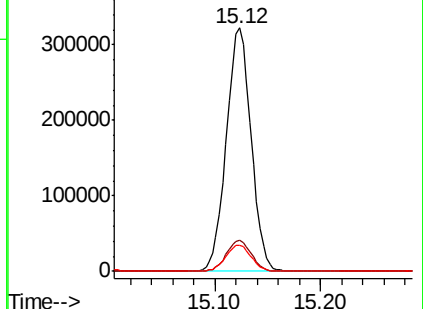
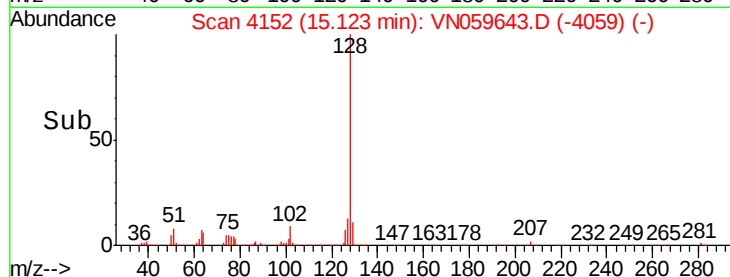
129 11.1 8.6 12.8



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: 43.773 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. -0.00 min

Lab File: VN059643.D

Acq: 17 Dec 2019 22:06

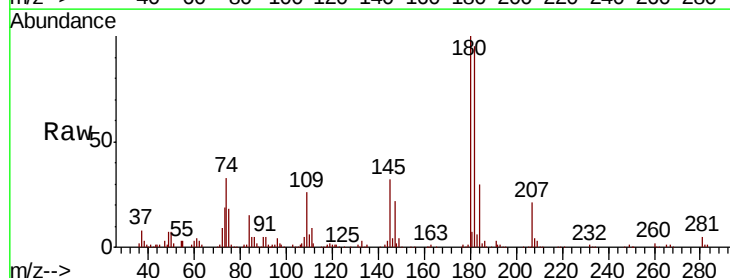
Tgt Ion:180 Resp: 177201

Ion Ratio Lower Upper

180 100

182 94.6 47.4 142.3

145 32.3 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

