

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

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 12/17/2019 12:45:31 PM

Quant Time: Dec 17 05:27:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 2019
 Response via : Initial Calibration

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

System Monitoring Compounds

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

Target Compounds

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.06	83	272021	61.208	ug/l	99
40) Benzene	8.02	78	656854	57.367	ug/l	99
41) Methacrylonitrile	7.15	41	102884m	54.745	ug/l	
42) 1,2-Dichloroethane	8.10	62	254808	58.110	ug/l	99
43) Isopropyl Acetate	8.14	43	412440	58.255	ug/l	99
44) Trichloroethene	8.82	130	172247	57.432	ug/l	99
45) 1,2-Dichloropropane	9.10	63	178728	57.805	ug/l	98
46) Dibromomethane	9.19	93	115798	57.165	ug/l	99
47) Bromodichloromethane	9.39	83	238617	59.083	ug/l	99
48) Methyl methacrylate	9.18	41	186628	58.101	ug/l	99
49) 1,4-Dioxane	9.18	88	59742	1297.836	ug/l	98
51) 4-Methyl-2-Pentanone	9.97	43	1258944	298.242	ug/l	99
52) Toluene	10.14	92	406355	57.760	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	275163	58.911	ug/l	99
54) cis-1,3-Dichloropropene	9.82	75	289942	59.054	ug/l	99
55) 1,1,2-Trichloroethane	10.55	97	159398	57.739	ug/l	99
56) Ethyl methacrylate	10.42	69	252900	61.708	ug/l	98
57) 1,3-Dichloropropane	10.70	76	282970	58.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.68	63	375161	287.826	ug/l	99
59) 2-Hexanone	10.74	43	986971	296.666	ug/l	99
60) Dibromochloromethane	10.89	129	180809	60.009	ug/l	100
61) 1,2-Dibromoethane	11.00	107	168367	57.506	ug/l	99
64) Tetrachloroethene	10.62	164	165204	51.473	ug/l	98
65) Chlorobenzene	11.43	112	424639	57.001	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	162294	57.355	ug/l	98
67) Ethyl Benzene	11.51	91	789785	58.733	ug/l	99
68) m/p-Xylenes	11.62	106	583796	117.569	ug/l	99
69) o-Xylene	11.94	106	278064	58.853	ug/l	100
70) Styrene	11.96	104	454426	59.862	ug/l	99
71) Bromoform	12.12	173	129128	60.708	ug/l #	99
73) Isopropylbenzene	12.25	105	758868	58.592	ug/l	99
74) N-amyl acetate	12.07	43	352871	59.396	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	232427	56.573	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	227727m	55.755	ug/l	
77) Bromobenzene	12.52	156	176321	55.358	ug/l	99
78) n-propylbenzene	12.59	91	909160	59.383	ug/l	99
79) 2-Chlorotoluene	12.67	91	529724	57.220	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	642534	58.623	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.30	75	94089	56.897	ug/l	99
82) 4-Chlorotoluene	12.77	91	552906	58.331	ug/l	99
83) tert-Butylbenzene	12.99	119	535073	57.647	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	647411	59.404	ug/l	100
85) sec-Butylbenzene	13.17	105	731923	59.280	ug/l	100
86) p-Isopropyltoluene	13.29	119	672692	60.155	ug/l	100
87) 1,3-Dichlorobenzene	13.28	146	324534	55.410	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	323006	54.699	ug/l	99
89) n-Butylbenzene	13.61	91	617572	58.905	ug/l	100
90) Hexachloroethane	13.87	117	125430	59.340	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	318640	55.165	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	56235	50.486	ug/l	99

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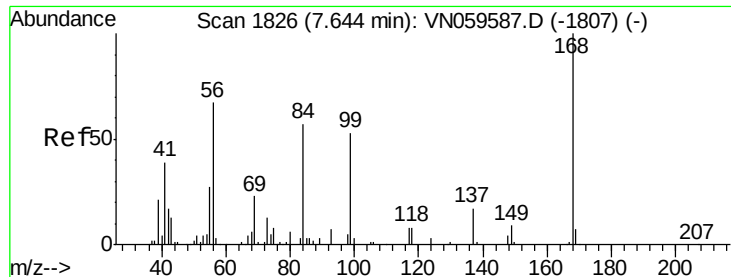
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	206078	55.251	ug/l	99
94) Hexachlorobutadiene	15.01	225	104004	53.622	ug/l	98
95) Naphthalene	15.12	128	613170	55.068	ug/l	100
96) 1,2,3-Trichlorobenzene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

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 235953

Ion Ratio Lower Upper

168 100

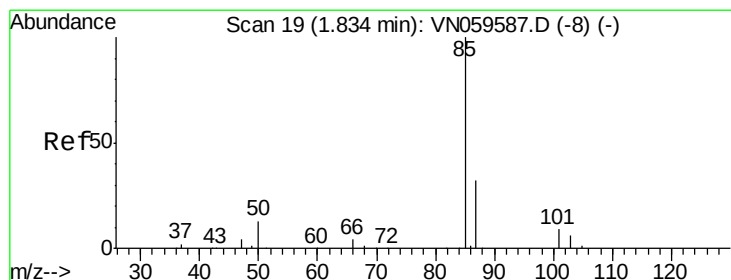
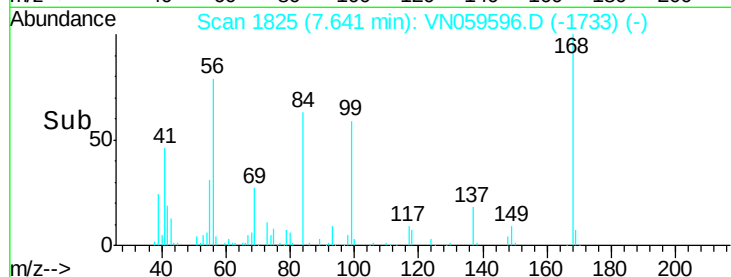
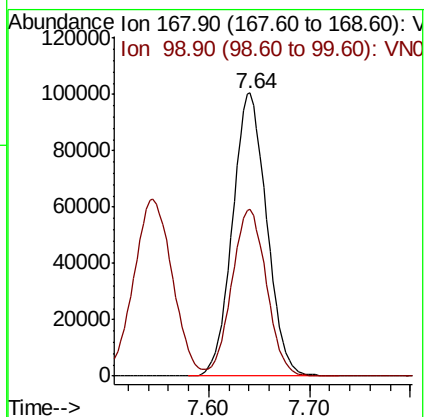
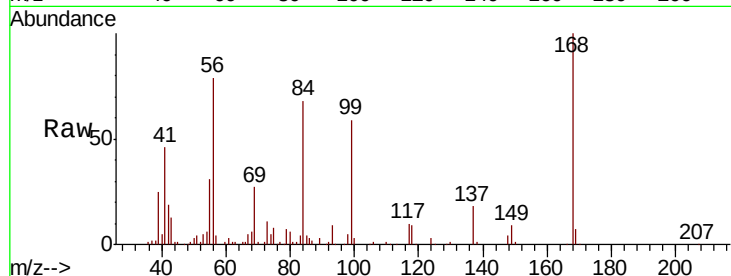
99 58.9 48.2 72.4

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#2

Dichlorodifluoromethane

Concen: 54.974 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN059596.D

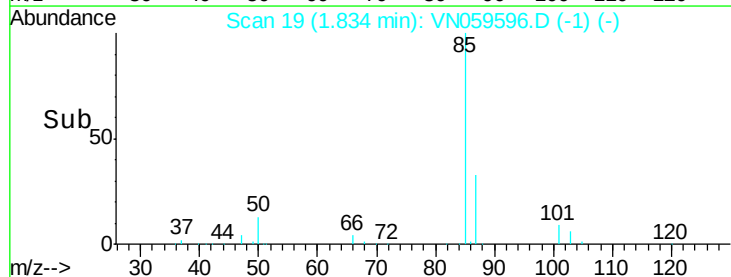
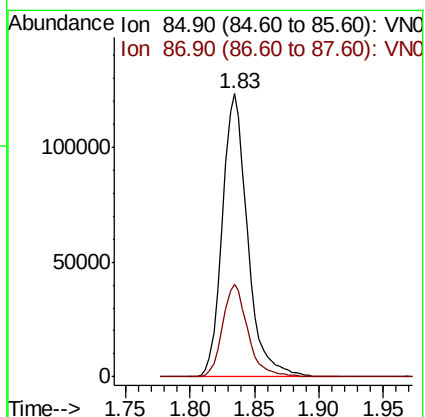
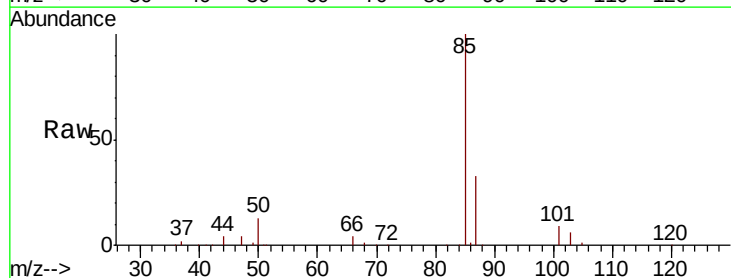
Acq: 16 Dec 2019 12:00

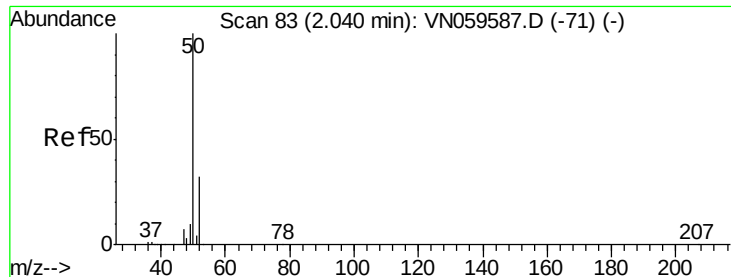
Tgt Ion: 85 Resp: 167614

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.7





#3

Chloromethane

Concen: 52.659 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 254790

Ion Ratio Lower Upper

50 100

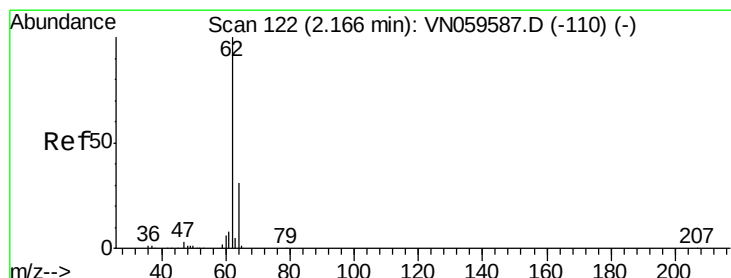
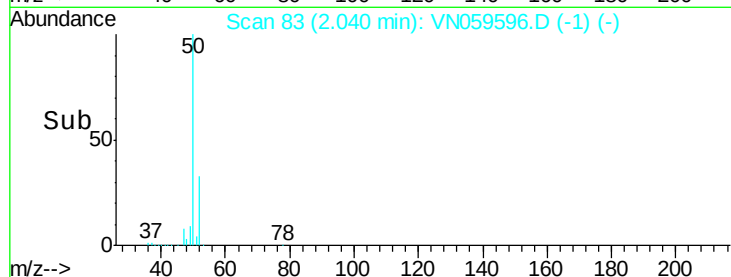
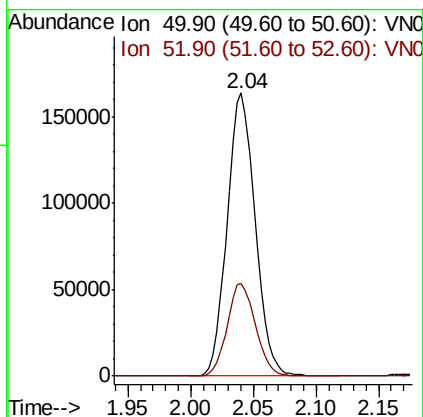
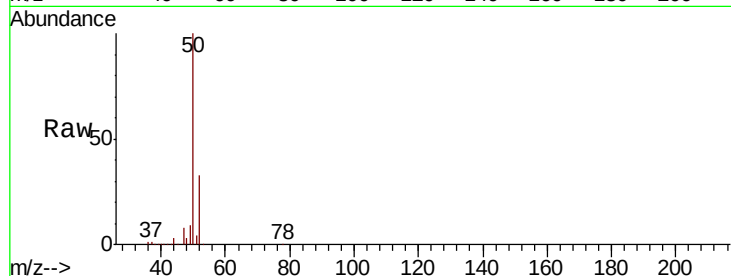
52 32.9 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.220 ug/l

RT: 2.17 min Scan# 123

Delta R.T. 0.00 min

Lab File: VN059596.D

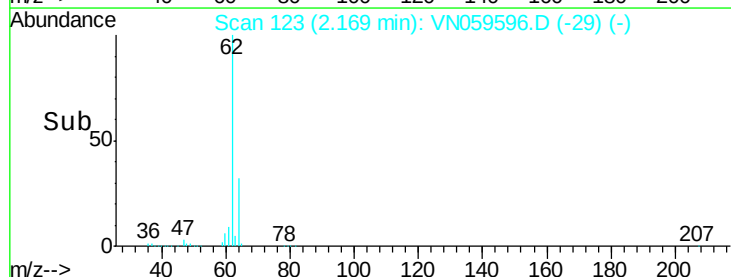
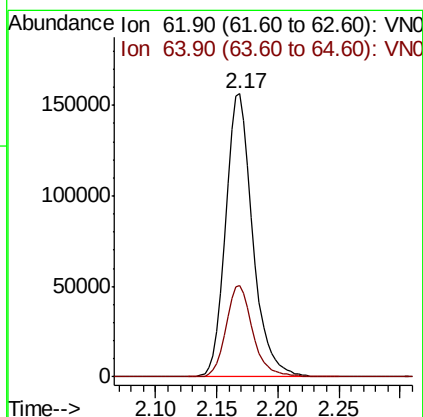
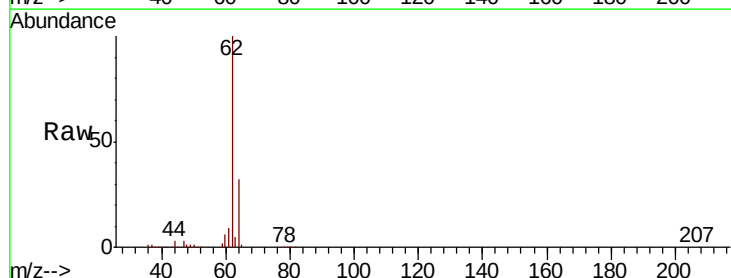
Acq: 16 Dec 2019 12:00

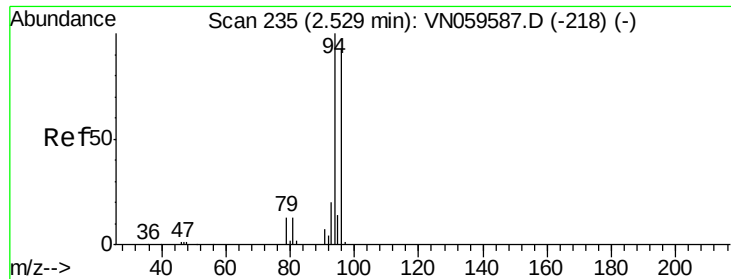
Tgt Ion: 62 Resp: 244188

Ion Ratio Lower Upper

62 100

64 32.3 24.6 37.0





#5

Bromomethane

Concen: 50.502 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.02 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 134707

Ion Ratio Lower Upper

94 100

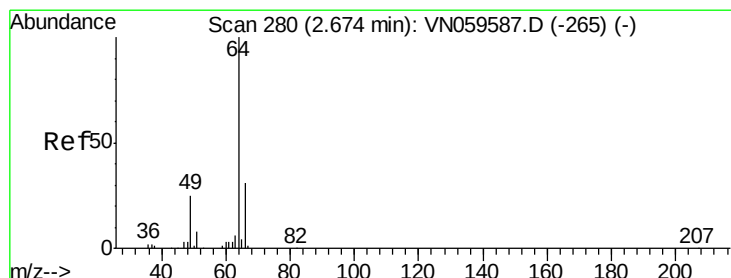
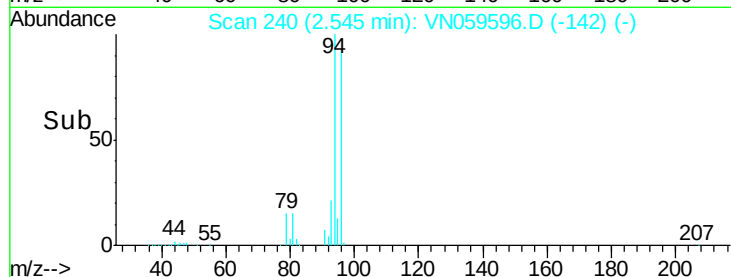
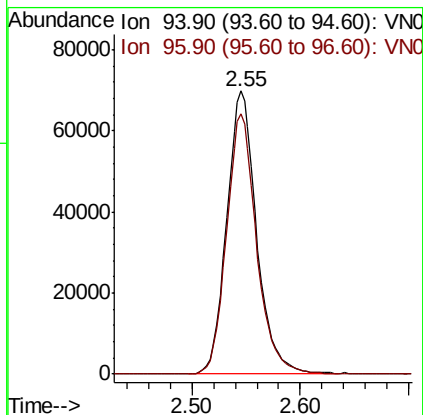
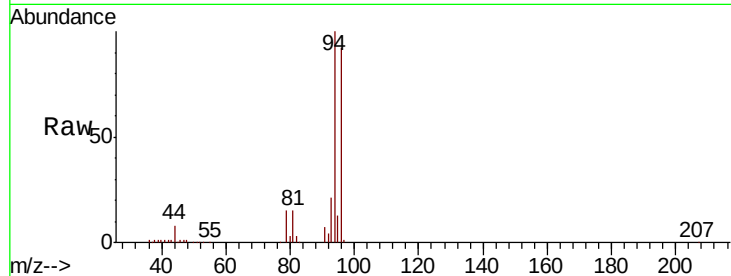
96 91.9 74.7 112.1

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#6

Chloroethane

Concen: 55.675 ug/l

RT: 2.68 min Scan# 282

Delta R.T. 0.01 min

Lab File: VN059596.D

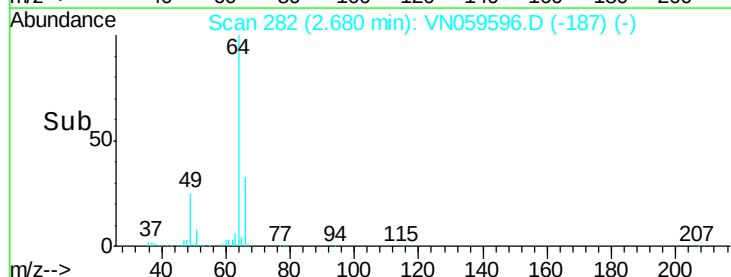
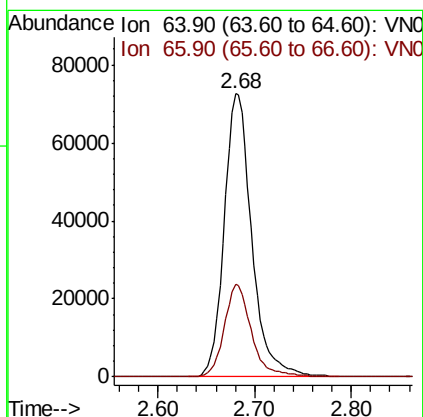
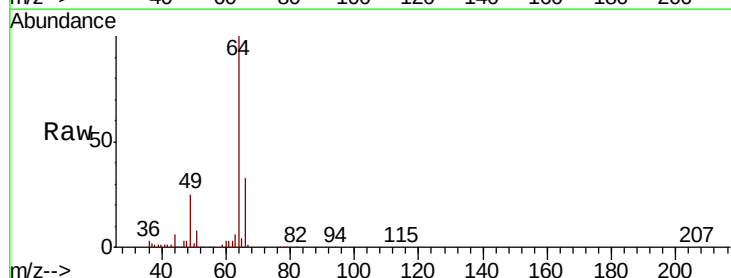
Acq: 16 Dec 2019 12:00

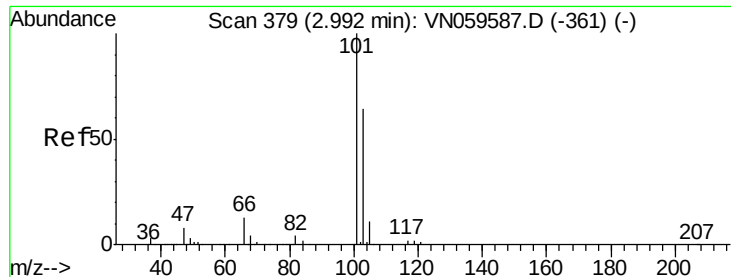
Tgt Ion: 64 Resp: 143570

Ion Ratio Lower Upper

64 100

66 32.6 25.1 37.7





#7

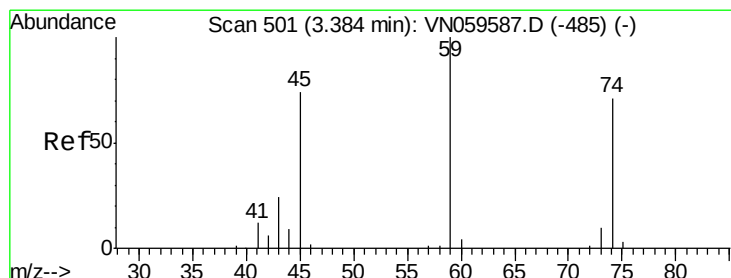
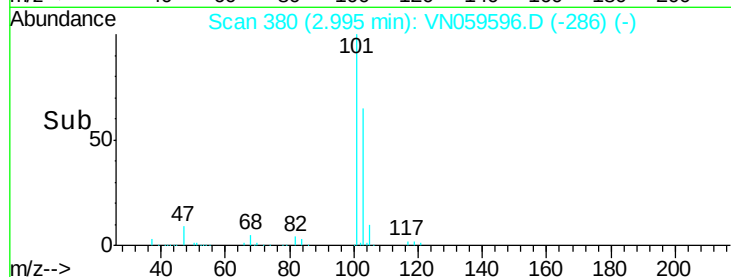
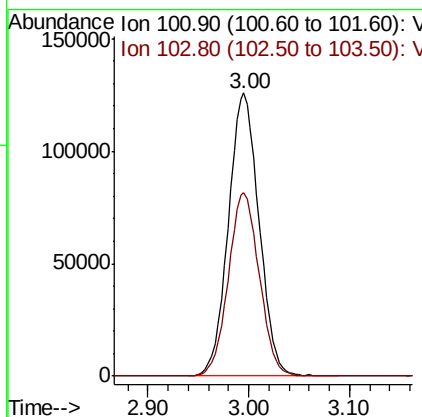
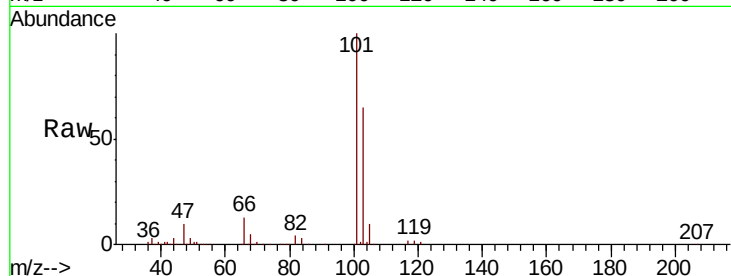
Trichlorofluoromethane
Concen: 52.827 ug/l
RT: 3.00 min Scan# 380
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.0	76.6

Manual Integrations
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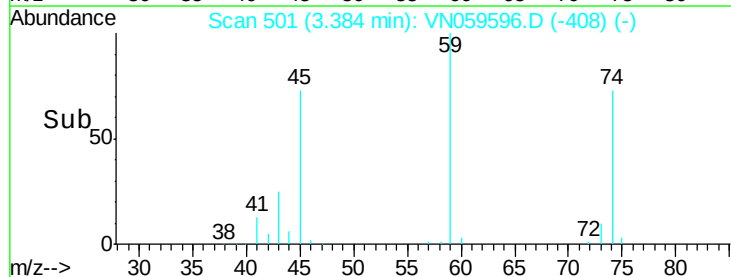
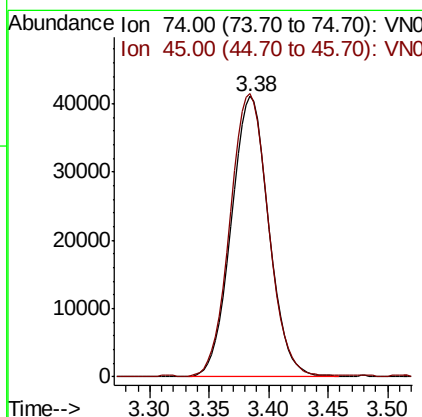
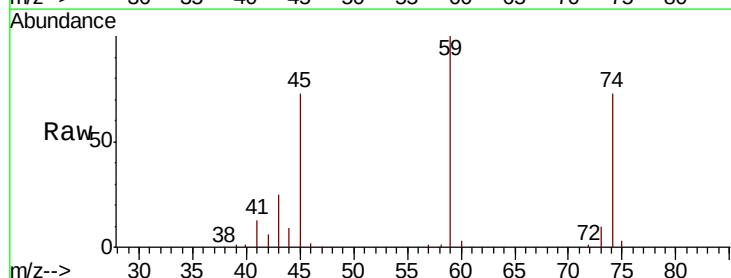
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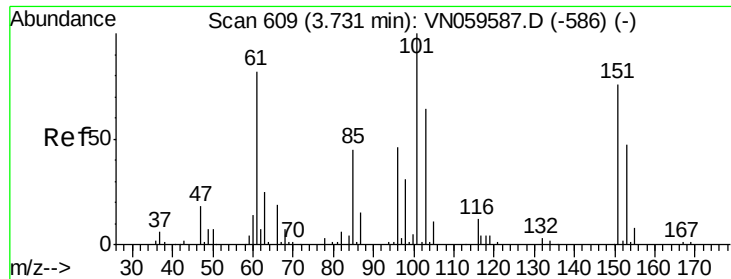


#8

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

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.9	51.9	155.8





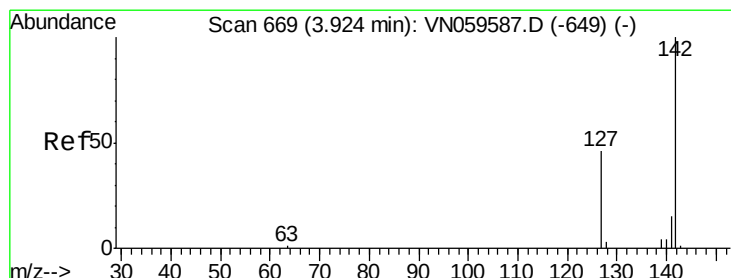
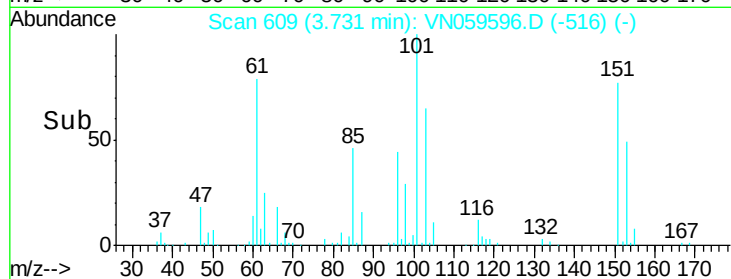
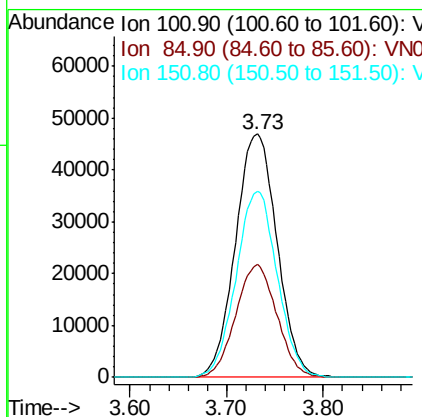
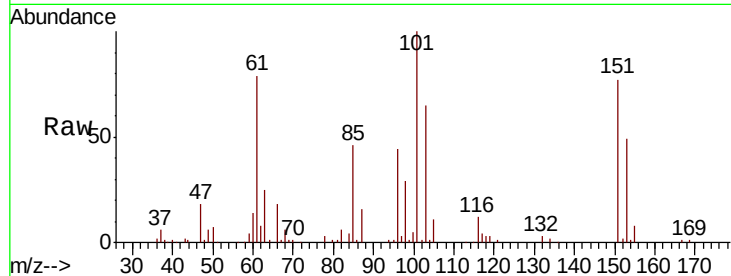
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 55.363 ug/l
 RT: 3.73 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN059596.D
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 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
85	45.6	36.6	54.8
151	75.5	59.7	89.5

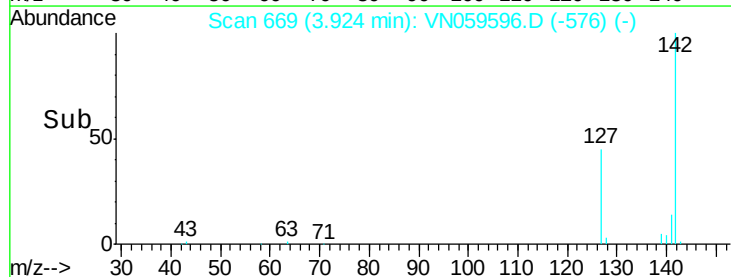
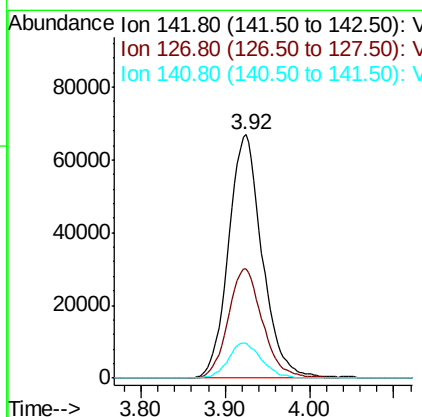
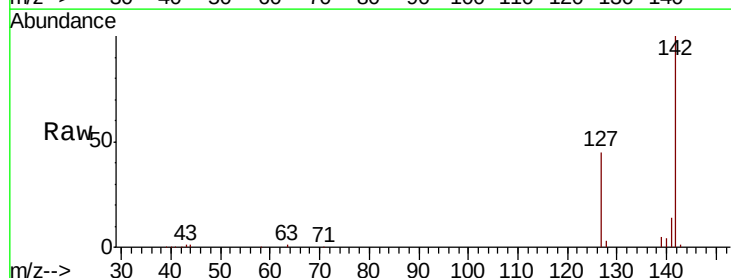
Manual Integrations
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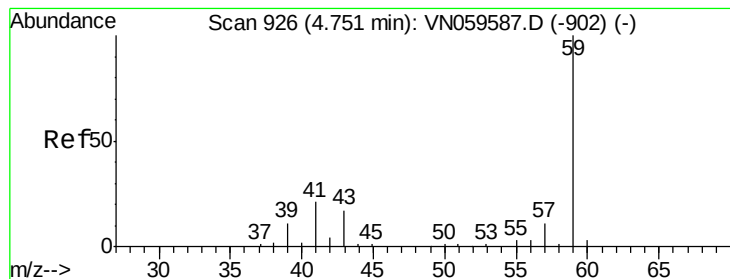
apatel
 12/17/2019 12:45:31 PM



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

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





#11

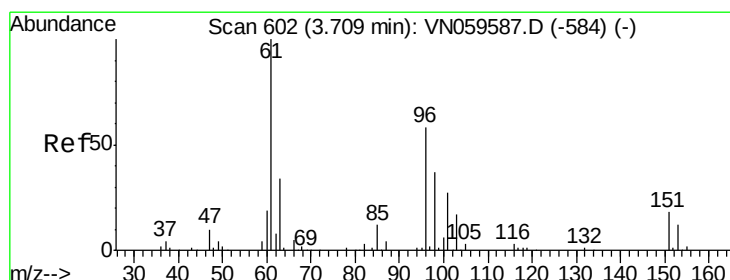
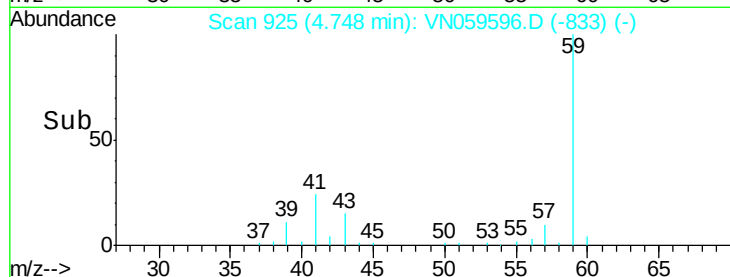
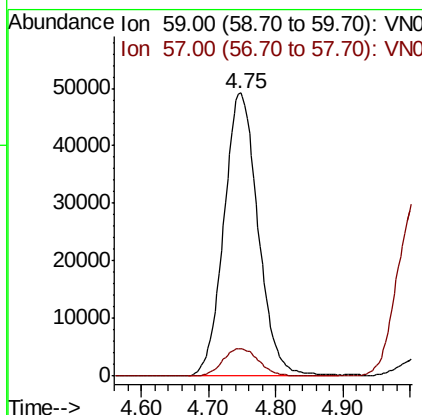
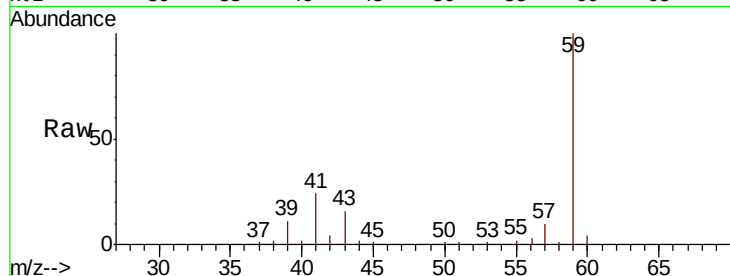
Tert butyl alcohol
 Concen: 276.239 ug/l
 RT: 4.75 min Scan# 925
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

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

Manual Integrations
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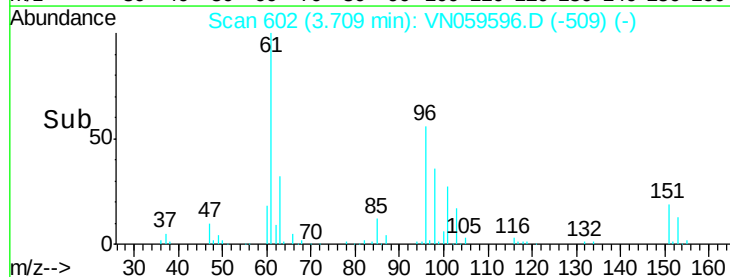
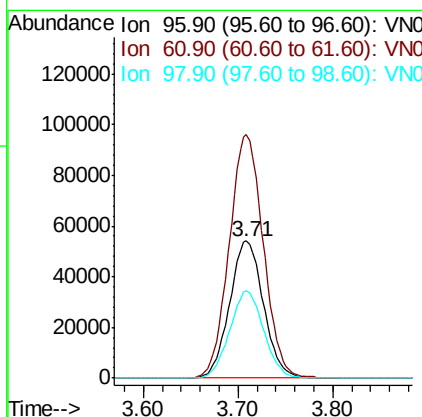
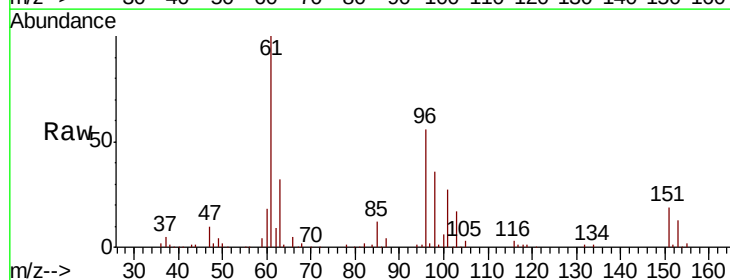
apatel
 12/17/2019 12:45:31 PM

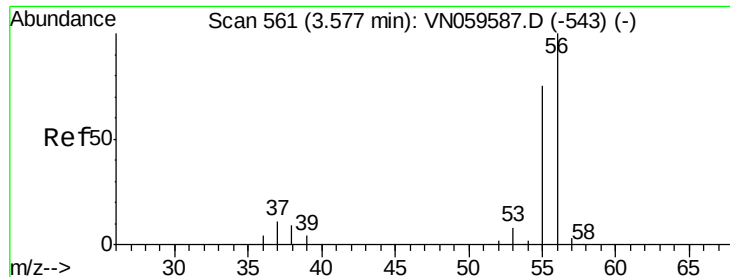


#12

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

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





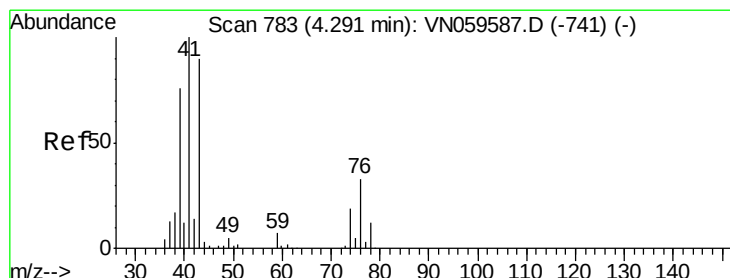
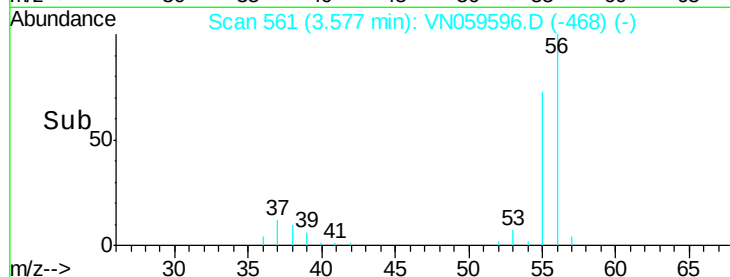
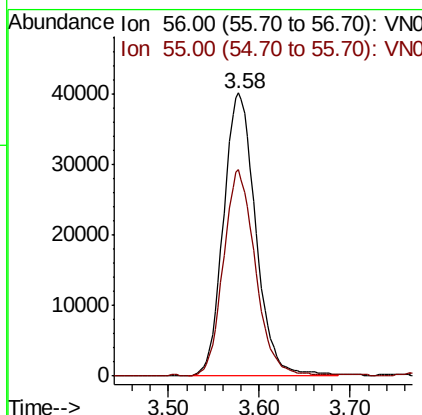
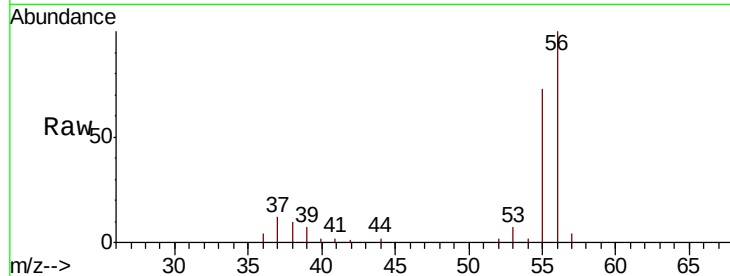
#13
Acrolein
Concen: 221.415 ug/l
RT: 3.58 min Scan# 561
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		99280		
55	72.1	58.6		88.0	

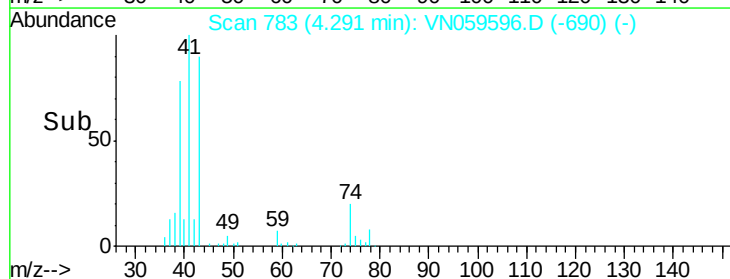
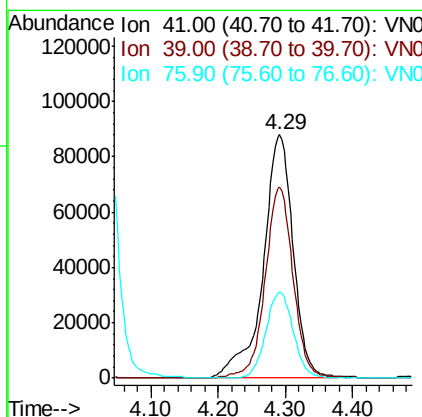
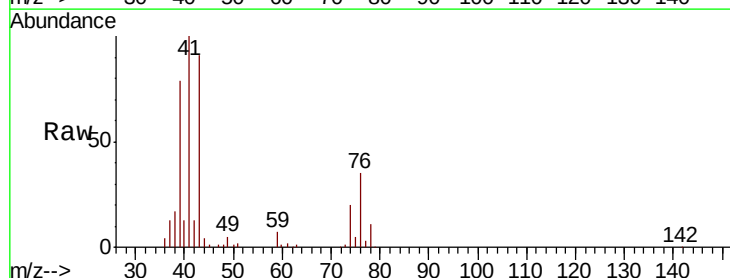
Manual Integrations
APPROVED

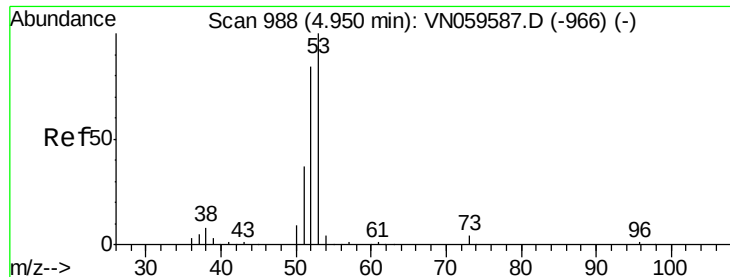
apatel
12/17/2019 12:45:31 PM



#14
Allyl chloride
Concen: 53.663 ug/l
RT: 4.29 min Scan# 783
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
41	100		272637		
39	73.1	57.8		86.8	
76	32.3	25.4		38.0	





#15

Acrylonitrile

Concen: 283.941 ug/l

RT: 4.95 min Scan# 987

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

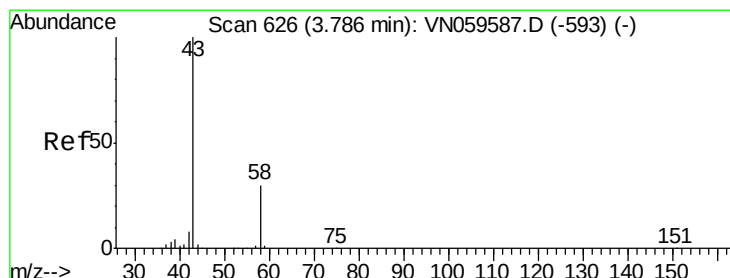
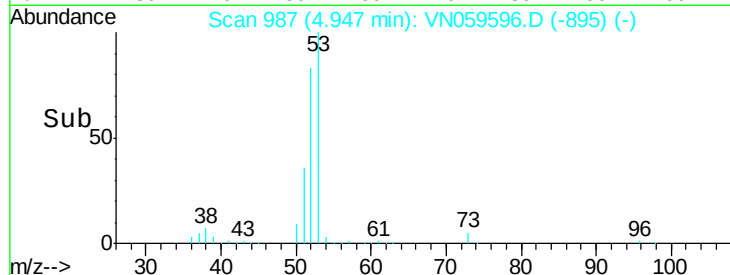
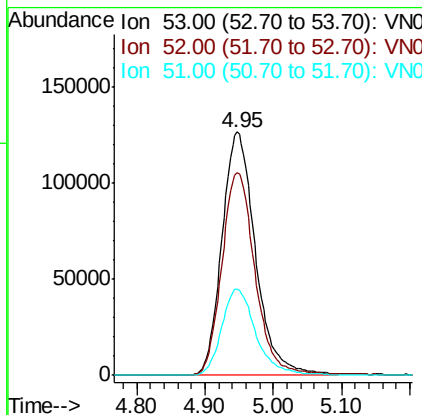
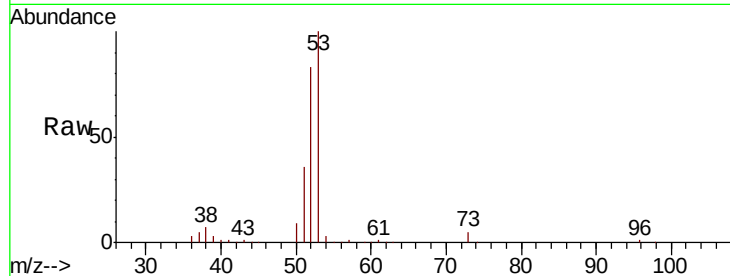
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	432327
Ion	Ratio	Lower	Upper
53	100		
52	81.9	66.3	99.5
51	36.4	29.7	44.5

Manual Integrations
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#16

Acetone

Concen: 247.174 ug/l

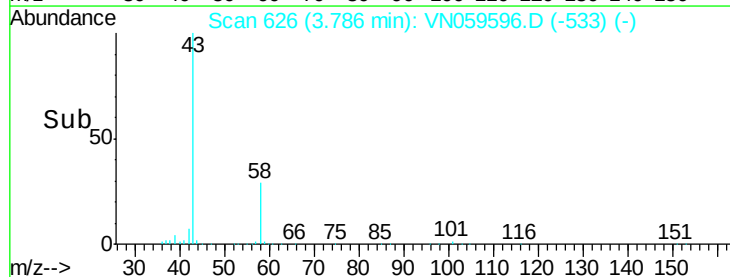
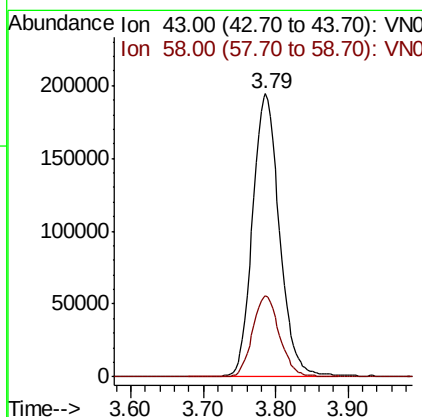
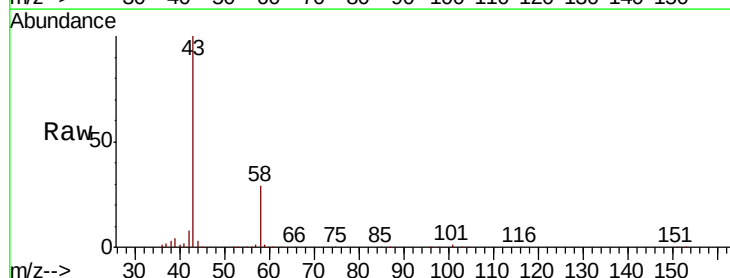
RT: 3.79 min Scan# 626

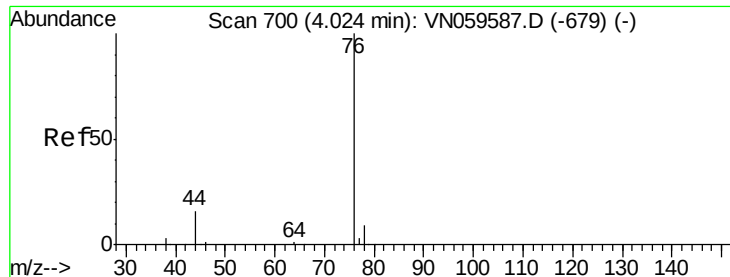
Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion:	43	Resp:	503858
Ion	Ratio	Lower	Upper
43	100		
58	28.9	23.6	35.4





#17

Carbon Disulfide

Concen: 49.741 ug/l

RT: 4.02 min Scan# 700

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tot Ion: 76 Resp: 421257

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

Instrument :

MSVOA_N

ClientSampleId :

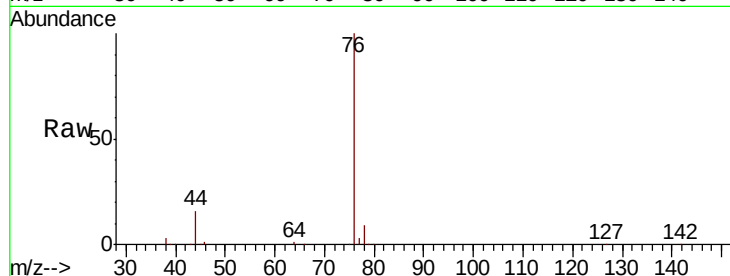
VSTDCCC050

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.02

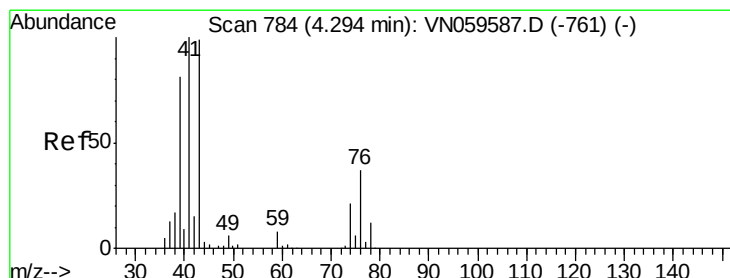
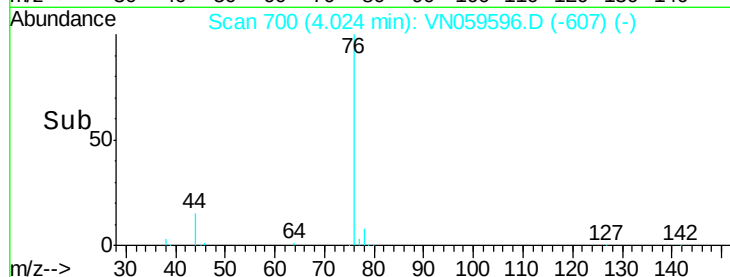
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 52.864 ug/l

RT: 4.29 min Scan# 783

Delta R.T. -0.00 min

Lab File: VN059596.D

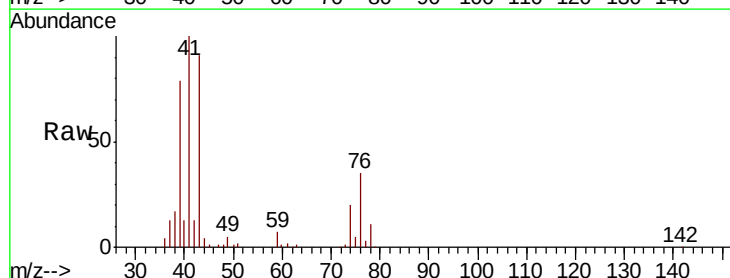
Acq: 16 Dec 2019 12:00

Tgt Ion: 43 Resp: 225806

Ion Ratio Lower Upper

43 100

74 22.4 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.29

80000

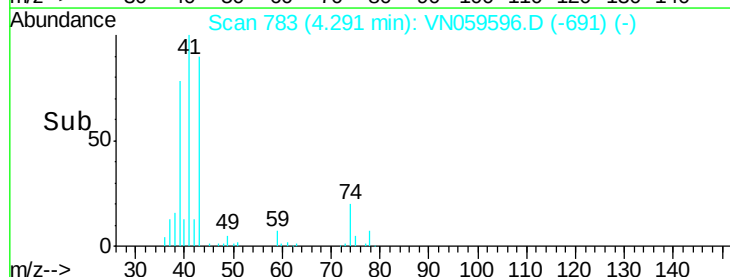
60000

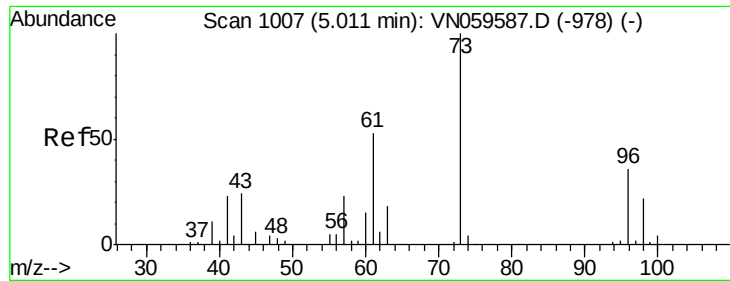
40000

20000

0

Time-->





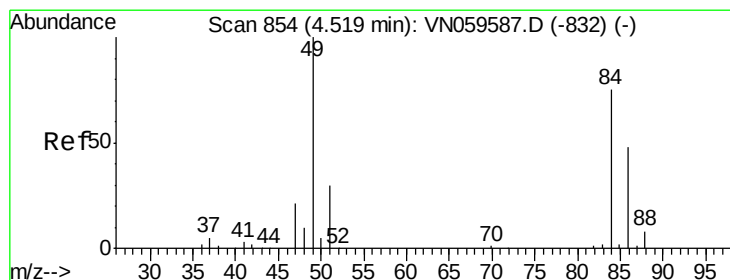
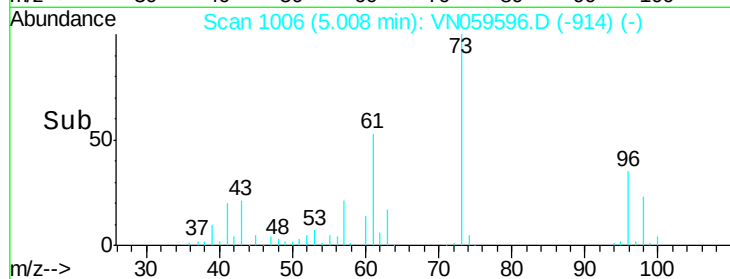
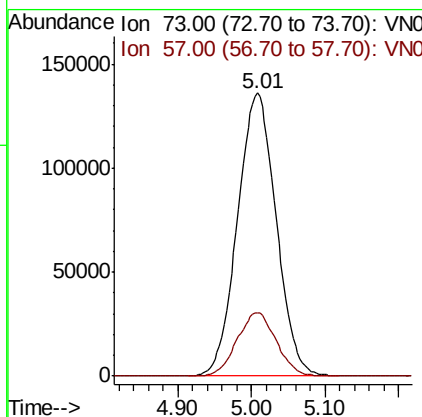
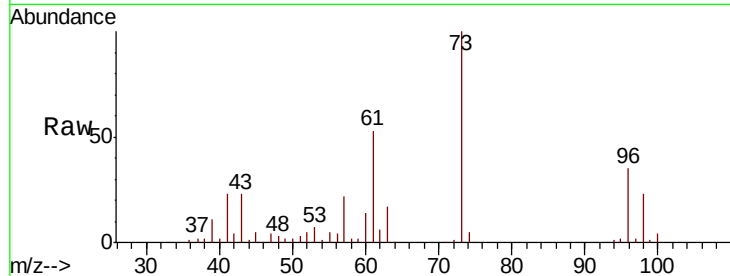
#19
Methyl tert-butyl Ether
Concen: 56.896 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

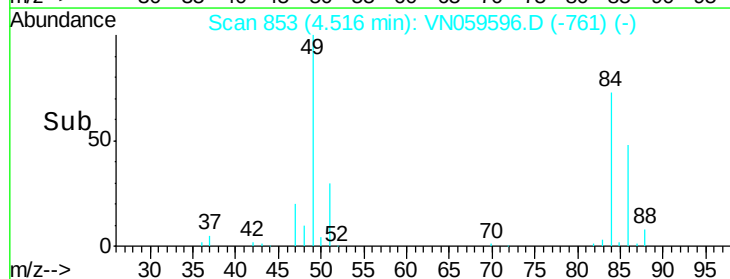
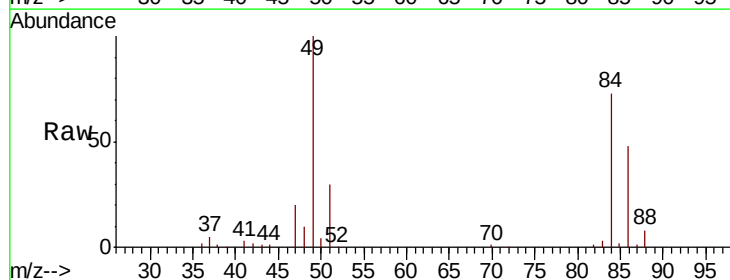
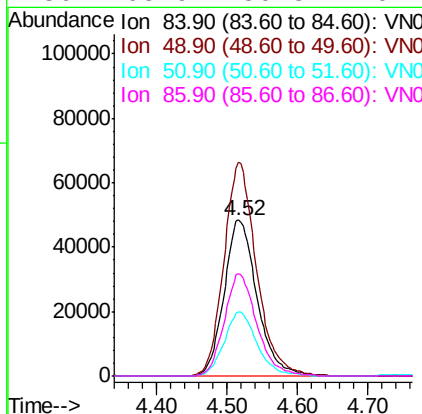
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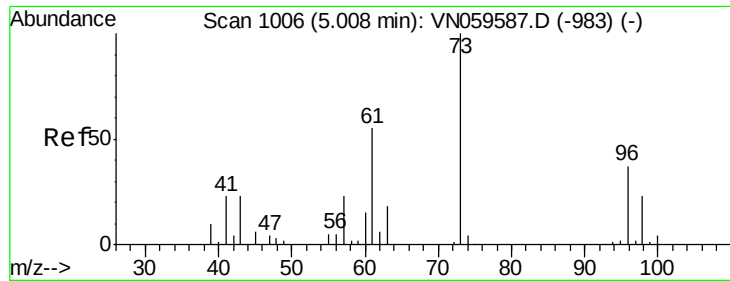
apatel
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#20
Methylene Chloride
Concen: 53.706 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

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





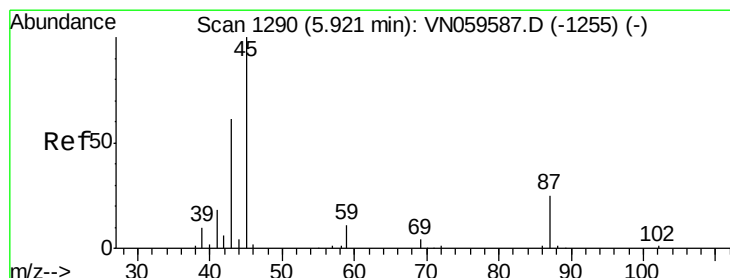
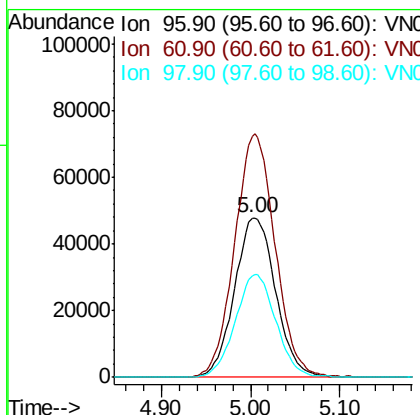
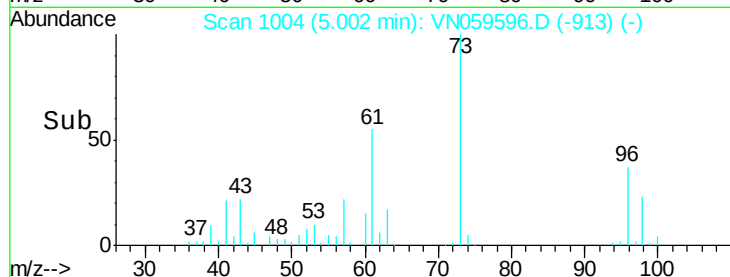
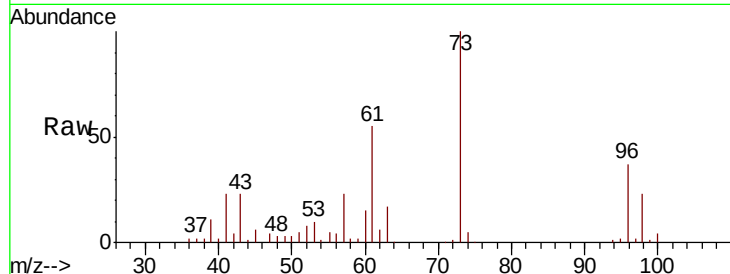
#21
trans-1,2-Dichloroethene
Concen: 55.599 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.01 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	120.4	180.6
98	63.4	50.6	75.8

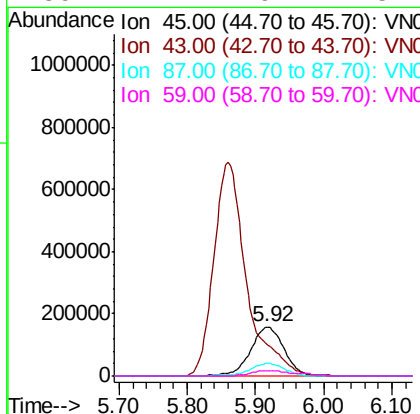
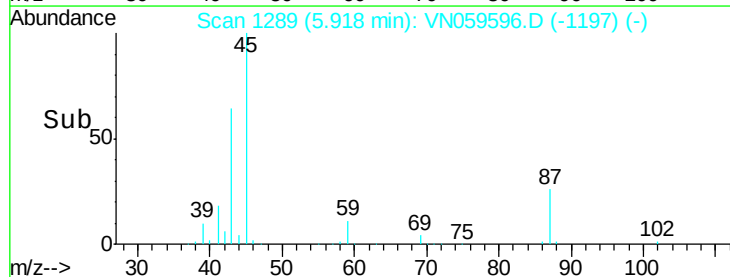
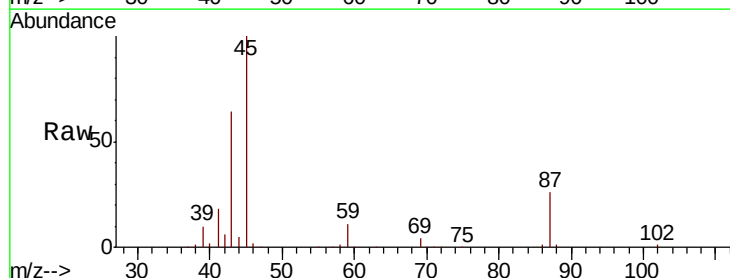
Manual Integrations
APPROVED

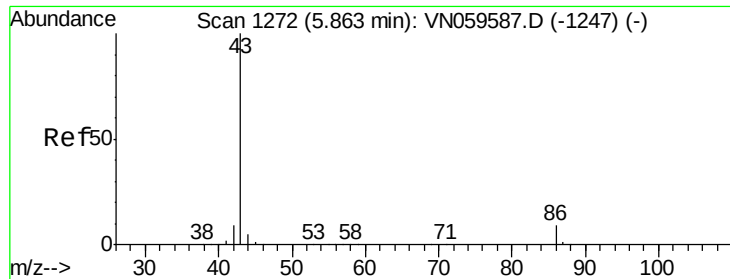
apatel
12/17/2019 12:45:31 PM



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

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





#23

Vinyl Acetate

Concen: 312.820 ug/l

RT: 5.86 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2299346

Ion Ratio Lower Upper

43 100

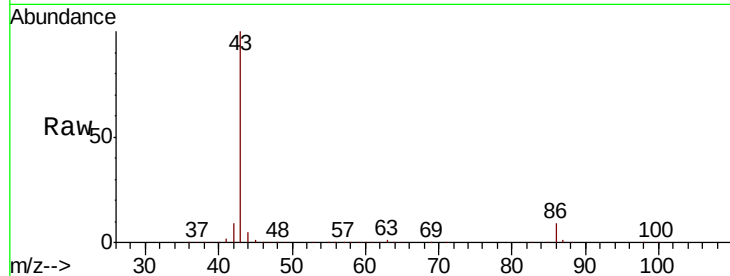
86 9.5 7.6 11.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN059587.D (-1247) (-)

Ion 86.00 (85.70 to 86.70): VN059587.D (-1247) (-)

800000

600000

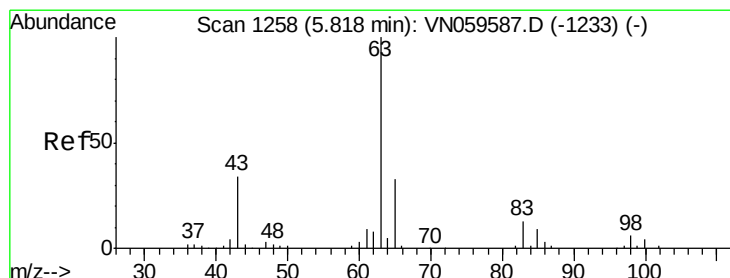
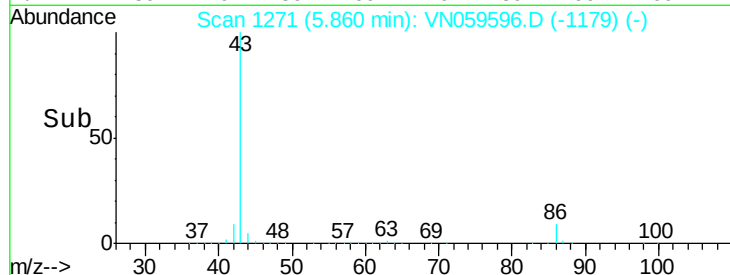
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 56.906 ug/l

RT: 5.82 min Scan# 1257

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

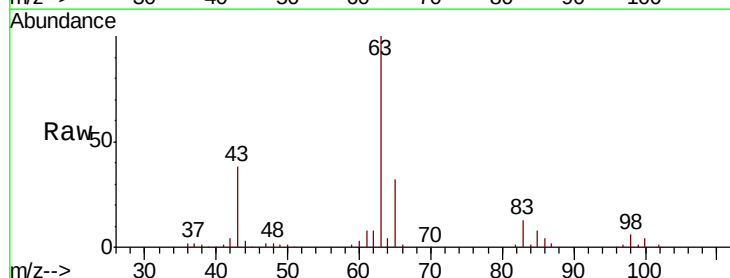
Tgt Ion: 63 Resp: 301924

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 4.0 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN059587.D (-1233) (-)

Ion 97.90 (97.60 to 98.60): VN059587.D (-1233) (-)

Ion 99.90 (99.60 to 100.60): VN059587.D (-1233) (-)

120000

100000

80000

60000

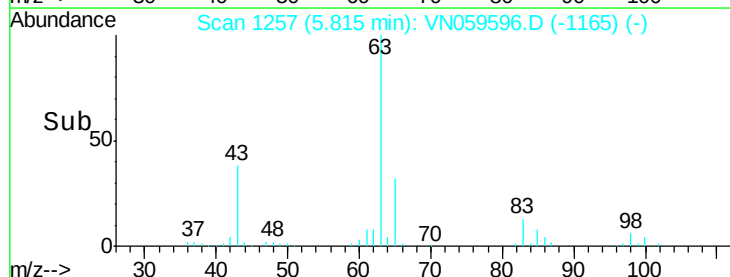
40000

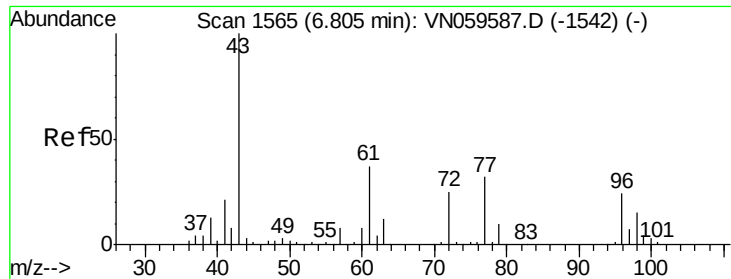
20000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 273.241 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 666060

Ion Ratio Lower Upper

43 100

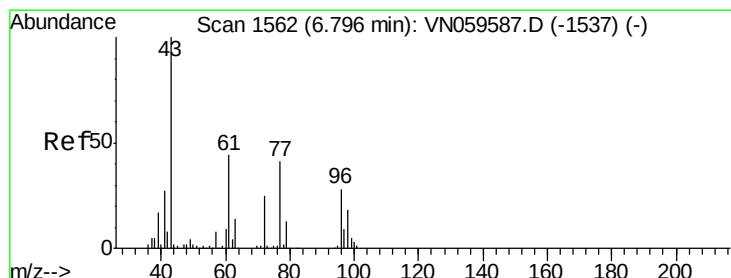
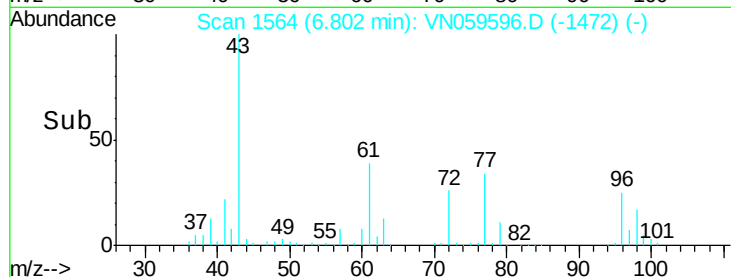
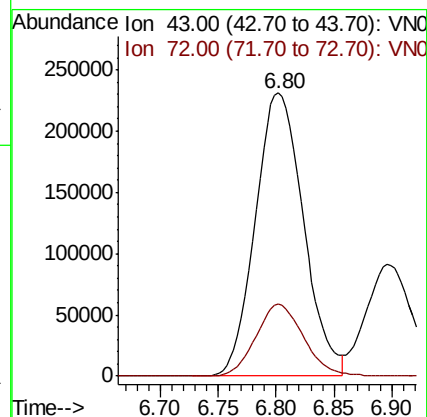
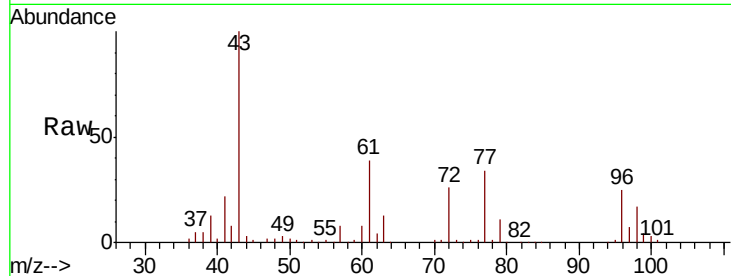
72 25.7 19.9 29.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 57.525 ug/l

RT: 6.79 min Scan# 1561

Delta R.T. -0.00 min

Lab File: VN059596.D

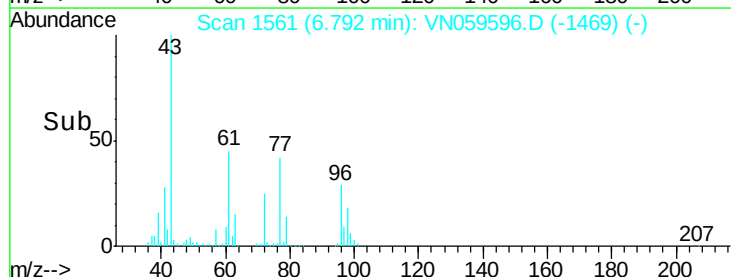
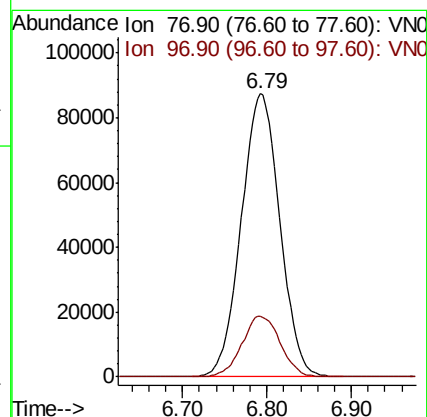
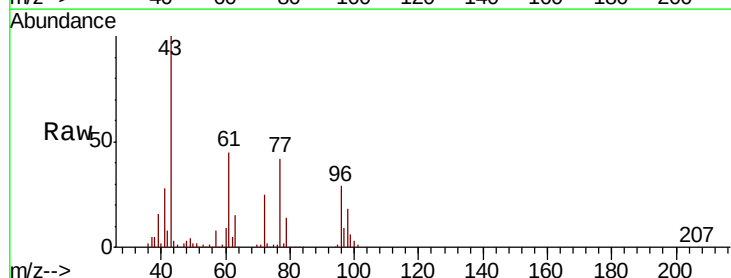
Acq: 16 Dec 2019 12:00

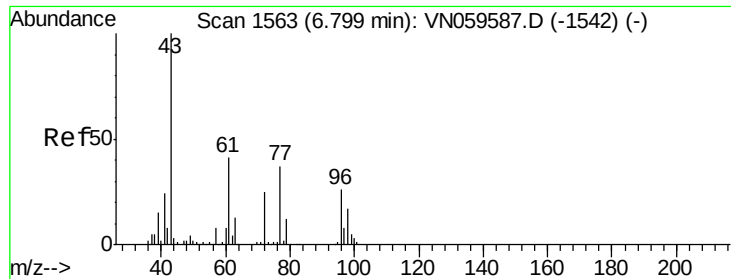
Tgt Ion: 77 Resp: 277392

Ion Ratio Lower Upper

77 100

97 21.3 10.7 31.9





#27

cis-1,2-Dichloroethene

Concen: 57.447 ug/l

RT: 6.80 min Scan# 1562

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

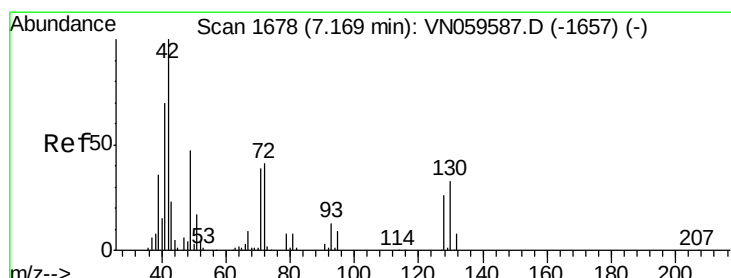
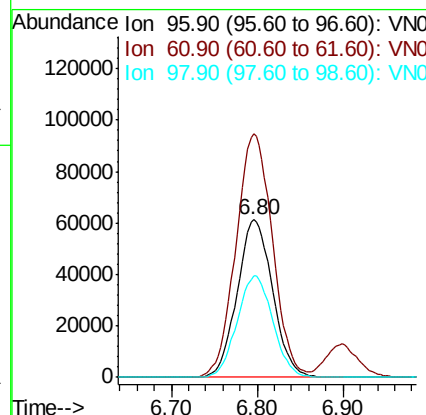
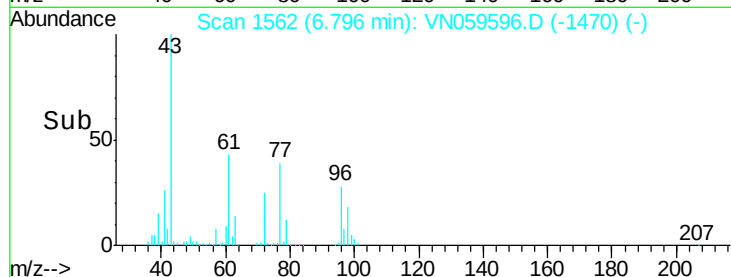
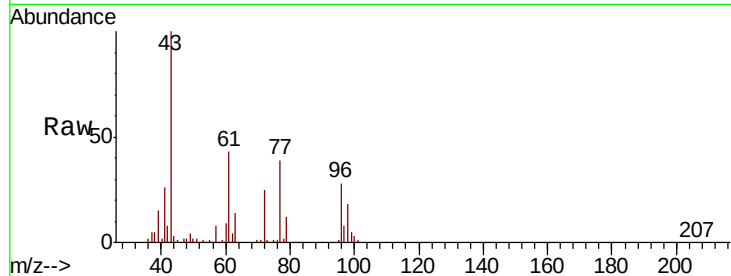
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	175624
Ion	Ratio	Lower	Upper
96	100		
61	158.9	0.0	317.6
98	65.0	0.0	127.0

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#28

Bromochloromethane

Concen: 56.534 ug/l

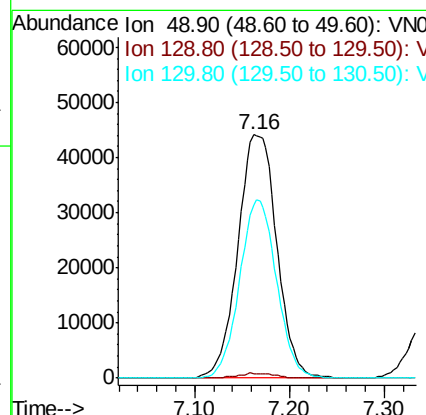
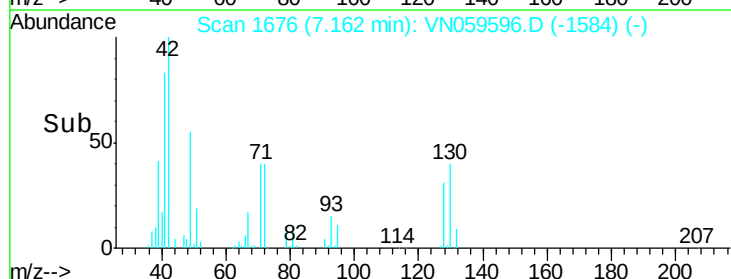
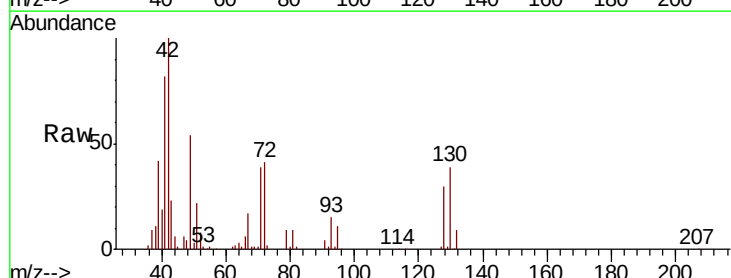
RT: 7.16 min Scan# 1676

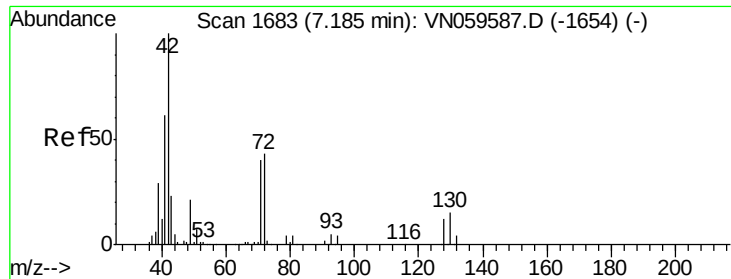
Delta R.T. -0.01 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion:	49	Resp:	126179
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	3.4
130	69.5	54.7	82.1





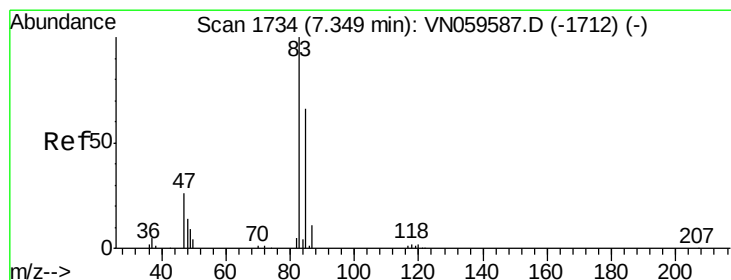
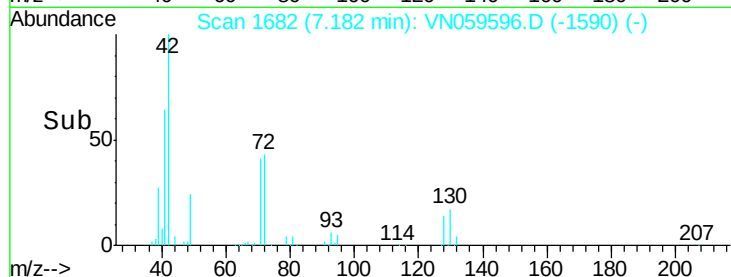
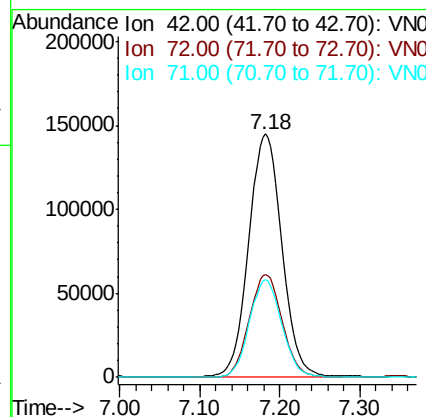
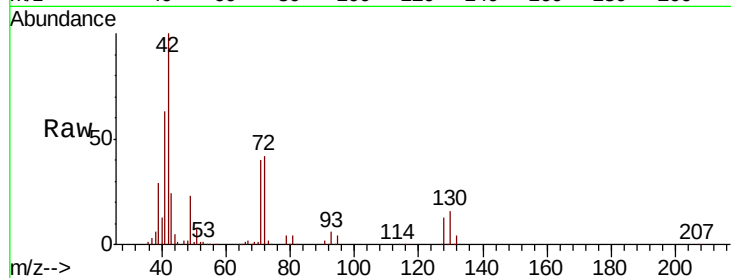
#29
Tetrahydrofuran
Concen: 276.076 ug/l
RT: 7.18 min Scan# 1682
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.0	33.1	49.7
71	39.2	31.4	47.0

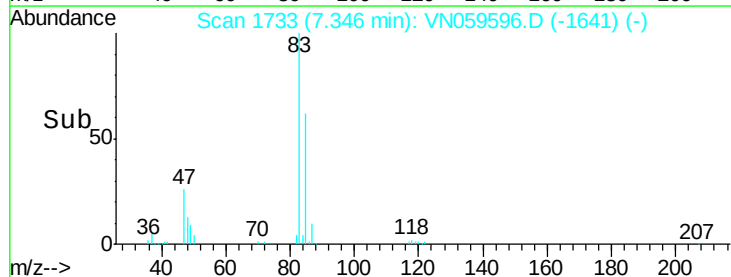
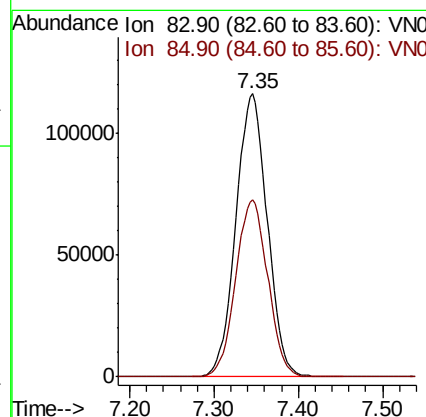
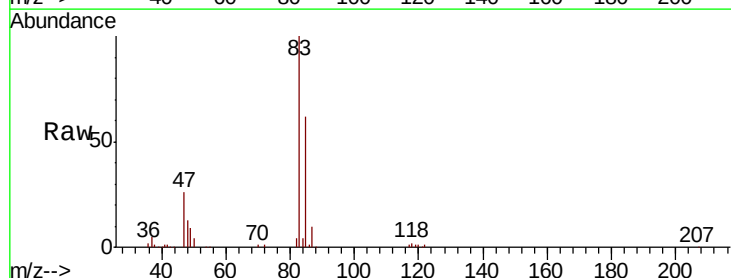
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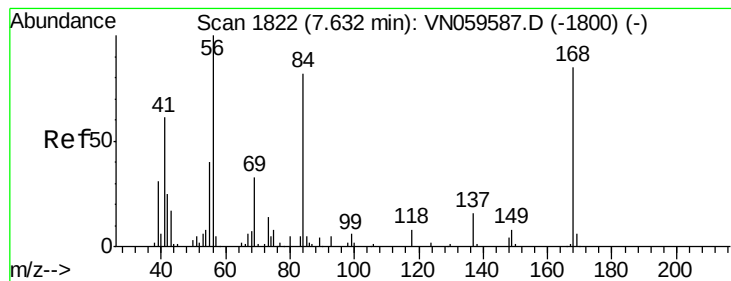
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#30
Chloroform
Concen: 57.731 ug/l
RT: 7.35 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.4	78.6





#31

Cyclohexane

Concen: 54.945 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

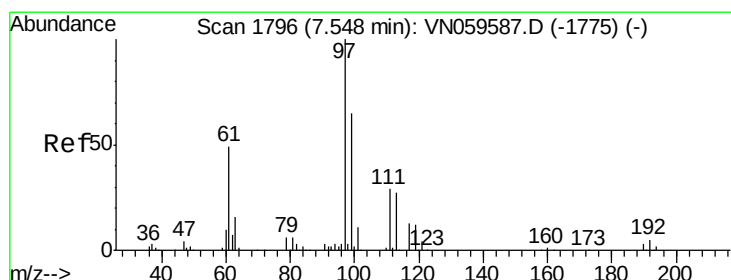
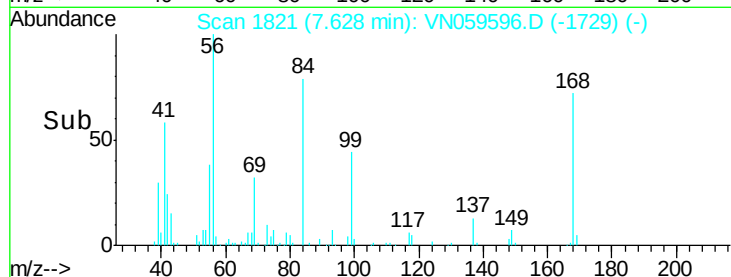
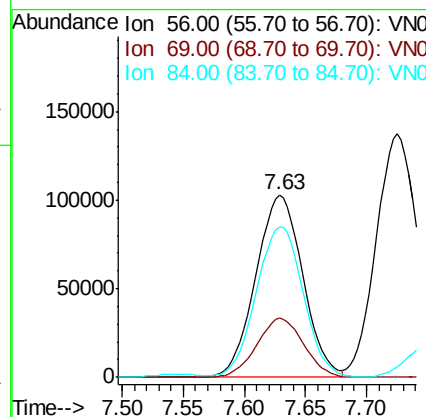
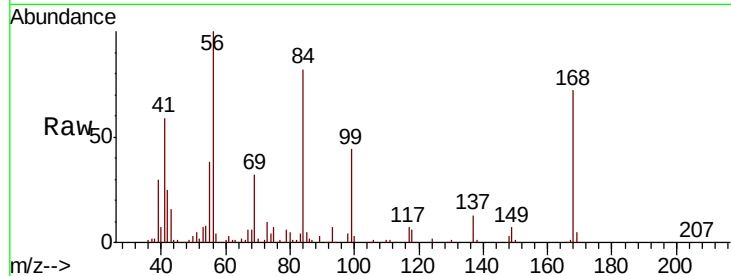
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	275450
Ion	Ratio	Lower	Upper
56	100		
69	32.4	26.5	39.7
84	81.1	65.3	97.9

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#32

1,1,1-Trichloroethane

Concen: 56.031 ug/l

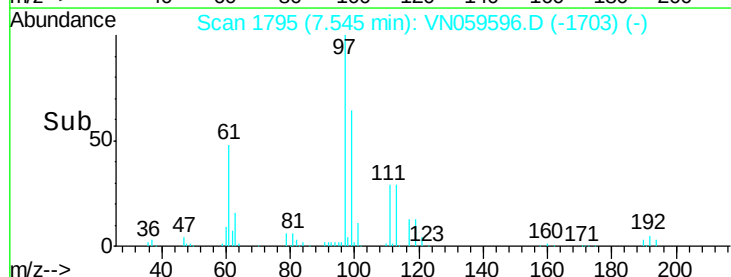
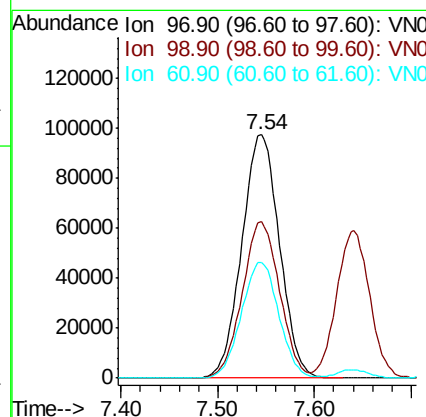
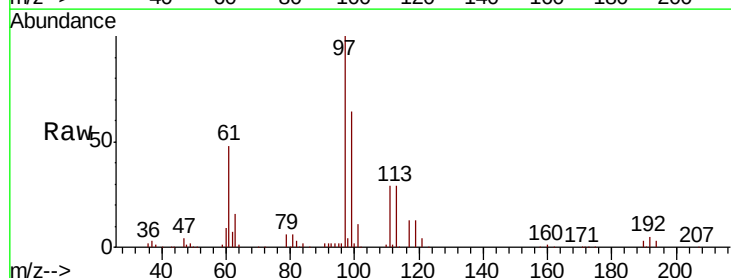
RT: 7.54 min Scan# 1795

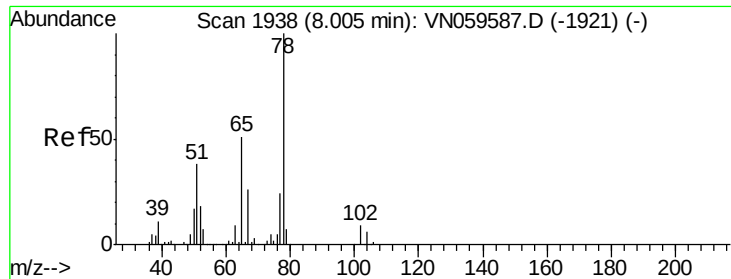
Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion:	97	Resp:	263816
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	47.4	38.5	57.7





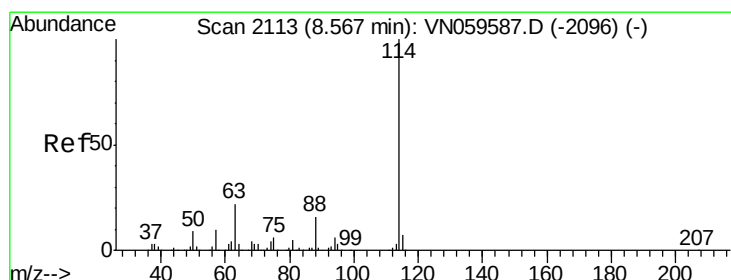
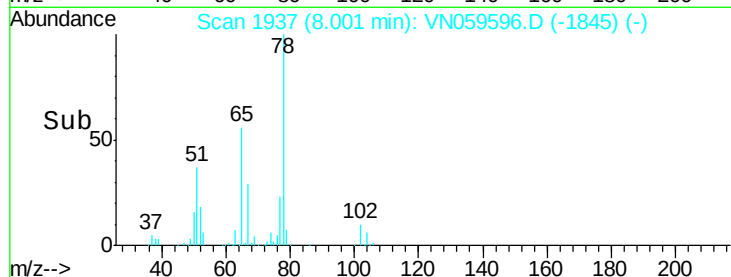
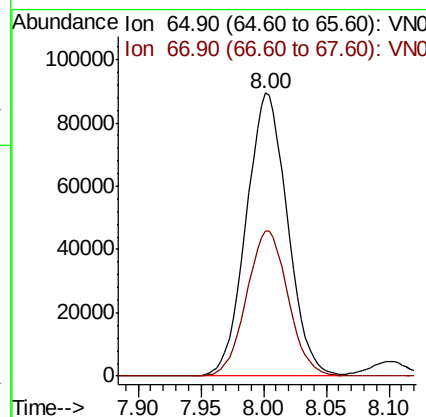
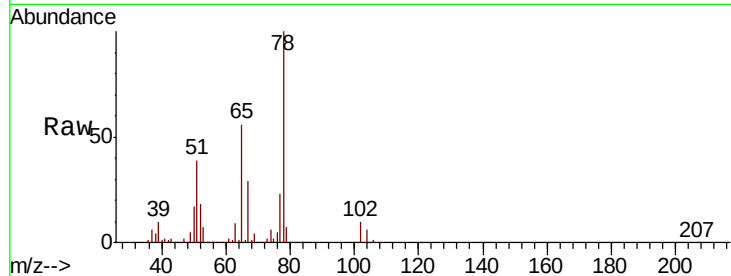
#33
 1,2-Dichloroethane-d4
 Concen: 59.681 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.0

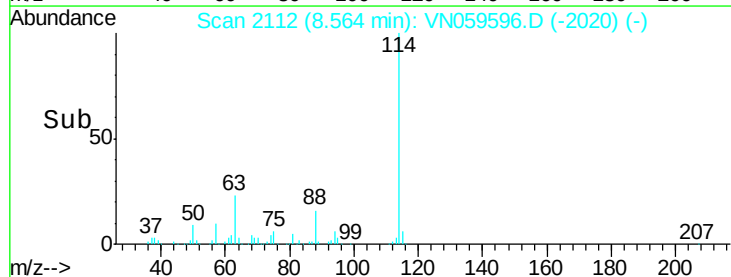
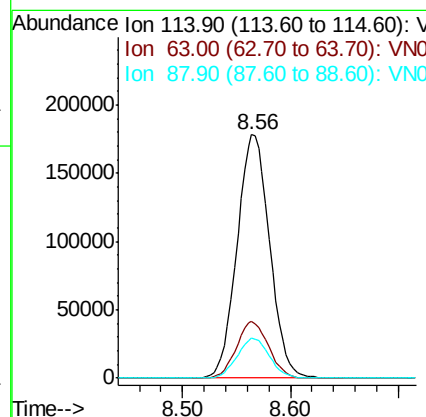
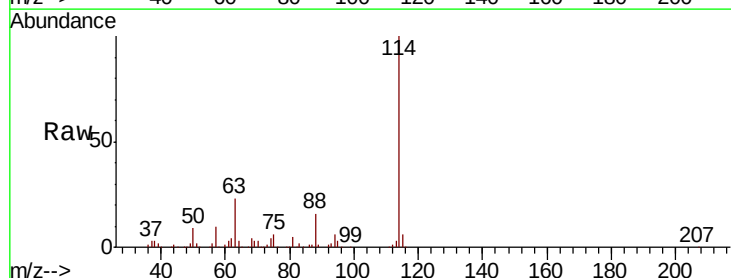
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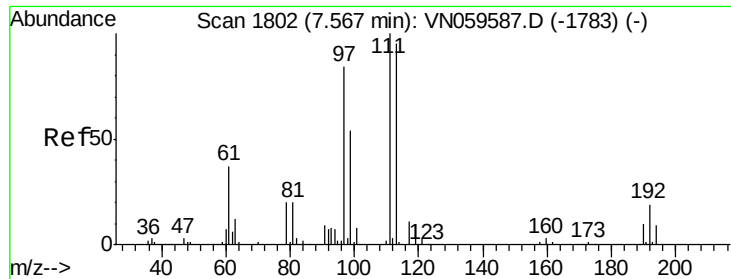
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

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





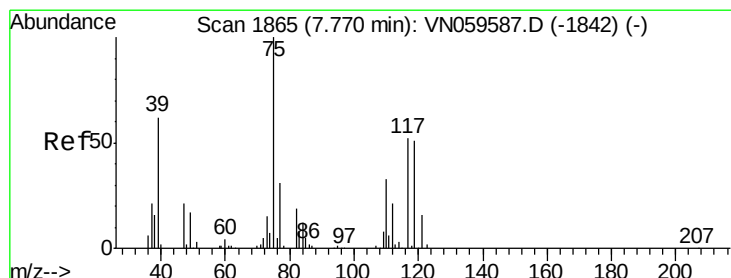
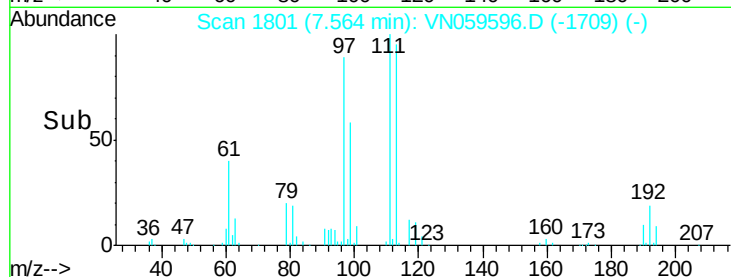
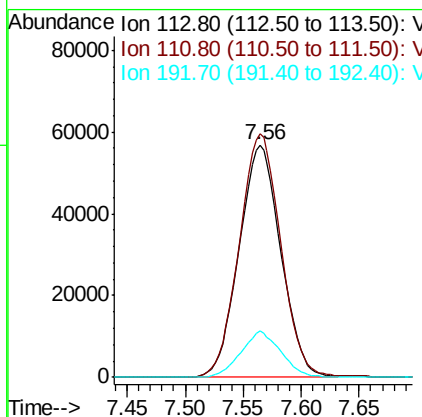
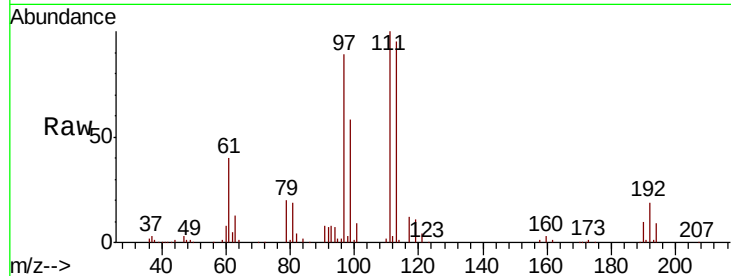
#35
 Dibromofluoromethane
 Concen: 60.444 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	142087		
111	104.7	83.5	125.3	
192	19.1	15.4	23.2	

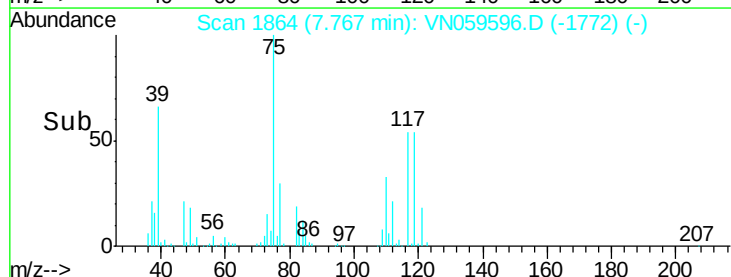
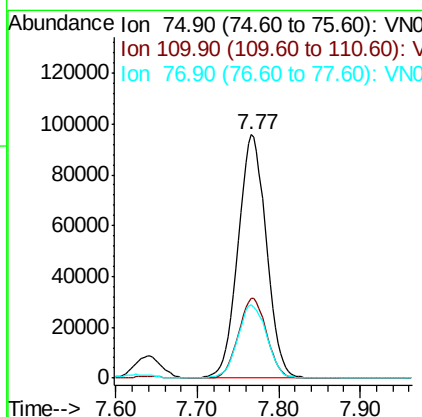
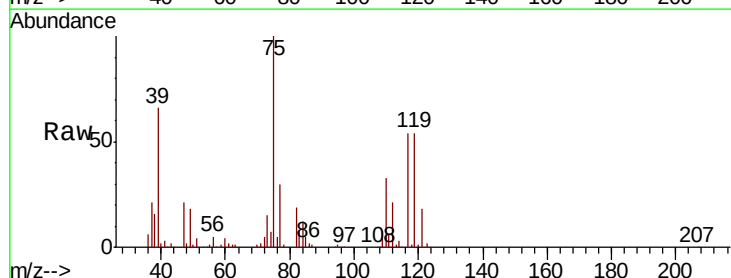
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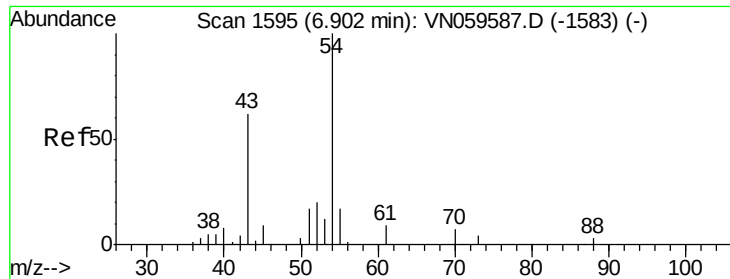
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#36
 1,1-Dichloropropene
 Concen: 58.551 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	229404		
110	32.7	16.6	49.7	
77	30.9	25.1	37.7	





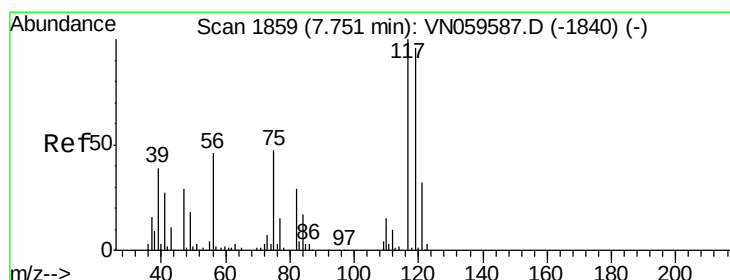
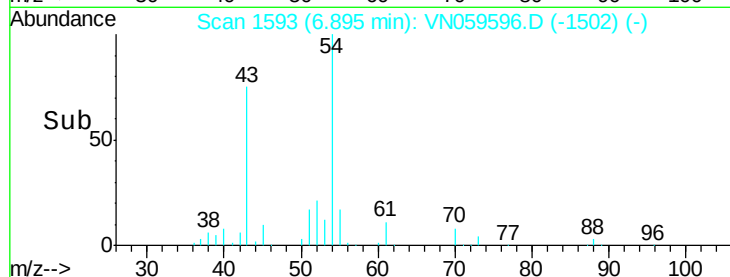
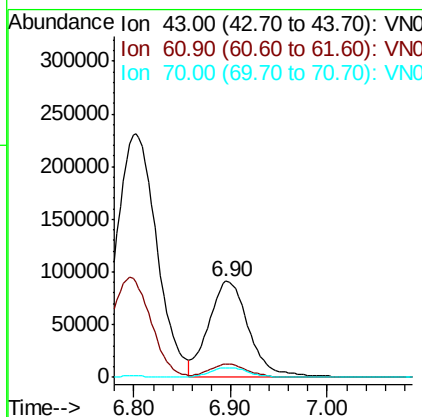
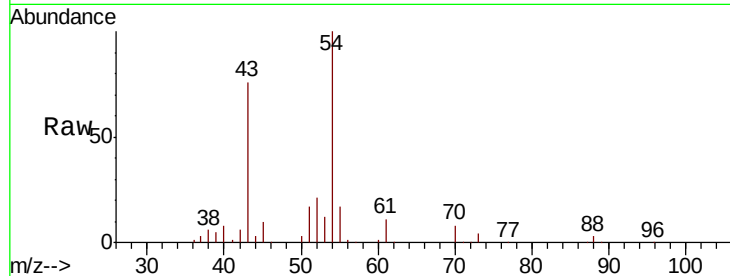
#37
Ethyl Acetate
Concen: 56.786 ug/l
RT: 6.90 min Scan# 1593
Delta R.T. -0.01 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.9	16.3
70	9.8	7.7	11.5

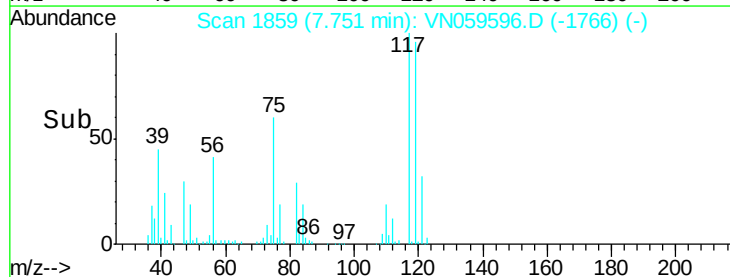
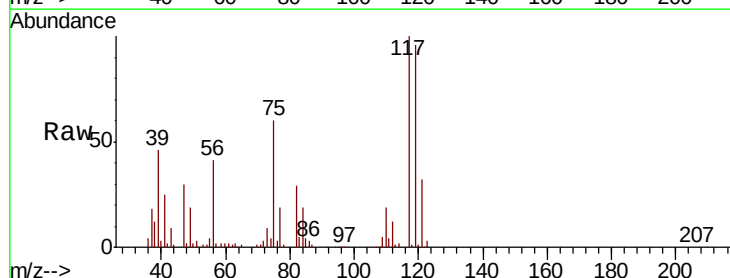
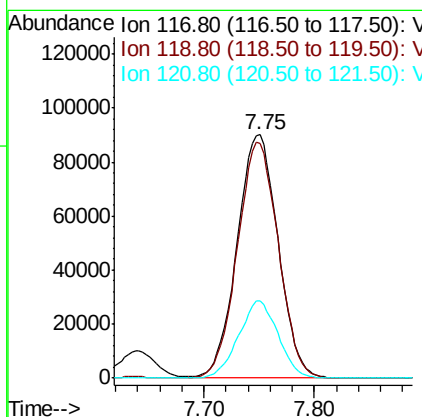
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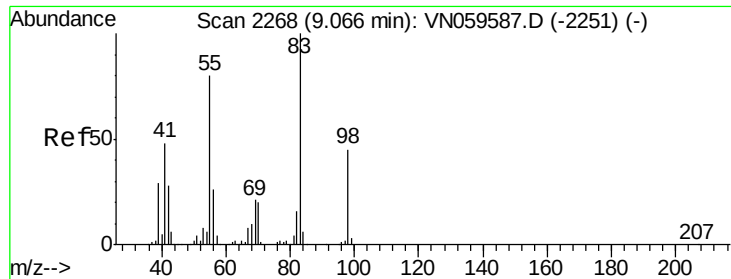
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#38
Carbon Tetrachloride
Concen: 57.182 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

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





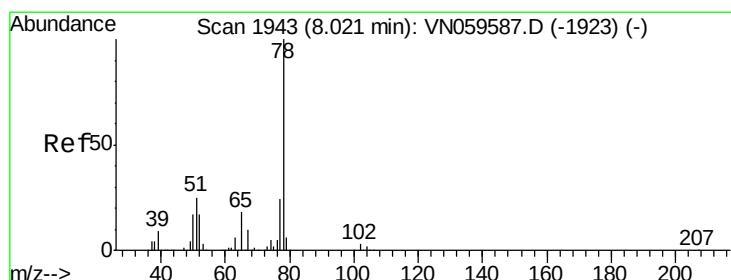
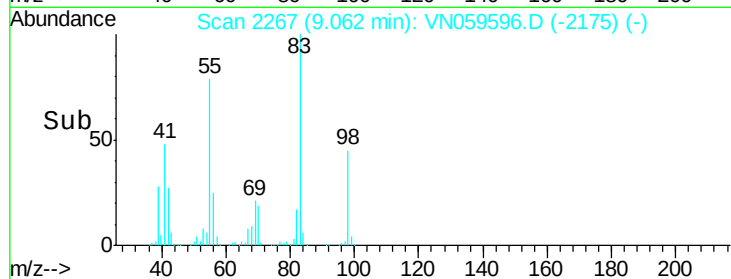
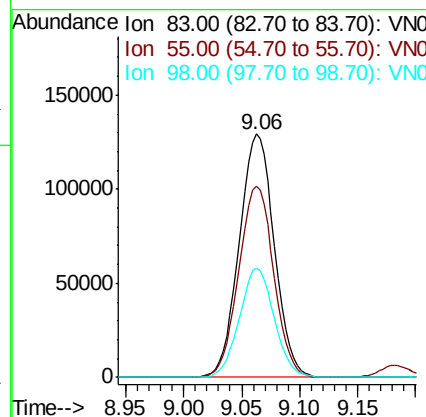
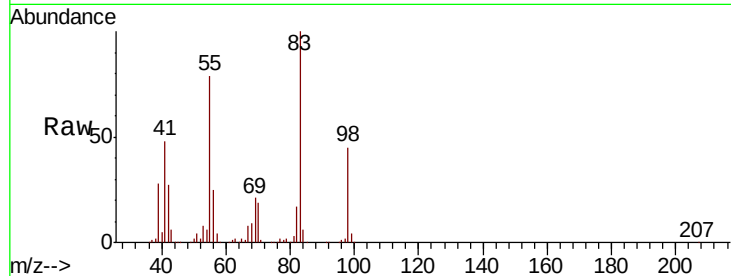
#39
Methylvlcyclohexane
Concen: 61.208 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

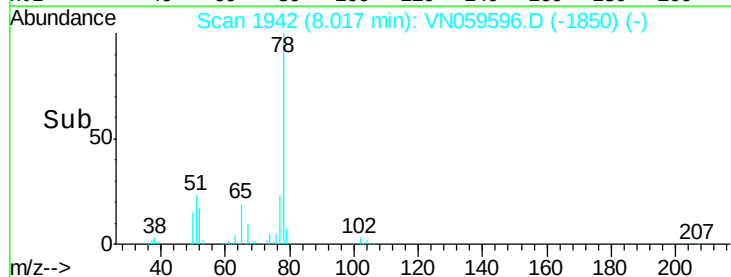
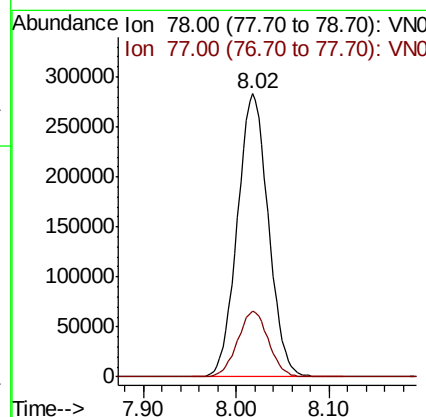
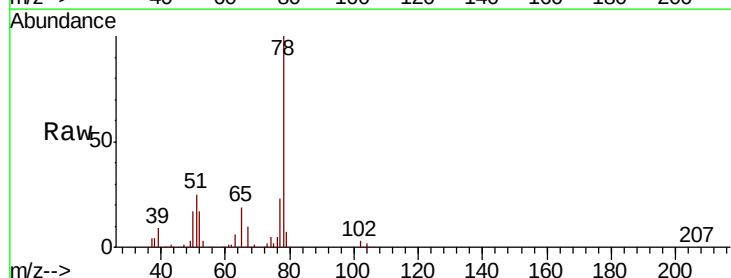
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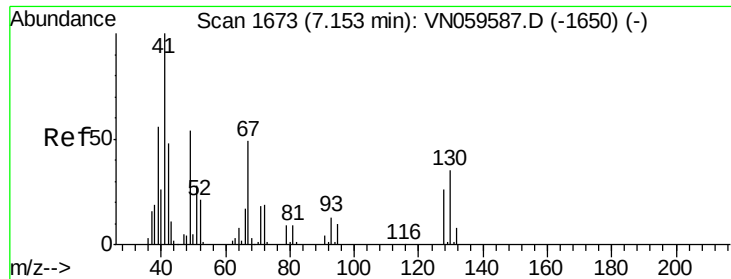
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#40
Benzene
Concen: 57.367 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

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





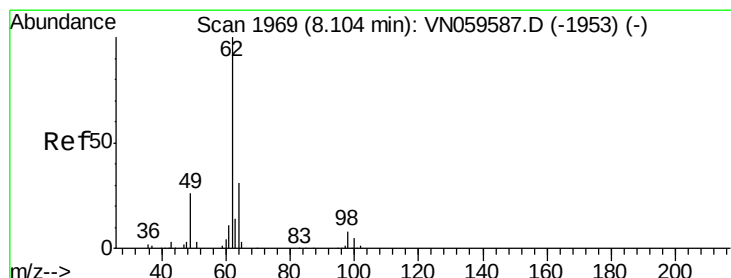
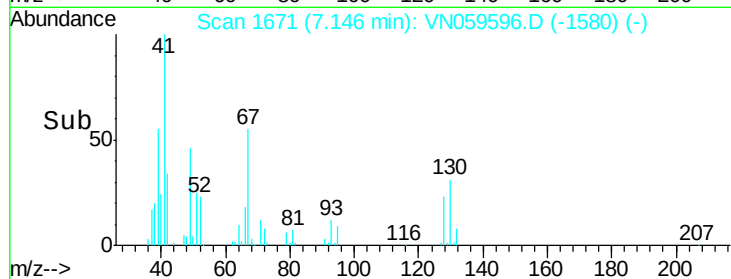
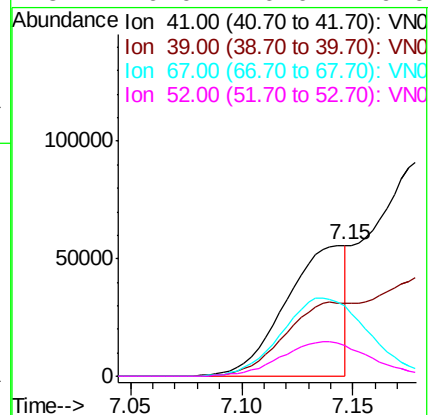
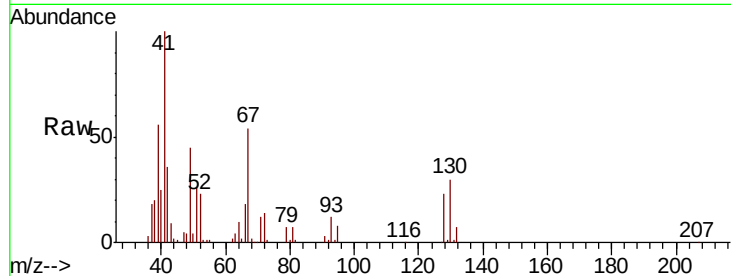
#41
Methacrylonitrile
Concen: 54.745 ug/l m
RT: 7.15 min Scan# 1671
Delta R.T. -0.01 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot 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

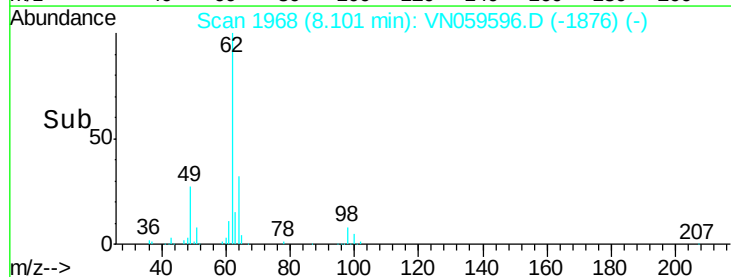
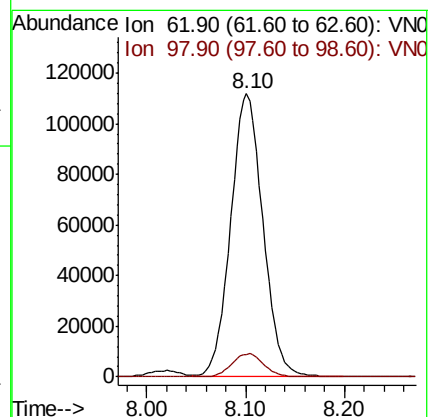
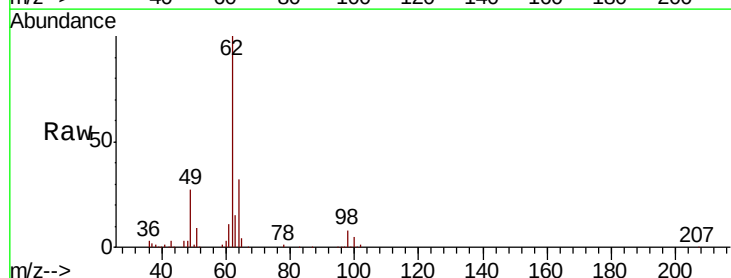
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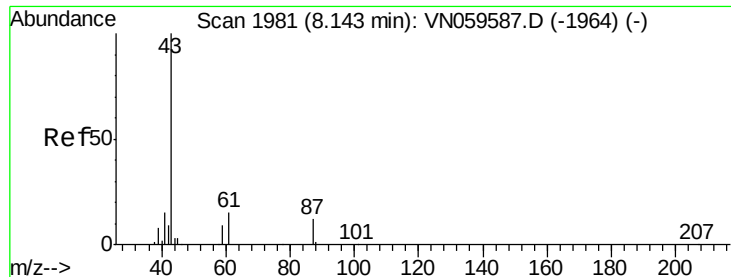
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#42
1,2-Dichloroethane
Concen: 58.110 ug/l
RT: 8.10 min Scan# 1968
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	15.8





#43

Isopropyl Acetate

Concen: 58.255 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

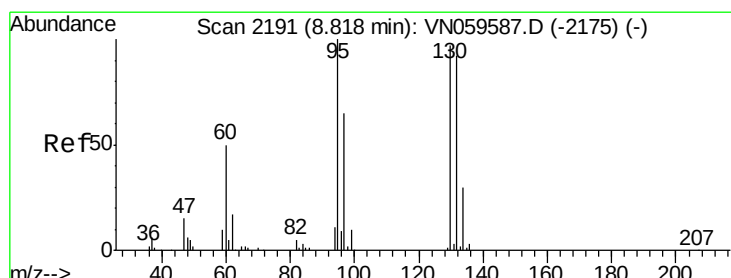
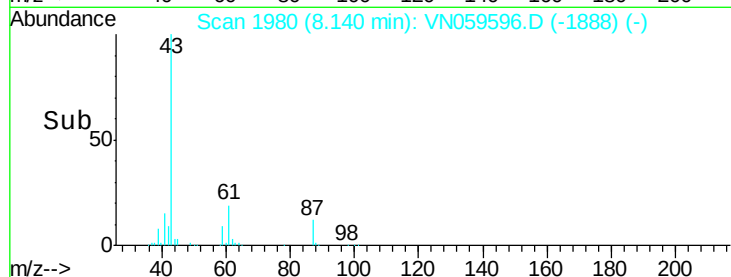
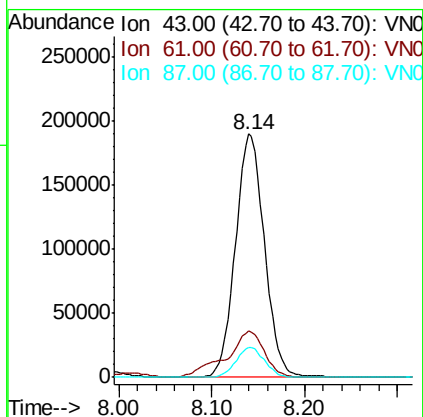
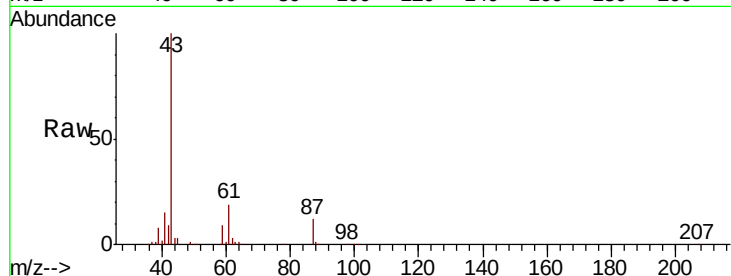
ClientSampleId :

VSTDCCC050

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

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#44

Trichloroethene

Concen: 57.432 ug/l

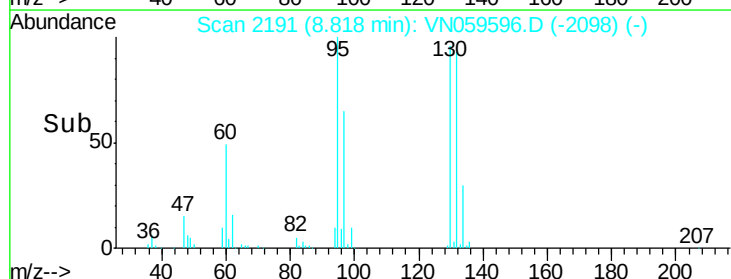
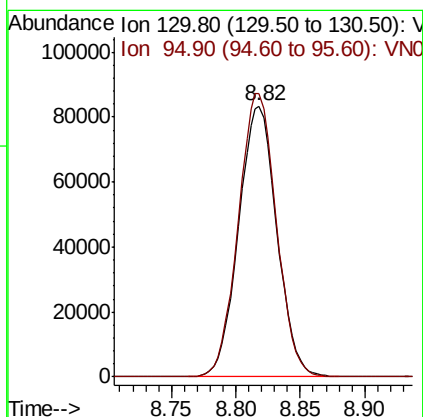
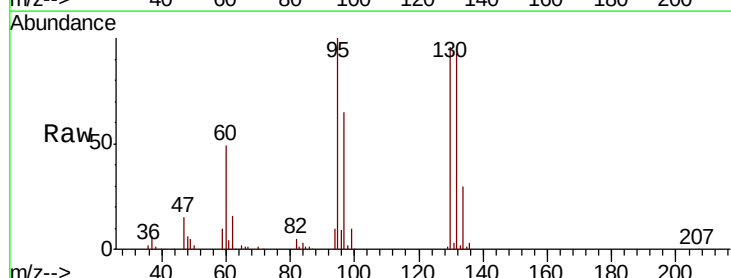
RT: 8.82 min Scan# 2191

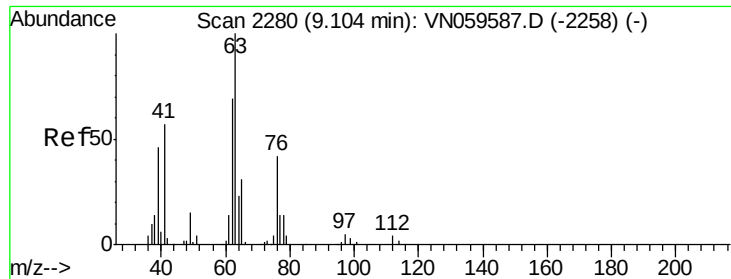
Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

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





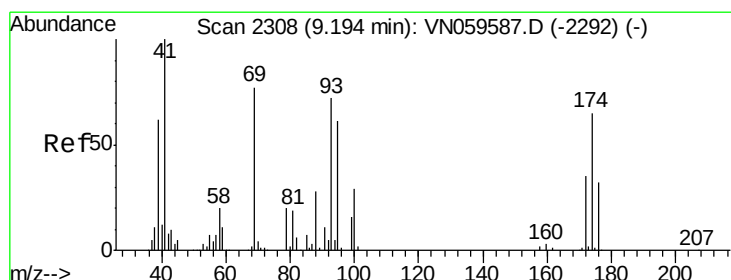
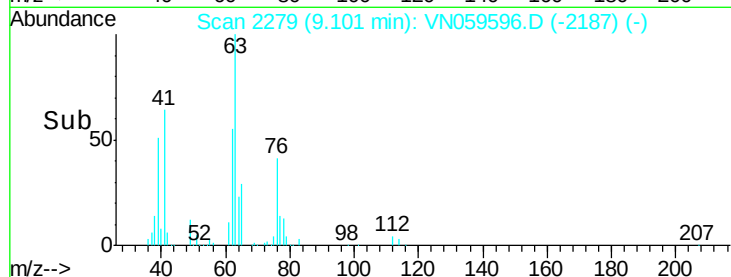
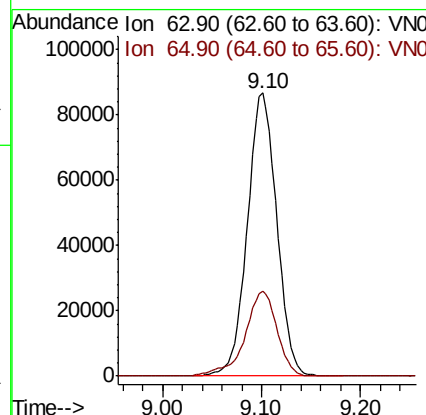
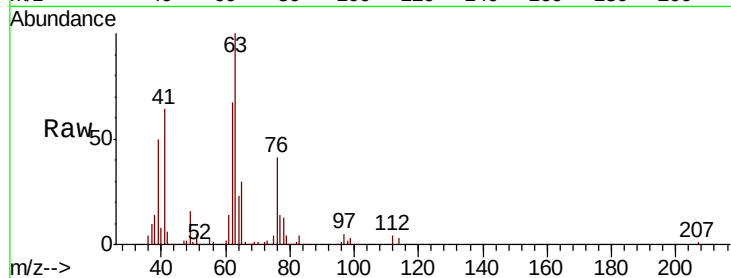
#45
 1,2-Dichloropropane
 Concen: 57.805 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.9	37.3

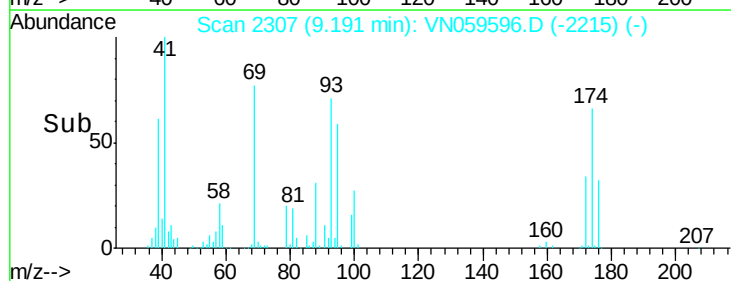
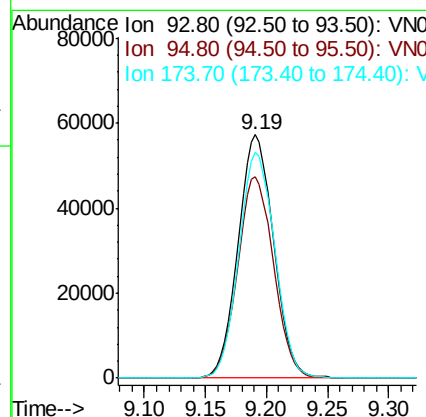
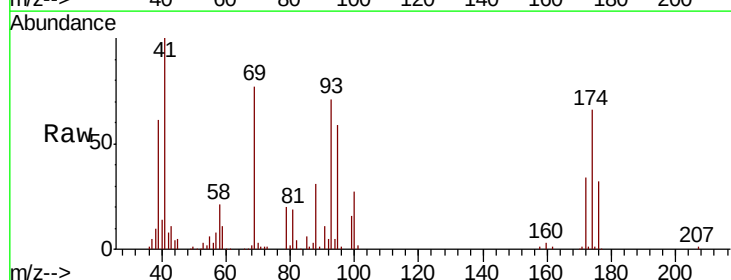
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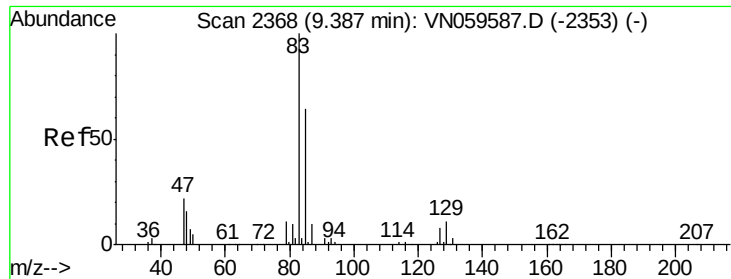
apatel
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#46
 Dibromomethane
 Concen: 57.165 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

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





#47

Bromodichloromethane

Concen: 59.083 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

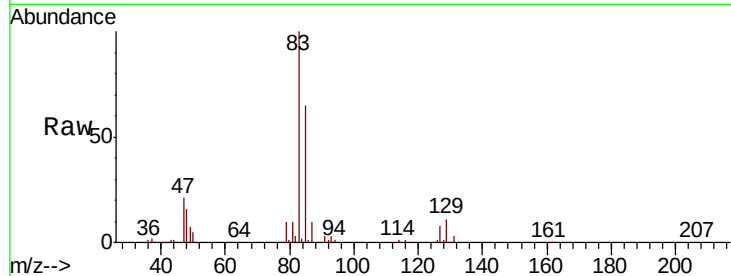
ClientSampleId :

VSTDCCC050

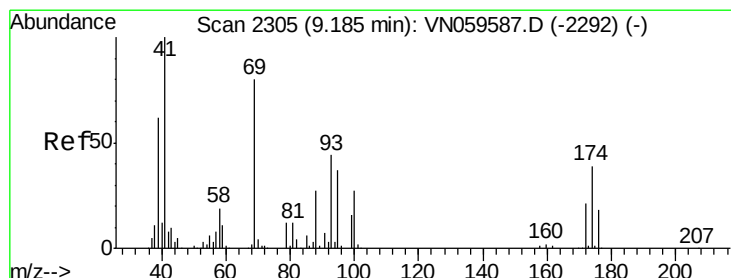
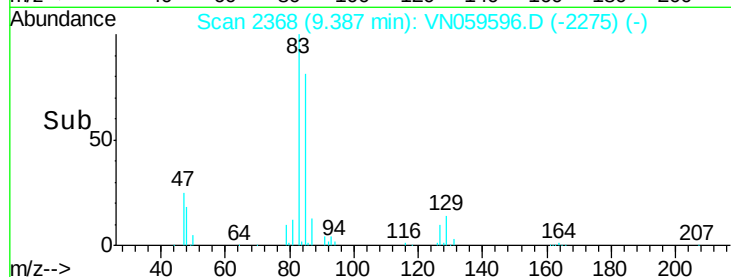
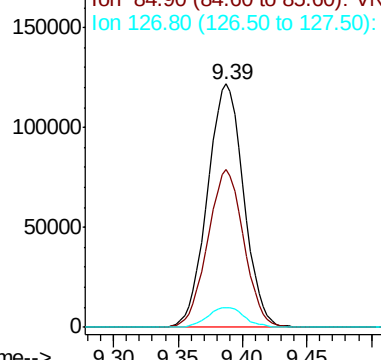
Tot Ion:	83	Resp:	238617
Ion Ratio	Lower	Upper	
83	100		
85	64.6	51.1	76.7
127	8.3	6.6	9.8

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



#48

Methyl methacrylate

Concen: 58.101 ug/l

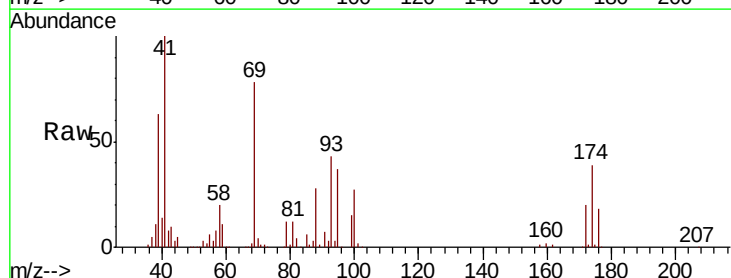
RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

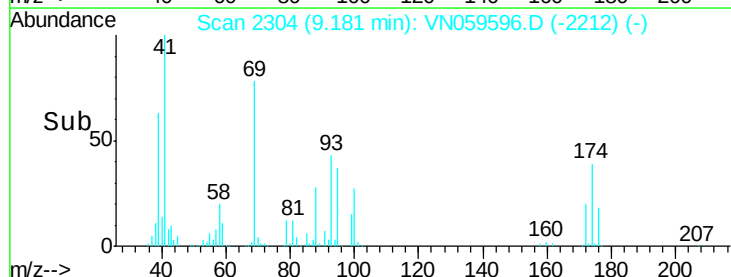
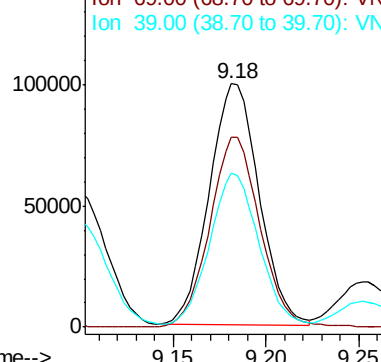
Lab File: VN059596.D

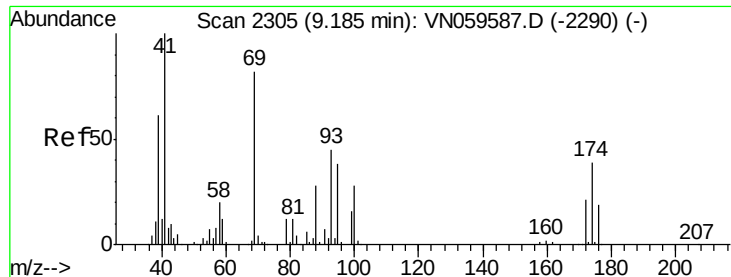
Acq: 16 Dec 2019 12:00

Tgt Ion:	41	Resp:	186628
Ion Ratio	Lower	Upper	
41	100		
69	79.7	64.4	96.6
39	63.4	51.3	76.9



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





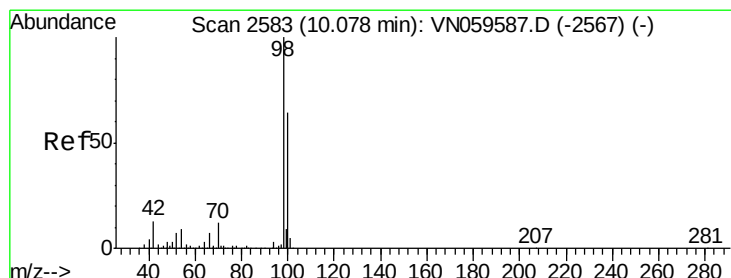
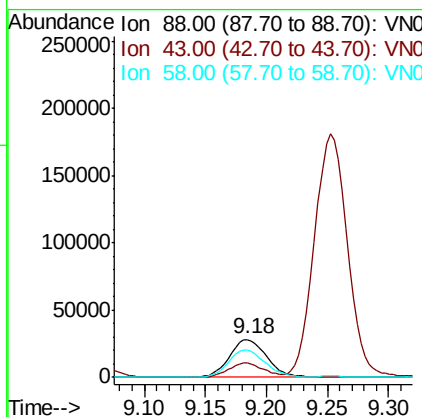
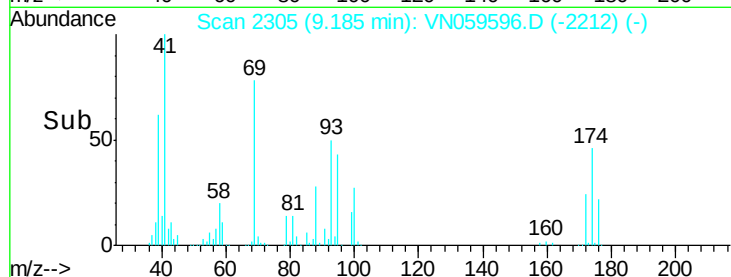
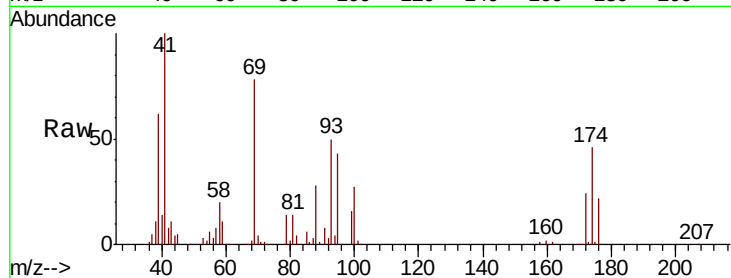
#49
1,4-Dioxane
Concen: 1297.836 ug/l
RT: 9.18 min Scan# 2305
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.0	29.7	44.5
58	71.9	56.6	85.0

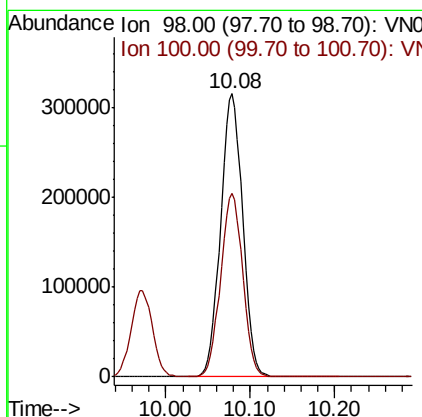
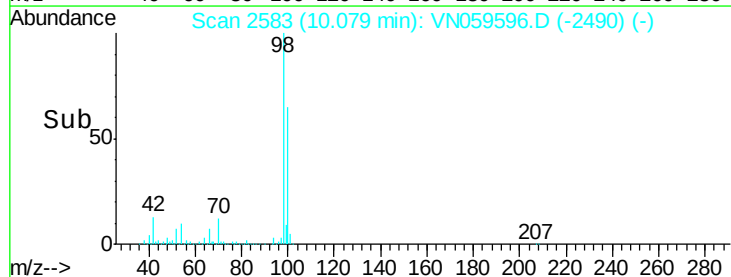
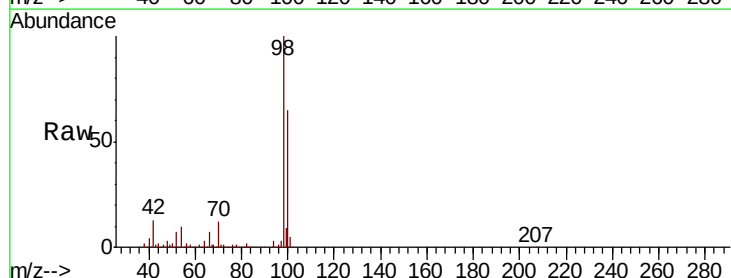
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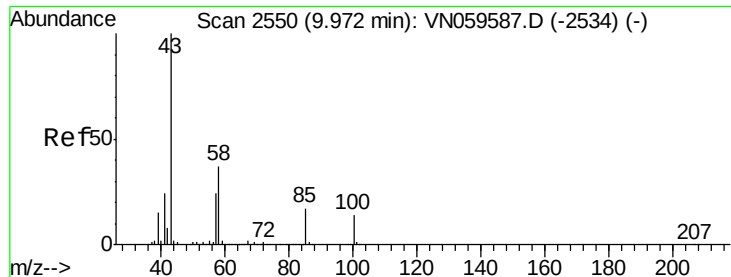
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#50
Toluene-d8
Concen: 61.505 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.2	76.8





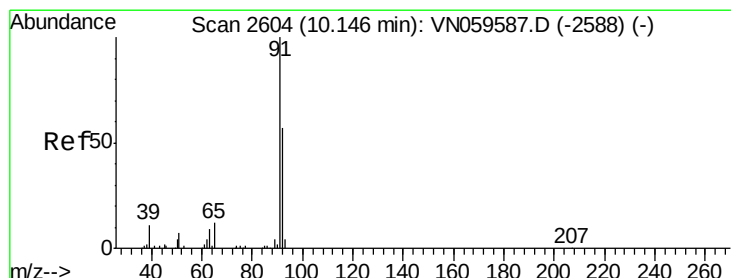
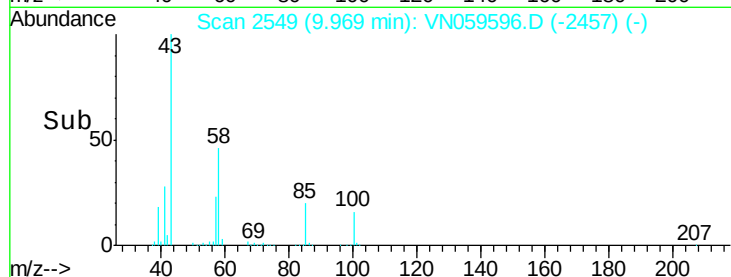
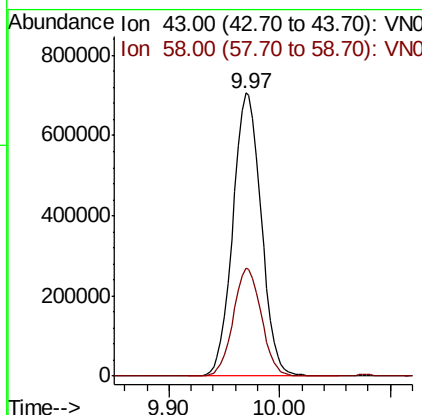
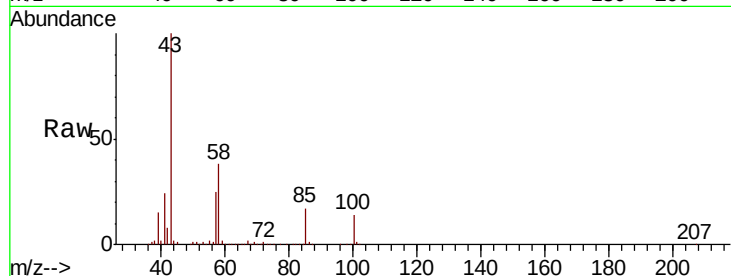
#51
4-Methyl-2-Pentanone
Concen: 298.242 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1258944
Ion Ratio Lower Upper
43 100
58 37.9 29.8 44.8

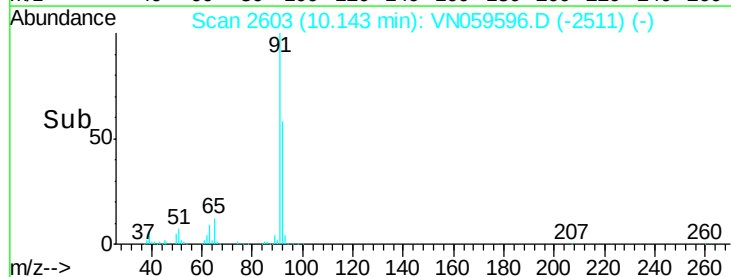
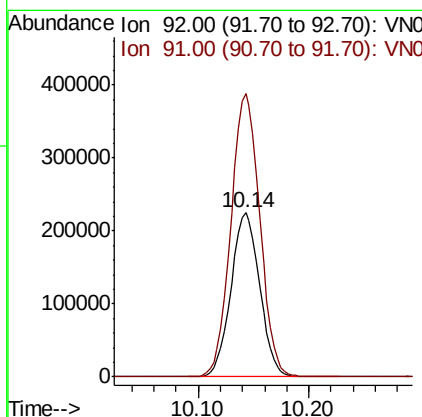
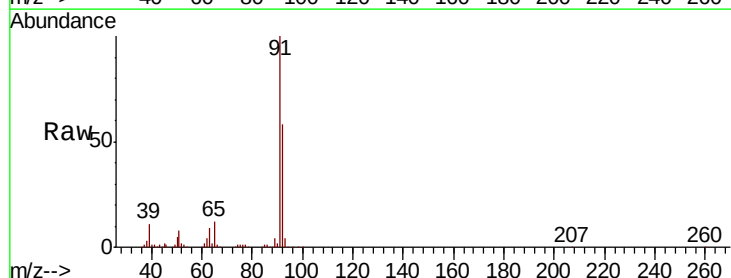
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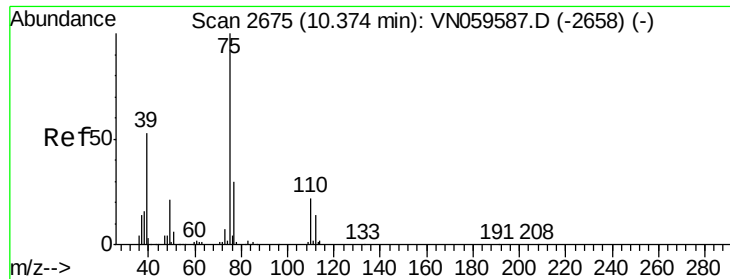
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#52
Toluene
Concen: 57.760 ug/l
RT: 10.14 min Scan# 2603
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion: 92 Resp: 406355
Ion Ratio Lower Upper
92 100
91 173.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 58.911 ug/l

RT: 10.37 min Scan# 2674

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 275163

Ion Ratio Lower Upper

75 100

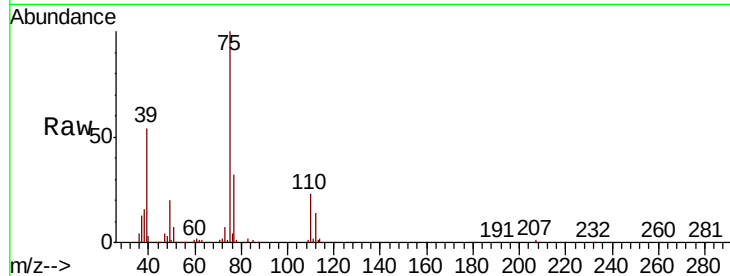
77 31.5 25.4 38.2

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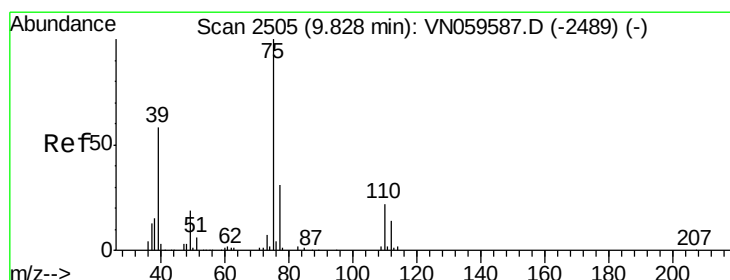
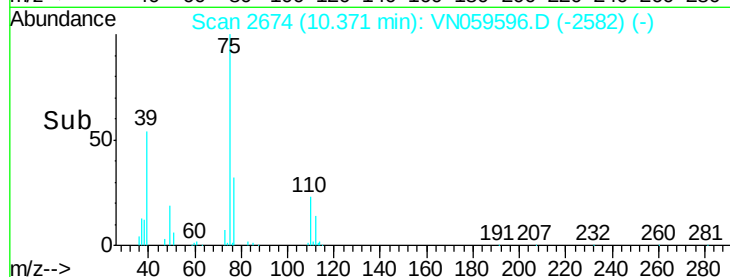
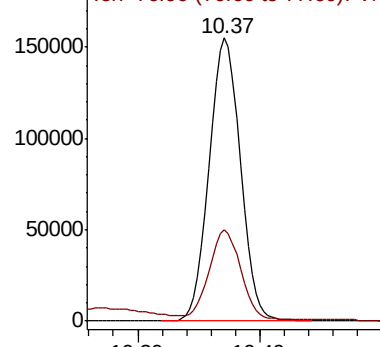
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Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 59.054 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

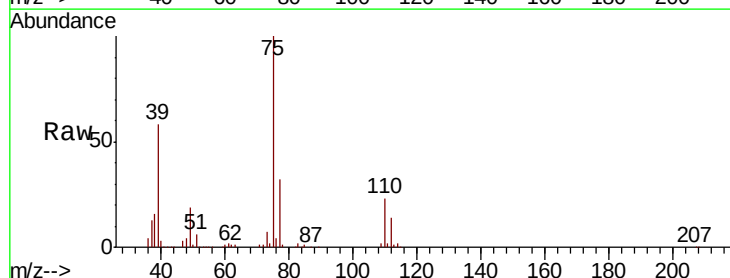
Tgt Ion: 75 Resp: 289942

Ion Ratio Lower Upper

75 100

77 32.4 25.1 37.7

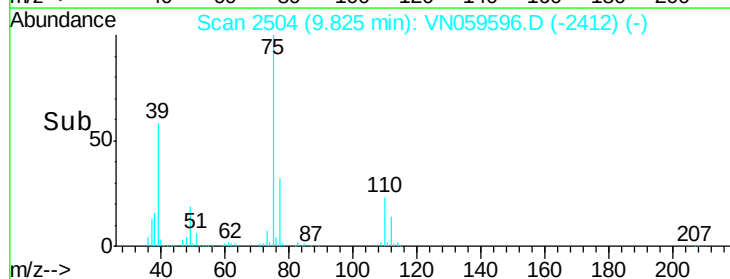
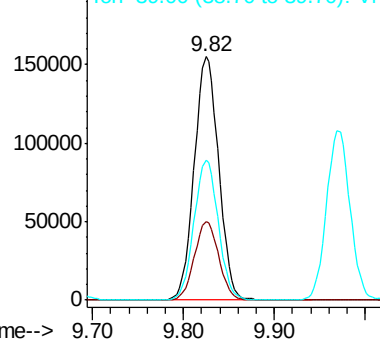
39 57.5 46.1 69.1

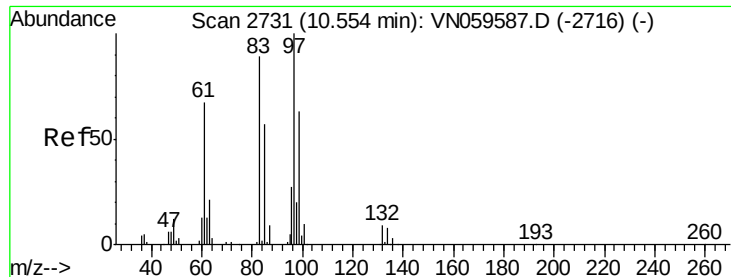


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 57.739 ug/l

RT: 10.55 min Scan# 2730

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

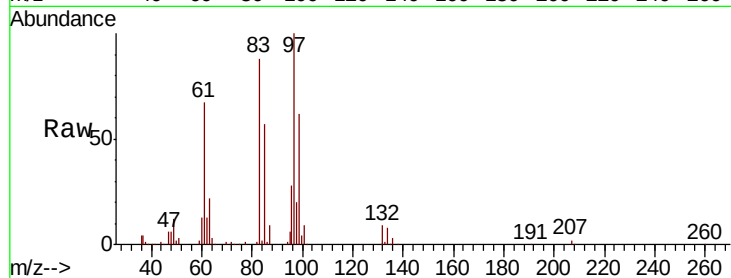
ClientSampleId :

VSTDCCC050

Tot Ion:	97	Resp:	159398
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.3	106.9
85	57.0	45.8	68.8
99	62.1	50.0	75.0

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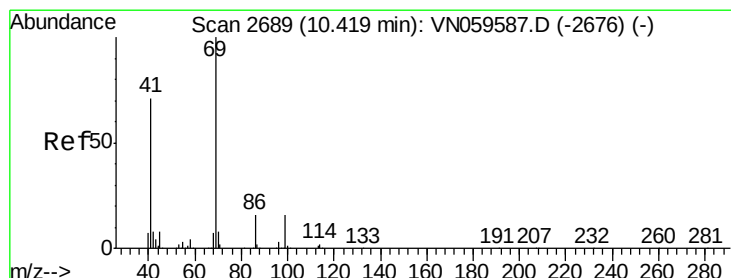
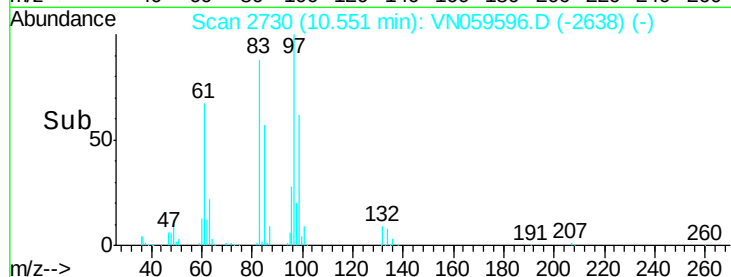
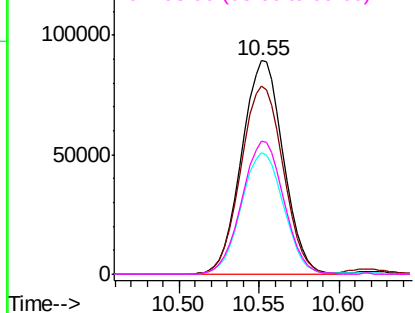


Abundance Ion 96.90 (96.60 to 97.60): VN059587.D (-2716) (-)

Ion 82.90 (82.60 to 83.60): VN059587.D (-2716) (-)

Ion 84.90 (84.60 to 85.60): VN059587.D (-2716) (-)

Ion 98.90 (98.60 to 99.60): VN059587.D (-2716) (-)



#56

Ethyl methacrylate

Concen: 61.708 ug/l

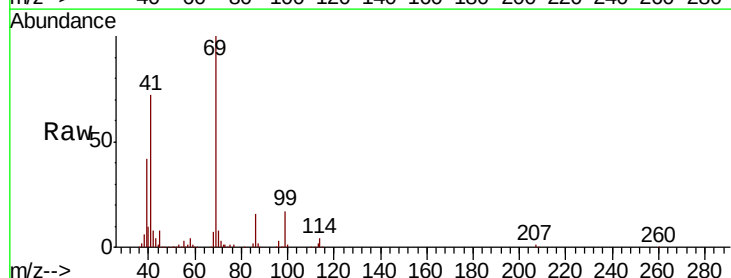
RT: 10.42 min Scan# 2689

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

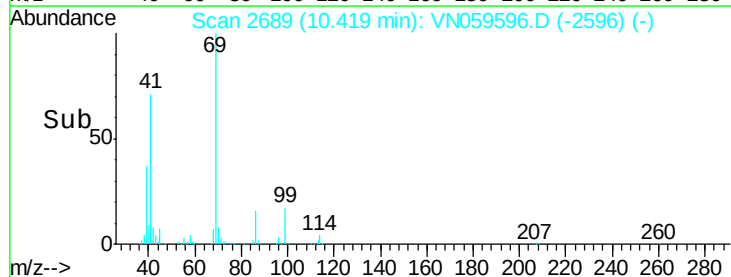
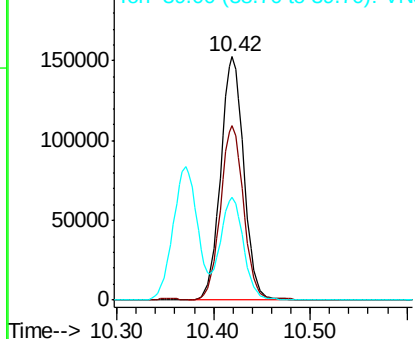
Tgt Ion:	69	Resp:	252900
Ion	Ratio	Lower	Upper
69	100		
41	70.4	57.1	85.7
39	41.7	34.7	52.1

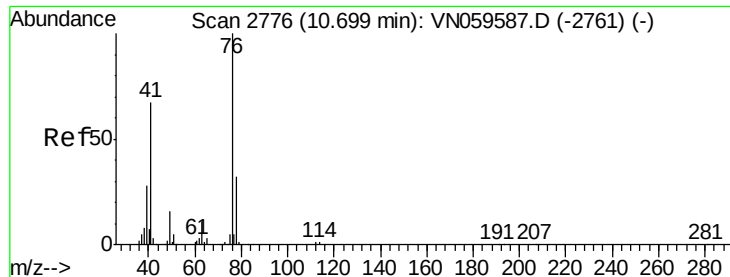


Abundance Ion 69.00 (68.70 to 69.70): VN059587.D (-2676) (-)

Ion 41.00 (40.70 to 41.70): VN059587.D (-2676) (-)

Ion 39.00 (38.70 to 39.70): VN059587.D (-2676) (-)





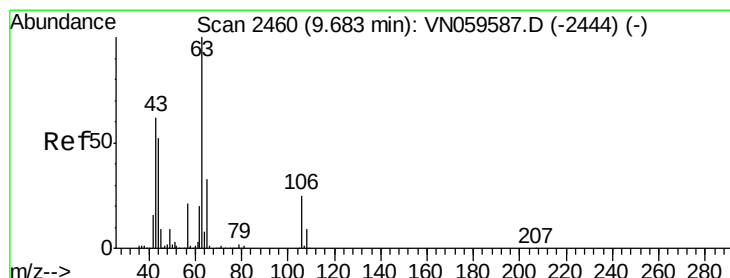
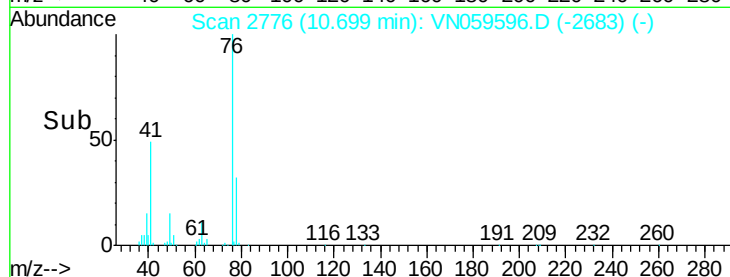
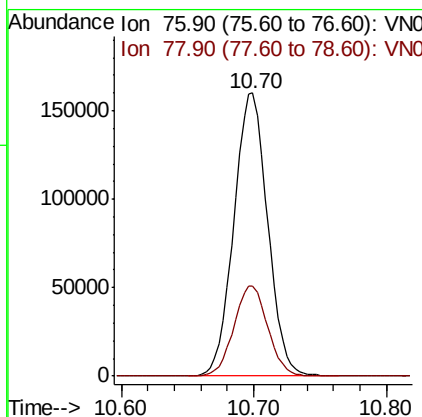
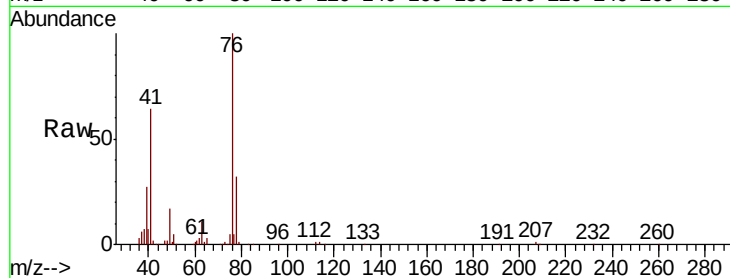
#57
 1,3-Dichloropropane
 Concen: 58.870 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

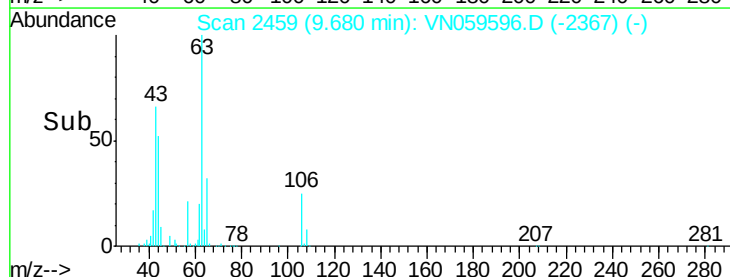
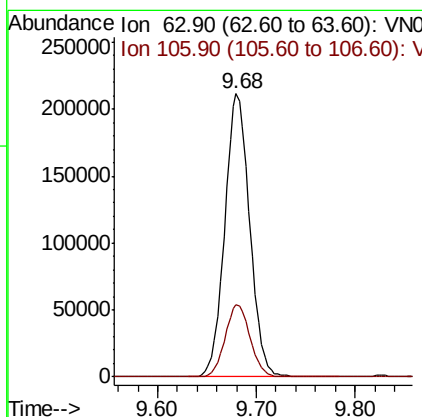
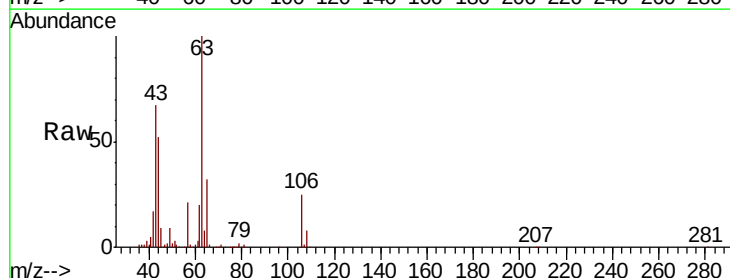
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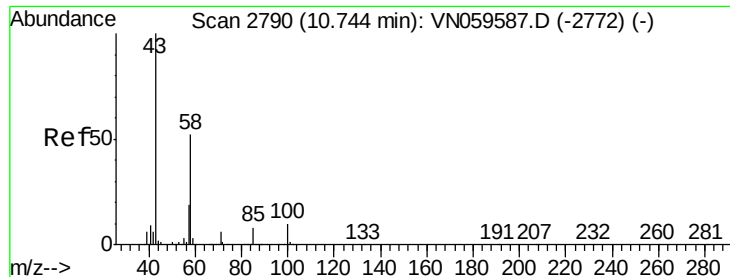
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#58
 2-Chloroethyl Vinyl ether
 Concen: 287.826 ug/l
 RT: 9.68 min Scan# 2459
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.6	20.2	30.2





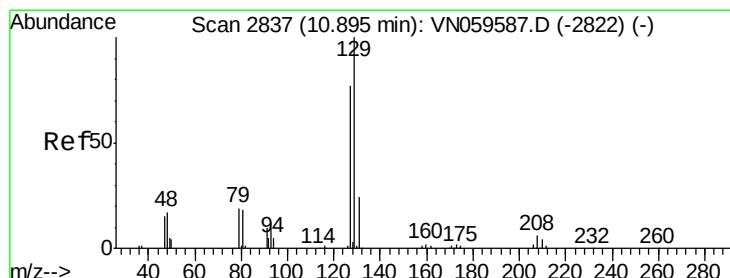
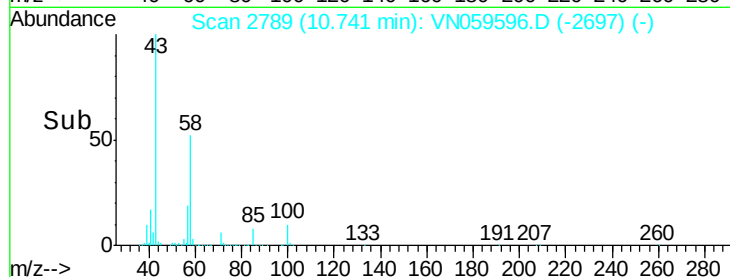
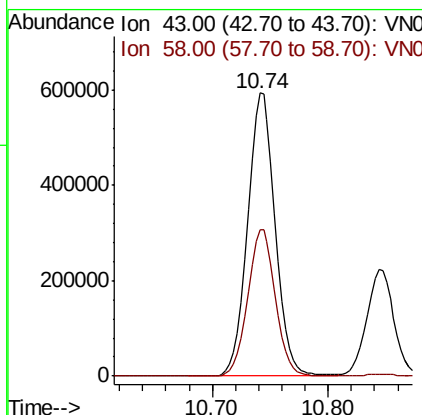
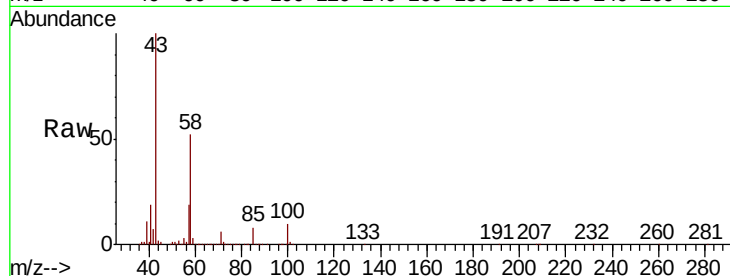
#59
2-Hexanone
Concen: 296.666 ug/l
RT: 10.74 min Scan# 2789
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.9	25.8	77.3

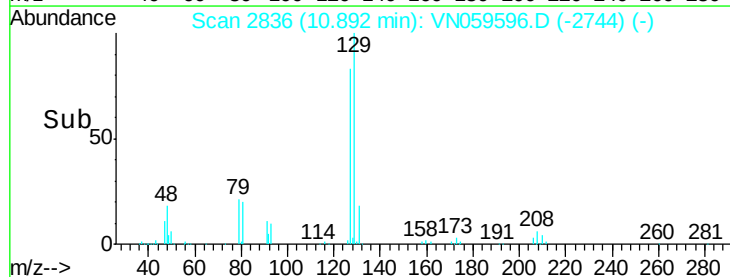
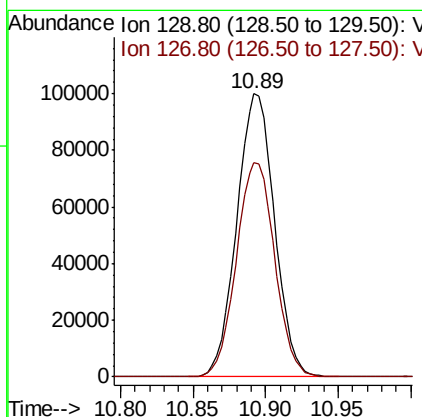
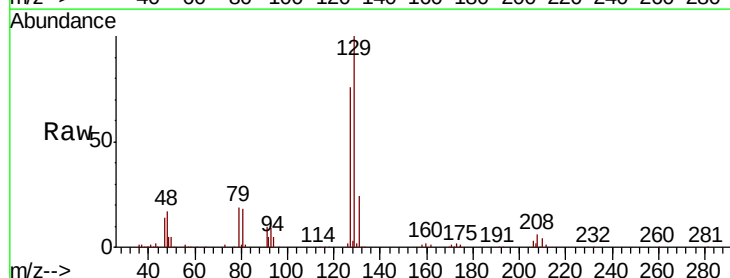
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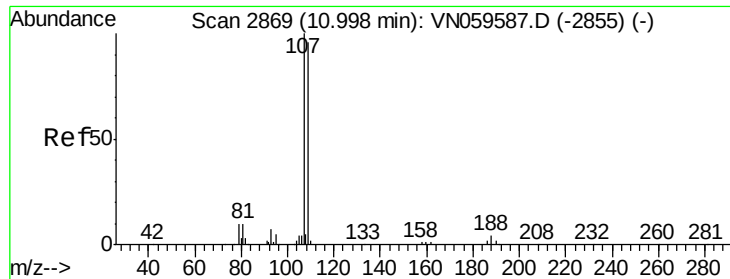
apatel
12/17/2019 12:45:31 PM



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

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.5	115.5





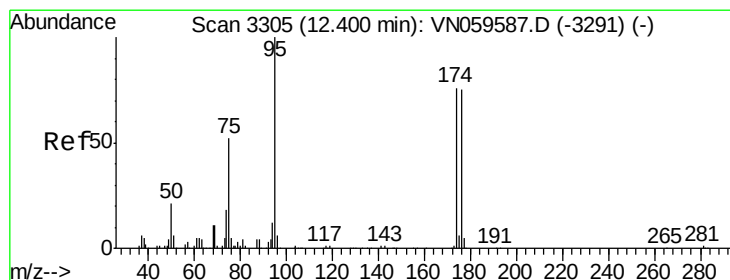
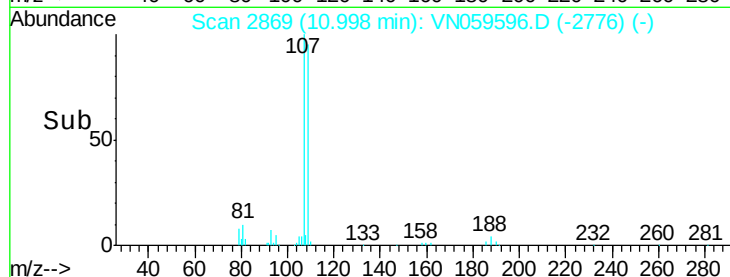
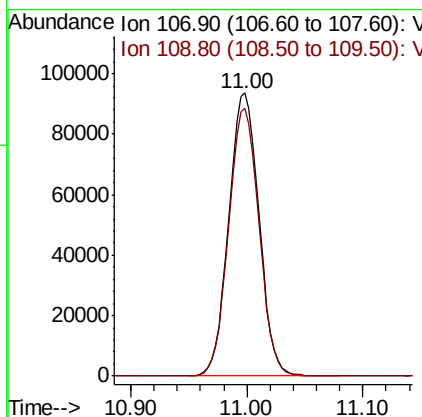
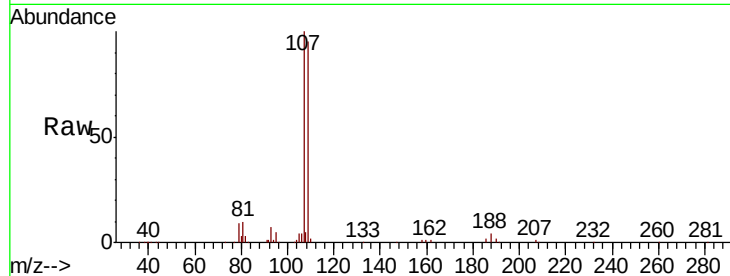
#61
 1,2-Dibromoethane
 Concen: 57.506 ug/l
 RT: 11.00 min Scan# 2869
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	76.6	115.0

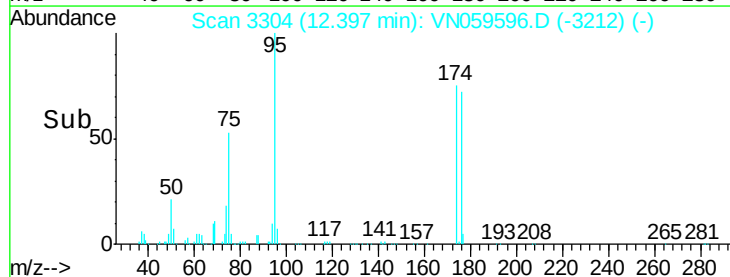
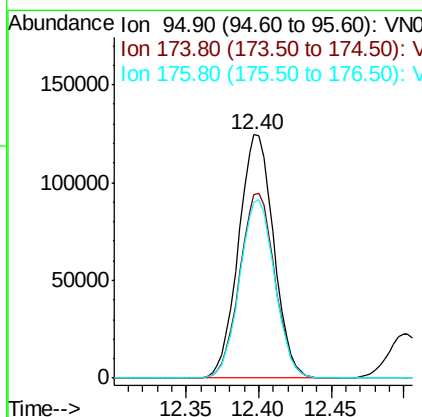
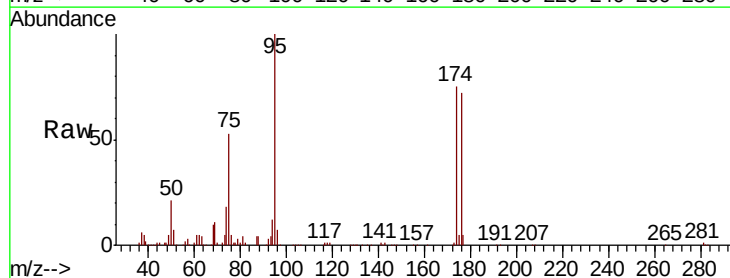
Manual Integrations
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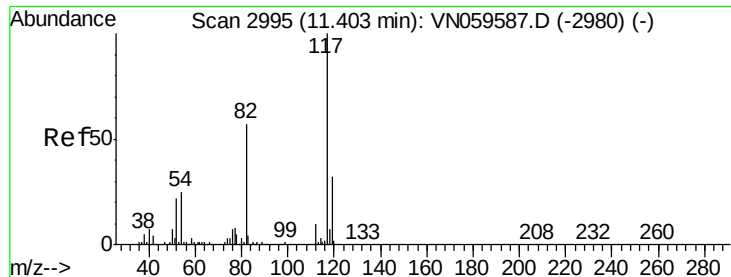
apatel
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#62
 4-Bromofluorobenzene
 Concen: 61.929 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

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





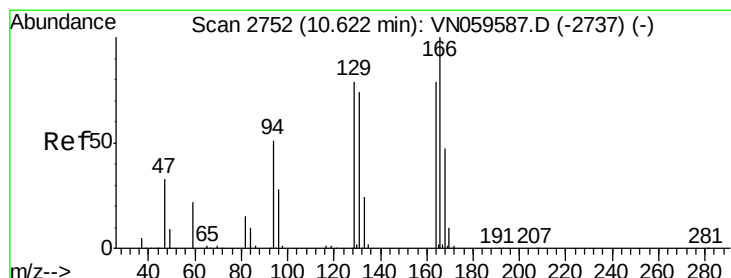
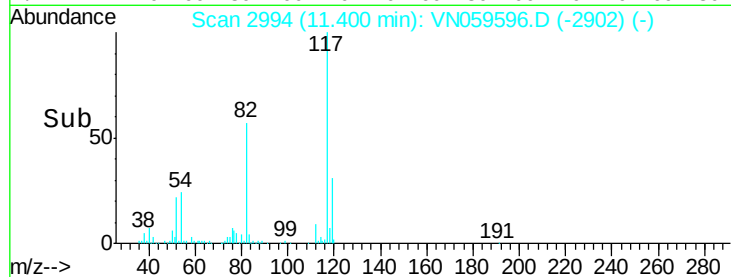
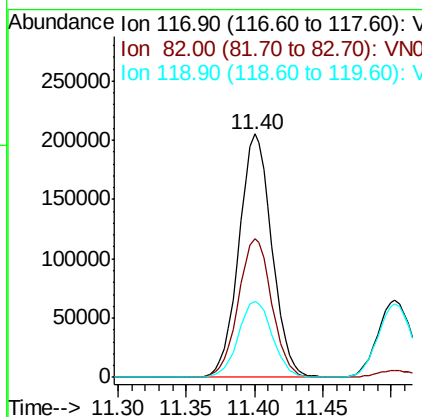
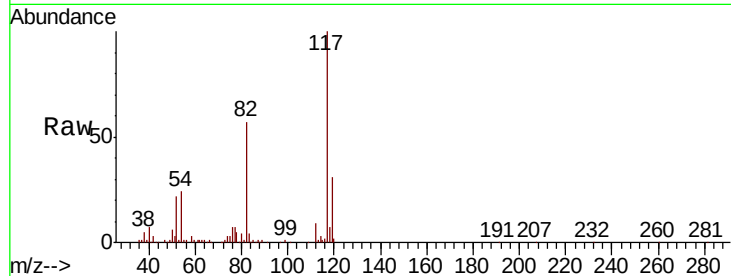
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

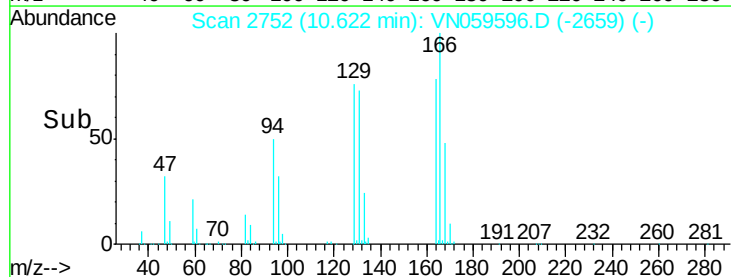
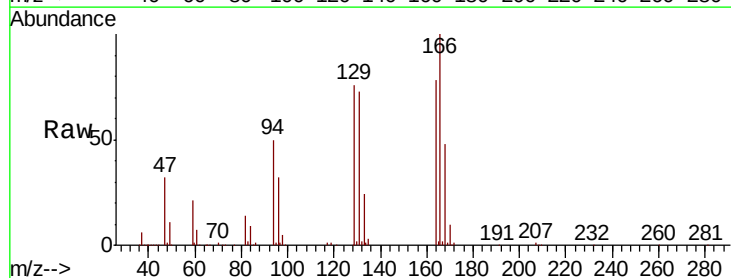
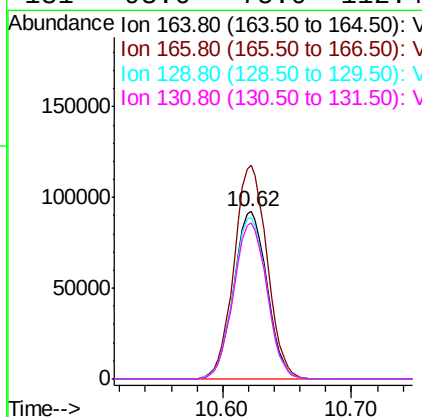
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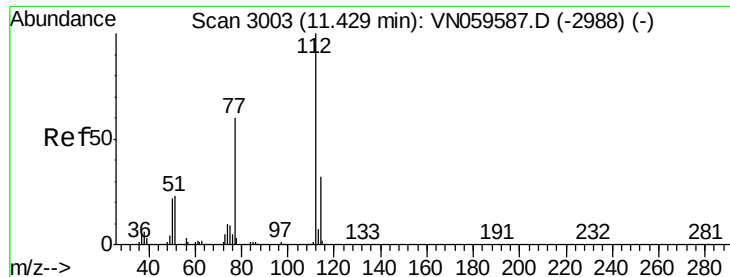
apatel
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#64
Tetrachloroethene
Concen: 51.473 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

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





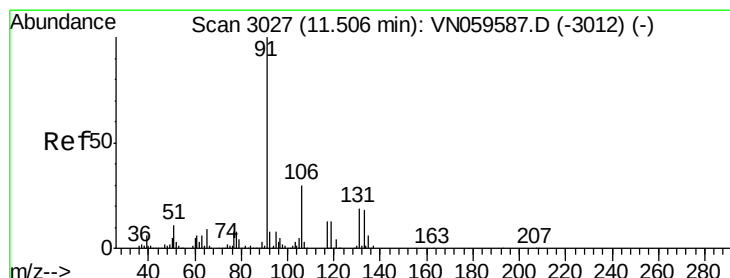
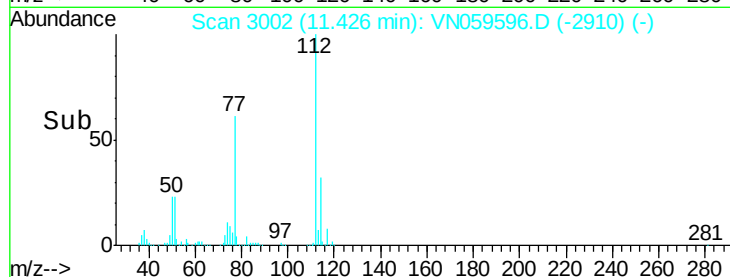
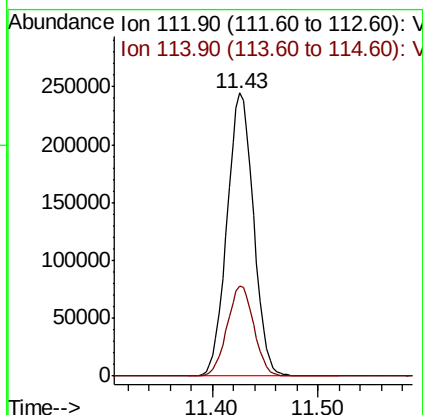
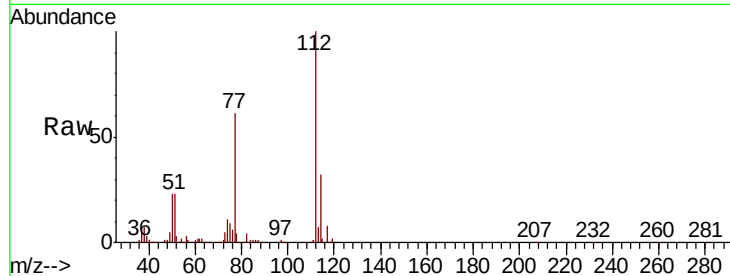
#65
Chlorobenzene
Concen: 57.001 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

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

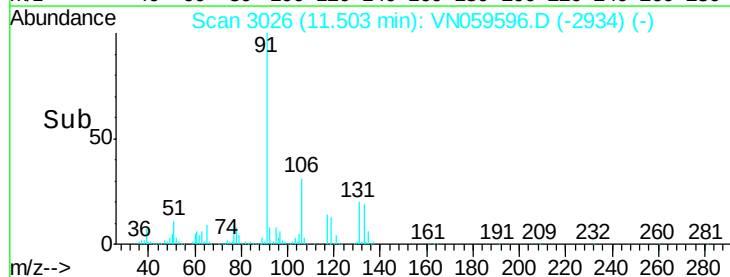
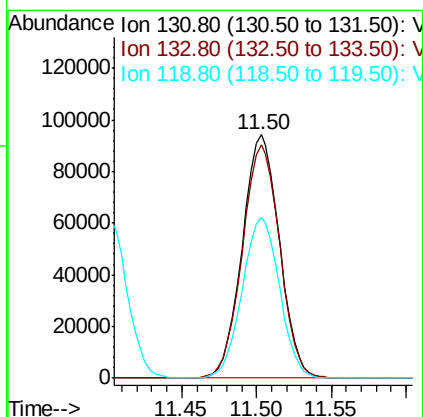
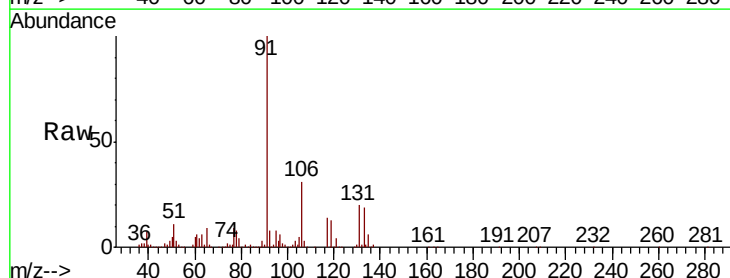
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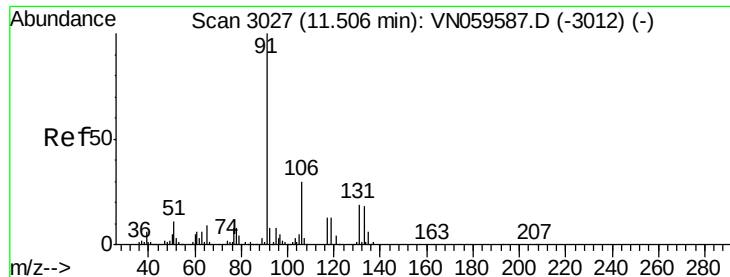
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.355 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

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





#67

Ethyl Benzene

Concen: 58.733 ug/l

RT: 11.51 min Scan# 3027

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 789785

Ion Ratio Lower Upper

91 100

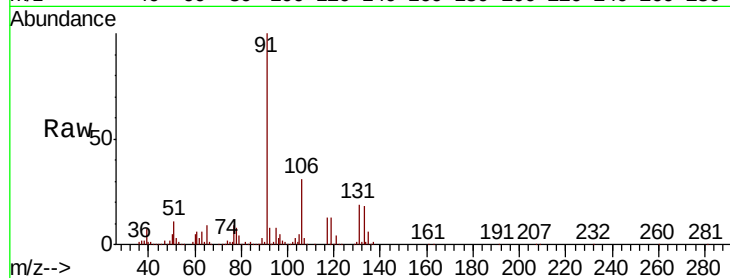
106 30.5 24.1 36.1

Manual Integrations

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

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

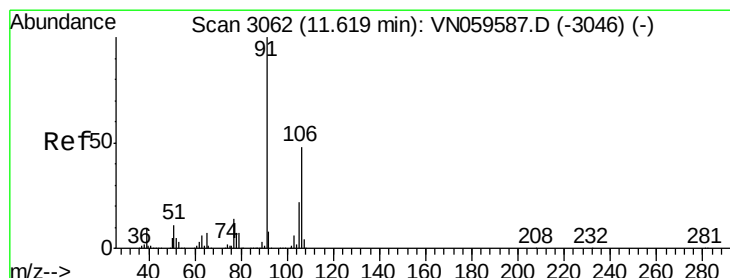
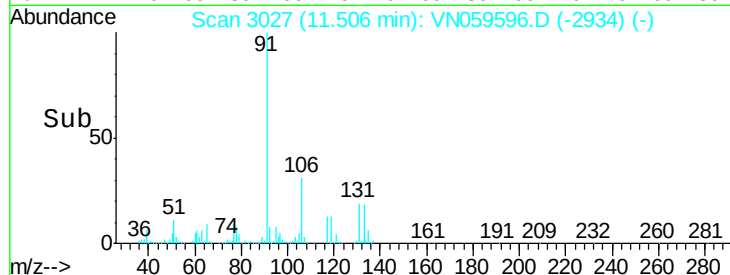
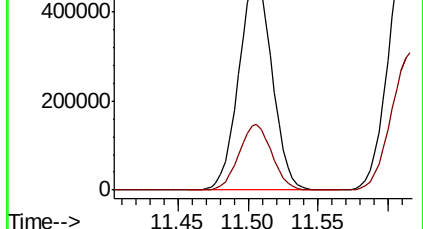
600000

400000

200000

0

11.45 11.50 11.55



#68

m/p-Xylenes

Concen: 117.569 ug/l

RT: 11.62 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VN059596.D

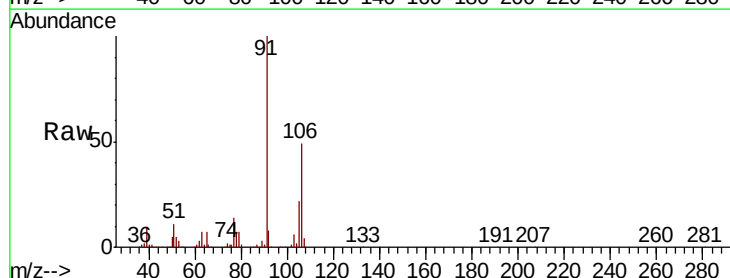
Acq: 16 Dec 2019 12:00

Tgt Ion: 106 Resp: 583796

Ion Ratio Lower Upper

106 100

91 208.2 167.9 251.9



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

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

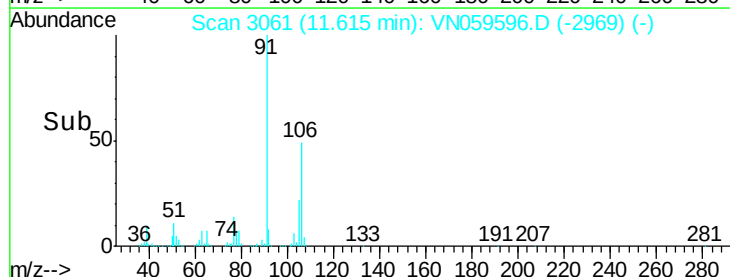
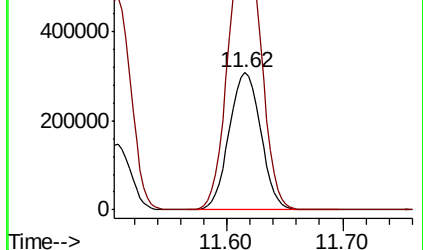
600000

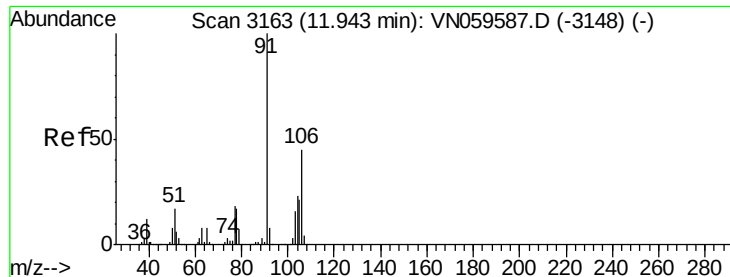
400000

200000

0

11.60 11.70





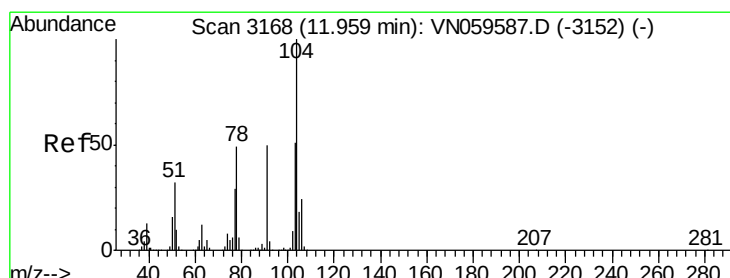
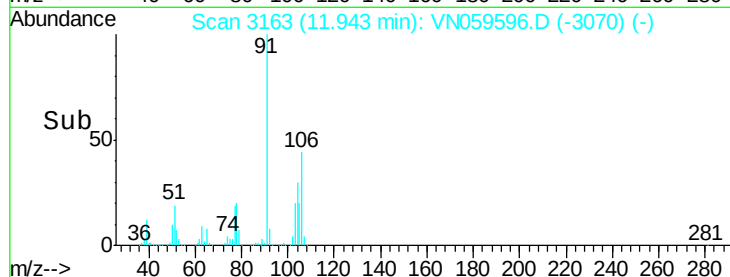
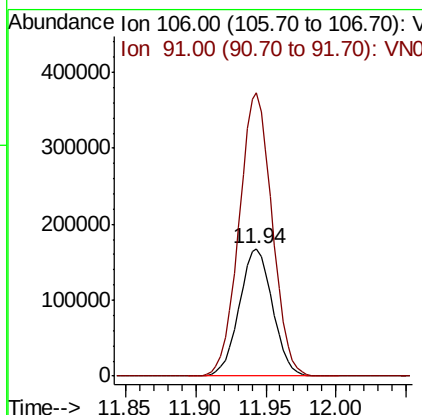
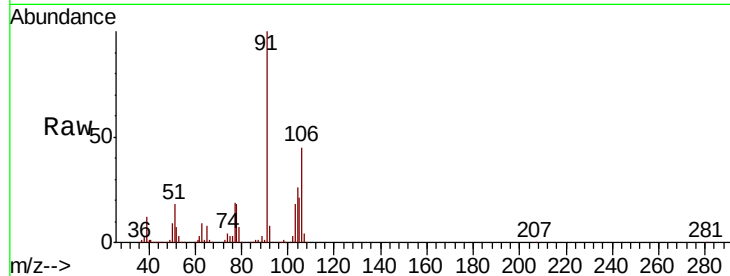
#69
o-Xylene
Concen: 58.853 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
278064	106	100		
	91	220.4	110.3	330.9

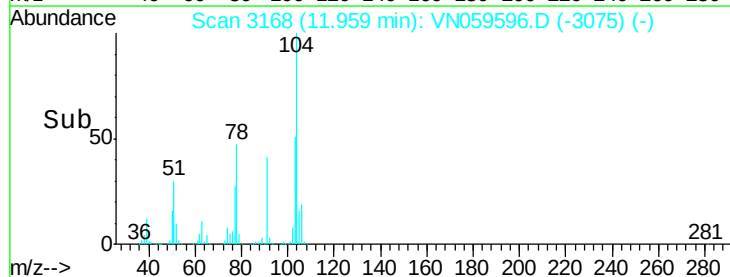
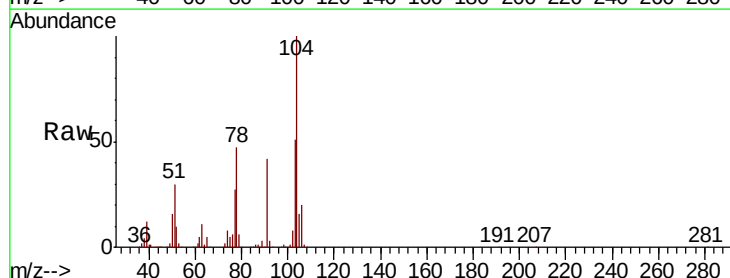
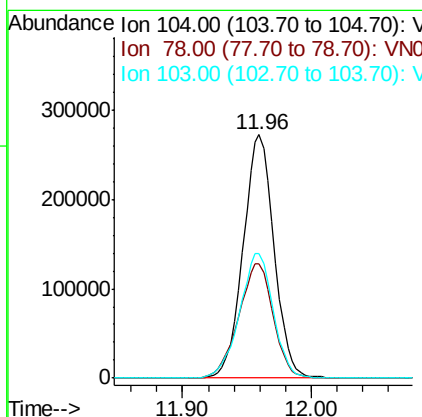
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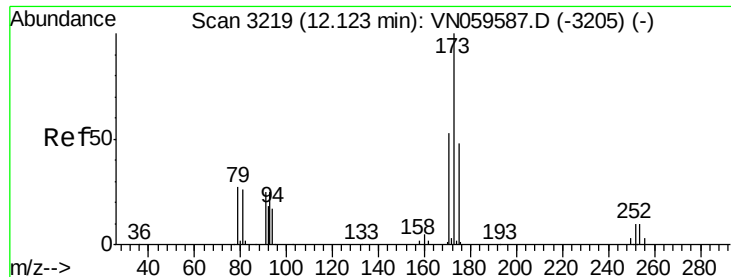
apatel
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#70
Styrene
Concen: 59.862 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

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





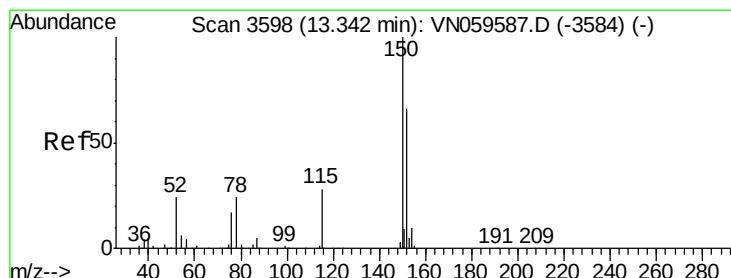
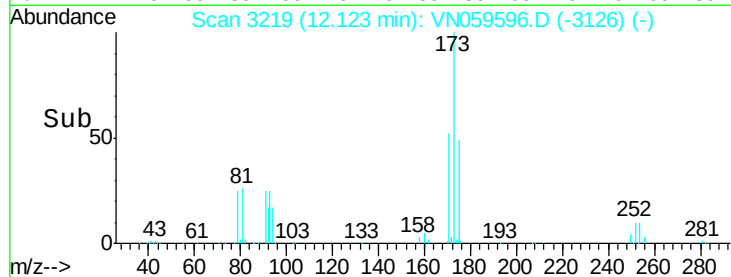
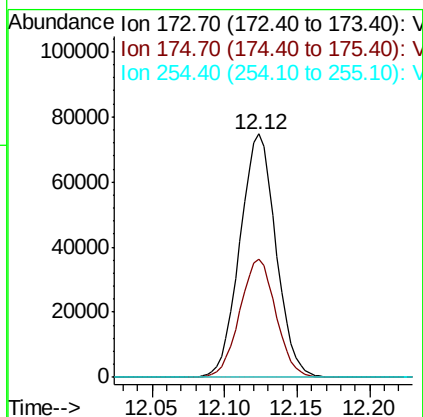
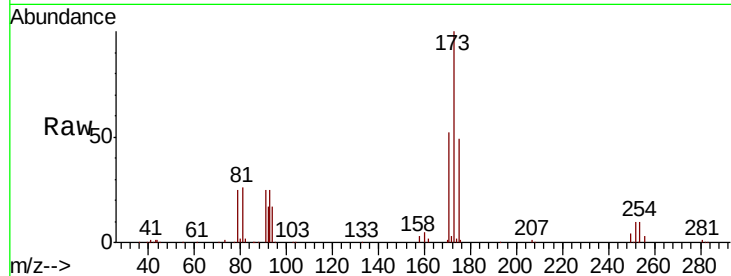
#71
Bromoform
Concen: 60.708 ug/l
RT: 12.12 min Scan# 3219
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	23.8	71.4
254	0.0	0.0	0.0

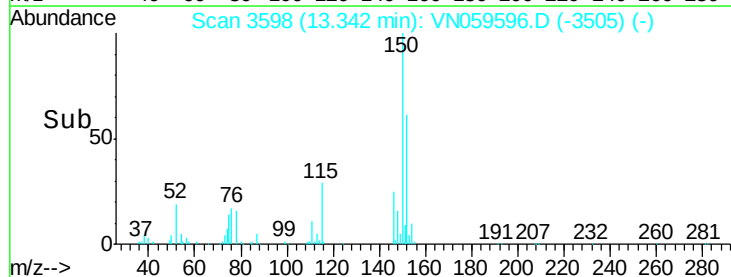
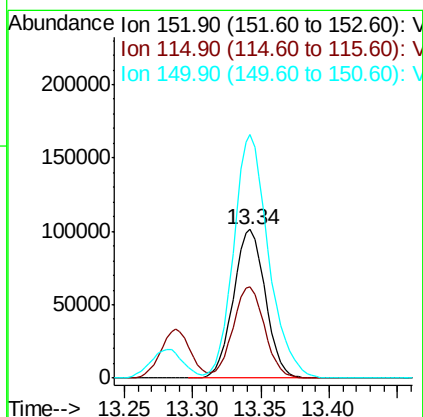
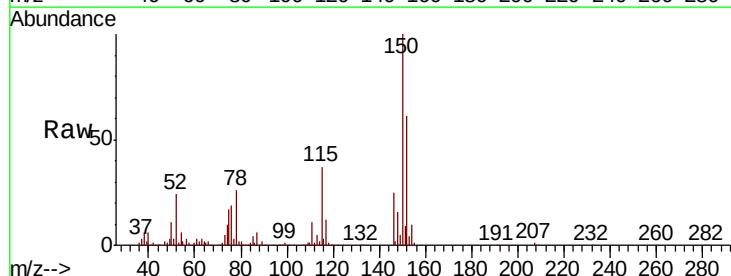
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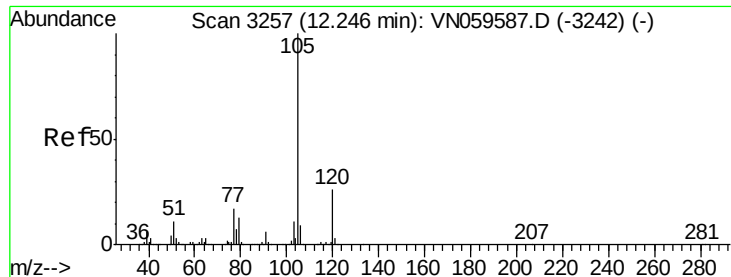
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.7	30.3	90.9
150	177.9	0.0	345.2





#73

Isopropylbenzene

Concen: 58.592 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 758868

Ion Ratio Lower Upper

105 100

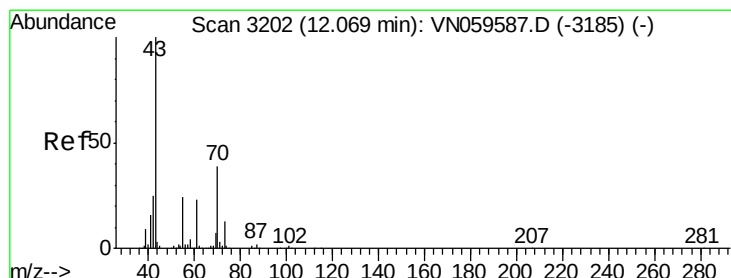
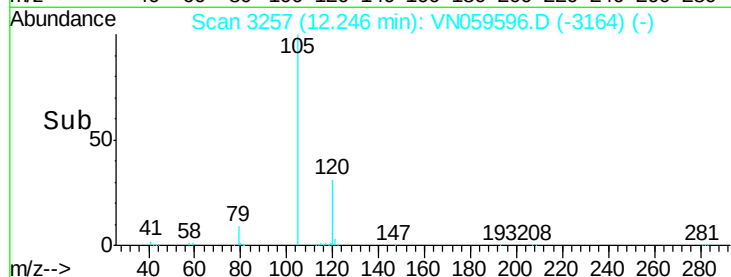
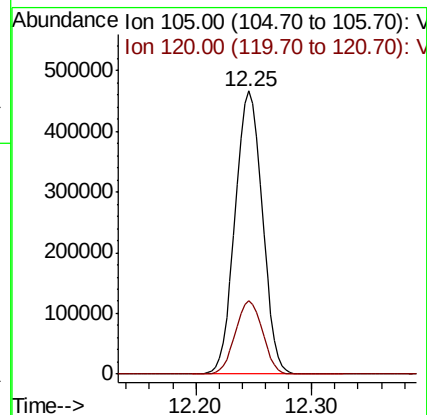
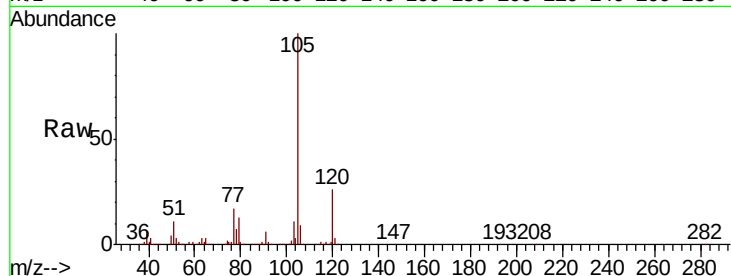
120 25.8 13.2 39.5

Manual Integrations

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#74

N-ethyl acetate

Concen: 59.396 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion: 43 Resp: 352871

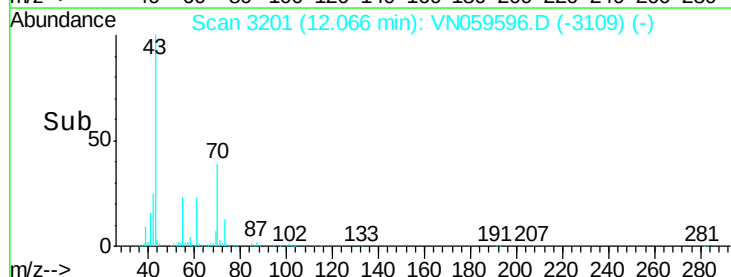
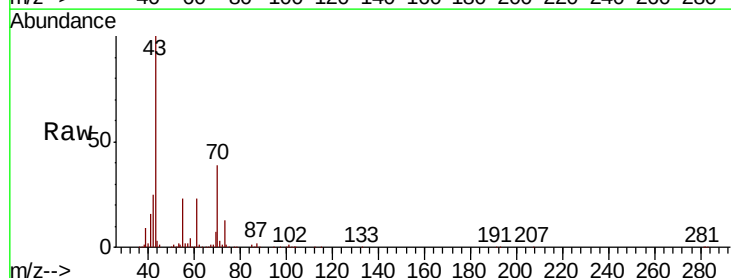
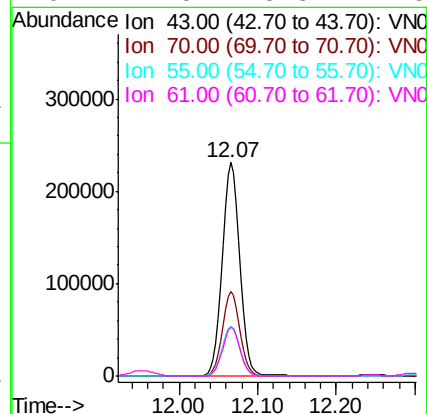
Ion Ratio Lower Upper

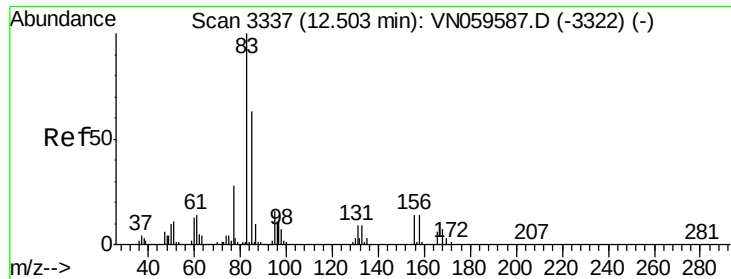
43 100

70 39.6 31.3 46.9

55 24.0 19.8 29.6

61 22.8 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 56.573 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

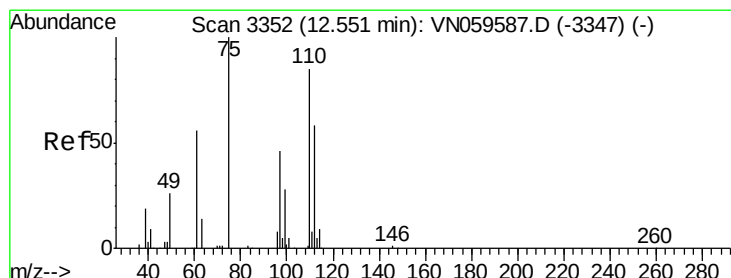
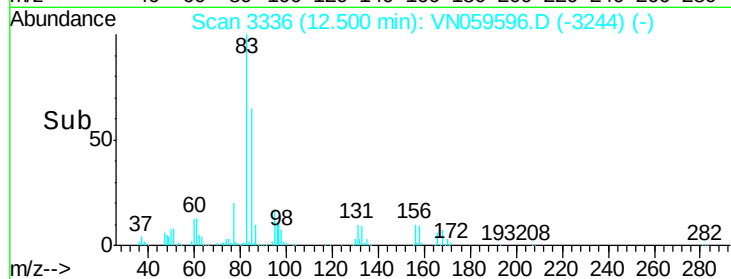
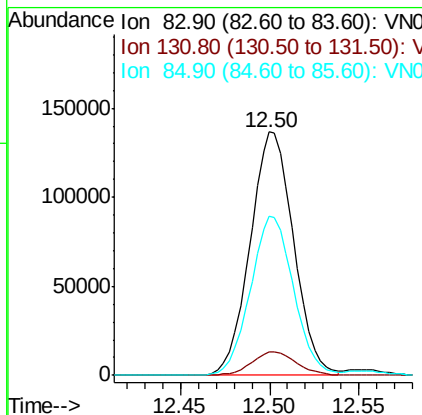
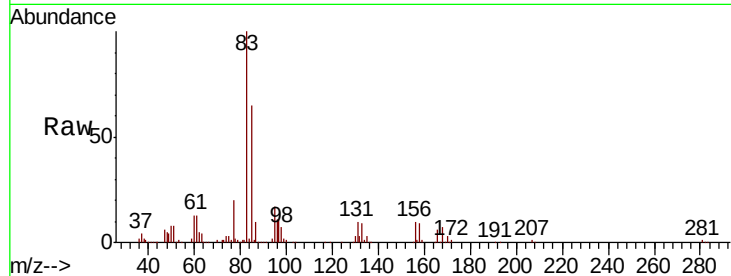
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	232427
Ion Ratio	Lower	Upper	
83	100		
131	9.9	5.0	14.9
85	64.8	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 55.755 ug/l m

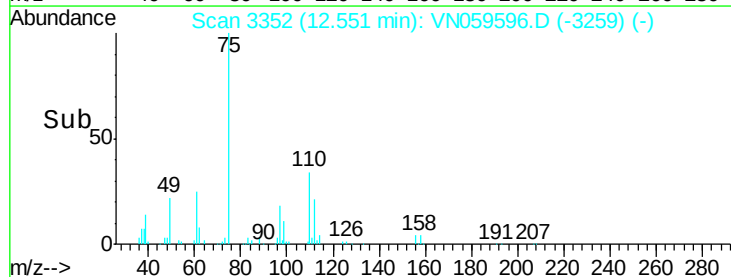
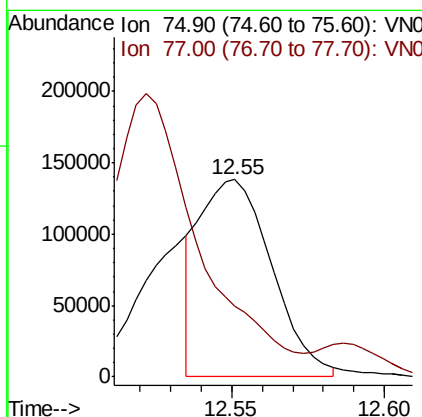
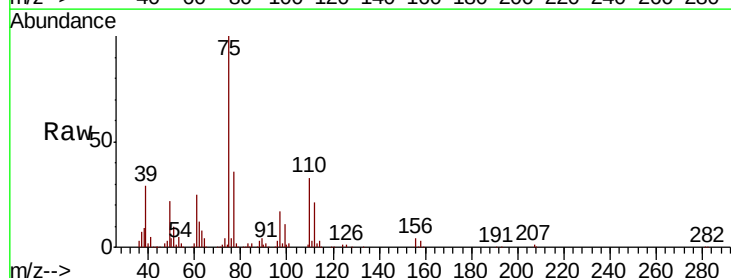
RT: 12.55 min Scan# 3352

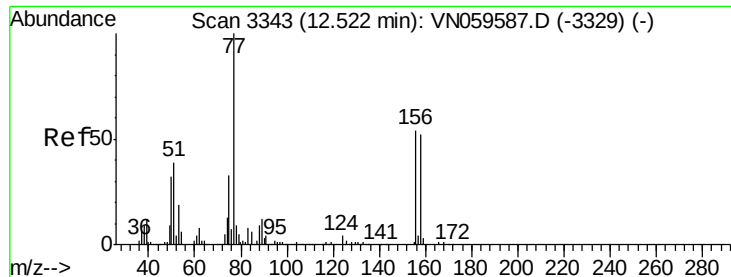
Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion:	75	Resp:	227727
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 55.358 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

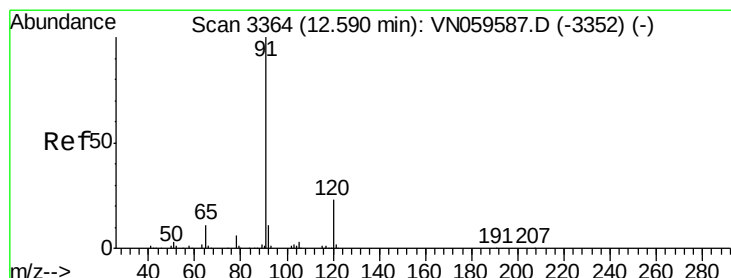
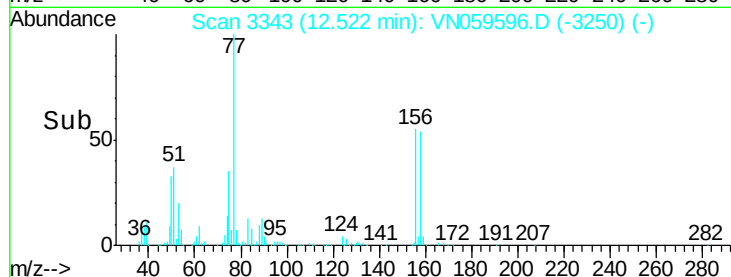
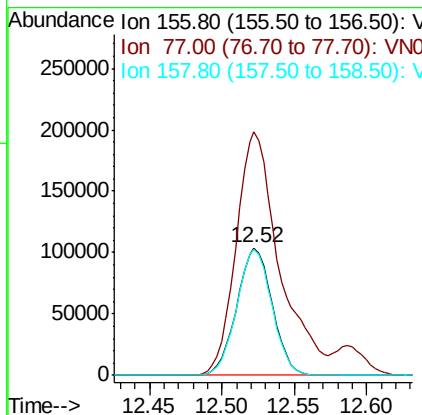
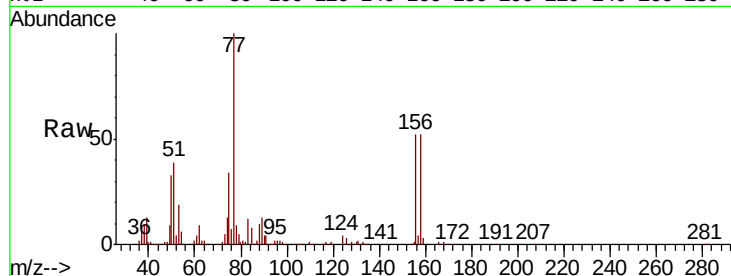
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	233.7	115.8	347.4
158	98.1	49.2	147.6

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#78

n-propylbenzene

Concen: 59.383 ug/l

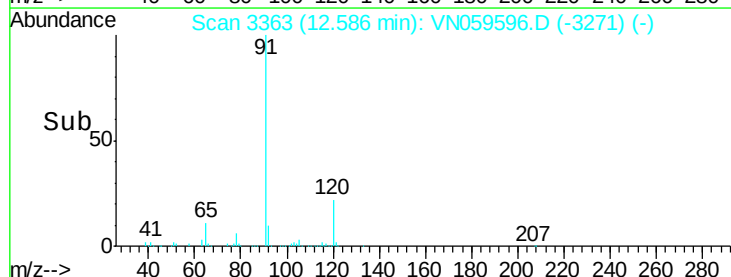
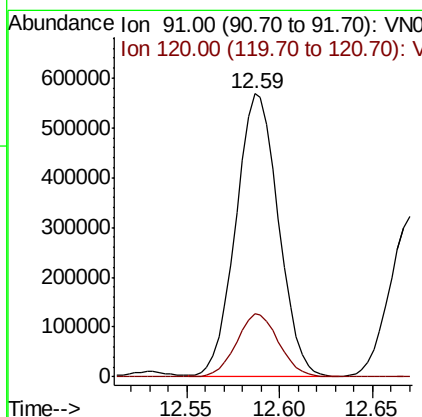
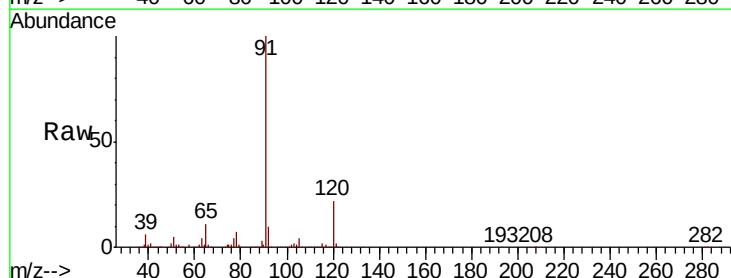
RT: 12.59 min Scan# 3363

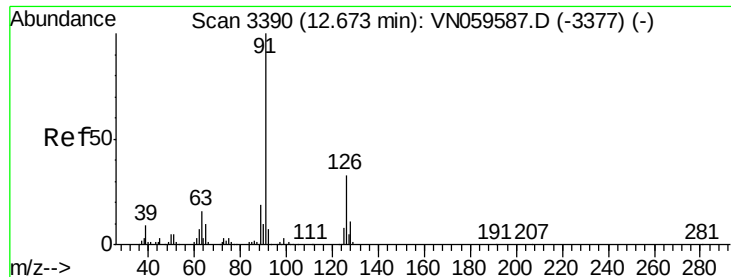
Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





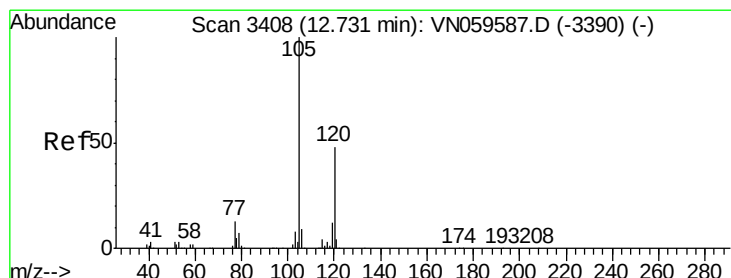
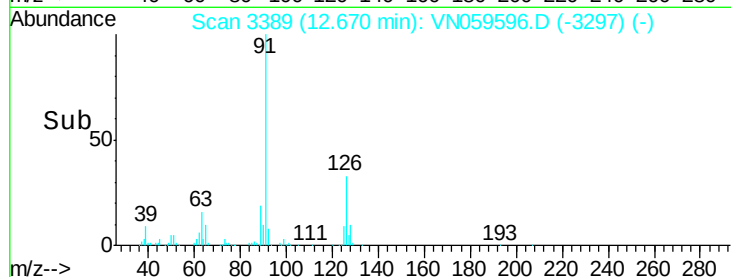
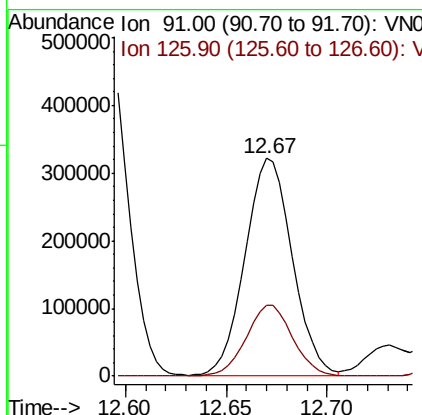
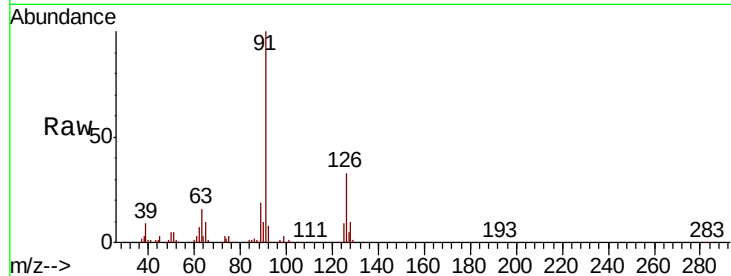
#79
 2-Chlorotoluene
 Concen: 57.220 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 529724
 Ion Ratio Lower Upper
 91 100
 126 32.1 16.3 48.9

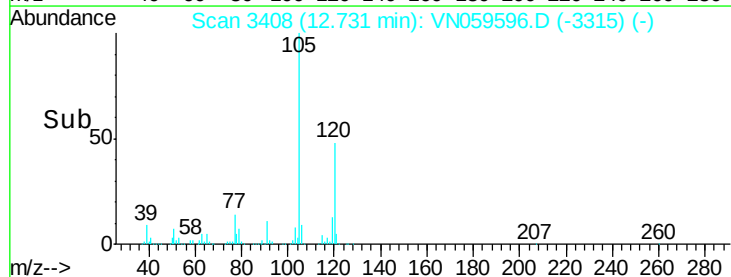
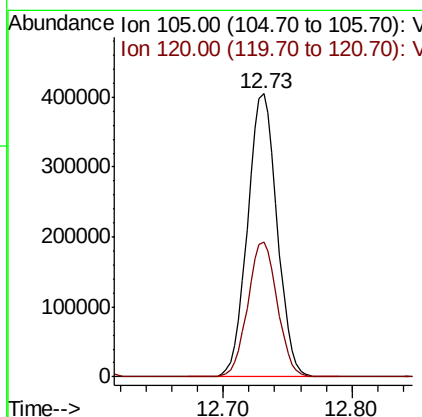
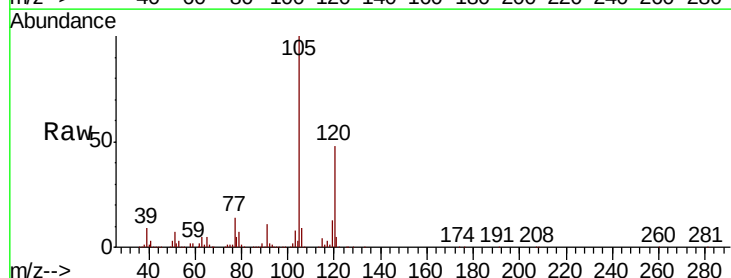
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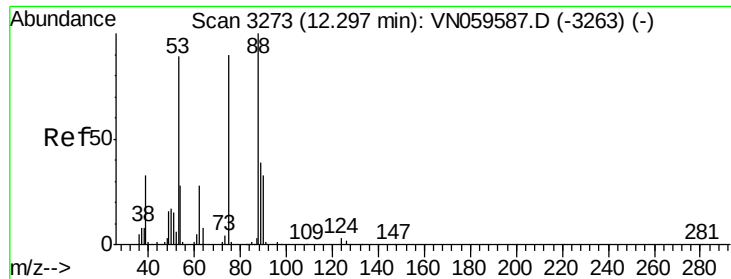
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#80
 1,3,5-Trimethylbenzene
 Concen: 58.623 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion: 105 Resp: 642534
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.1 72.4





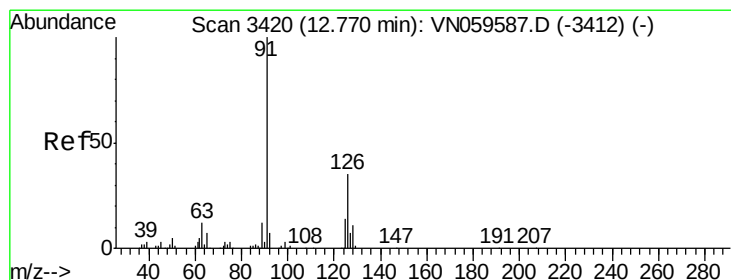
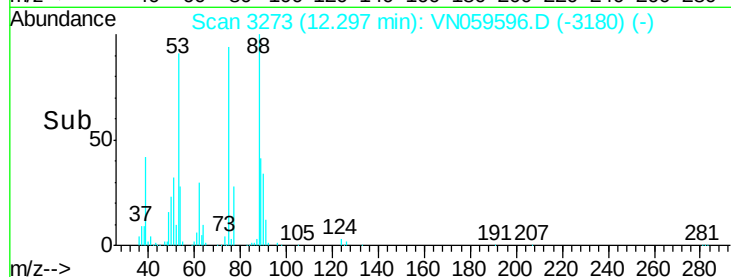
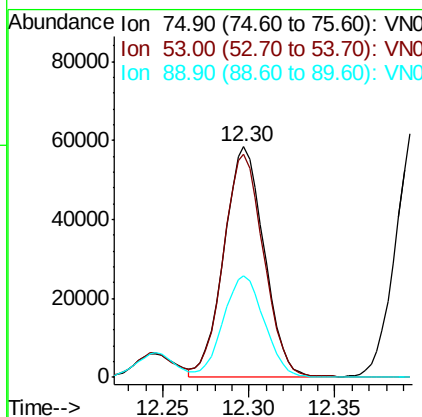
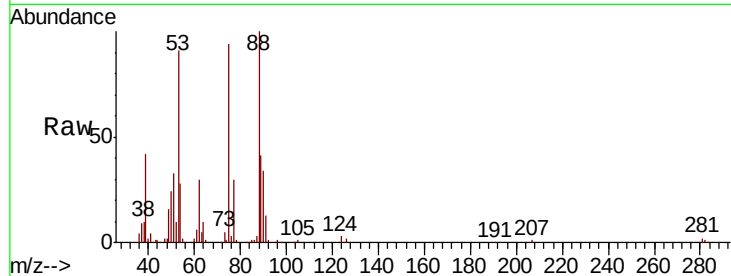
#81
trans-1,4-Dichloro-2-butene
Concen: 56.897 ug/l
RT: 12.30 min Scan# 3273
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.4	78.1	117.1
89	45.5	35.4	53.2

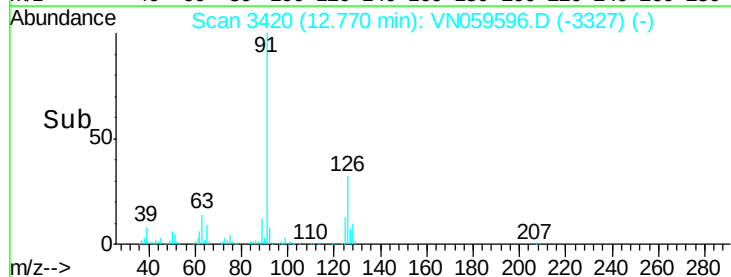
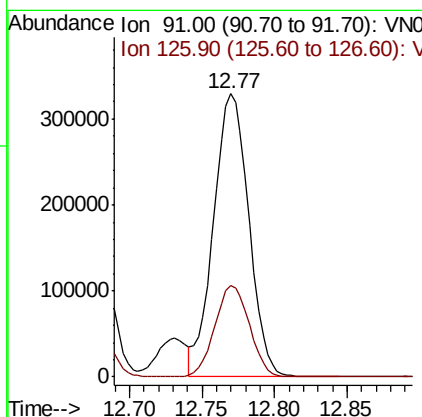
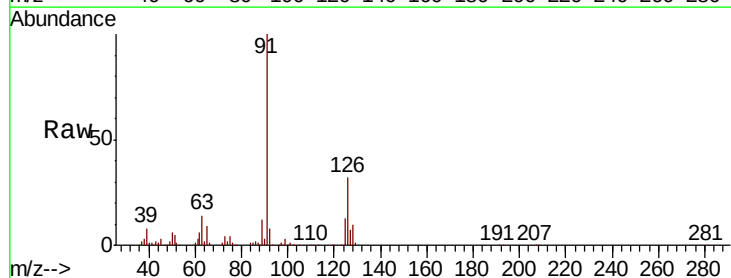
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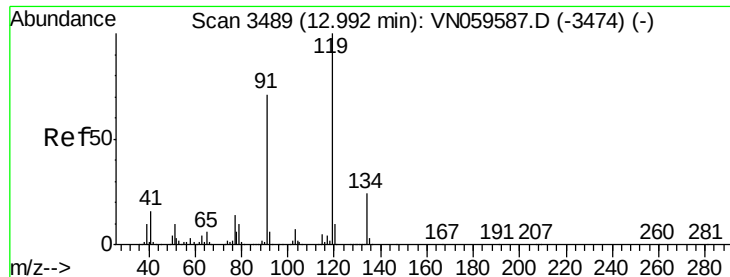
apatel
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#82
4-Chlorotoluene
Concen: 58.331 ug/l
RT: 12.77 min Scan# 3420
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.8	16.3	48.8





#83

tert-Butylbenzene

Concen: 57.647 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

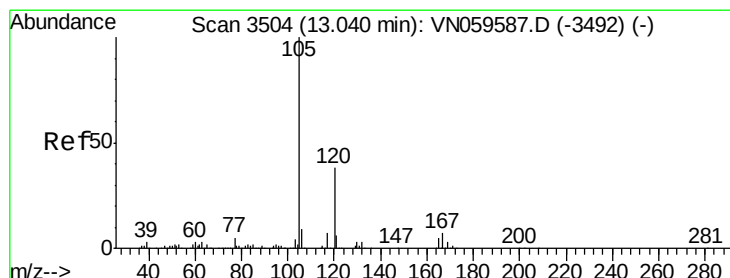
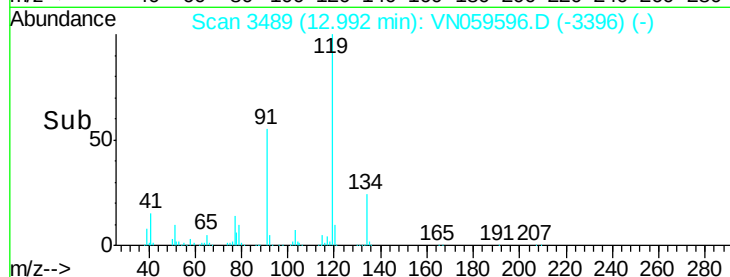
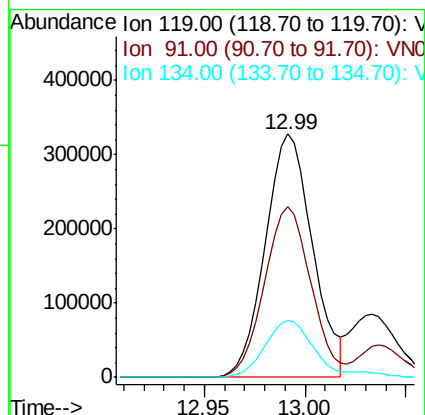
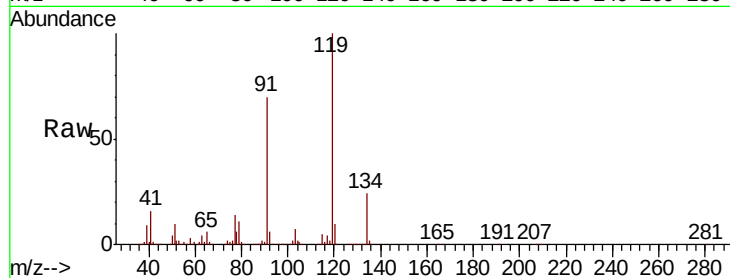
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	535073
Ion Ratio	Lower	Upper	
119	100		
91	69.0	34.8	104.4
134	25.1	12.3	36.9

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 59.404 ug/l

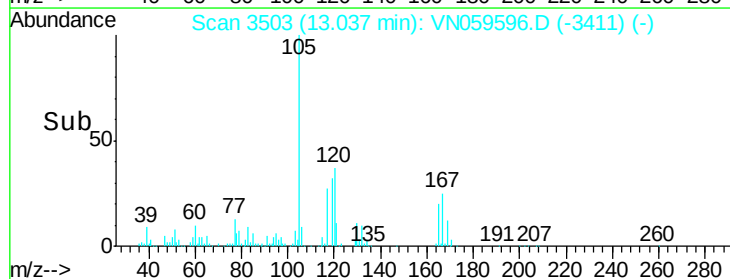
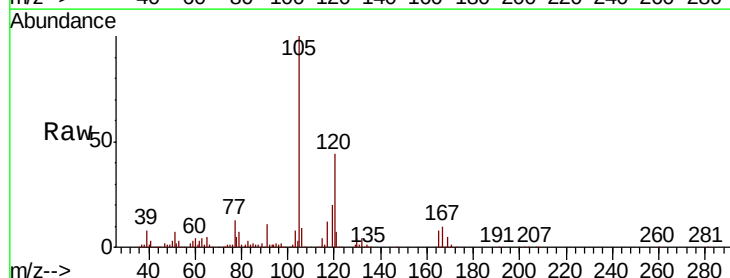
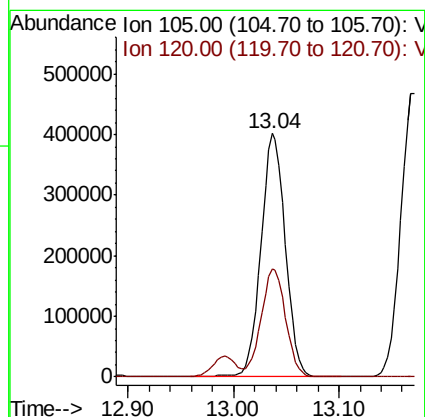
RT: 13.04 min Scan# 3503

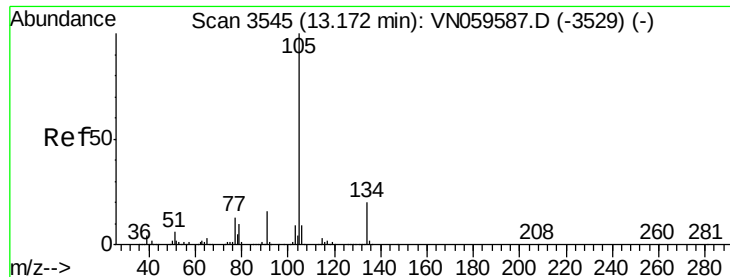
Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion:	105	Resp:	647411
Ion Ratio	Lower	Upper	
105	100		
120	44.7	22.3	66.9





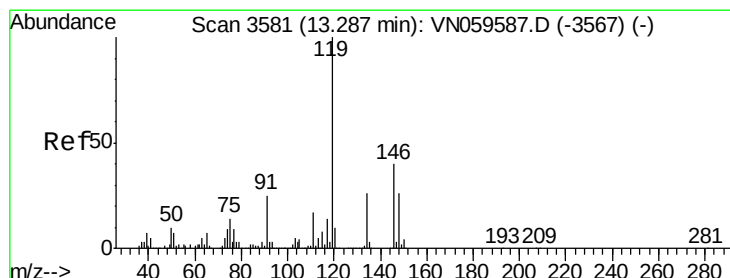
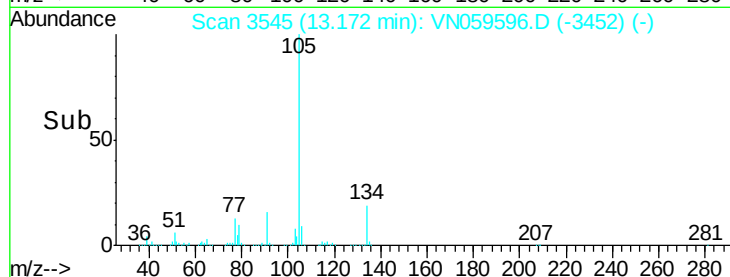
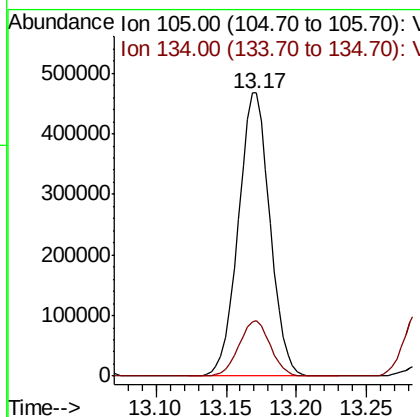
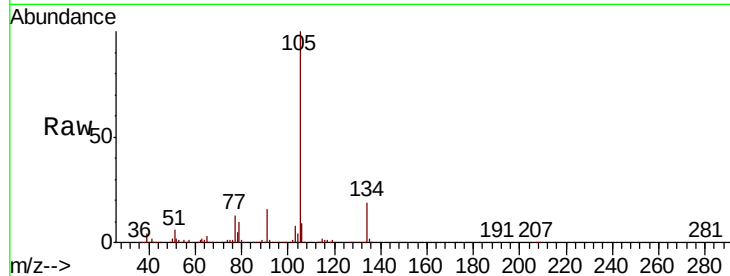
#85
 sec-Butylbenzene
 Concen: 59.280 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.5	9.8	29.5

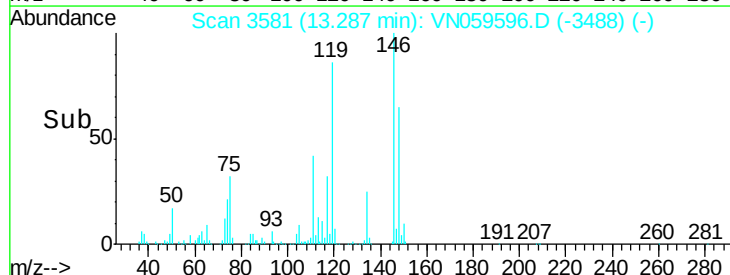
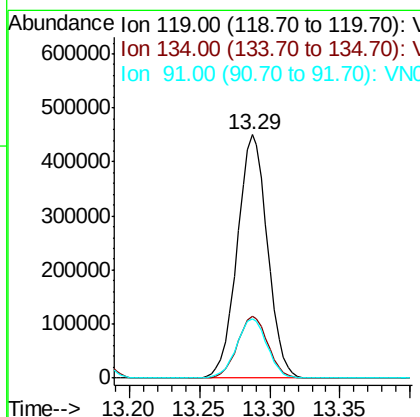
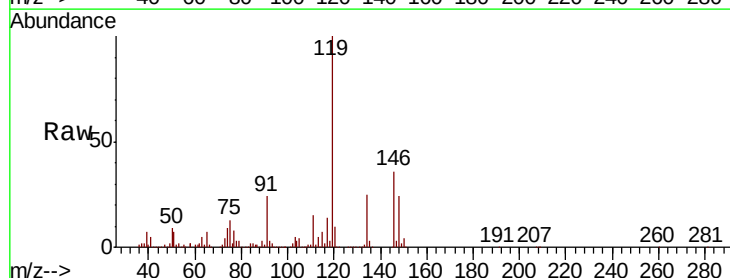
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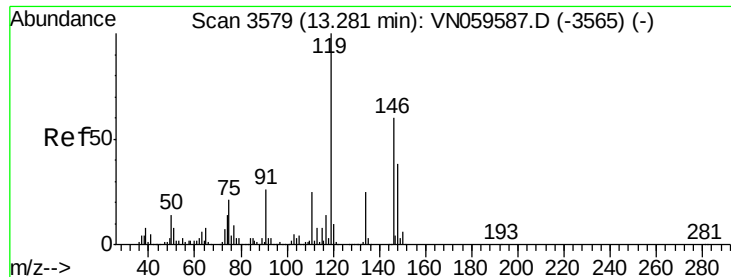
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#86
 p-Isopropyltoluene
 Concen: 60.155 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.6	12.9	38.7
91	24.7	12.4	37.4





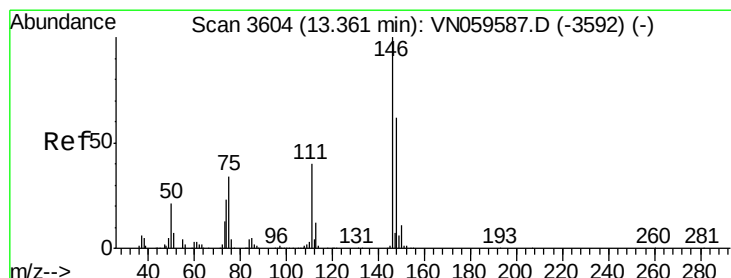
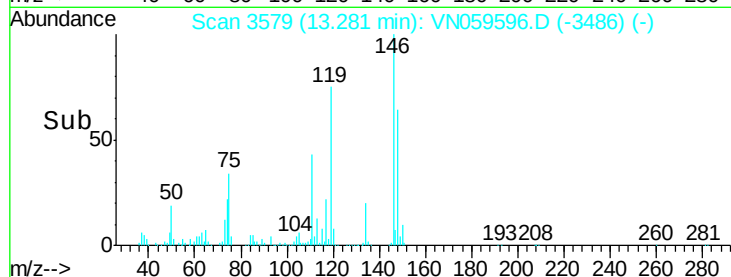
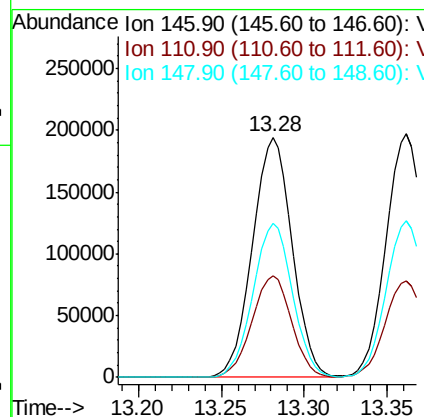
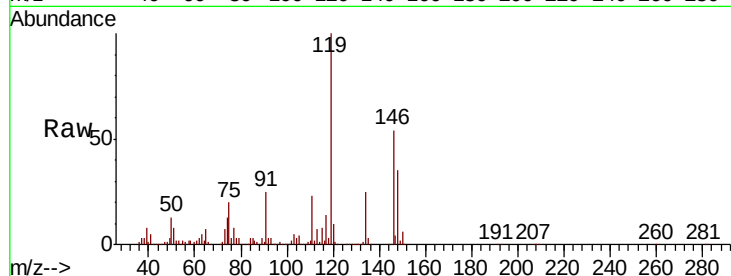
#87
 1,3-Dichlorobenzene
 Concen: 55.410 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.8	62.2
148	63.8	32.0	96.0

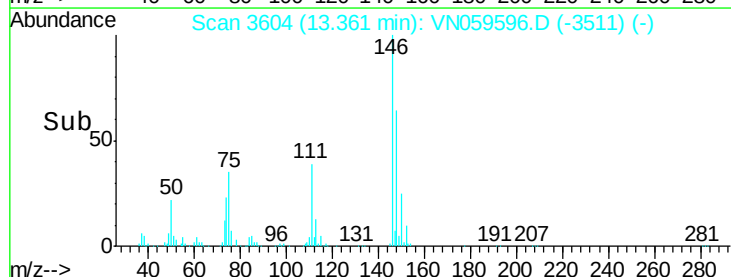
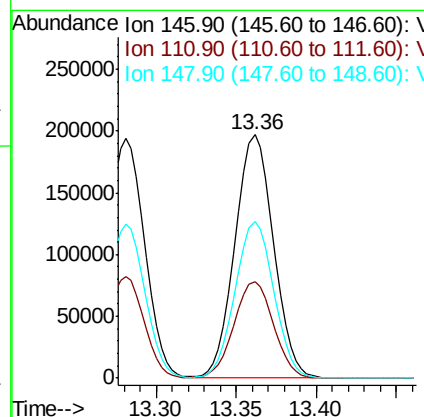
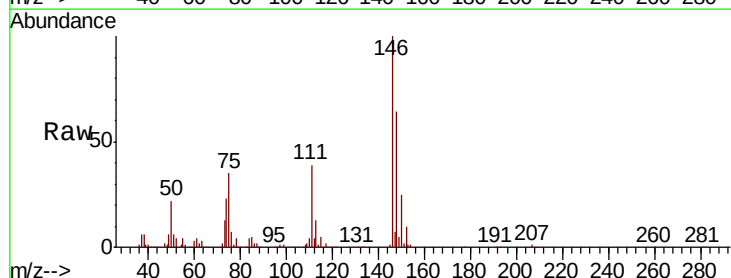
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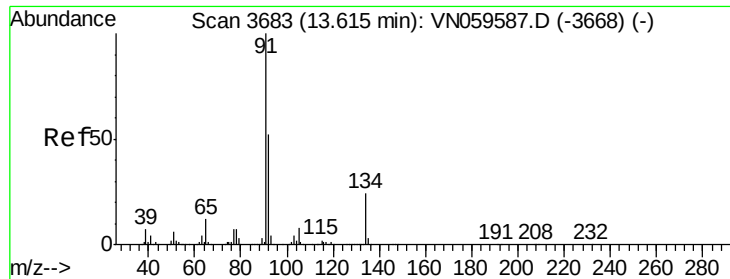
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#88
 1,4-Dichlorobenzene
 Concen: 54.699 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.8	62.2
148	64.5	31.8	95.4





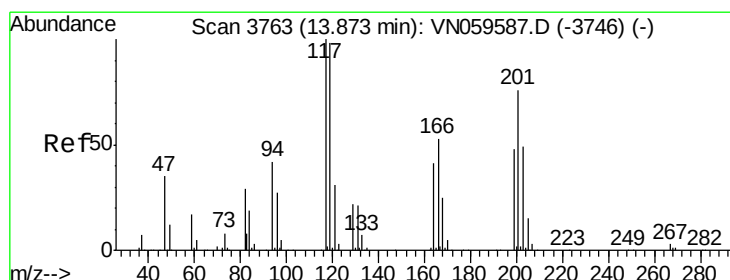
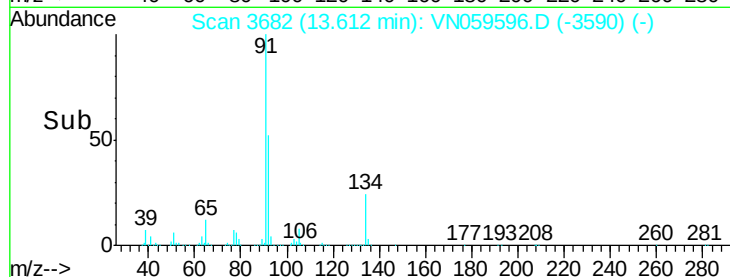
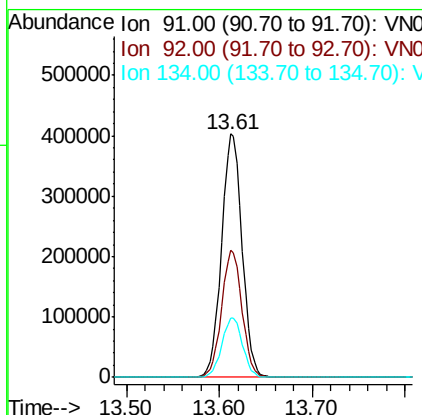
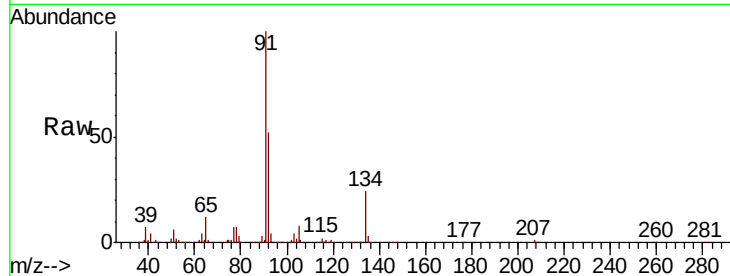
#89
n-Butylbenzene
Concen: 58.905 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	25.9	77.7
134	24.8	12.3	36.8

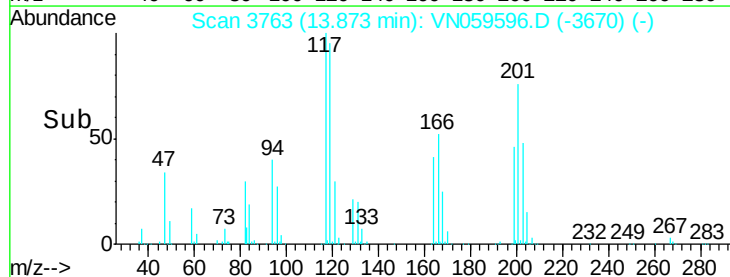
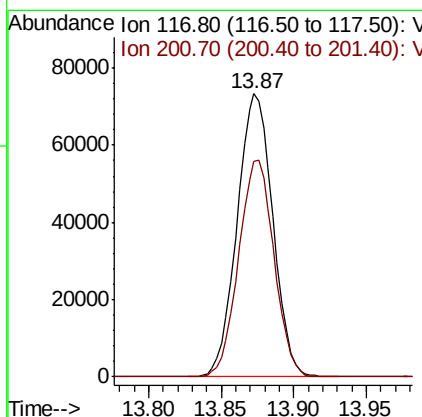
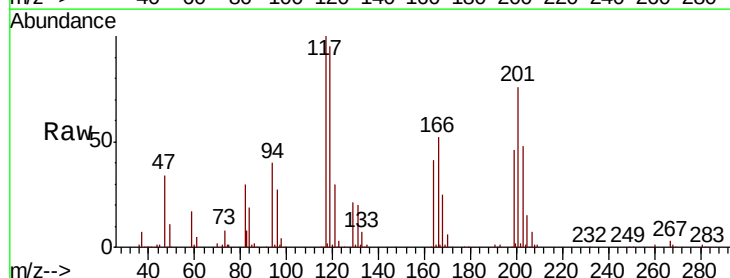
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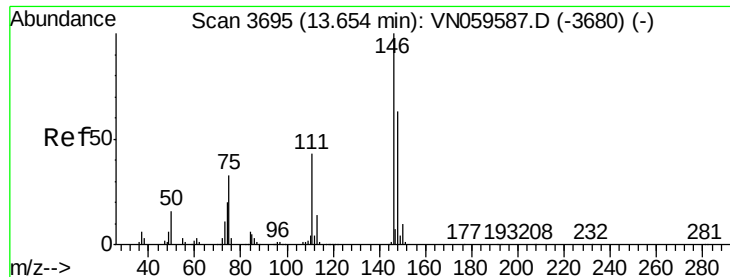
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#90
Hexachloroethane
Concen: 59.340 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	37.8	113.4





#91

1,2-Dichlorobenzene

Concen: 55.165 ug/l

RT: 13.65 min Scan# 3694

Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Instrument :

MSVOA_N

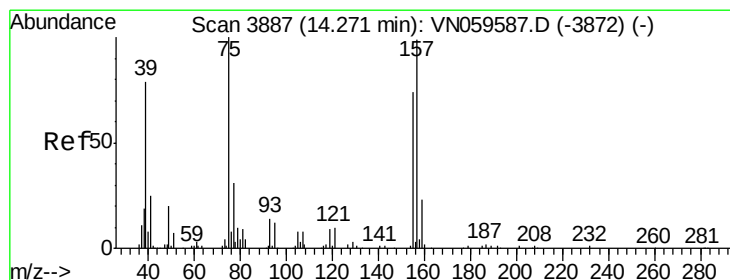
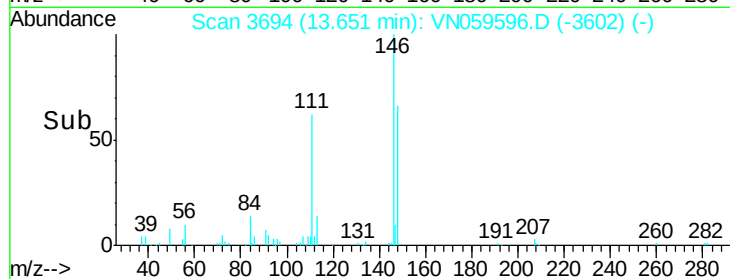
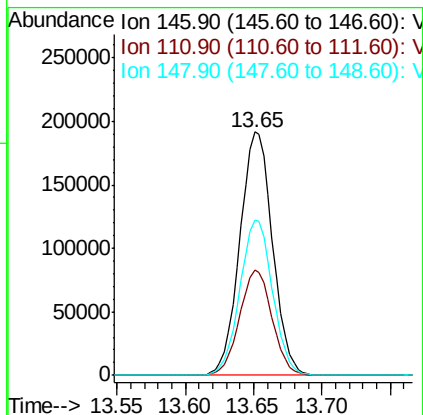
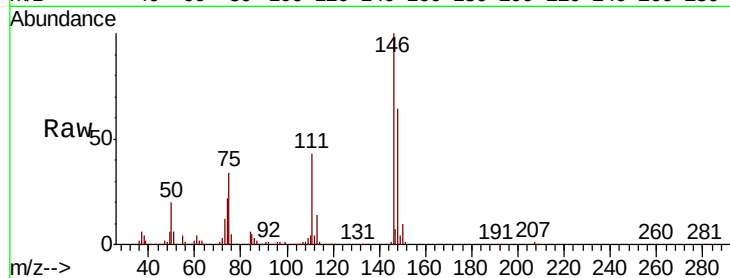
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	318640
Ion Ratio		Lower	Upper
146	100		
111	43.0	21.6	64.8
148	63.9	31.6	95.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.486 ug/l

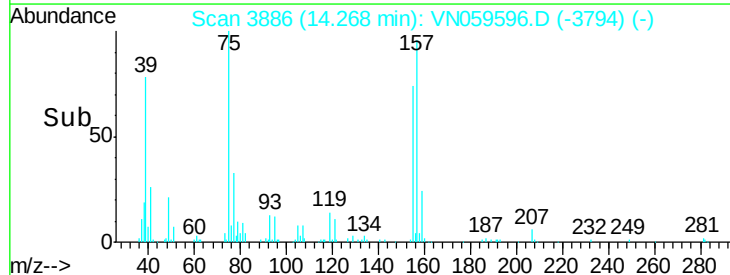
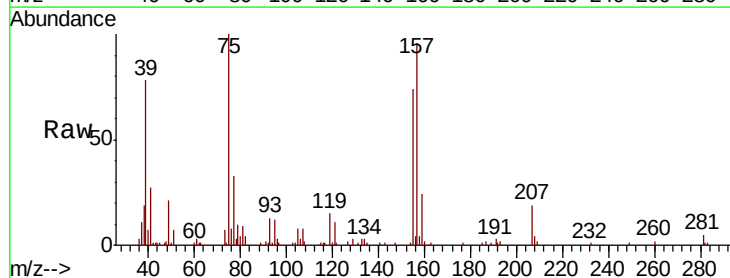
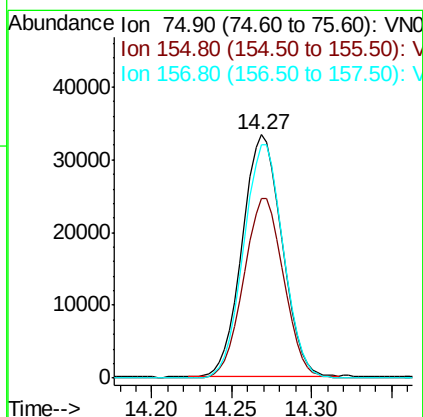
RT: 14.27 min Scan# 3886

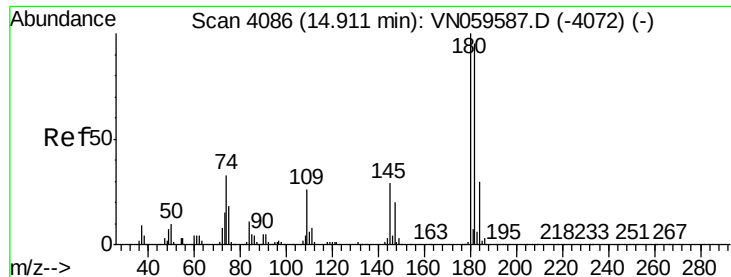
Delta R.T. -0.00 min

Lab File: VN059596.D

Acq: 16 Dec 2019 12:00

Tgt Ion:	75	Resp:	56235
Ion Ratio		Lower	Upper
75	100		
155	75.2	37.0	110.9
157	96.7	48.4	145.2





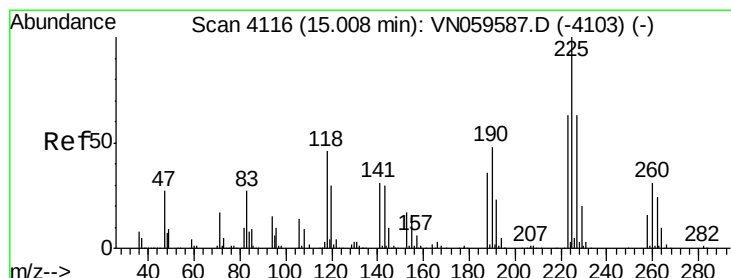
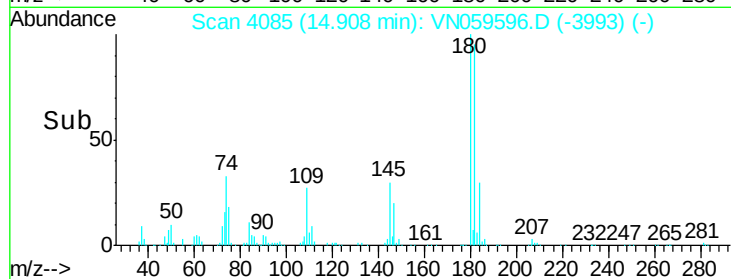
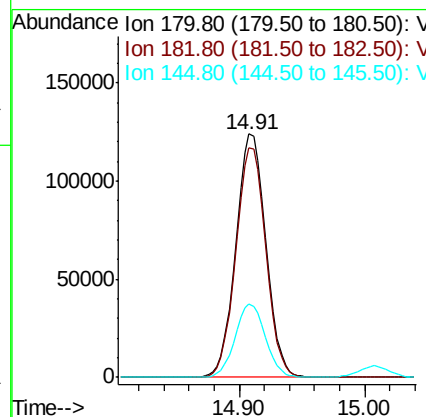
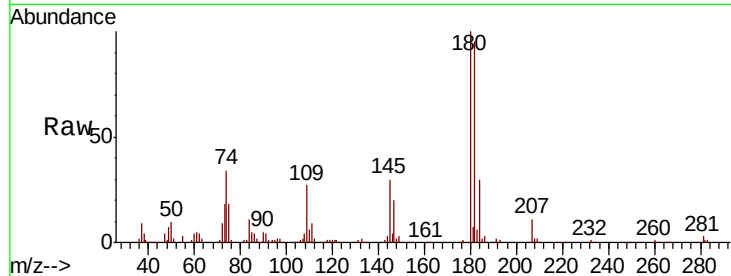
#93
 1,2,4-Trichlorobenzene
 Concen: 55.251 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. -0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

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

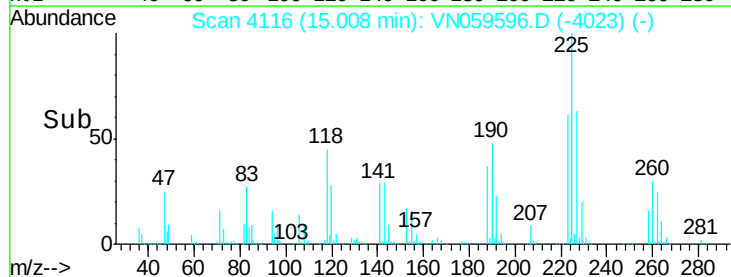
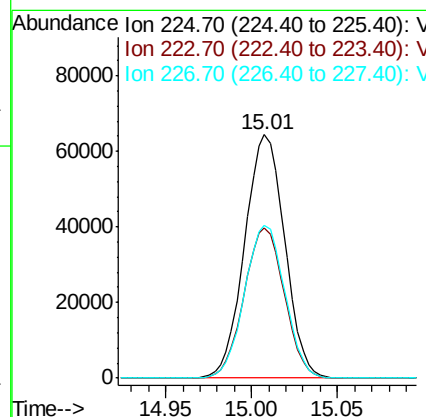
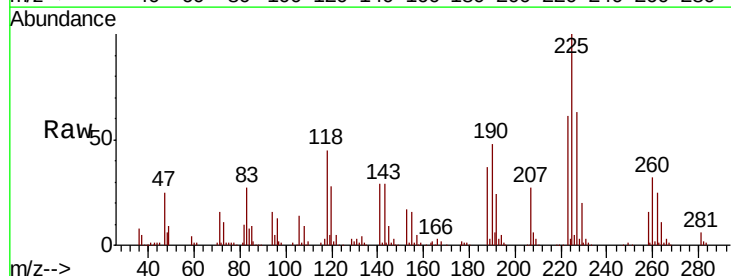
Manual Integrations
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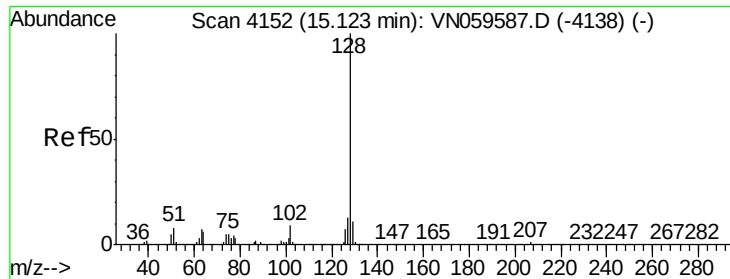
apatel
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#94
 Hexachlorobutadiene
 Concen: 53.622 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. 0.00 min
 Lab File: VN059596.D
 Acq: 16 Dec 2019 12:00

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





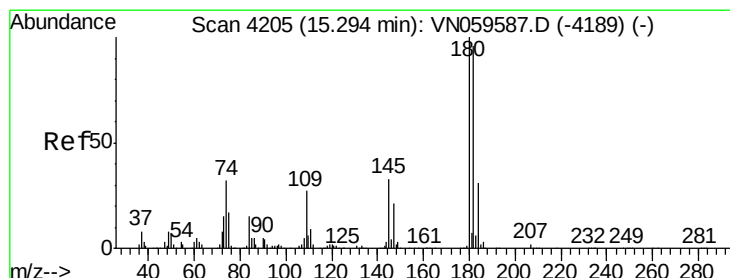
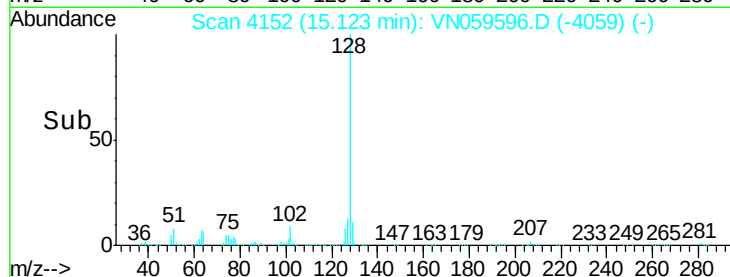
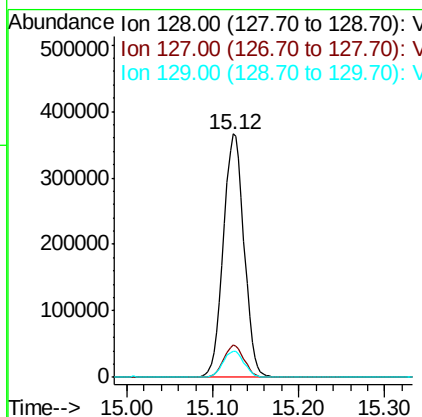
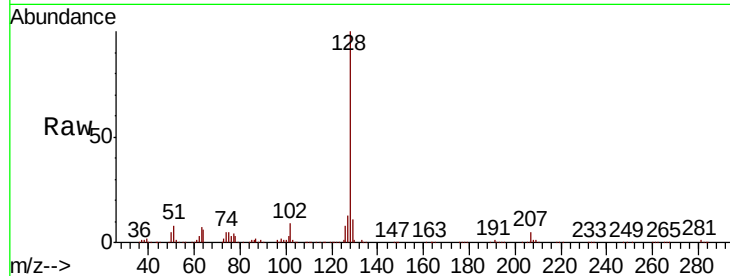
#95
Naphthalene
Concen: 55.068 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.9	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 53.448 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN059596.D
Acq: 16 Dec 2019 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.4	142.3
145	32.1	16.3	48.9

