

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120621\
 Data File : VX025550.D
 Acq On : 06 Dec 2021 15:42
 Operator : JC/MD
 Sample : M4923-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE120D2-20211201

Quant Time: Dec 07 06:00:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 15:36:16 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

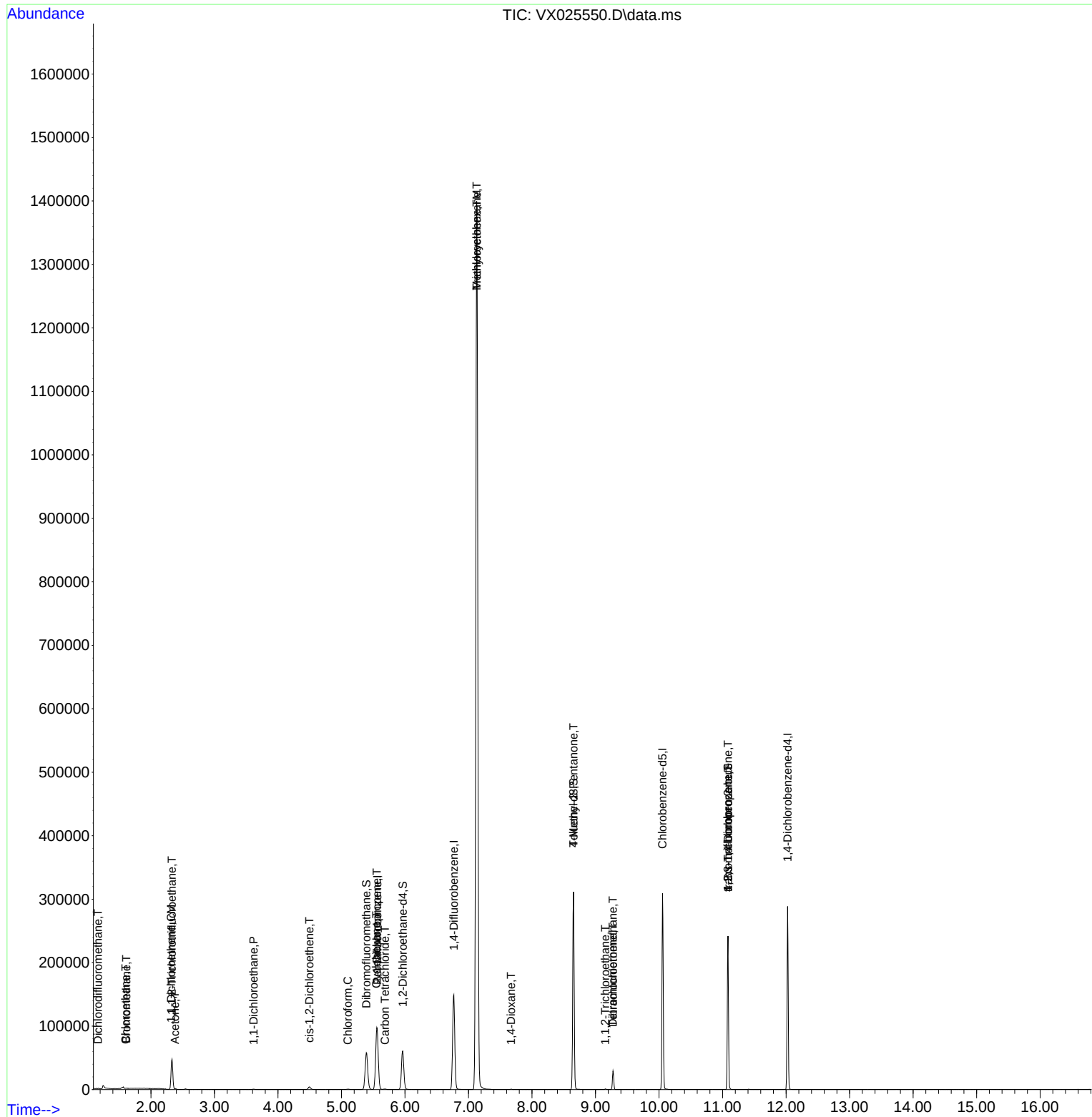
Internal Standards						
1) Pentafluorobenzene	5.562	168	97422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	160542	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143916	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60198	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	57441	55.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 111.880%			
35) Dibromofluoromethane	5.391	113	49937	50.696	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.400%			
50) Toluene-d8	8.653	98	186262	50.292	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.580%			
62) 4-Bromofluorobenzene	11.085	95	62703	44.752	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	260	0.308	ug/l	89
5) Bromomethane	1.611	94	133	0.269	ug/l	81
6) Chloroethane	1.599	64	162	0.205	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	17598	19.410	ug/l	99
12) 1,1-Dichloroethene	2.319	96	2117	2.345	ug/l	82
16) Acetone	2.380	43	1094	1.917	ug/l #	88
24) 1,1-Dichloroethane	3.617	63	736	0.433	ug/l #	83
27) cis-1,2-Dichloroethene	4.495	96	2754	2.384	ug/l	86
30) Chloroform	5.099	83	805	0.455	ug/l	86
31) Cyclohexane	5.550	56	1919	1.209	ug/l #	16
36) 1,1-Dichloropropene	5.556	75	6875	4.908	ug/l #	49
38) Carbon Tetrachloride	5.684	117	715	0.463	ug/l #	69
39) Methylcyclohexane	7.129	83	5966	3.321	ug/l #	1
44) Trichloroethene	7.129	130	554669	450.000	ug/l	95
49) 1,4-Dioxane	7.671	88	387	14.723	ug/l #	80
51) 4-Methyl-2-Pentanone	8.653	43	836	0.503	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	277	0.252	ug/l #	86
60) Dibromochloromethane	9.275	129	4948	3.905	ug/l #	11
64) Tetrachloroethene	9.275	164	5678	4.785	ug/l #	86
76) 1,2,3-Trichloropropane	11.085	75	30682	24.889	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	30682	62.701	ug/l #	9

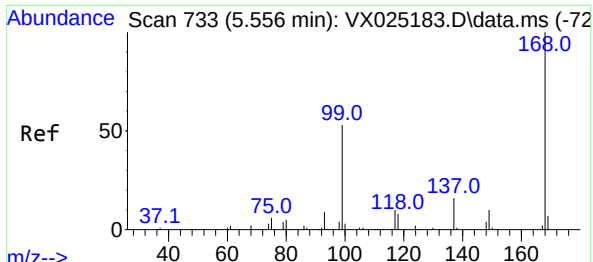
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX025550.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

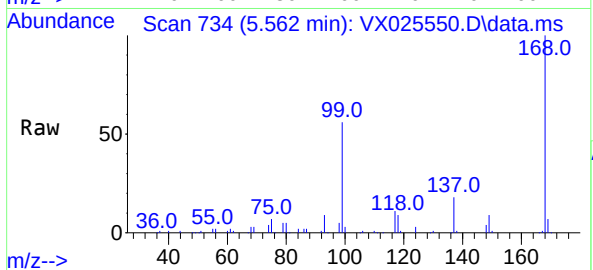
Quant Time: Dec 07 06:00:38 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 17 15:36:16 2021
Response via : Initial Calibration



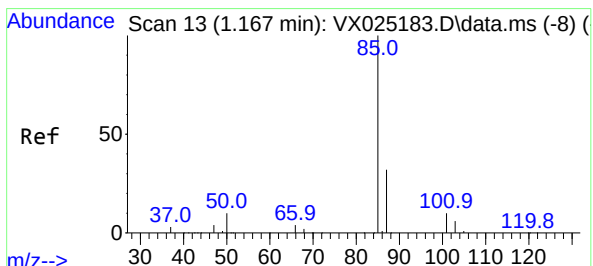
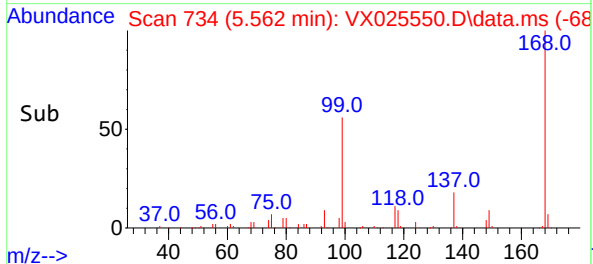
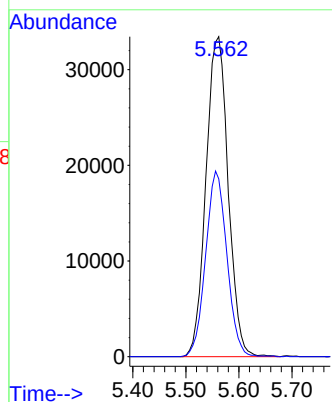


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Instrument :
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ClientSampleId :
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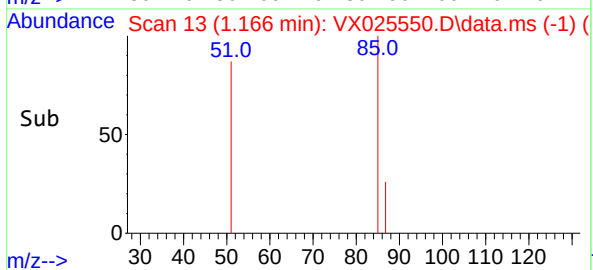
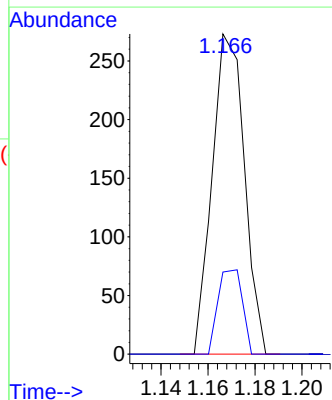
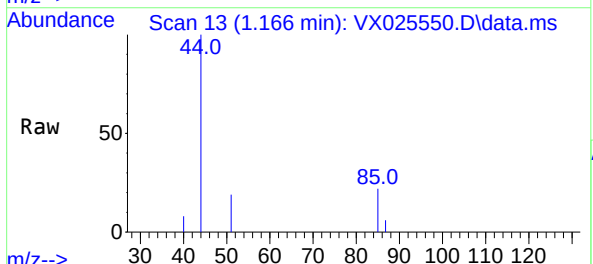


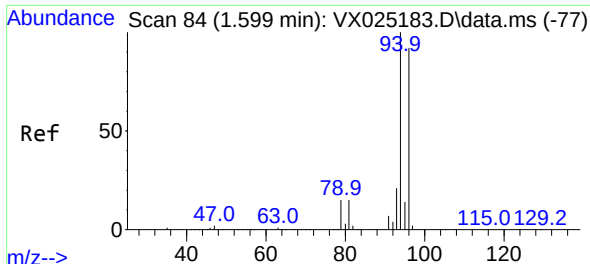
Tgt Ion:168 Resp: 97422
Ion Ratio Lower Upper
168 100
99 55.5 46.4 69.6



#2
Dichlorodifluoromethane
Concen: 0.308 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 85 Resp: 260
Ion Ratio Lower Upper
85 100
87 25.6 16.0 47.9

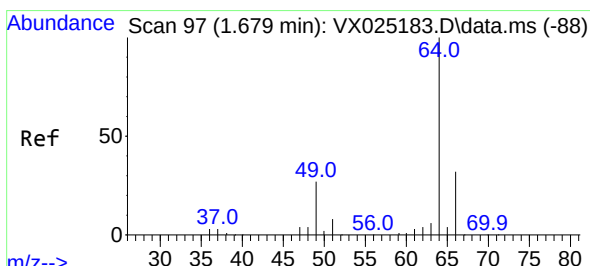
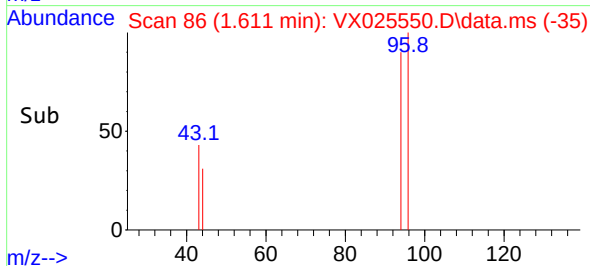
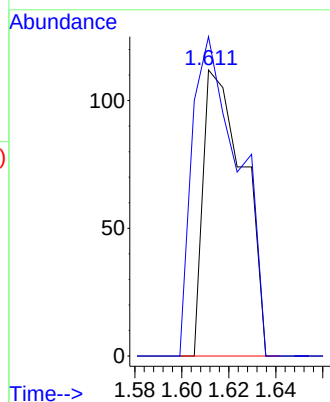
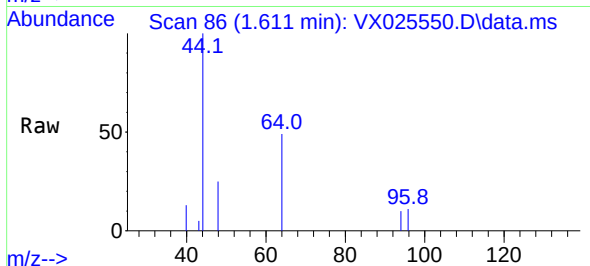




#5
Bromomethane
Concen: 0.269 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.012 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

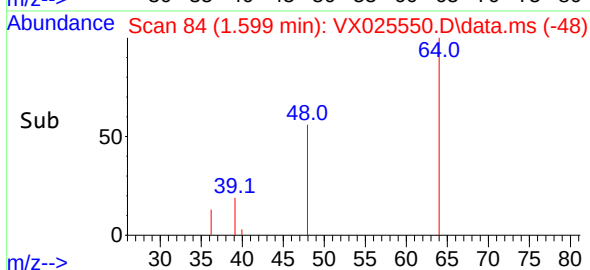
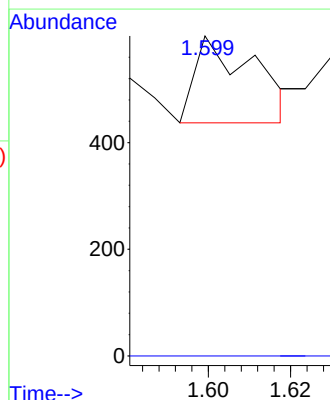
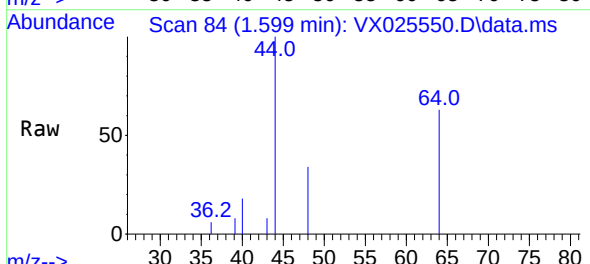
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

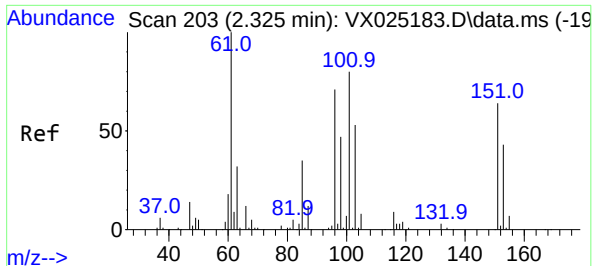
Tgt Ion: 94 Resp: 133
Ion Ratio Lower Upper
94 100
96 111.6 74.8 112.2



#6
Chloroethane
Concen: 0.205 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.080 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 64 Resp: 162
Ion Ratio Lower Upper
64 100
66 0.0 25.6 38.4

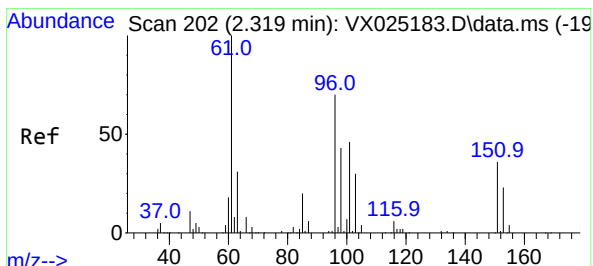
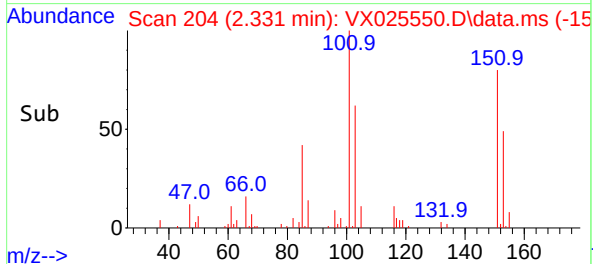
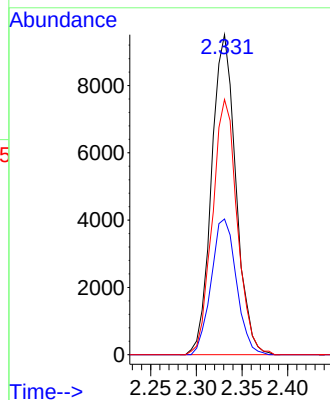
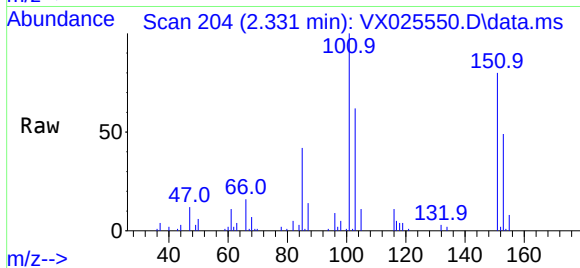




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.410 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

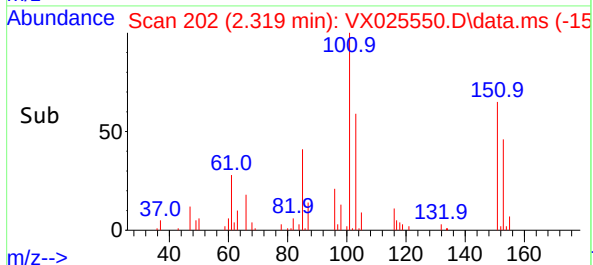
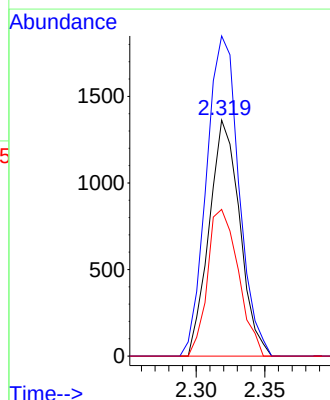
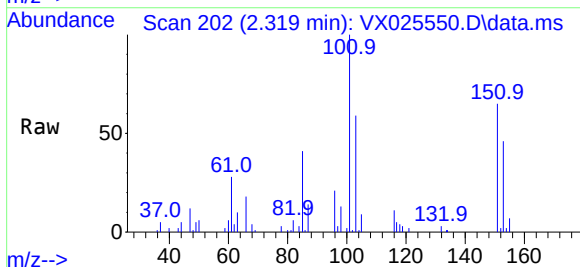
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

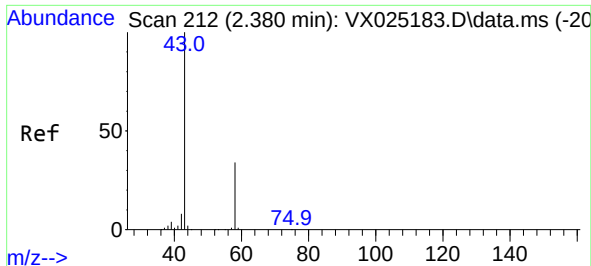
Tgt Ion:101 Resp: 17598
Ion Ratio Lower Upper
101 100
85 43.9 35.9 53.9
151 81.3 64.4 96.6



#12
1,1-Dichloroethene
Concen: 2.345 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 96 Resp: 2117
Ion Ratio Lower Upper
96 100
61 135.7 134.1 201.1
98 62.1 51.5 77.3

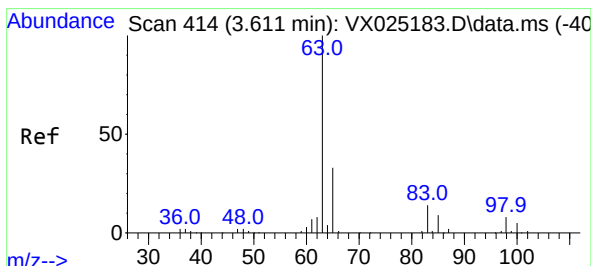
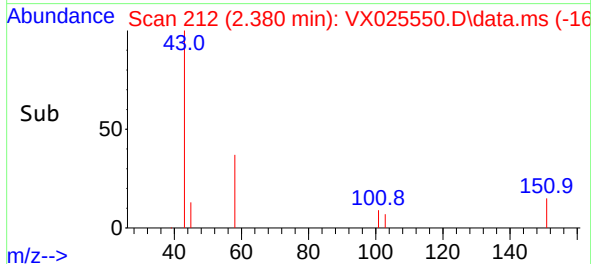
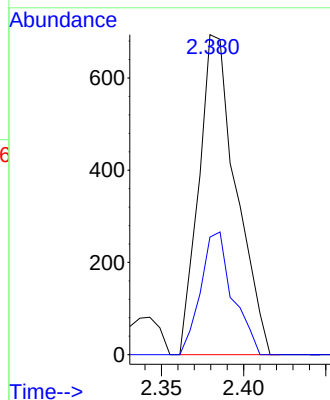
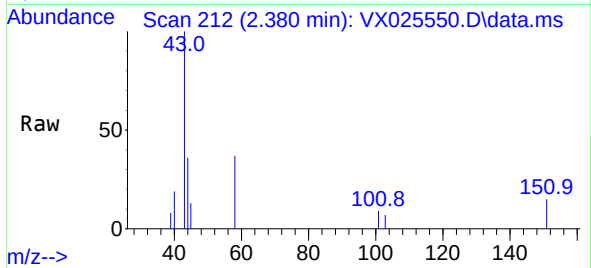




#16
Acetone
Concen: 1.917 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

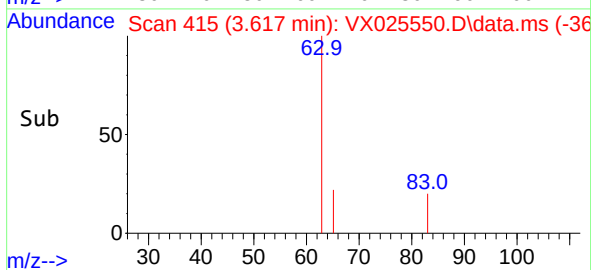
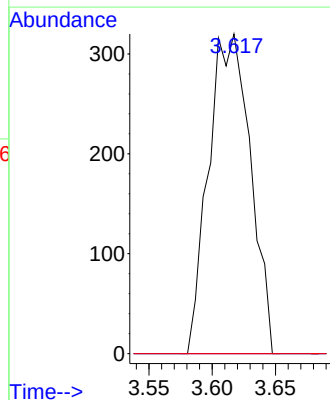
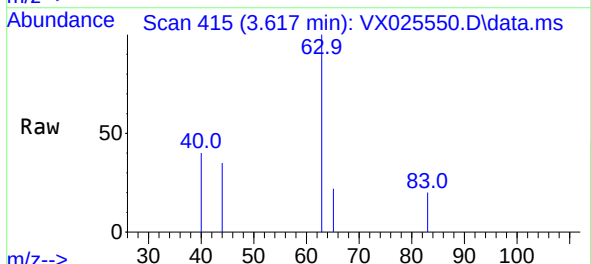
Instrument :
MSVOA_X
ClientSampleId :
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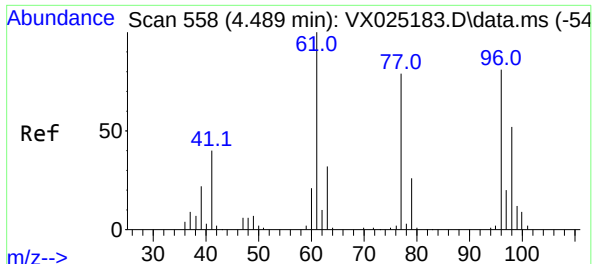
Tgt Ion: 43 Resp: 1094
Ion Ratio Lower Upper
43 100
58 36.7 24.0 36.0#



#24
1,1-Dichloroethane
Concen: 0.433 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 63 Resp: 736
Ion Ratio Lower Upper
63 100
98 0.0 3.3 9.9#
100 0.0 2.1 6.2#

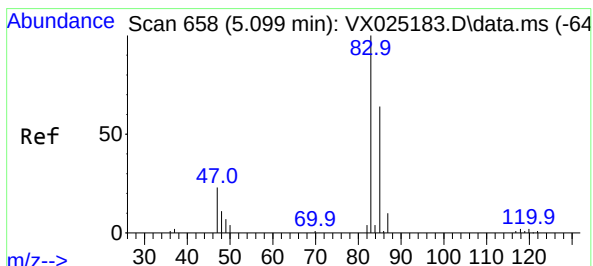
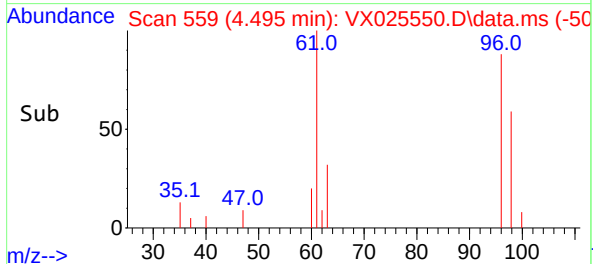
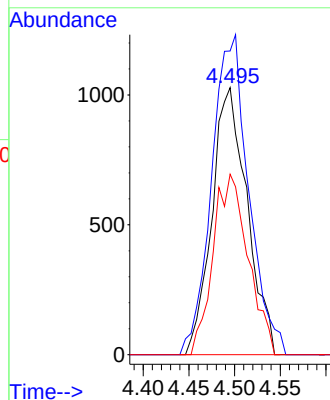
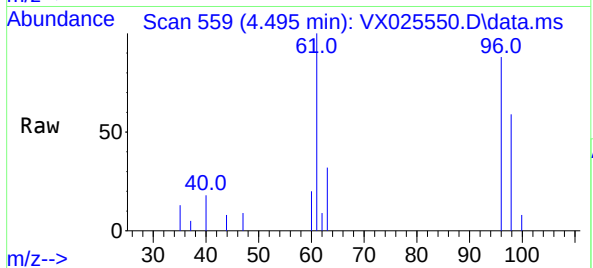




#27
cis-1,2-Dichloroethene
Concen: 2.384 ug/l
RT: 4.495 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

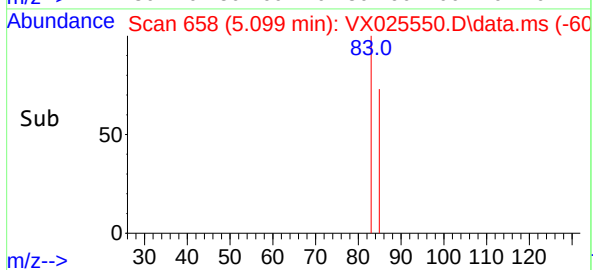
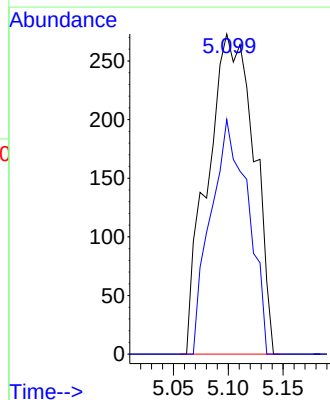
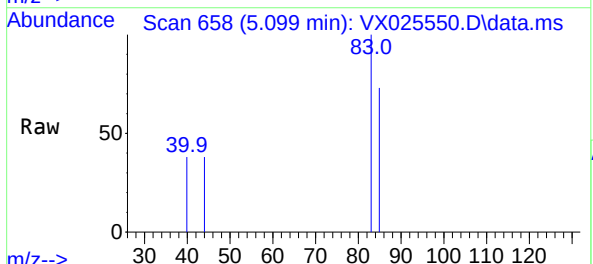
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ClientSampleId :
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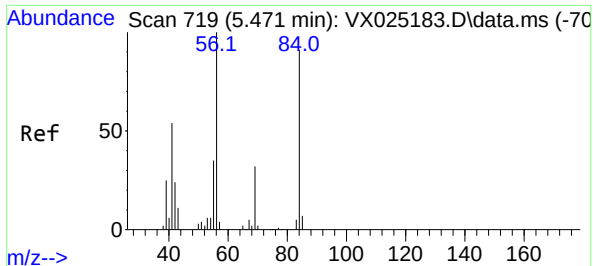
Tgt Ion: 96 Resp: 2754
Ion Ratio Lower Upper
96 100
61 125.9 0.0 302.2
98 67.2 0.0 131.4



#30
Chloroform
Concen: 0.455 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

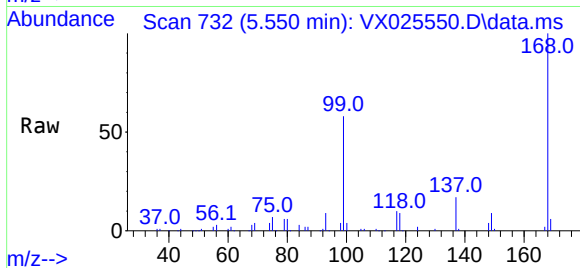
Tgt Ion: 83 Resp: 805
Ion Ratio Lower Upper
83 100
85 73.3 50.2 75.2



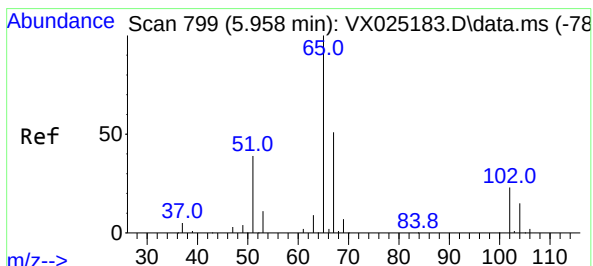
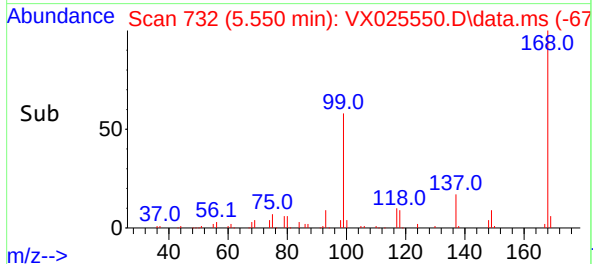
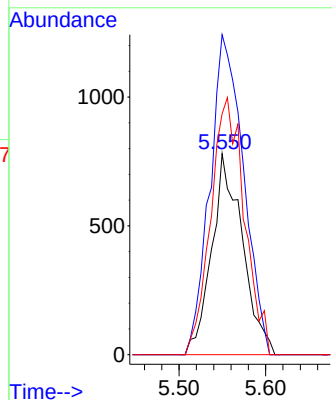


#31
Cyclohexane
Concen: 1.209 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Instrument :
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ClientSampleId :
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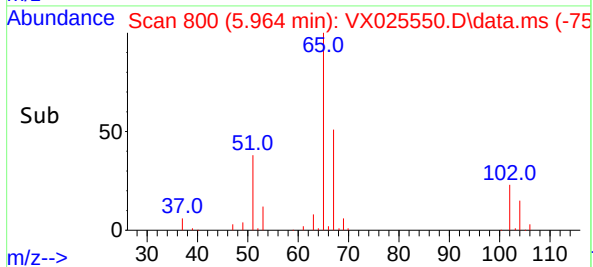
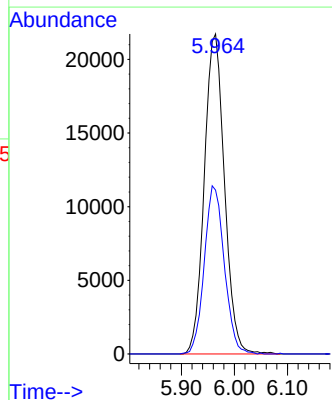
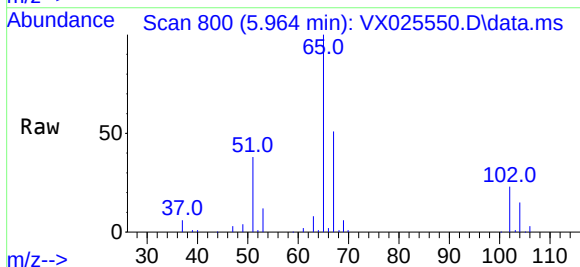


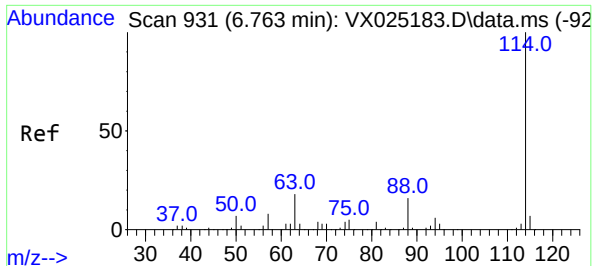
Tgt Ion: 56 Resp: 1919
Ion Ratio Lower Upper
56 100
69 159.2 24.2 36.2#
84 119.9 71.5 107.3#



#33
1,2-Dichloroethane-d4
Concen: 55.937 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 65 Resp: 57441
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.0

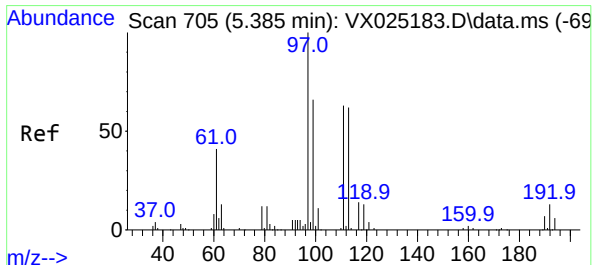
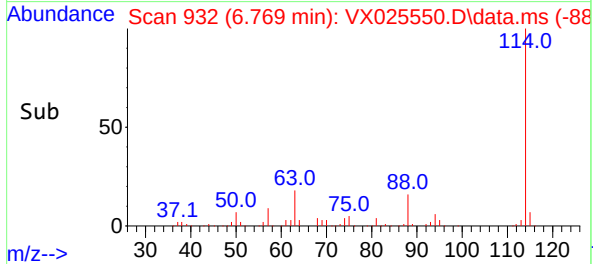
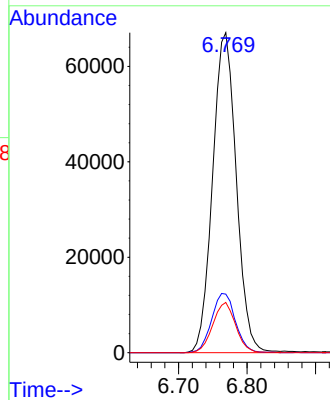
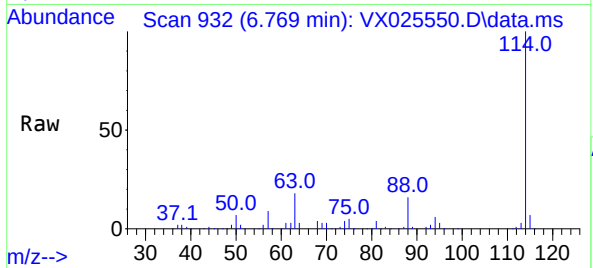




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

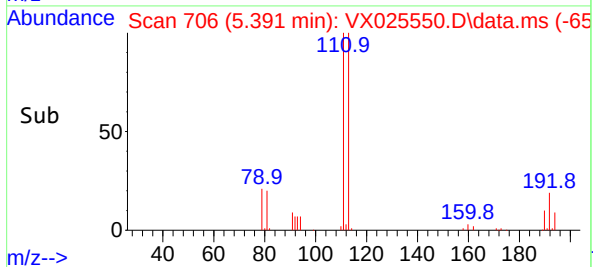
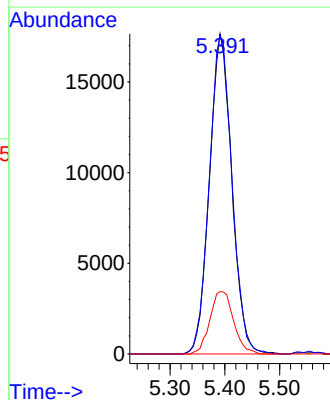
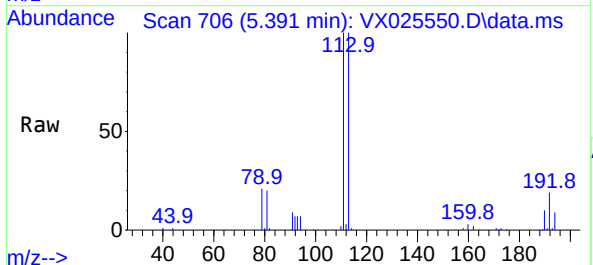
Instrument :
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ClientSampleId :
RE120D2-20211201

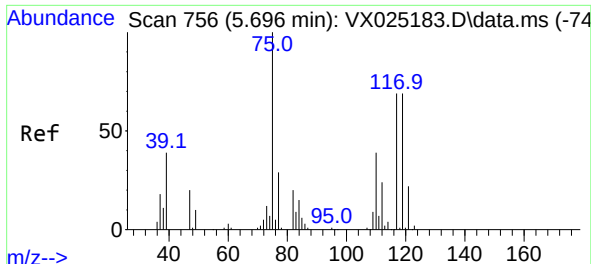
Tgt Ion:114 Resp: 160542
Ion Ratio Lower Upper
114 100
63 18.3 0.0 41.0
88 15.7 0.0 34.8



#35
Dibromofluoromethane
Concen: 50.696 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

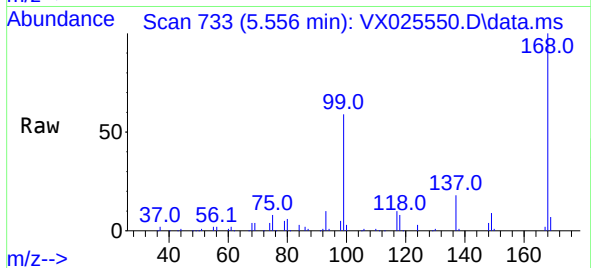
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Ion Ratio Lower Upper
113 100
111 101.6 82.1 123.1
192 20.6 15.6 23.4



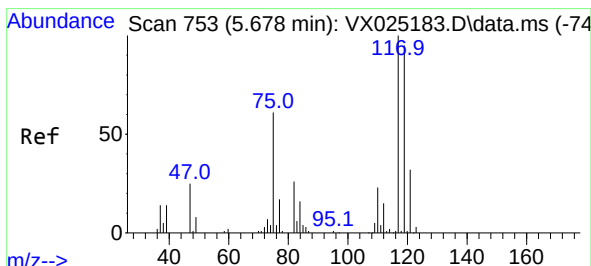
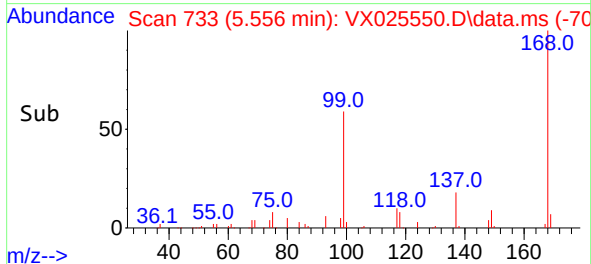
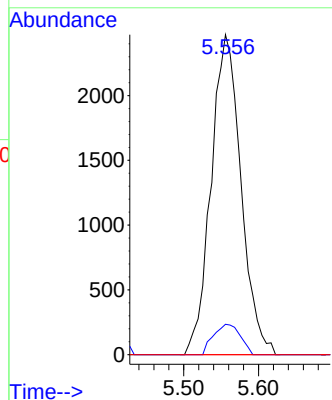


#36
1,1-Dichloropropene
Concen: 4.908 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

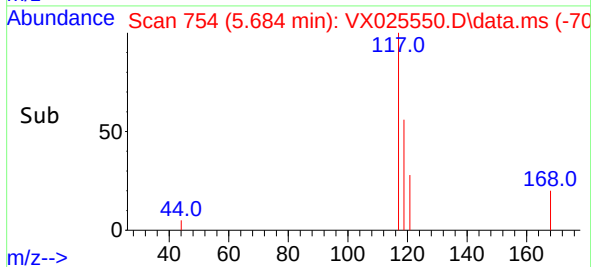
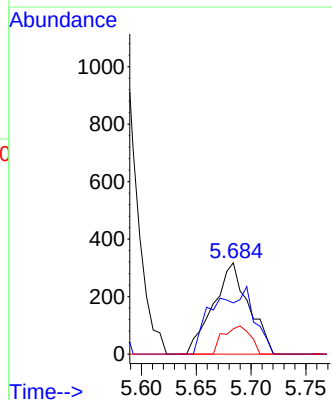
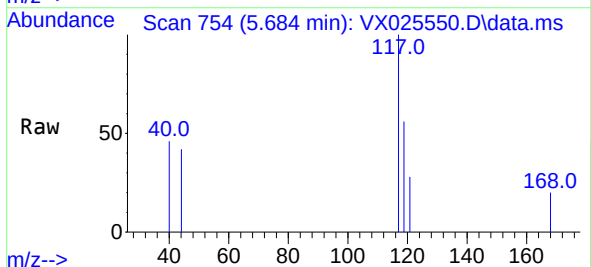


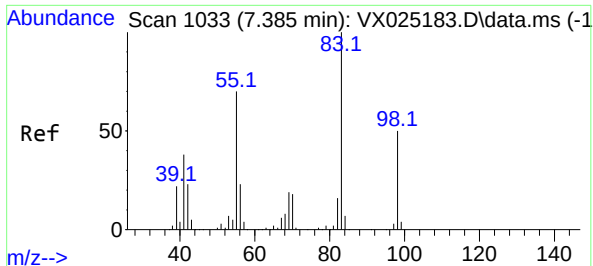
Tgt Ion: 75 Resp: 6875
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.3#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 0.463 ug/l
RT: 5.684 min Scan# 754
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 117 Resp: 715
Ion Ratio Lower Upper
117 100
119 56.0 75.6 113.4#
121 27.7 23.7 35.5





#39

Methylcyclohexane

Concen: 3.321 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.256 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Instrument :

MSVOA_X

ClientSampleId :

RE120D2-20211201

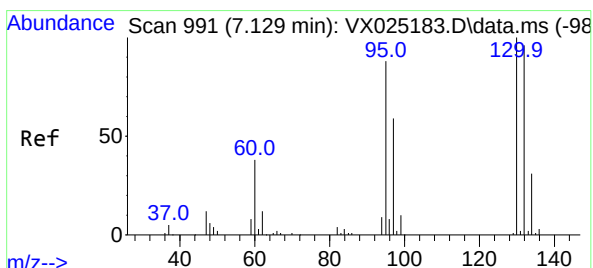
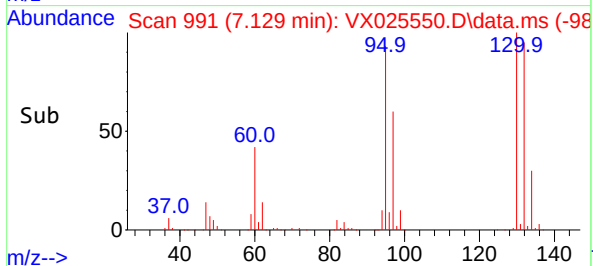
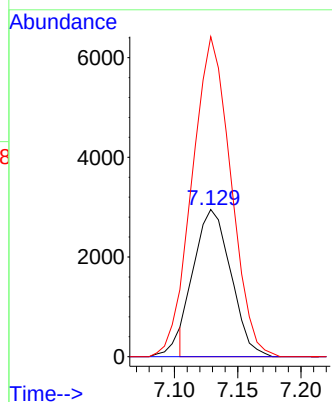
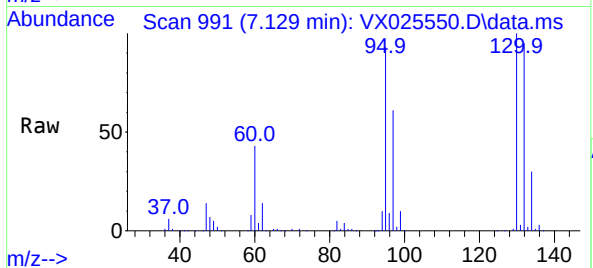
Tgt Ion: 83 Resp: 5966

Ion Ratio Lower Upper

83 100

55 0.0 60.8 91.2#

98 221.2 37.0 55.4#



#44

Trichloroethene

Concen: 450.000 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX025550.D

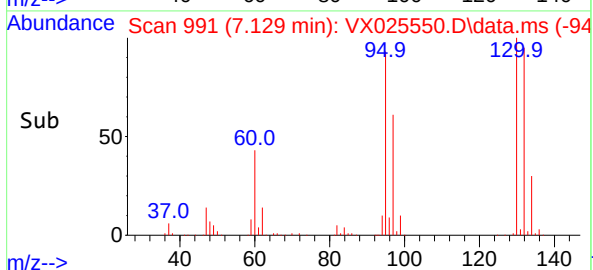
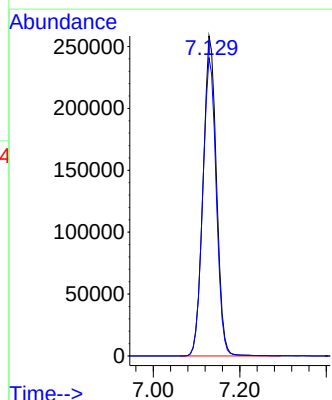
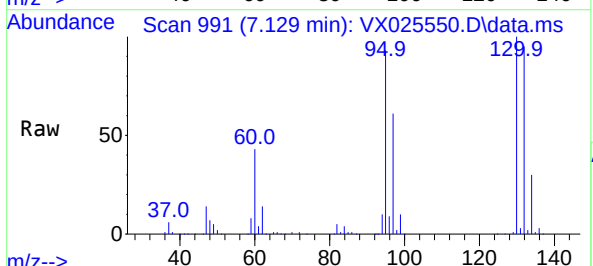
Acq: 06 Dec 2021 15:42

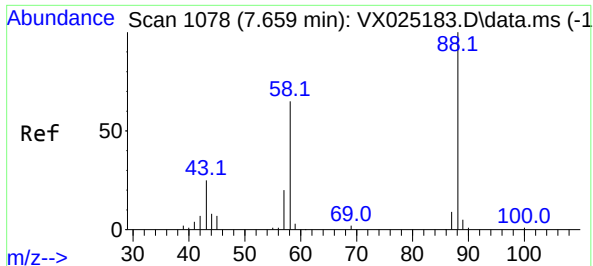
Tgt Ion:130 Resp: 554669

Ion Ratio Lower Upper

130 100

95 93.2 0.0 196.8





#49

1,4-Dioxane

Concen: 14.723 ug/l

RT: 7.671 min Scan# 1080

Delta R.T. 0.012 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Instrument :

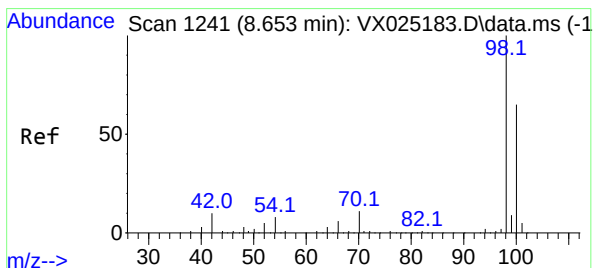
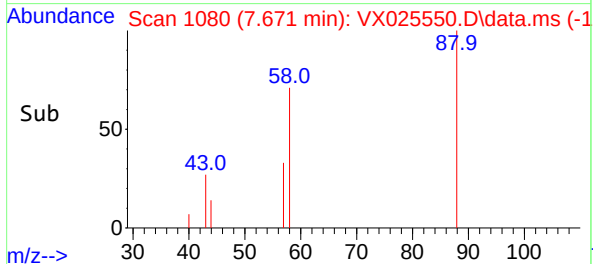
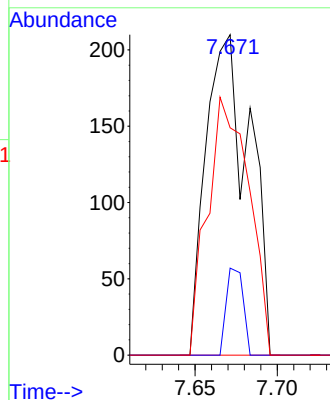
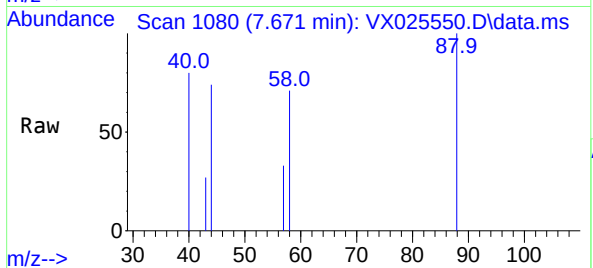
MSVOA_X

ClientSampleId :

RE120D2-20211201

Tgt Ion: 88 Resp: 387

Ion	Ratio	Lower	Upper
88	100		
43	10.6	27.0	40.6#
58	76.5	55.2	82.8



#50

Toluene-d8

Concen: 50.292 ug/l

RT: 8.653 min Scan# 1241

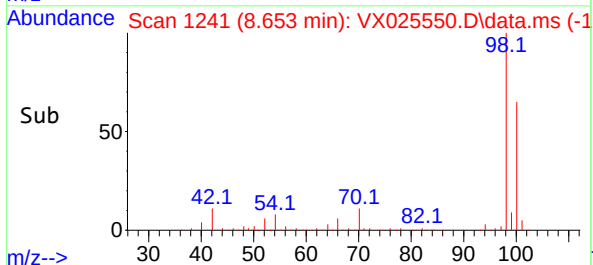
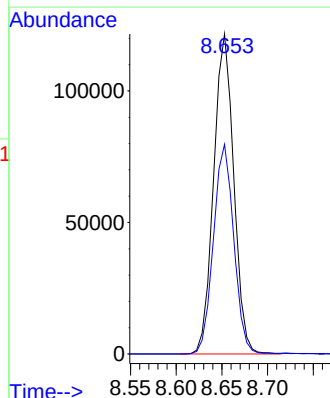
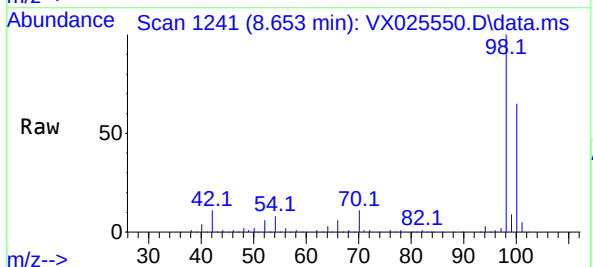
Delta R.T. -0.000 min

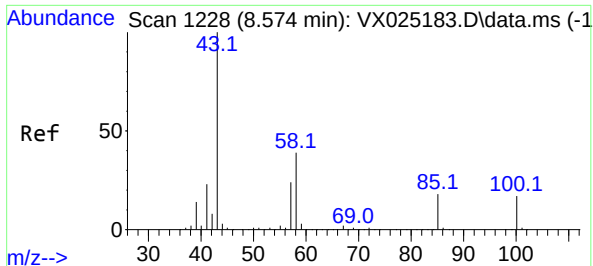
Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Tgt Ion: 98 Resp: 186262

Ion	Ratio	Lower	Upper
98	100		
100	66.2	51.4	77.0





#51

4-Methyl-2-Pentanone

Concen: 0.503 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Instrument :

MSVOA_X

ClientSampleId :

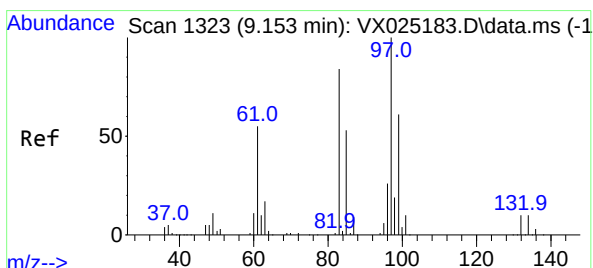
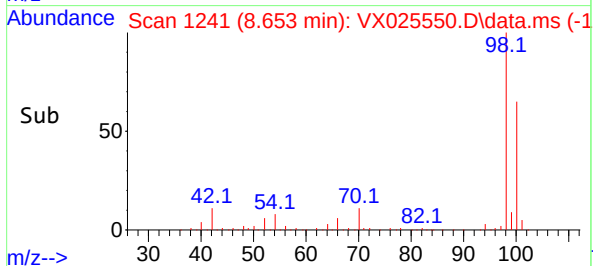
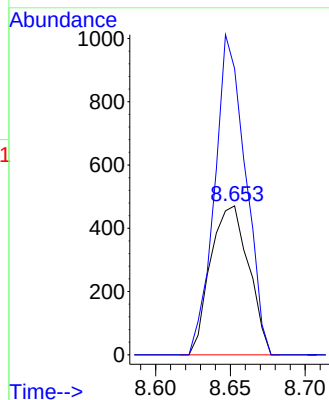
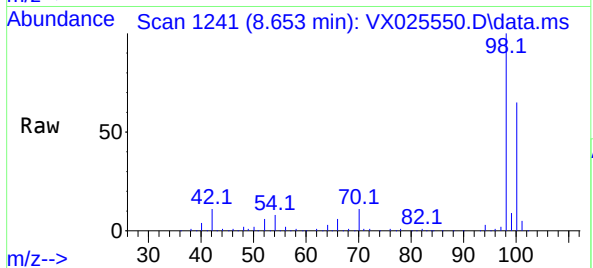
RE120D2-20211201

Tgt Ion: 43 Resp: 836

Ion Ratio Lower Upper

43 100

58 174.3 30.9 46.3#



#55

1,1,2-Trichloroethane

Concen: 0.252 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX025550.D

Acq: 06 Dec 2021 15:42

Tgt Ion: 97 Resp: 277

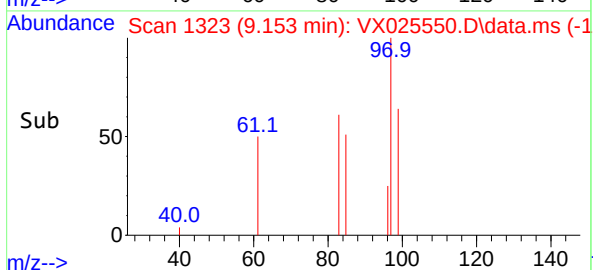
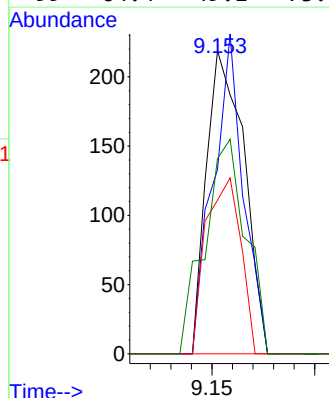
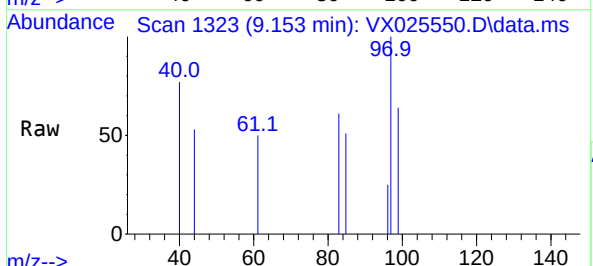
Ion Ratio Lower Upper

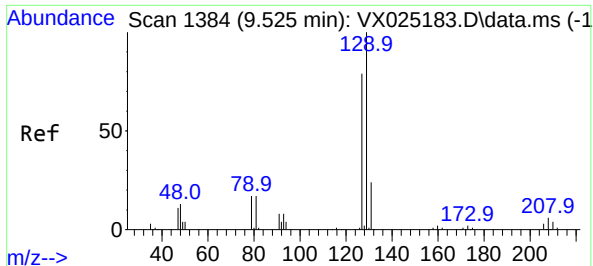
97 100

83 60.7 69.2 103.8#

85 50.7 43.3 64.9

99 64.4 49.1 73.7

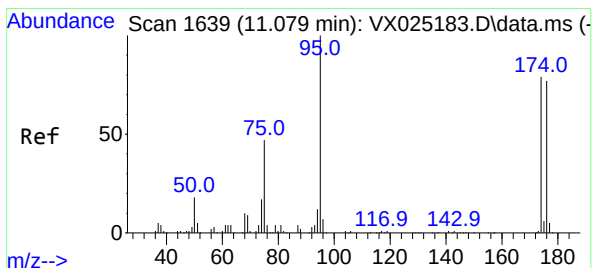
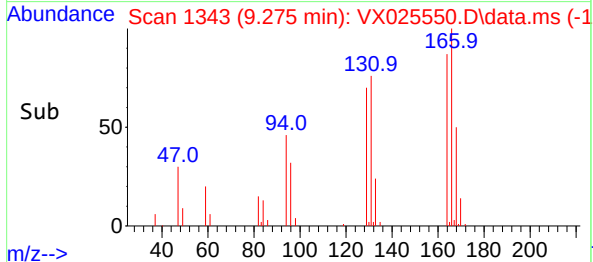
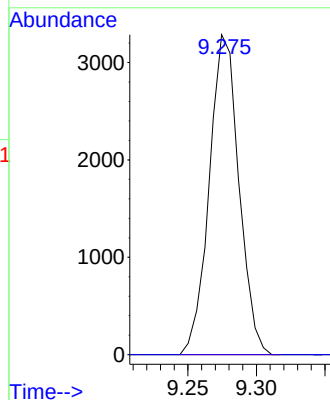
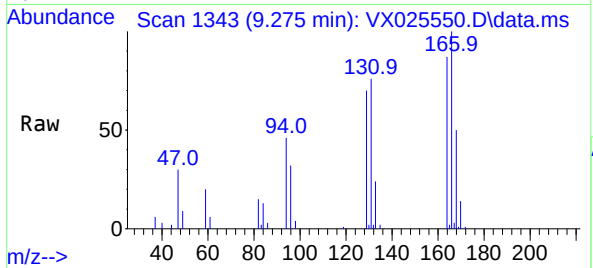




#60
Dibromochloromethane
Concen: 3.905 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

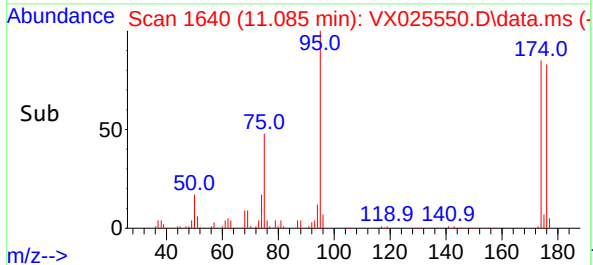
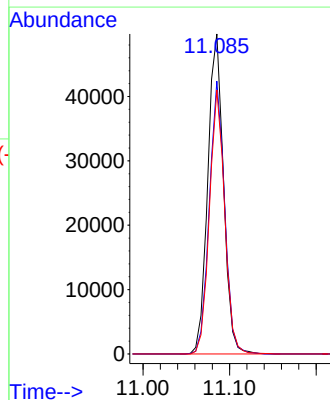
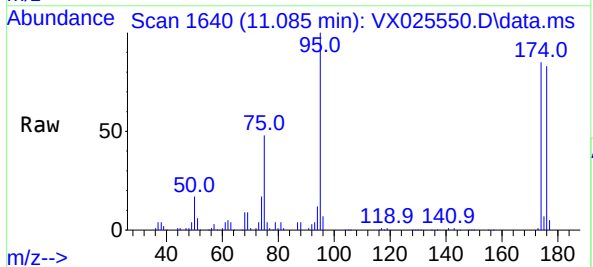
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

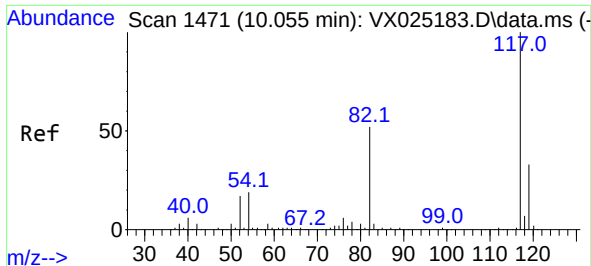
Tgt Ion:129 Resp: 4948
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 44.752 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion: 95 Resp: 62703
Ion Ratio Lower Upper
95 100
174 83.1 0.0 158.0
176 79.8 0.0 153.6

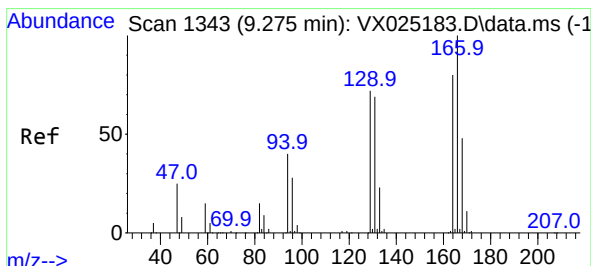
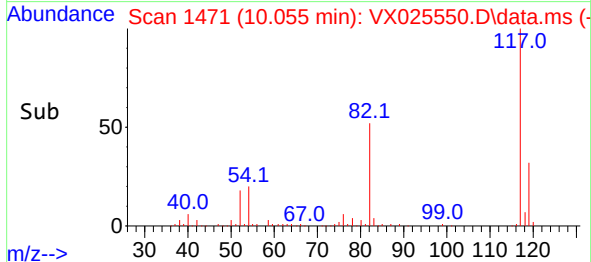
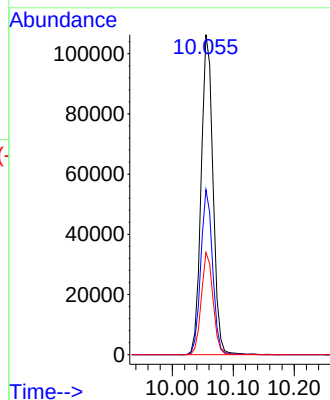
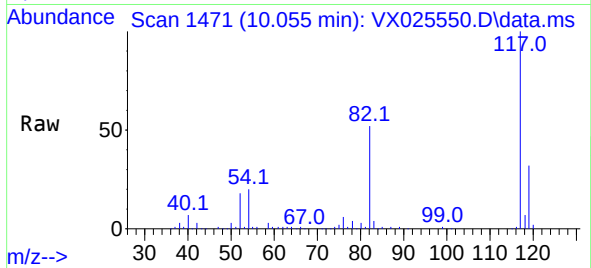




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

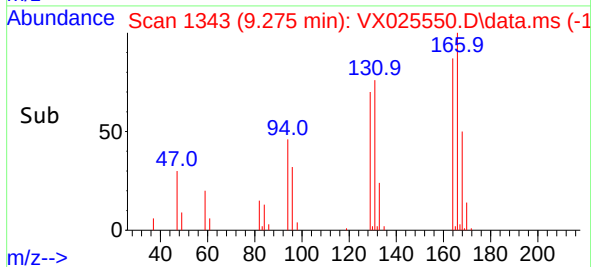
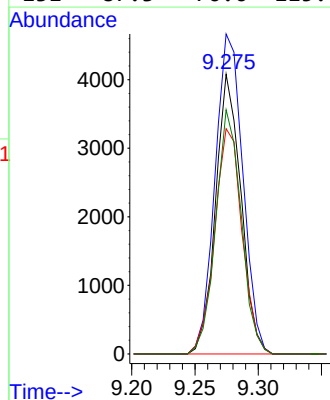
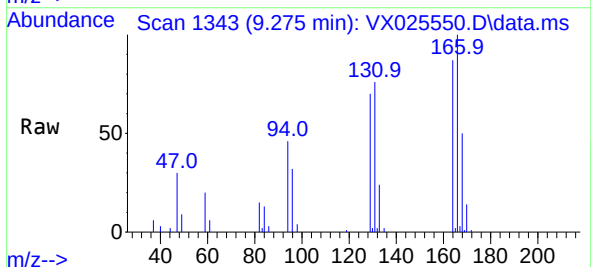
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

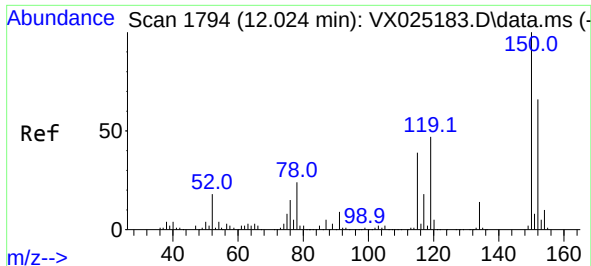
Tgt Ion:117 Resp: 143916
Ion Ratio Lower Upper
117 100
82 51.6 44.6 67.0
119 31.9 24.8 37.2



#64
Tetrachloroethene
Concen: 4.785 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Tgt Ion:164 Resp: 5678
Ion Ratio Lower Upper
164 100
166 114.4 103.2 154.8
129 80.5 81.0 121.4#
131 87.3 76.6 115.0

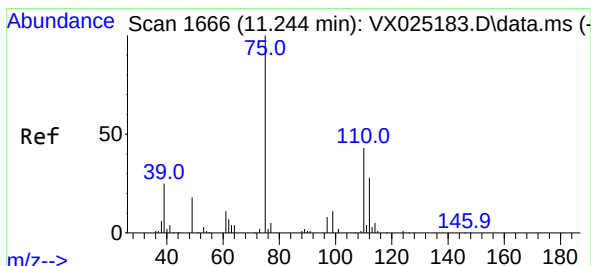
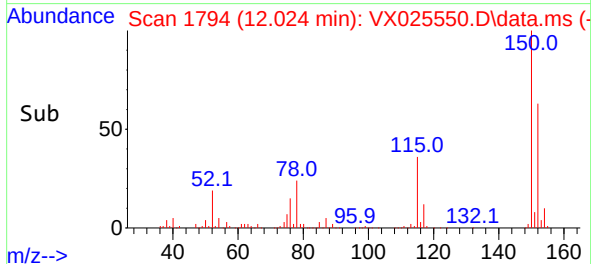
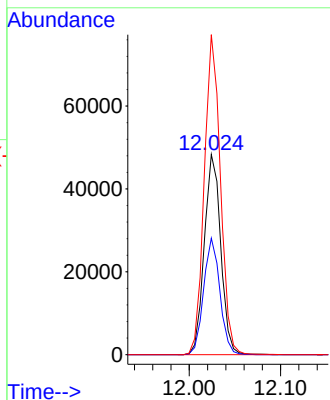
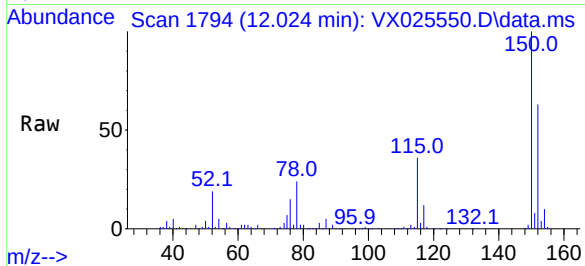




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

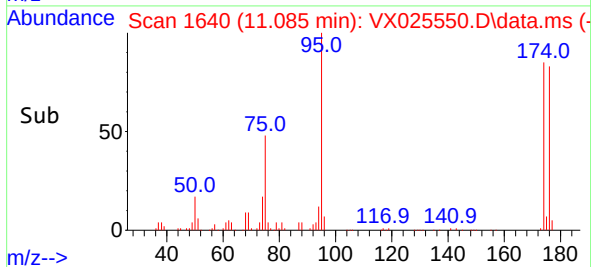
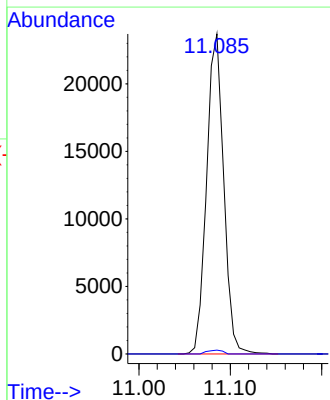
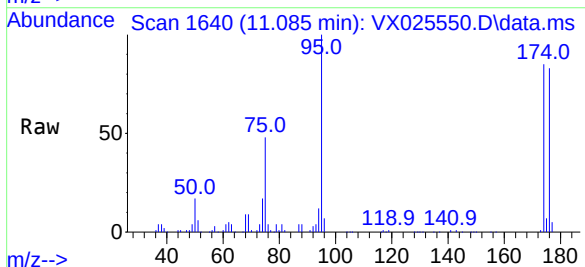
Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201

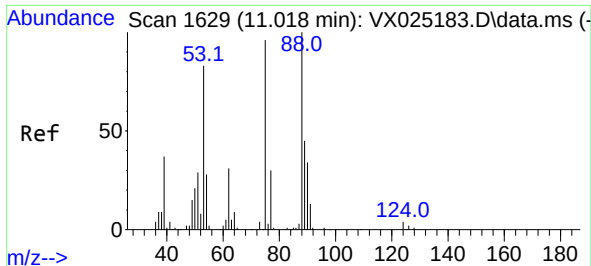
Tgt Ion:152 Resp: 60198
Ion Ratio Lower Upper
152 100
115 57.5 43.3 129.8
150 157.3 0.0 351.2



#76
1,2,3-Trichloropropane
Concen: 24.889 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

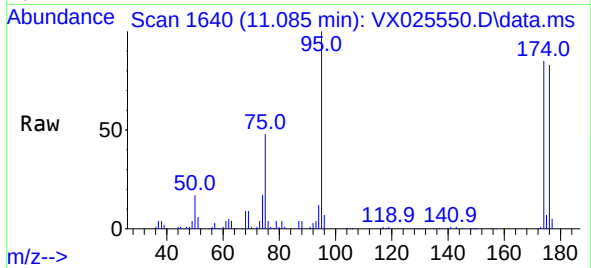
Tgt Ion: 75 Resp: 30682
Ion Ratio Lower Upper
75 100
77 1.1 20.0 59.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 62.701 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX025550.D
Acq: 06 Dec 2021 15:42

Instrument :
MSVOA_X
ClientSampleId :
RE120D2-20211201



Tgt Ion: 75 Resp: 30682
Ion Ratio Lower Upper
75 100
53 0.0 81.9 122.9#
89 0.0 38.2 57.2#

