

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020156.D
 Acq On : 19 Dec 2020 07:48
 Operator : JC/MD
 Sample : L5053-17DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20201210DL

Quant Time: Dec 21 00:12:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

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

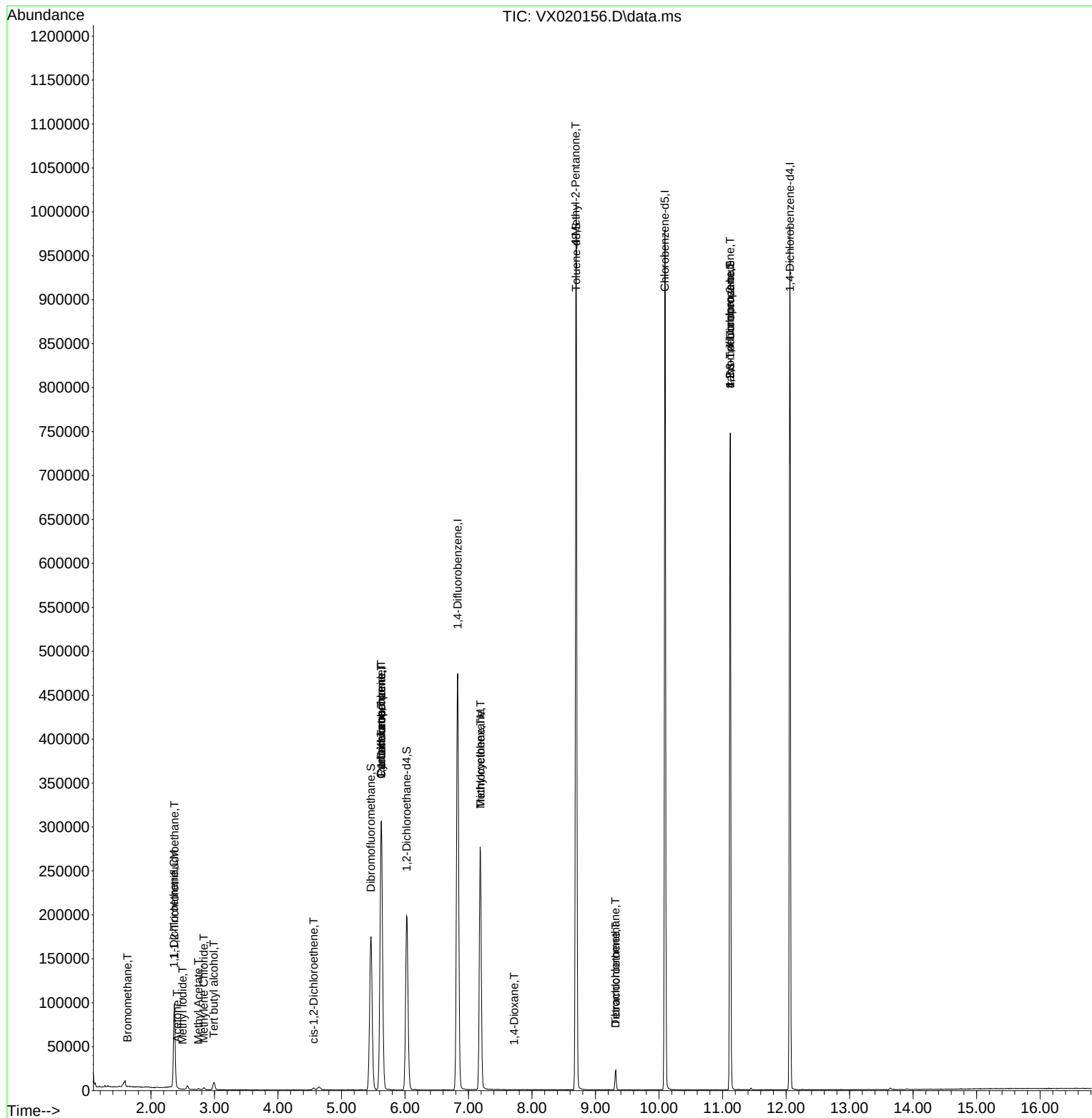
Internal Standards						
1) Pentafluorobenzene	5.629	168	294130	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	489105	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	454496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	198366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191156	48.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.96%		
35) Dibromofluoromethane	5.464	113	153142	48.95	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.90%		
50) Toluene-d8	8.696	98	595266	49.43	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.86%		
62) 4-Bromofluorobenzene	11.122	95	209725	45.50	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.00%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	372	0.29	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.367	101	37647	12.82	ug/l	98
10) Methyl Iodide	2.495	142	113	3.31	ug/l #	42
11) Tert butyl alcohol	2.989	59	5144	5.83	ug/l #	75
12) 1,1-Dichloroethene	2.361	96	695	0.23	ug/l	98
16) Acetone	2.410	43	797	0.44	ug/l #	83
18) Methyl Acetate	2.745	43	1272	0.32	ug/l #	86
20) Methylene Chloride	2.831	84	979	0.24	ug/l	92
27) cis-1,2-Dichloroethene	4.562	96	1506	0.37	ug/l	96
31) Cyclohexane	5.623	56	5803	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22885	4.73	ug/l #	48
38) Carbon Tetrachloride	5.623	117	29269	6.37	ug/l #	17
39) Methylcyclohexane	7.190	83	1437	0.26	ug/l #	1
44) Trichloroethene	7.190	130	108493	27.89	ug/l	98
49) 1,4-Dioxane	7.720	88	33	0.36	ug/l #	1
51) 4-Methyl-2-Pentanone	8.689	43	2576	0.52	ug/l #	1
60) Dibromochloromethane	9.311	129	4132	1.10	ug/l #	11
64) Tetrachloroethene	9.317	164	4184	1.22	ug/l	95
76) 1,2,3-Trichloropropane	11.122	75	102879	21.05	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	102879	62.46	ug/l #	12

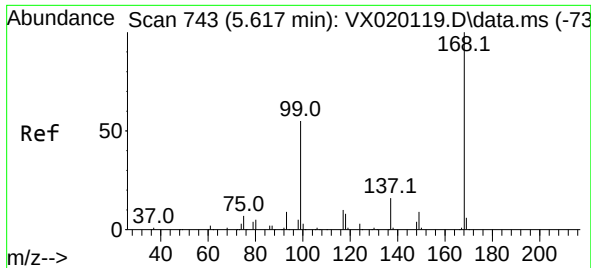
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

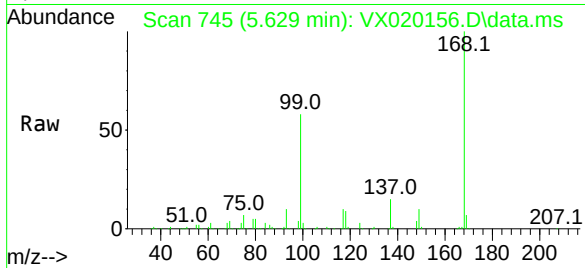
Quant Time: Dec 21 00:12:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



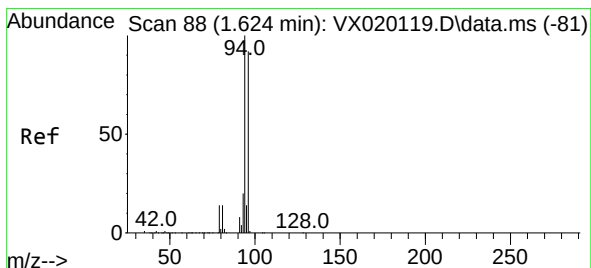
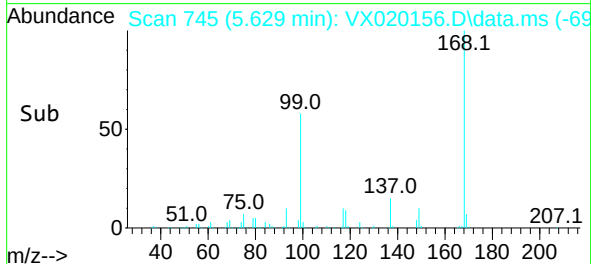
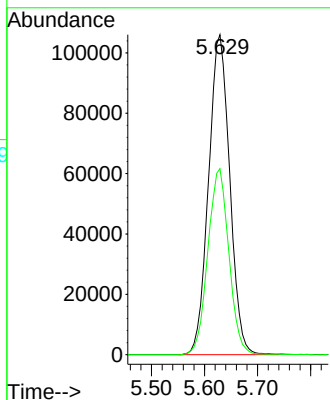


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

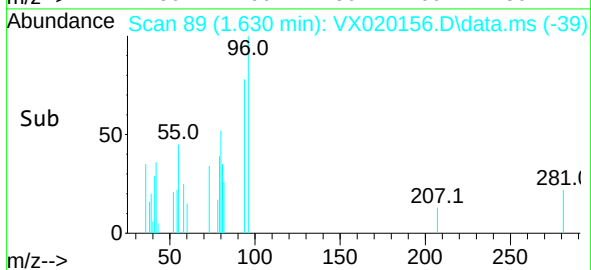
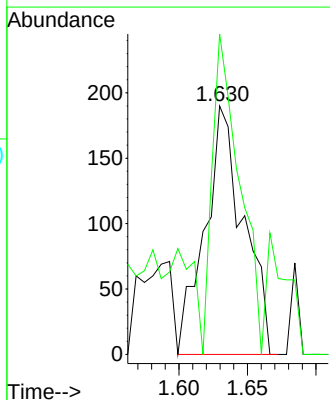
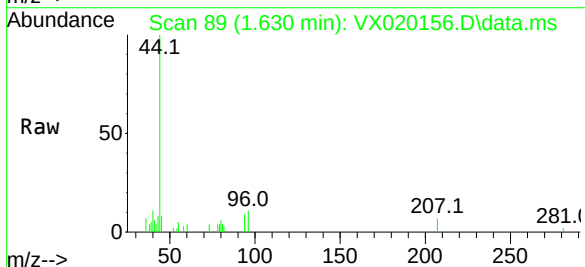


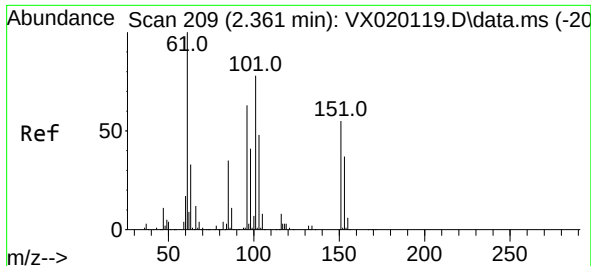
Tgt Ion:168 Resp: 294130
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion: 94 Resp: 372
Ion Ratio Lower Upper
94 100
96 98.4 76.4 114.6

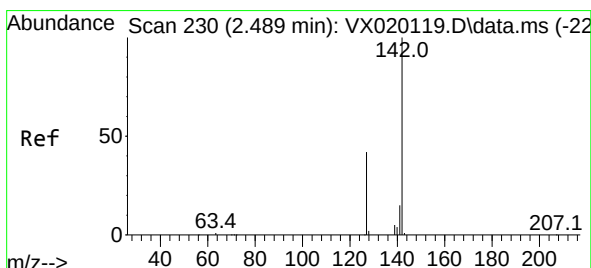
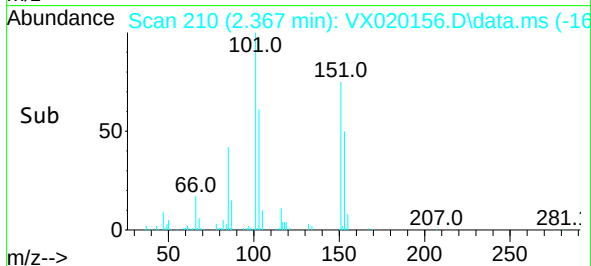
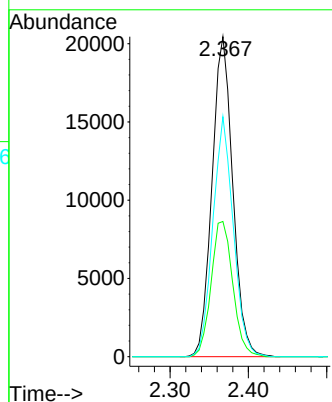
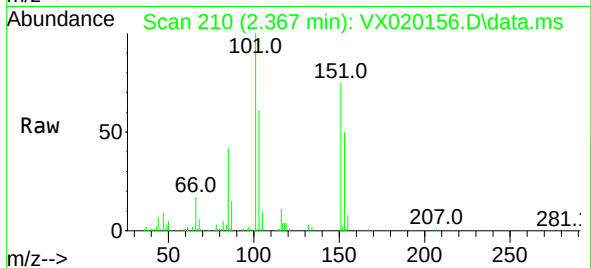




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.82 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

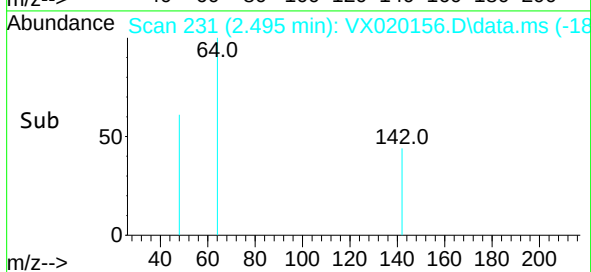
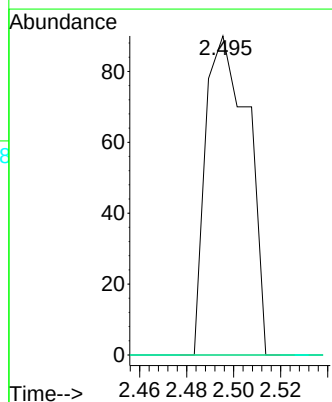
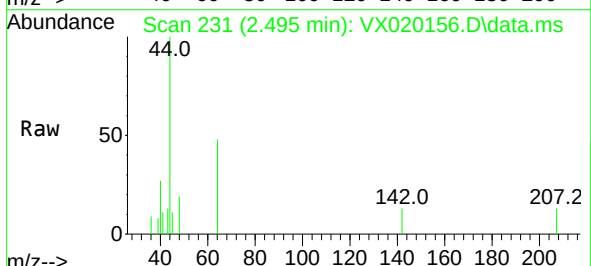
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

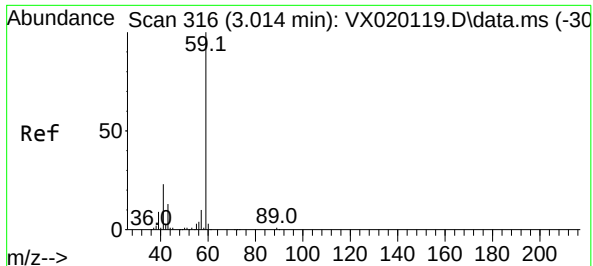
Tgt Ion:101 Resp: 37647
Ion Ratio Lower Upper
101 100
85 44.1 34.9 52.3
151 74.1 61.4 92.2



#10
Methyl Iodide
Concen: 3.31 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion:142 Resp: 113
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



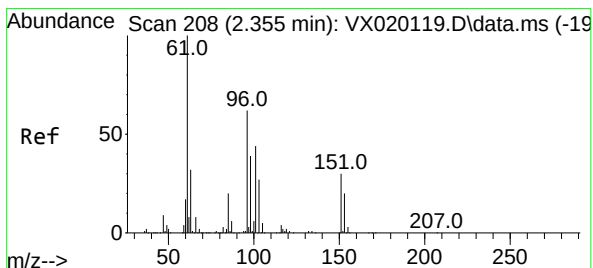
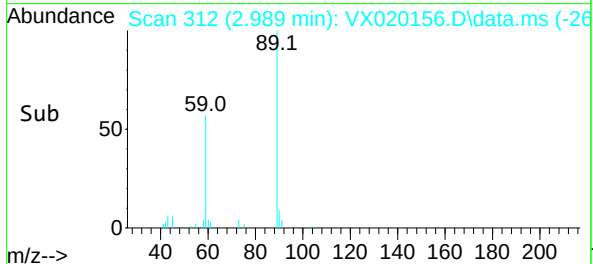
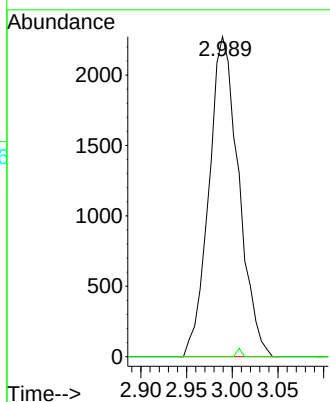
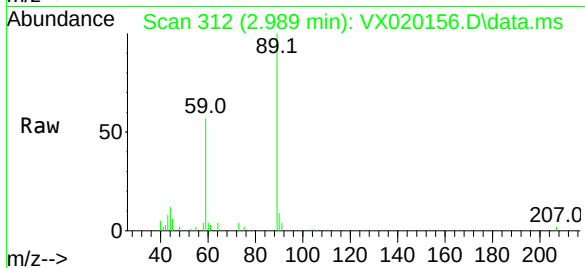


#11

Tert butyl alcohol
Concen: 5.83 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

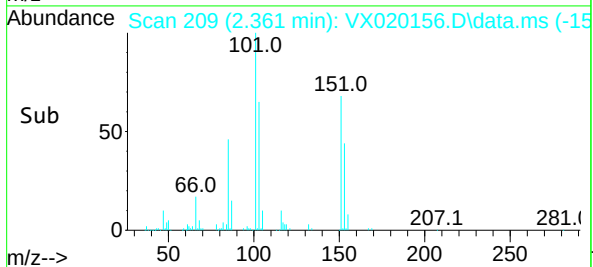
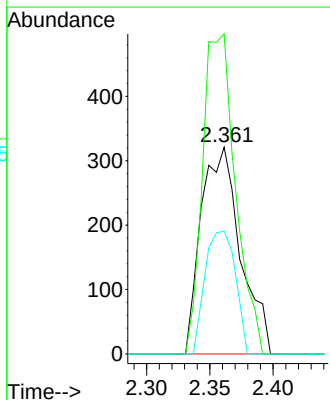
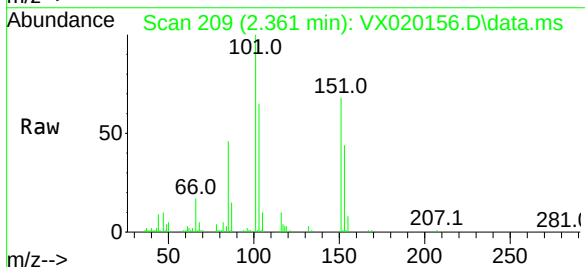
Tgt Ion: 59 Resp: 5144
Ion Ratio Lower Upper
59 100
57 0.4 7.8 11.8#

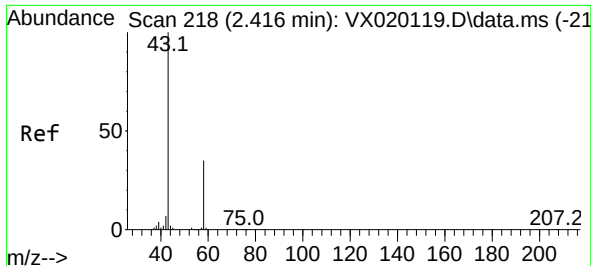


#12

1,1-Dichloroethene
Concen: 0.23 ug/l
RT: 2.361 min Scan# 209
Delta R.T. 0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion: 96 Resp: 695
Ion Ratio Lower Upper
96 100
61 154.8 124.6 187.0
98 59.5 50.6 76.0

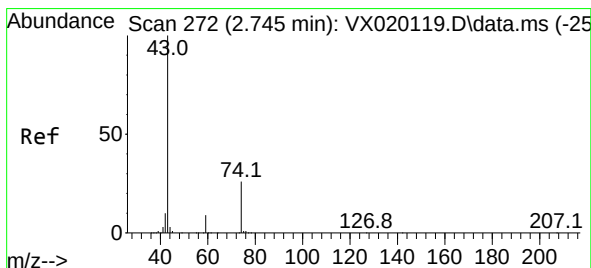
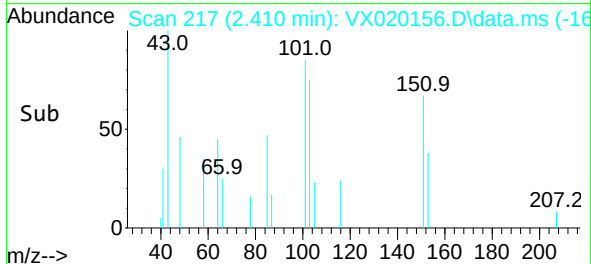
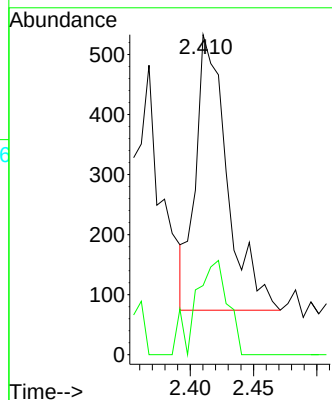
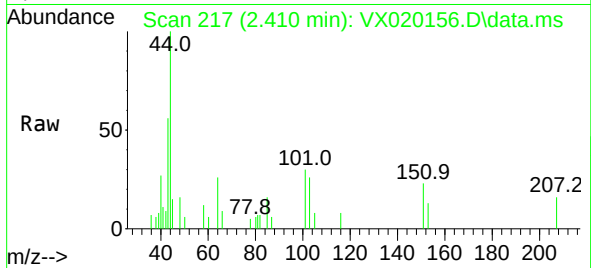




#16
Acetone
Concen: 0.44 ug/l
RT: 2.410 min Scan# 217
Delta R.T. -0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

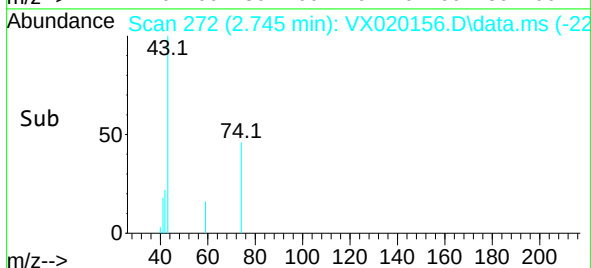
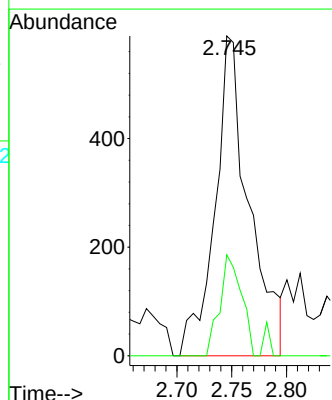
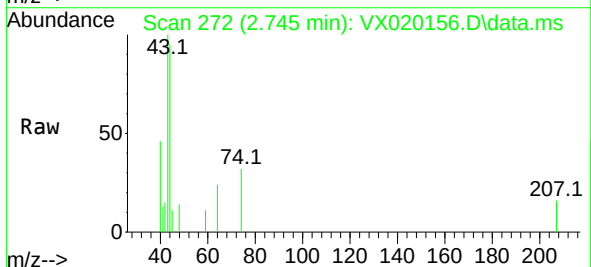
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

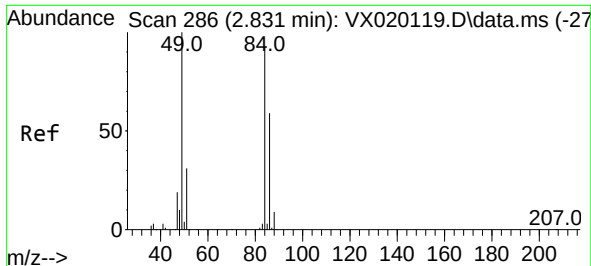
Tgt Ion: 43 Resp: 797
Ion Ratio Lower Upper
43 100
58 25.1 27.8 41.8#



#18
Methyl Acetate
Concen: 0.32 ug/l
RT: 2.745 min Scan# 272
Delta R.T. 0.000 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

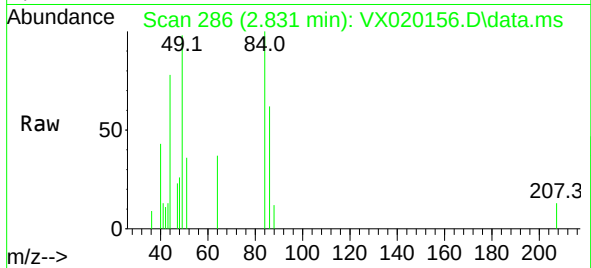
Tgt Ion: 43 Resp: 1272
Ion Ratio Lower Upper
43 100
74 20.1 21.9 32.9#



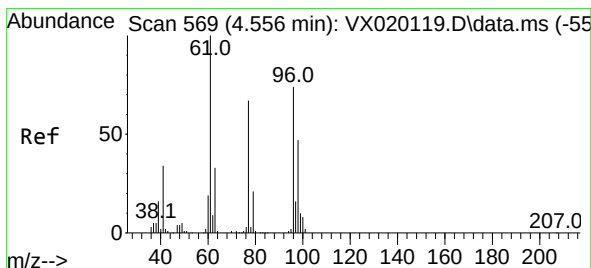
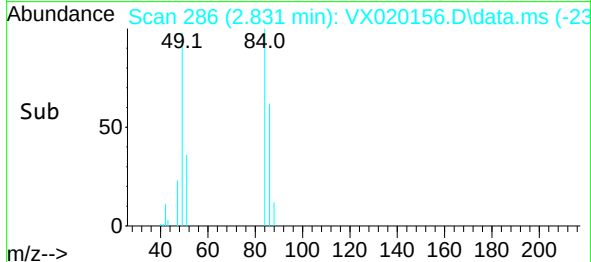
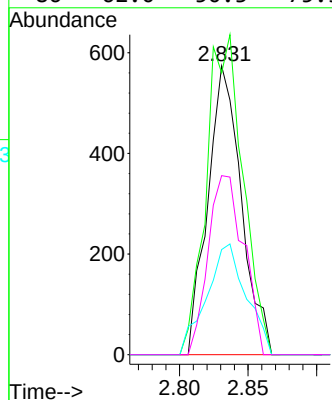


#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

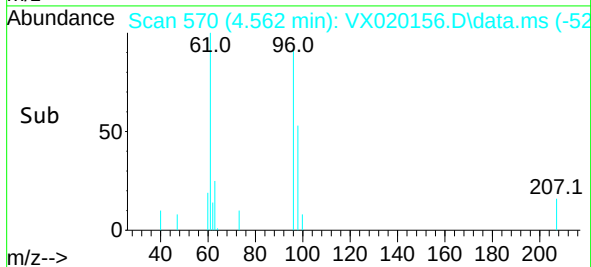
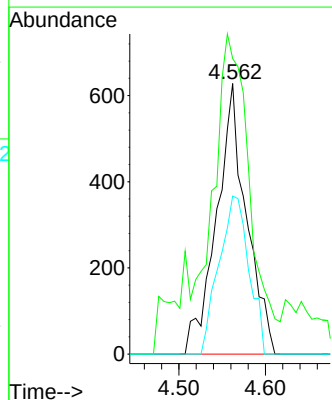
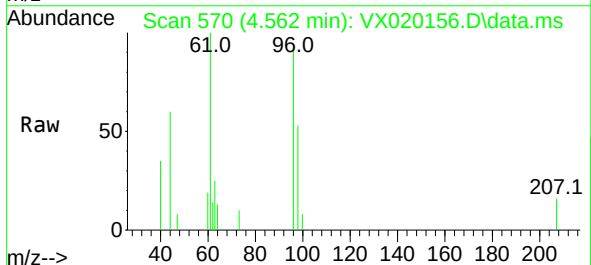


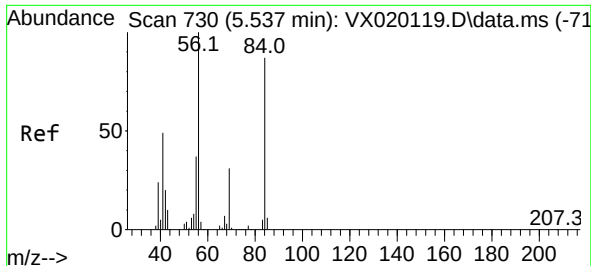
Tgt Ion:	84	Resp:	979
Ion	Ratio	Lower	Upper
84	100		
49	97.6	88.6	132.8
51	36.4	27.0	40.6
86	62.0	50.3	75.5



#27
cis-1,2-Dichloroethene
Concen: 0.37 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

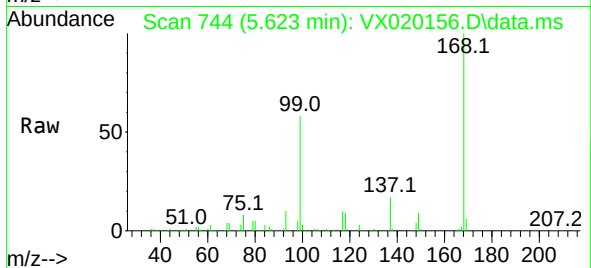
Tgt Ion:	96	Resp:	1506
Ion	Ratio	Lower	Upper
96	100		
61	140.8	0.0	285.6
98	58.4	0.0	129.6



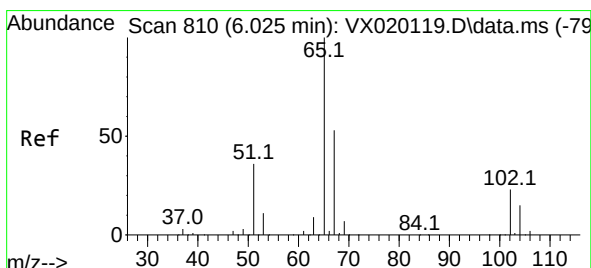
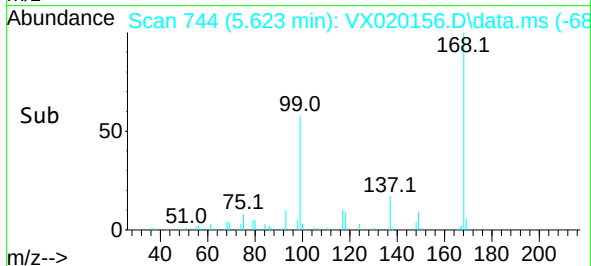
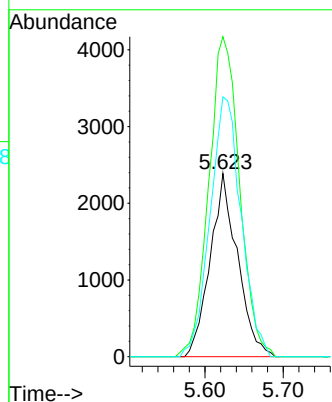


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Instrument :
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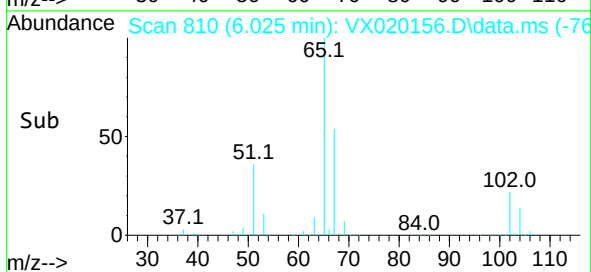
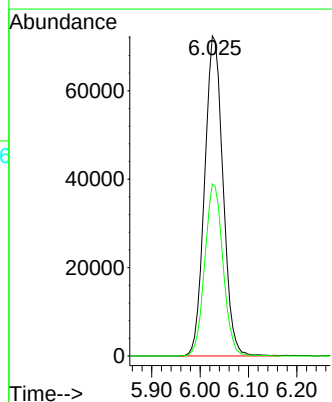
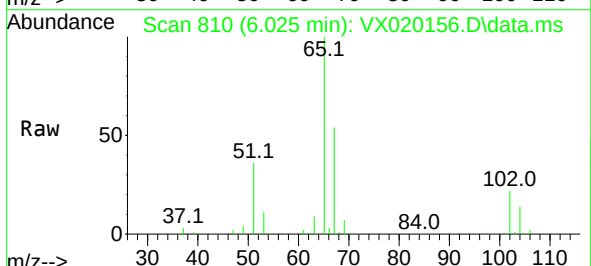


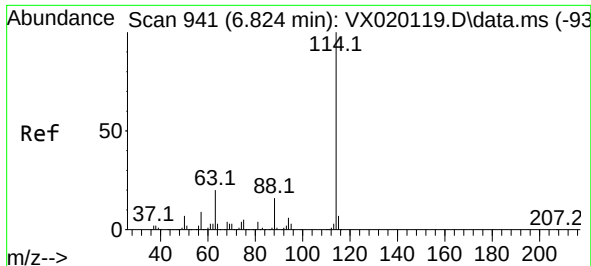
Tgt Ion: 56 Resp: 5803
Ion Ratio Lower Upper
56 100
69 174.7 25.3 37.9#
84 141.9 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 48.48 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

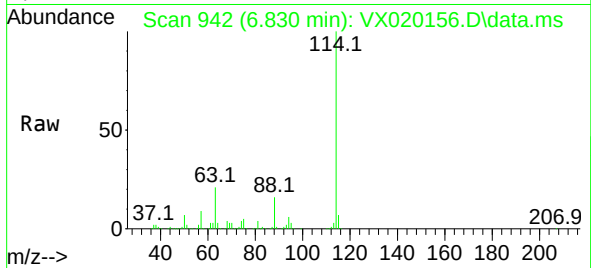
Tgt Ion: 65 Resp: 191156
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



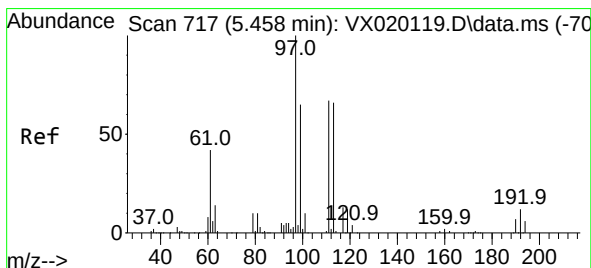
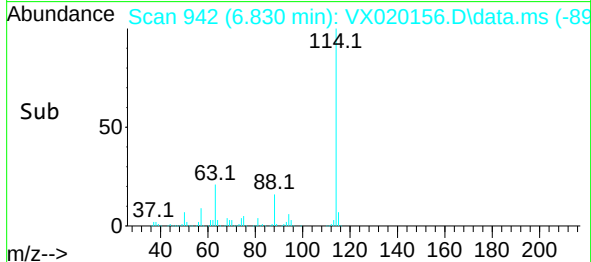
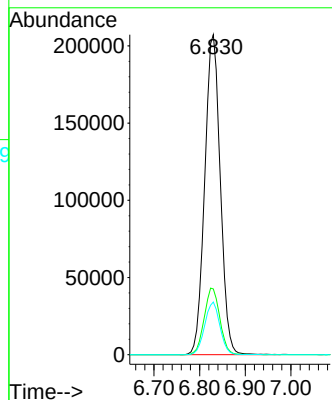


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

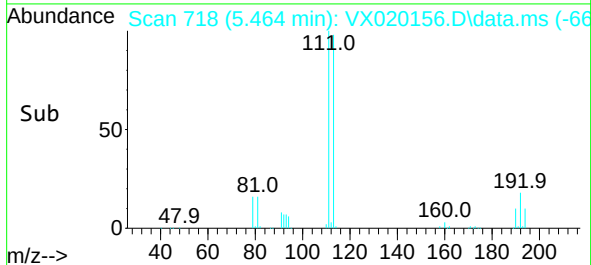
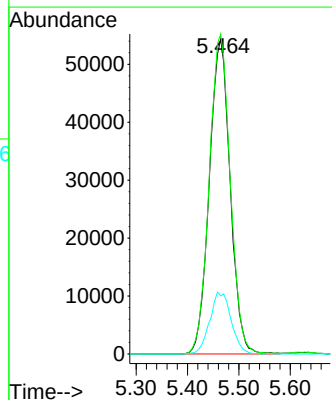
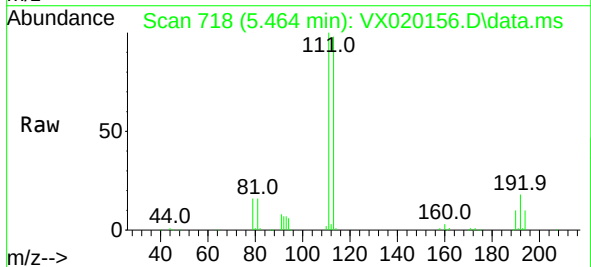


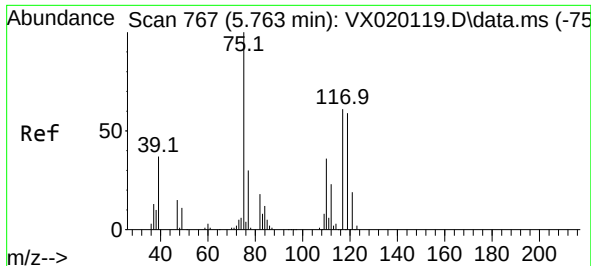
Tgt Ion:114 Resp: 489105
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.95 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

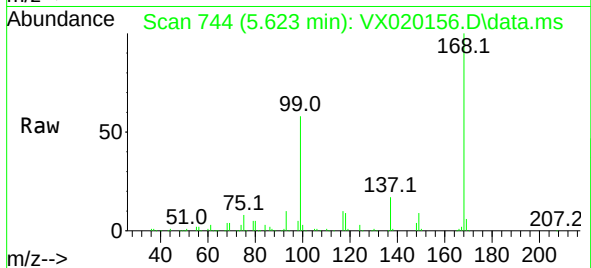
Tgt Ion:113 Resp: 153142
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.1 16.7 25.1



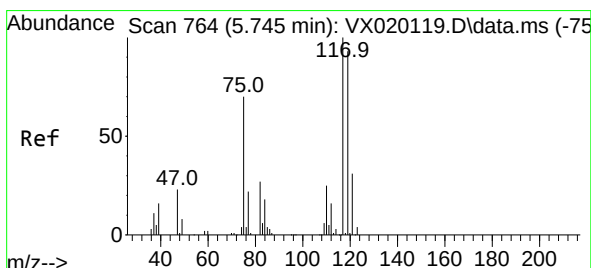
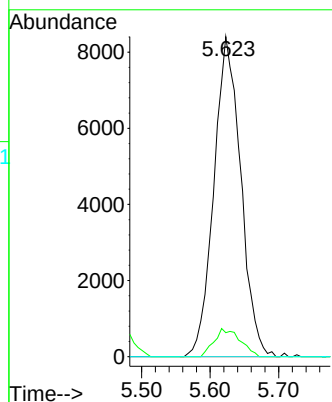
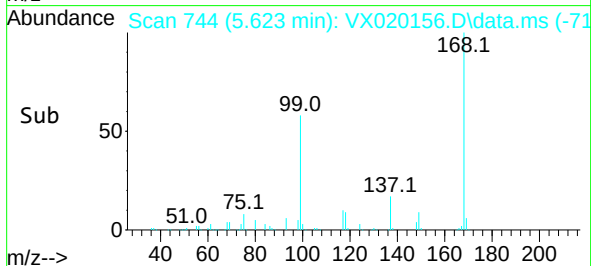


#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

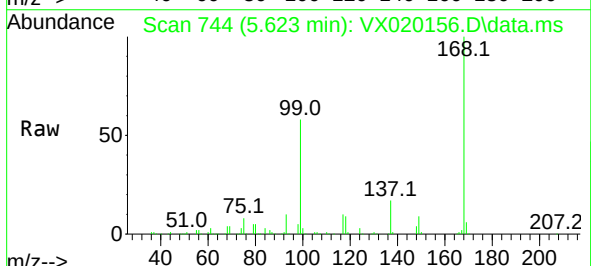
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL



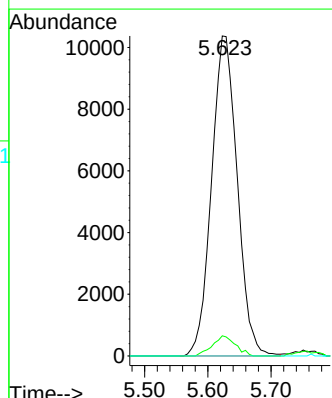
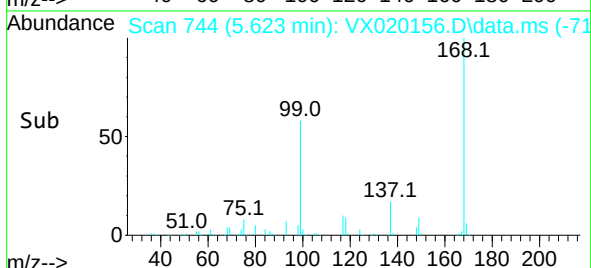
Tgt Ion: 75 Resp: 22885
Ion Ratio Lower Upper
75 100
110 8.5 18.1 54.4#
77 0.0 25.3 37.9#

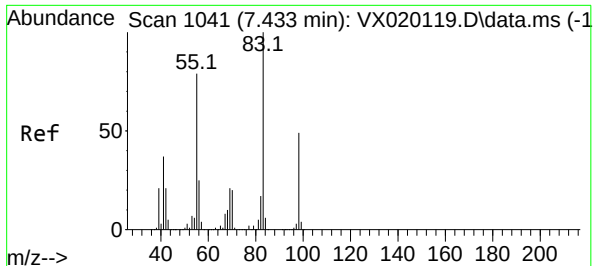


#38
Carbon Tetrachloride
Concen: 6.37 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48



Tgt Ion: 117 Resp: 29269
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 24.8 37.2#





#39

Methylcyclohexane

Concen: 0.26 ug/l

RT: 7.190 min Scan# 1001

Delta R.T. -0.243 min

Lab File: VX020156.D

Acq: 19 Dec 2020 07:48

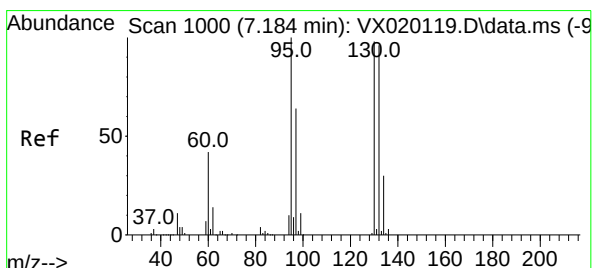
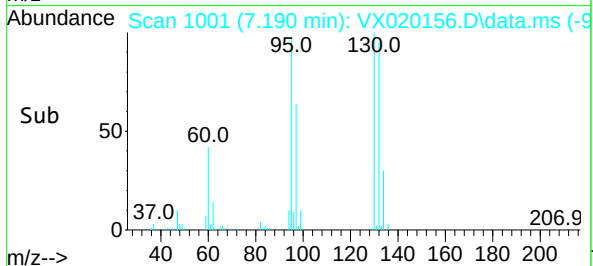
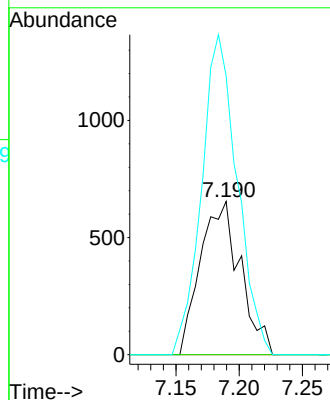
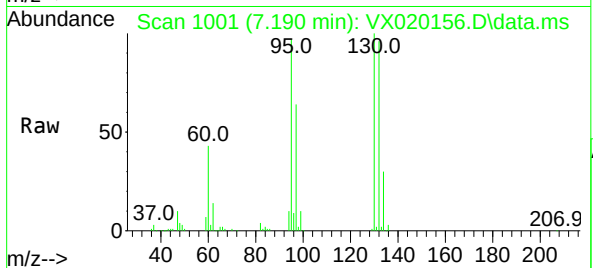
Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20201210DL

Tgt Ion:	83	Resp:	1437
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.9	88.3#
98	182.1	38.1	57.1#



#44

Trichloroethene

Concen: 27.89 ug/l

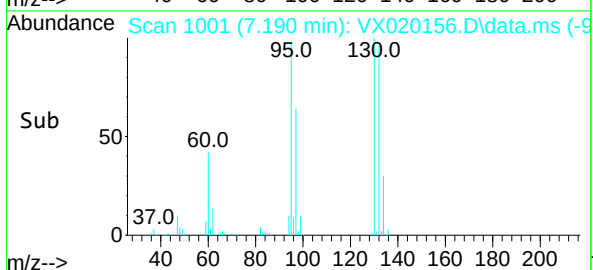
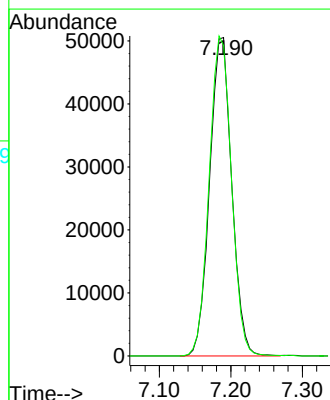
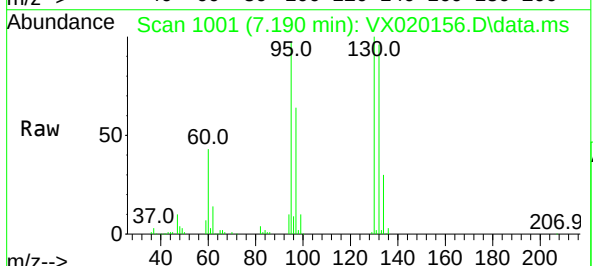
RT: 7.190 min Scan# 1001

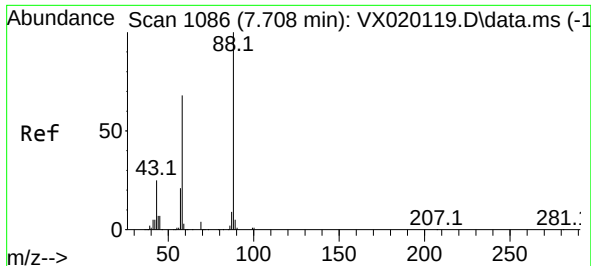
Delta R.T. 0.006 min

Lab File: VX020156.D

Acq: 19 Dec 2020 07:48

Tgt Ion:	130	Resp:	108493
Ion	Ratio	Lower	Upper
130	100		
95	97.5	0.0	198.0

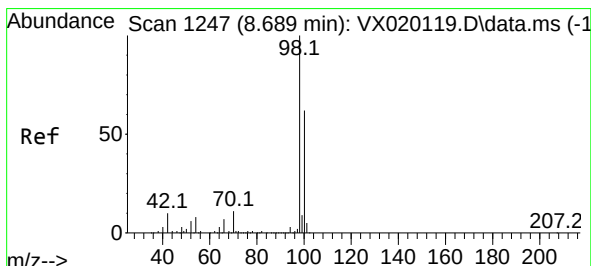
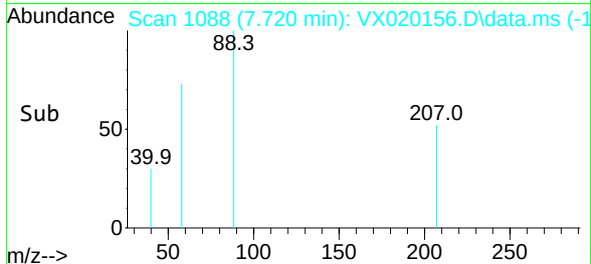
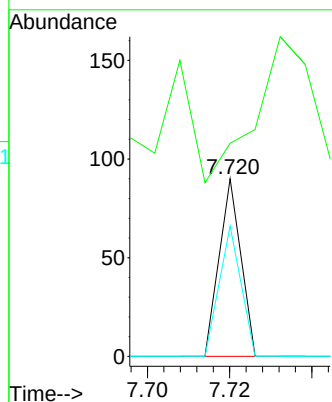
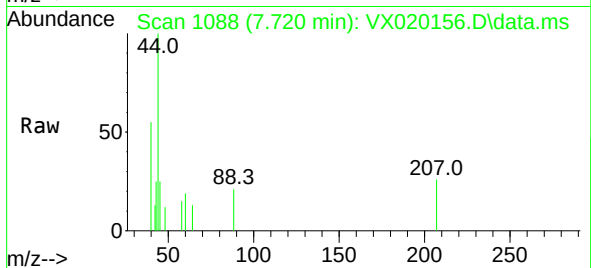




#49
1,4-Dioxane
Concen: 0.36 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

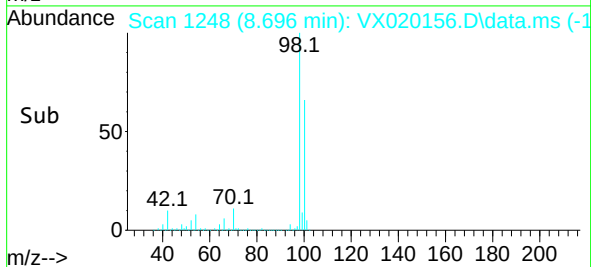
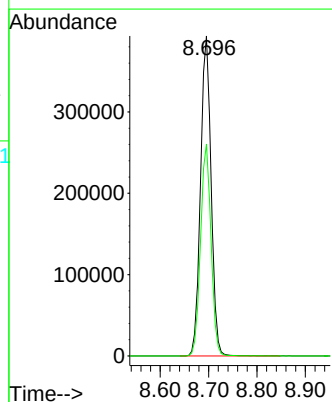
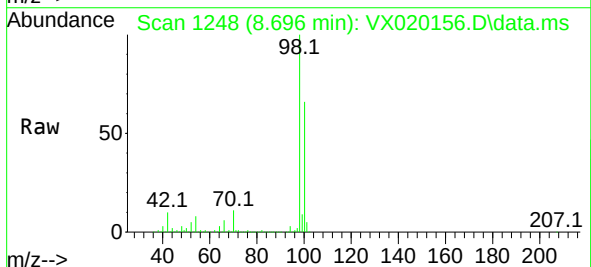
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

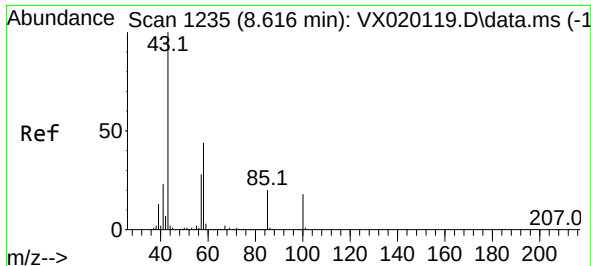
Tgt Ion: 88 Resp: 33
Ion Ratio Lower Upper
88 100
43 287.9 23.2 34.8#
58 72.7 55.0 82.4



#50
Toluene-d8
Concen: 49.43 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion: 98 Resp: 595266
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9

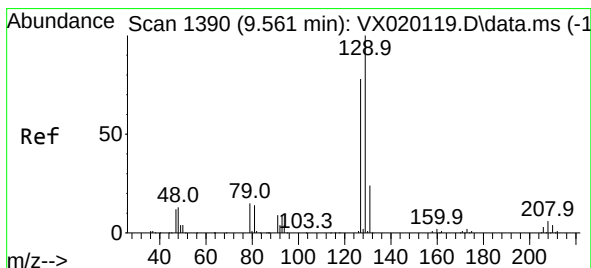
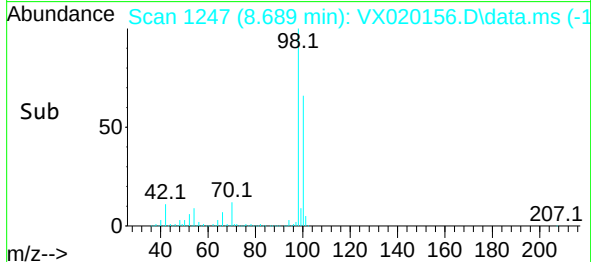
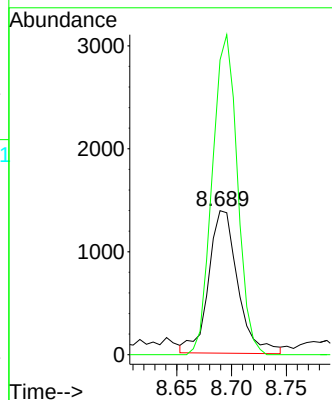
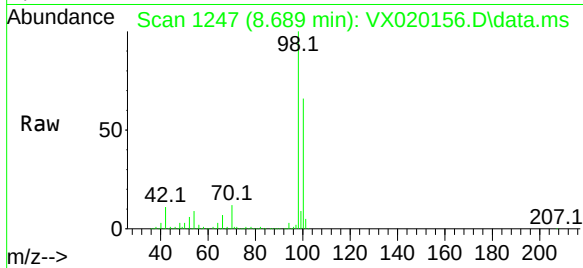




#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

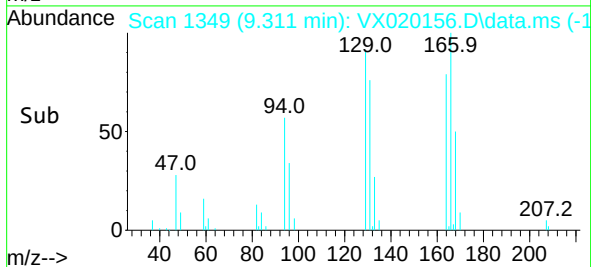
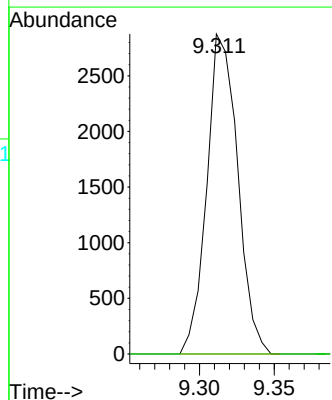
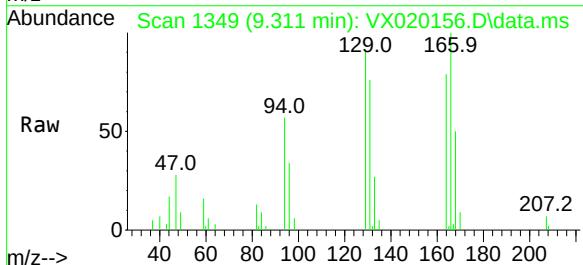
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

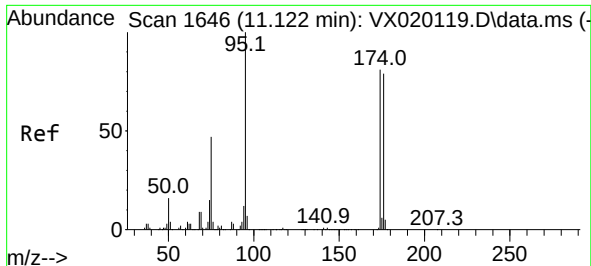
Tgt Ion: 43 Resp: 2576
Ion Ratio Lower Upper
43 100
58 192.0 35.4 53.0#



#60
Dibromochloromethane
Concen: 1.10 ug/l
RT: 9.311 min Scan# 1349
Delta R.T. -0.250 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion: 129 Resp: 4132
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

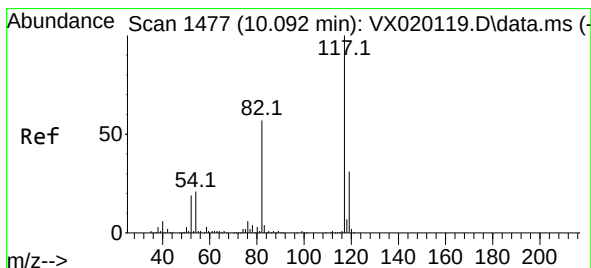
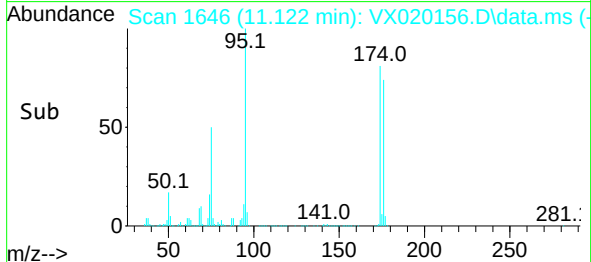
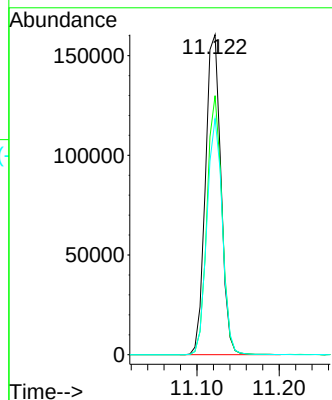
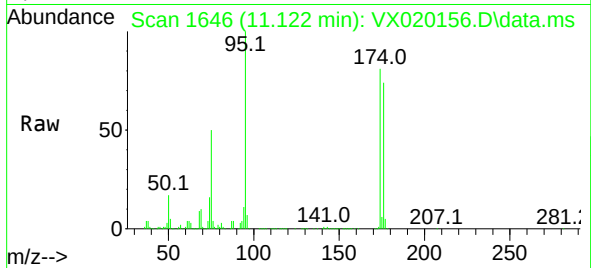




#62
4-Bromofluorobenzene
Concen: 45.50 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

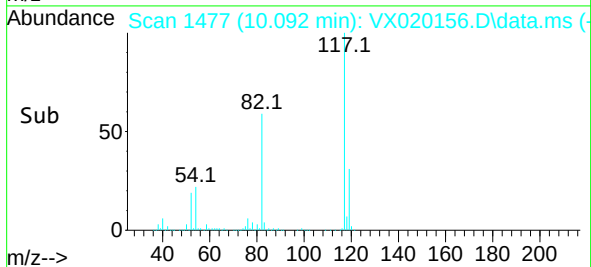
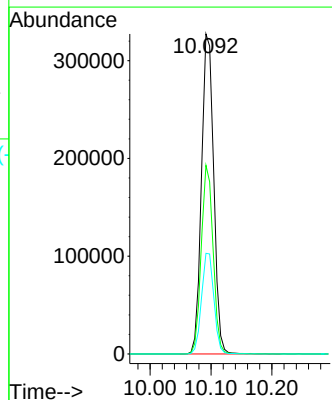
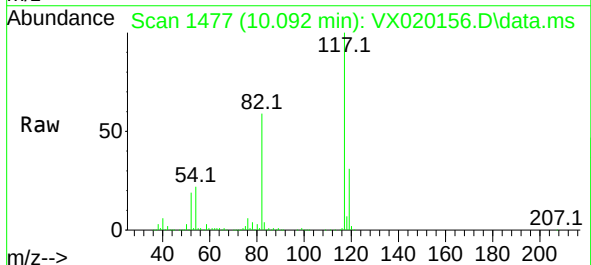
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

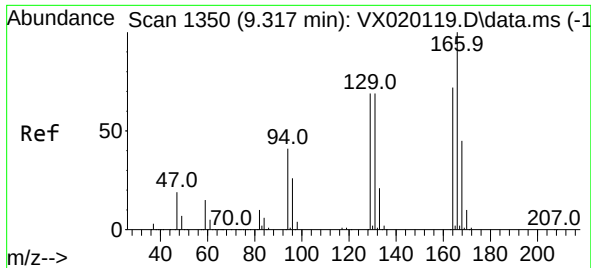
Tgt Ion: 95 Resp: 209725
Ion Ratio Lower Upper
95 100
174 78.3 0.0 154.6
176 73.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion: 117 Resp: 454496
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.5 26.6 39.8



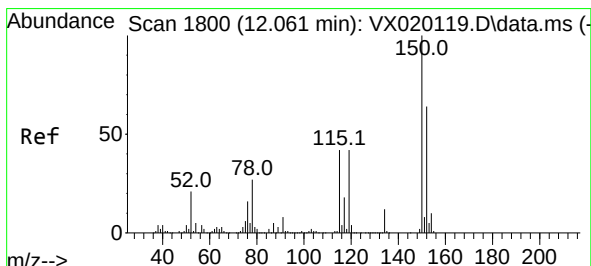
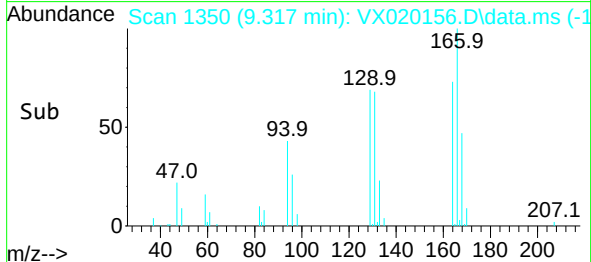
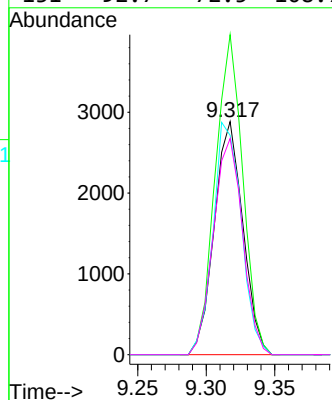
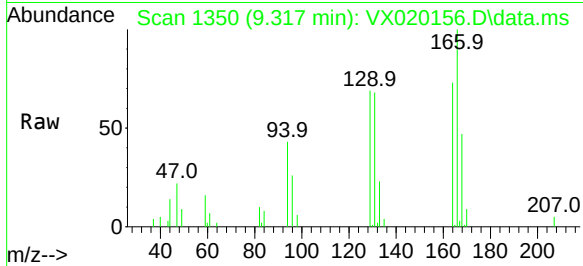


#64
Tetrachloroethene
Concen: 1.22 ug/l
RT: 9.317 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

Tgt Ion:164 Resp: 4184

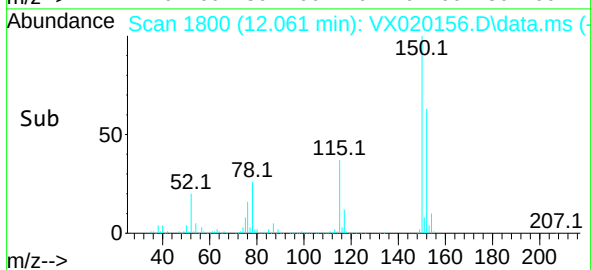
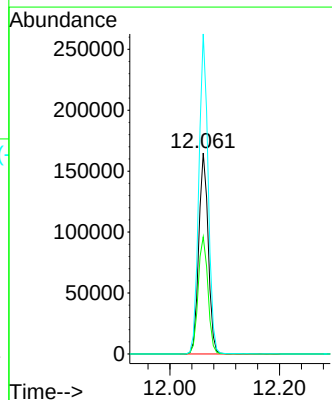
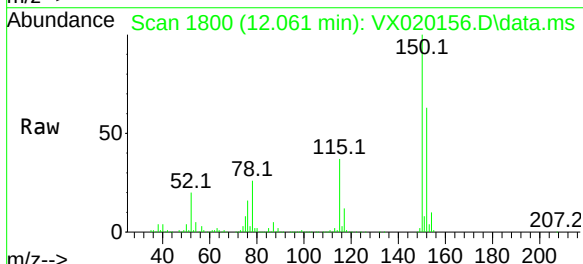
Ion	Ratio	Lower	Upper
164	100		
166	137.2	103.4	155.2
129	94.1	70.8	106.2
131	92.7	72.5	108.7

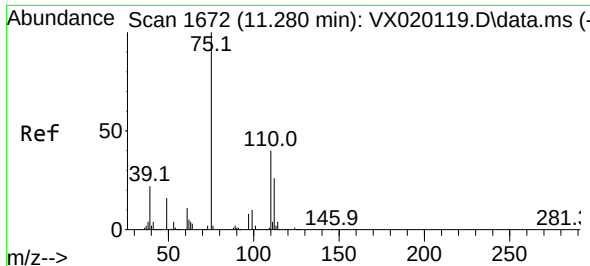


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion:152 Resp: 198366

Ion	Ratio	Lower	Upper
152	100		
115	60.2	41.1	123.3
150	156.6	0.0	349.0

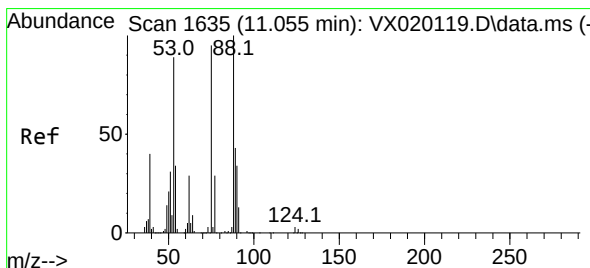
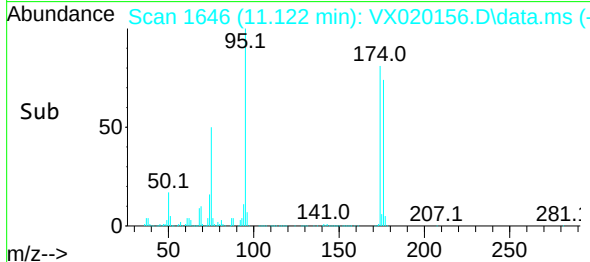
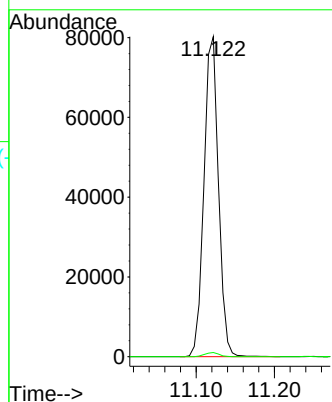
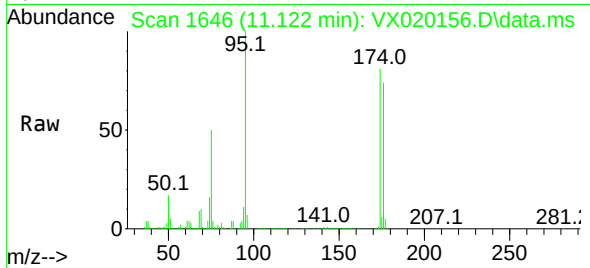




#76
1,2,3-Trichloropropane
Concen: 21.05 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20201210DL

Tgt Ion: 75 Resp: 102879
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020156.D
Acq: 19 Dec 2020 07:48

Tgt Ion: 75 Resp: 102879
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

