

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020170.D
 Acq On : 19 Dec 2020 14:51
 Operator : JC/MD
 Sample : L5053-10 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20201209

Quant Time: Dec 21 02:32:34 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)

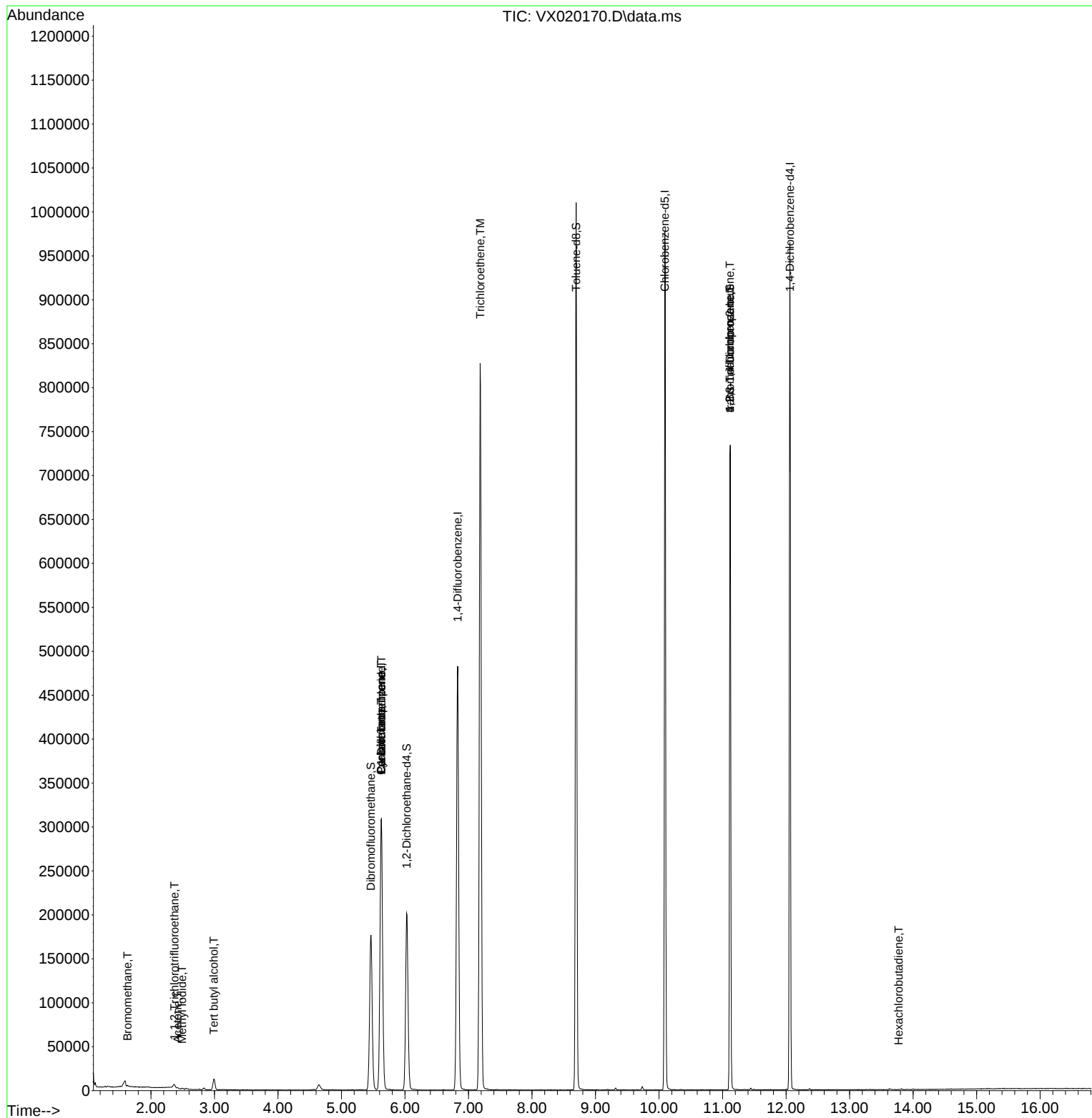
Internal Standards						
1) Pentafluorobenzene	5.629	168	300237	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	495541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	455166	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	197840	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	192623	47.86	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.72%
35) Dibromofluoromethane	5.464	113	153791	48.51	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.02%
50) Toluene-d8	8.696	98	601002	49.25	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.50%
62) 4-Bromofluorobenzene	11.116	95	212453	45.49	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.98%
Target Compounds						Qvalue
5) Bromomethane	1.630	94	827	0.63	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.367	101	859	0.29	ug/l	97
10) Methyl Iodide	2.489	142	1098	3.54	ug/l	98
11) Tert butyl alcohol	2.989	59	7798	8.65	ug/l #	75
16) Acetone	2.416	43	1562	0.85	ug/l	98
31) Cyclohexane	5.623	56	5926	1.07	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23160	4.73	ug/l #	49
38) Carbon Tetrachloride	5.629	117	28978	6.22	ug/l #	16
44) Trichloroethene	7.184	130	325693	82.65	ug/l	98
76) 1,2,3-Trichloropropane	11.116	75	101155	20.76	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	101155	61.58	ug/l #	12
94) Hexachlorobutadiene	13.774	225	91	2.69	ug/l #	37

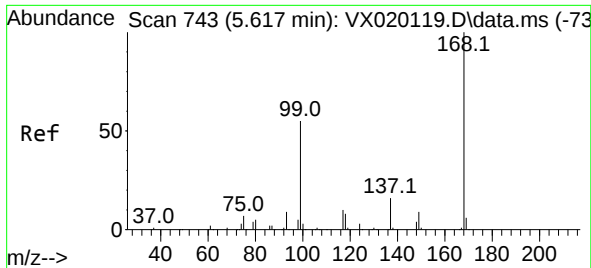
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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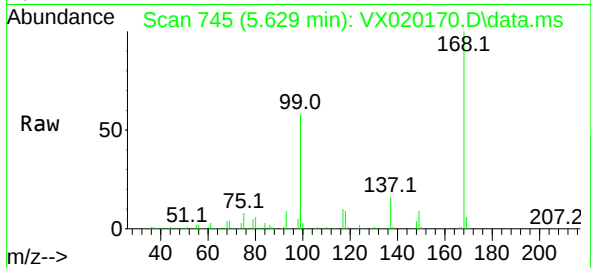
Quant Time: Dec 21 02:32:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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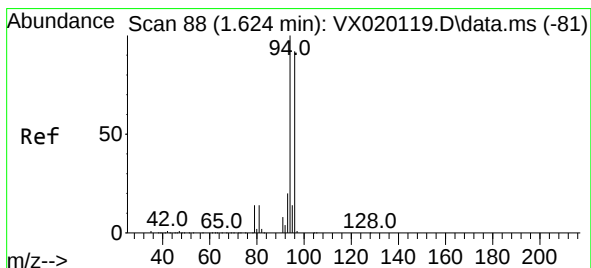
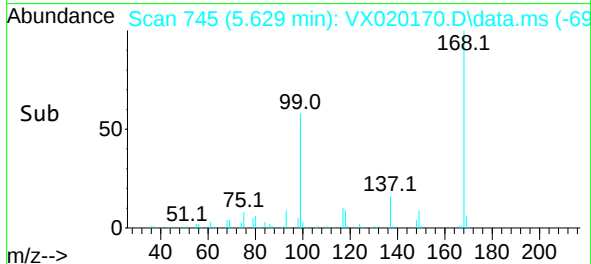
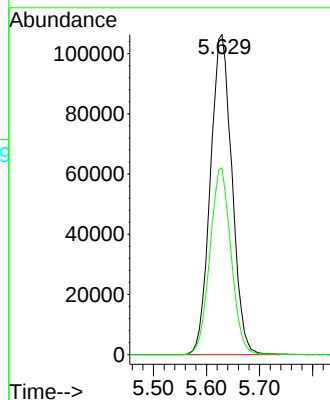


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209

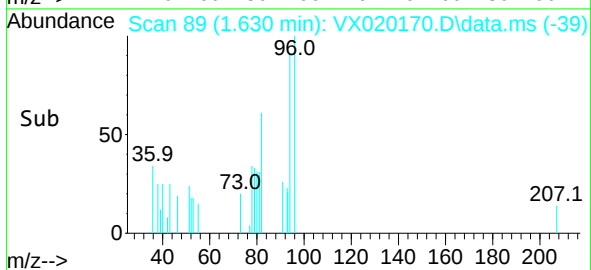
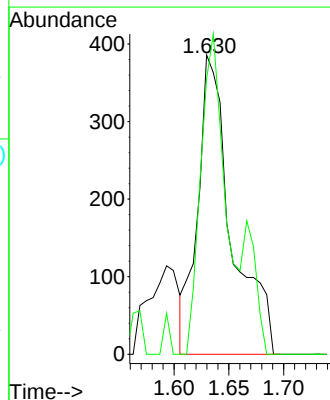
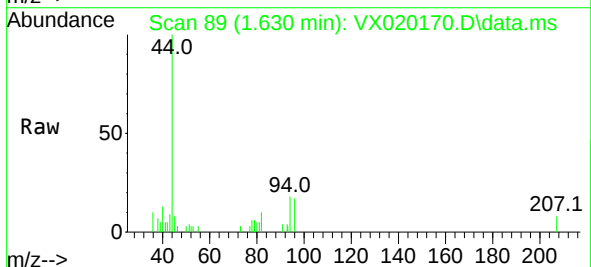


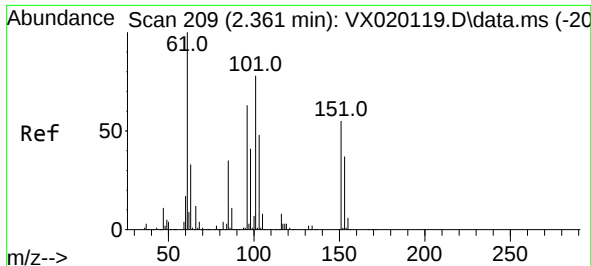
Tgt Ion:168 Resp: 300237
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#5
Bromomethane
Concen: 0.63 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Tgt Ion: 94 Resp: 827
Ion Ratio Lower Upper
94 100
96 92.0 76.4 114.6

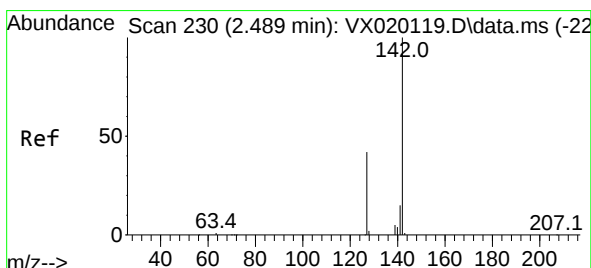
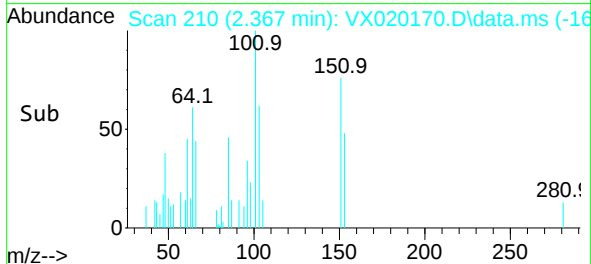
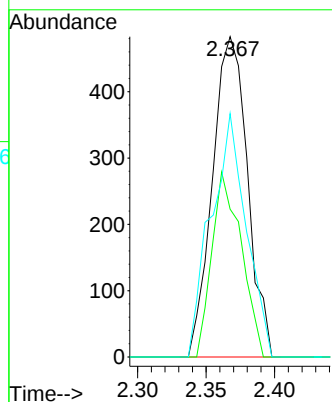
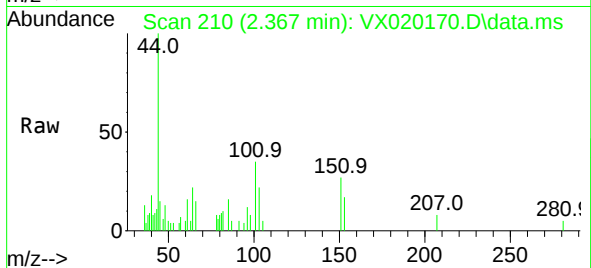




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.29 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.006 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

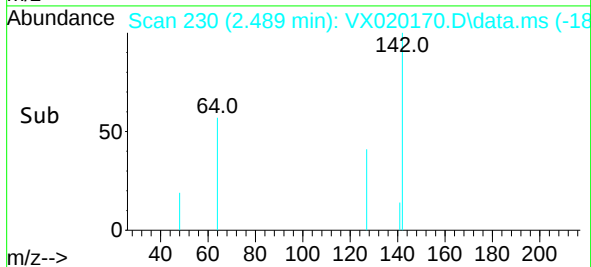
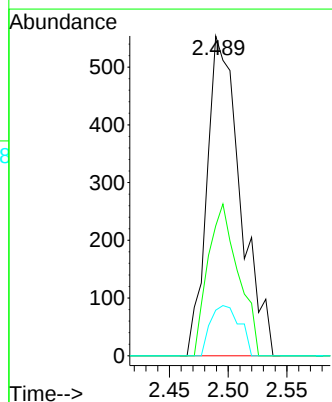
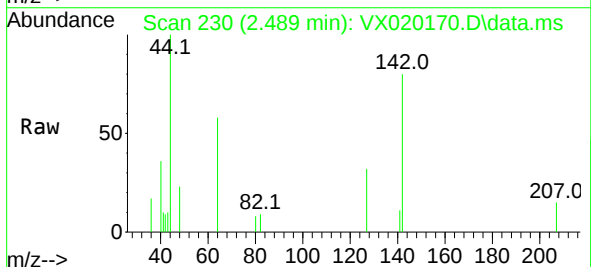
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209

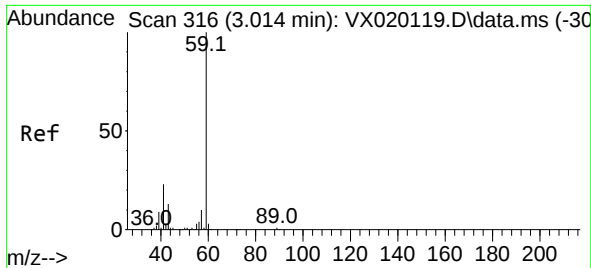
Tgt Ion:	101	Resp:	859
Ion	Ratio	Lower	Upper
101	100		
85	48.3	34.9	52.3
151	76.4	61.4	92.2



#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Tgt Ion:	142	Resp:	1098
Ion	Ratio	Lower	Upper
142	100		
127	43.2	33.3	49.9
141	13.7	11.4	17.0

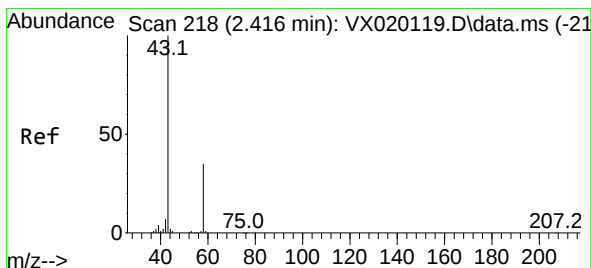
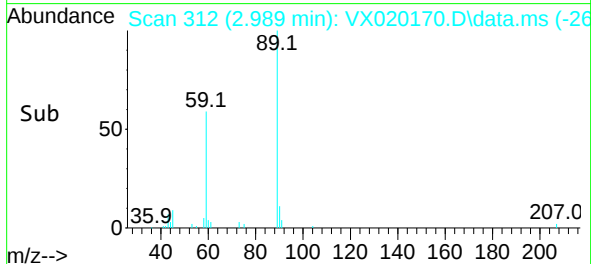
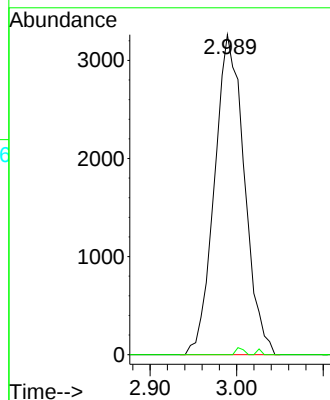
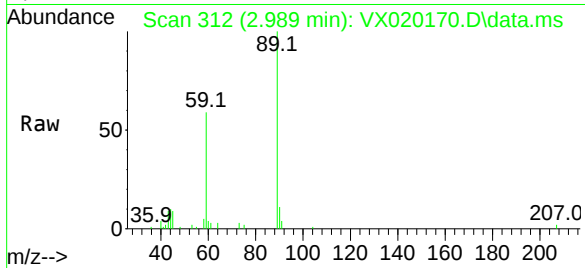




#11
Tert butyl alcohol
Concen: 8.65 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

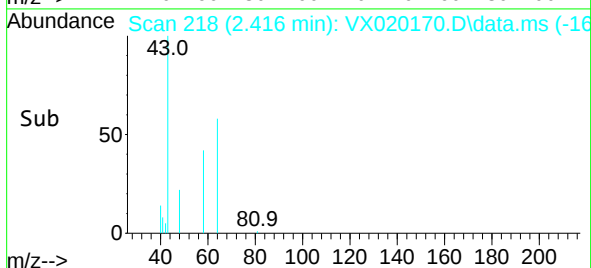
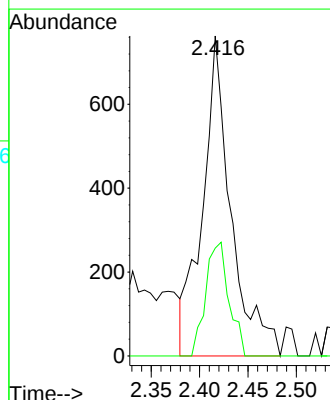
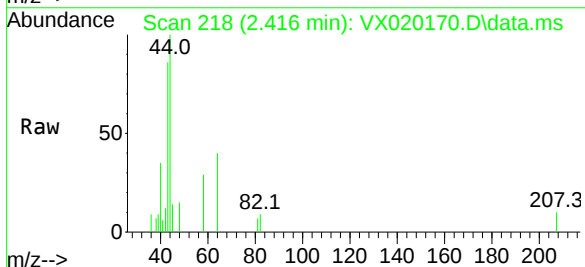
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209

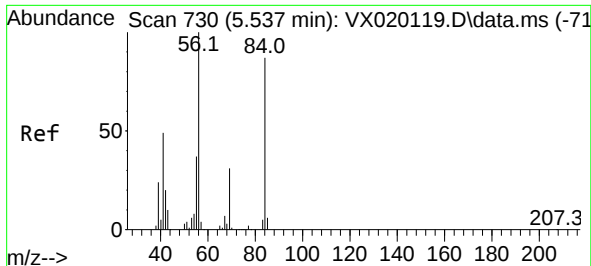
Tgt Ion: 59 Resp: 7798
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.8#



#16
Acetone
Concen: 0.85 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

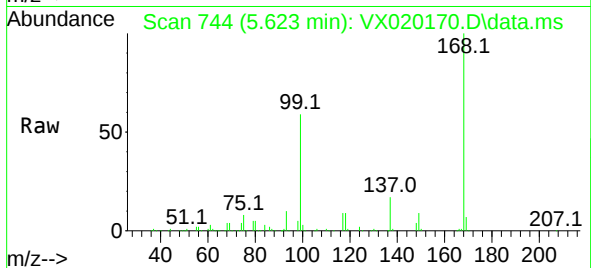
Tgt Ion: 43 Resp: 1562
Ion Ratio Lower Upper
43 100
58 33.7 27.8 41.8



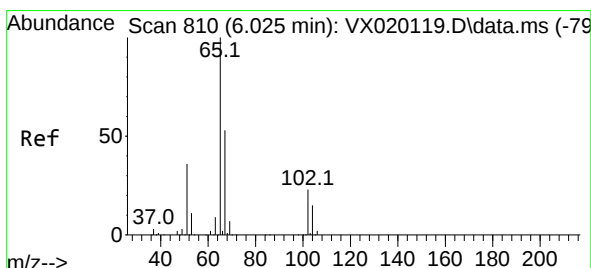
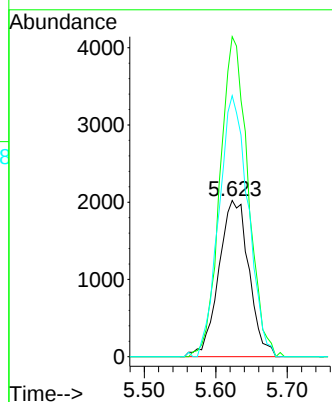
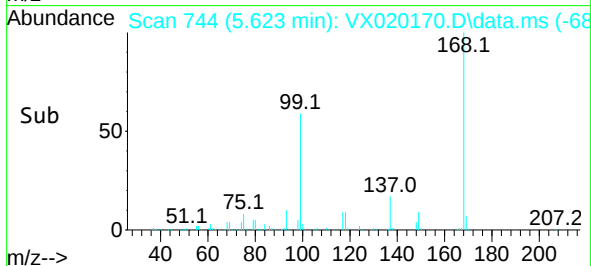


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

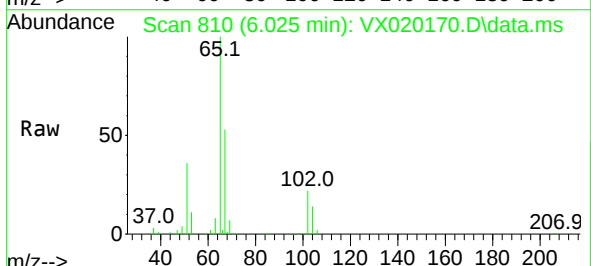
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209



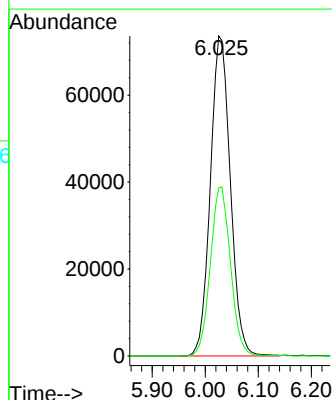
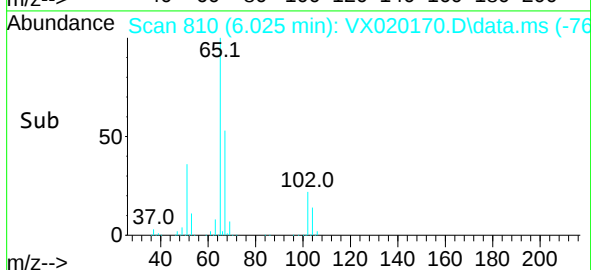
Tgt Ion: 56 Resp: 5926
Ion Ratio Lower Upper
56 100
69 204.8 25.3 37.9#
84 167.0 71.4 107.0#

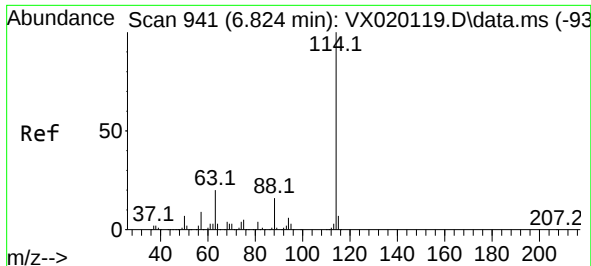


#33
1,2-Dichloroethane-d4
Concen: 47.86 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51



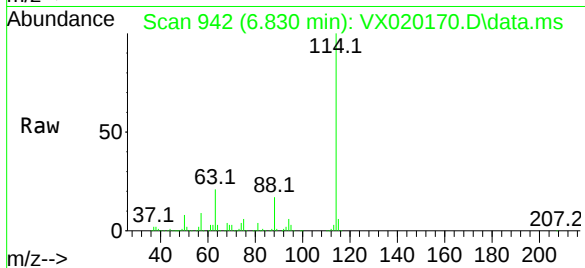
Tgt Ion: 65 Resp: 192623
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



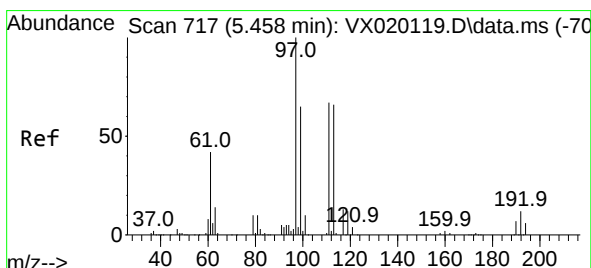
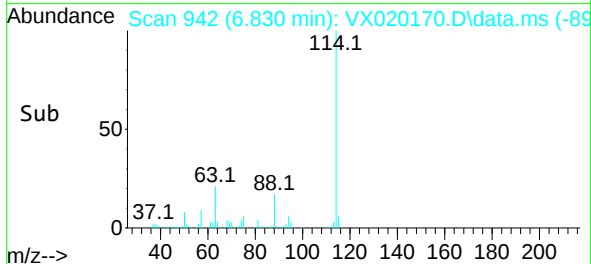
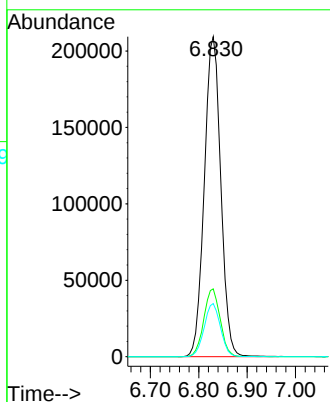


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209

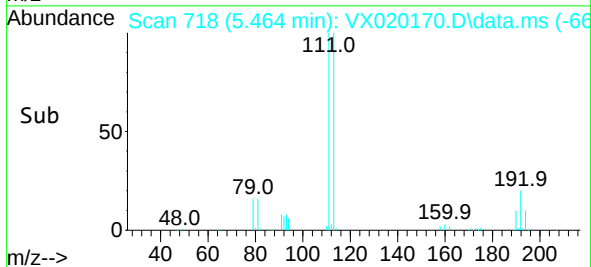
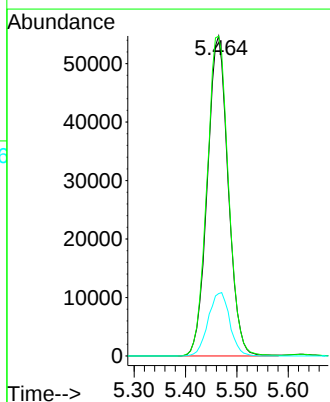
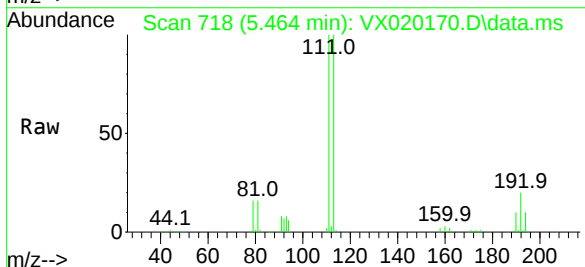


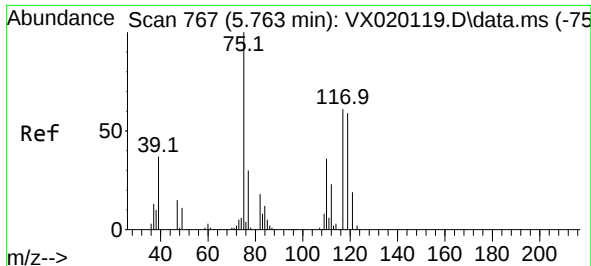
Tgt Ion:114 Resp: 495541
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.51 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

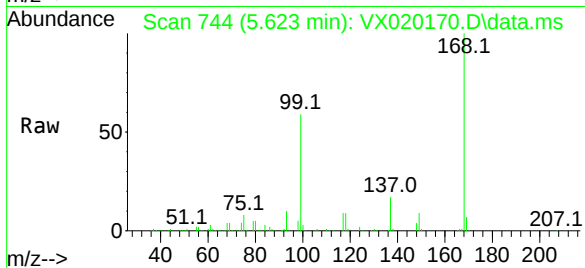
Tgt Ion:113 Resp: 153791
Ion Ratio Lower Upper
113 100
111 103.1 81.9 122.9
192 20.5 16.7 25.1



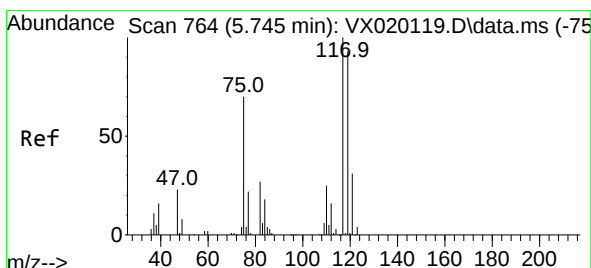
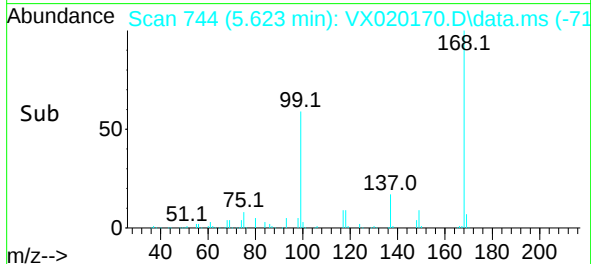
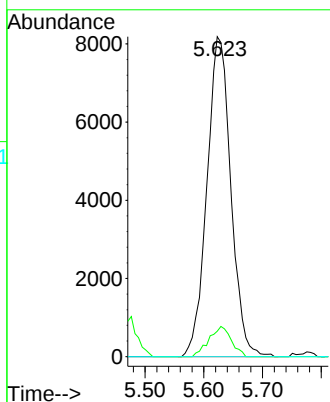


#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Instrument :
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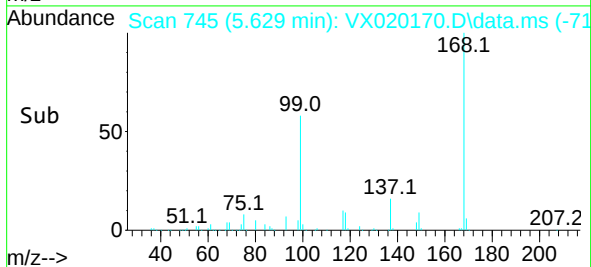
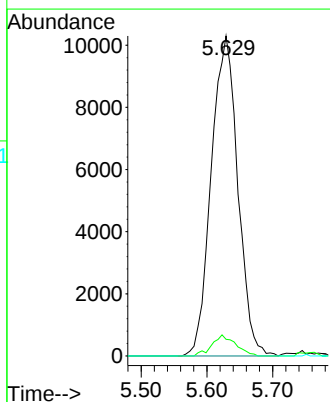
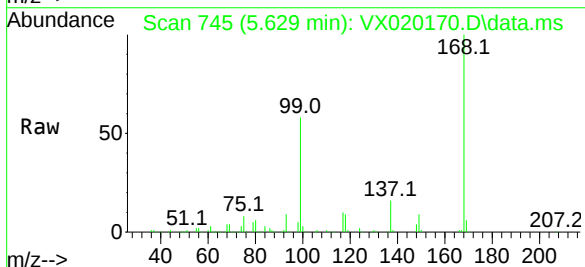


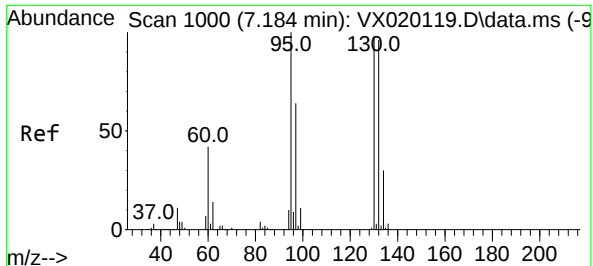
Tgt Ion: 75 Resp: 23160
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.22 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Tgt Ion: 117 Resp: 28978
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

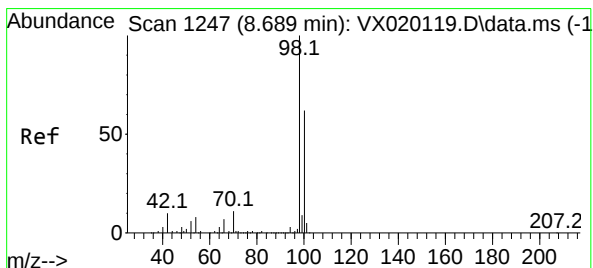
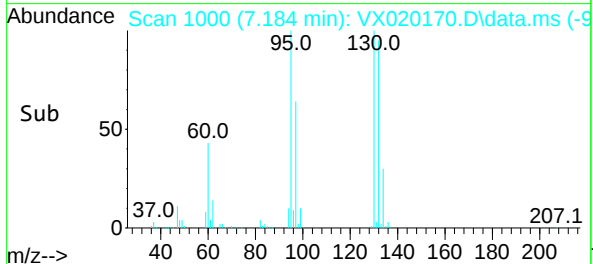
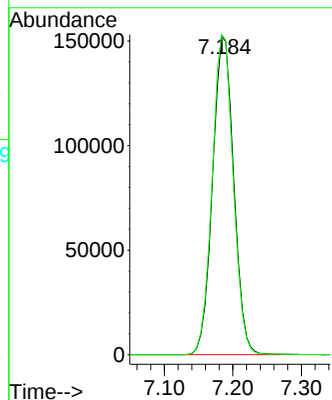
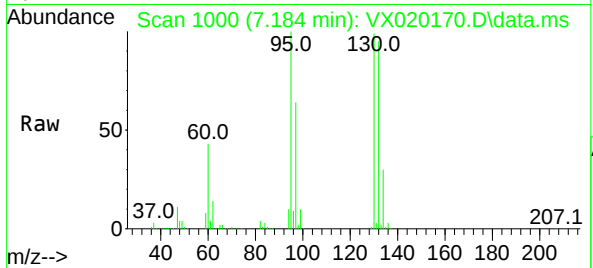




#44
Trichloroethene
Concen: 82.65 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

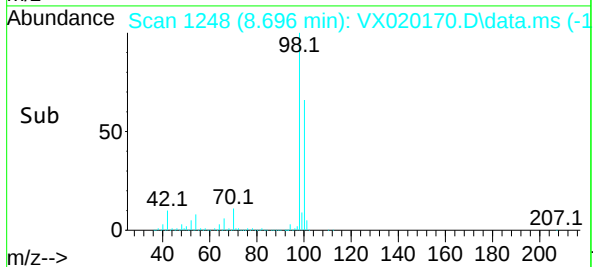
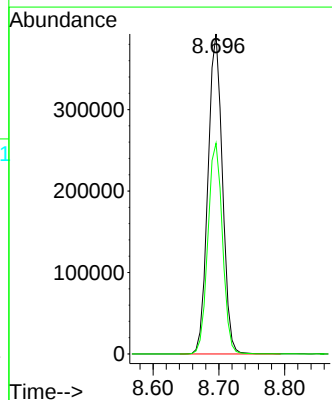
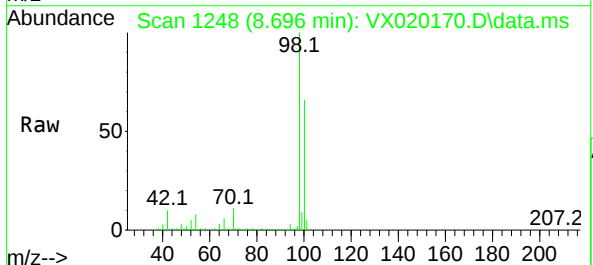
Instrument :
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RE122D2-20201209

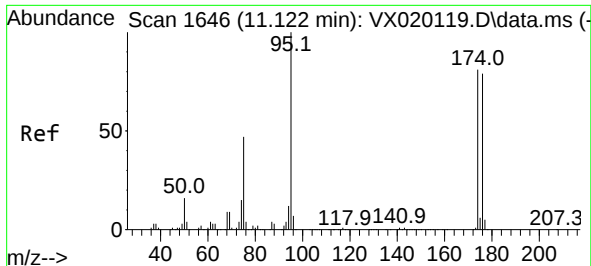
Tgt Ion:130 Resp: 325693
Ion Ratio Lower Upper
130 100
95 100.5 0.0 198.0



#50
Toluene-d8
Concen: 49.25 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Tgt Ion: 98 Resp: 601002
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

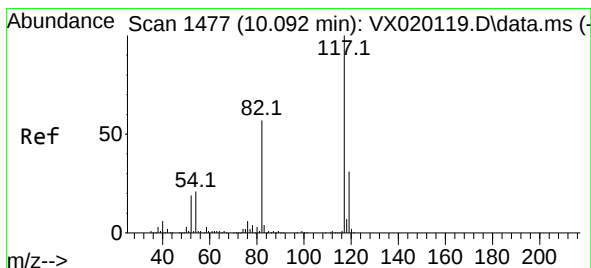
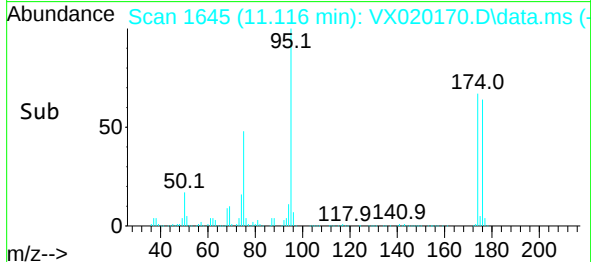
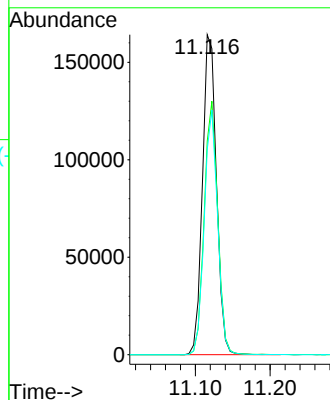
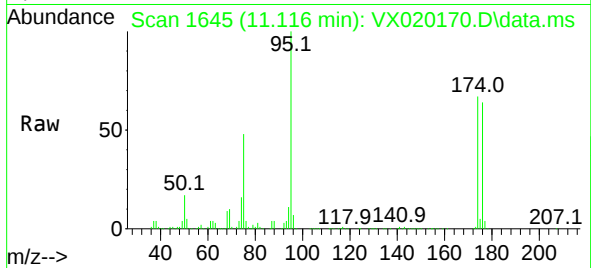




#62
4-Bromofluorobenzene
Concen: 45.49 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

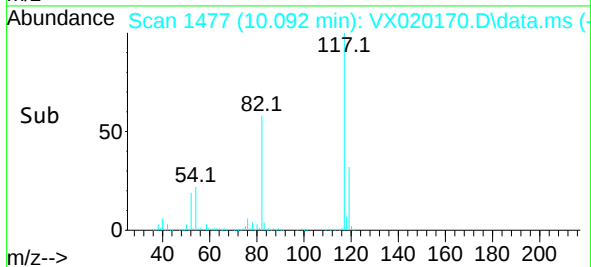
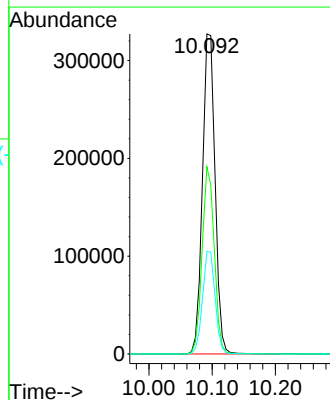
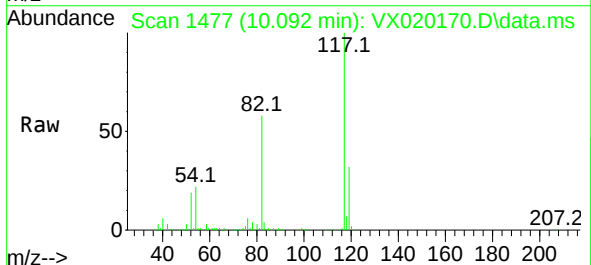
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209

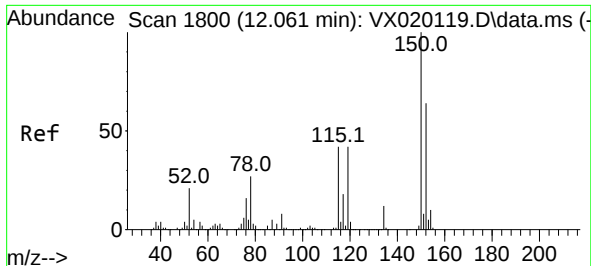
Tgt Ion: 95 Resp: 212453
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 73.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Tgt Ion: 117 Resp: 455166
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 32.1 26.6 39.8

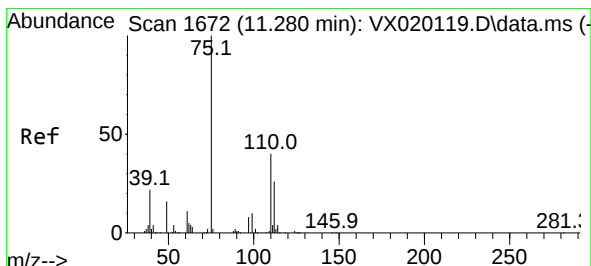
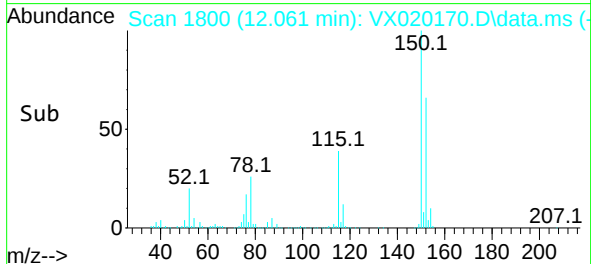
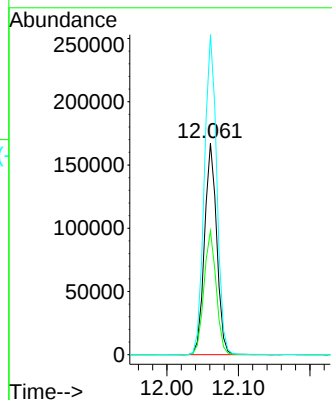
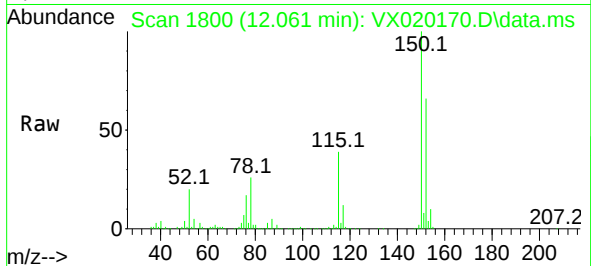




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

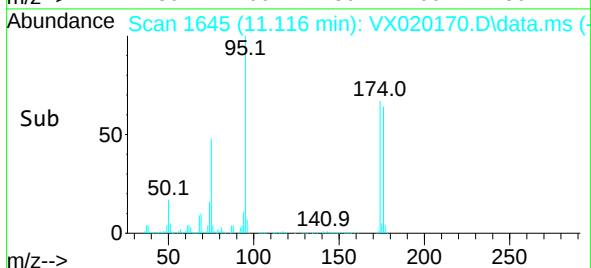
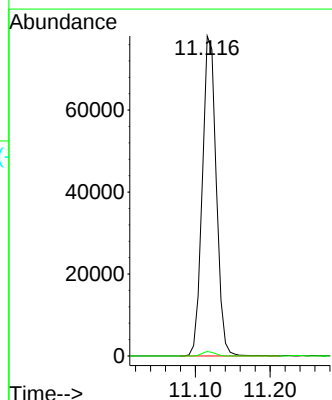
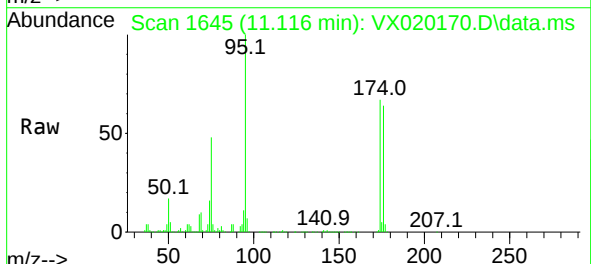
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209

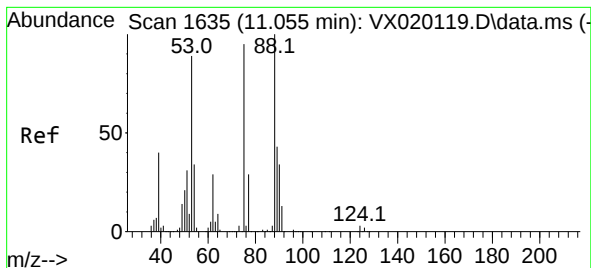
Tgt Ion:152 Resp: 197840
Ion Ratio Lower Upper
152 100
115 58.6 41.1 123.3
150 154.8 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.76 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Tgt Ion: 75 Resp: 101155
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#

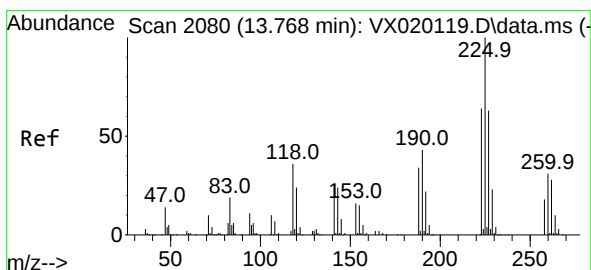
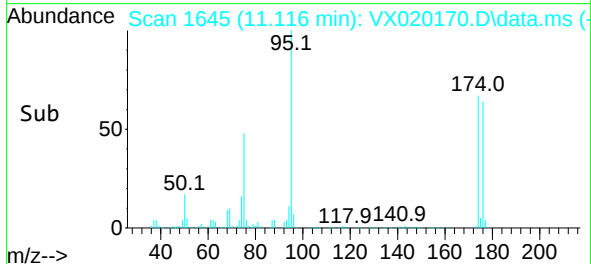
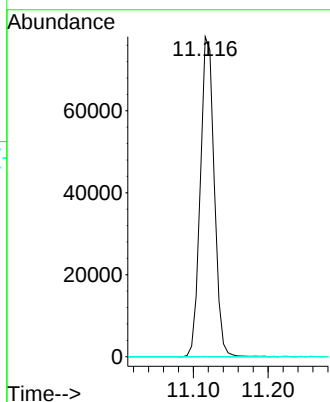
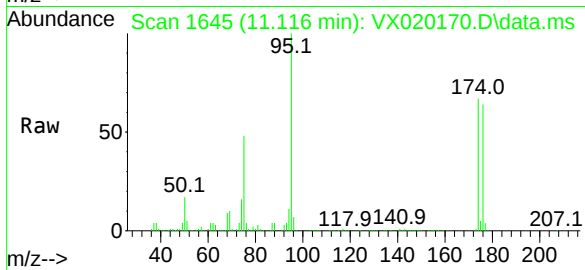




#81
trans-1,4-Dichloro-2-butene
Concen: 61.58 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20201209

Tgt Ion: 75 Resp: 101155
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.69 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX020170.D
Acq: 19 Dec 2020 14:51

Tgt Ion: 225 Resp: 91
Ion Ratio Lower Upper
225 100
223 0.0 31.1 93.2#
227 27.5 31.6 95.0#

