

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020135.D
 Acq On : 18 Dec 2020 18:42
 Operator : JC/MD
 Sample : L5053-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D3-20201209

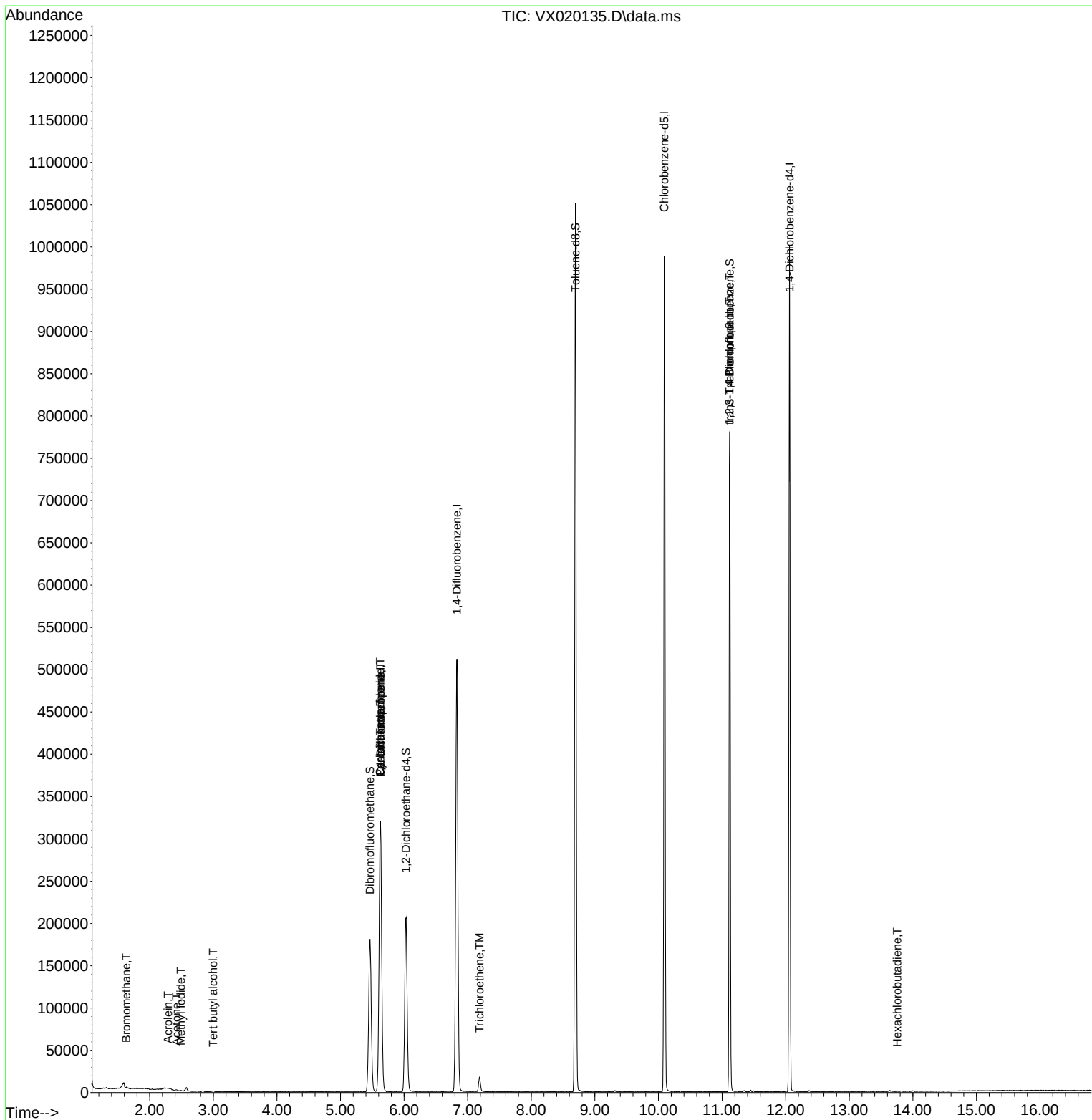
Quant Time: Dec 19 04:49:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

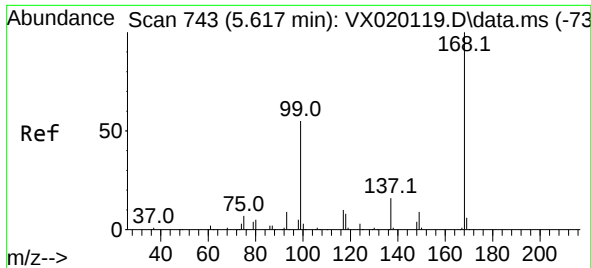
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	313088	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	520965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	470753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	204523	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	198650	47.33	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.66%		
35) Dibromofluoromethane	5.464	113	158602	47.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.18%		
50) Toluene-d8	8.696	98	628008	48.96	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.92%		
62) 4-Bromofluorobenzene	11.122	95	218778	44.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.12%		
Target Compounds						Qvalue
5) Bromomethane	1.630	94	862	0.63	ug/l #	73
10) Methyl Iodide	2.489	142	843	3.47	ug/l #	88
11) Tert butyl alcohol	2.995	59	657	0.70	ug/l #	73
13) Acrolein	2.288	56	164	0.28	ug/l #	70
16) Acetone	2.416	43	1104	0.58	ug/l	92
31) Cyclohexane	5.623	56	6032	1.04	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	24031	4.67	ug/l #	48
38) Carbon Tetrachloride	5.623	117	30778	6.28	ug/l #	16
44) Trichloroethene	7.184	130	6177	1.49	ug/l	87
76) 1,2,3-Trichloropropane	11.116	75	105210	20.88	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	105210	61.96	ug/l #	12
94) Hexachlorobutadiene	13.756	225	76	2.68	ug/l	83

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

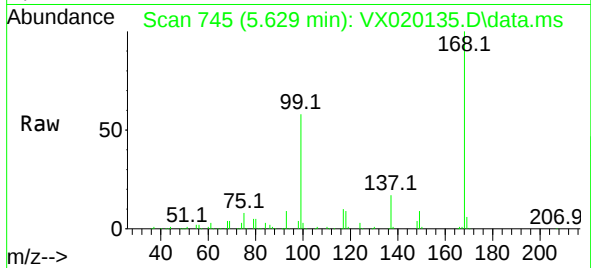
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



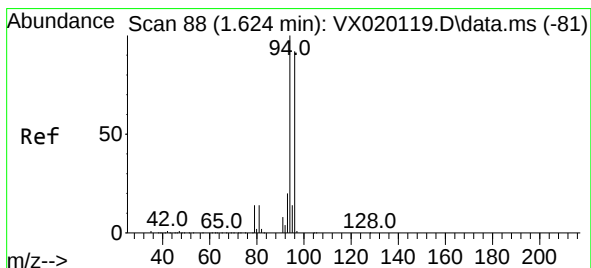
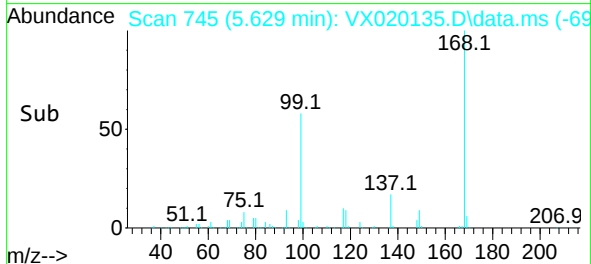
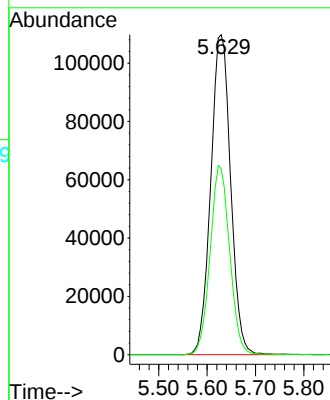


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209

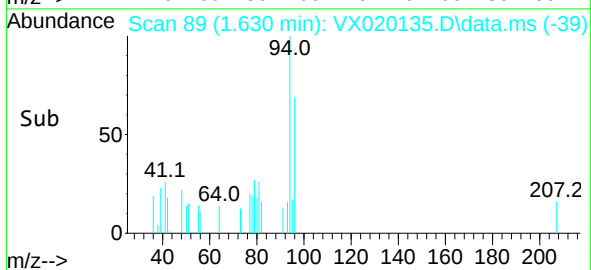
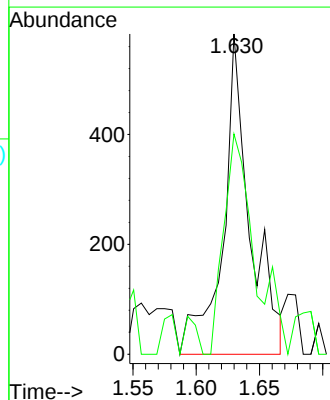
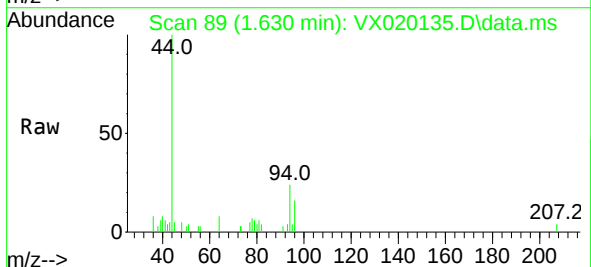


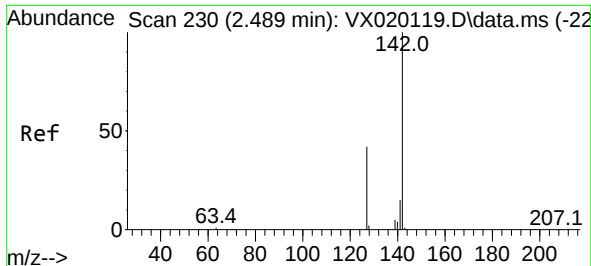
Tgt Ion:168 Resp: 313088
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.63 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

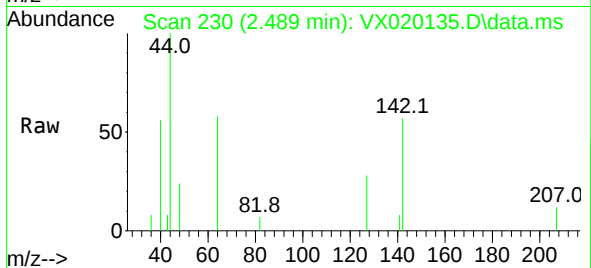
Tgt Ion: 94 Resp: 862
Ion Ratio Lower Upper
94 100
96 68.8 76.4 114.6#



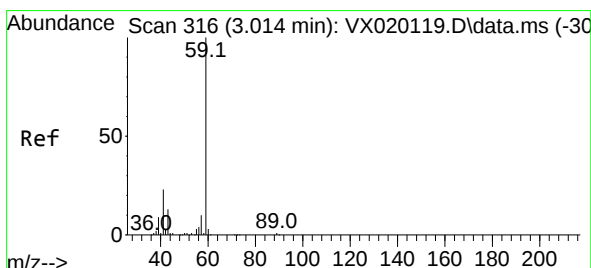
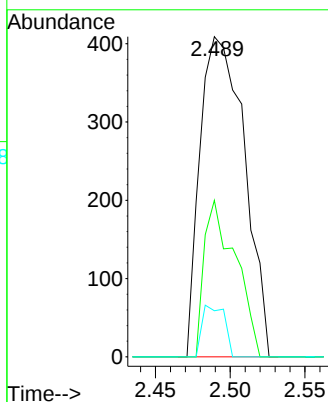
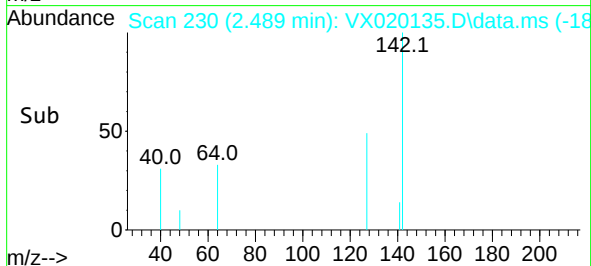


#10
Methyl Iodide
Concen: 3.47 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

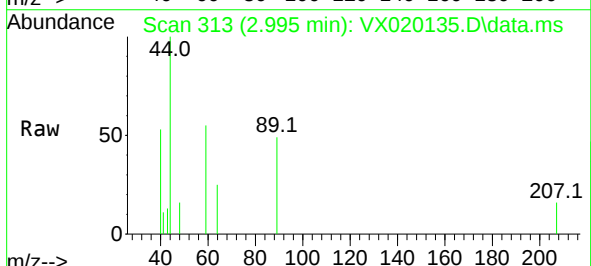
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209



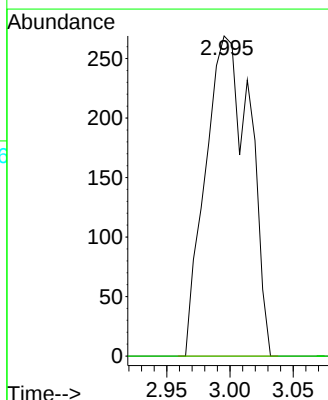
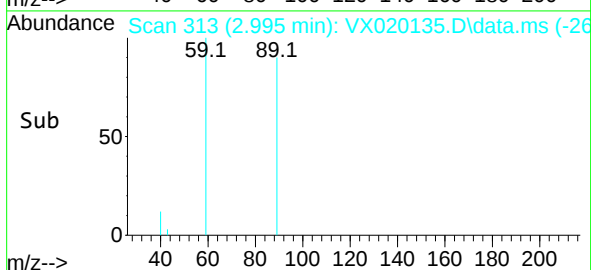
Tgt Ion:	142	Resp:	843
Ion	Ratio	Lower	Upper
142	100		
127	34.6	33.3	49.9
141	8.1	11.4	17.0#

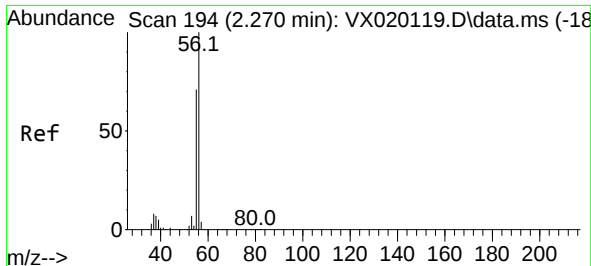


#11
Tert butyl alcohol
Concen: 0.70 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42



Tgt Ion:	59	Resp:	657
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

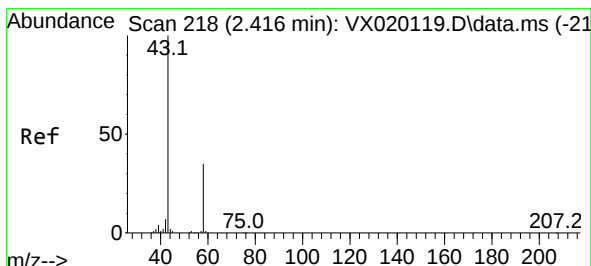
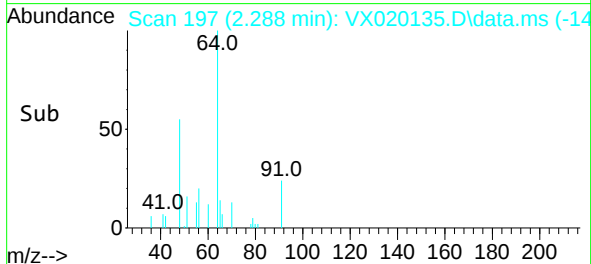
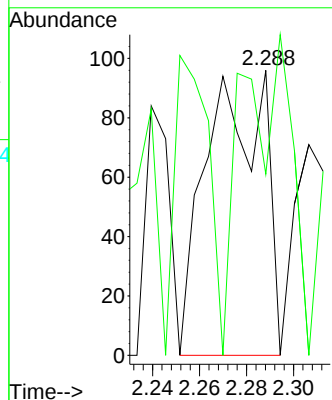
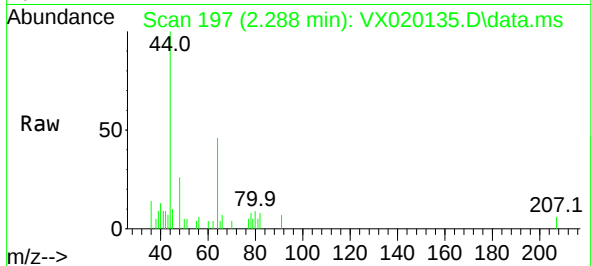




#13
Acrolein
Concen: 0.28 ug/l
RT: 2.288 min Scan# 197
Delta R.T. 0.018 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

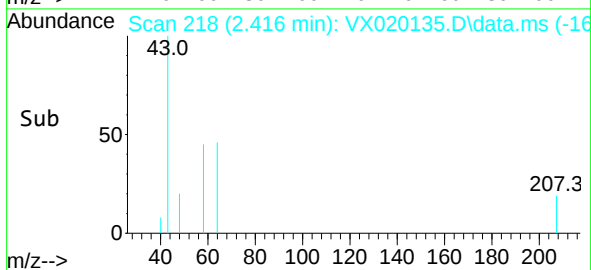
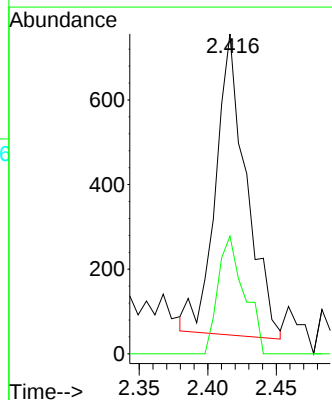
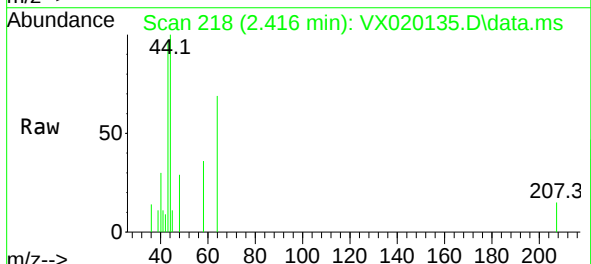
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209

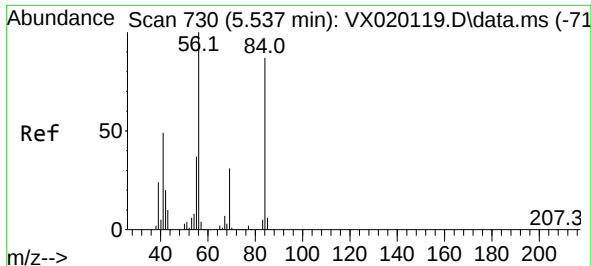
Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 95.1 56.4 84.6#



#16
Acetone
Concen: 0.58 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

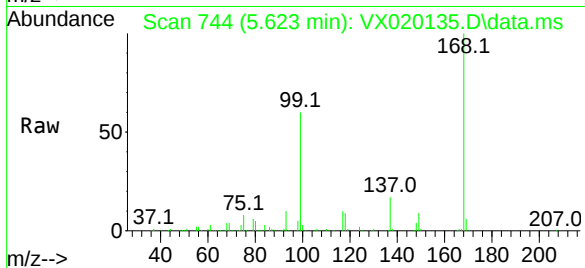
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
58 39.6 27.8 41.8



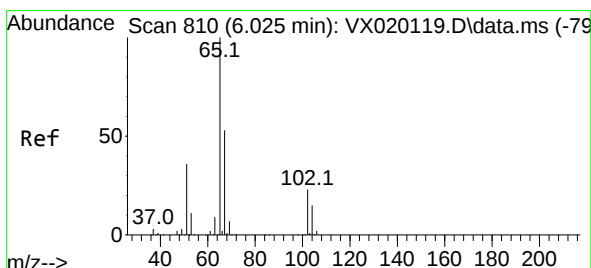
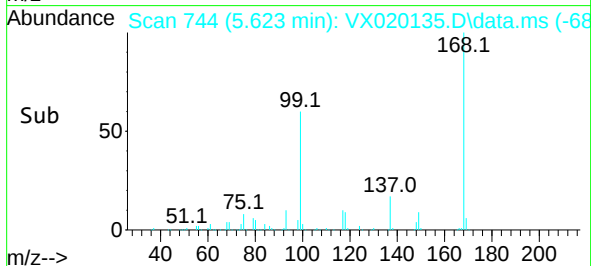
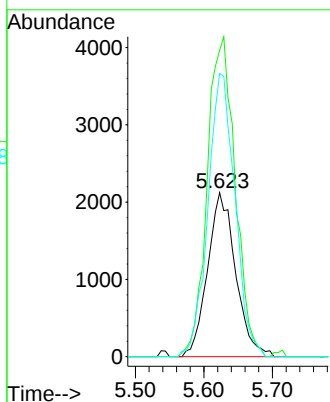


#31
Cyclohexane
Concen: 1.04 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209

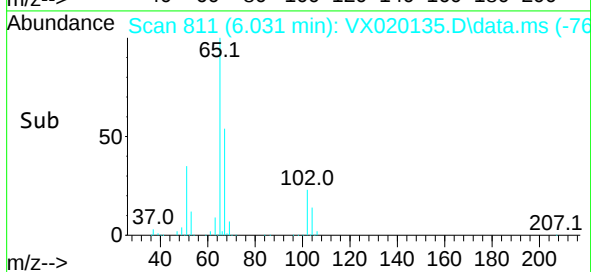
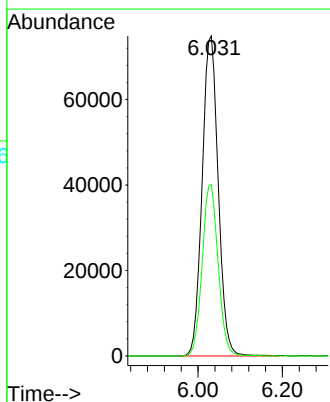
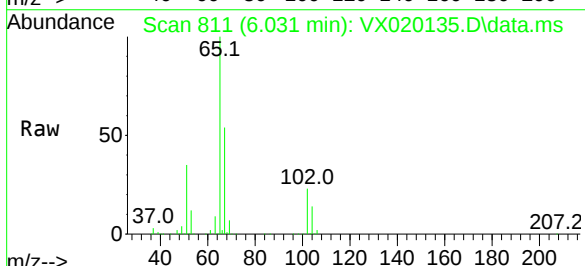


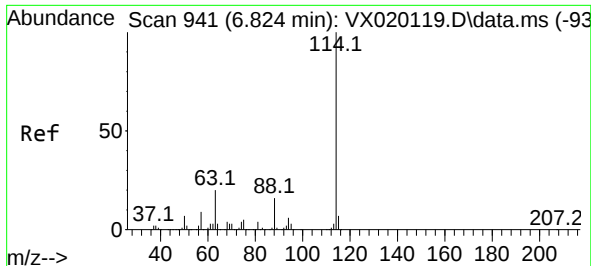
Tgt Ion: 56 Resp: 6032
Ion Ratio Lower Upper
56 100
69 186.7 25.3 37.9#
84 172.7 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 47.33 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

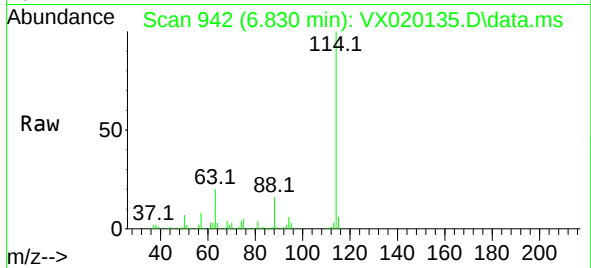
Tgt Ion: 65 Resp: 198650
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.4



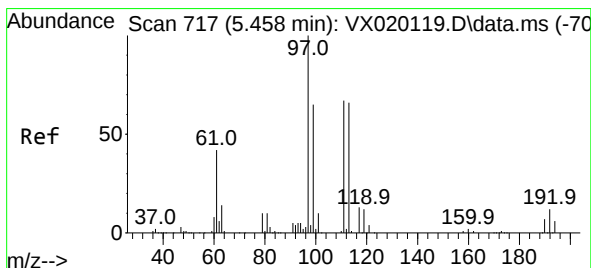
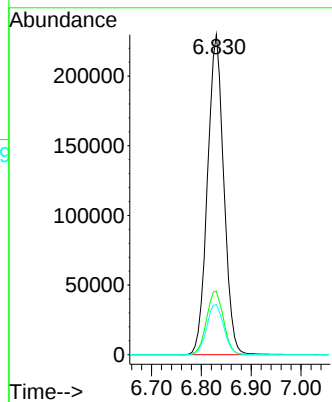
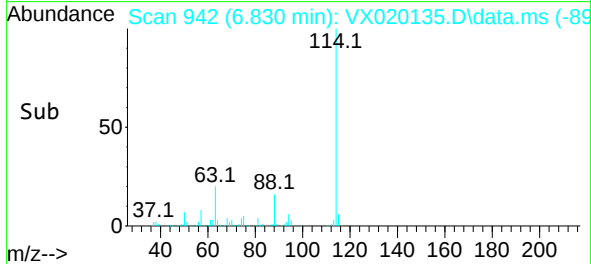


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

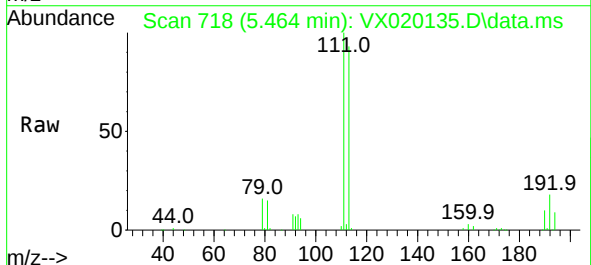
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209



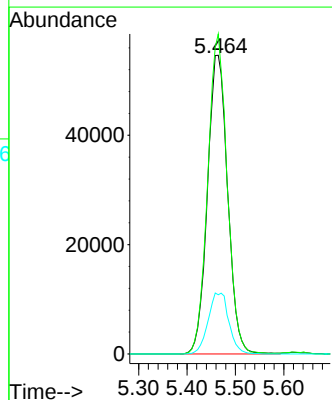
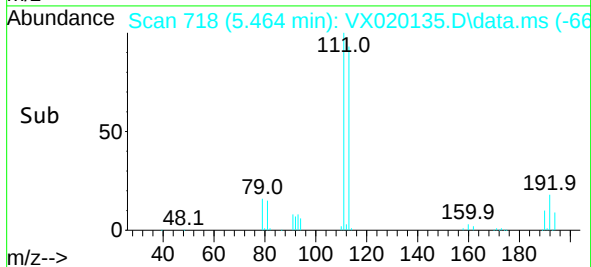
Tgt Ion:114 Resp: 520965
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.6 0.0 32.8

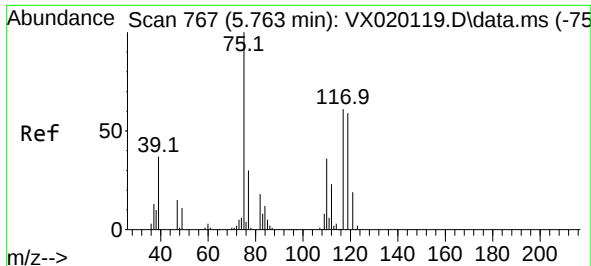


#35
Dibromofluoromethane
Concen: 47.59 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42



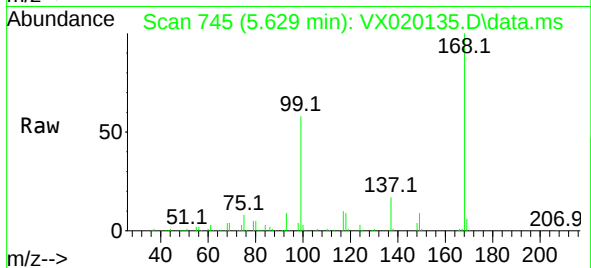
Tgt Ion:113 Resp: 158602
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 20.9 16.7 25.1



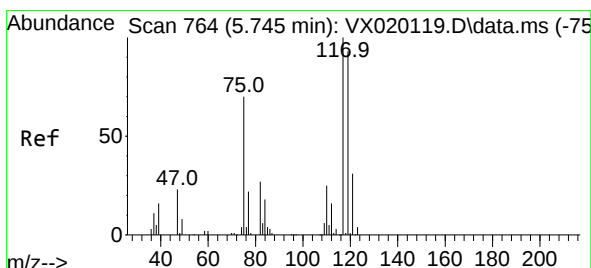
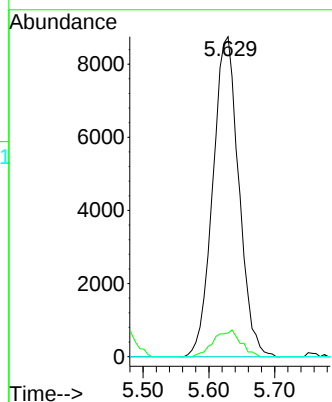
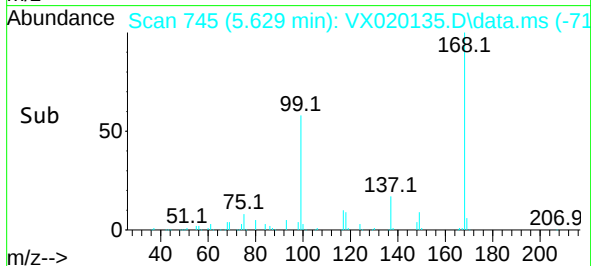


#36
1,1-Dichloropropene
Concen: 4.67 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

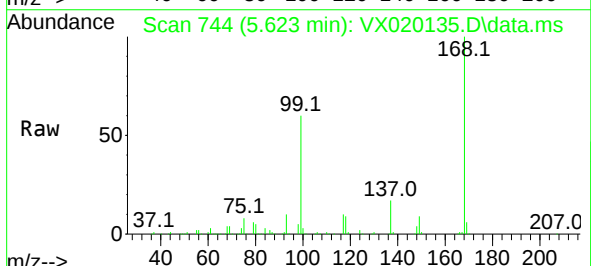
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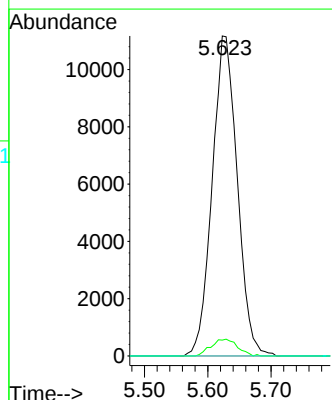
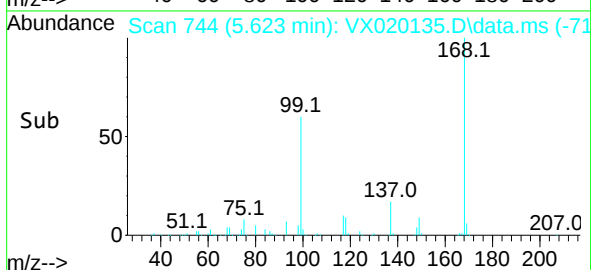
Tgt Ion: 75 Resp: 24031
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#

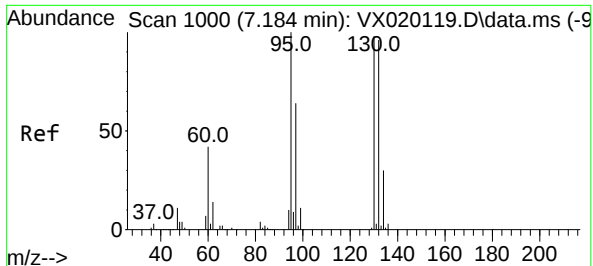


#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42



Tgt Ion: 117 Resp: 30778
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

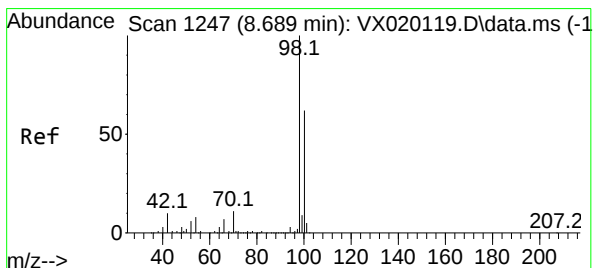
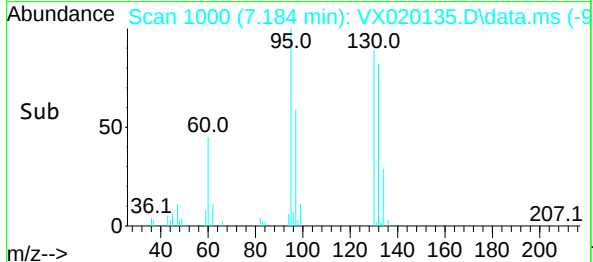
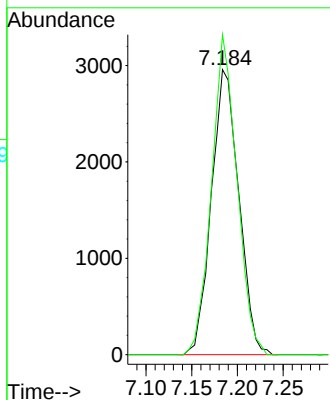
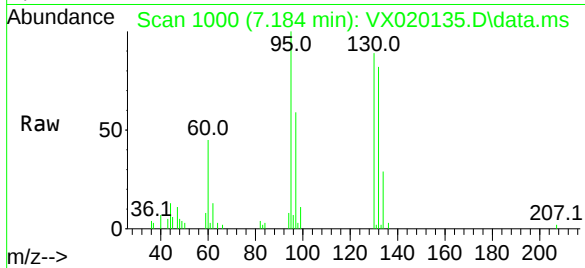




#44
Trichloroethene
Concen: 1.49 ug/l
RT: 7.184 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

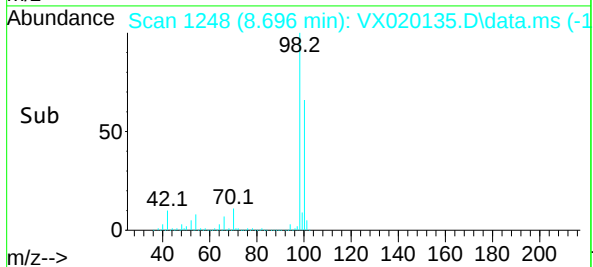
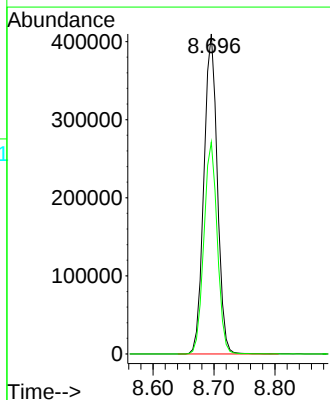
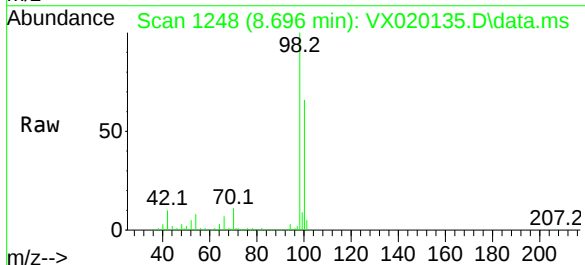
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209

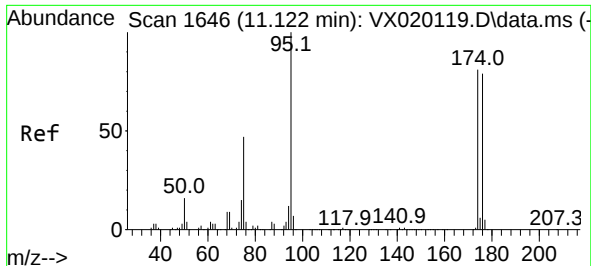
Tgt Ion:130 Resp: 6177
Ion Ratio Lower Upper
130 100
95 112.2 0.0 198.0



#50
Toluene-d8
Concen: 48.96 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

Tgt Ion: 98 Resp: 628008
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

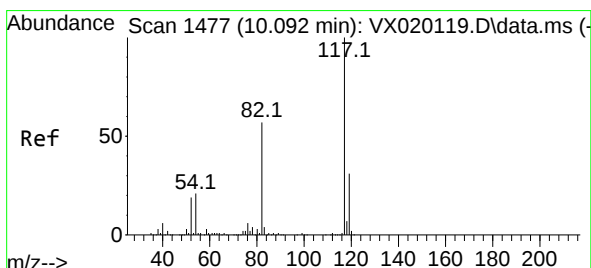
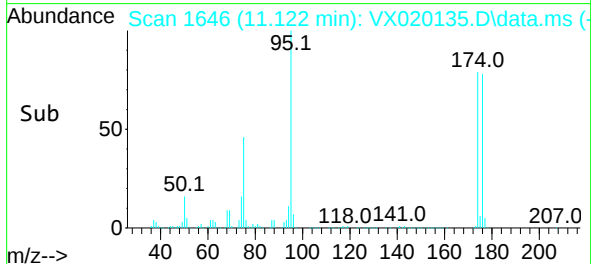
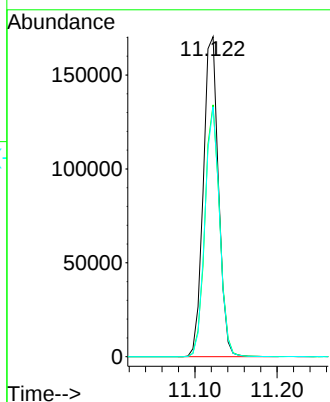
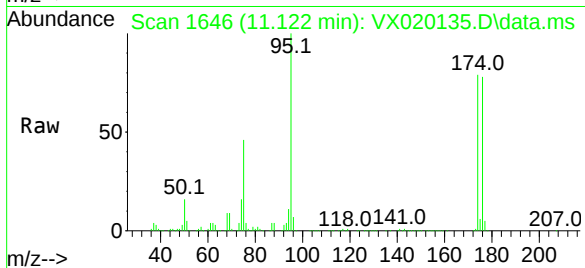




#62
4-Bromofluorobenzene
Concen: 44.56 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

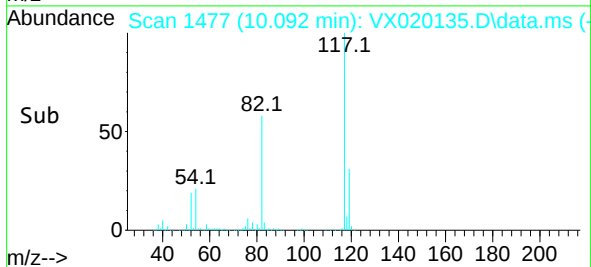
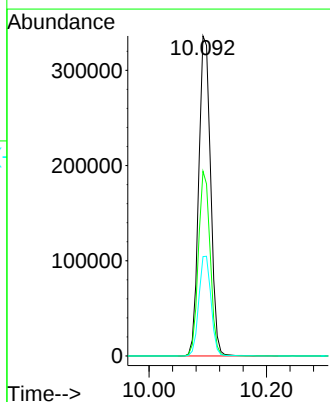
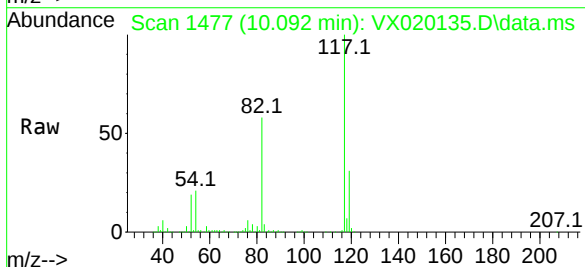
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209

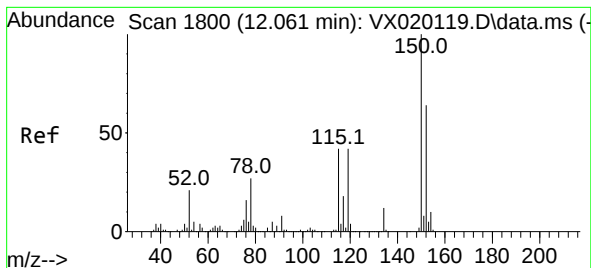
Tgt Ion: 95 Resp: 218778
Ion Ratio Lower Upper
95 100
174 76.2 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

Tgt Ion: 117 Resp: 470753
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 31.0 26.6 39.8

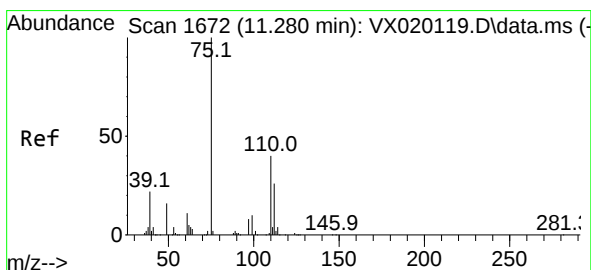
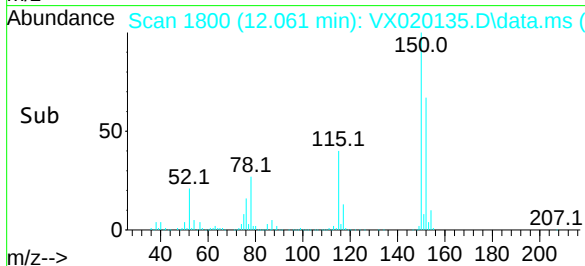
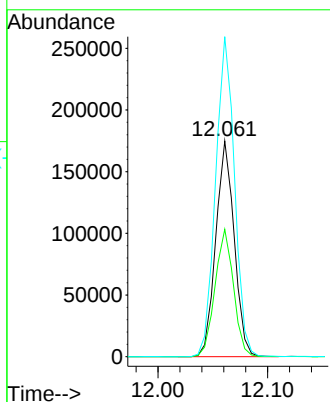
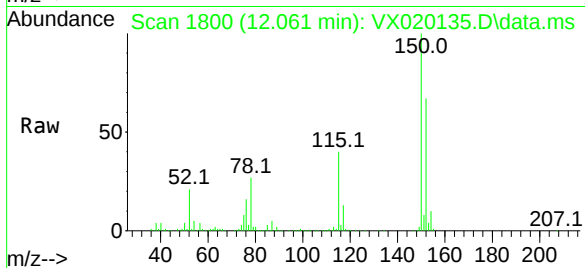




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

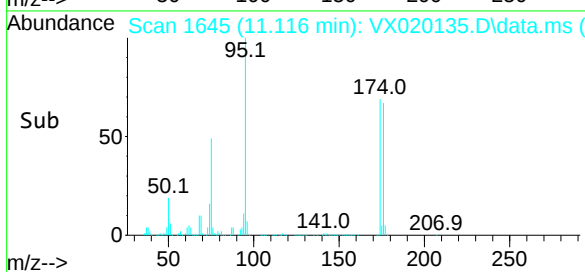
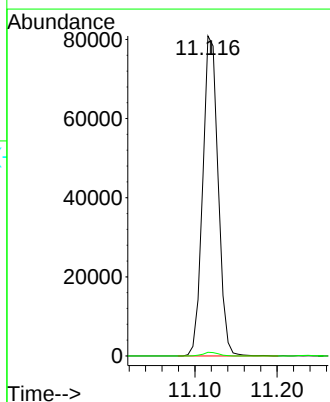
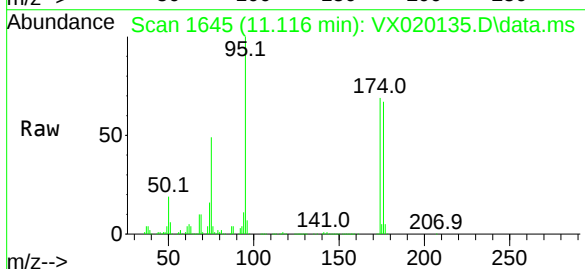
Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209

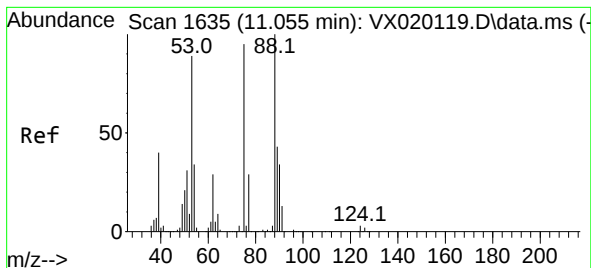
Tgt Ion:152 Resp: 204523
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 152.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 20.88 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

Tgt Ion: 75 Resp: 105210
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

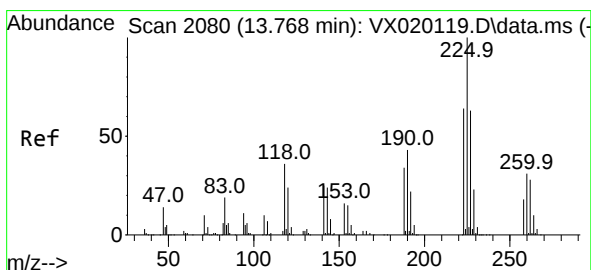
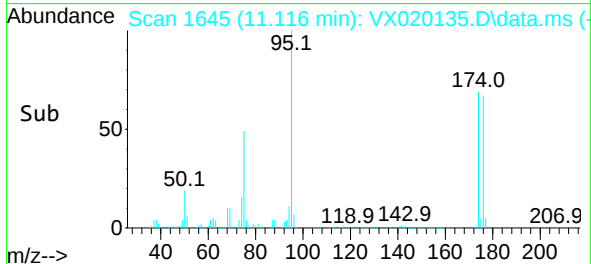
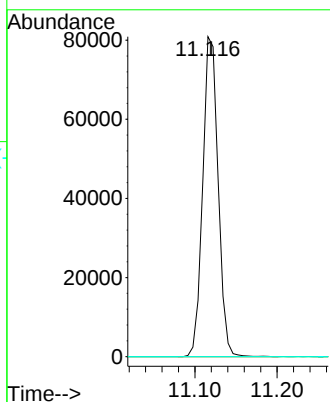
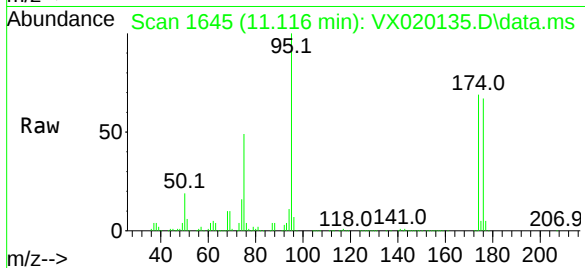




#81
trans-1,4-Dichloro-2-butene
Concen: 61.96 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
RE122D3-20201209

Tgt Ion: 75 Resp: 105210
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.68 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.012 min
Lab File: VX020135.D
Acq: 18 Dec 2020 18:42

Tgt Ion: 225 Resp: 76
Ion Ratio Lower Upper
225 100
223 56.6 31.1 93.2
227 84.2 31.6 95.0

