

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
 Data File : VX020134.D
 Acq On : 18 Dec 2020 18:19
 Operator : JC/MD
 Sample : L5053-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20201209

Quant Time: Dec 19 04:49:33 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	318247	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	522598	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	476703	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	202295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.025	65	198977	46.64	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.28%
35) Dibromofluoromethane	5.464	113	157687	47.17	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.34%
50) Toluene-d8	8.696	98	625697	48.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.24%
62) 4-Bromofluorobenzene	11.122	95	222770	45.23	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.46%

Target Compounds

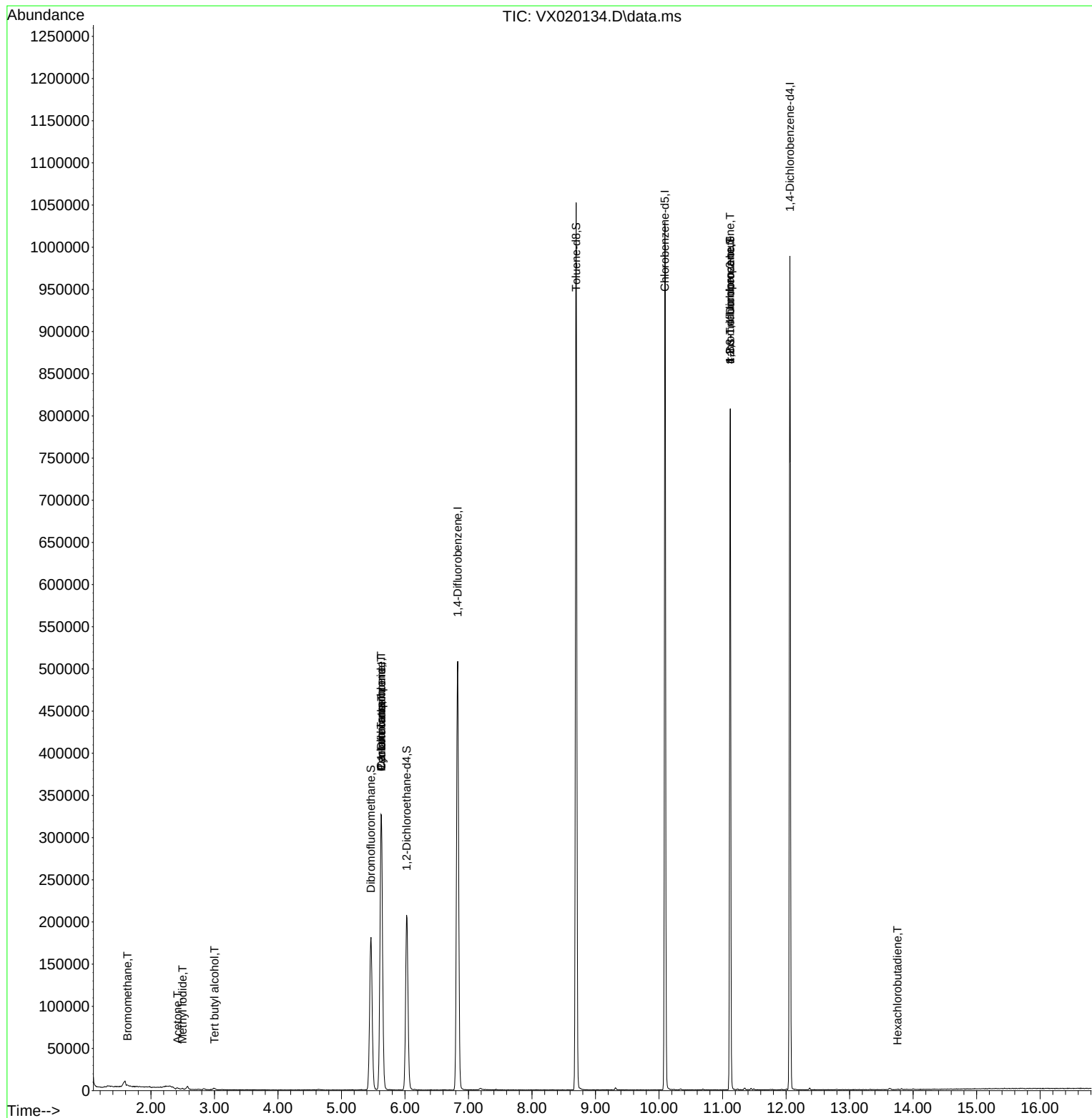
						Qvalue
5) Bromomethane	1.630	94	825	0.59	ug/l	83
10) Methyl Iodide	2.495	142	1216	3.55	ug/l #	95
11) Tert butyl alcohol	3.001	59	1402	1.47	ug/l #	73
16) Acetone	2.416	43	1526	0.78	ug/l	96
31) Cyclohexane	5.629	56	6030	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	23925	4.63	ug/l #	49
38) Carbon Tetrachloride	5.623	117	30967	6.30	ug/l #	16
76) 1,2,3-Trichloropropane	11.122	75	106372	21.35	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	106372	63.33	ug/l #	12
94) Hexachlorobutadiene	13.756	225	130	2.71	ug/l #	70

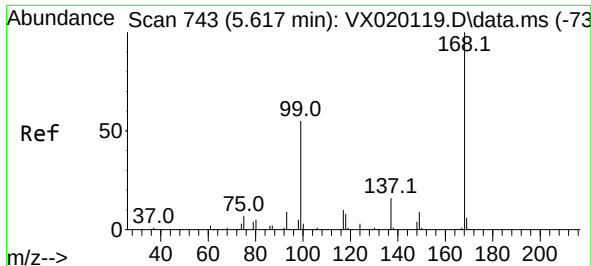
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121820\
Data File : VX020134.D
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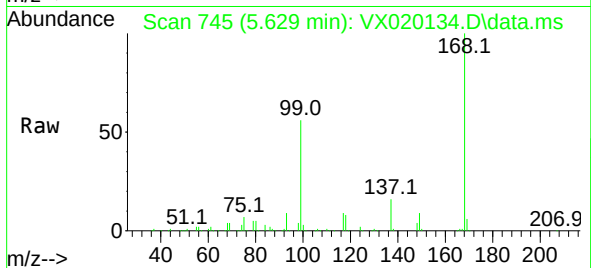
Quant Time: Dec 19 04:49:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



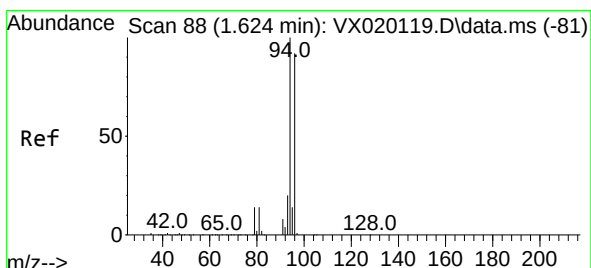
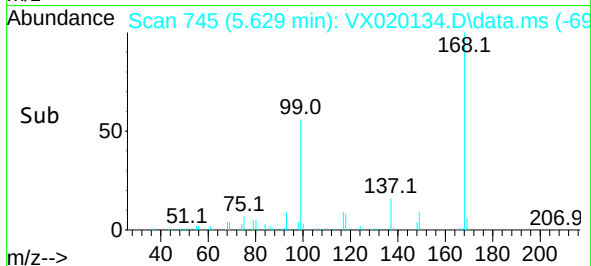
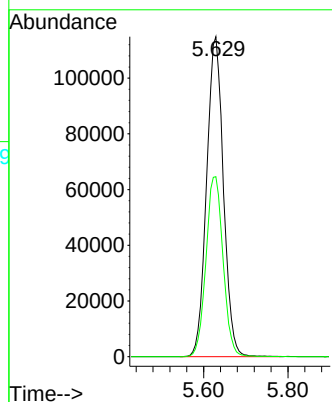


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20201209

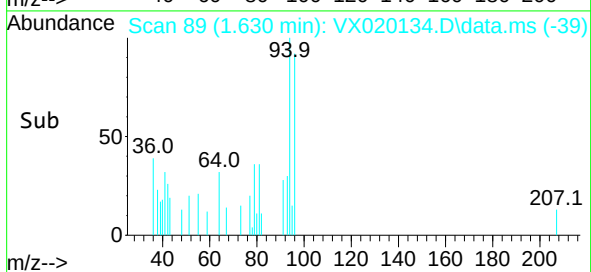
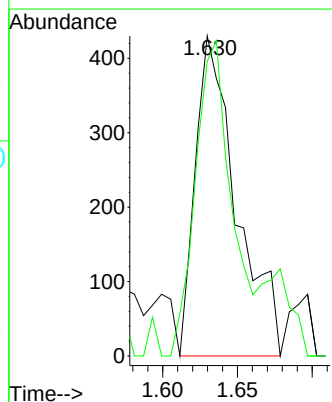
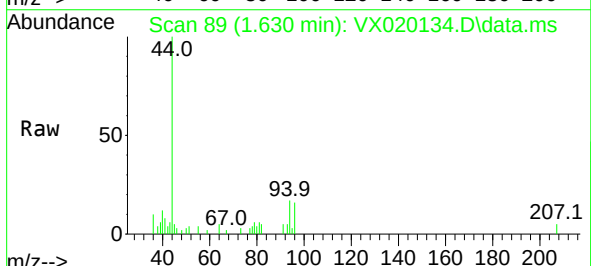


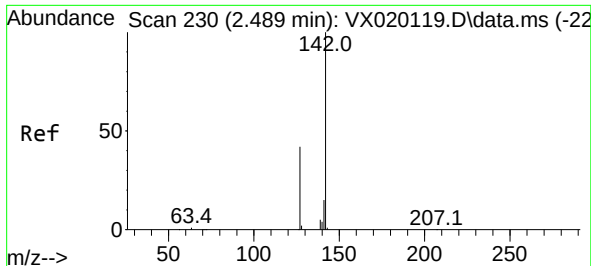
Tgt Ion:168 Resp: 318247
Ion Ratio Lower Upper
168 100
99 56.2 45.8 68.6



#5
Bromomethane
Concen: 0.59 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

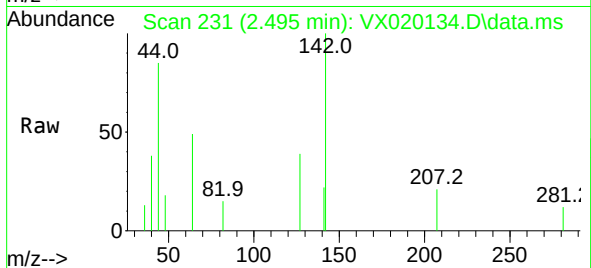
Tgt Ion: 94 Resp: 825
Ion Ratio Lower Upper
94 100
96 78.8 76.4 114.6



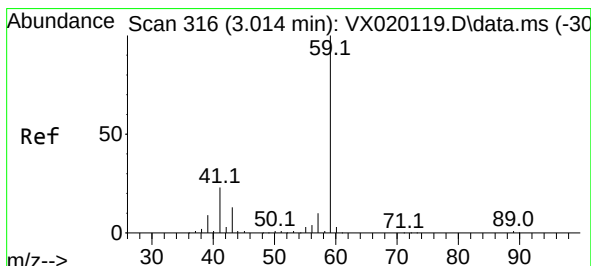
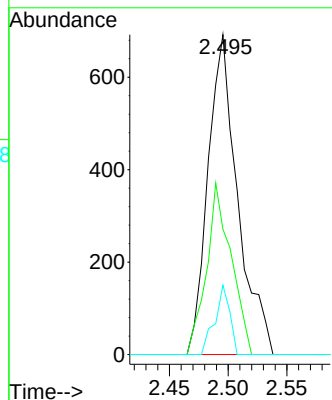
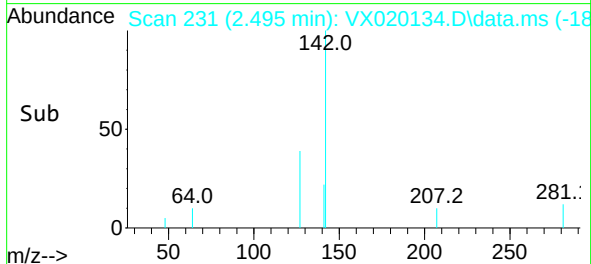


#10
Methyl Iodide
Concen: 3.55 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

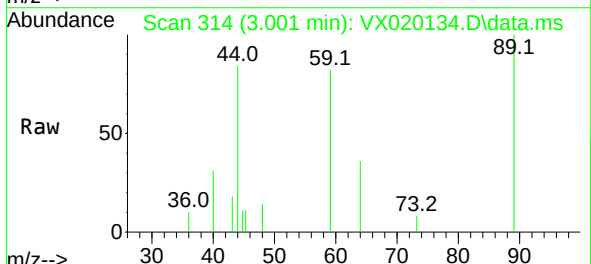
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20201209



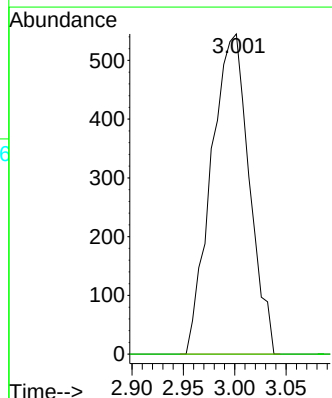
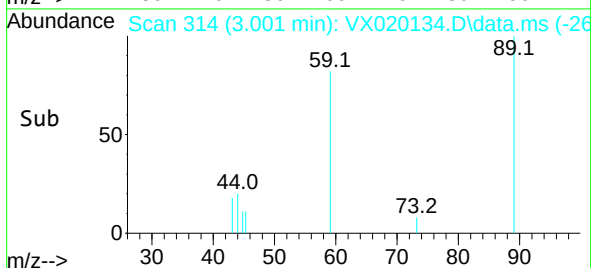
Tgt Ion:142 Resp: 1216
Ion Ratio Lower Upper
142 100
127 44.5 33.3 49.9
141 11.0 11.4 17.0#

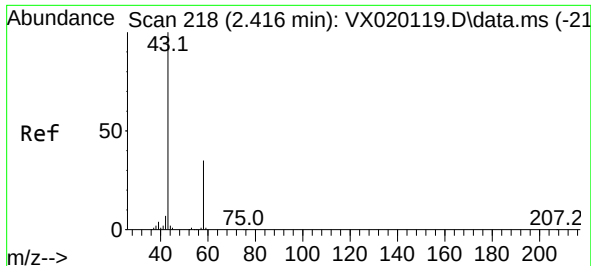


#11
Tert butyl alcohol
Concen: 1.47 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19



Tgt Ion: 59 Resp: 1402
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

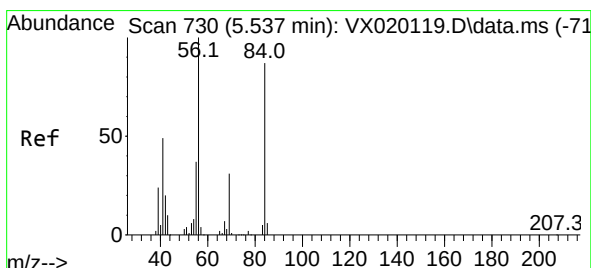
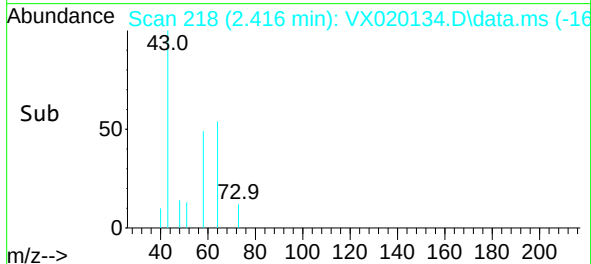
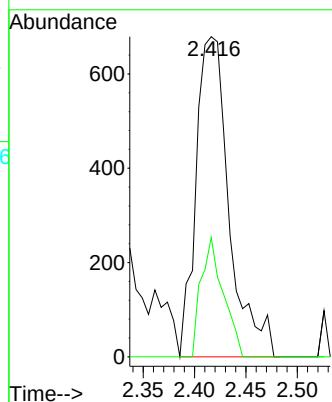
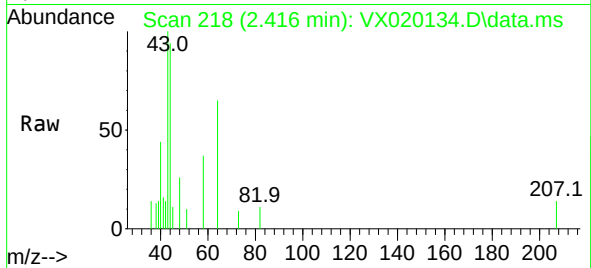




#16
Acetone
Concen: 0.78 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

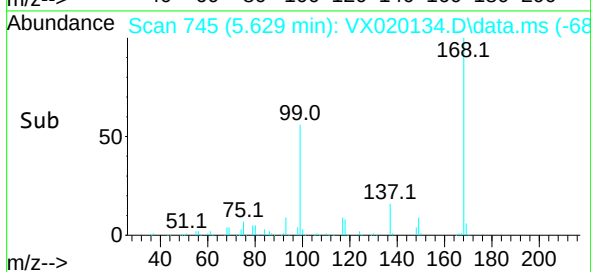
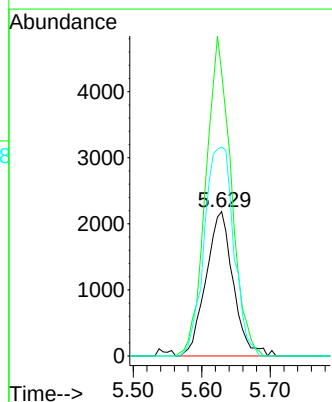
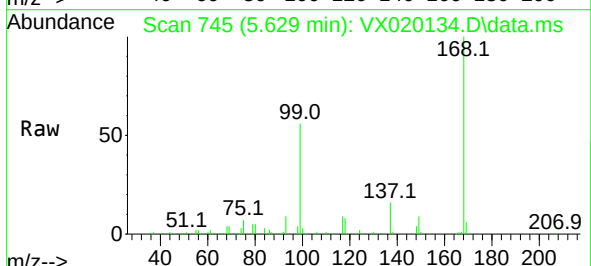
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20201209

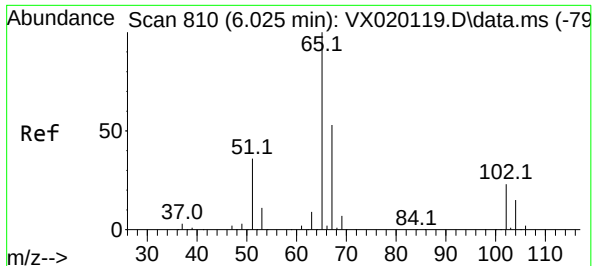
Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 37.3 27.8 41.8



#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Tgt Ion: 56 Resp: 6030
Ion Ratio Lower Upper
56 100
69 196.6 25.3 37.9#
84 144.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.64 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020134.D

Acq: 18 Dec 2020 18:19

Tgt Ion: 65 Resp: 198977

Ion Ratio Lower Upper

65 100

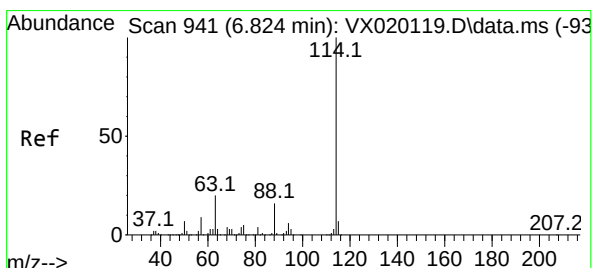
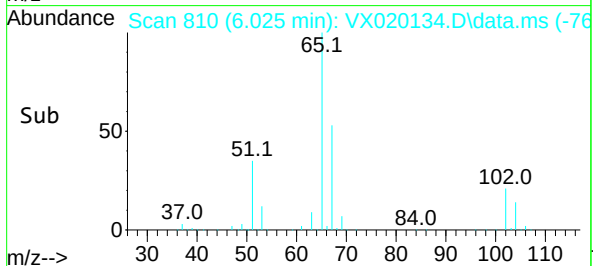
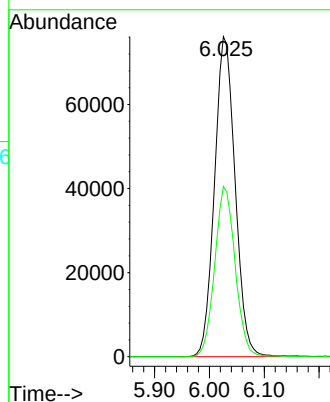
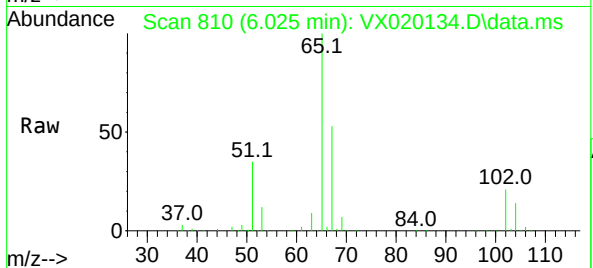
67 52.8 0.0 105.4

Instrument :

MSVOA_X

ClientSampleId :

RE104D3-20201209



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.006 min

Lab File: VX020134.D

Acq: 18 Dec 2020 18:19

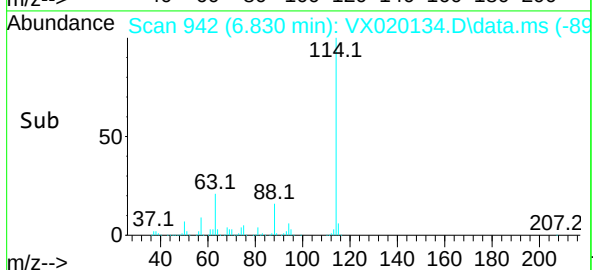
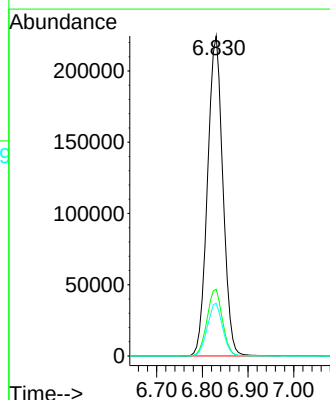
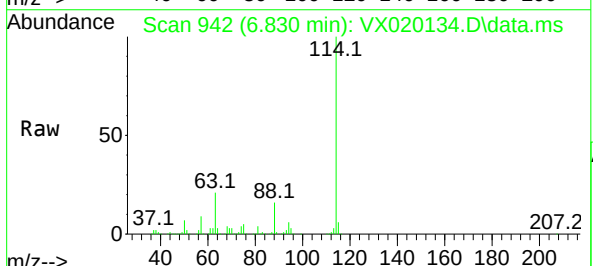
Tgt Ion: 114 Resp: 522598

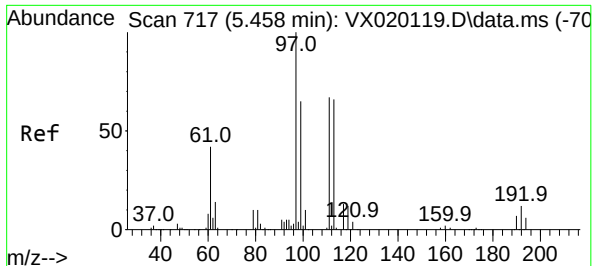
Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

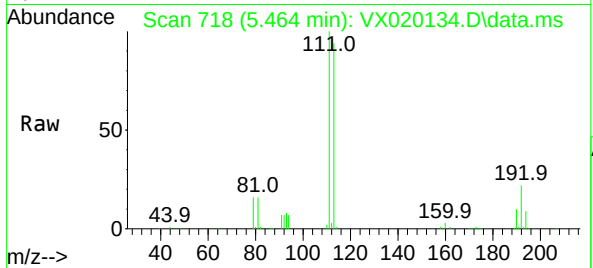
88 16.4 0.0 32.8



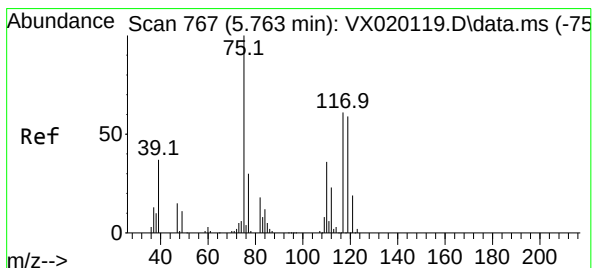
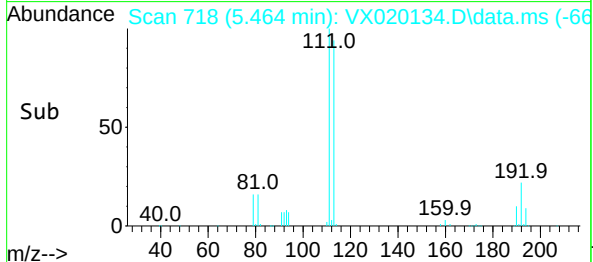
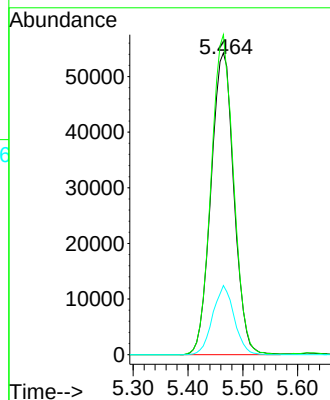


#35
Dibromofluoromethane
Concen: 47.17 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20201209

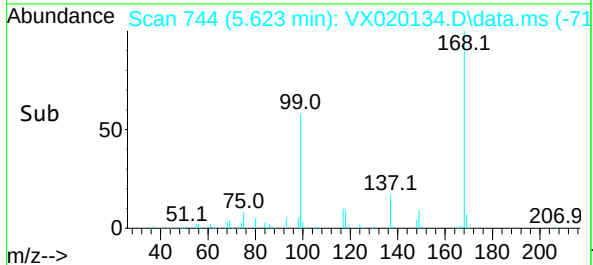
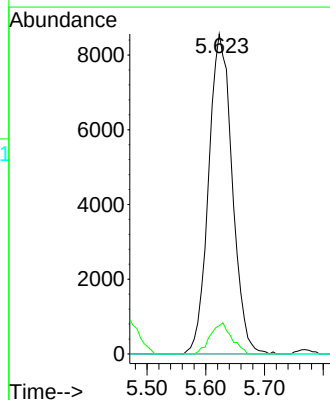
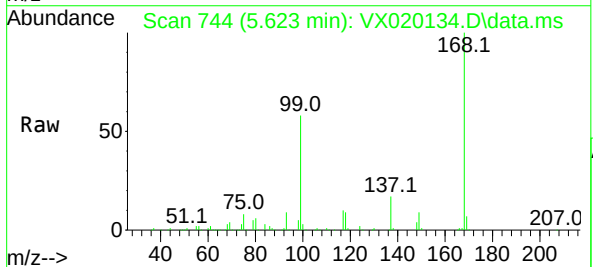


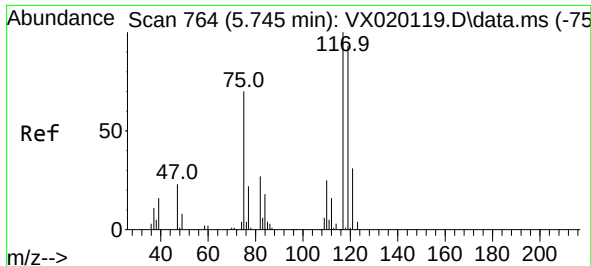
Tgt Ion:113 Resp: 157687
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 21.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

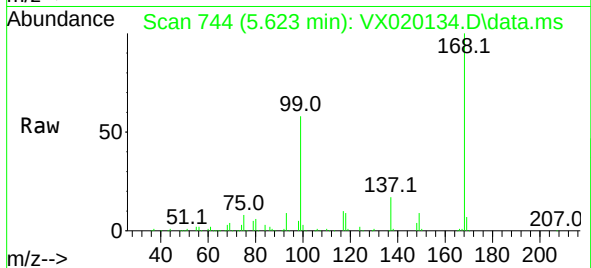
Tgt Ion: 75 Resp: 23925
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



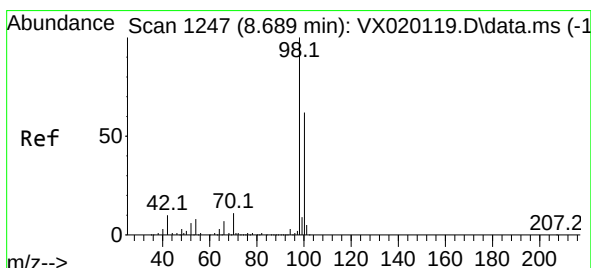
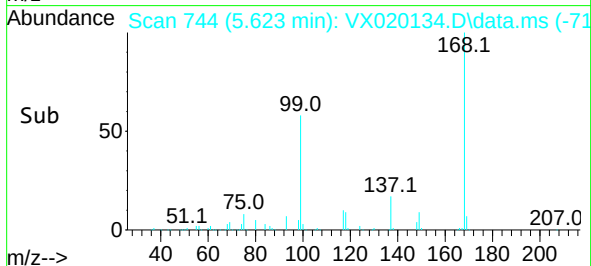
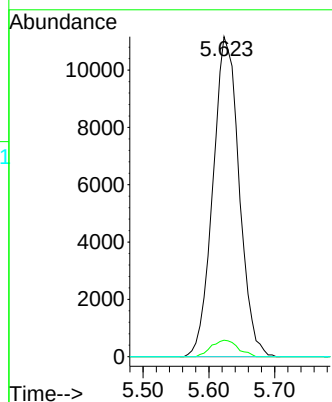


#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20201209

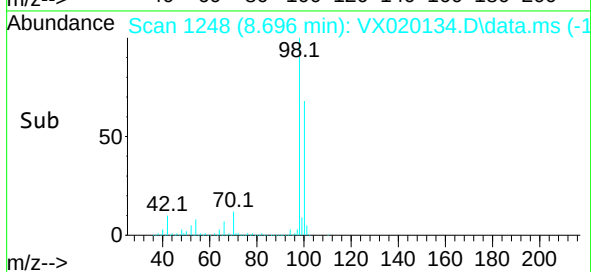
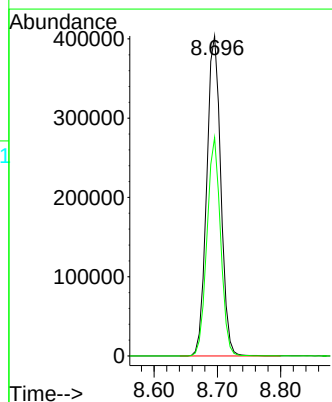
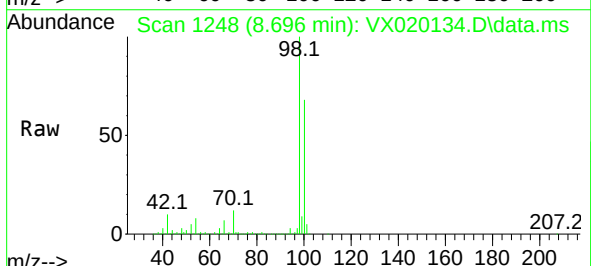


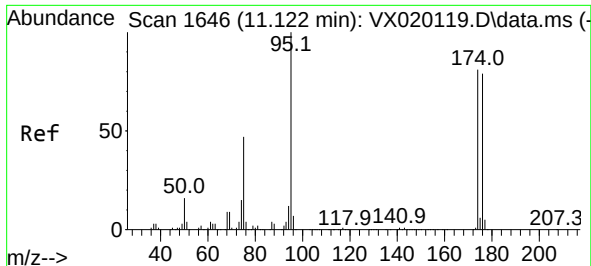
Tgt Ion:117 Resp: 30967
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.62 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Tgt Ion: 98 Resp: 625697
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9

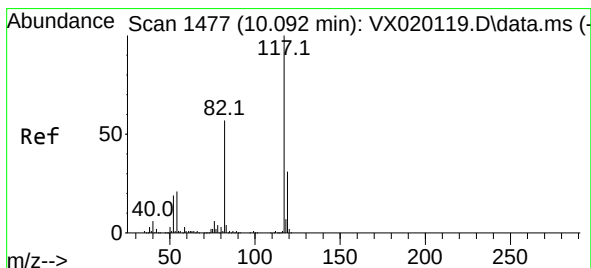
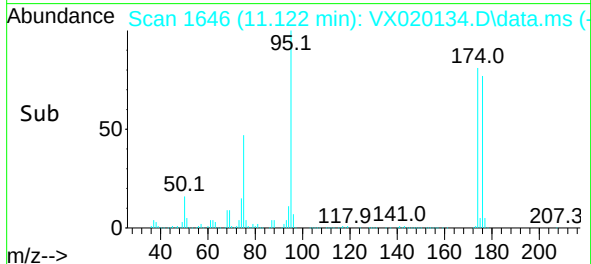
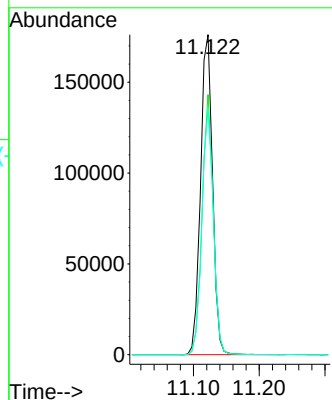
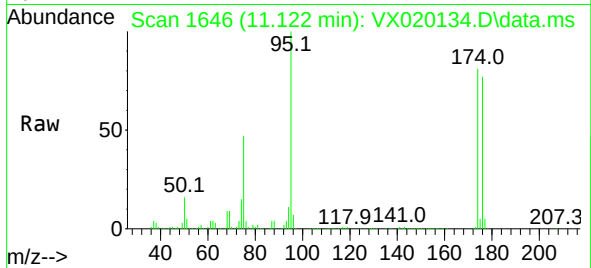




#62
4-Bromofluorobenzene
Concen: 45.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

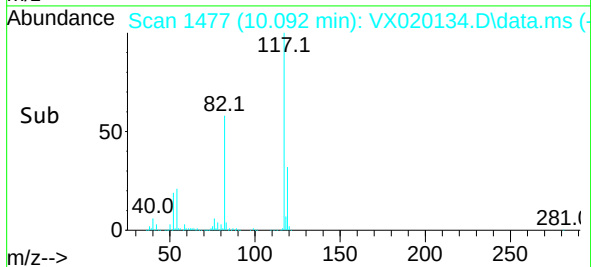
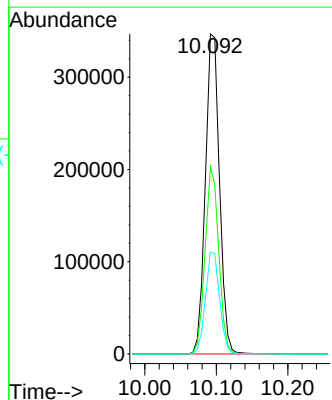
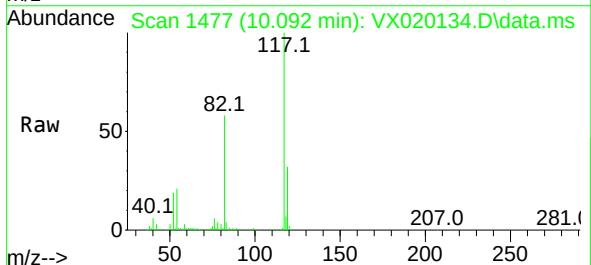
Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20201209

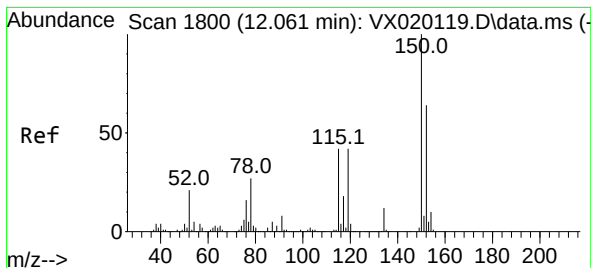
Tgt Ion: 95 Resp: 222770
Ion Ratio Lower Upper
95 100
174 76.0 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Tgt Ion: 117 Resp: 476703
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.2
119 31.8 26.6 39.8

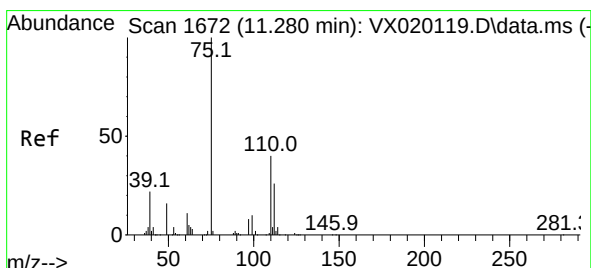
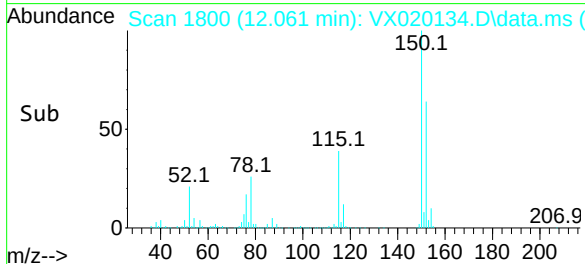
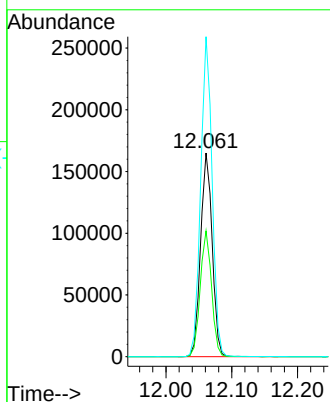
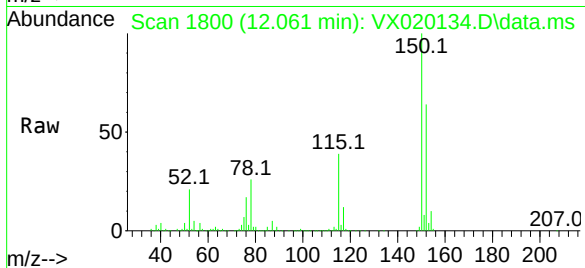




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020134.D
 Acq: 18 Dec 2020 18:19

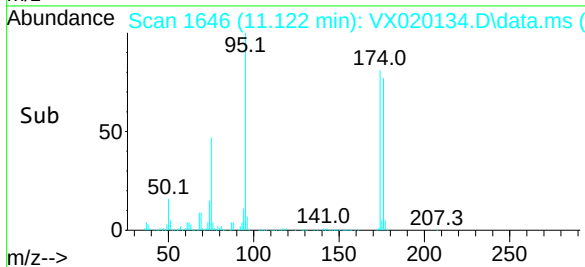
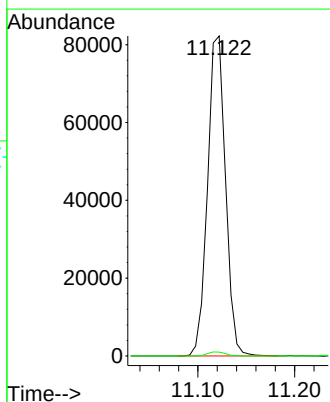
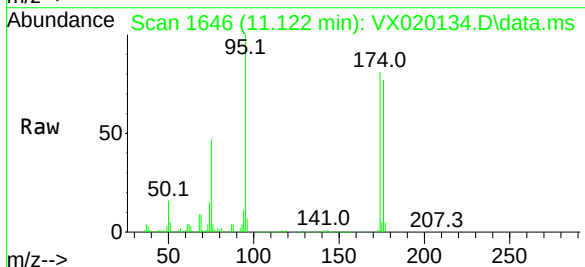
Instrument :
 MSVOA_X
 ClientSampleId :
 RE104D3-20201209

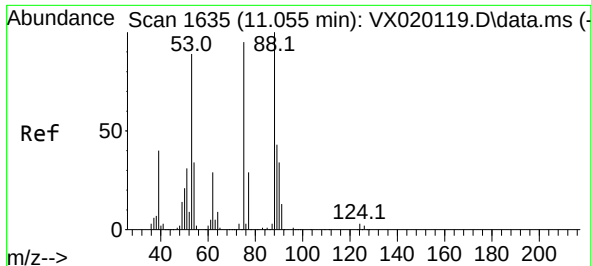
Tgt Ion:152 Resp: 202295
 Ion Ratio Lower Upper
 152 100
 115 60.4 41.1 123.3
 150 154.9 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.35 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020134.D
 Acq: 18 Dec 2020 18:19

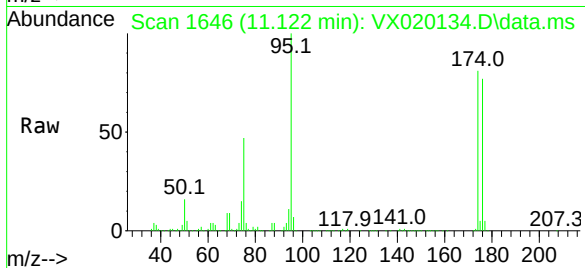
Tgt Ion: 75 Resp: 106372
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



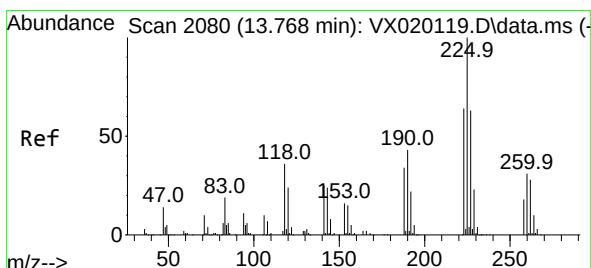
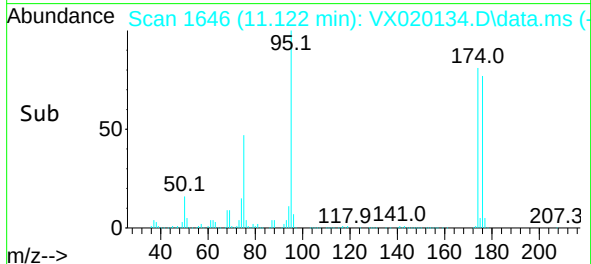
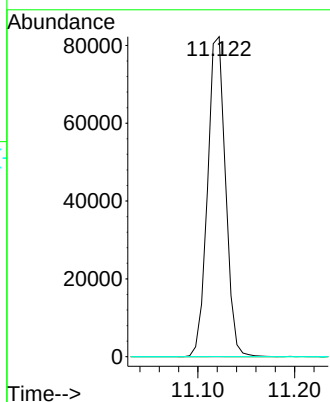


#81
trans-1,4-Dichloro-2-butene
Concen: 63.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Instrument :
MSVOA_X
ClientSampleId :
RE104D3-20201209



Tgt Ion: 75 Resp: 106372
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 2.71 ug/l
RT: 13.756 min Scan# 2078
Delta R.T. -0.012 min
Lab File: VX020134.D
Acq: 18 Dec 2020 18:19

Tgt Ion: 225 Resp: 130
Ion Ratio Lower Upper
225 100
223 23.8 31.1 93.2#
227 71.5 31.6 95.0

