

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020182.D
 Acq On : 19 Dec 2020 19:30
 Operator : JC/MD
 Sample : L5096-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 49-FD02-121220

Quant Time: Dec 21 02:36:08 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	279629	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	475542	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	442586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	193051	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	187517	50.03	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.06%
35) Dibromofluoromethane	5.465	113	149223	49.05	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.10%
50) Toluene-d8	8.696	98	569066	48.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.20%
62) 4-Bromofluorobenzene	11.122	95	203746	45.46	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.92%

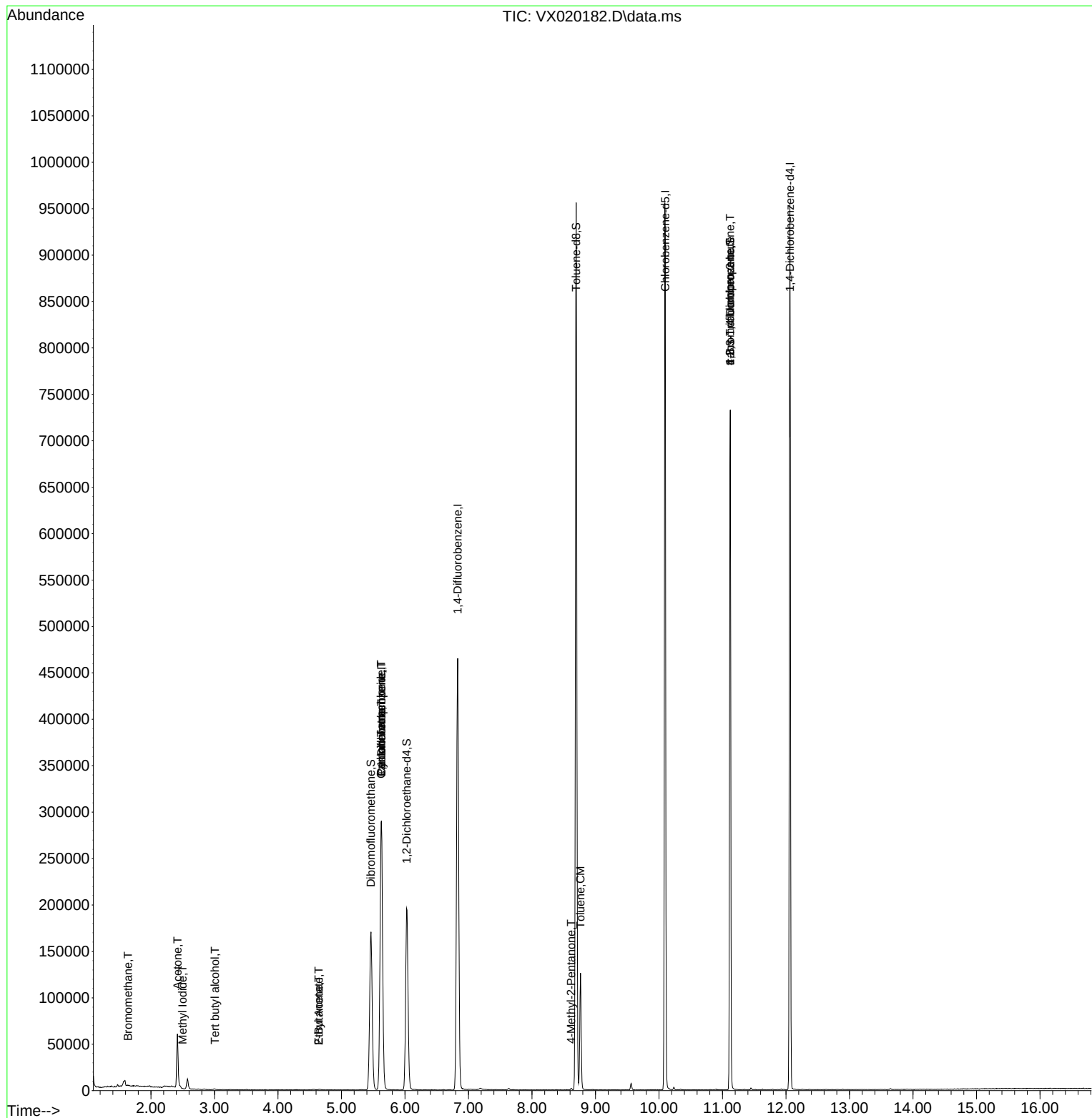
Target Compounds						Qvalue
5) Bromomethane	1.636	94	447	0.36	ug/l	100
10) Methyl Iodide	2.496	142	236	3.34	ug/l #	68
11) Tert butyl alcohol	3.008	59	847	1.01	ug/l #	73
16) Acetone	2.416	43	60182	35.21	ug/l	99
25) 2-Butanone	4.641	43	1024	0.41	ug/l	96
31) Cyclohexane	5.629	56	5280	1.02	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	21716	4.62	ug/l #	48
37) Ethyl Acetate	4.641	43	1024	0.21	ug/l #	64
38) Carbon Tetrachloride	5.623	117	27505	6.15	ug/l #	17
51) 4-Methyl-2-Pentanone	8.616	43	1211	0.25	ug/l #	77
52) Toluene	8.763	92	46337	5.19	ug/l	100
76) 1,2,3-Trichloropropane	11.122	75	100218	21.07	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	100218	62.52	ug/l #	12

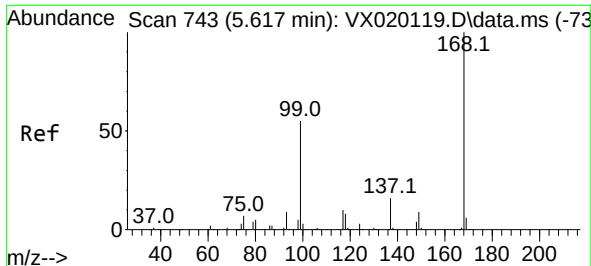
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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49-FD02-121220

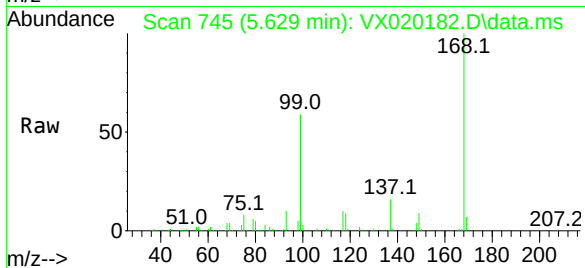
Quant Time: Dec 21 02:36:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



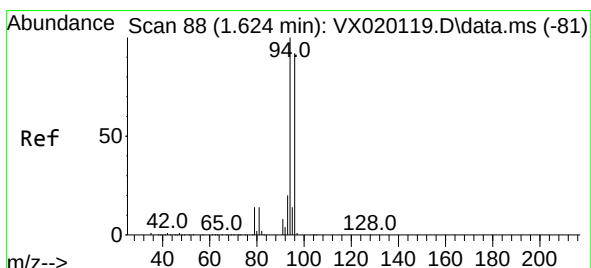
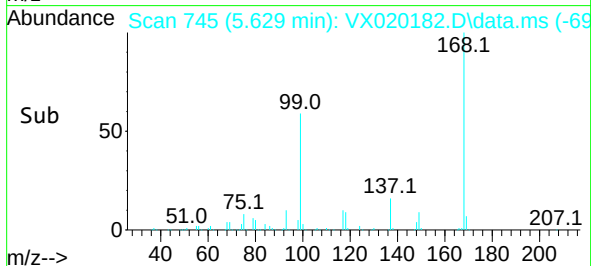
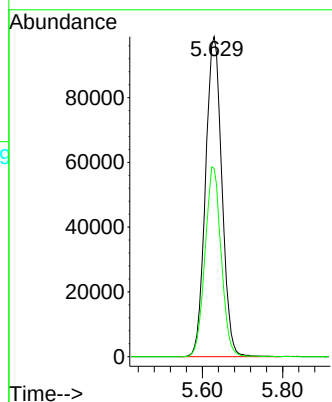


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
49-FD02-121220

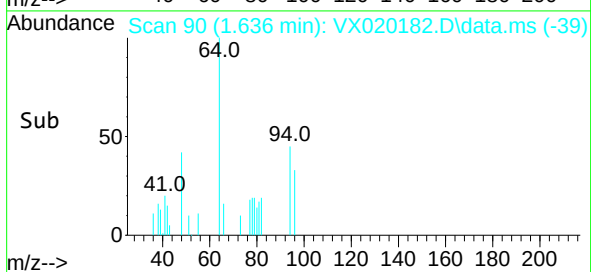
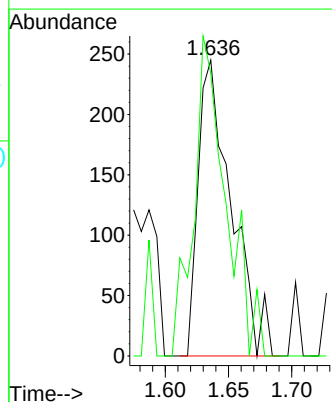
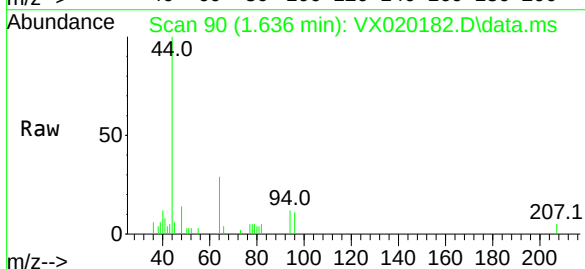


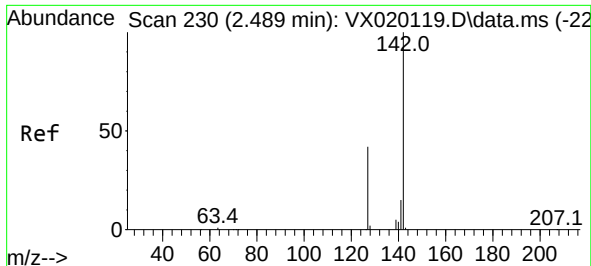
Tgt Ion:168 Resp: 279629
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 95.5 76.4 114.6

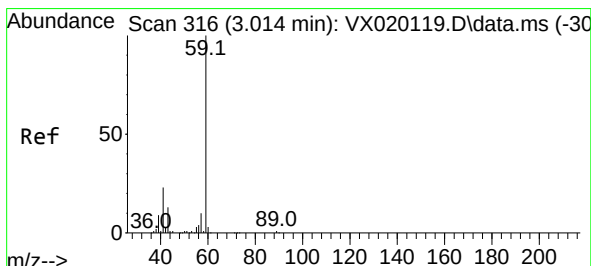
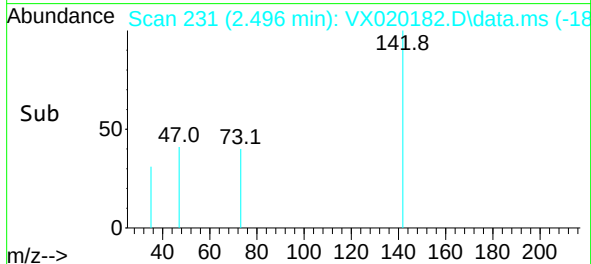
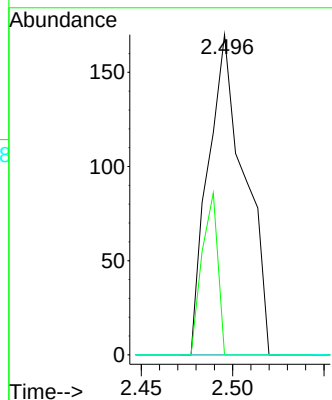
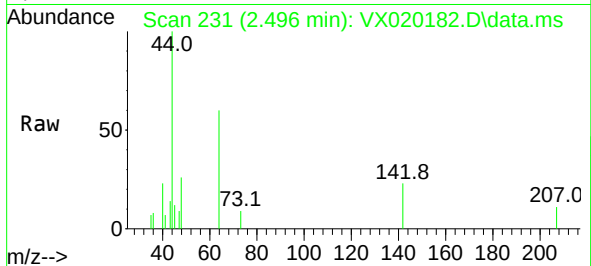




#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

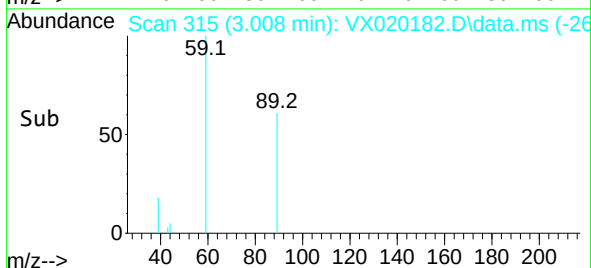
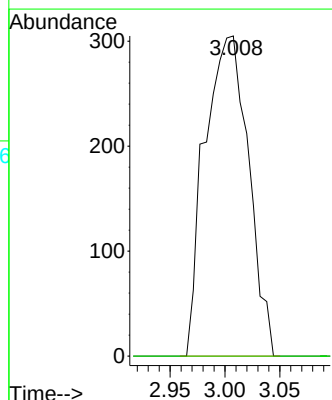
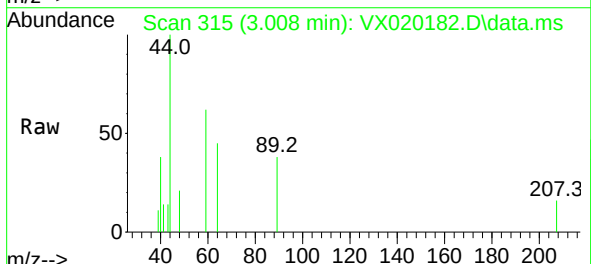
Instrument :
MSVOA_X
ClientSampleId :
49-FD02-121220

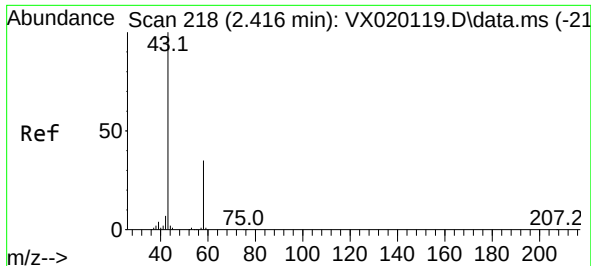
Tgt Ion:142 Resp: 236
Ion Ratio Lower Upper
142 100
127 22.0 33.3 49.9#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.01 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Tgt Ion: 59 Resp: 847
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

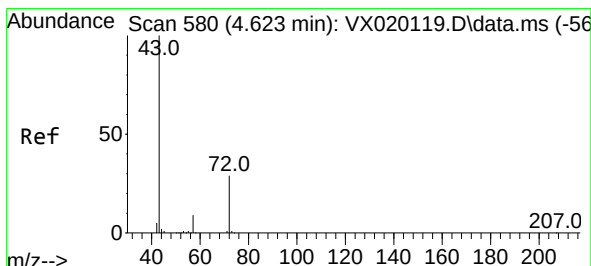
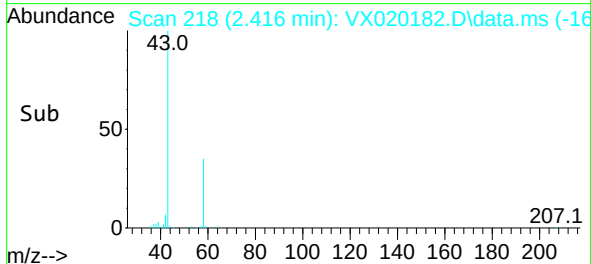
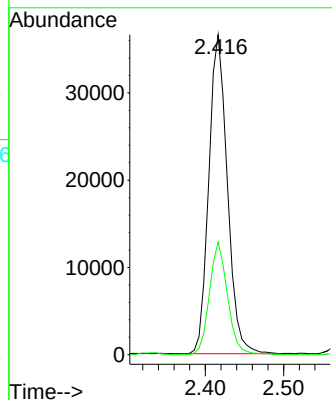
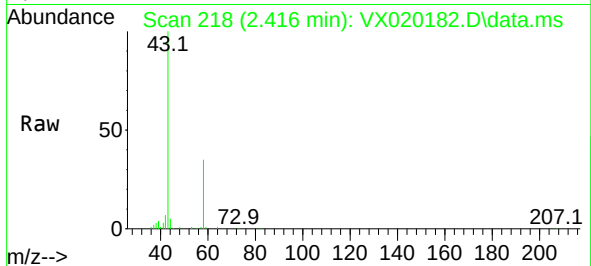




#16
Acetone
Concen: 35.21 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

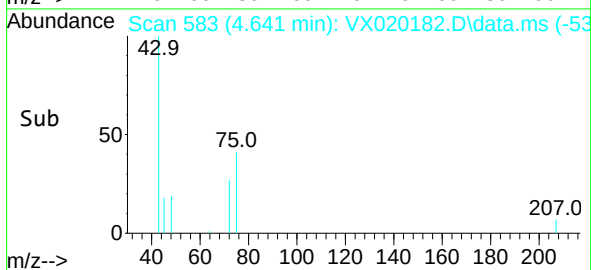
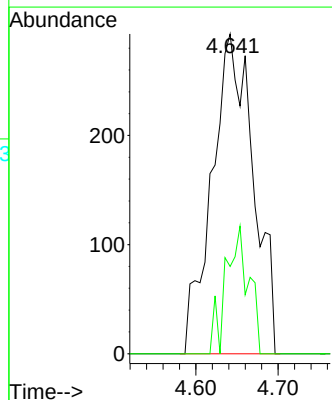
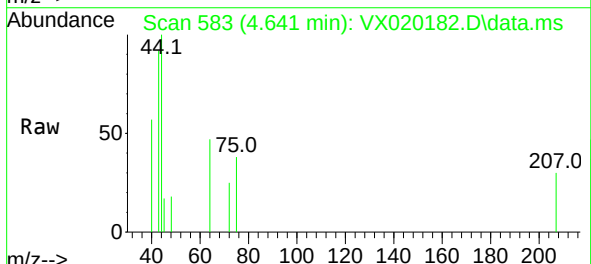
Instrument :
MSVOA_X
ClientSampleId :
49-FD02-121220

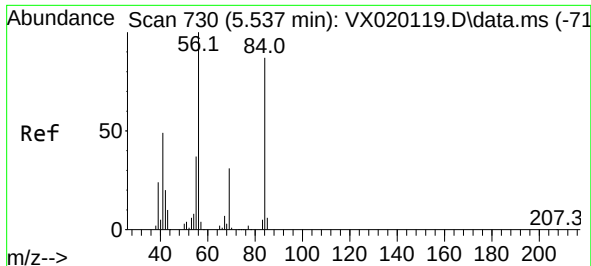
Tgt Ion: 43 Resp: 60182
Ion Ratio Lower Upper
43 100
58 35.3 27.8 41.8



#25
2-Butanone
Concen: 0.41 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.018 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

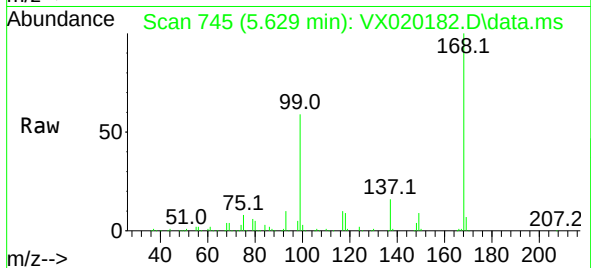
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
72 27.3 23.7 35.5



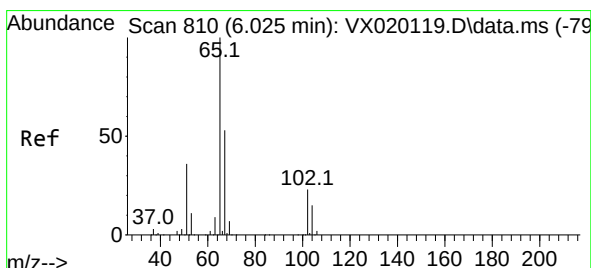
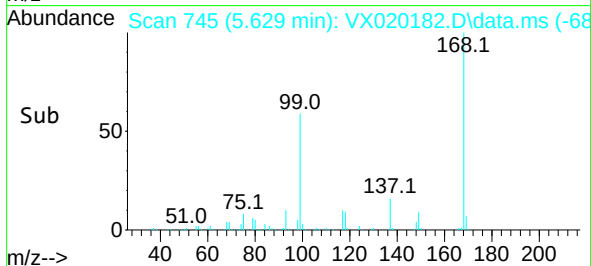
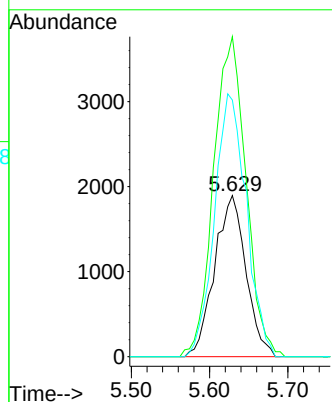


#31
Cyclohexane
Concen: 1.02 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Instrument :
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ClientSampleId :
49-FD02-121220

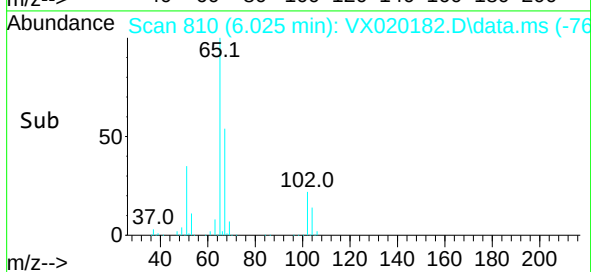
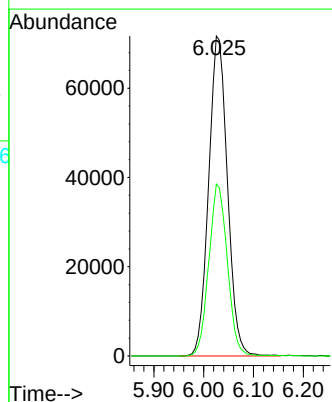
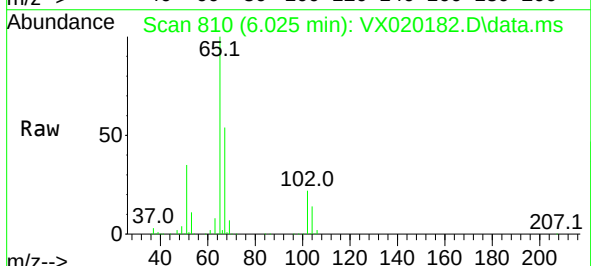


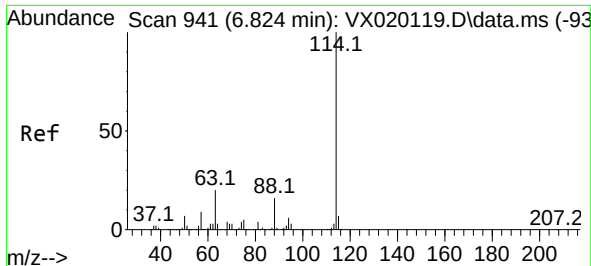
Tgt Ion: 56 Resp: 5280
Ion Ratio Lower Upper
56 100
69 198.7 25.3 37.9#
84 159.3 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

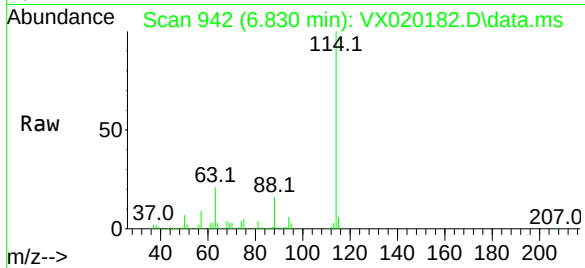
Tgt Ion: 65 Resp: 187517
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



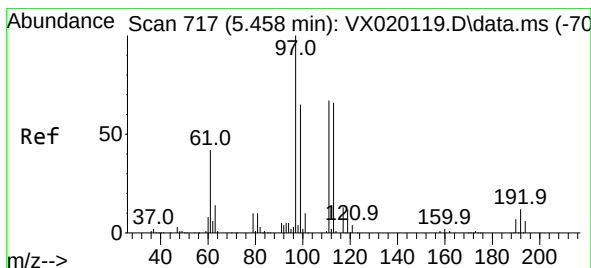
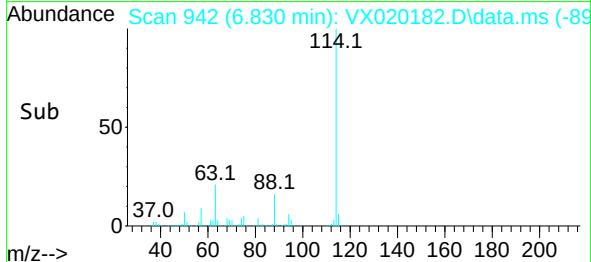
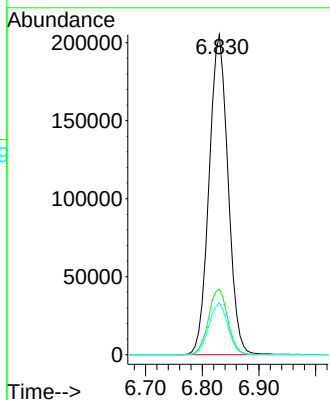


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Instrument :
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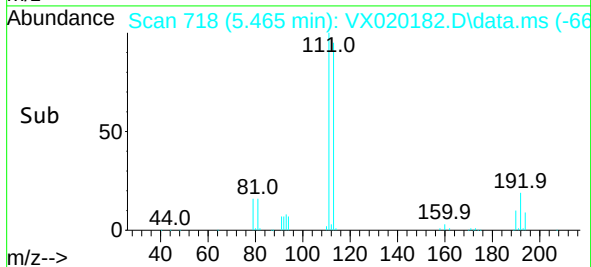
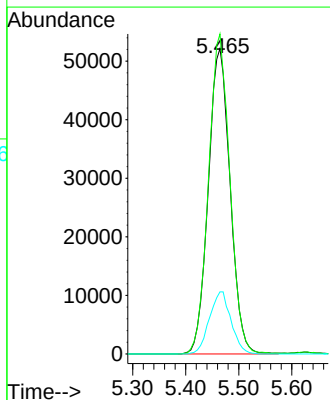
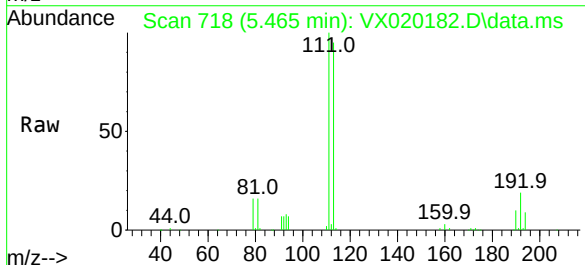


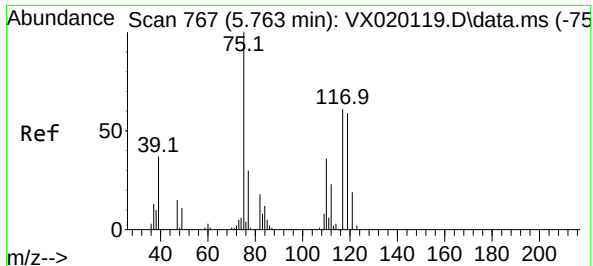
Tgt Ion:114 Resp: 475542
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.3 0.0 32.8



#35
Dibromofluoromethane
Concen: 49.05 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

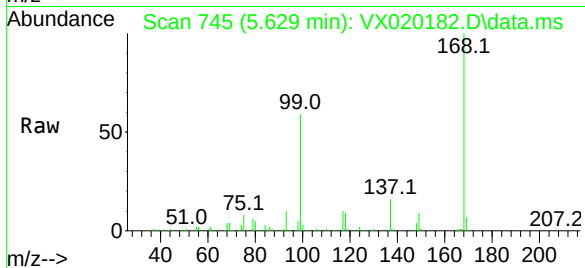
Tgt Ion:113 Resp: 149223
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.1 16.7 25.1



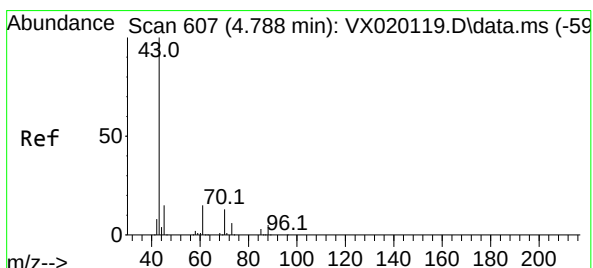
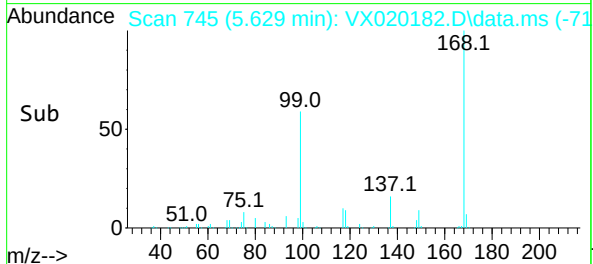
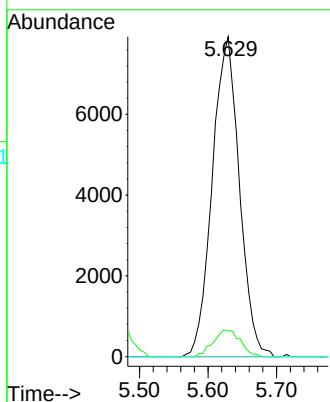


#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Instrument :
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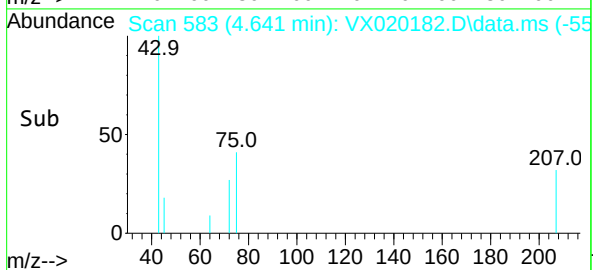
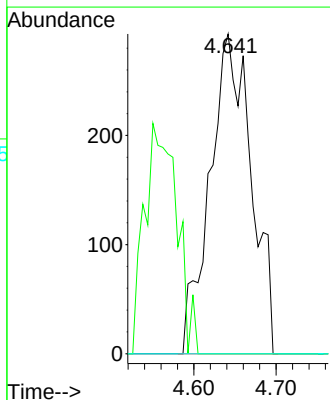
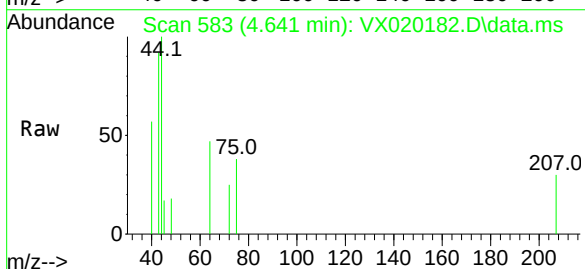


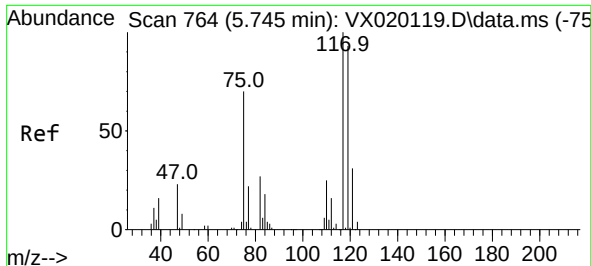
Tgt Ion: 75 Resp: 21716
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 0.21 ug/l
RT: 4.641 min Scan# 583
Delta R.T. -0.147 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

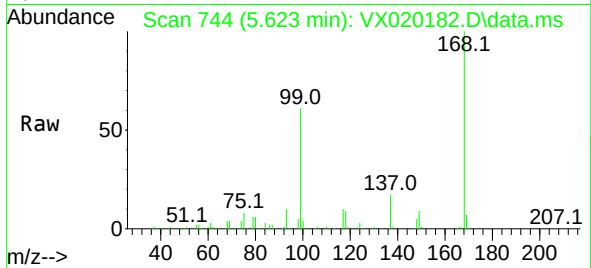
Tgt Ion: 43 Resp: 1024
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 0.0 10.5 15.7#



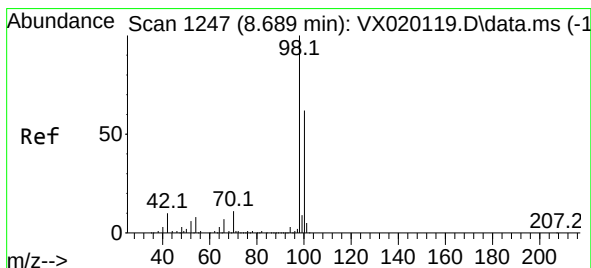
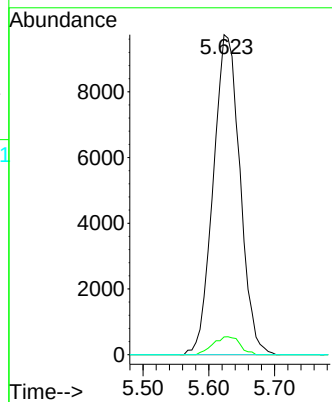
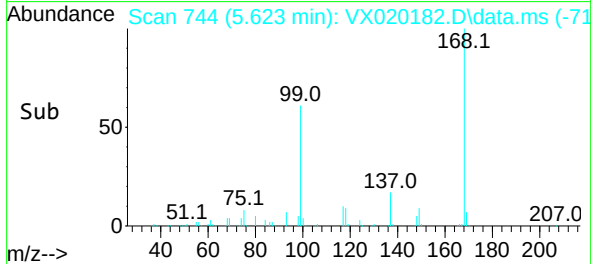


#38
Carbon Tetrachloride
Concen: 6.15 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

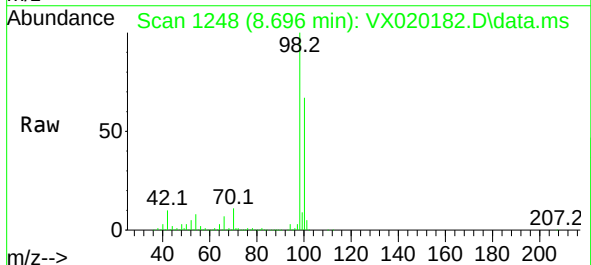
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MSVOA_X
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49-FD02-121220



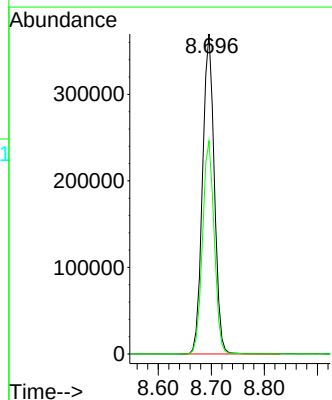
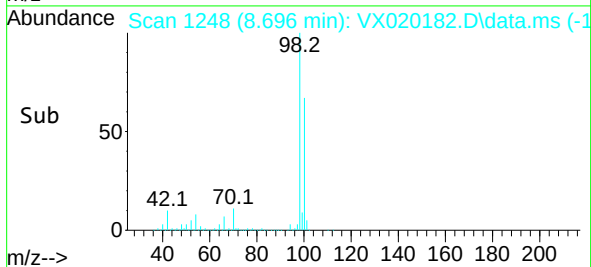
Tgt Ion:117 Resp: 27505
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

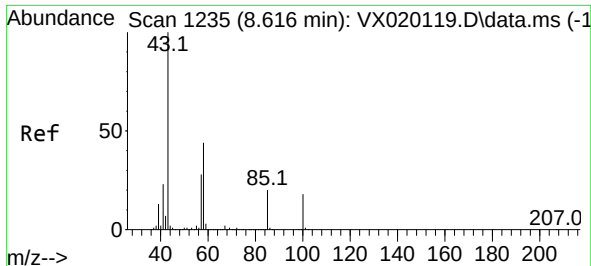


#50
Toluene-d8
Concen: 48.60 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30



Tgt Ion: 98 Resp: 569066
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

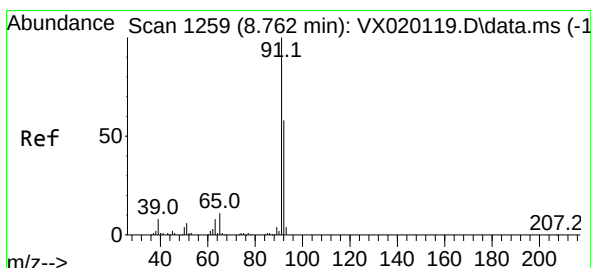
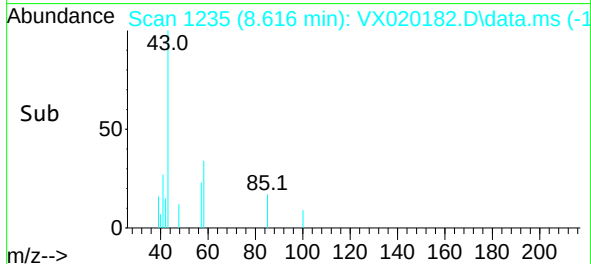
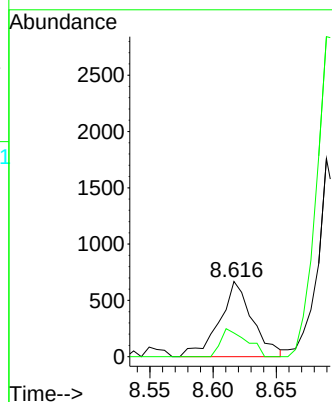
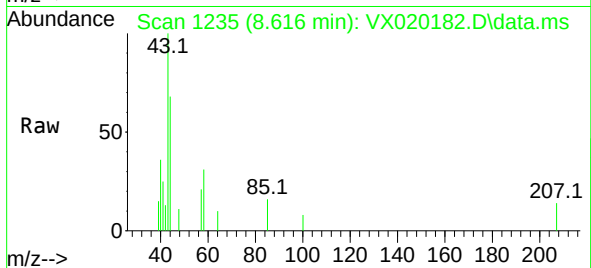




#51
4-Methyl-2-Pentanone
Concen: 0.25 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

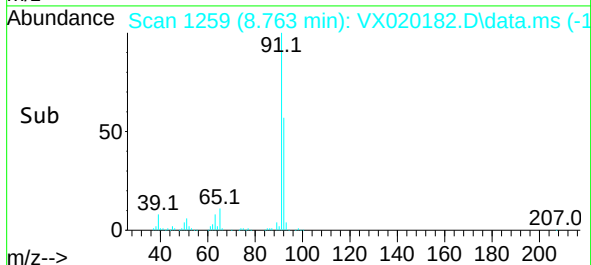
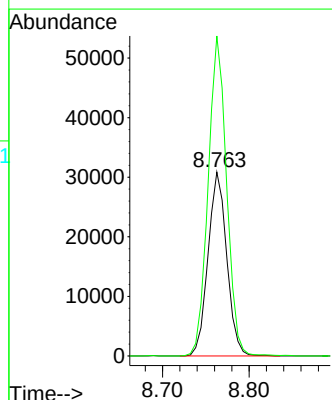
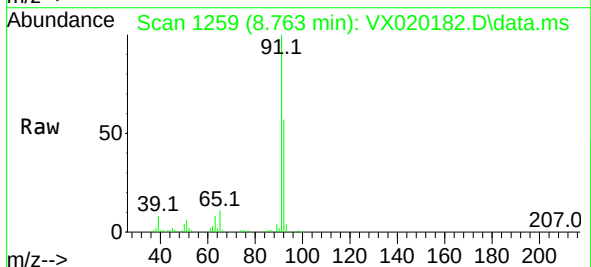
Instrument :
MSVOA_X
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49-FD02-121220

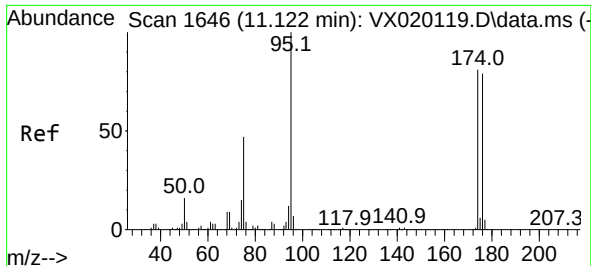
Tgt Ion: 43 Resp: 1211
Ion Ratio Lower Upper
43 100
58 29.1 35.4 53.0#



#52
Toluene
Concen: 5.19 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. 0.001 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Tgt Ion: 92 Resp: 46337
Ion Ratio Lower Upper
92 100
91 171.8 137.1 205.7

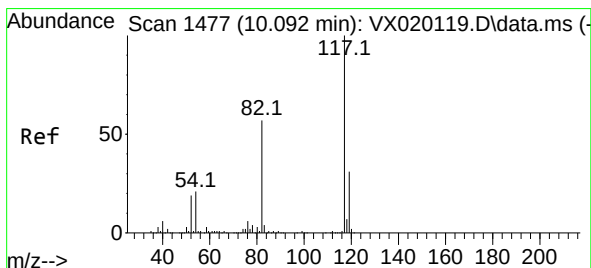
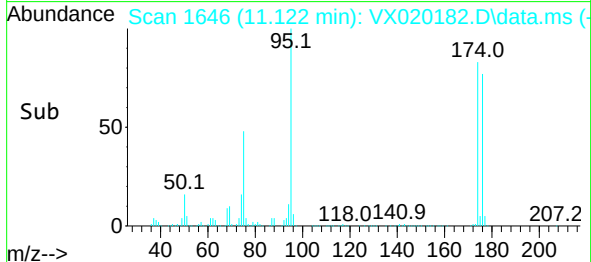
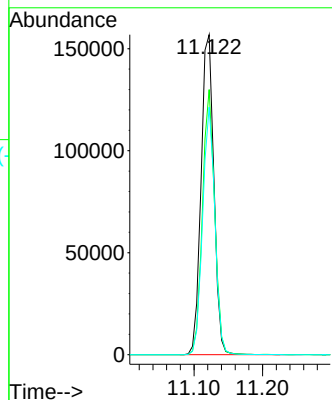
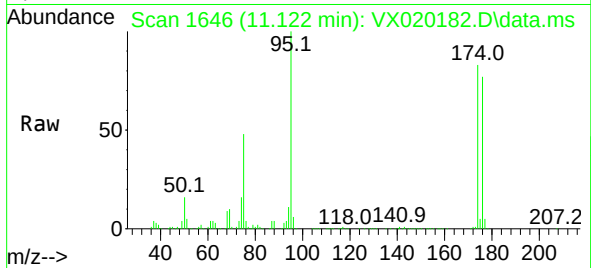




#62
4-Bromofluorobenzene
Concen: 45.46 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

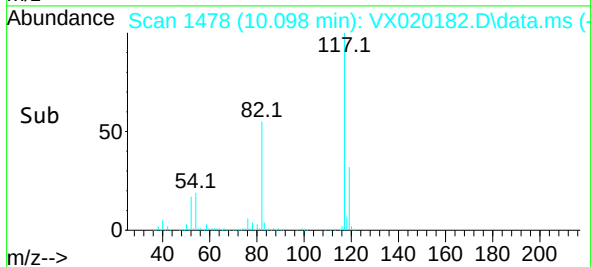
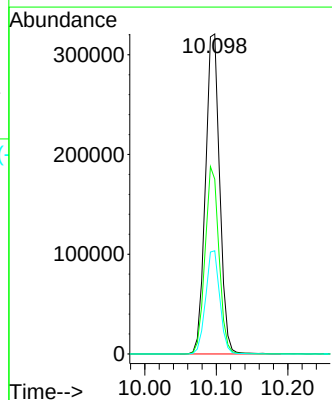
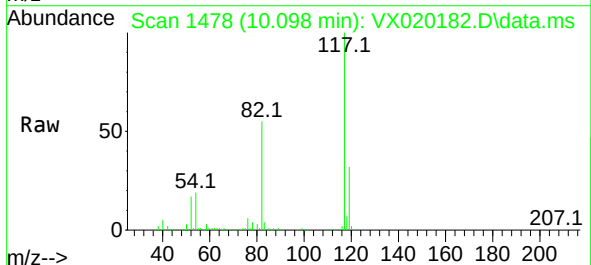
Instrument :
MSVOA_X
ClientSampleId :
49-FD02-121220

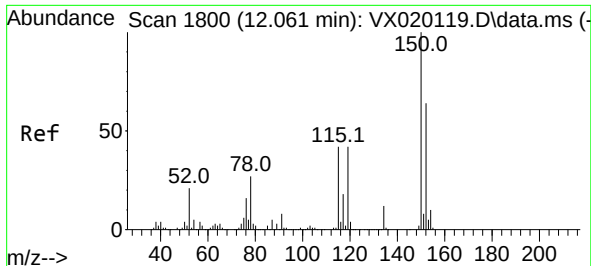
Tgt Ion: 95 Resp: 203746
Ion Ratio Lower Upper
95 100
174 78.8 0.0 154.6
176 74.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020182.D
Acq: 19 Dec 2020 19:30

Tgt Ion: 117 Resp: 442586
Ion Ratio Lower Upper
117 100
82 54.6 47.4 71.2
119 32.3 26.6 39.8

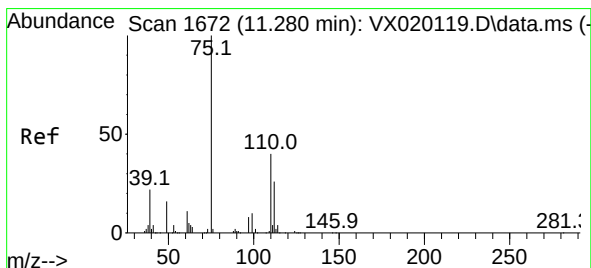
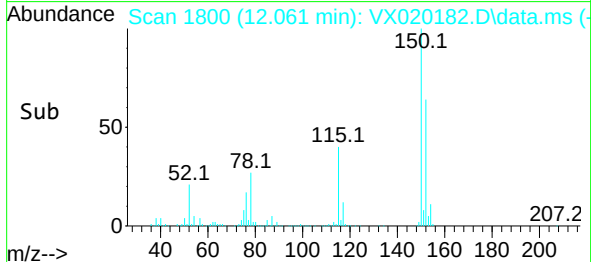
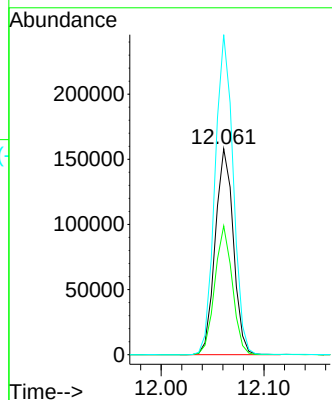
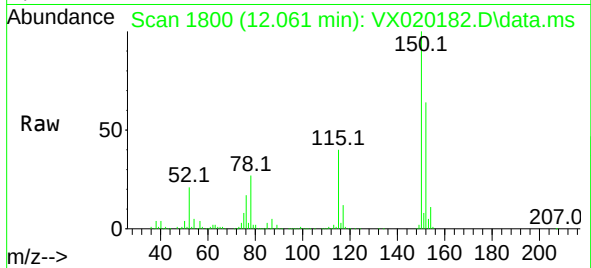




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020182.D
 Acq: 19 Dec 2020 19:30

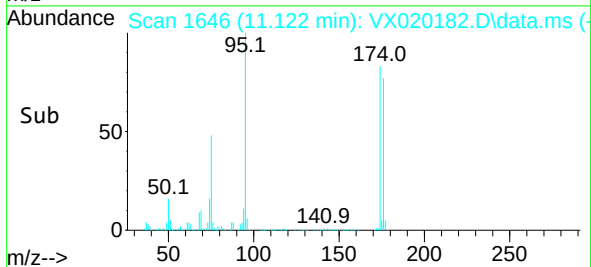
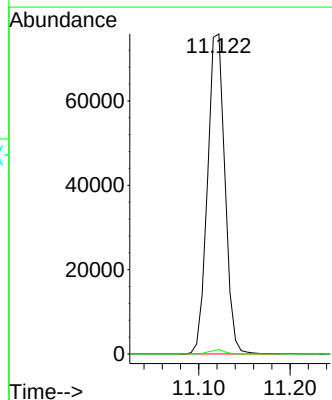
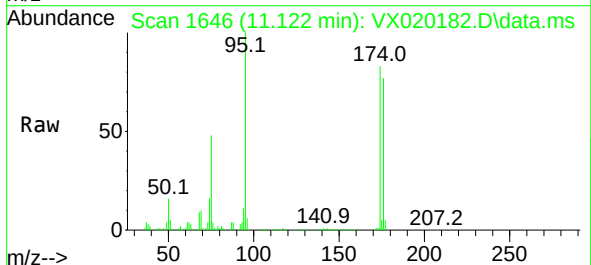
Instrument :
 MSVOA_X
 ClientSampleId :
 49-FD02-121220

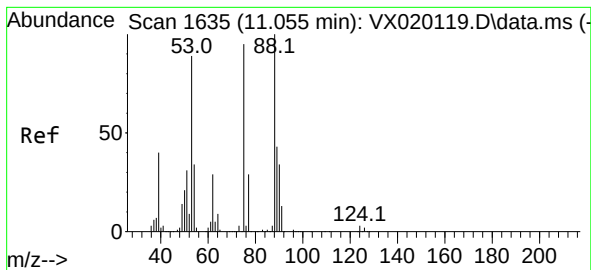
Tgt Ion:152 Resp: 193051
 Ion Ratio Lower Upper
 152 100
 115 60.6 41.1 123.3
 150 156.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.07 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020182.D
 Acq: 19 Dec 2020 19:30

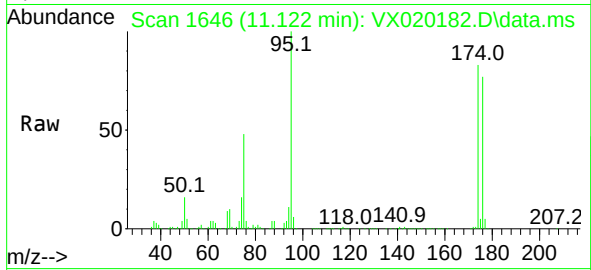
Tgt Ion: 75 Resp: 100218
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.52 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020182.D
 Acq: 19 Dec 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 49-FD02-121220



Tgt Ion: 75 Resp: 100218
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

