

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020409.D
 Acq On : 28 Dec 2020 13:35
 Operator : JC/MD
 Sample : L5219-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS013-13-TB-122320

Quant Time: Dec 29 00:39:12 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)

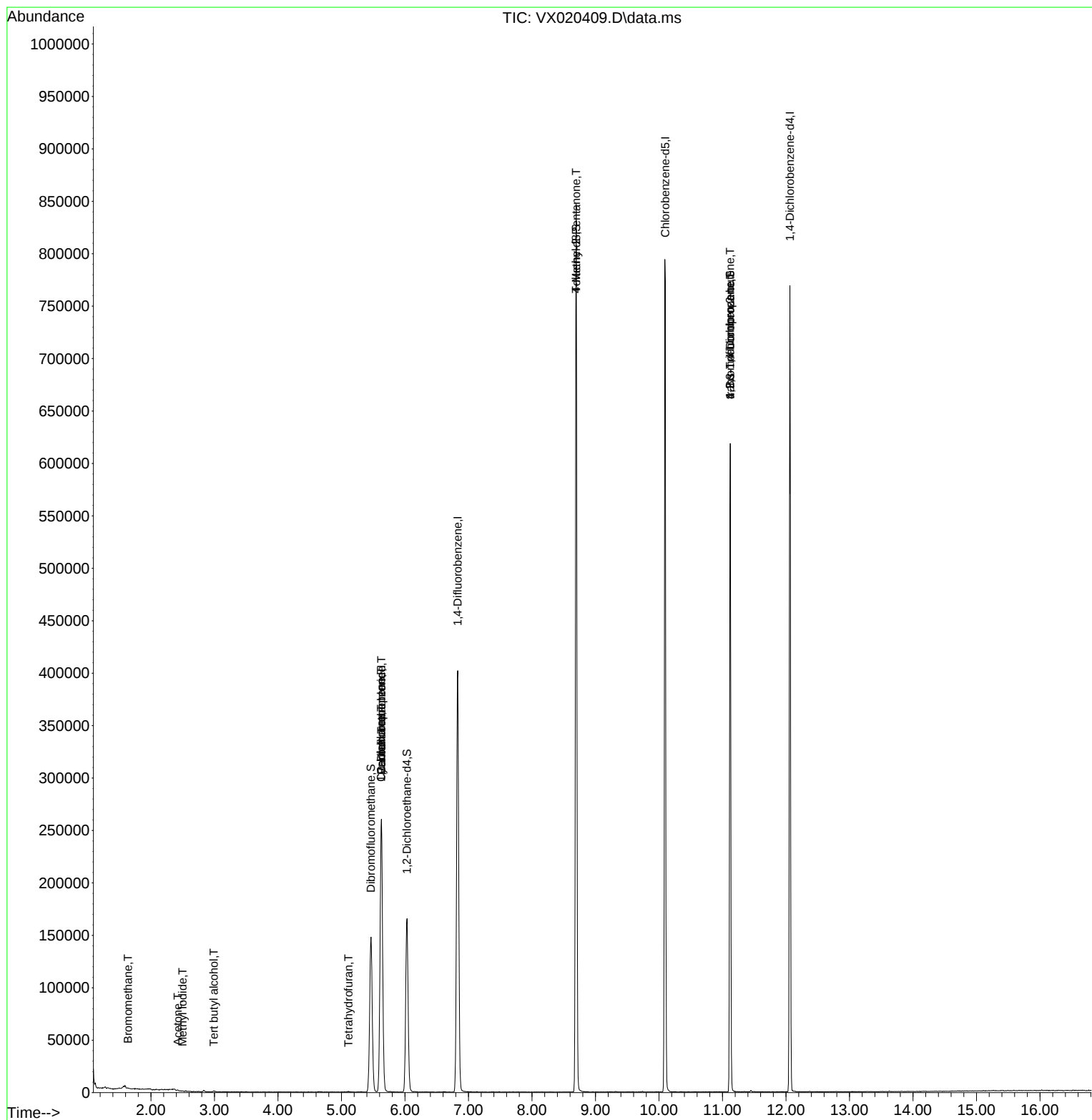
Internal Standards						
1) Pentafluorobenzene	5.629	168	252172	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	411558	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	379342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	159082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	156948	46.43	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.86%		
35) Dibromofluoromethane	5.465	113	128396	48.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.54%		
50) Toluene-d8	8.696	98	501286	49.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.94%		
62) 4-Bromofluorobenzene	11.122	95	174207	44.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.82%		
Target Compounds						Qvalue
5) Bromomethane	1.636	94	491	0.44	ug/l	82
10) Methyl Iodide	2.496	142	463	3.41	ug/l #	83
11) Tert butyl alcohol	2.989	59	522	0.69	ug/l #	73
16) Acetone	2.422	43	1078	0.70	ug/l #	80
29) Tetrahydrofuran	5.111	42	365	0.26	ug/l #	59
31) Cyclohexane	5.623	56	4605	0.99	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18794	4.62	ug/l #	49
38) Carbon Tetrachloride	5.629	117	24111	6.23	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	1872	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	81116	20.70	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	81116	61.41	ug/l #	12

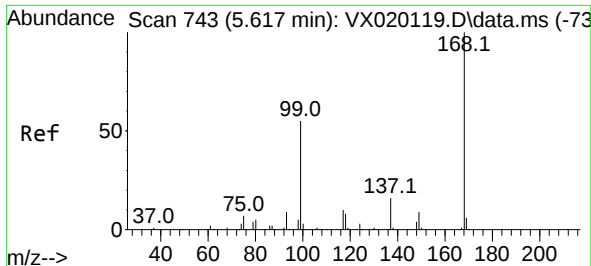
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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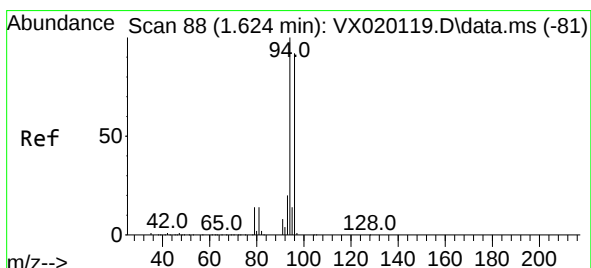
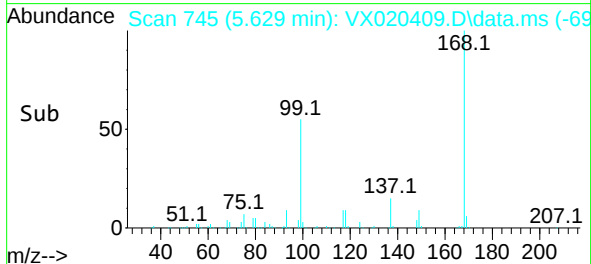
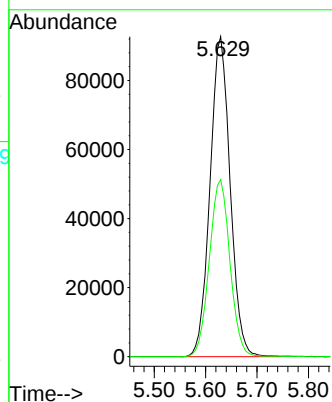
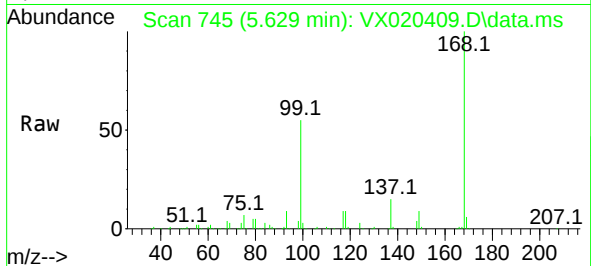




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

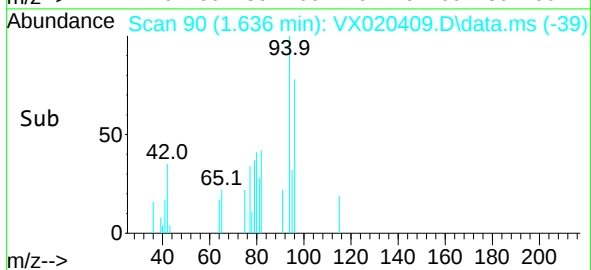
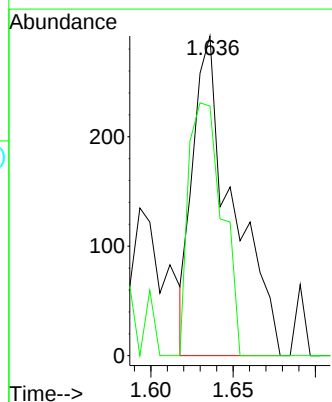
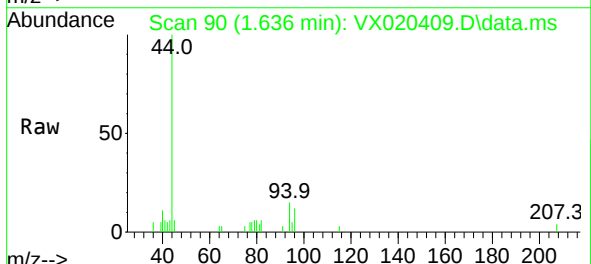
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-TB-122320

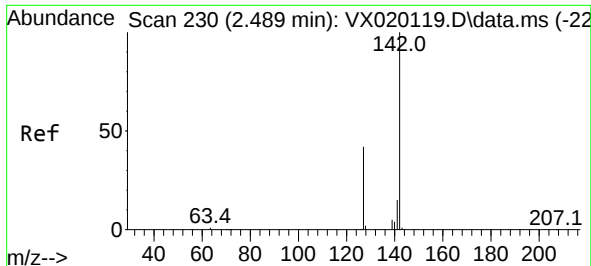
Tgt Ion:168 Resp: 252172
Ion Ratio Lower Upper
168 100
99 55.3 45.8 68.6



#5
Bromomethane
Concen: 0.44 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

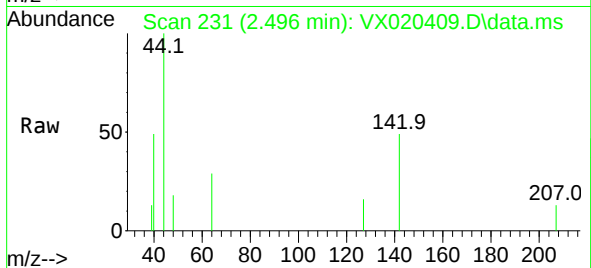
Tgt Ion: 94 Resp: 491
Ion Ratio Lower Upper
94 100
96 78.1 76.4 114.6



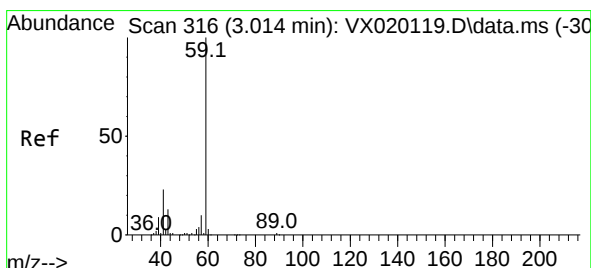
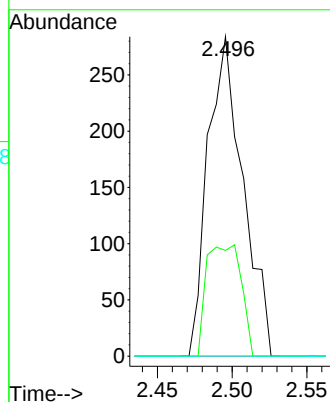
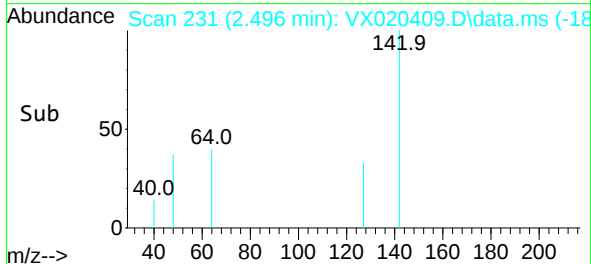


#10
Methyl Iodide
Concen: 3.41 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

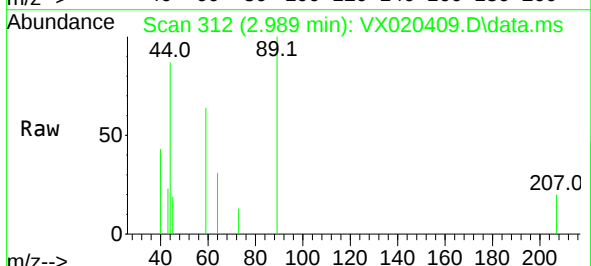
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-TB-122320



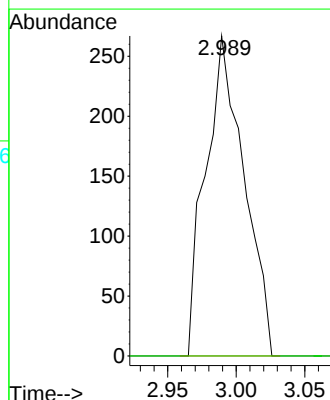
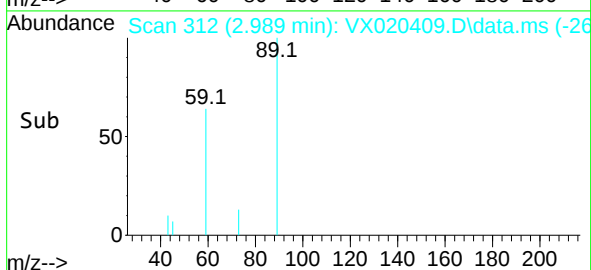
Tgt Ion:142 Resp: 463
Ion Ratio Lower Upper
142 100
127 34.6 33.3 49.9
141 0.0 11.4 17.0#

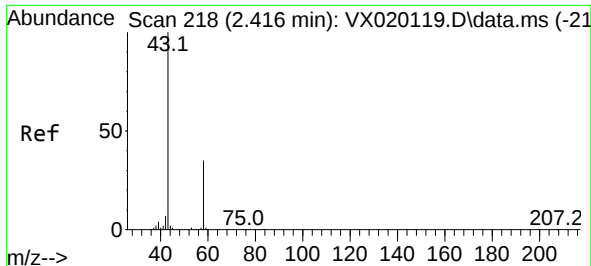


#11
Tert butyl alcohol
Concen: 0.69 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35



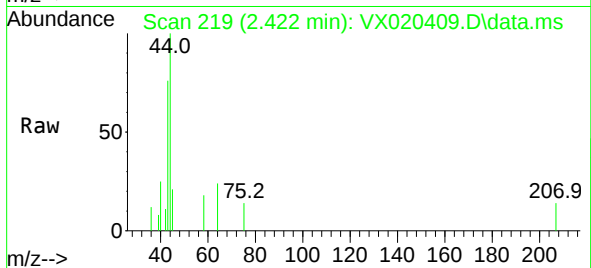
Tgt Ion: 59 Resp: 522
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



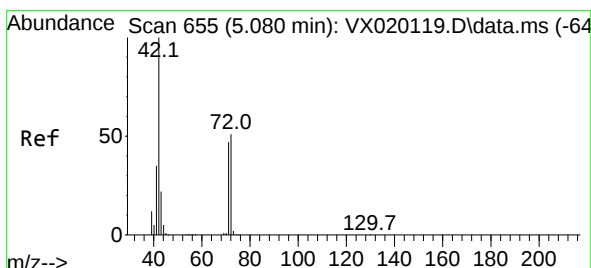
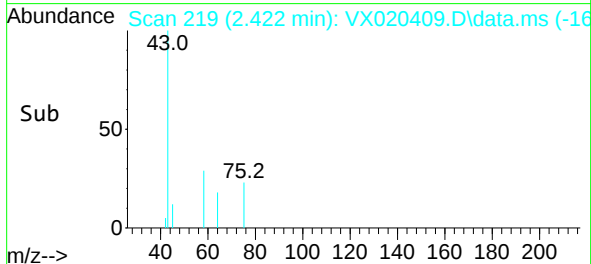
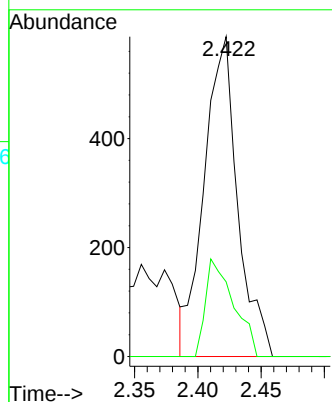


#16
Acetone
Concen: 0.70 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
SS013-13-TB-122320

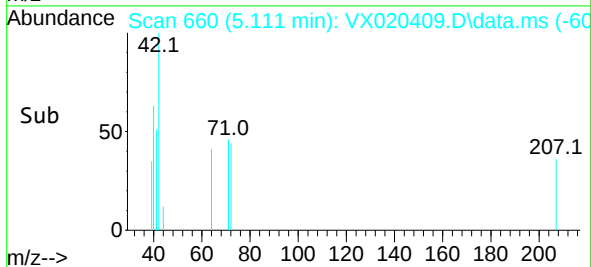
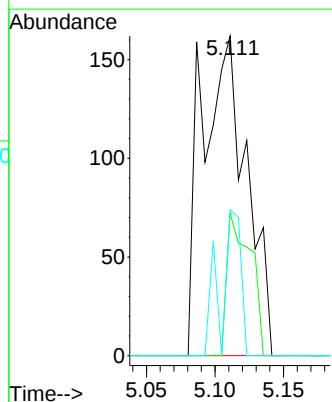
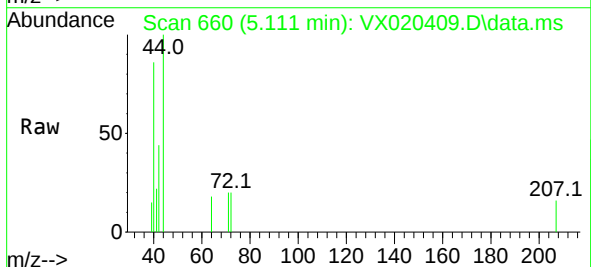


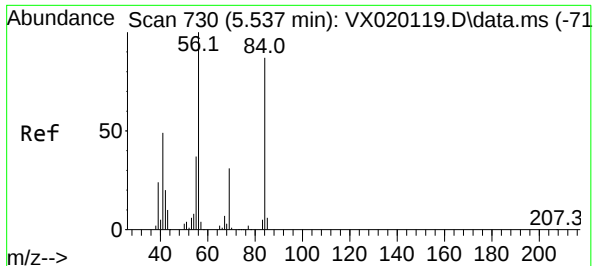
Tgt Ion: 43 Resp: 1078
Ion Ratio Lower Upper
43 100
58 23.3 27.8 41.8#



#29
Tetrahydrofuran
Concen: 0.26 ug/l
RT: 5.111 min Scan# 660
Delta R.T. 0.031 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

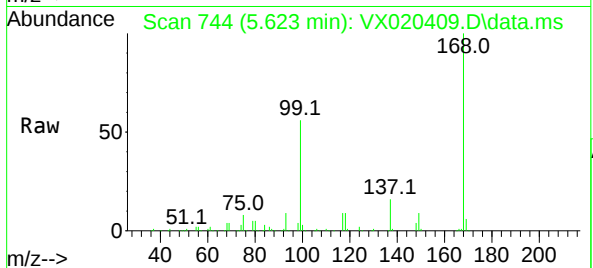
Tgt Ion: 42 Resp: 365
Ion Ratio Lower Upper
42 100
72 23.6 41.7 62.5#
71 20.3 38.4 57.6#



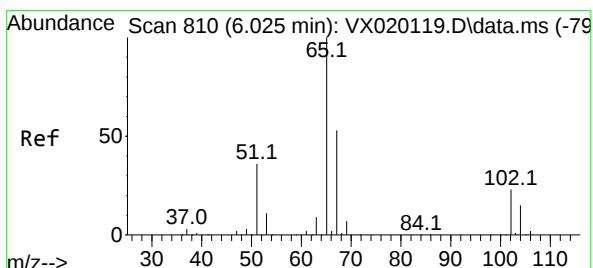
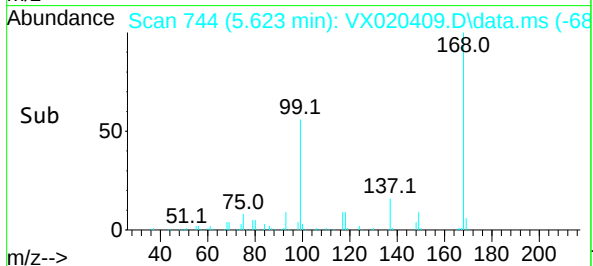
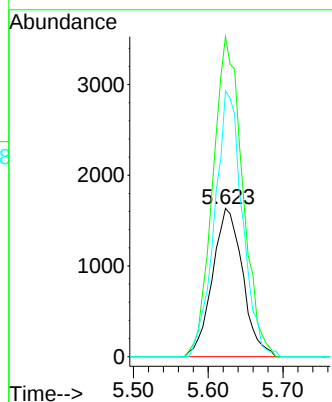


#31
Cyclohexane
Concen: 0.99 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

Instrument :
MSVOA_X
ClientSampleId :
SS013-13-TB-122320

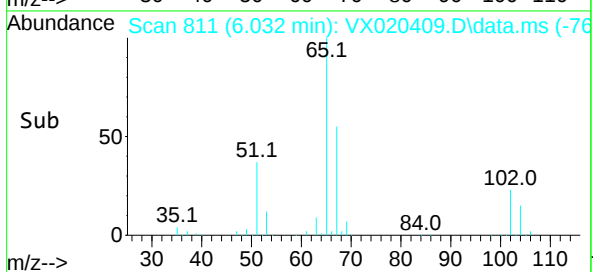
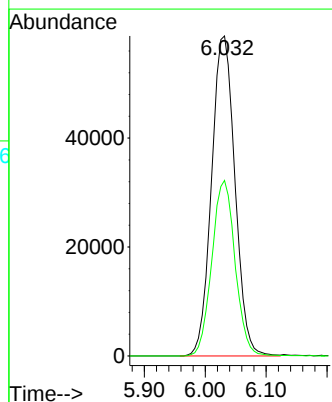
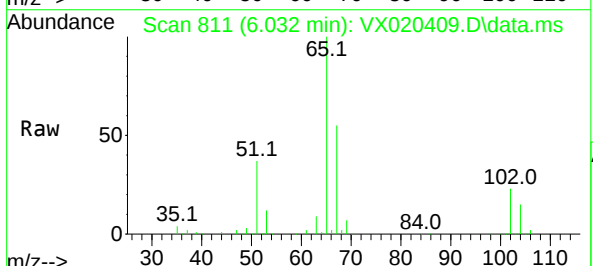


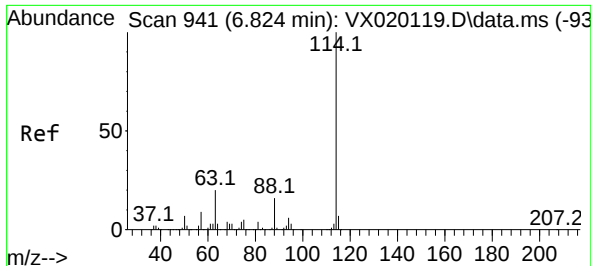
Tgt Ion: 56 Resp: 4605
Ion Ratio Lower Upper
56 100
69 215.8 25.3 37.9#
84 179.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 46.43 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

Tgt Ion: 65 Resp: 156948
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4

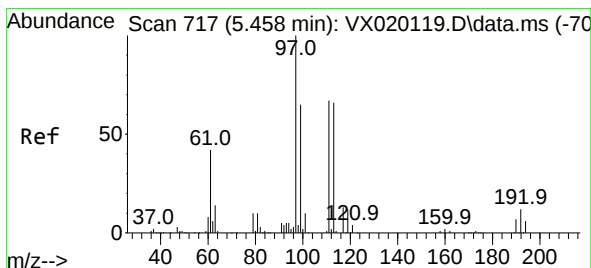
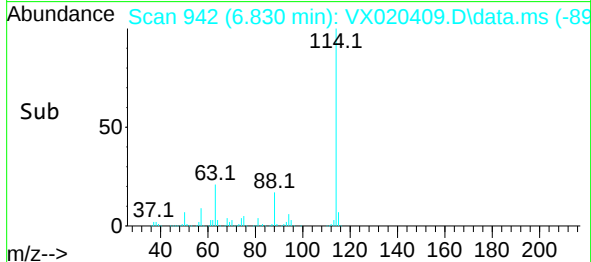
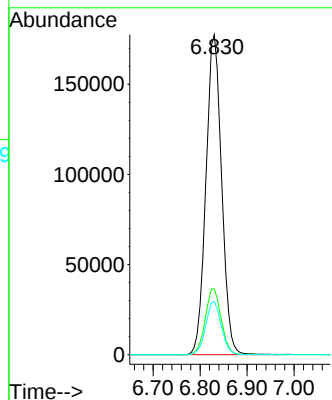
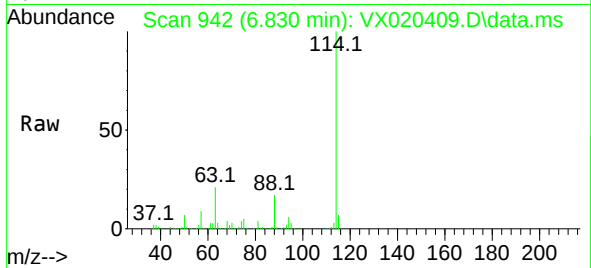




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

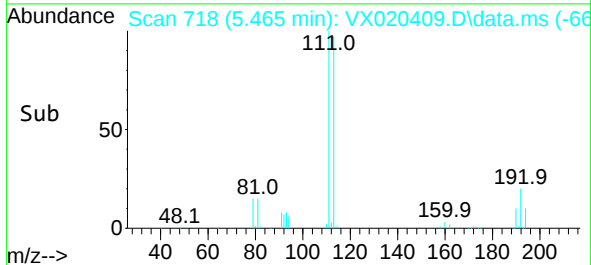
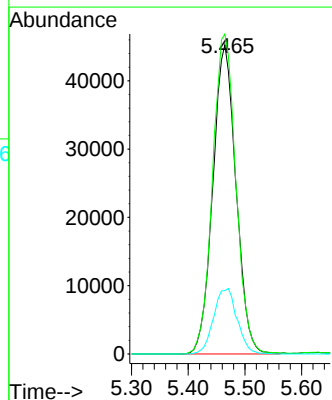
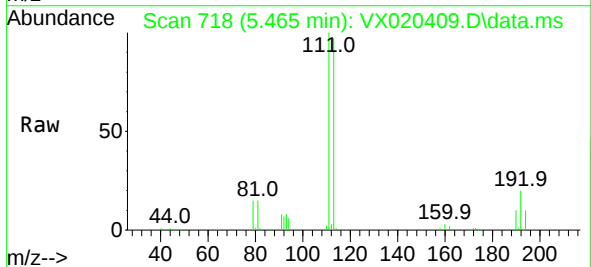
Instrument :
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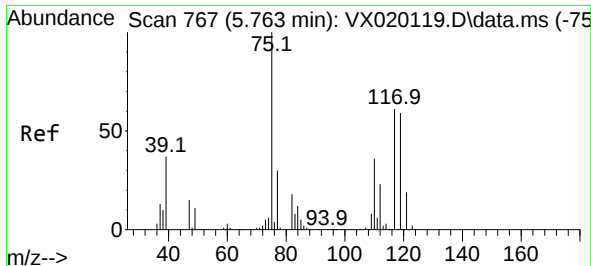
Tgt Ion:114 Resp: 411558
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.77 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

Tgt Ion:113 Resp: 128396
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 21.4 16.7 25.1

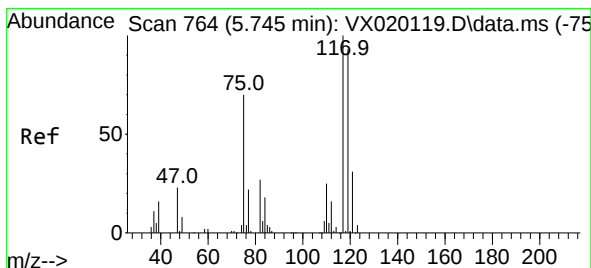
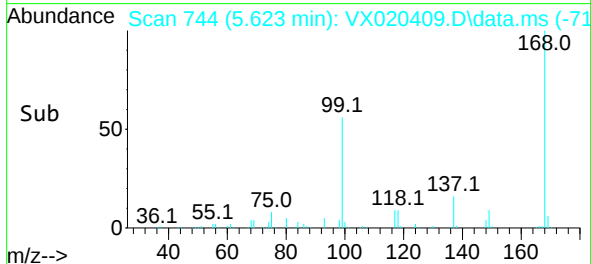
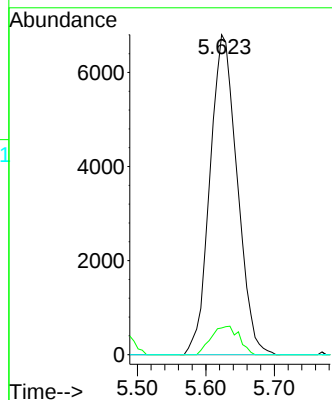
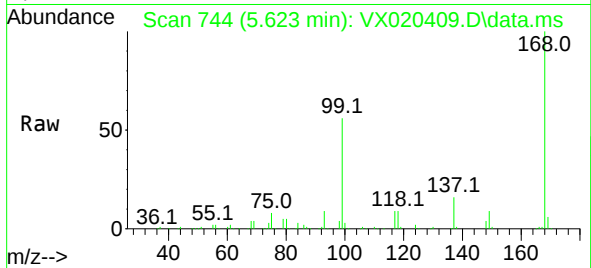




#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

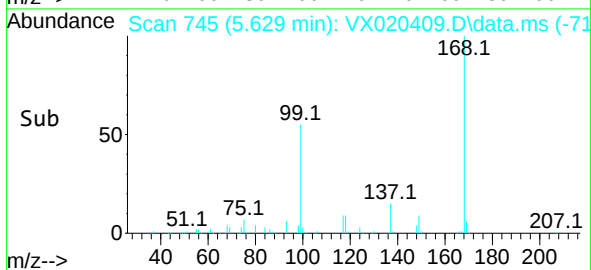
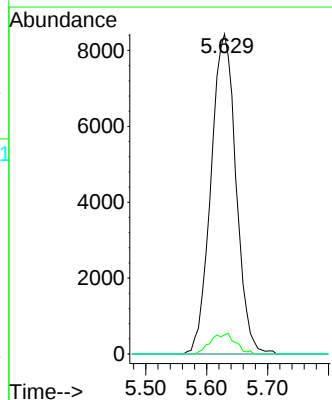
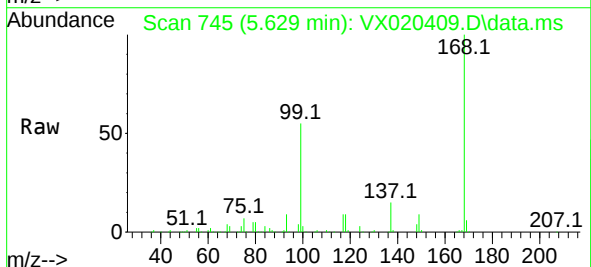
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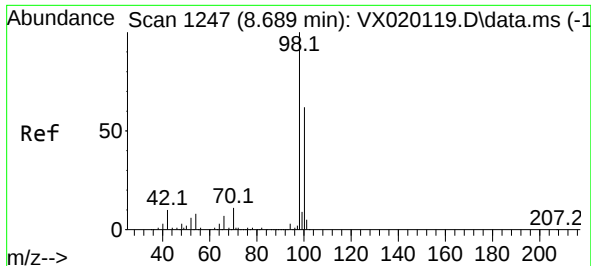
Tgt Ion: 75 Resp: 18794
Ion Ratio Lower Upper
75 100
110 9.1 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

Tgt Ion: 117 Resp: 24111
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

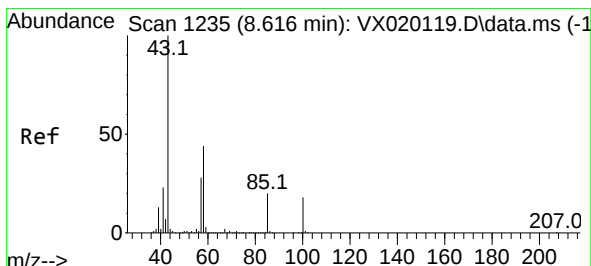
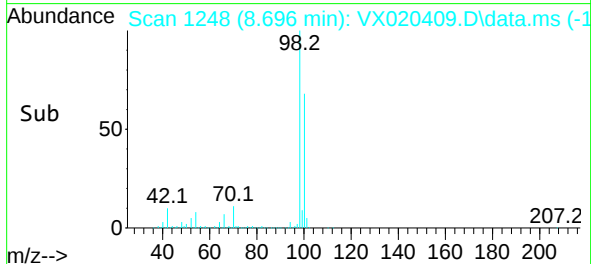
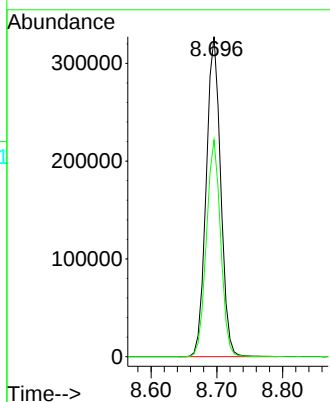
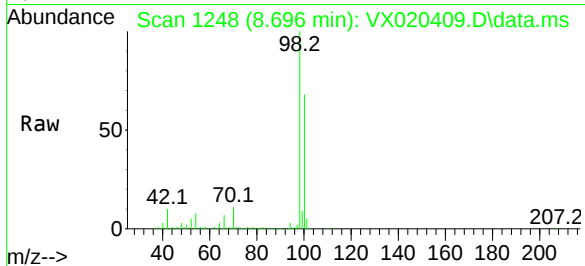




#50
Toluene-d8
Concen: 49.47 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

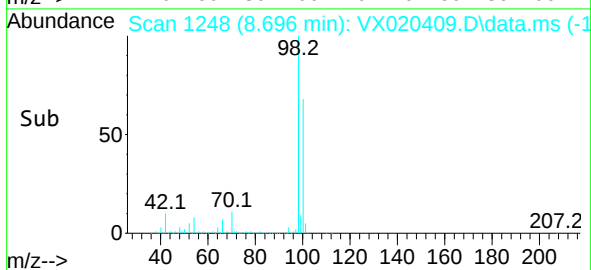
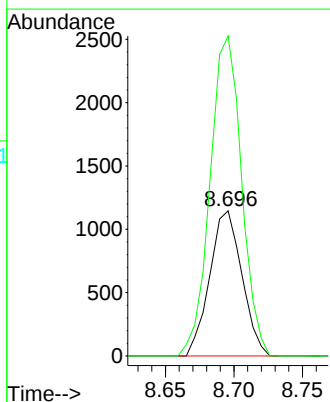
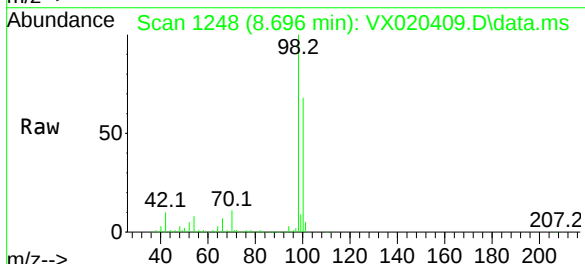
Instrument :
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SS013-13-TB-122320

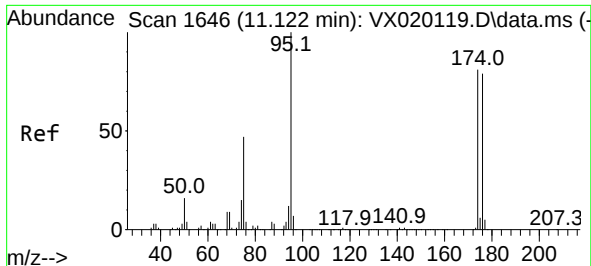
Tgt Ion: 98 Resp: 501286
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

Tgt Ion: 43 Resp: 1872
Ion Ratio Lower Upper
43 100
58 216.0 35.4 53.0#

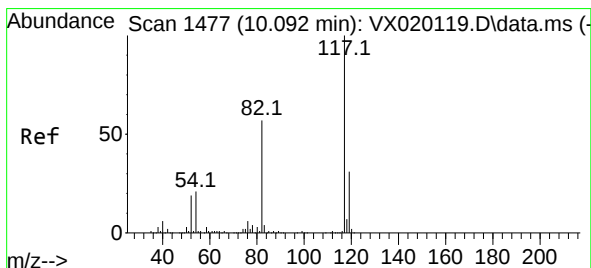
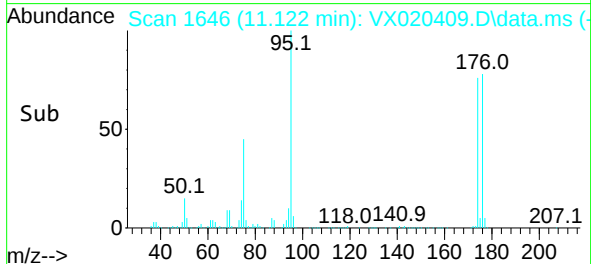
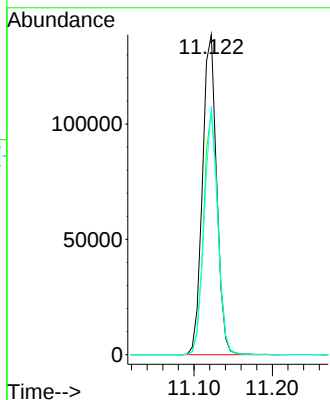
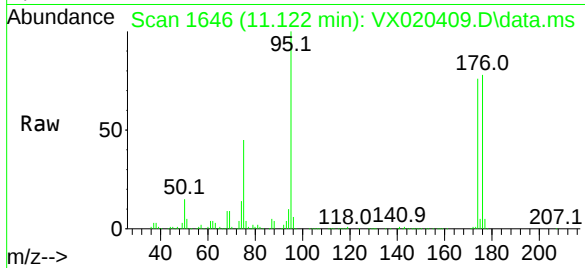




#62
4-Bromofluorobenzene
Concen: 44.91 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

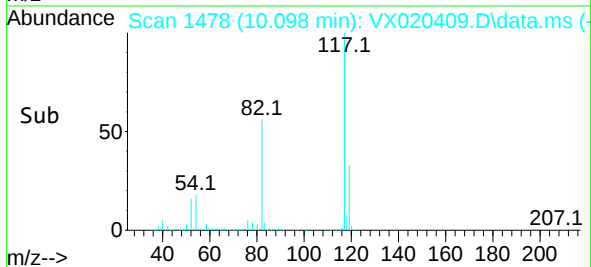
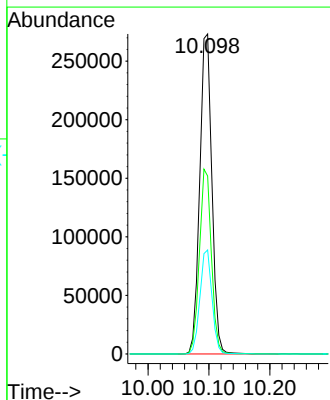
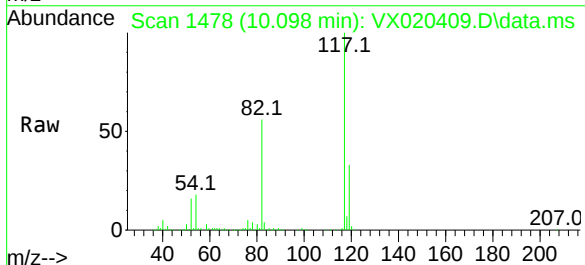
Instrument :
MSVOA_X
ClientSampleId :
SS013-13-TB-122320

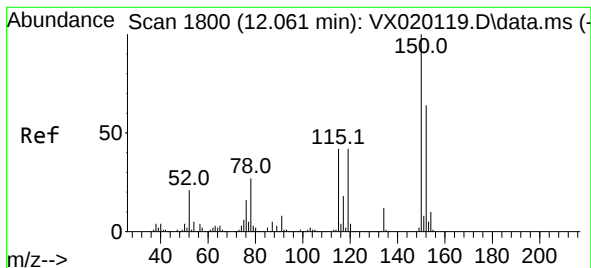
Tgt Ion: 95 Resp: 174207
Ion Ratio Lower Upper
95 100
174 77.0 0.0 154.6
176 73.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020409.D
Acq: 28 Dec 2020 13:35

Tgt Ion: 117 Resp: 379342
Ion Ratio Lower Upper
117 100
82 55.6 47.4 71.2
119 32.5 26.6 39.8

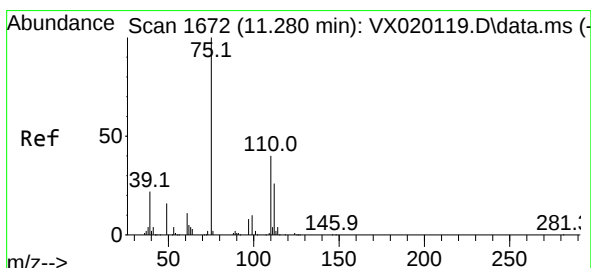
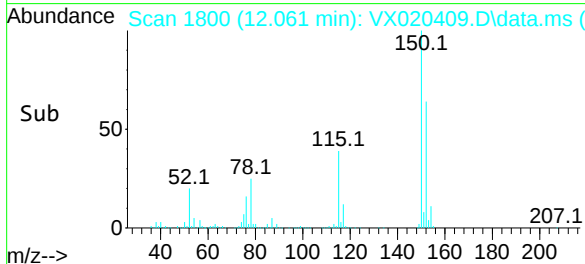
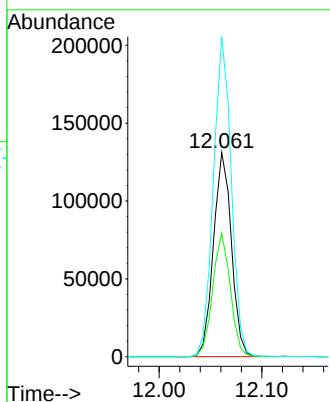
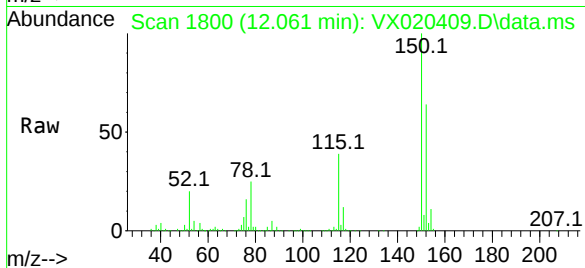




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020409.D
 Acq: 28 Dec 2020 13:35

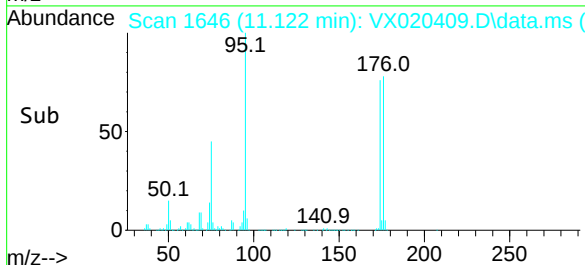
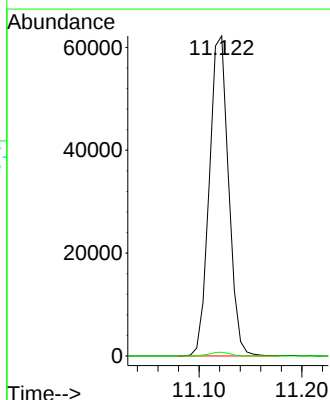
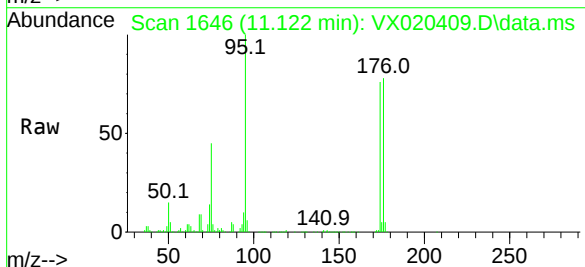
Instrument :
 MSVOA_X
 ClientSampleId :
 SS013-13-TB-122320

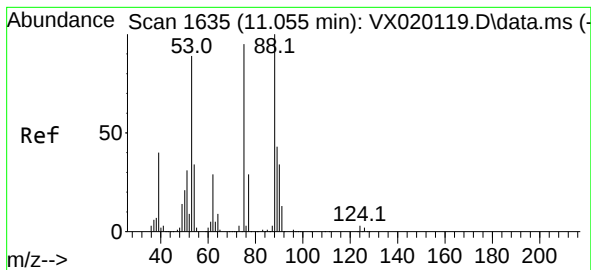
Tgt Ion:152 Resp: 159082
 Ion Ratio Lower Upper
 152 100
 115 59.4 41.1 123.3
 150 156.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 20.70 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.158 min
 Lab File: VX020409.D
 Acq: 28 Dec 2020 13:35

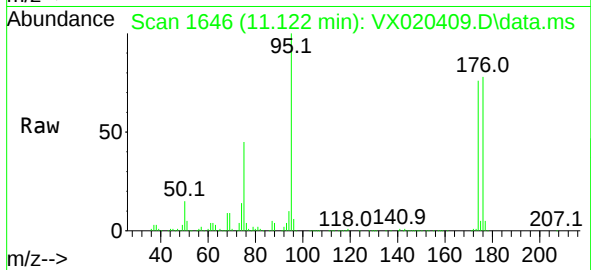
Tgt Ion: 75 Resp: 81116
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.41 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020409.D
 Acq: 28 Dec 2020 13:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS013-13-TB-122320



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

