

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122420\
 Data File : VX020387.D
 Acq On : 24 Dec 2020 14:59
 Operator : JC/MD
 Sample : L5124-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 25 01:13:23 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)

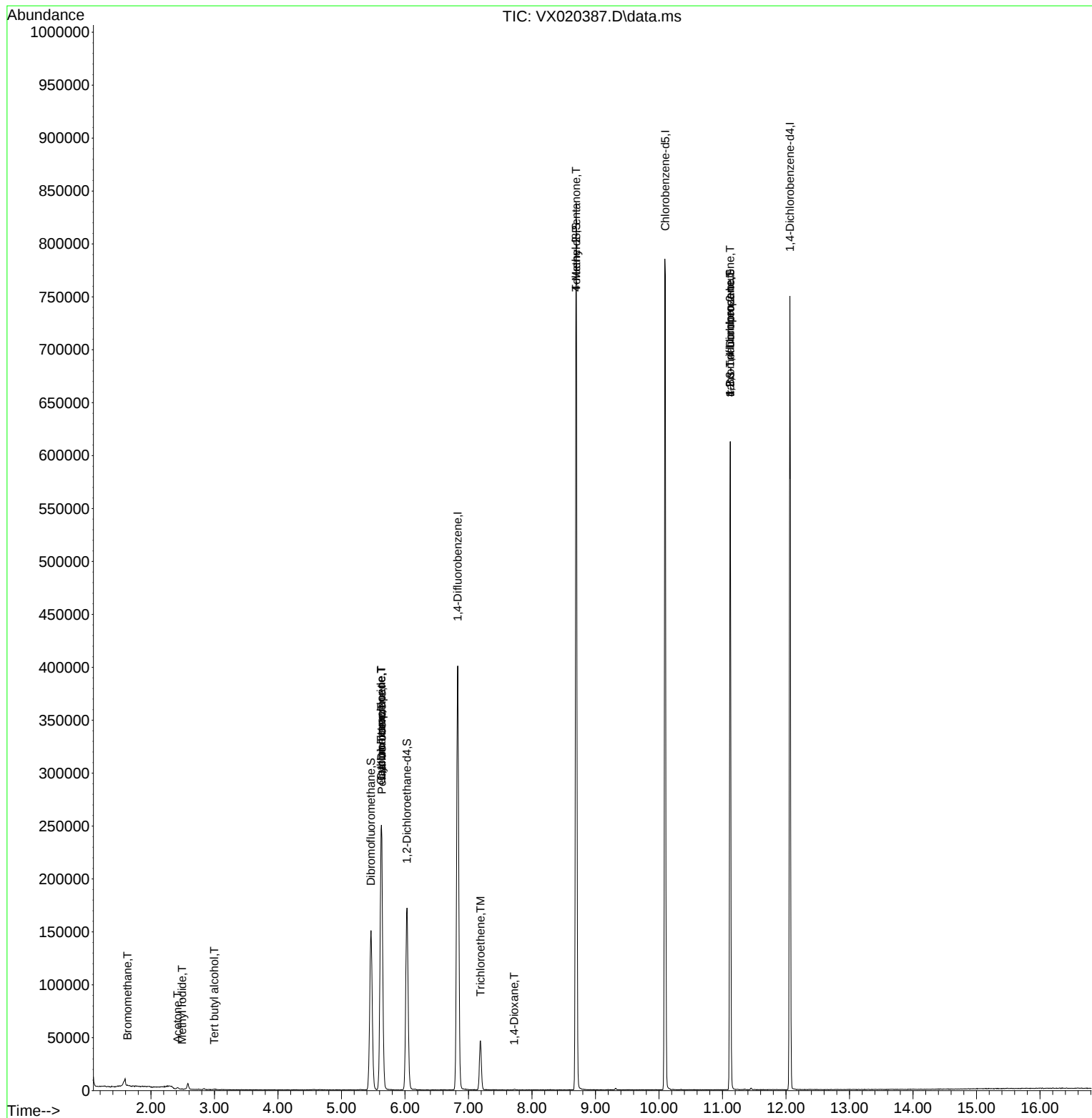
Internal Standards						
1) Pentafluorobenzene	5.635	168	235031	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.830	114	398540	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	372279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	148016	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	162621	51.62	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.24%			
35) Dibromofluoromethane	5.465	113	130449	51.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.34%			
50) Toluene-d8	8.696	98	489938	49.92	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.84%			
62) 4-Bromofluorobenzene	11.122	95	165334	44.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.04%			
Target Compounds						Qvalue
5) Bromomethane	1.630	94	322	0.31	ug/l	88
10) Methyl Iodide	2.489	142	259	3.36	ug/l #	64
11) Tert butyl alcohol	2.995	59	385	0.55	ug/l #	73
16) Acetone	2.416	43	1342	0.93	ug/l	89
31) Cyclohexane	5.629	56	4812	1.11	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	18894	4.80	ug/l #	49
38) Carbon Tetrachloride	5.623	117	23803	6.35	ug/l #	17
44) Trichloroethene	7.190	130	18055	5.70	ug/l	99
49) 1,4-Dioxane	7.720	88	388	5.23	ug/l #	92
51) 4-Methyl-2-Pentanone	8.696	43	1887	0.47	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	80991	22.21	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	80991	65.90	ug/l #	12

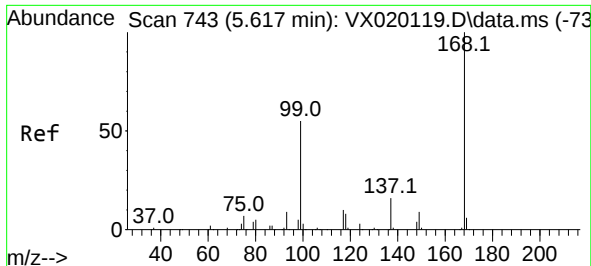
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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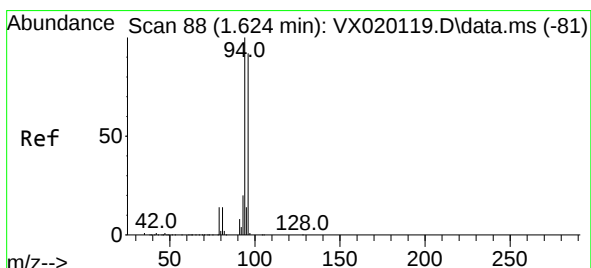
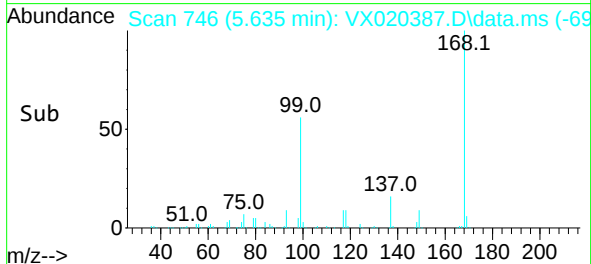
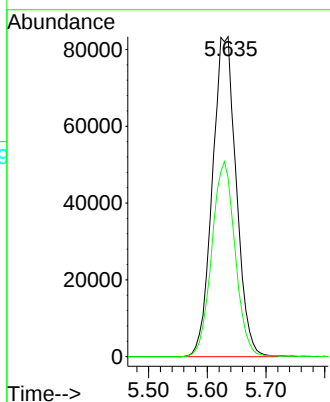
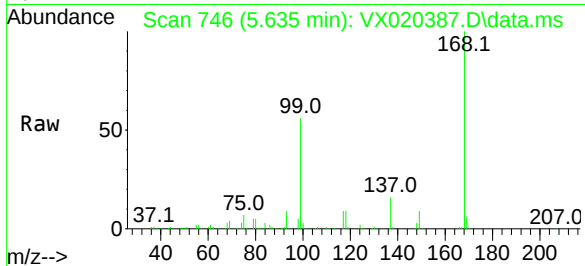




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.018 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

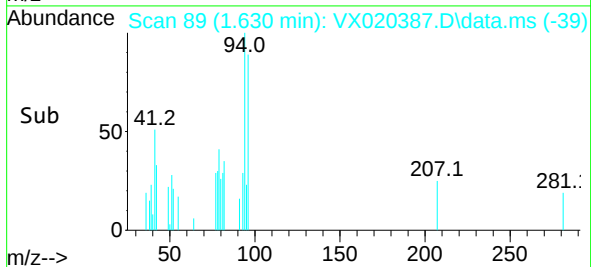
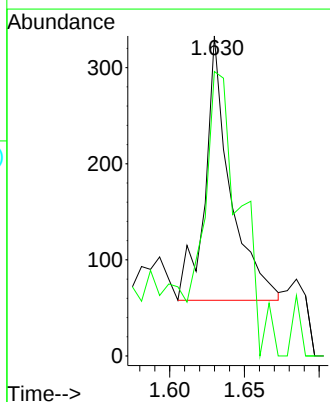
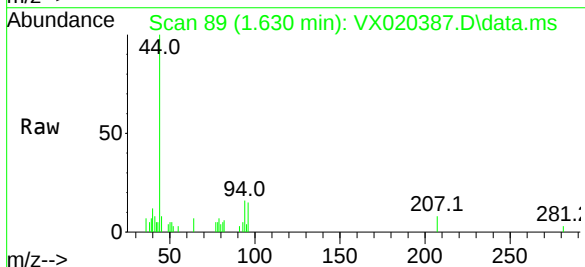
Instrument :
MSVOA_X
ClientSampled :

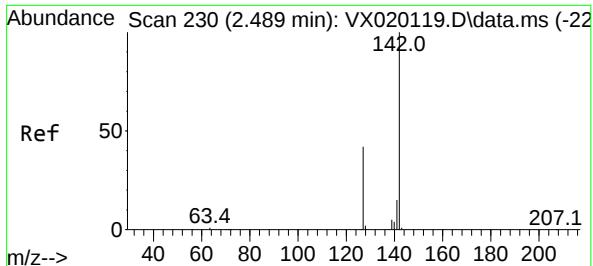
Tgt Ion:168 Resp: 235031
Ion Ratio Lower Upper
168 100
99 55.8 45.8 68.6



#5
Bromomethane
Concen: 0.31 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

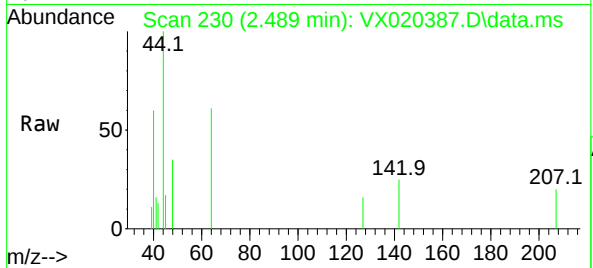
Tgt Ion: 94 Resp: 322
Ion Ratio Lower Upper
94 100
96 107.6 76.4 114.6



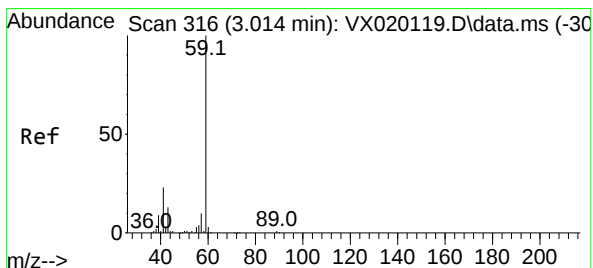
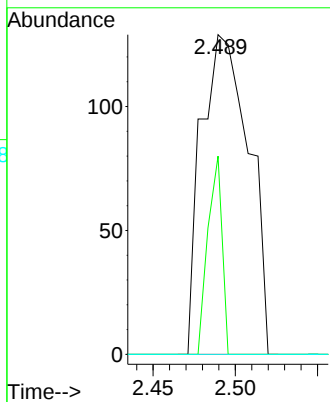
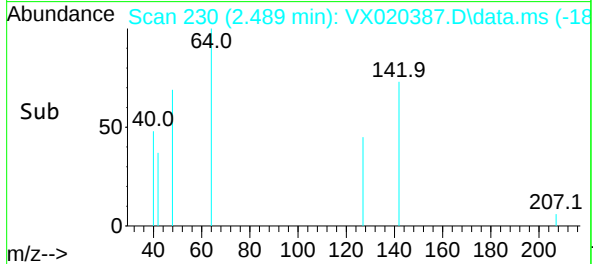


#10
Methyl Iodide
Concen: 3.36 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

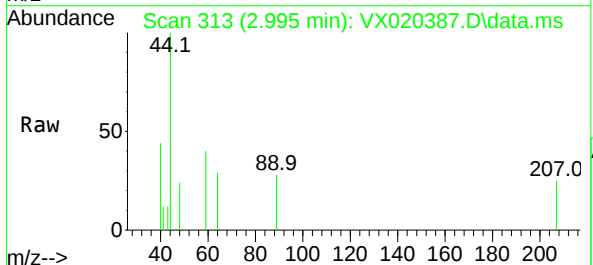
Instrument :
MSVOA_X
ClientSampleId :



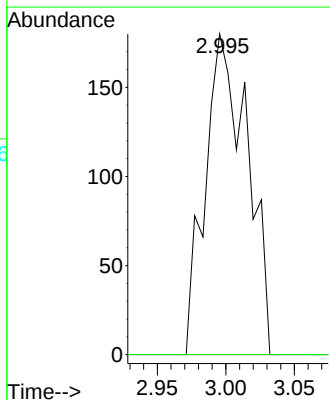
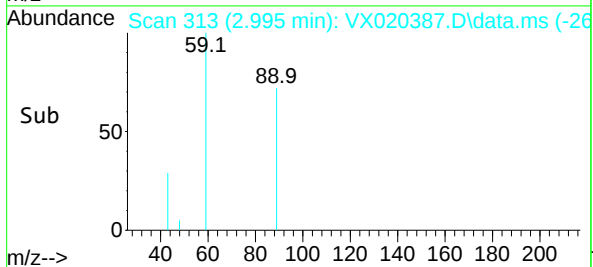
Tgt Ion:142 Resp: 259
Ion Ratio Lower Upper
142 100
127 18.5 33.3 49.9#
141 0.0 11.4 17.0#

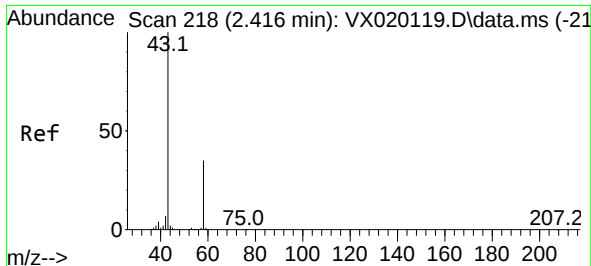


#11
Tert butyl alcohol
Concen: 0.55 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59



Tgt Ion: 59 Resp: 385
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

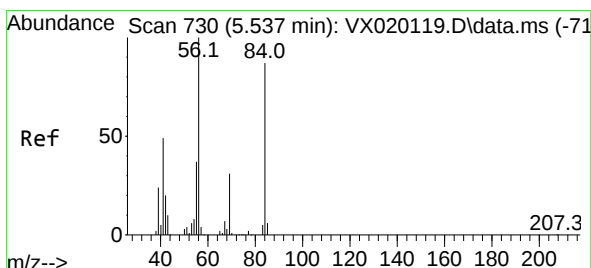
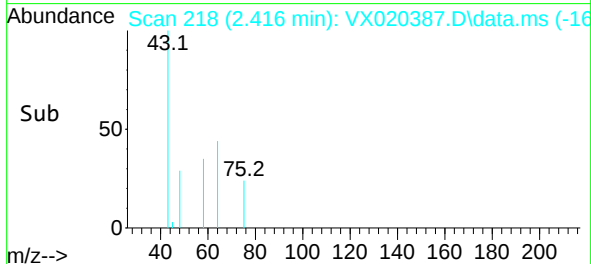
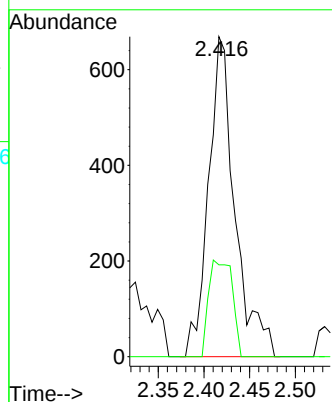
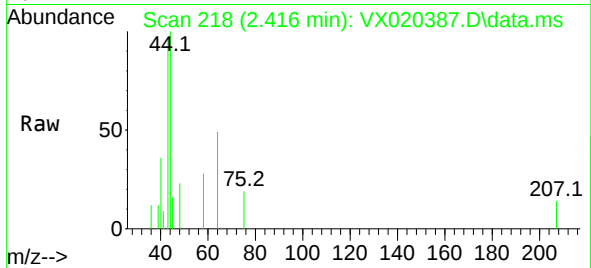




#16
Acetone
Concen: 0.93 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

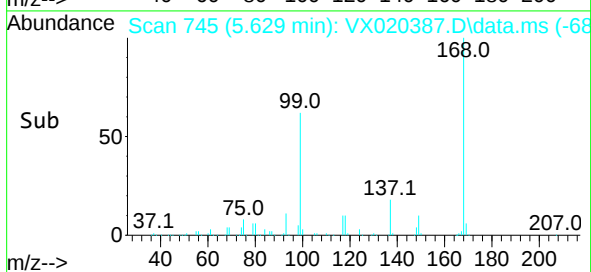
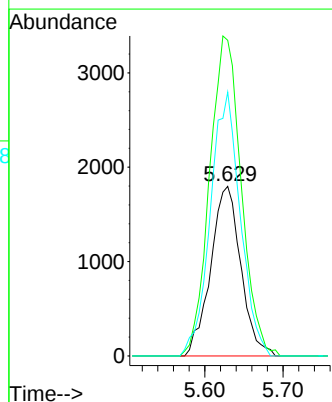
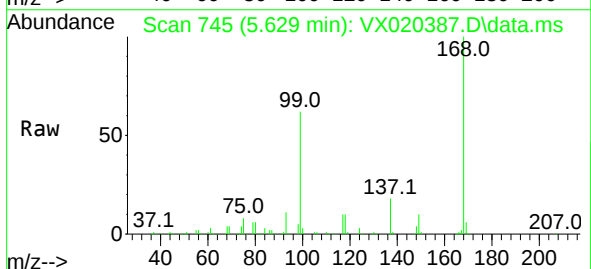
Instrument :
MSVOA_X
ClientSampled :

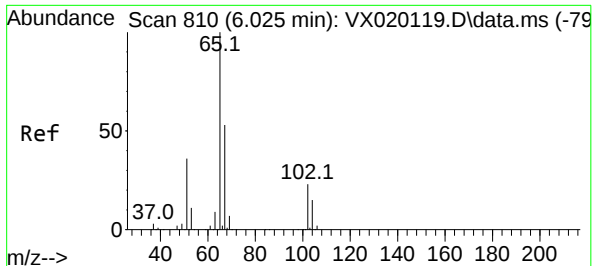
Tgt Ion: 43 Resp: 1342
Ion Ratio Lower Upper
43 100
58 28.7 27.8 41.8



#31
Cyclohexane
Concen: 1.11 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Tgt Ion: 56 Resp: 4812
Ion Ratio Lower Upper
56 100
69 186.0 25.3 37.9#
84 155.5 71.4 107.0#

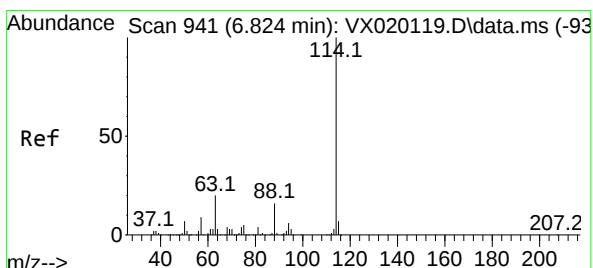
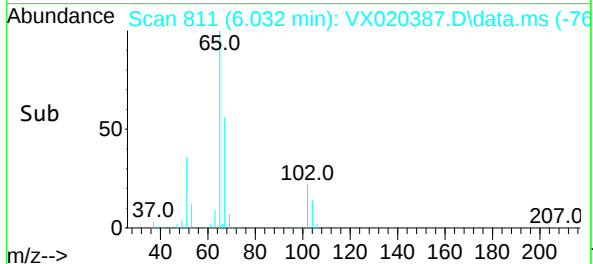
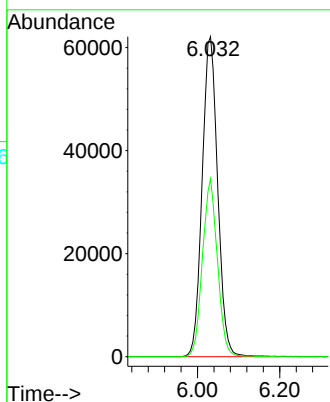
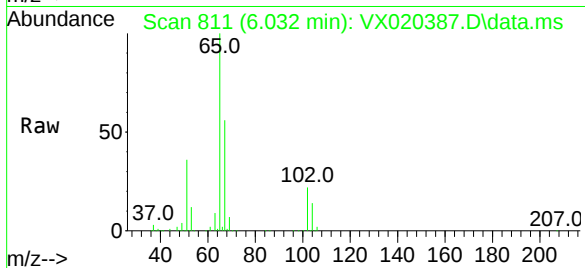




#33
1,2-Dichloroethane-d4
Concen: 51.62 ug/l
RT: 6.032 min Scan# 811
Delta R.T. 0.007 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

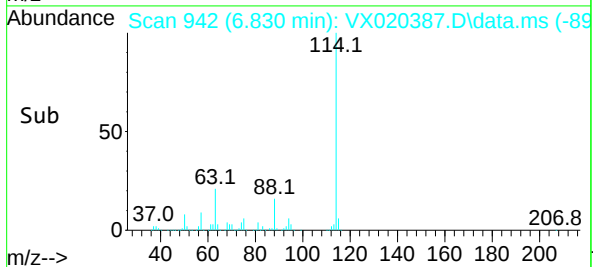
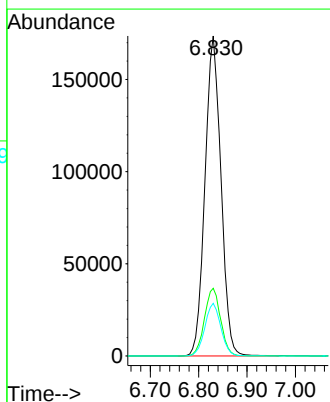
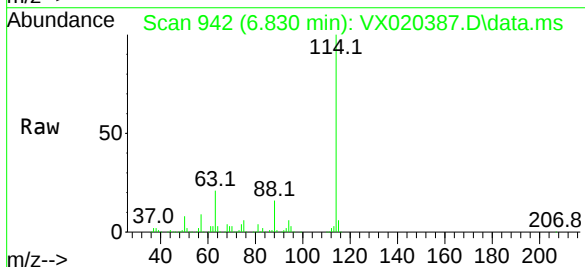
Instrument :
MSVOA_X
ClientSampled :

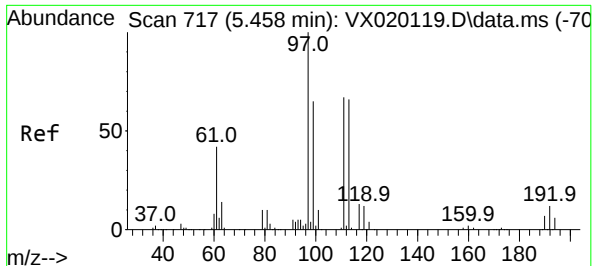
Tgt Ion: 65 Resp: 162621
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Tgt Ion: 114 Resp: 398540
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 16.4 0.0 32.8

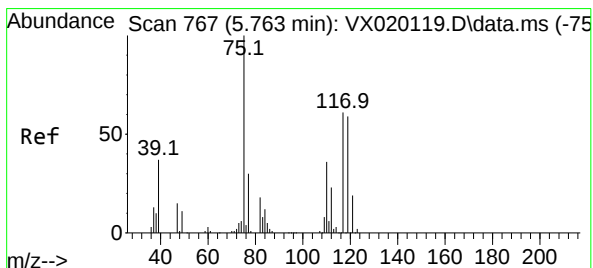
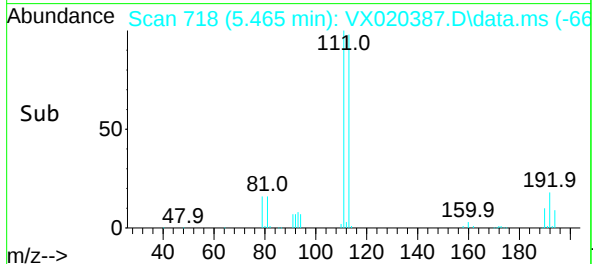
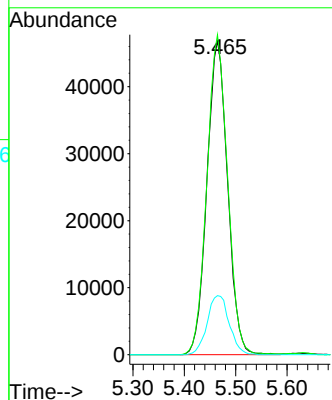
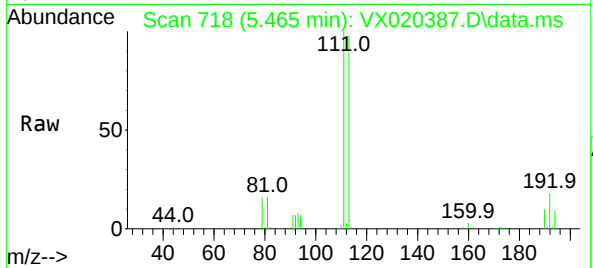




#35
Dibromofluoromethane
Concen: 51.17 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

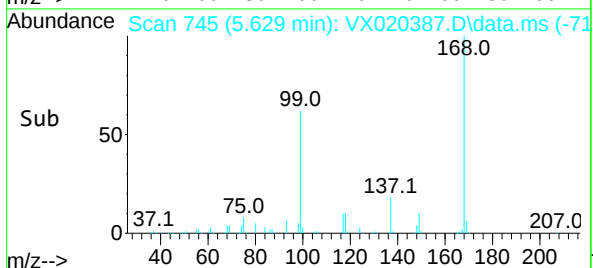
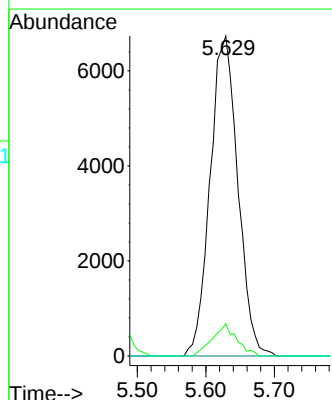
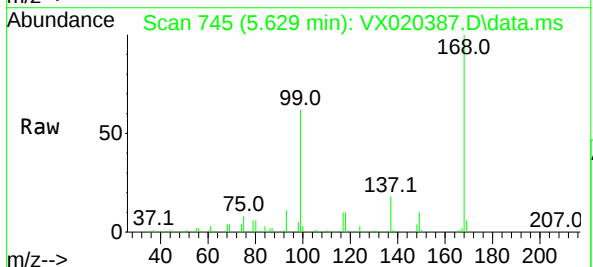
Instrument :
MSVOA_X
ClientSampleId :

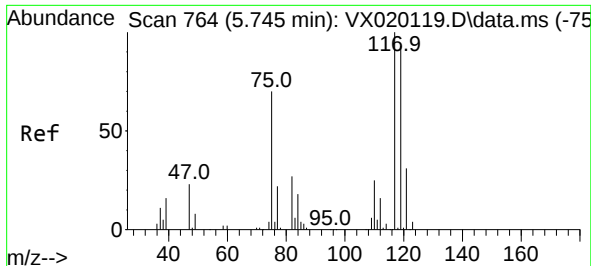
Tgt Ion:113 Resp: 130449
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

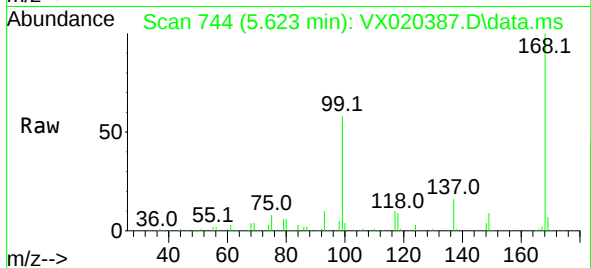
Tgt Ion: 75 Resp: 18894
Ion Ratio Lower Upper
75 100
110 8.8 18.1 54.4#
77 0.0 25.3 37.9#



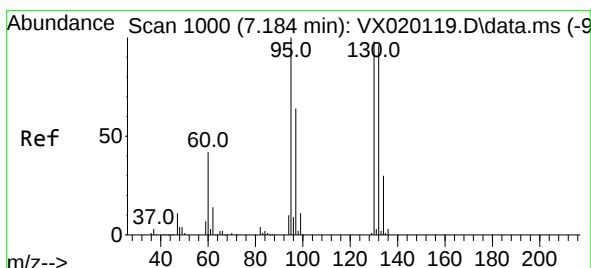
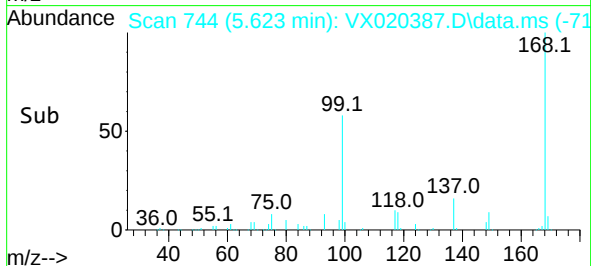
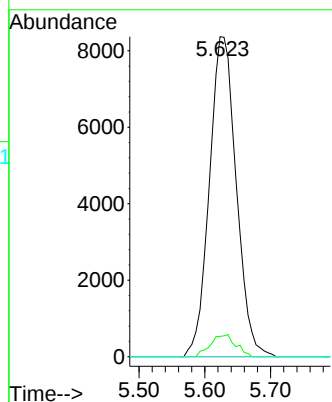


#38
Carbon Tetrachloride
Concen: 6.35 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :

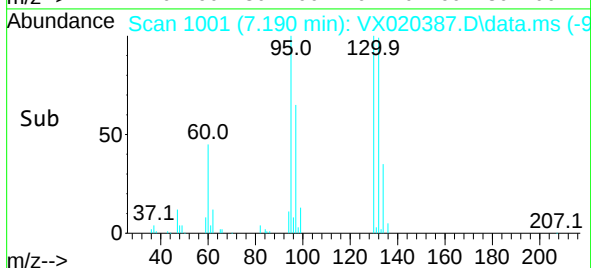
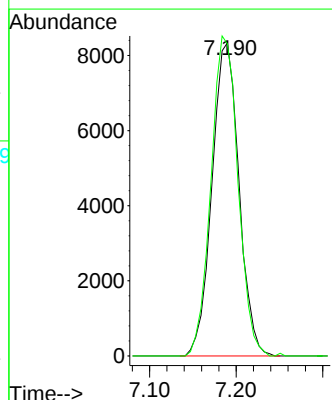
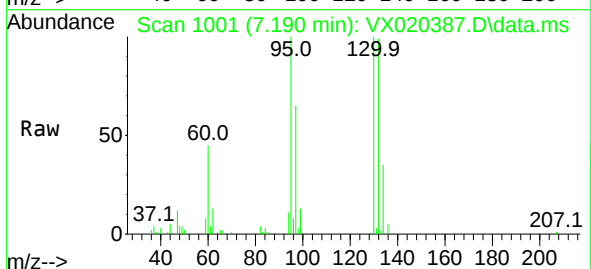


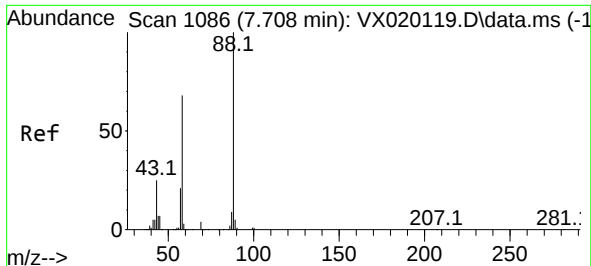
Tgt Ion:117 Resp: 23803
Ion Ratio Lower Upper
117 100
119 6.4 76.2 114.2#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 5.70 ug/l
RT: 7.190 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Tgt Ion:130 Resp: 18055
Ion Ratio Lower Upper
130 100
95 99.6 0.0 198.0

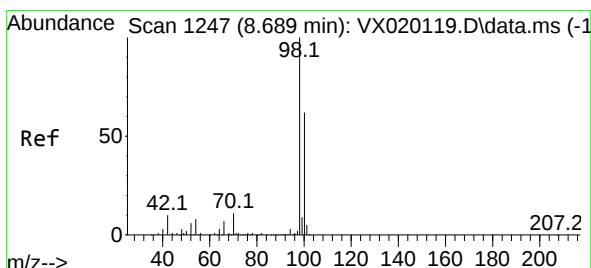
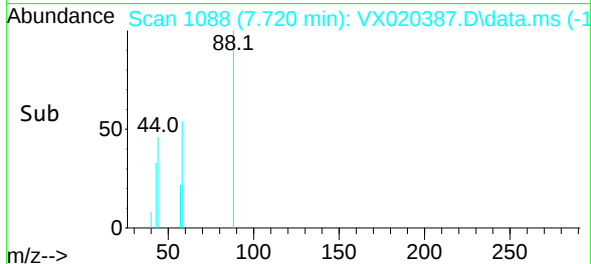
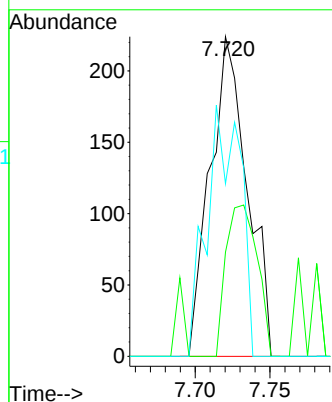
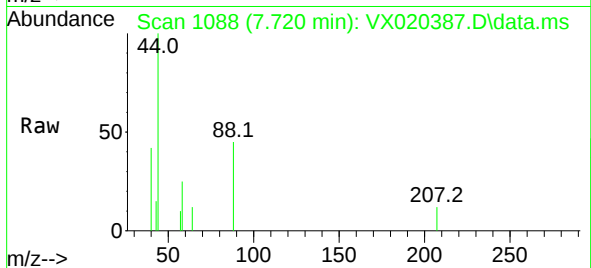




#49
1,4-Dioxane
Concen: 5.23 ug/l
RT: 7.720 min Scan# 1088
Delta R.T. 0.012 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

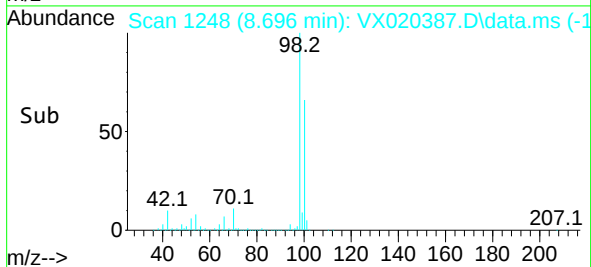
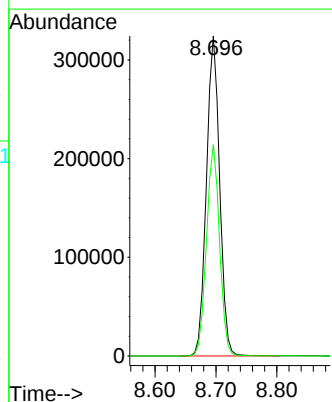
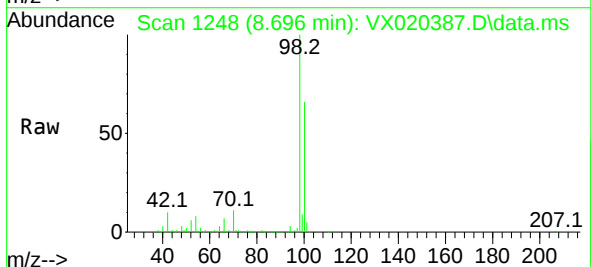
Instrument :
MSVOA_X
ClientSampled :

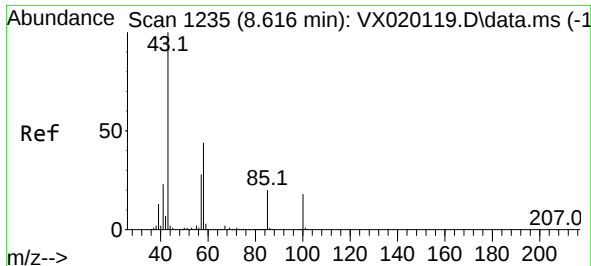
Tgt Ion: 88 Resp: 388
Ion Ratio Lower Upper
88 100
43 39.7 23.2 34.8#
58 71.1 55.0 82.4



#50
Toluene-d8
Concen: 49.92 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Tgt Ion: 98 Resp: 489938
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9

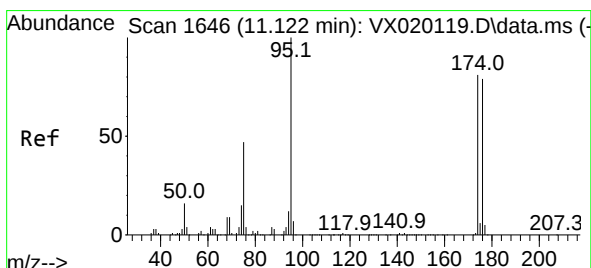
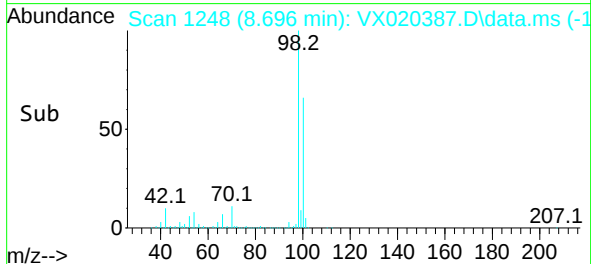
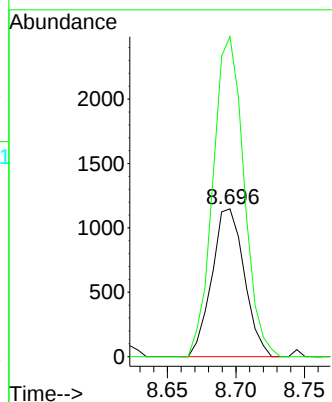
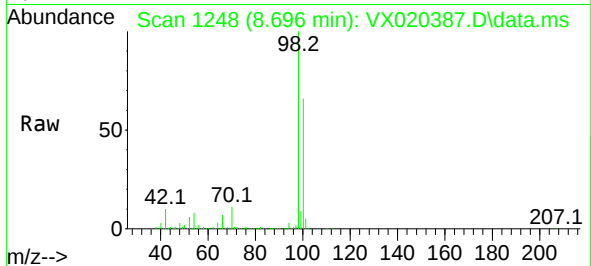




#51
4-Methyl-2-Pentanone
Concen: 0.47 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

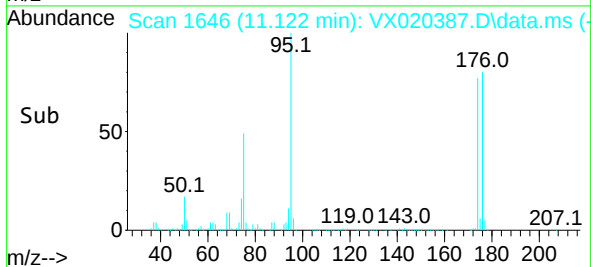
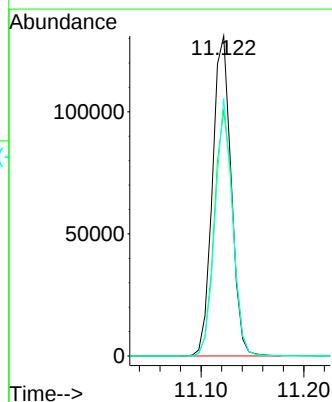
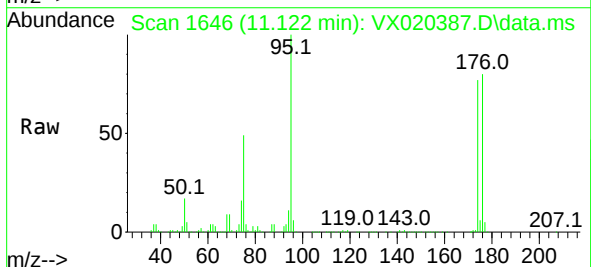
Instrument :
MSVOA_X
ClientSampled :

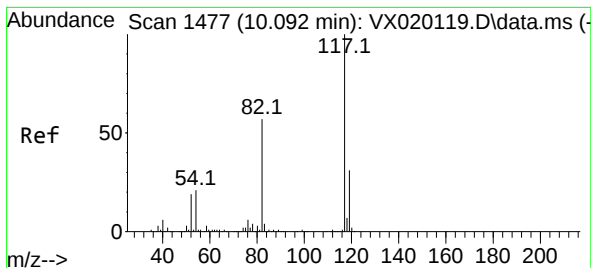
Tgt Ion: 43 Resp: 1887
Ion Ratio Lower Upper
43 100
58 206.7 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 44.02 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Tgt Ion: 95 Resp: 165334
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 74.9 0.0 155.8

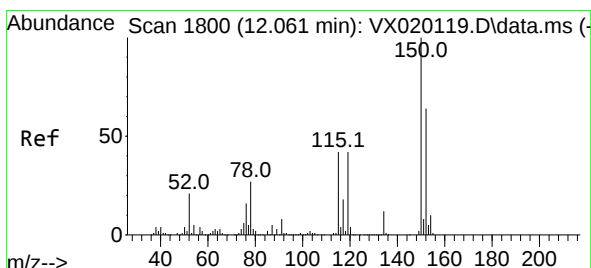
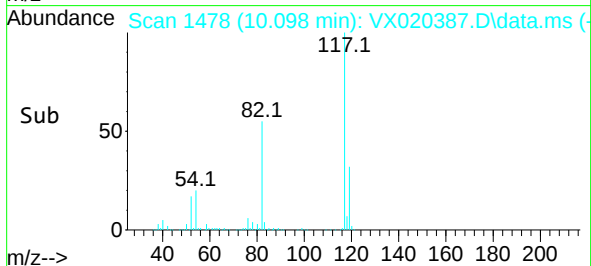
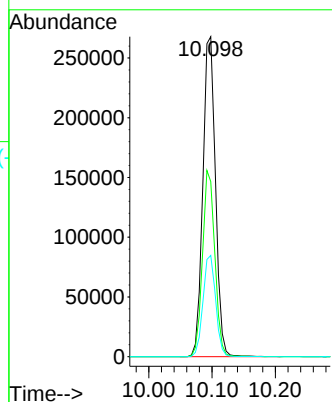
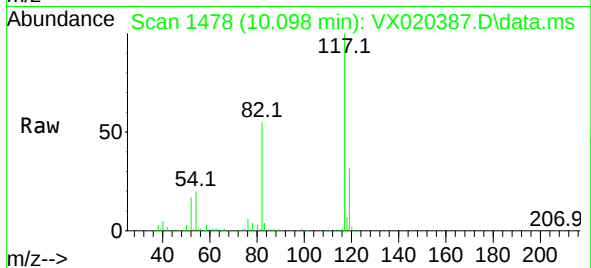




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

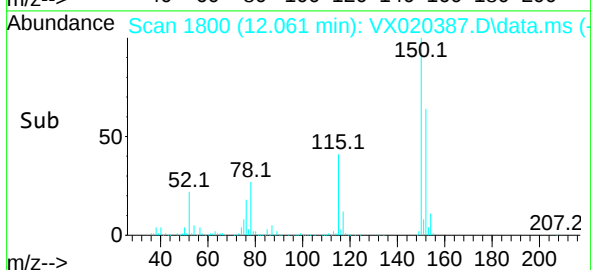
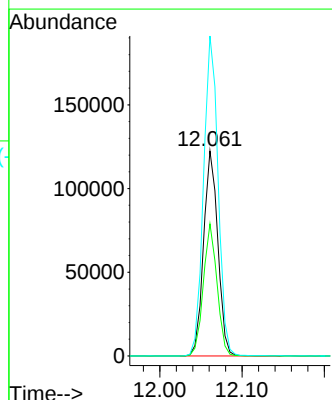
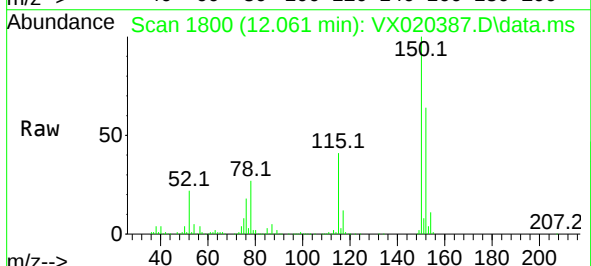
Instrument :
MSVOA_X
ClientSampleId :

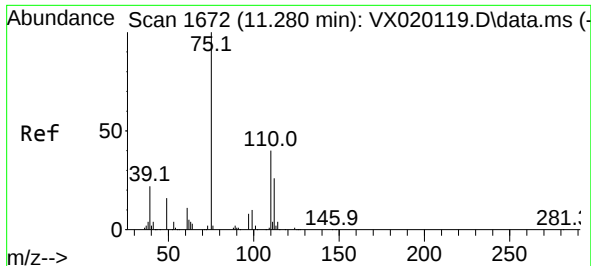
Tgt Ion:117 Resp: 372279
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Tgt Ion:152 Resp: 148016
Ion Ratio Lower Upper
152 100
115 61.9 41.1 123.3
150 158.9 0.0 349.0

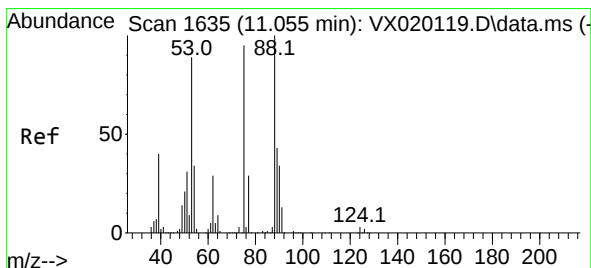
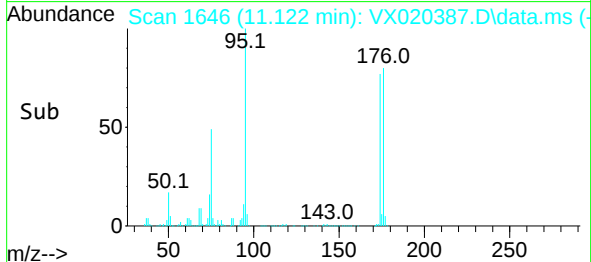
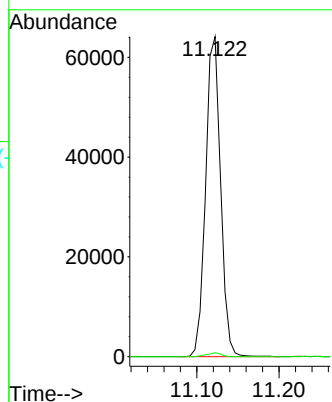
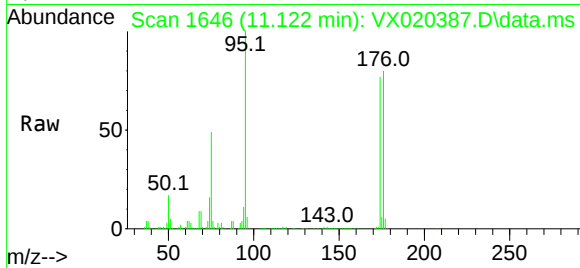




#76
1,2,3-Trichloropropane
Concen: 22.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 80991
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.90 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020387.D
Acq: 24 Dec 2020 14:59

Tgt Ion: 75 Resp: 80991
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

