

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020251.D
 Acq On : 21 Dec 2020 15:39
 Operator : JC/MD
 Sample : L5145-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:34:00 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)

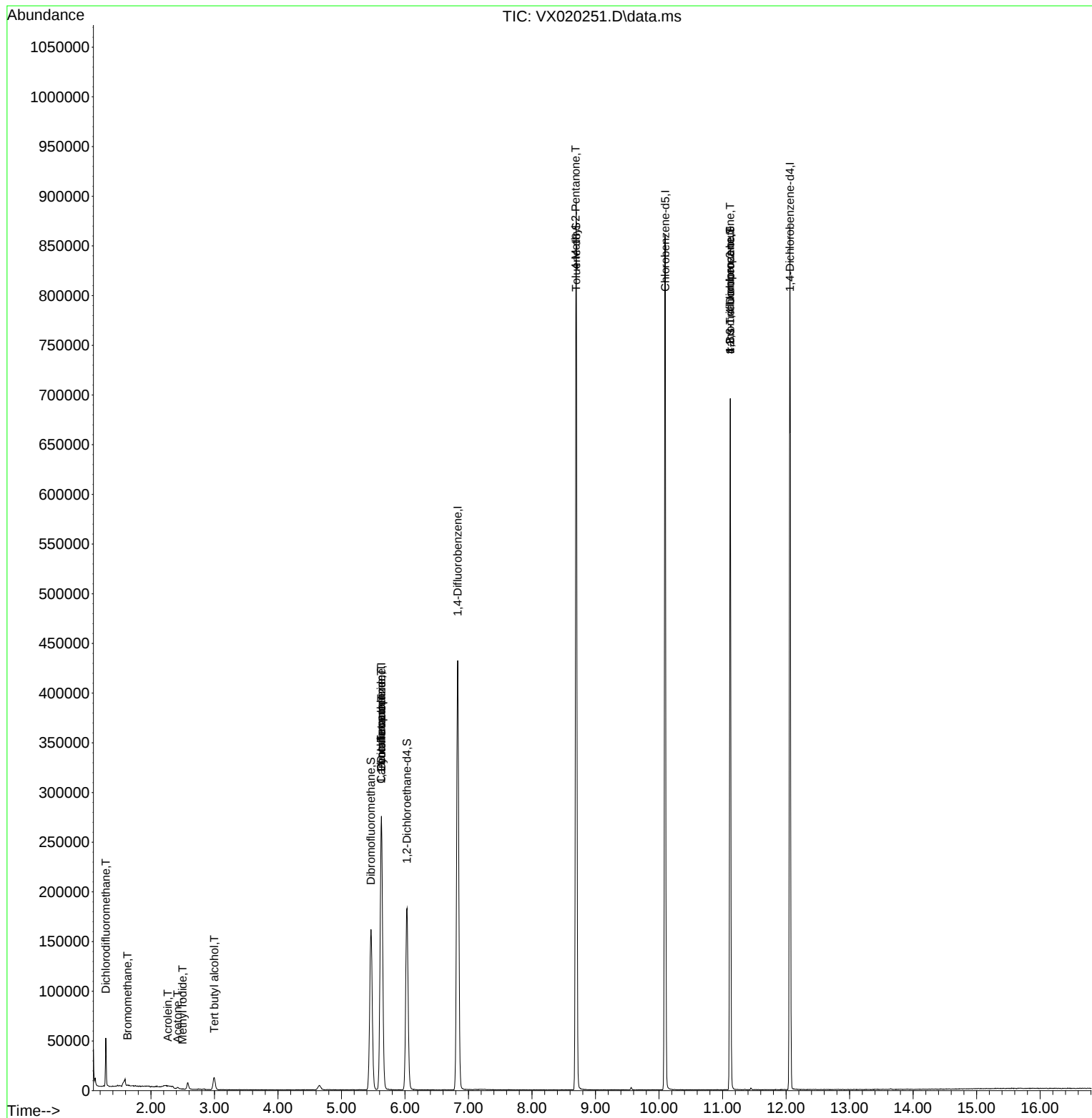
Internal Standards						
1) Pentafluorobenzene	5.629	168	259557	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	438199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	409987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	175502	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	176001	50.59	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	=	101.18%	
35) Dibromofluoromethane	5.464	113	140570	50.15	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	=	100.30%	
50) Toluene-d8	8.695	98	530246	49.14	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.122	95	186474	45.15	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	=	90.30%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.288	85	3444	1.22	ug/l	98
5) Bromomethane	1.630	94	640	0.56	ug/l	93
10) Methyl Iodide	2.495	142	133	3.32	ug/l #	42
11) Tert butyl alcohol	2.995	59	8702	11.17	ug/l #	81
13) Acrolein	2.264	56	131	0.27	ug/l	84
16) Acetone	2.416	43	1907	1.20	ug/l	97
31) Cyclohexane	5.629	56	5173	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20317	4.69	ug/l #	49
38) Carbon Tetrachloride	5.623	117	26374	6.40	ug/l #	17
51) 4-Methyl-2-Pentanone	8.689	43	2220	0.50	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	90984	21.05	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	90984	62.44	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampled :

Quant Time: Dec 22 01:34:00 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

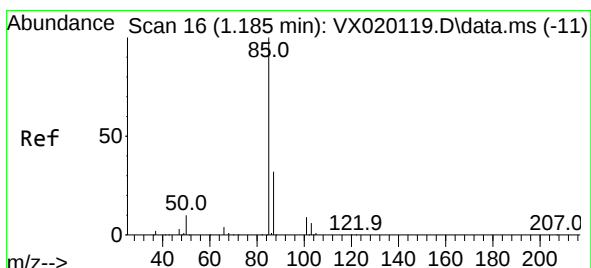
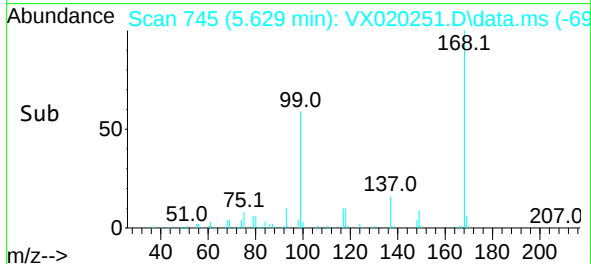
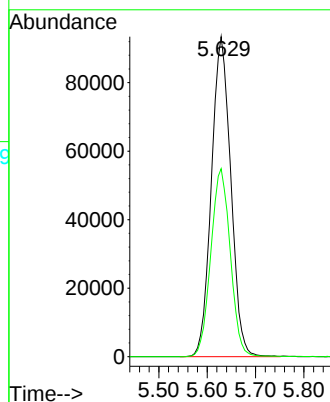
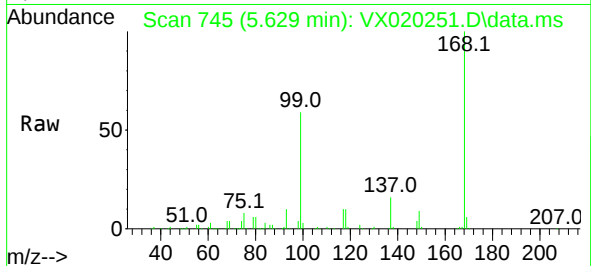




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

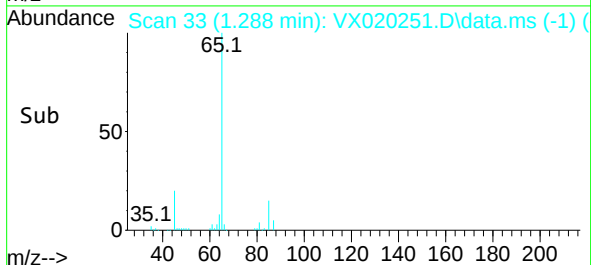
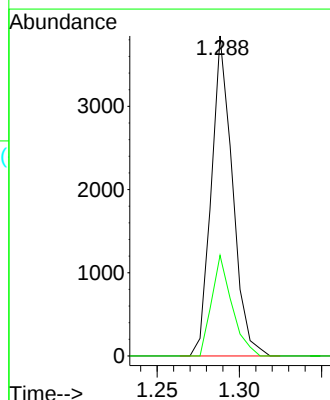
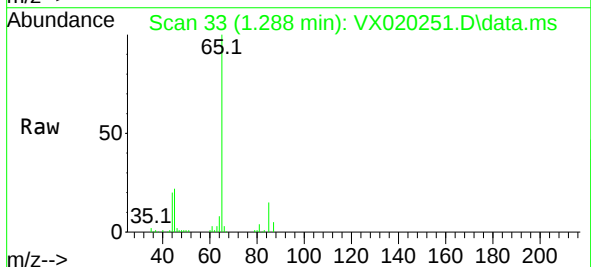
Instrument :
MSVOA_X
ClientSampleId :

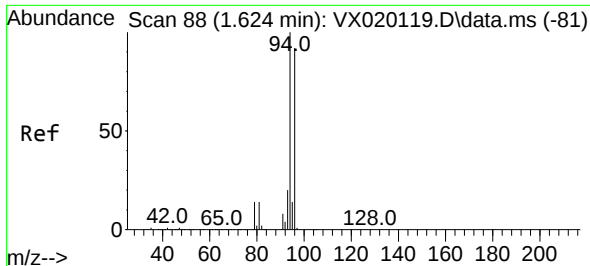
Tgt Ion:168 Resp: 259557
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#2
Dichlorodifluoromethane
Concen: 1.22 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.103 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Tgt Ion: 85 Resp: 3444
Ion Ratio Lower Upper
85 100
87 31.4 16.4 49.2

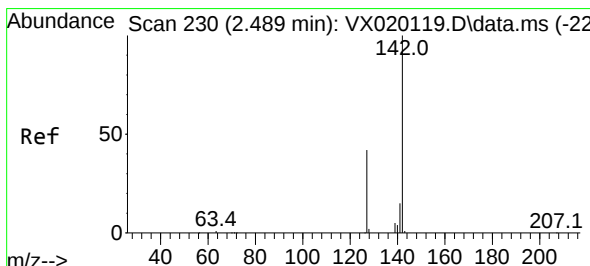
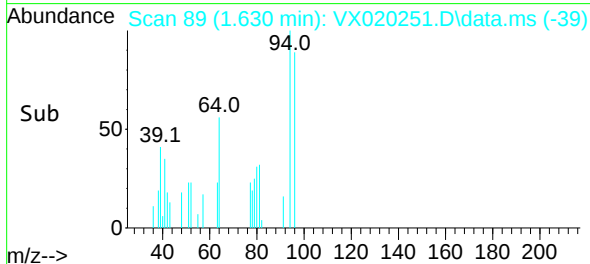
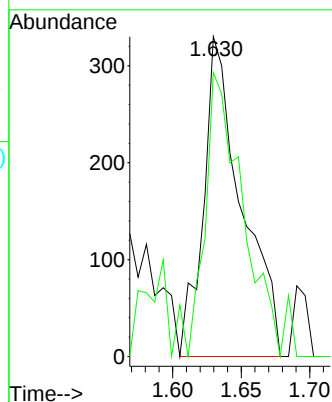
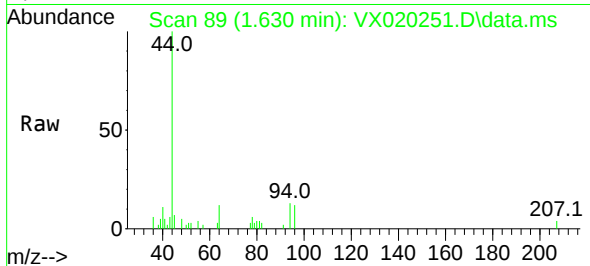




#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

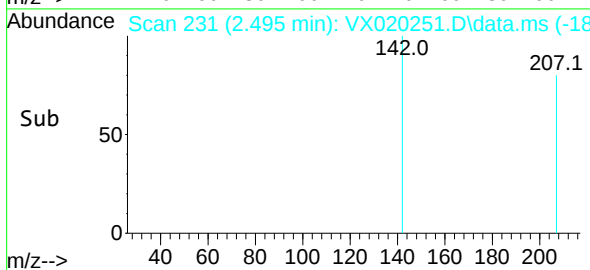
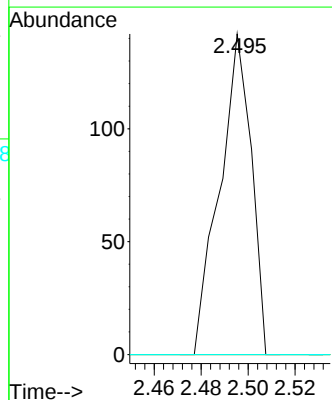
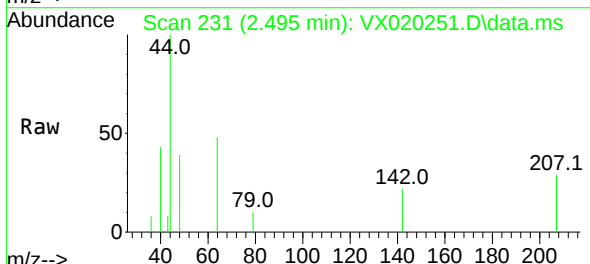
Instrument :
MSVOA_X
ClientSampleId :

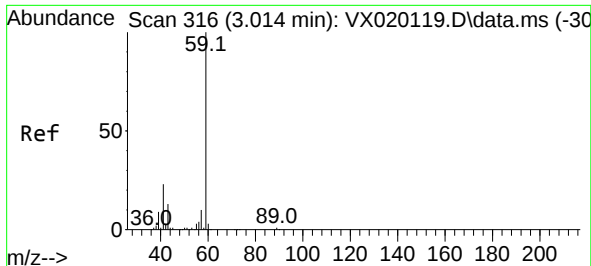
Tgt Ion: 94 Resp: 640
Ion Ratio Lower Upper
94 100
96 88.8 76.4 114.6



#10
Methyl Iodide
Concen: 3.32 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

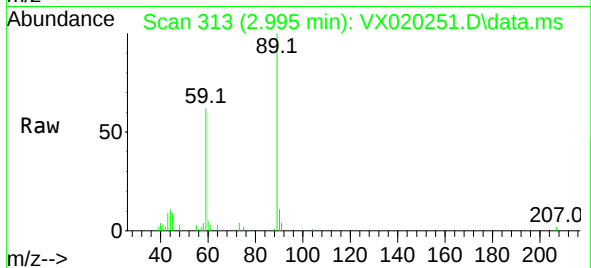
Tgt Ion:142 Resp: 133
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



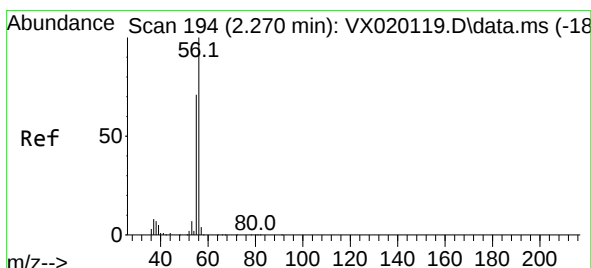
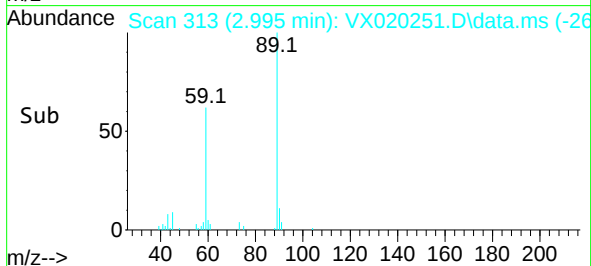
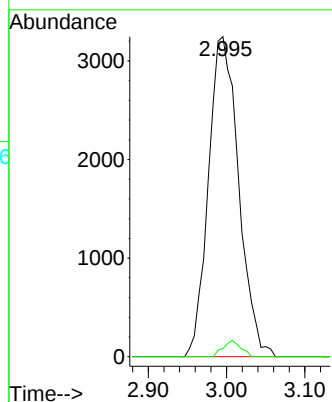


#11
Tert butyl alcohol
Concen: 11.17 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Instrument :
MSVOA_X
ClientSampleId :

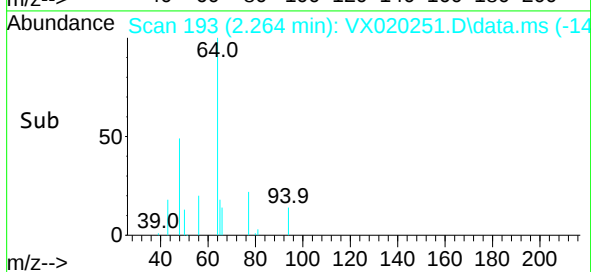
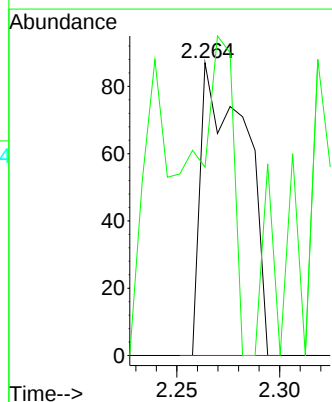
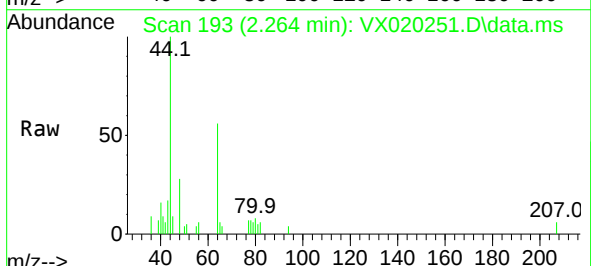


Tgt Ion: 59 Resp: 8702
Ion Ratio Lower Upper
59 100
57 3.0 7.8 11.8#



#13
Acrolein
Concen: 0.27 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

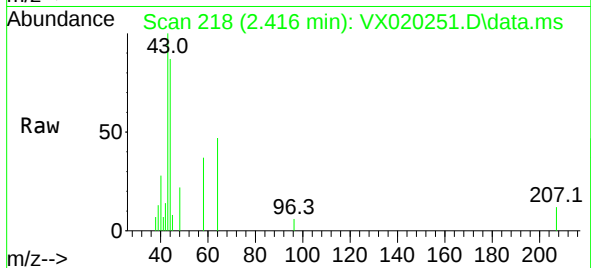
Tgt Ion: 56 Resp: 131
Ion Ratio Lower Upper
56 100
55 84.0 56.4 84.6



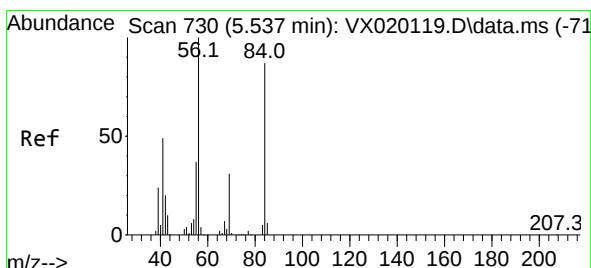
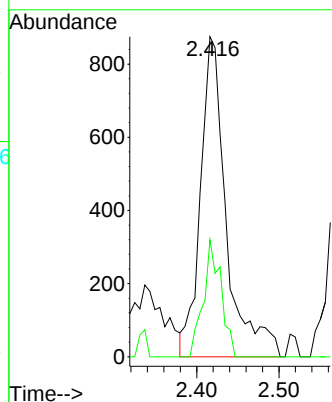
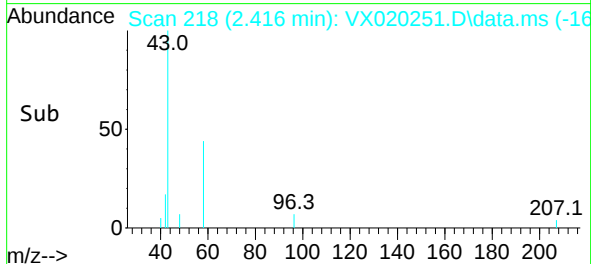


#16
Acetone
Concen: 1.20 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

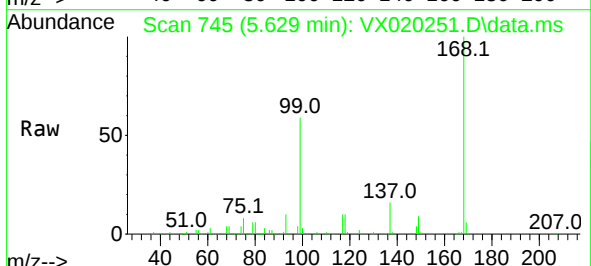
Instrument :
MSVOA_X
ClientSampled :



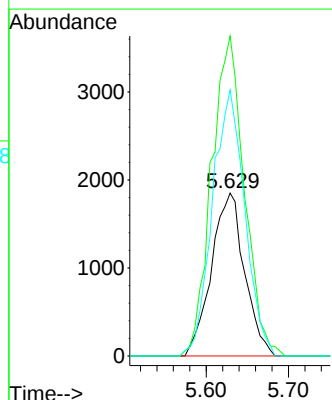
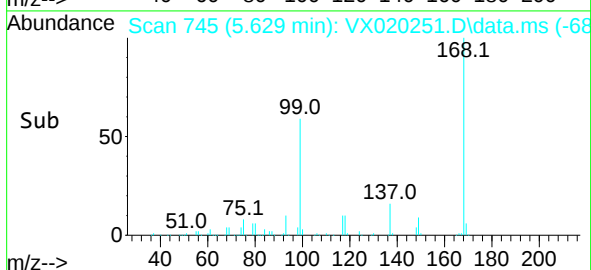
Tgt Ion: 43 Resp: 1907
Ion Ratio Lower Upper
43 100
58 36.6 27.8 41.8

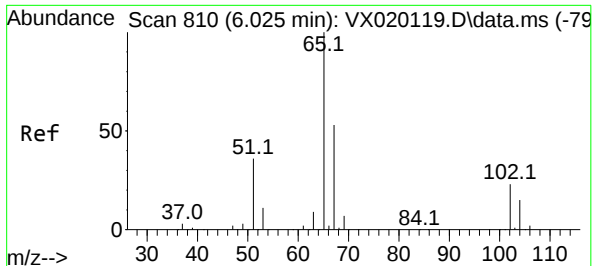


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39



Tgt Ion: 56 Resp: 5173
Ion Ratio Lower Upper
56 100
69 196.4 25.3 37.9#
84 163.3 71.4 107.0#

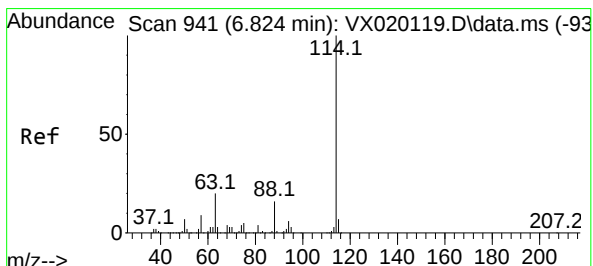
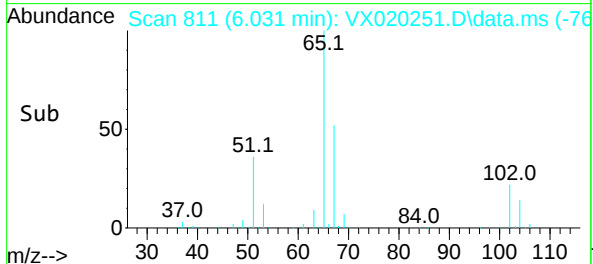
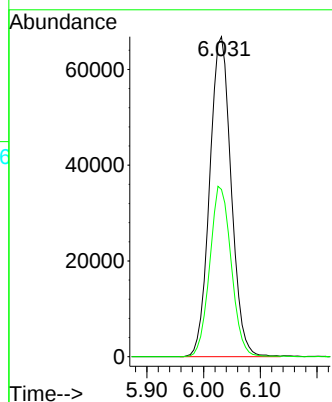
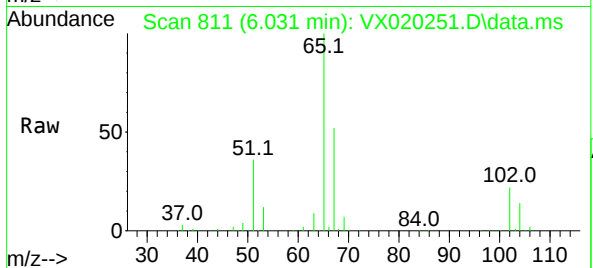




#33
1,2-Dichloroethane-d4
Concen: 50.59 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

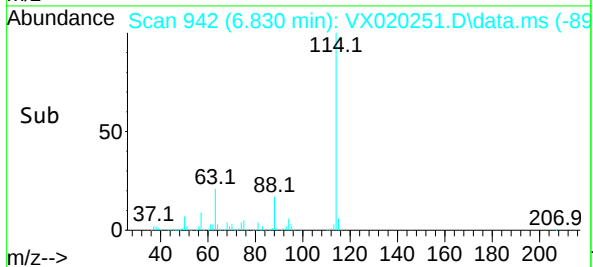
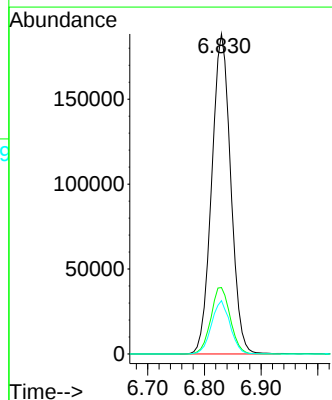
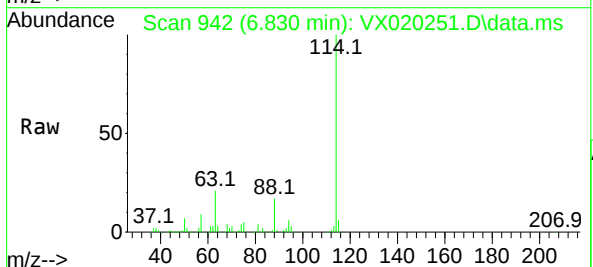
Instrument :
MSVOA_X
ClientSampled :

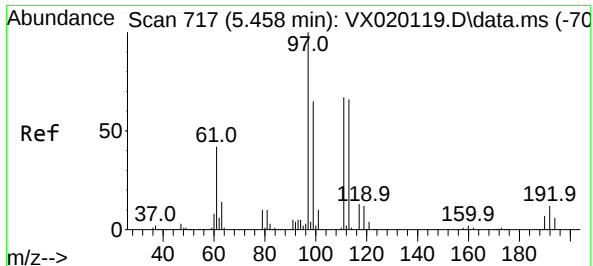
Tgt Ion: 65 Resp: 176001
Ion Ratio Lower Upper
65 100
67 53.3 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Tgt Ion: 114 Resp: 438199
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.7 0.0 32.8

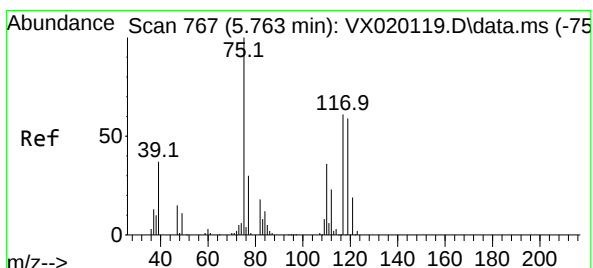
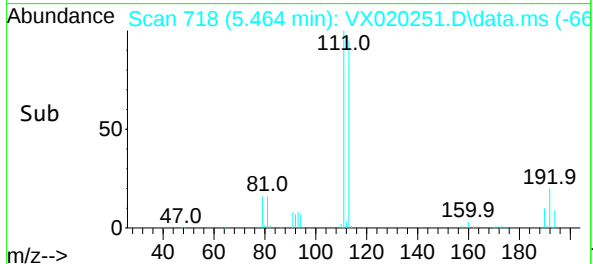
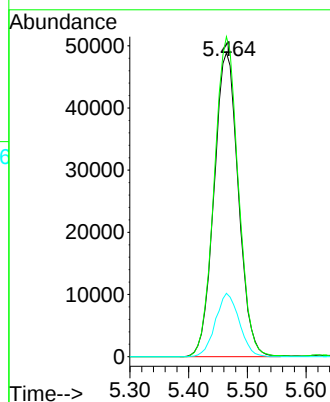
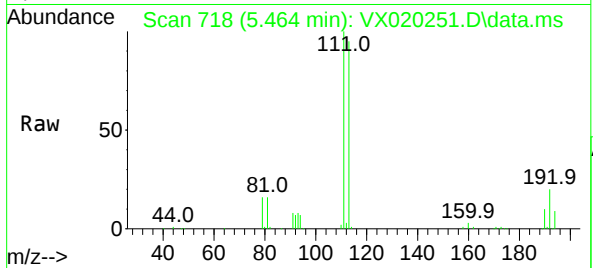




#35
Dibromofluoromethane
Concen: 50.15 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

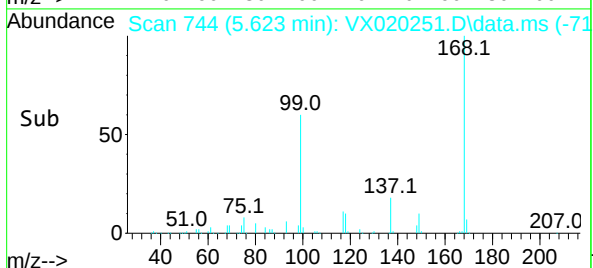
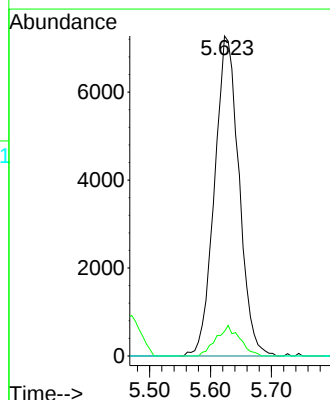
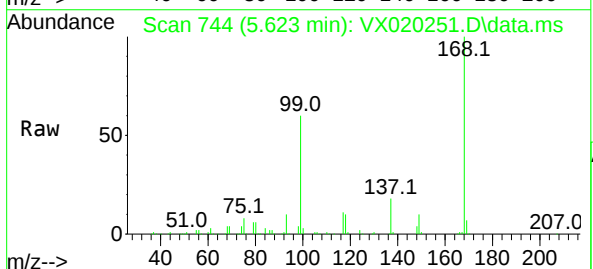
Instrument :
MSVOA_X
ClientSampleId :

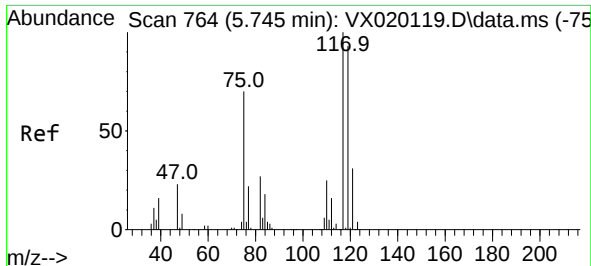
Tgt Ion:113 Resp: 140570
Ion Ratio Lower Upper
113 100
111 104.3 81.9 122.9
192 20.4 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

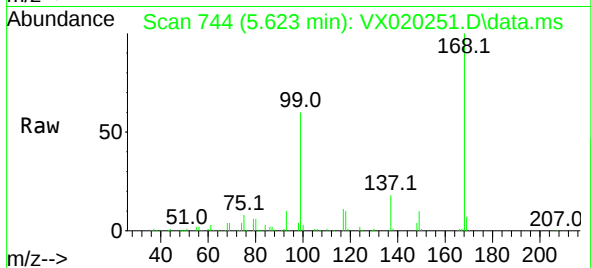
Tgt Ion: 75 Resp: 20317
Ion Ratio Lower Upper
75 100
110 9.2 18.1 54.4#
77 0.0 25.3 37.9#



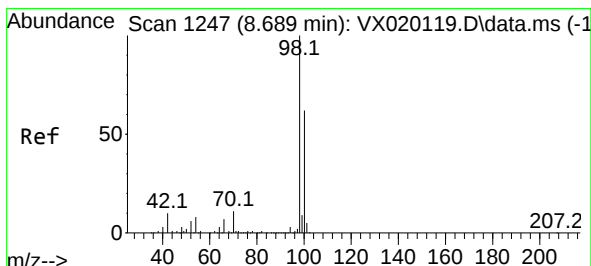
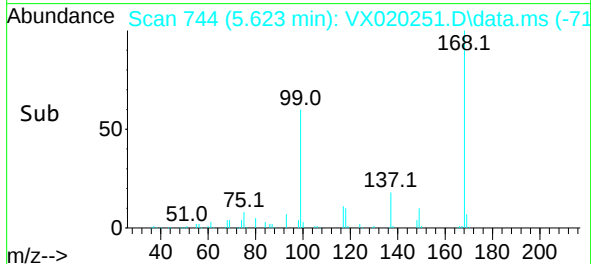
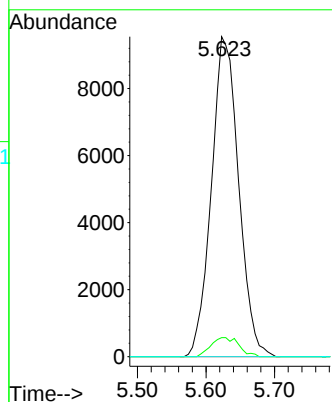


#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Instrument :
MSVOA_X
ClientSampled :

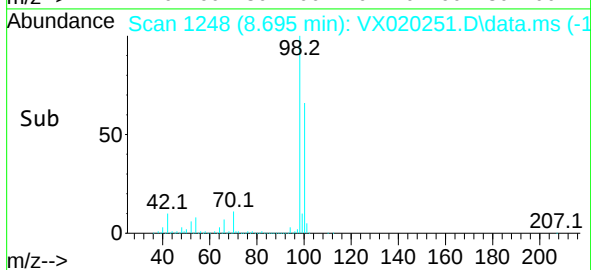
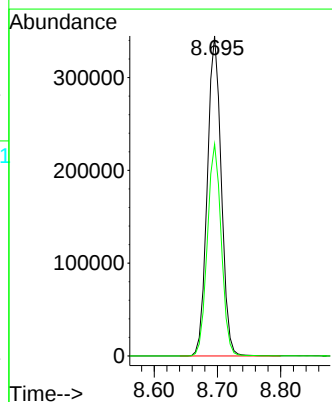
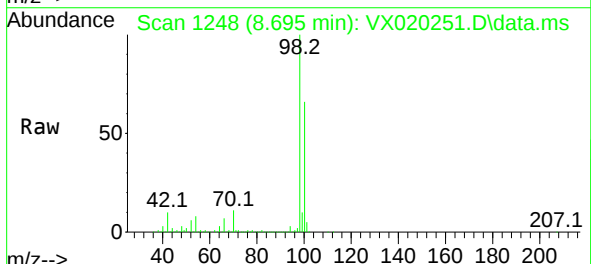


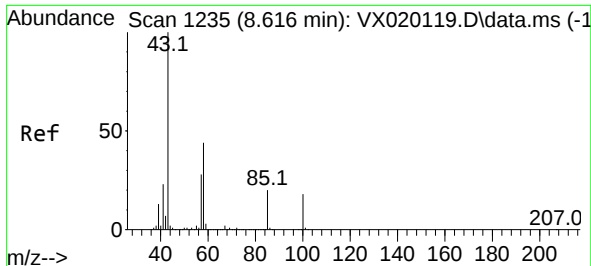
Tgt Ion:117 Resp: 26374
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.14 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Tgt Ion: 98 Resp: 530246
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9

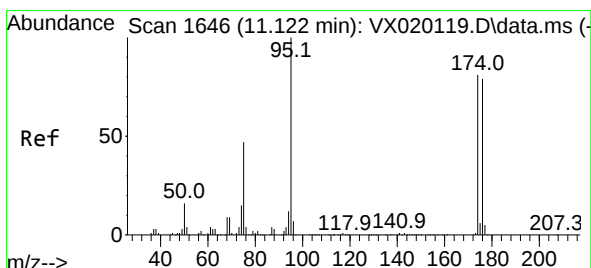
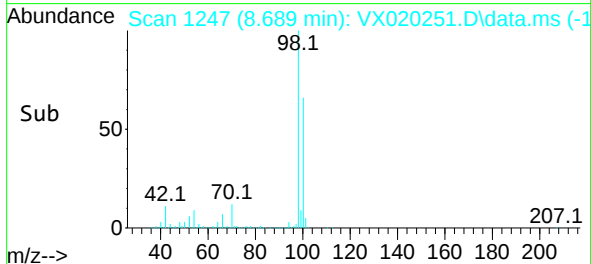
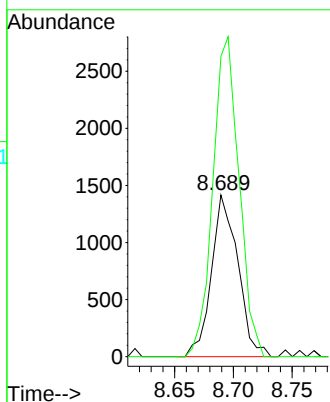
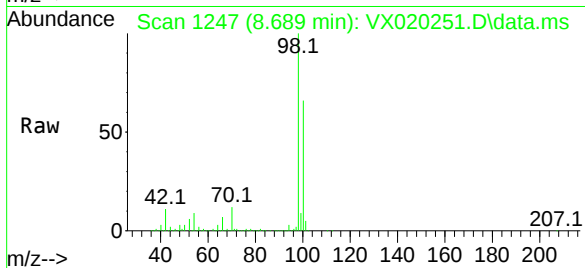




#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.073 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

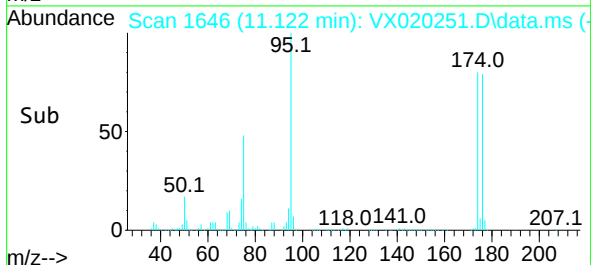
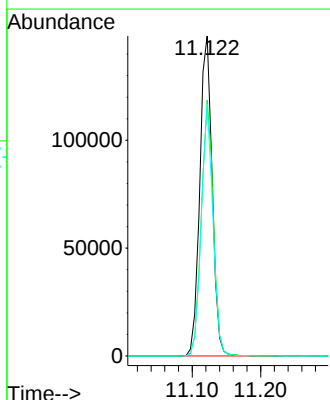
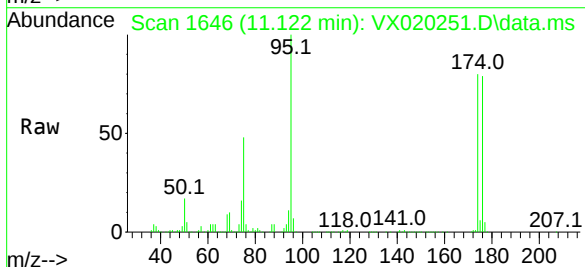
Instrument :
MSVOA_X
ClientSampled :

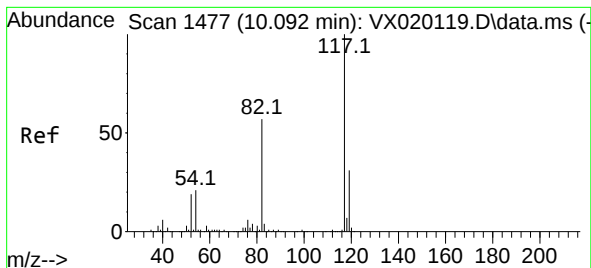
Tgt Ion: 43 Resp: 2220
Ion Ratio Lower Upper
43 100
58 195.8 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.15 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Tgt Ion: 95 Resp: 186474
Ion Ratio Lower Upper
95 100
174 77.9 0.0 154.6
176 74.3 0.0 155.8

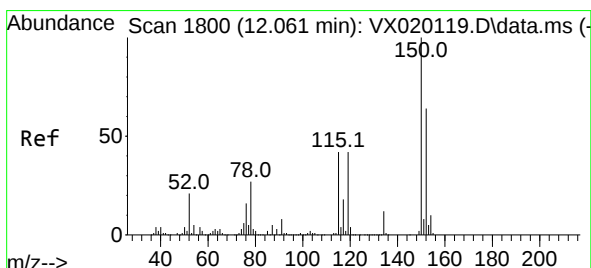
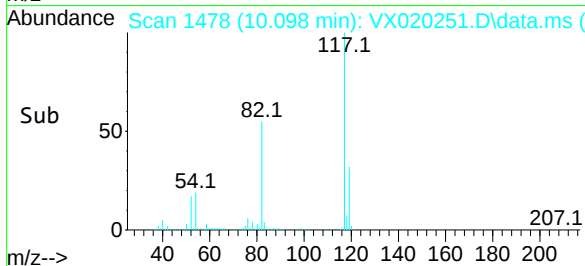
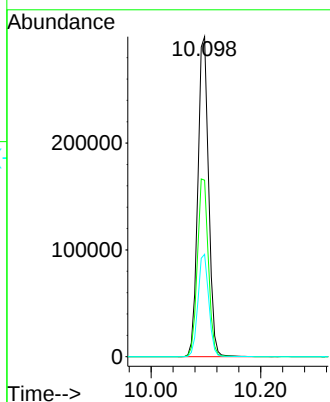
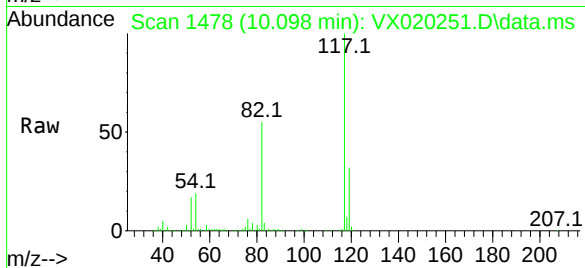




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

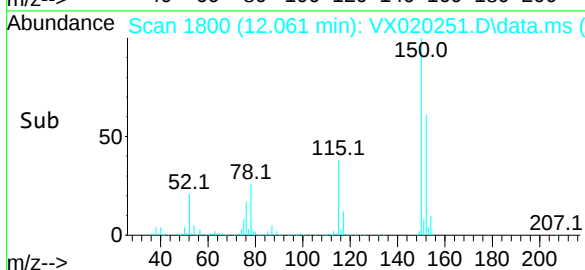
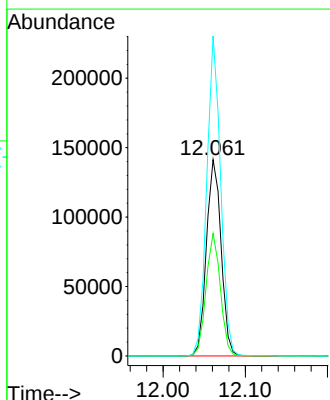
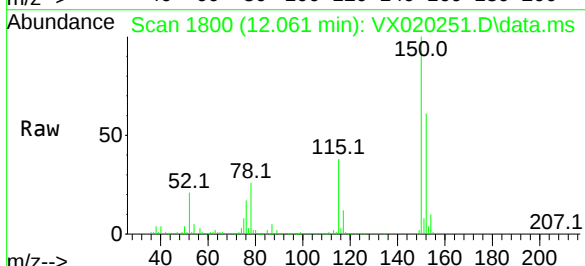
Instrument :
MSVOA_X
ClientSampleId :

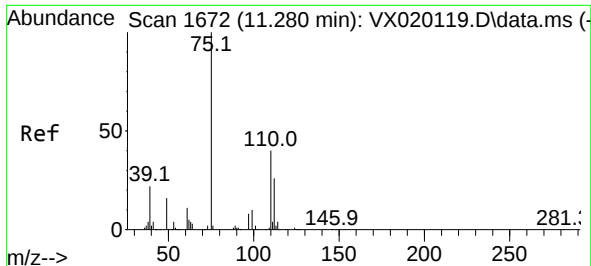
Tgt Ion:117 Resp: 409987
Ion Ratio Lower Upper
117 100
82 55.1 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Tgt Ion:152 Resp: 175502
Ion Ratio Lower Upper
152 100
115 60.8 41.1 123.3
150 153.8 0.0 349.0

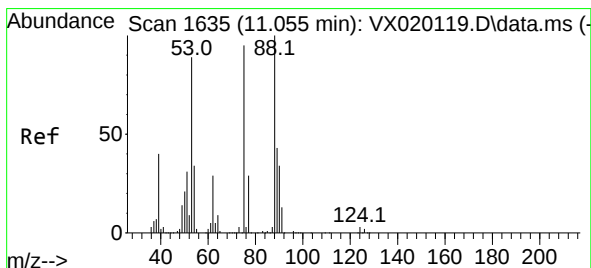
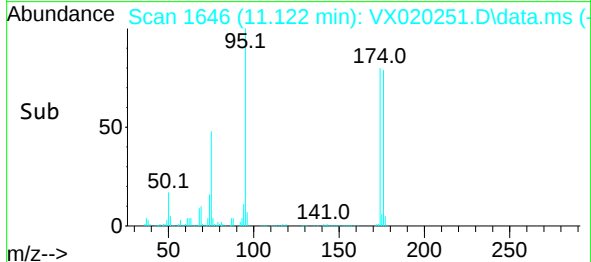
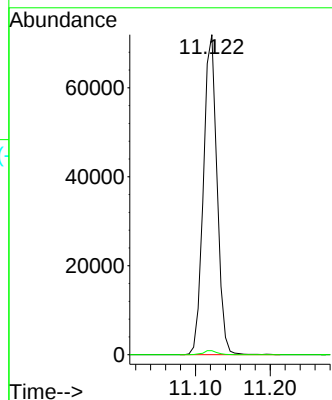
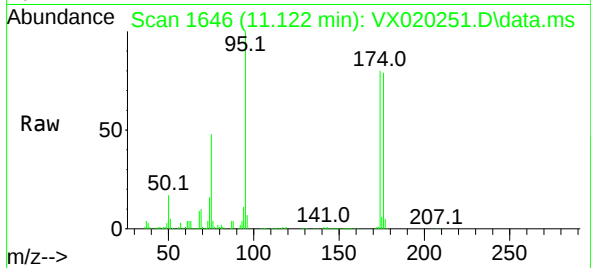




#76
1,2,3-Trichloropropane
Concen: 21.05 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 90984
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.44 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020251.D
Acq: 21 Dec 2020 15:39

Tgt Ion: 75 Resp: 90984
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

