

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
 Data File : VX020408.D
 Acq On : 28 Dec 2020 13:12
 Operator : JC/MD
 Sample : L5216-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 29 00:38:57 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)

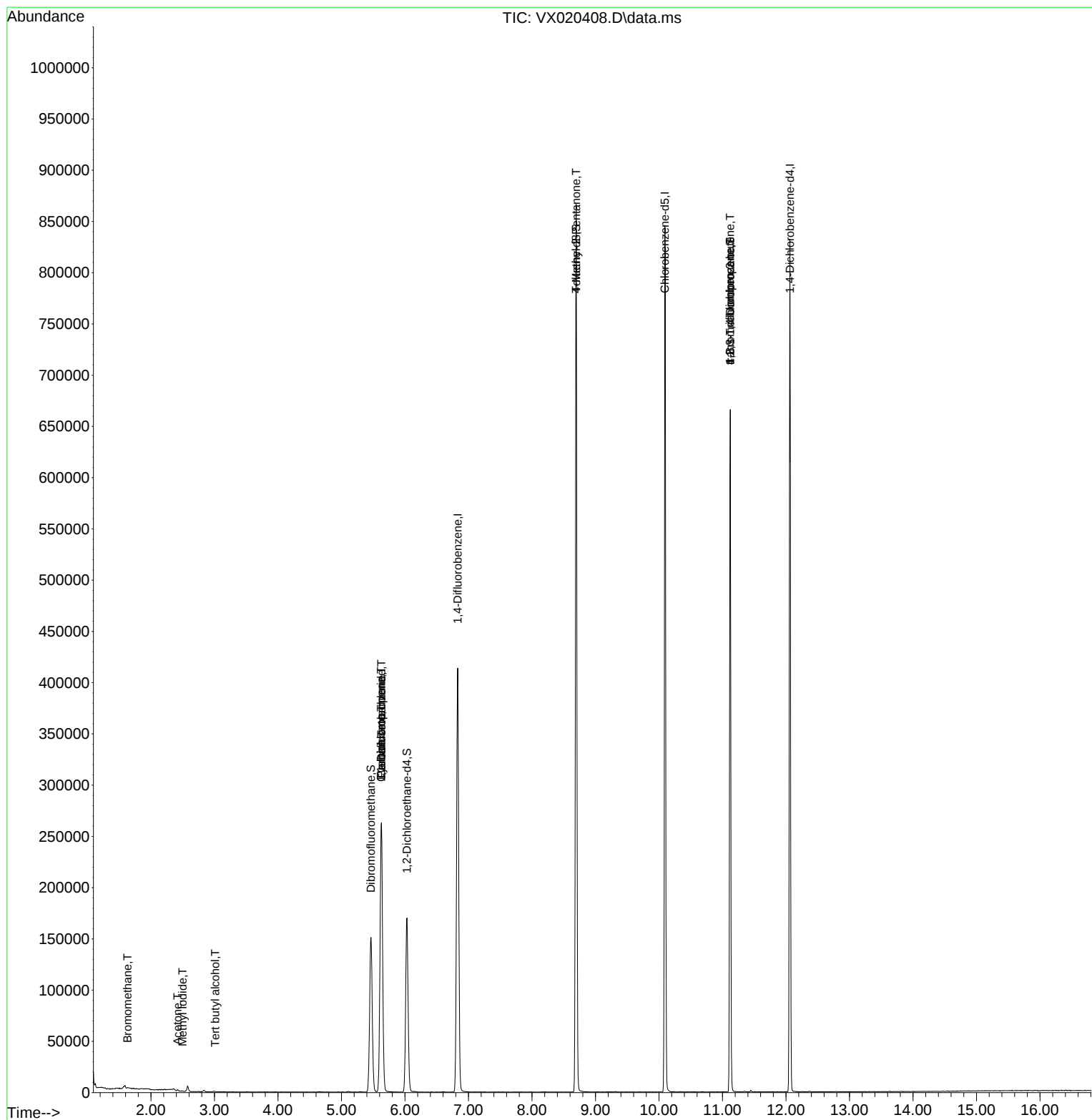
Internal Standards						
1) Pentafluorobenzene	5.629	168	256822	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	423712	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	396677	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174029	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.032	65	160867	46.73	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.46%
35) Dibromofluoromethane	5.465	113	133067	49.09	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.18%
50) Toluene-d8	8.696	98	512147	49.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.18%
62) 4-Bromofluorobenzene	11.122	95	184934	46.31	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.62%
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	558	0.49	ug/l	94
10) Methyl Iodide	2.496	142	523	3.43	ug/l #	89
11) Tert butyl alcohol	3.014	59	515	0.67	ug/l #	73
16) Acetone	2.416	43	1363	0.87	ug/l	93
31) Cyclohexane	5.623	56	4599	0.97	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19339	4.62	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24851	6.24	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	1903	0.45	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	87150	20.33	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	87150	60.31	ug/l #	12

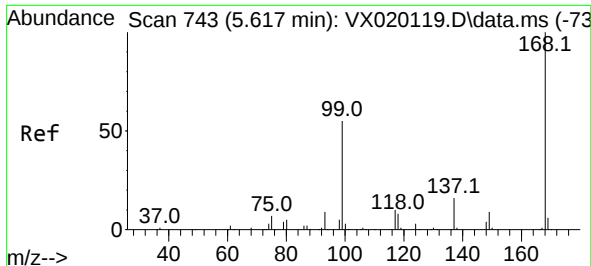
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122820\
Data File : VX020408.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 29 00:38:57 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

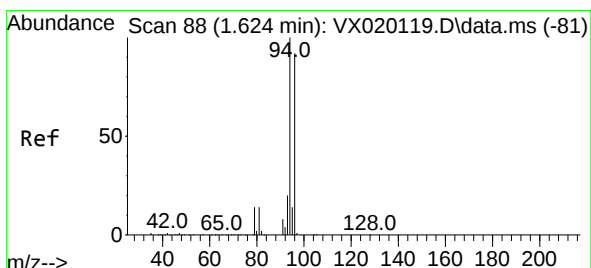
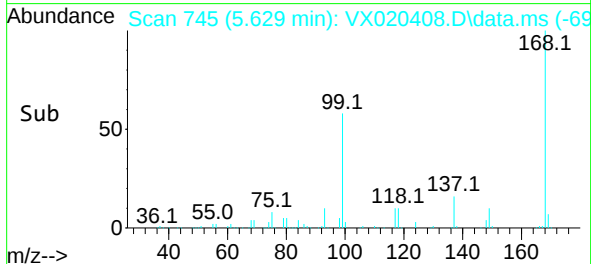
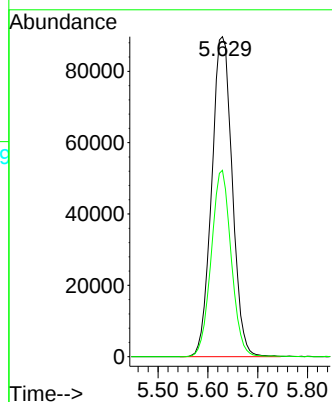
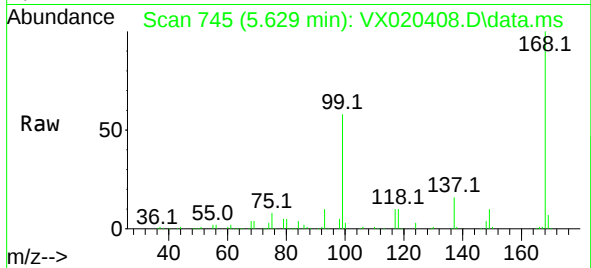




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

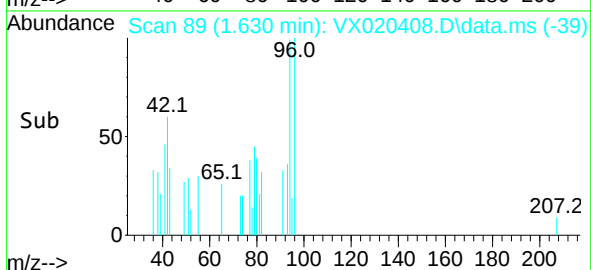
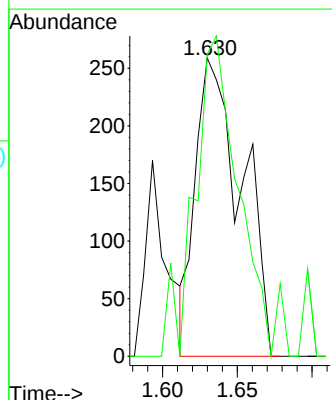
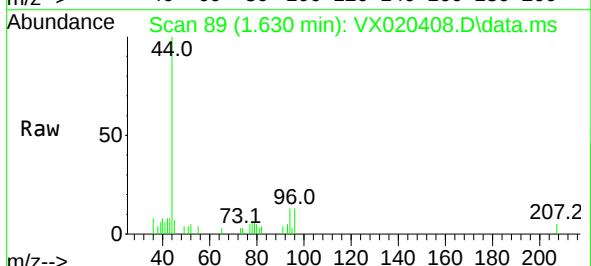
Instrument :
MSVOA_X
ClientSampled :

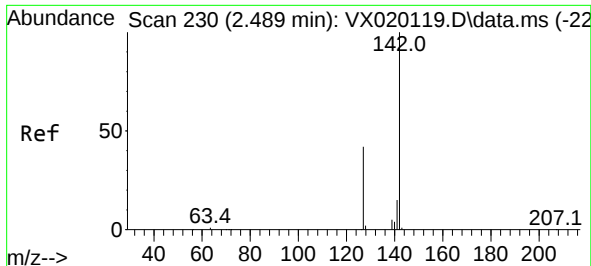
Tgt Ion:168 Resp: 256822
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.49 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

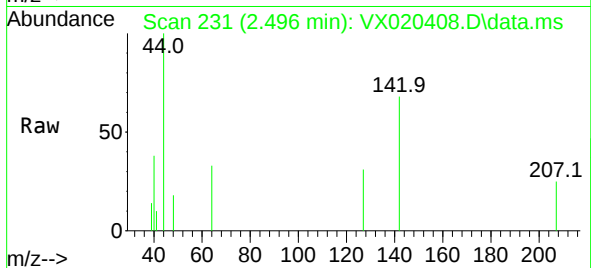
Tgt Ion: 94 Resp: 558
Ion Ratio Lower Upper
94 100
96 101.2 76.4 114.6



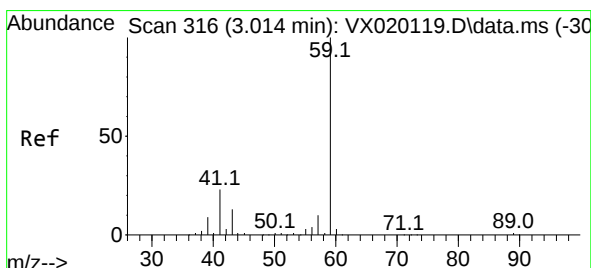
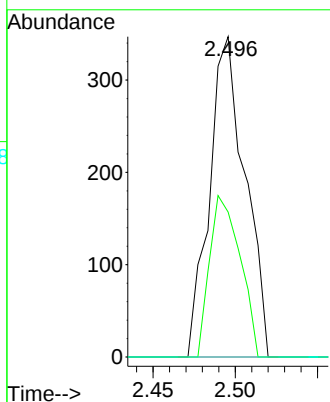
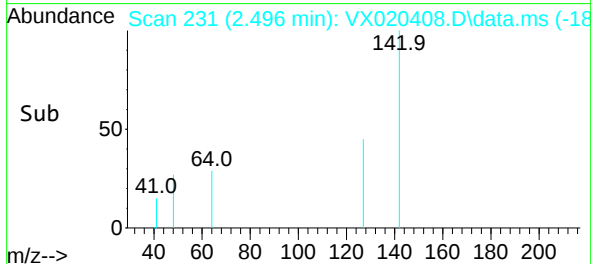


#10
Methyl Iodide
Concen: 3.43 ug/l
RT: 2.496 min Scan# 231
Delta R.T. 0.007 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

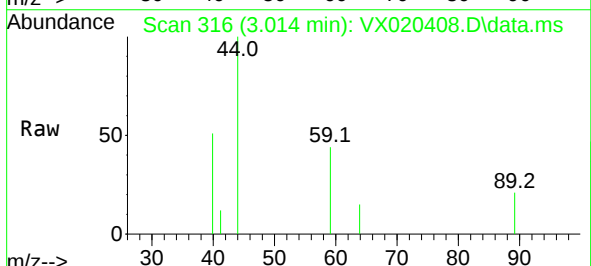
Instrument :
MSVOA_X
ClientSampled :



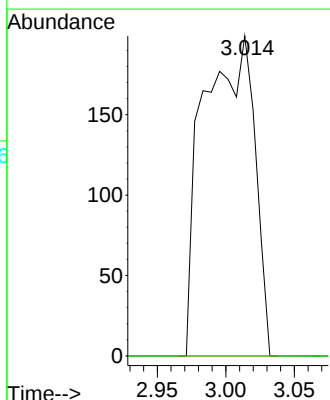
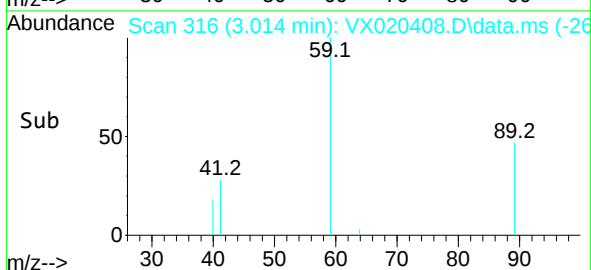
Tgt Ion:142 Resp: 523
Ion Ratio Lower Upper
142 100
127 43.0 33.3 49.9
141 0.0 11.4 17.0#

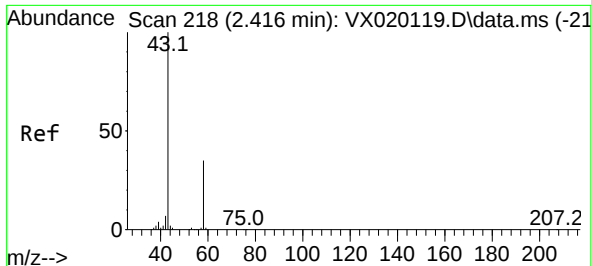


#11
Tert butyl alcohol
Concen: 0.67 ug/l
RT: 3.014 min Scan# 316
Delta R.T. -0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12



Tgt Ion: 59 Resp: 515
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

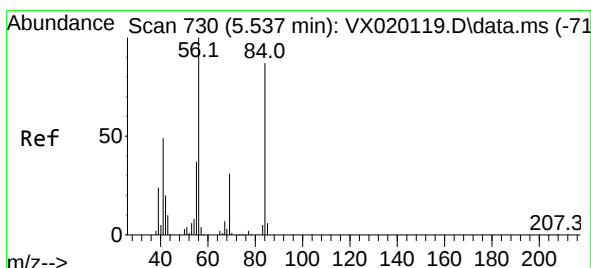
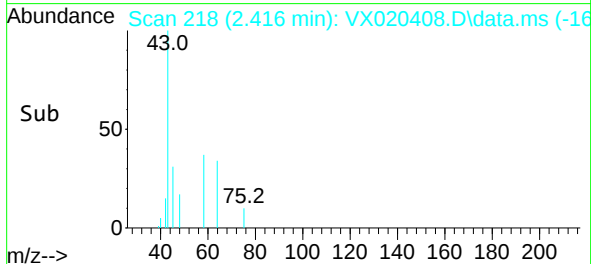
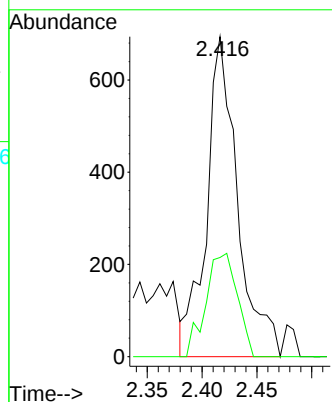
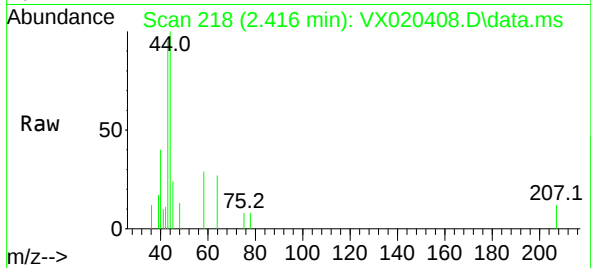




#16
Acetone
Concen: 0.87 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

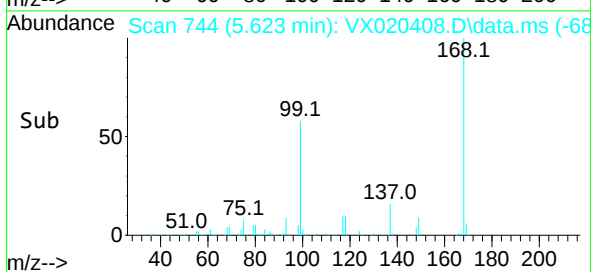
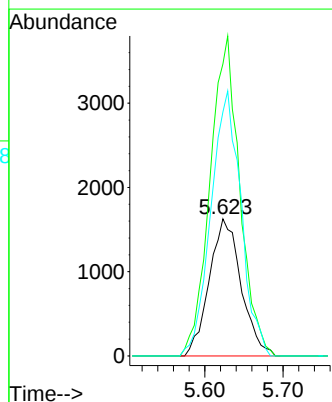
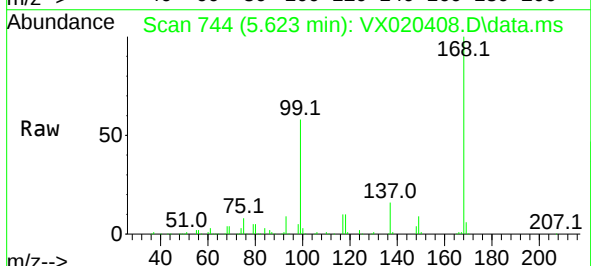
Instrument :
MSVOA_X
ClientSampled :

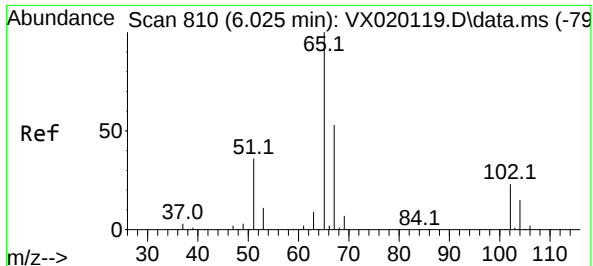
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 31.0 27.8 41.8



#31
Cyclohexane
Concen: 0.97 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Tgt Ion: 56 Resp: 4599
Ion Ratio Lower Upper
56 100
69 212.9 25.3 37.9#
84 177.9 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 46.73 ug/l

RT: 6.032 min Scan# 811

Delta R.T. 0.007 min

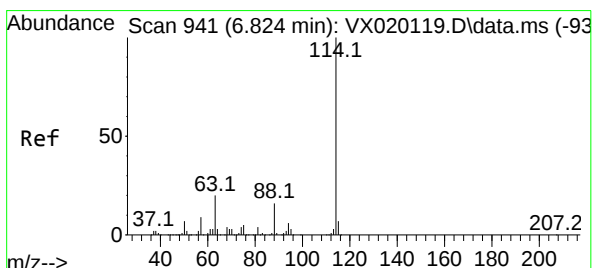
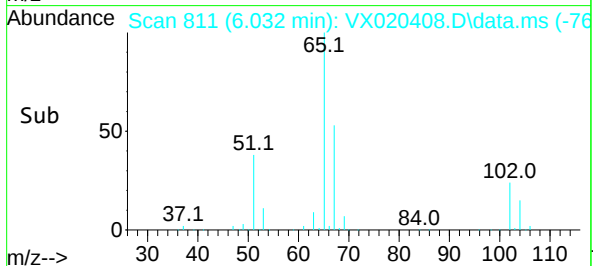
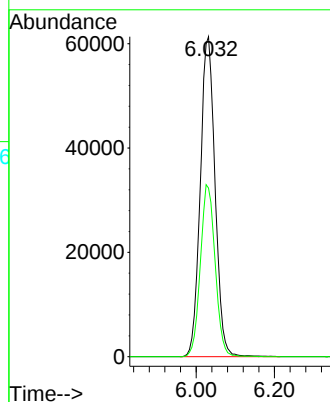
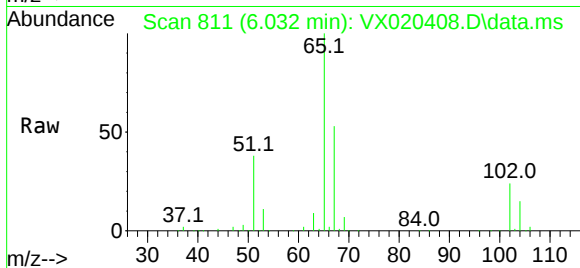
Lab File: VX020408.D

Acq: 28 Dec 2020 13:12

Tgt Ion: 65 Resp: 160867

Ion Ratio Lower Upper

65	100		
67	53.8	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

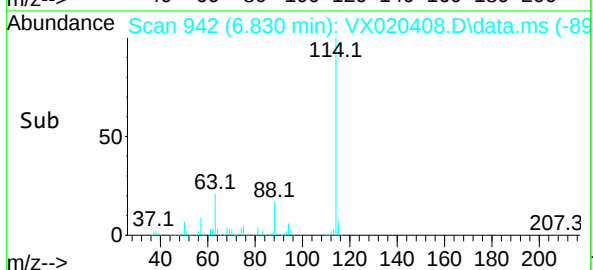
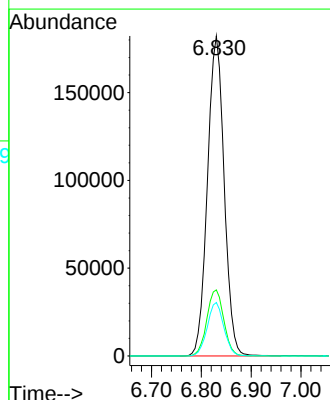
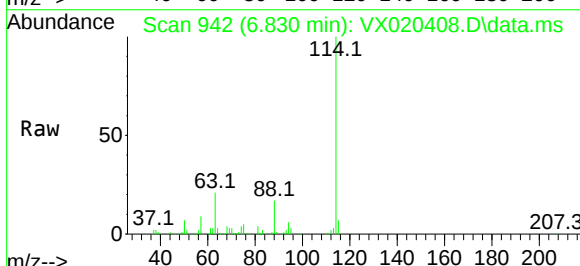
Lab File: VX020408.D

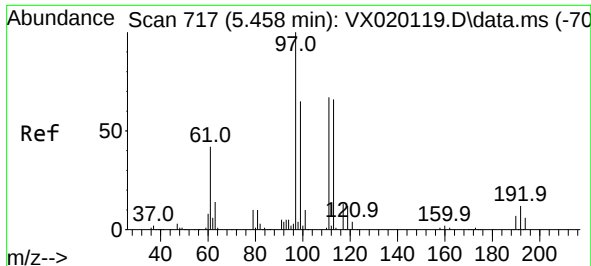
Acq: 28 Dec 2020 13:12

Tgt Ion: 114 Resp: 423712

Ion Ratio Lower Upper

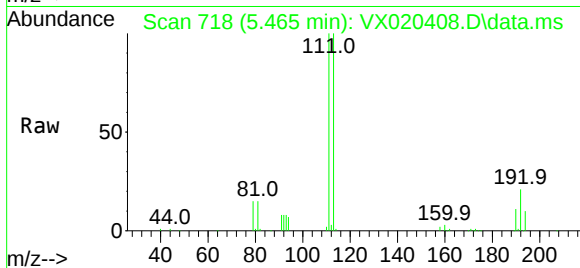
114	100		
63	20.7	0.0	40.8
88	16.7	0.0	32.8



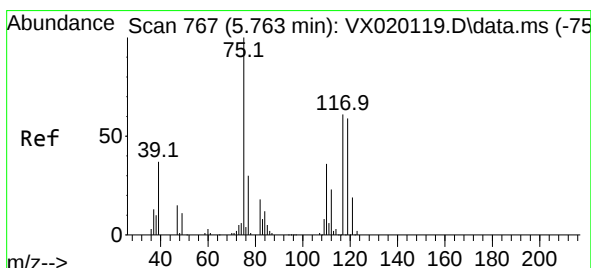
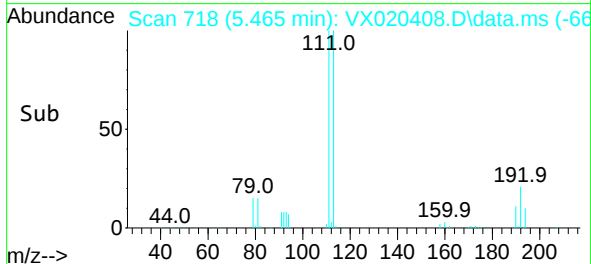
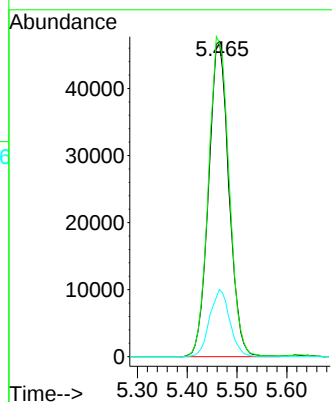


#35
Dibromofluoromethane
Concen: 49.09 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.007 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Instrument :
MSVOA_X
ClientSampled :

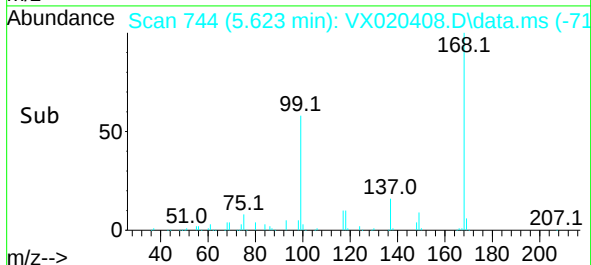
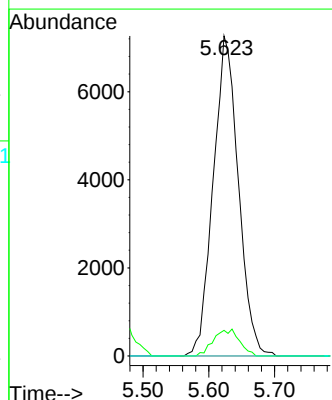
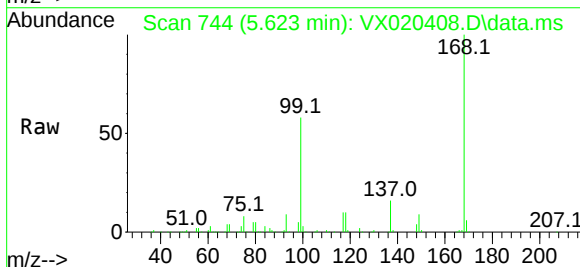


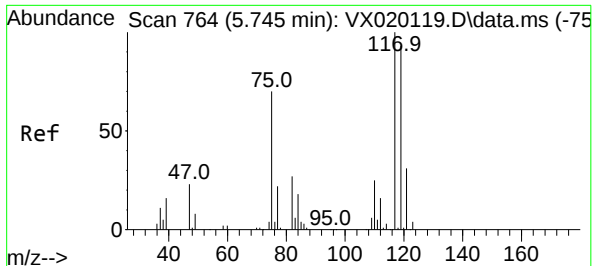
Tgt Ion:113 Resp: 133067
Ion Ratio Lower Upper
113 100
111 103.5 81.9 122.9
192 21.0 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

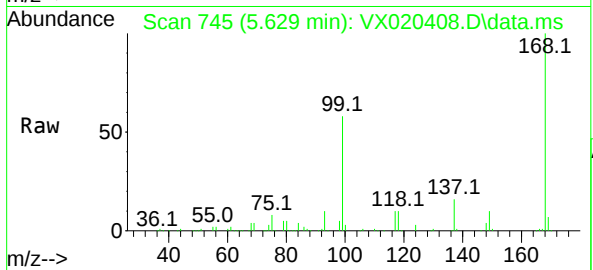
Tgt Ion: 75 Resp: 19339
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



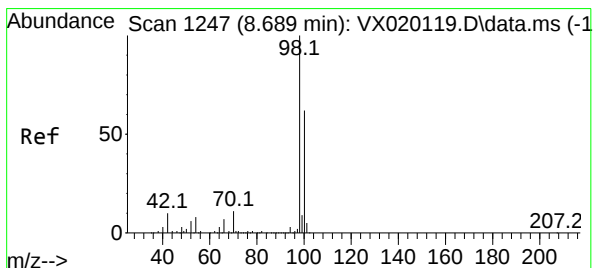
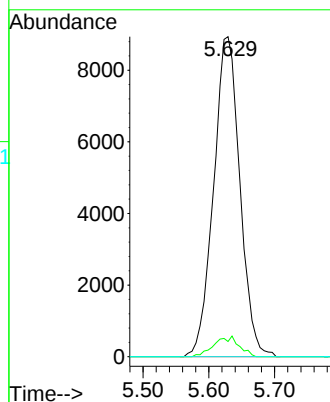
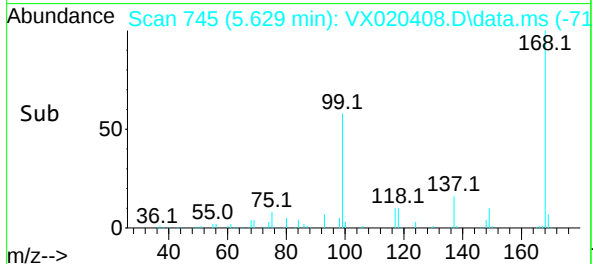


#38
Carbon Tetrachloride
Concen: 6.24 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

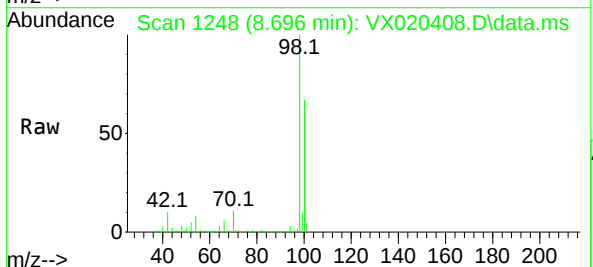
Instrument :
MSVOA_X
ClientSampled :



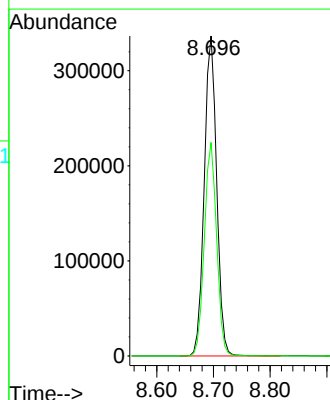
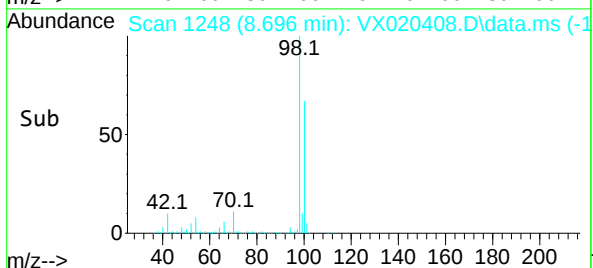
Tgt Ion:117 Resp: 24851
Ion Ratio Lower Upper
117 100
119 4.8 76.2 114.2#
121 0.0 24.8 37.2#

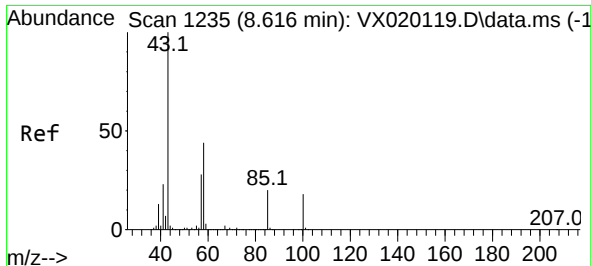


#50
Toluene-d8
Concen: 49.09 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12



Tgt Ion: 98 Resp: 512147
Ion Ratio Lower Upper
98 100
100 66.2 51.9 77.9

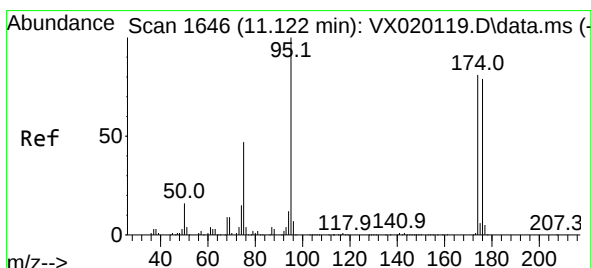
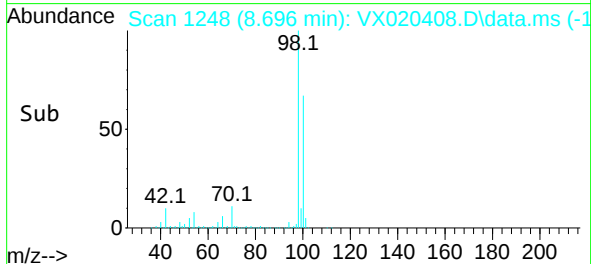
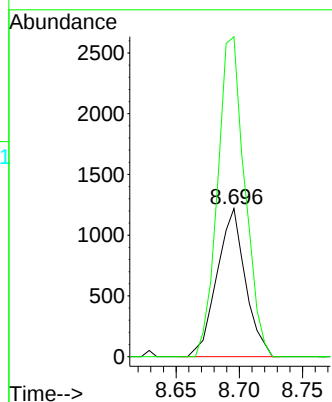
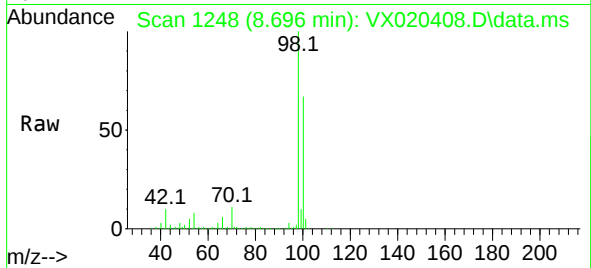




#51
4-Methyl-2-Pentanone
Concen: 0.45 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

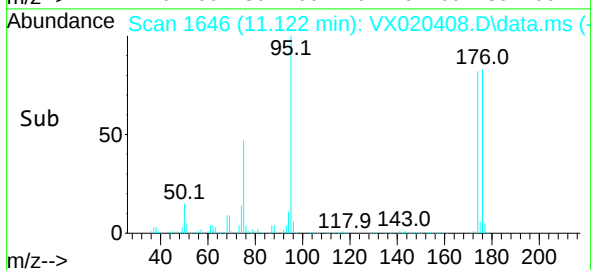
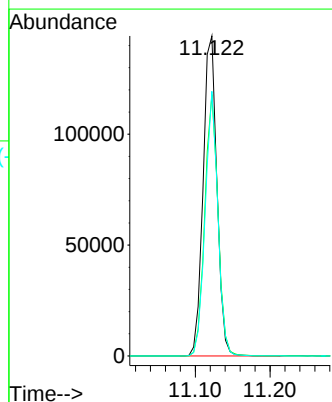
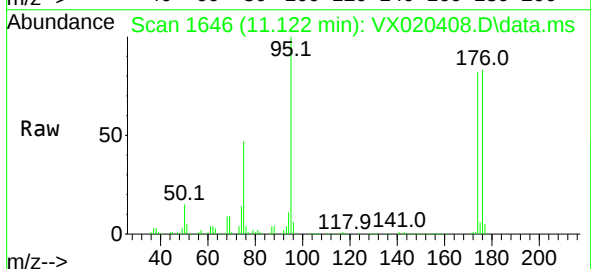
Instrument :
MSVOA_X
ClientSampled :

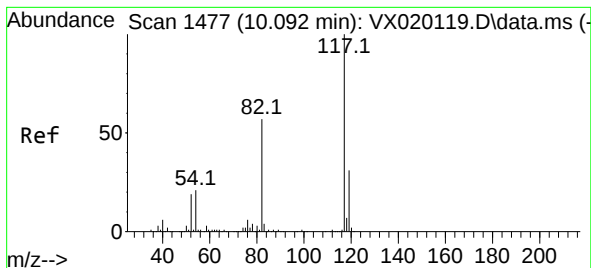
Tgt Ion: 43 Resp: 1903
Ion Ratio Lower Upper
43 100
58 206.9 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Tgt Ion: 95 Resp: 184934
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 76.2 0.0 155.8

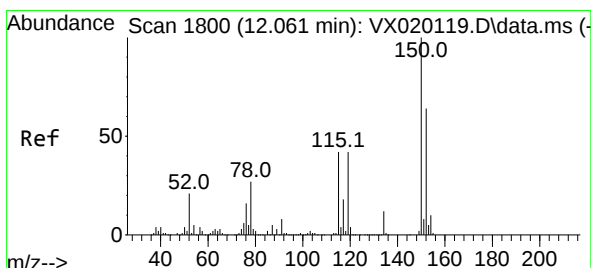
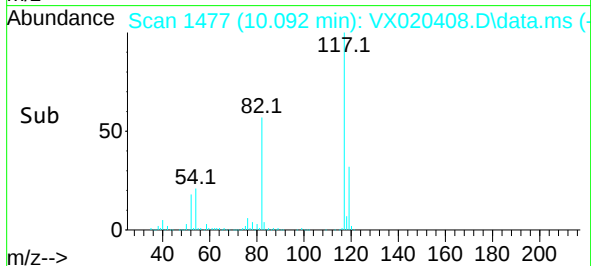
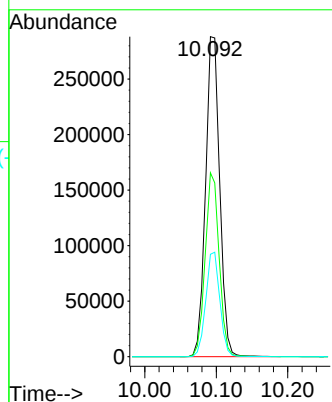
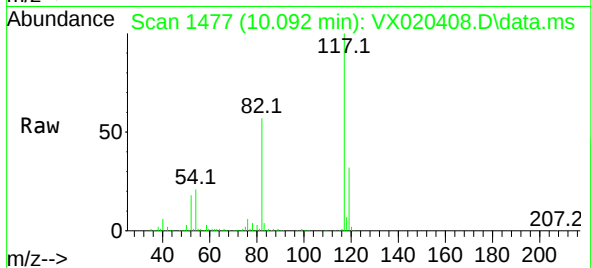




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

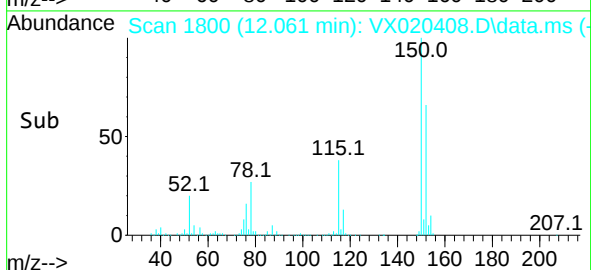
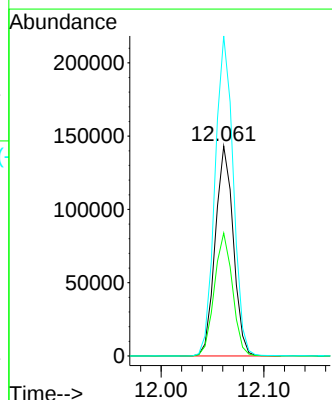
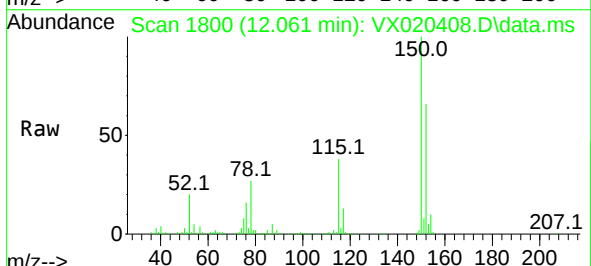
Instrument :
MSVOA_X
ClientSampled :

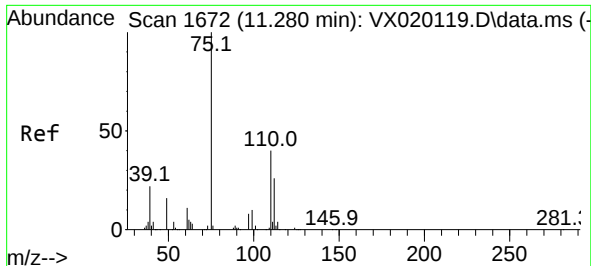
Tgt Ion:117 Resp: 396677
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Tgt Ion:152 Resp: 174029
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 154.6 0.0 349.0

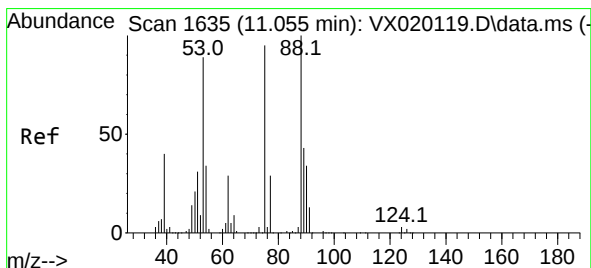
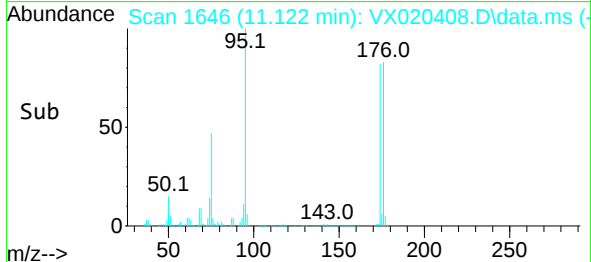
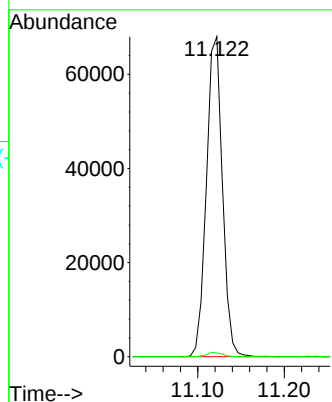
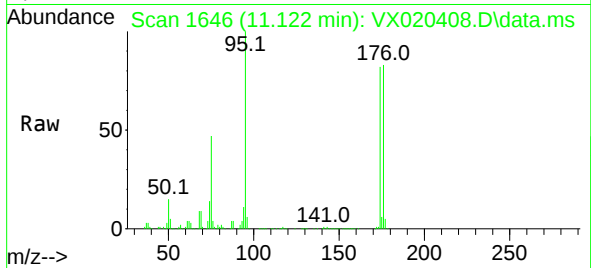




#76
1,2,3-Trichloropropane
Concen: 20.33 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 87150
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.31 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020408.D
Acq: 28 Dec 2020 13:12

Tgt Ion: 75 Resp: 87150
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

