

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020256.D
 Acq On : 21 Dec 2020 17:36
 Operator : JC/MD
 Sample : L5146-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:35:22 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)

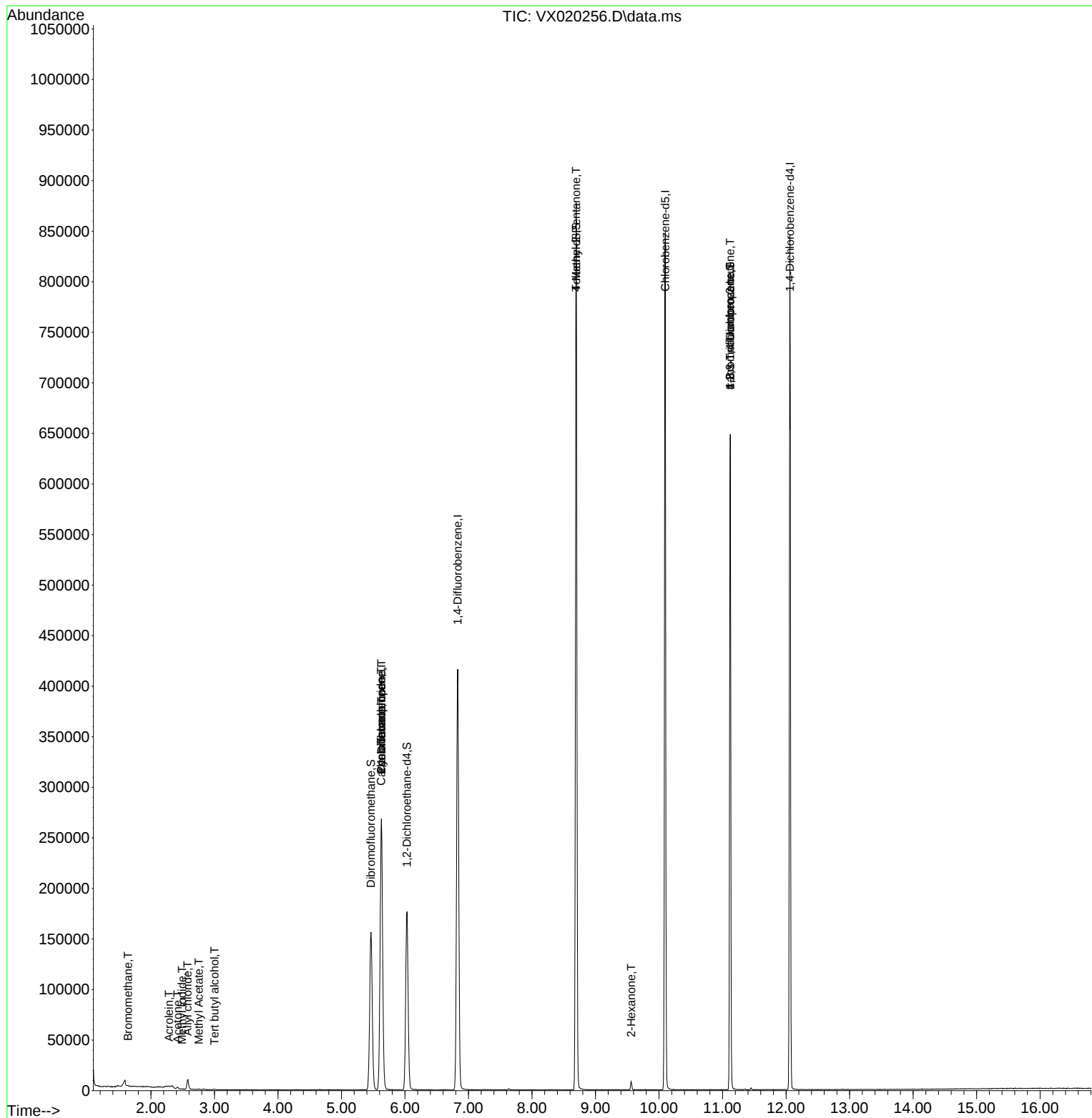
Internal Standards						
1) Pentafluorobenzene	5.629	168	251846	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	424517	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	394957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	168194	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	170269	50.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 100.88%	
35) Dibromofluoromethane	5.464	113	138297	50.93	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.86%	
50) Toluene-d8	8.696	98	519921	49.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.48%	
62) 4-Bromofluorobenzene	11.122	95	179031	44.75	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 89.50%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	424	0.38	ug/l	94
10) Methyl Iodide	2.489	142	50	3.30	ug/l #	42
11) Tert butyl alcohol	3.001	59	425	0.56	ug/l #	73
13) Acrolein	2.282	56	116	0.25	ug/l #	27
14) Allyl chloride	2.575	41	1220	0.27	ug/l #	65
16) Acetone	2.416	43	1925	1.25	ug/l	94
18) Methyl Acetate	2.752	43	767	0.22	ug/l #	58
31) Cyclohexane	5.629	56	4802	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	19914	4.75	ug/l #	48
38) Carbon Tetrachloride	5.623	117	25122	6.30	ug/l #	17
51) 4-Methyl-2-Pentanone	8.696	43	2222	0.52	ug/l #	1
59) 2-Hexanone	9.561	43	1126	0.35	ug/l #	42
76) 1,2,3-Trichloropropane	11.122	75	86113	20.78	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	86113	61.66	ug/l #	12

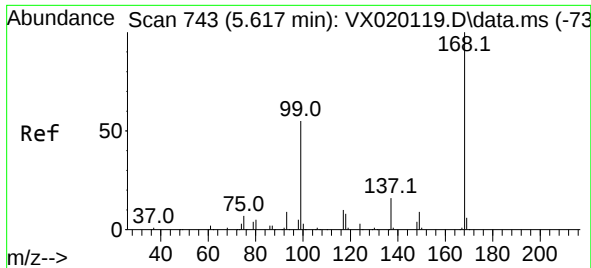
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
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Misc : 5.0mL/MSVOA_X/WATER
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Instrument :
MSVOA_X
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Quant Time: Dec 22 01:35:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
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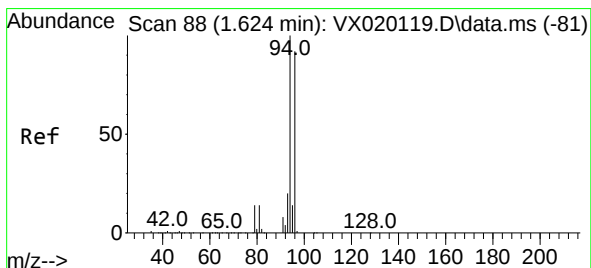
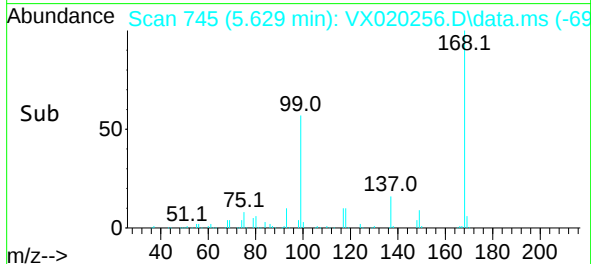
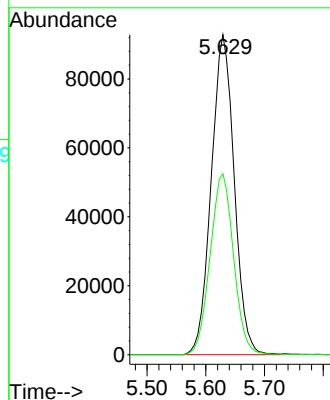
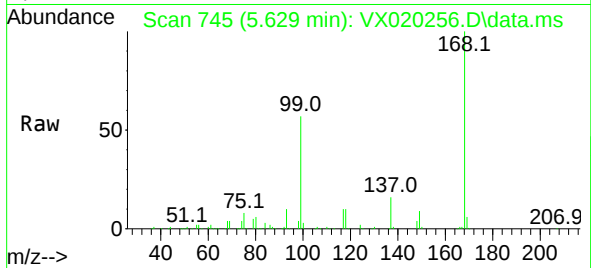




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

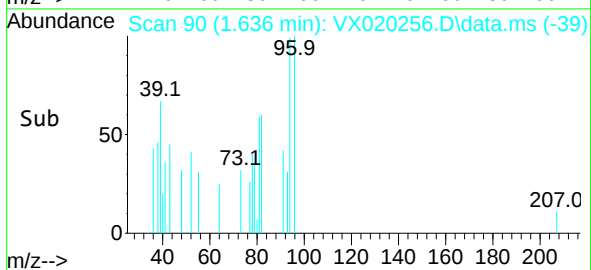
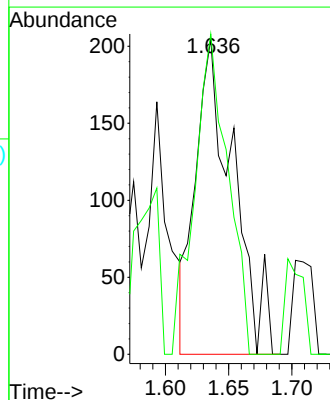
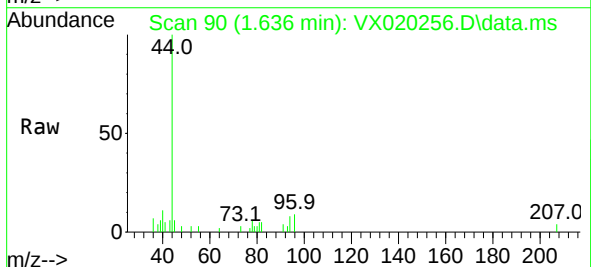
Instrument :
MSVOA_X
ClientSampleId :

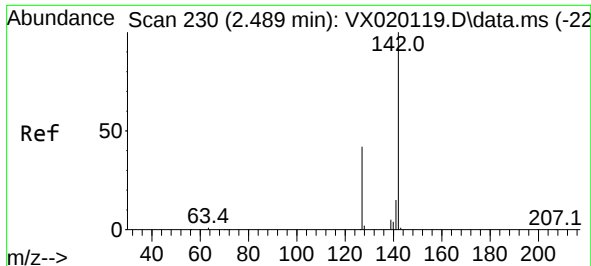
Tgt Ion:168 Resp: 251846
Ion Ratio Lower Upper
168 100
99 56.6 45.8 68.6



#5
Bromomethane
Concen: 0.38 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

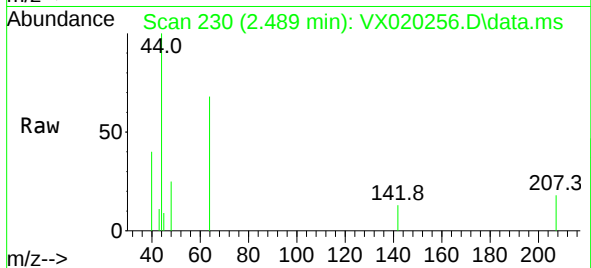
Tgt Ion: 94 Resp: 424
Ion Ratio Lower Upper
94 100
96 101.5 76.4 114.6



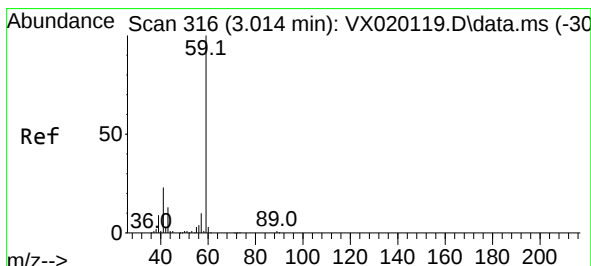
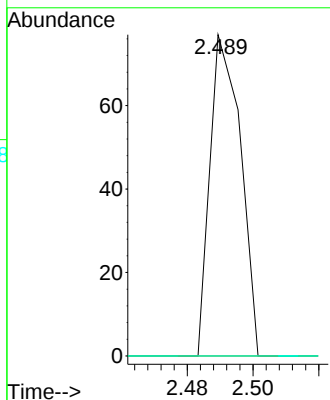
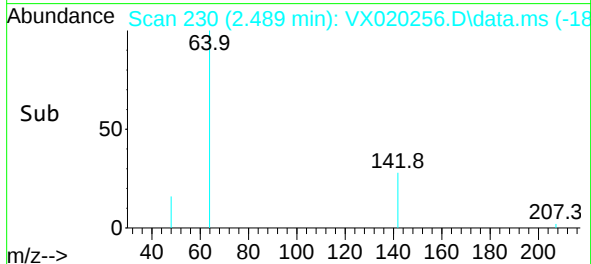


#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

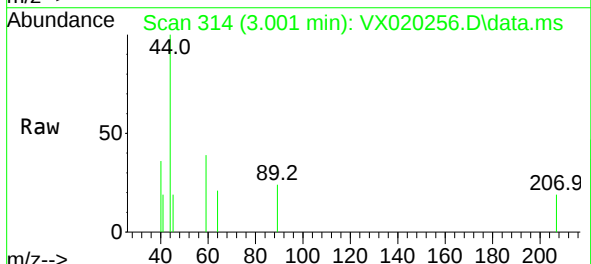
Instrument :
MSVOA_X
ClientSampled :



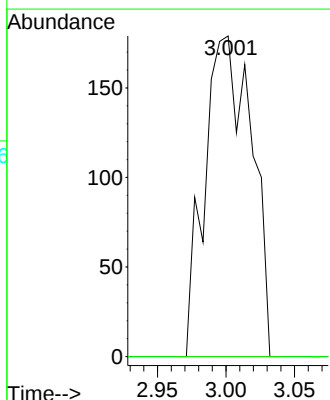
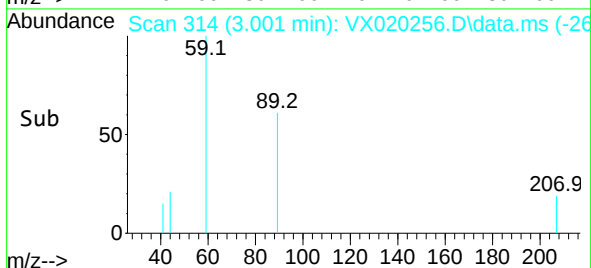
Tgt Ion:142 Resp: 50
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

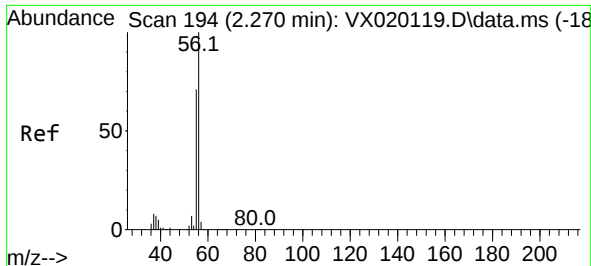


#11
Tert butyl alcohol
Concen: 0.56 ug/l
RT: 3.001 min Scan# 314
Delta R.T. -0.013 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36



Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

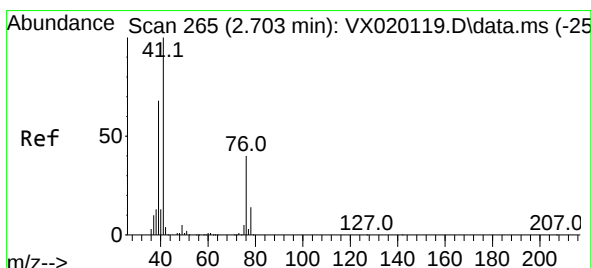
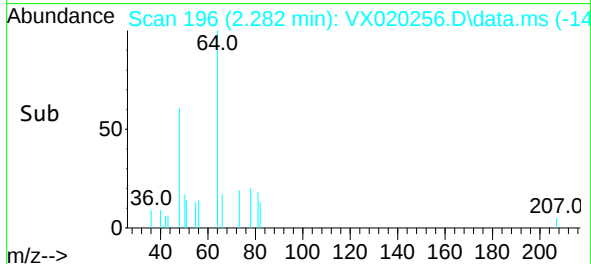
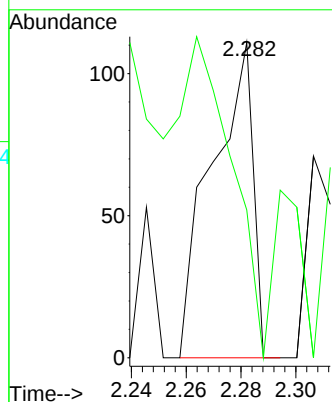
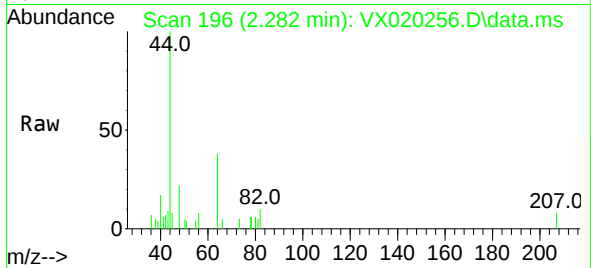




#13
Acrolein
Concen: 0.25 ug/l
RT: 2.282 min Scan# 196
Delta R.T. 0.012 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

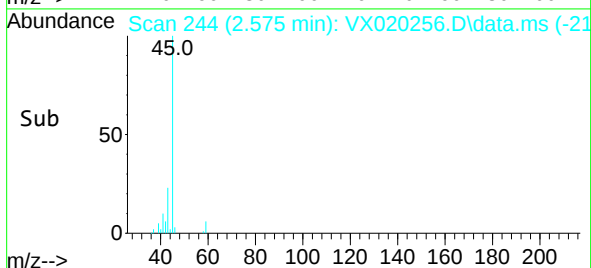
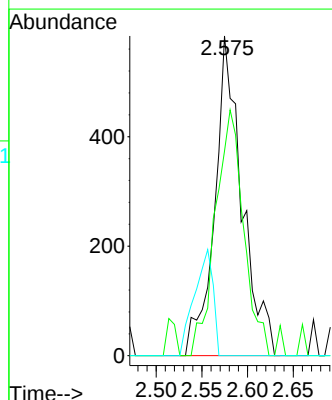
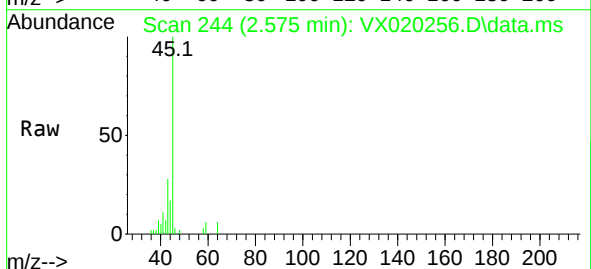
Instrument :
MSVOA_X
ClientSampled :

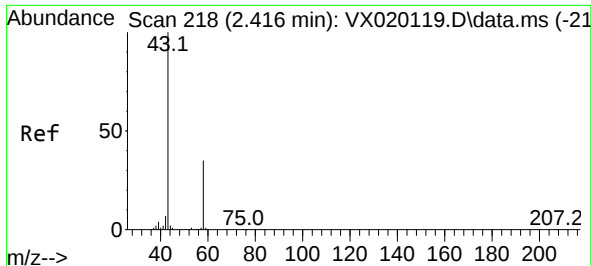
Tgt Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
55 131.0 56.4 84.6#



#14
Allyl chloride
Concen: 0.27 ug/l
RT: 2.575 min Scan# 244
Delta R.T. -0.128 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Tgt Ion: 41 Resp: 1220
Ion Ratio Lower Upper
41 100
39 79.4 51.6 77.4#
76 0.0 30.5 45.7#

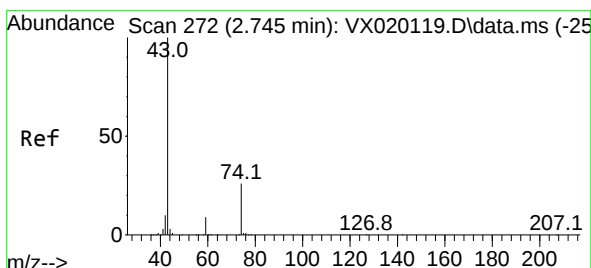
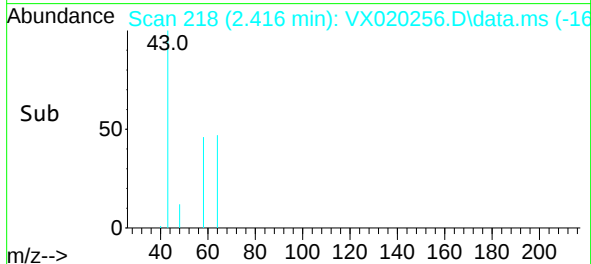
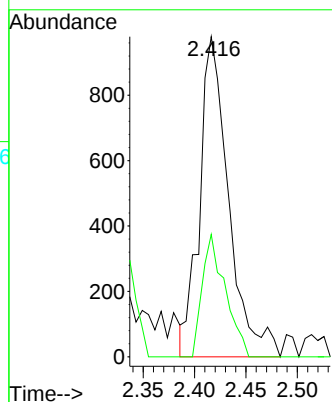
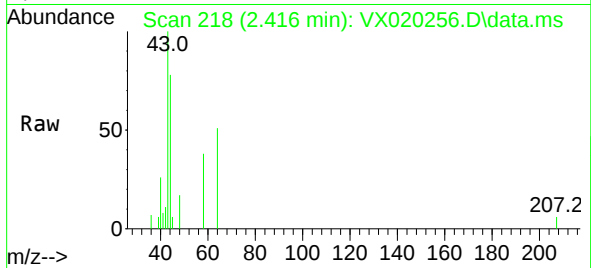




#16
Acetone
Concen: 1.25 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

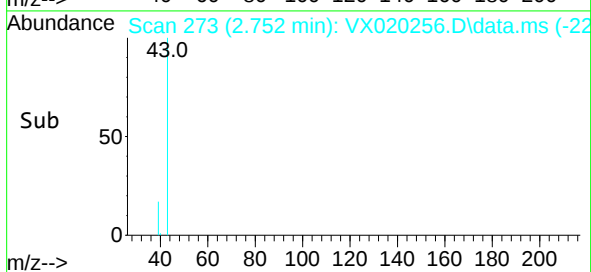
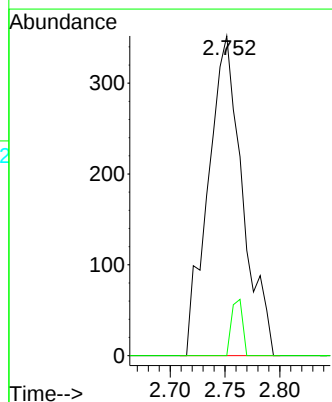
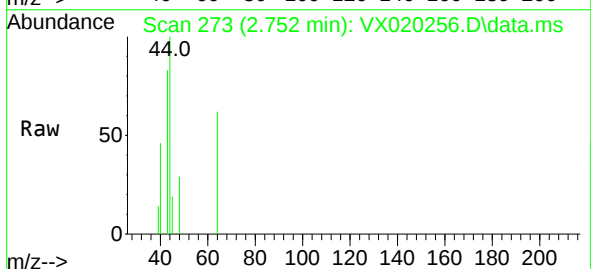
Instrument :
MSVOA_X
ClientSampled :

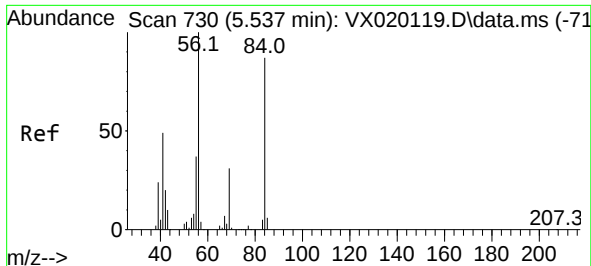
Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 38.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.752 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

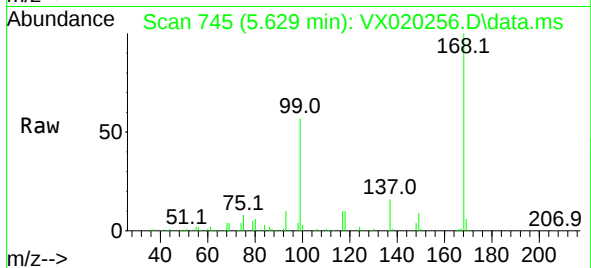
Tgt Ion: 43 Resp: 767
Ion Ratio Lower Upper
43 100
74 5.6 21.9 32.9#



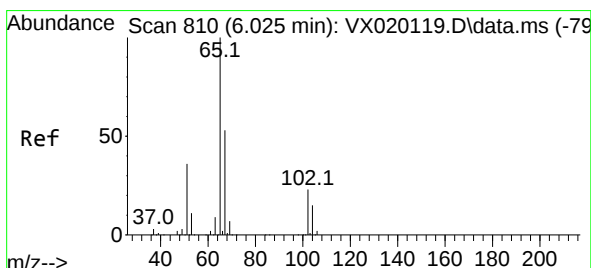
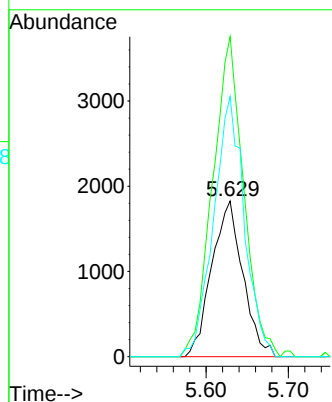
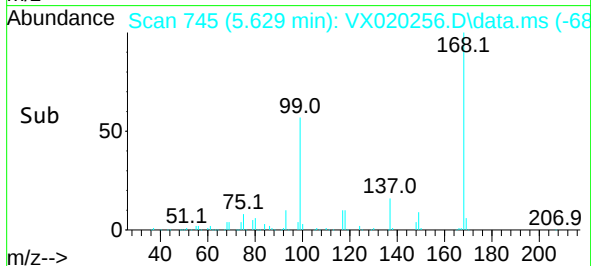


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

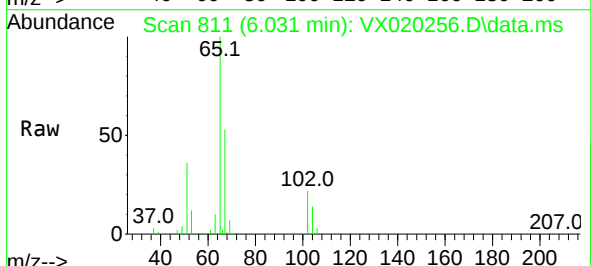
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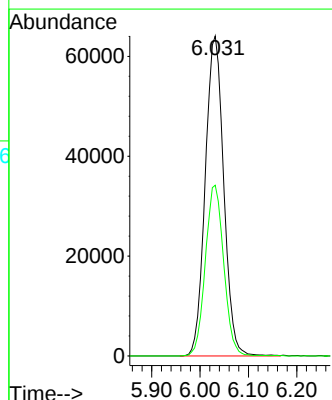
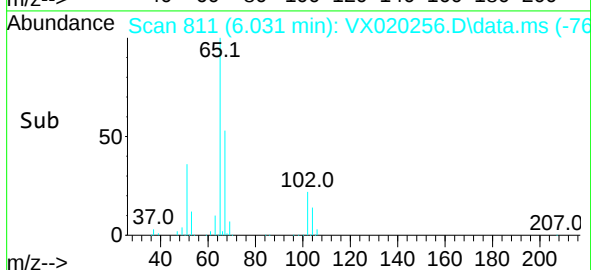
Tgt Ion: 56 Resp: 4802
Ion Ratio Lower Upper
56 100
69 205.6 25.3 37.9#
84 167.1 71.4 107.0#

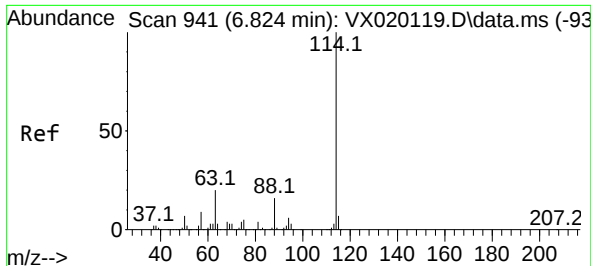


#33
1,2-Dichloroethane-d4
Concen: 50.44 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36



Tgt Ion: 65 Resp: 170269
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4

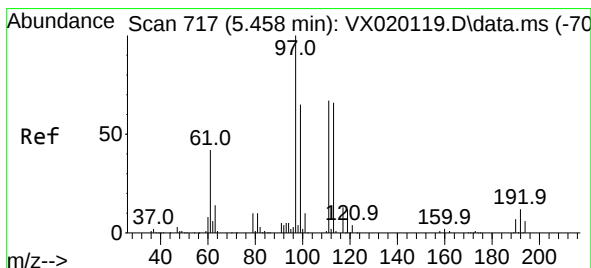
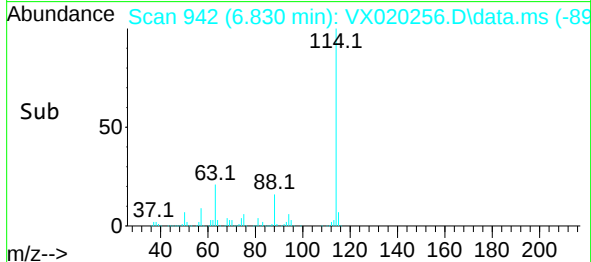
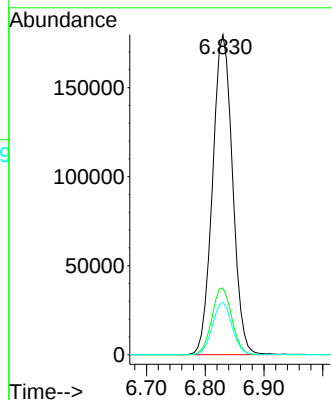
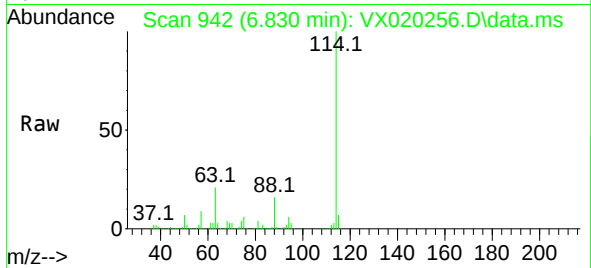




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

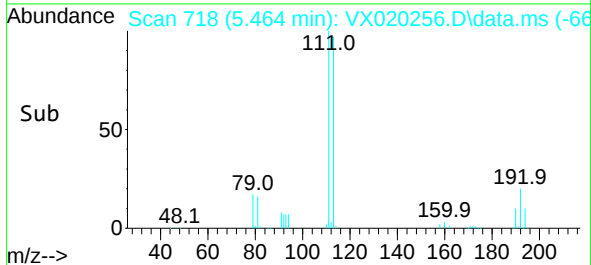
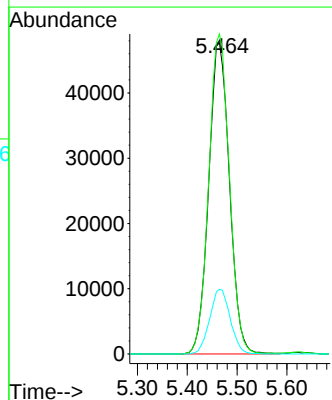
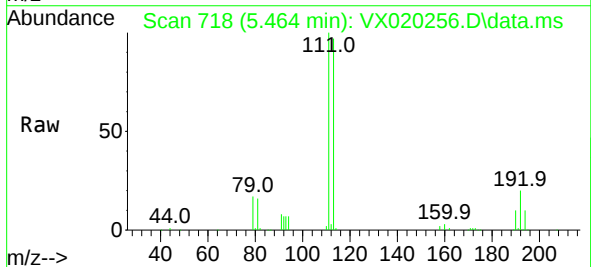
Instrument :
MSVOA_X
ClientSampled :

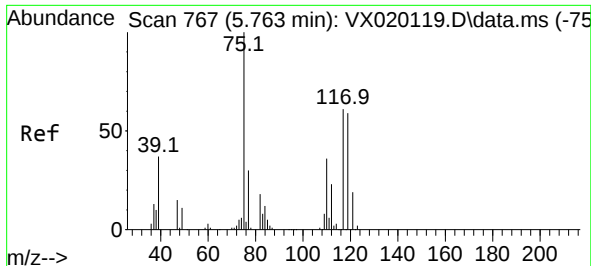
Tgt Ion:114 Resp: 424517
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.93 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Tgt Ion:113 Resp: 138297
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.5 16.7 25.1

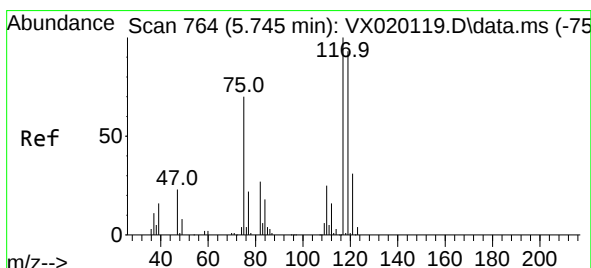
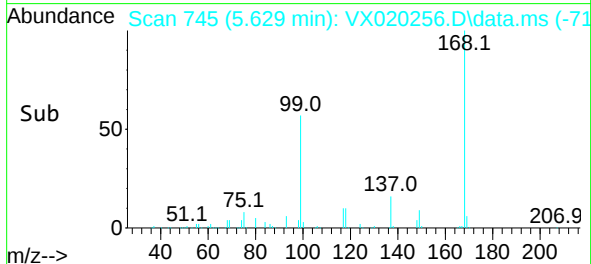
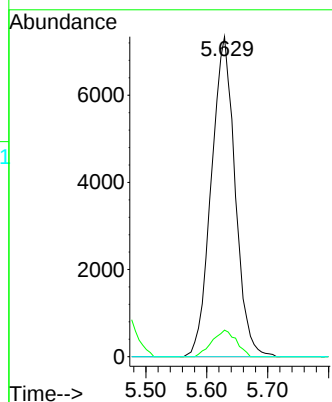
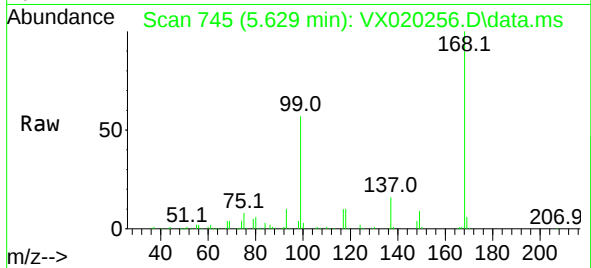




#36
1,1-Dichloropropene
Concen: 4.75 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

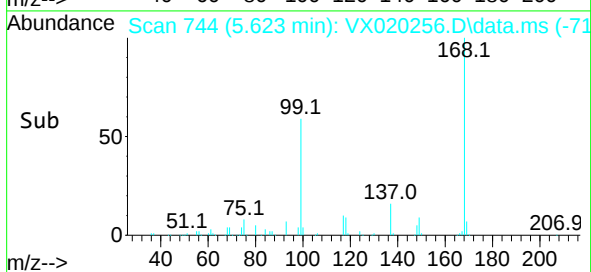
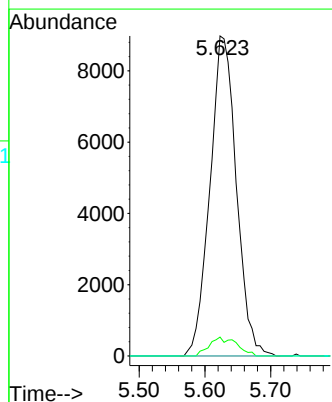
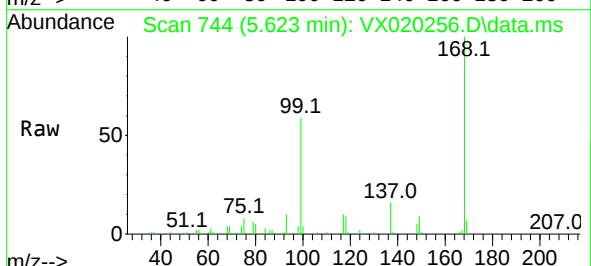
Instrument :
MSVOA_X
ClientSampleId :

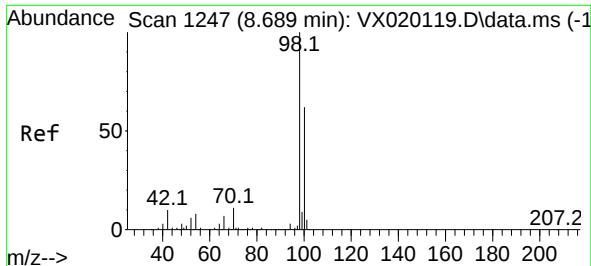
Tgt Ion: 75 Resp: 19914
Ion Ratio Lower Upper
75 100
110 8.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.30 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Tgt Ion: 117 Resp: 25122
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

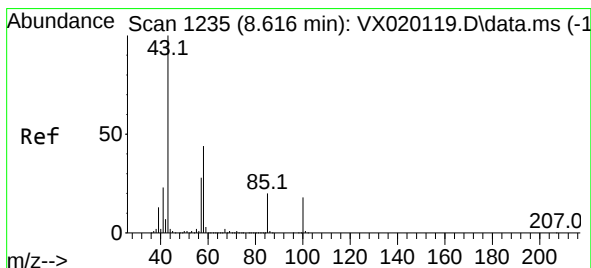
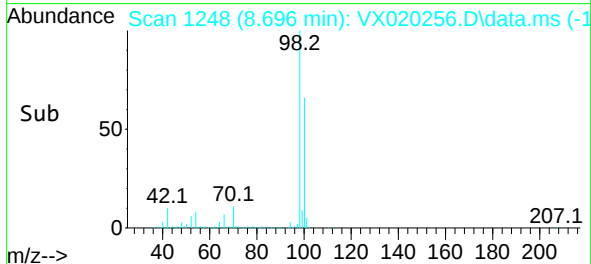
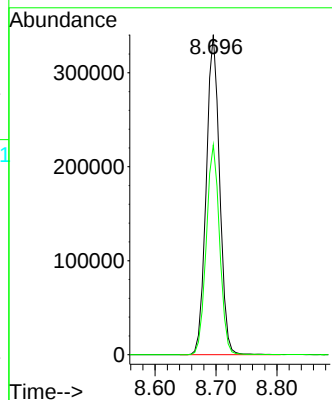
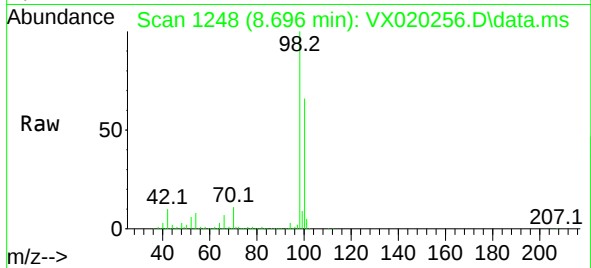




#50
Toluene-d8
Concen: 49.74 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

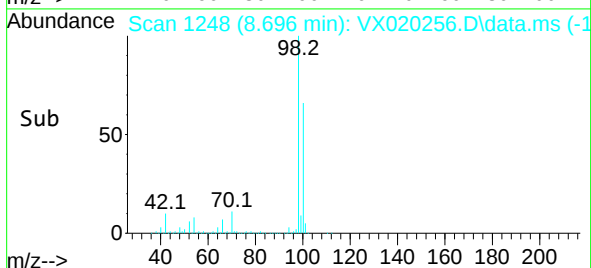
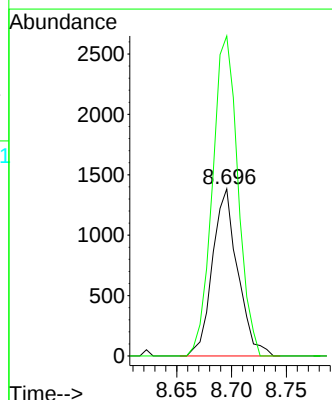
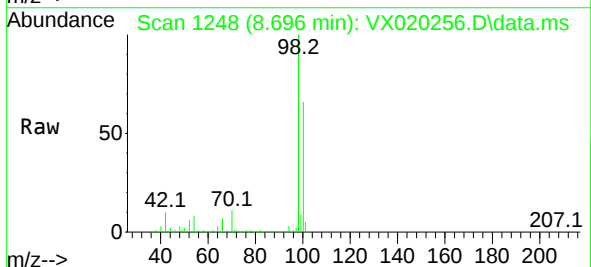
Instrument :
MSVOA_X
ClientSampled :

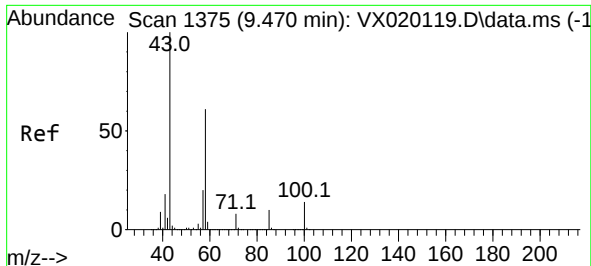
Tgt Ion: 98 Resp: 519921
Ion Ratio Lower Upper
98 100
100 65.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.52 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.080 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Tgt Ion: 43 Resp: 2222
Ion Ratio Lower Upper
43 100
58 192.6 35.4 53.0#

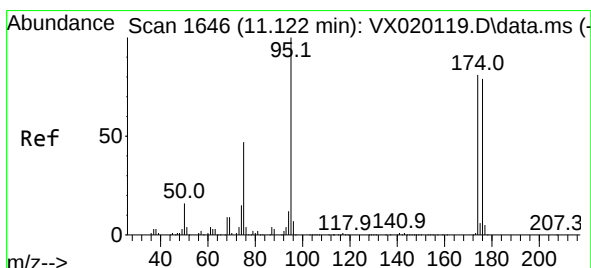
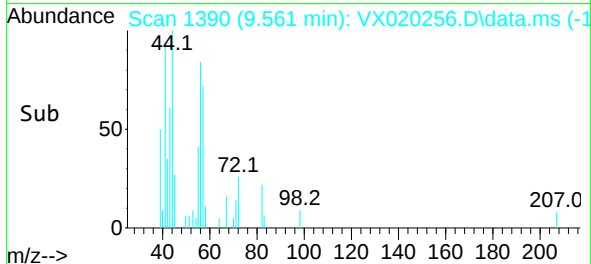
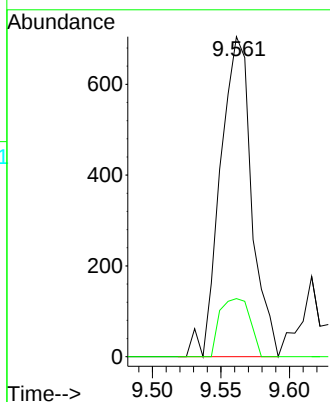
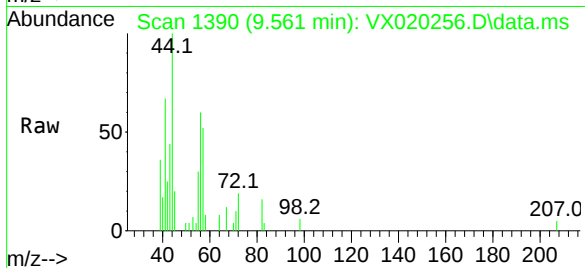




#59
2-Hexanone
Concen: 0.35 ug/l
RT: 9.561 min Scan# 1390
Delta R.T. 0.091 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

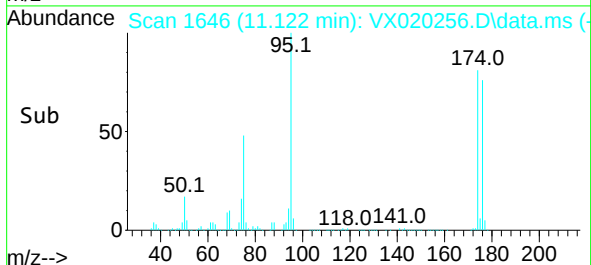
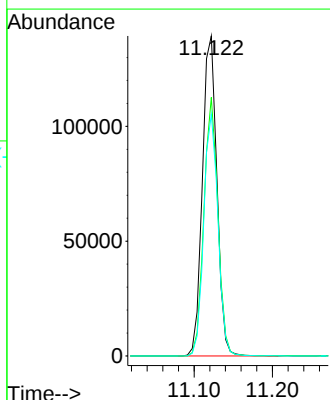
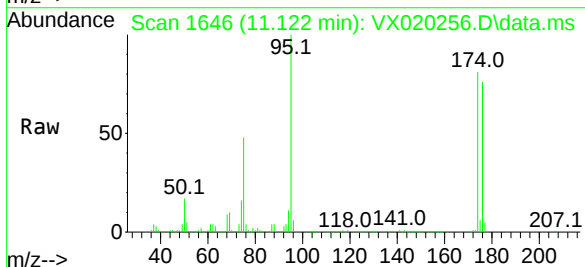
Instrument :
MSVOA_X
ClientSampled :

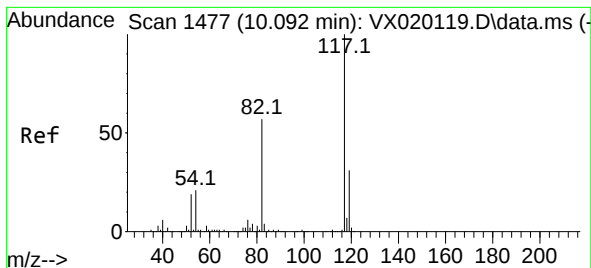
Tgt Ion: 43 Resp: 1126
Ion Ratio Lower Upper
43 100
58 17.4 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.75 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Tgt Ion: 95 Resp: 179031
Ion Ratio Lower Upper
95 100
174 78.1 0.0 154.6
176 73.9 0.0 155.8

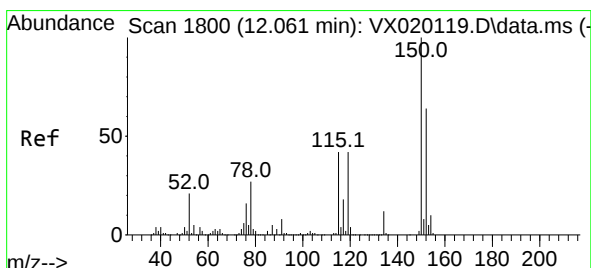
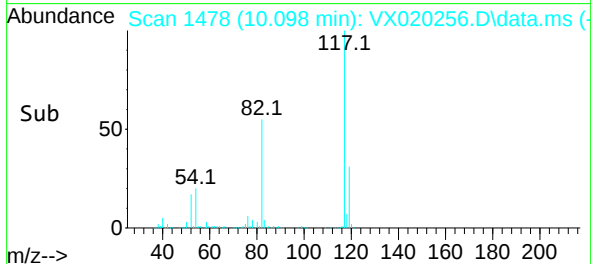
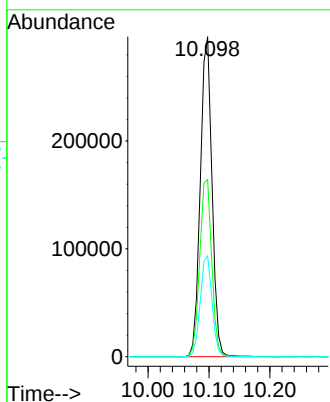
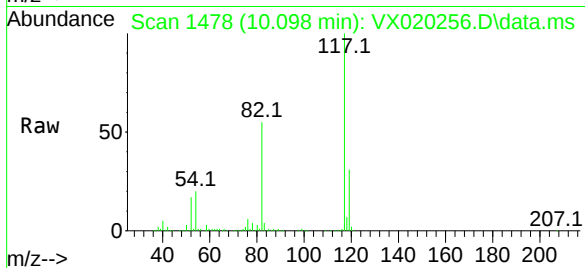




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

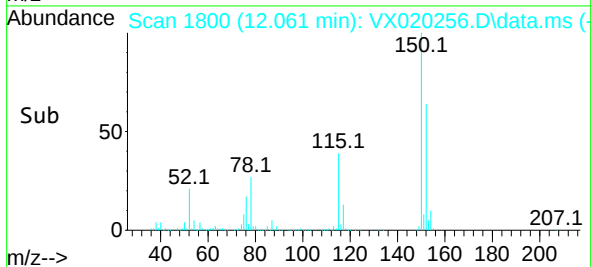
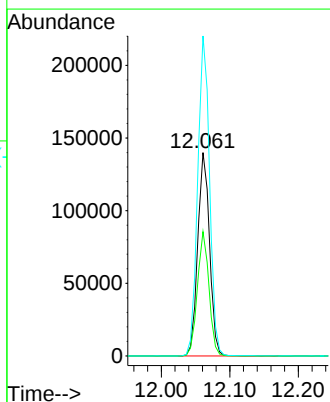
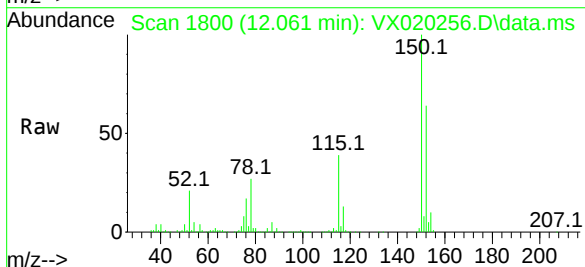
Instrument :
MSVOA_X
ClientSampleId :

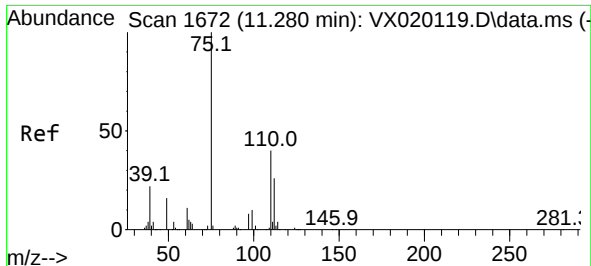
Tgt Ion:117 Resp: 394957
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Tgt Ion:152 Resp: 168194
Ion Ratio Lower Upper
152 100
115 59.9 41.1 123.3
150 157.7 0.0 349.0

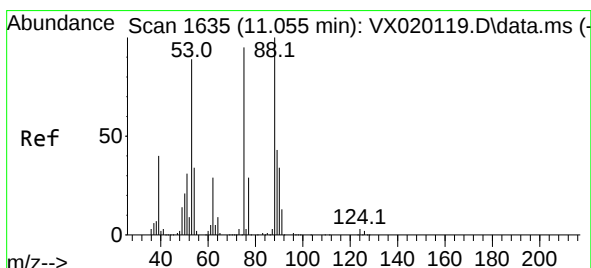
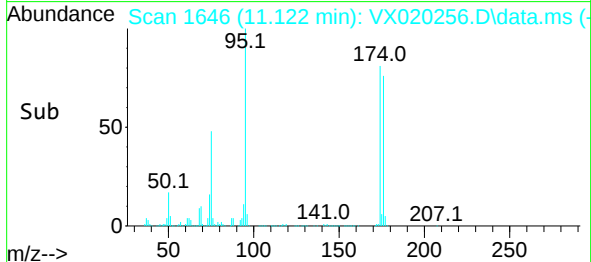
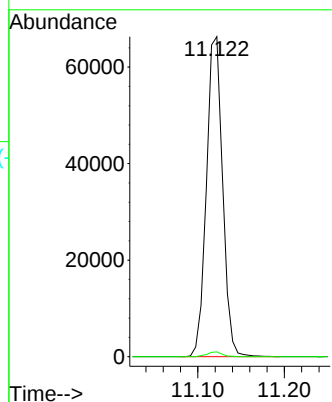
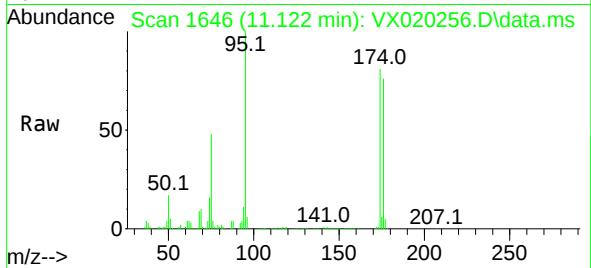




#76
1,2,3-Trichloropropane
Concen: 20.78 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 86113
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 61.66 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020256.D
Acq: 21 Dec 2020 17:36

Tgt Ion: 75 Resp: 86113
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

