

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020257.D
 Acq On : 21 Dec 2020 17:59
 Operator : JC/MD
 Sample : L5123-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:35:37 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)

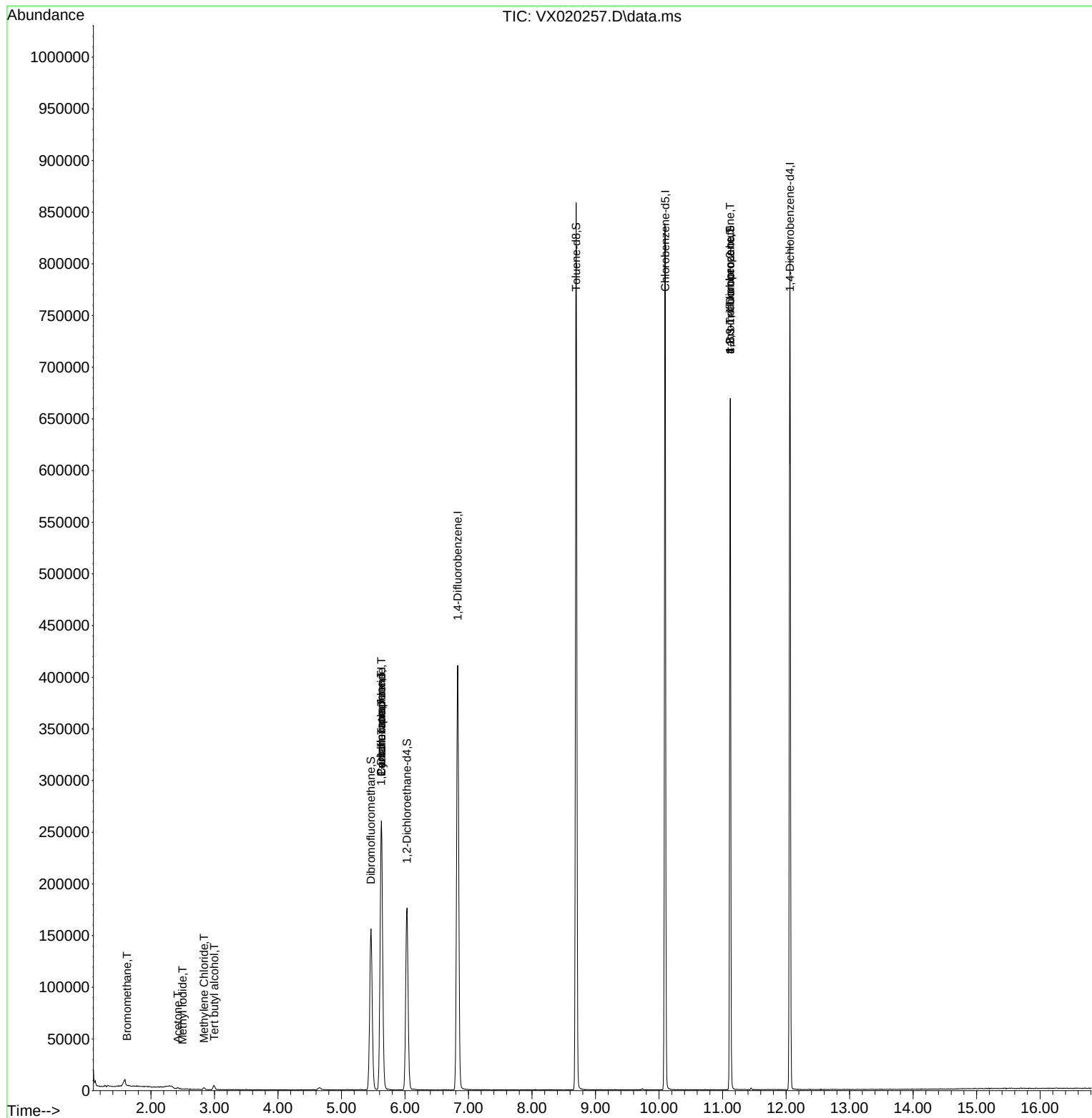
Internal Standards						
1) Pentafluorobenzene	5.629	168	244827	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	416278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	391582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	165304	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	168599	51.37	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 102.74%		
35) Dibromofluoromethane	5.464	113	134345	50.45	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.90%		
50) Toluene-d8	8.696	98	504888	49.26	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 98.52%		
62) 4-Bromofluorobenzene	11.122	95	177052	45.13	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 90.26%		
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	442	0.41	ug/l	92
10) Methyl Iodide	2.495	142	23	3.29	ug/l #	42
11) Tert butyl alcohol	2.995	59	2467	3.36	ug/l #	73
16) Acetone	2.422	43	1132	0.76	ug/l	92
20) Methylene Chloride	2.837	84	855	0.25	ug/l #	87
31) Cyclohexane	5.629	56	5066	1.12	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	19521	4.75	ug/l #	48
38) Carbon Tetrachloride	5.629	117	24730	6.32	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	86802	21.32	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	86802	63.24	ug/l #	12

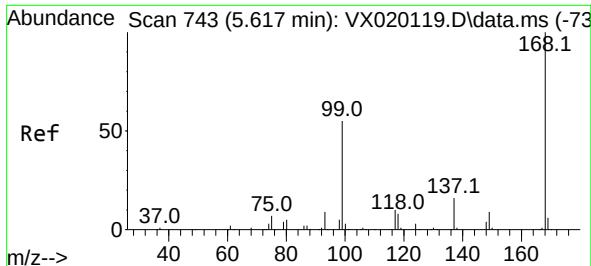
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 22 01:35:37 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

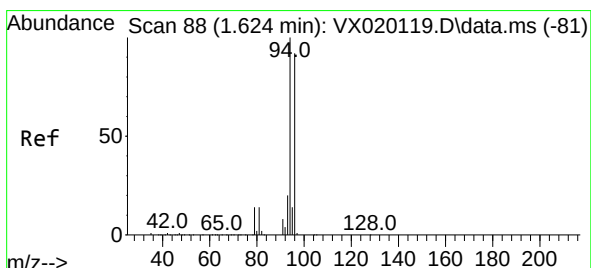
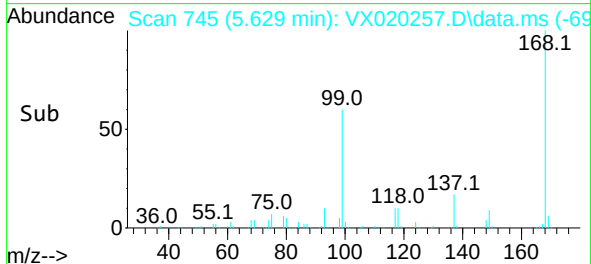
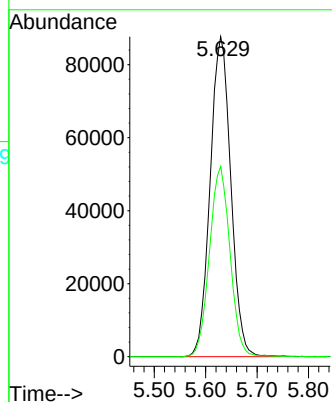
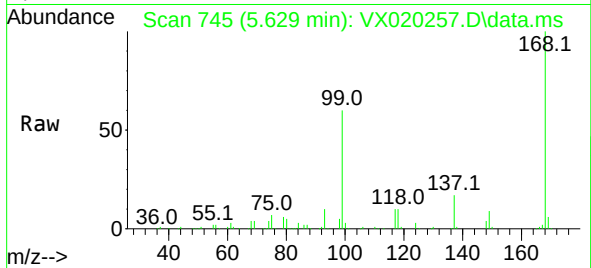




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

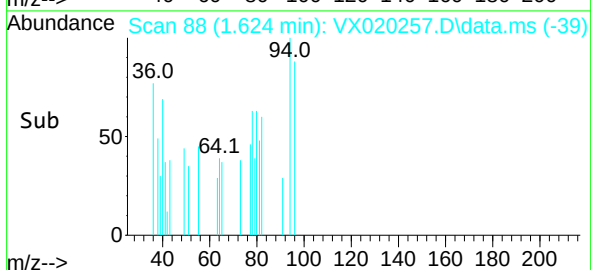
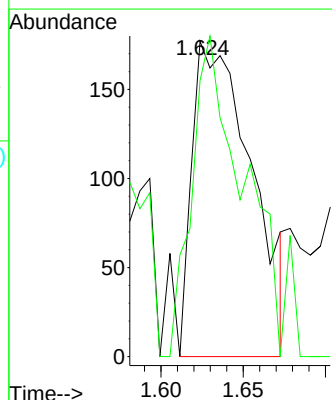
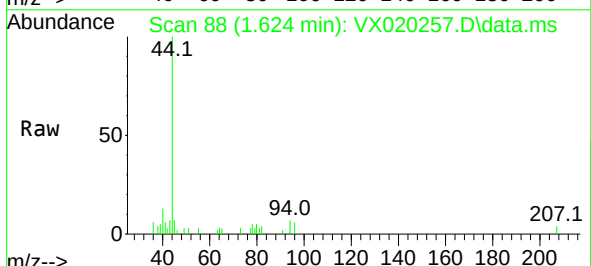
Instrument :
MSVOA_X
ClientSampled :

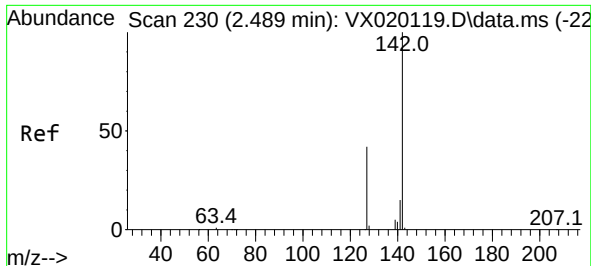
Tgt Ion:168 Resp: 244827
Ion Ratio Lower Upper
168 100
99 59.5 45.8 68.6



#5
Bromomethane
Concen: 0.41 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

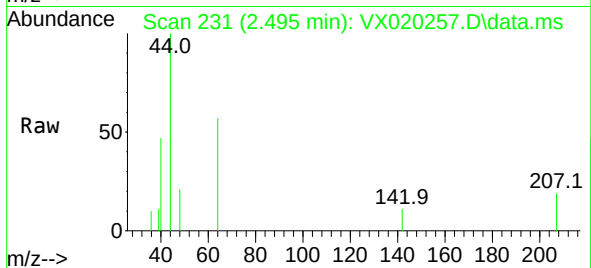
Tgt Ion: 94 Resp: 442
Ion Ratio Lower Upper
94 100
96 87.6 76.4 114.6



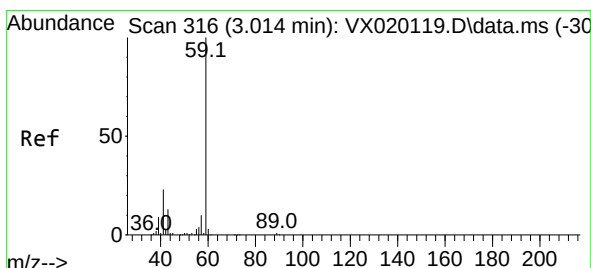
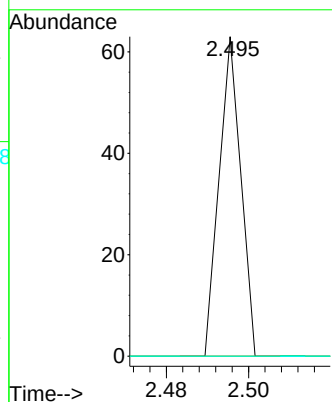
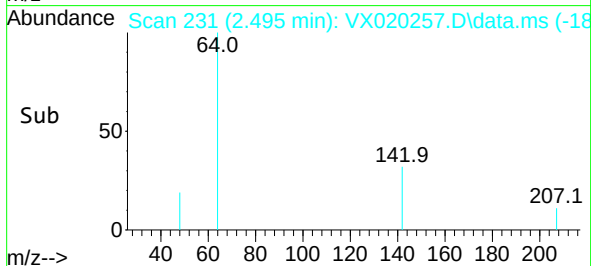


#10
Methyl Iodide
Concen: 3.29 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

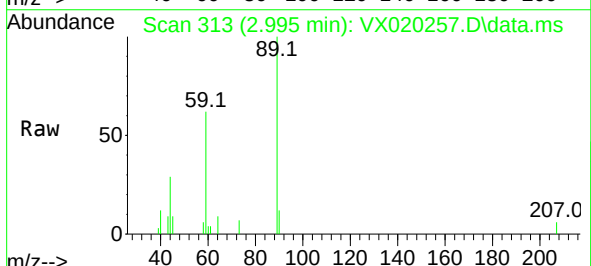
Instrument :
MSVOA_X
ClientSampled :



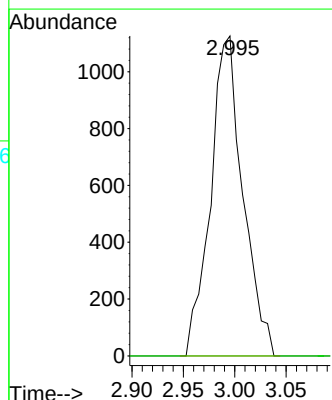
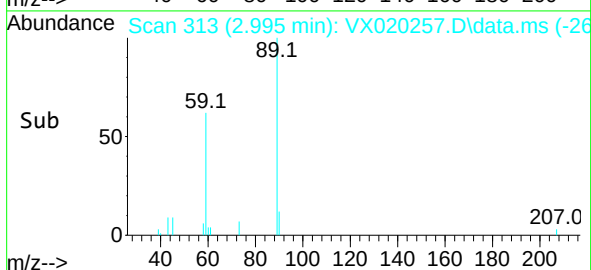
Tgt Ion:142 Resp: 23
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

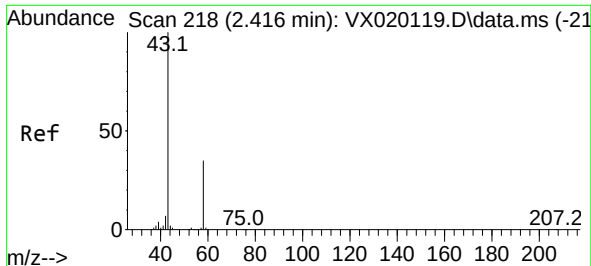


#11
Tert butyl alcohol
Concen: 3.36 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.019 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59



Tgt Ion: 59 Resp: 2467
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

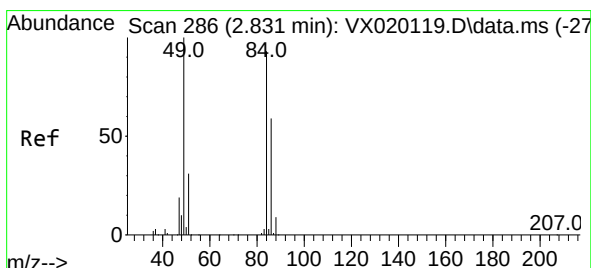
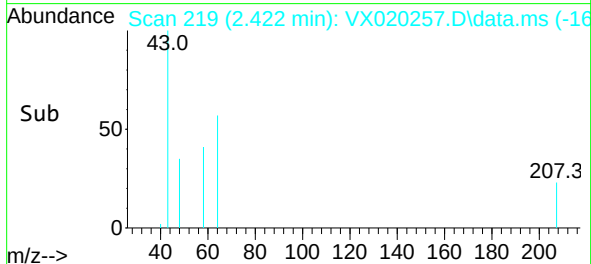
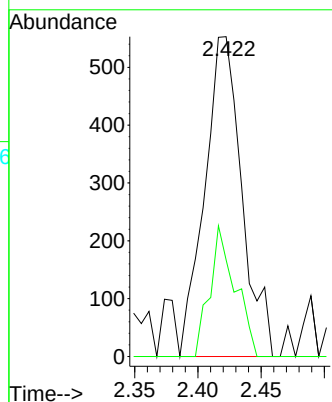
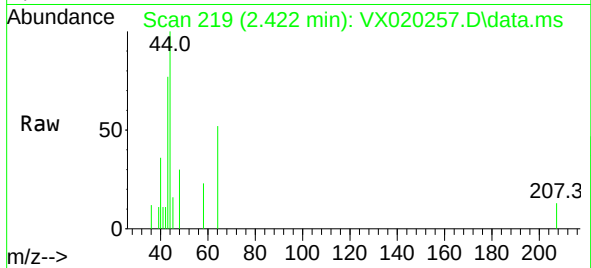




#16
Acetone
Concen: 0.76 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.006 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

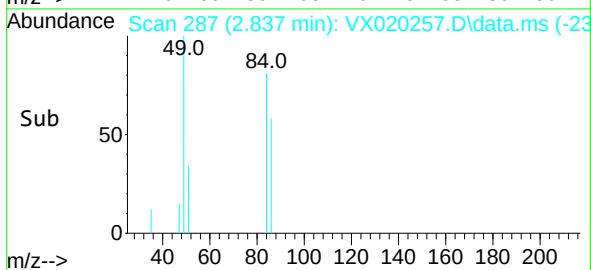
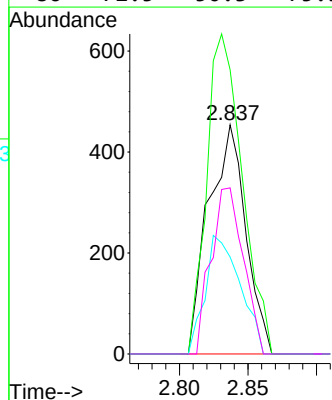
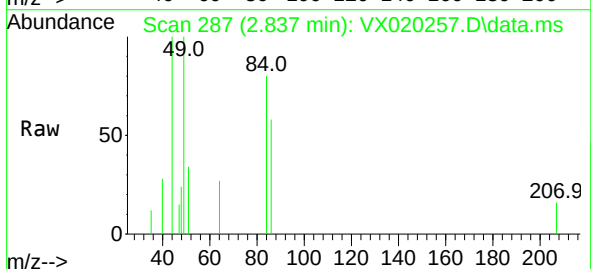
Instrument :
MSVOA_X
ClientSampled :

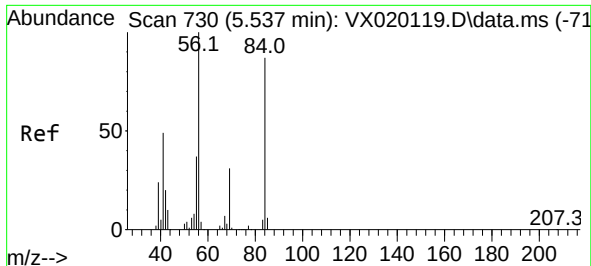
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
58 30.2 27.8 41.8



#20
Methylene Chloride
Concen: 0.25 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

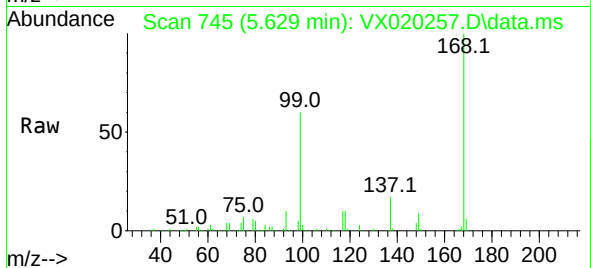
Tgt Ion: 84 Resp: 855
Ion Ratio Lower Upper
84 100
49 124.0 88.6 132.8
51 42.3 27.0 40.6#
86 72.5 50.3 75.5



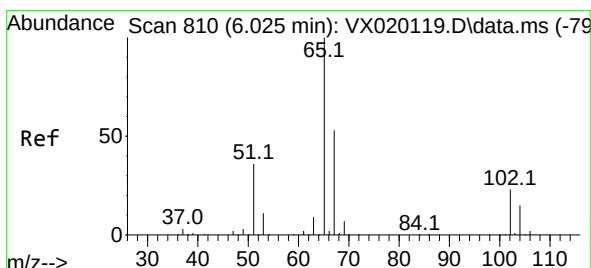
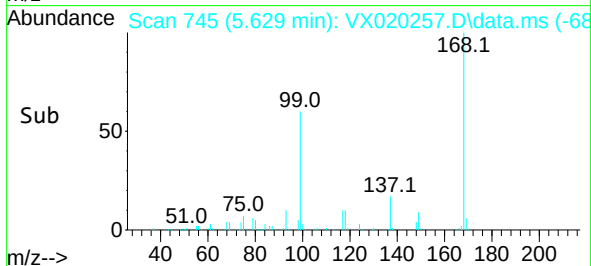
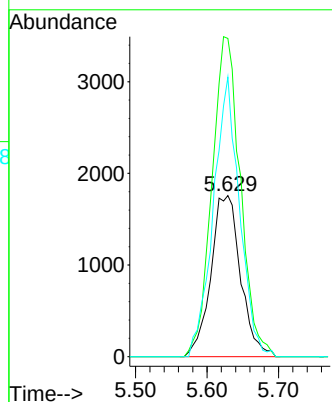


#31
Cyclohexane
Concen: 1.12 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.092 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :

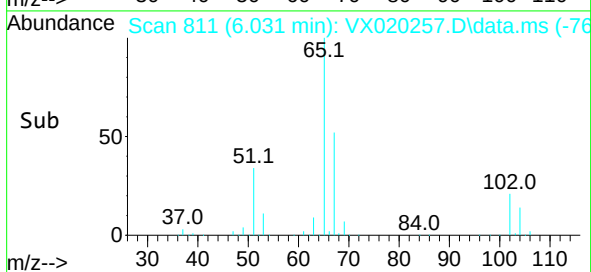
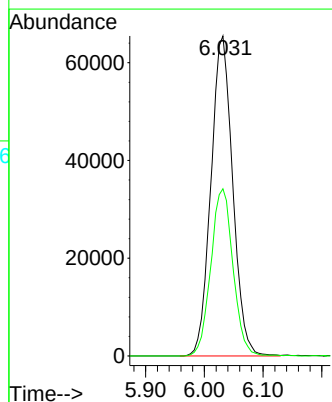
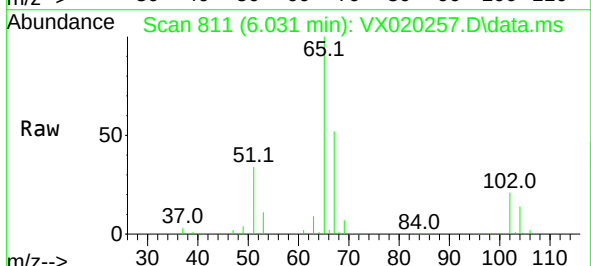


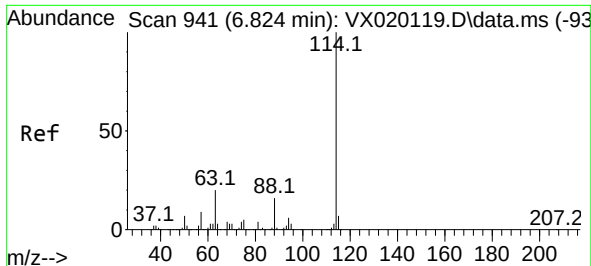
Tgt Ion: 56 Resp: 5066
Ion Ratio Lower Upper
56 100
69 197.6 25.3 37.9#
84 173.5 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 51.37 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

Tgt Ion: 65 Resp: 168599
Ion Ratio Lower Upper
65 100
67 53.2 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: VX020257.D

Acq: 21 Dec 2020 17:59

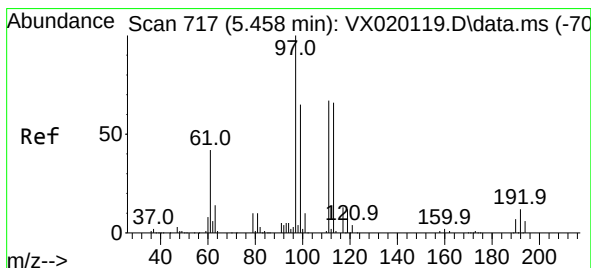
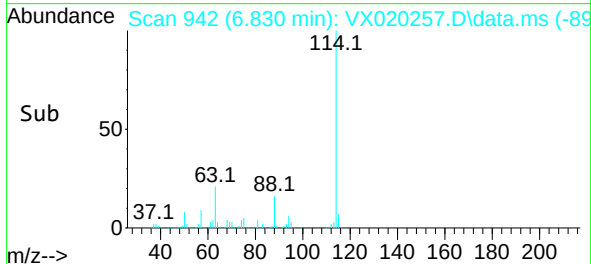
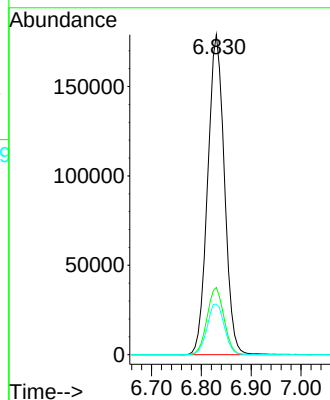
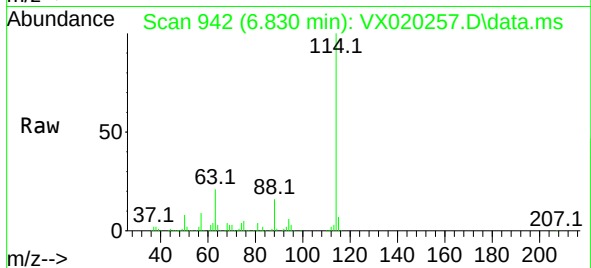
Tgt Ion:114 Resp: 416278

Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.45 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020257.D

Acq: 21 Dec 2020 17:59

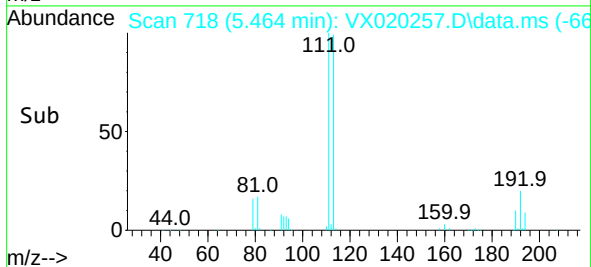
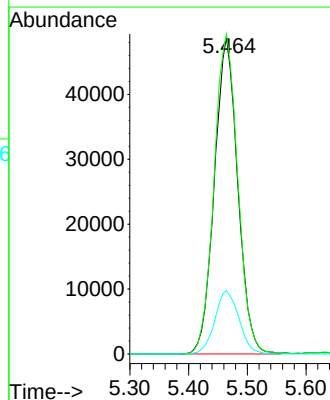
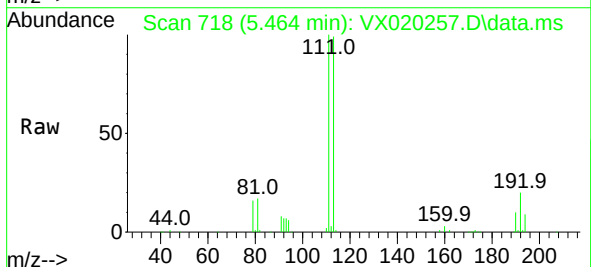
Tgt Ion:113 Resp: 134345

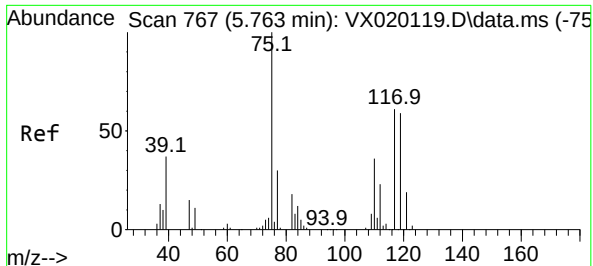
Ion Ratio Lower Upper

113 100

111 103.0 81.9 122.9

192 20.6 16.7 25.1





#36

1,1-Dichloropropene

Concen: 4.75 ug/l

RT: 5.623 min Scan# 744

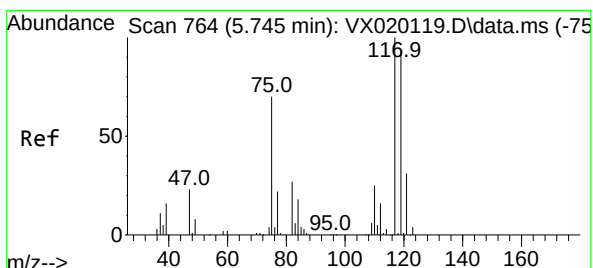
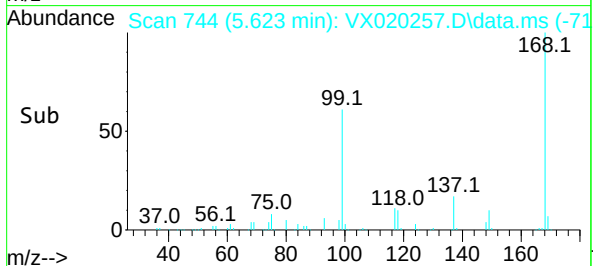
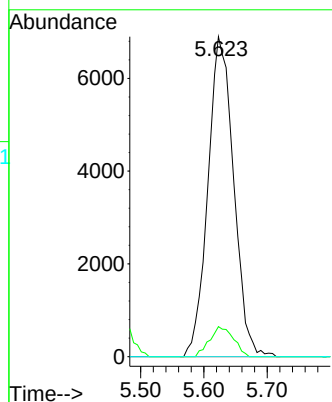
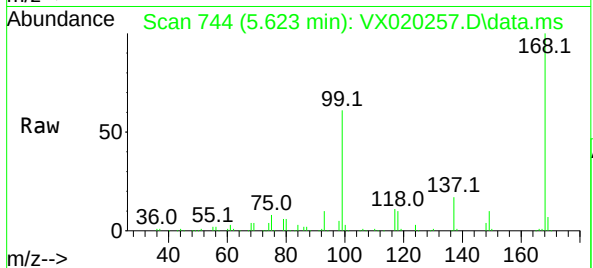
Delta R.T. -0.140 min

Lab File: VX020257.D

Acq: 21 Dec 2020 17:59

Tgt Ion: 75	Resp: 19521
Ion Ratio	Lower Upper
75 100	
110 8.7	18.1 54.4#
77 0.0	25.3 37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.32 ug/l

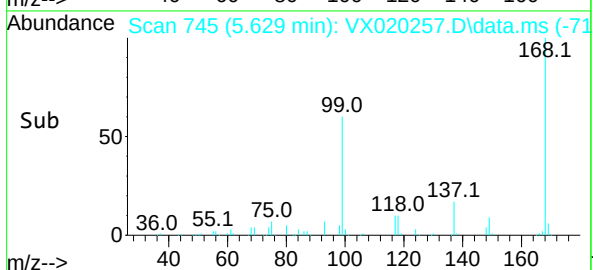
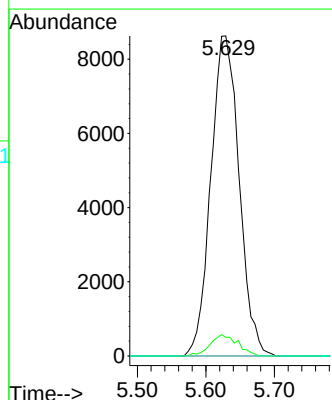
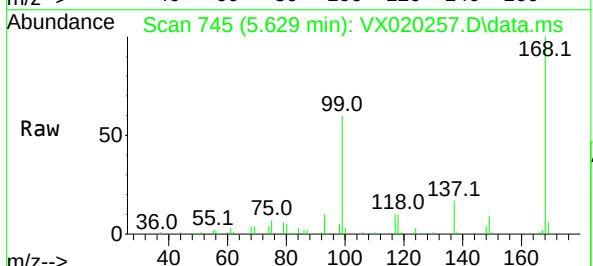
RT: 5.629 min Scan# 745

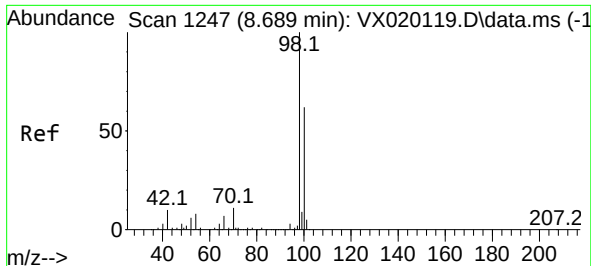
Delta R.T. -0.116 min

Lab File: VX020257.D

Acq: 21 Dec 2020 17:59

Tgt Ion: 117	Resp: 24730
Ion Ratio	Lower Upper
117 100	
119 5.8	76.2 114.2#
121 0.0	24.8 37.2#

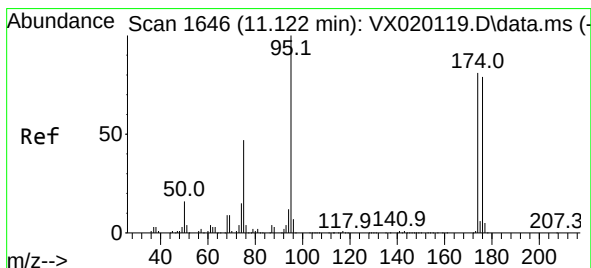
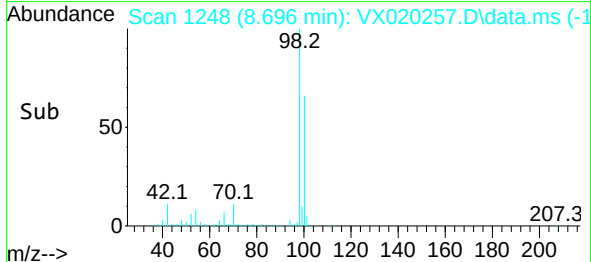
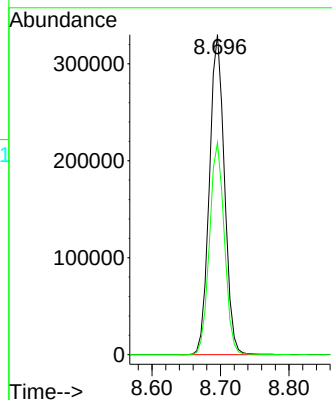
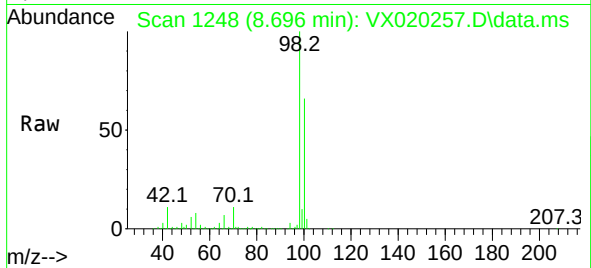




#50
Toluene-d8
Concen: 49.26 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

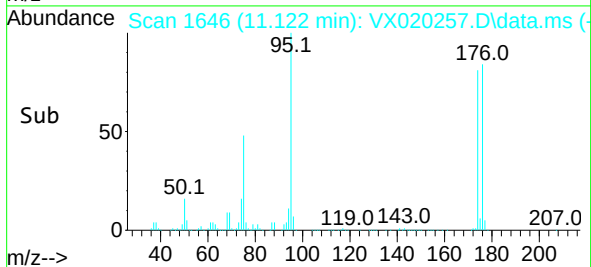
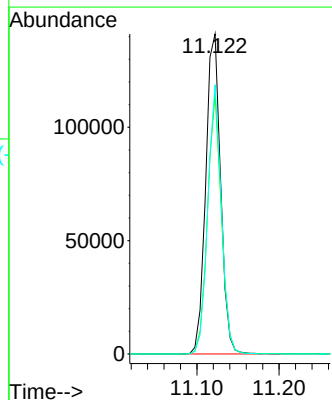
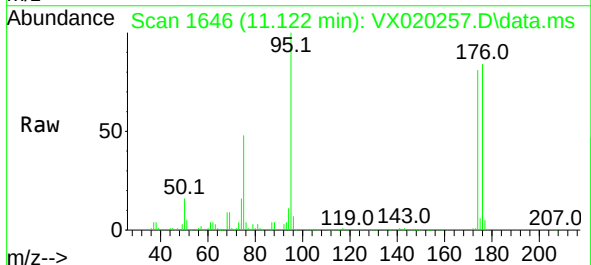
Instrument :
MSVOA_X
ClientSampleId :

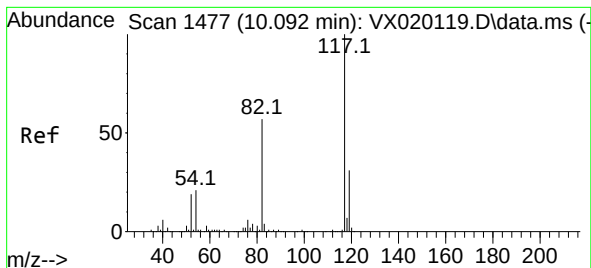
Tgt Ion: 98 Resp: 504888
Ion Ratio Lower Upper
98 100
100 65.6 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.13 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

Tgt Ion: 95 Resp: 177052
Ion Ratio Lower Upper
95 100
174 75.9 0.0 154.6
176 77.3 0.0 155.8

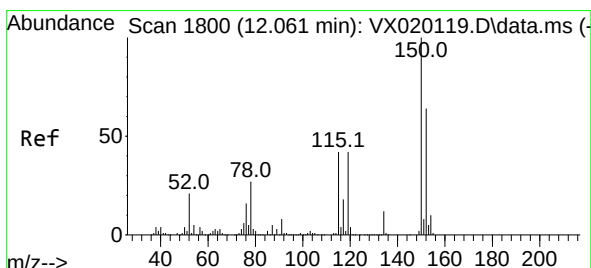
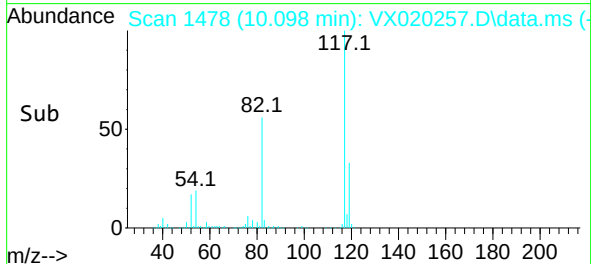
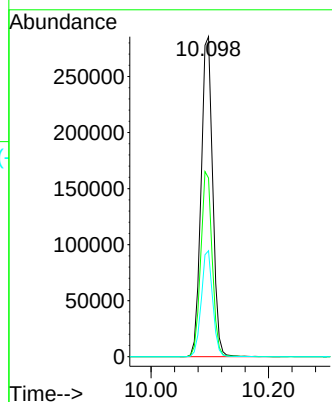
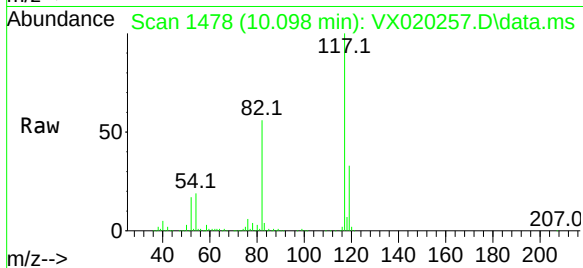




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

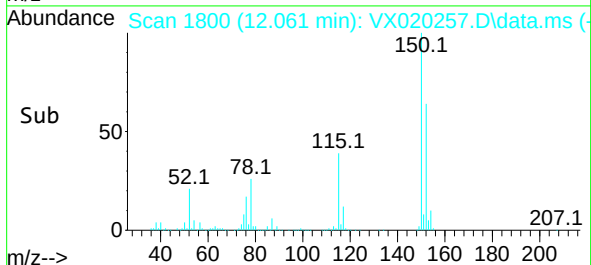
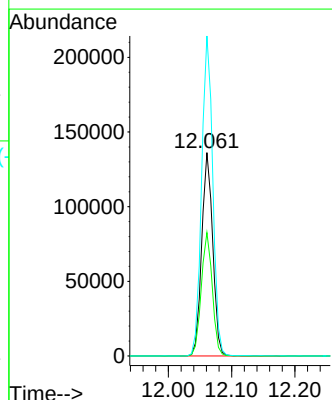
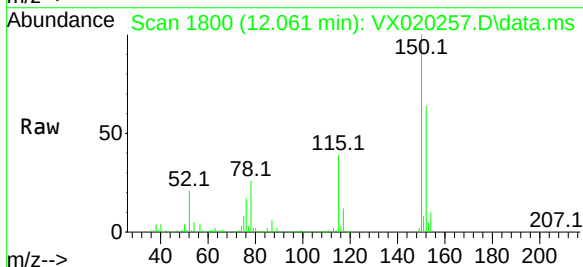
Instrument :
MSVOA_X
ClientSampleId :

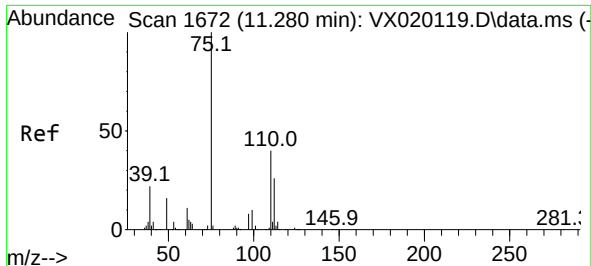
Tgt Ion:117 Resp: 391582
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

Tgt Ion:152 Resp: 165304
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.9 0.0 349.0

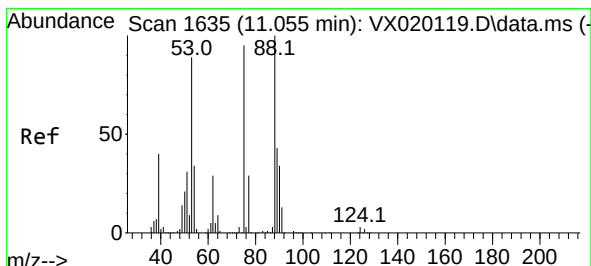
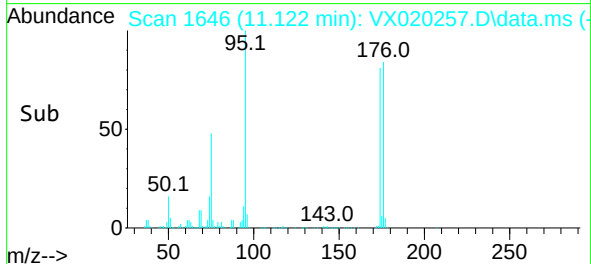
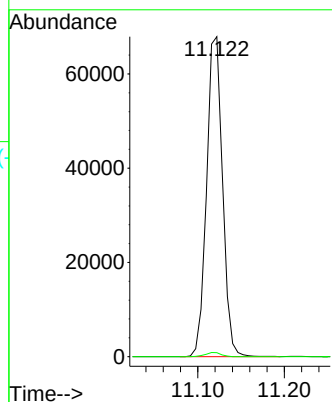
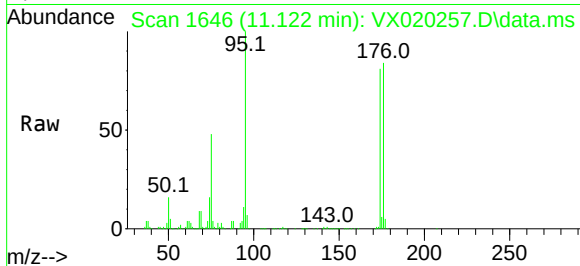




#76
1,2,3-Trichloropropane
Concen: 21.32 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 86802
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.24 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020257.D
Acq: 21 Dec 2020 17:59

Tgt Ion: 75 Resp: 86802
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

