

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020247.D
 Acq On : 21 Dec 2020 14:06
 Operator : JC/MD
 Sample : L5145-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 01:32:40 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	262780	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	440983	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	411837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174606	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	175539	49.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.66%
35) Dibromofluoromethane	5.458	113	141070	50.01	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.02%
50) Toluene-d8	8.695	98	539684	49.70	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.40%
62) 4-Bromofluorobenzene	11.122	95	190054	45.73	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.46%

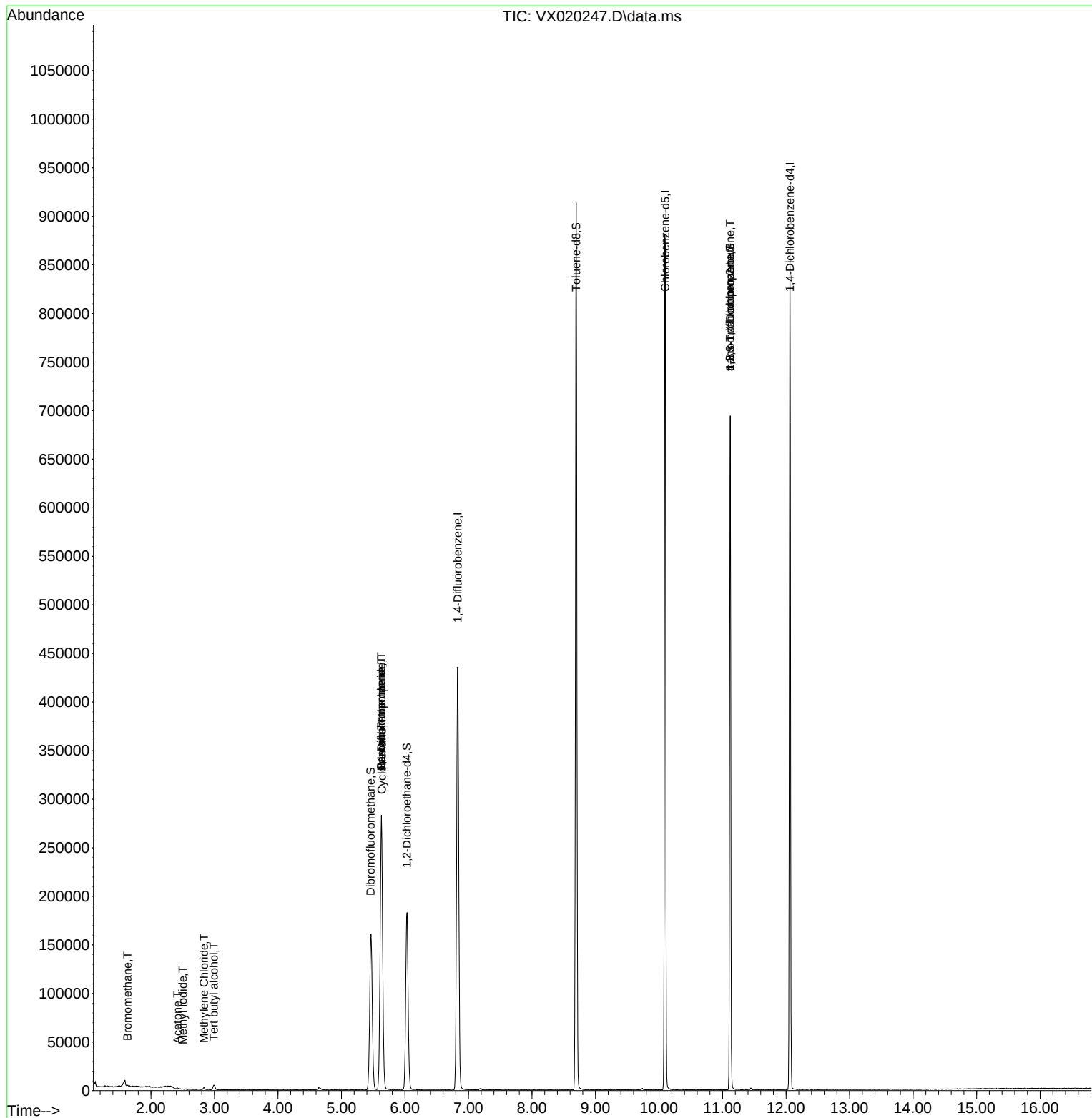
Target Compounds						Qvalue
5) Bromomethane	1.630	94	536	0.46	ug/l	94
10) Methyl Iodide	2.501	142	173	3.33	ug/l #	56
11) Tert butyl alcohol	2.989	59	2985	3.78	ug/l #	73
16) Acetone	2.416	43	1121	0.70	ug/l #	87
20) Methylene Chloride	2.837	84	965	0.27	ug/l	93
31) Cyclohexane	5.635	56	5162	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	20490	4.70	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26260	6.33	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	91707	21.32	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	91707	63.26	ug/l #	12

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

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Dec 22 01:32:40 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

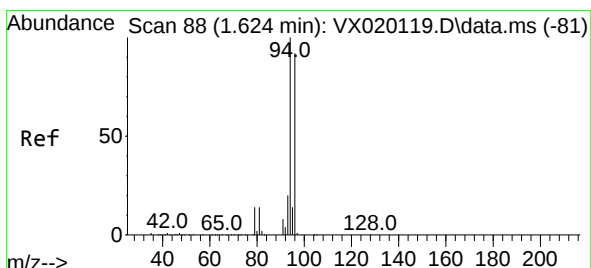
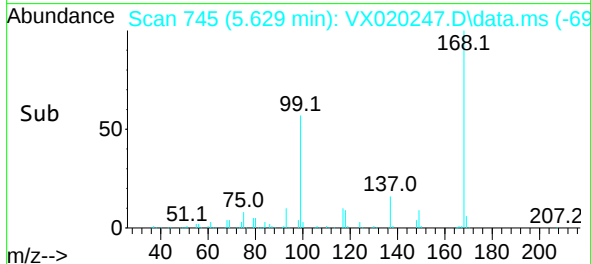
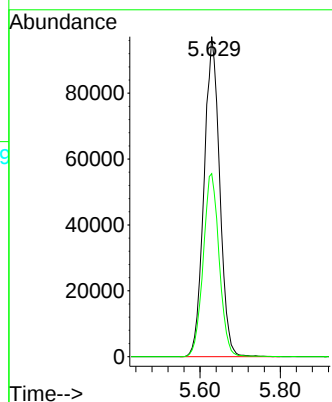
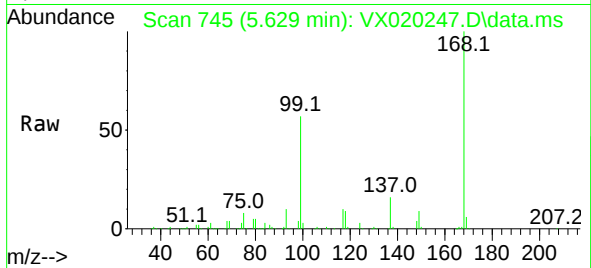




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

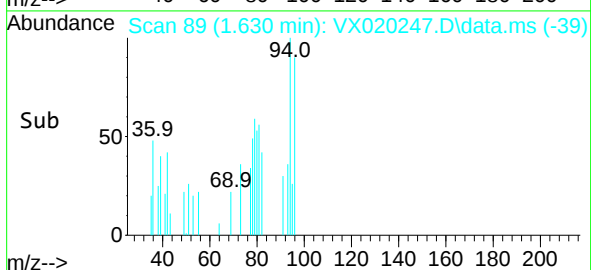
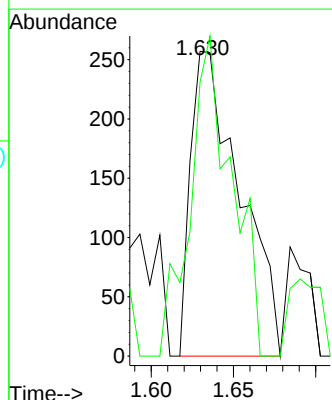
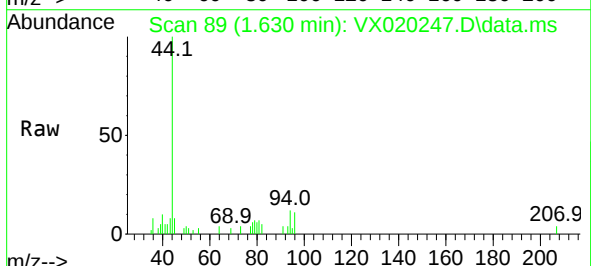
Instrument :
MSVOA_X
ClientSampled :

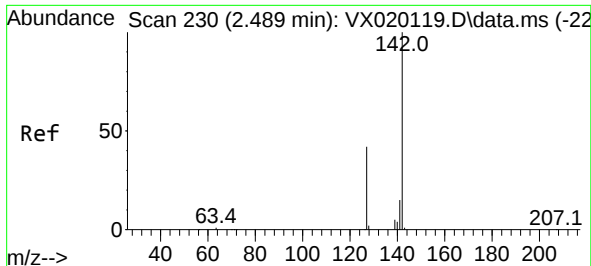
Tgt Ion:168 Resp: 262780
Ion Ratio Lower Upper
168 100
99 57.2 45.8 68.6



#5
Bromomethane
Concen: 0.46 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.006 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

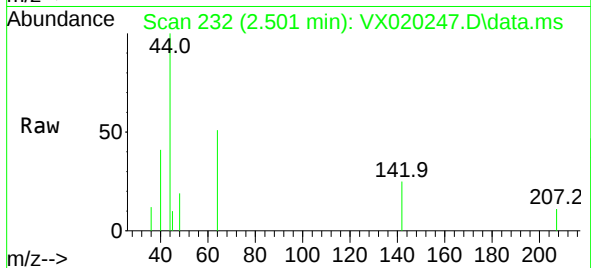
Tgt Ion: 94 Resp: 536
Ion Ratio Lower Upper
94 100
96 89.9 76.4 114.6



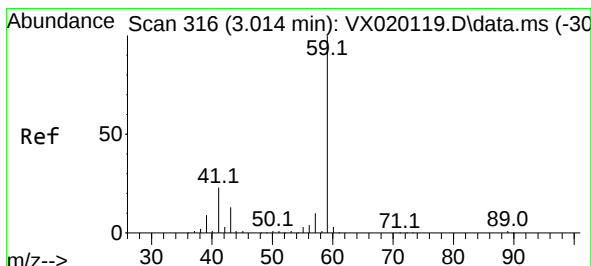
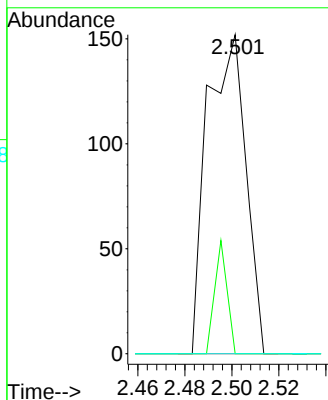
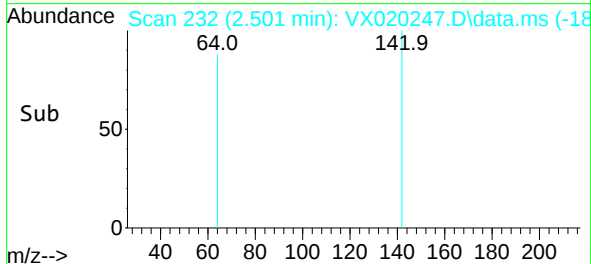


#10
Methyl Iodide
Concen: 3.33 ug/l
RT: 2.501 min Scan# 232
Delta R.T. 0.012 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

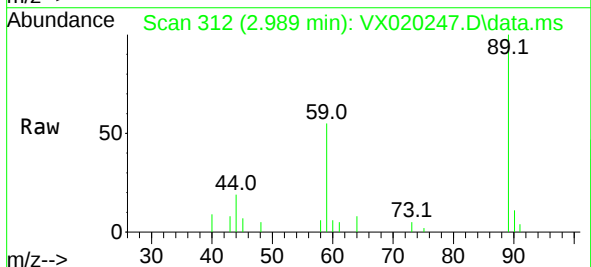
Instrument :
MSVOA_X
ClientSampleId :



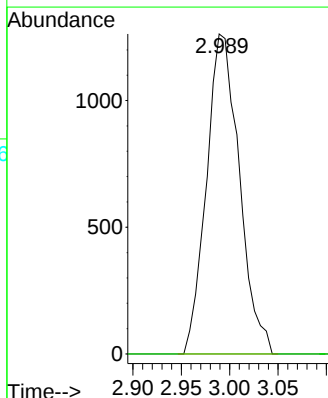
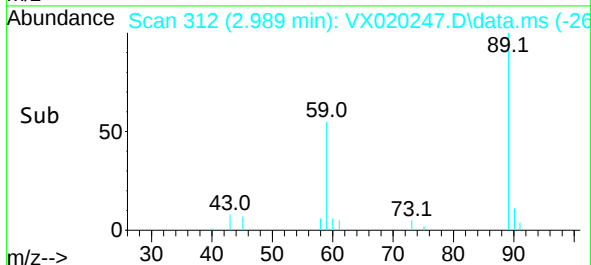
Tgt Ion:142 Resp: 173
Ion Ratio Lower Upper
142 100
127 11.6 33.3 49.9#
141 0.0 11.4 17.0#

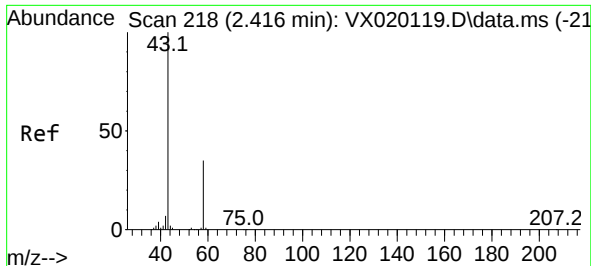


#11
Tert butyl alcohol
Concen: 3.78 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06



Tgt Ion: 59 Resp: 2985
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

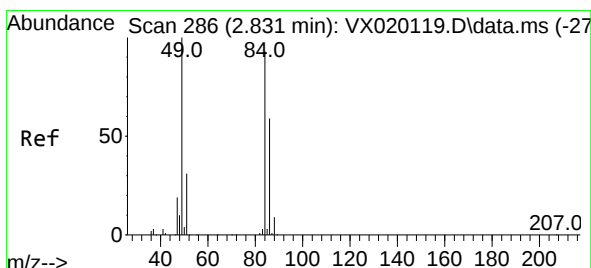
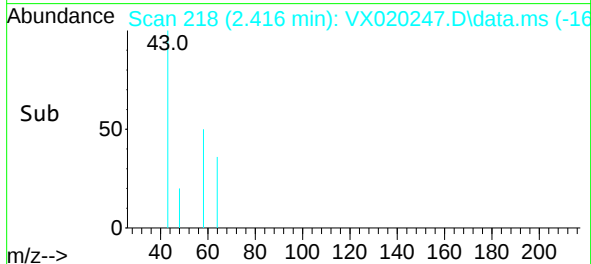
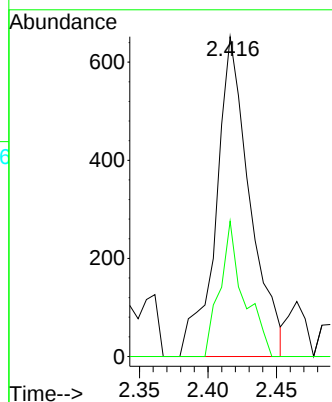
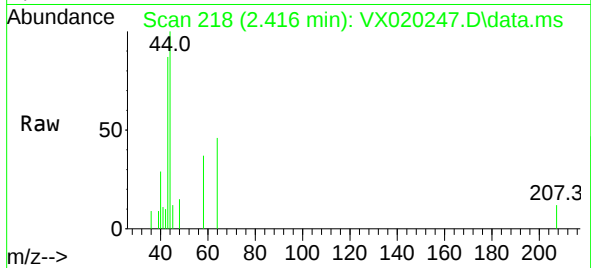




#16
Acetone
Concen: 0.70 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

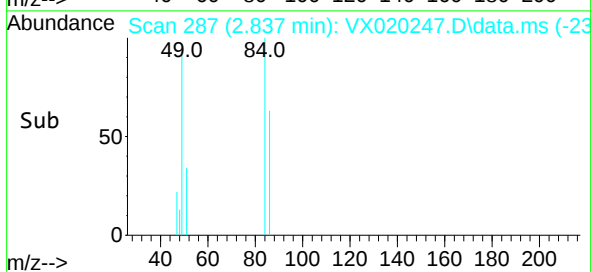
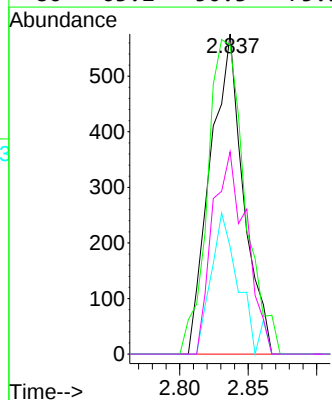
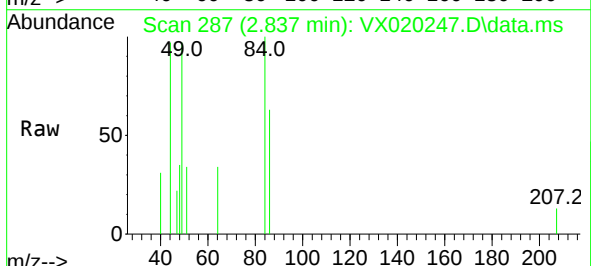
Instrument :
MSVOA_X
ClientSampled :

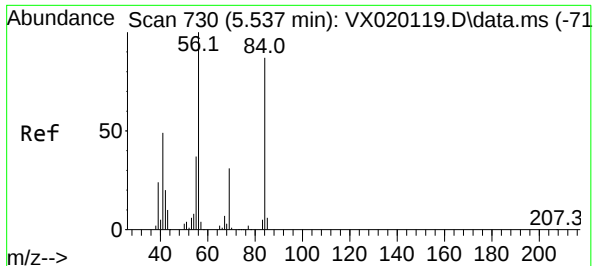
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 42.3 27.8 41.8#



#20
Methylene Chloride
Concen: 0.27 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

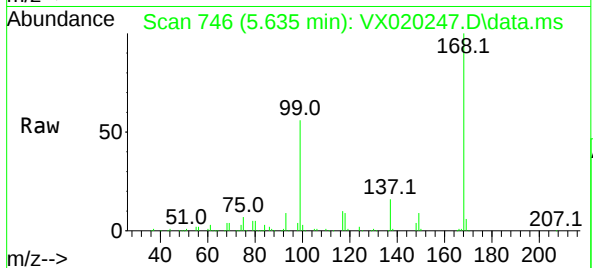
Tgt Ion: 84 Resp: 965
Ion Ratio Lower Upper
84 100
49 96.5 88.6 132.8
51 33.5 27.0 40.6
86 63.2 50.3 75.5



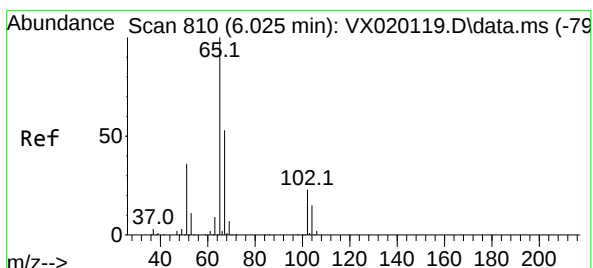
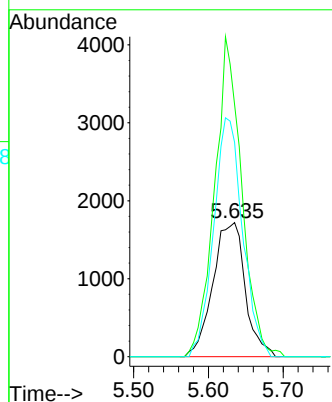
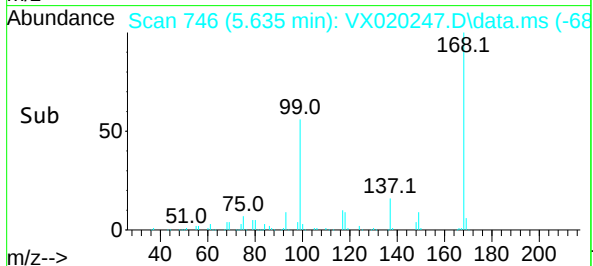


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.635 min Scan# 746
Delta R.T. 0.098 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

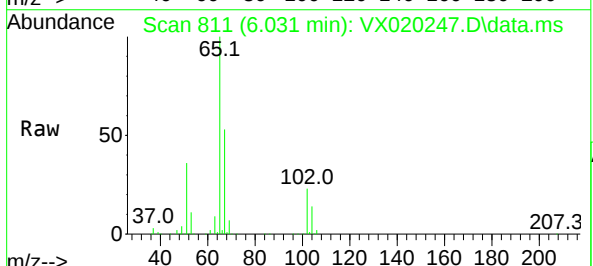
Instrument :
MSVOA_X
ClientSampleId :



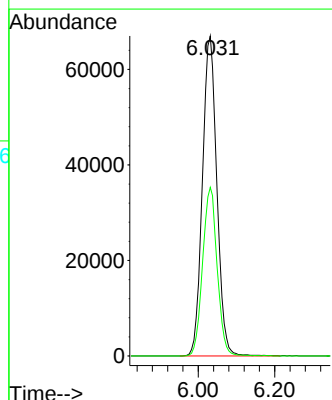
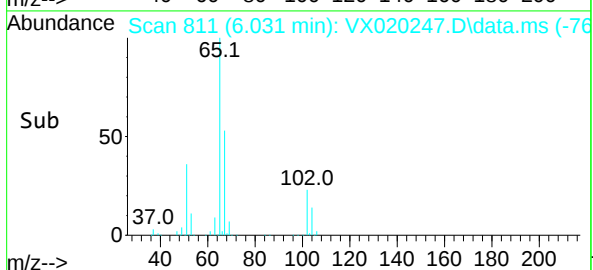
Tgt Ion: 56 Resp: 5162
Ion Ratio Lower Upper
56 100
69 187.9 25.3 37.9#
84 159.7 71.4 107.0#

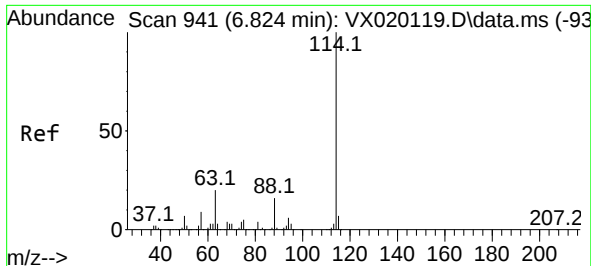


#33
1,2-Dichloroethane-d4
Concen: 49.83 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06



Tgt Ion: 65 Resp: 175539
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.4

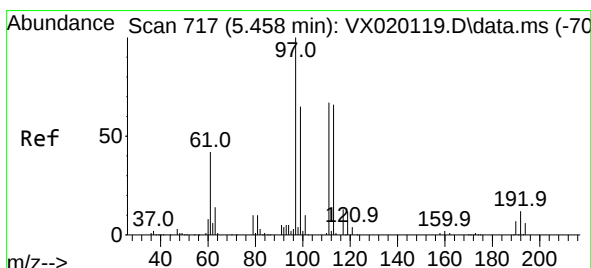
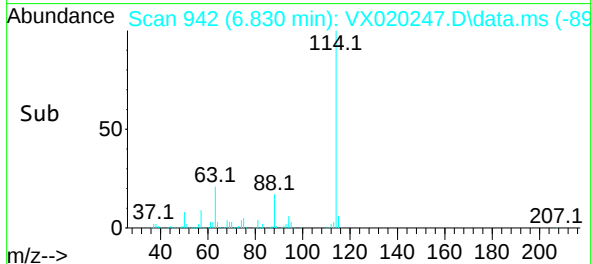
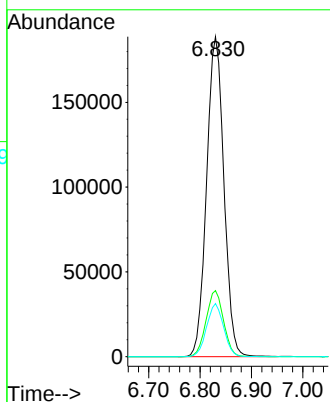
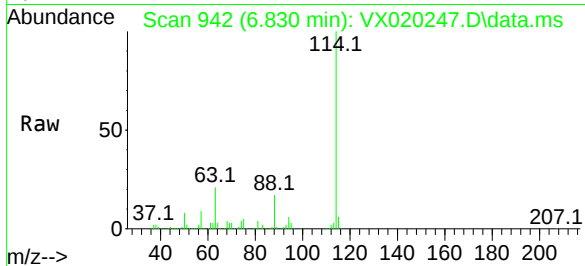




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.006 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

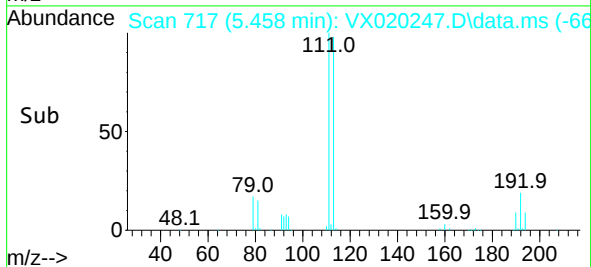
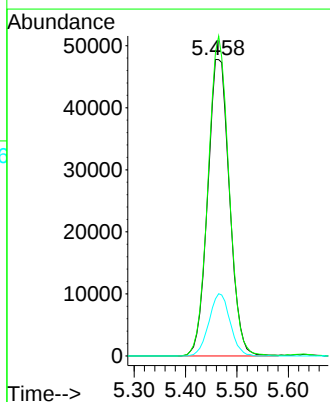
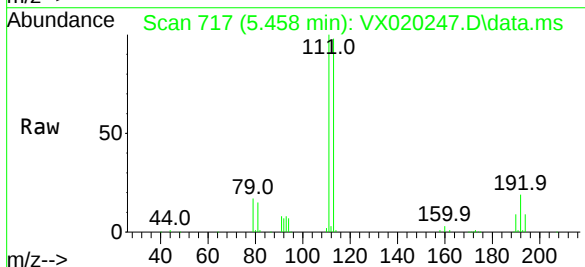
Instrument :
MSVOA_X
ClientSampleId :

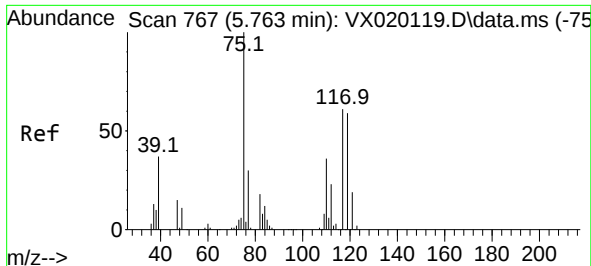
Tgt Ion:114 Resp: 440983
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 16.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.01 ug/l
RT: 5.458 min Scan# 717
Delta R.T. 0.000 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

Tgt Ion:113 Resp: 141070
Ion Ratio Lower Upper
113 100
111 103.3 81.9 122.9
192 20.3 16.7 25.1

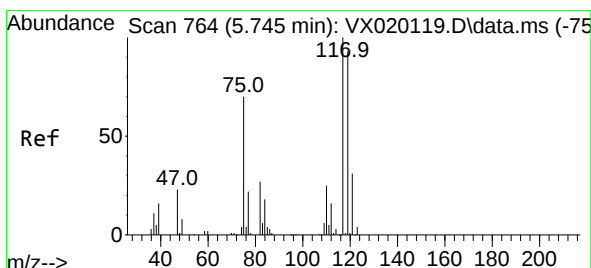
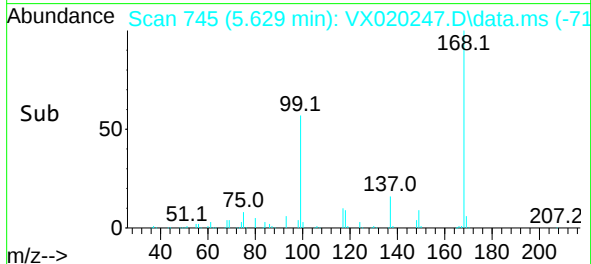
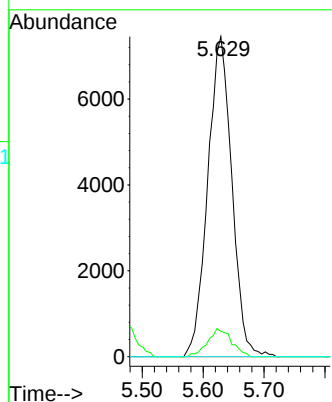
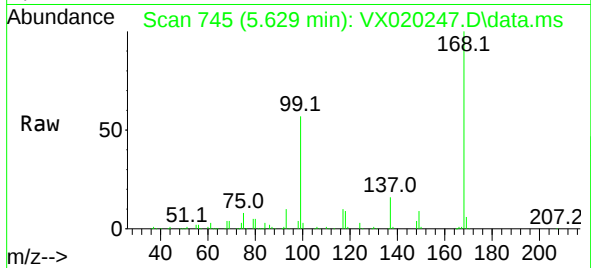




#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.134 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

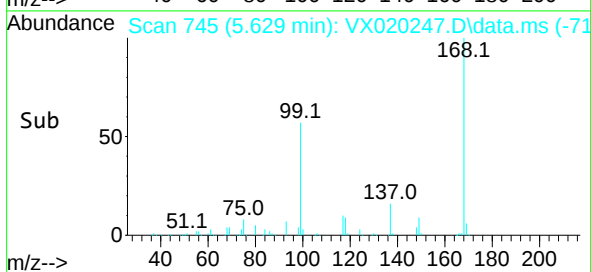
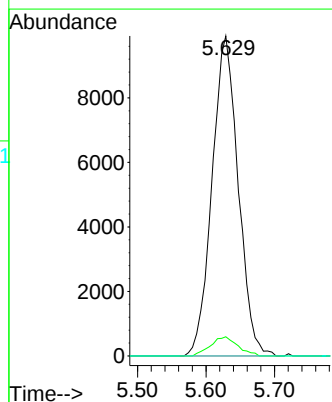
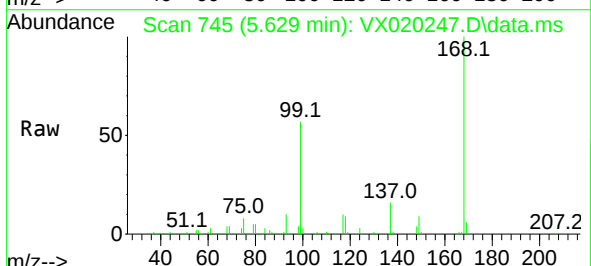
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ClientSampleId :

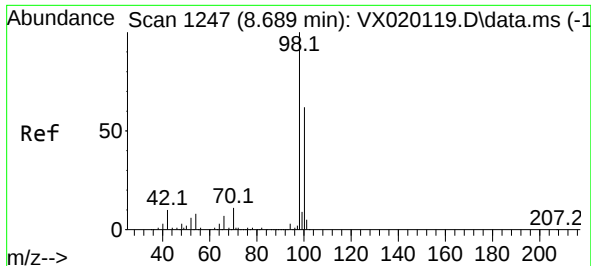
Tgt Ion: 75 Resp: 20490
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.33 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

Tgt Ion: 117 Resp: 26260
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

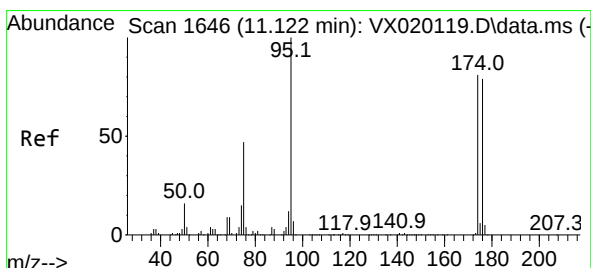
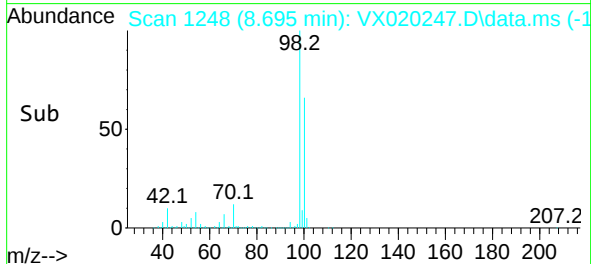
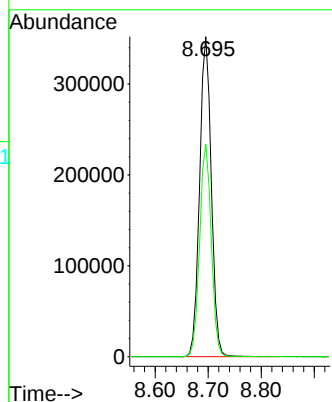
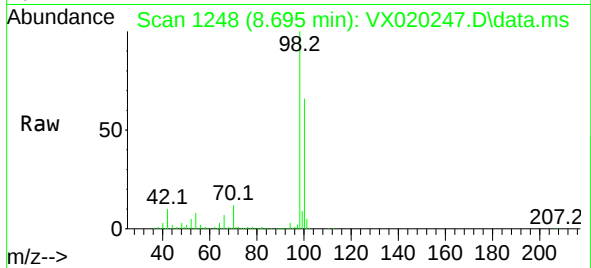




#50
Toluene-d8
Concen: 49.70 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

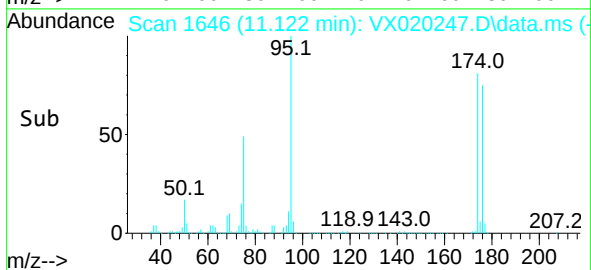
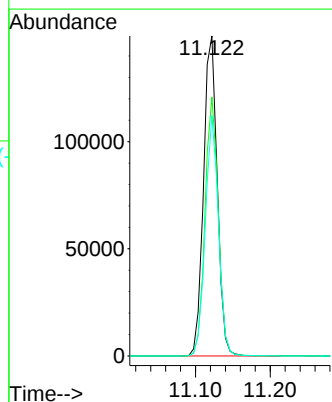
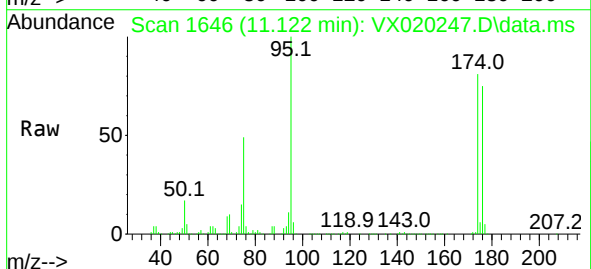
Instrument :
MSVOA_X
ClientSampled :

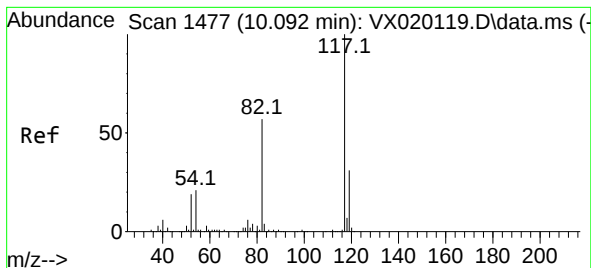
Tgt Ion: 98 Resp: 539684
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.73 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

Tgt Ion: 95 Resp: 190054
Ion Ratio Lower Upper
95 100
174 78.5 0.0 154.6
176 72.0 0.0 155.8

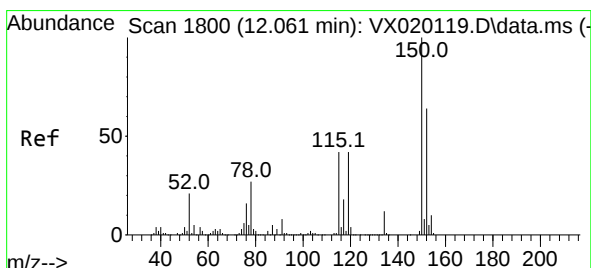
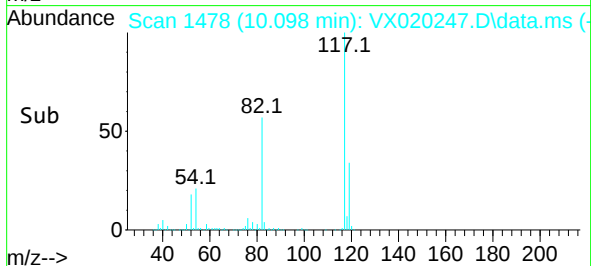
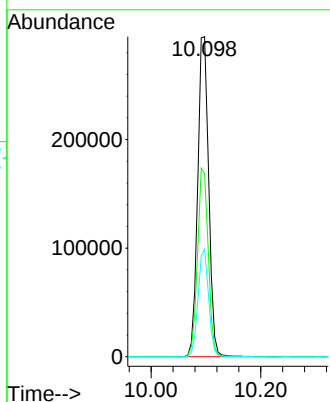
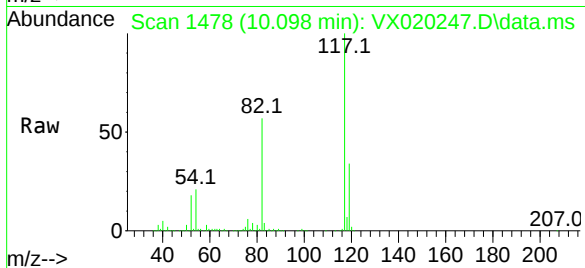




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

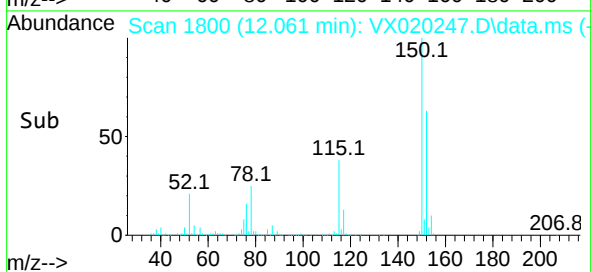
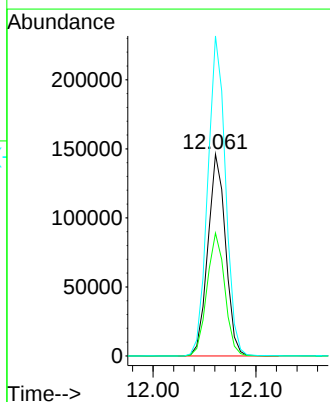
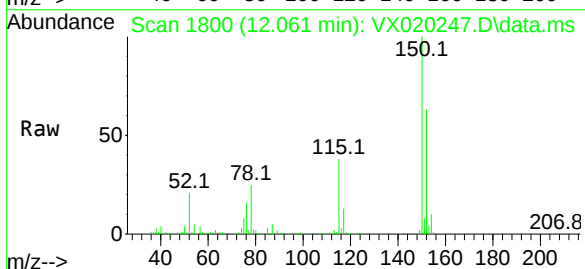
Instrument :
MSVOA_X
ClientSampleId :

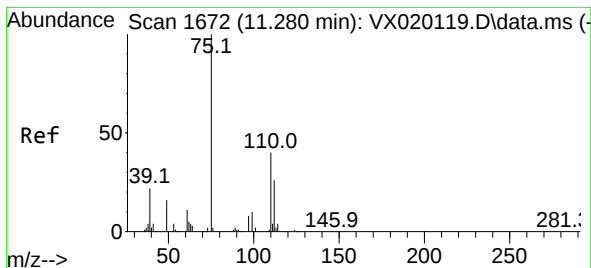
Tgt Ion:117 Resp: 411837
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 33.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

Tgt Ion:152 Resp: 174606
Ion Ratio Lower Upper
152 100
115 61.2 41.1 123.3
150 159.1 0.0 349.0

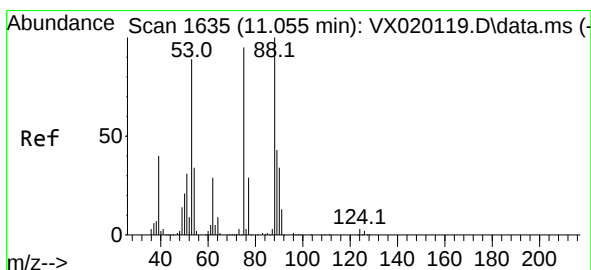
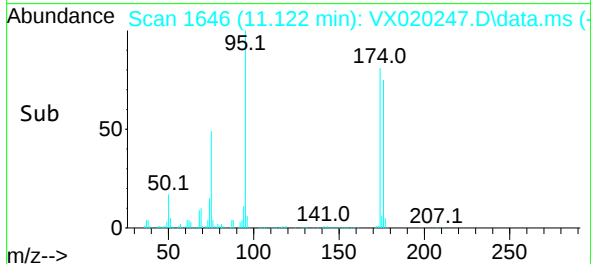
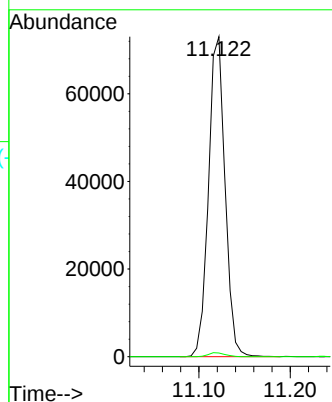
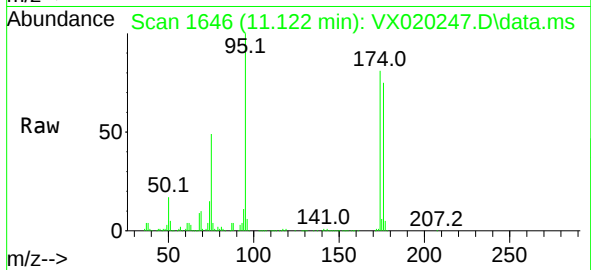




#76
1,2,3-Trichloropropane
Concen: 21.32 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 91707
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.26 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020247.D
Acq: 21 Dec 2020 14:06

Tgt Ion: 75 Resp: 91707
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#

