

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122120\
 Data File : VX020254.D
 Acq On : 21 Dec 2020 16:49
 Operator : JC/MD
 Sample : L5145-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

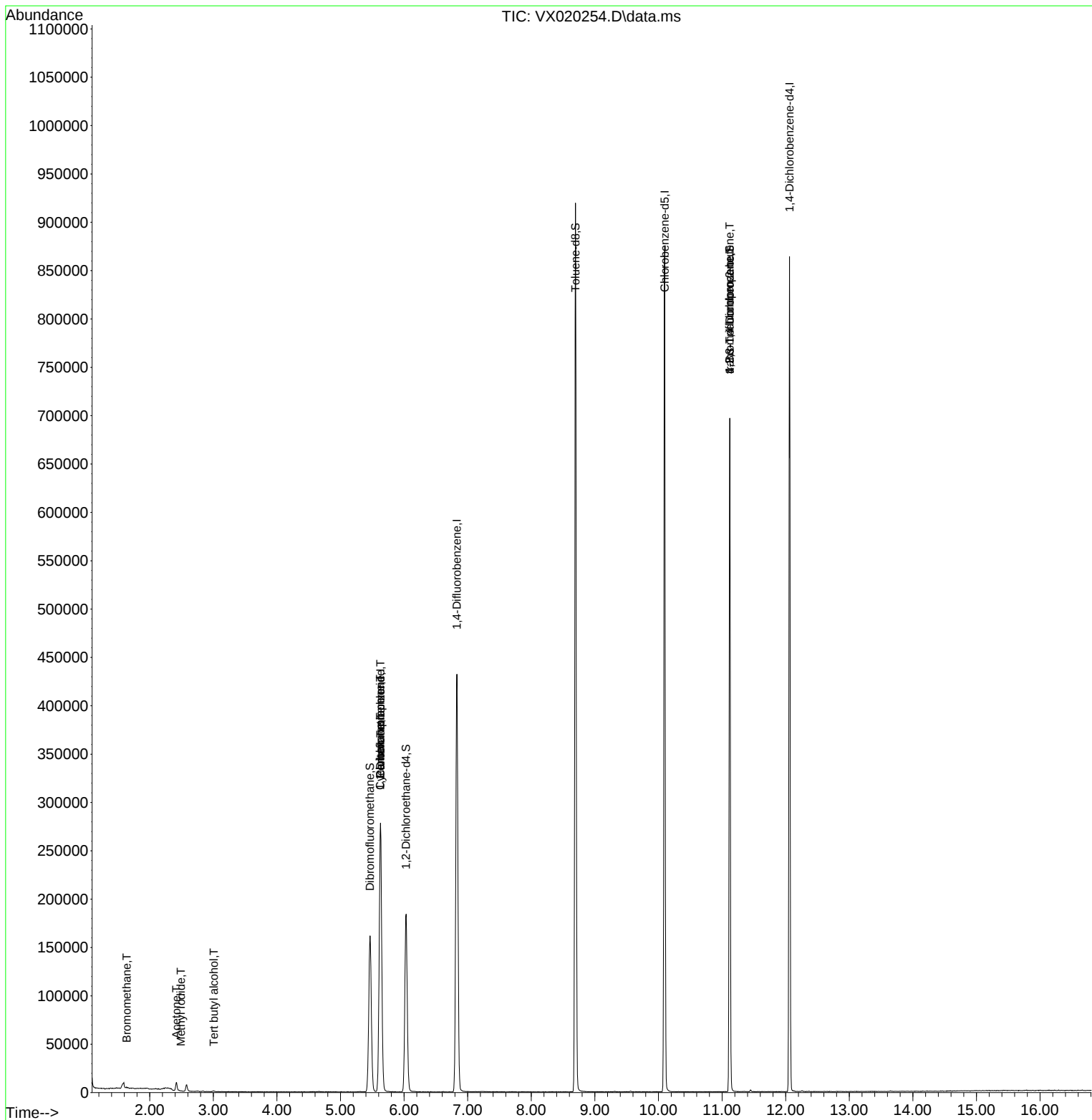
Quant Time: Dec 22 01:34:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

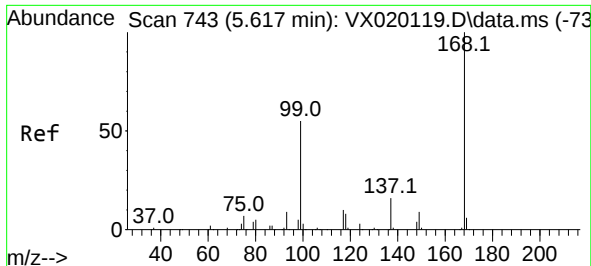
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	260903	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	438867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	410292	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	174225	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	174952	50.03	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 100.06%		
35) Dibromofluoromethane	5.464	113	140937	50.20	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 100.40%		
50) Toluene-d8	8.696	98	543490	50.29	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 100.58%		
62) 4-Bromofluorobenzene	11.122	95	186872	45.18	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 90.36%		
Target Compounds						
						Qvalue
5) Bromomethane	1.636	94	478	0.42	ug/l #	75
10) Methyl Iodide	2.489	142	54	3.30	ug/l #	42
11) Tert butyl alcohol	3.008	59	778	0.99	ug/l #	81
16) Acetone	2.416	43	9365	5.87	ug/l	99
31) Cyclohexane	5.623	56	5102	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	20360	4.69	ug/l #	48
38) Carbon Tetrachloride	5.629	117	26090	6.32	ug/l #	17
76) 1,2,3-Trichloropropane	11.122	75	91290	21.27	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	91290	63.11	ug/l #	12

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

Quant Time: Dec 22 01:34:48 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

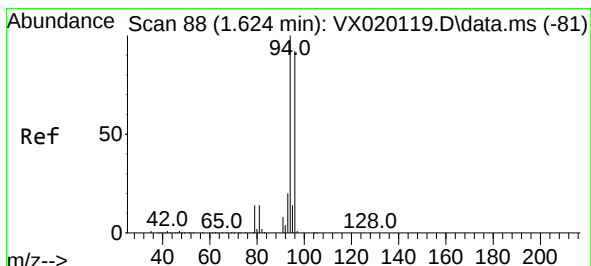
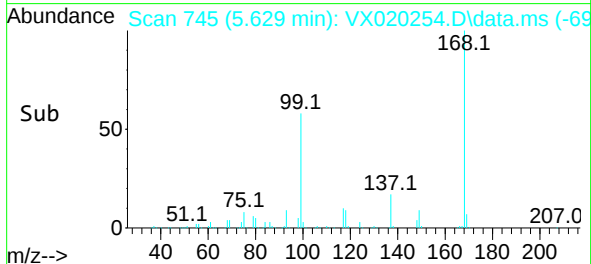
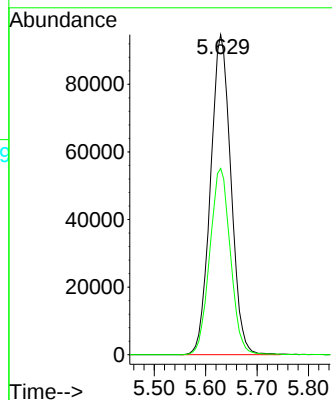
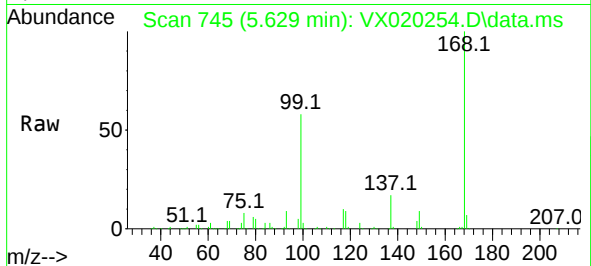




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

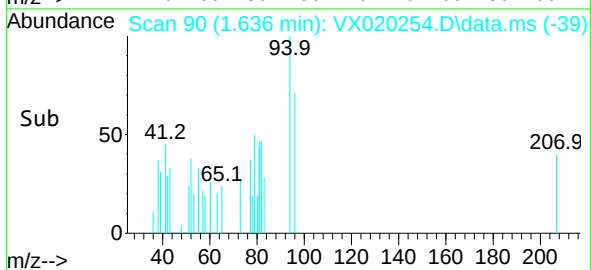
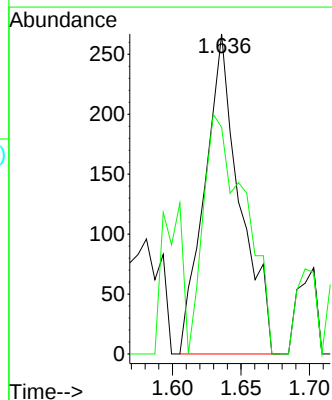
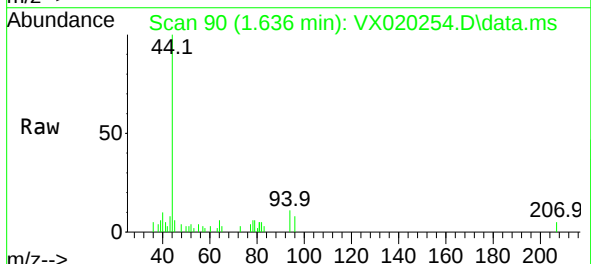
Instrument :
MSVOA_X
ClientSampleId :

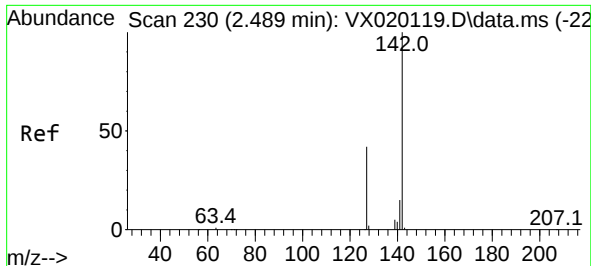
Tgt Ion:168 Resp: 260903
Ion Ratio Lower Upper
168 100
99 58.2 45.8 68.6



#5
Bromomethane
Concen: 0.42 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

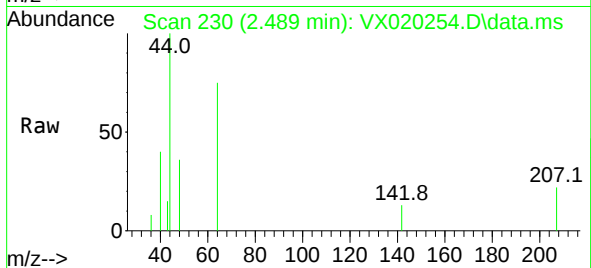
Tgt Ion: 94 Resp: 478
Ion Ratio Lower Upper
94 100
96 70.8 76.4 114.6#



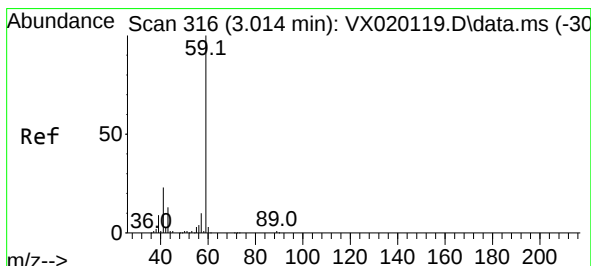
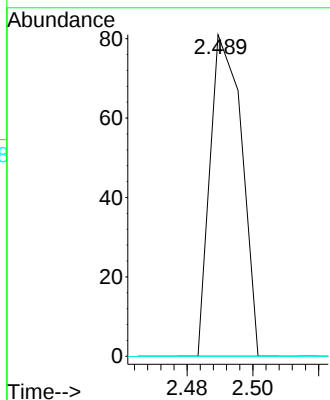
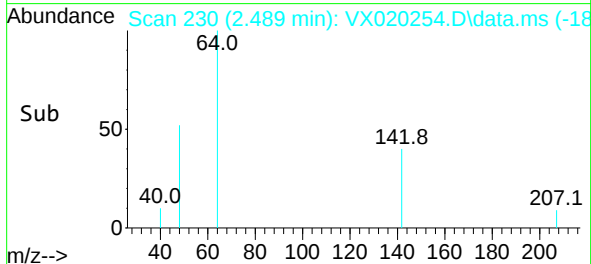


#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 2.489 min Scan# 230
Delta R.T. 0.000 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

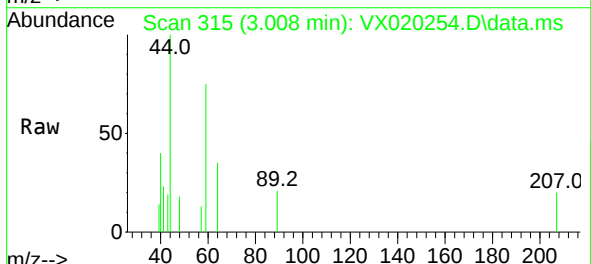
Instrument :
MSVOA_X
ClientSampled :



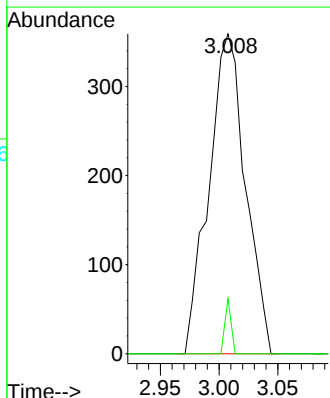
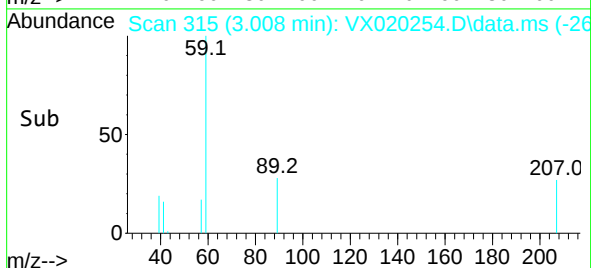
Tgt Ion:142 Resp: 54
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#

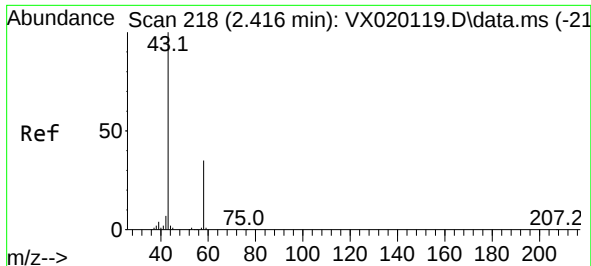


#11
Tert butyl alcohol
Concen: 0.99 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.006 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49



Tgt Ion: 59 Resp: 778
Ion Ratio Lower Upper
59 100
57 3.0 7.8 11.8#

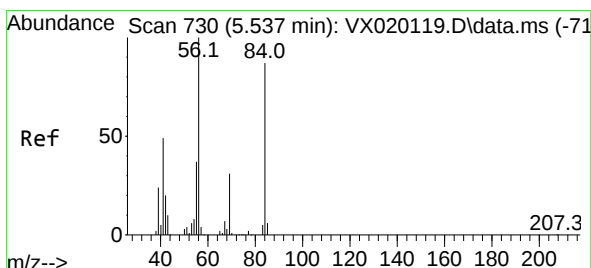
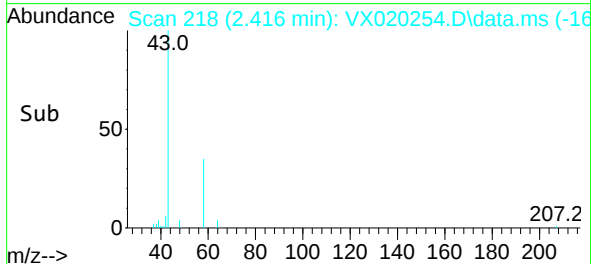
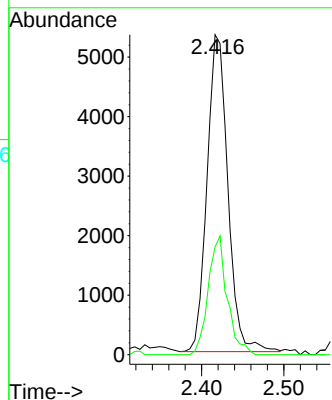
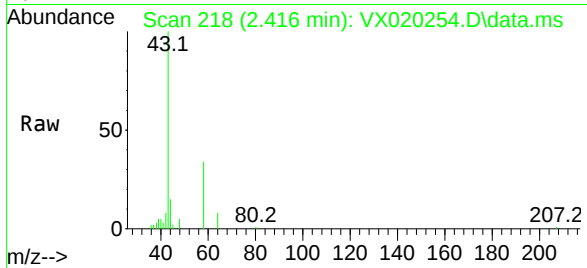




#16
Acetone
Concen: 5.87 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

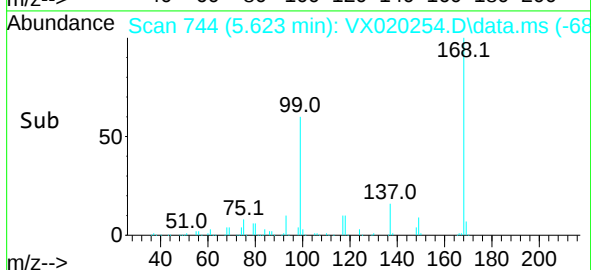
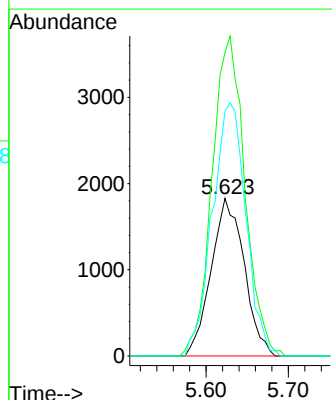
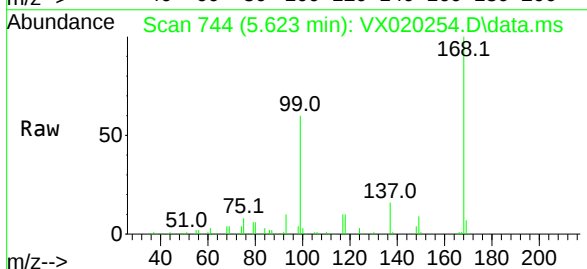
Instrument :
MSVOA_X
ClientSampled :

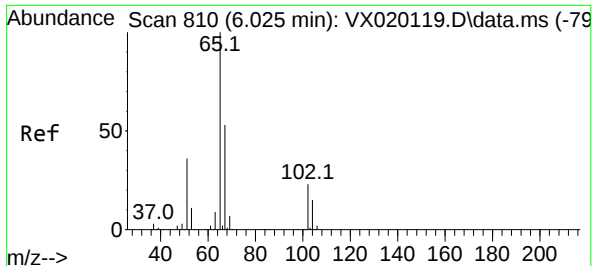
Tgt Ion: 43 Resp: 9365
Ion Ratio Lower Upper
43 100
58 34.0 27.8 41.8



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

Tgt Ion: 56 Resp: 5102
Ion Ratio Lower Upper
56 100
69 192.7 25.3 37.9#
84 155.6 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.03 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

Lab File: VX020254.D

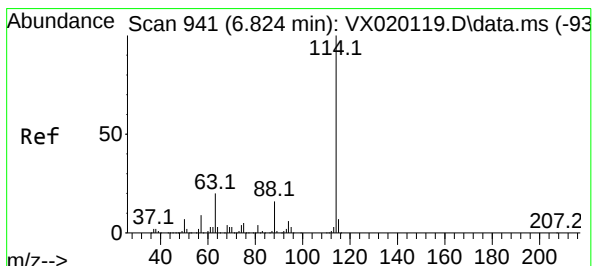
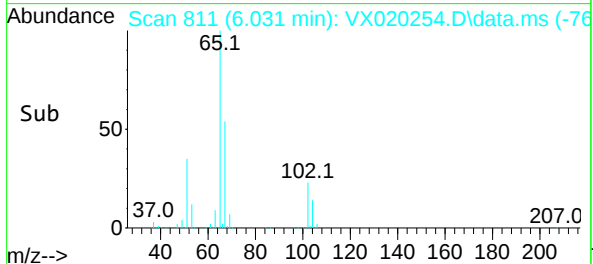
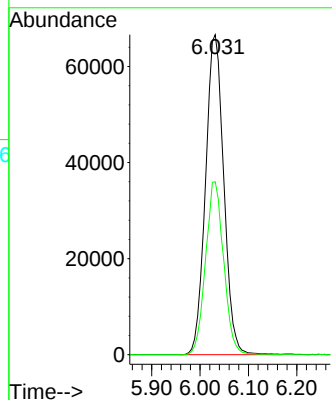
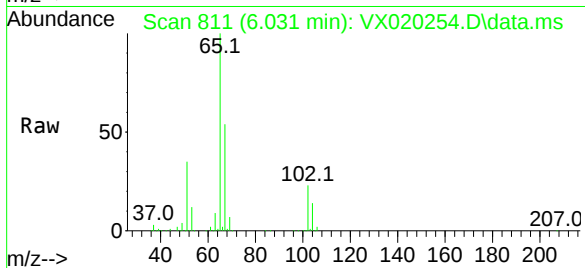
Acq: 21 Dec 2020 16:49

Tgt Ion: 65 Resp: 174952

Ion Ratio Lower Upper

65 100

67 53.7 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: VX020254.D

Acq: 21 Dec 2020 16:49

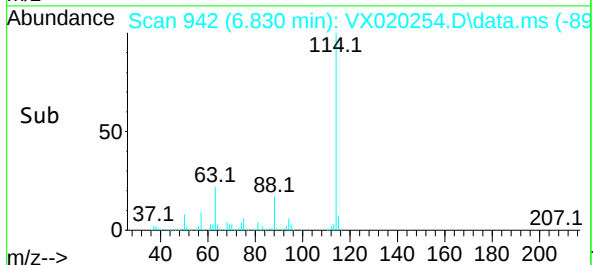
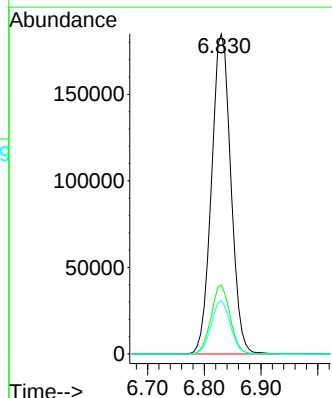
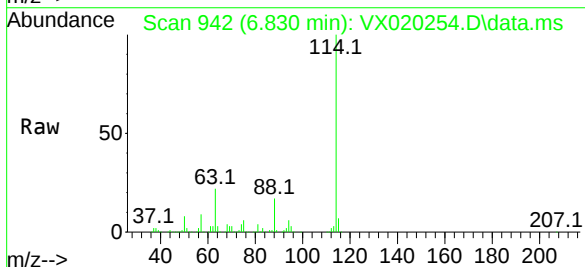
Tgt Ion: 114 Resp: 438867

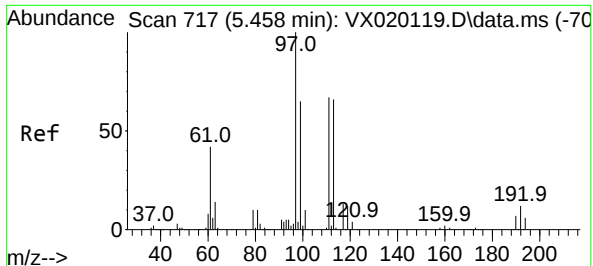
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.8

88 16.6 0.0 32.8

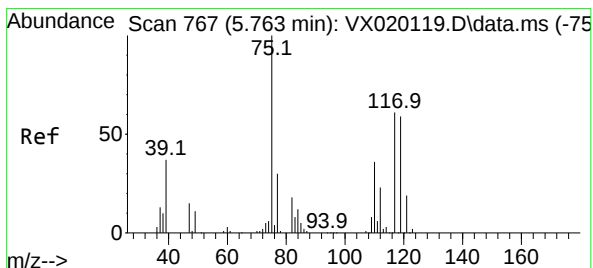
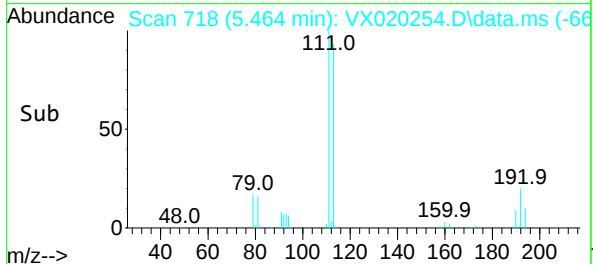
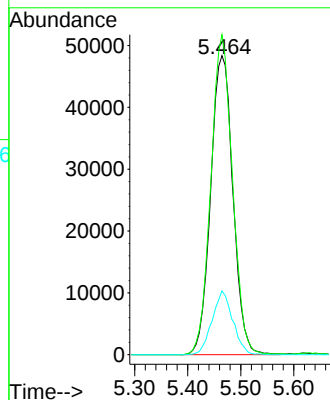
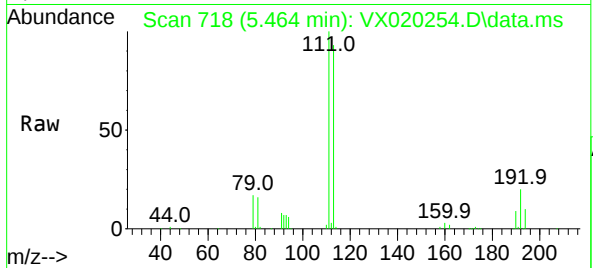




#35
Dibromofluoromethane
Concen: 50.20 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

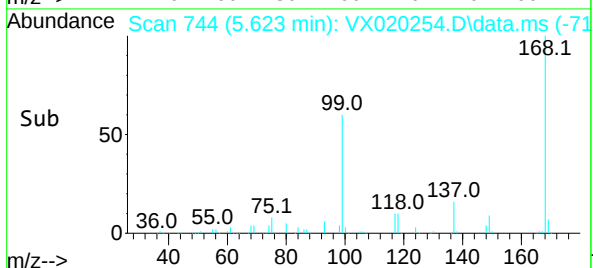
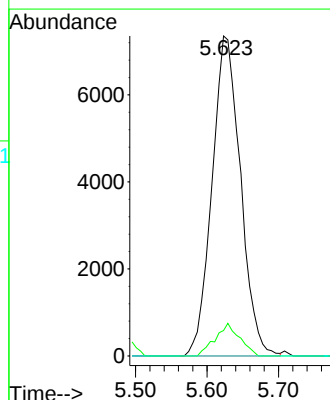
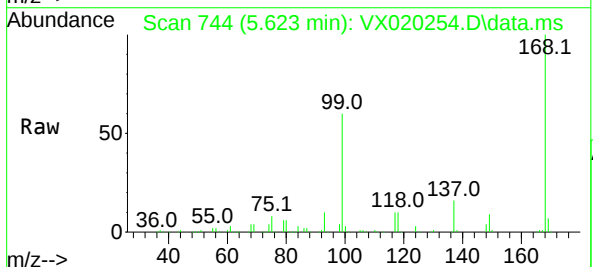
Instrument :
MSVOA_X
ClientSampleId :

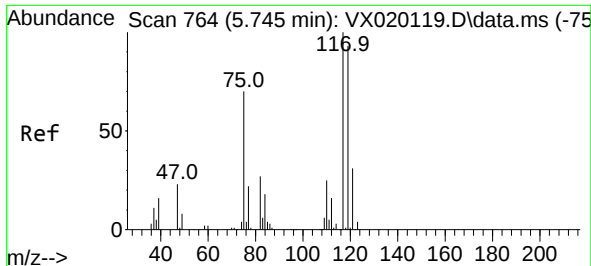
Tgt Ion:113 Resp: 140937
Ion Ratio Lower Upper
113 100
111 104.0 81.9 122.9
192 19.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.140 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

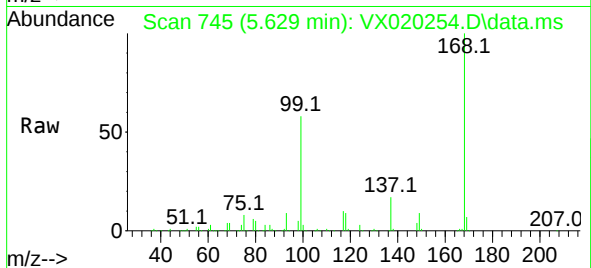
Tgt Ion: 75 Resp: 20360
Ion Ratio Lower Upper
75 100
110 8.7 18.1 54.4#
77 0.0 25.3 37.9#



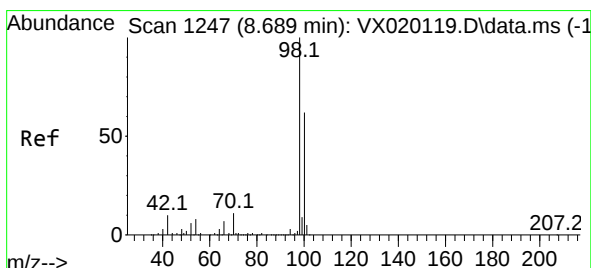
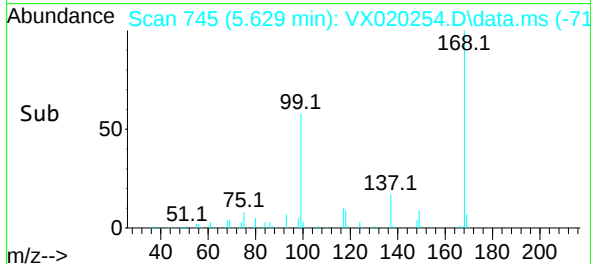
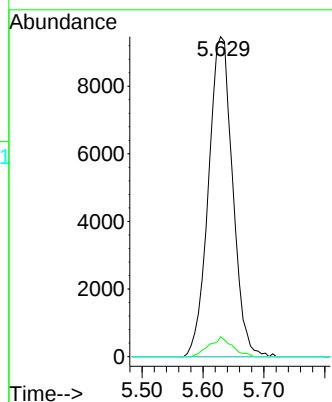


#38
Carbon Tetrachloride
Concen: 6.32 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.116 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

Instrument :
MSVOA_X
ClientSampleId :

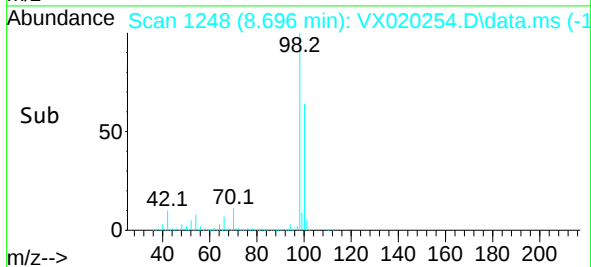
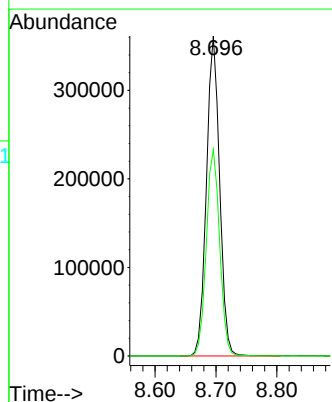
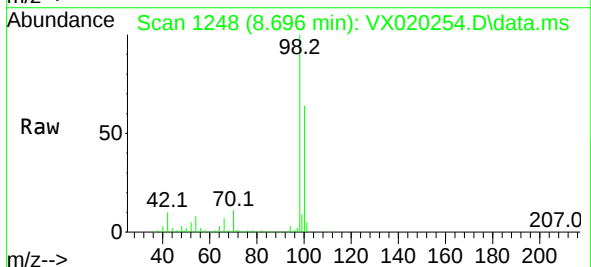


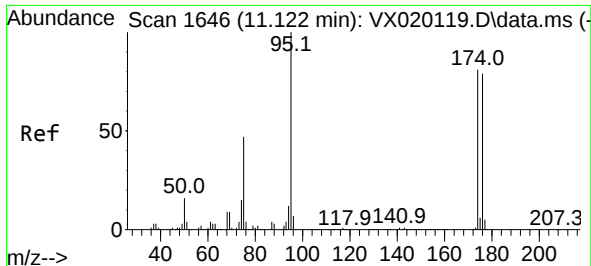
Tgt Ion:117 Resp: 26090
Ion Ratio Lower Upper
117 100
119 6.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.29 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.007 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

Tgt Ion: 98 Resp: 543490
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

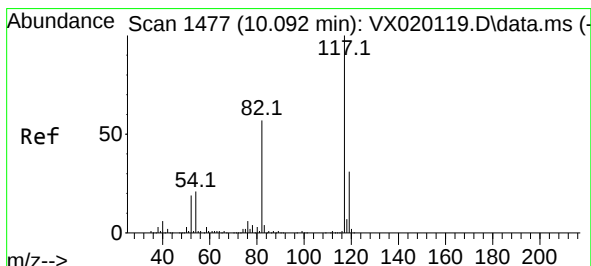
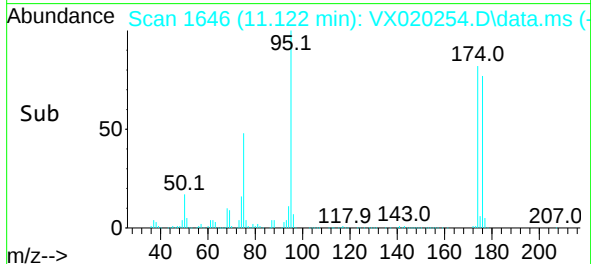
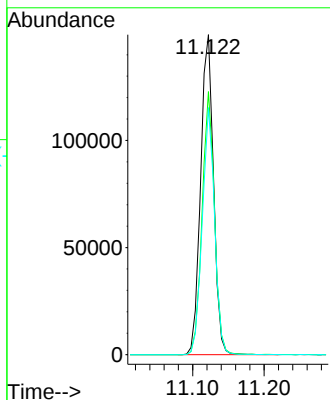
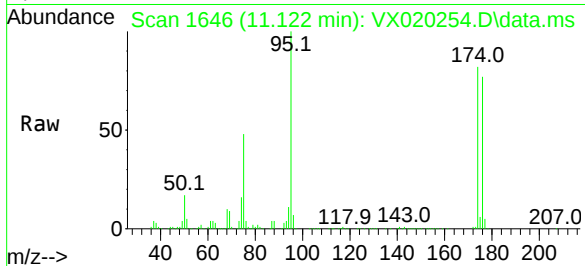




#62
4-Bromofluorobenzene
Concen: 45.18 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

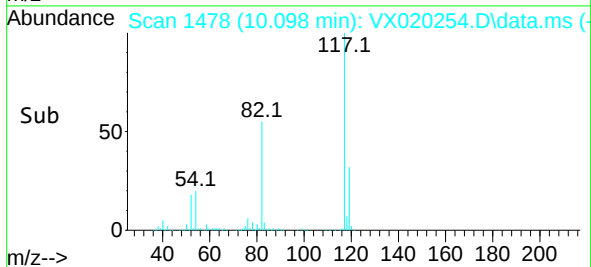
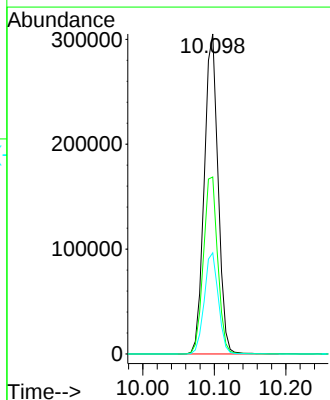
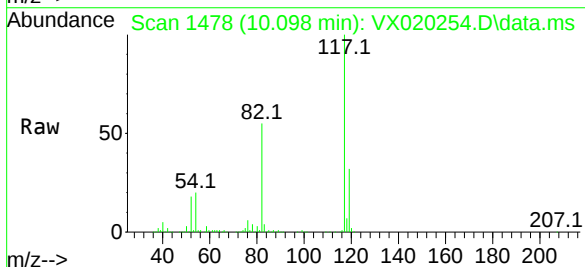
Instrument :
MSVOA_X
ClientSampleId :

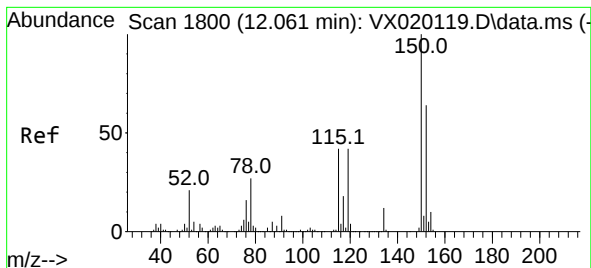
Tgt Ion: 95 Resp: 186872
Ion Ratio Lower Upper
95 100
174 78.6 0.0 154.6
176 73.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

Tgt Ion: 117 Resp: 410292
Ion Ratio Lower Upper
117 100
82 55.3 47.4 71.2
119 31.6 26.6 39.8

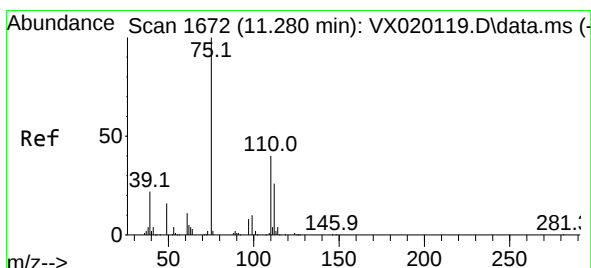
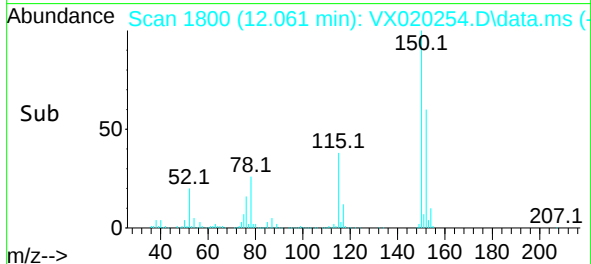
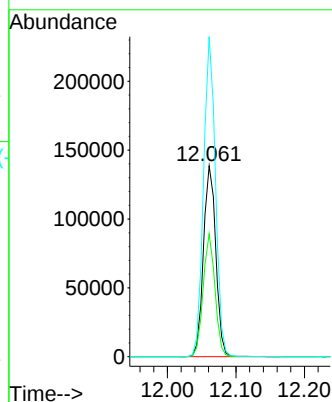
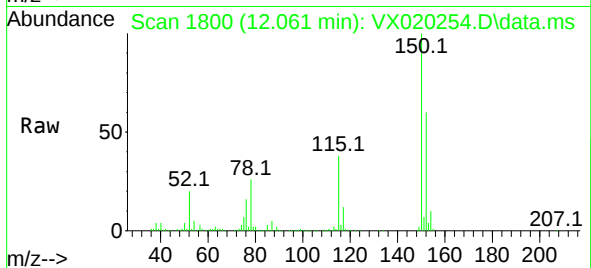




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

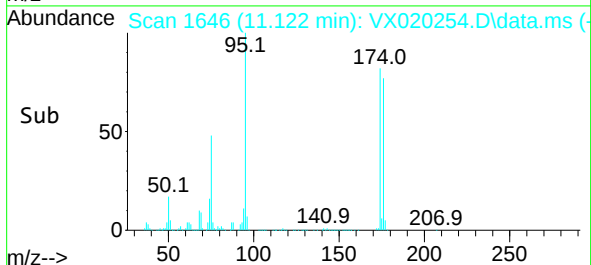
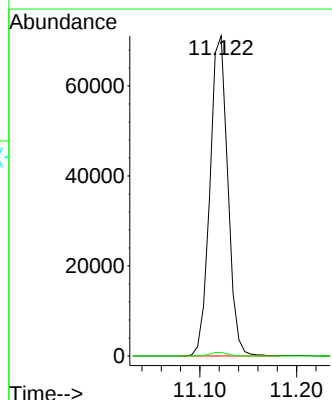
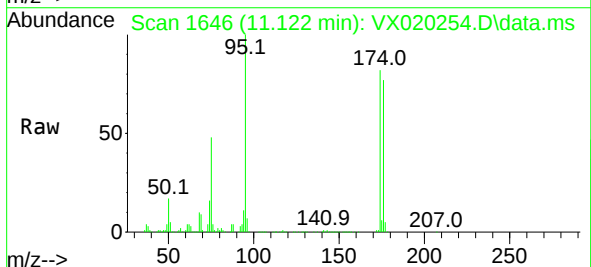
Instrument :
MSVOA_X
ClientSampled :

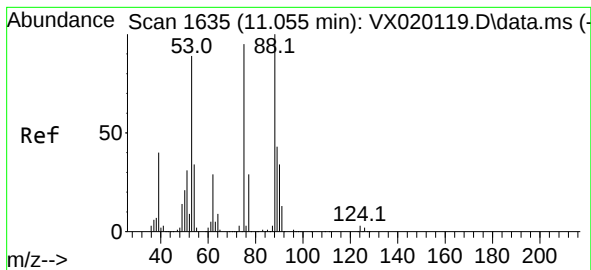
Tgt Ion:152 Resp: 174225
Ion Ratio Lower Upper
152 100
115 61.6 41.1 123.3
150 161.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.27 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020254.D
Acq: 21 Dec 2020 16:49

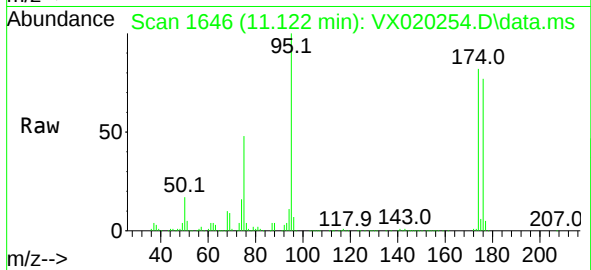
Tgt Ion: 75 Resp: 91290
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.11 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020254.D
 Acq: 21 Dec 2020 16:49

Instrument :
 MSVOA_X
 ClientSampleId :



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

