

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121920\
 Data File : VX020202.D
 Acq On : 20 Dec 2020 04:00
 Operator : JC/MD
 Sample : L5095-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5350-121420

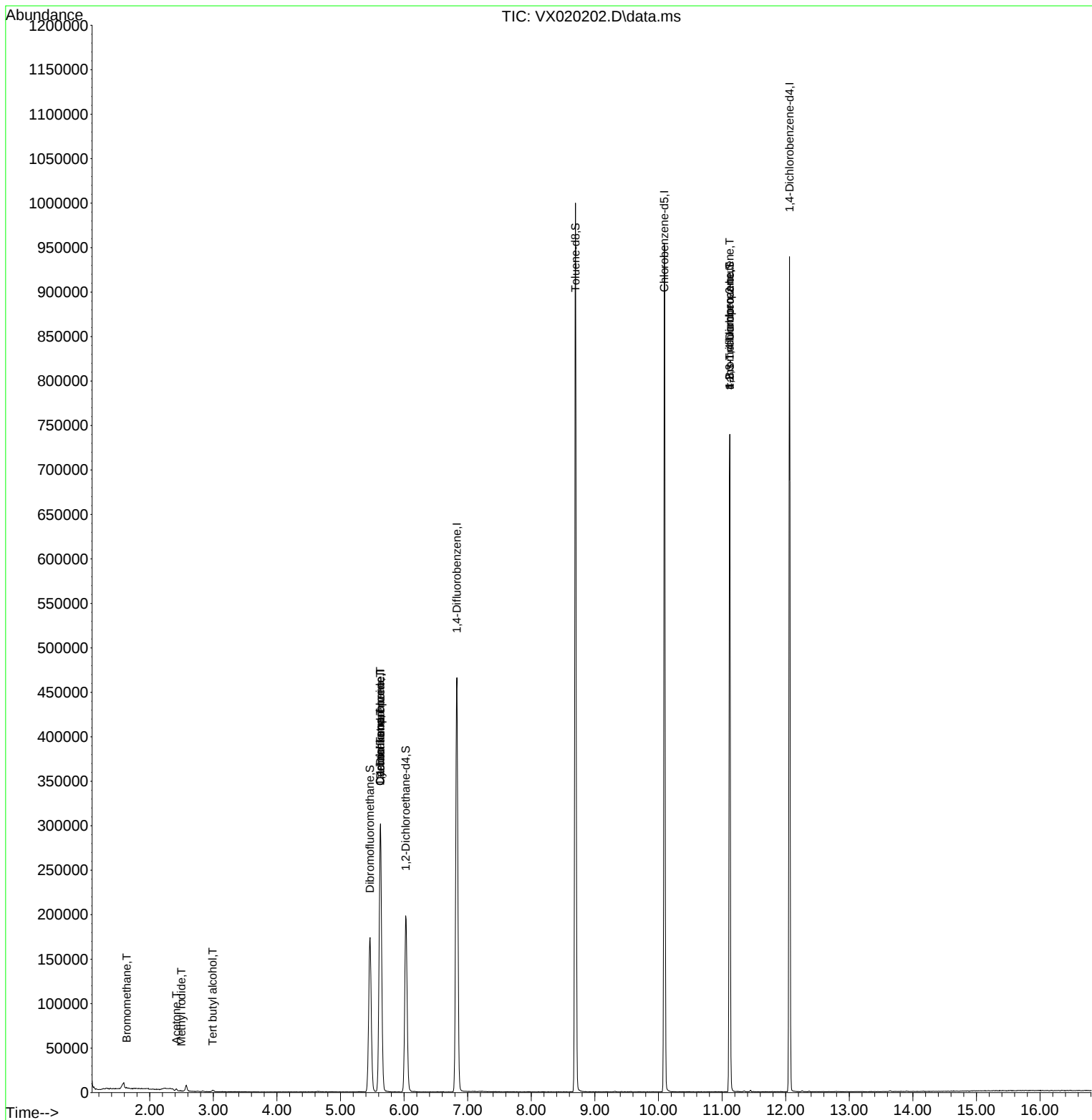
Quant Time: Dec 21 02:43:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 18 13:09:49 2020
 Response via : Initial Calibration

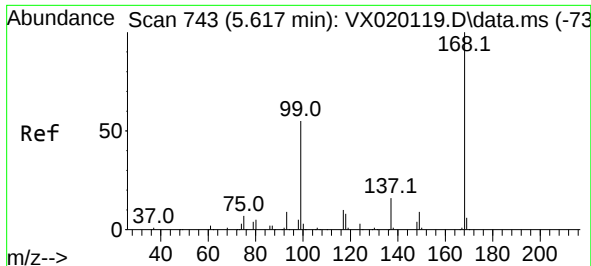
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	281179	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.830	114	478100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	444615	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	189060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	188630	50.05	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.10%
35) Dibromofluoromethane	5.464	113	150551	49.23	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.46%
50) Toluene-d8	8.695	98	584440	49.64	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.28%
62) 4-Bromofluorobenzene	11.122	95	205536	45.62	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.24%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	751	0.61	ug/l #	79
10) Methyl Iodide	2.495	142	460	3.40	ug/l #	82
11) Tert butyl alcohol	2.989	59	1105	1.31	ug/l #	73
16) Acetone	2.416	43	1853	1.08	ug/l	94
31) Cyclohexane	5.623	56	5716	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22441	4.75	ug/l #	48
38) Carbon Tetrachloride	5.623	117	27886	6.20	ug/l #	18
76) 1,2,3-Trichloropropane	11.122	75	98255	21.10	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	98255	62.59	ug/l #	12

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

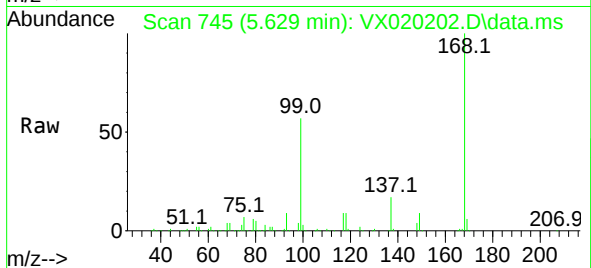
Quant Time: Dec 21 02:43:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121820W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 18 13:09:49 2020
Response via : Initial Calibration



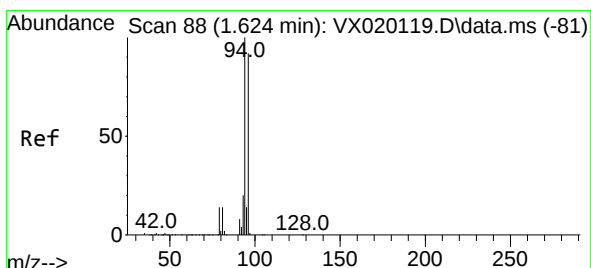
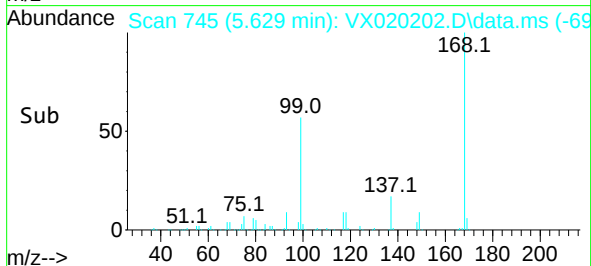
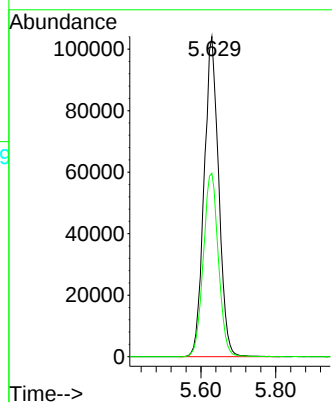


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.012 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

Instrument :
MSVOA_X
ClientSampleId :
39-5350-121420

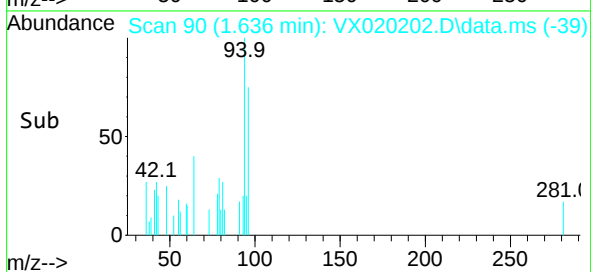
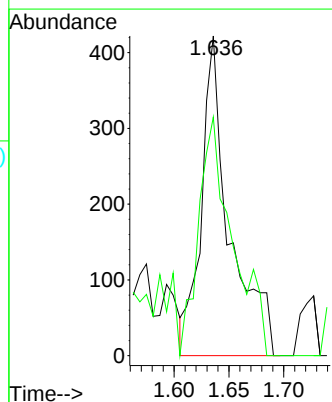
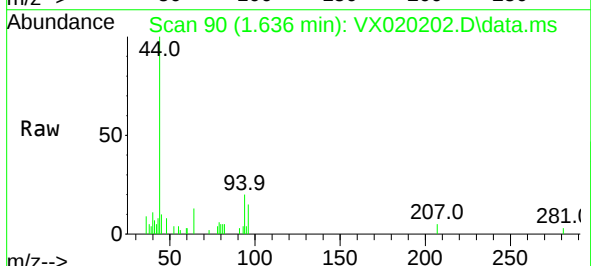


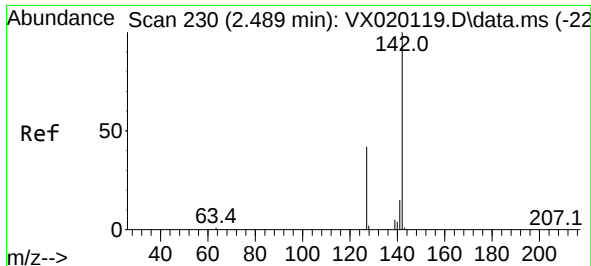
Tgt Ion:168 Resp: 281179
Ion Ratio Lower Upper
168 100
99 57.4 45.8 68.6



#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

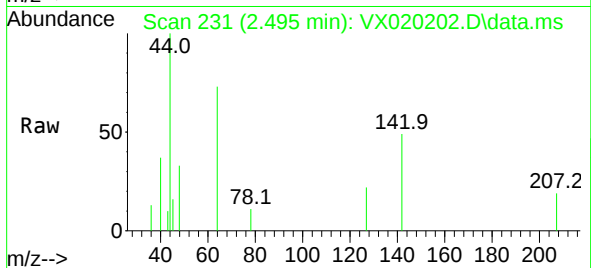
Tgt Ion: 94 Resp: 751
Ion Ratio Lower Upper
94 100
96 74.6 76.4 114.6#



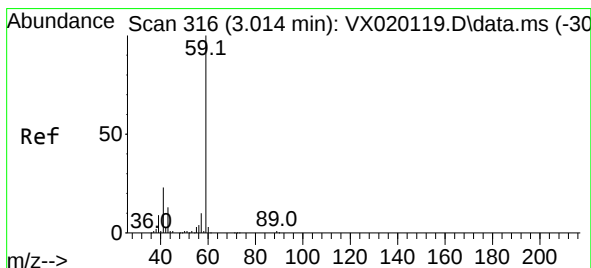
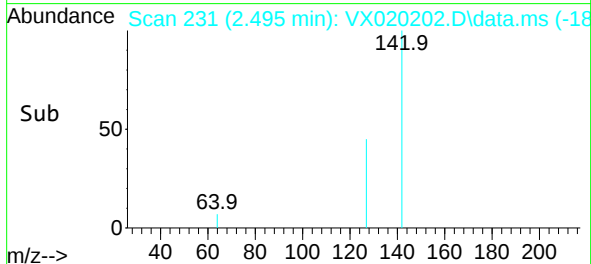
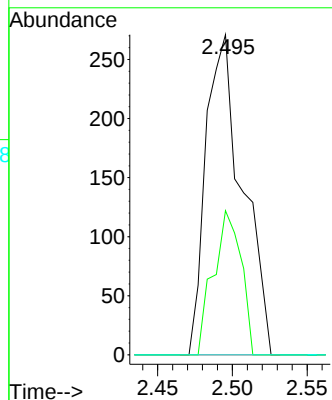


#10
Methyl Iodide
Concen: 3.40 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

Instrument :
MSVOA_X
ClientSampleId :
39-5350-121420

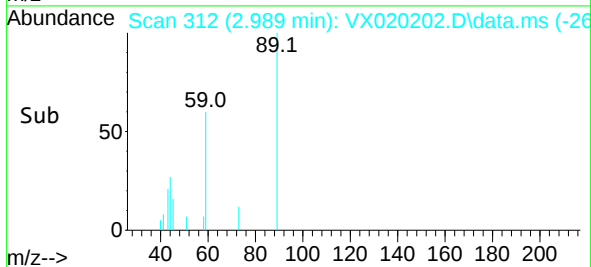
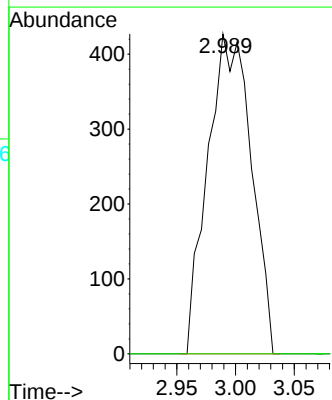
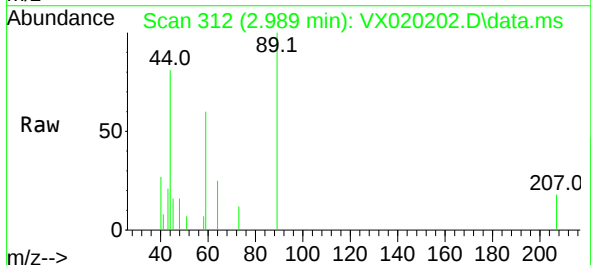


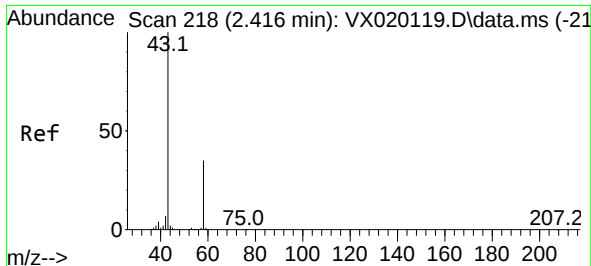
Tgt Ion:142 Resp: 460
Ion Ratio Lower Upper
142 100
127 34.1 33.3 49.9
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.31 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.025 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

Tgt Ion: 59 Resp: 1105
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

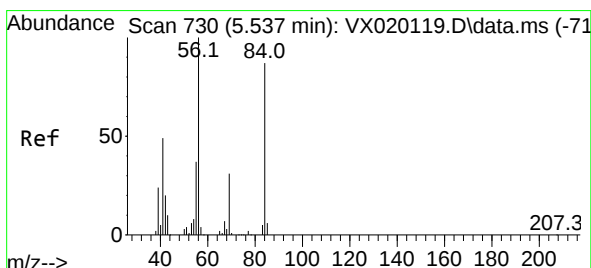
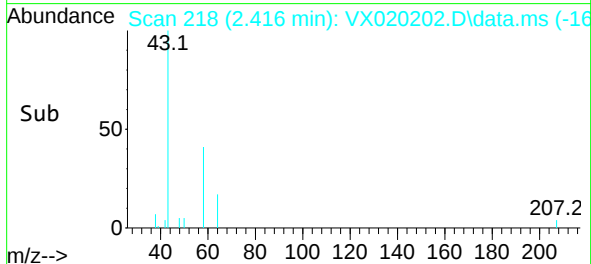
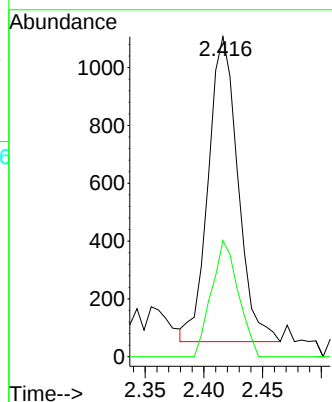
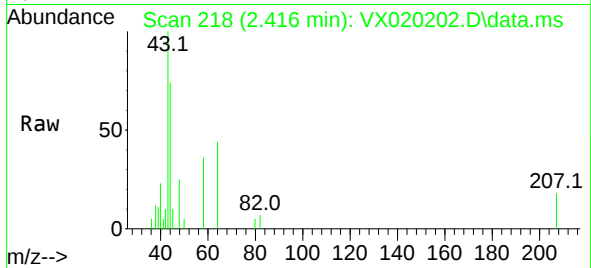




#16
Acetone
Concen: 1.08 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

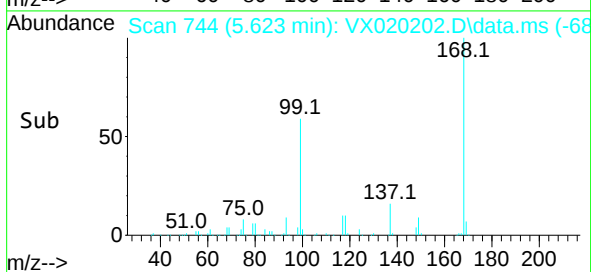
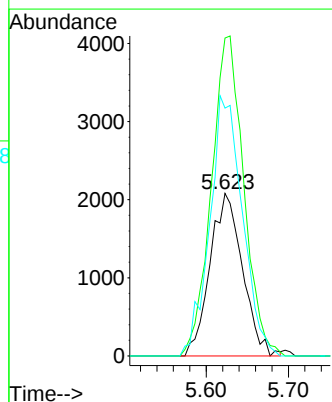
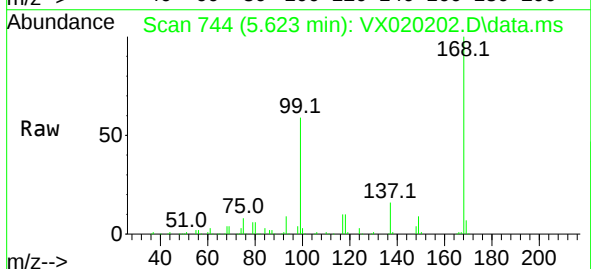
Instrument :
MSVOA_X
ClientSampleId :
39-5350-121420

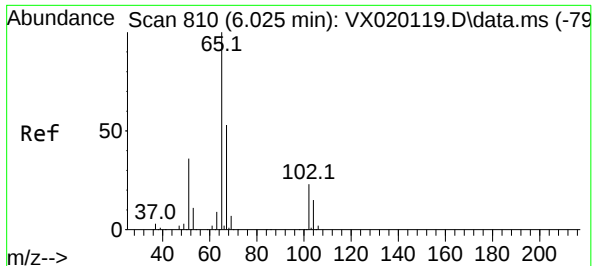
Tgt Ion: 43 Resp: 1853
Ion Ratio Lower Upper
43 100
58 38.1 27.8 41.8



#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.086 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

Tgt Ion: 56 Resp: 5716
Ion Ratio Lower Upper
56 100
69 195.7 25.3 37.9#
84 152.5 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 50.05 ug/l

RT: 6.025 min Scan# 810

Delta R.T. 0.000 min

Lab File: VX020202.D

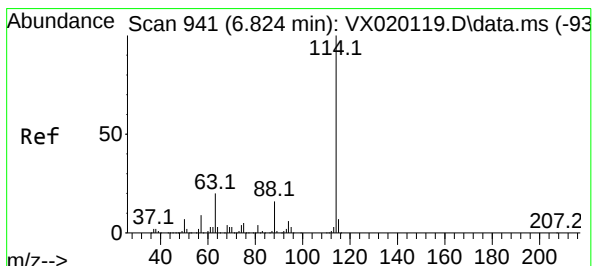
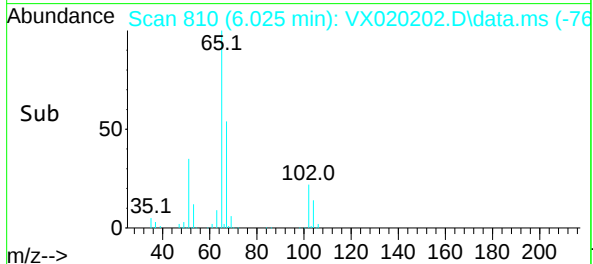
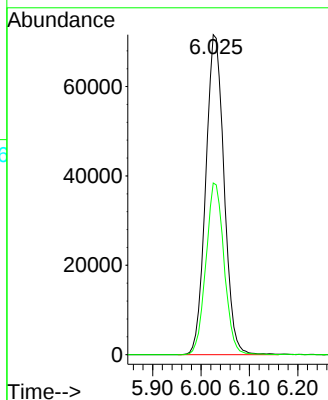
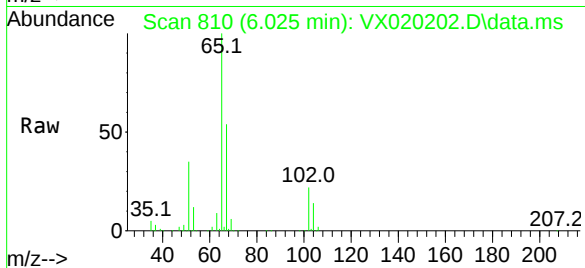
Acq: 20 Dec 2020 04:00

Tgt Ion: 65 Resp: 188630

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: VX020202.D

Acq: 20 Dec 2020 04:00

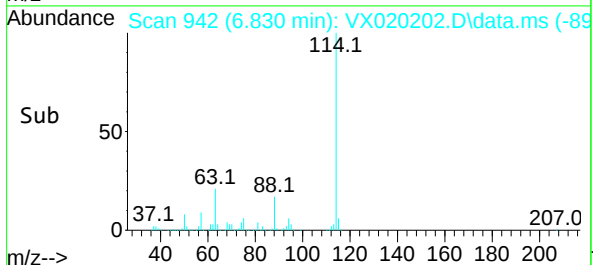
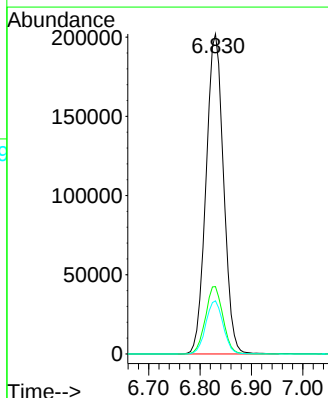
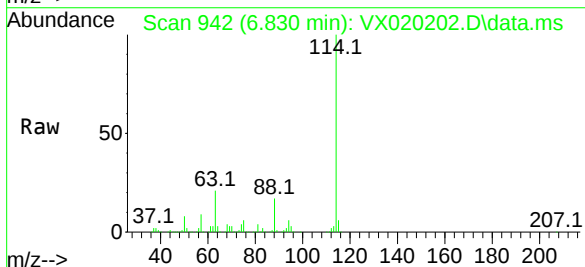
Tgt Ion: 114 Resp: 478100

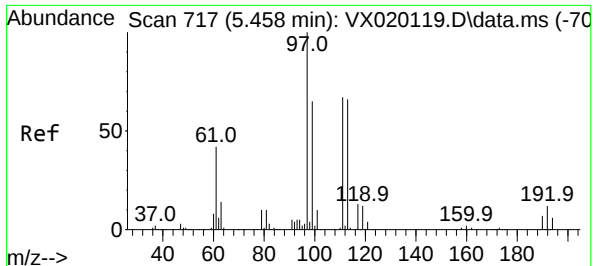
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 49.23 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.006 min

Lab File: VX020202.D

Acq: 20 Dec 2020 04:00

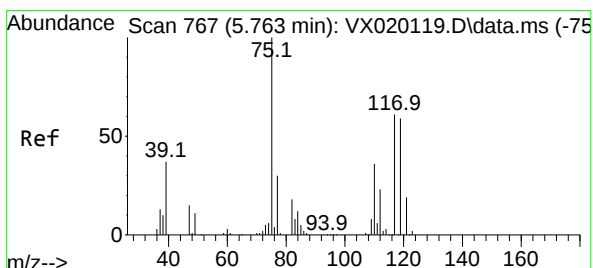
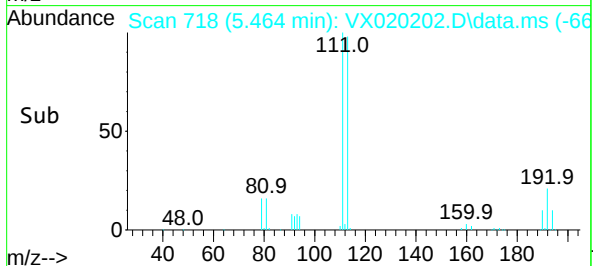
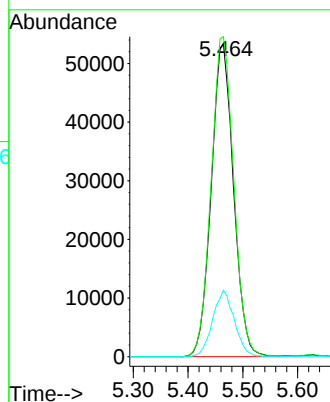
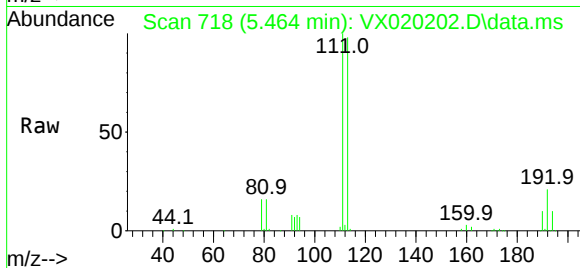
Tgt Ion:113 Resp: 150551

Ion Ratio Lower Upper

113 100

111 103.7 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: VX020202.D

Acq: 20 Dec 2020 04:00

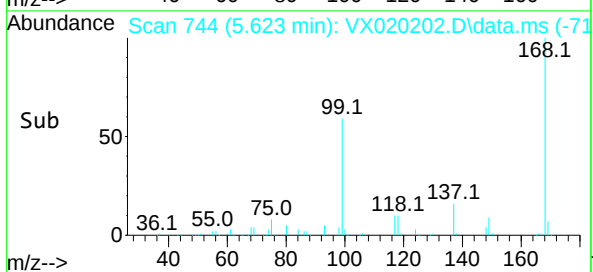
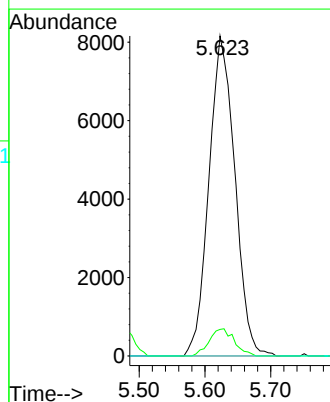
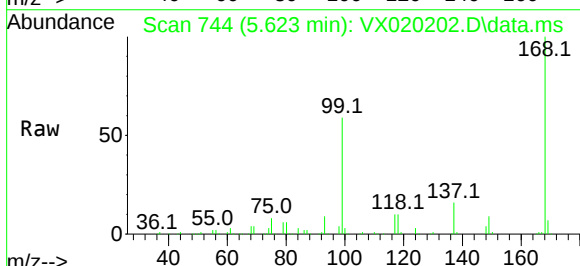
Tgt Ion: 75 Resp: 22441

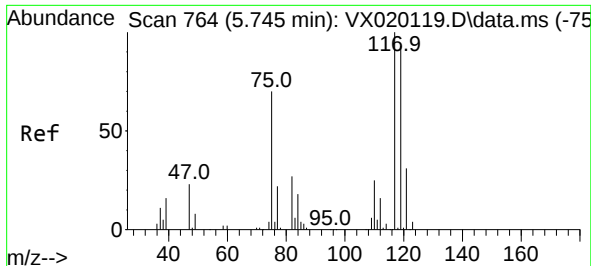
Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.4#

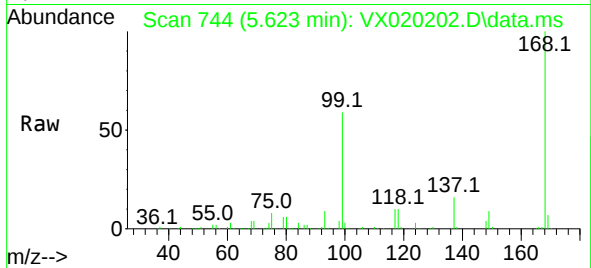
77 0.0 25.3 37.9#



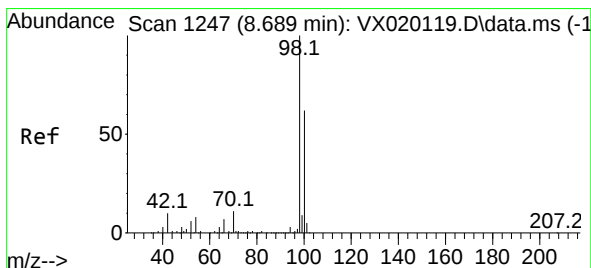
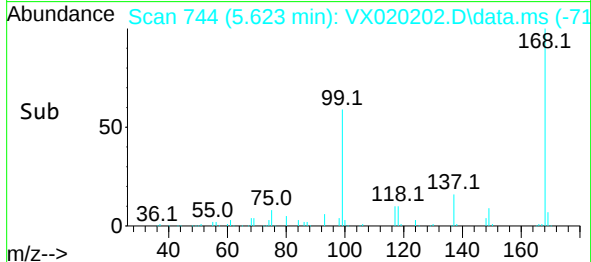
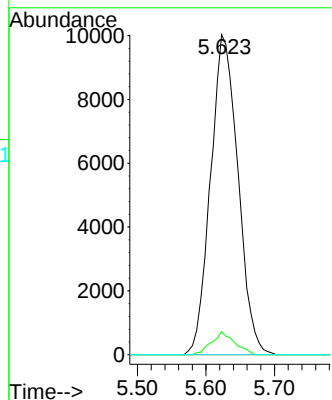


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.122 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

Instrument :
MSVOA_X
ClientSampleId :
39-5350-121420

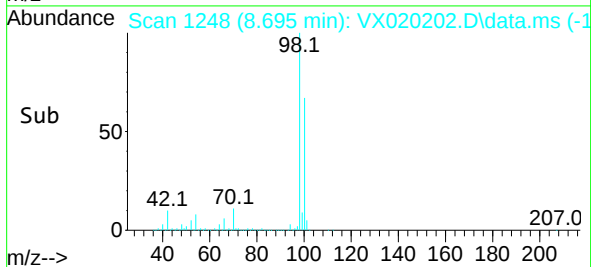
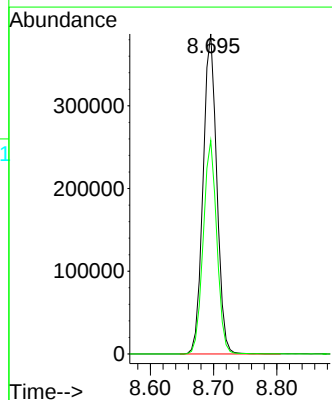
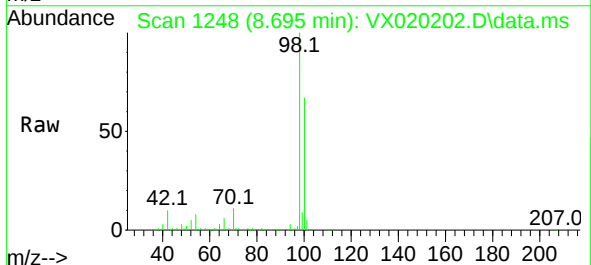


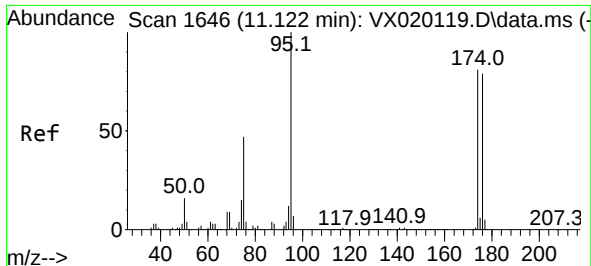
Tgt Ion:117 Resp: 27886
Ion Ratio Lower Upper
117 100
119 7.2 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.64 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.006 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

Tgt Ion: 98 Resp: 584440
Ion Ratio Lower Upper
98 100
100 66.0 51.9 77.9

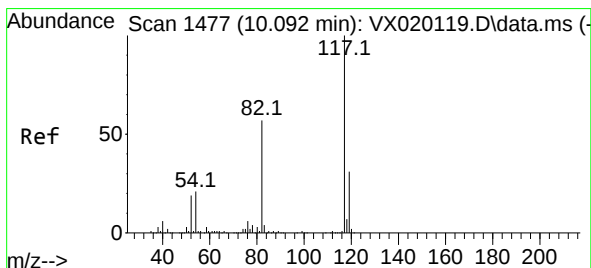
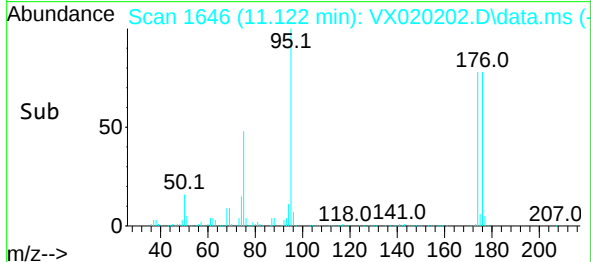
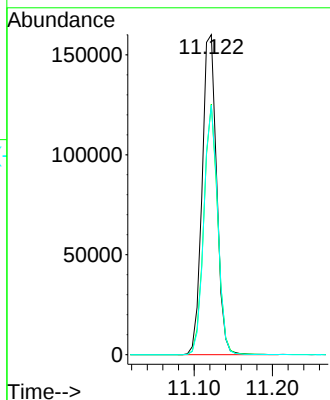
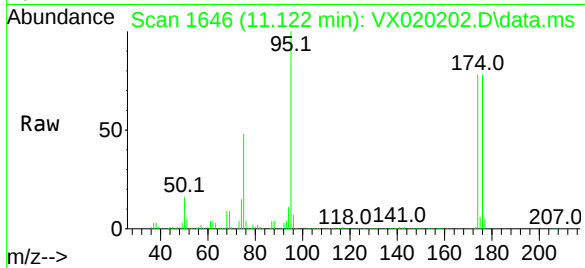




#62
4-Bromofluorobenzene
Concen: 45.62 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

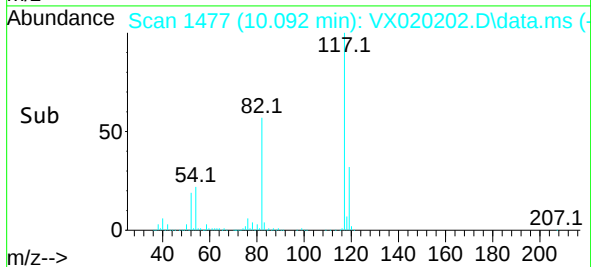
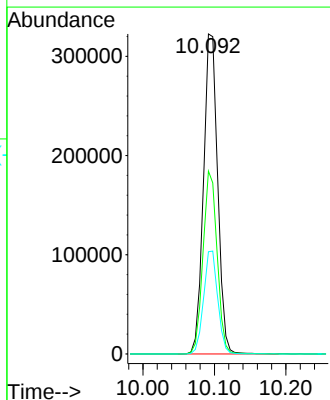
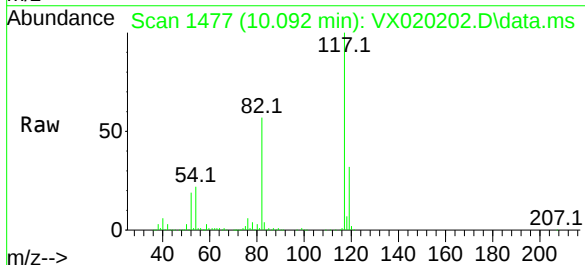
Instrument :
MSVOA_X
ClientSampleId :
39-5350-121420

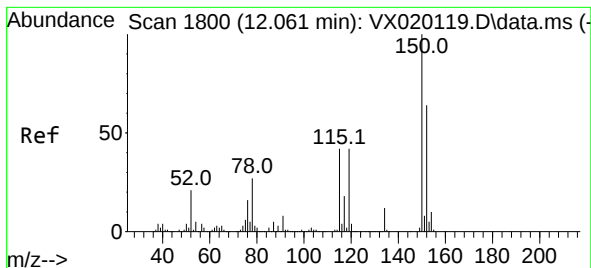
Tgt Ion:	95	Resp:	205536
Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	154.6
176	74.5	0.0	155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

Tgt Ion:	117	Resp:	444615
Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.4	71.2
119	31.9	26.6	39.8

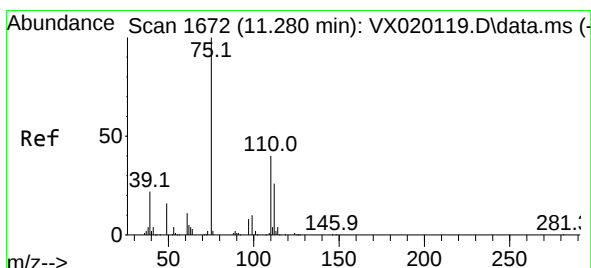
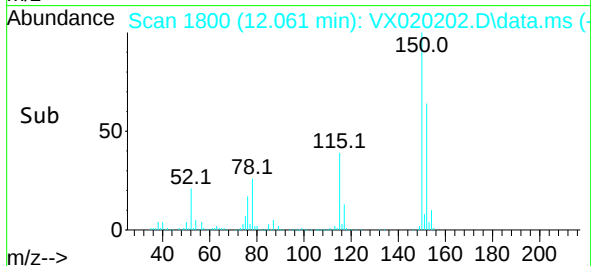
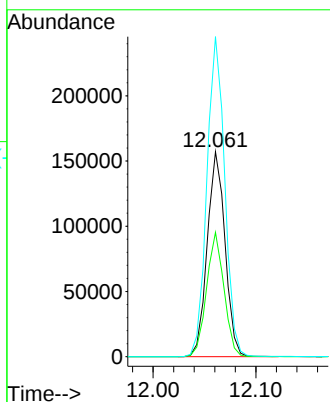
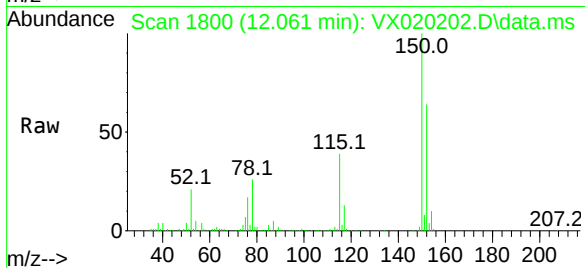




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

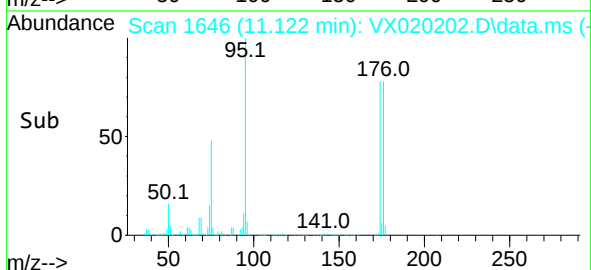
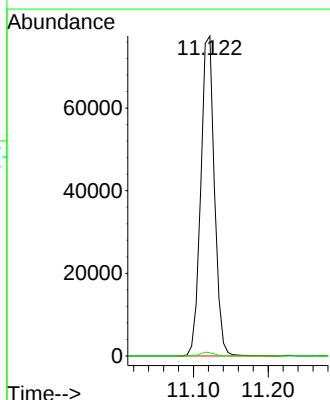
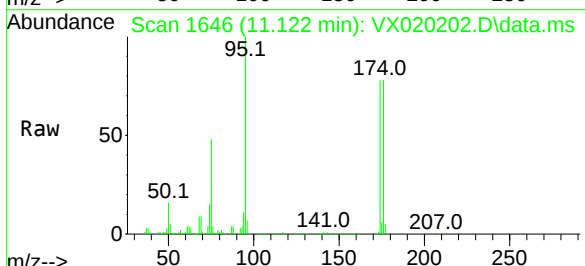
Instrument :
MSVOA_X
ClientSampleId :
39-5350-121420

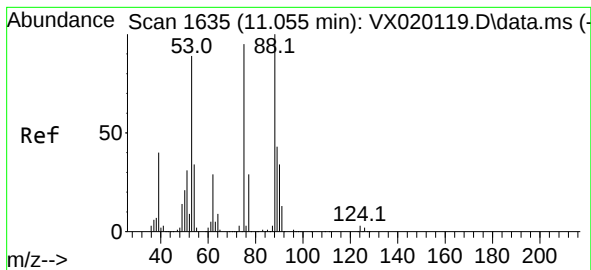
Tgt Ion:152 Resp: 189060
Ion Ratio Lower Upper
152 100
115 59.4 41.1 123.3
150 156.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 21.10 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.158 min
Lab File: VX020202.D
Acq: 20 Dec 2020 04:00

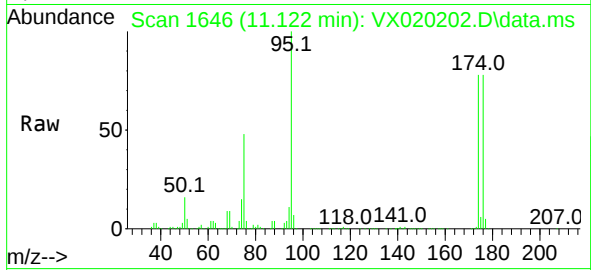
Tgt Ion: 75 Resp: 98255
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 62.59 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. 0.067 min
 Lab File: VX020202.D
 Acq: 20 Dec 2020 04:00

Instrument :
 MSVOA_X
 ClientSampleId :
 39-5350-121420



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

