

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021787.D
 Acq On : 21 Apr 2021 13:10
 Operator : JC/MD
 Sample : M2122-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 22 08:56:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

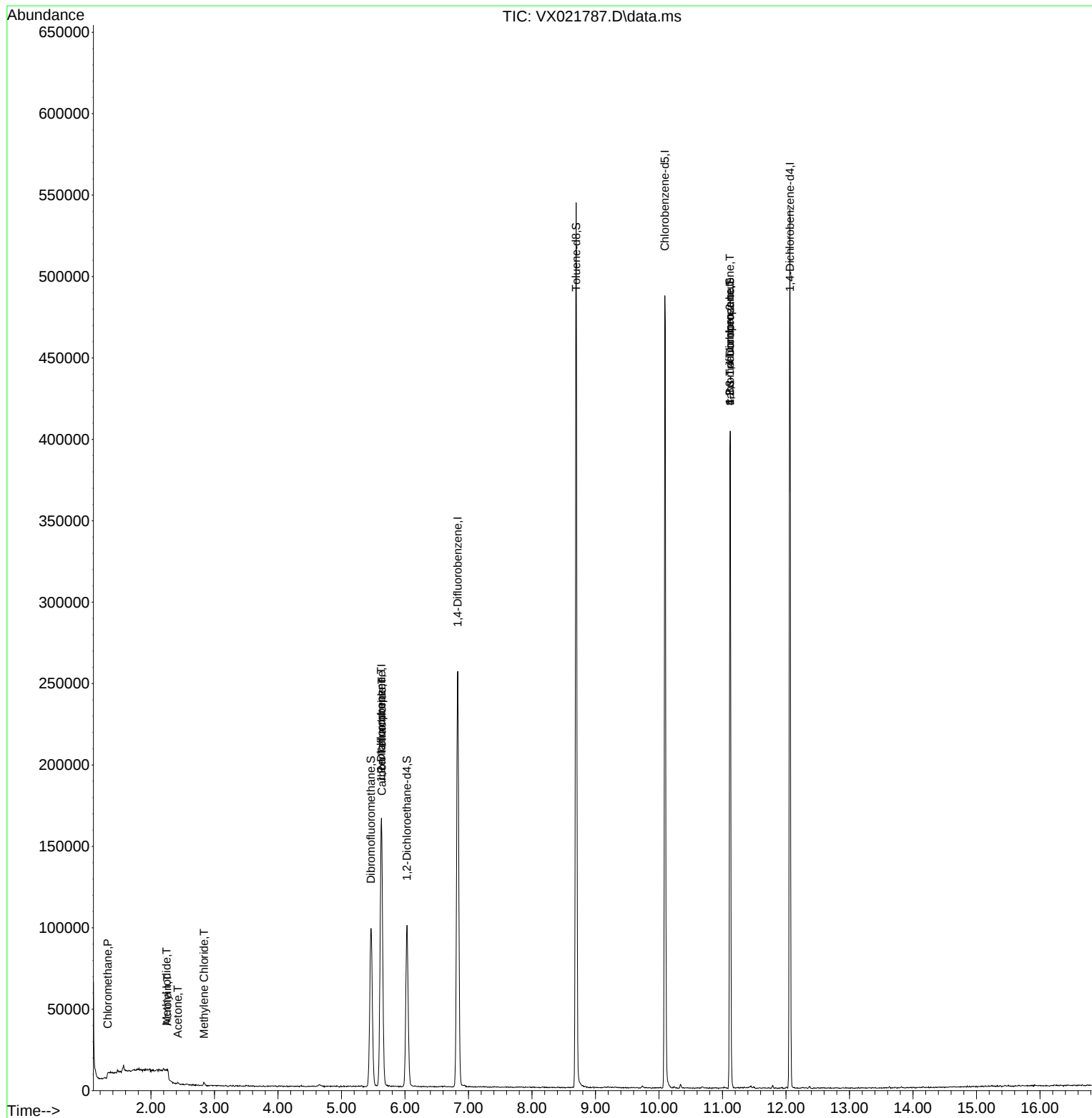
Internal Standards						
1) Pentafluorobenzene	5.629	168	164932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	277338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	248128	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	116213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	92326	49.34	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.68%
35) Dibromofluoromethane	5.465	113	87250	49.19	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.38%
50) Toluene-d8	8.696	98	329319	48.29	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.58%
62) 4-Bromofluorobenzene	11.116	95	118856	46.67	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.34%
Target Compounds						
					Qvalue	
3) Chloromethane	1.319	50	1754	1.14	ug/l	100
10) Methyl Iodide	2.246	142	42	8.17	ug/l #	42
13) Acrolein	2.258	56	321	0.97	ug/l #	14
16) Acetone	2.422	43	497	0.77	ug/l	92
20) Methylene Chloride	2.837	84	827	0.43	ug/l	90
36) 1,1-Dichloropropene	5.623	75	11350	4.64	ug/l #	50
38) Carbon Tetrachloride	5.635	117	15677	5.85	ug/l #	16
76) 1,2,3-Trichloropropane	11.116	75	53469	23.20	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	53469	53.35	ug/l #	12

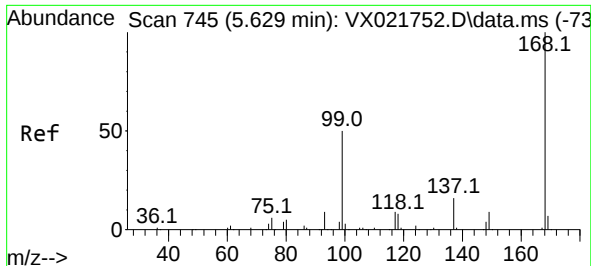
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 22 08:56:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

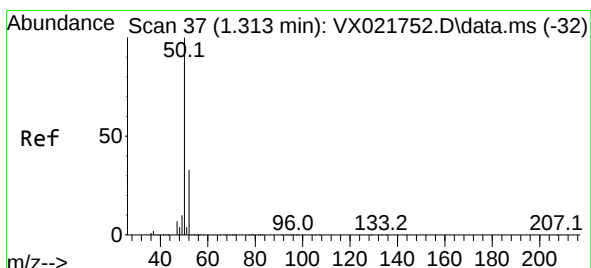
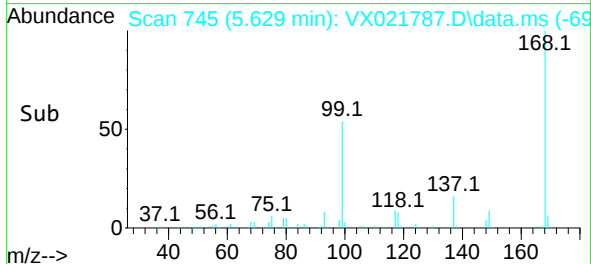
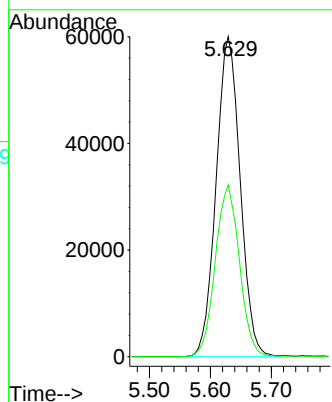
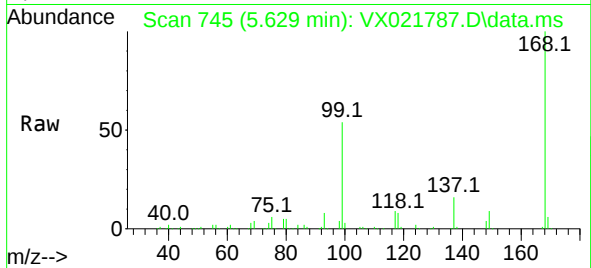




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.000 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

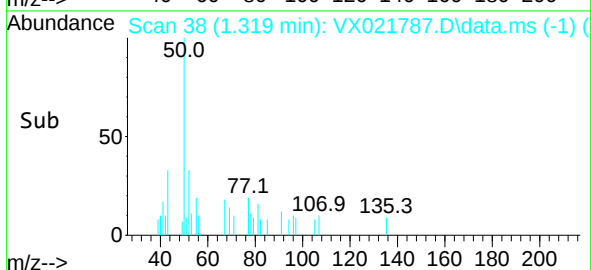
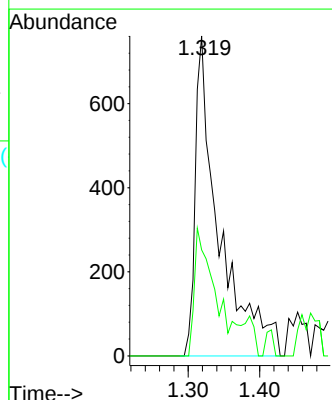
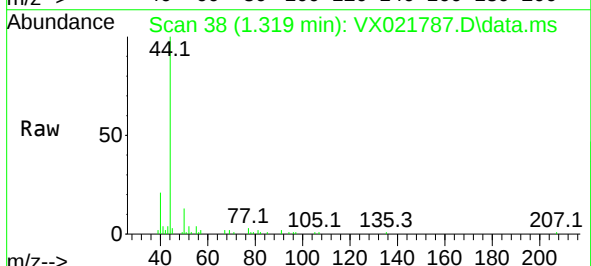
Instrument :
MSVOA_X
ClientSampled :

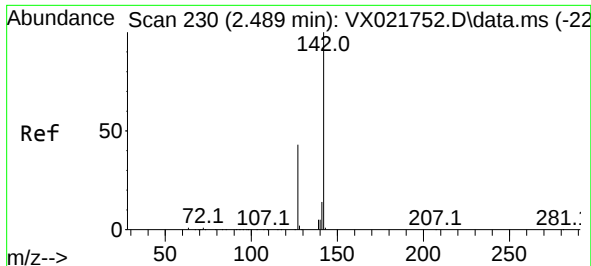
Tgt Ion:168 Resp: 164932
Ion Ratio Lower Upper
168 100
99 53.7 45.8 68.6



#3
Chloromethane
Concen: 1.14 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

Tgt Ion: 50 Resp: 1754
Ion Ratio Lower Upper
50 100
52 33.1 26.4 39.6

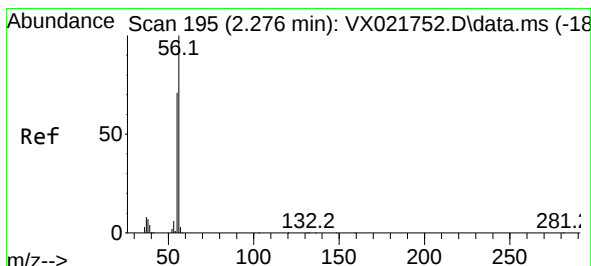
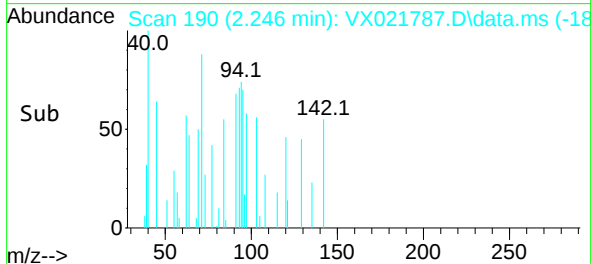
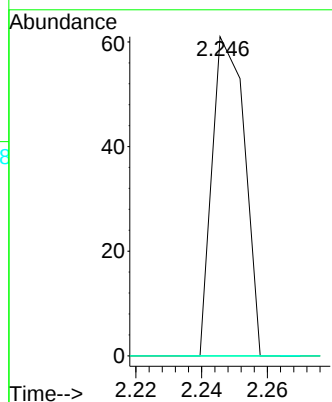
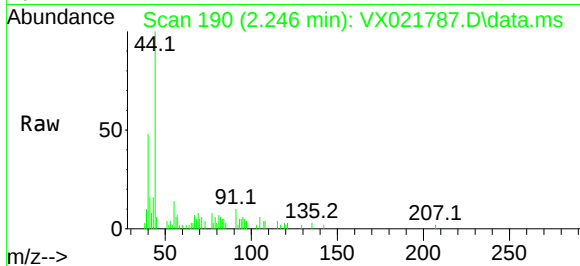




#10
Methyl Iodide
Concen: 8.17 ug/l
RT: 2.246 min Scan# 190
Delta R.T. -0.243 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

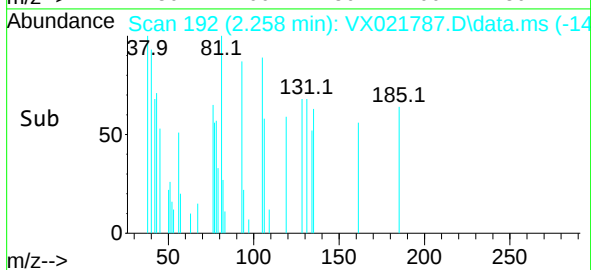
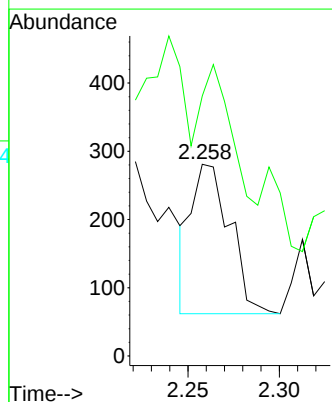
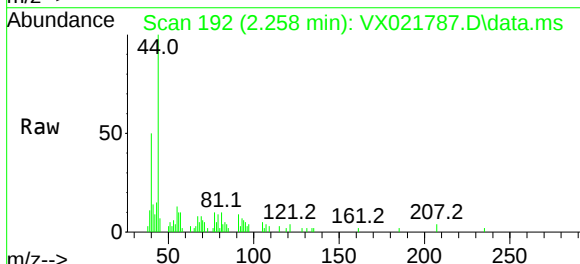
Instrument :
MSVOA_X
ClientSampled :

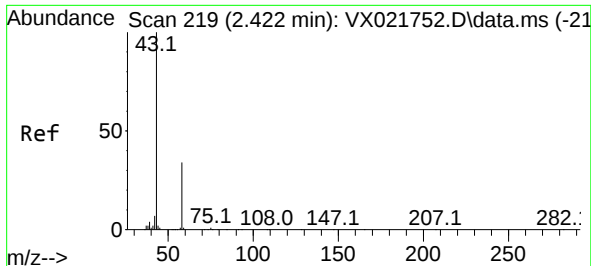
Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



#13
Acrolein
Concen: 0.97 ug/l
RT: 2.258 min Scan# 192
Delta R.T. -0.018 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

Tgt Ion: 56 Resp: 321
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#

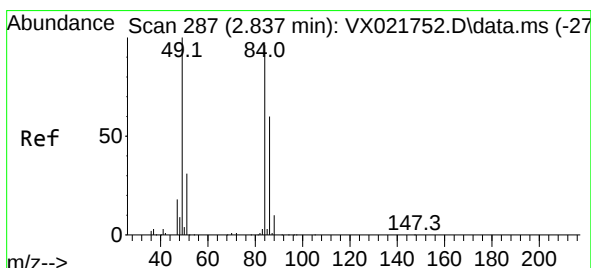
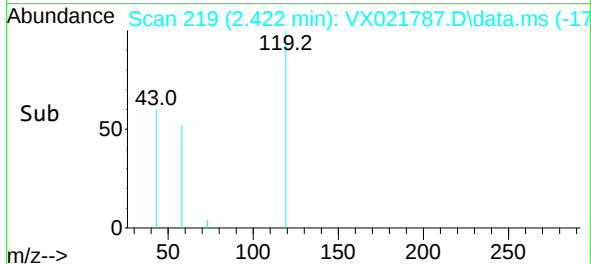
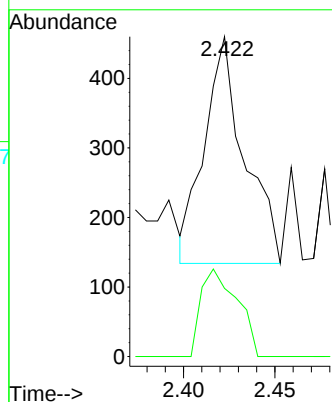
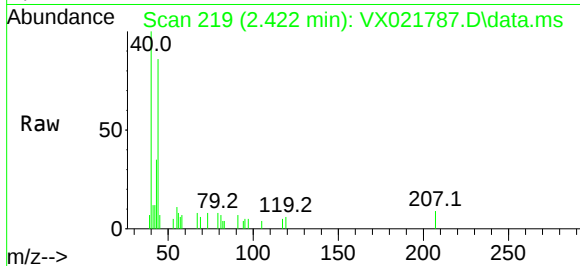




#16
Acetone
Concen: 0.77 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

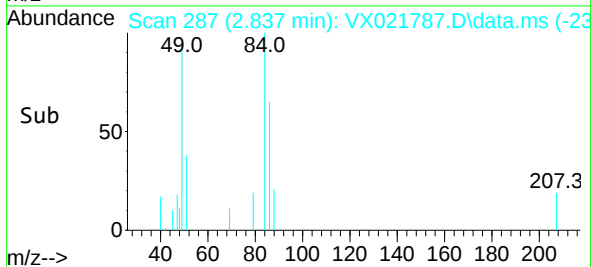
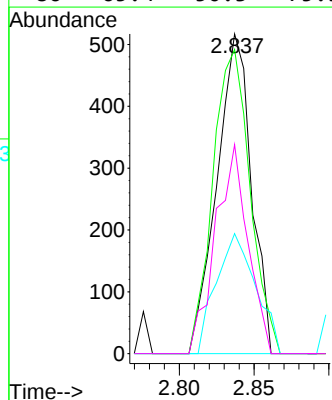
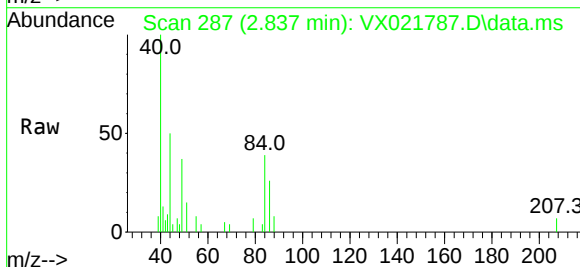
Instrument :
MSVOA_X
ClientSampled :

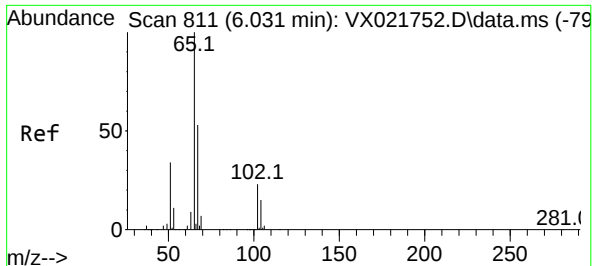
Tgt Ion: 43 Resp: 497
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.43 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

Tgt Ion: 84 Resp: 827
Ion Ratio Lower Upper
84 100
49 95.2 88.6 132.8
51 37.5 27.0 40.6
86 65.4 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 49.34 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021787.D

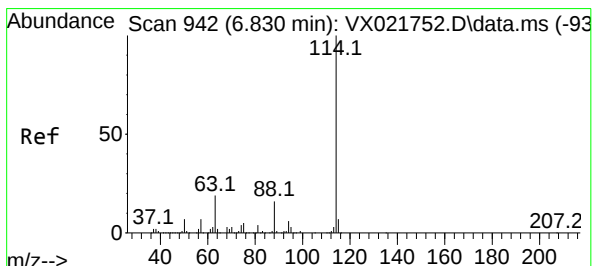
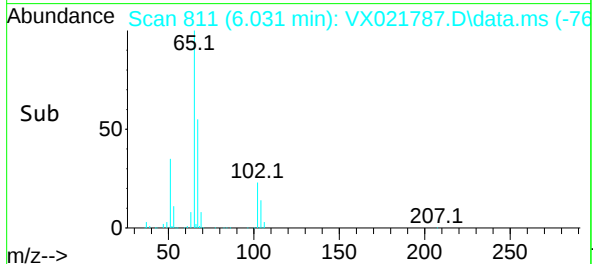
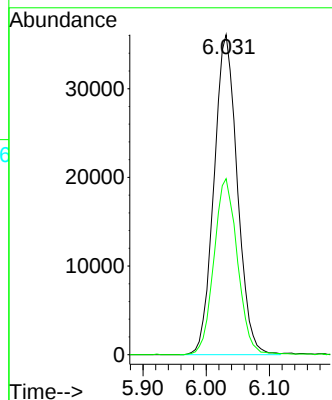
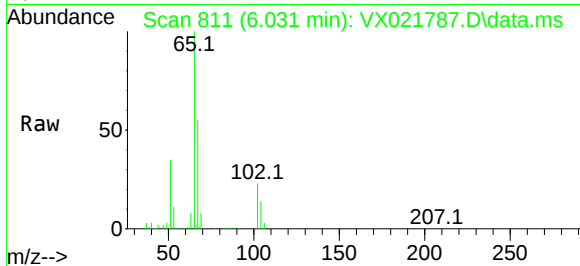
Acq: 21 Apr 2021 13:10

Tgt Ion: 65 Resp: 92326

Ion Ratio Lower Upper

65 100

67 55.7 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.830 min Scan# 942

Delta R.T. 0.000 min

Lab File: VX021787.D

Acq: 21 Apr 2021 13:10

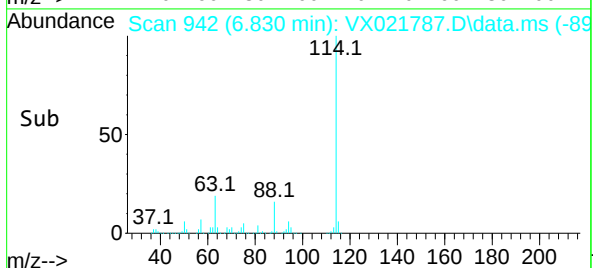
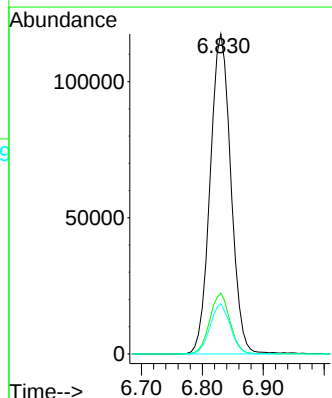
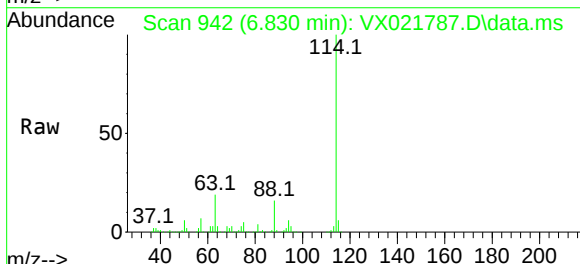
Tgt Ion: 114 Resp: 277338

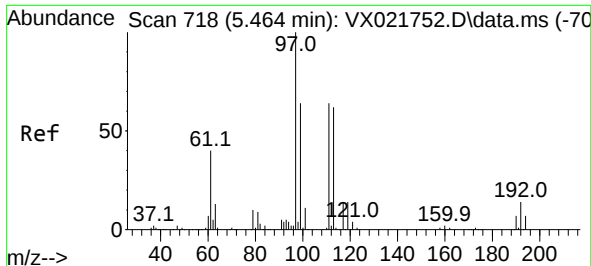
Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.8

88 15.8 0.0 32.8

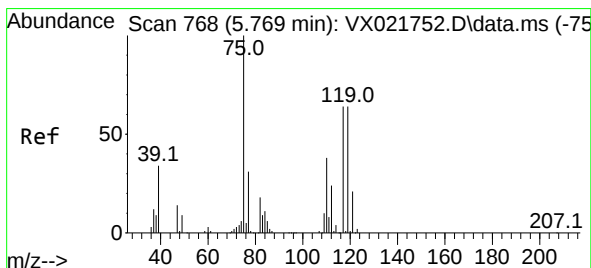
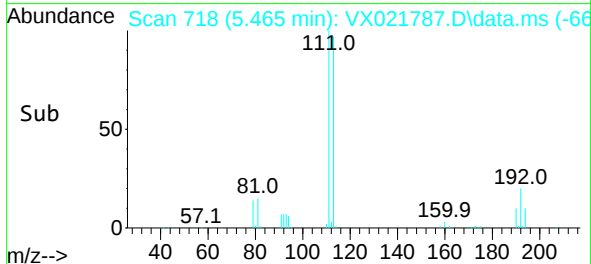
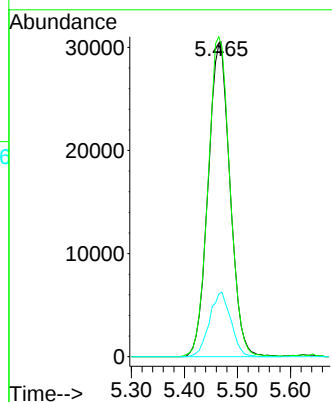
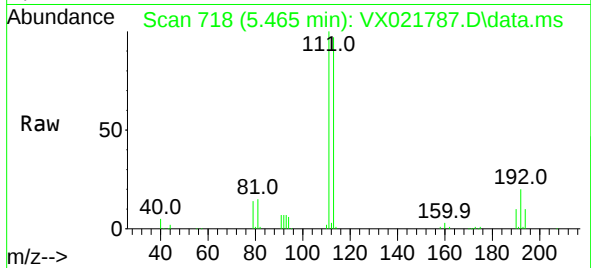




#35
Dibromofluoromethane
Concen: 49.19 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

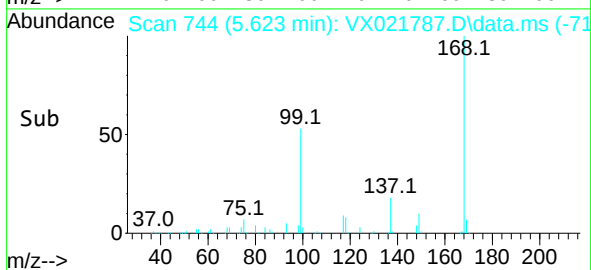
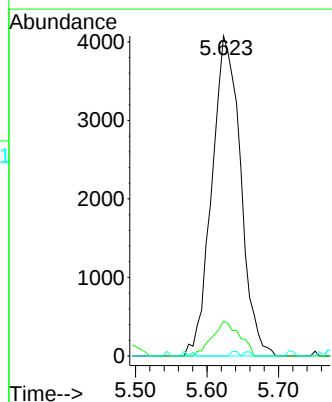
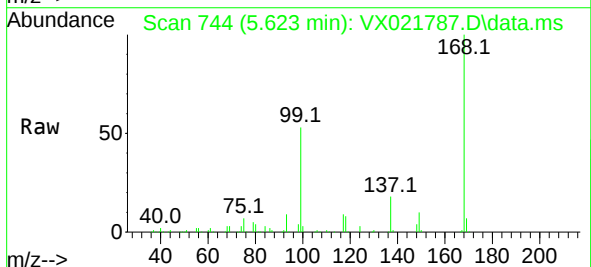
Instrument :
MSVOA_X
ClientSampleId :

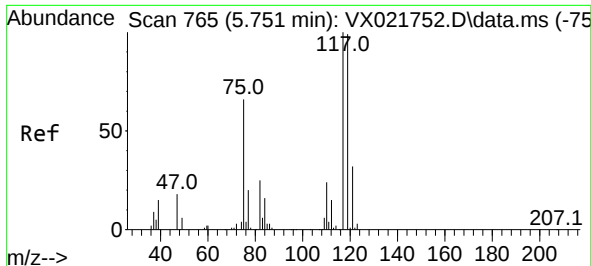
Tgt Ion:113 Resp: 87250
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 20.1 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

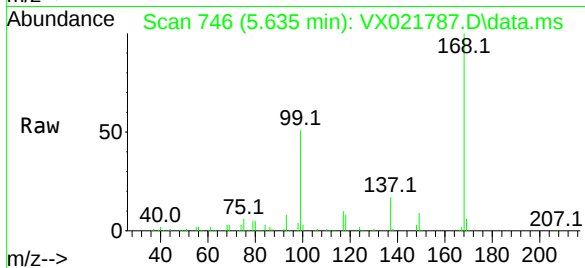
Tgt Ion: 75 Resp: 11350
Ion Ratio Lower Upper
75 100
110 10.3 18.1 54.4#
77 0.4 25.3 37.9#



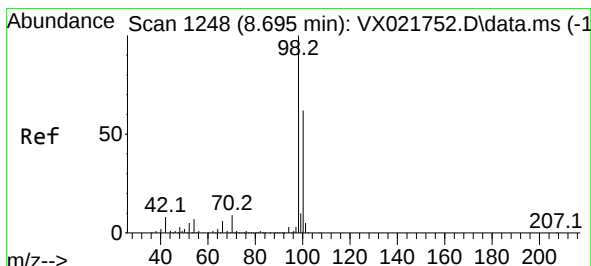
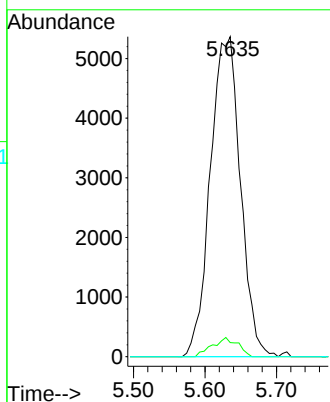
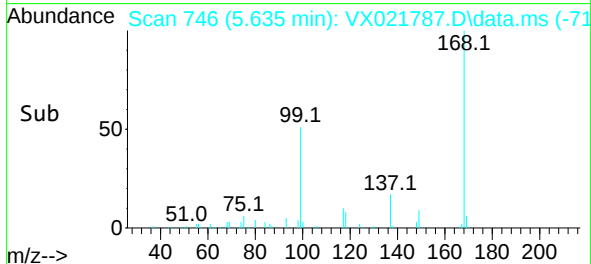


#38
Carbon Tetrachloride
Concen: 5.85 ug/l
RT: 5.635 min Scan# 746
Delta R.T. -0.116 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

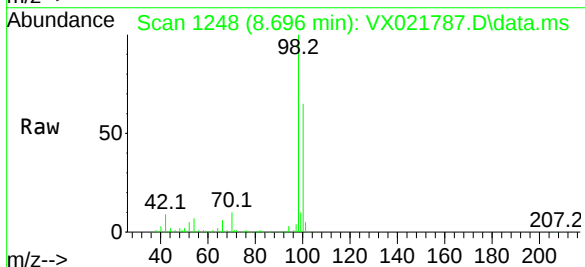
Instrument :
MSVOA_X
ClientSampled :



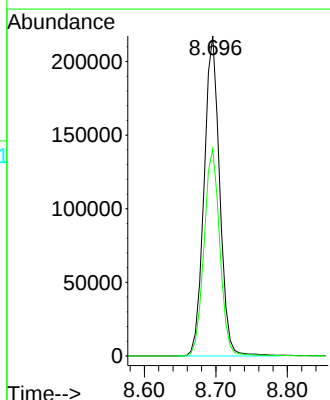
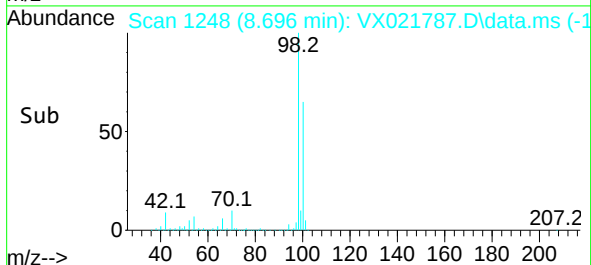
Tgt Ion:117 Resp: 15677
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#

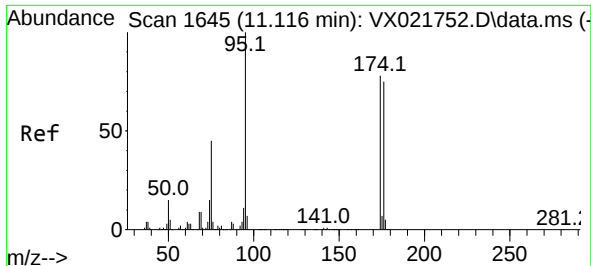


#50
Toluene-d8
Concen: 48.29 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.001 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10



Tgt Ion: 98 Resp: 329319
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

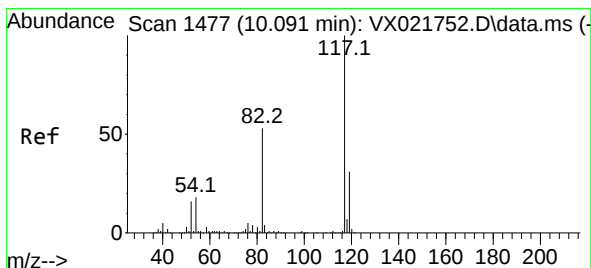
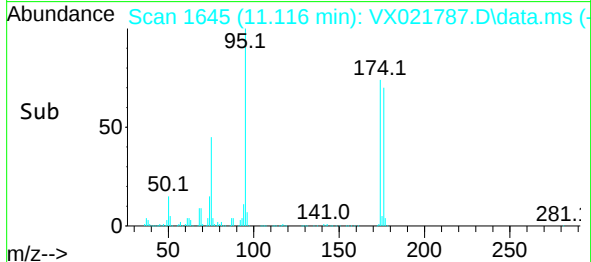
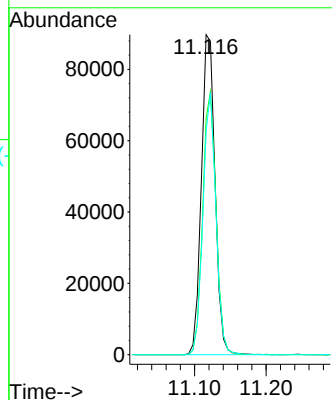
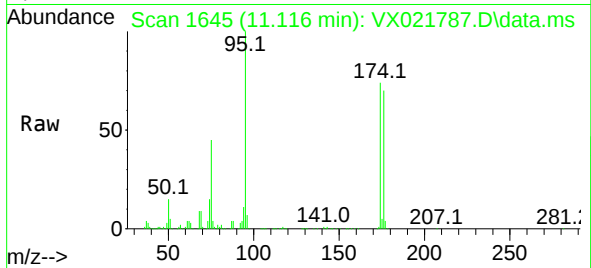




#62
4-Bromofluorobenzene
Concen: 46.67 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.000 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

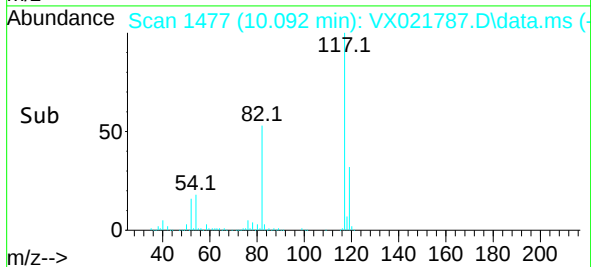
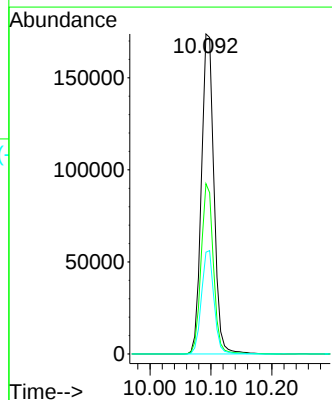
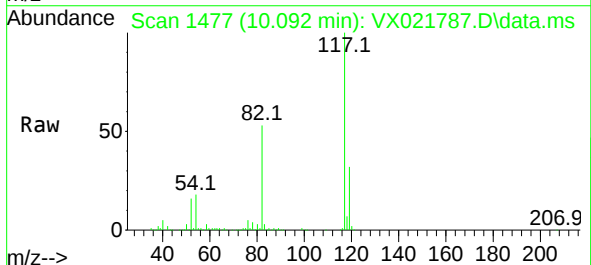
Instrument :
MSVOA_X
ClientSampleId :

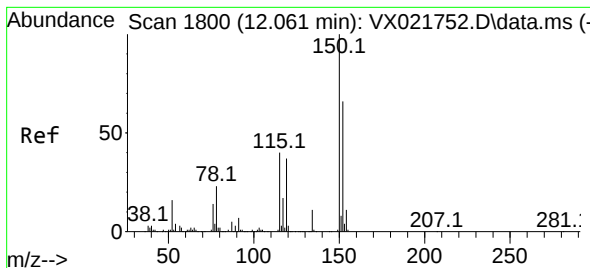
Tgt Ion: 95 Resp: 118856
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021787.D
Acq: 21 Apr 2021 13:10

Tgt Ion: 117 Resp: 248128
Ion Ratio Lower Upper
117 100
82 53.2 47.4 71.2
119 31.8 26.6 39.8

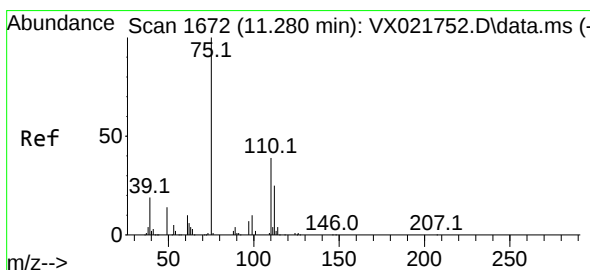
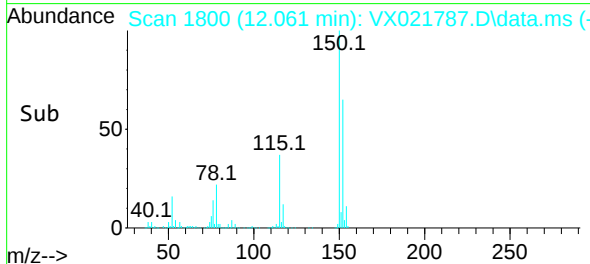
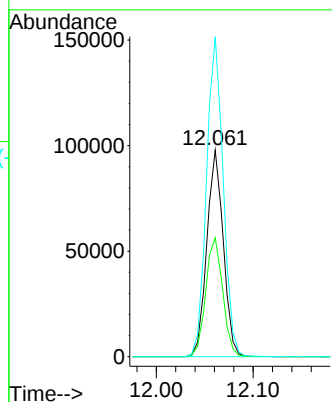
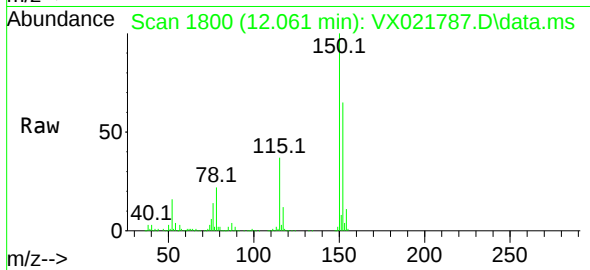




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021787.D
 Acq: 21 Apr 2021 13:10

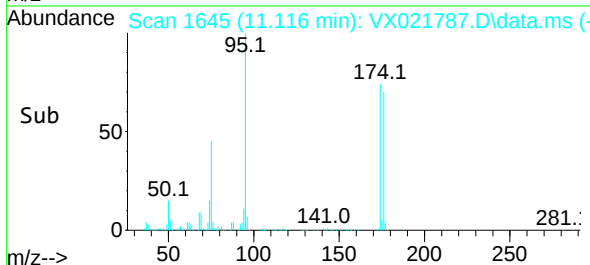
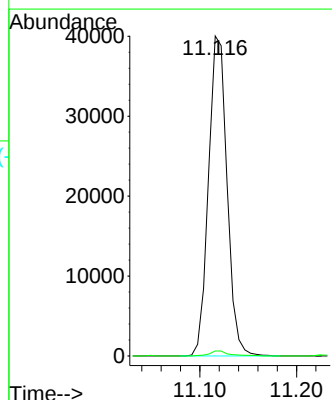
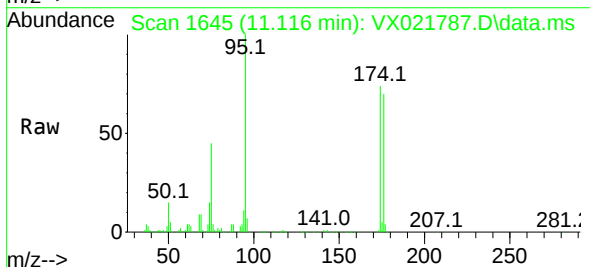
Instrument :
 MSVOA_X
 ClientSampled :

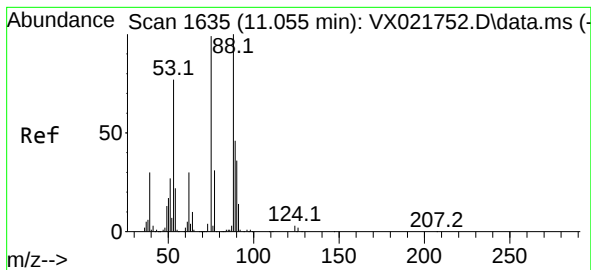
Tgt Ion:152 Resp: 116213
 Ion Ratio Lower Upper
 152 100
 115 59.2 41.1 123.3
 150 156.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 23.20 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021787.D
 Acq: 21 Apr 2021 13:10

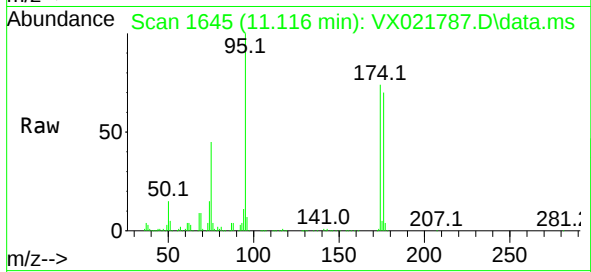
Tgt Ion: 75 Resp: 53469
 Ion Ratio Lower Upper
 75 100
 77 1.7 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.35 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021787.D
 Acq: 21 Apr 2021 13:10

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53469
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

