

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042121\
 Data File : VX021788.D
 Acq On : 21 Apr 2021 13:32
 Operator : JC/MD
 Sample : M2122-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 22 08:56:54 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	166582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	280357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	253471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	118977	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	94342	49.92	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	99.84%
35) Dibromofluoromethane	5.464	113	88972	49.62	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.24%
50) Toluene-d8	8.695	98	332744	48.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.54%
62) 4-Bromofluorobenzene	11.122	95	119422	46.39	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.78%

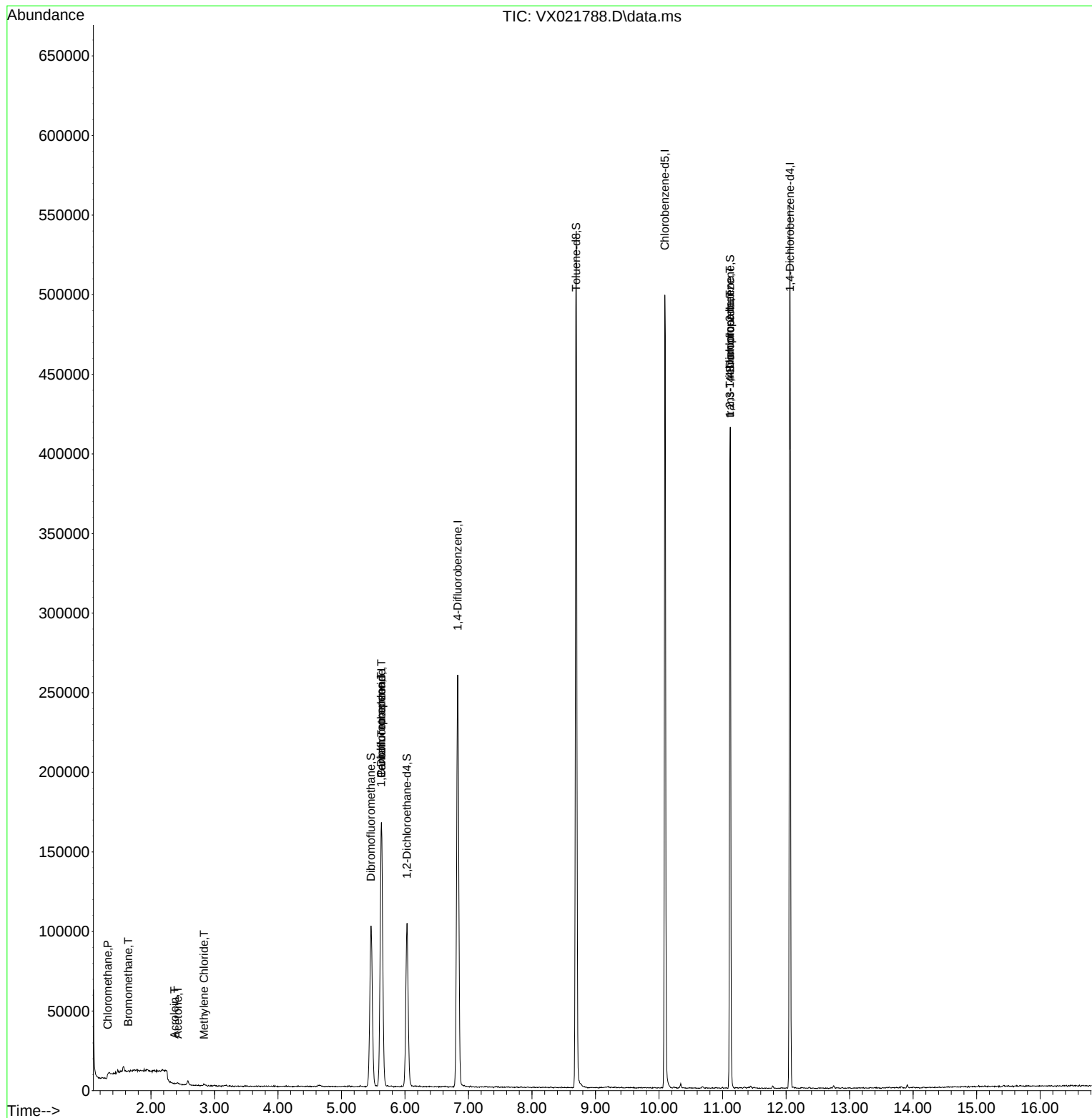
Target Compounds						Qvalue
3) Chloromethane	1.319	50	1474	1.00	ug/l #	85
5) Bromomethane	1.642	94	520	0.62	ug/l #	8
13) Acrolein	2.367	56	86	0.26	ug/l #	1
16) Acetone	2.422	43	1046	1.61	ug/l	94
20) Methylene Chloride	2.837	84	468	0.24	ug/l #	83
36) 1,1-Dichloropropene	5.623	75	11195	4.52	ug/l #	49
38) Carbon Tetrachloride	5.629	117	15738	5.81	ug/l #	17
76) 1,2,3-Trichloropropane	11.116	75	53856	22.83	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	53856	52.49	ug/l #	12

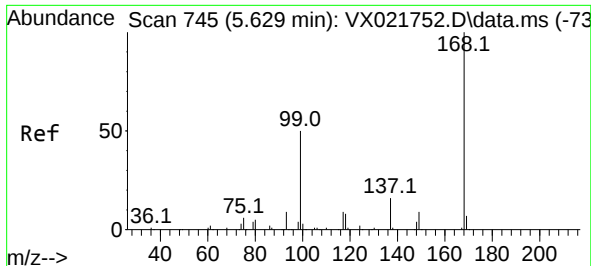
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

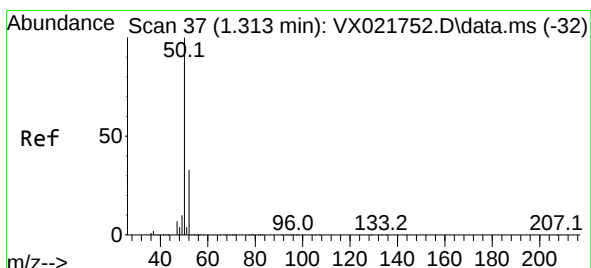
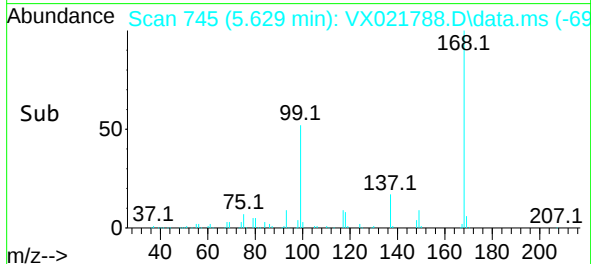
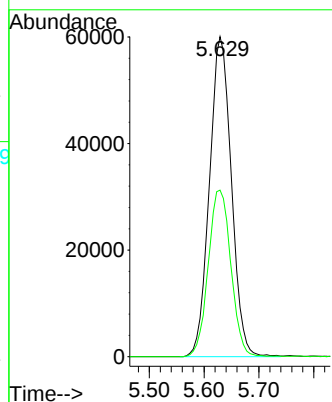
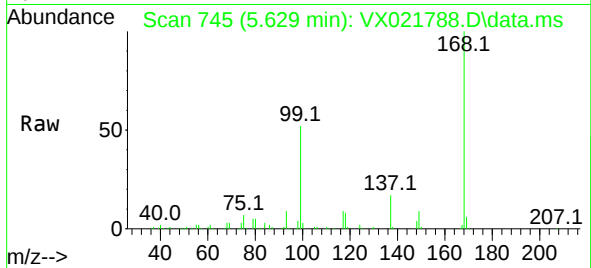




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

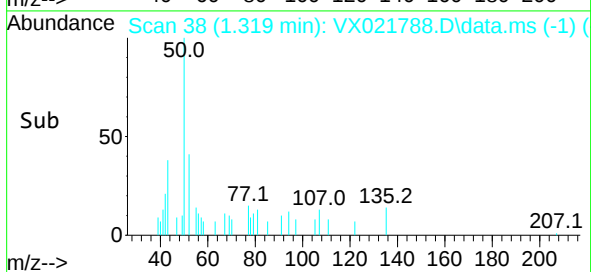
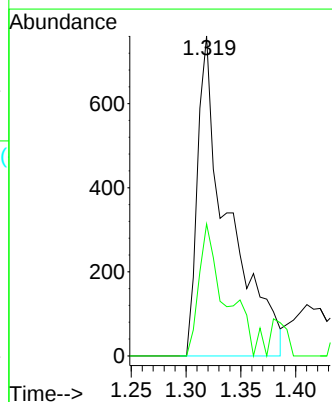
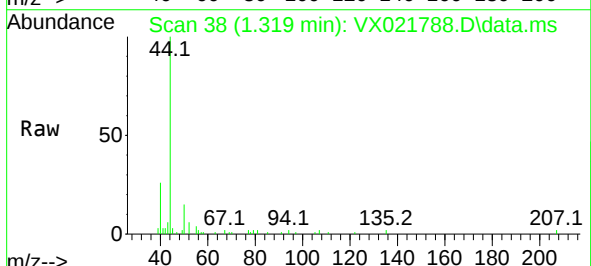
Instrument :
MSVOA_X
ClientSampled :

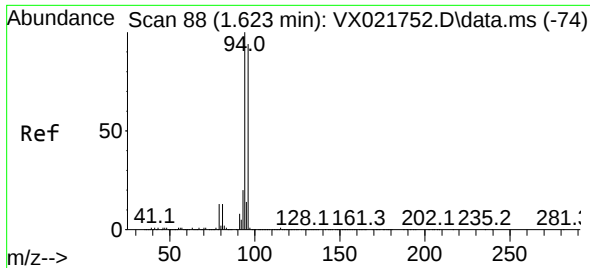
Tgt Ion:168 Resp: 166582
Ion Ratio Lower Upper
168 100
99 52.1 45.8 68.6



#3
Chloromethane
Concen: 1.00 ug/l
RT: 1.319 min Scan# 38
Delta R.T. 0.006 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

Tgt Ion: 50 Resp: 1474
Ion Ratio Lower Upper
50 100
52 41.3 26.4 39.6#

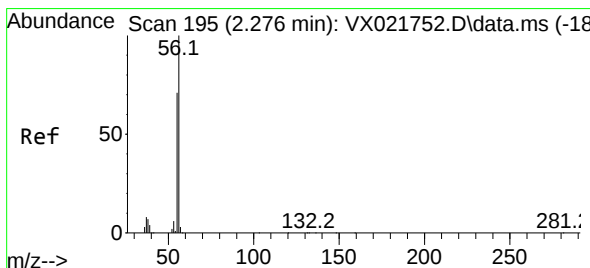
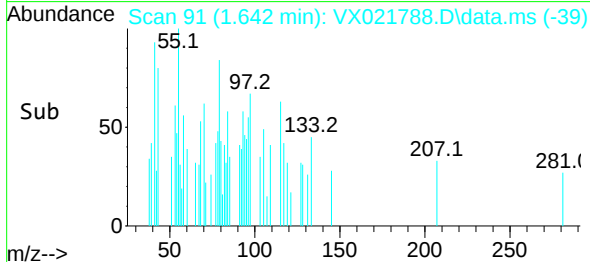
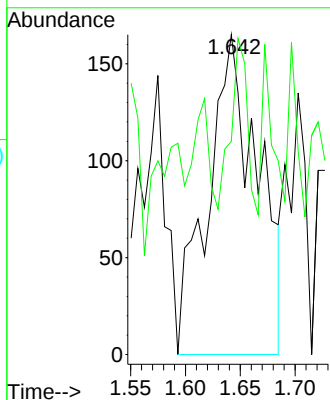
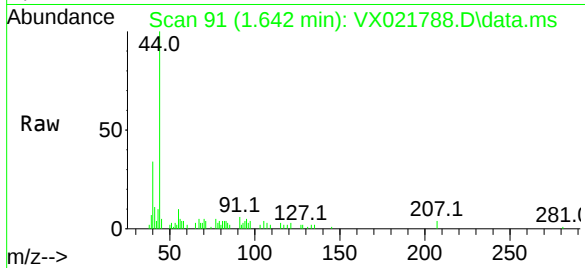




#5
Bromomethane
Concen: 0.62 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

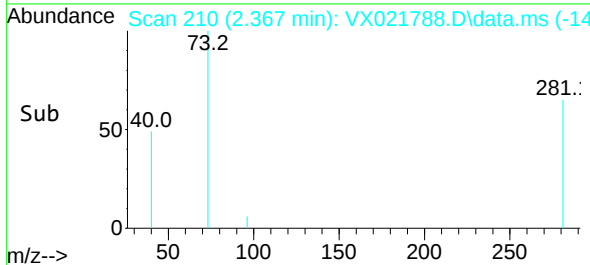
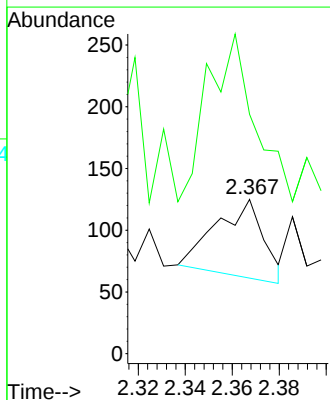
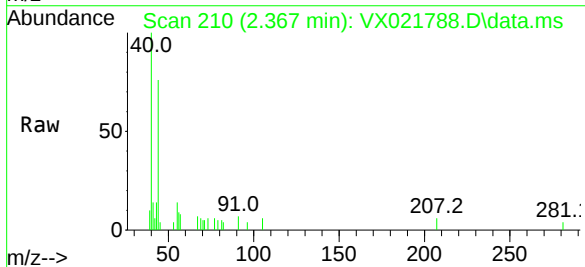
Instrument :
MSVOA_X
ClientSampleId :

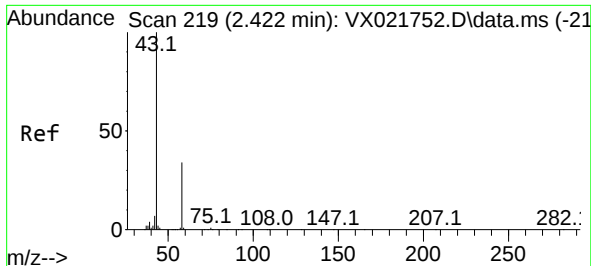
Tgt Ion: 94 Resp: 520
Ion Ratio Lower Upper
94 100
96 6.1 76.4 114.6#



#13
Acrolein
Concen: 0.26 ug/l
RT: 2.367 min Scan# 210
Delta R.T. 0.091 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 218.6 56.4 84.6#

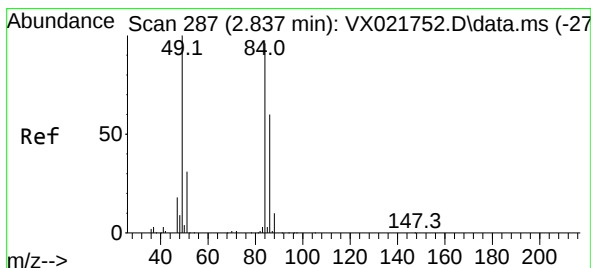
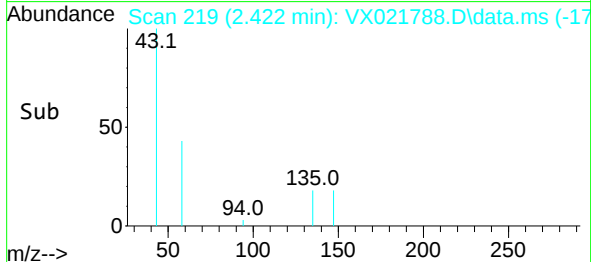
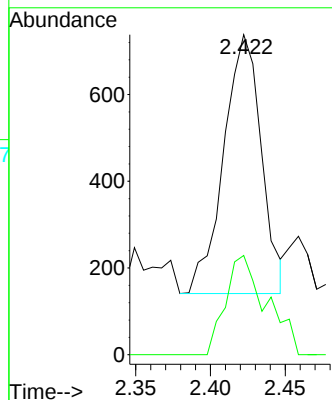
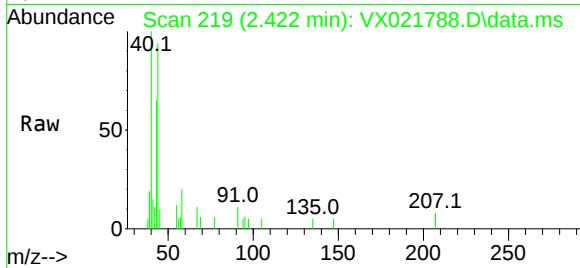




#16
Acetone
Concen: 1.61 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

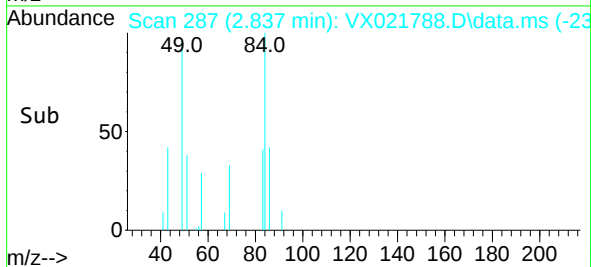
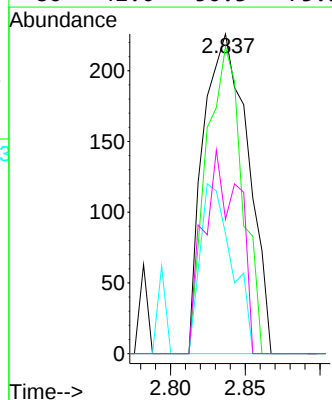
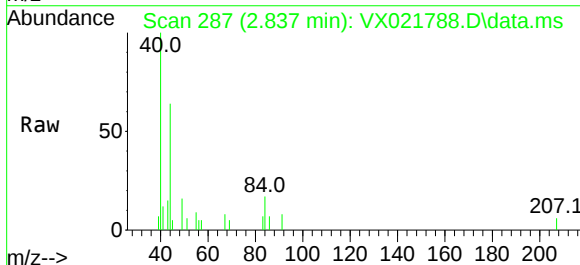
Instrument :
MSVOA_X
ClientSampleId :

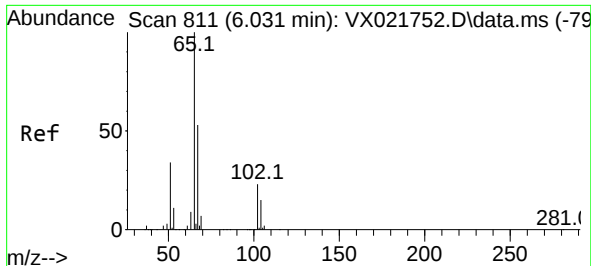
Tgt Ion: 43 Resp: 1046
Ion Ratio Lower Upper
43 100
58 38.4 27.8 41.8



#20
Methylene Chloride
Concen: 0.24 ug/l
RT: 2.837 min Scan# 287
Delta R.T. -0.000 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

Tgt Ion: 84 Resp: 468
Ion Ratio Lower Upper
84 100
49 96.0 88.6 132.8
51 37.6 27.0 40.6
86 42.0 50.3 75.5#





#33

1,2-Dichloroethane-d4

Concen: 49.92 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.000 min

Lab File: VX021788.D

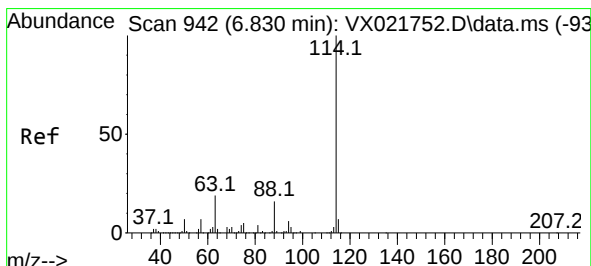
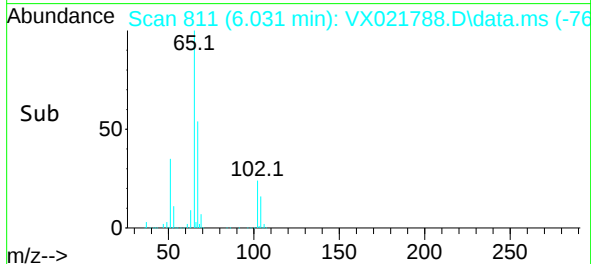
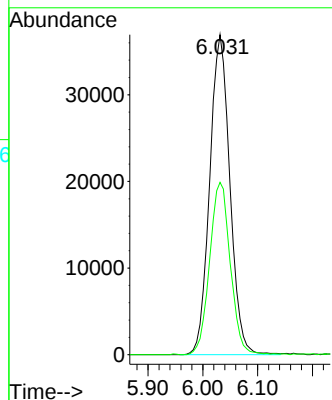
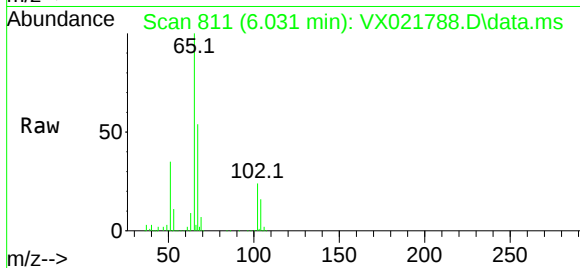
Acq: 21 Apr 2021 13:32

Tgt Ion: 65 Resp: 94342

Ion Ratio Lower Upper

65 100

67 55.3 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: VX021788.D

Acq: 21 Apr 2021 13:32

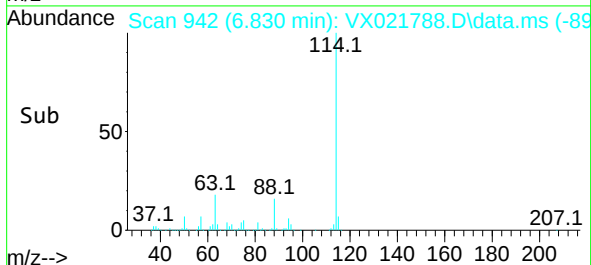
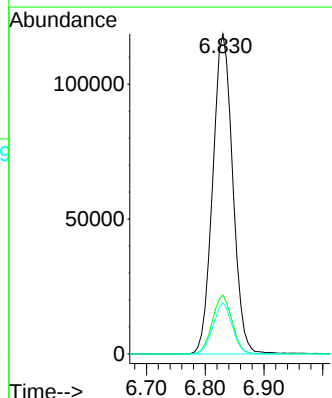
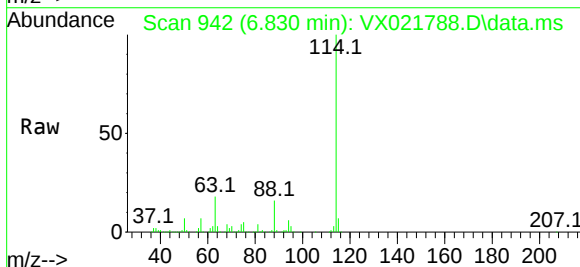
Tgt Ion: 114 Resp: 280357

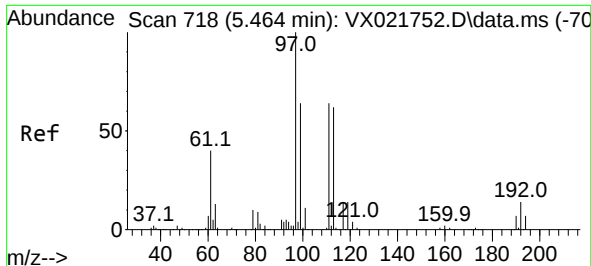
Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.8

88 16.0 0.0 32.8

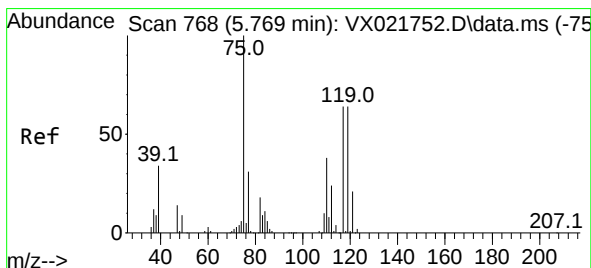
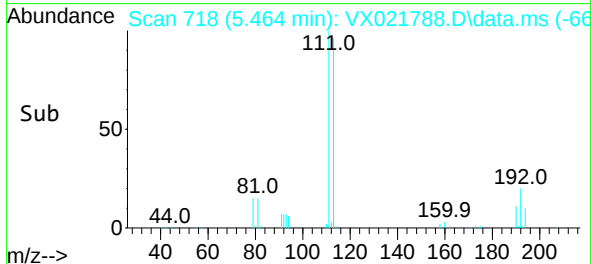
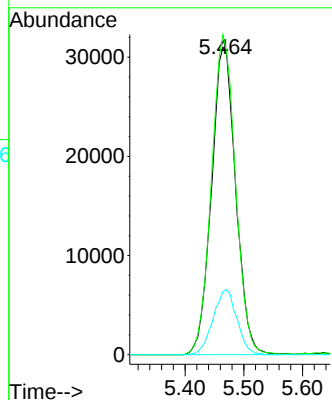
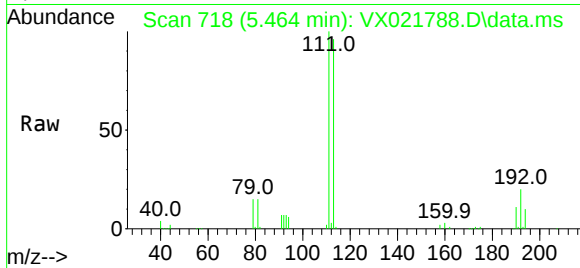




#35
Dibromofluoromethane
Concen: 49.62 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

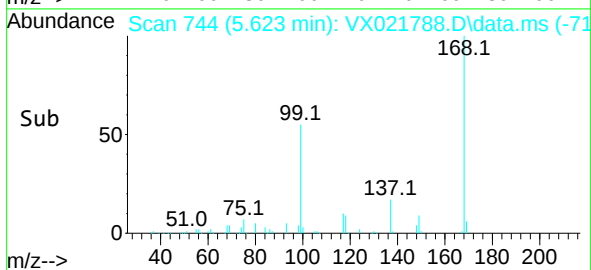
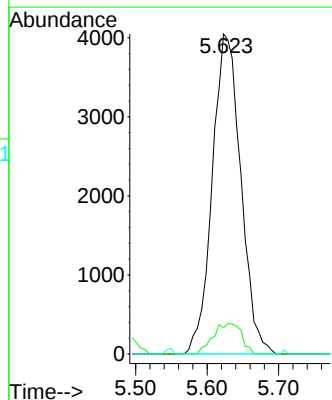
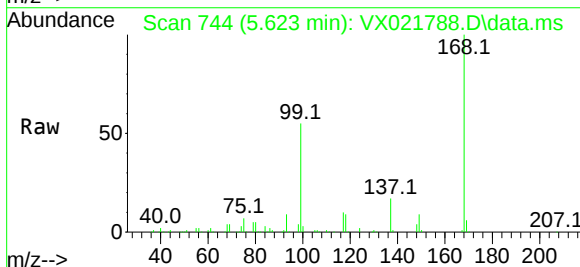
Instrument :
MSVOA_X
ClientSampleId :

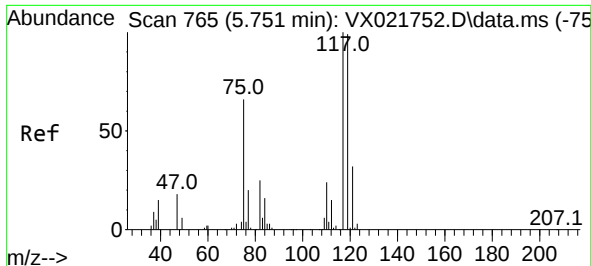
Tgt Ion:113 Resp: 88972
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.52 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

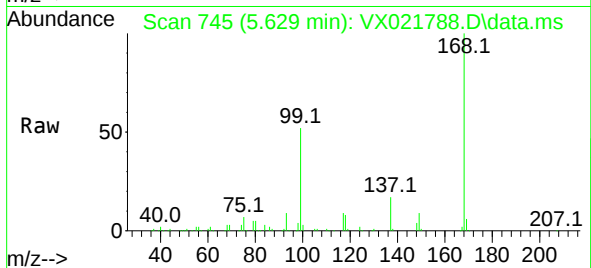
Tgt Ion: 75 Resp: 11195
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



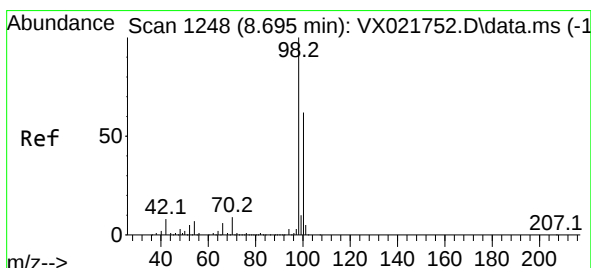
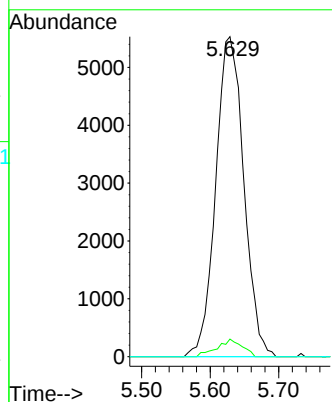
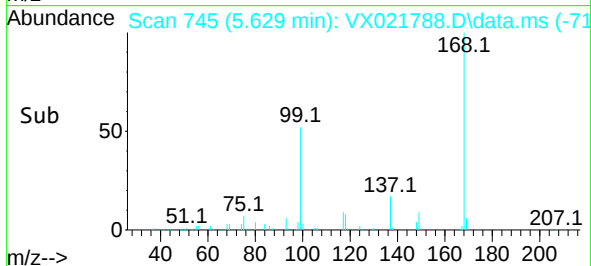


#38
Carbon Tetrachloride
Concen: 5.81 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

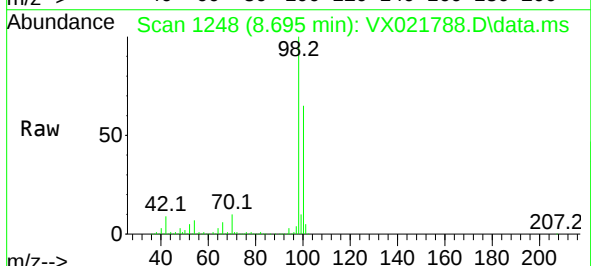
Instrument :
MSVOA_X
ClientSampled :



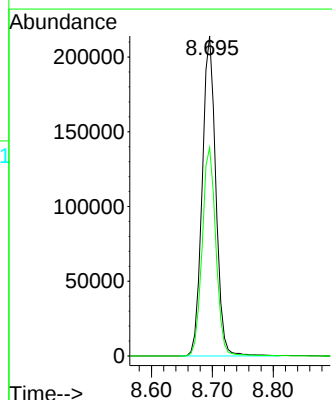
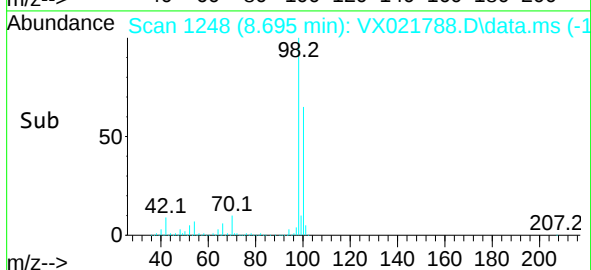
Tgt Ion:117 Resp: 15738
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

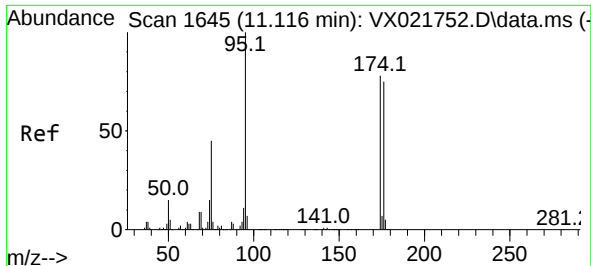


#50
Toluene-d8
Concen: 48.27 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32



Tgt Ion: 98 Resp: 332744
Ion Ratio Lower Upper
98 100
100 65.7 51.9 77.9

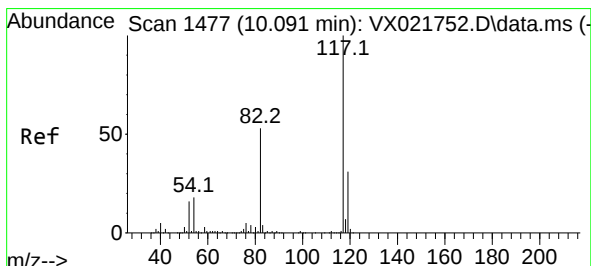
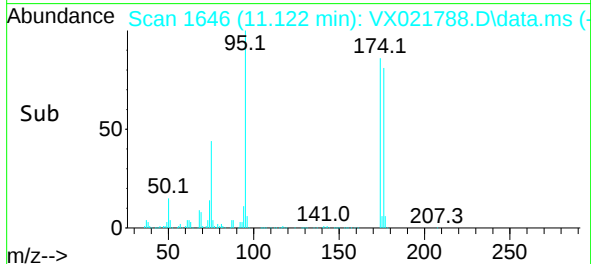
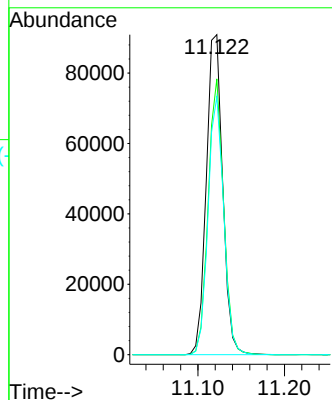
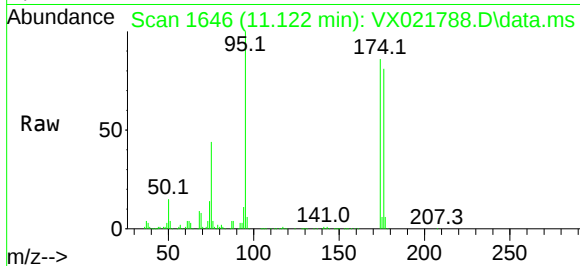




#62
4-Bromofluorobenzene
Concen: 46.39 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

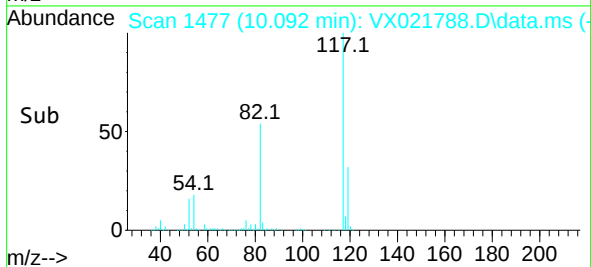
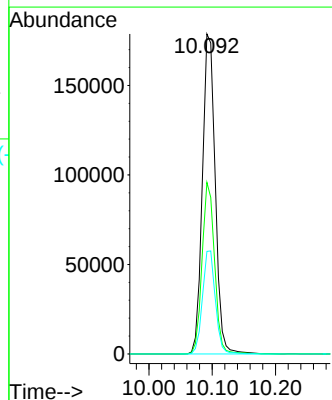
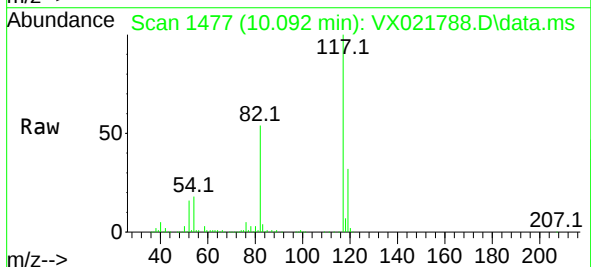
Instrument :
MSVOA_X
ClientSampleId :

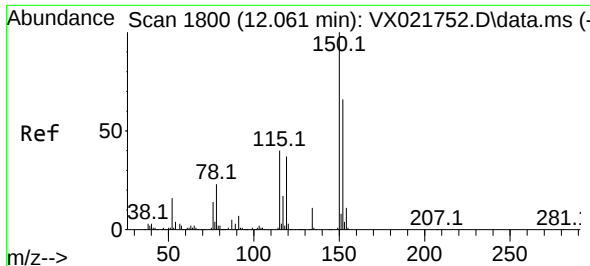
Tgt Ion: 95 Resp: 119422
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 77.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. 0.001 min
Lab File: VX021788.D
Acq: 21 Apr 2021 13:32

Tgt Ion: 117 Resp: 253471
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.1 26.6 39.8

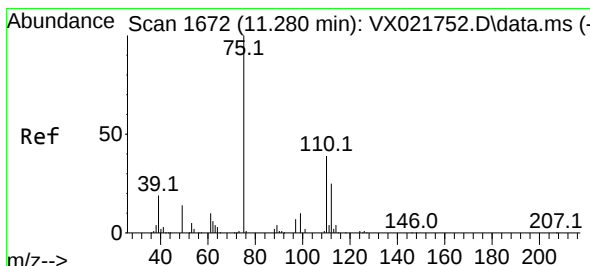
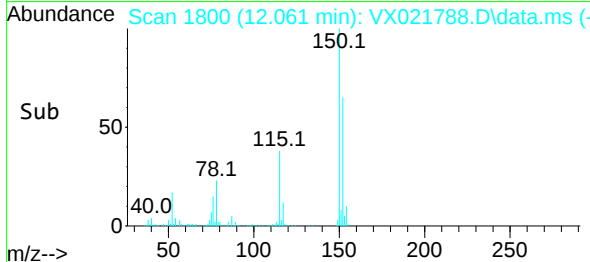
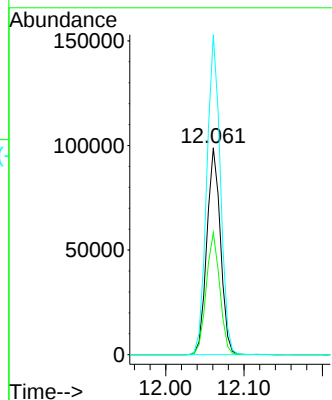
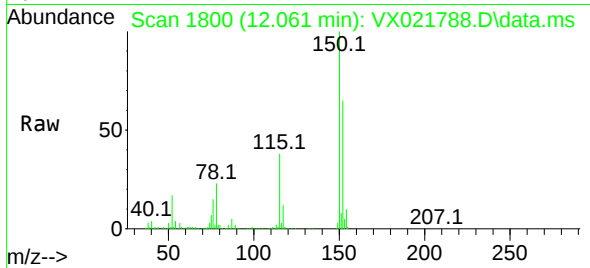




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021788.D
 Acq: 21 Apr 2021 13:32

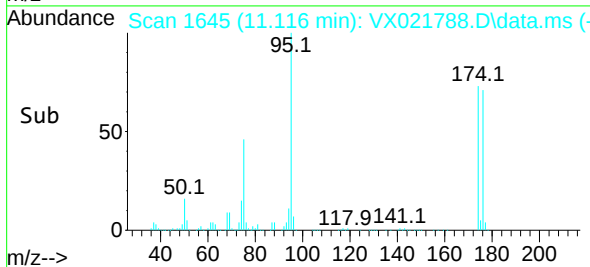
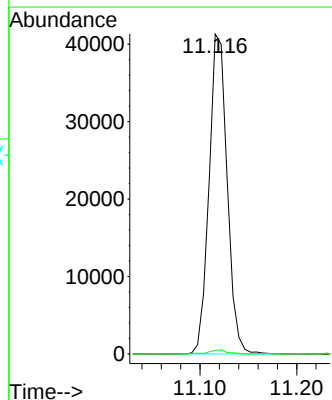
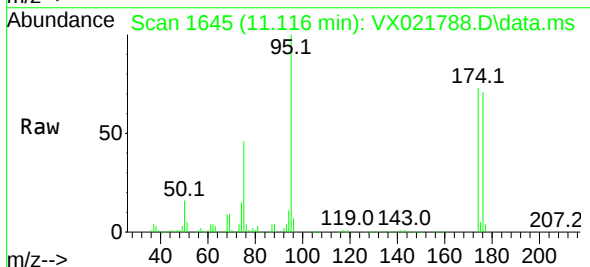
Instrument :
 MSVOA_X
 ClientSampled :

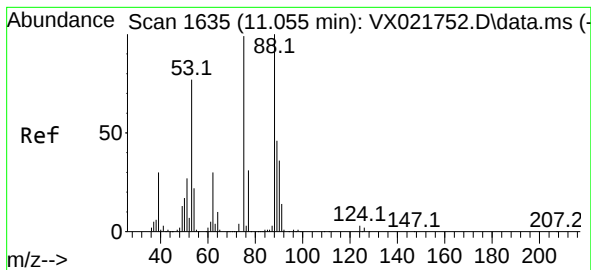
Tgt Ion:152 Resp: 118977
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.1 123.3
 150 154.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 22.83 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021788.D
 Acq: 21 Apr 2021 13:32

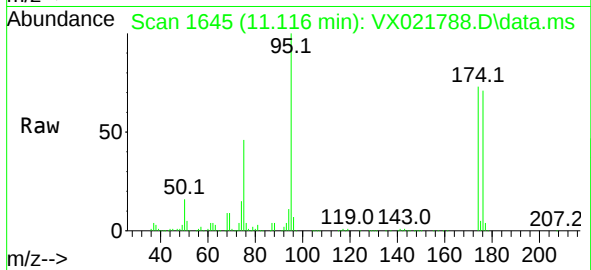
Tgt Ion: 75 Resp: 53856
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 52.49 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. 0.061 min
 Lab File: VX021788.D
 Acq: 21 Apr 2021 13:32

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 53856
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

