

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019576.D
 Acq On : 23 Jul 2021 16:26
 Operator : SY/VA
 Sample : M3150-01
 Misc : 4.45g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:19:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 20 04:37:55 2021
 Response via : Initial Calibration

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

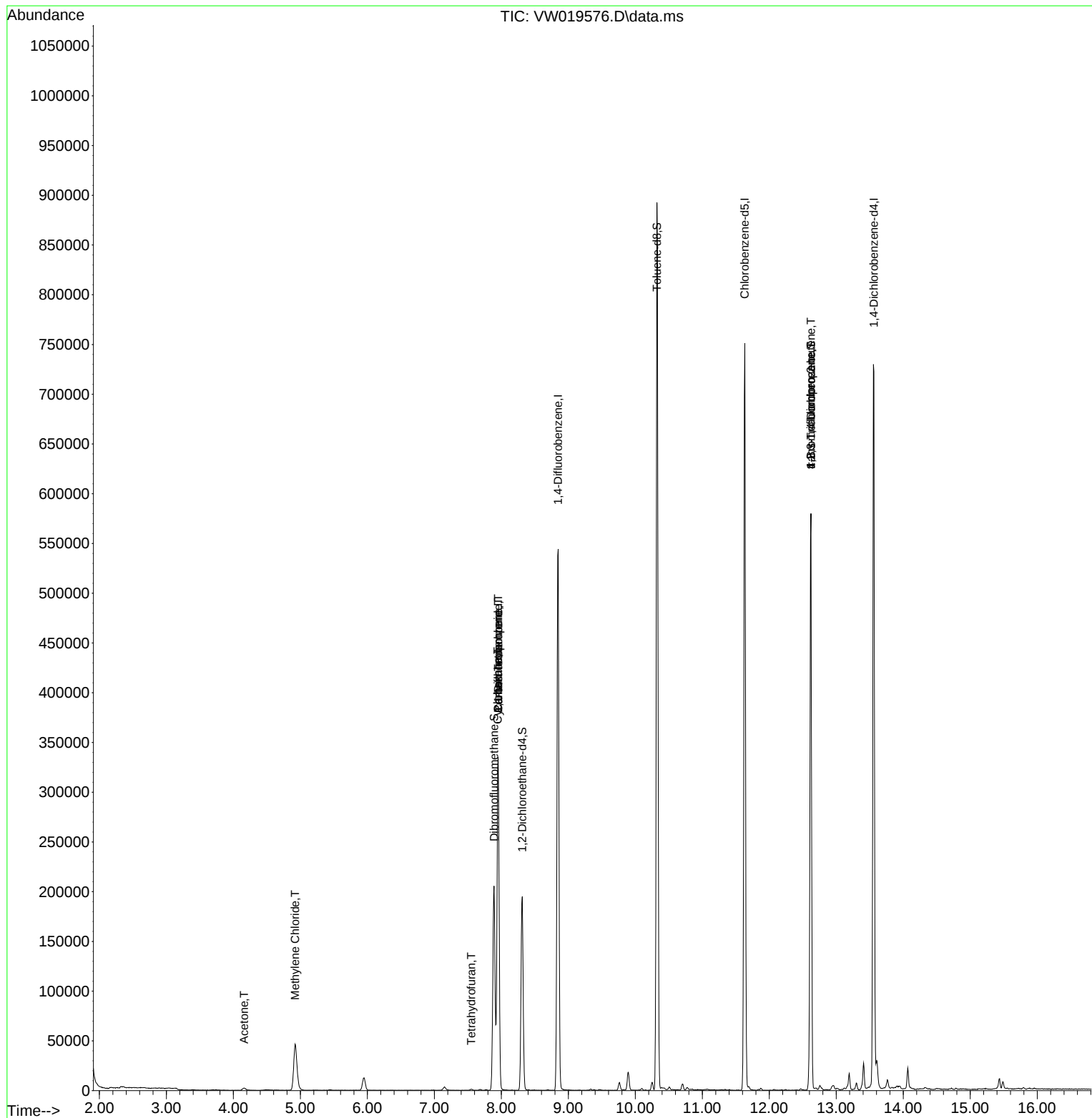
Internal Standards						
1) Pentafluorobenzene	7.952	168	249222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	462951	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	419512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	194840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	159789	67.890	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 135.780%	
35) Dibromofluoromethane	7.891	113	146502	51.796	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.600%	
50) Toluene-d8	10.323	98	585636	53.477	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.960%	
62) 4-Bromofluorobenzene	12.621	95	203416	49.519	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.040%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.190	59	19	Below Cal	#	73
16) Acetone	4.160	43	5630	12.421	ug/l	98
20) Methylene Chloride	4.922	84	40348	9.874	ug/l	95
29) Tetrahydrofuran	7.549	42	840	1.622	ug/l #	71
31) Cyclohexane	7.945	56	5380	1.027	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	20721	4.198	ug/l #	50
38) Carbon Tetrachloride	7.952	117	24731	5.736	ug/l #	15
76) 1,2,3-Trichloropropane	12.621	75	99821	51.838	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	99821	118.137	ug/l #	12

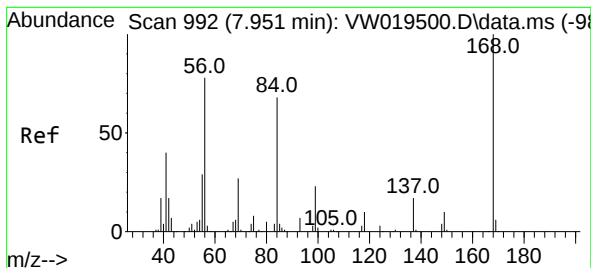
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
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QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration

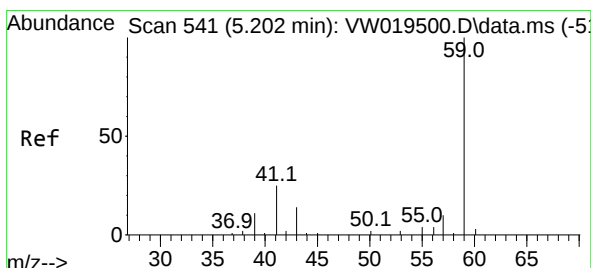
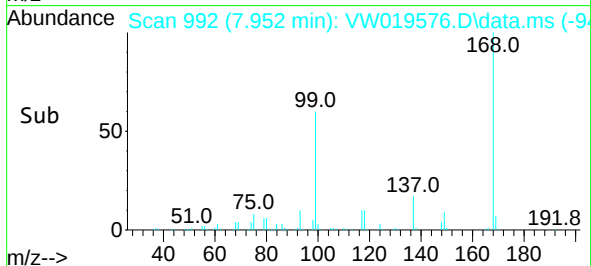
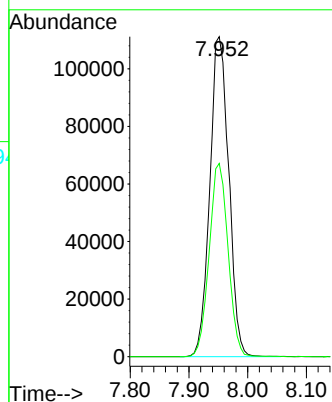
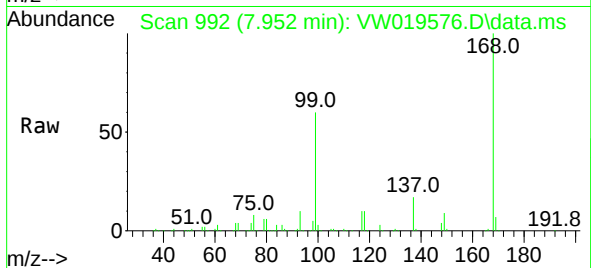




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

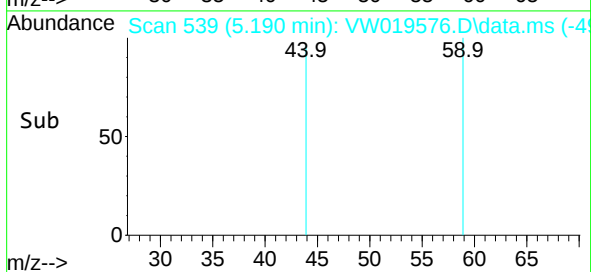
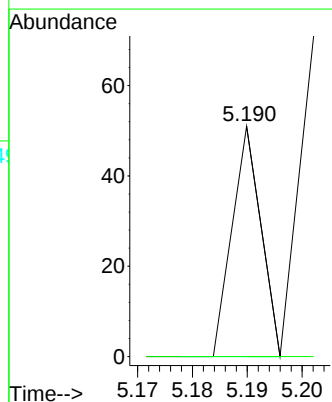
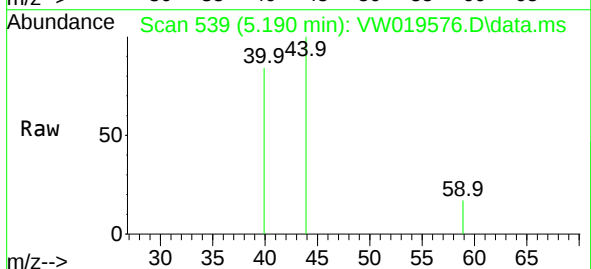
Instrument :
MSVOA_W
ClientSampleId :

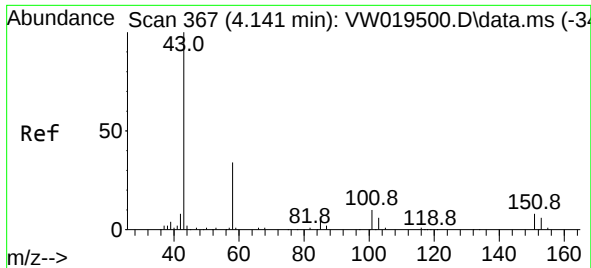
Tgt Ion:168 Resp: 249222
Ion Ratio Lower Upper
168 100
99 60.4 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. -0.012 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

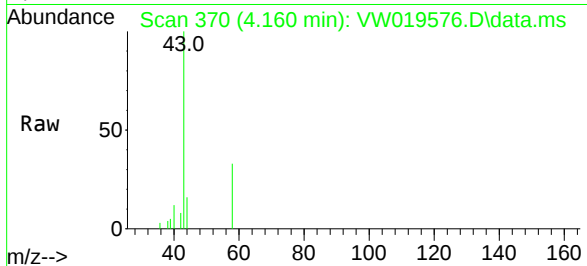
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



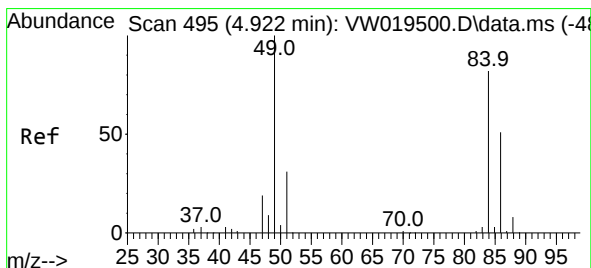
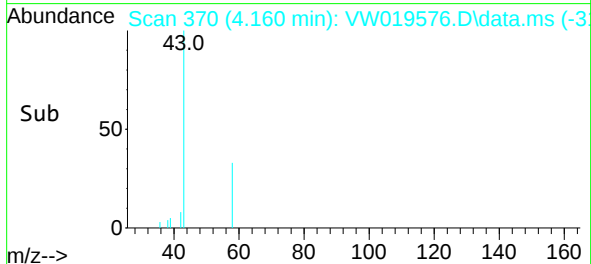
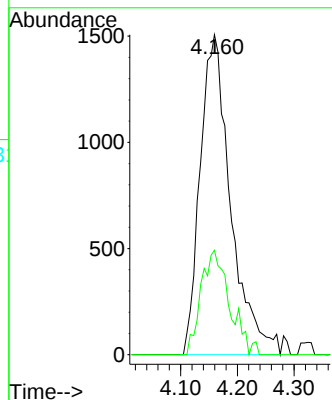


#16
Acetone
Concen: 12.421 ug/l
RT: 4.160 min Scan# 370
Delta R.T. 0.018 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

Instrument :
MSVOA_W
ClientSampled :

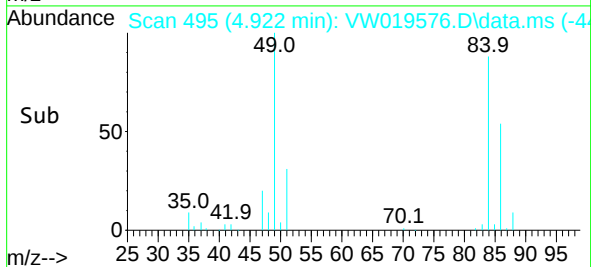
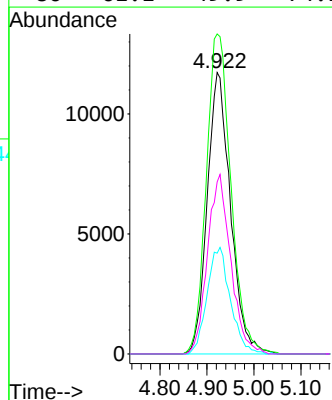
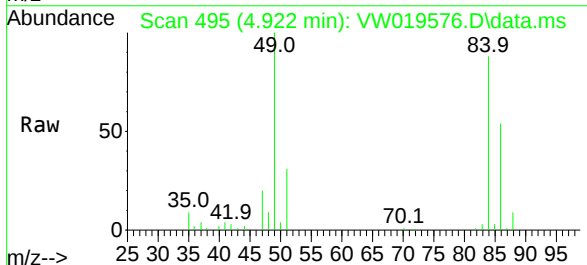


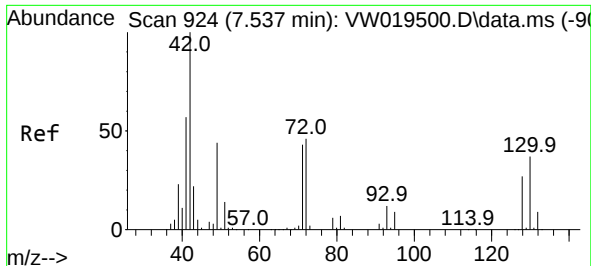
Tgt Ion: 43 Resp: 5630
Ion Ratio Lower Upper
43 100
58 32.6 27.2 40.8



#20
Methylene Chloride
Concen: 9.874 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

Tgt Ion: 84 Resp: 40348
Ion Ratio Lower Upper
84 100
49 113.7 97.2 145.8
51 35.8 30.1 45.1
86 61.1 49.9 74.9





#29

Tetrahydrofuran

Concen: 1.622 ug/l

RT: 7.549 min Scan# 926

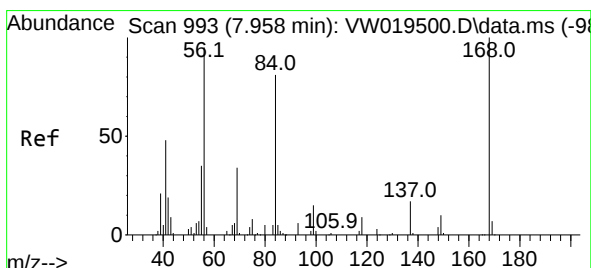
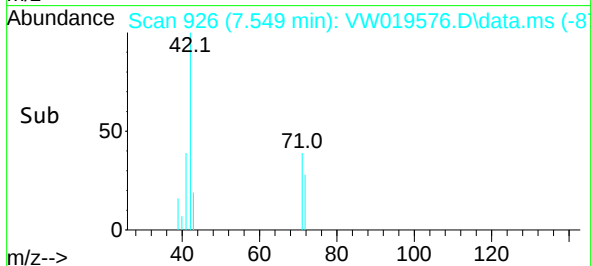
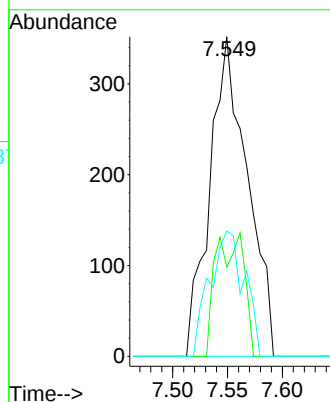
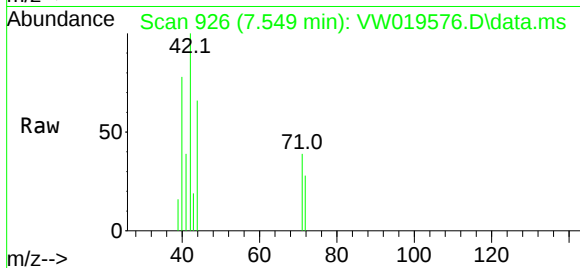
Delta R.T. 0.012 min

Lab File: VW019576.D

Acq: 23 Jul 2021 16:26

Tgt Ion:	42	Resp:	840
Ion	Ratio	Lower	Upper
42	100		
72	14.4	35.8	53.8#
71	36.0	33.4	50.2

Instrument :
MSVOA_W
ClientSampleId :



#31

Cyclohexane

Concen: 1.027 ug/l

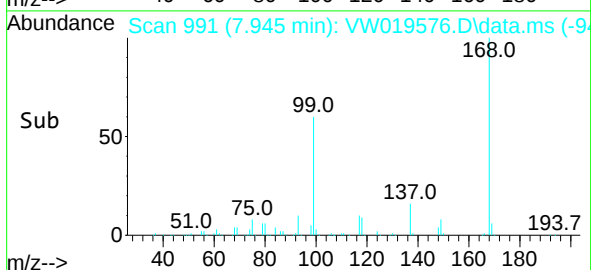
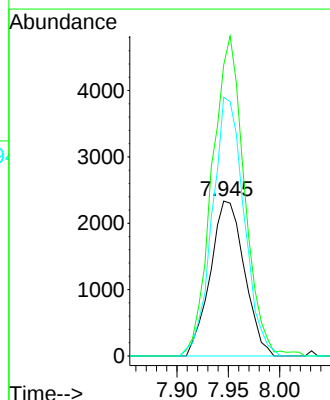
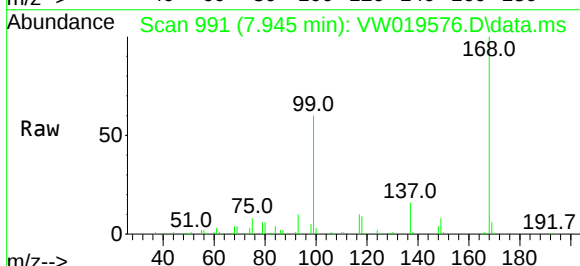
RT: 7.945 min Scan# 991

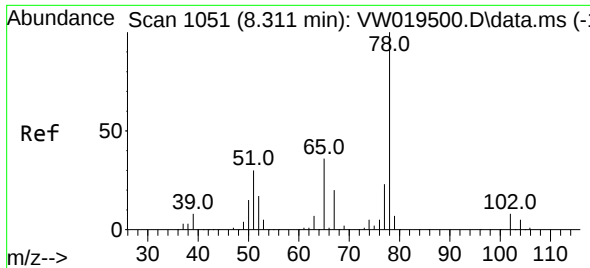
Delta R.T. -0.012 min

Lab File: VW019576.D

Acq: 23 Jul 2021 16:26

Tgt Ion:	56	Resp:	5380
Ion	Ratio	Lower	Upper
56	100		
69	187.9	28.3	42.5#
84	167.0	68.1	102.1#

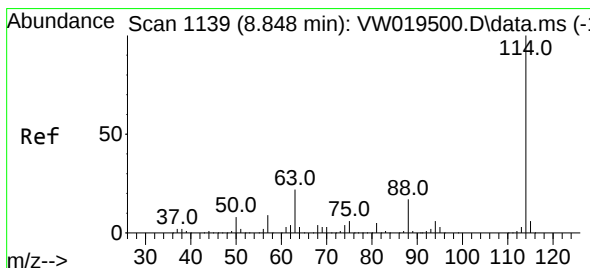
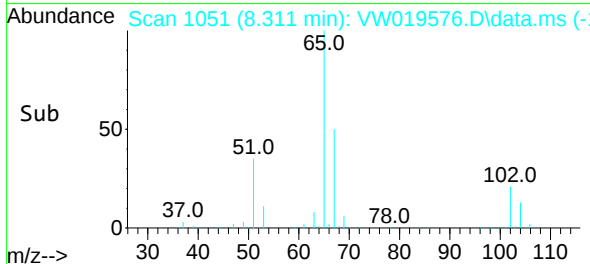
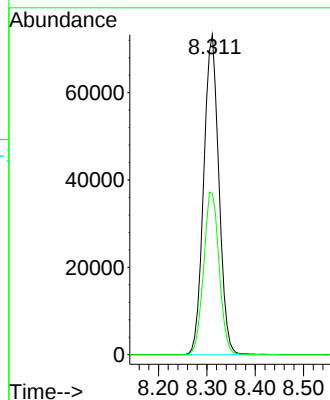
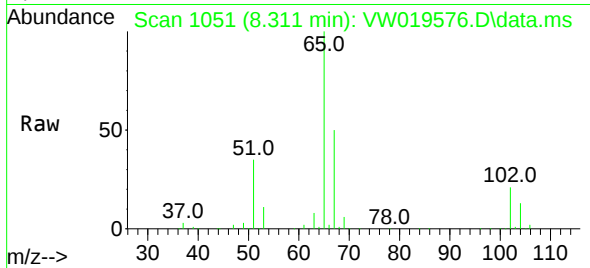




#33
 1,2-Dichloroethane-d4
 Concen: 67.890 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.000 min
 Lab File: VW019576.D
 Acq: 23 Jul 2021 16:26

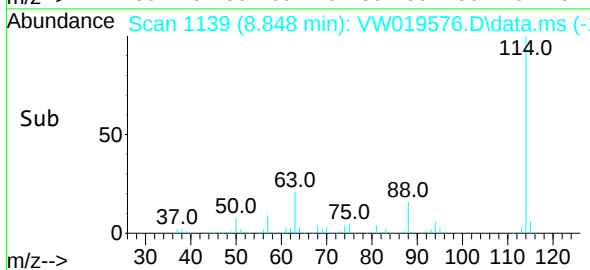
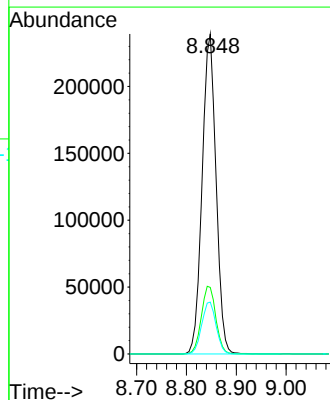
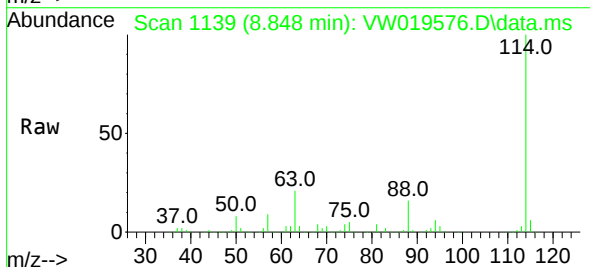
Instrument :
 MSVOA_W
 ClientSampleId :

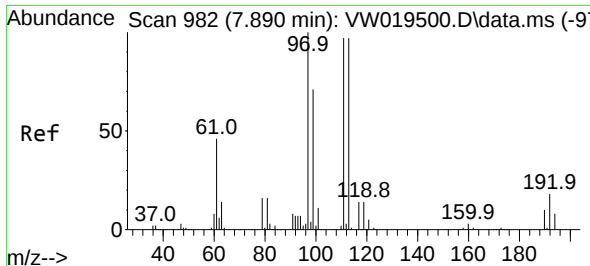
Tgt Ion: 65 Resp: 159789
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.848 min Scan# 1139
 Delta R.T. 0.000 min
 Lab File: VW019576.D
 Acq: 23 Jul 2021 16:26

Tgt Ion: 114 Resp: 462951
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.8
 88 16.2 0.0 33.4

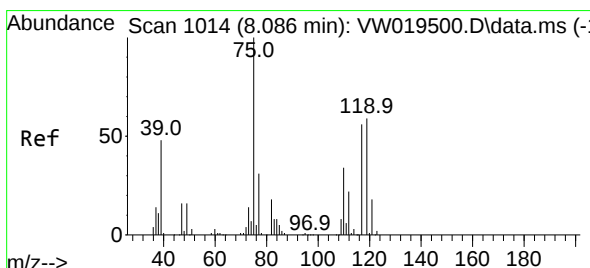
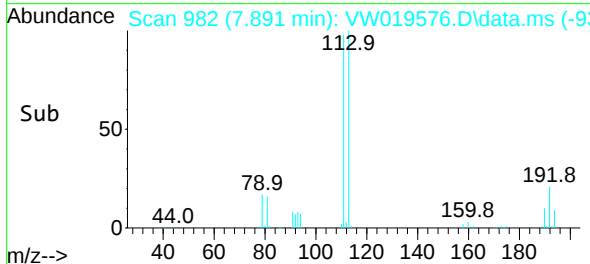
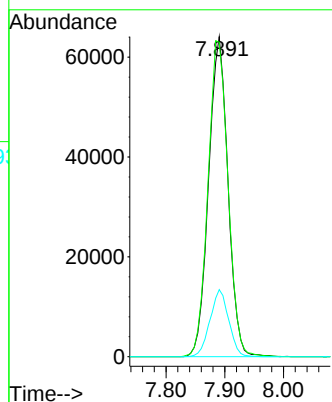
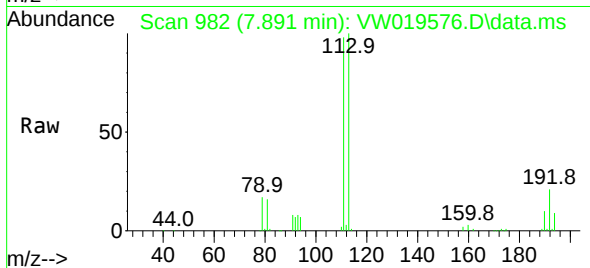




#35
Dibromofluoromethane
Concen: 51.796 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

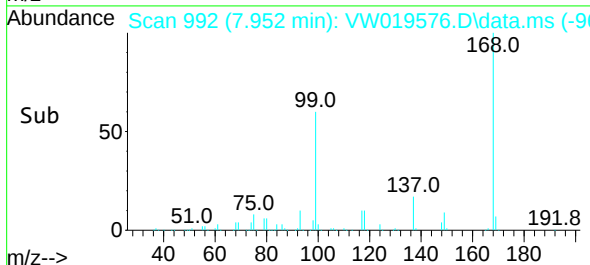
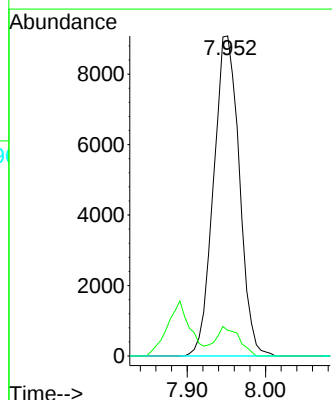
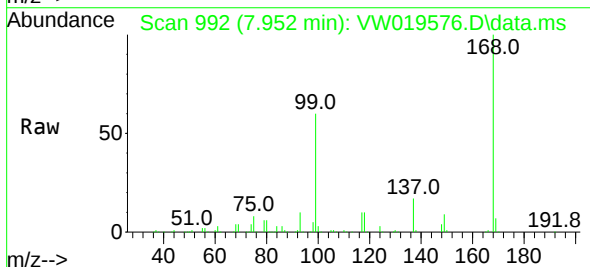
Instrument :
MSVOA_W
ClientSampleId :

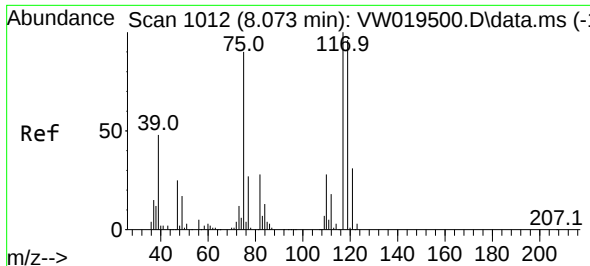
Tgt Ion:113 Resp: 146502
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 20.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.198 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

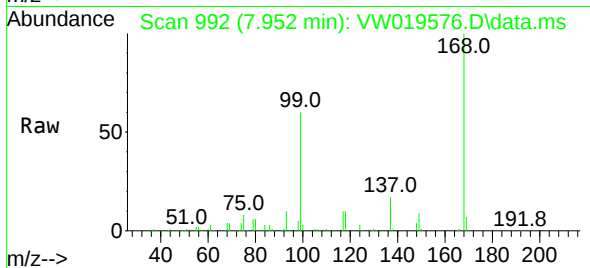
Tgt Ion: 75 Resp: 20721
Ion Ratio Lower Upper
75 100
110 8.6 16.6 49.7#
77 0.0 25.1 37.7#



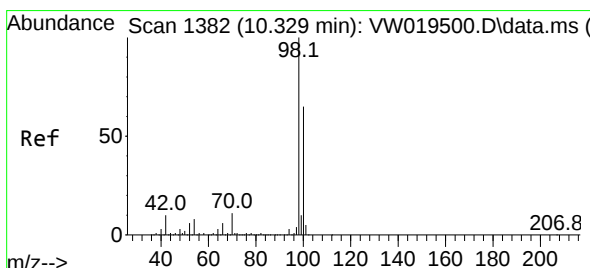
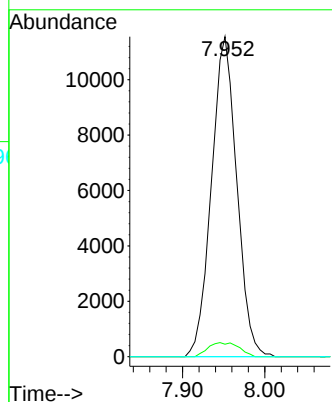
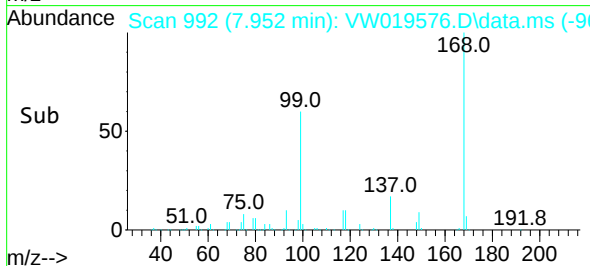


#38
Carbon Tetrachloride
Concen: 5.736 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

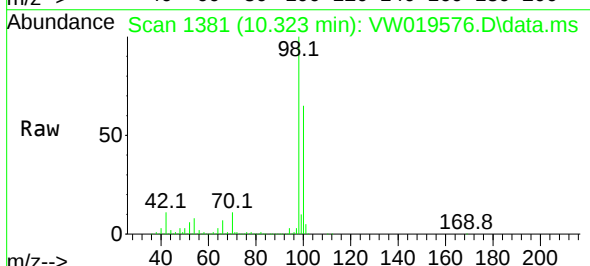
Instrument :
MSVOA_W
ClientSampleId :



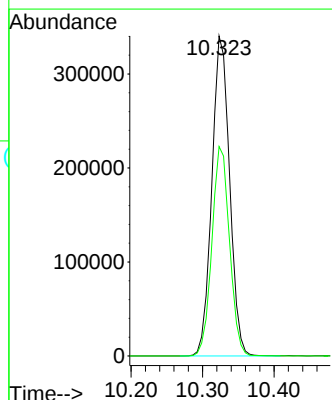
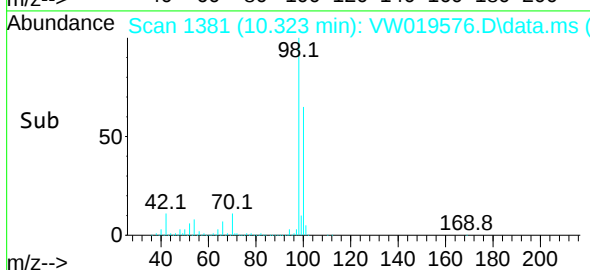
Tgt Ion:117 Resp: 24731
Ion Ratio Lower Upper
117 100
119 3.9 76.7 115.1#
121 0.0 24.8 37.2#

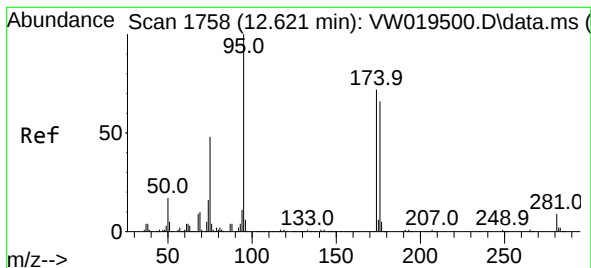


#50
Toluene-d8
Concen: 53.477 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26



Tgt Ion: 98 Resp: 585636
Ion Ratio Lower Upper
98 100
100 65.1 52.2 78.4

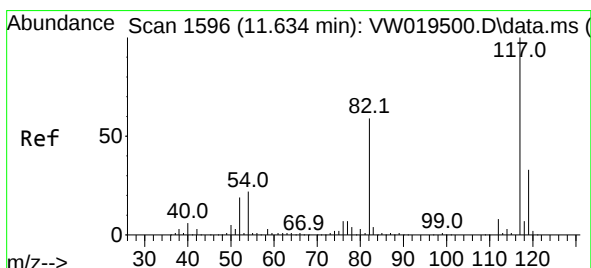
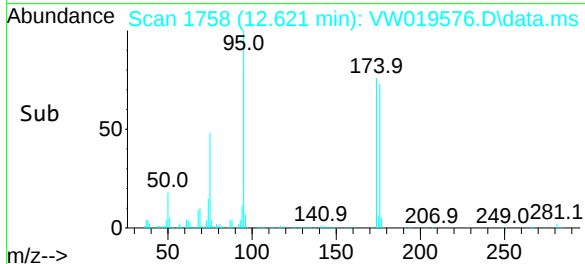
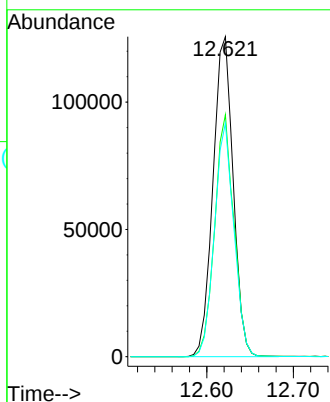
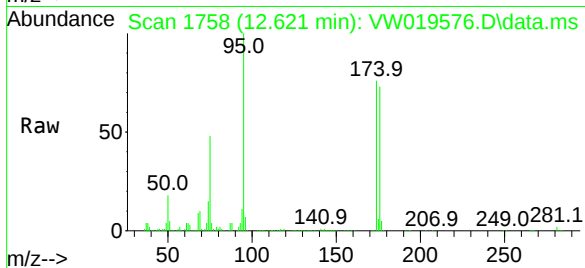




#62
4-Bromofluorobenzene
Concen: 49.519 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

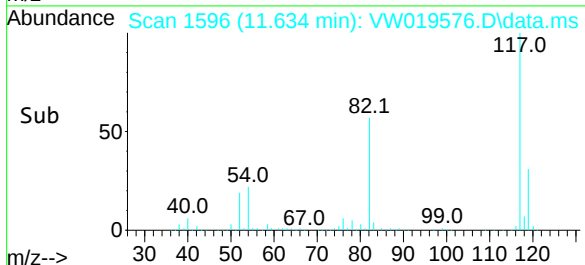
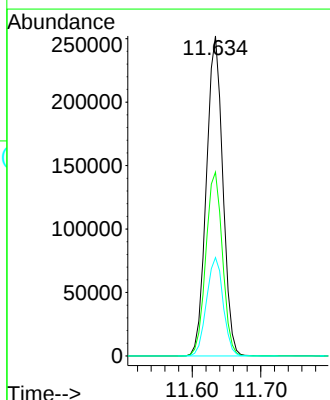
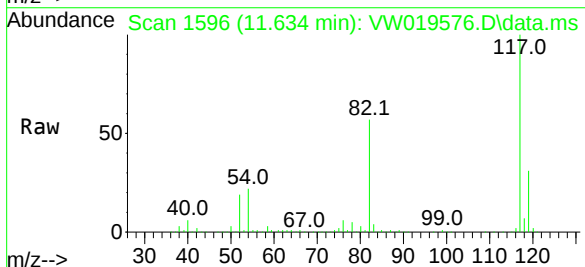
Instrument :
MSVOA_W
ClientSampleId :

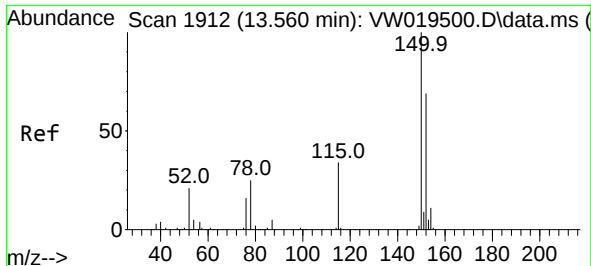
Tgt Ion: 95 Resp: 203416
Ion Ratio Lower Upper
95 100
174 72.6 0.0 146.6
176 70.4 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

Tgt Ion: 117 Resp: 419512
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.0
119 30.8 26.6 39.8

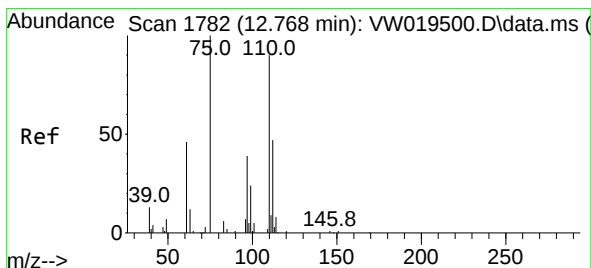
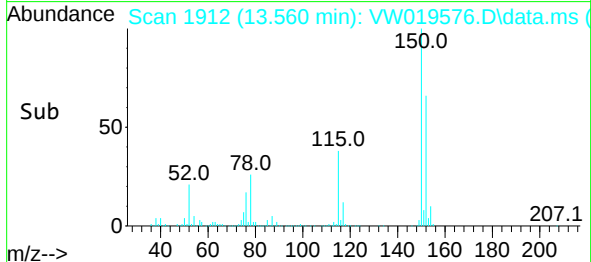
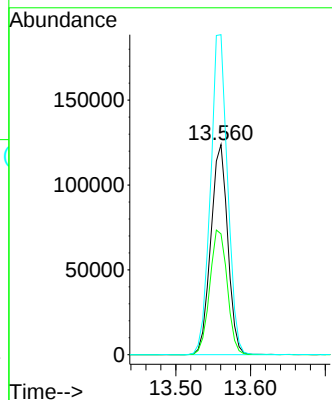
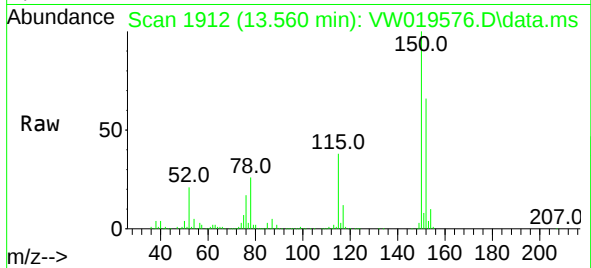




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

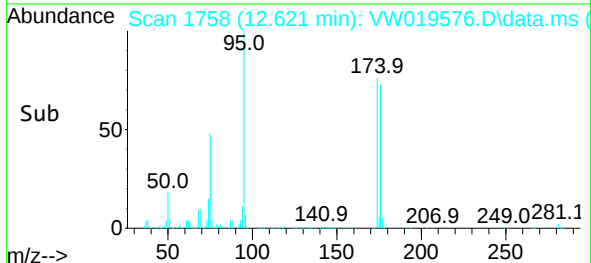
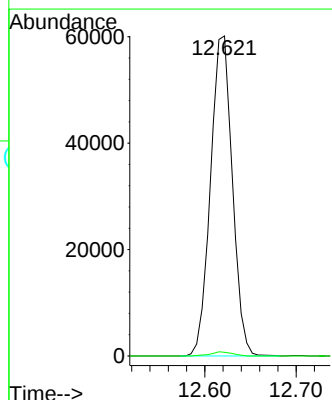
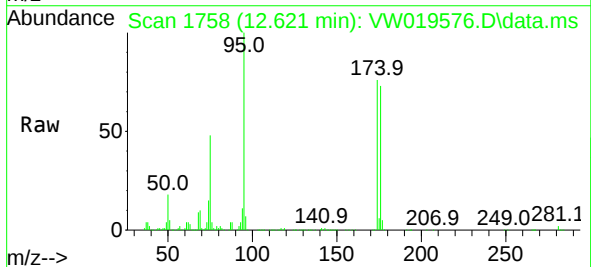
Instrument :
MSVOA_W
ClientSampleId :

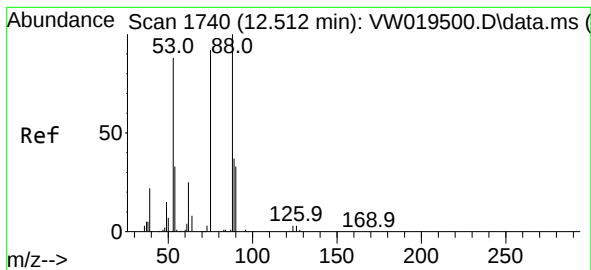
Tgt Ion:152 Resp: 194840
Ion Ratio Lower Upper
152 100
115 61.2 30.6 91.8
150 154.0 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 51.838 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019576.D
Acq: 23 Jul 2021 16:26

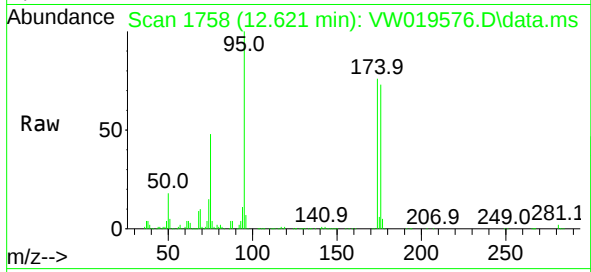
Tgt Ion: 75 Resp: 99821
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.137 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.110 min
 Lab File: VW019576.D
 Acq: 23 Jul 2021 16:26

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 99821
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 35.7 53.5#

