

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019585.D
 Acq On : 23 Jul 2021 20:14
 Operator : SY/VA
 Sample : M3152-01
 Misc : 6.61g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:21:58 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)

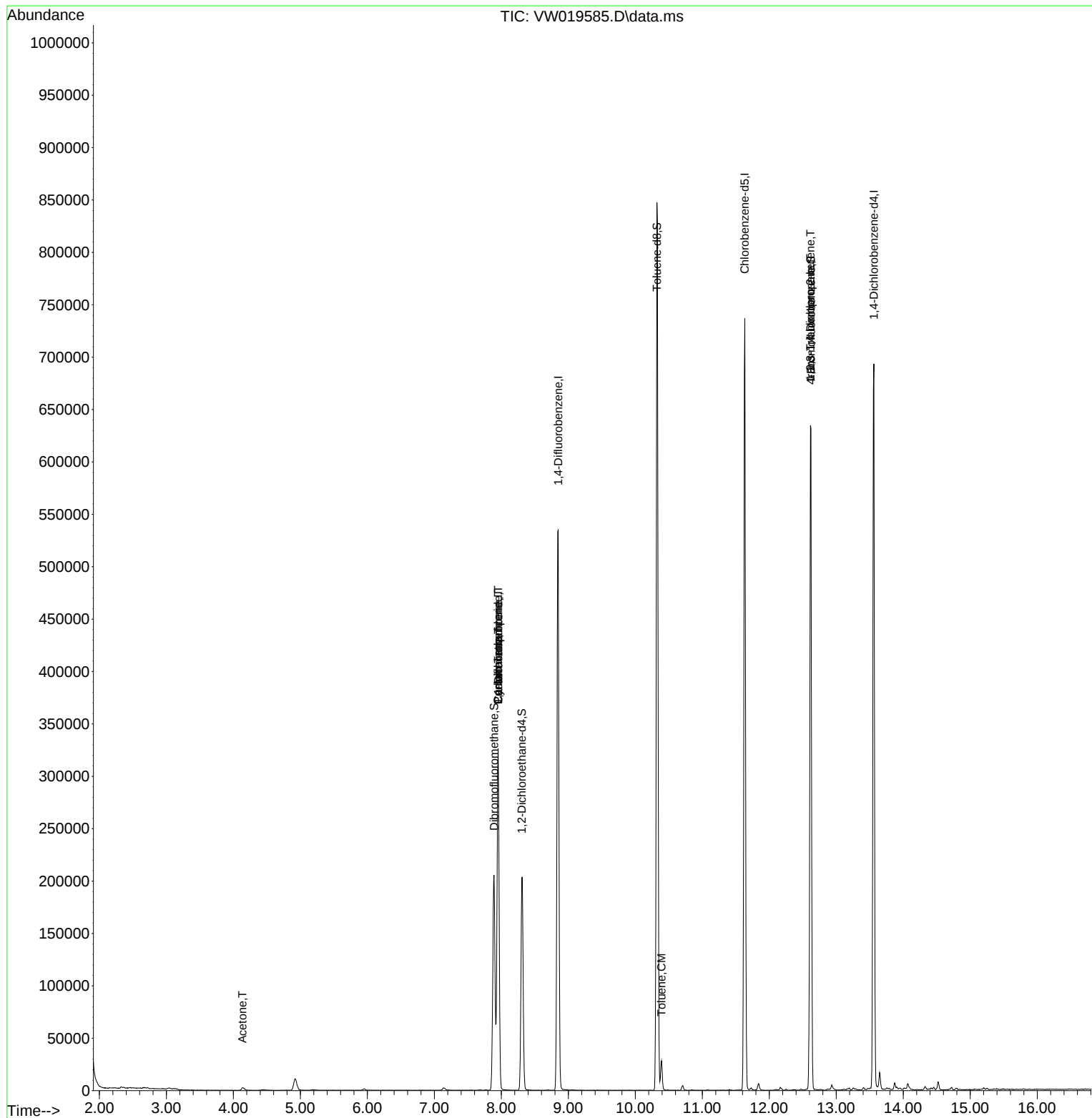
Internal Standards						
1) Pentafluorobenzene	7.951	168	232561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	450501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	409161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	183559	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	167497	76.882	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 153.760%	
35) Dibromofluoromethane	7.891	113	149222	54.216	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.440%	
50) Toluene-d8	10.323	98	566526	53.162	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.621	95	200314	50.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.184	59	971	Below Cal	#	73
16) Acetone	4.135	43	5140	12.152	ug/l	88
20) Methylene Chloride	4.922	84	9392	Below Cal		97
31) Cyclohexane	7.951	56	5159	1.056	ug/l #	1
36) 1,1-Dichloropropene	7.951	75	19502	4.061	ug/l #	49
38) Carbon Tetrachloride	7.951	117	24351	5.804	ug/l #	17
52) Toluene	10.390	92	11516	1.380	ug/l	97
76) 1,2,3-Trichloropropane	12.615	75	101030	55.690	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	101030	126.916	ug/l #	12

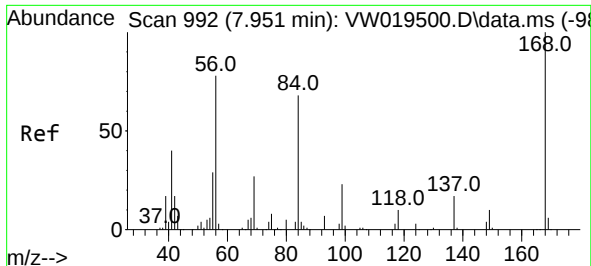
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
Data File : VW019585.D
Acq On : 23 Jul 2021 20:14
Operator : SY/VA
Sample : M3152-01
Misc : 6.61g/5.0mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

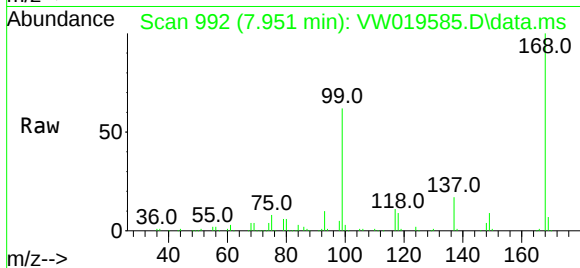
Quant Time: Jul 24 05:21:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
Response via : Initial Calibration



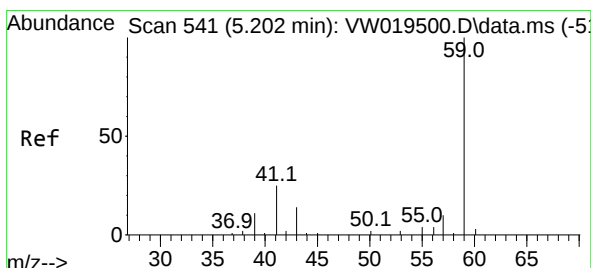
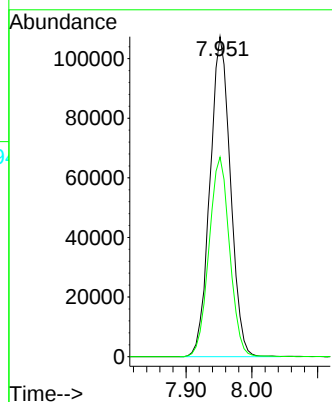
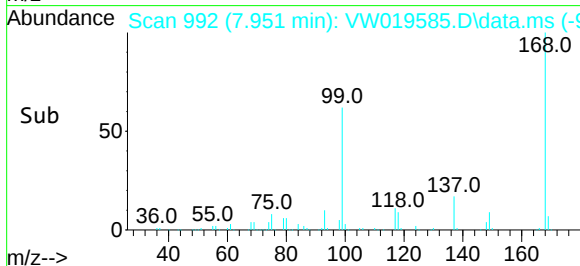


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

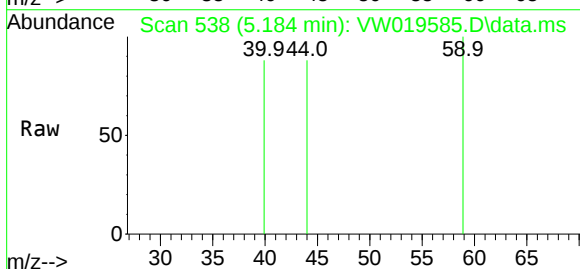
Instrument :
MSVOA_W
ClientSampled :



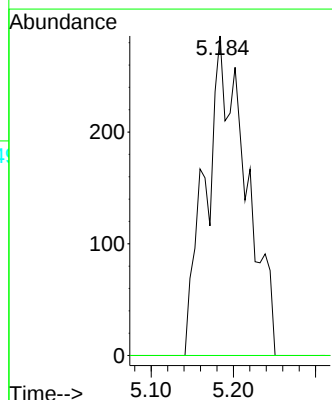
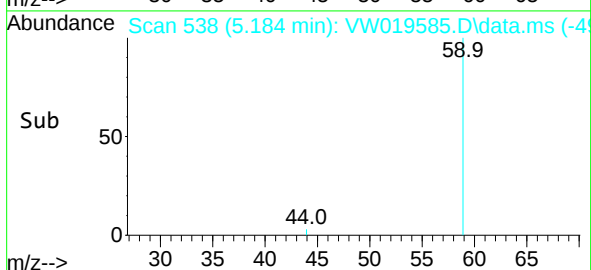
Tgt Ion:168 Resp: 232561
Ion Ratio Lower Upper
168 100
99 62.3 51.9 77.9

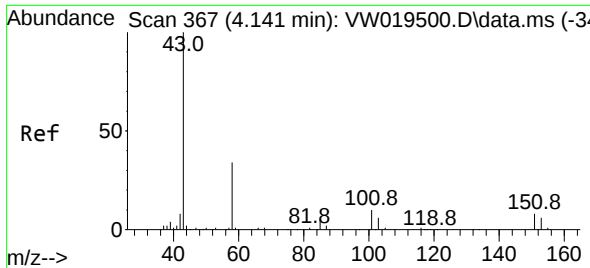


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.184 min Scan# 538
Delta R.T. -0.018 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14



Tgt Ion: 59 Resp: 971
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

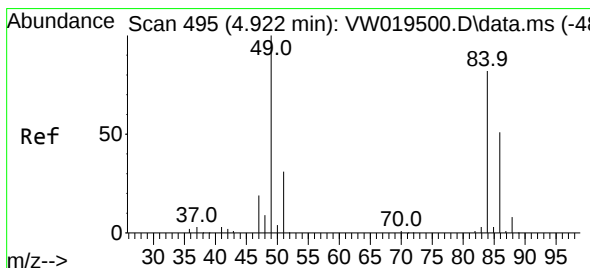
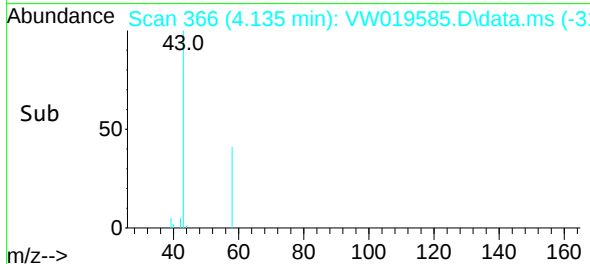
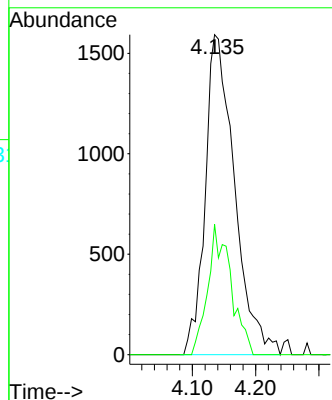
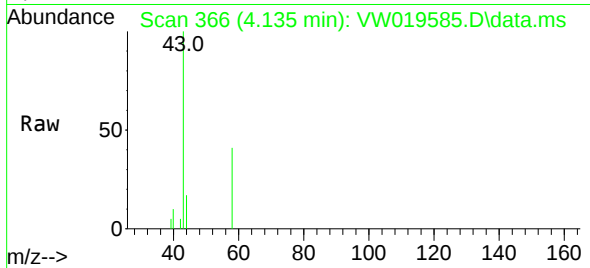




#16
Acetone
Concen: 12.152 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

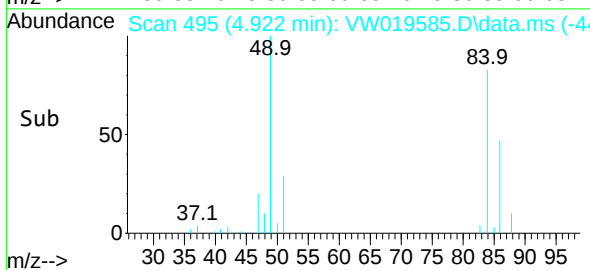
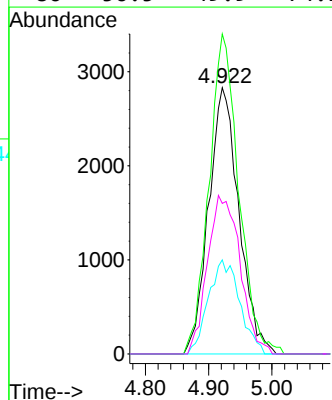
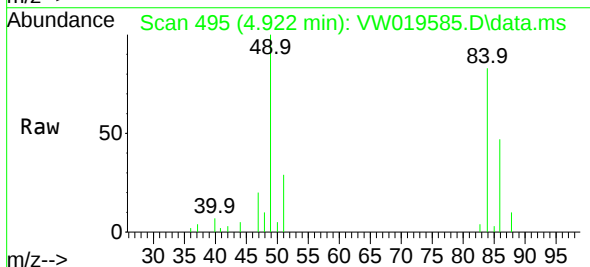
Instrument :
MSVOA_W
ClientSampled :

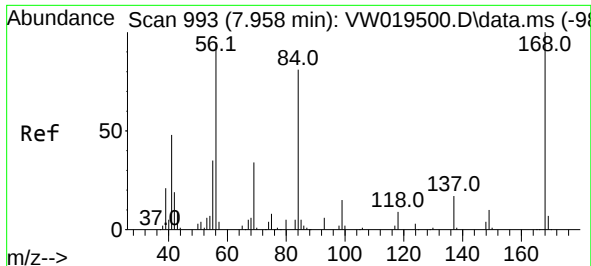
Tgt Ion: 43 Resp: 5140
Ion Ratio Lower Upper
43 100
58 40.7 27.2 40.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

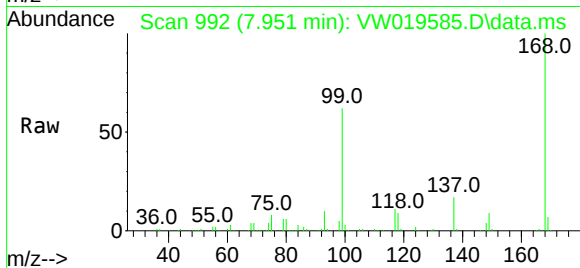
Tgt Ion: 84 Resp: 9392
Ion Ratio Lower Upper
84 100
49 120.2 97.2 145.8
51 35.3 30.1 45.1
86 56.5 49.9 74.9



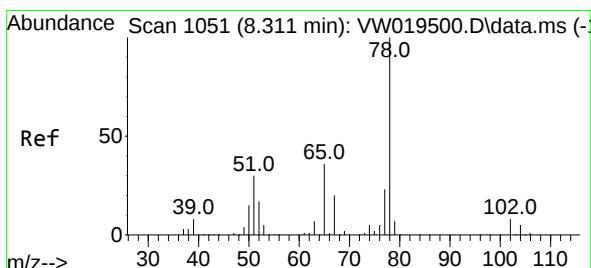
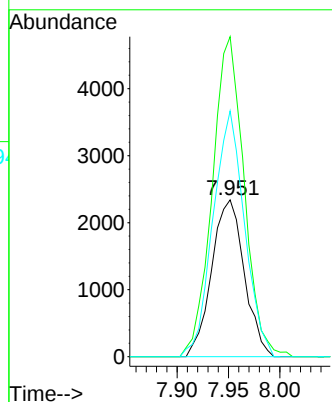
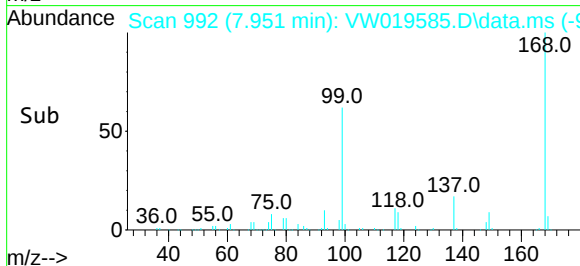


#31
Cyclohexane
Concen: 1.056 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

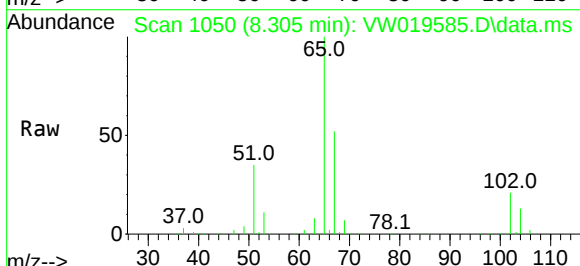
Instrument :
MSVOA_W
ClientSampleId :



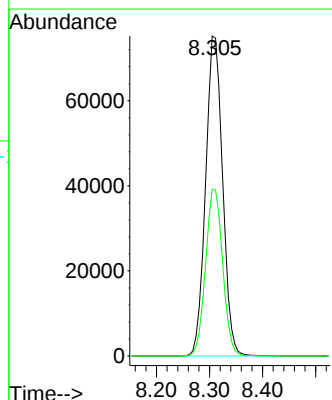
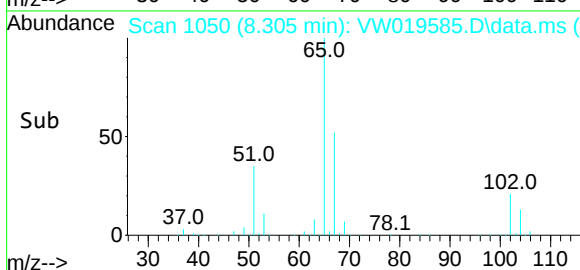
Tgt Ion: 56 Resp: 5159
Ion Ratio Lower Upper
56 100
69 204.1 28.3 42.5#
84 156.8 68.1 102.1#

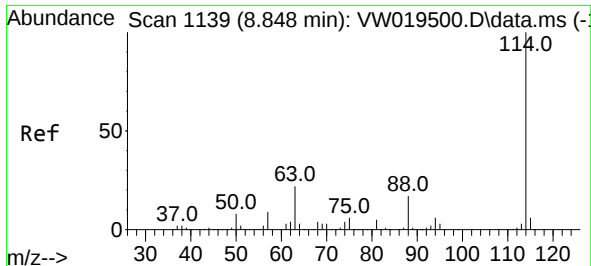


#33
1,2-Dichloroethane-d4
Concen: 76.882 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14



Tgt Ion: 65 Resp: 167497
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.8

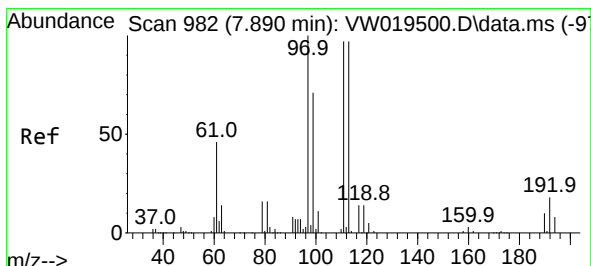
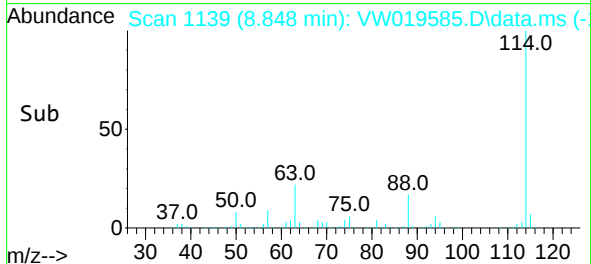
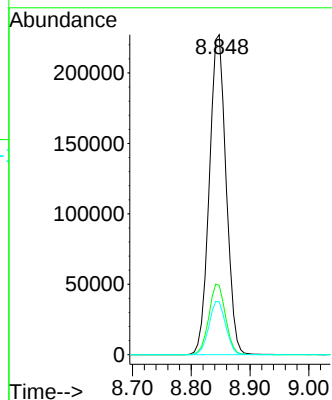
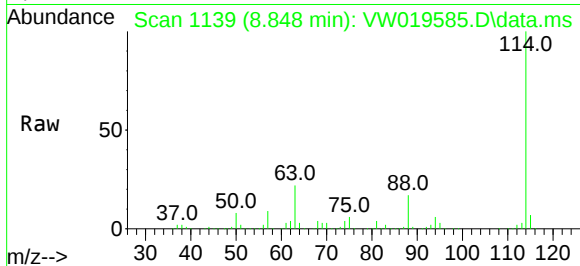




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

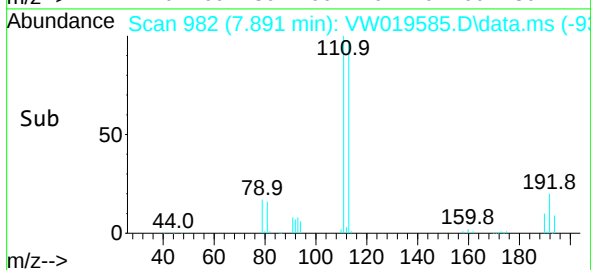
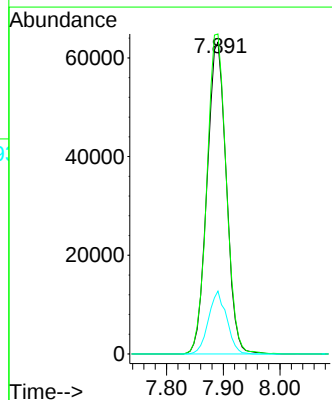
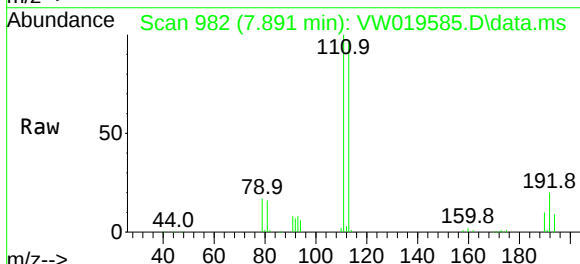
Instrument :
MSVOA_W
ClientSampled :

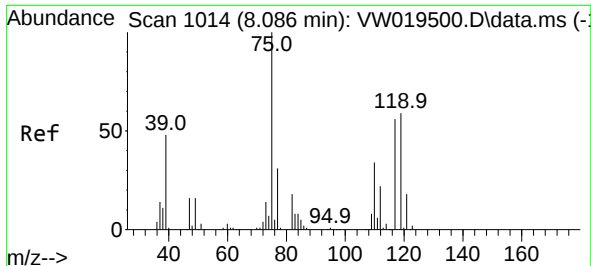
Tgt Ion:114	Resp: 450501
Ion Ratio	Lower Upper
114 100	
63 21.6	0.0 43.8
88 16.5	0.0 33.4



#35
Dibromofluoromethane
Concen: 54.216 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

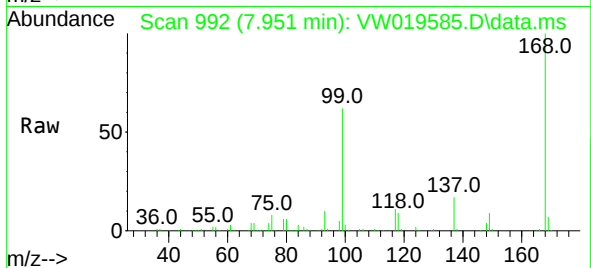
Tgt Ion:113	Resp: 149222
Ion Ratio	Lower Upper
113 100	
111 103.1	83.8 125.6
192 19.0	15.4 23.2



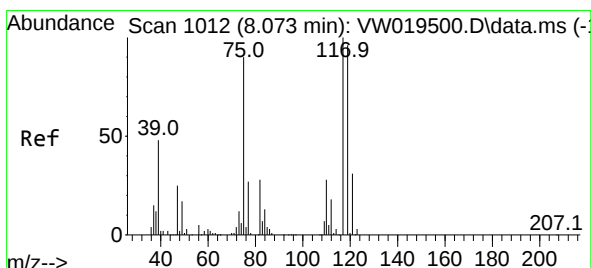
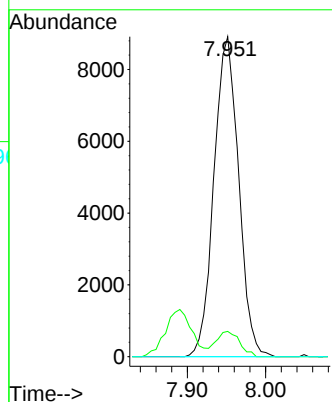
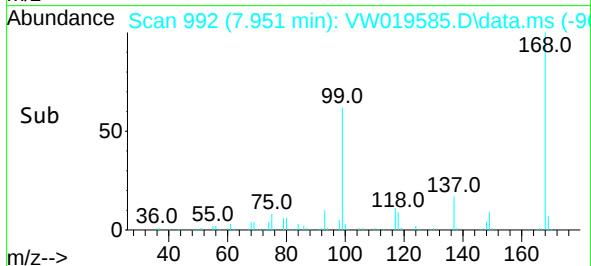


#36
1,1-Dichloropropene
Concen: 4.061 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

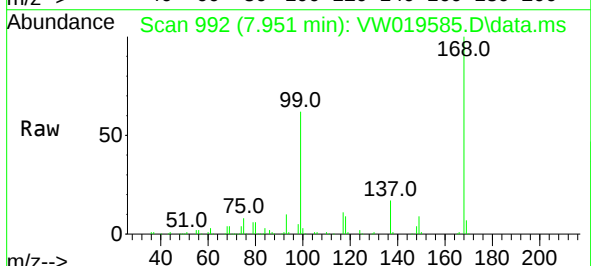
Instrument :
MSVOA_W
ClientSampled :



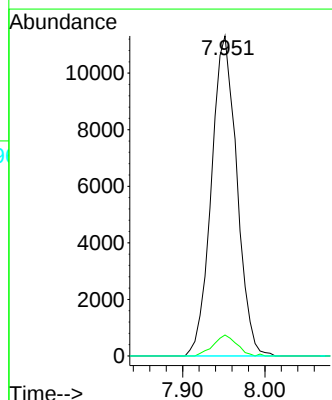
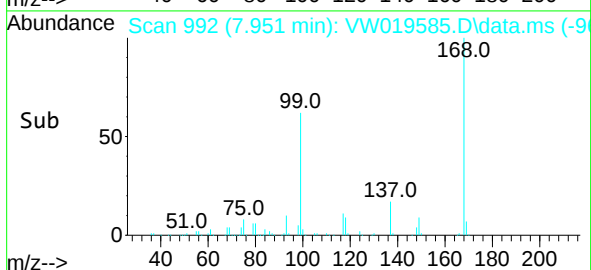
Tgt Ion: 75 Resp: 19502
Ion Ratio Lower Upper
75 100
110 7.4 16.6 49.7#
77 0.0 25.1 37.7#

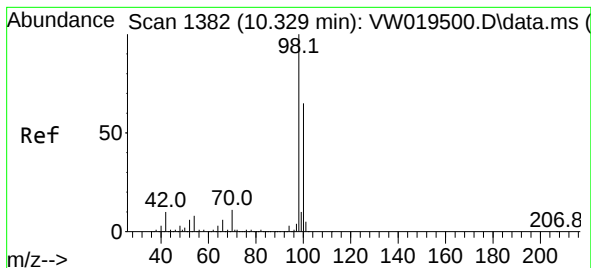


#38
Carbon Tetrachloride
Concen: 5.804 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14



Tgt Ion: 117 Resp: 24351
Ion Ratio Lower Upper
117 100
119 6.5 76.7 115.1#
121 0.0 24.8 37.2#

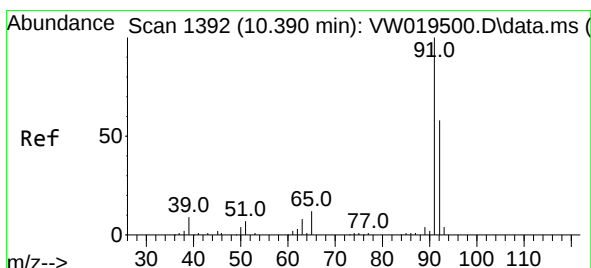
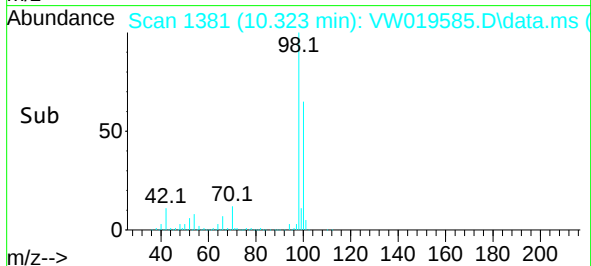
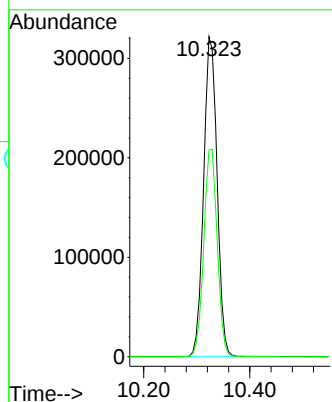
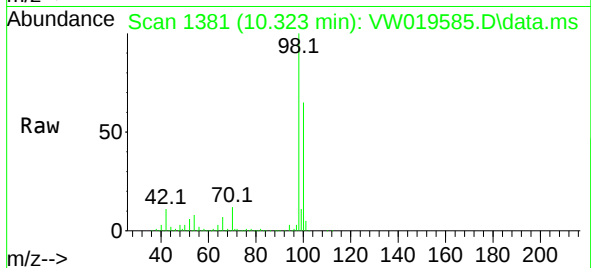




#50
Toluene-d8
Concen: 53.162 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

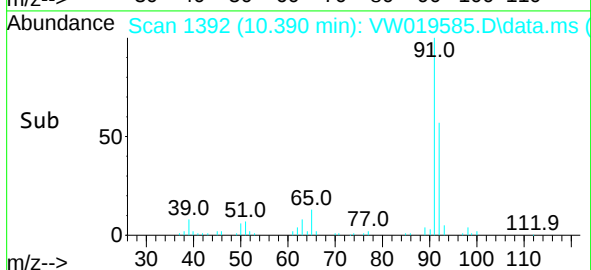
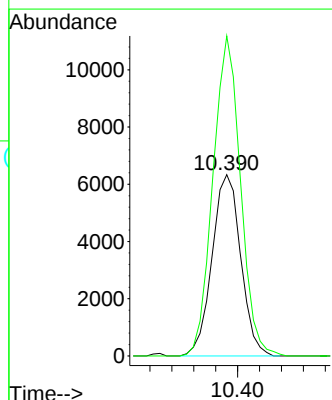
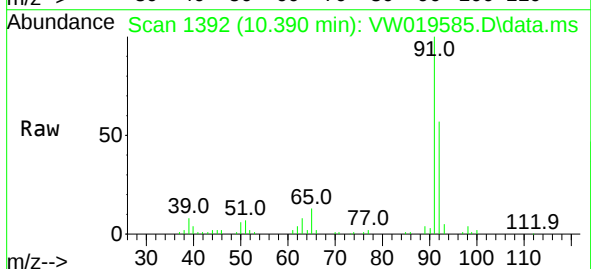
Instrument :
MSVOA_W
ClientSampled :

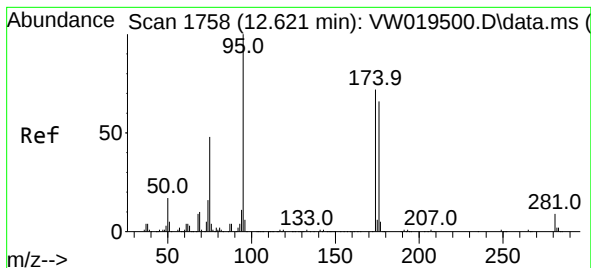
Tgt Ion: 98 Resp: 566526
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#52
Toluene
Concen: 1.380 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Tgt Ion: 92 Resp: 11516
Ion Ratio Lower Upper
92 100
91 169.5 139.3 208.9

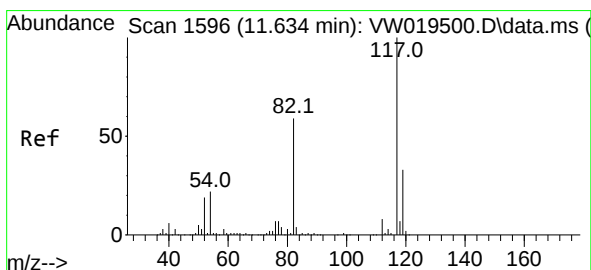
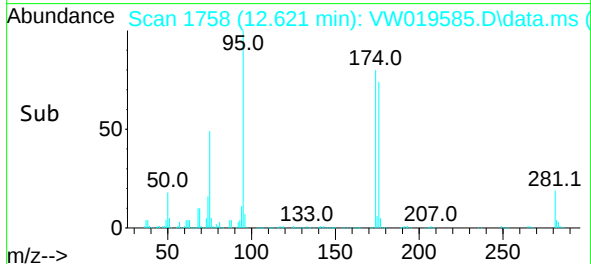
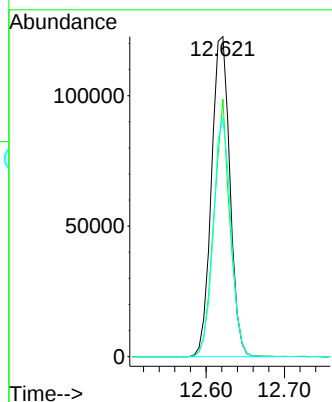
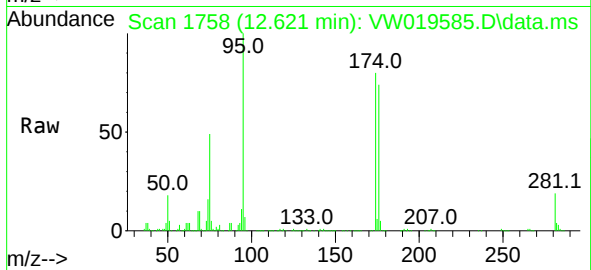




#62
4-Bromofluorobenzene
Concen: 50.112 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

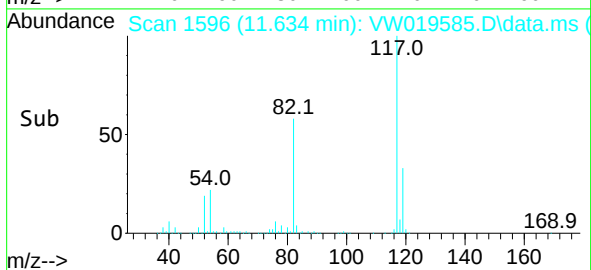
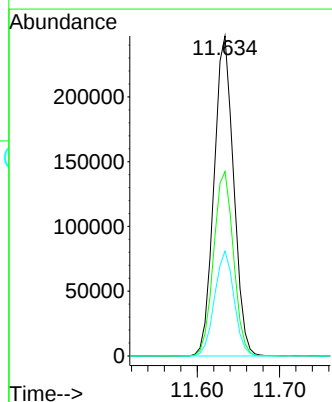
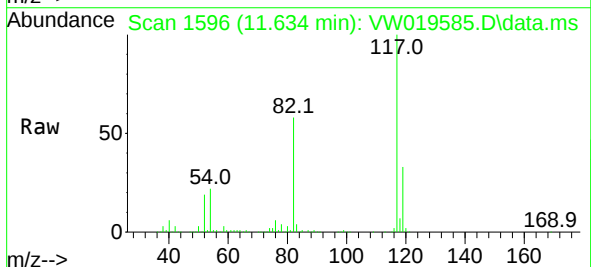
Instrument :
MSVOA_W
ClientSampled :

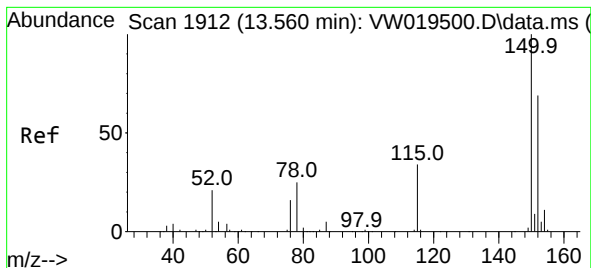
Tgt Ion: 95 Resp: 200314
Ion Ratio Lower Upper
95 100
174 70.6 0.0 146.6
176 71.2 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

Tgt Ion: 117 Resp: 409161
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 32.7 26.6 39.8

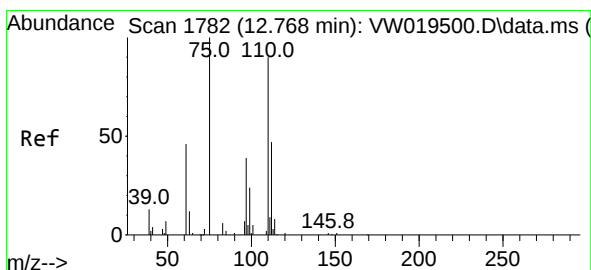
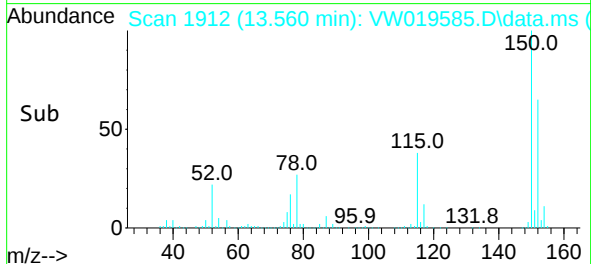
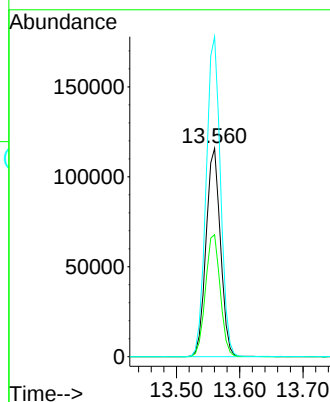
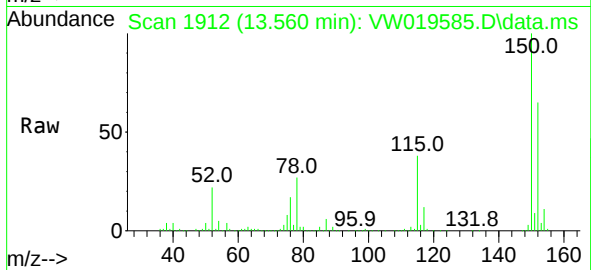




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

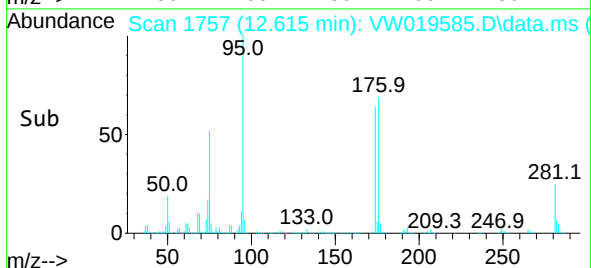
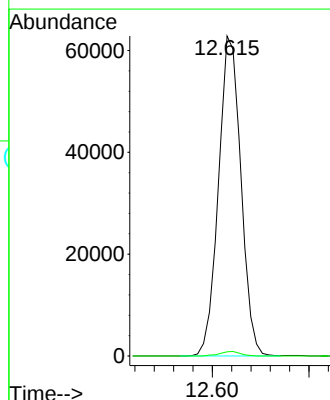
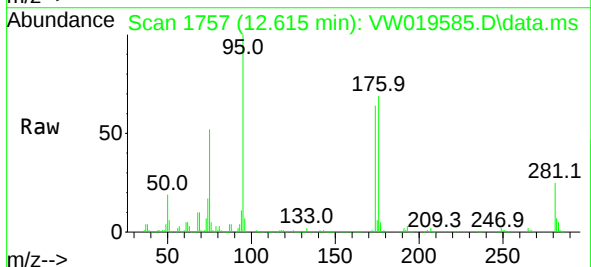
Instrument :
MSVOA_W
ClientSampled :

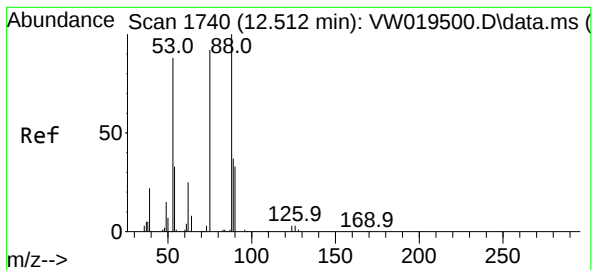
Tgt Ion:152 Resp: 183559
Ion Ratio Lower Upper
152 100
115 59.9 30.6 91.8
150 153.6 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 55.690 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019585.D
Acq: 23 Jul 2021 20:14

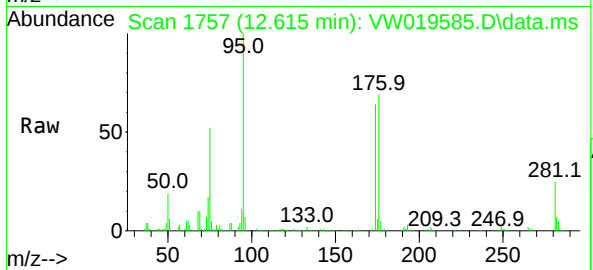
Tgt Ion: 75 Resp: 101030
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.916 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW019585.D
 Acq: 23 Jul 2021 20:14

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 101030
 Ion Ratio Lower Upper
 75 100
 53 0.1 75.8 113.8#
 89 0.4 35.7 53.5#

