

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019579.D
 Acq On : 23 Jul 2021 17:42
 Operator : SY/VA
 Sample : M3143-04
 Misc : 6.66g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:20:35 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)

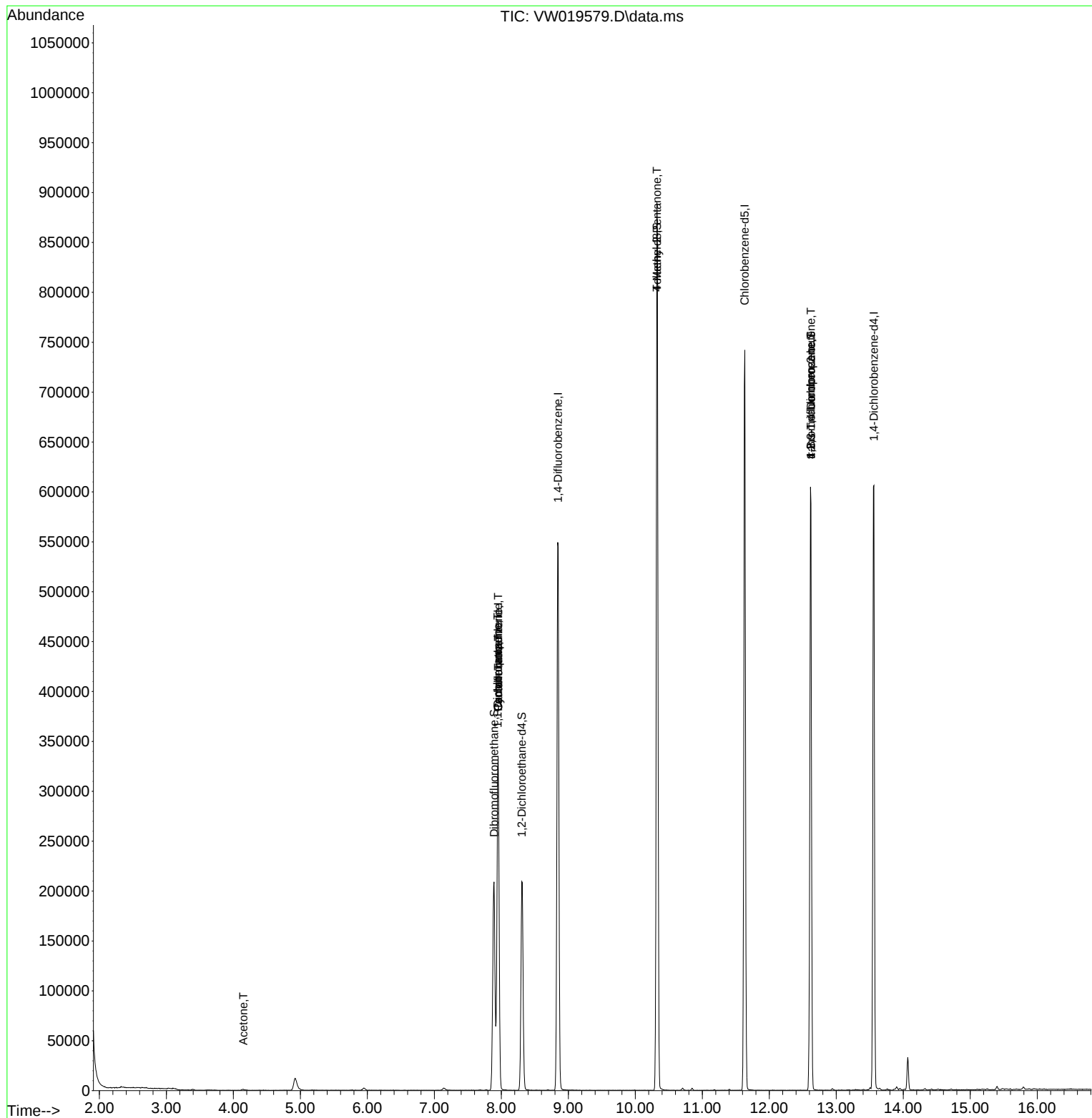
Internal Standards						
1) Pentafluorobenzene	7.951	168	245185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	466387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	414912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	166401	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	169612	73.646	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.300%	
35) Dibromofluoromethane	7.891	113	151774	53.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.520%	
50) Toluene-d8	10.323	98	585222	53.046	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.100%	
62) 4-Bromofluorobenzene	12.621	95	191960	46.386	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.780%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.208	59	376	Below Cal	#	73
16) Acetone	4.147	43	2157	4.837	ug/l #	87
20) Methylene Chloride	4.922	84	9972	Below Cal	#	92
31) Cyclohexane	7.951	56	5268	1.023	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	20285	4.080	ug/l #	51
38) Carbon Tetrachloride	7.951	117	25474	5.865	ug/l #	17
51) 4-Methyl-2-Pentanone	10.323	43	2413	1.201	ug/l #	1
76) 1,2,3-Trichloropropane	12.621	75	96046	58.402	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.621	75	96046	133.096	ug/l #	12

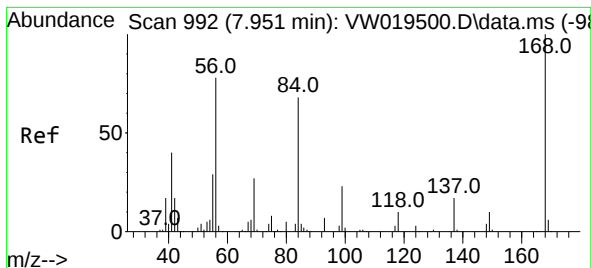
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
Data File : VW019579.D
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 24 05:20:35 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

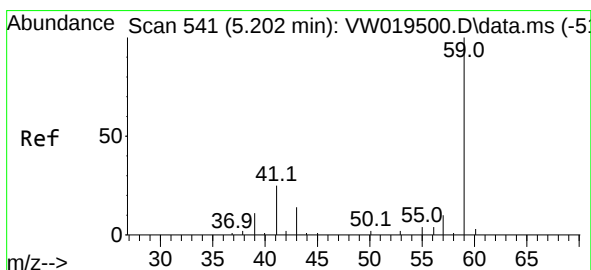
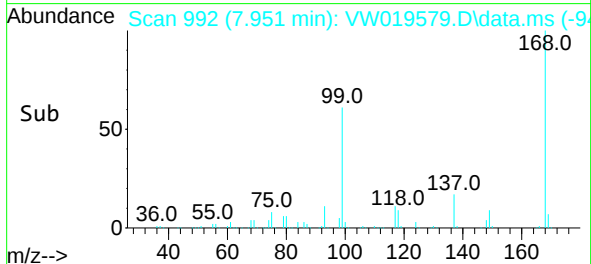
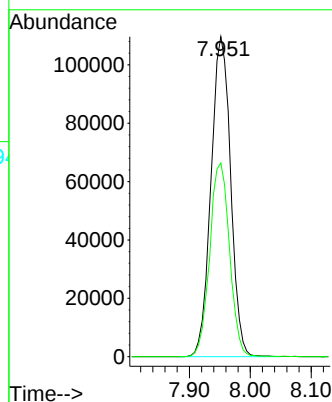
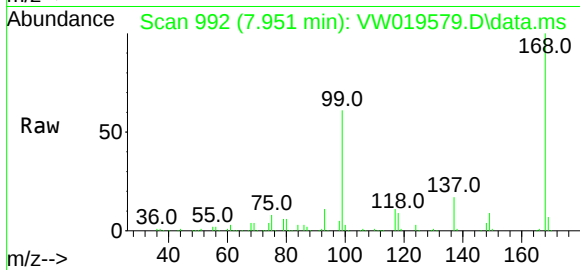




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

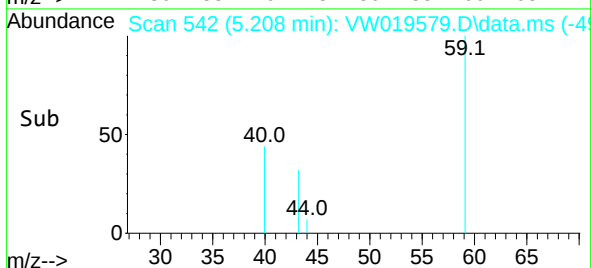
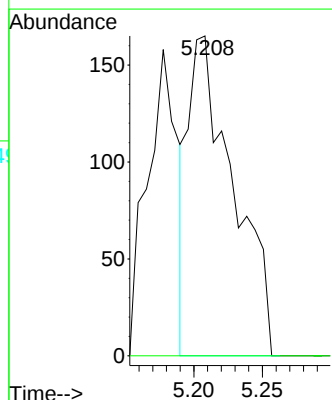
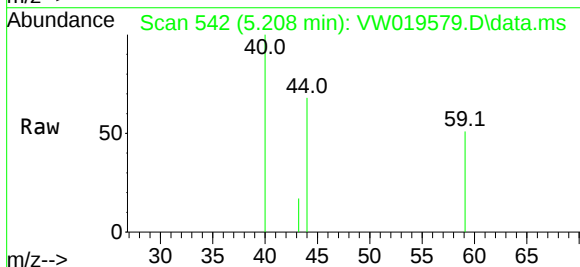
Instrument :
MSVOA_W
ClientSampleId :

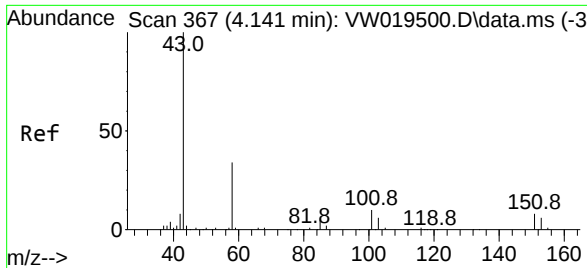
Tgt Ion:168 Resp: 245185
Ion Ratio Lower Upper
168 100
99 60.6 51.9 77.9



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.208 min Scan# 542
Delta R.T. 0.006 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 59 Resp: 376
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

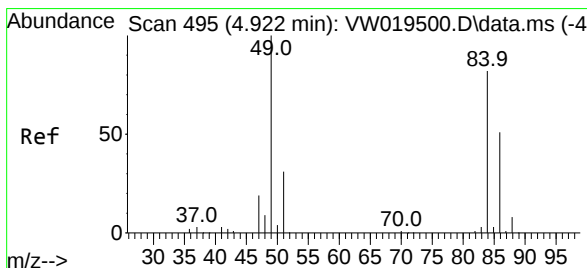
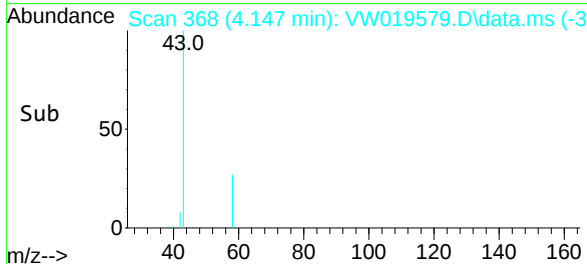
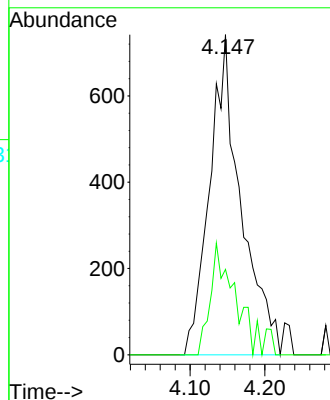
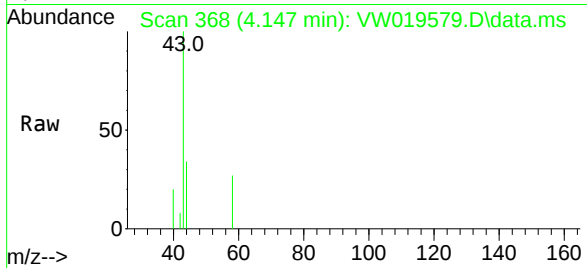




#16
Acetone
Concen: 4.837 ug/l
RT: 4.147 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

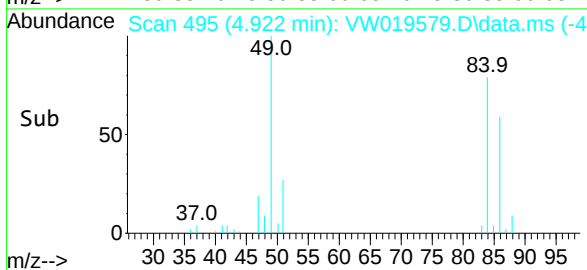
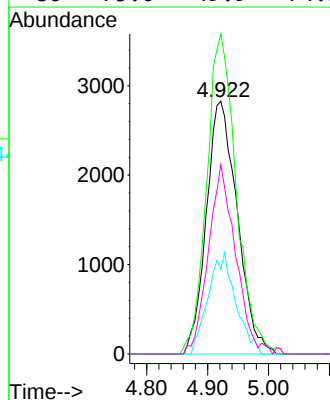
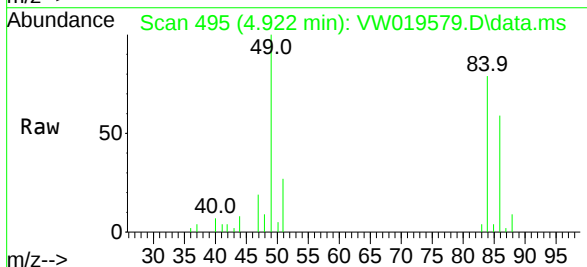
Instrument :
MSVOA_W
ClientSampled :

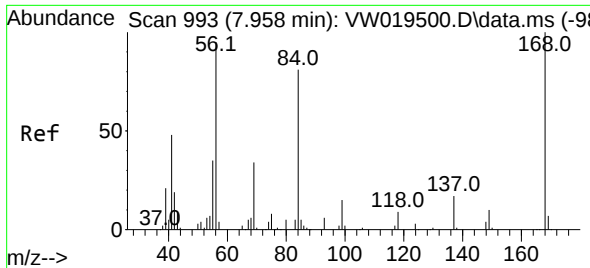
Tgt Ion: 43 Resp: 2157
Ion Ratio Lower Upper
43 100
58 26.7 27.2 40.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

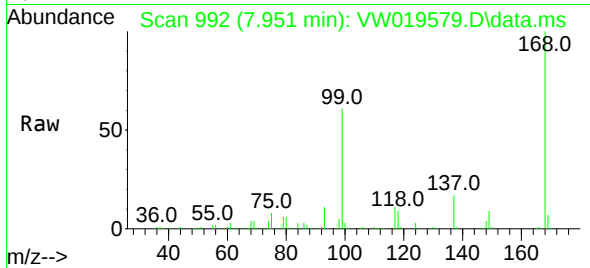
Tgt Ion: 84 Resp: 9972
Ion Ratio Lower Upper
84 100
49 126.7 97.2 145.8
51 33.6 30.1 45.1
86 75.0 49.9 74.9#



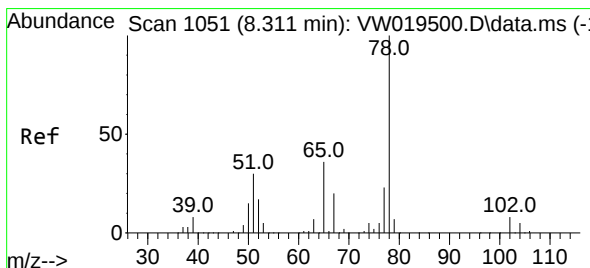
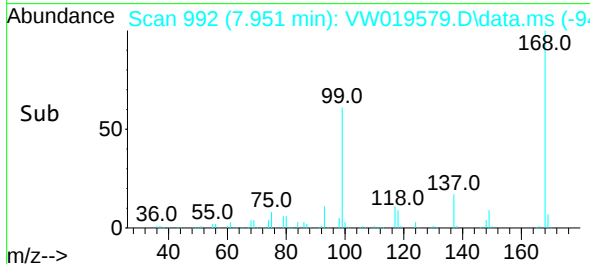
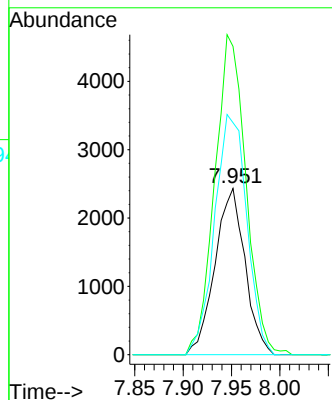


#31
Cyclohexane
Concen: 1.023 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

Instrument :
MSVOA_W
ClientSampled :

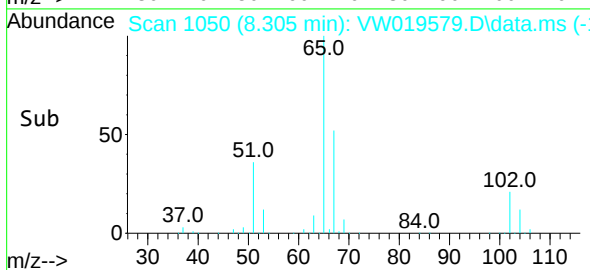
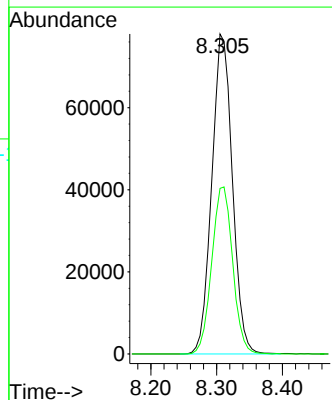
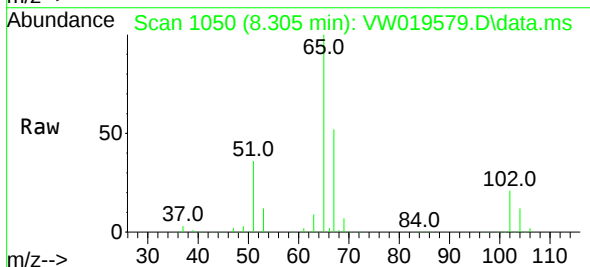


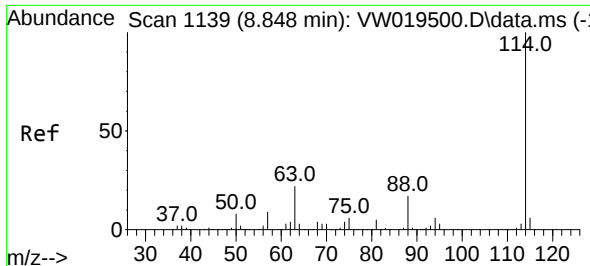
Tgt Ion: 56 Resp: 5268
Ion Ratio Lower Upper
56 100
69 185.4 28.3 42.5#
84 139.5 68.1 102.1#



#33
1,2-Dichloroethane-d4
Concen: 73.646 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 65 Resp: 169612
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.8

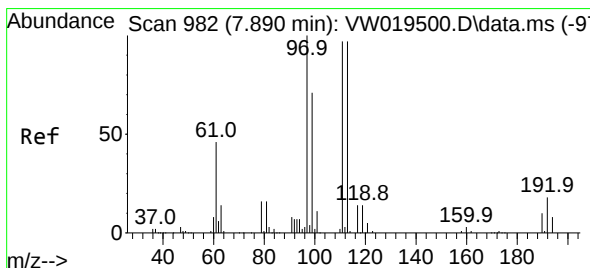
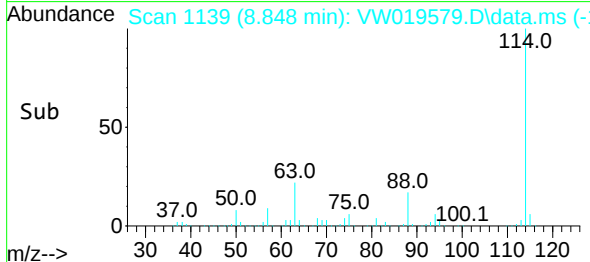
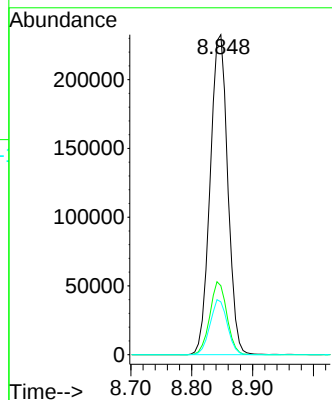
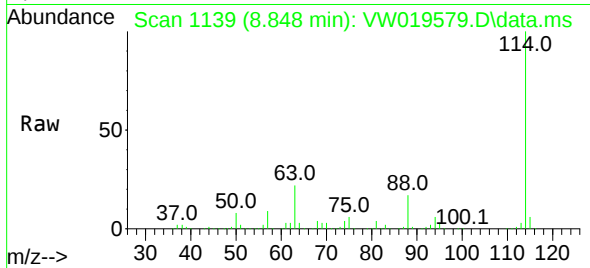




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

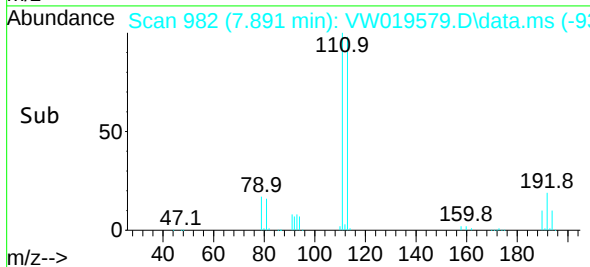
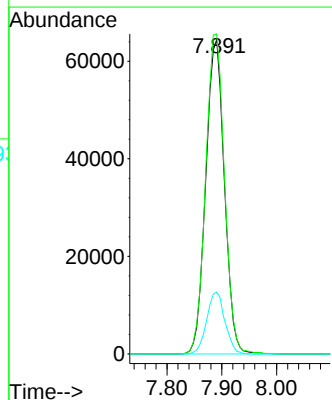
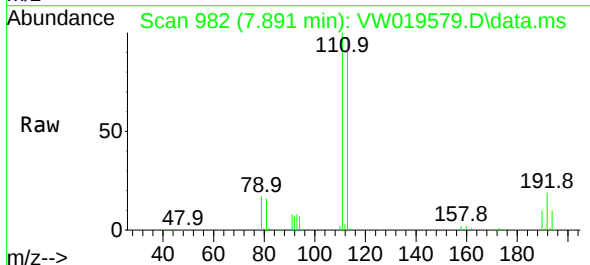
Instrument :
MSVOA_W
ClientSampleId :

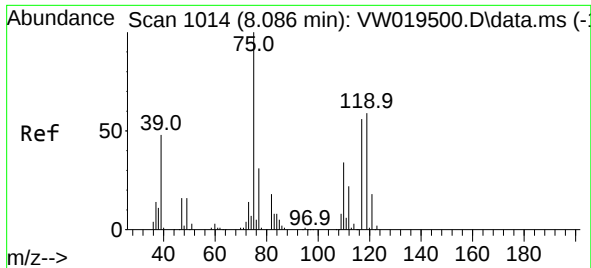
Tgt Ion:114	Resp: 466387
Ion Ratio	Lower Upper
114 100	
63 21.6	0.0 43.8
88 16.5	0.0 33.4



#35
Dibromofluoromethane
Concen: 53.265 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.001 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

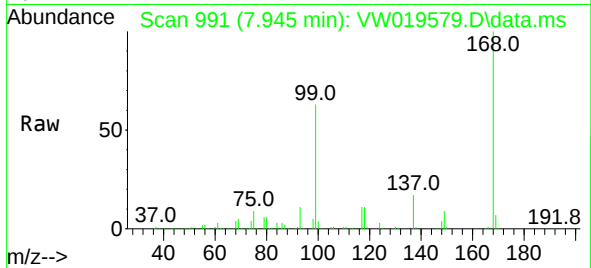
Tgt Ion:113	Resp: 151774
Ion Ratio	Lower Upper
113 100	
111 103.3	83.8 125.6
192 19.2	15.4 23.2



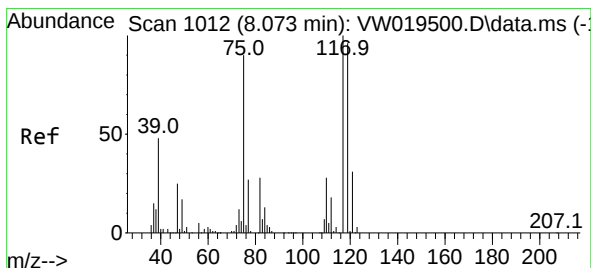
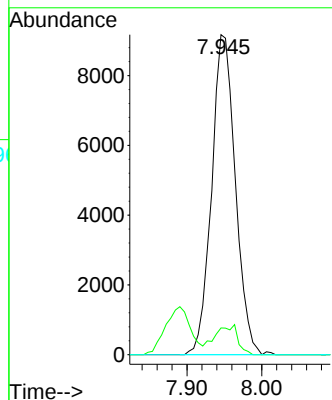
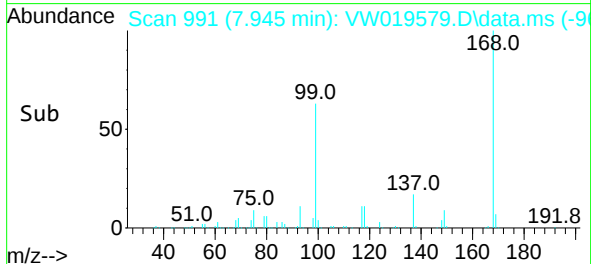


#36
1,1-Dichloropropene
Concen: 4.080 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

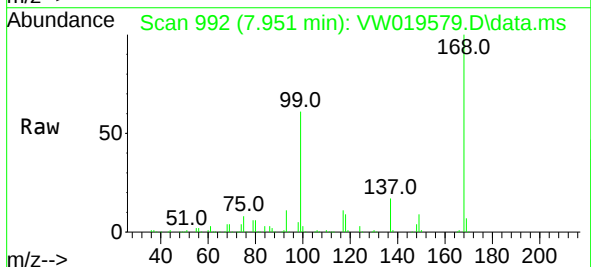
Instrument :
MSVOA_W
ClientSampleId :



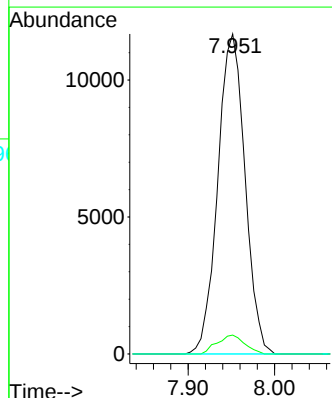
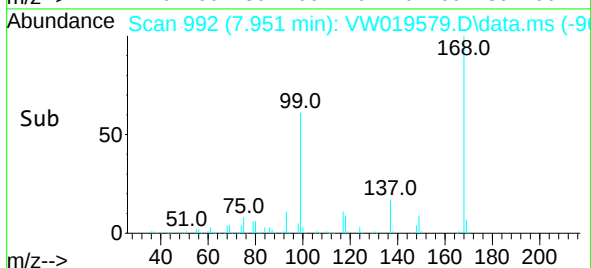
Tgt Ion: 75 Resp: 20285
Ion Ratio Lower Upper
75 100
110 9.0 16.6 49.7#
77 0.0 25.1 37.7#

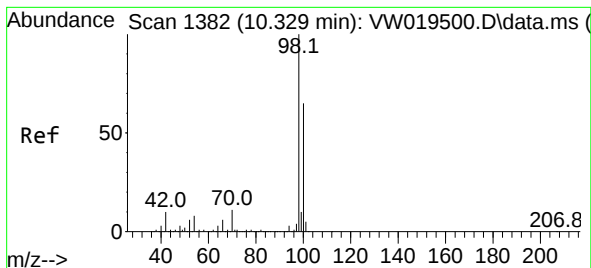


#38
Carbon Tetrachloride
Concen: 5.865 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42



Tgt Ion: 117 Resp: 25474
Ion Ratio Lower Upper
117 100
119 5.9 76.7 115.1#
121 0.0 24.8 37.2#

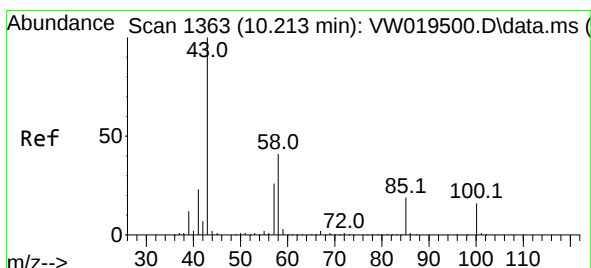
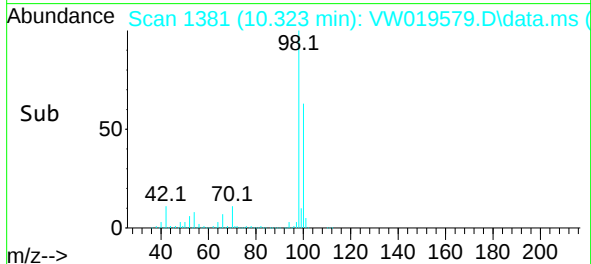
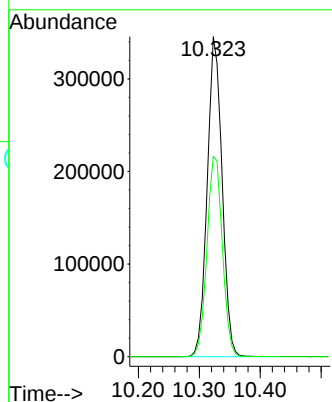
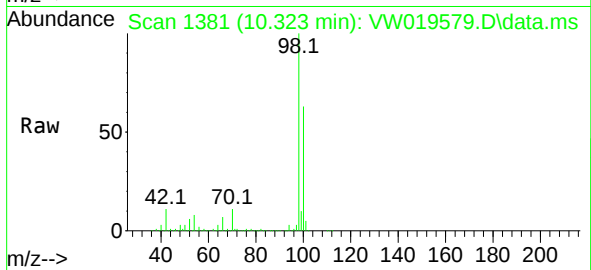




#50
Toluene-d8
Concen: 53.046 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

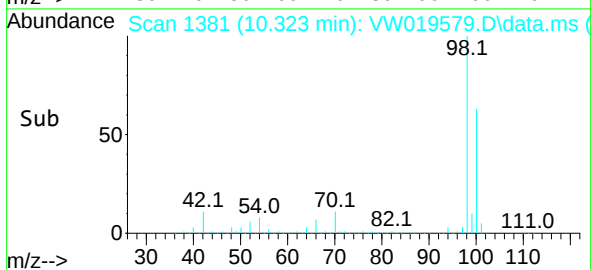
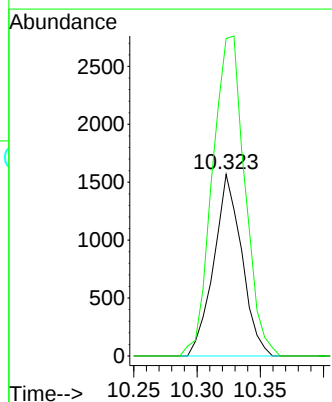
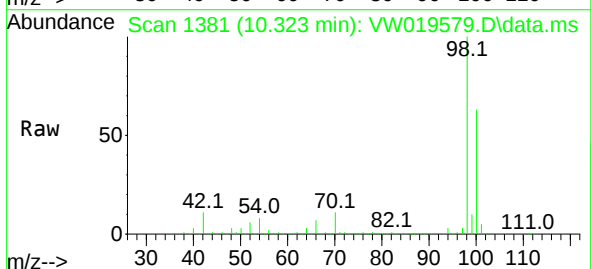
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MSVOA_W
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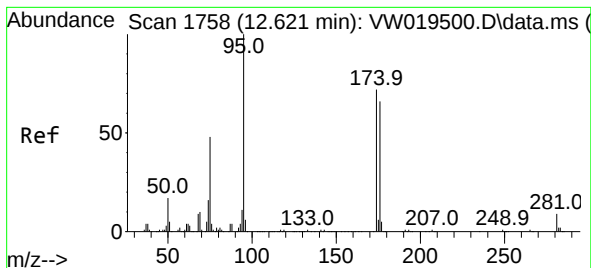
Tgt Ion: 98 Resp: 585222
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.201 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

Tgt Ion: 43 Resp: 2413
Ion Ratio Lower Upper
43 100
58 203.6 33.4 50.0#

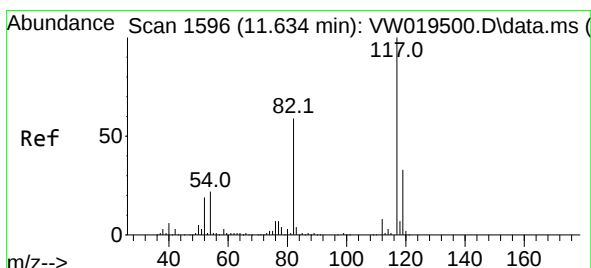
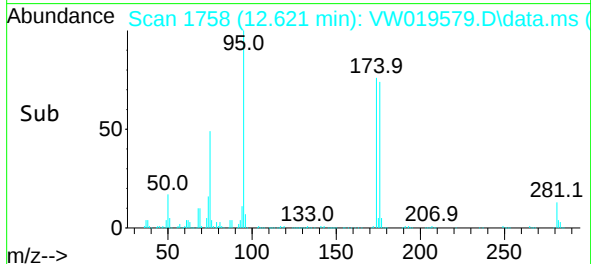
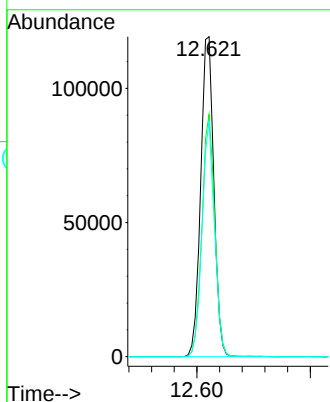
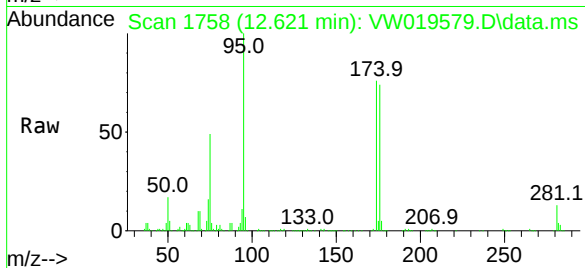




#62
4-Bromofluorobenzene
Concen: 46.386 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

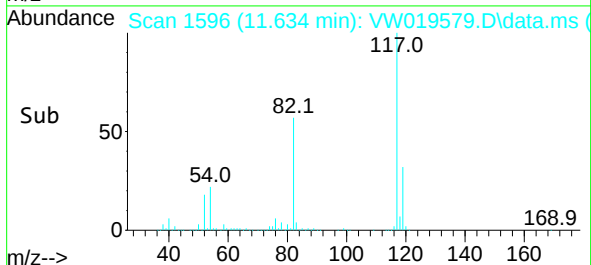
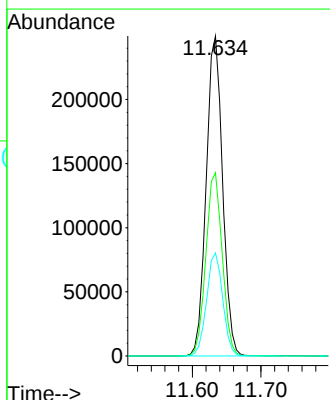
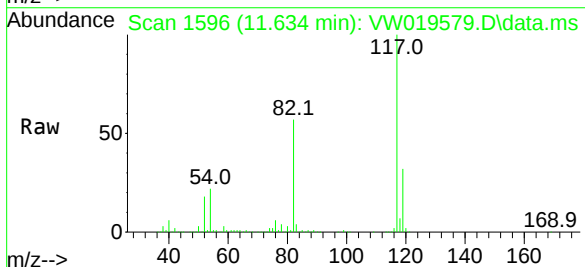
Instrument :
MSVOA_W
ClientSampleId :

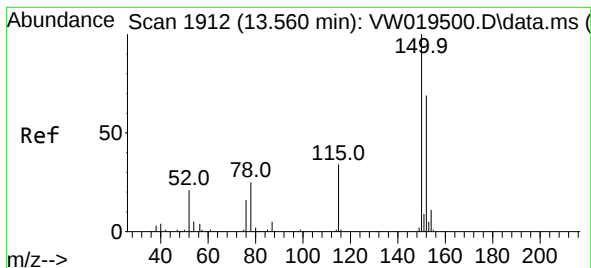
Tgt Ion: 95 Resp: 191960
Ion Ratio Lower Upper
95 100
174 74.3 0.0 146.6
176 70.0 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

Tgt Ion:117 Resp: 414912
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.0
119 32.2 26.6 39.8

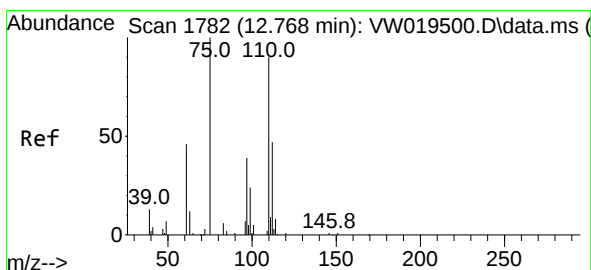
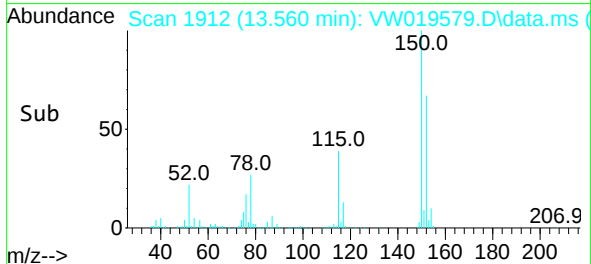
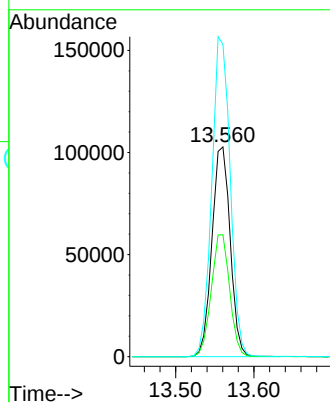
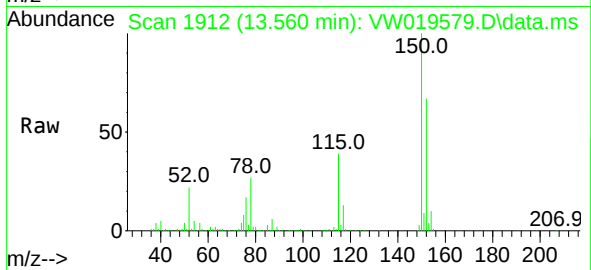




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

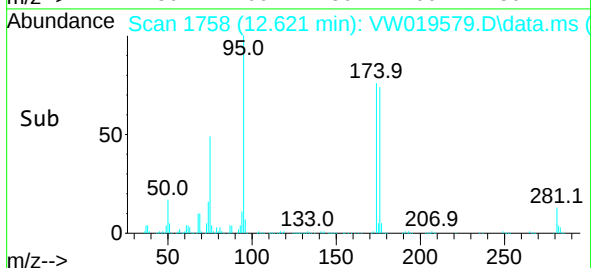
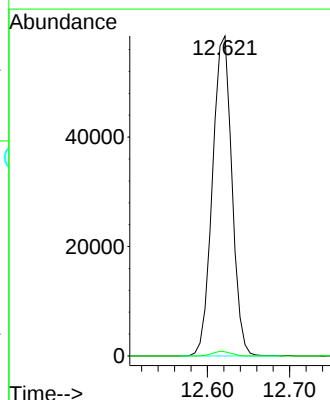
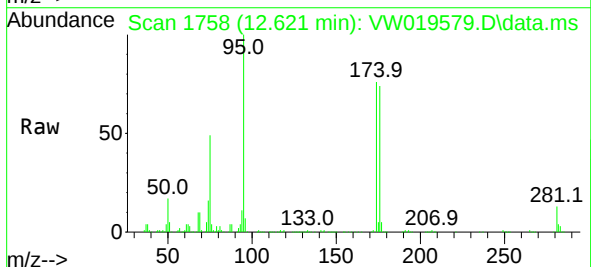
Instrument :
MSVOA_W
ClientSampleId :

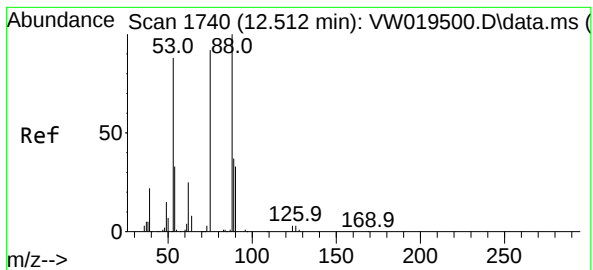
Tgt Ion:152 Resp: 166401
Ion Ratio Lower Upper
152 100
115 58.5 30.6 91.8
150 153.4 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 58.402 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.146 min
Lab File: VW019579.D
Acq: 23 Jul 2021 17:42

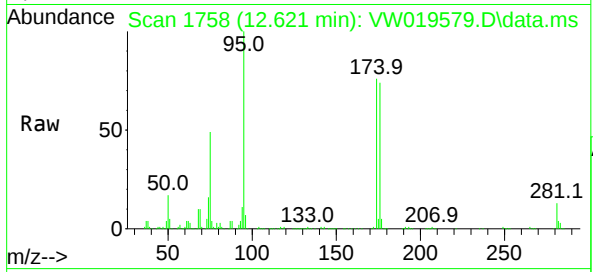
Tgt Ion: 75 Resp: 96046
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.096 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.110 min
 Lab File: VW019579.D
 Acq: 23 Jul 2021 17:42

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	75.8	113.8#
89	0.3	35.7	53.5#

