

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072321\
 Data File : VW019574.D
 Acq On : 23 Jul 2021 15:35
 Operator : SY/VA
 Sample : M3138-01
 Misc : 5.05g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 24 05:19:26 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)

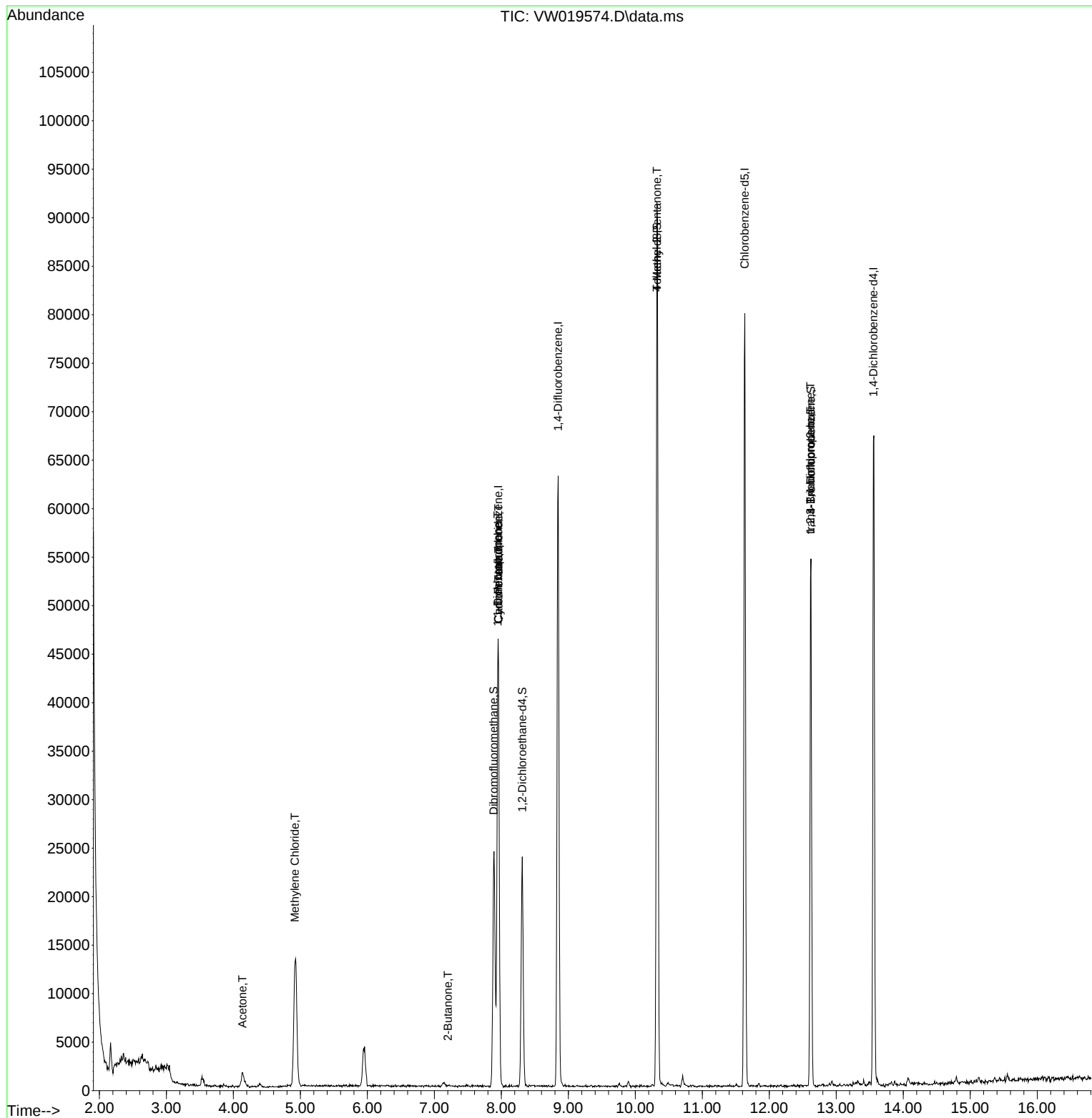
Internal Standards						
1) Pentafluorobenzene	7.952	168	34548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	52345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	45264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	18384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	18562	56.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.160%	
35) Dibromofluoromethane	7.884	113	17548	54.871	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.740%	
50) Toluene-d8	10.323	98	63703	51.447	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.900%	
62) 4-Bromofluorobenzene	12.621	95	19086	41.093	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 82.180%	
Target Compounds						
					Qvalue	
16) Acetone	4.135	43	3207	51.040	ug/l #	86
20) Methylene Chloride	4.915	84	10858	23.926	ug/l	93
25) 2-Butanone	7.202	43	115	1.064	ug/l #	48
31) Cyclohexane	7.958	56	815	1.123	ug/l #	1
36) 1,1-Dichloropropene	7.945	75	2919	5.231	ug/l #	49
38) Carbon Tetrachloride	7.958	117	3650	7.487	ug/l #	16
51) 4-Methyl-2-Pentanone	10.323	43	270	1.197	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	9746	53.640	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	9746	122.245	ug/l #	12

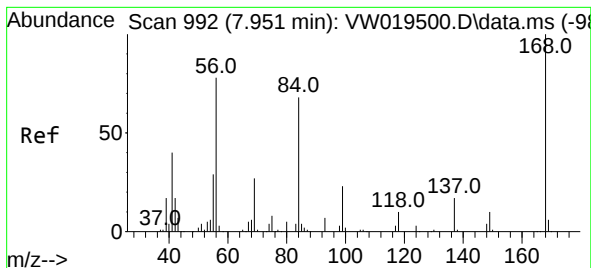
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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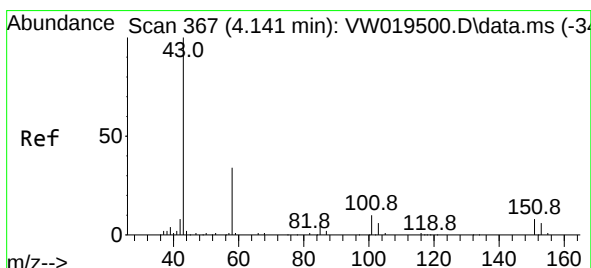
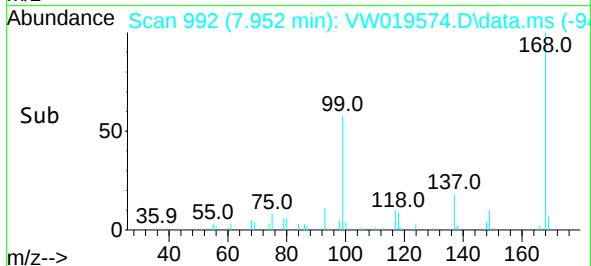
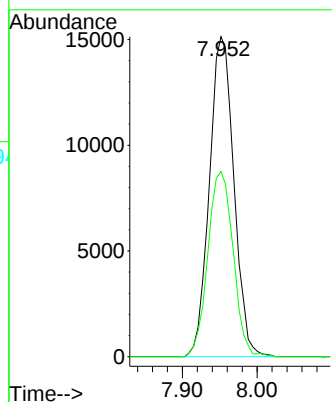
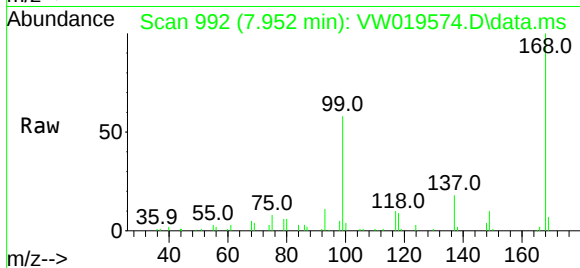




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

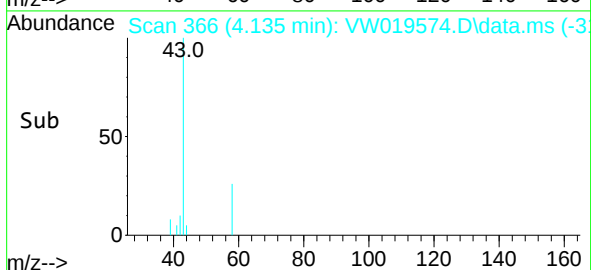
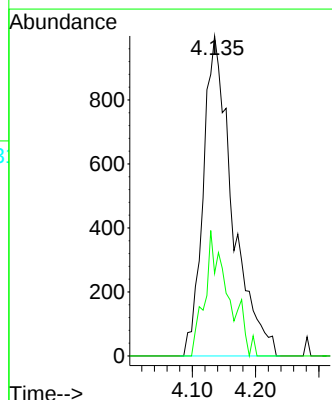
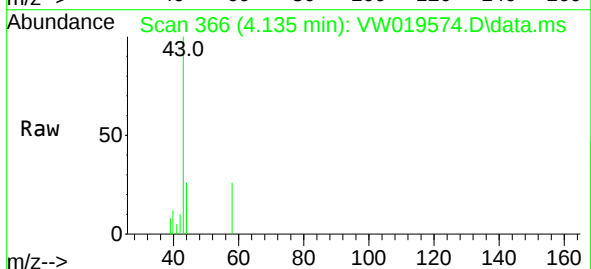
Instrument :
MSVOA_W
ClientSampled :

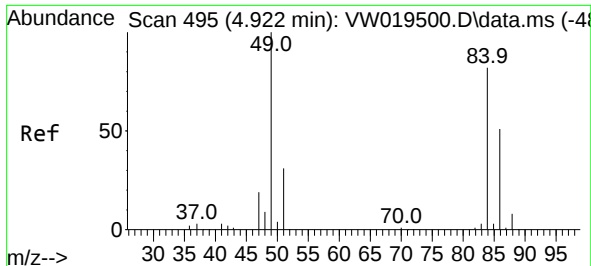
Tgt Ion:168 Resp: 34548
Ion Ratio Lower Upper
168 100
99 57.9 51.9 77.9



#16
Acetone
Concen: 51.040 ug/l
RT: 4.135 min Scan# 366
Delta R.T. -0.006 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

Tgt Ion: 43 Resp: 3207
Ion Ratio Lower Upper
43 100
58 25.8 27.2 40.8#





#20

Methylene Chloride

Concen: 23.926 ug/l

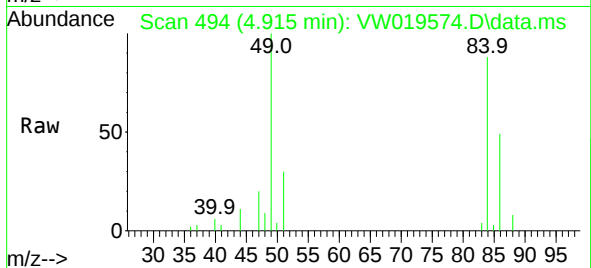
RT: 4.915 min Scan# 494

Delta R.T. -0.007 min

Lab File: VW019574.D

Acq: 23 Jul 2021 15:35

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion: 84 Resp: 10858

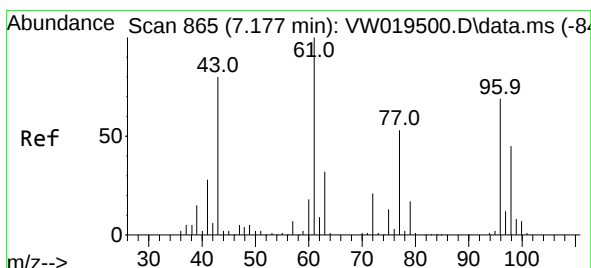
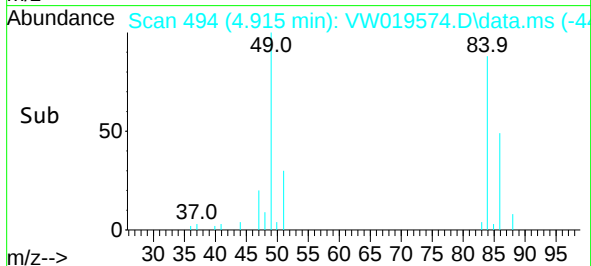
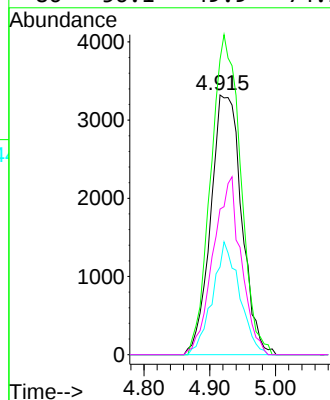
Ion Ratio Lower Upper

84 100

49 113.7 97.2 145.8

51 33.8 30.1 45.1

86 56.1 49.9 74.9



#25

2-Butanone

Concen: 1.064 ug/l

RT: 7.202 min Scan# 869

Delta R.T. 0.024 min

Lab File: VW019574.D

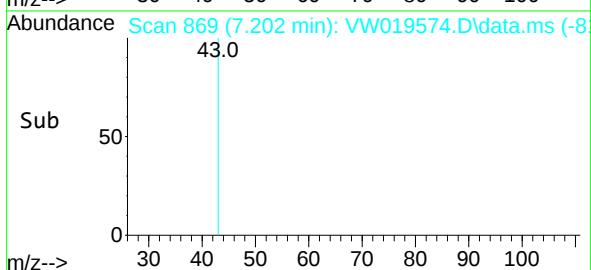
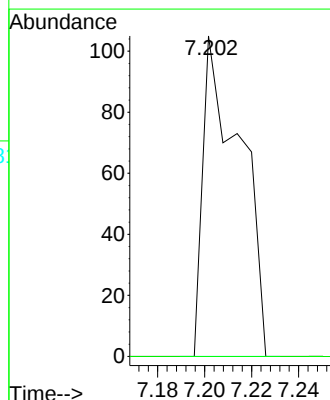
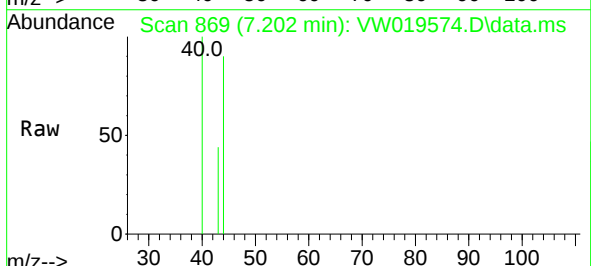
Acq: 23 Jul 2021 15:35

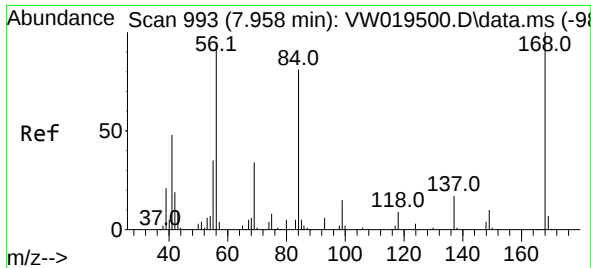
Tgt Ion: 43 Resp: 115

Ion Ratio Lower Upper

43 100

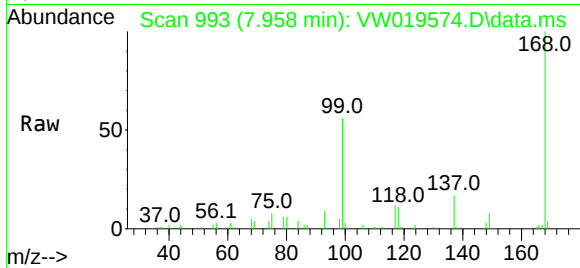
72 0.0 21.4 32.0#



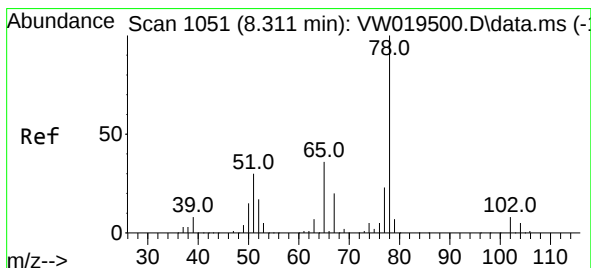
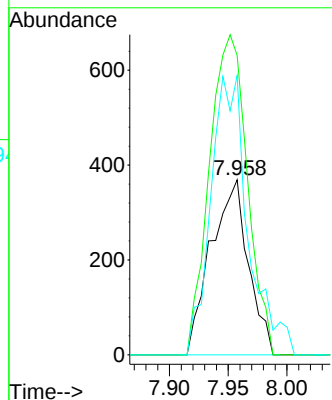
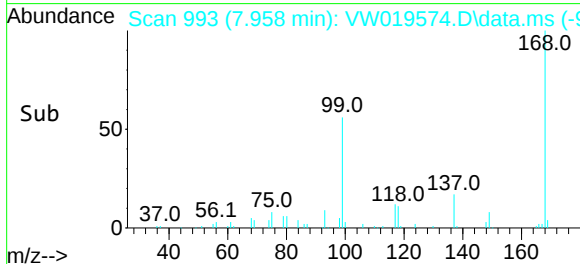


#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

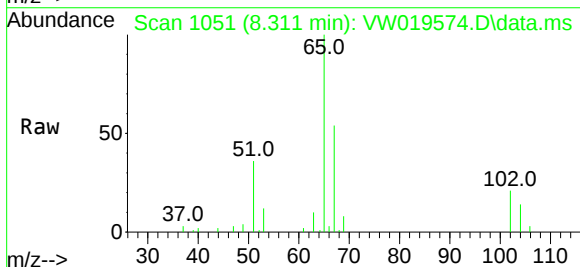
Instrument :
MSVOA_W
ClientSampleId :



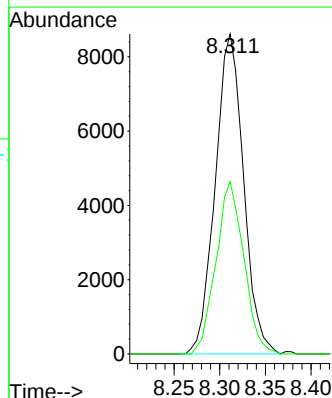
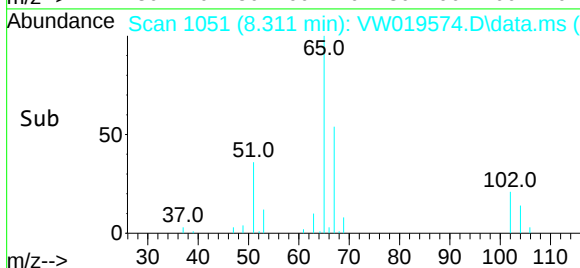
Tgt Ion: 56 Resp: 815
Ion Ratio Lower Upper
56 100
69 171.0 28.3 42.5#
84 159.6 68.1 102.1#

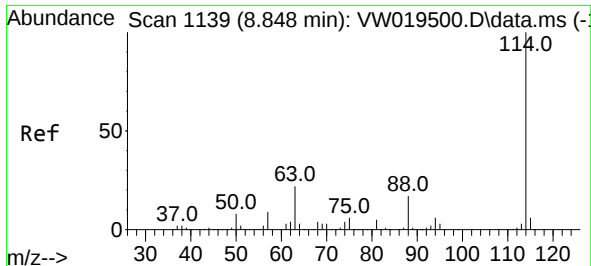


#33
1,2-Dichloroethane-d4
Concen: 56.078 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35



Tgt Ion: 65 Resp: 18562
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.8

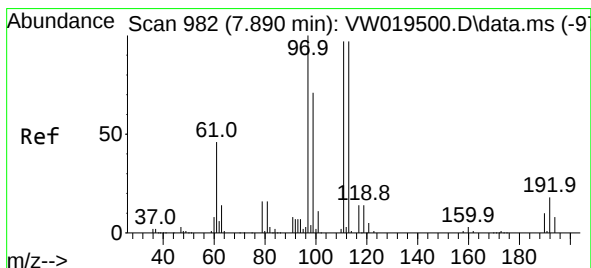
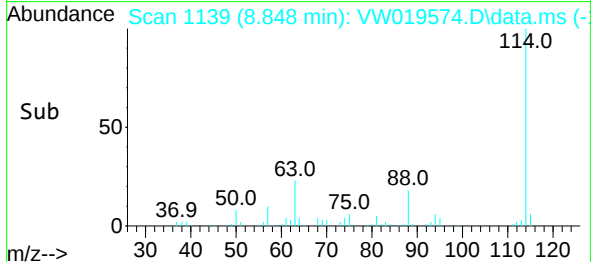
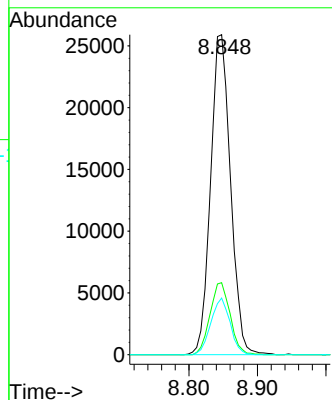
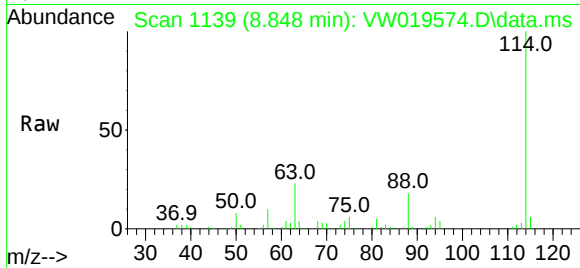




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

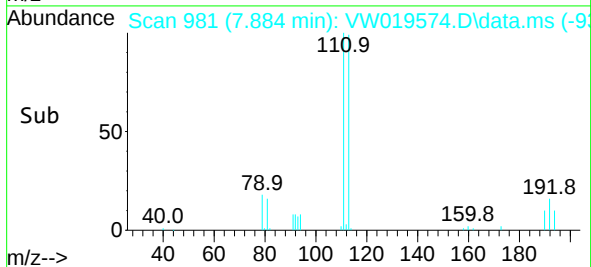
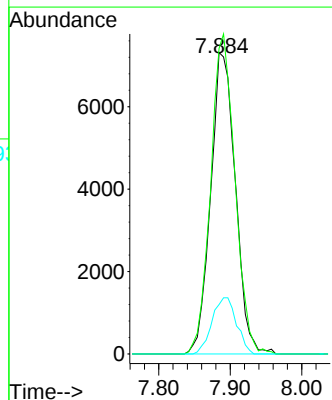
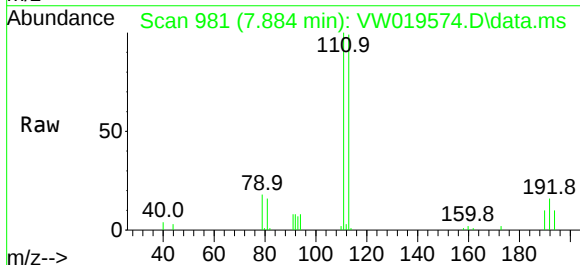
Instrument :
MSVOA_W
ClientSampleId :

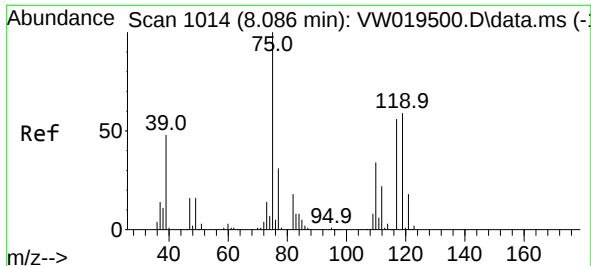
Tgt Ion:	114	Resp:	52345
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	43.8
88	17.7	0.0	33.4



#35
Dibromofluoromethane
Concen: 54.871 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

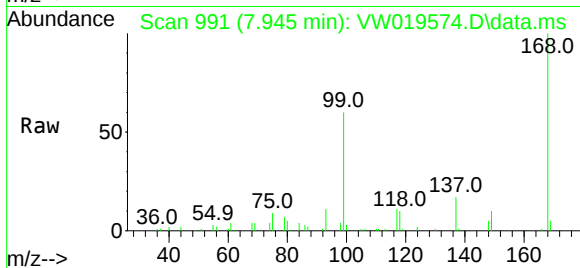
Tgt Ion:	113	Resp:	17548
Ion Ratio	Lower	Upper	
113	100		
111	104.4	83.8	125.6
192	18.5	15.4	23.2



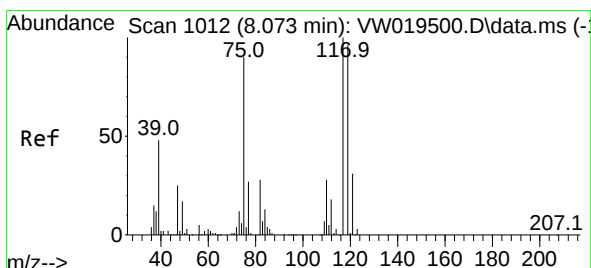
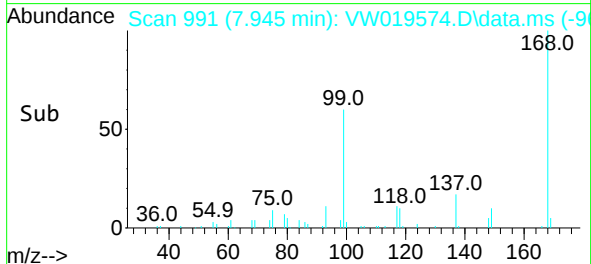
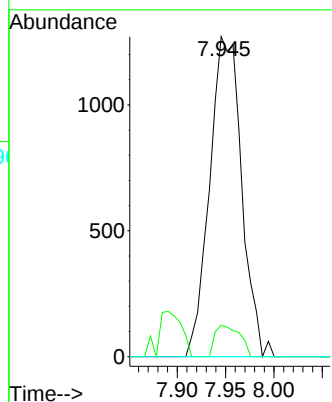


#36
1,1-Dichloropropene
Concen: 5.231 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

Instrument :
MSVOA_W
ClientSampled :

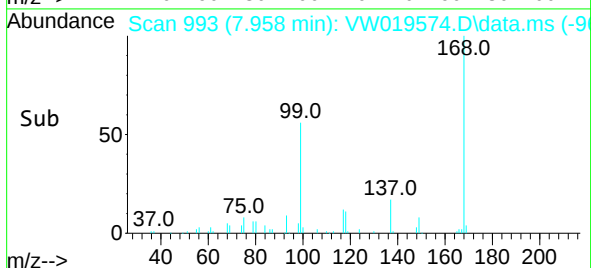
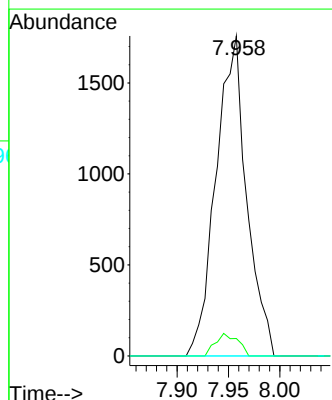
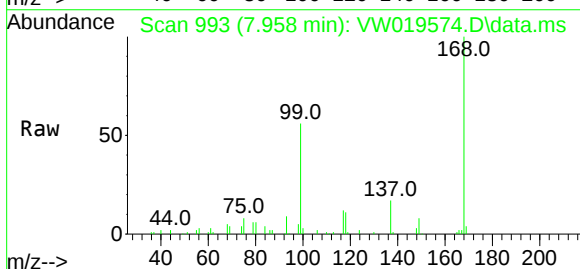


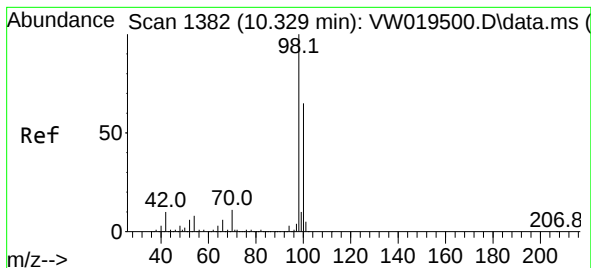
Tgt Ion: 75 Resp: 2919
Ion Ratio Lower Upper
75 100
110 7.6 16.6 49.7#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 7.487 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.116 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

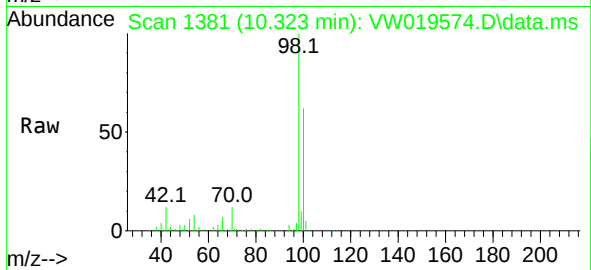
Tgt Ion: 117 Resp: 3650
Ion Ratio Lower Upper
117 100
119 5.5 76.7 115.1#
121 0.0 24.8 37.2#



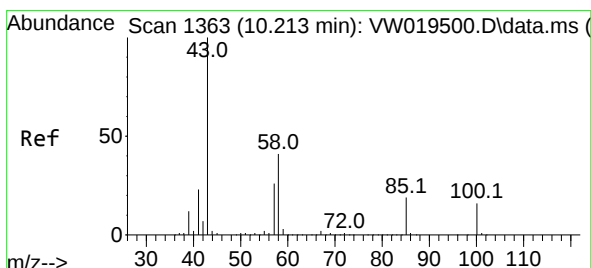
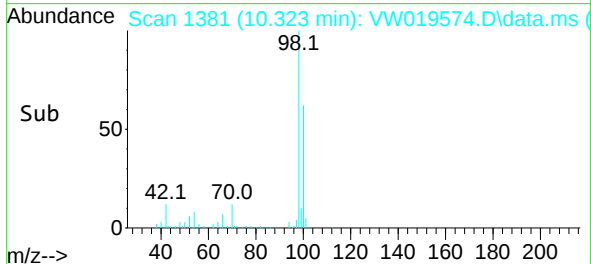
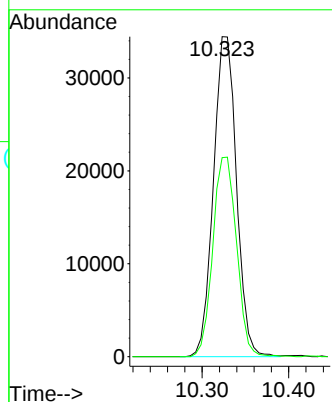


#50
Toluene-d8
Concen: 51.447 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

Instrument :
MSVOA_W
ClientSampled :

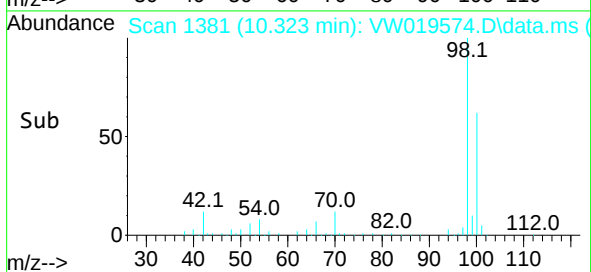
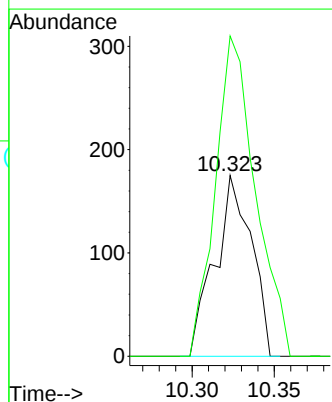
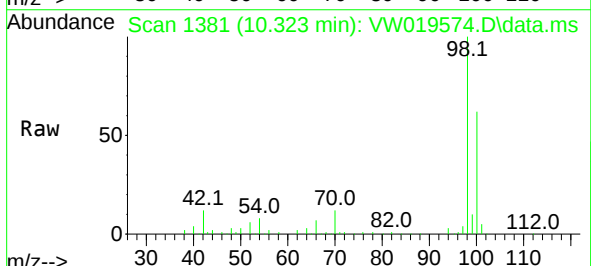


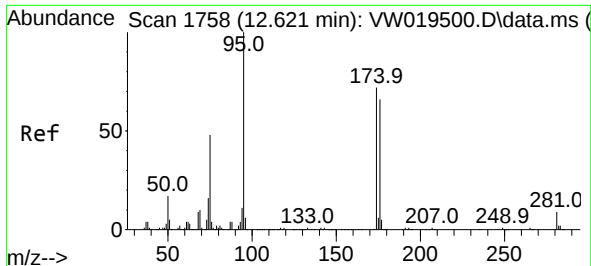
Tgt Ion: 98 Resp: 63703
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.197 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
58 195.2 33.4 50.0#

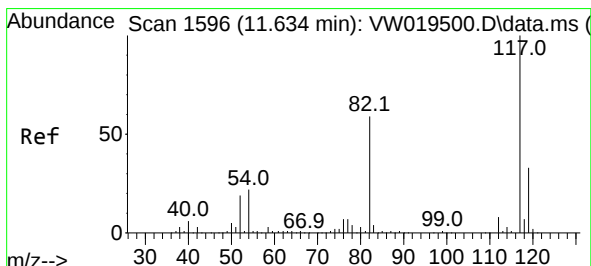
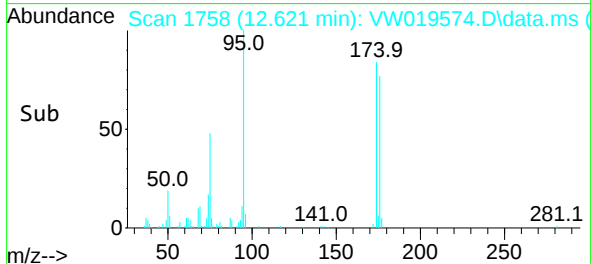
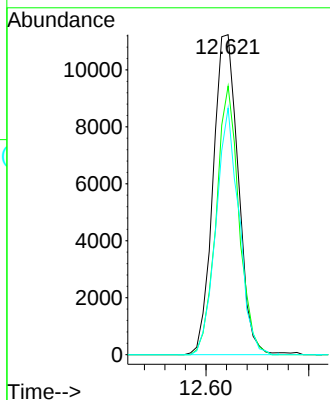
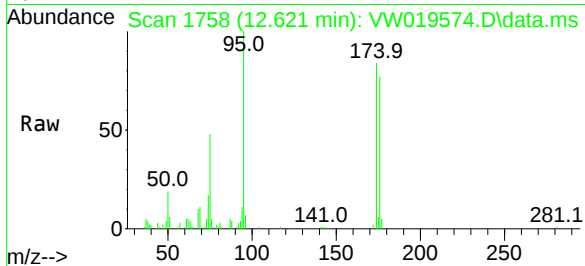




#62
4-Bromofluorobenzene
Concen: 41.093 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

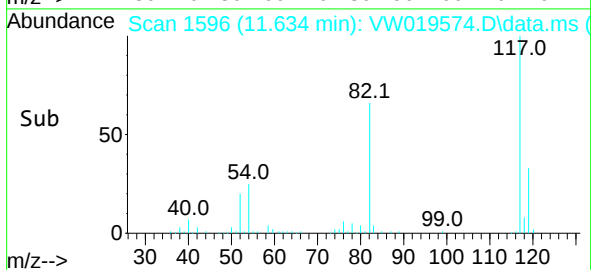
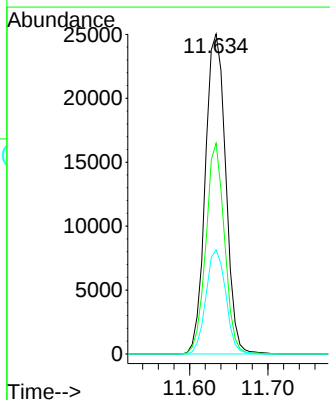
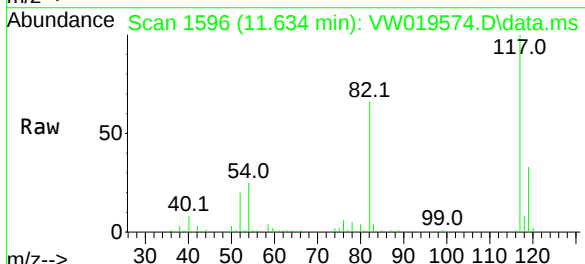
Instrument :
MSVOA_W
ClientSampled :

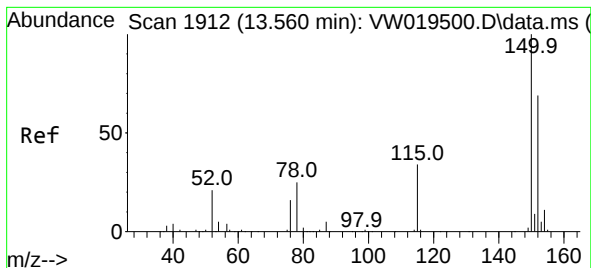
Tgt Ion:	95	Resp:	19086
Ion Ratio	Lower	Upper	
95	100		
174	75.8	0.0	146.6
176	70.3	0.0	136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

Tgt Ion:	117	Resp:	45264
Ion Ratio	Lower	Upper	
117	100		
82	65.8	47.4	71.0
119	32.6	26.6	39.8

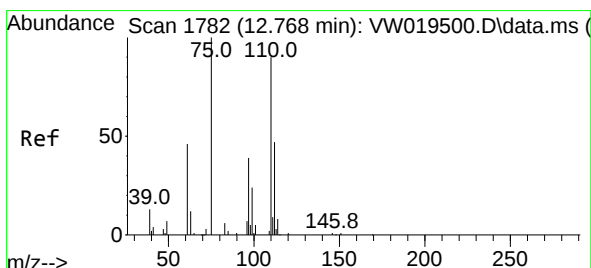
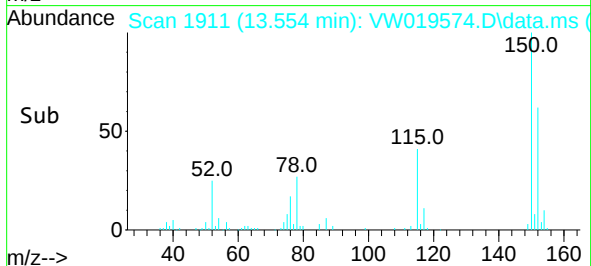
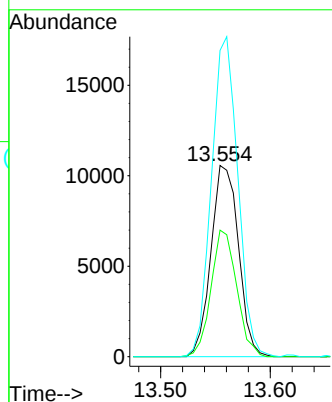
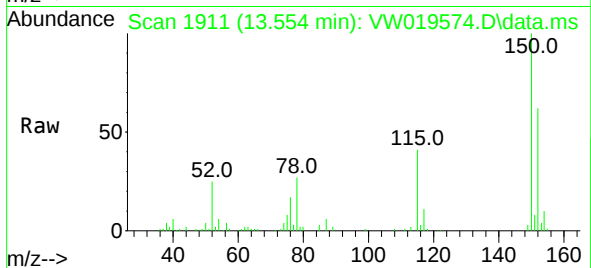




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

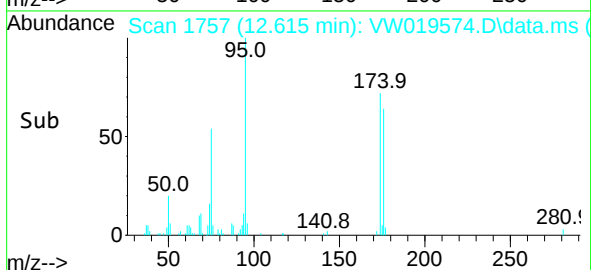
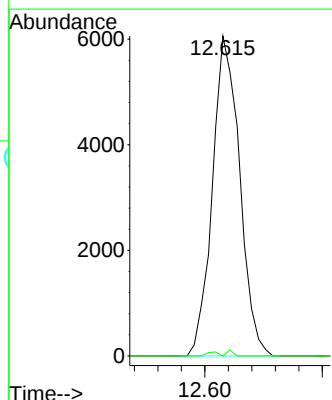
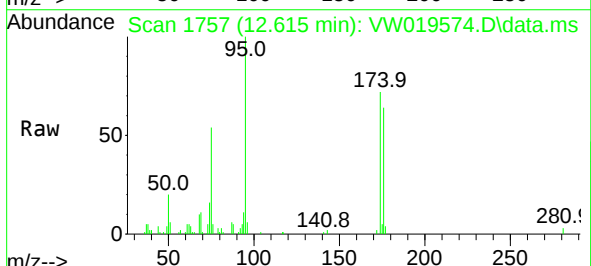
Instrument :
MSVOA_W
ClientSampled :

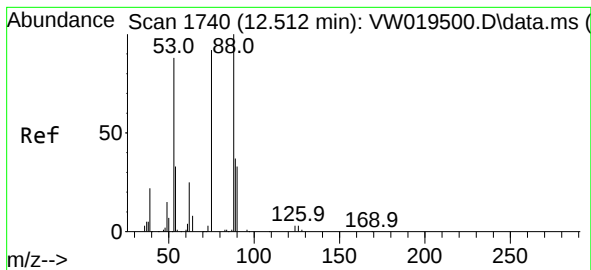
Tgt Ion:152 Resp: 18384
Ion Ratio Lower Upper
152 100
115 61.9 30.6 91.8
150 160.7 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 53.640 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019574.D
Acq: 23 Jul 2021 15:35

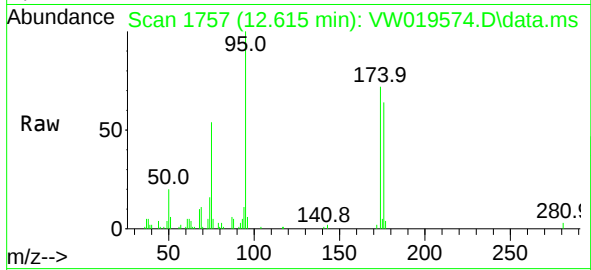
Tgt Ion: 75 Resp: 9746
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.245 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW019574.D
 Acq: 23 Jul 2021 15:35

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 9746
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 35.7 53.5#

