

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
 Data File : VW019512.D
 Acq On : 20 Jul 2021 15:33
 Operator : SY/VA
 Sample : M3083-01RE
 Misc : 5.72g/5.2mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 20 16:05:45 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)

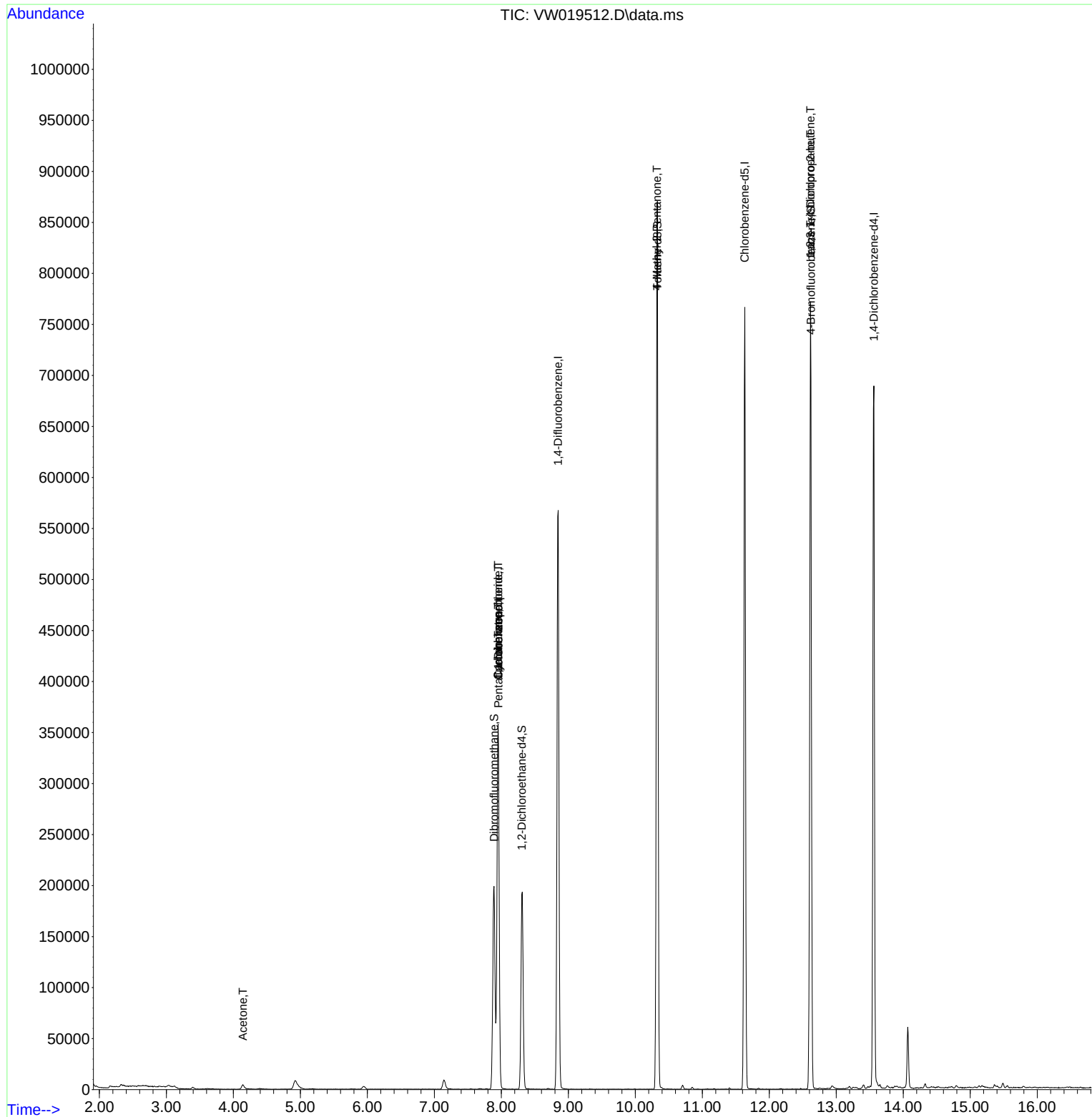
Internal Standards						
1) Pentafluorobenzene	7.958	168	260724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	483388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	416208	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	180609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	159528	64.560	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	129.120%	
35) Dibromofluoromethane	7.891	113	145267	49.188	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	98.380%	
50) Toluene-d8	10.329	98	588970	51.508	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	103.020%	
62) 4-Bromofluorobenzene	12.621	95	204598	47.701	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.190	59	704	Below Cal	#	73
16) Acetone	4.141	43	8627	18.194	ug/l	96
20) Methylene Chloride	4.928	84	6965	Below Cal		92
31) Cyclohexane	7.952	56	5724	1.045	ug/l #	1
36) 1,1-Dichloropropene	7.952	75	22018	4.273	ug/l #	49
38) Carbon Tetrachloride	7.952	117	26719	5.935	ug/l #	17
51) 4-Methyl-2-Pentanone	10.323	43	2552	1.225	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	104938	58.789	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	104938	133.979	ug/l #	12

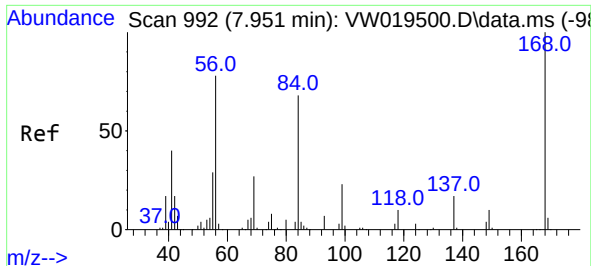
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072021\
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MSVOA_W
ClientSampleId :

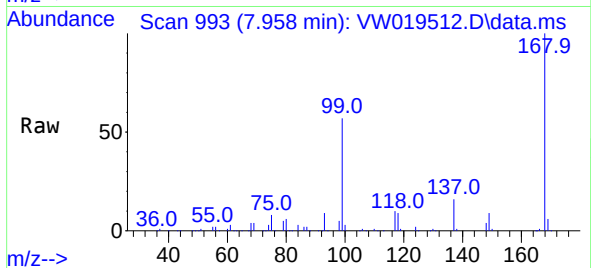
Quant Time: Jul 20 16:05:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W071921S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 20 04:37:55 2021
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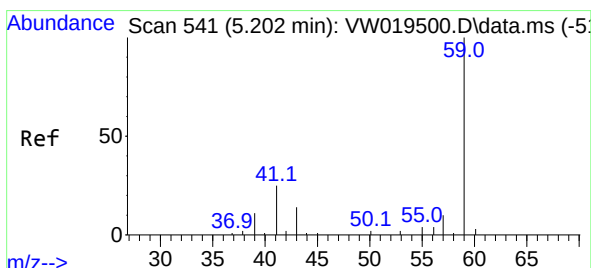
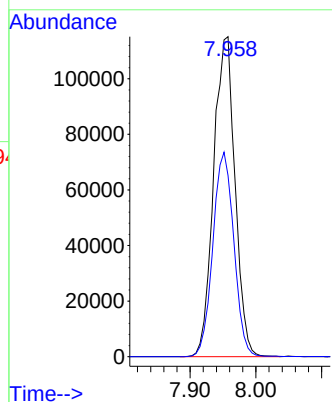
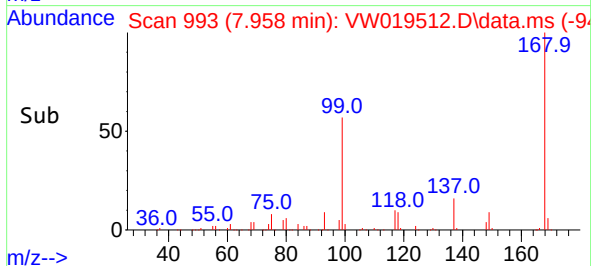


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.007 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

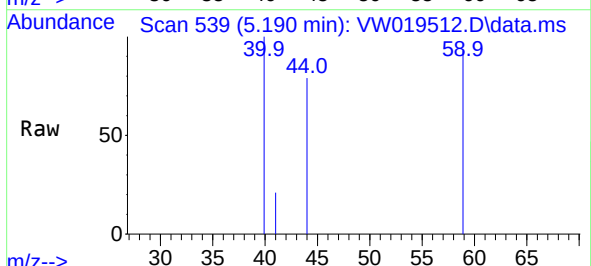
Instrument :
MSVOA_W
ClientSampleId :



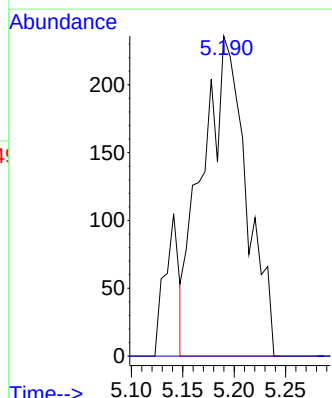
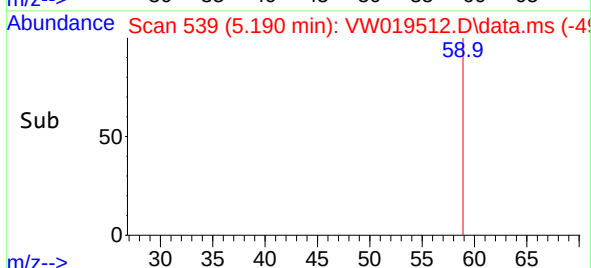
Tgt Ion:168 Resp: 260724
Ion Ratio Lower Upper
168 100
99 56.6 51.9 77.9

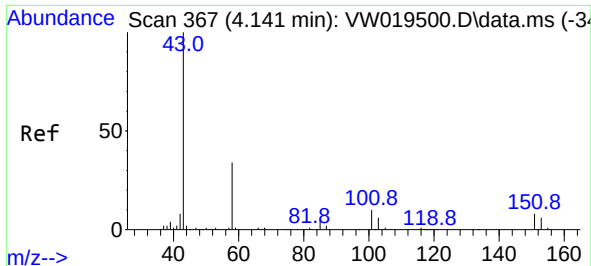


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. -0.012 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33



Tgt Ion: 59 Resp: 704
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

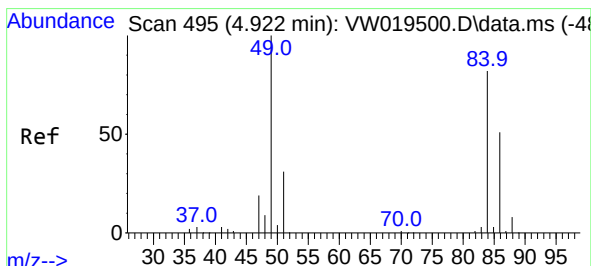
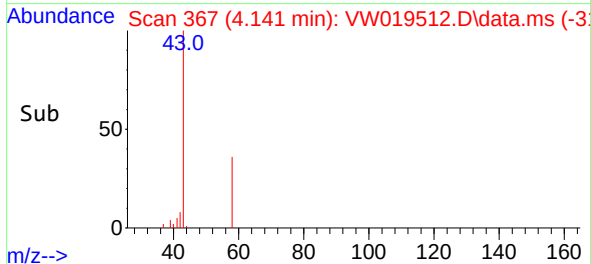
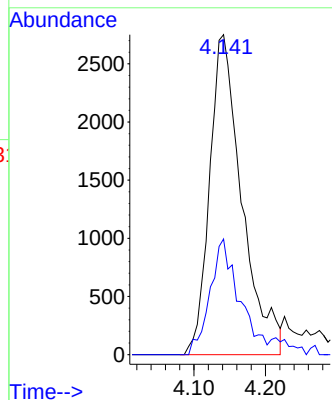
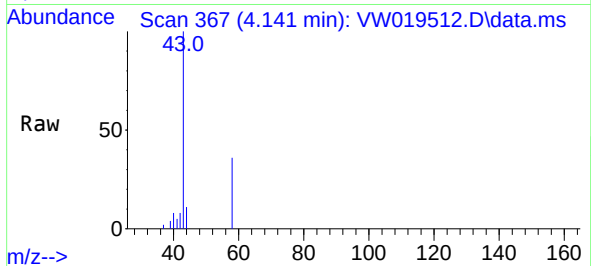




#16
Acetone
Concen: 18.194 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

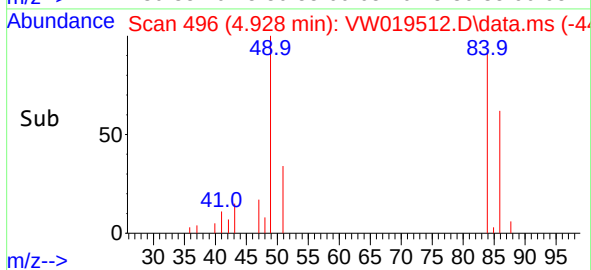
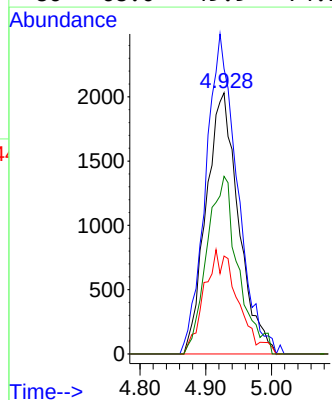
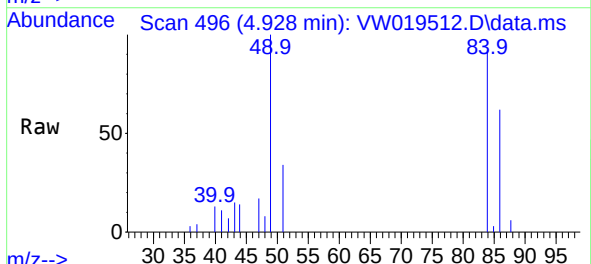
Instrument :
MSVOA_W
ClientSampled :

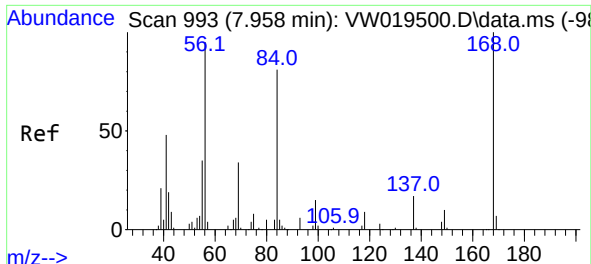
Tgt Ion: 43 Resp: 8627
Ion Ratio Lower Upper
43 100
58 36.1 27.2 40.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.928 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

Tgt Ion: 84 Resp: 6965
Ion Ratio Lower Upper
84 100
49 109.3 97.2 145.8
51 37.5 30.1 45.1
86 68.0 49.9 74.9

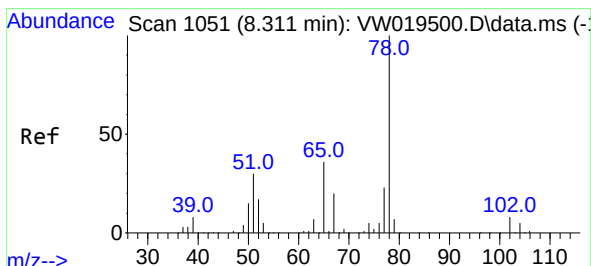
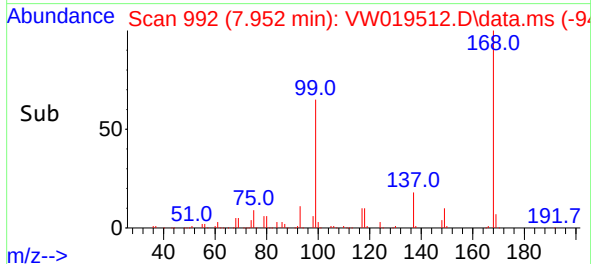
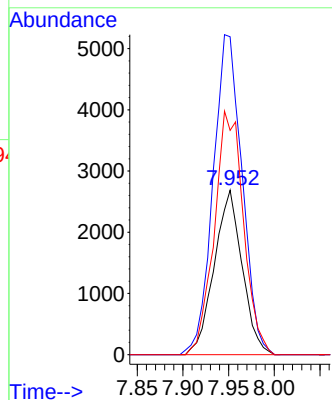
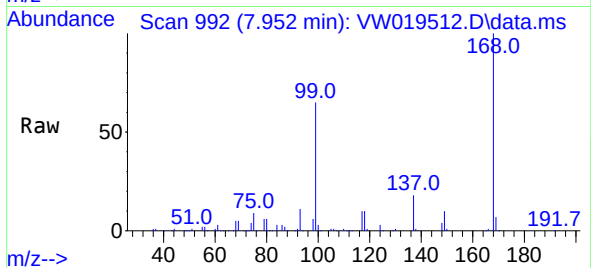




#31
Cyclohexane
Concen: 1.045 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

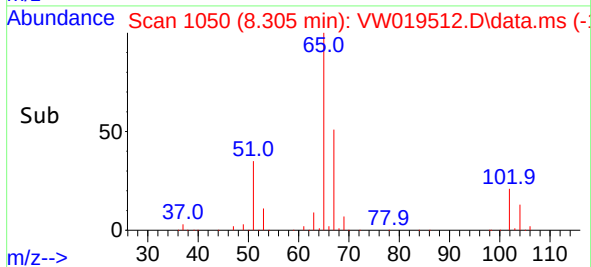
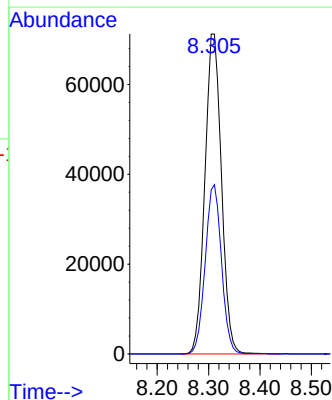
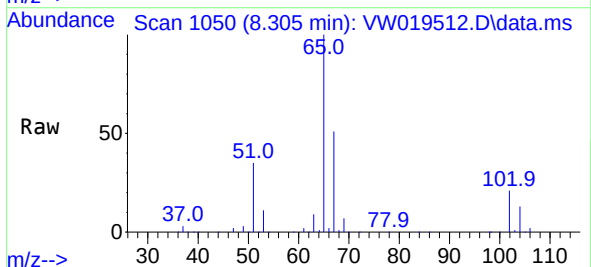
Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 56 Resp: 5724
Ion Ratio Lower Upper
56 100
69 193.3 28.3 42.5#
84 136.4 68.1 102.1#

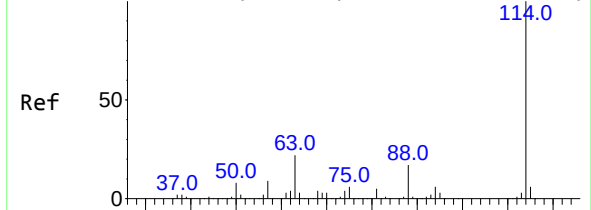


#33
1,2-Dichloroethane-d4
Concen: 64.560 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

Tgt Ion: 65 Resp: 159528
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.8

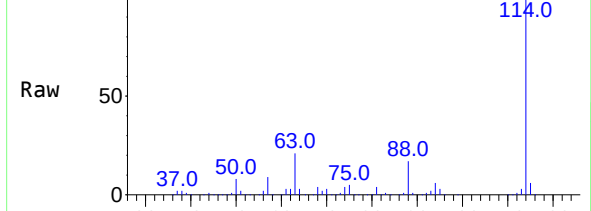


Abundance Scan 1139 (8.848 min): VW019500.D\data.ms (-)



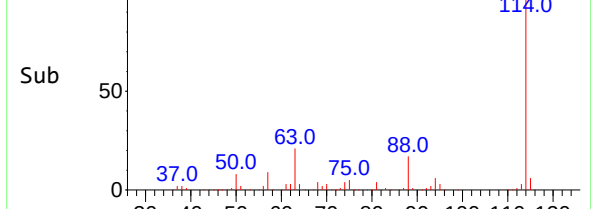
m/z-->

Abundance Scan 1139 (8.848 min): VW019512.D\data.ms (-)



m/z-->

Abundance Scan 1139 (8.848 min): VW019512.D\data.ms (-)



m/z-->

#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.848 min Scan# 1139

Delta R.T. 0.000 min

Lab File: VW019512.D

Acq: 20 Jul 2021 15:33

Tgt Ion:114 Resp: 483388

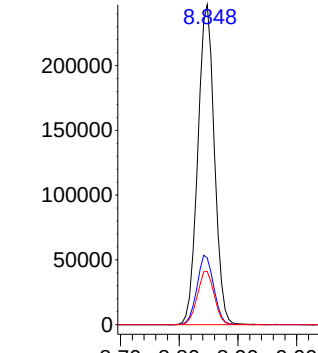
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

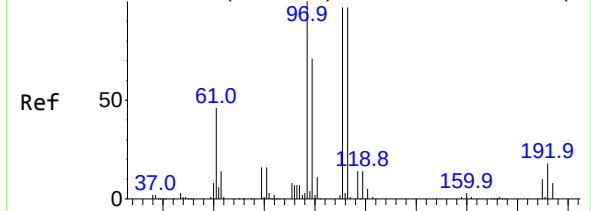
88 16.7 0.0 33.4

Abundance



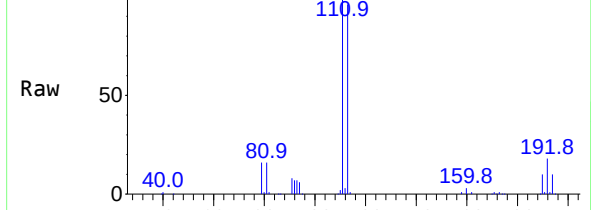
Time-->

Abundance Scan 982 (7.890 min): VW019500.D\data.ms (-9



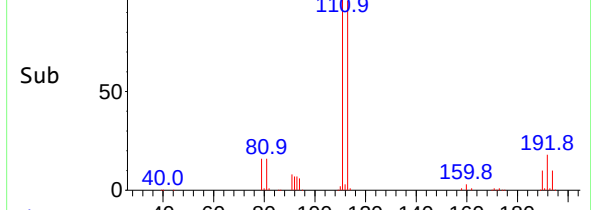
m/z-->

Abundance Scan 982 (7.891 min): VW019512.D\data.ms (-9



m/z-->

Abundance Scan 982 (7.891 min): VW019512.D\data.ms (-9



m/z-->

#35

Dibromofluoromethane

Concen: 49.188 ug/l

RT: 7.891 min Scan# 982

Delta R.T. 0.001 min

Lab File: VW019512.D

Acq: 20 Jul 2021 15:33

Tgt Ion:113 Resp: 145267

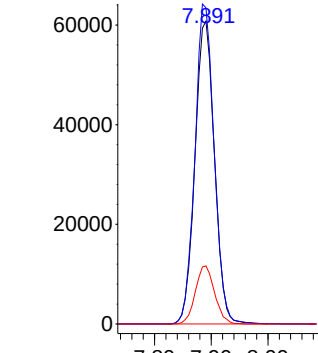
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 18.9 15.4 23.2

Abundance

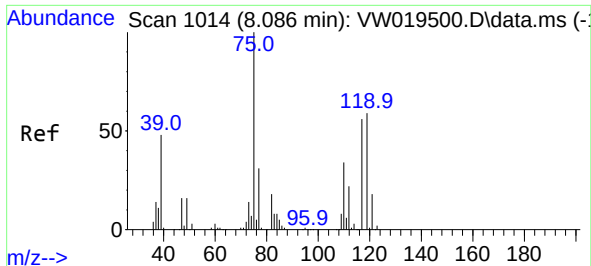


Time-->

Instrument :

MSVOA_W

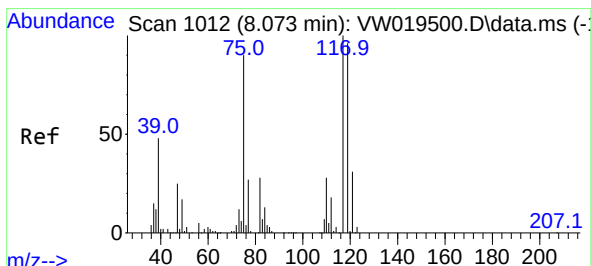
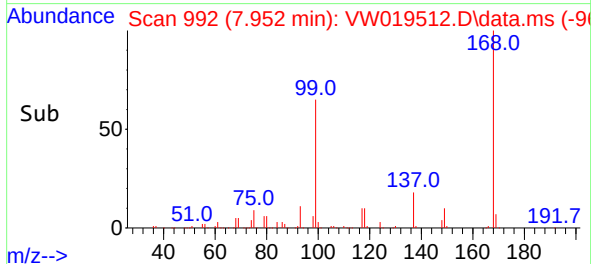
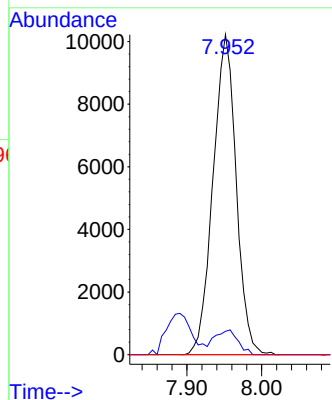
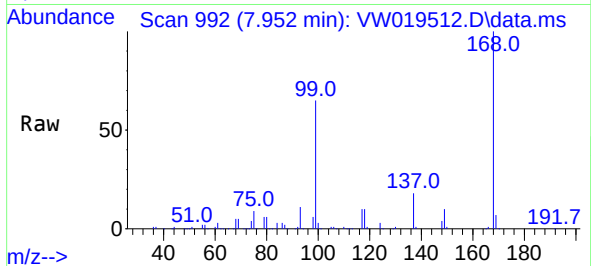
ClientSampled :



#36
1,1-Dichloropropene
Concen: 4.273 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

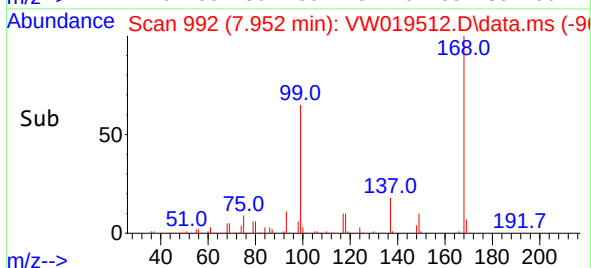
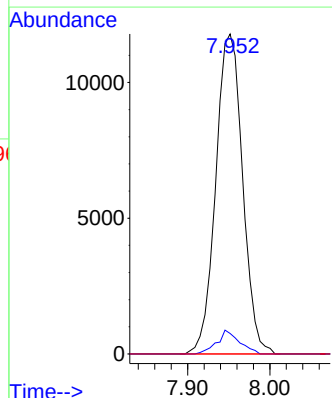
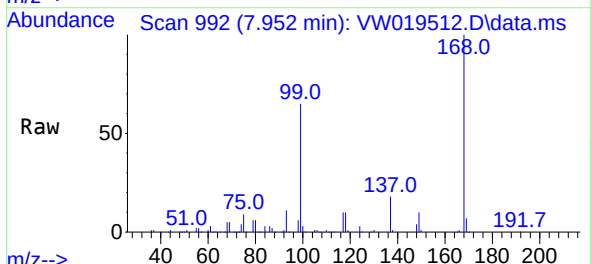
Instrument :
MSVOA_W
ClientSampled :

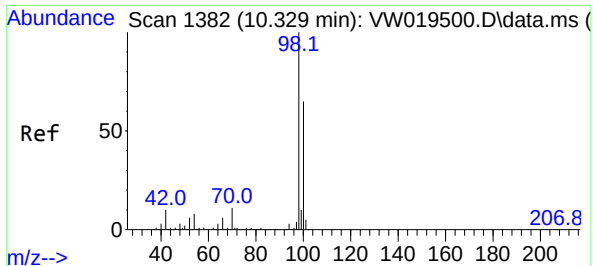
Tgt Ion: 75 Resp: 22018
Ion Ratio Lower Upper
75 100
110 7.7 16.6 49.7#
77 0.0 25.1 37.7#



#38
Carbon Tetrachloride
Concen: 5.935 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

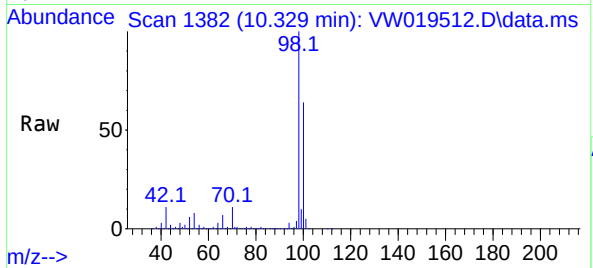
Tgt Ion: 117 Resp: 26719
Ion Ratio Lower Upper
117 100
119 6.4 76.7 115.1#
121 0.0 24.8 37.2#



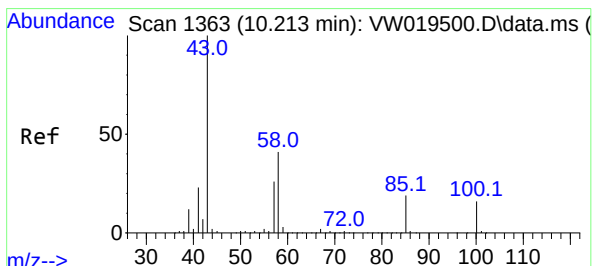
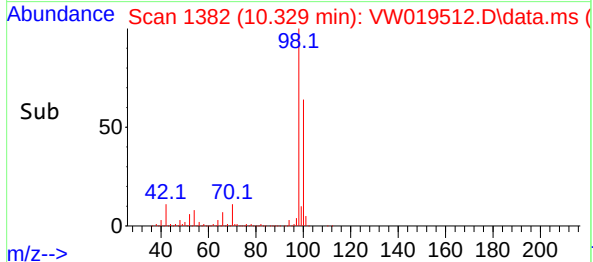
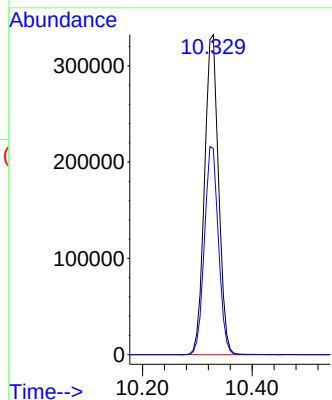


#50
Toluene-d8
Concen: 51.508 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

Instrument :
MSVOA_W
ClientSampled :

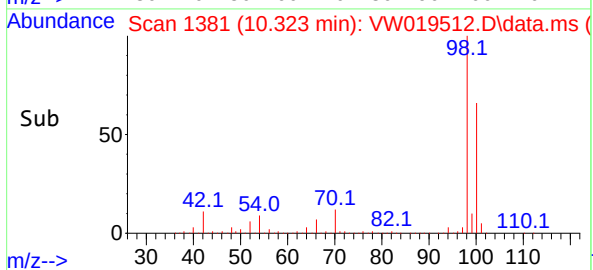
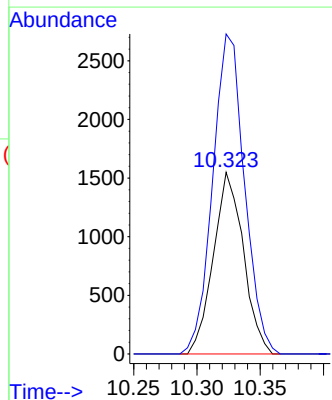
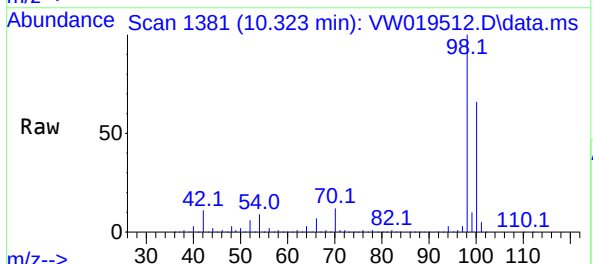


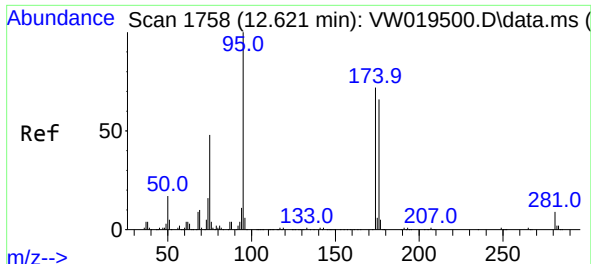
Tgt Ion: 98 Resp: 588970
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 1.225 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

Tgt Ion: 43 Resp: 2552
Ion Ratio Lower Upper
43 100
58 186.7 33.4 50.0#

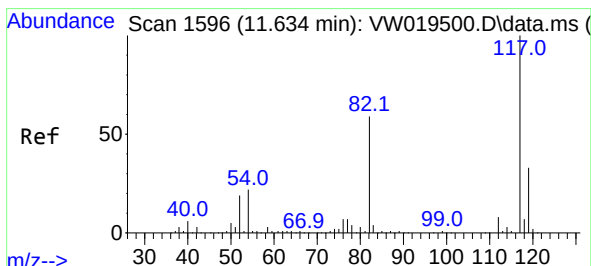
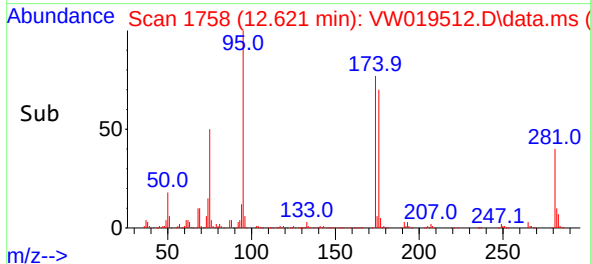
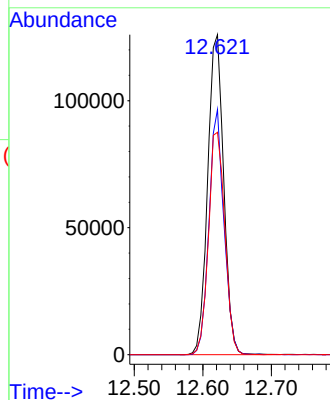
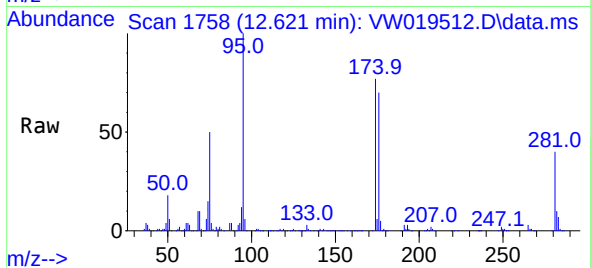




#62
4-Bromofluorobenzene
Concen: 47.701 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

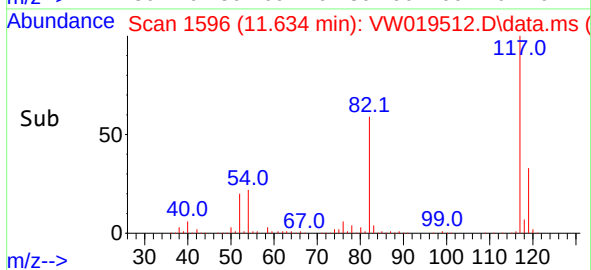
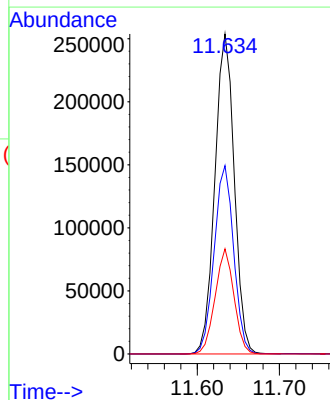
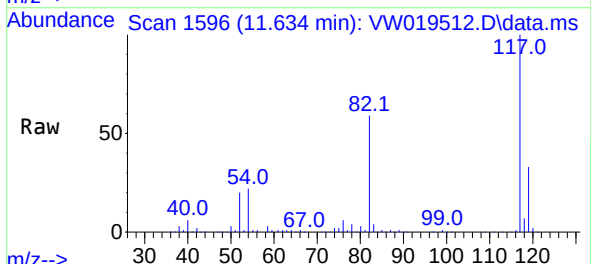
Instrument :
MSVOA_W
ClientSampled :

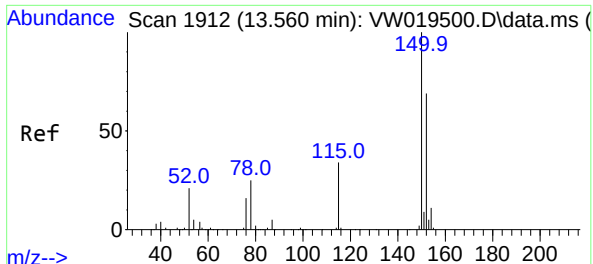
Tgt Ion: 95 Resp: 204598
Ion Ratio Lower Upper
95 100
174 71.8 0.0 146.6
176 71.1 0.0 136.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

Tgt Ion: 117 Resp: 416208
Ion Ratio Lower Upper
117 100
82 58.9 47.4 71.0
119 32.9 26.6 39.8

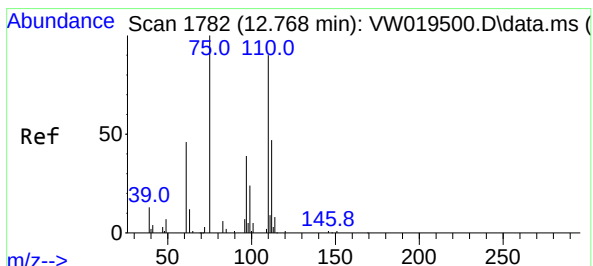
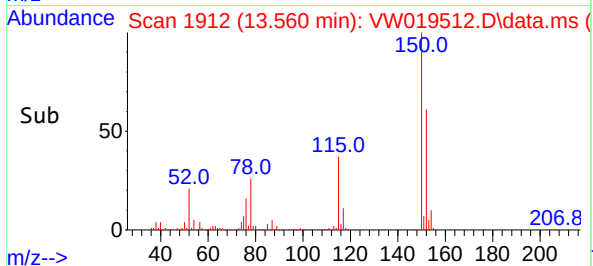
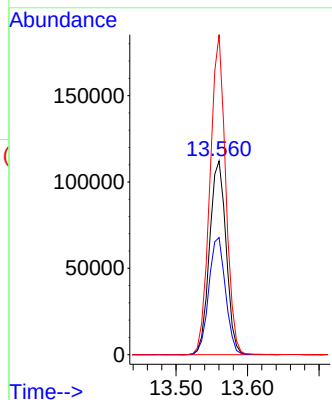
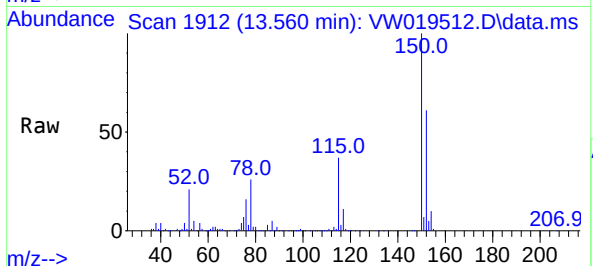




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

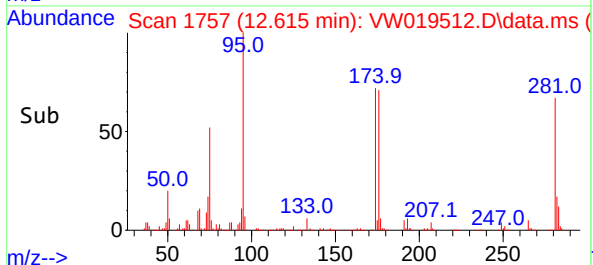
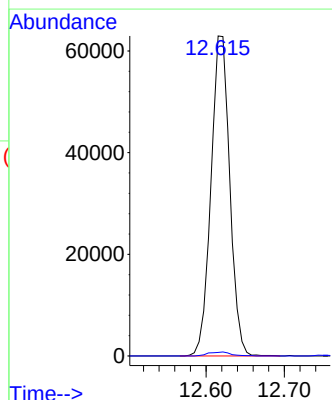
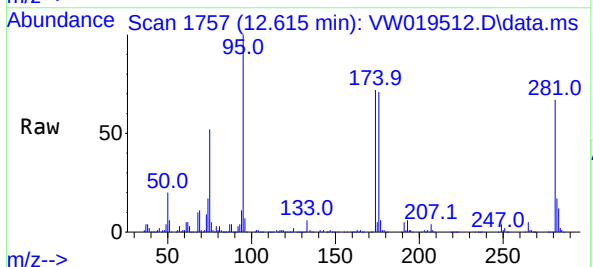
Instrument :
MSVOA_W
ClientSampled :

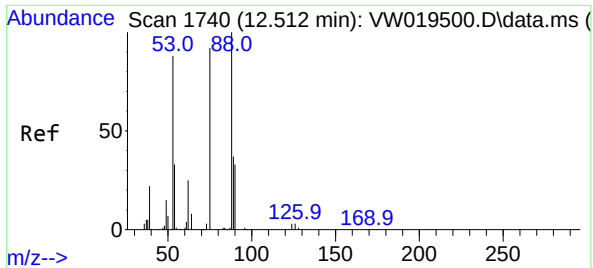
Tgt Ion:152 Resp: 180609
Ion Ratio Lower Upper
152 100
115 61.1 30.6 91.8
150 156.7 0.0 342.4



#76
1,2,3-Trichloropropane
Concen: 58.789 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.152 min
Lab File: VW019512.D
Acq: 20 Jul 2021 15:33

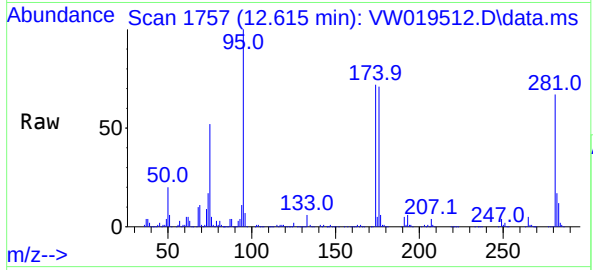
Tgt Ion: 75 Resp: 104938
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.979 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.104 min
 Lab File: VW019512.D
 Acq: 20 Jul 2021 15:33

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 104938
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.8 113.8#
 89 0.0 35.7 53.5#

