

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062221\
 Data File : VW019262.D
 Acq On : 22 Jun 2021 12:34
 Operator : SY/VA
 Sample : M2793-05
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 23 05:40:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W062121S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 21 12:12:47 2021
 Response via : Initial Calibration

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

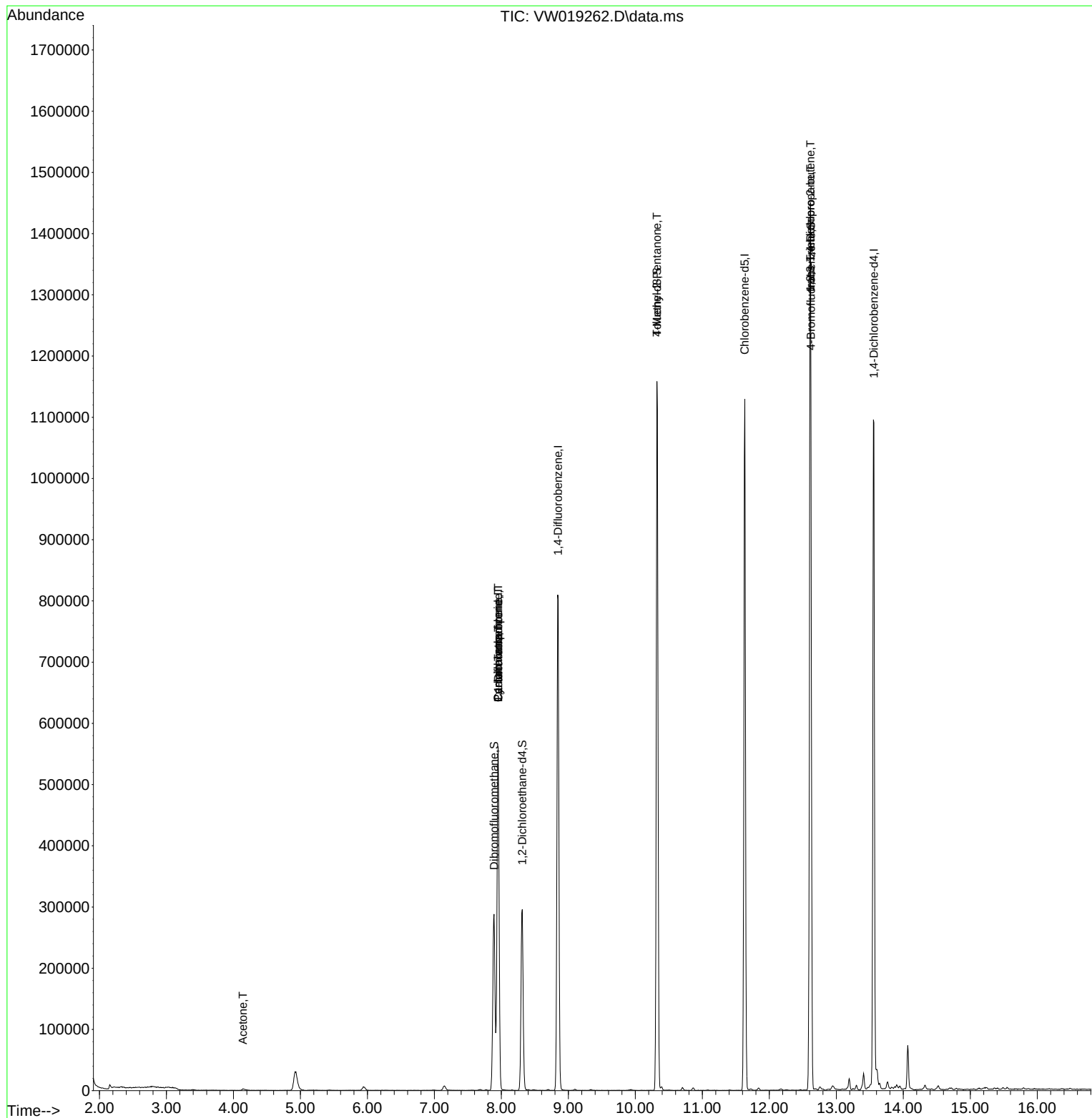
Internal Standards						
1) Pentafluorobenzene	7.951	168	397335	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	677900	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	601776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	280673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	242436	50.299	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.600%	
35) Dibromofluoromethane	7.890	113	202703	46.946	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.900%	
50) Toluene-d8	10.323	98	770053	44.551	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.100%	
62) 4-Bromofluorobenzene	12.621	95	275661	45.599	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.153	59	83	Below Cal	#	72
16) Acetone	4.141	43	5012	6.479	ug/l #	87
20) Methylene Chloride	4.934	84	28894	Below Cal		94
31) Cyclohexane	7.951	56	10161	1.240	ug/l #	16
36) 1,1-Dichloropropene	7.951	75	33569	4.679	ug/l #	50
38) Carbon Tetrachloride	7.951	117	41369	6.596	ug/l #	15
51) 4-Methyl-2-Pentanone	10.323	43	3574	1.378	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	156180	56.800	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	156180	137.793	ug/l #	10

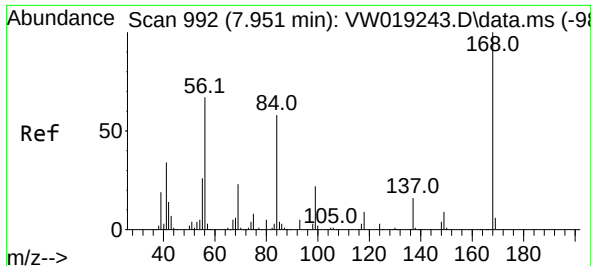
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 21 12:12:47 2021
Response via : Initial Calibration

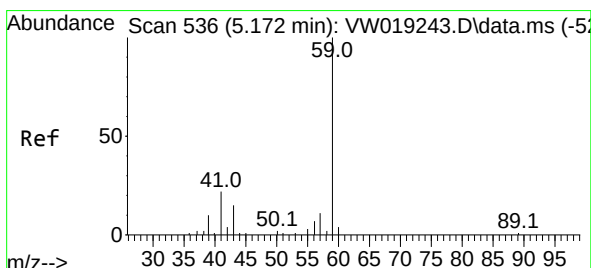
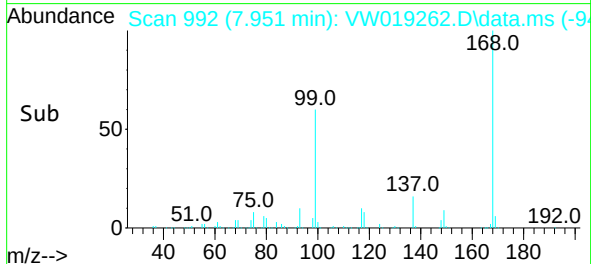
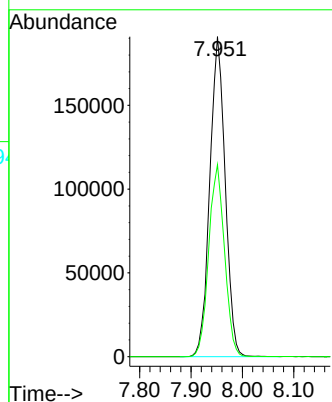
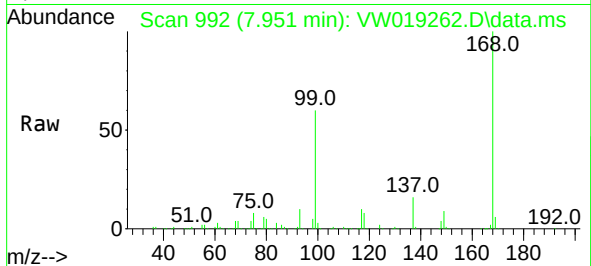




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

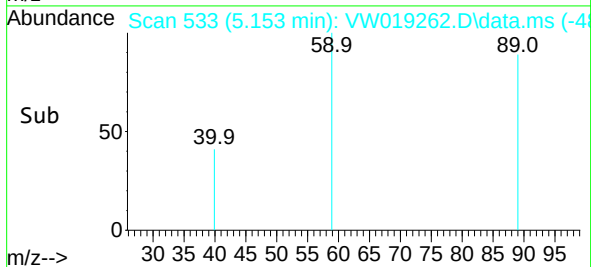
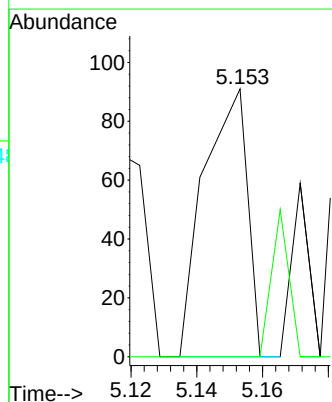
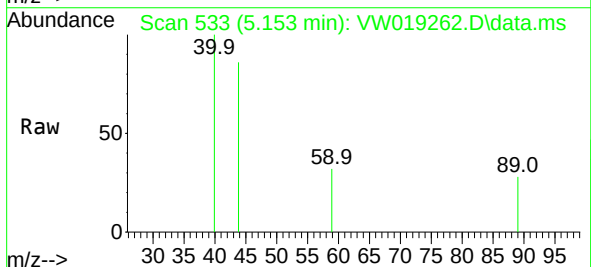
Instrument :
MSVOA_W
ClientSampleId :

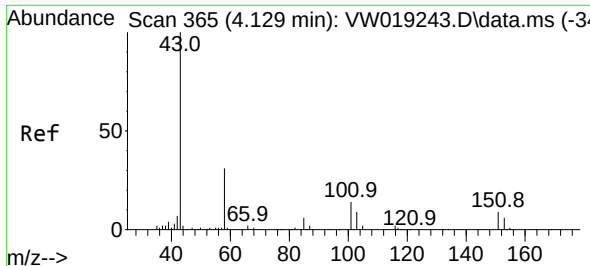
Tgt Ion:168 Resp: 397335
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.153 min Scan# 533
Delta R.T. -0.019 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

Tgt Ion: 59 Resp: 83
Ion Ratio Lower Upper
59 100
57 21.7 8.9 13.3#

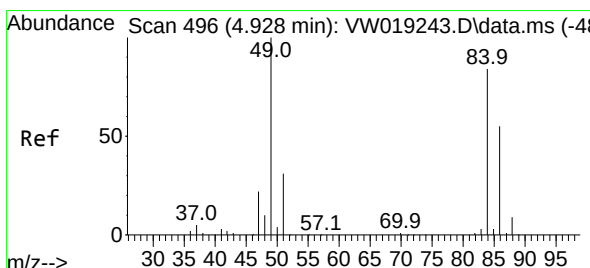
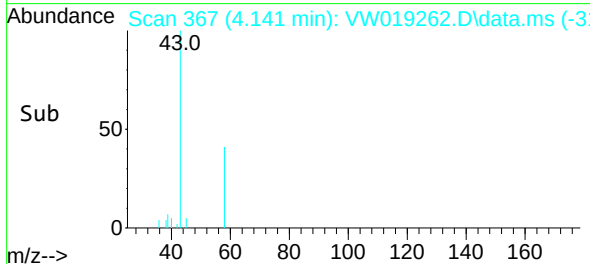
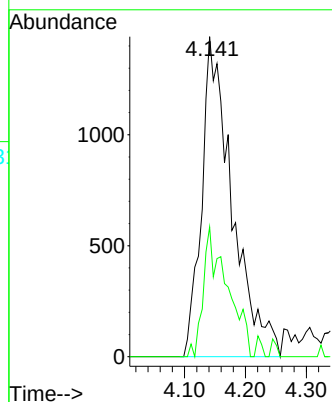
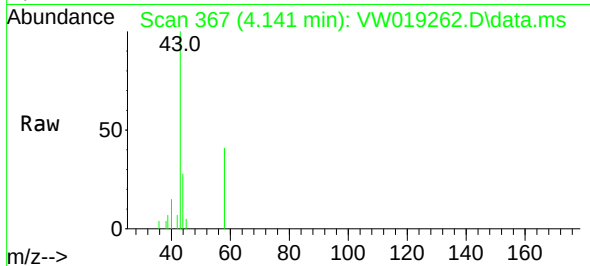




#16
Acetone
Concen: 6.479 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

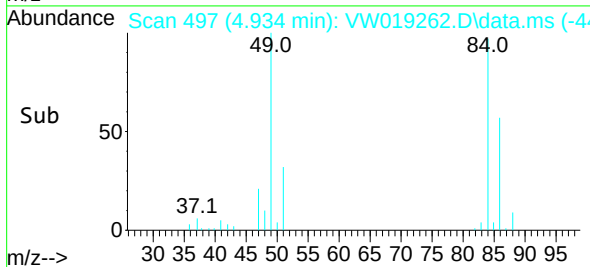
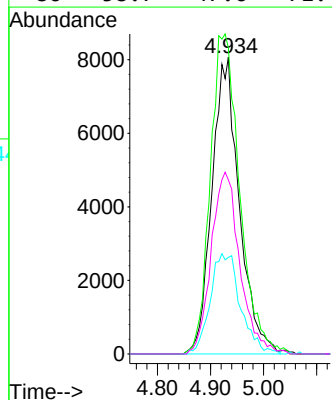
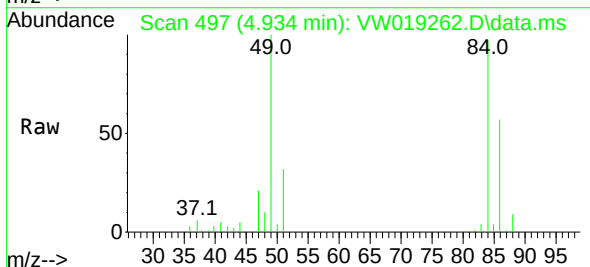
Instrument :
MSVOA_W
ClientSampled :

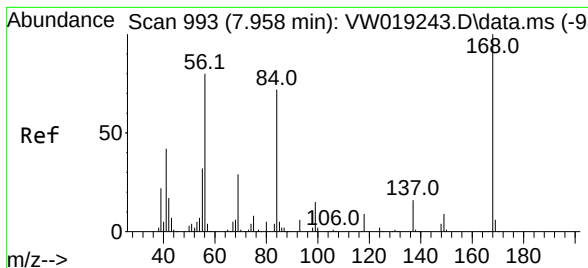
Tgt Ion: 43 Resp: 5012
Ion Ratio Lower Upper
43 100
58 40.6 26.4 39.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.934 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

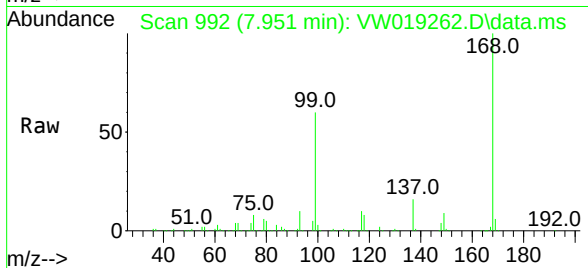
Tgt Ion: 84 Resp: 28894
Ion Ratio Lower Upper
84 100
49 103.2 90.4 135.6
51 32.6 27.1 40.7
86 58.7 47.6 71.4



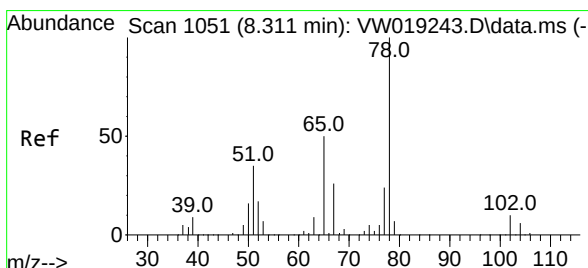
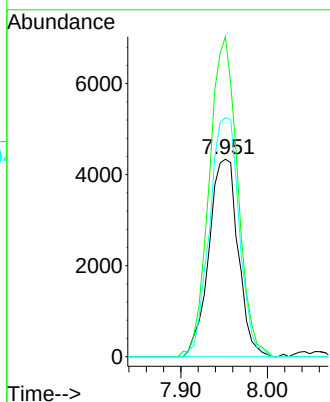
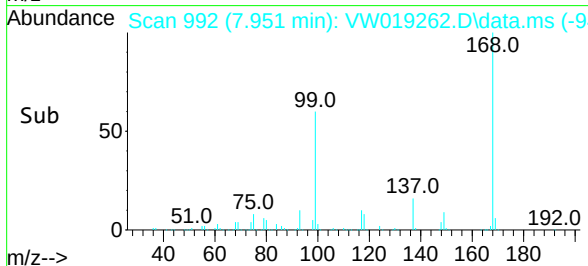


#31
Cyclohexane
Concen: 1.240 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

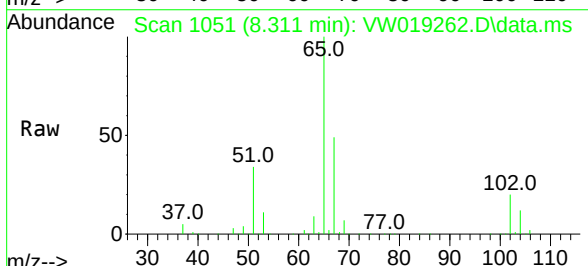
Instrument :
MSVOA_W
ClientSampleId :



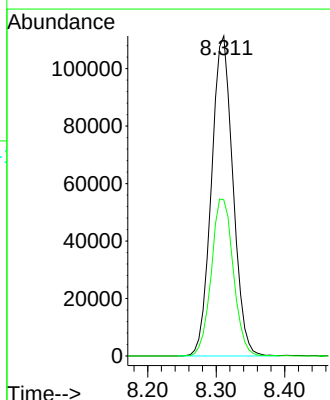
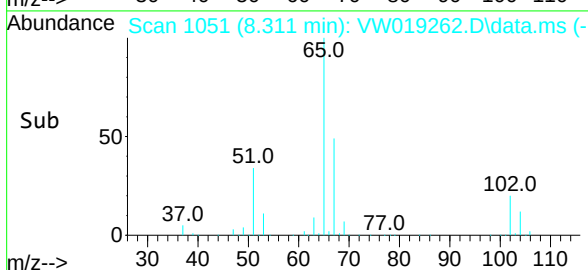
Tgt Ion: 56 Resp: 10161
Ion Ratio Lower Upper
56 100
69 162.1 28.4 42.6#
84 121.1 72.3 108.5#

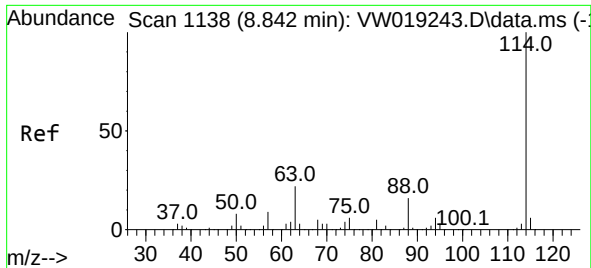


#33
1,2-Dichloroethane-d4
Concen: 50.299 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34



Tgt Ion: 65 Resp: 242436
Ion Ratio Lower Upper
65 100
67 50.3 0.0 104.0

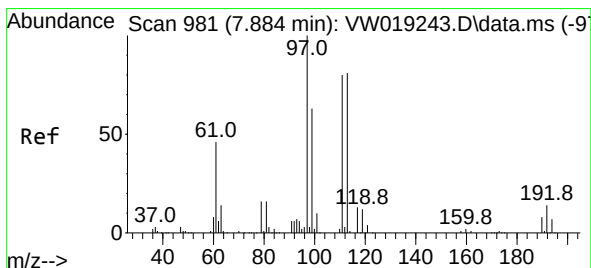
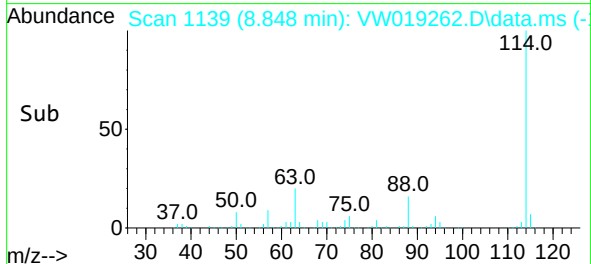
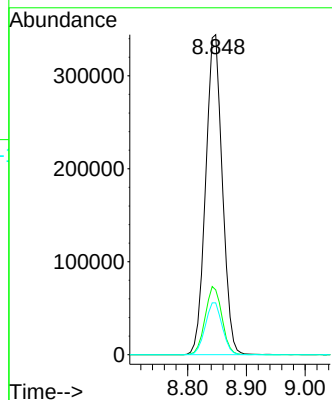
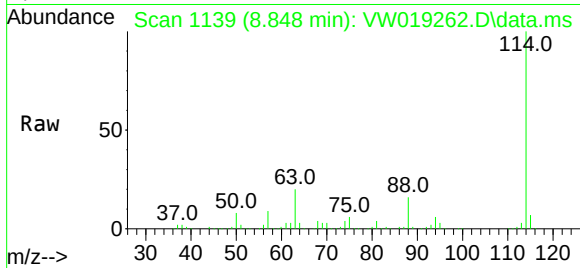




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

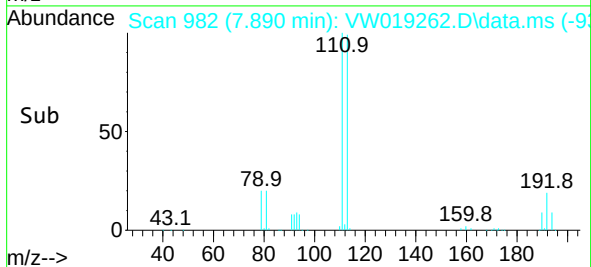
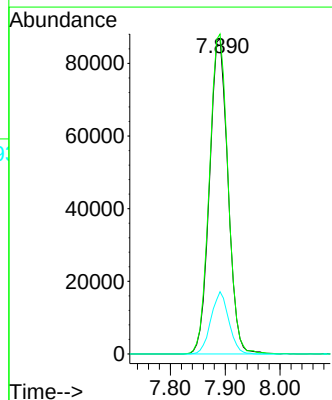
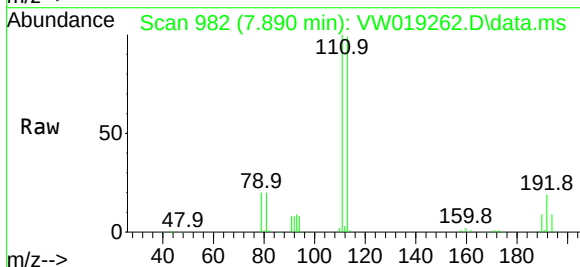
Instrument :
MSVOA_W
ClientSampleId :

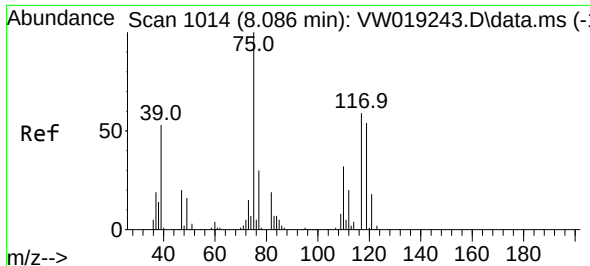
Tgt Ion:114 Resp: 677900
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.4
88 16.2 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.946 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

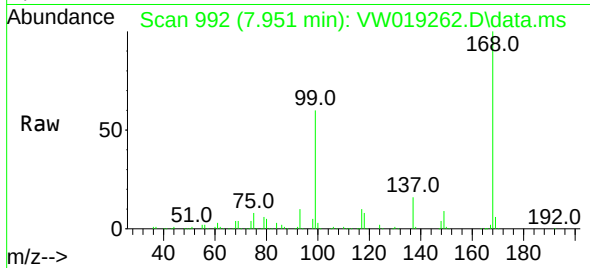
Tgt Ion:113 Resp: 202703
Ion Ratio Lower Upper
113 100
111 102.7 82.3 123.5
192 19.1 15.3 22.9



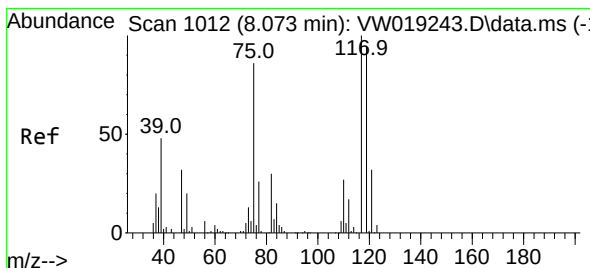
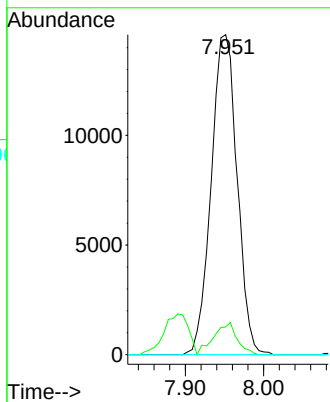
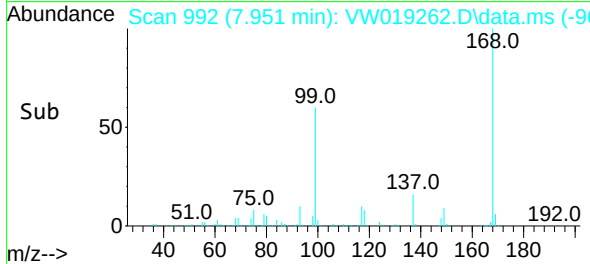


#36
1,1-Dichloropropene
Concen: 4.679 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

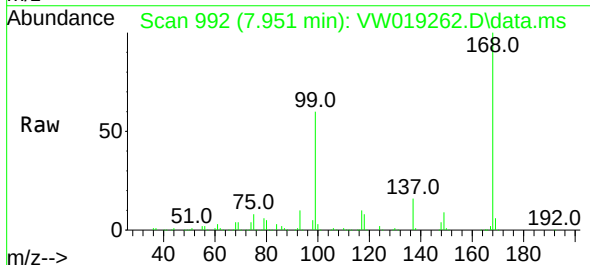
Instrument :
MSVOA_W
ClientSampleId :



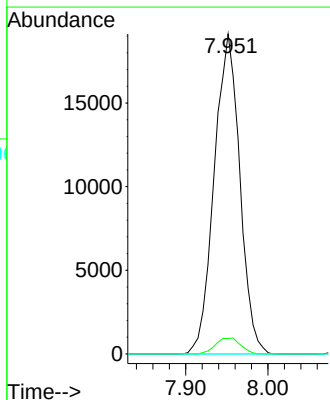
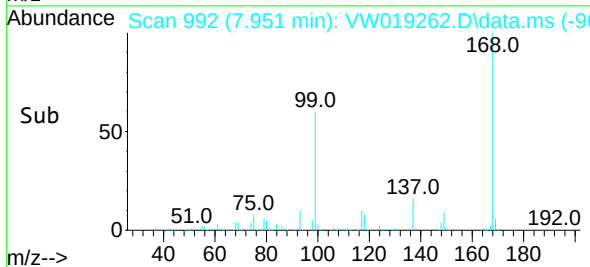
Tgt Ion: 75 Resp: 33569
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 25.3 37.9#

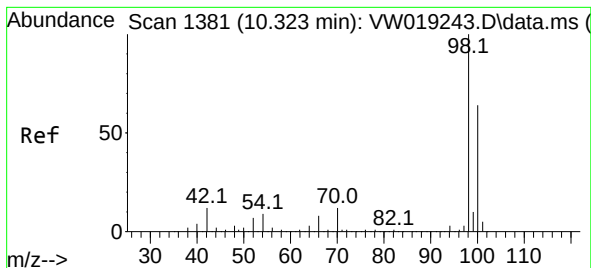


#38
Carbon Tetrachloride
Concen: 6.596 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34



Tgt Ion: 117 Resp: 41369
Ion Ratio Lower Upper
117 100
119 4.8 77.4 116.0#
121 0.0 23.6 35.4#

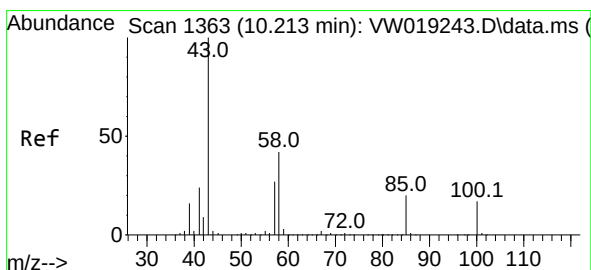
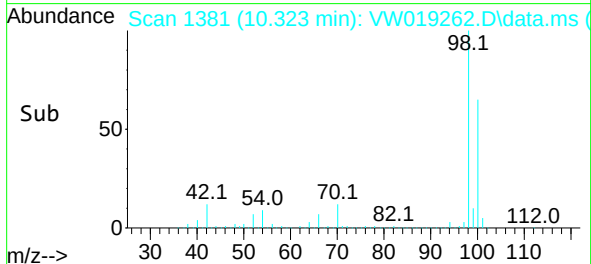
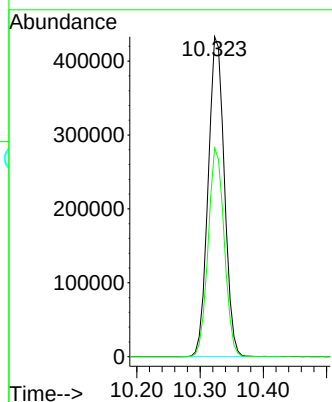
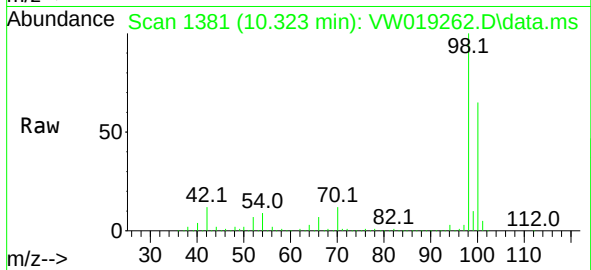




#50
Toluene-d8
Concen: 44.551 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

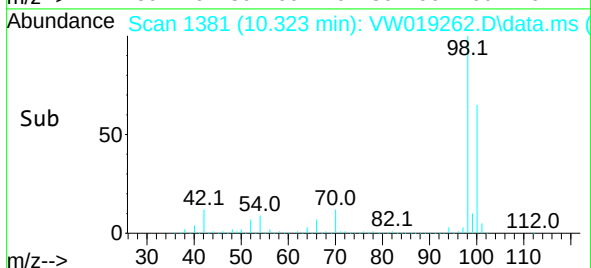
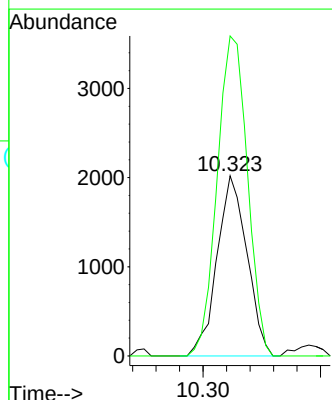
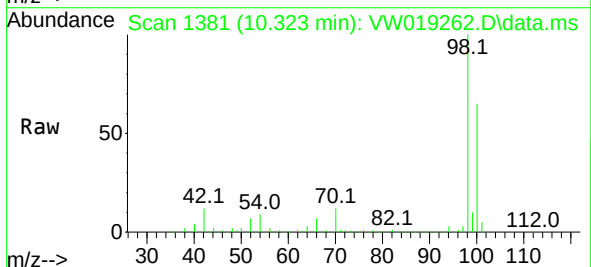
Instrument :
MSVOA_W
ClientSampled :

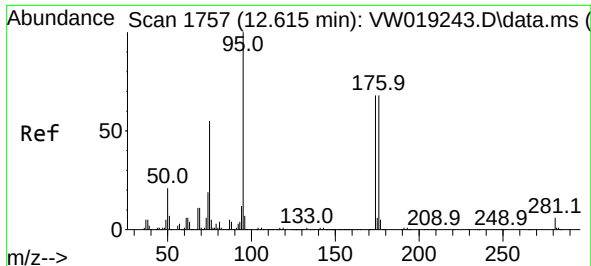
Tgt Ion: 98 Resp: 770053
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.378 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.110 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

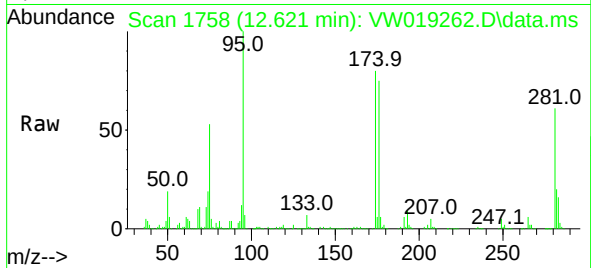
Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
58 179.9 34.2 51.4#



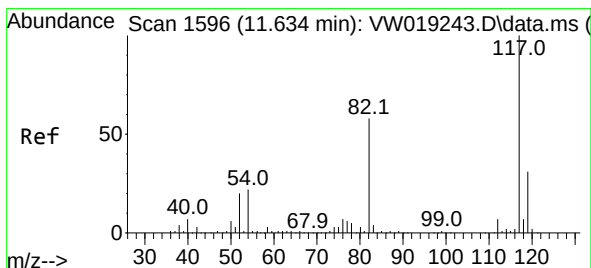
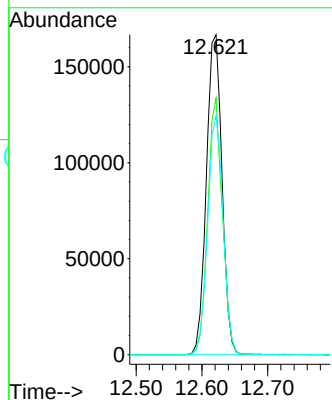
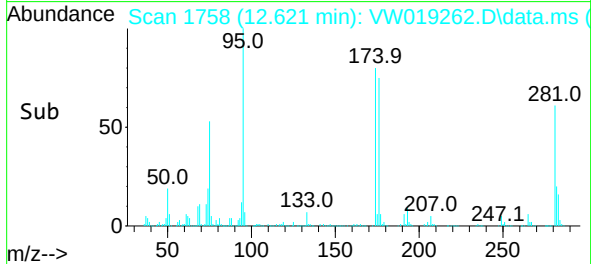


#62
4-Bromofluorobenzene
Concen: 45.599 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

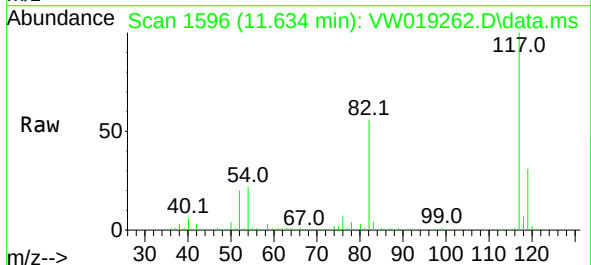
Instrument :
MSVOA_W
ClientSampleId :



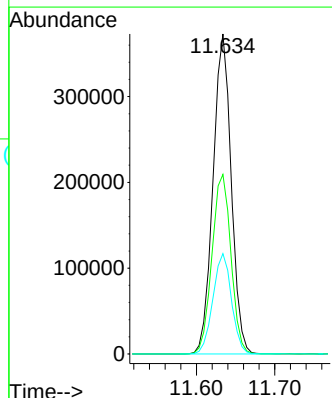
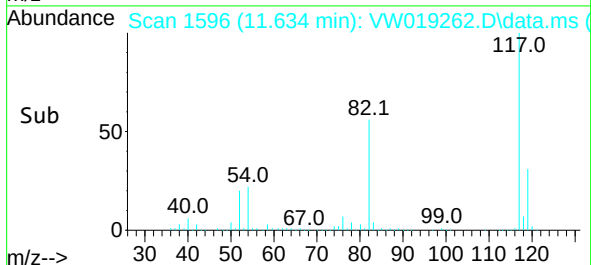
Tgt Ion: 95 Resp: 275661
Ion Ratio Lower Upper
95 100
174 75.8 0.0 156.2
176 73.8 0.0 160.8

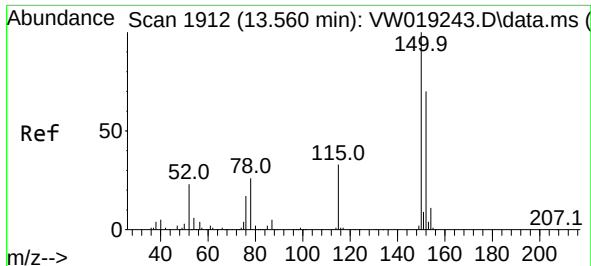


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34



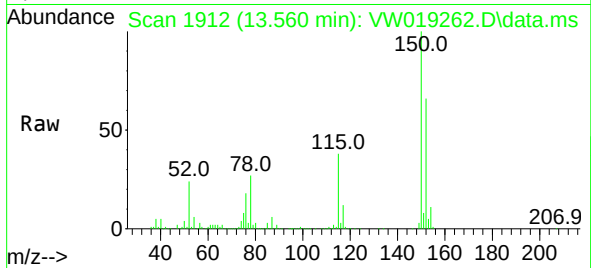
Tgt Ion: 117 Resp: 601776
Ion Ratio Lower Upper
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82 56.1 44.4 66.6
119 31.4 24.6 36.8



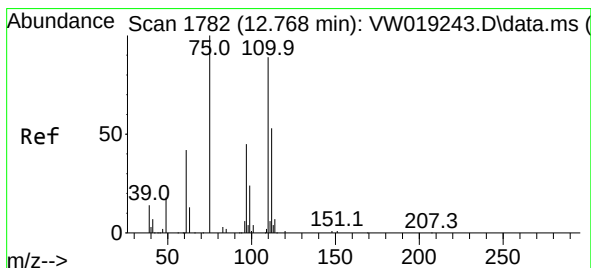
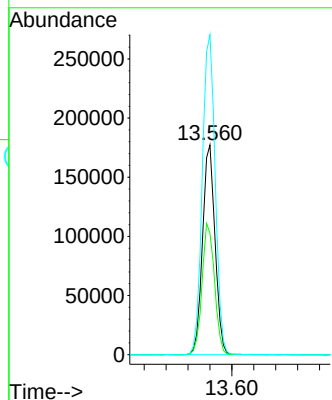
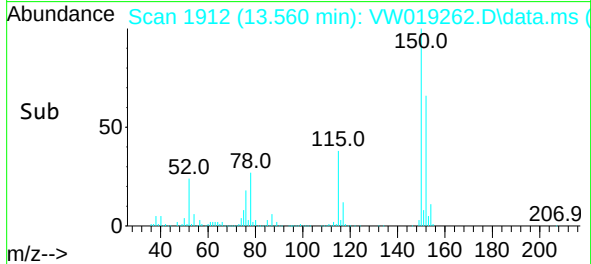


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34

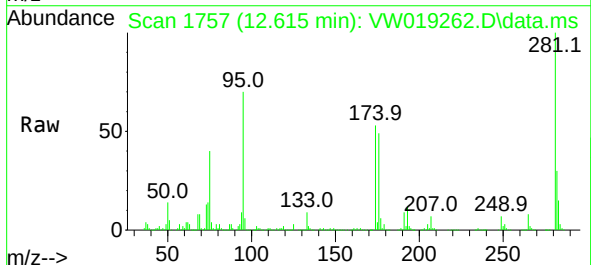
Instrument :
MSVOA_W
ClientSampled :



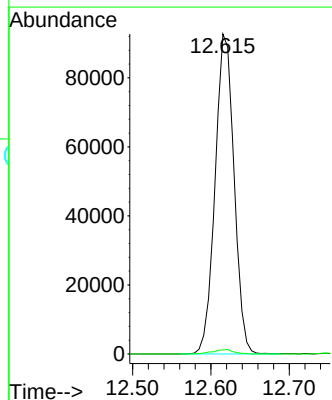
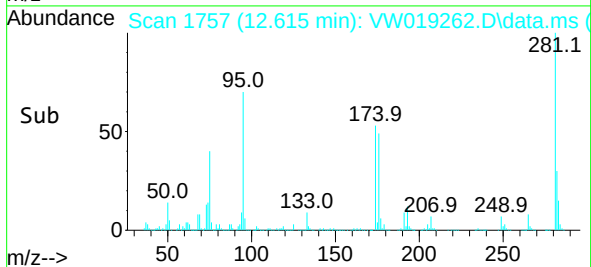
Tgt Ion:152 Resp: 280673
Ion Ratio Lower Upper
152 100
115 62.1 30.3 90.8
150 157.3 0.0 356.0

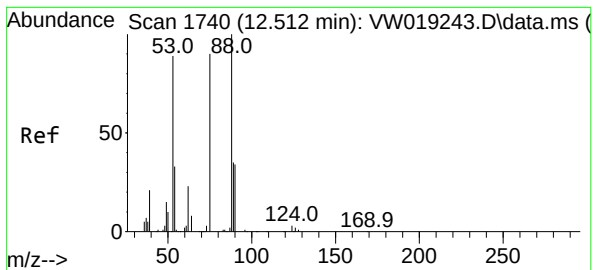


#76
1,2,3-Trichloropropane
Concen: 56.800 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW019262.D
Acq: 22 Jun 2021 12:34



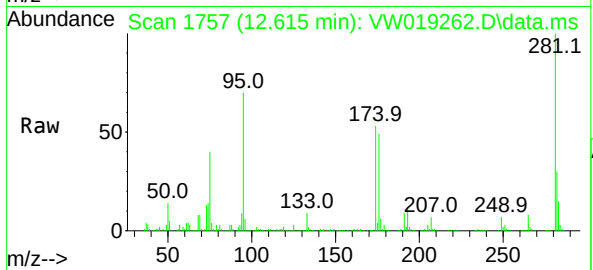
Tgt Ion: 75 Resp: 156180
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 137.793 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW019262.D
 Acq: 22 Jun 2021 12:34

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 156180
 Ion Ratio Lower Upper
 75 100
 53 0.2 81.5 122.3#
 89 1.9 36.3 54.5#

