

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031721\
 Data File : VW018353.D
 Acq On : 17 Mar 2021 18:54
 Operator : SY/VA
 Sample : VW0317SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 18 03:15:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W031721S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 18:51:14 2021
 Response via : Initial Calibration

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

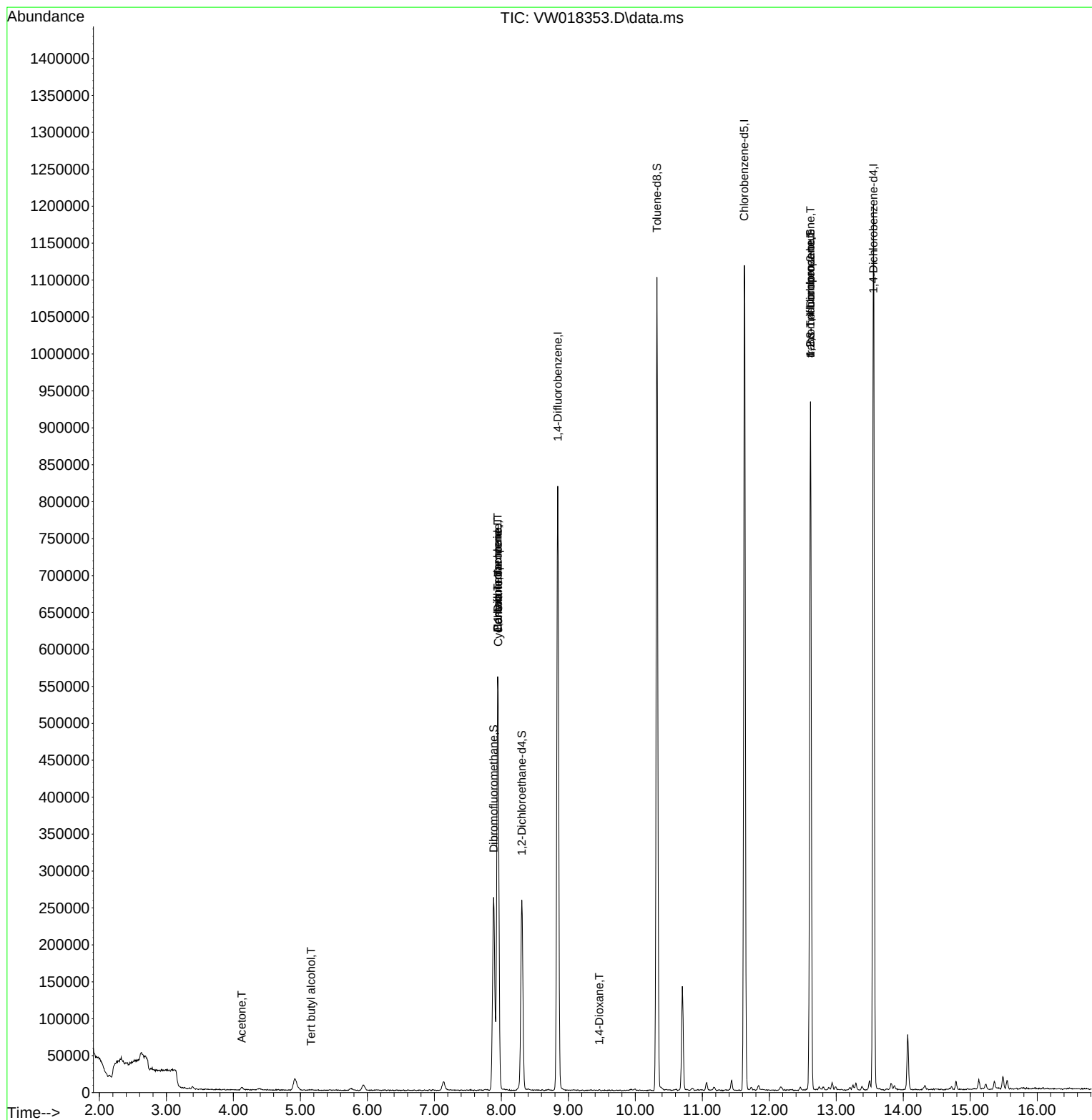
Internal Standards						
1) Pentafluorobenzene	7.946	168	402818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	667905	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	602512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	289884	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	213676	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
35) Dibromofluoromethane	7.885	113	183713	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.323	98	712263	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
62) 4-Bromofluorobenzene	12.615	95	271491	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.159	59	675	2.58	ug/l #	28
13) Acrolein	3.904	56	207	Below Cal	#	32
16) Acetone	4.123	43	6406	9.96	ug/l #	81
20) Methylene Chloride	4.916	84	13599	Below Cal	#	84
31) Cyclohexane	7.952	56	10503	1.43	ug/l #	39
36) 1,1-Dichloropropene	7.946	75	34418	5.22	ug/l #	50
38) Carbon Tetrachloride	7.946	117	41773	6.77	ug/l #	16
49) 1,4-Dioxane	9.464	88	66	1.91	ug/l #	1
76) 1,2,3-Trichloropropane	12.615	75	147150	55.21	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.615	75	147150	120.85	ug/l #	7

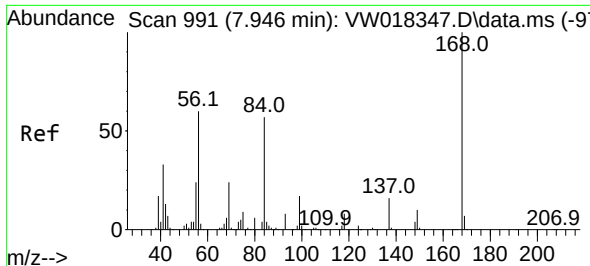
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

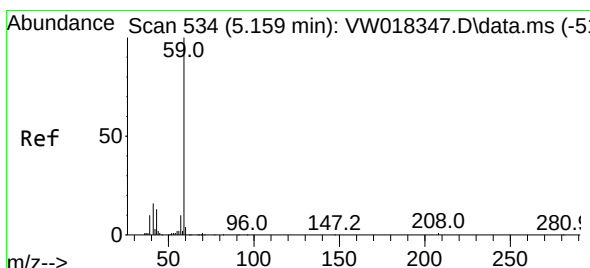
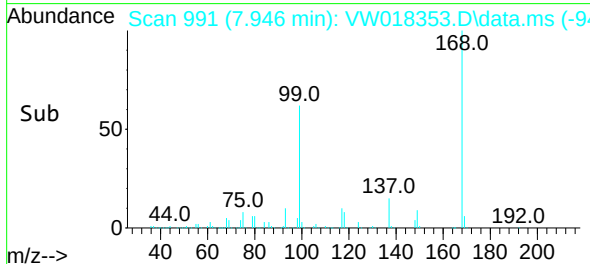
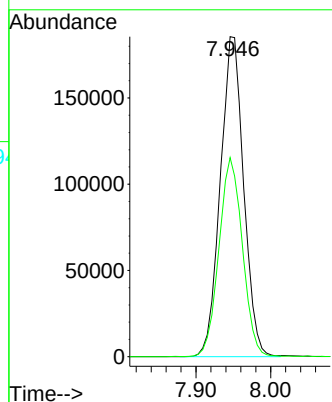
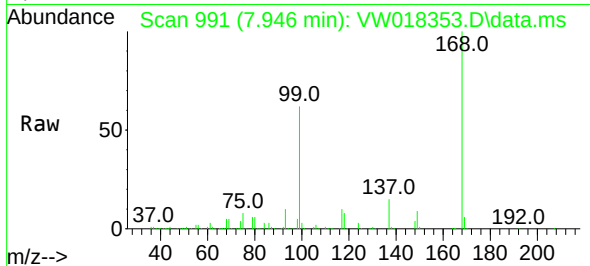




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

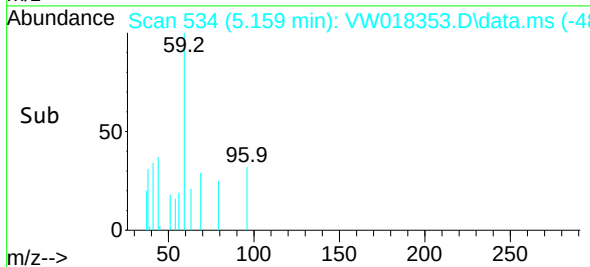
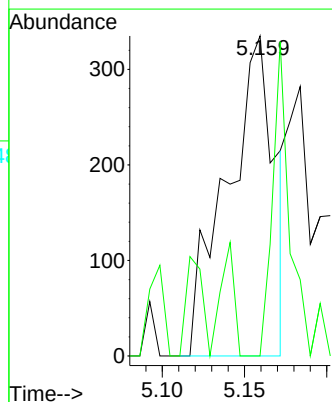
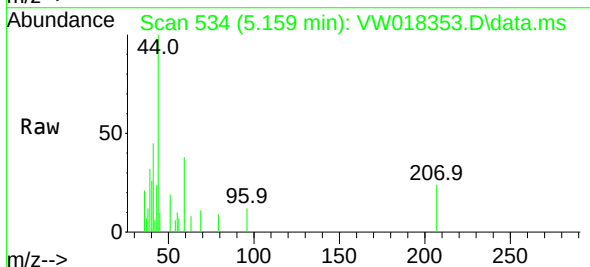
Instrument :
MSVOA_W
ClientSampleId :

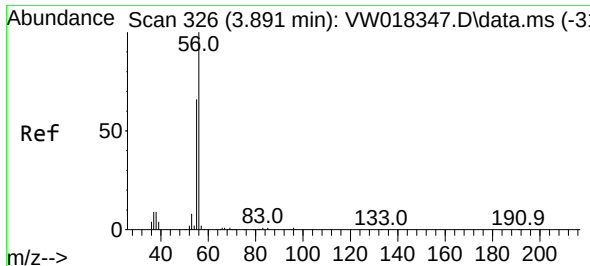
Tgt Ion:168 Resp: 402818
Ion Ratio Lower Upper
168 100
99 62.2 60.8 91.2



#11
Tert butyl alcohol
Concen: 2.58 ug/l
RT: 5.159 min Scan# 534
Delta R.T. 0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

Tgt Ion: 59 Resp: 675
Ion Ratio Lower Upper
59 100
57 37.3 8.4 12.6#

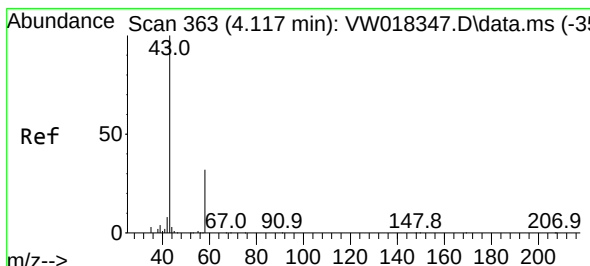
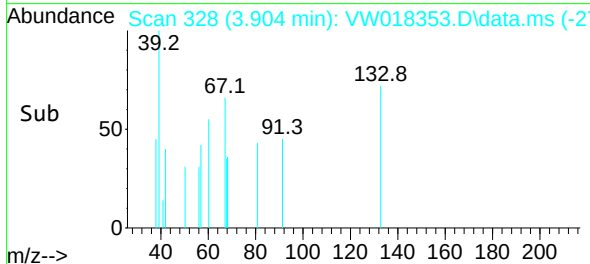
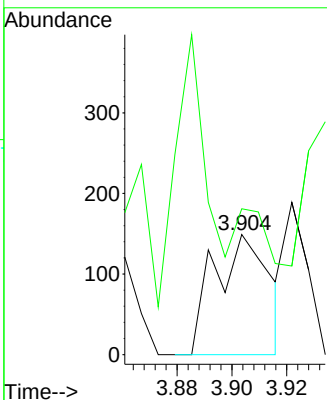
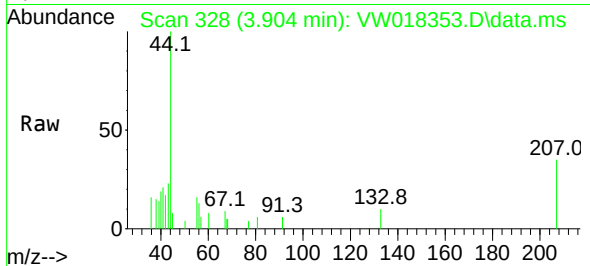




#13
Acrolein
Concen: Below Cal
RT: 3.904 min Scan# 328
Delta R.T. 0.013 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

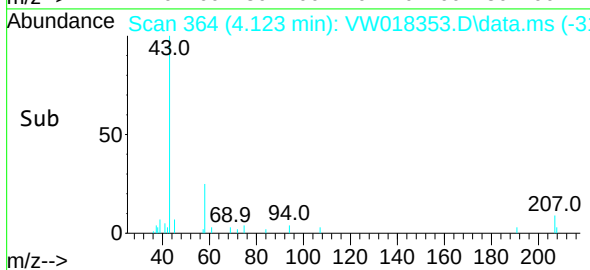
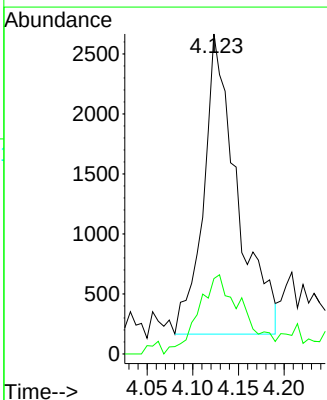
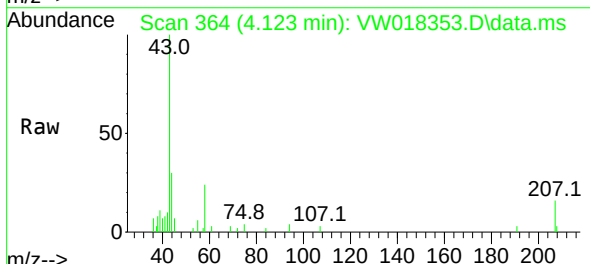
Instrument :
MSVOA_W
ClientSampled :

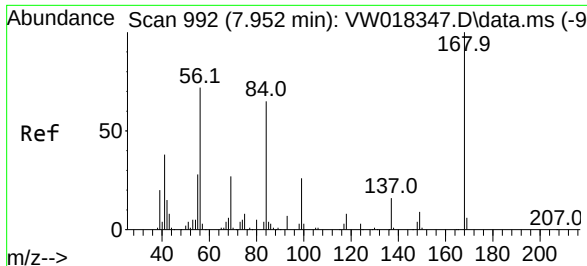
Tgt Ion: 56 Resp: 207
Ion Ratio Lower Upper
56 100
55 127.1 56.8 85.2#



#16
Acetone
Concen: 9.96 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

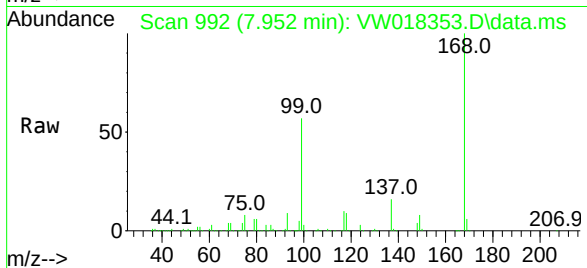
Tgt Ion: 43 Resp: 6406
Ion Ratio Lower Upper
43 100
58 22.7 26.9 40.3#



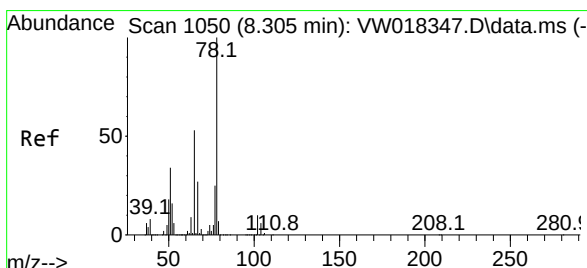
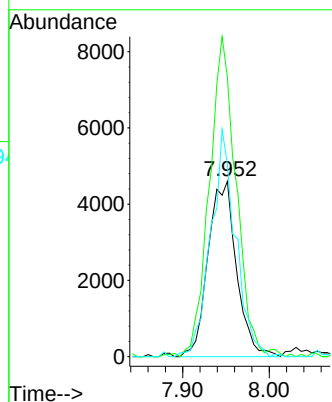
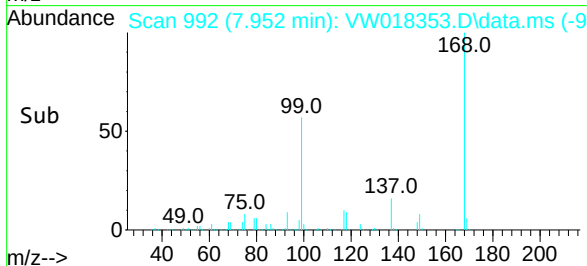


#31
Cyclohexane
Concen: 1.43 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

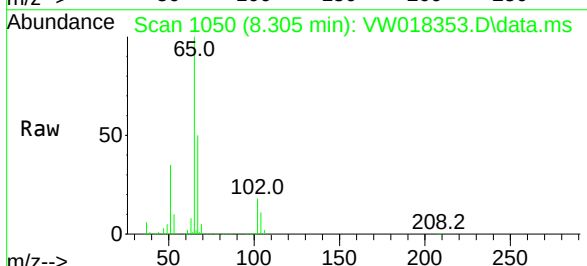
Instrument :
MSVOA_W
ClientSampled :



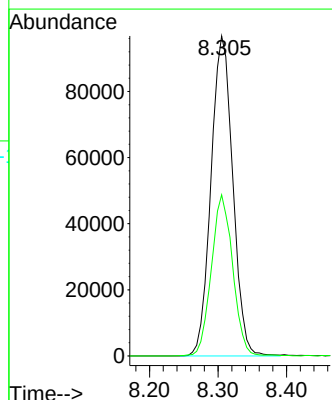
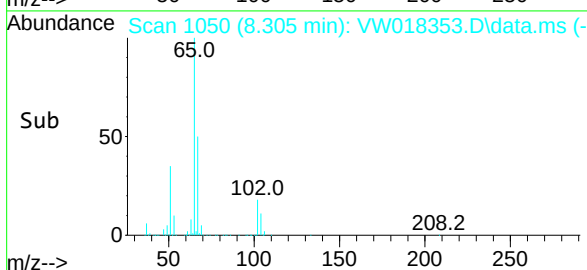
Tgt Ion: 56 Resp: 10503
Ion Ratio Lower Upper
56 100
69 159.4 29.9 44.9#
84 115.5 83.8 125.6

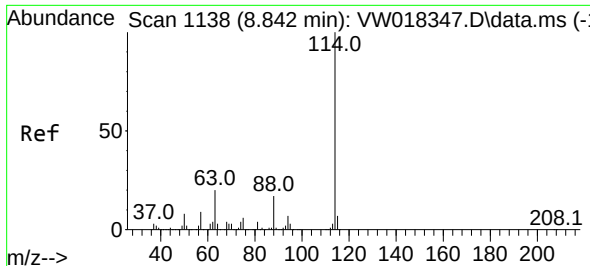


#33
1,2-Dichloroethane-d4
Concen: 49.67 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54



Tgt Ion: 65 Resp: 213676
Ion Ratio Lower Upper
65 100
67 49.4 0.0 96.6

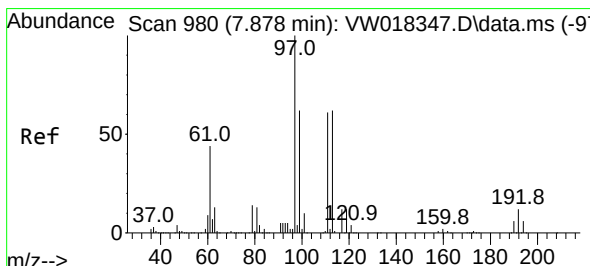
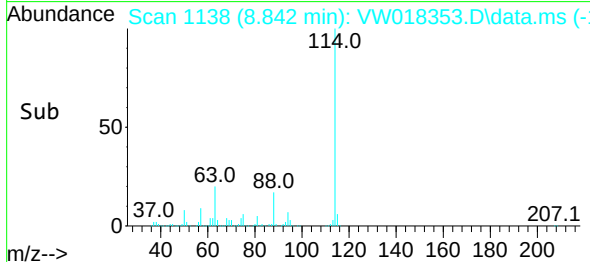
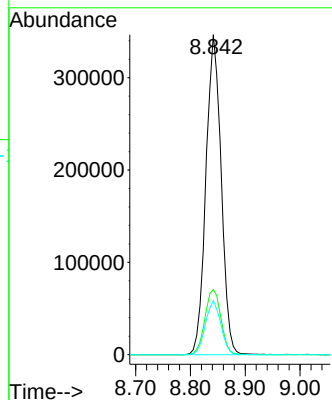
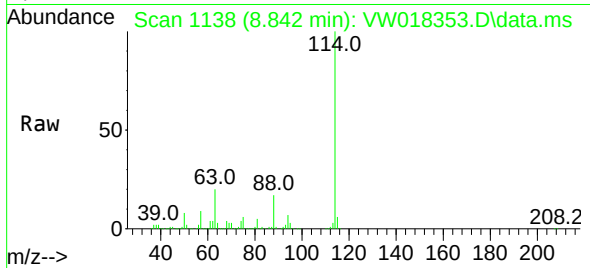




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

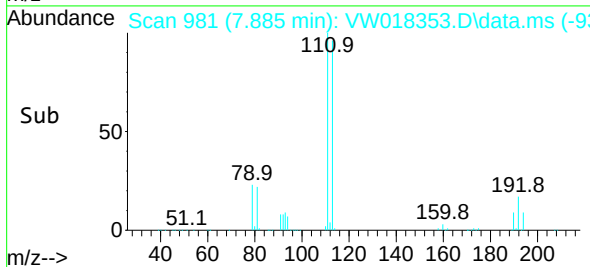
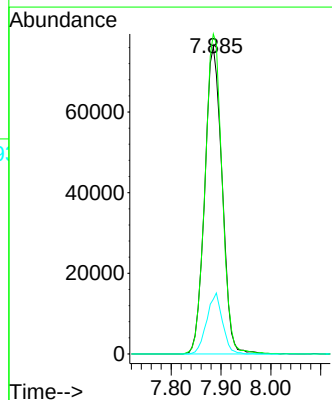
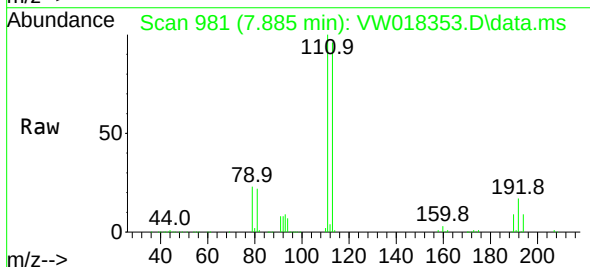
Instrument :
MSVOA_W
ClientSampleId :

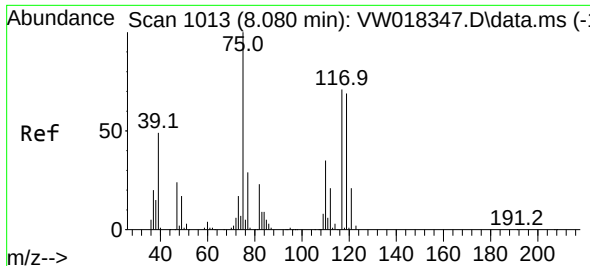
Tgt Ion:	114	Resp:	667905
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	40.4
88	16.9	0.0	32.0



#35
Dibromofluoromethane
Concen: 47.20 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.007 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

Tgt Ion:	113	Resp:	183713
Ion Ratio	Lower	Upper	
113	100		
111	102.7	83.6	125.4
192	18.0	13.8	20.8

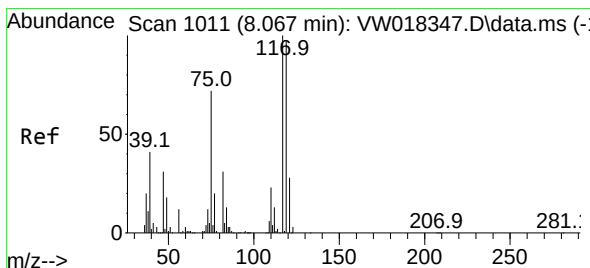
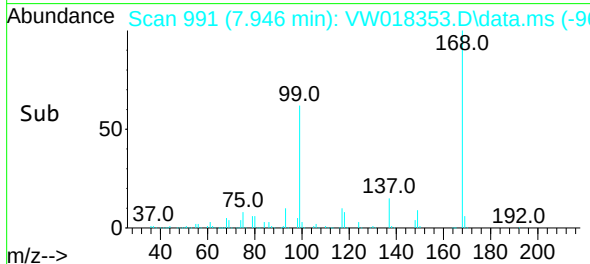
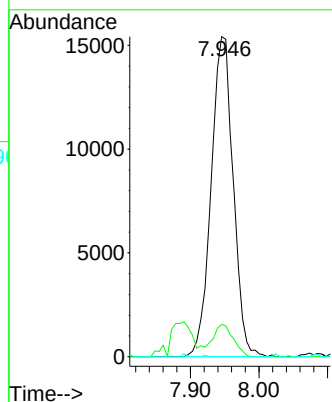
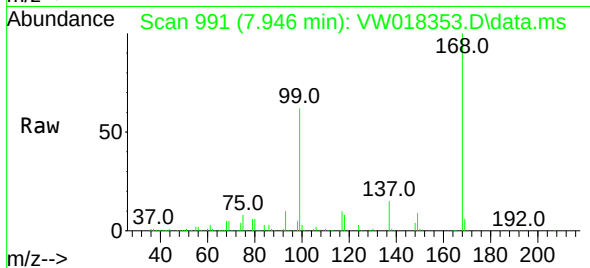




#36
1,1-Dichloropropene
Concen: 5.22 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.134 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

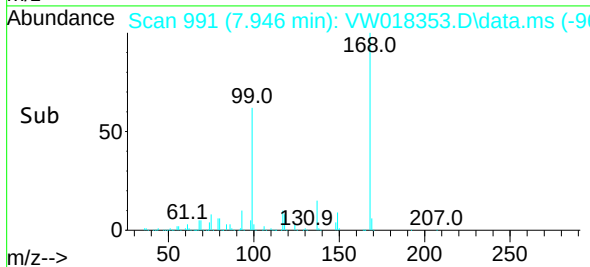
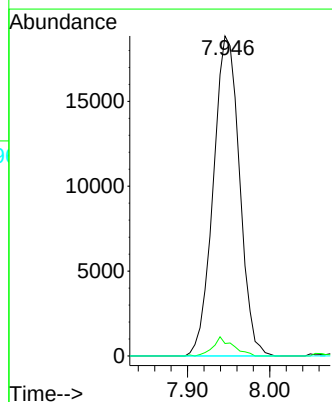
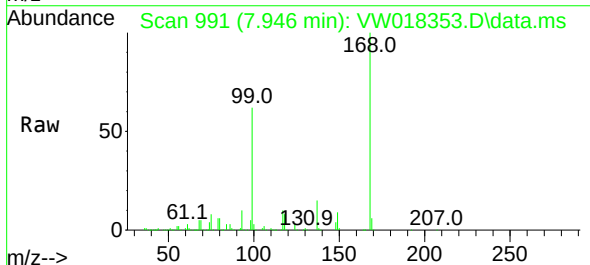
Instrument :
MSVOA_W
ClientSampled :

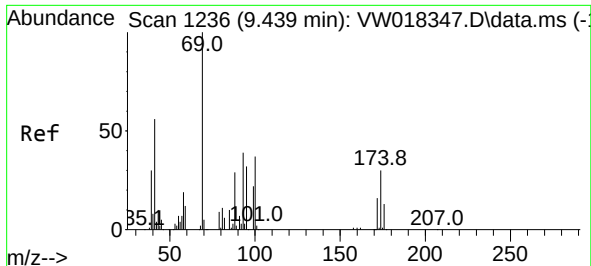
Tgt Ion: 75 Resp: 34418
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.77 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.121 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

Tgt Ion: 117 Resp: 41773
Ion Ratio Lower Upper
117 100
119 3.9 74.5 111.7#
121 0.0 20.3 30.5#

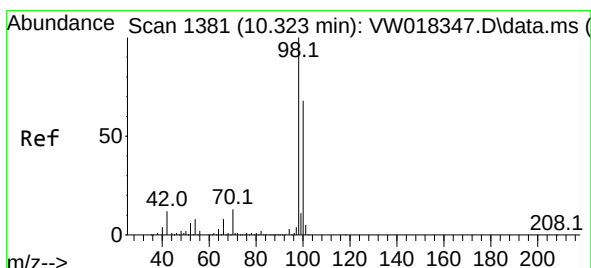
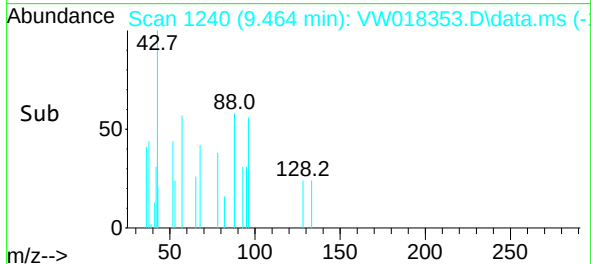
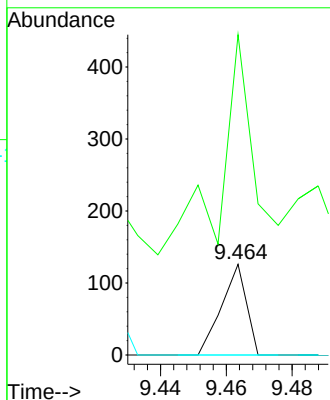
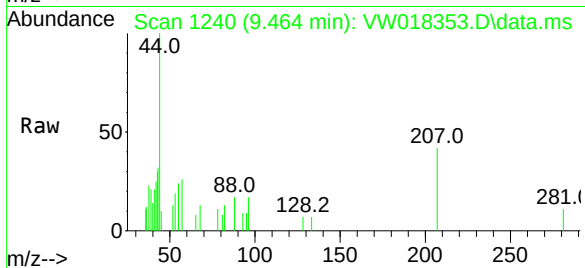




#49
1,4-Dioxane
Concen: 1.91 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.025 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

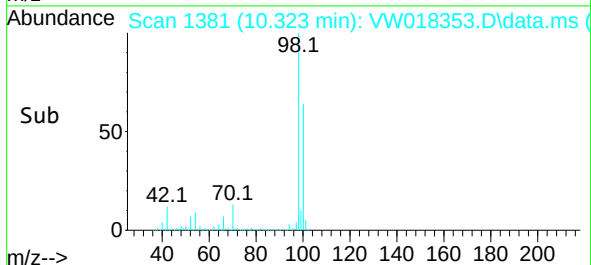
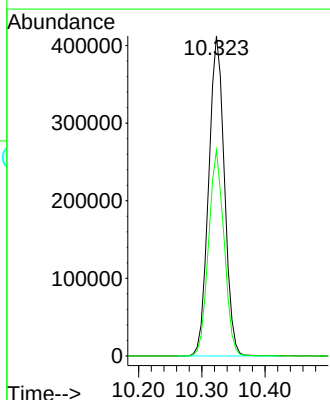
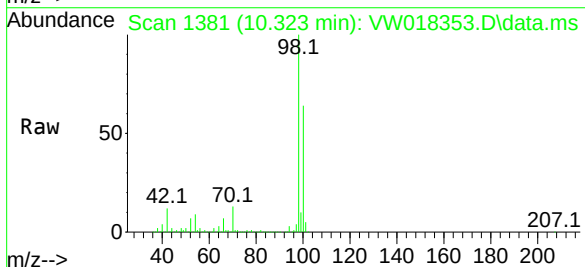
Instrument :
MSVOA_W
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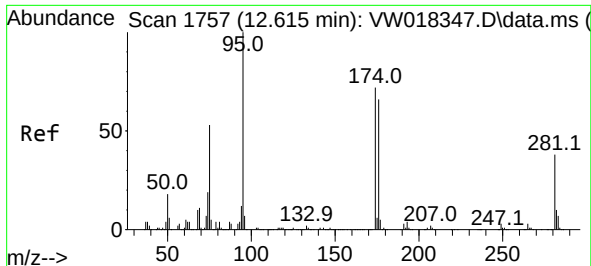
Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 318.2 25.5 38.3#
58 0.0 51.3 76.9#



#50
Toluene-d8
Concen: 46.02 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

Tgt Ion: 98 Resp: 712263
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.8

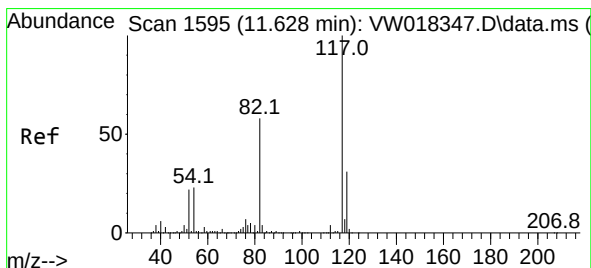
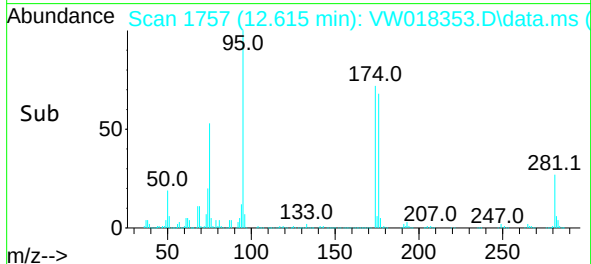
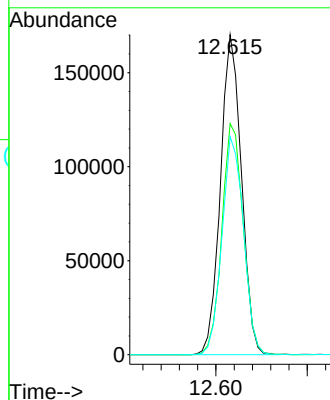
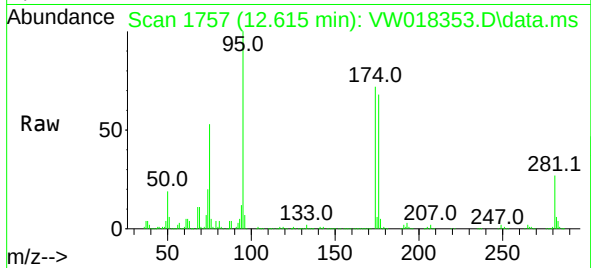




#62
4-Bromofluorobenzene
Concen: 46.20 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

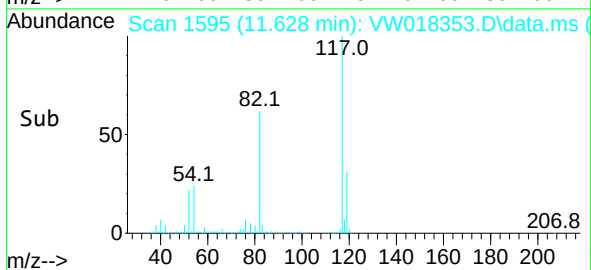
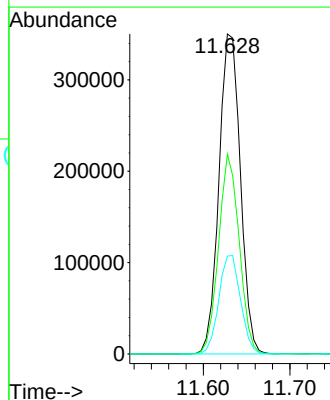
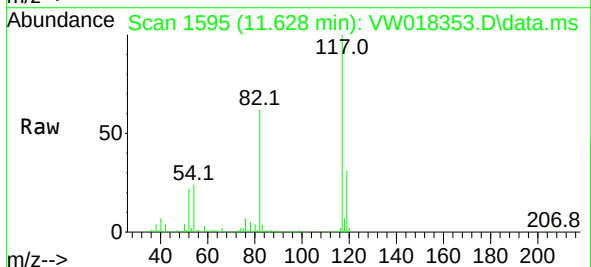
Instrument :
MSVOA_W
ClientSampleId :

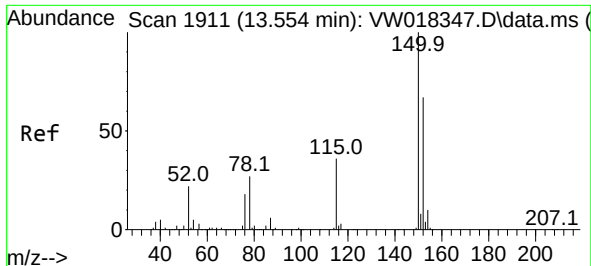
Tgt Ion: 95 Resp: 271491
Ion Ratio Lower Upper
95 100
174 73.6 0.0 132.8
176 70.0 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

Tgt Ion:117 Resp: 602512
Ion Ratio Lower Upper
117 100
82 62.5 43.1 64.7
119 30.6 25.1 37.7

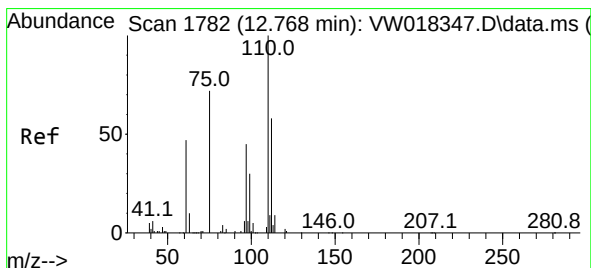
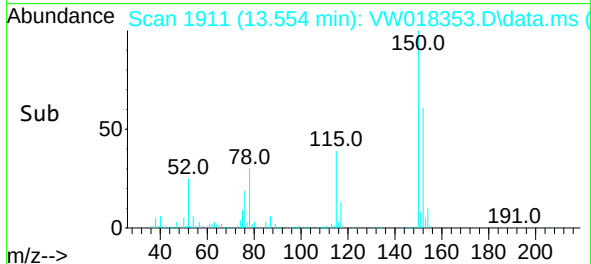
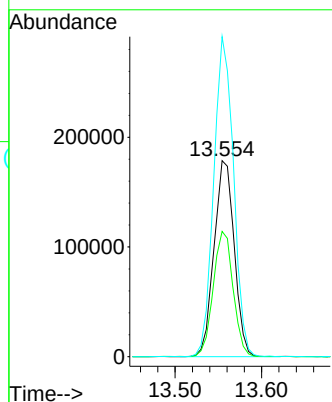
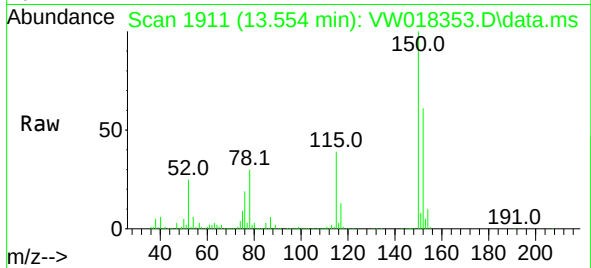




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

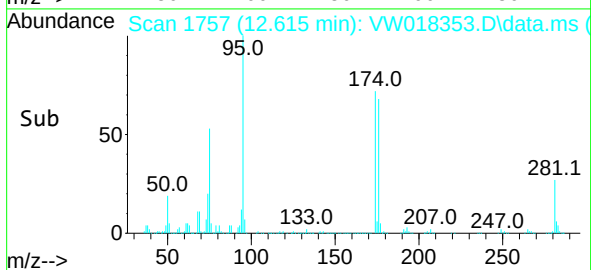
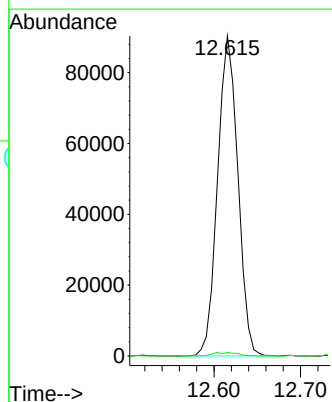
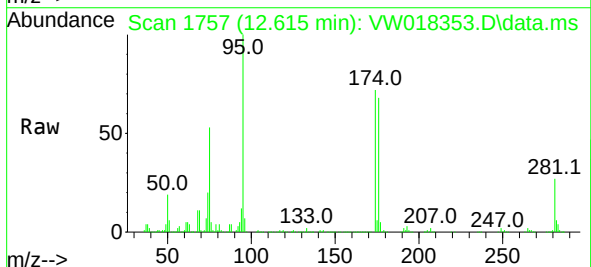
Instrument :
MSVOA_W
ClientSampled :

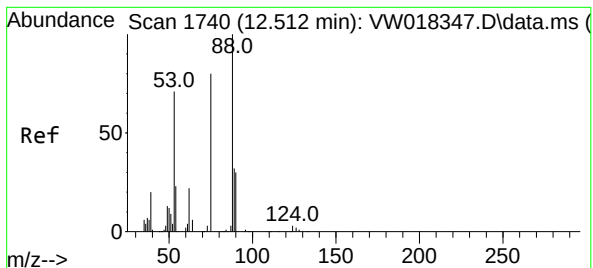
Tgt Ion:152 Resp: 289884
Ion Ratio Lower Upper
152 100
115 62.6 31.9 95.7
150 159.6 0.0 347.2



#76
1,2,3-Trichloropropane
Concen: 55.21 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW018353.D
Acq: 17 Mar 2021 18:54

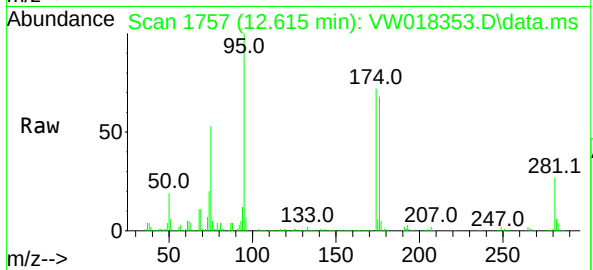
Tgt Ion: 75 Resp: 147150
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.85 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW018353.D
 Acq: 17 Mar 2021 18:54

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 147150
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.5 38.8 58.2#

