

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017660.D
 Acq On : 16 Dec 2020 13:56
 Operator : SY/VA
 Sample : L5088-03RE
 Misc : 6.12G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:07:57 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

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

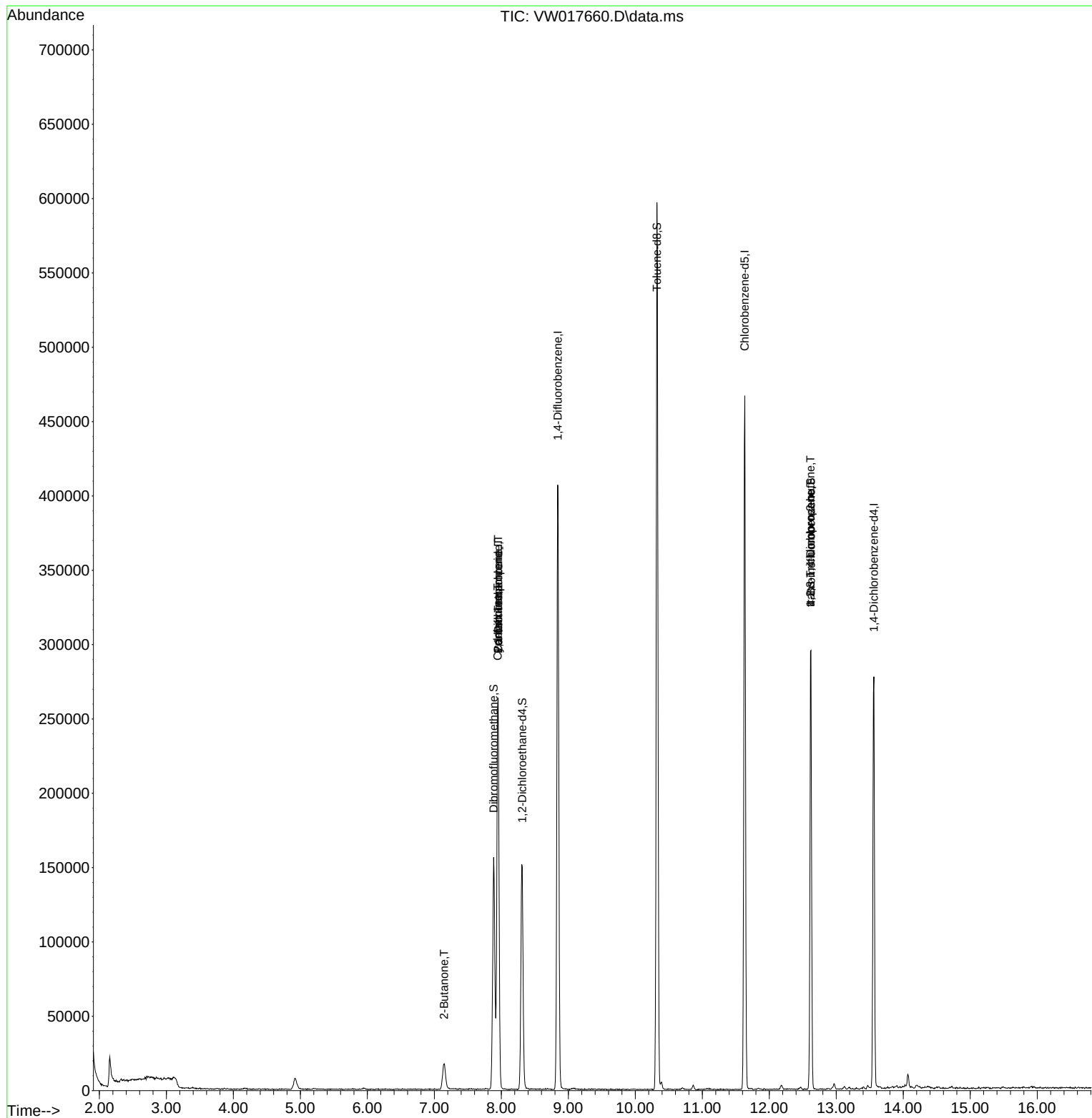
Internal Standards						
1) Pentafluorobenzene	7.952	168	191188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	328530	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	240354	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	66925	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	120136	51.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.18%	
35) Dibromofluoromethane	7.885	113	103765	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.323	98	378819	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
62) 4-Bromofluorobenzene	12.622	95	95036	31.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.90%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.153	59	26	Below Cal	#	1
20) Methylene Chloride	4.922	84	5769	Below Cal	#	87
25) 2-Butanone	7.147	43	1330	1.97	ug/l #	43
26) 2,2-Dichloropropane	7.135	77	1478	Below Cal	#	50
31) Cyclohexane	7.946	56	5424	1.35	ug/l #	49
36) 1,1-Dichloropropene	7.952	75	17428	5.07	ug/l #	49
38) Carbon Tetrachloride	7.952	117	20548	5.94	ug/l #	13
76) 1,2,3-Trichloropropane	12.615	75	54120	84.01	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	54120	170.20	ug/l #	11

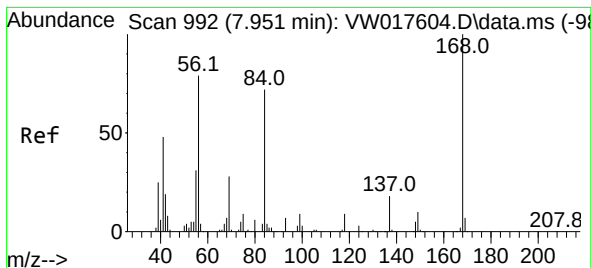
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 6.12G/5ML/MSVOA_W/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 17 05:07:57 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

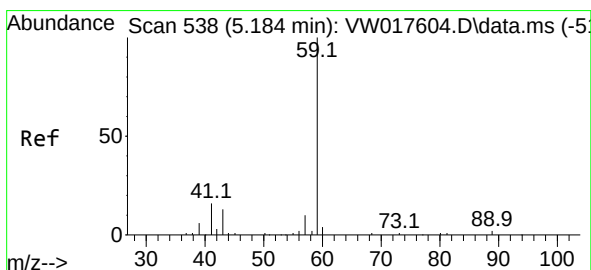
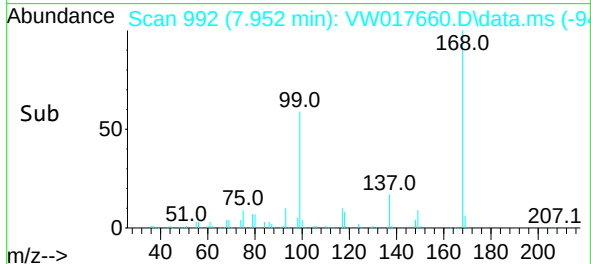
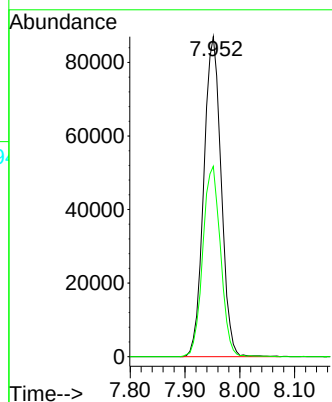
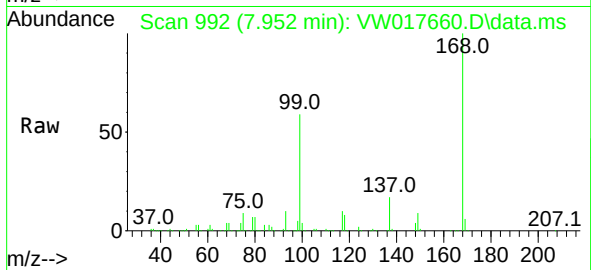




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

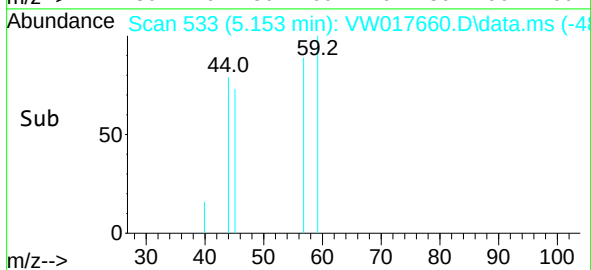
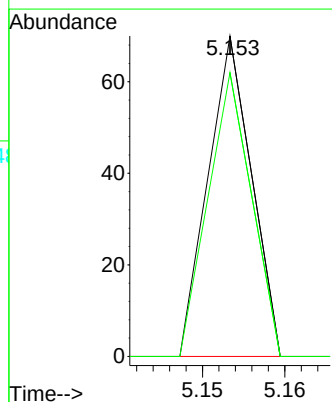
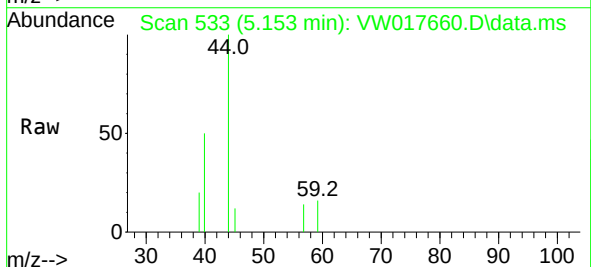
Instrument :
MSVOA_W
ClientSampleId :

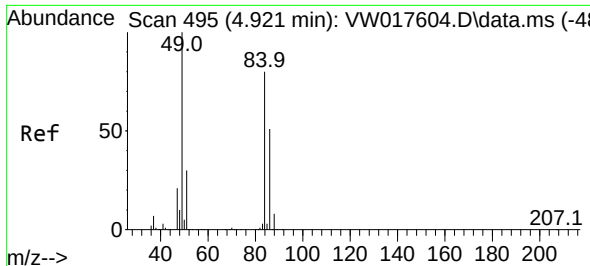
Tgt Ion:168 Resp: 191188
Ion Ratio Lower Upper
168 100
99 59.5 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.153 min Scan# 533
Delta R.T. -0.031 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

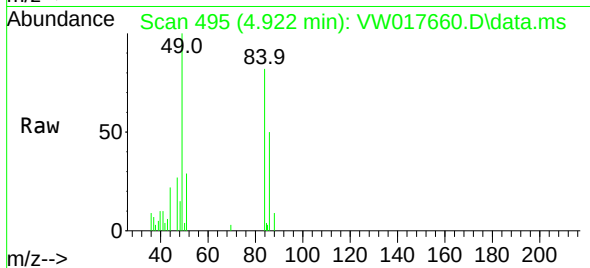
Tgt Ion: 59 Resp: 26
Ion Ratio Lower Upper
59 100
57 88.5 4.7 7.1#



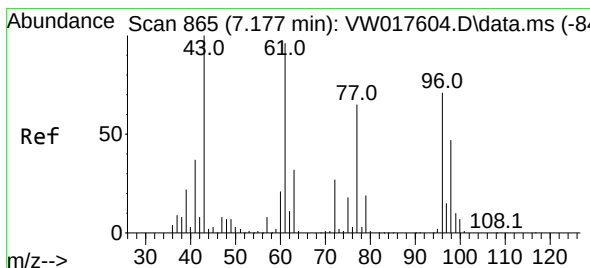
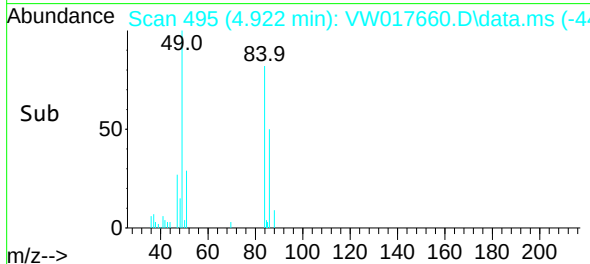
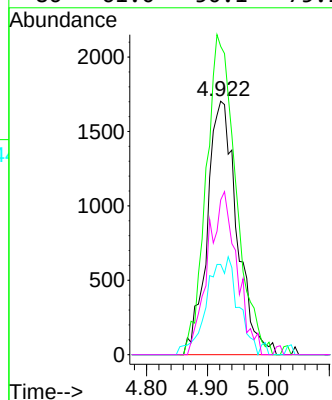


#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

Instrument :
MSVOA_W
ClientSampleId :

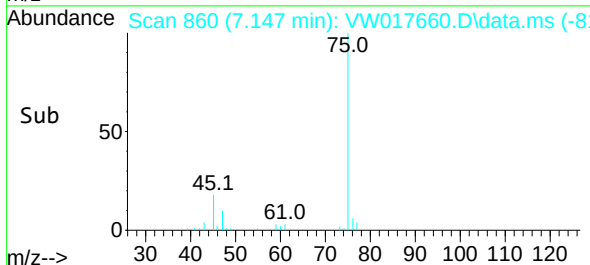
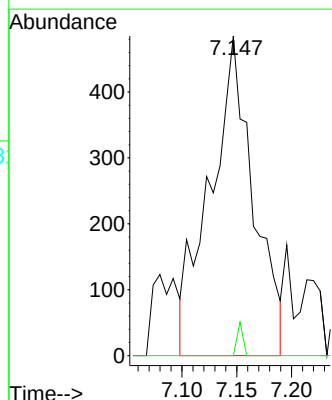
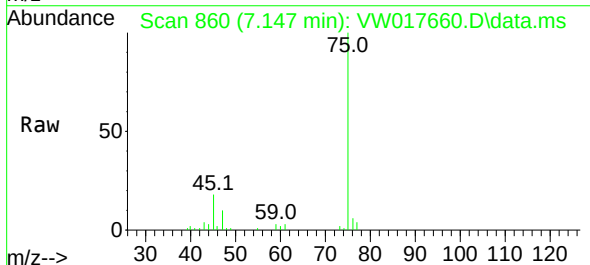


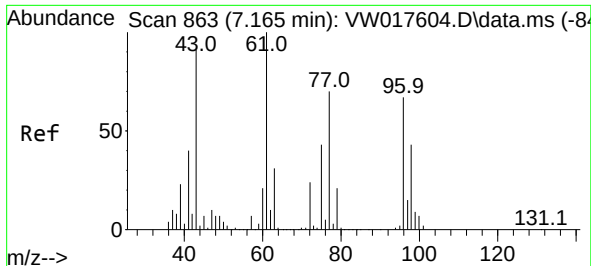
Tgt Ion: 84 Resp: 5769
Ion Ratio Lower Upper
84 100
49 121.7 79.0 118.6#
51 35.6 26.1 39.1
86 61.0 50.1 75.1



#25
2-Butanone
Concen: 1.97 ug/l
RT: 7.147 min Scan# 860
Delta R.T. -0.030 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

Tgt Ion: 43 Resp: 1330
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#

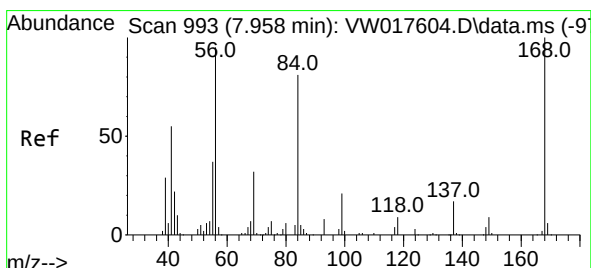
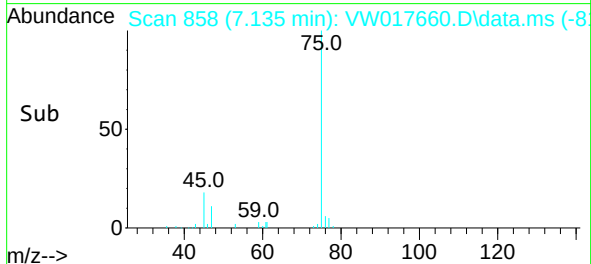
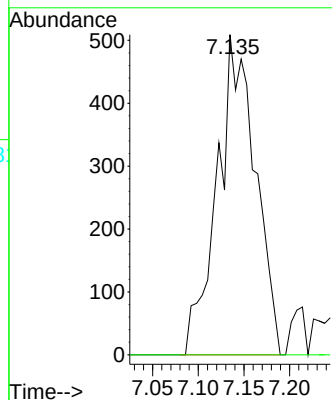
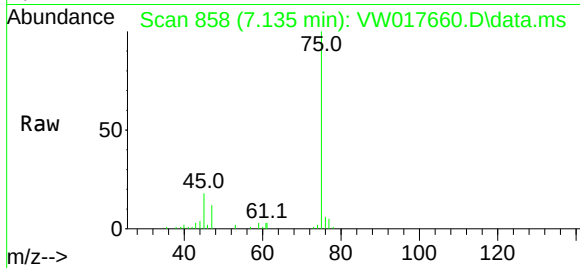




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

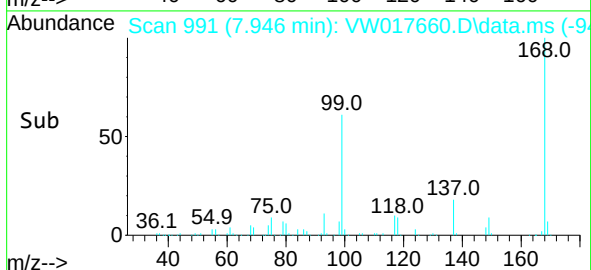
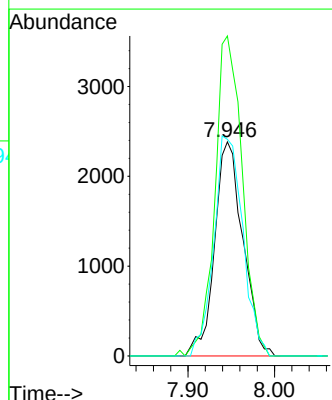
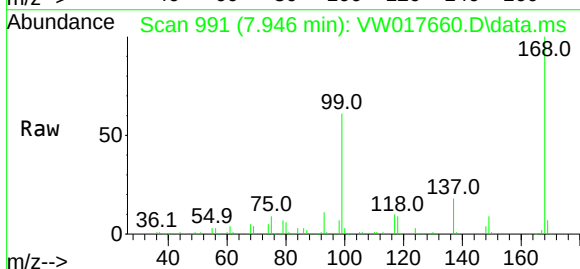
Instrument :
MSVOA_W
ClientSampled :

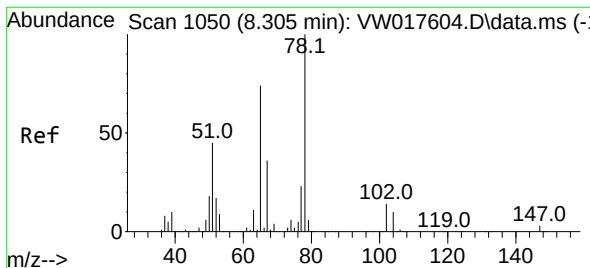
Tgt Ion: 77 Resp: 1478
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.012 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

Tgt Ion: 56 Resp: 5424
Ion Ratio Lower Upper
56 100
69 149.5 29.3 43.9#
84 101.2 80.5 120.7

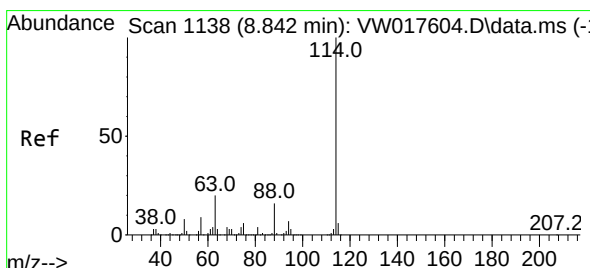
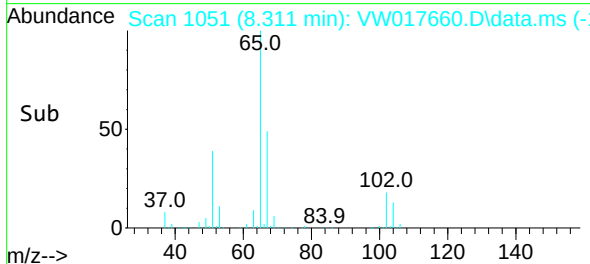
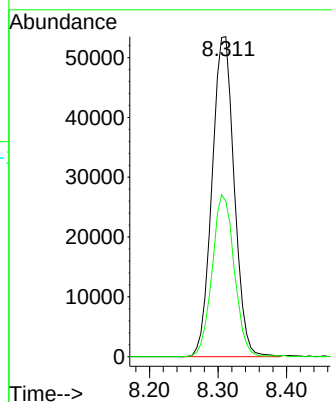
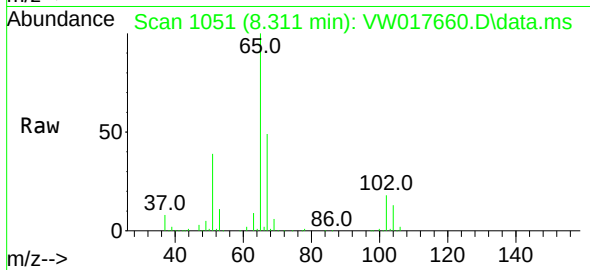




#33
 1,2-Dichloroethane-d4
 Concen: 51.59 ug/l
 RT: 8.311 min Scan# 1051
 Delta R.T. 0.006 min
 Lab File: VW017660.D
 Acq: 16 Dec 2020 13:56

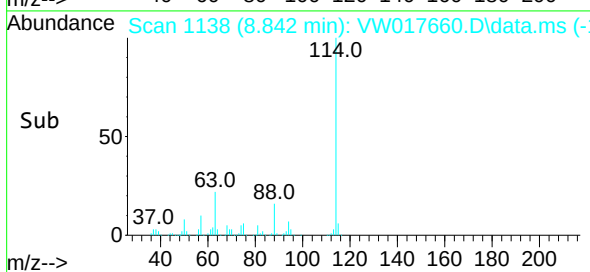
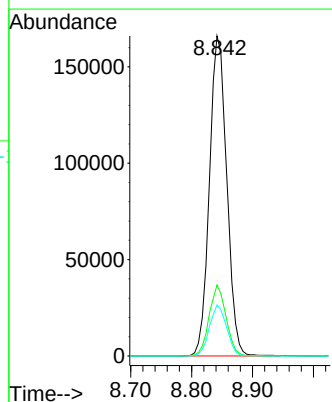
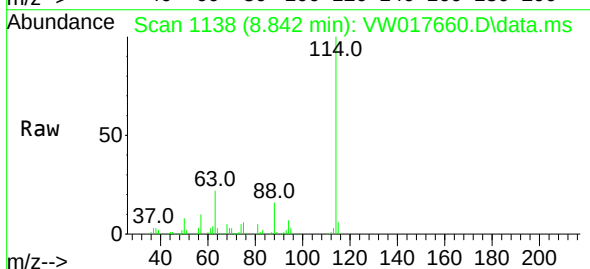
Instrument :
 MSVOA_W
 ClientSampled :

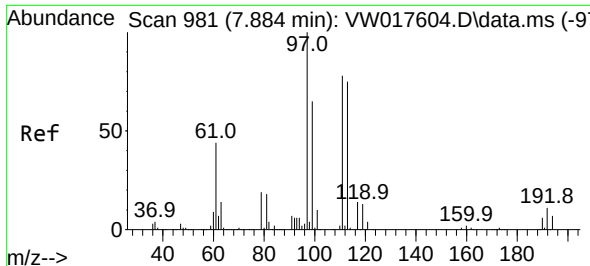
Tgt Ion: 65 Resp: 120136
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017660.D
 Acq: 16 Dec 2020 13:56

Tgt Ion: 114 Resp: 328530
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 35.6
 88 15.9 0.0 30.4

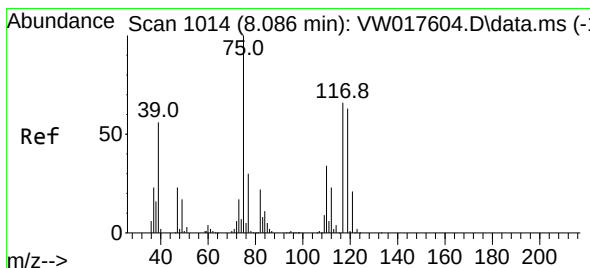
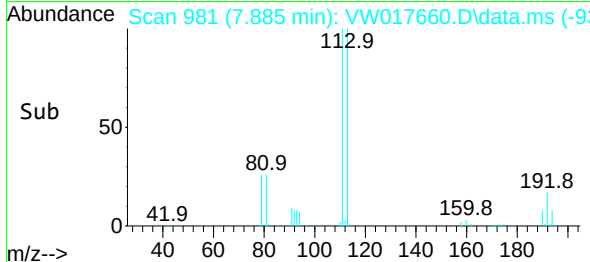
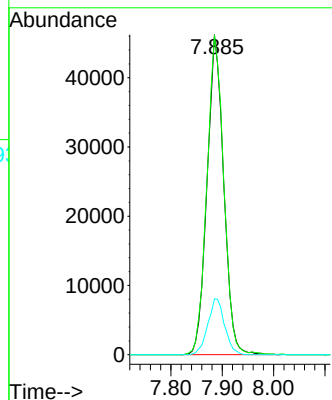
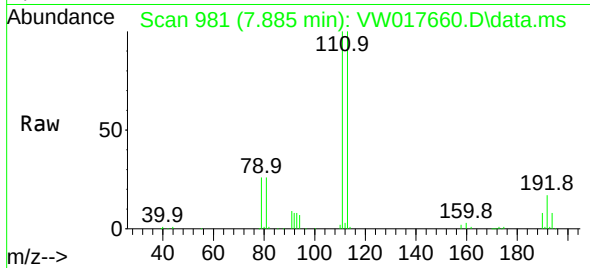




#35
Dibromofluoromethane
Concen: 47.73 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

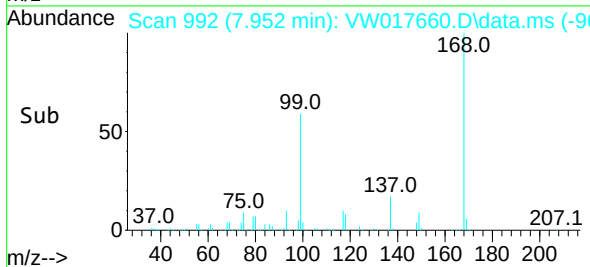
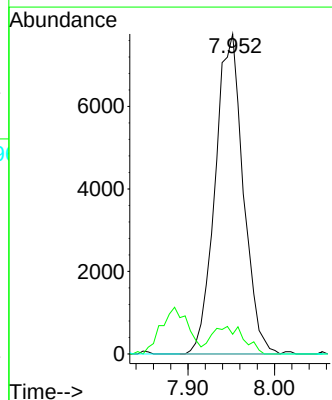
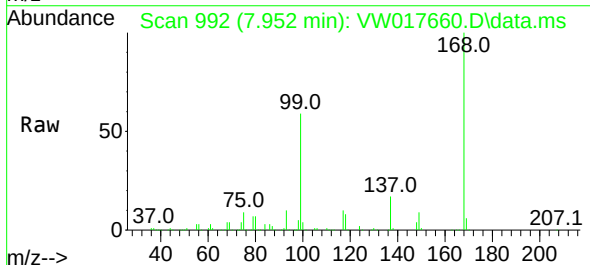
Instrument :
MSVOA_W
ClientSampleId :

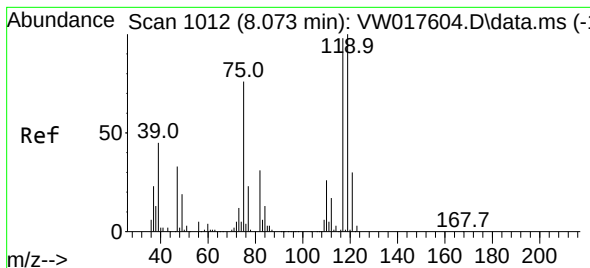
Tgt Ion:113 Resp: 103765
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.2
192 17.7 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

Tgt Ion: 75 Resp: 17428
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.94 ug/l

RT: 7.952 min Scan# 992

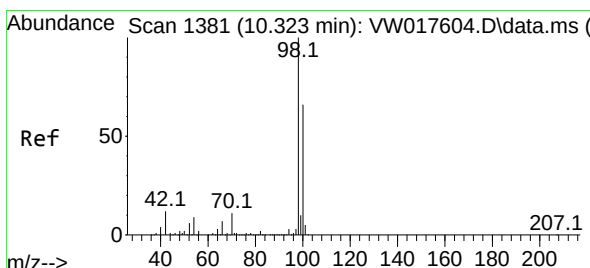
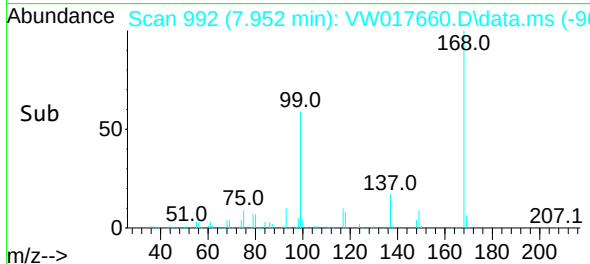
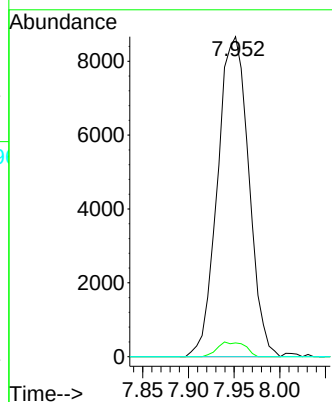
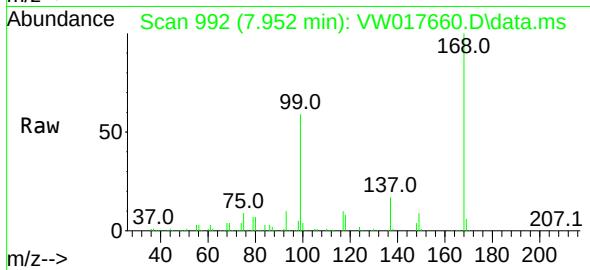
Delta R.T. -0.121 min

Lab File: VW017660.D

Acq: 16 Dec 2020 13:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	117	Resp:	20548
Ion	Ratio	Lower	Upper
117	100		
119	4.3	81.6	122.4#
121	0.0	25.7	38.5#



#50

Toluene-d8

Concen: 44.75 ug/l

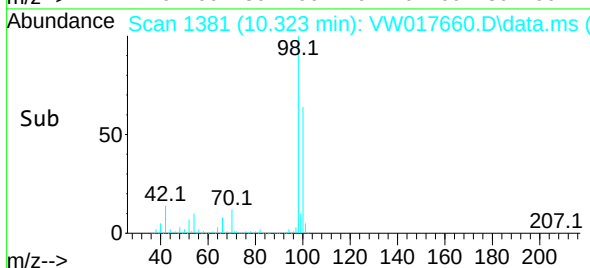
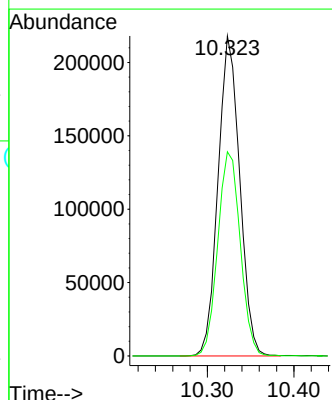
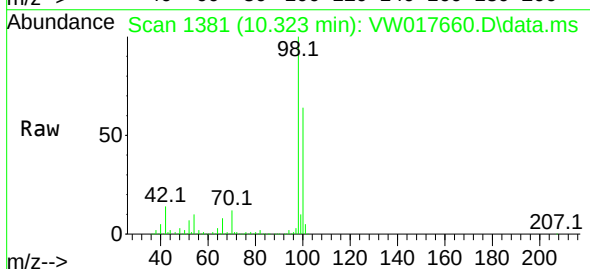
RT: 10.323 min Scan# 1381

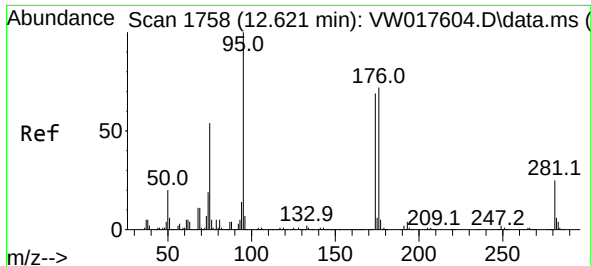
Delta R.T. 0.000 min

Lab File: VW017660.D

Acq: 16 Dec 2020 13:56

Tgt Ion:	98	Resp:	378819
Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.3	79.9

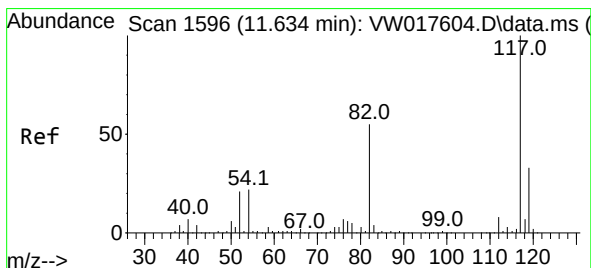
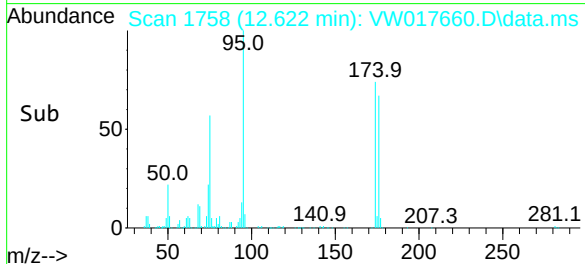
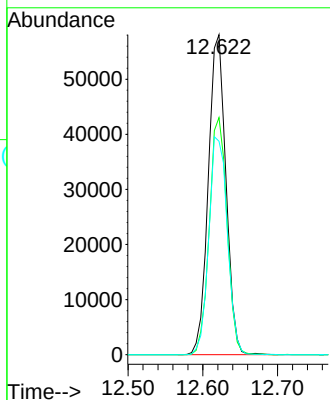
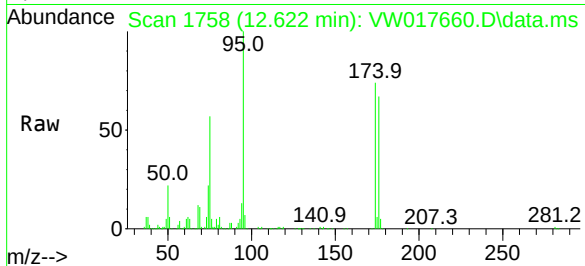




#62
4-Bromofluorobenzene
Concen: 31.45 ug/l
RT: 12.622 min Scan# 1758
Delta R.T. 0.001 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

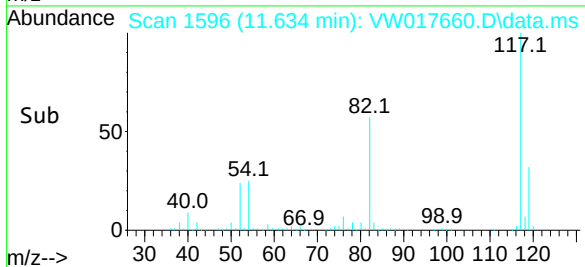
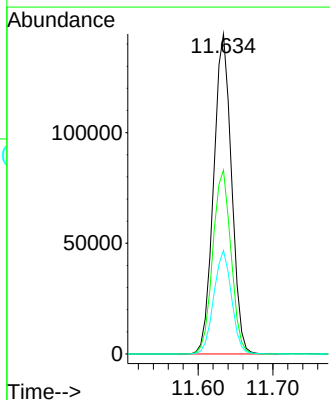
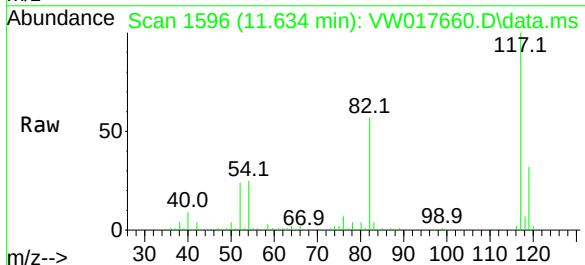
Instrument :
MSVOA_W
ClientSampleId :

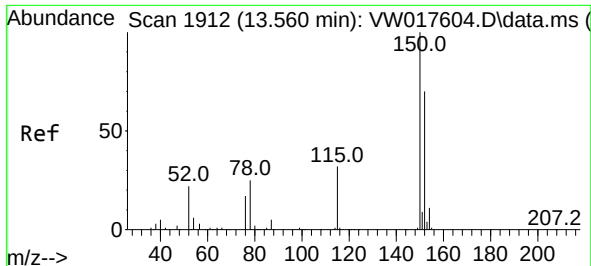
Tgt Ion: 95 Resp: 95036
Ion Ratio Lower Upper
95 100
174 74.4 0.0 180.6
176 71.5 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

Tgt Ion:117 Resp: 240354
Ion Ratio Lower Upper
117 100
82 57.5 40.7 61.1
119 32.3 25.0 37.4

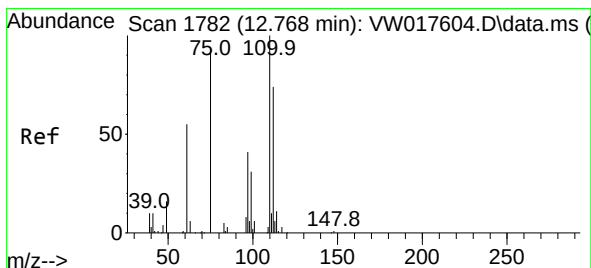
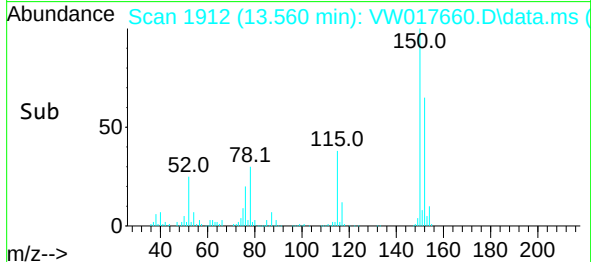
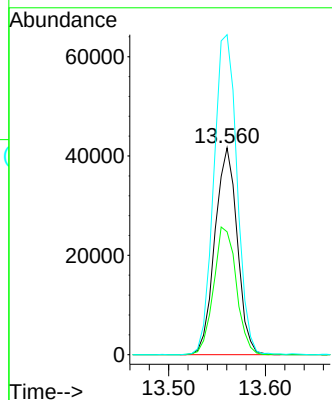
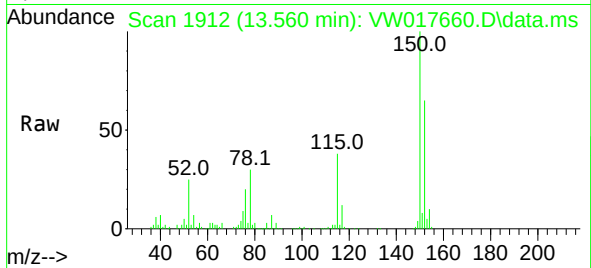




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

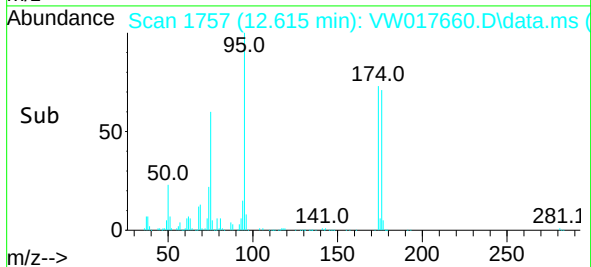
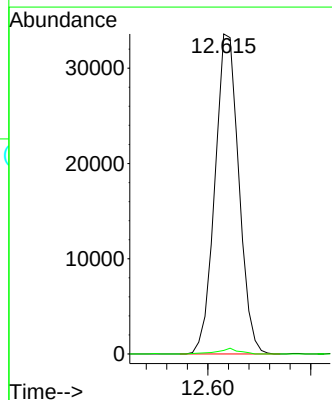
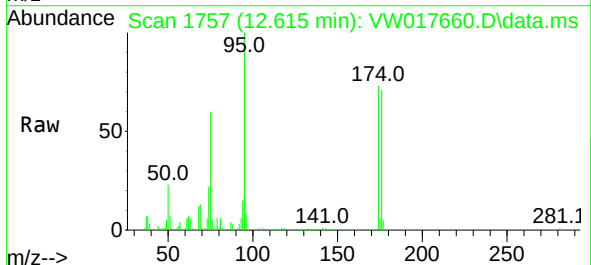
Instrument :
MSVOA_W
ClientSampled :

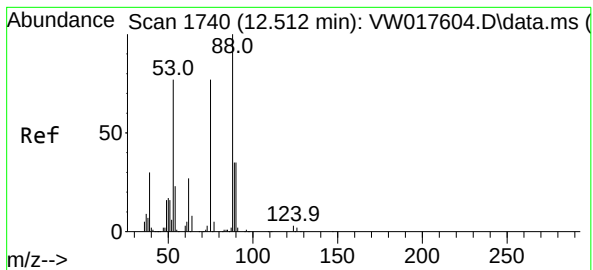
Tgt Ion:152 Resp: 66925
Ion Ratio Lower Upper
152 100
115 62.6 27.9 83.7
150 160.8 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 84.01 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017660.D
Acq: 16 Dec 2020 13:56

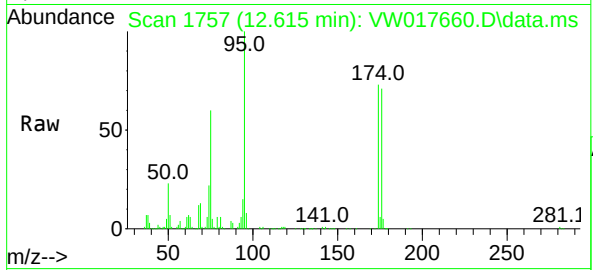
Tgt Ion: 75 Resp: 54120
Ion Ratio Lower Upper
75 100
77 1.6 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 170.20 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW017660.D
 Acq: 16 Dec 2020 13:56

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.0	115.4#
89	0.0	38.7	58.1#

