

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017661.D
 Acq On : 16 Dec 2020 14:22
 Operator : SY/VA
 Sample : L5125-01
 Misc : 7.22G/5ML/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:08:16 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)

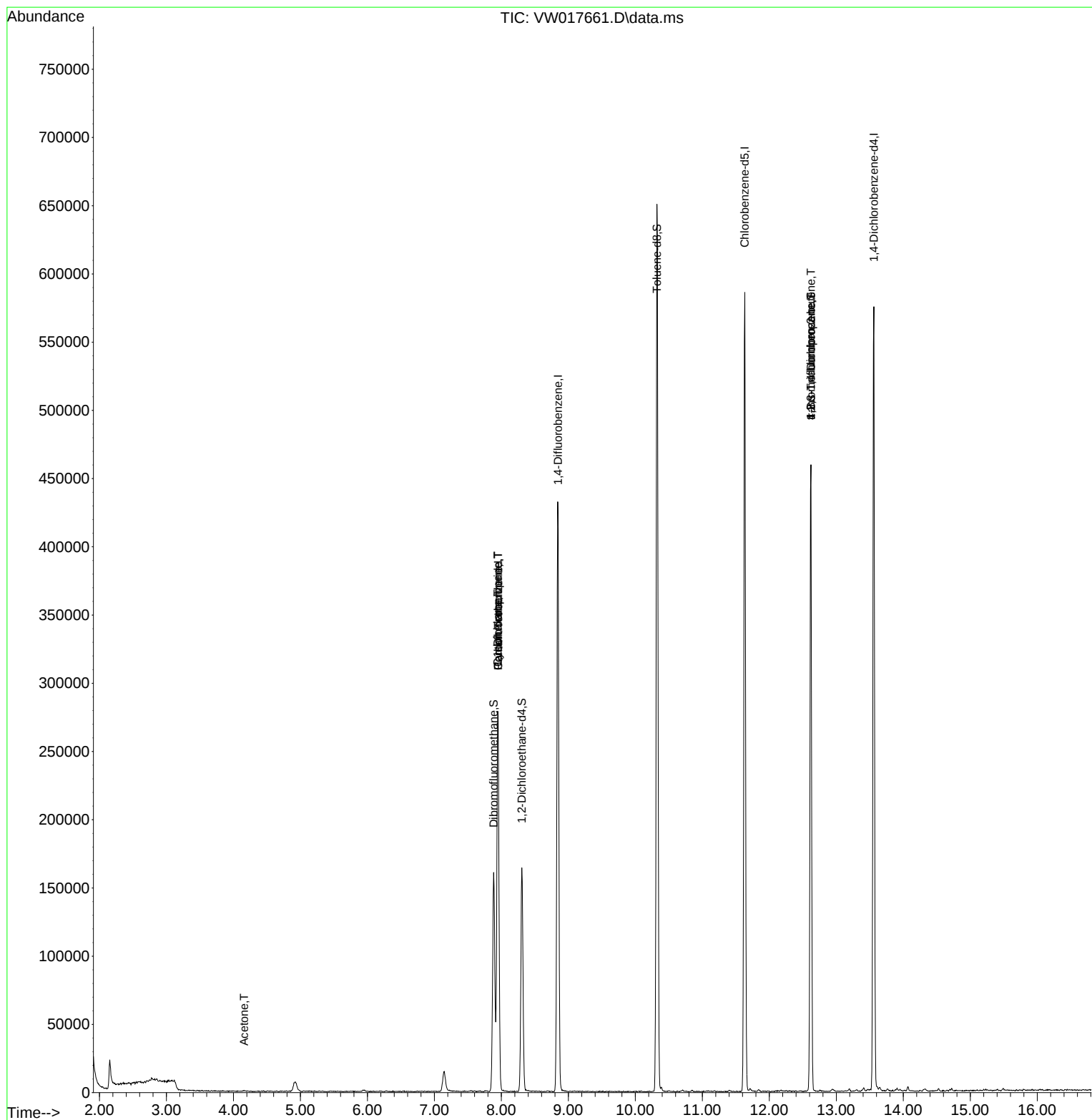
Internal Standards						
1) Pentafluorobenzene	7.951	168	196348	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.848	114	347899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	306739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	142475	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	129065	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.884	113	109498	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	10.323	98	430525	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	12.621	95	144024	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.159	59	39	Below Cal	#	1
16) Acetone	4.159	43	1172	2.25	ug/l #	87
20) Methylene Chloride	4.922	84	5606	Below Cal	#	86
26) 2,2-Dichloropropane	7.147	77	1048	Below Cal	#	50
31) Cyclohexane	7.945	56	5268	1.28	ug/l #	38
36) 1,1-Dichloropropene	7.945	75	17957	4.93	ug/l #	47
38) Carbon Tetrachloride	7.951	117	21395	5.84	ug/l #	14
76) 1,2,3-Trichloropropane	12.621	75	82536	60.18	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	82536	121.93	ug/l #	11

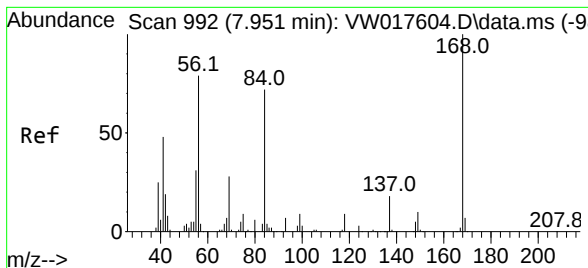
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 7.22G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 17 05:08:16 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

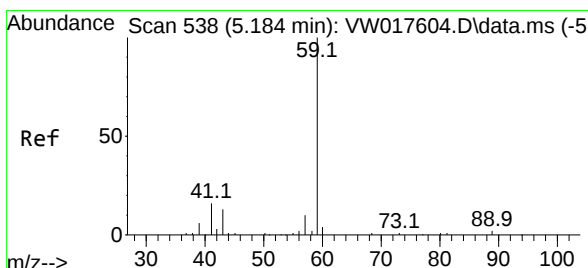
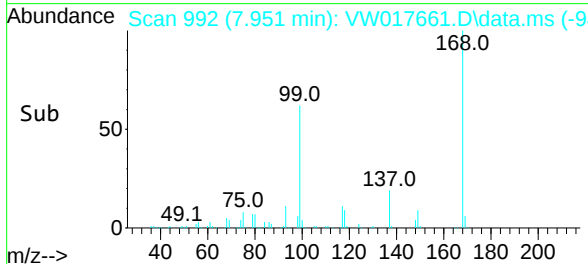
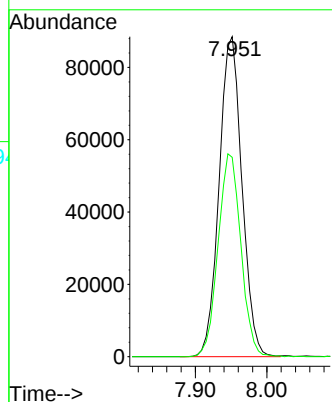
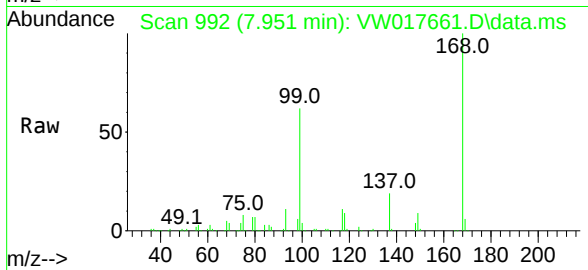




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

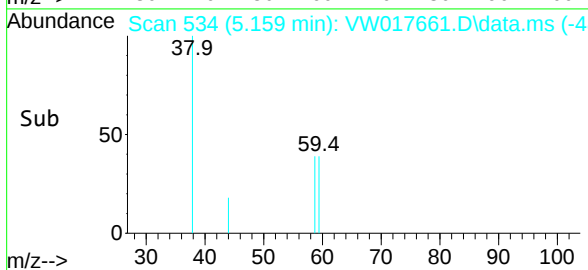
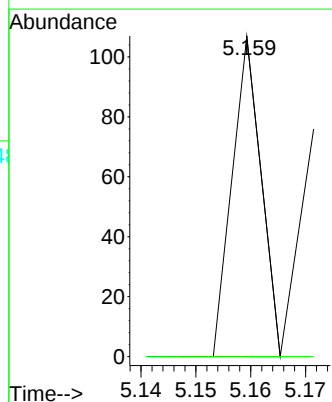
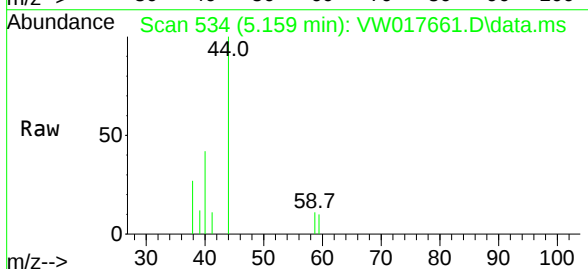
Instrument :
MSVOA_W
ClientSampled :

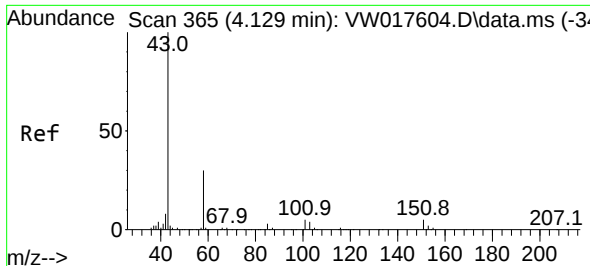
Tgt Ion:168 Resp: 196348
Ion Ratio Lower Upper
168 100
99 62.3 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.159 min Scan# 534
Delta R.T. -0.025 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

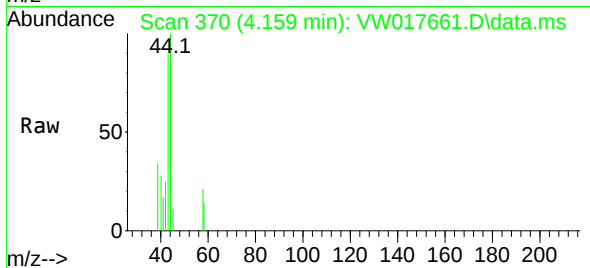
Tgt Ion: 59 Resp: 39
Ion Ratio Lower Upper
59 100
57 53.8 4.7 7.1#



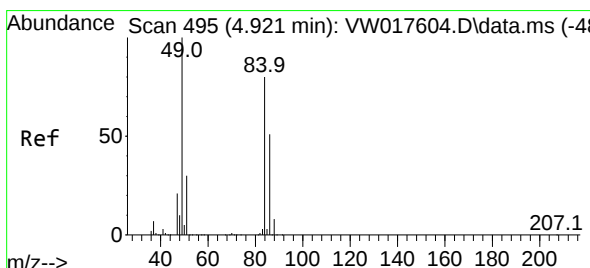
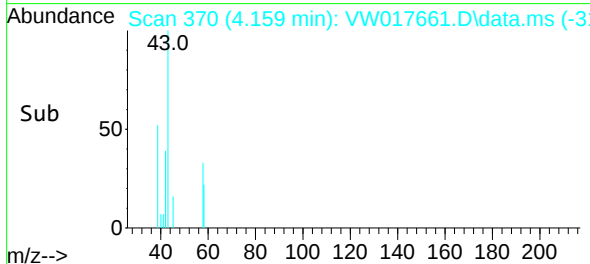
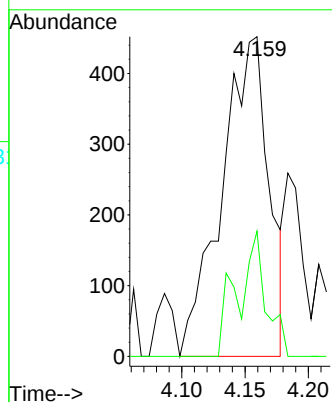


#16
Acetone
Concen: 2.25 ug/l
RT: 4.159 min Scan# 370
Delta R.T. 0.030 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

Instrument :
MSVOA_W
ClientSampled :

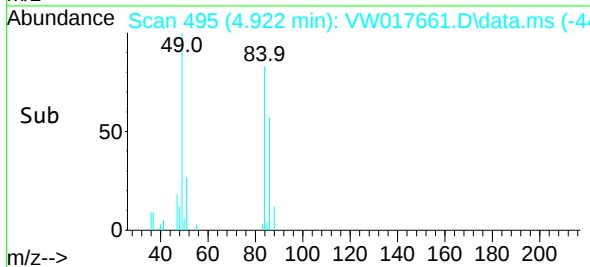
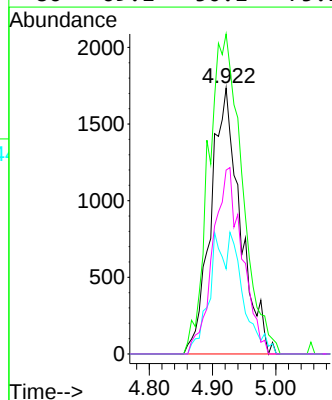
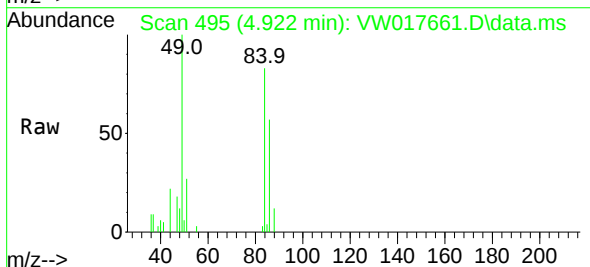


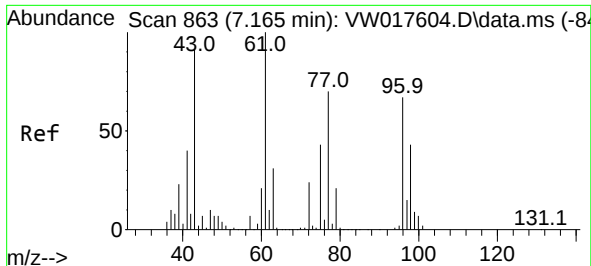
Tgt Ion: 43 Resp: 1172
Ion Ratio Lower Upper
43 100
58 39.2 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

Tgt Ion: 84 Resp: 5606
Ion Ratio Lower Upper
84 100
49 120.3 79.0 118.6#
51 32.0 26.1 39.1
86 69.1 50.1 75.1

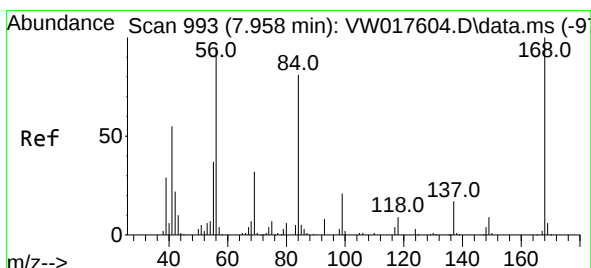
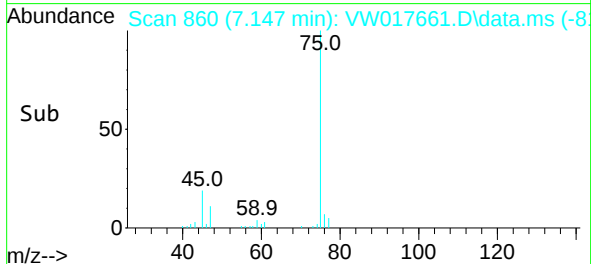
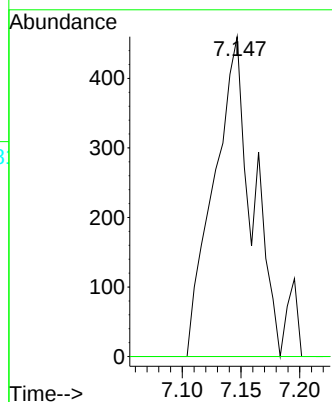
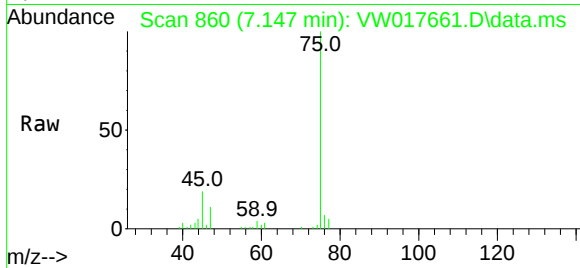




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

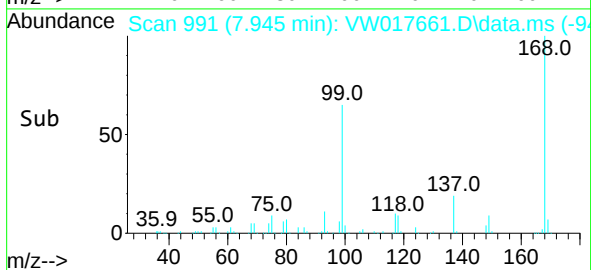
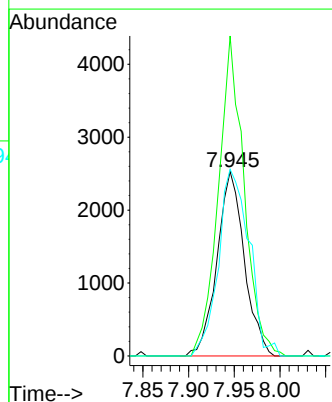
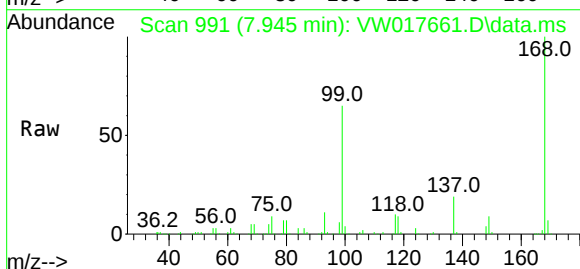
Instrument :
MSVOA_W
ClientSampled :

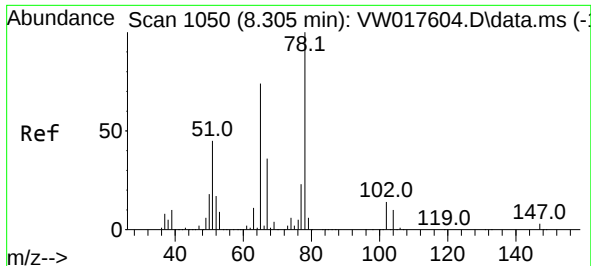
Tgt Ion: 77 Resp: 1048
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

Tgt Ion: 56 Resp: 5268
Ion Ratio Lower Upper
56 100
69 173.4 29.3 43.9#
84 101.2 80.5 120.7

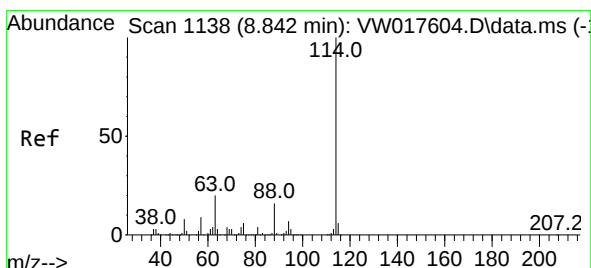
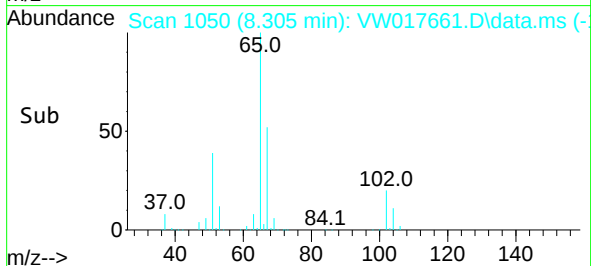
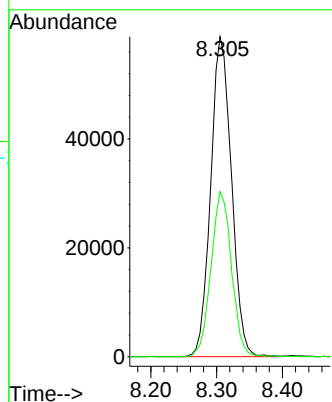
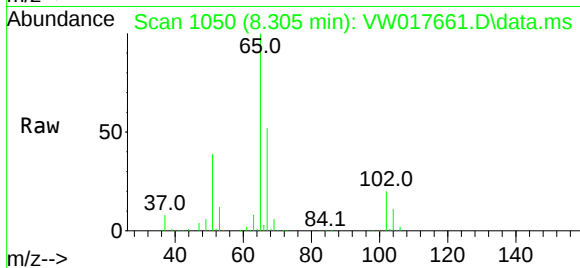




#33
1,2-Dichloroethane-d4
Concen: 53.96 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

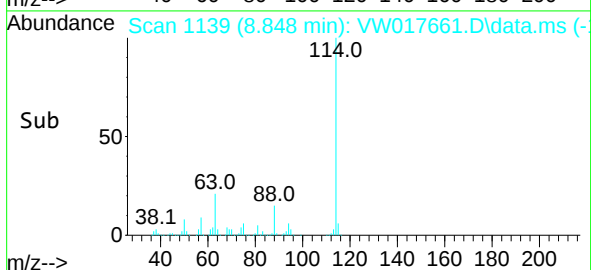
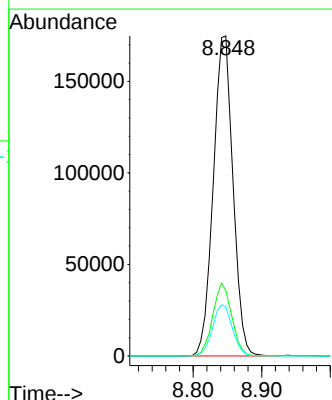
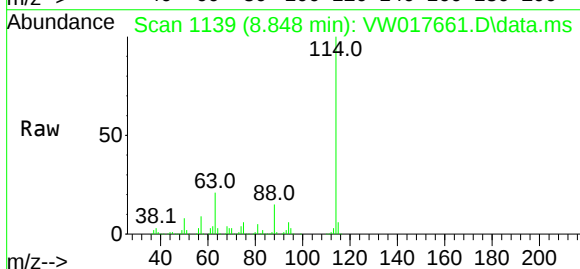
Instrument :
MSVOA_W
ClientSampleId :

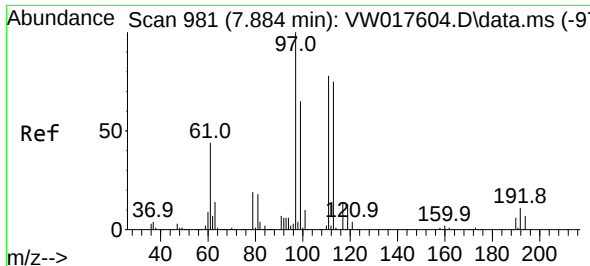
Tgt Ion: 65 Resp: 129065
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

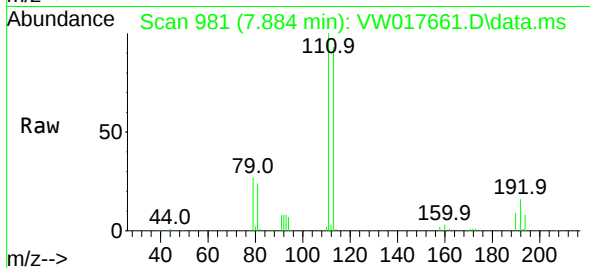
Tgt Ion: 114 Resp: 347899
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.6
88 15.4 0.0 30.4



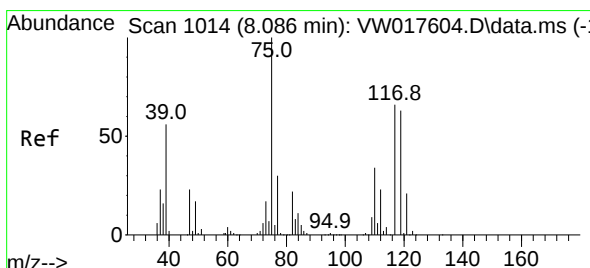
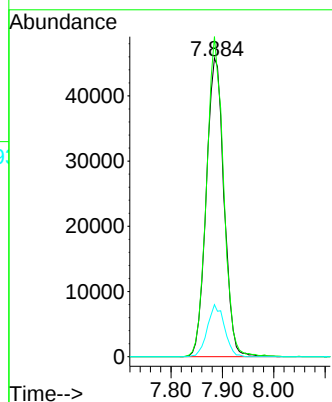
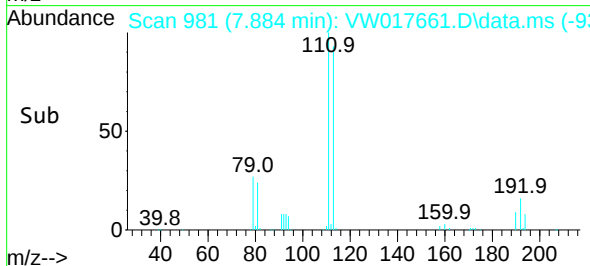


#35
Dibromofluoromethane
Concen: 47.56 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

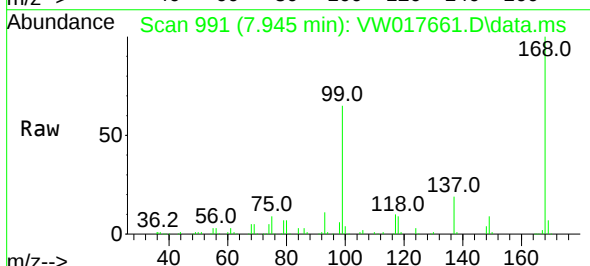
Instrument :
MSVOA_W
ClientSampleId :



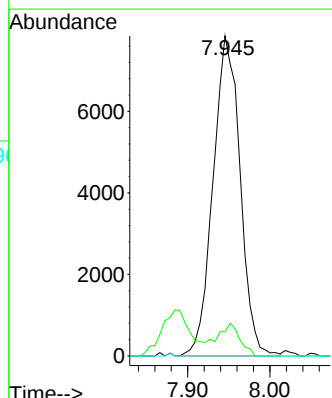
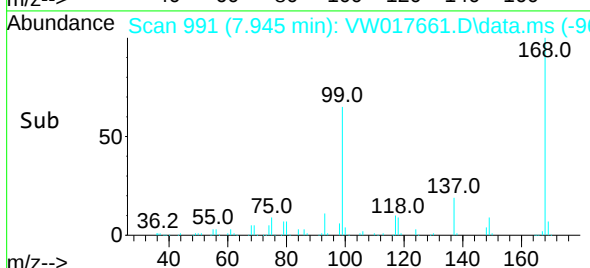
Tgt Ion:113 Resp: 109498
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 16.9 17.8 26.8#

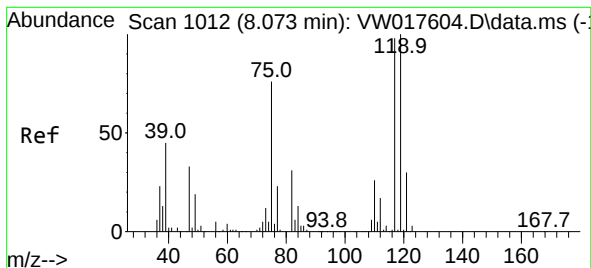


#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22



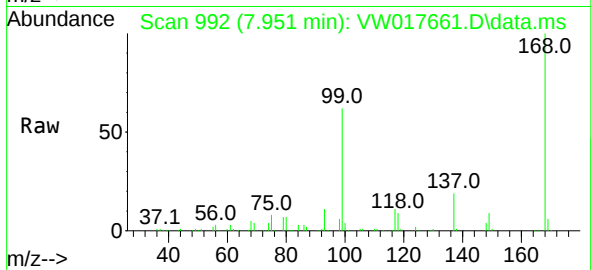
Tgt Ion: 75 Resp: 17957
Ion Ratio Lower Upper
75 100
110 8.6 19.3 57.9#
77 0.0 25.0 37.6#



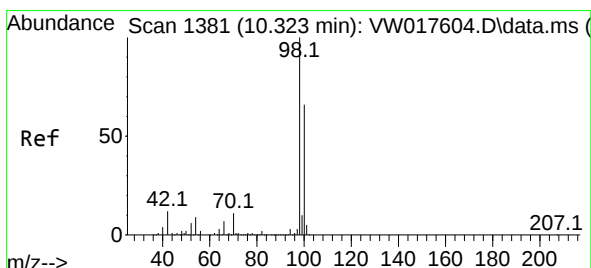
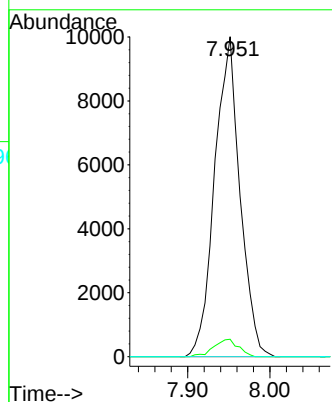
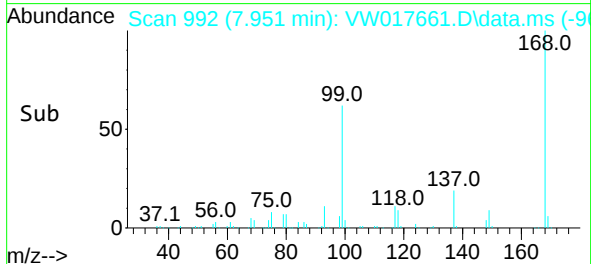


#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

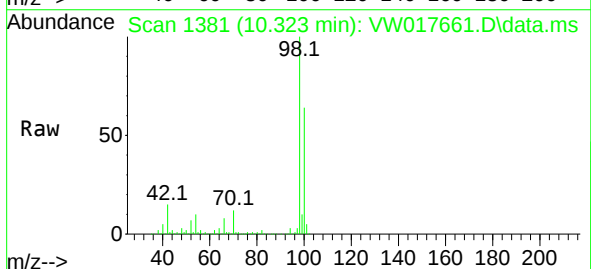
Instrument :
MSVOA_W
ClientSampleId :



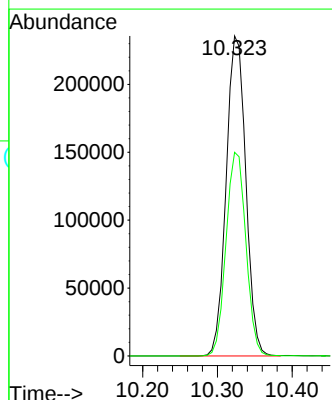
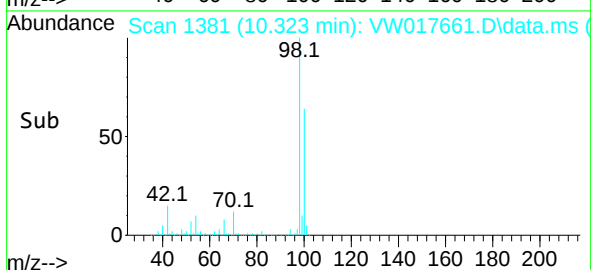
Tgt Ion:117 Resp: 21395
Ion Ratio Lower Upper
117 100
119 5.4 81.6 122.4#
121 0.0 25.7 38.5#

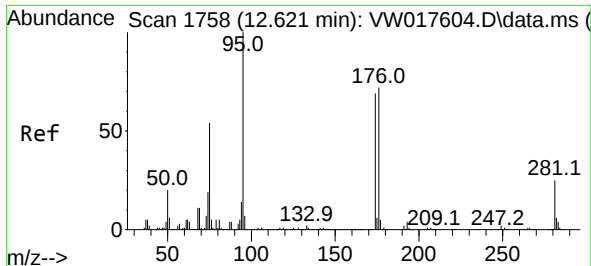


#50
Toluene-d8
Concen: 48.03 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22



Tgt Ion: 98 Resp: 430525
Ion Ratio Lower Upper
98 100
100 64.5 53.3 79.9

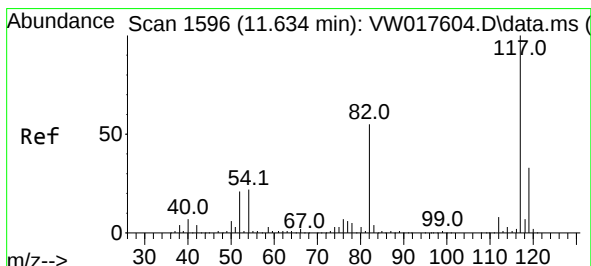
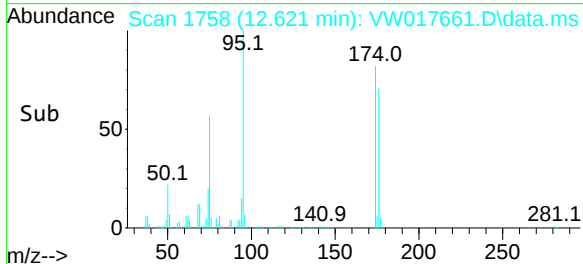
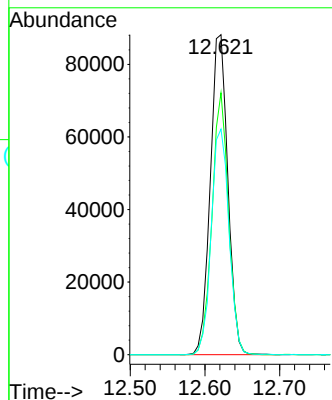
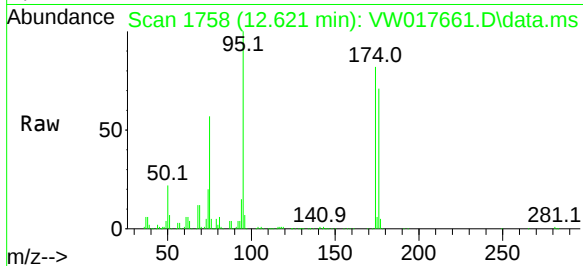




#62
4-Bromofluorobenzene
Concen: 45.00 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

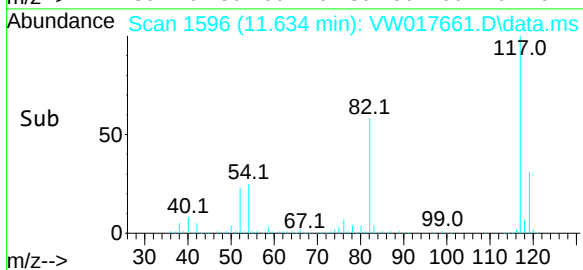
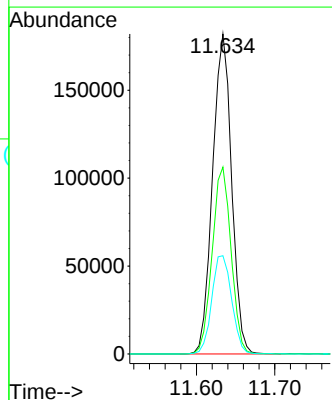
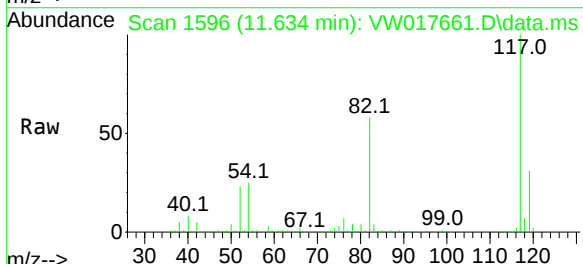
Instrument :
MSVOA_W
ClientSampleId :

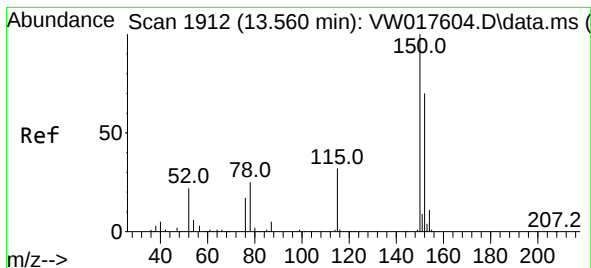
Tgt Ion: 95 Resp: 144024
Ion Ratio Lower Upper
95 100
174 76.9 0.0 180.6
176 71.4 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

Tgt Ion: 117 Resp: 306739
Ion Ratio Lower Upper
117 100
82 58.4 40.7 61.1
119 30.7 25.0 37.4

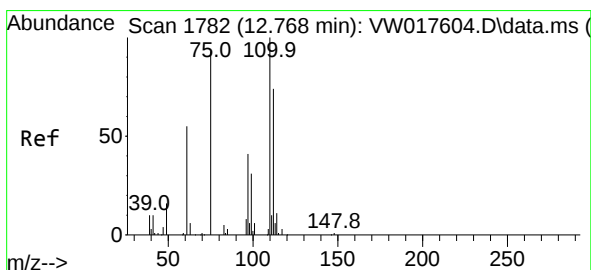
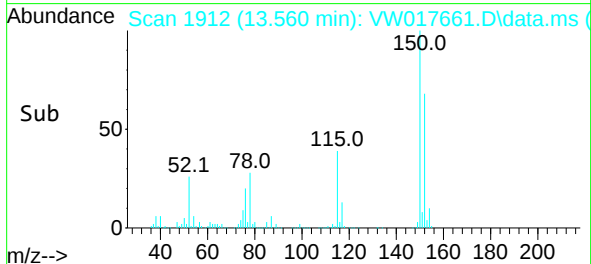
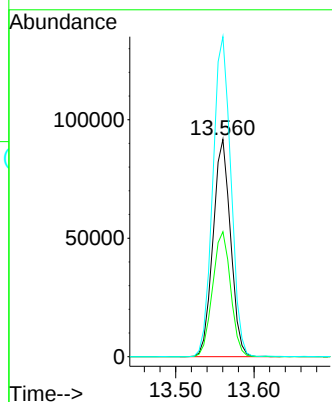
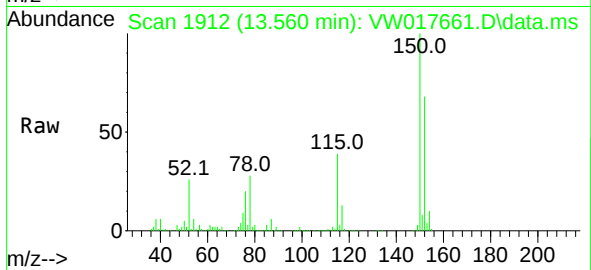




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

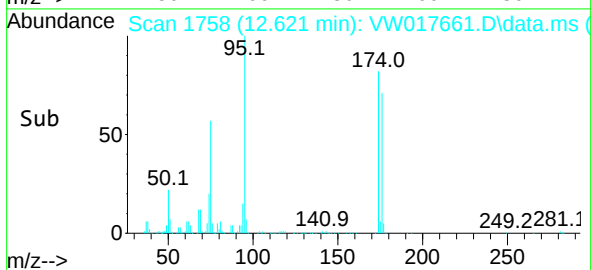
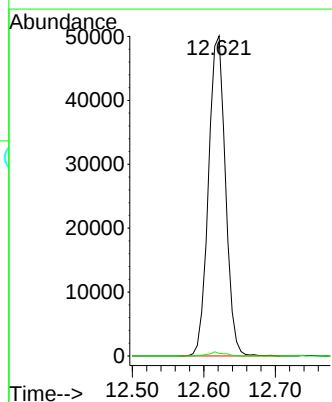
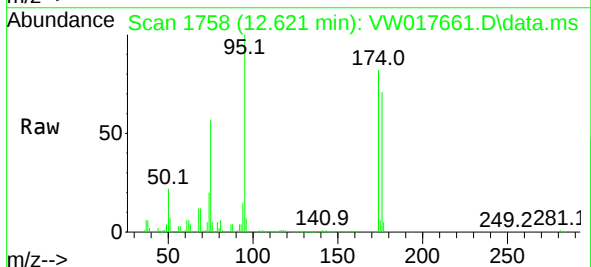
Instrument :
MSVOA_W
ClientSampleId :

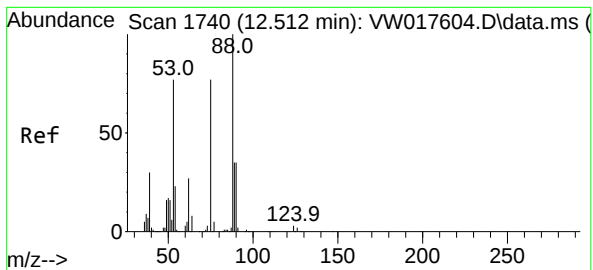
Tgt Ion:152 Resp: 142475
Ion Ratio Lower Upper
152 100
115 59.2 27.9 83.7
150 151.6 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 60.18 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017661.D
Acq: 16 Dec 2020 14:22

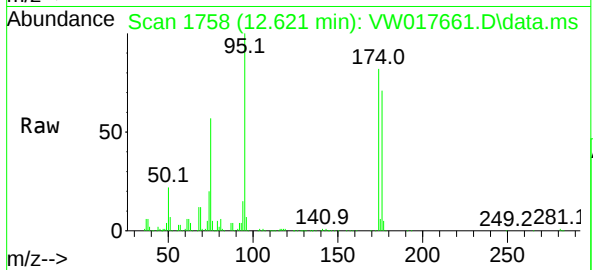
Tgt Ion: 75 Resp: 82536
Ion Ratio Lower Upper
75 100
77 1.1 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.93 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017661.D
 Acq: 16 Dec 2020 14:22

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	75	Resp:	82536
Ion Ratio	Lower	Upper	
75	100		
53	0.0	77.0	115.4#
89	0.0	38.7	58.1#

