

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017655.D
 Acq On : 16 Dec 2020 11:50
 Operator : SY/VA
 Sample : L5088-03
 Misc : 5.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:06:17 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)

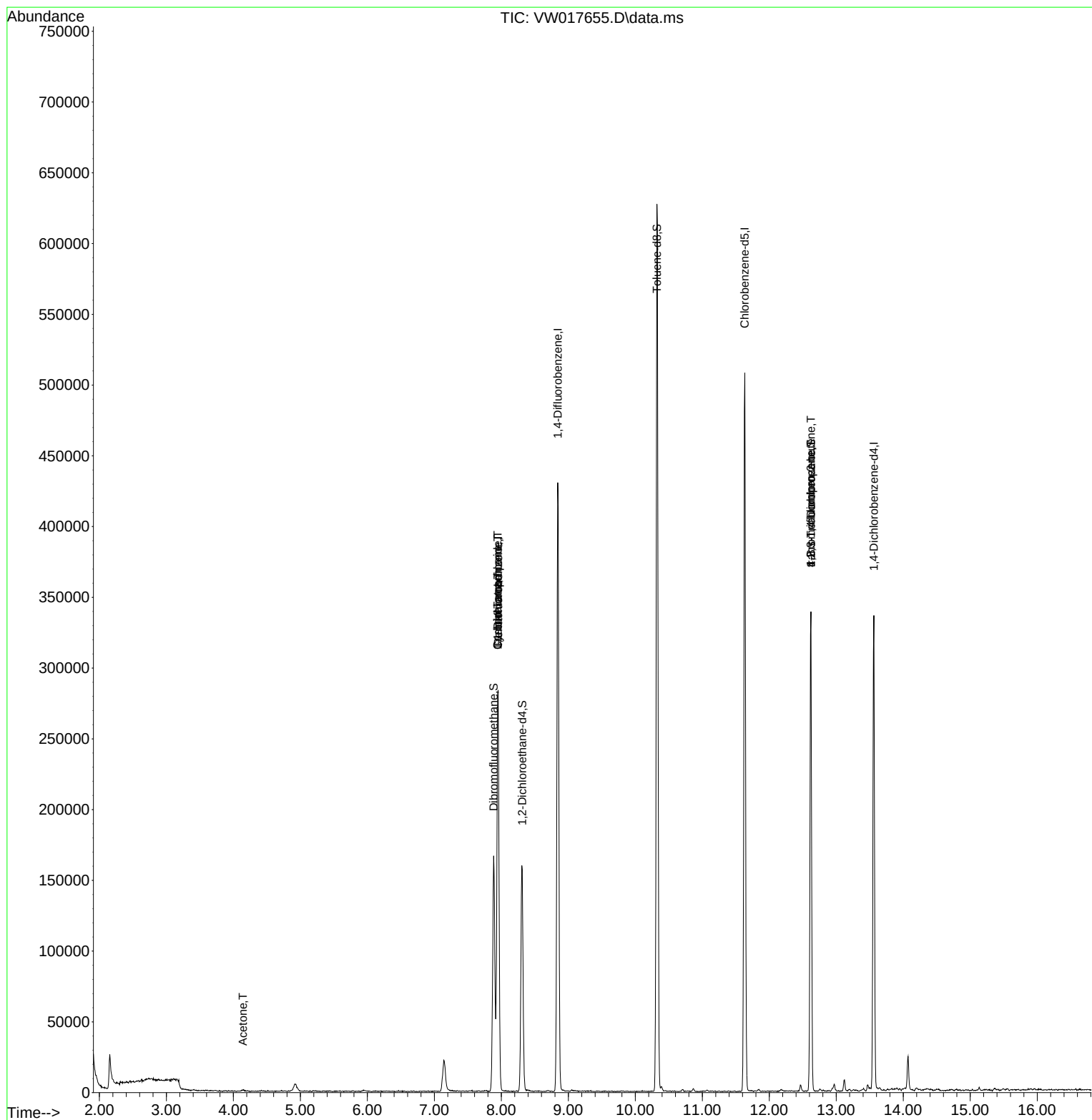
Internal Standards						
1) Pentafluorobenzene	7.952	168	196510	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	350396	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	268744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	80019	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	127963	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	7.885	113	110042	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	10.323	98	411785	45.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.22%	
62) 4-Bromofluorobenzene	12.621	95	108502	33.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.32%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.190	59	249	Below Cal	#	41
16) Acetone	4.141	43	1806	3.47	ug/l #	43
20) Methylene Chloride	4.922	84	4129	Below Cal	#	79
26) 2,2-Dichloropropane	7.135	77	1565	Below Cal	#	50
31) Cyclohexane	7.946	56	5354	1.30	ug/l #	27
36) 1,1-Dichloropropene	7.946	75	18484	5.04	ug/l #	48
38) Carbon Tetrachloride	7.946	117	22564	6.12	ug/l #	14
76) 1,2,3-Trichloropropane	12.621	75	61158	79.40	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	61158	160.86	ug/l #	11

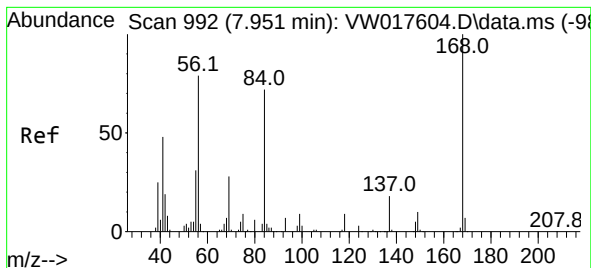
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VW017655.D
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MSVOA_W
ClientSampleId :

Quant Time: Dec 17 05:06:17 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

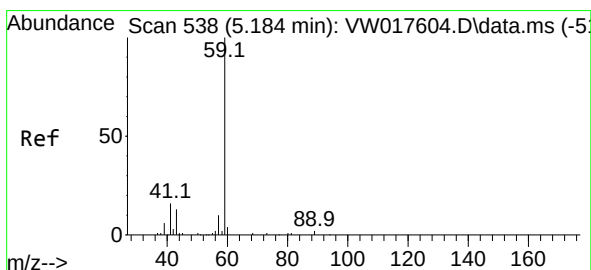
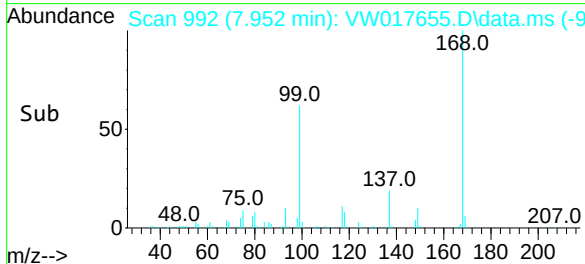
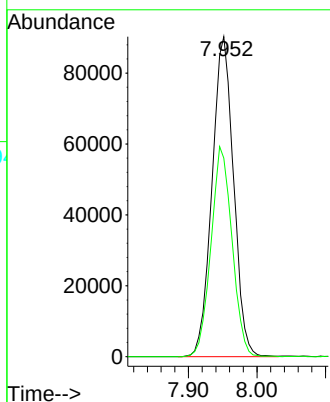
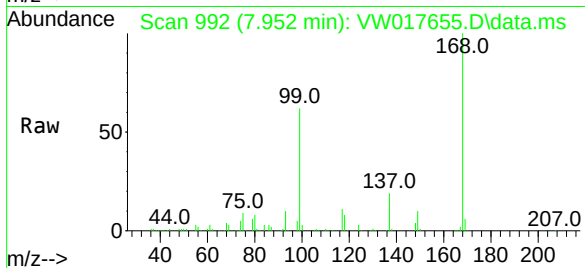




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

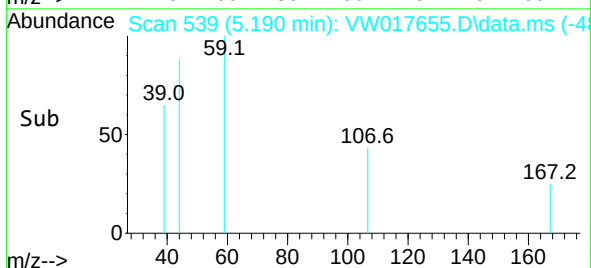
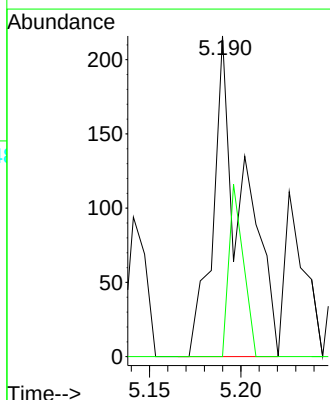
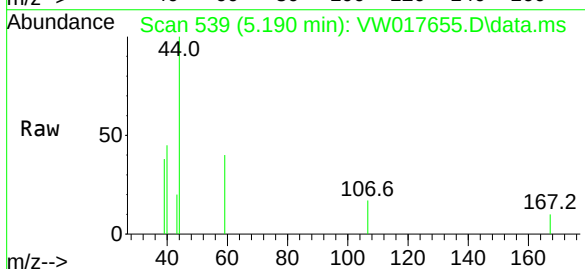
Instrument :
MSVOA_W
ClientSampleId :

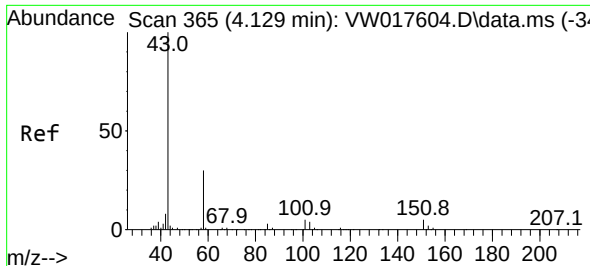
Tgt Ion:168 Resp: 196510
Ion Ratio Lower Upper
168 100
99 62.0 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

Tgt Ion: 59 Resp: 249
Ion Ratio Lower Upper
59 100
57 25.7 4.7 7.1#

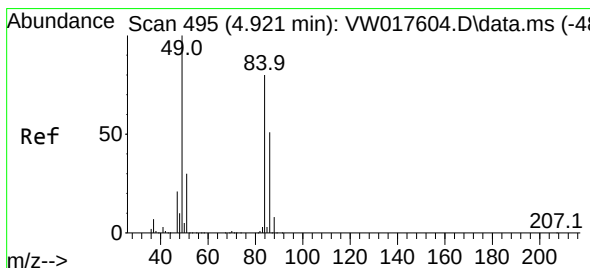
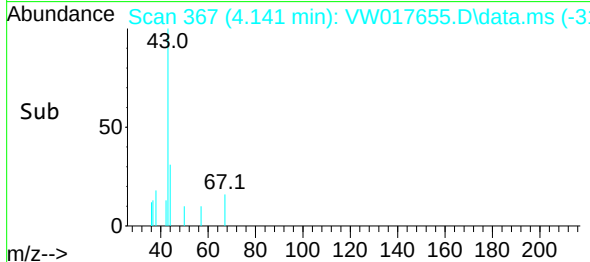
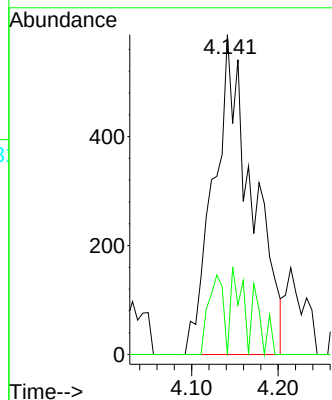
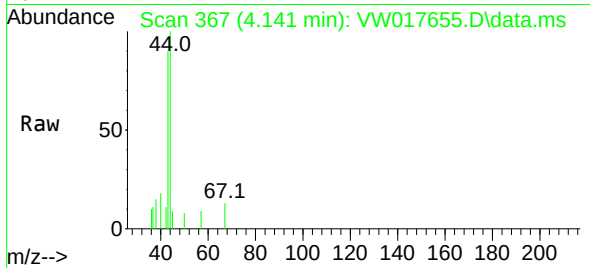




#16
Acetone
Concen: 3.47 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

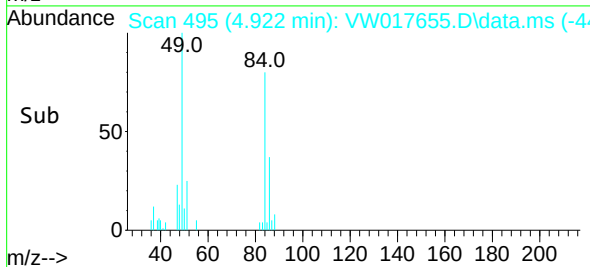
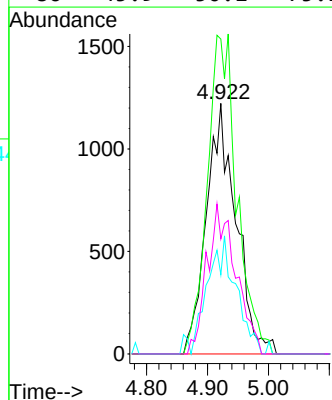
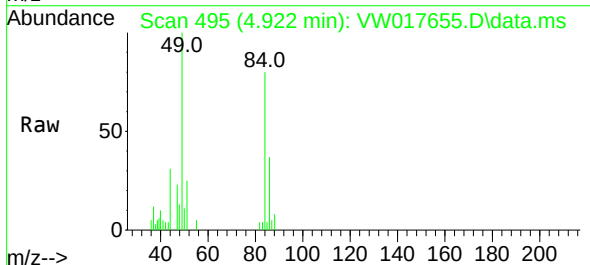
Instrument :
MSVOA_W
ClientSampleId :

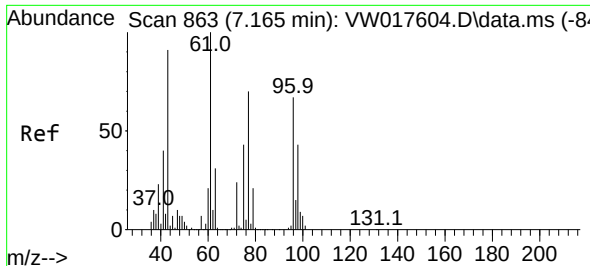
Tgt Ion: 43 Resp: 1806
Ion Ratio Lower Upper
43 100
58 0.0 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

Tgt Ion: 84 Resp: 4129
Ion Ratio Lower Upper
84 100
49 125.7 79.0 118.6#
51 31.6 26.1 39.1
86 45.9 50.1 75.1#

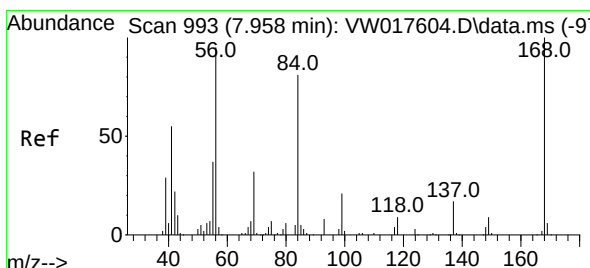
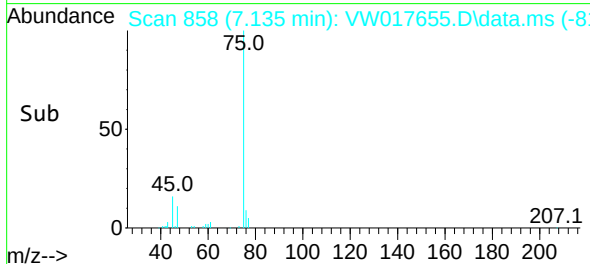
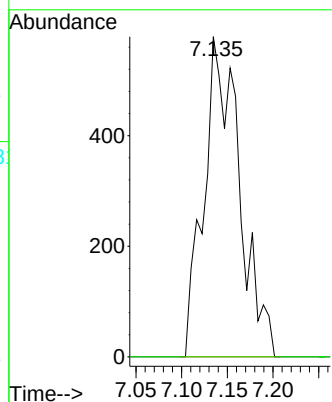
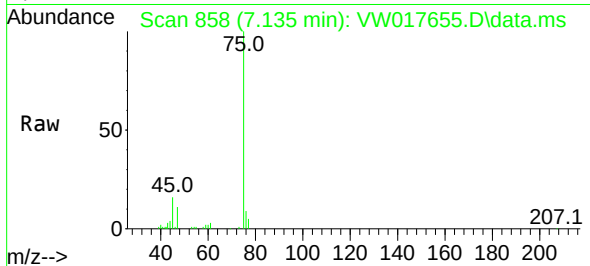




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

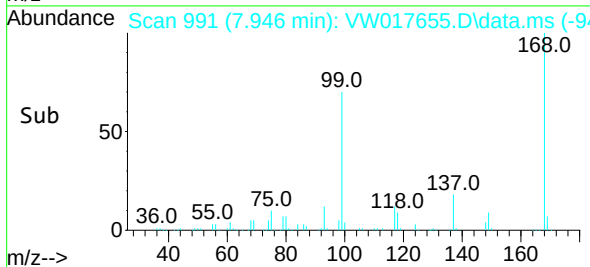
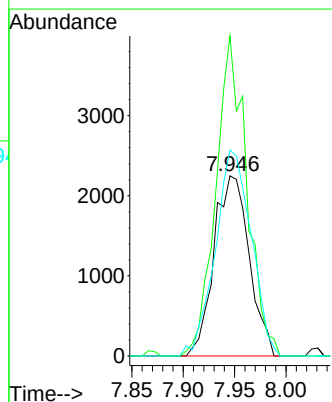
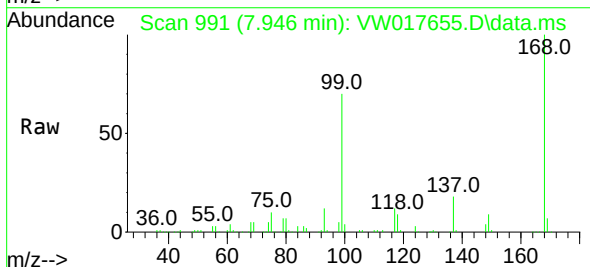
Instrument :
MSVOA_W
ClientSampled :

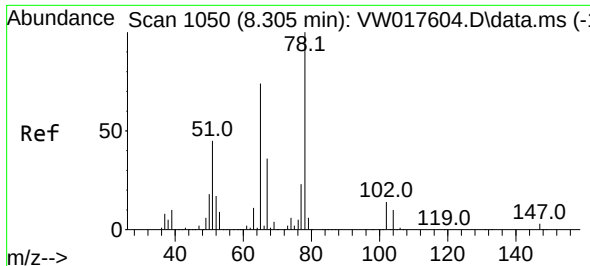
Tgt Ion: 77 Resp: 1565
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

Tgt Ion: 56 Resp: 5354
Ion Ratio Lower Upper
56 100
69 177.6 29.3 43.9#
84 114.2 80.5 120.7

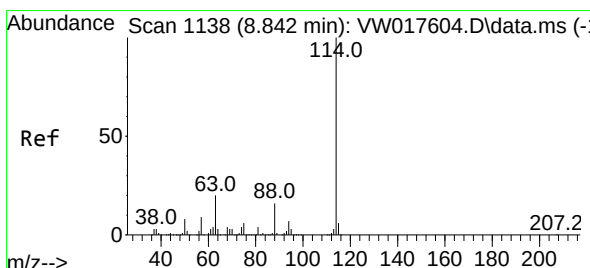
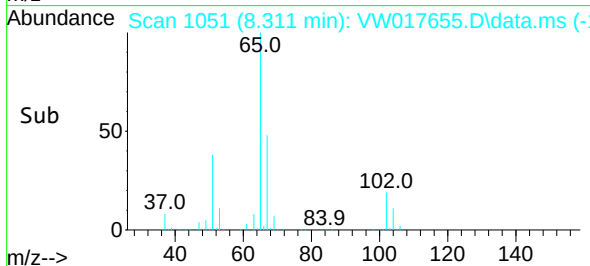
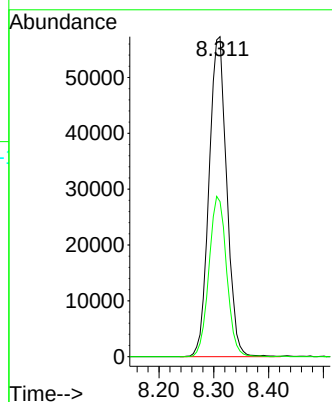
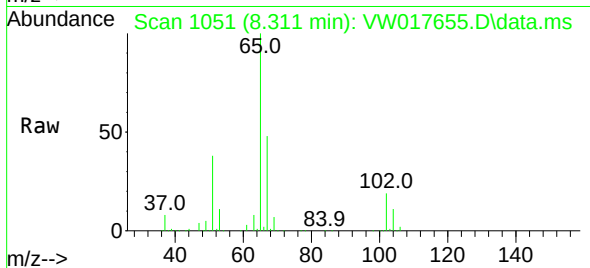




#33
1,2-Dichloroethane-d4
Concen: 53.46 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

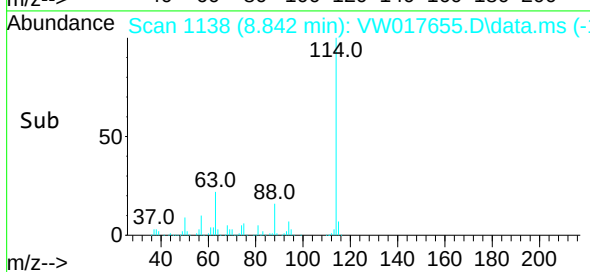
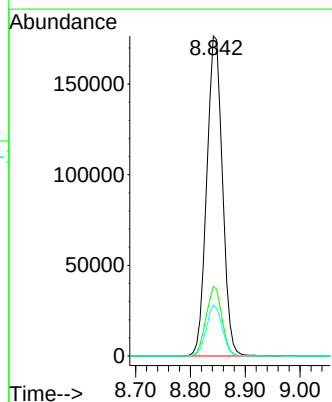
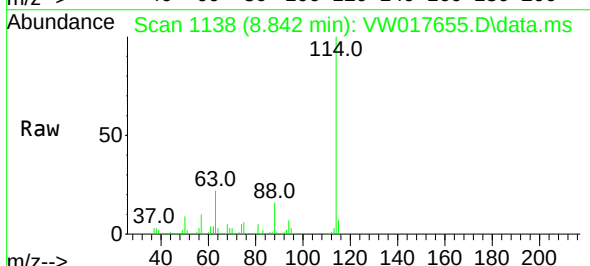
Instrument :
MSVOA_W
ClientSampleId :

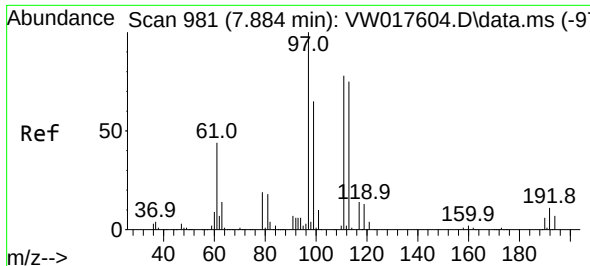
Tgt Ion: 65 Resp: 127963
Ion Ratio Lower Upper
65 100
67 50.1 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

Tgt Ion: 114 Resp: 350396
Ion Ratio Lower Upper
114 100
63 21.8 0.0 35.6
88 15.9 0.0 30.4

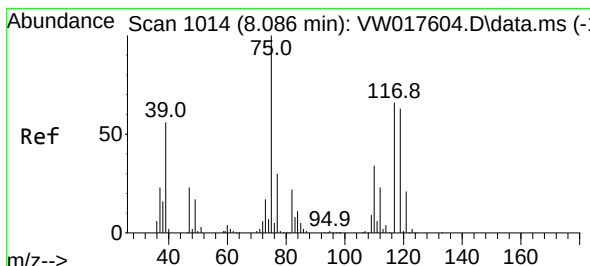
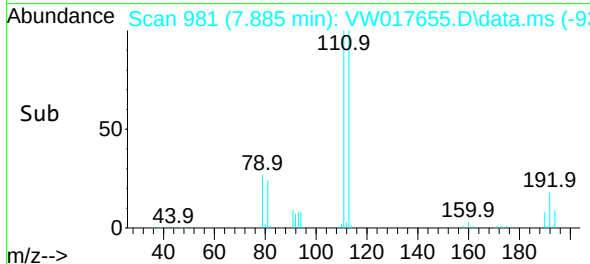
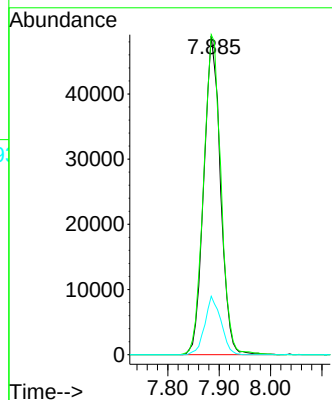
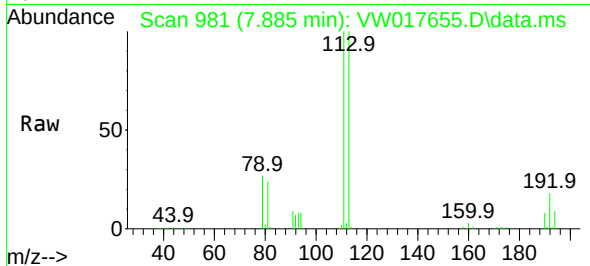




#35
Dibromofluoromethane
Concen: 47.46 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

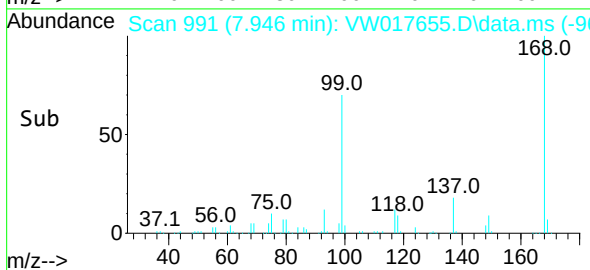
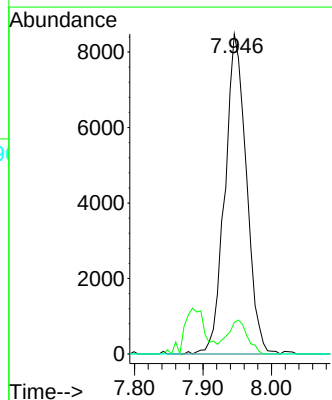
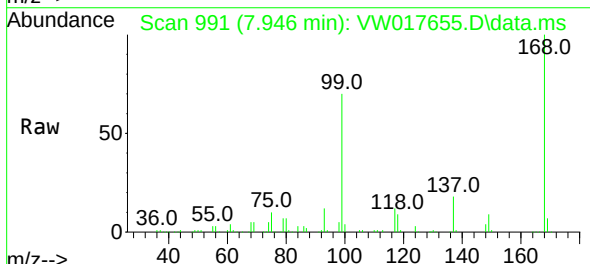
Instrument :
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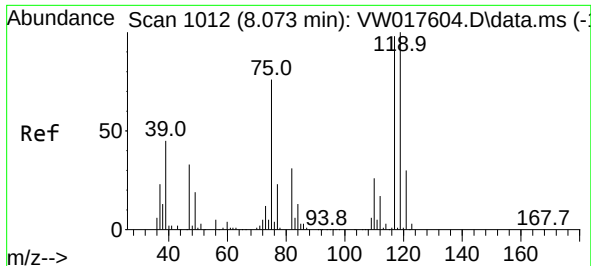
Tgt Ion:113 Resp: 110042
Ion Ratio Lower Upper
113 100
111 104.3 81.4 122.2
192 17.7 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

Tgt Ion: 75 Resp: 18484
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 25.0 37.6#

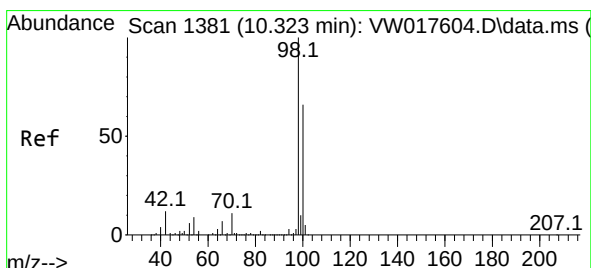
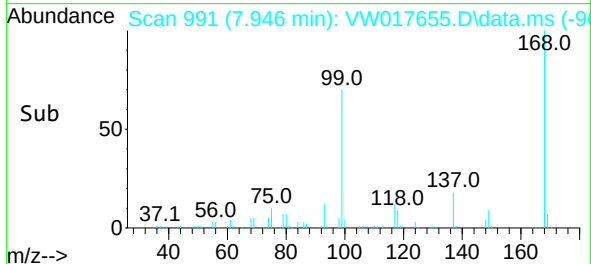
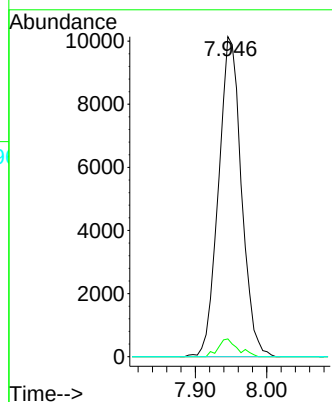
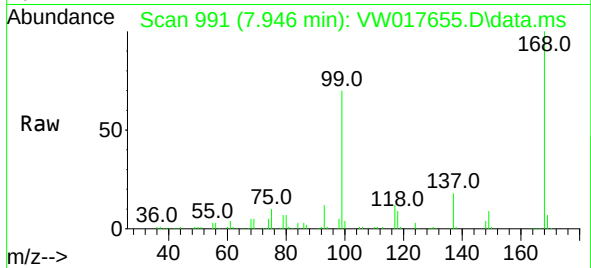




#38
Carbon Tetrachloride
Concen: 6.12 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

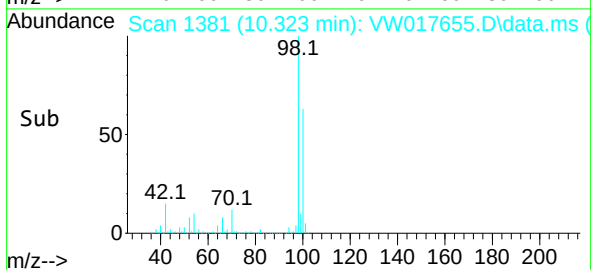
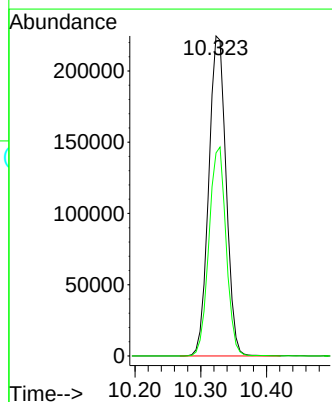
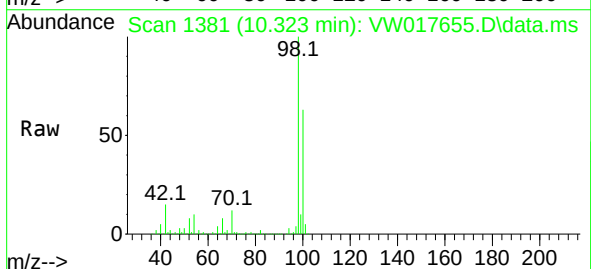
Instrument :
MSVOA_W
ClientSampleId :

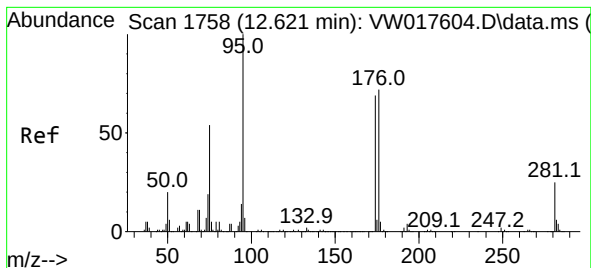
Tgt Ion:117 Resp: 22564
Ion Ratio Lower Upper
117 100
119 5.6 81.6 122.4#
121 0.0 25.7 38.5#



#50
Toluene-d8
Concen: 45.61 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

Tgt Ion: 98 Resp: 411785
Ion Ratio Lower Upper
98 100
100 64.5 53.3 79.9

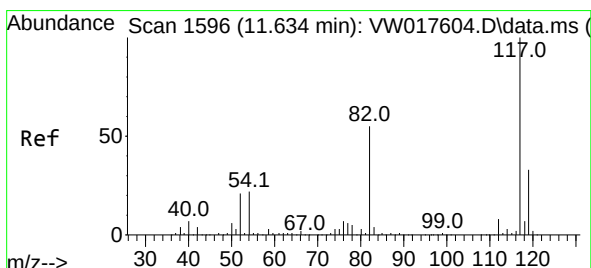
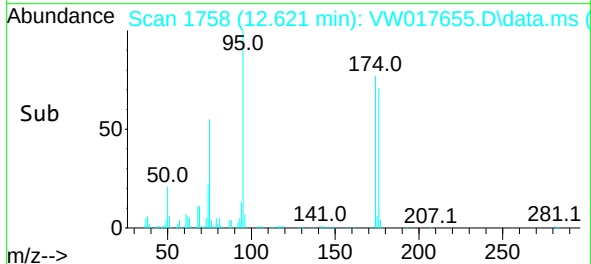
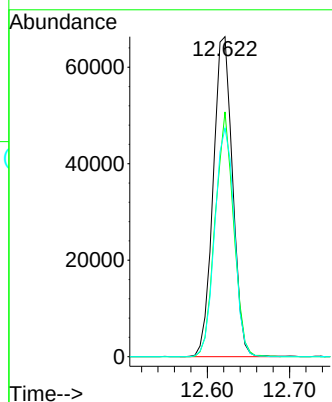
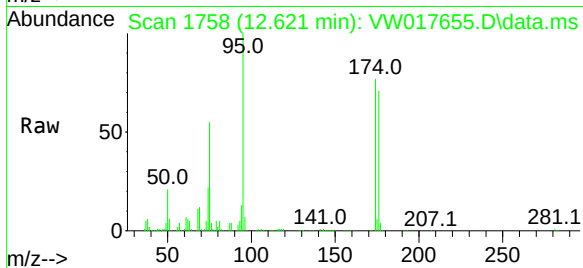




#62
4-Bromofluorobenzene
Concen: 33.66 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

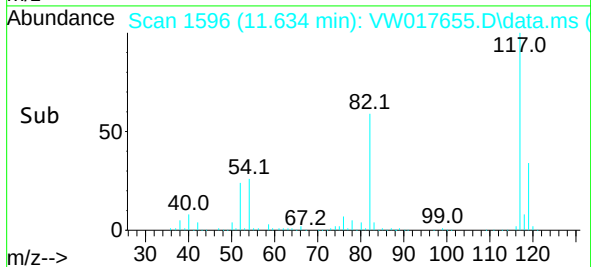
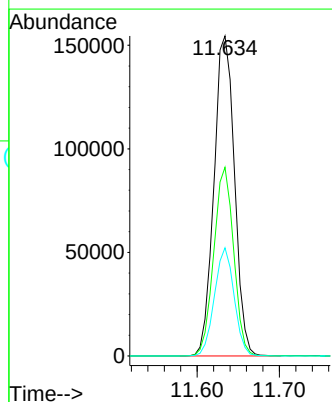
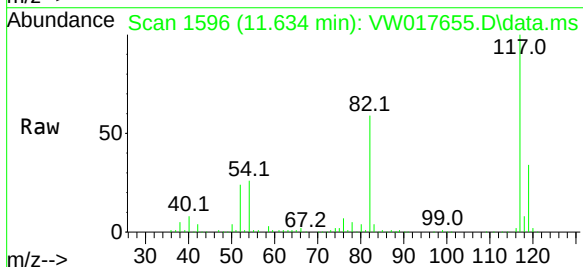
Instrument :
MSVOA_W
ClientSampleId :

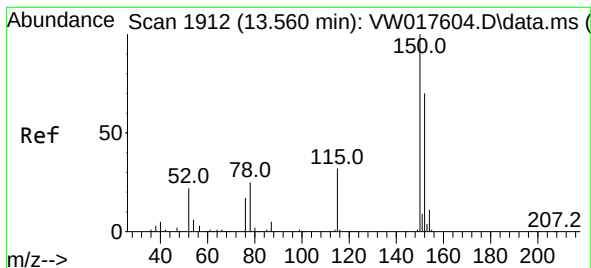
Tgt Ion: 95 Resp: 108502
Ion Ratio Lower Upper
95 100
174 72.6 0.0 180.6
176 72.1 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

Tgt Ion: 117 Resp: 268744
Ion Ratio Lower Upper
117 100
82 58.9 40.7 61.1
119 33.8 25.0 37.4

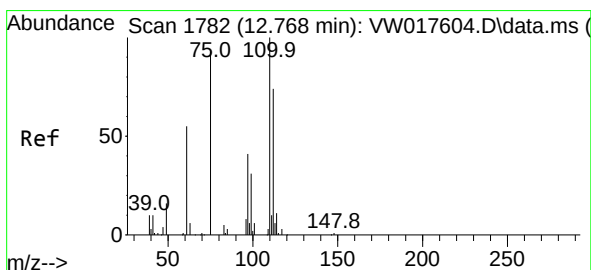
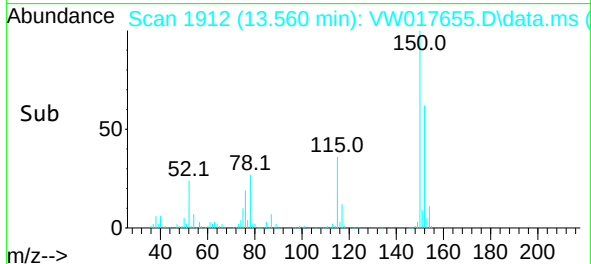
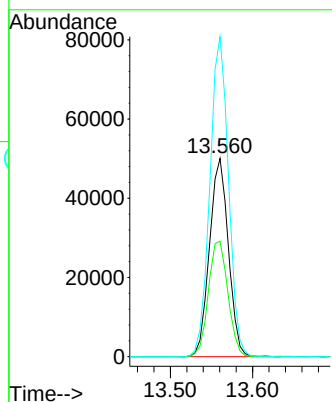
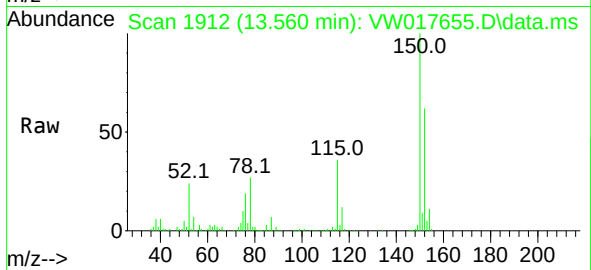




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

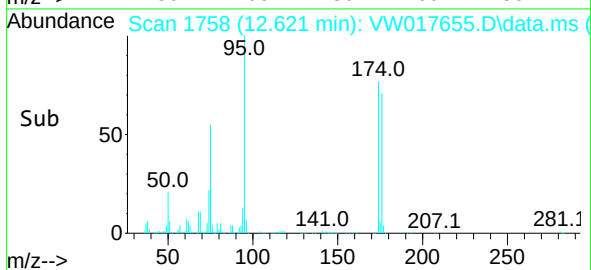
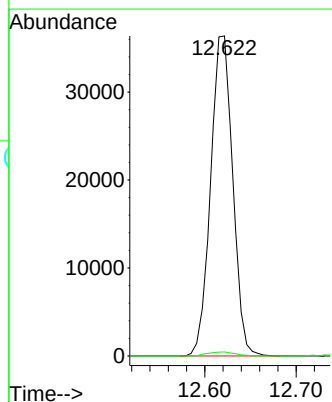
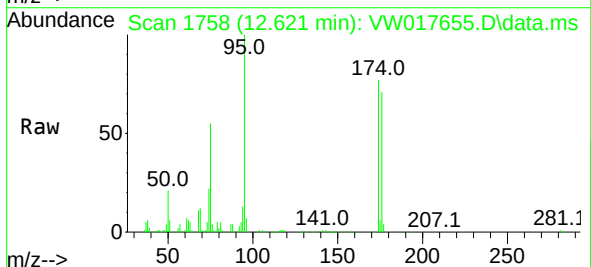
Instrument :
MSVOA_W
ClientSampleId :

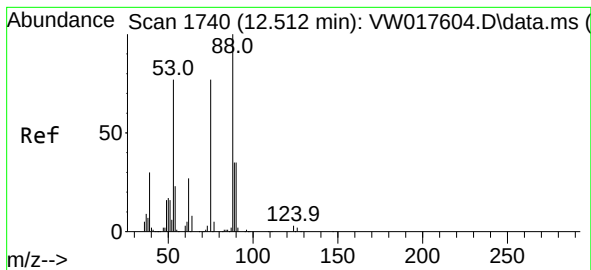
Tgt Ion:152 Resp: 80019
Ion Ratio Lower Upper
152 100
115 60.0 27.9 83.7
150 158.5 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 79.40 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017655.D
Acq: 16 Dec 2020 11:50

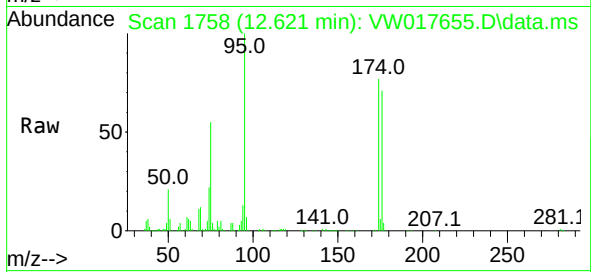
Tgt Ion: 75 Resp: 61158
Ion Ratio Lower Upper
75 100
77 1.6 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 160.86 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017655.D
 Acq: 16 Dec 2020 11:50

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 61158
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.0 115.4#
 89 0.1 38.7 58.1#

