

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017658.D
 Acq On : 16 Dec 2020 13:06
 Operator : SY/VA
 Sample : L5009-04
 Misc : 5.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:07:16 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)

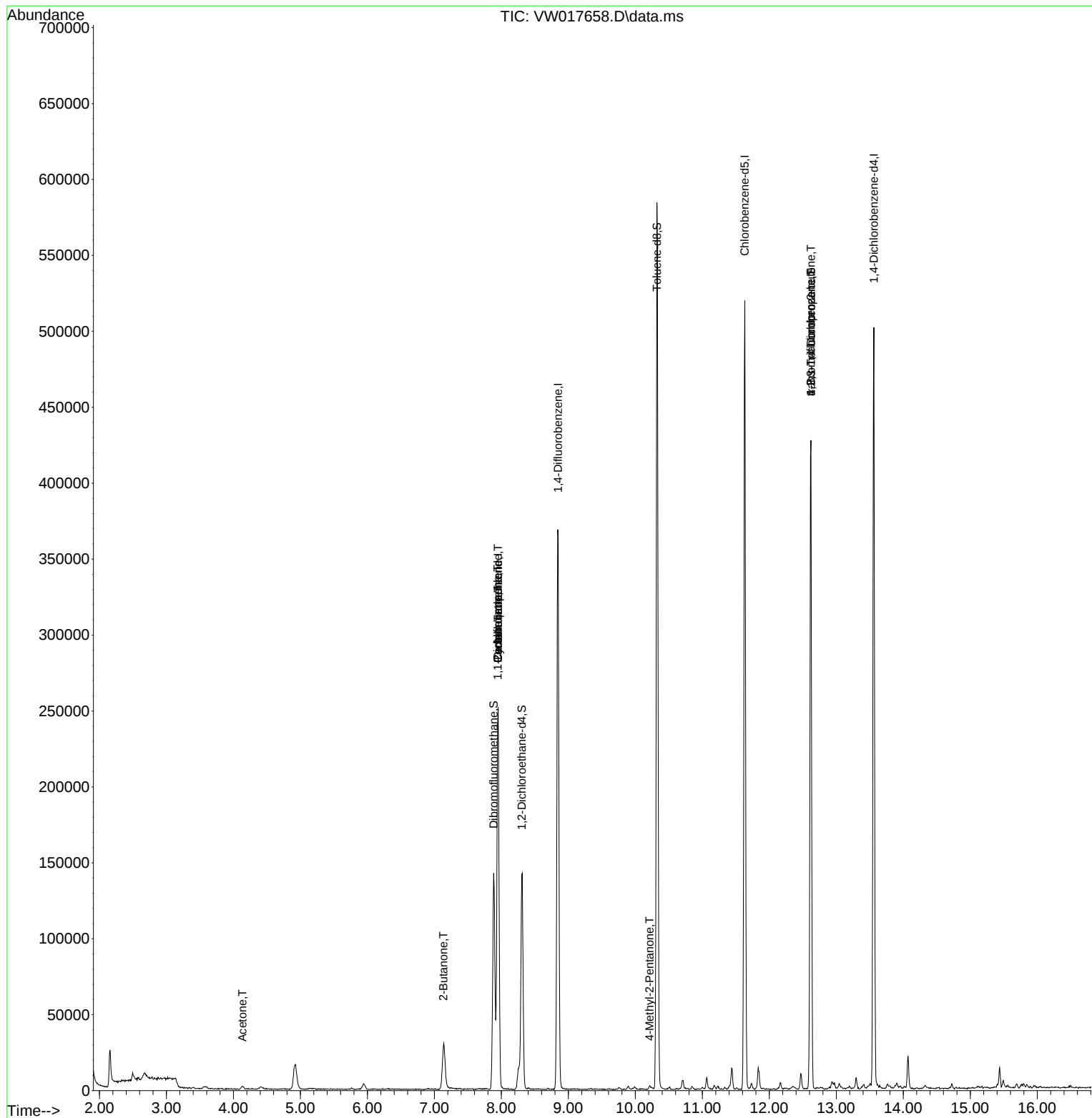
Internal Standards						
1) Pentafluorobenzene	7.951	168	179344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	305778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	269092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	118777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	113967	52.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.34%	
35) Dibromofluoromethane	7.884	113	96172	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	10.323	98	373545	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
62) 4-Bromofluorobenzene	12.621	95	124877	44.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.80%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.183	59	1303	Below Cal	#	87
16) Acetone	4.135	43	3654	7.69	ug/l	97
25) 2-Butanone	7.134	43	2082	3.29	ug/l	# 84
26) 2,2-Dichloropropane	7.140	77	2053	Below Cal	#	50
31) Cyclohexane	7.951	56	5068	1.34	ug/l	# 49
36) 1,1-Dichloropropene	7.945	75	16108	5.03	ug/l	# 47
38) Carbon Tetrachloride	7.951	117	19015	5.91	ug/l	# 15
51) 4-Methyl-2-Pentanone	10.213	43	2135	1.71	ug/l	# 81
76) 1,2,3-Trichloropropane	12.621	75	71621	62.64	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	71621	126.91	ug/l	# 11

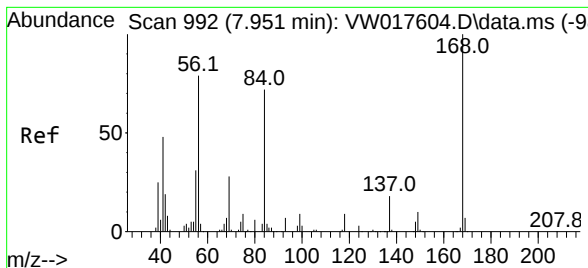
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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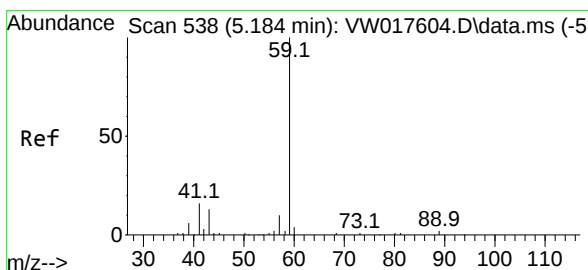
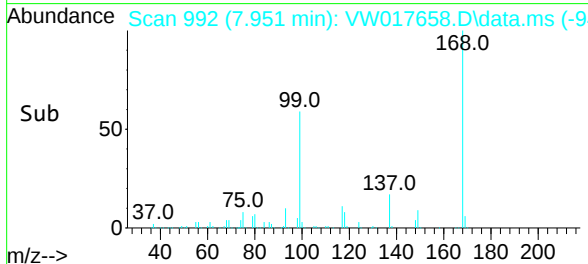
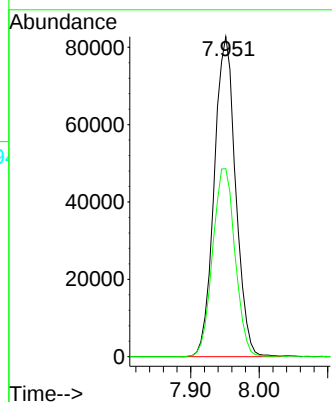
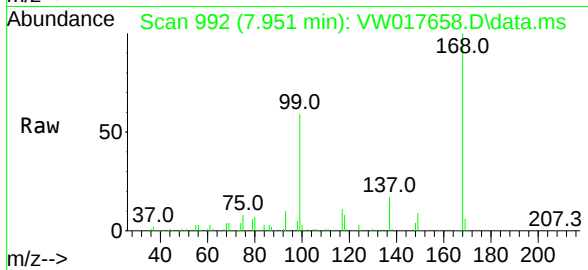




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

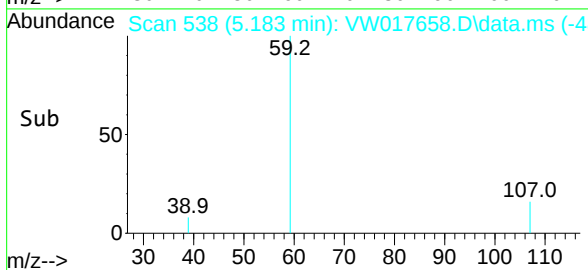
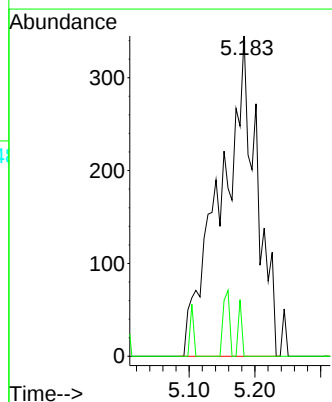
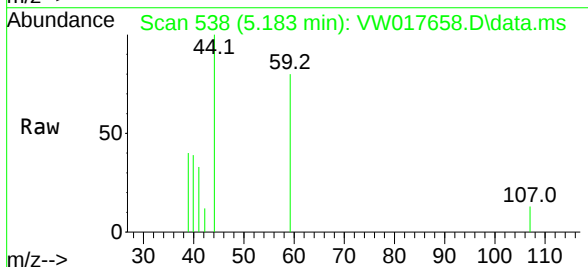
Instrument :
MSVOA_W
ClientSampleId :

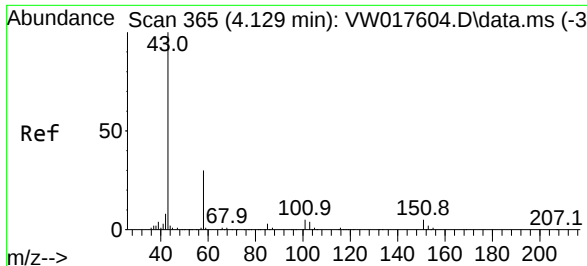
Tgt Ion:168 Resp: 179344
Ion Ratio Lower Upper
168 100
99 58.8 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.183 min Scan# 538
Delta R.T. -0.001 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Tgt Ion: 59 Resp: 1303
Ion Ratio Lower Upper
59 100
57 1.7 4.7 7.1#

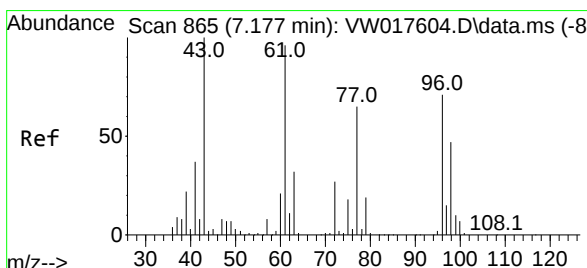
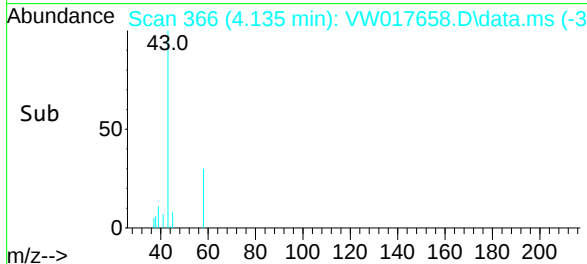
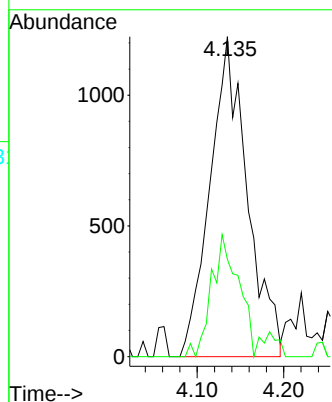
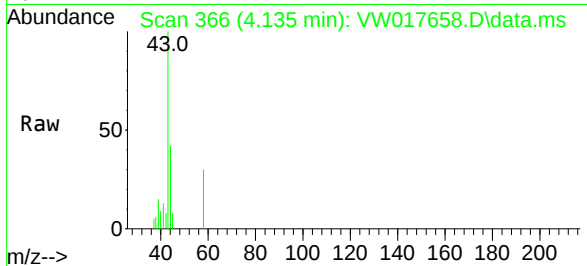




#16
Acetone
Concen: 7.69 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

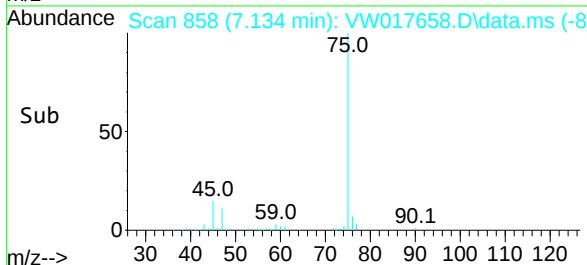
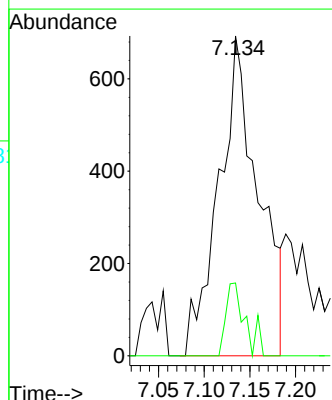
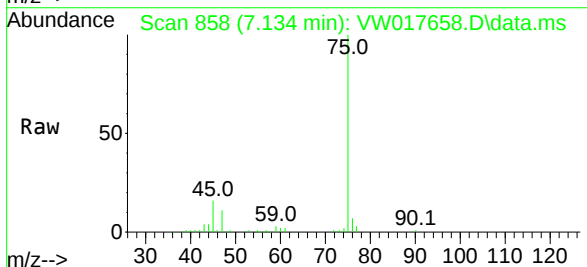
Instrument :
MSVOA_W
ClientSampled :

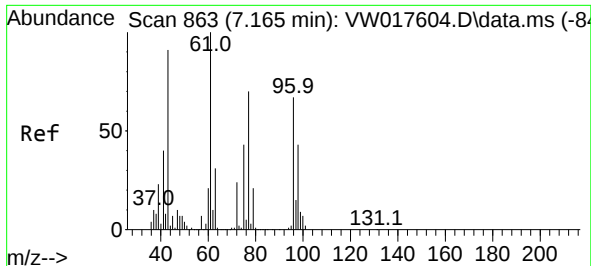
Tgt Ion: 43 Resp: 3654
Ion Ratio Lower Upper
43 100
58 30.4 25.7 38.5



#25
2-Butanone
Concen: 3.29 ug/l
RT: 7.134 min Scan# 858
Delta R.T. -0.043 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
72 22.8 25.4 38.2#

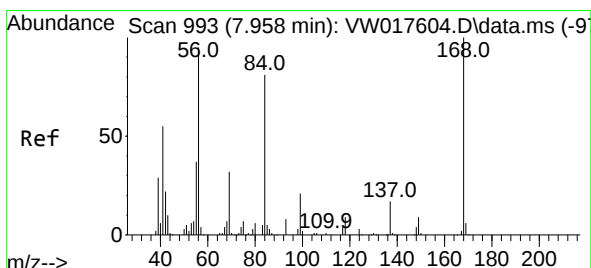
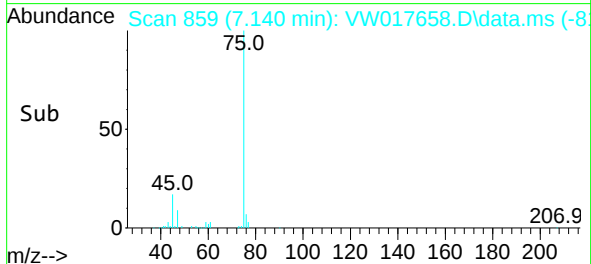
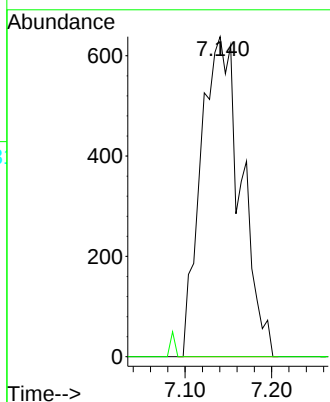
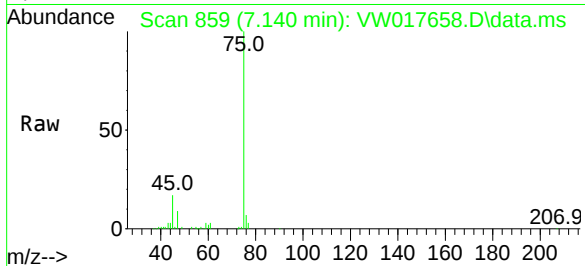




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.140 min Scan# 859
Delta R.T. -0.025 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

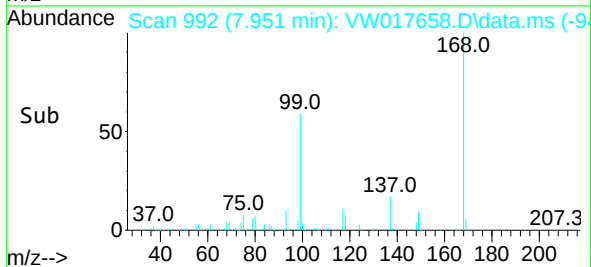
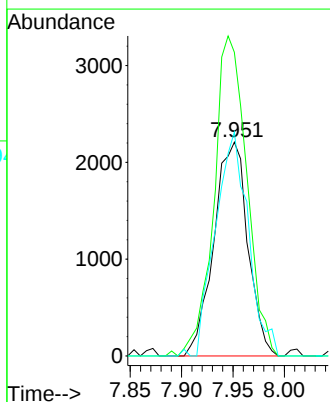
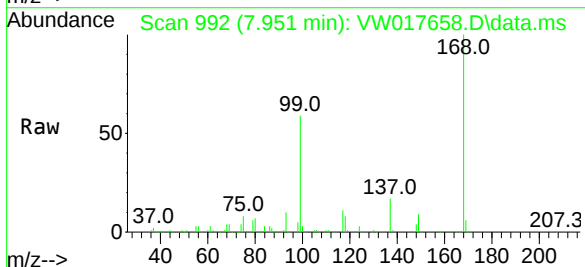
Instrument :
MSVOA_W
ClientSampled :

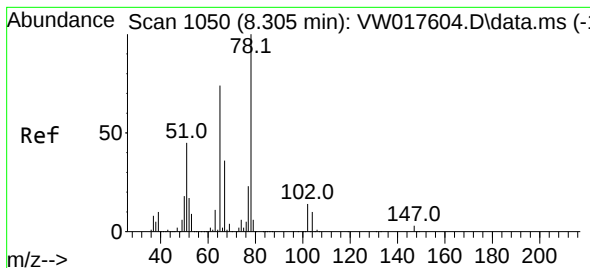
Tgt Ion: 77 Resp: 2053
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Tgt Ion: 56 Resp: 5068
Ion Ratio Lower Upper
56 100
69 142.1 29.3 43.9#
84 104.8 80.5 120.7

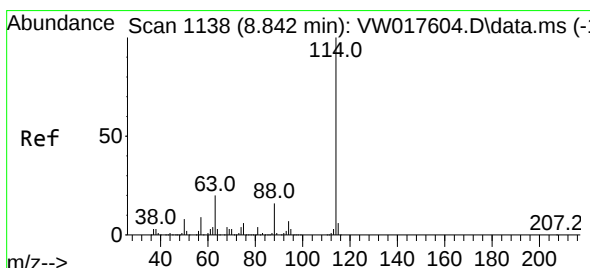
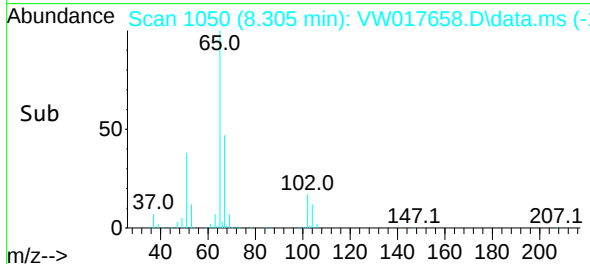
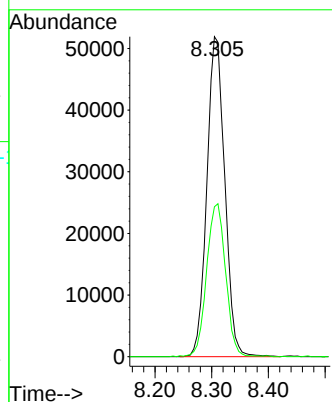
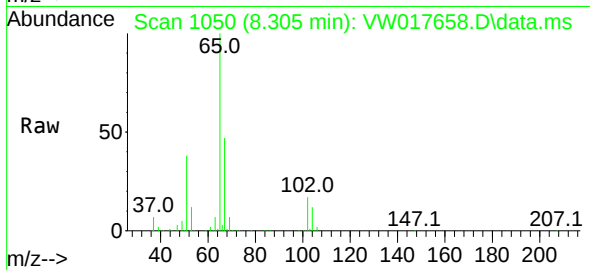




#33
 1,2-Dichloroethane-d4
 Concen: 52.17 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW017658.D
 Acq: 16 Dec 2020 13:06

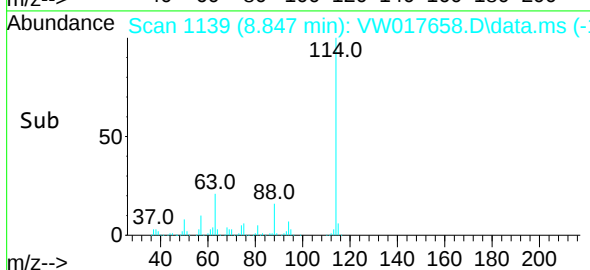
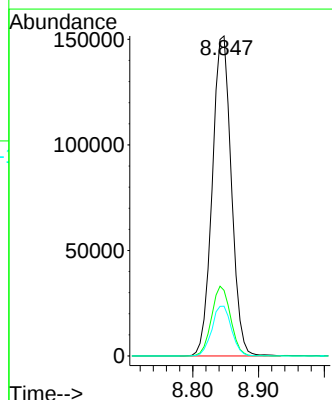
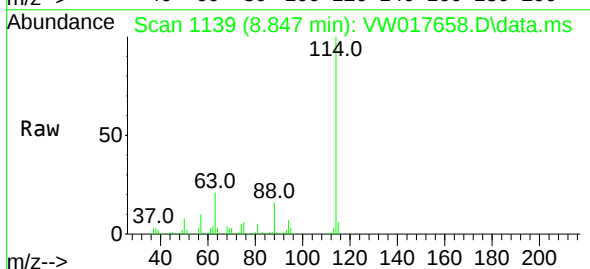
Instrument :
 MSVOA_W
 ClientSampleId :

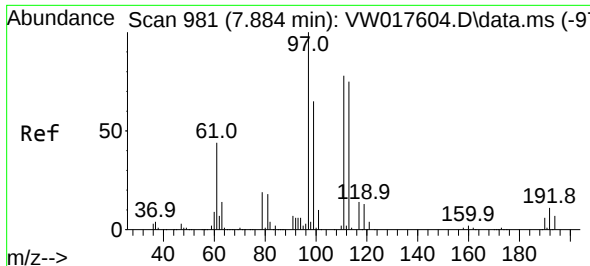
Tgt Ion: 65 Resp: 113967
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.847 min Scan# 1139
 Delta R.T. 0.005 min
 Lab File: VW017658.D
 Acq: 16 Dec 2020 13:06

Tgt Ion: 114 Resp: 305778
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 35.6
 88 15.6 0.0 30.4

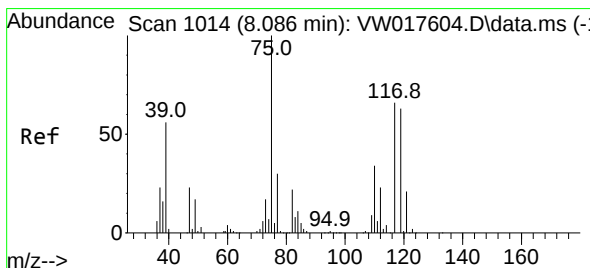
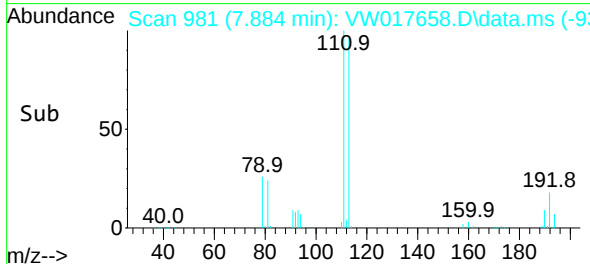
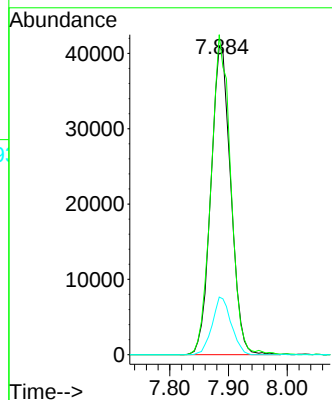
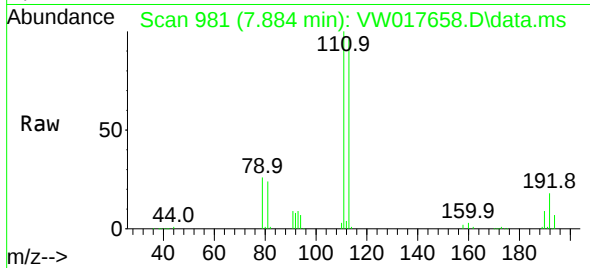




#35
Dibromofluoromethane
Concen: 47.53 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

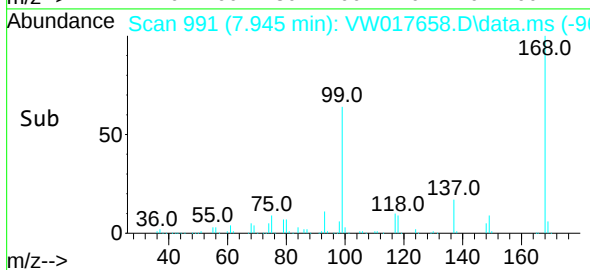
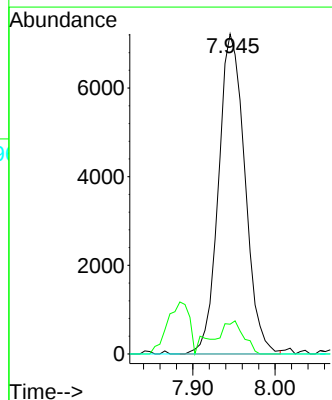
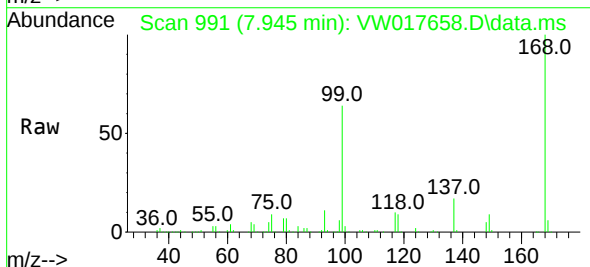
Instrument :
MSVOA_W
ClientSampleId :

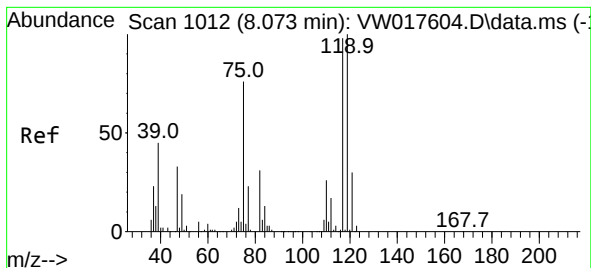
Tgt Ion:113 Resp: 96172
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.2
192 17.8 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.03 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Tgt Ion: 75 Resp: 16108
Ion Ratio Lower Upper
75 100
110 8.3 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.91 ug/l

RT: 7.951 min Scan# 992

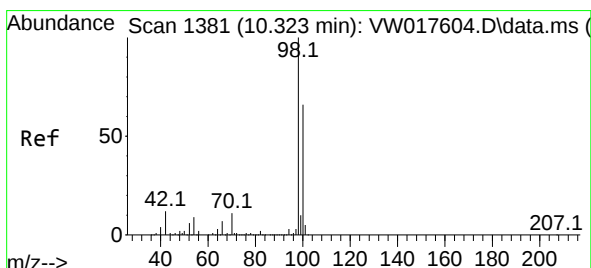
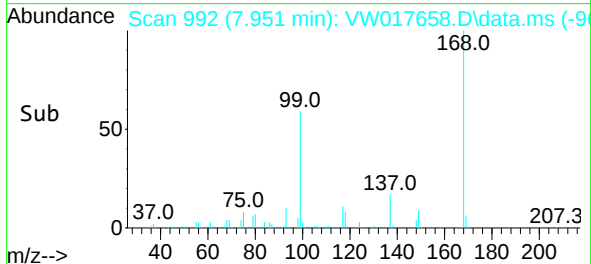
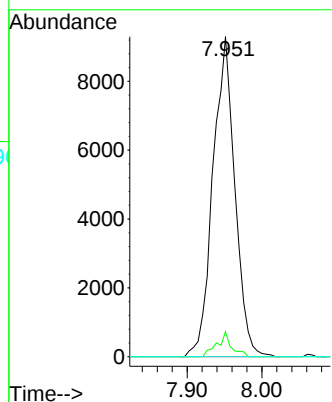
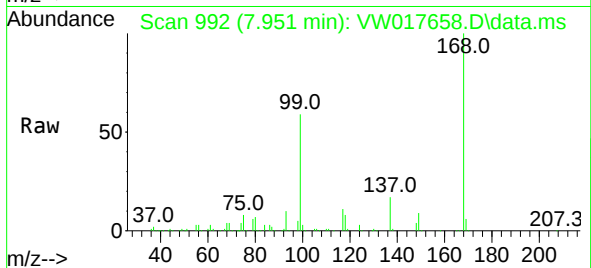
Delta R.T. -0.122 min

Lab File: VW017658.D

Acq: 16 Dec 2020 13:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	117	Resp:	19015
Ion	Ratio	Lower	Upper
117	100		
119	7.8	81.6	122.4#
121	0.0	25.7	38.5#



#50

Toluene-d8

Concen: 47.41 ug/l

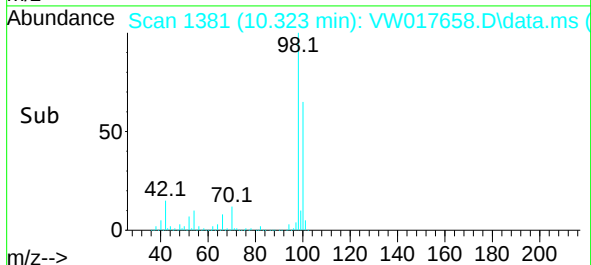
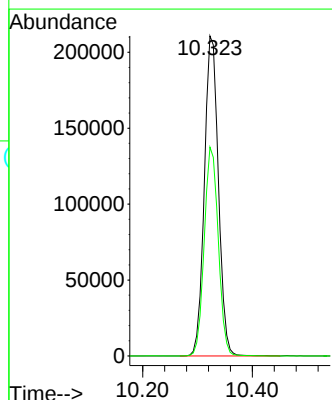
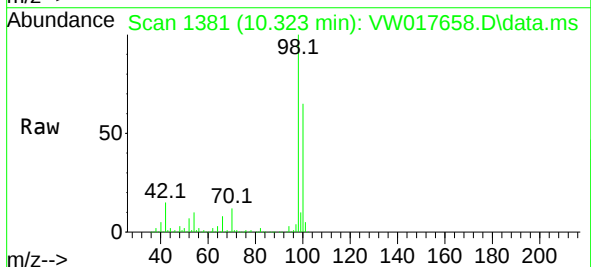
RT: 10.323 min Scan# 1381

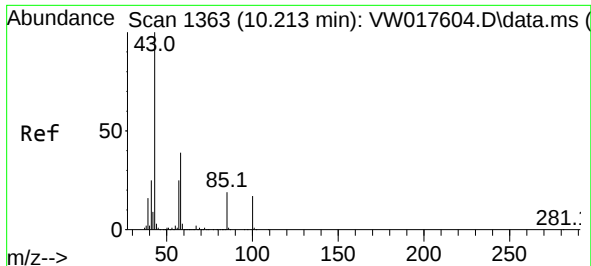
Delta R.T. -0.000 min

Lab File: VW017658.D

Acq: 16 Dec 2020 13:06

Tgt Ion:	98	Resp:	373545
Ion	Ratio	Lower	Upper
98	100		
100	65.3	53.3	79.9

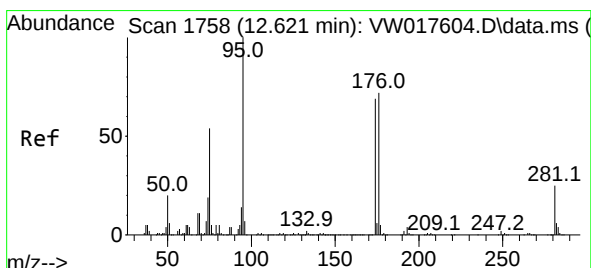
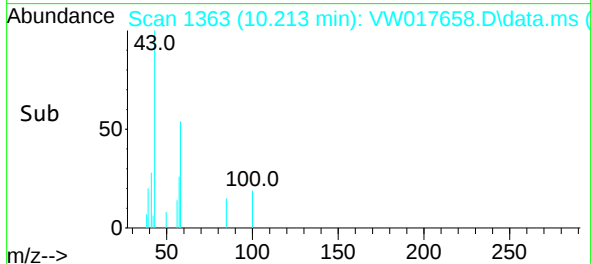
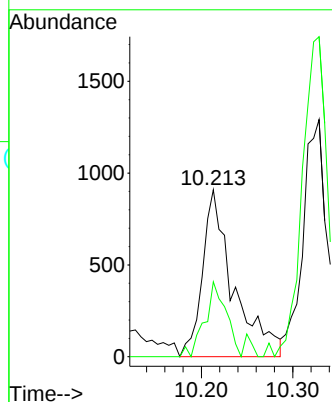
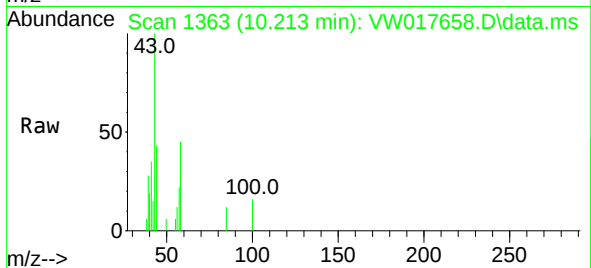




#51
4-Methyl-2-Pentanone
Concen: 1.71 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

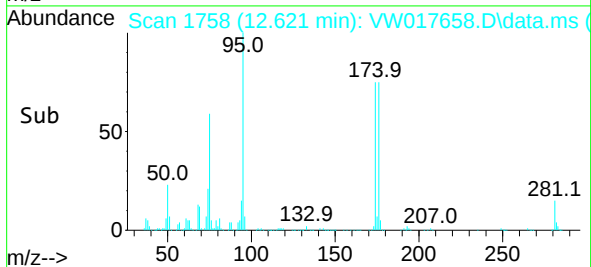
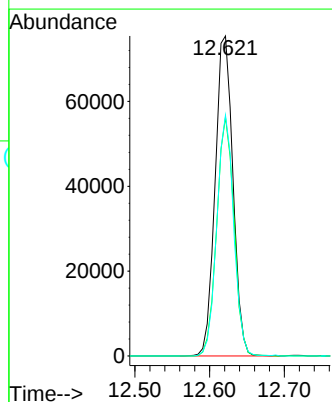
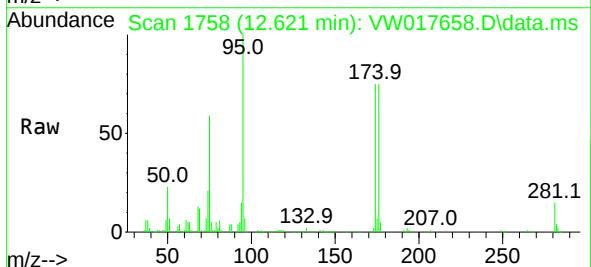
Instrument :
MSVOA_W
ClientSampled :

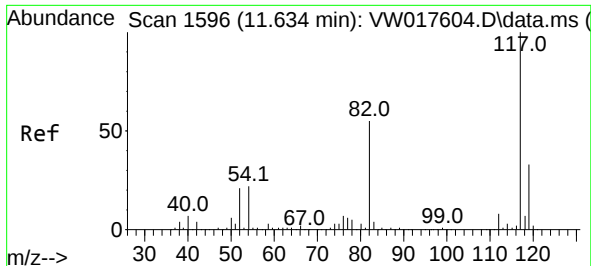
Tgt Ion: 43 Resp: 2135
Ion Ratio Lower Upper
43 100
58 31.1 34.7 52.1#



#62
4-Bromofluorobenzene
Concen: 44.40 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Tgt Ion: 95 Resp: 124877
Ion Ratio Lower Upper
95 100
174 72.4 0.0 180.6
176 71.6 0.0 177.6

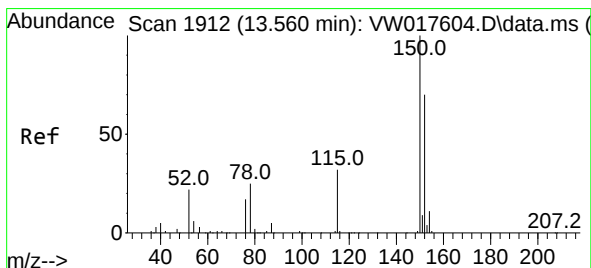
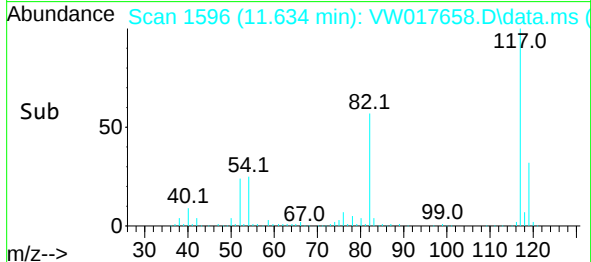
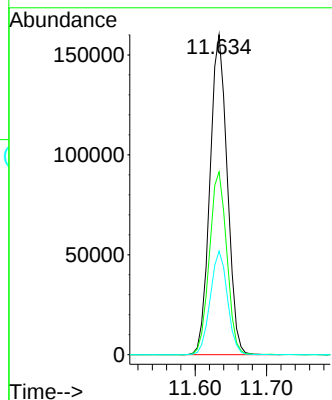
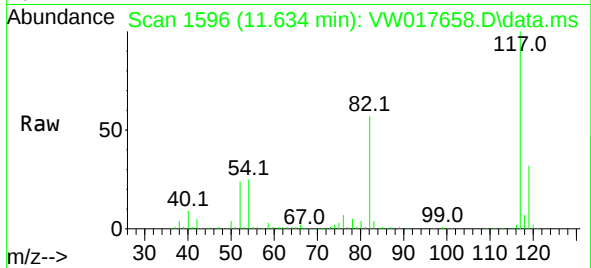




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

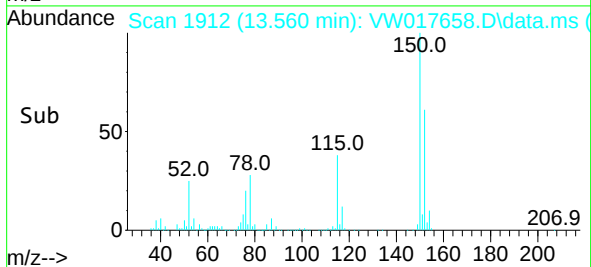
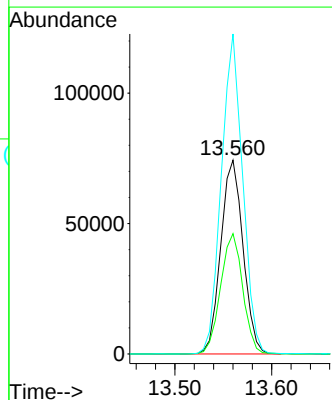
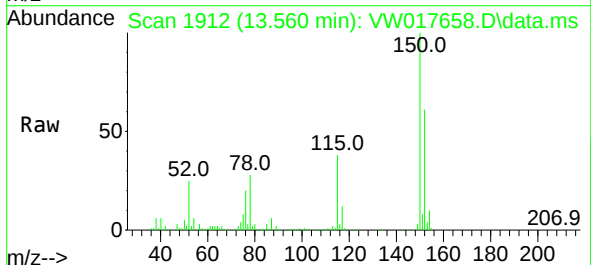
Instrument :
MSVOA_W
ClientSampleId :

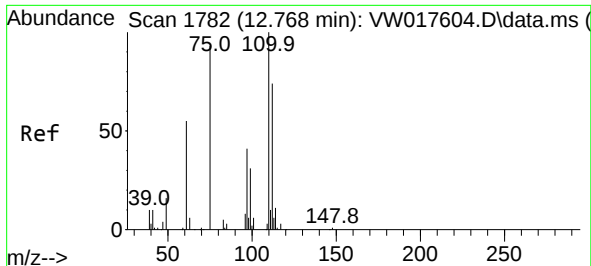
Tgt Ion:117 Resp: 269092
Ion Ratio Lower Upper
117 100
82 57.1 40.7 61.1
119 32.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Tgt Ion:152 Resp: 118777
Ion Ratio Lower Upper
152 100
115 61.7 27.9 83.7
150 158.3 0.0 344.0

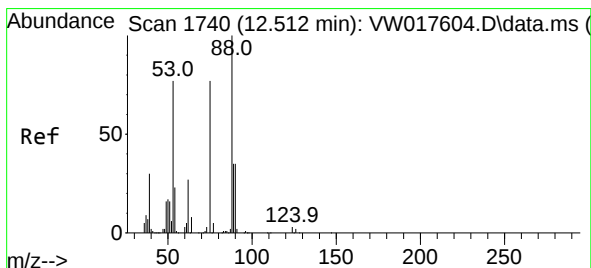
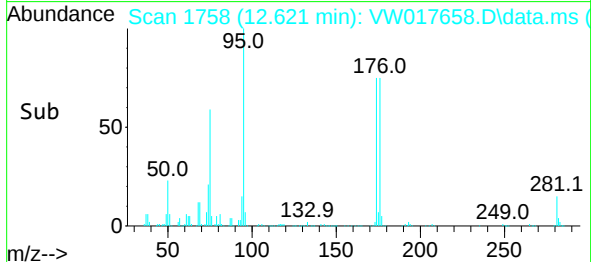
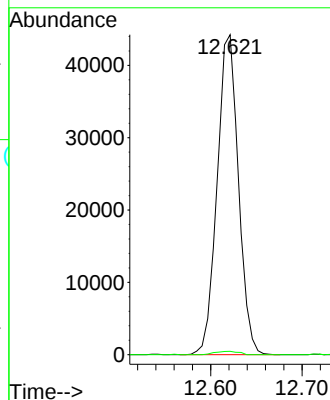
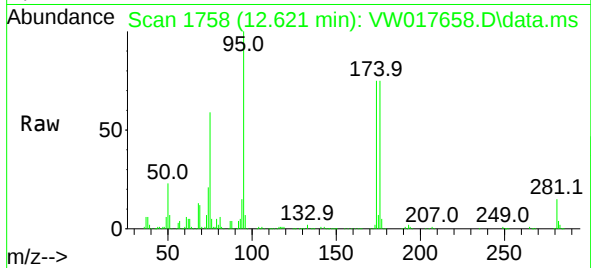




#76
1,2,3-Trichloropropane
Concen: 62.64 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 71621
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.91 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017658.D
Acq: 16 Dec 2020 13:06

Tgt Ion: 75 Resp: 71621
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.3 38.7 58.1#

