

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017657.D
 Acq On : 16 Dec 2020 12:41
 Operator : SY/VA
 Sample : L5009-01RE
 Misc : 5.05G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:06:56 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)

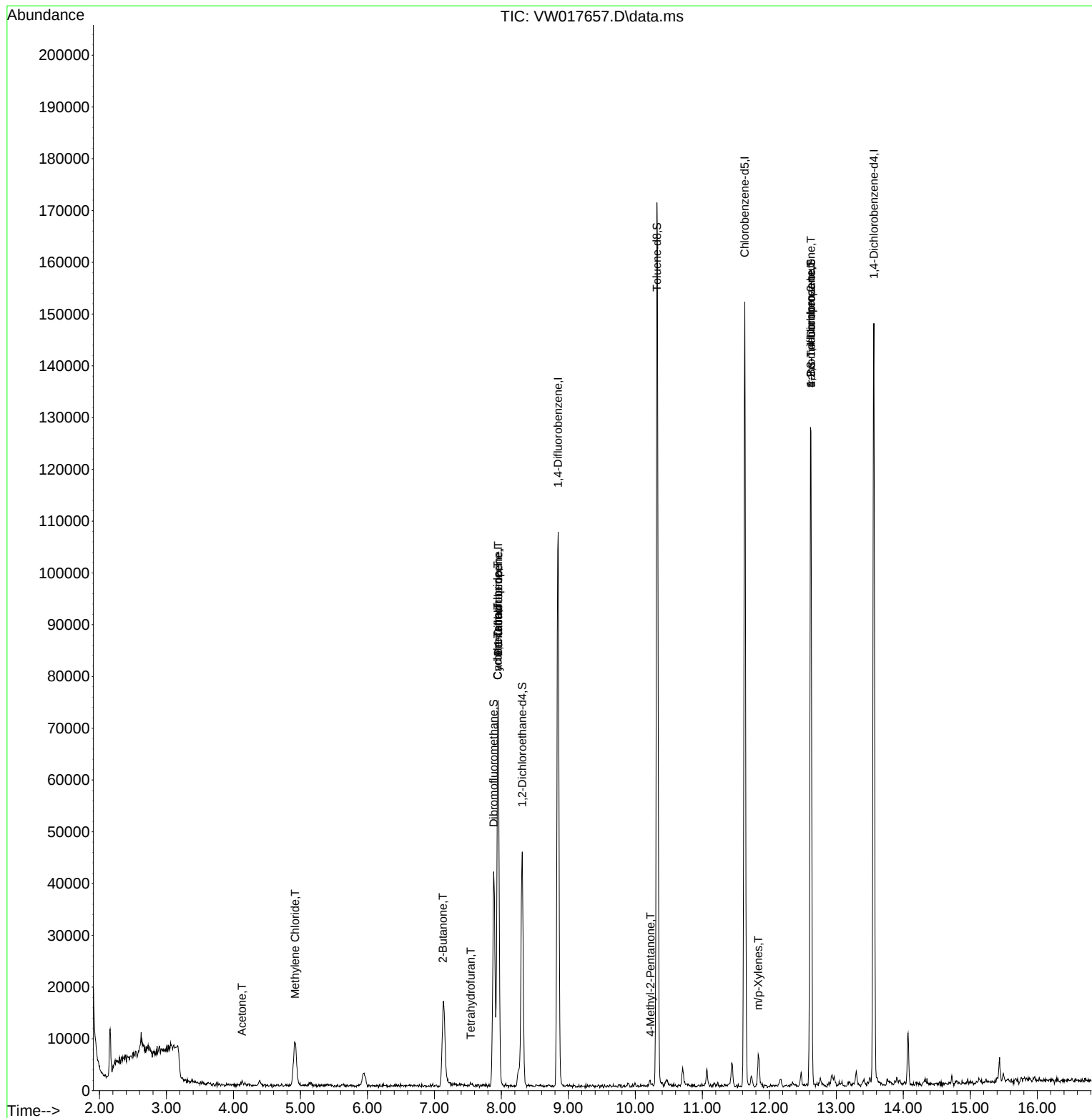
Internal Standards						
1) Pentafluorobenzene	7.951	168	52472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	88134	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	78472	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	35801	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	35128	54.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.92%	
35) Dibromofluoromethane	7.884	113	28296	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
50) Toluene-d8	10.323	98	107490	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
62) 4-Bromofluorobenzene	12.621	95	35777	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.202	59	59	Below Cal	#	82
16) Acetone	4.129	43	1473	10.59	ug/l #	87
20) Methylene Chloride	4.921	84	6605	6.22	ug/l #	82
25) 2-Butanone	7.128	43	763	4.12	ug/l #	43
26) 2,2-Dichloropropane	7.128	77	1482	Below Cal	#	50
29) Tetrahydrofuran	7.543	42	133	1.28	ug/l #	27
31) Cyclohexane	7.945	56	1699	1.54	ug/l #	43
36) 1,1-Dichloropropene	7.951	75	4967	5.38	ug/l #	49
38) Carbon Tetrachloride	7.945	117	5585	6.02	ug/l #	14
51) 4-Methyl-2-Pentanone	10.225	43	1050	2.92	ug/l #	80
68) m/p-Xylenes	11.835	106	1954	1.63	ug/l	96
76) 1,2,3-Trichloropropane	12.621	75	21161	61.40	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	21161	124.41	ug/l #	11

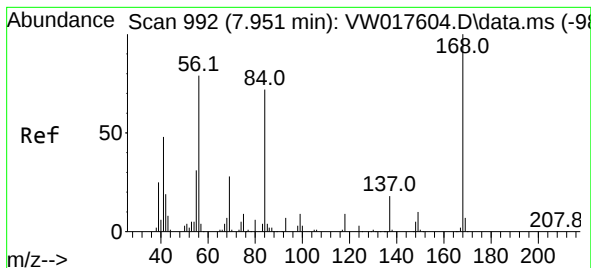
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
Data File : VW017657.D
Acq On : 16 Dec 2020 12:41
Operator : SY/VA
Sample : L5009-01RE
Misc : 5.05G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 17 05:06:56 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

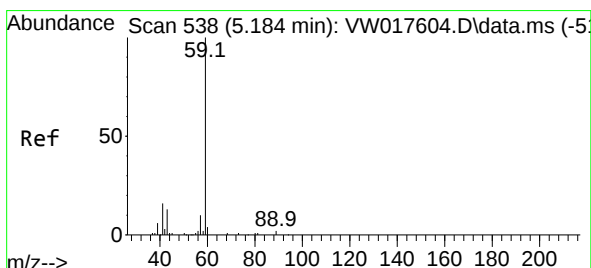
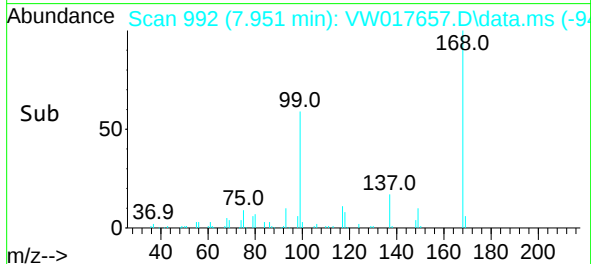
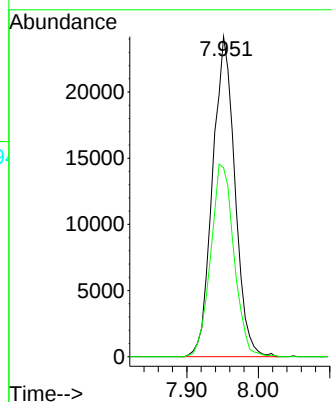
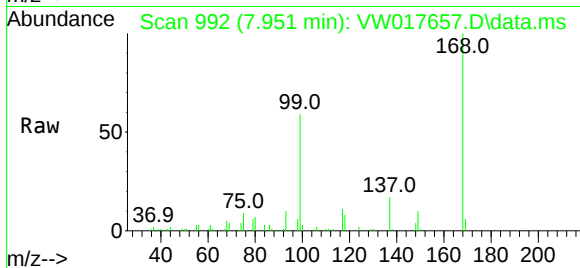




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

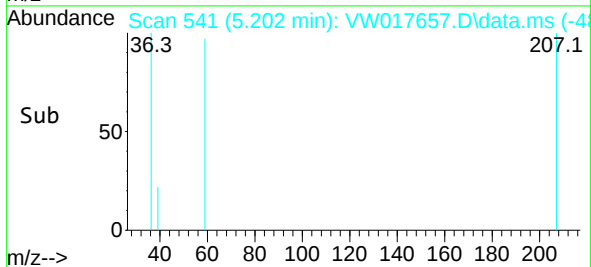
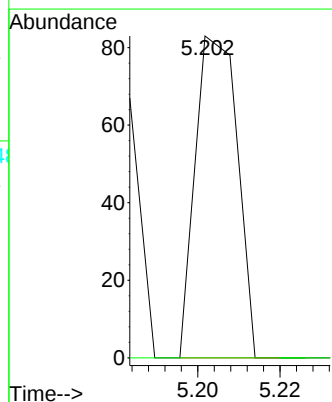
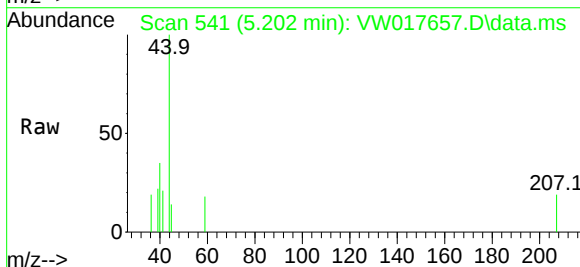
Instrument :
MSVOA_W
ClientSampled :

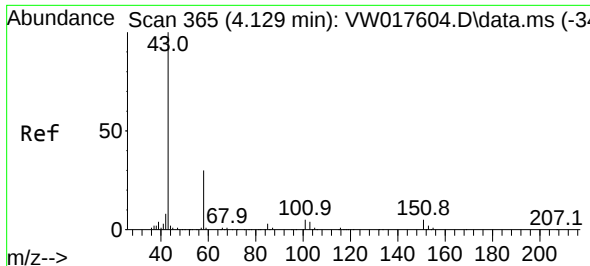
Tgt Ion:168 Resp: 52472
Ion Ratio Lower Upper
168 100
99 59.0 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.018 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Tgt Ion: 59 Resp: 59
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

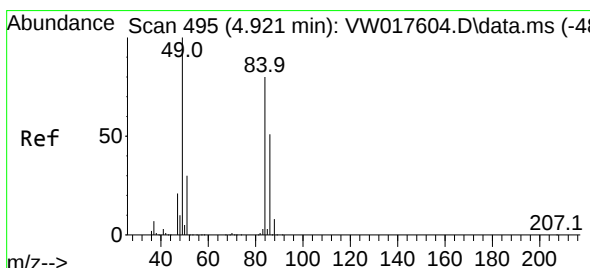
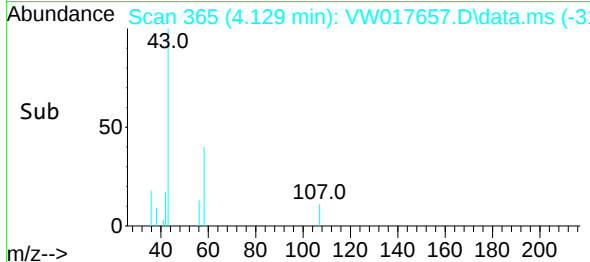
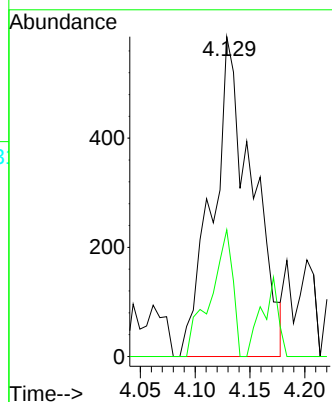
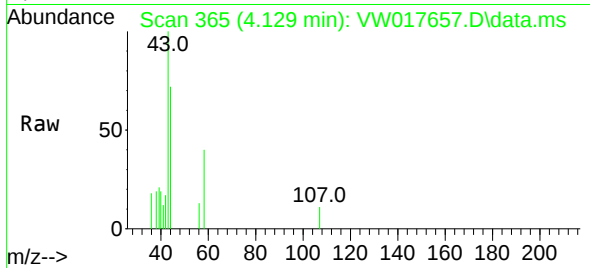




#16
Acetone
Concen: 10.59 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

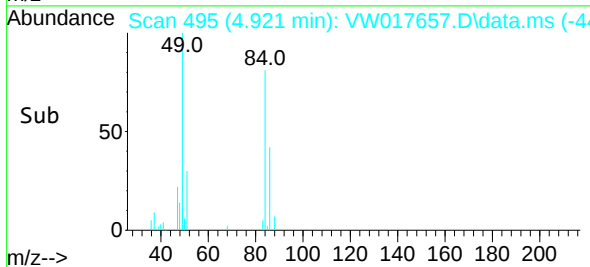
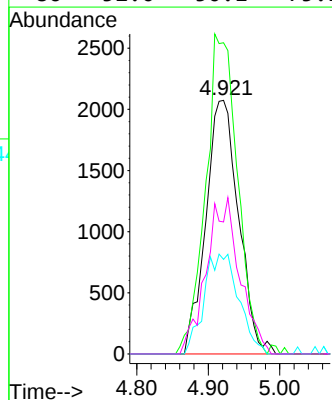
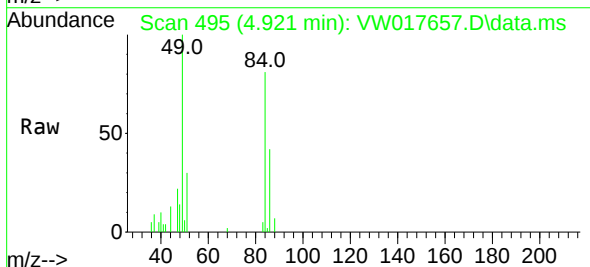
Instrument :
MSVOA_W
ClientSampleId :

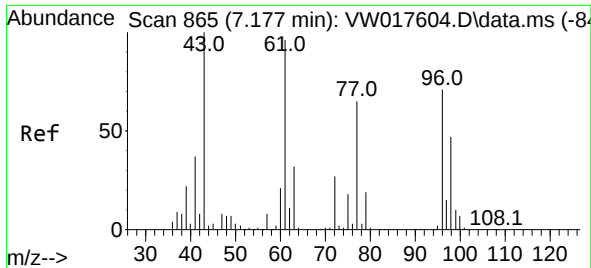
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 39.6 25.7 38.5#



#20
Methylene Chloride
Concen: 6.22 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Tgt Ion: 84 Resp: 6605
Ion Ratio Lower Upper
84 100
49 122.7 79.0 118.6#
51 37.3 26.1 39.1
86 52.0 50.1 75.1

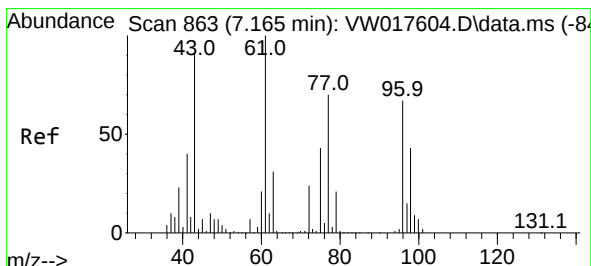
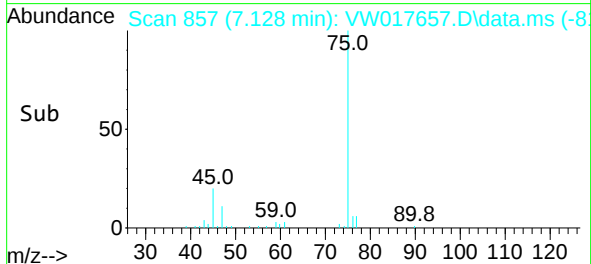
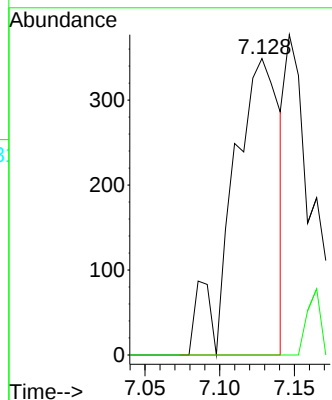
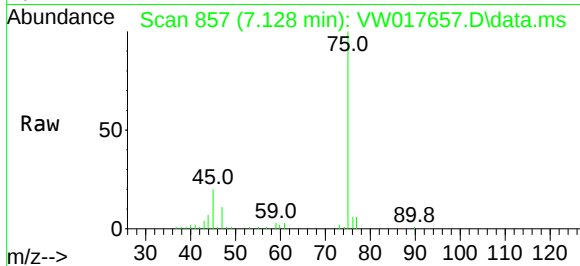




#25
2-Butanone
Concen: 4.12 ug/l
RT: 7.128 min Scan# 857
Delta R.T. -0.049 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

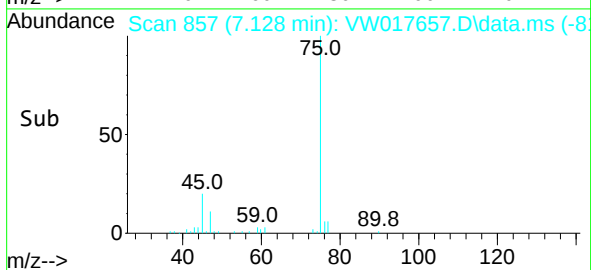
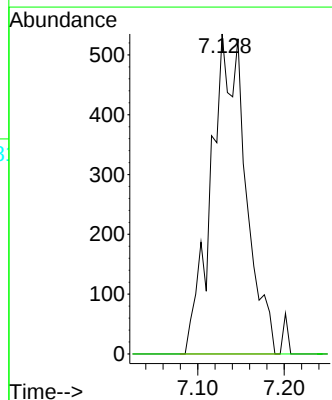
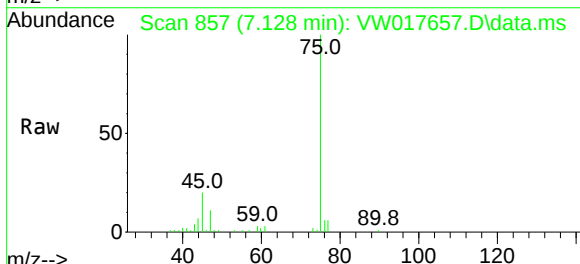
Instrument :
MSVOA_W
ClientSampled :

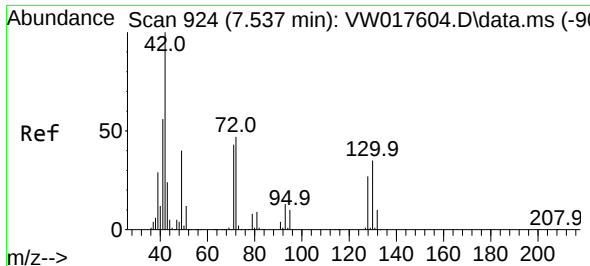
Tgt Ion: 43 Resp: 763
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.128 min Scan# 857
Delta R.T. -0.037 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Tgt Ion: 77 Resp: 1482
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#





#29

Tetrahydrofuran

Concen: 1.28 ug/l

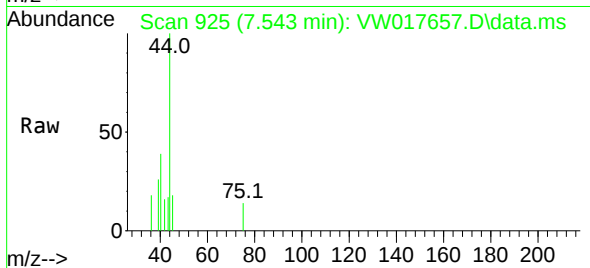
RT: 7.543 min Scan# 925

Delta R.T. 0.006 min

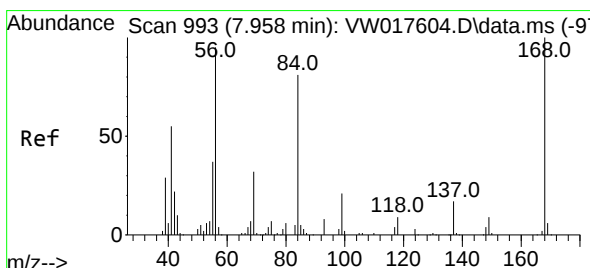
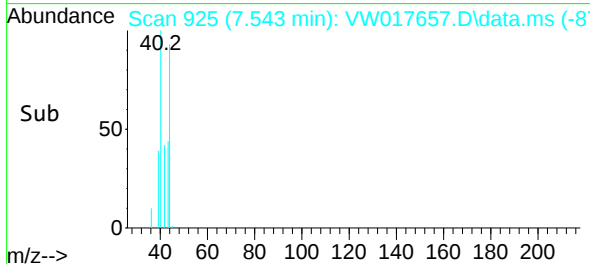
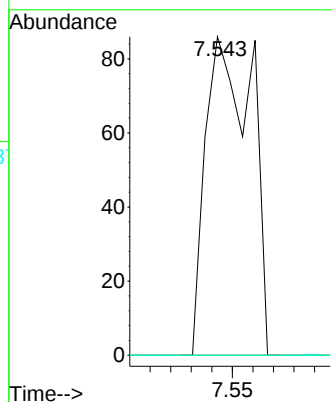
Lab File: VW017657.D

Acq: 16 Dec 2020 12:41

Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:	42	Resp:	133
Ion	Ratio	Lower	Upper
42	100		
72	0.0	42.0	63.0#
71	0.0	39.0	58.6#



#31

Cyclohexane

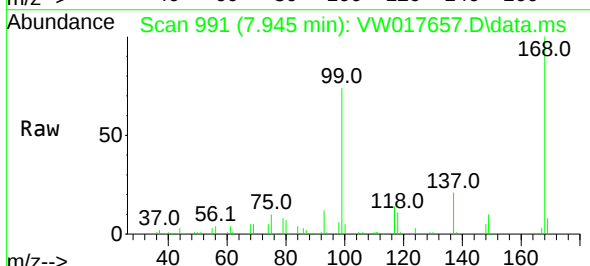
Concen: 1.54 ug/l

RT: 7.945 min Scan# 991

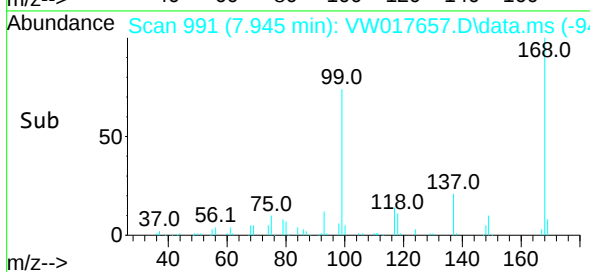
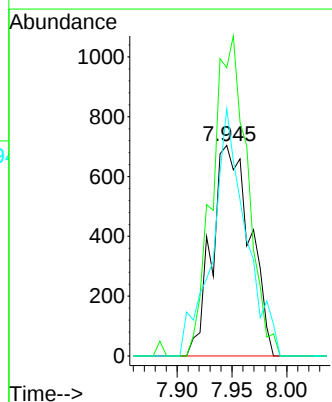
Delta R.T. -0.013 min

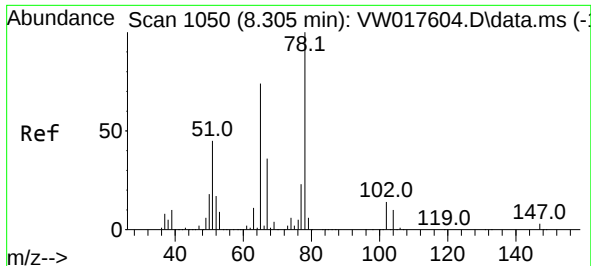
Lab File: VW017657.D

Acq: 16 Dec 2020 12:41



Tgt Ion:	56	Resp:	1699
Ion	Ratio	Lower	Upper
56	100		
69	136.9	29.3	43.9#
84	117.3	80.5	120.7

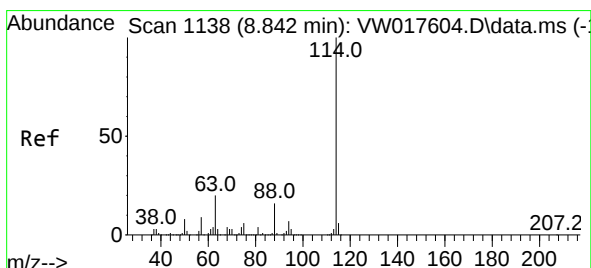
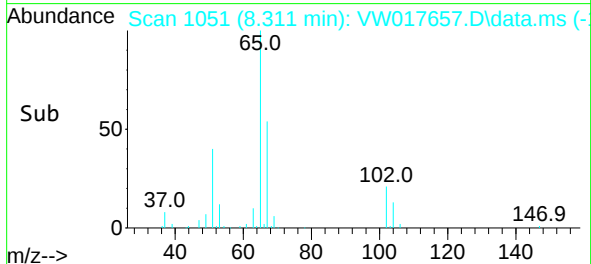
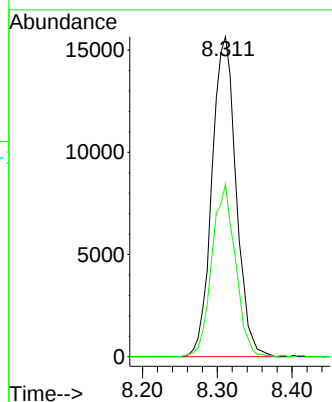
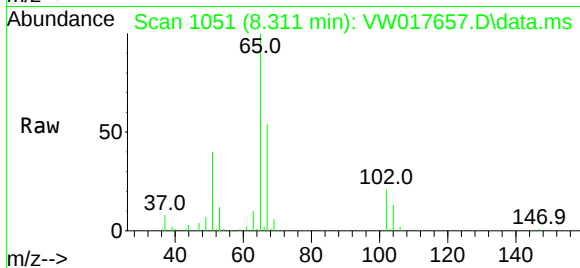




#33
1,2-Dichloroethane-d4
Concen: 54.96 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

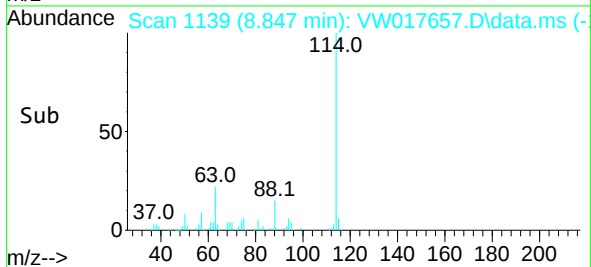
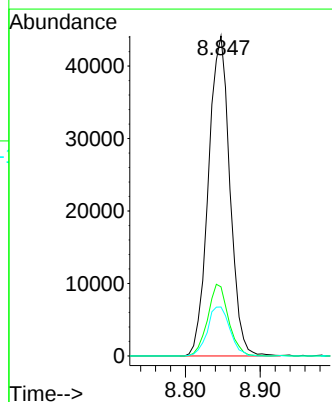
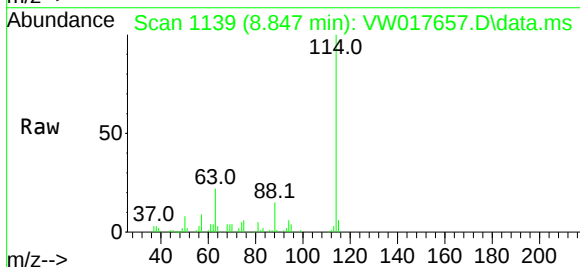
Instrument :
MSVOA_W
ClientSampled :

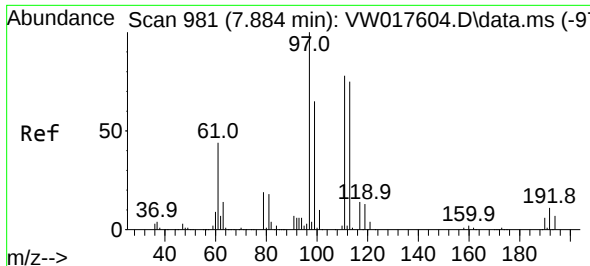
Tgt Ion: 65 Resp: 35128
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.8



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. 0.005 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Tgt Ion: 114 Resp: 88134
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.6
88 15.3 0.0 30.4

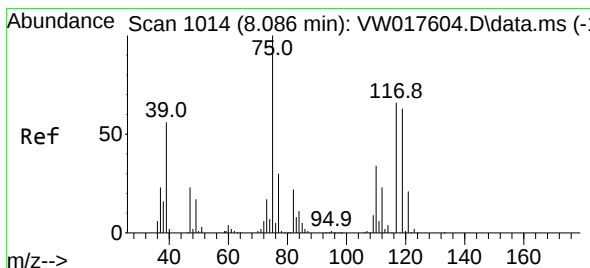
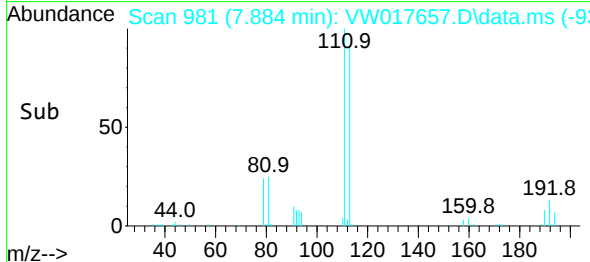
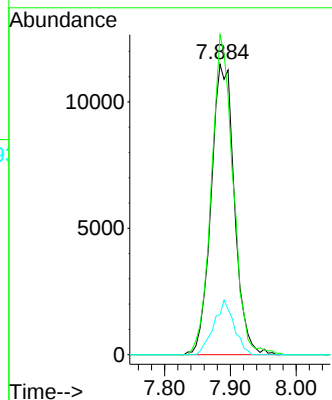
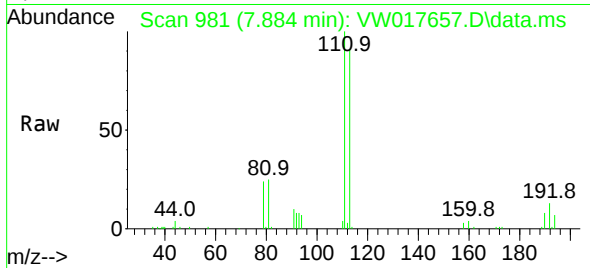




#35
Dibromofluoromethane
Concen: 48.52 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

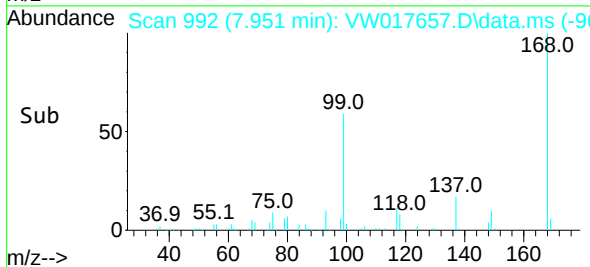
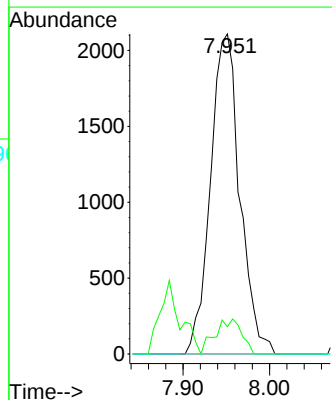
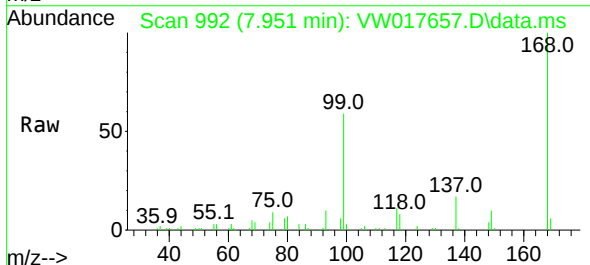
Instrument :
MSVOA_W
ClientSampleId :

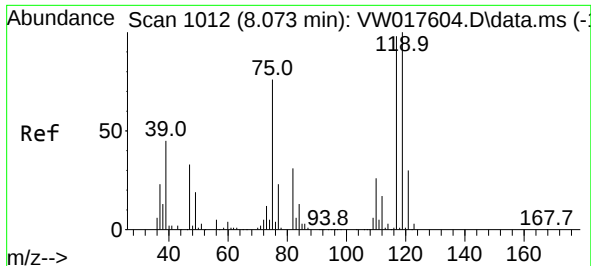
Tgt Ion:113 Resp: 28296
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 16.3 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.38 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

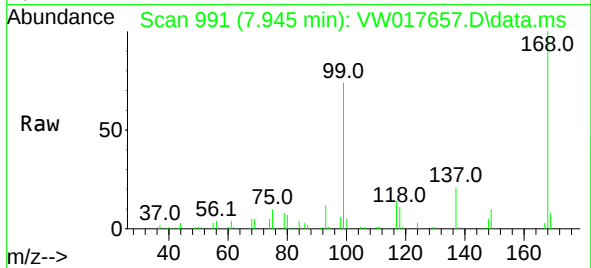
Tgt Ion: 75 Resp: 4967
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 25.0 37.6#



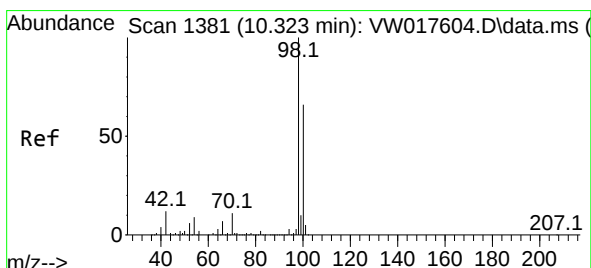
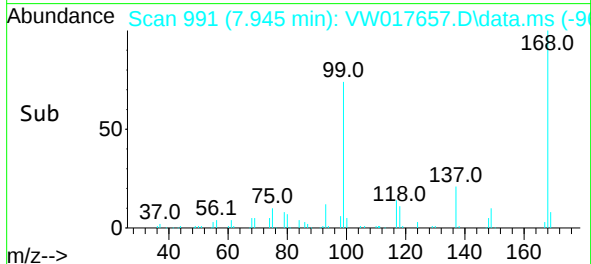
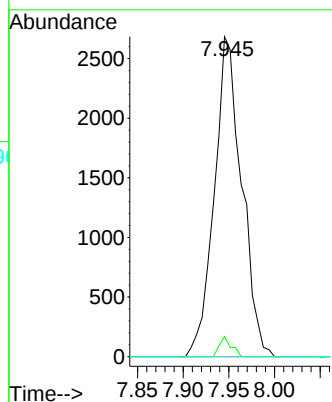


#38
Carbon Tetrachloride
Concen: 6.02 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Instrument :
MSVOA_W
ClientSampleId :

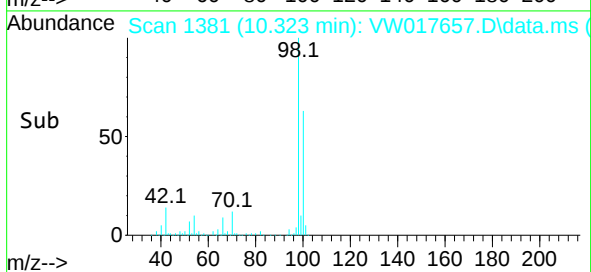
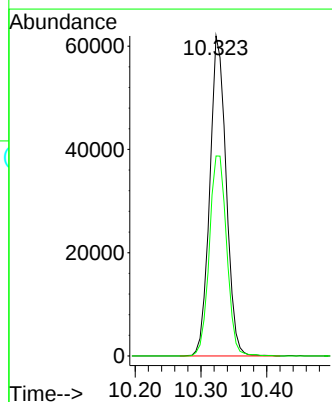
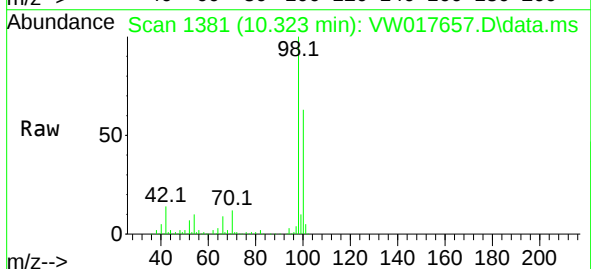


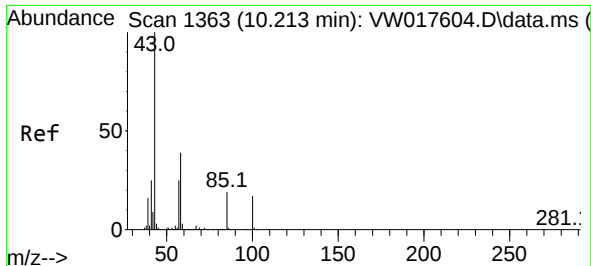
Tgt Ion: 117 Resp: 5585
Ion Ratio Lower Upper
117 100
119 6.3 81.6 122.4#
121 0.0 25.7 38.5#



#50
Toluene-d8
Concen: 47.34 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Tgt Ion: 98 Resp: 107490
Ion Ratio Lower Upper
98 100
100 66.2 53.3 79.9

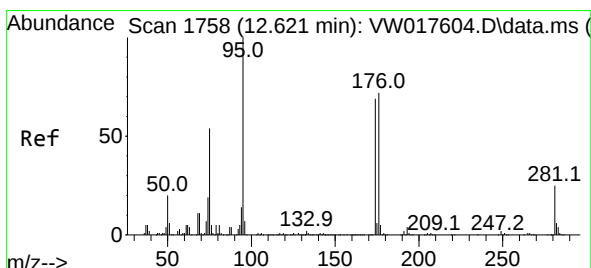
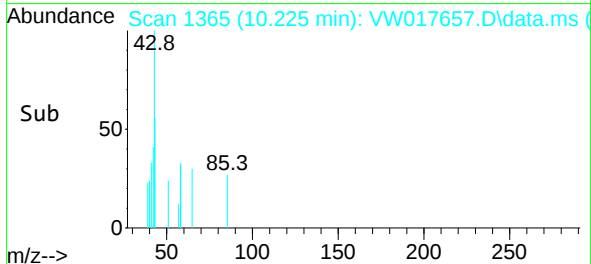
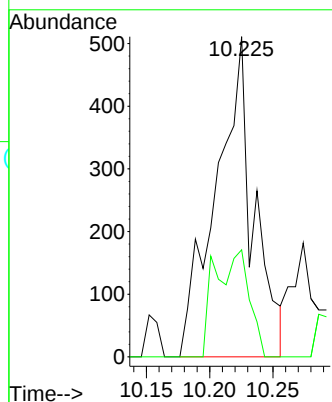
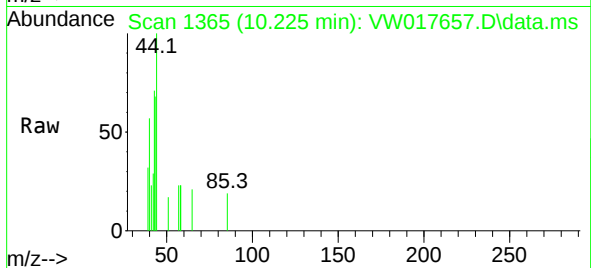




#51
4-Methyl-2-Pentanone
Concen: 2.92 ug/l
RT: 10.225 min Scan# 1365
Delta R.T. 0.012 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

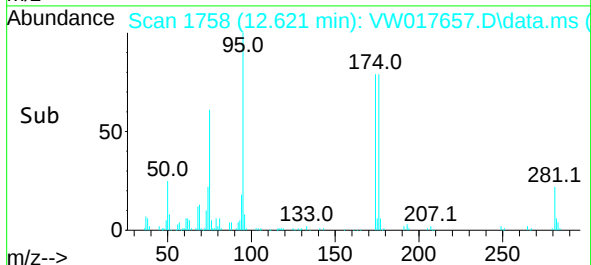
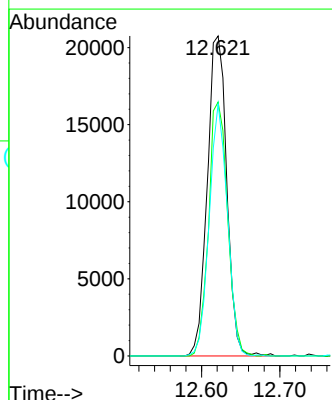
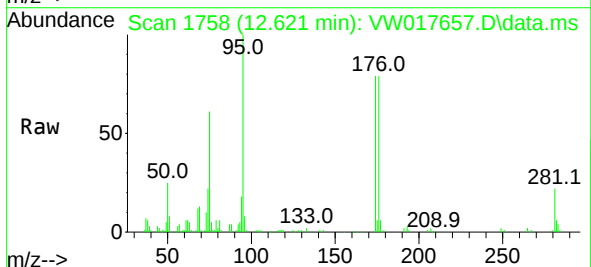
Instrument :
MSVOA_W
ClientSampleId :

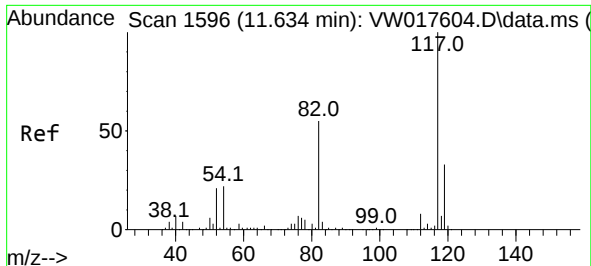
Tgt Ion: 43 Resp: 1050
Ion Ratio Lower Upper
43 100
58 30.5 34.7 52.1#



#62
4-Bromofluorobenzene
Concen: 44.13 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Tgt Ion: 95 Resp: 35777
Ion Ratio Lower Upper
95 100
174 77.7 0.0 180.6
176 73.3 0.0 177.6

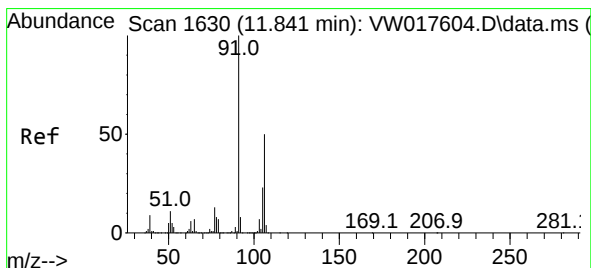
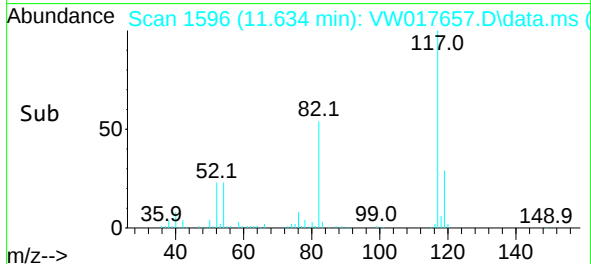
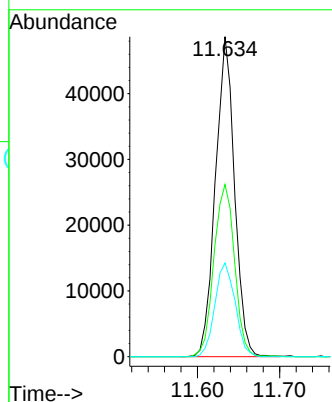
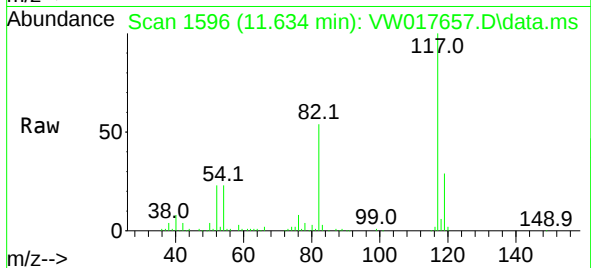




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

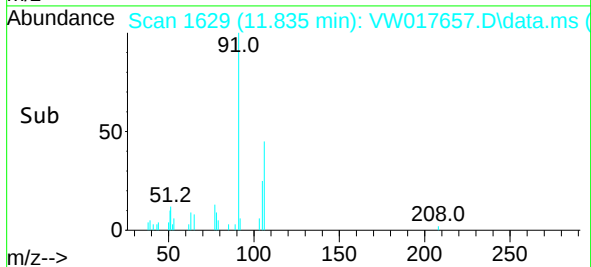
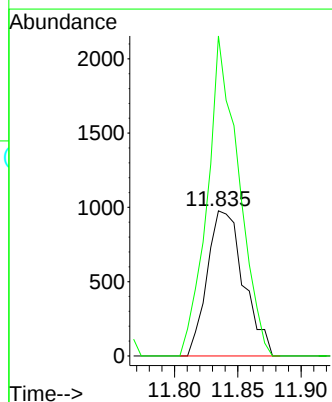
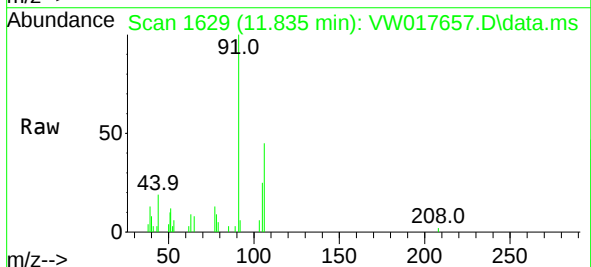
Instrument :
MSVOA_W
ClientSampleId :

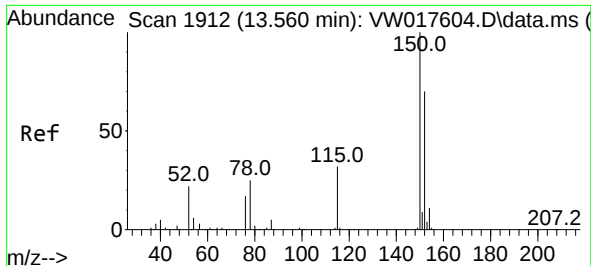
Tgt Ion:117 Resp: 78472
Ion Ratio Lower Upper
117 100
82 53.8 40.7 61.1
119 29.3 25.0 37.4



#68
m/p-Xylenes
Concen: 1.63 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

Tgt Ion:106 Resp: 1954
Ion Ratio Lower Upper
106 100
91 190.6 157.4 236.0

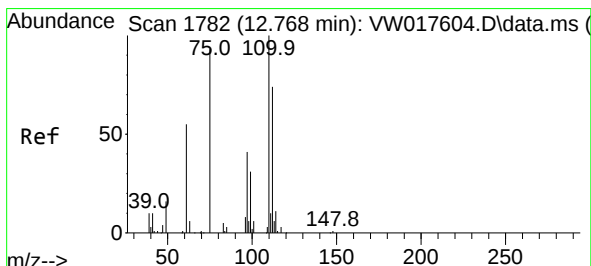
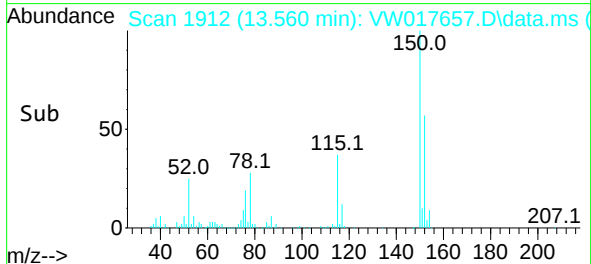
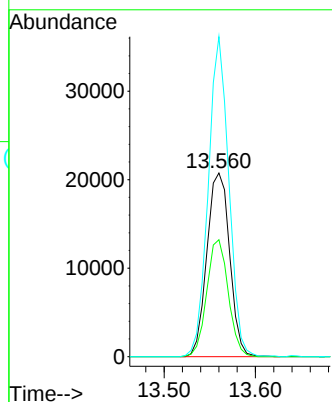
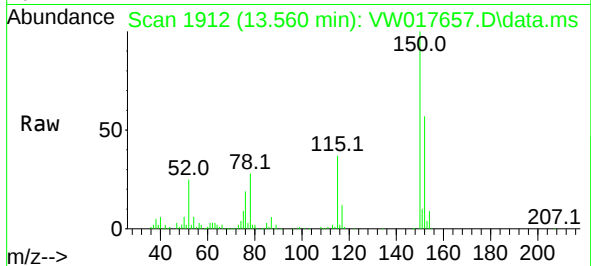




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

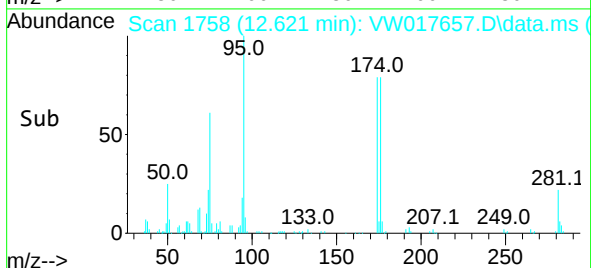
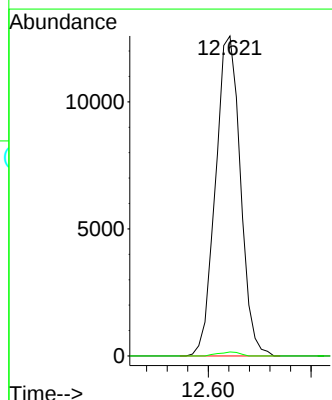
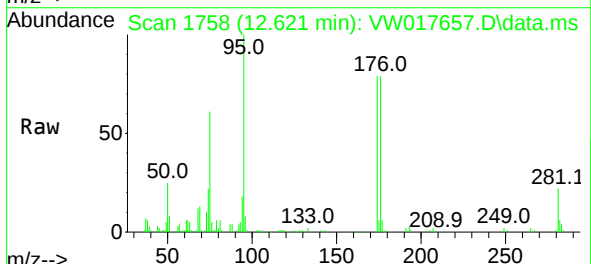
Instrument :
MSVOA_W
ClientSampleId :

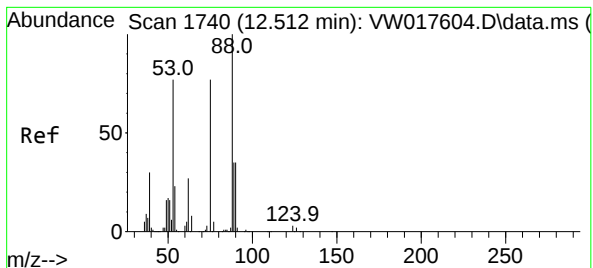
Tgt Ion:152 Resp: 35801
Ion Ratio Lower Upper
152 100
115 60.4 27.9 83.7
150 157.7 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 61.40 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017657.D
Acq: 16 Dec 2020 12:41

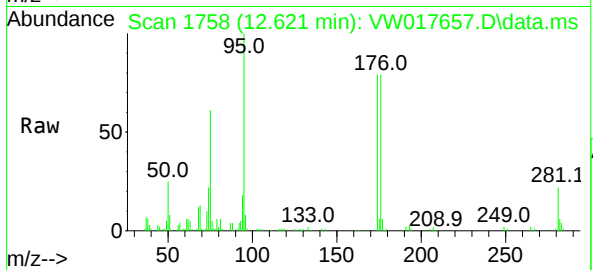
Tgt Ion: 75 Resp: 21161
Ion Ratio Lower Upper
75 100
77 1.1 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 124.41 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.109 min
 Lab File: VW017657.D
 Acq: 16 Dec 2020 12:41

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#

