

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
 Data File : VW017617.D
 Acq On : 14 Dec 2020 17:51
 Operator : SY/VA
 Sample : L4989-01RE
 Misc : 5.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 15 03:28:34 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)

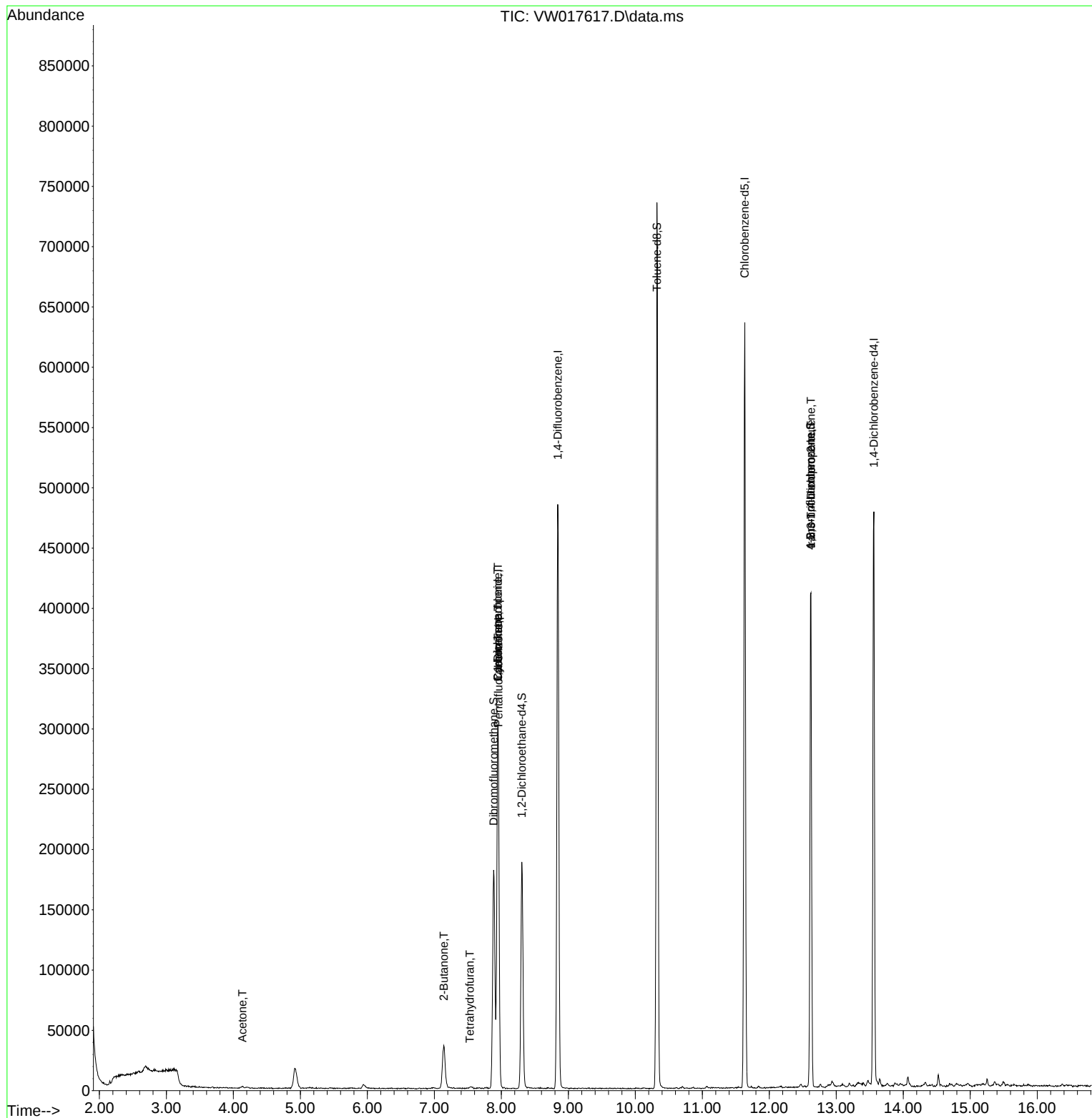
Internal Standards						
1) Pentafluorobenzene	7.958	168	218210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	393046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	323754	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	118276	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	147937	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.885	113	127766	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.24%	
50) Toluene-d8	10.323	98	464145	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
62) 4-Bromofluorobenzene	12.615	95	135913	37.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.18%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.135	59	426	Below Cal	#	82
16) Acetone	4.135	43	2136	3.69	ug/l	97
20) Methylene Chloride	4.928	84	12993	Below Cal	#	81
25) 2-Butanone	7.141	43	2615	3.40	ug/l	# 59
26) 2,2-Dichloropropane	7.147	77	2909	Below Cal	#	50
29) Tetrahydrofuran	7.531	42	1955	4.51	ug/l	# 72
31) Cyclohexane	7.952	56	6295	1.37	ug/l	# 42
36) 1,1-Dichloropropene	7.945	75	20158	4.90	ug/l	# 48
38) Carbon Tetrachloride	7.952	117	24302	5.88	ug/l	# 12
76) 1,2,3-Trichloropropane	12.621	75	77860	68.38	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	77860	138.55	ug/l	# 11

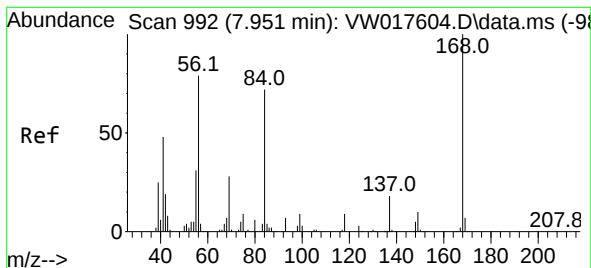
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121420\
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Quant Time: Dec 15 03:28:34 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

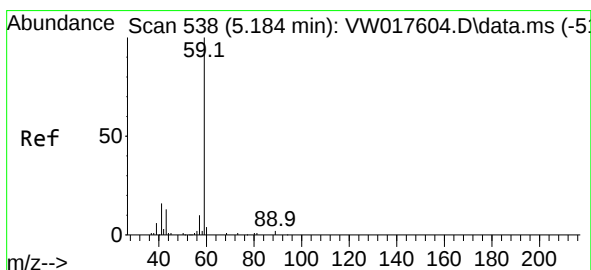
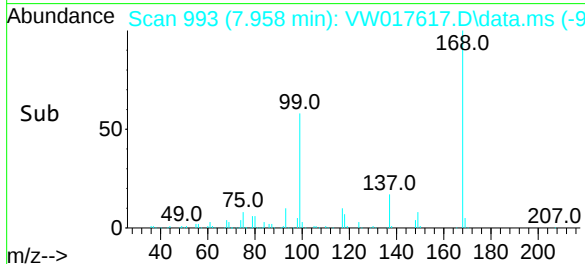
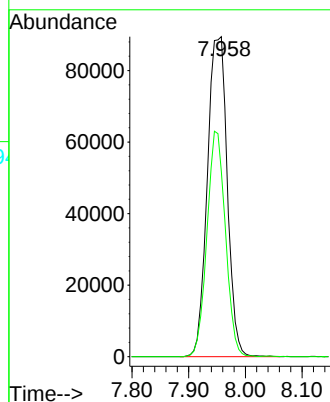
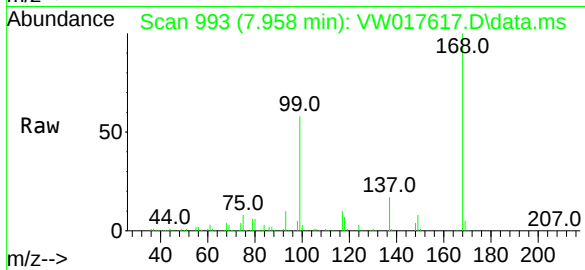




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.007 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

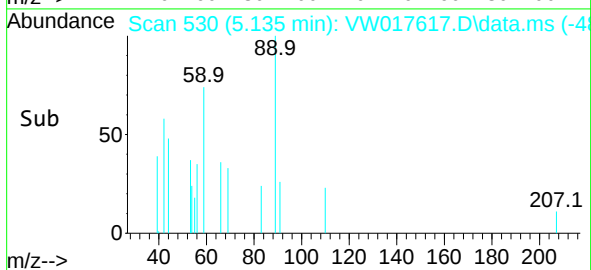
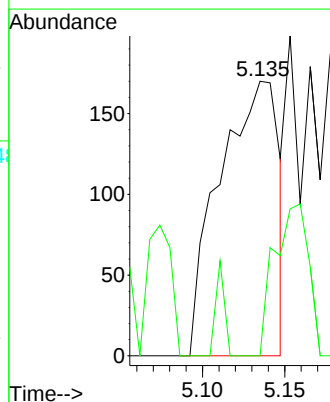
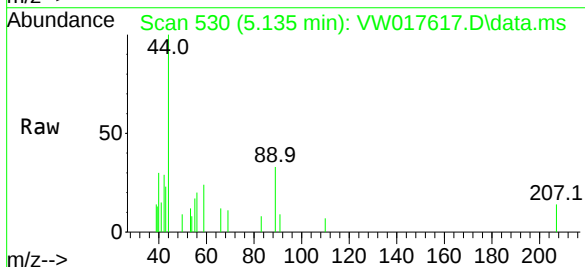
Instrument :
MSVOA_W
ClientSampleId :

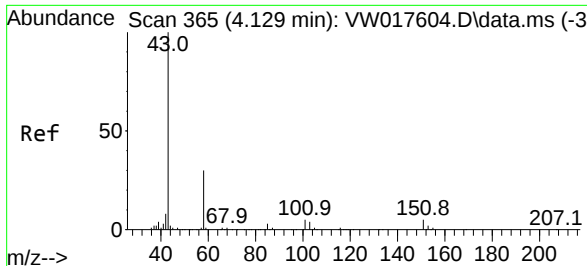
Tgt Ion:168 Resp: 218210
Ion Ratio Lower Upper
168 100
99 57.9 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.135 min Scan# 530
Delta R.T. -0.049 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Tgt Ion: 59 Resp: 426
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

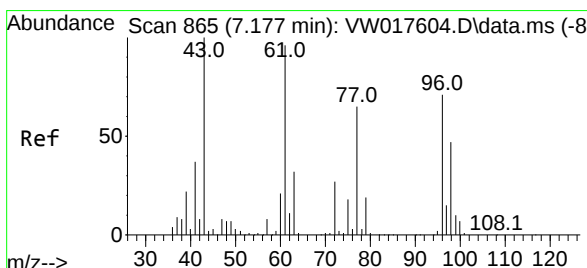
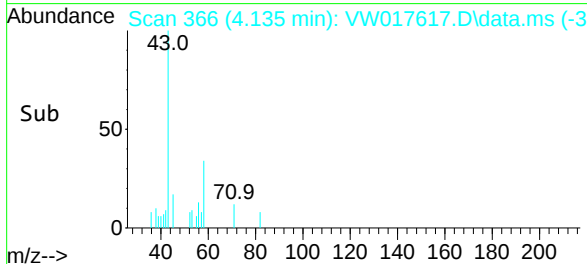
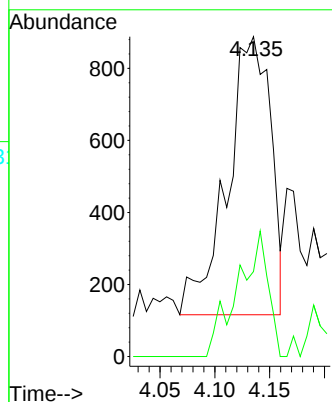
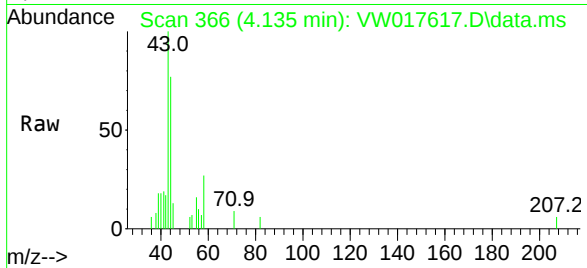




#16
Acetone
Concen: 3.69 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

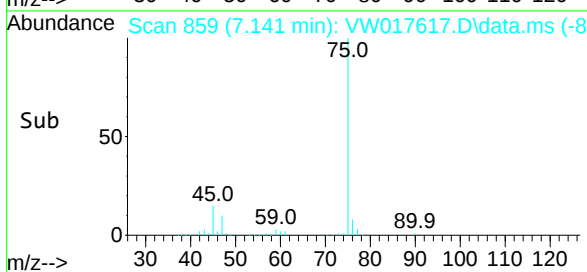
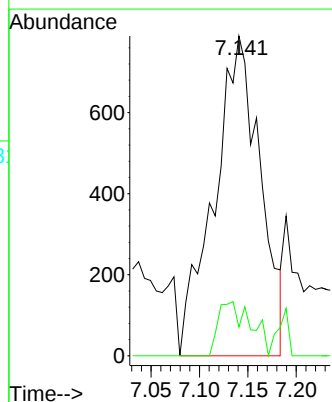
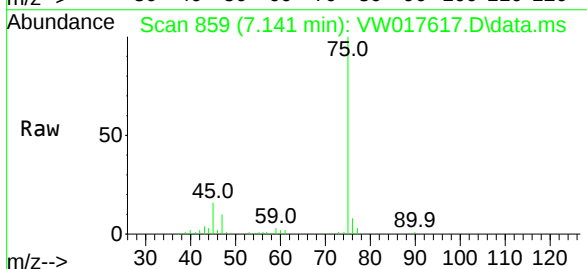
Instrument :
MSVOA_W
ClientSampleId :

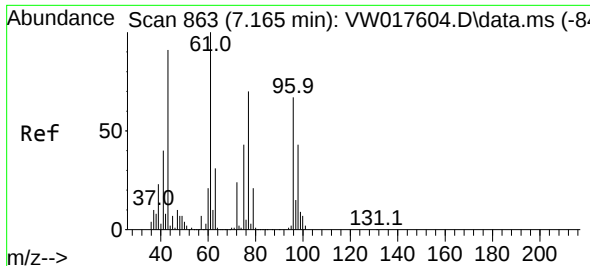
Tgt Ion: 43 Resp: 2136
Ion Ratio Lower Upper
43 100
58 30.6 25.7 38.5



#25
2-Butanone
Concen: 3.40 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Tgt Ion: 43 Resp: 2615
Ion Ratio Lower Upper
43 100
72 9.0 25.4 38.2#

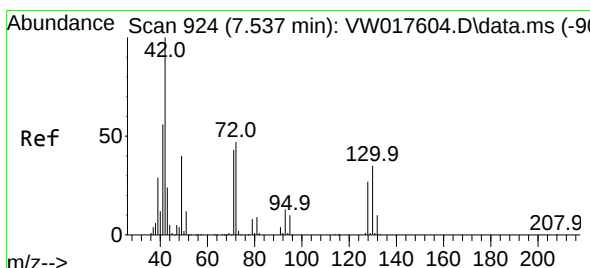
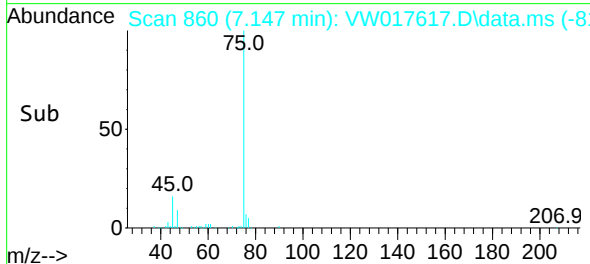
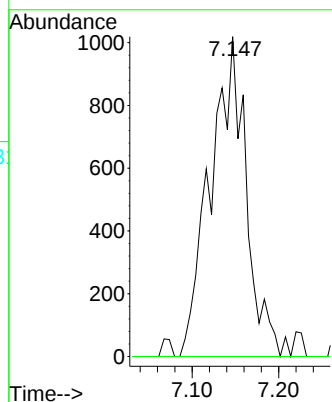
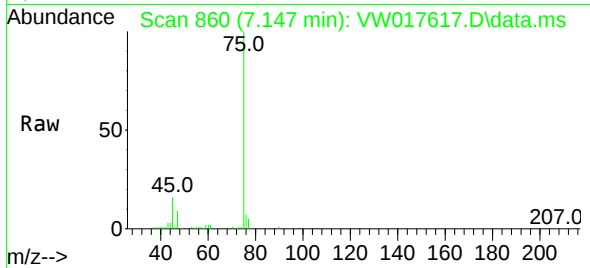




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

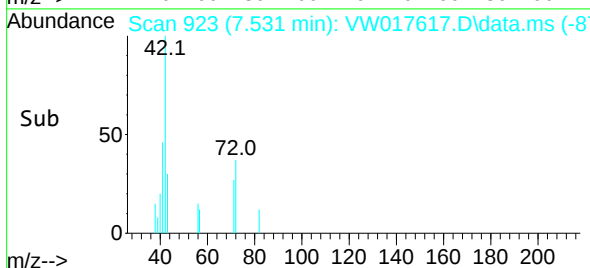
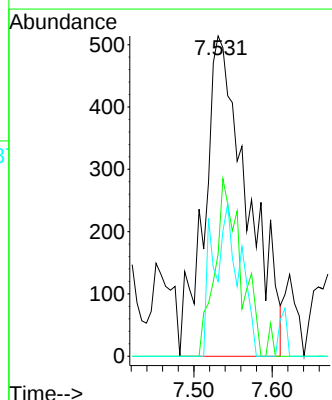
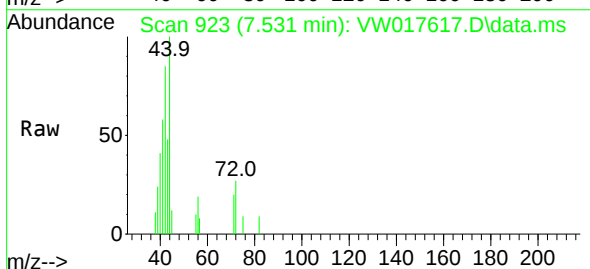
Instrument :
MSVOA_W
ClientSampled :

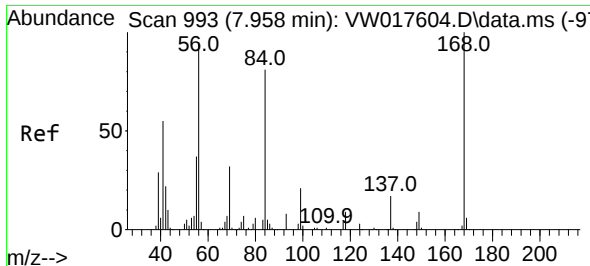
Tgt Ion: 77 Resp: 2909
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#29
Tetrahydrofuran
Concen: 4.51 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Tgt Ion: 42 Resp: 1955
Ion Ratio Lower Upper
42 100
72 33.4 42.0 63.0#
71 29.2 39.0 58.6#

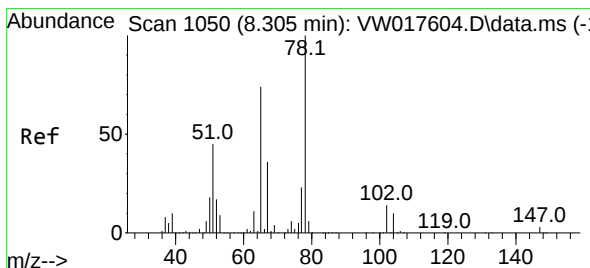
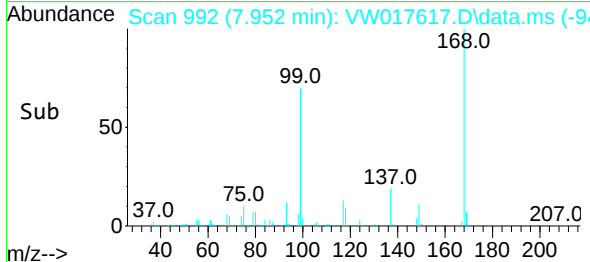
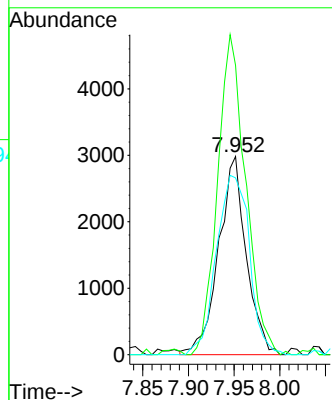
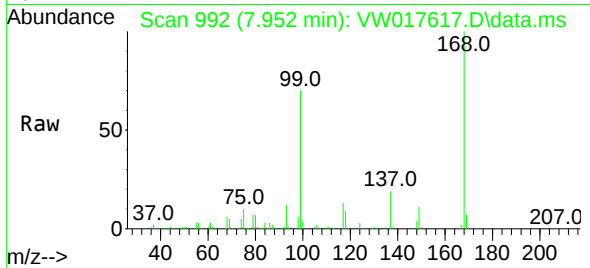




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

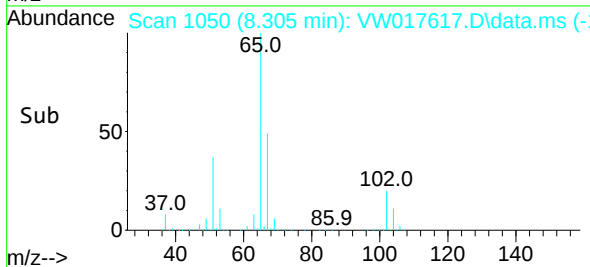
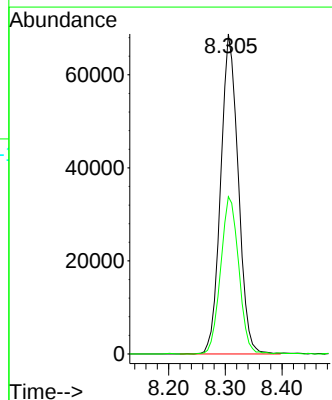
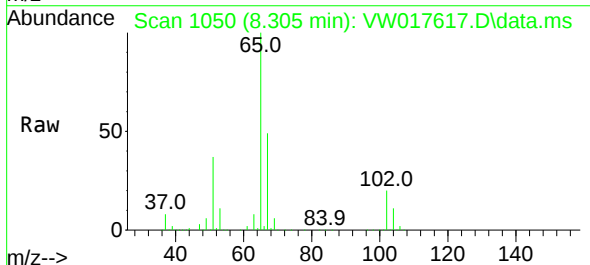
Instrument :
MSVOA_W
ClientSampleId :

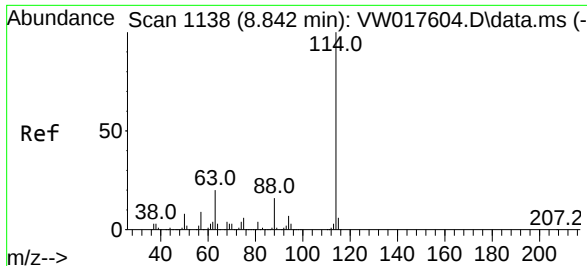
Tgt Ion: 56 Resp: 6295
Ion Ratio Lower Upper
56 100
69 145.9 29.3 43.9#
84 89.2 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 55.66 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

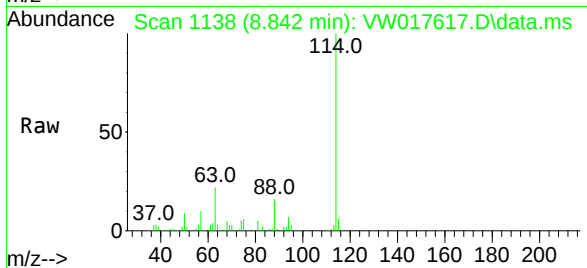
Tgt Ion: 65 Resp: 147937
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.8



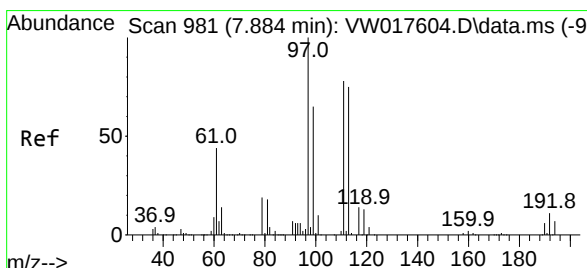
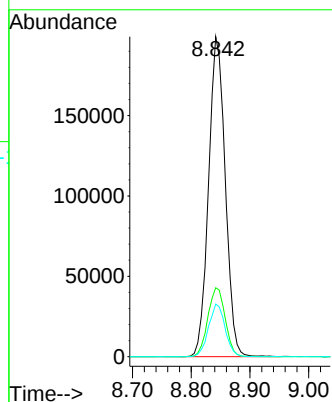
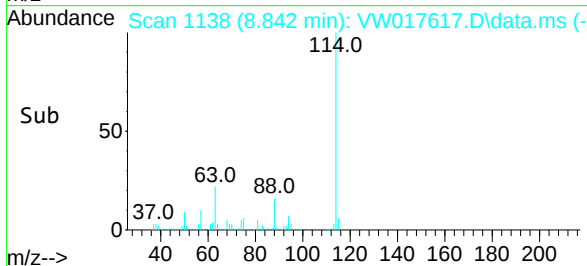


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

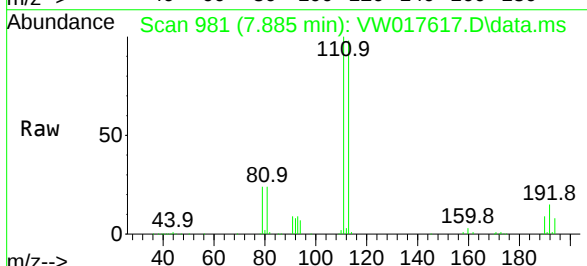
Instrument :
MSVOA_W
ClientSampleId :



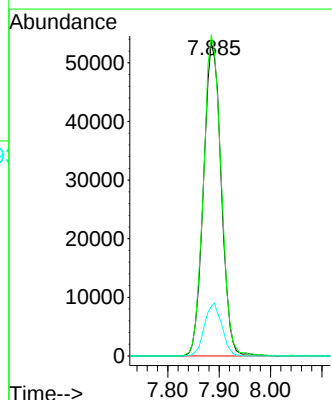
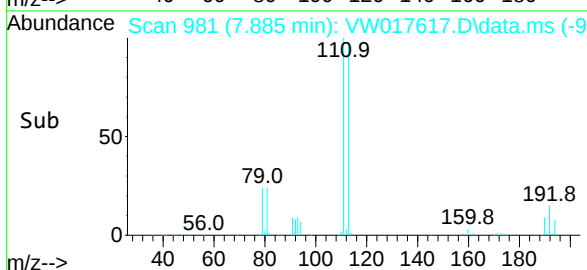
Tgt Ion:114 Resp: 393046
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.6
88 16.5 0.0 30.4

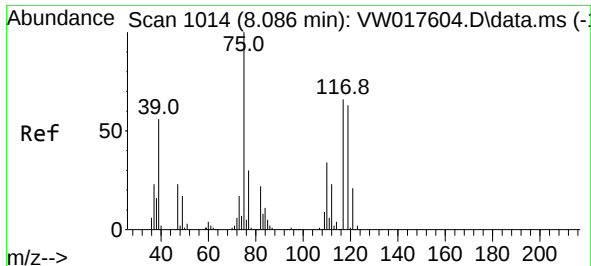


#35
Dibromofluoromethane
Concen: 49.12 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51



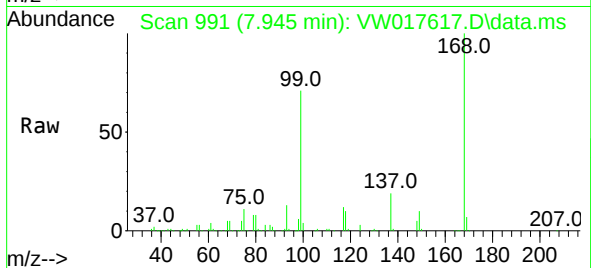
Tgt Ion:113 Resp: 127766
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 16.5 17.8 26.8#



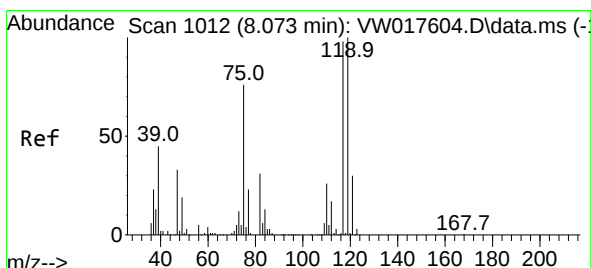
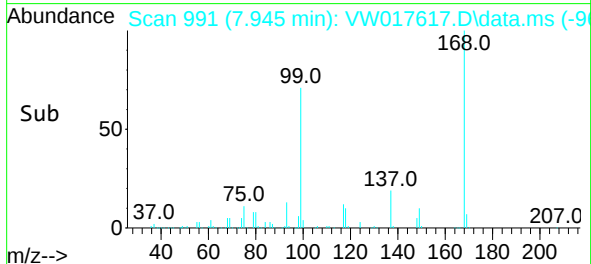
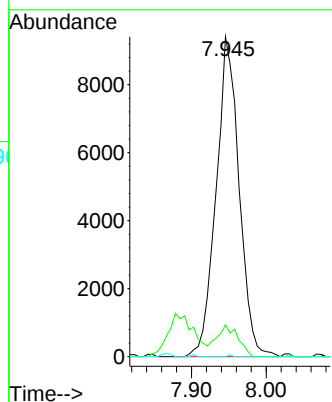


#36
1,1-Dichloropropene
Concen: 4.90 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Instrument :
MSVOA_W
ClientSampleId :

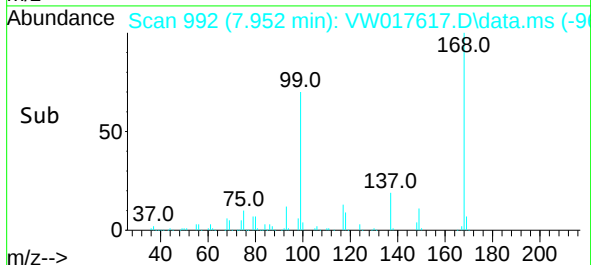
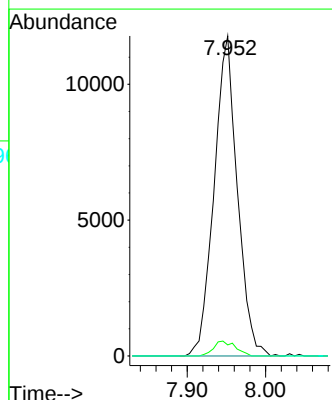
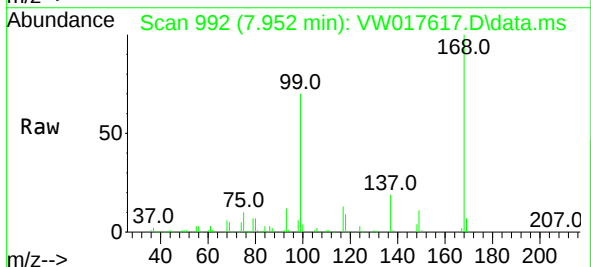


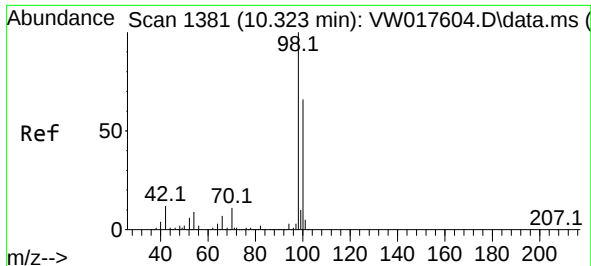
Tgt Ion: 75 Resp: 20158
Ion Ratio Lower Upper
75 100
110 9.3 19.3 57.9#
77 0.1 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.121 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Tgt Ion: 117 Resp: 24302
Ion Ratio Lower Upper
117 100
119 3.5 81.6 122.4#
121 0.0 25.7 38.5#

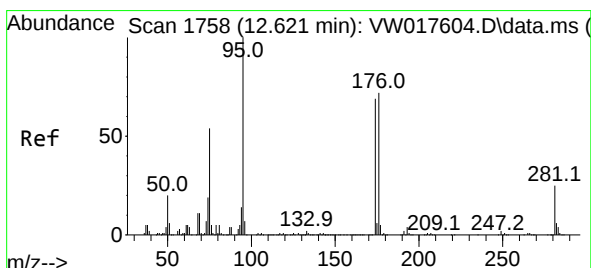
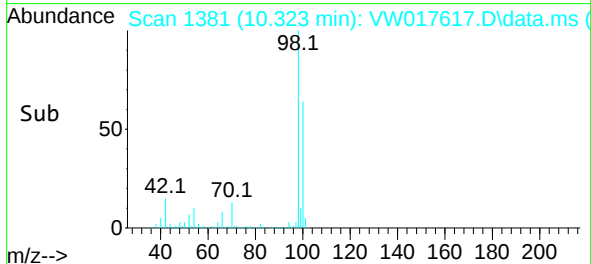
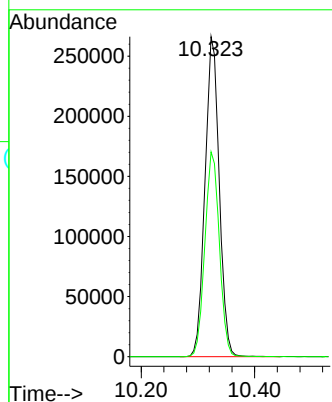
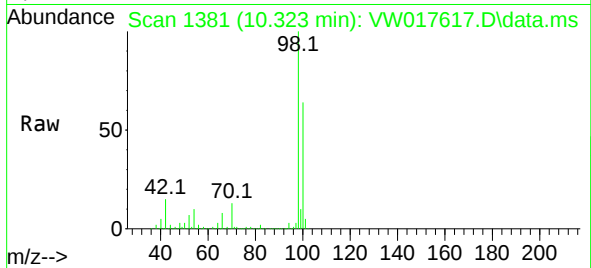




#50
Toluene-d8
Concen: 45.83 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

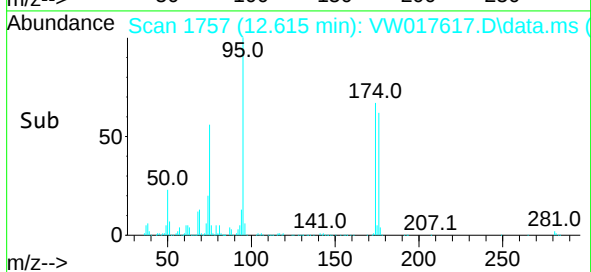
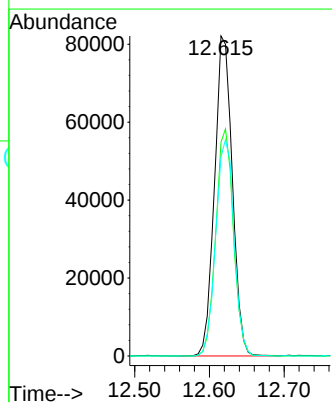
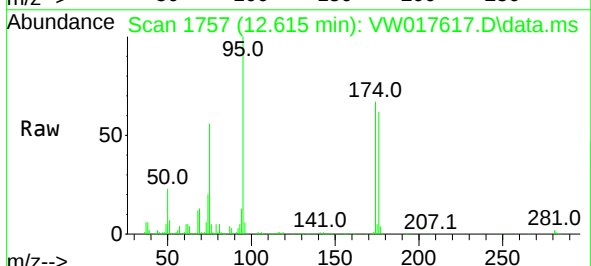
Instrument :
MSVOA_W
ClientSampled :

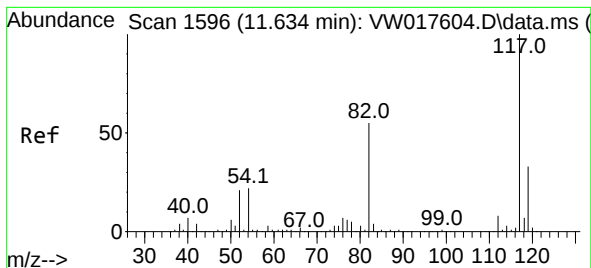
Tgt Ion: 98 Resp: 464145
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 37.59 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Tgt Ion: 95 Resp: 135913
Ion Ratio Lower Upper
95 100
174 70.3 0.0 180.6
176 69.4 0.0 177.6

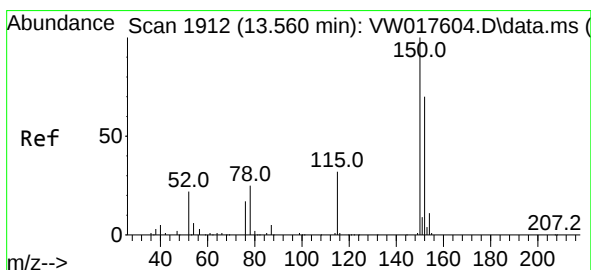
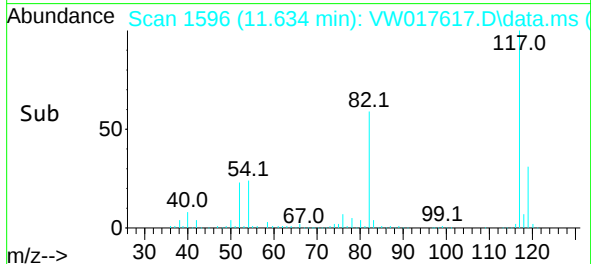
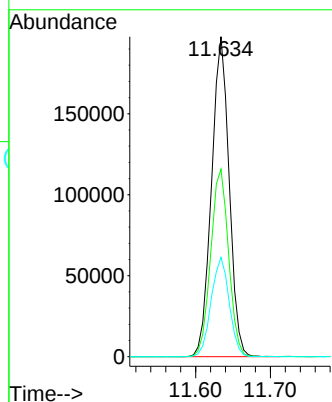
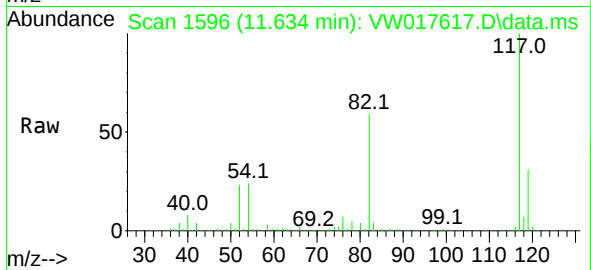




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

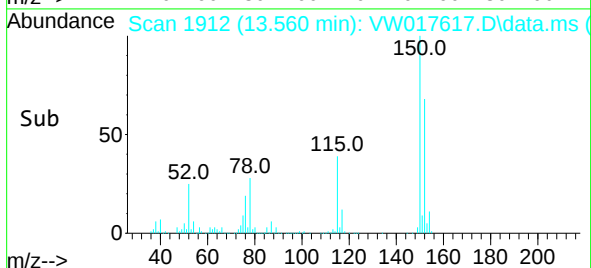
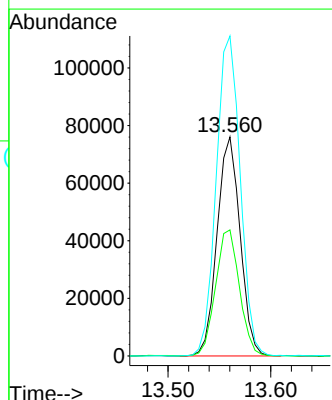
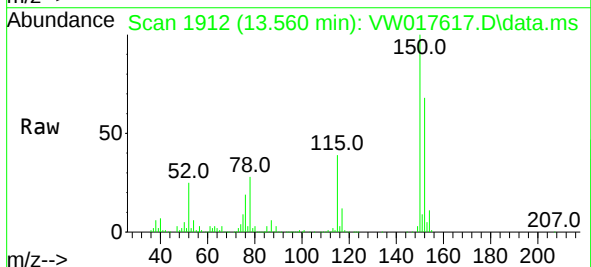
Instrument :
MSVOA_W
ClientSampleId :

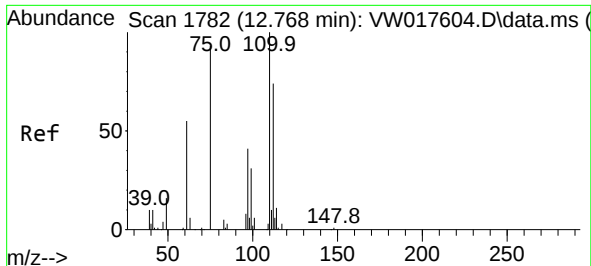
Tgt Ion:117 Resp: 323754
Ion Ratio Lower Upper
117 100
82 58.6 40.7 61.1
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Tgt Ion:152 Resp: 118276
Ion Ratio Lower Upper
152 100
115 59.8 27.9 83.7
150 152.6 0.0 344.0

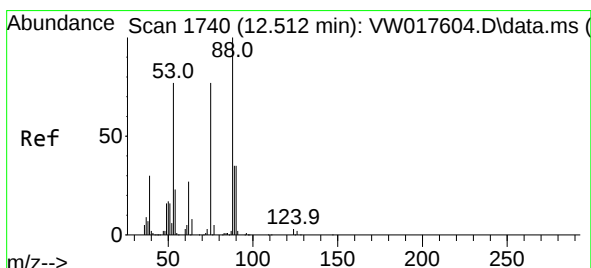
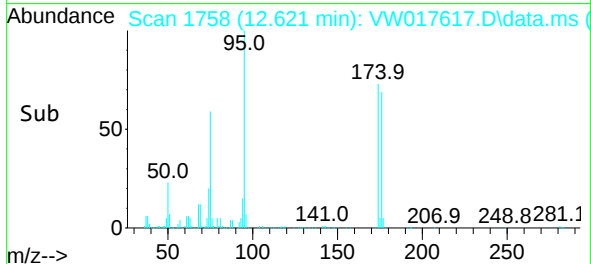
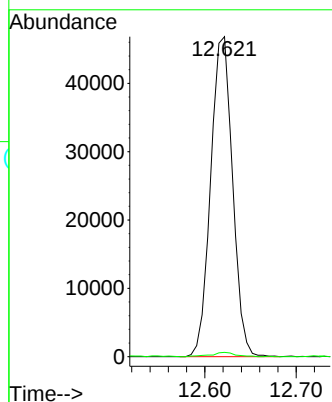
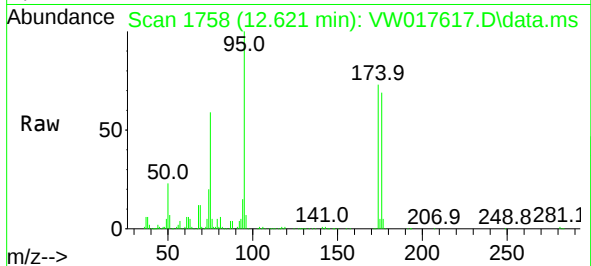




#76
1,2,3-Trichloropropane
Concen: 68.38 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 77860
Ion Ratio Lower Upper
75 100
77 1.5 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.55 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017617.D
Acq: 14 Dec 2020 17:51

Tgt Ion: 75 Resp: 77860
Ion Ratio Lower Upper
75 100
53 0.3 77.0 115.4#
89 0.0 38.7 58.1#

