

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121620\
 Data File : VW017651.D
 Acq On : 16 Dec 2020 10:03
 Operator : SY/VA
 Sample : VW1216SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 17 05:04:10 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)

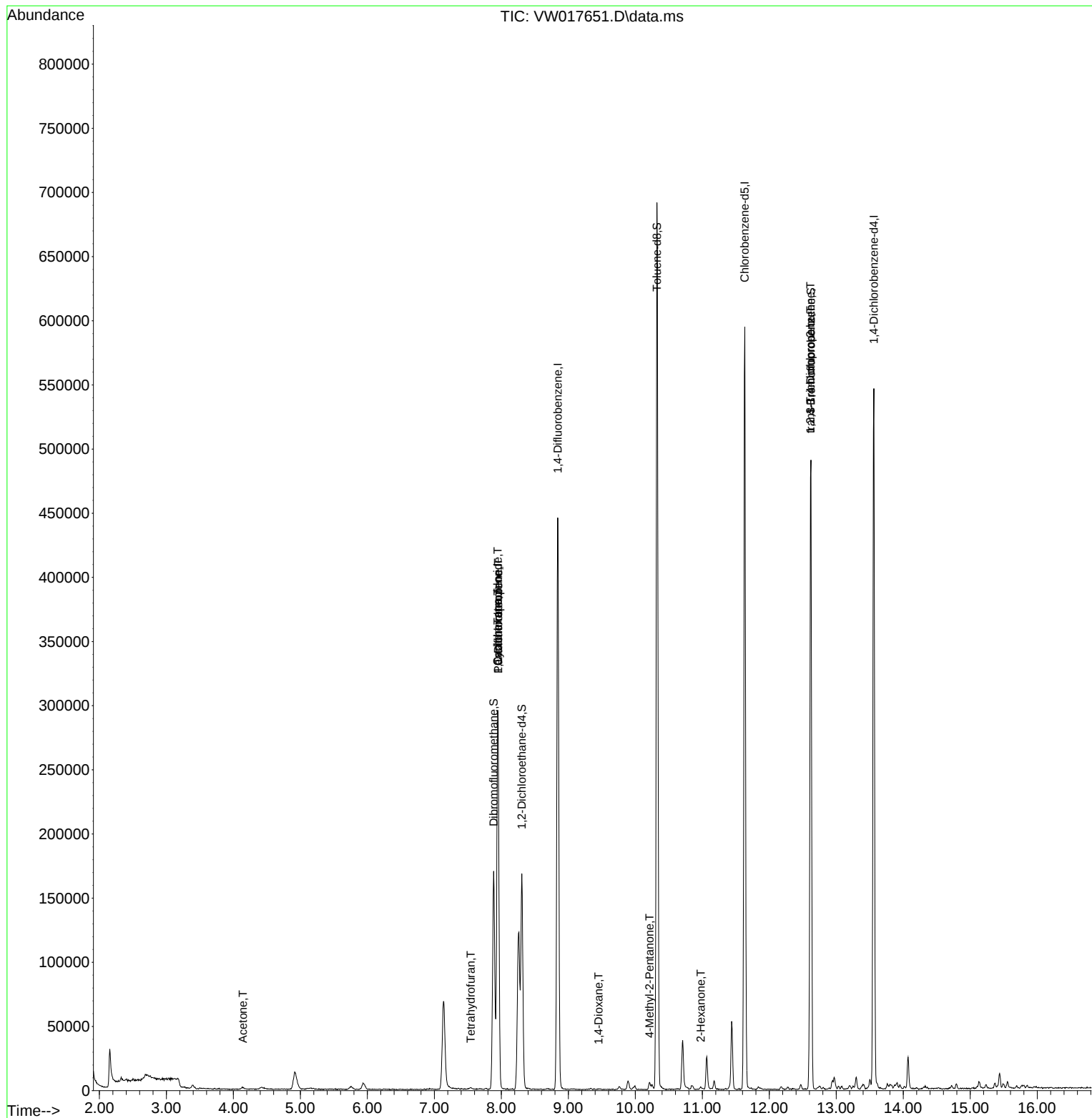
Internal Standards						
1) Pentafluorobenzene	7.952	168	212077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	370145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	304926	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	132586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	128198	49.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.24%	
35) Dibromofluoromethane	7.885	113	114339	46.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.36%	
50) Toluene-d8	10.323	98	447288	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
62) 4-Bromofluorobenzene	12.621	95	140182	41.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.34%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.196	59	834	Below Cal	#	95
16) Acetone	4.141	43	3052	5.43	ug/l	90
20) Methylene Chloride	4.916	84	10111	Below Cal	#	69
26) 2,2-Dichloropropane	7.135	77	4779	Below Cal	#	50
29) Tetrahydrofuran	7.543	42	1068	2.54	ug/l	# 62
31) Cyclohexane	7.945	56	6109	1.37	ug/l	# 48
36) 1,1-Dichloropropene	7.952	75	19423	5.01	ug/l	# 48
38) Carbon Tetrachloride	7.945	117	22958	5.89	ug/l	# 13
49) 1,4-Dioxane	9.451	88	47	2.68	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.213	43	4782	3.16	ug/l	89
59) 2-Hexanone	10.975	43	1736	1.72	ug/l	87
76) 1,2,3-Trichloropropane	12.615	75	80683	63.22	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	80683	128.08	ug/l	# 11

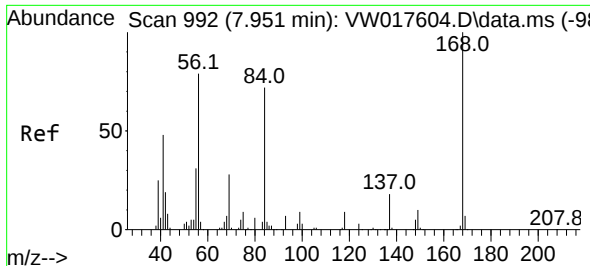
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 17 05:04:10 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

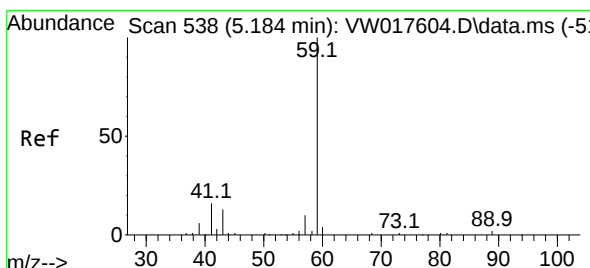
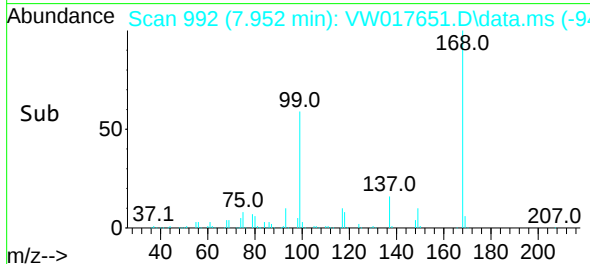
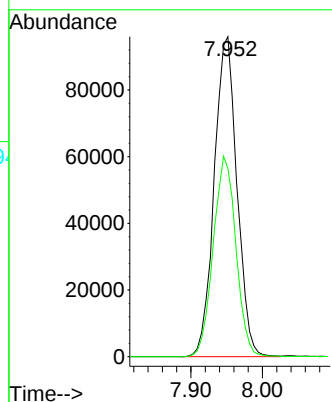
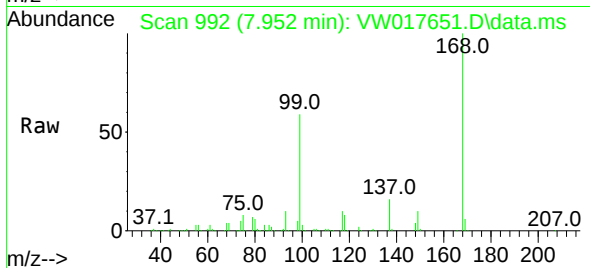




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

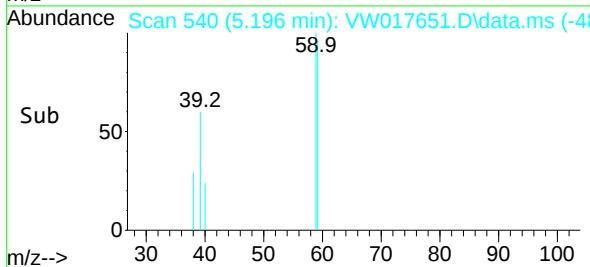
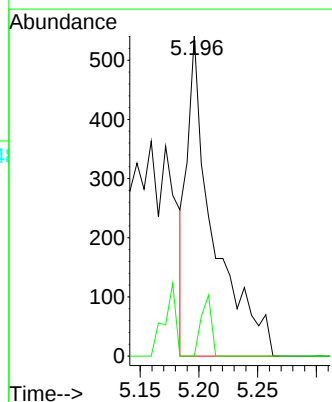
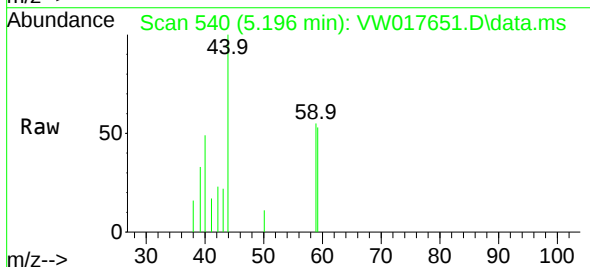
Instrument :
MSVOA_W
ClientSampleId :

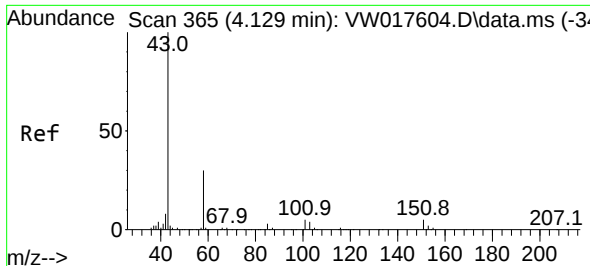
Tgt Ion:168 Resp: 212077
Ion Ratio Lower Upper
168 100
99 58.8 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.196 min Scan# 540
Delta R.T. 0.012 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

Tgt Ion: 59 Resp: 834
Ion Ratio Lower Upper
59 100
57 7.4 4.7 7.1#

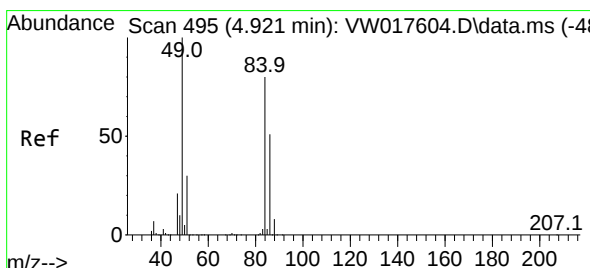
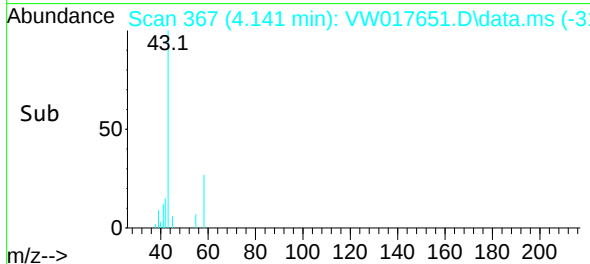
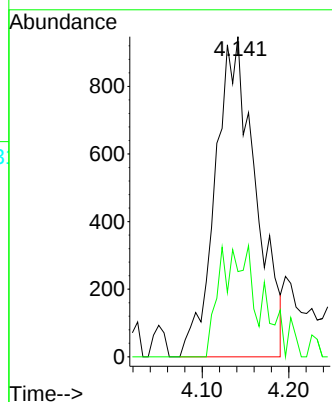
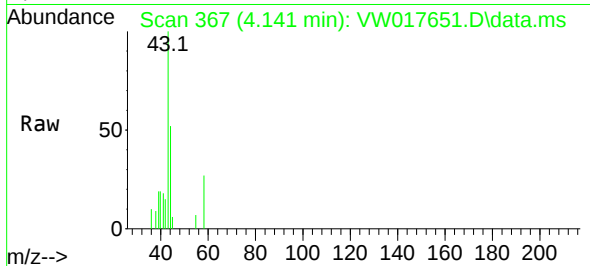




#16
Acetone
Concen: 5.43 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

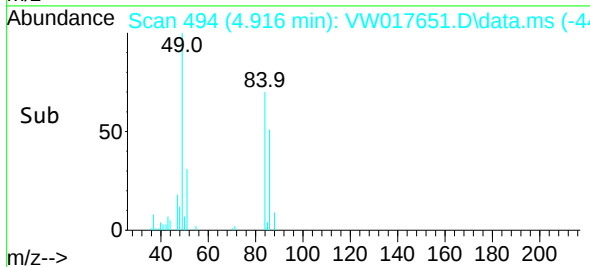
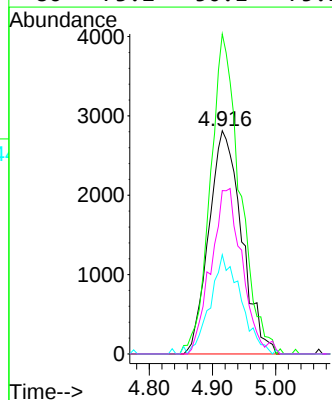
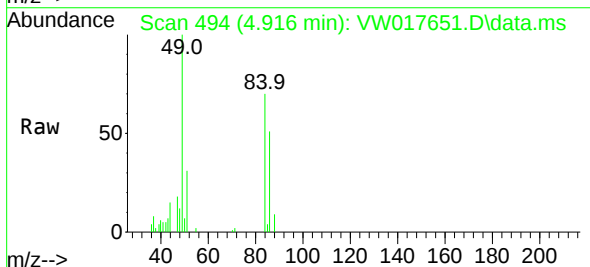
Instrument :
MSVOA_W
ClientSampled :

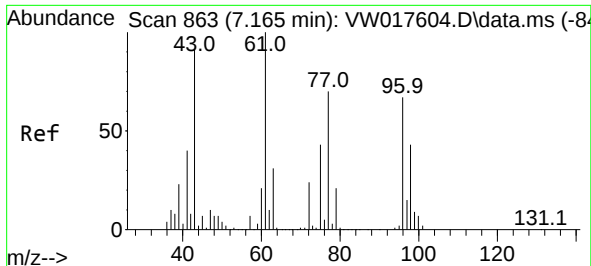
Tgt Ion: 43 Resp: 3052
Ion Ratio Lower Upper
43 100
58 26.6 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.916 min Scan# 494
Delta R.T. -0.005 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

Tgt Ion: 84 Resp: 10111
Ion Ratio Lower Upper
84 100
49 143.4 79.0 118.6#
51 44.4 26.1 39.1#
86 73.2 50.1 75.1

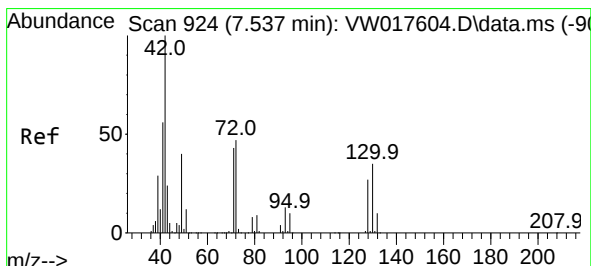
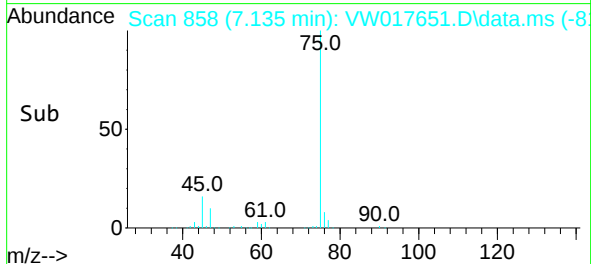
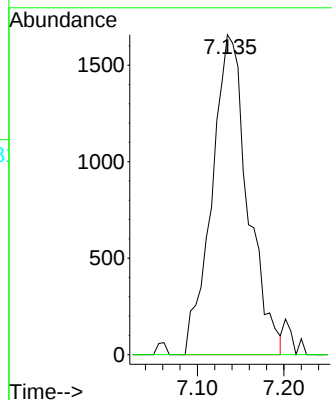
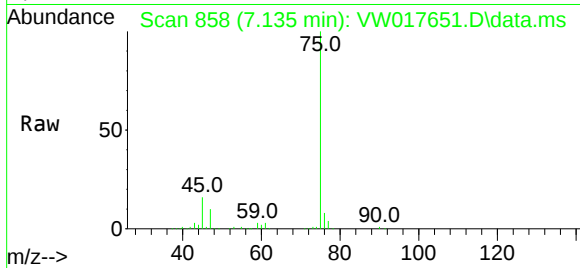




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

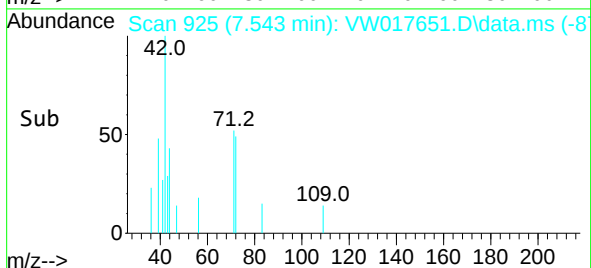
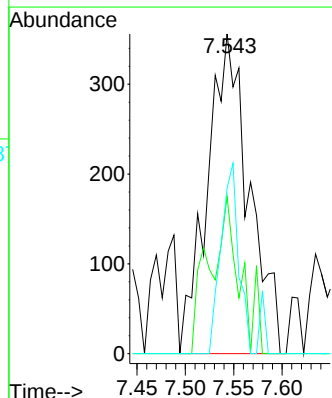
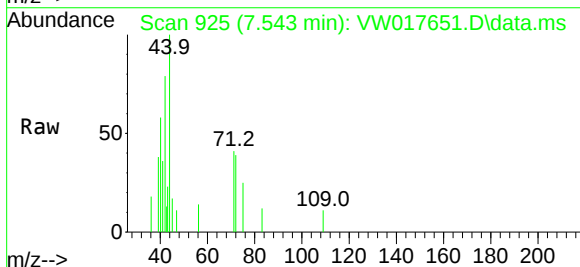
Instrument :
MSVOA_W
ClientSampled :

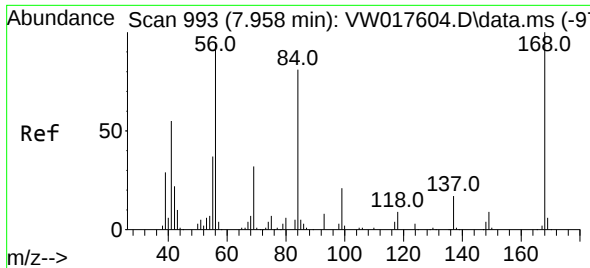
Tgt Ion: 77 Resp: 4779
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#29
Tetrahydrofuran
Concen: 2.54 ug/l
RT: 7.543 min Scan# 925
Delta R.T. 0.006 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

Tgt Ion: 42 Resp: 1068
Ion Ratio Lower Upper
42 100
72 22.8 42.0 63.0#
71 25.3 39.0 58.6#

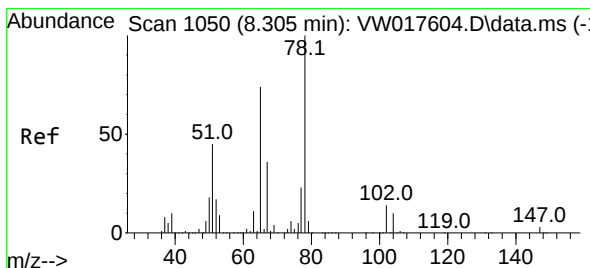
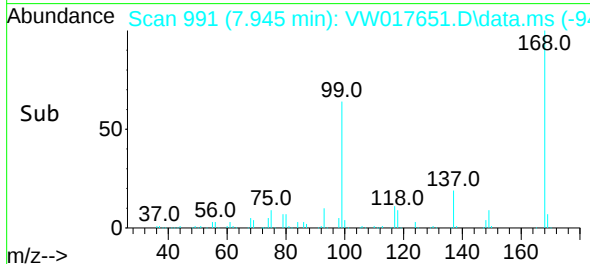
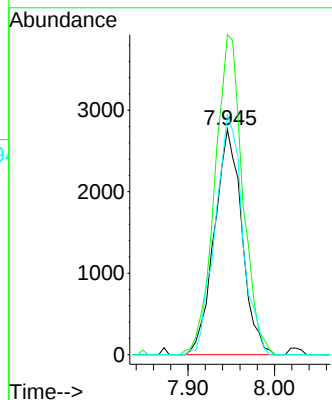
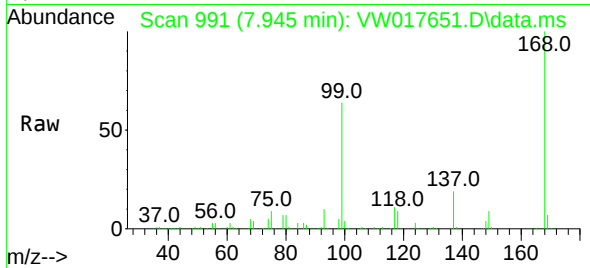




#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

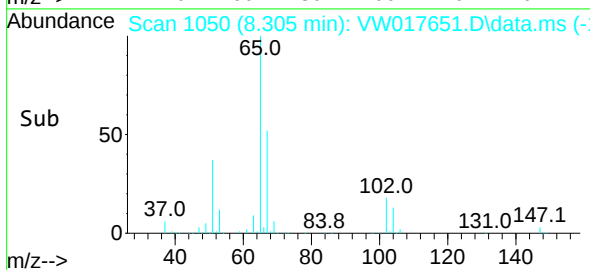
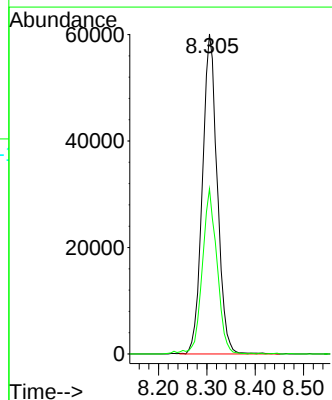
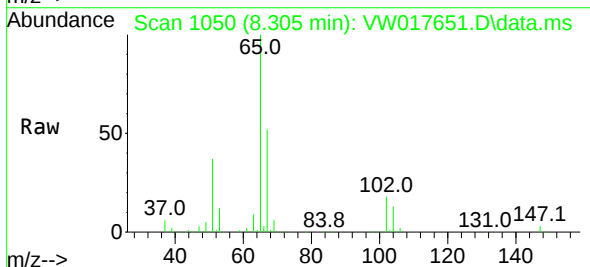
Instrument :
MSVOA_W
ClientSampleId :

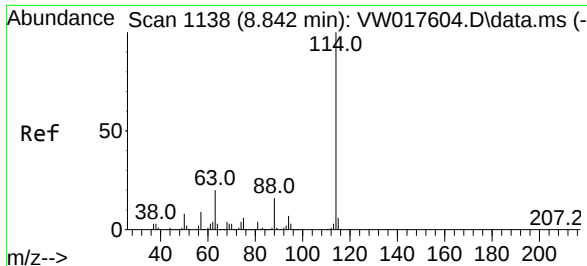
Tgt Ion: 56 Resp: 6109
Ion Ratio Lower Upper
56 100
69 142.1 29.3 43.9#
84 106.5 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 49.62 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

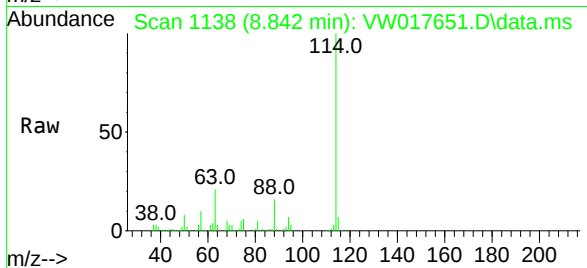
Tgt Ion: 65 Resp: 128198
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8



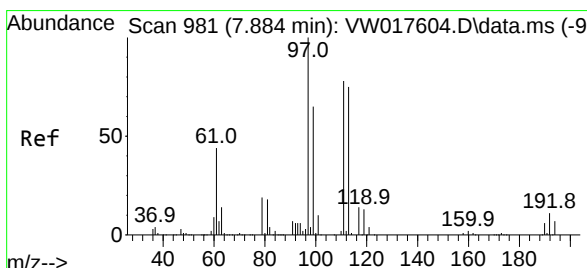
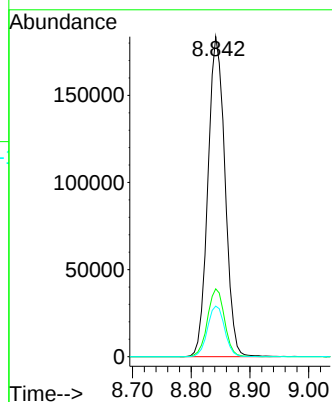
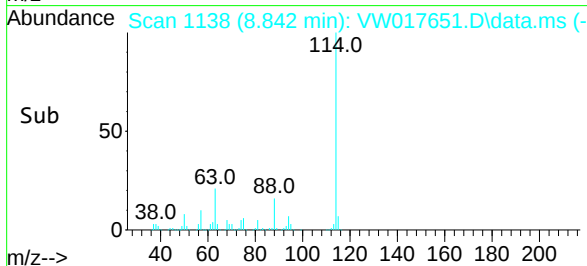


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

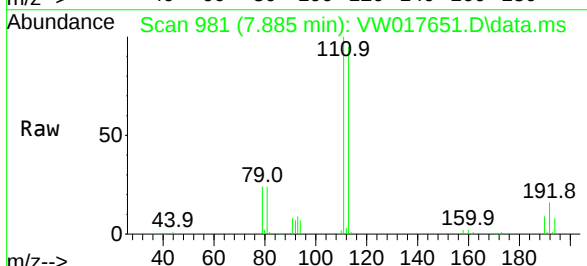
Instrument :
MSVOA_W
ClientSampleId :



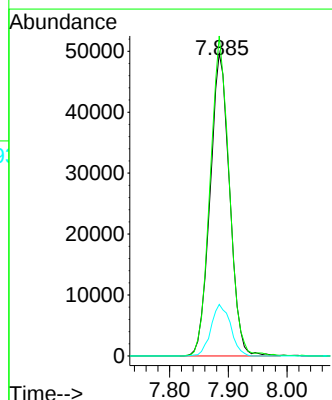
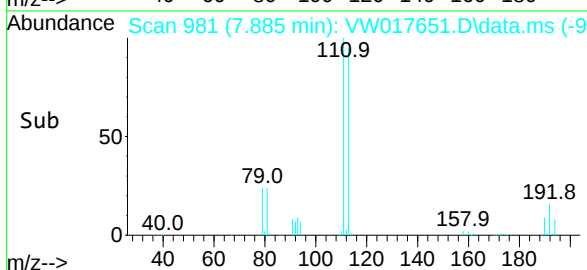
Tgt Ion:114 Resp: 370145
Ion Ratio Lower Upper
114 100
63 21.2 0.0 35.6
88 15.8 0.0 30.4

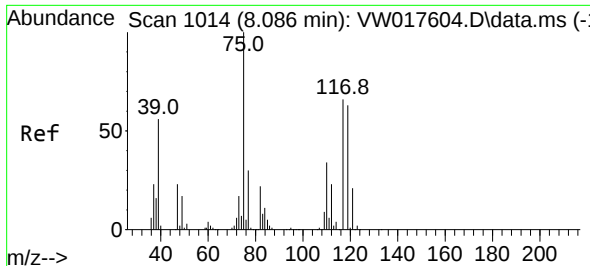


#35
Dibromofluoromethane
Concen: 46.68 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03



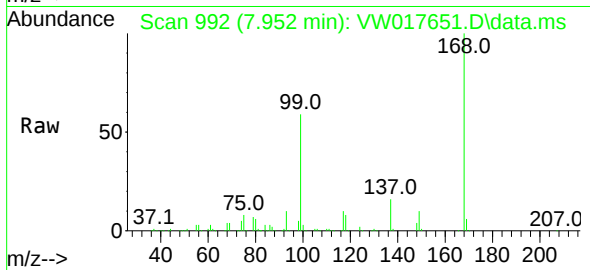
Tgt Ion:113 Resp: 114339
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.2
192 17.1 17.8 26.8#



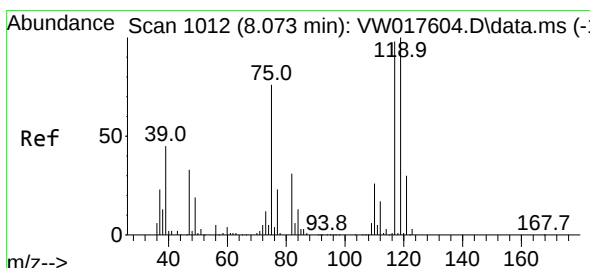
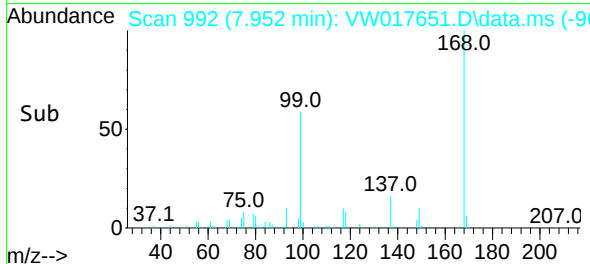
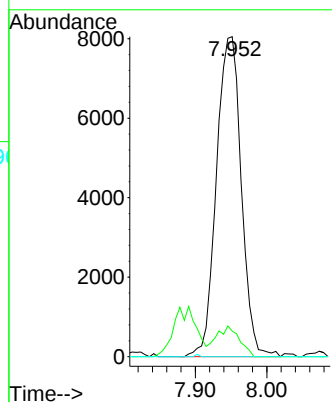


#36
1,1-Dichloropropene
Concen: 5.01 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

Instrument :
MSVOA_W
ClientSampleId :

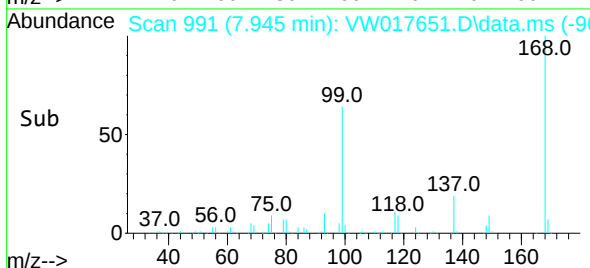
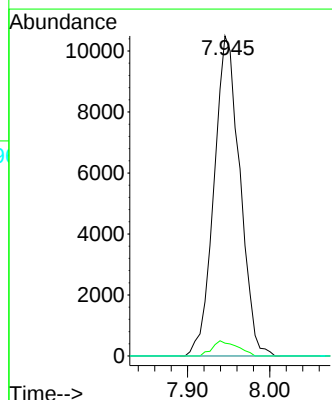
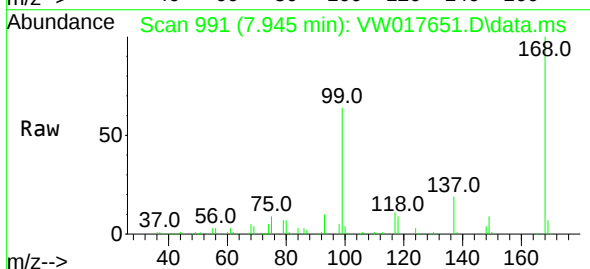


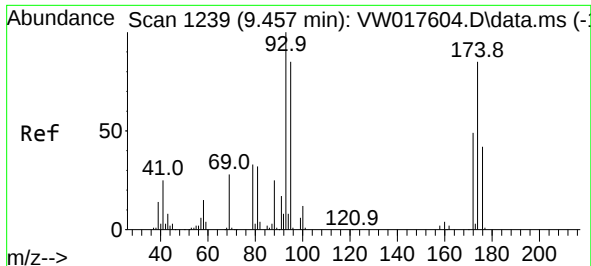
Tgt Ion: 75 Resp: 19423
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

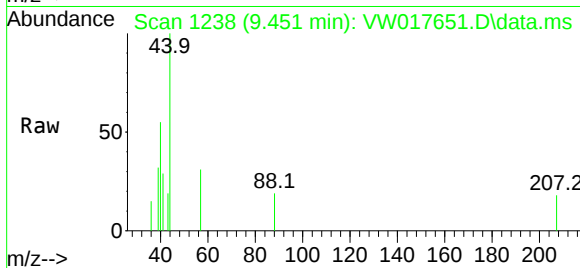
Tgt Ion: 117 Resp: 22958
Ion Ratio Lower Upper
117 100
119 4.0 81.6 122.4#
121 0.0 25.7 38.5#



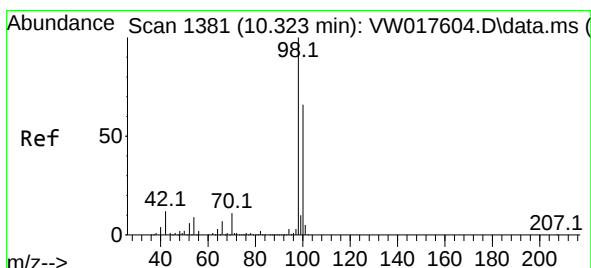
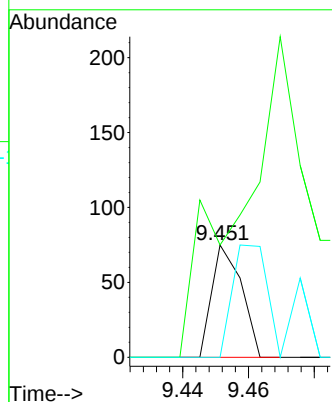
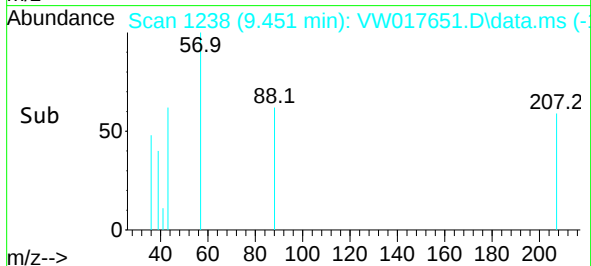


#49
1,4-Dioxane
Concen: 2.68 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.006 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

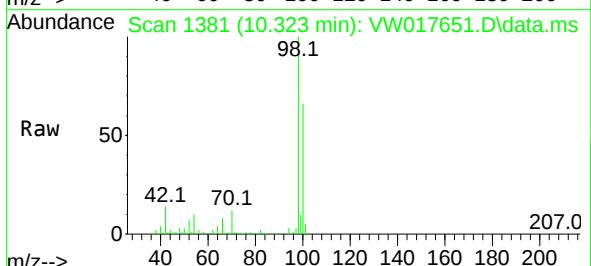
Instrument :
MSVOA_W
ClientSampled :



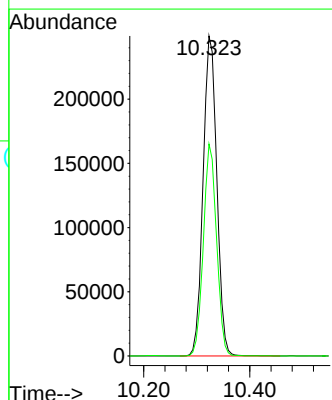
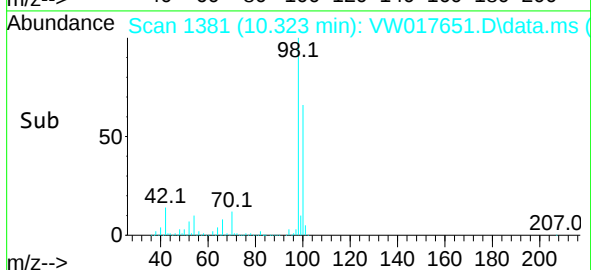
Tgt Ion: 88 Resp: 47
Ion Ratio Lower Upper
88 100
43 846.8 0.0 0.0#
58 157.4 54.0 81.0#

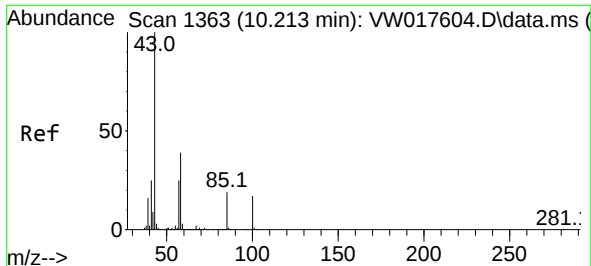


#50
Toluene-d8
Concen: 46.90 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03



Tgt Ion: 98 Resp: 447288
Ion Ratio Lower Upper
98 100
100 63.8 53.3 79.9

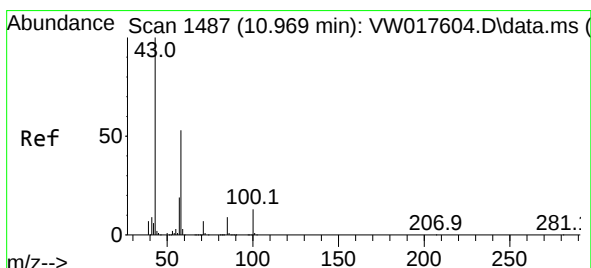
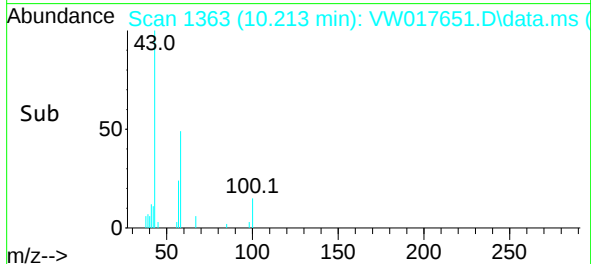
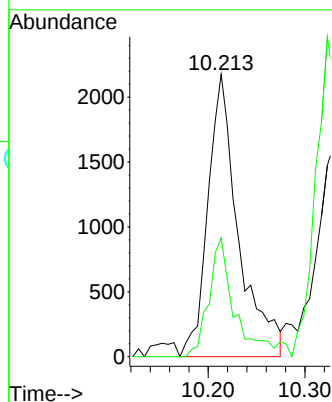
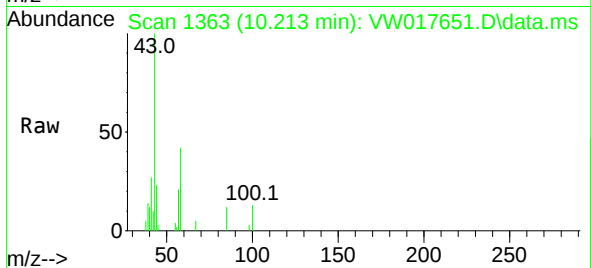




#51
4-Methyl-2-Pentanone
Concen: 3.16 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

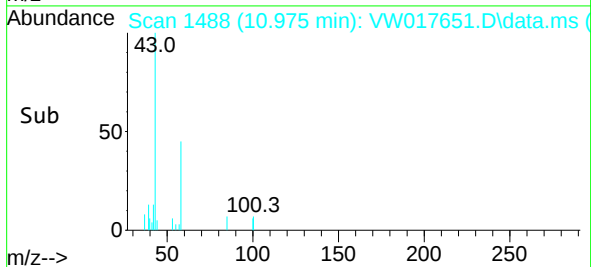
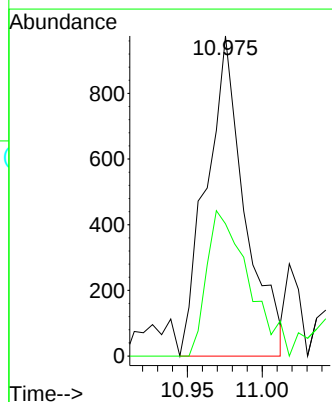
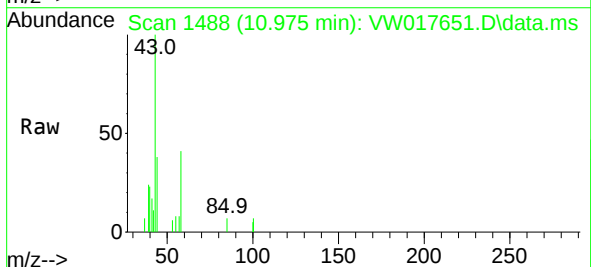
Instrument :
MSVOA_W
ClientSampled :

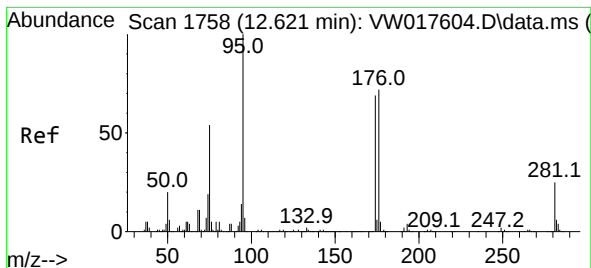
Tgt Ion: 43 Resp: 4782
Ion Ratio Lower Upper
43 100
58 36.4 34.7 52.1



#59
2-Hexanone
Concen: 1.72 ug/l
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

Tgt Ion: 43 Resp: 1736
Ion Ratio Lower Upper
43 100
58 49.5 29.5 88.5

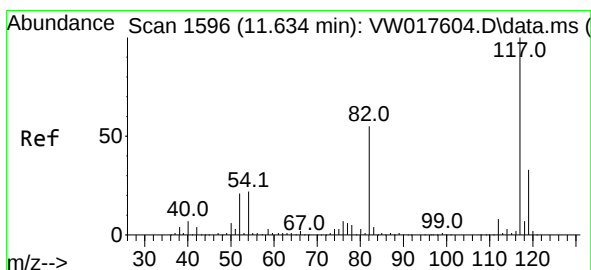
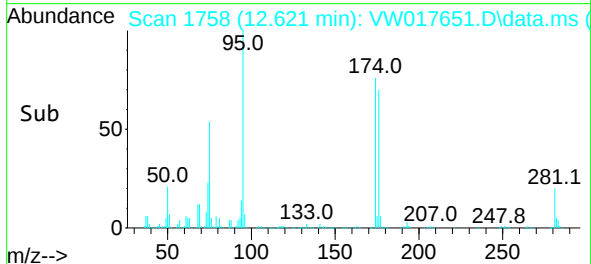
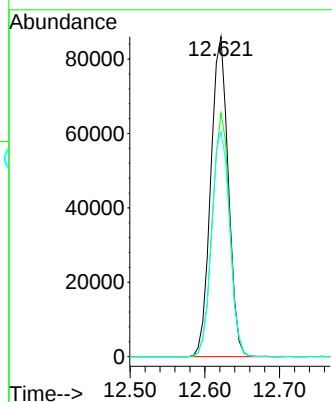
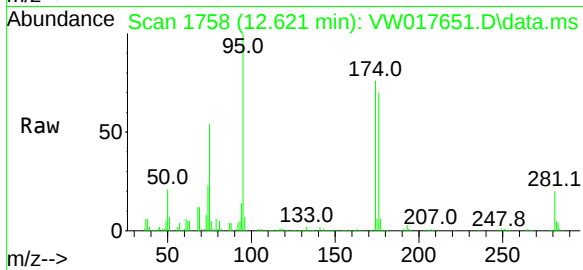




#62
4-Bromofluorobenzene
Concen: 41.17 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

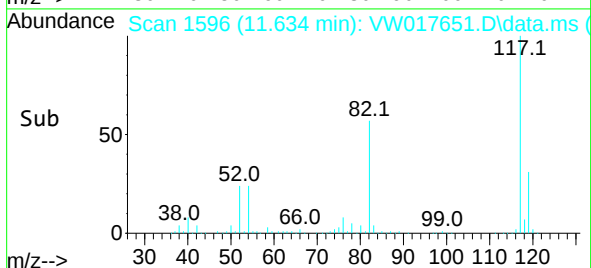
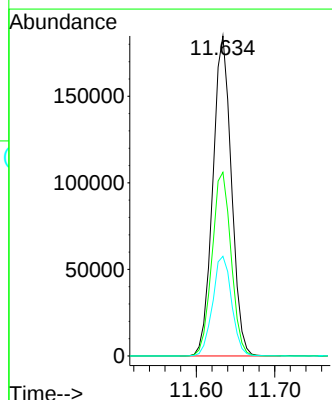
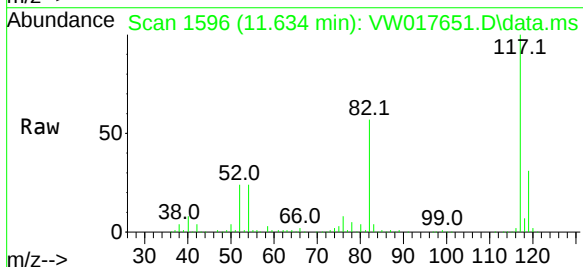
Instrument :
MSVOA_W
ClientSampleId :

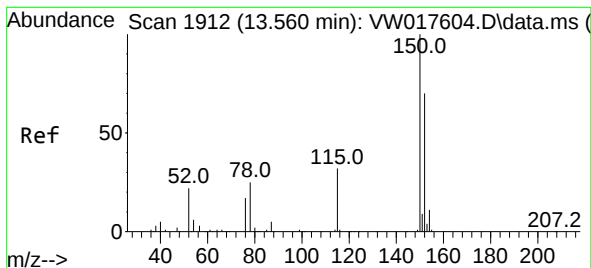
Tgt Ion: 95 Resp: 140182
Ion Ratio Lower Upper
95 100
174 75.4 0.0 180.6
176 72.5 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

Tgt Ion: 117 Resp: 304926
Ion Ratio Lower Upper
117 100
82 57.4 40.7 61.1
119 31.2 25.0 37.4

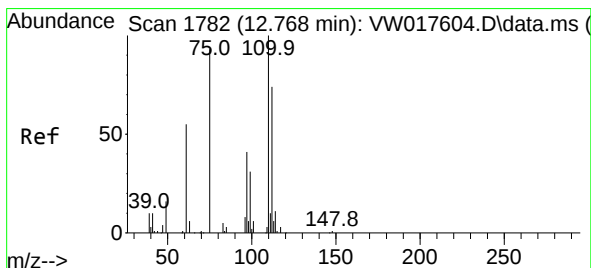
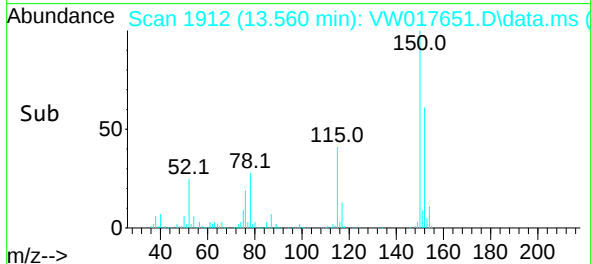
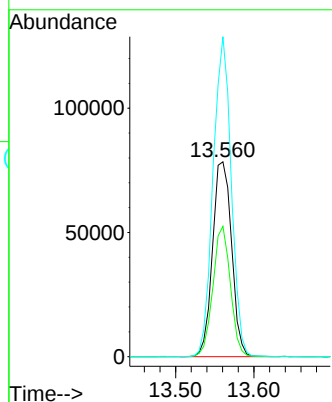
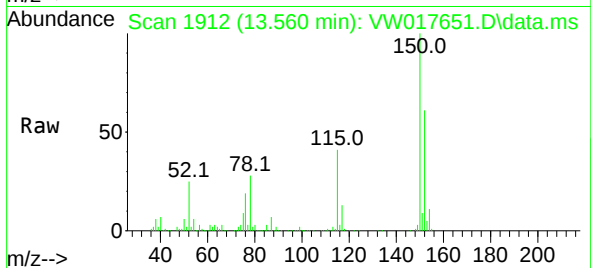




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

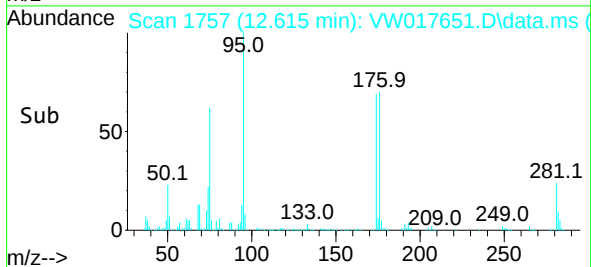
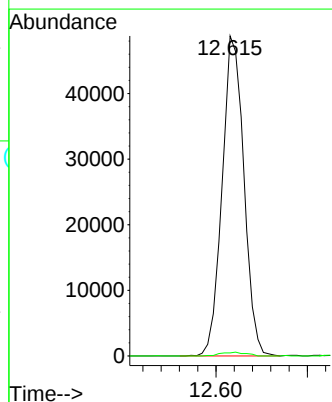
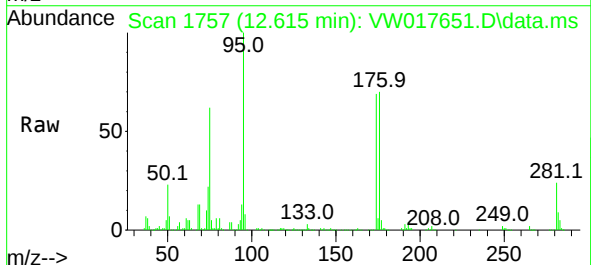
Instrument :
MSVOA_W
ClientSampleId :

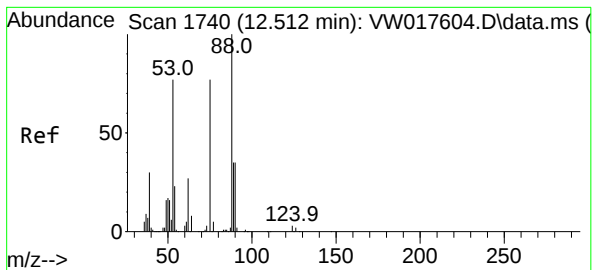
Tgt Ion:152 Resp: 132586
Ion Ratio Lower Upper
152 100
115 61.5 27.9 83.7
150 156.5 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 63.22 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017651.D
Acq: 16 Dec 2020 10:03

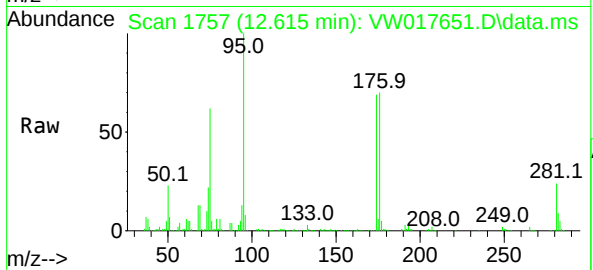
Tgt Ion: 75 Resp: 80683
Ion Ratio Lower Upper
75 100
77 1.4 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.08 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW017651.D
 Acq: 16 Dec 2020 10:03

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 80683
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.0 115.4#
 89 0.2 38.7 58.1#

