

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122120\
 Data File : VW017684.D
 Acq On : 21 Dec 2020 11:18
 Operator : SY/VA
 Sample : VW1221SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:44:43 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)

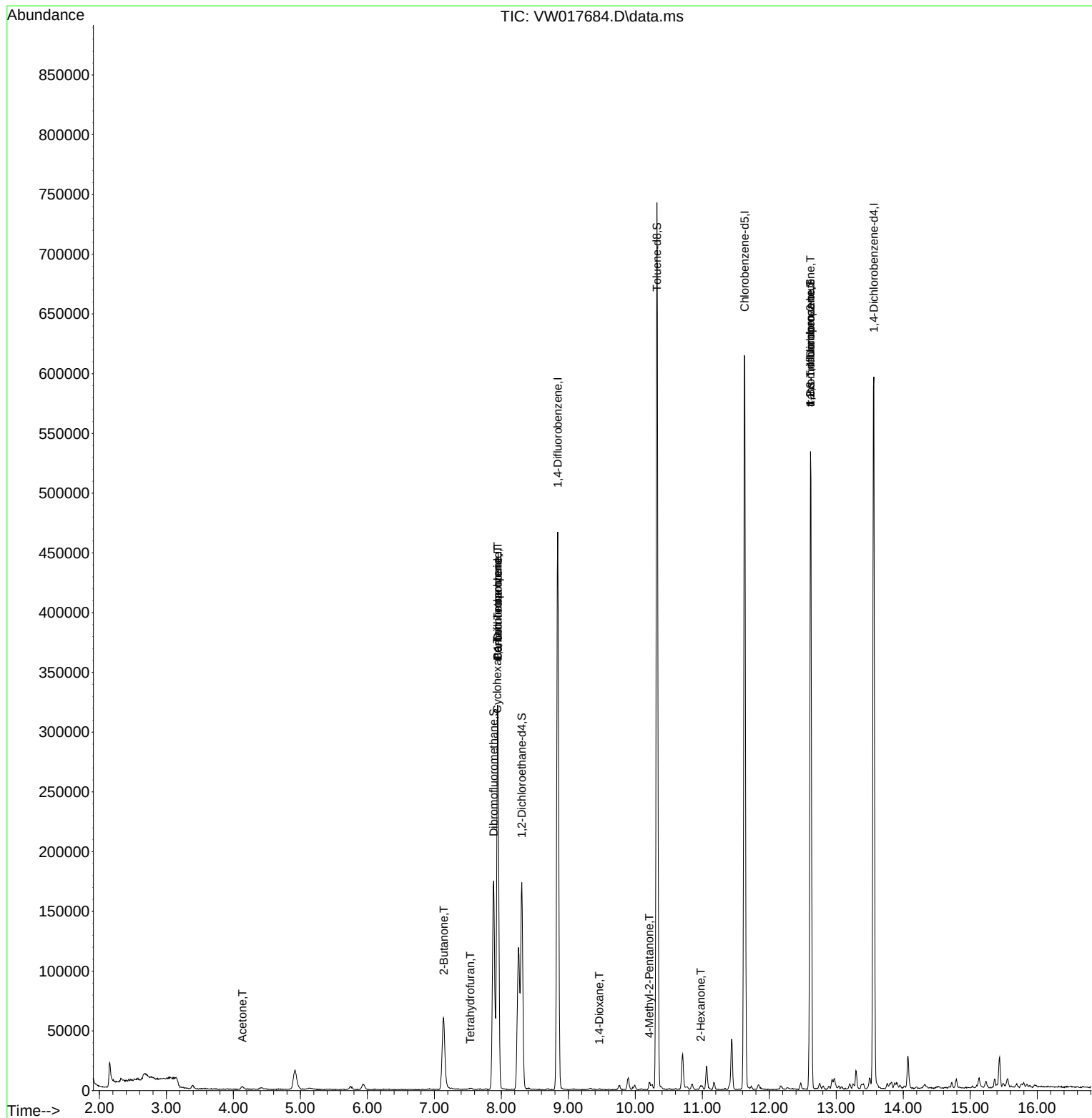
Internal Standards						
1) Pentafluorobenzene	7.946	168	218577	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	379807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	328995	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	146836	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	135074	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.885	113	122906	48.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.80%	
50) Toluene-d8	10.323	98	467736	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.615	95	152996	43.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.58%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.178	59	1162	Below Cal	#	75
16) Acetone	4.135	43	4991	8.62	ug/l	100
20) Methylene Chloride	4.916	84	12639	Below Cal		91
25) 2-Butanone	7.141	43	3896	5.05	ug/l	# 73
26) 2,2-Dichloropropane	7.141	77	4463	Below Cal	#	50
29) Tetrahydrofuran	7.537	42	1085	2.50	ug/l	# 46
31) Cyclohexane	7.939	56	6014	1.31	ug/l	# 47
36) 1,1-Dichloropropene	7.946	75	20621	5.19	ug/l	# 48
38) Carbon Tetrachloride	7.946	117	23342	5.84	ug/l	# 13
49) 1,4-Dioxane	9.464	88	113	6.28	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.207	43	5055	3.26	ug/l	88
59) 2-Hexanone	10.975	43	2705	2.61	ug/l	71
76) 1,2,3-Trichloropropane	12.615	75	87764	62.09	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	87764	125.80	ug/l	# 11

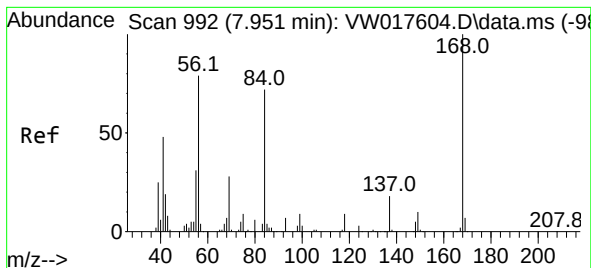
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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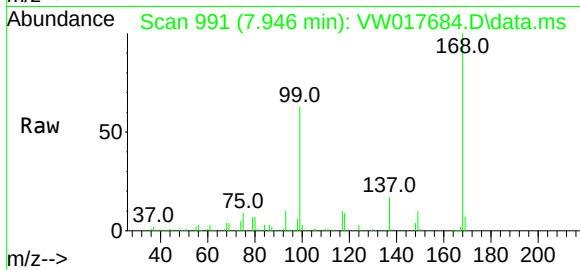
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration



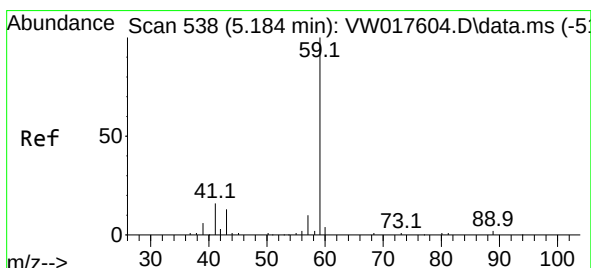
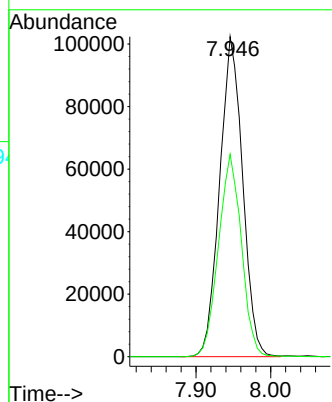
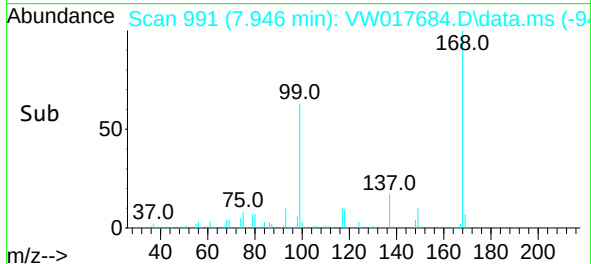


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.005 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

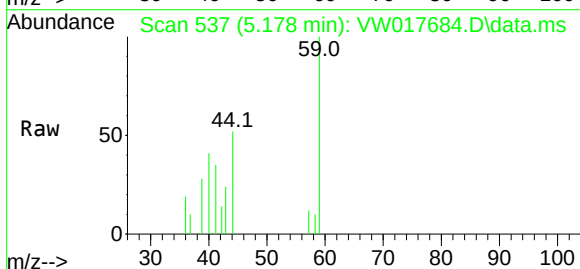
Instrument :
MSVOA_W
ClientSampleId :



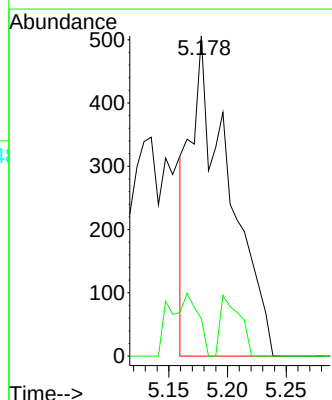
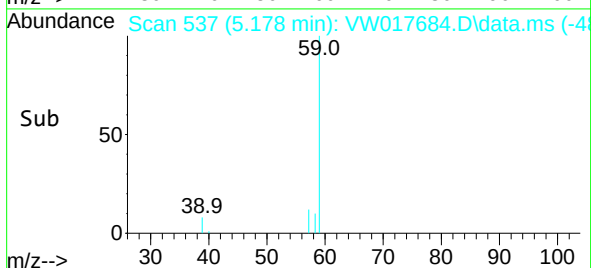
Tgt Ion:168 Resp: 218577
Ion Ratio Lower Upper
168 100
99 63.2 40.7 61.1#

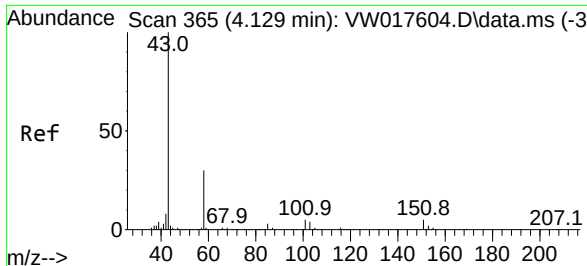


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18



Tgt Ion: 59 Resp: 1162
Ion Ratio Lower Upper
59 100
57 14.4 4.7 7.1#

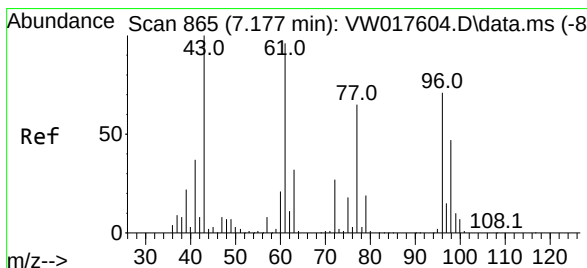
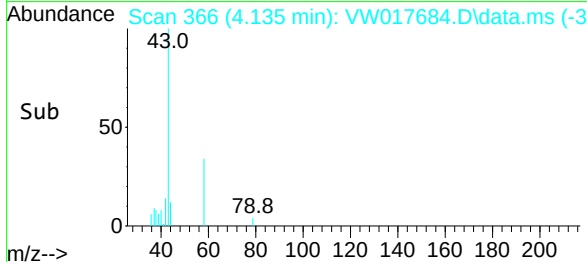
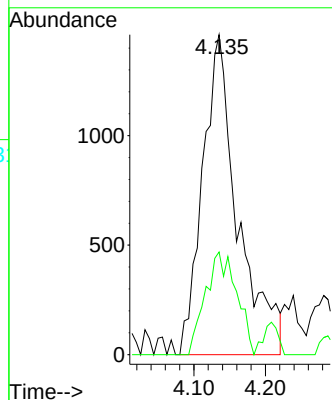
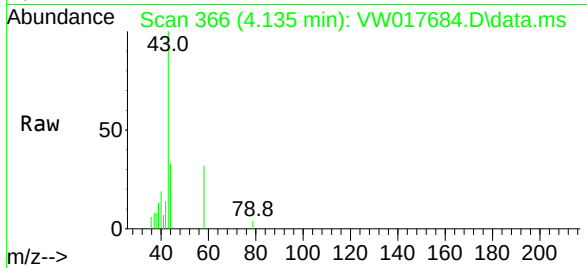




#16
Acetone
Concen: 8.62 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

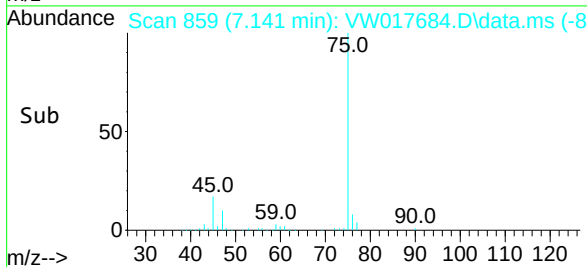
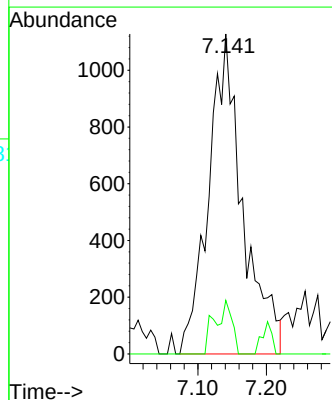
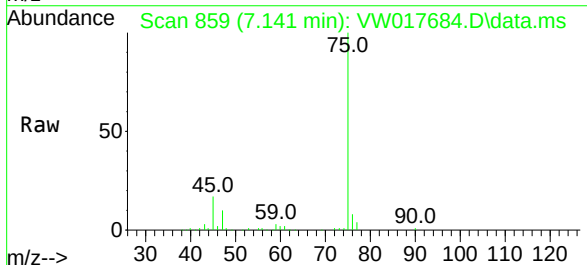
Instrument :
MSVOA_W
ClientSampled :

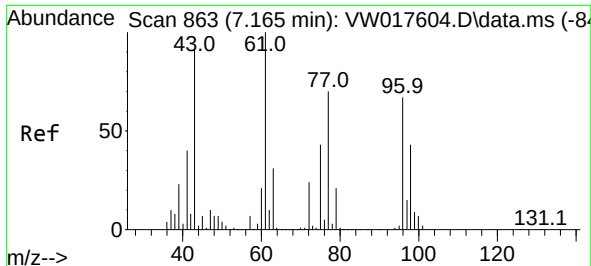
Tgt Ion: 43 Resp: 4991
Ion Ratio Lower Upper
43 100
58 32.1 25.7 38.5



#25
2-Butanone
Concen: 5.05 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion: 43 Resp: 3896
Ion Ratio Lower Upper
43 100
72 16.8 25.4 38.2#

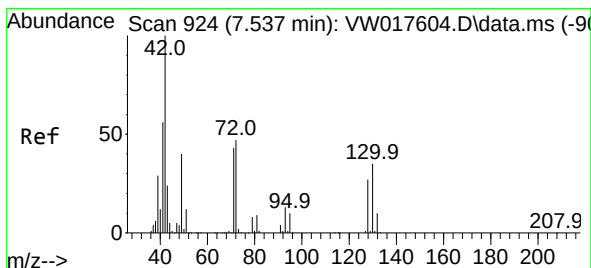
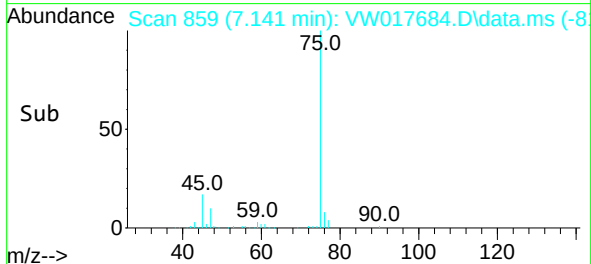
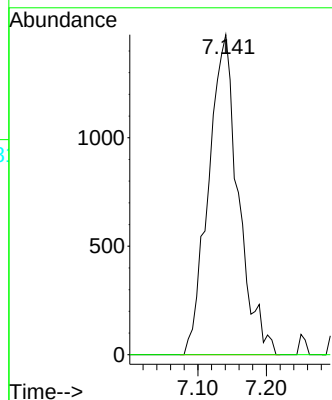
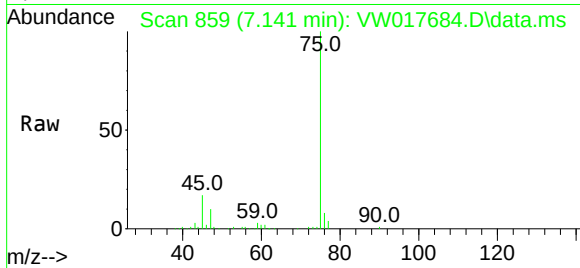




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

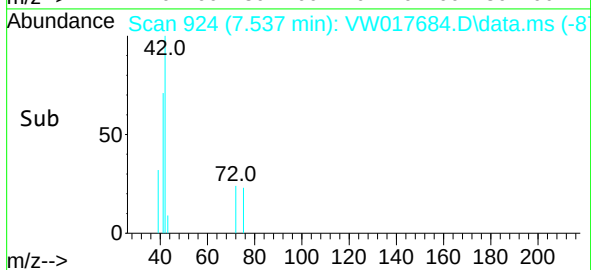
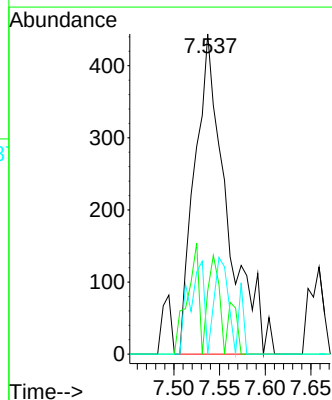
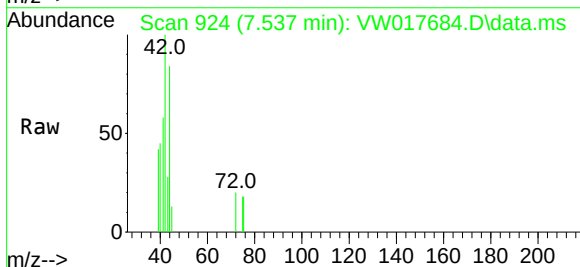
Instrument :
MSVOA_W
ClientSampled :

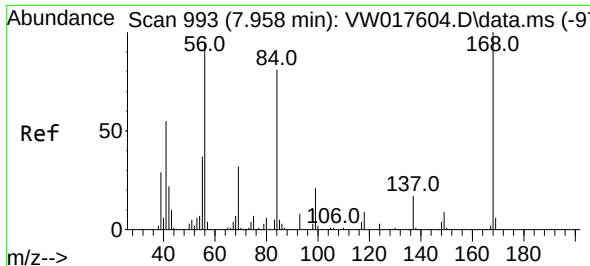
Tgt Ion: 77 Resp: 4463
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#29
Tetrahydrofuran
Concen: 2.50 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.000 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion: 42 Resp: 1085
Ion Ratio Lower Upper
42 100
72 12.7 42.0 63.0#
71 13.5 39.0 58.6#

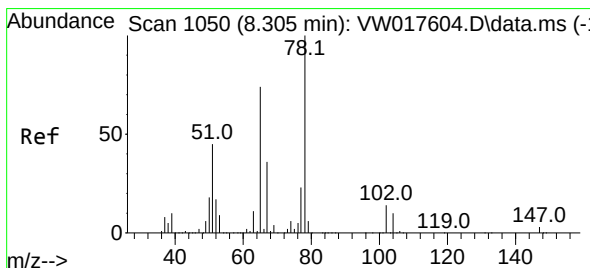
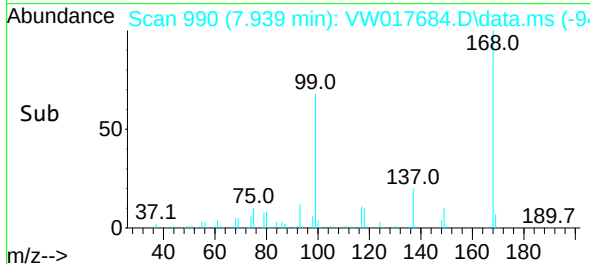
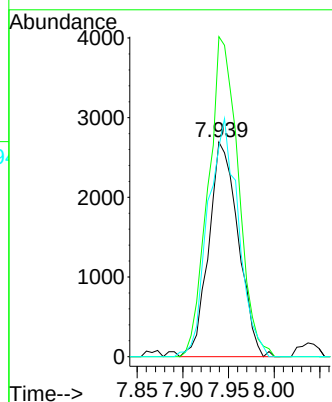
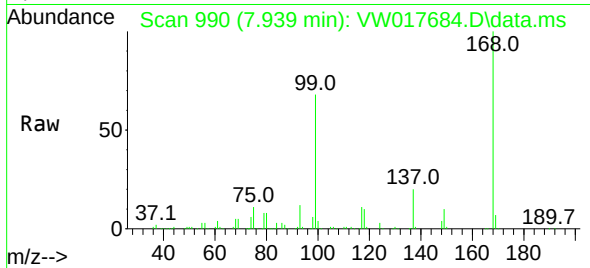




#31
Cyclohexane
Concen: 1.31 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.019 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

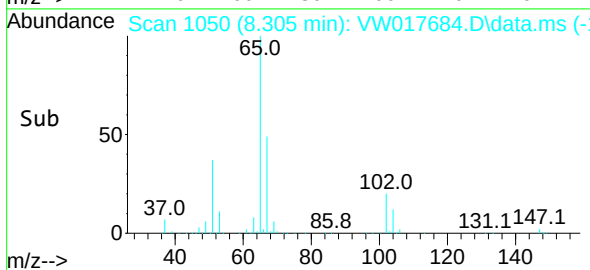
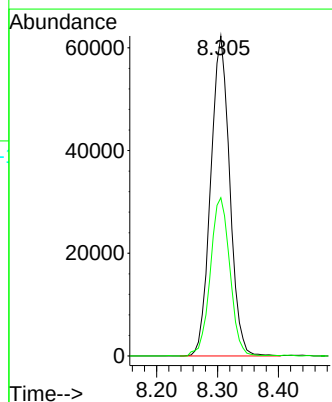
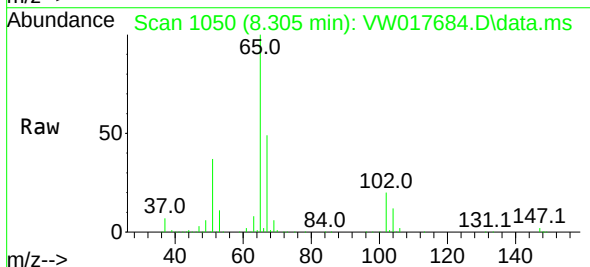
Instrument :
MSVOA_W
ClientSampleId :

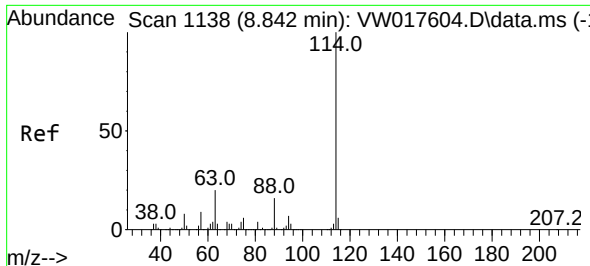
Tgt Ion: 56 Resp: 6014
Ion Ratio Lower Upper
56 100
69 149.1 29.3 43.9#
84 97.7 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 50.73 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion: 65 Resp: 135074
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.8

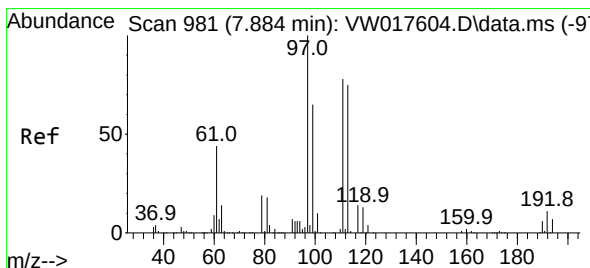
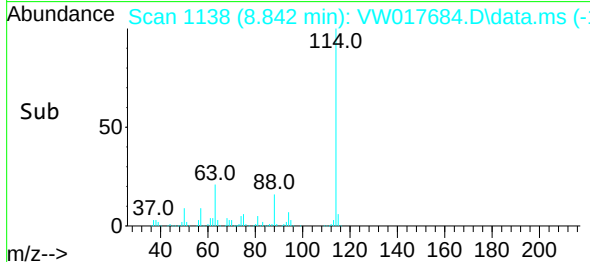
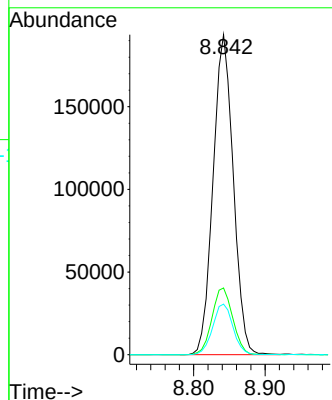
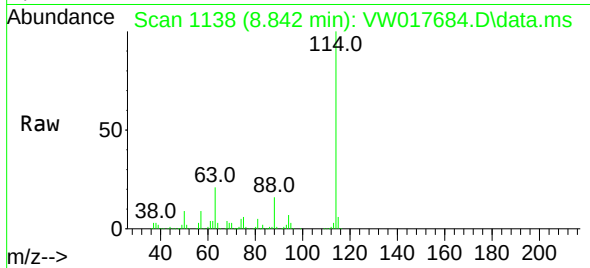




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

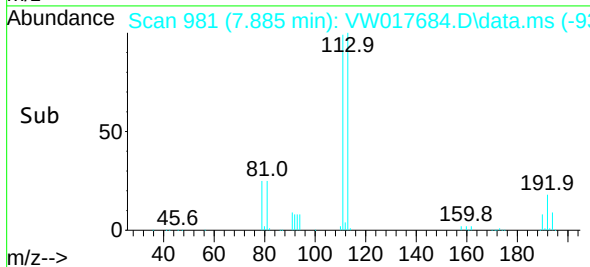
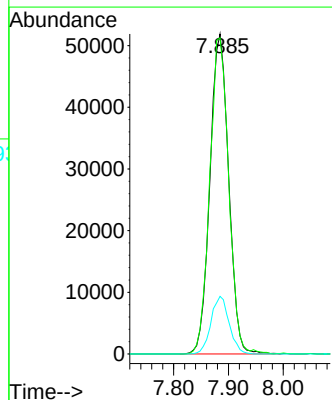
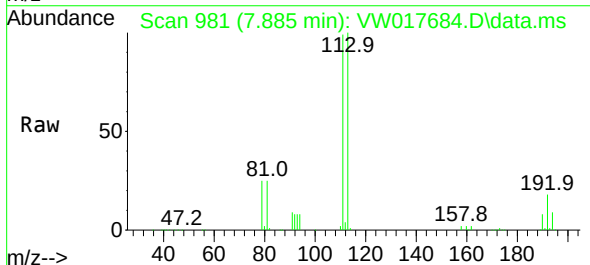
Instrument :
MSVOA_W
ClientSampleId :

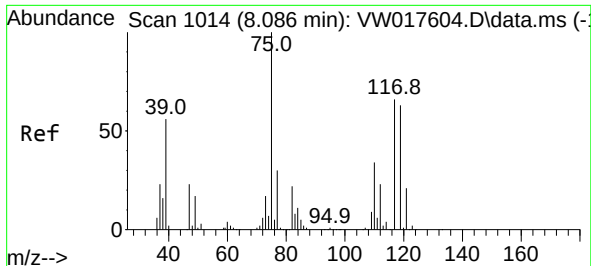
Tgt Ion:	114	Resp:	379807
Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	35.6
88	15.8	0.0	30.4



#35
Dibromofluoromethane
Concen: 48.90 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion:	113	Resp:	122906
Ion	Ratio	Lower	Upper
113	100		
111	100.1	81.4	122.2
192	17.4	17.8	26.8#

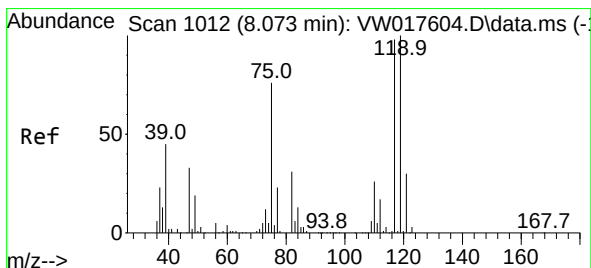
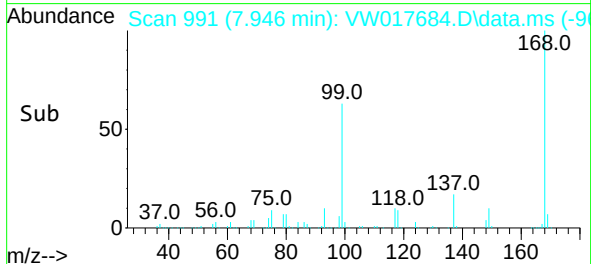
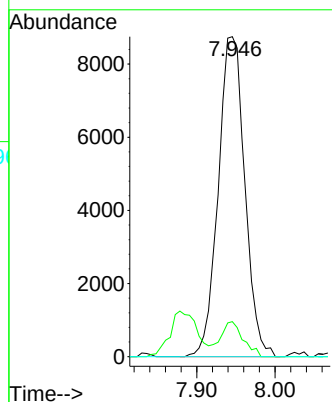
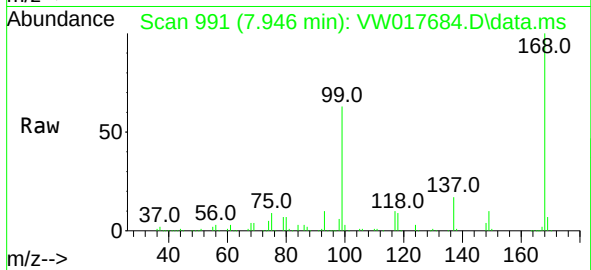




#36
1,1-Dichloropropene
Concen: 5.19 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.140 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

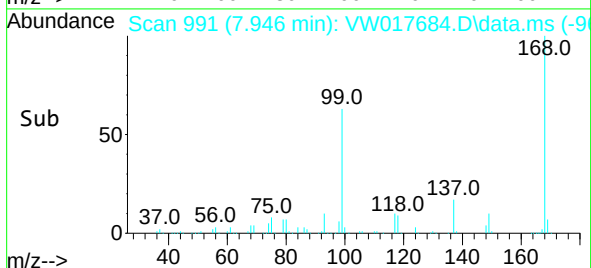
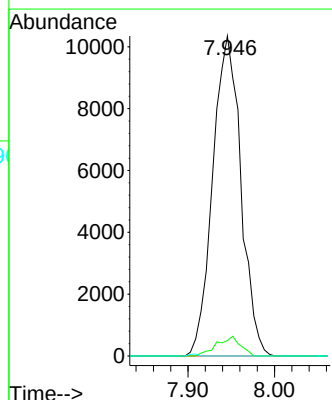
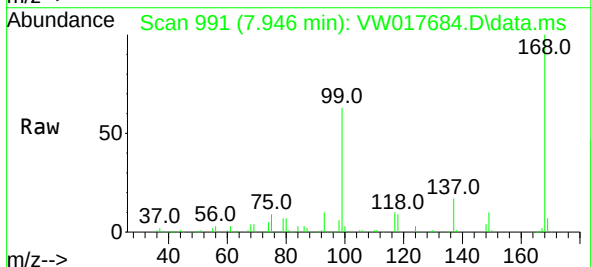
Instrument :
MSVOA_W
ClientSampleId :

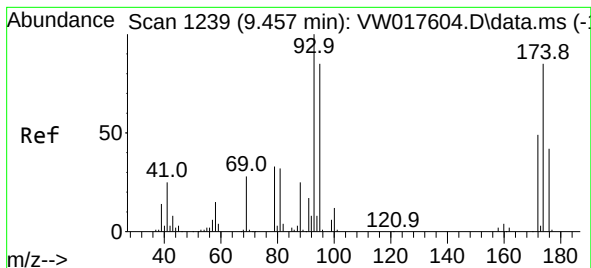
Tgt Ion: 75 Resp: 20621
Ion Ratio Lower Upper
75 100
110 9.4 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.84 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.127 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion: 117 Resp: 23342
Ion Ratio Lower Upper
117 100
119 4.8 81.6 122.4#
121 0.0 25.7 38.5#

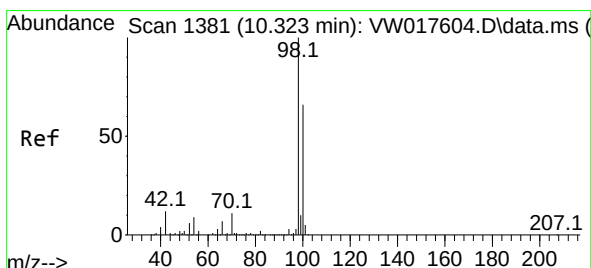
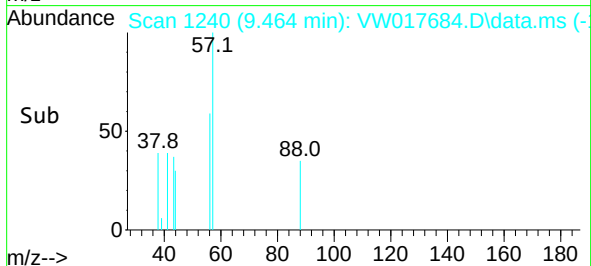
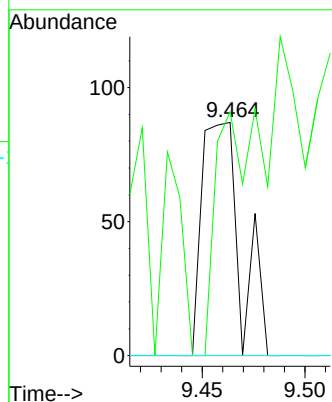
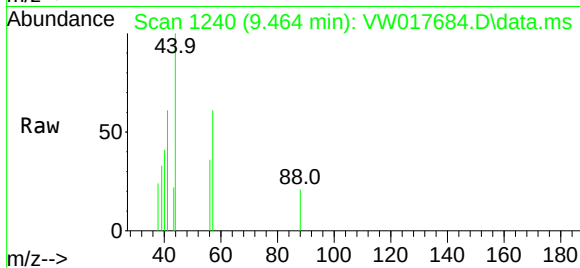




#49
1,4-Dioxane
Concen: 6.28 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.007 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

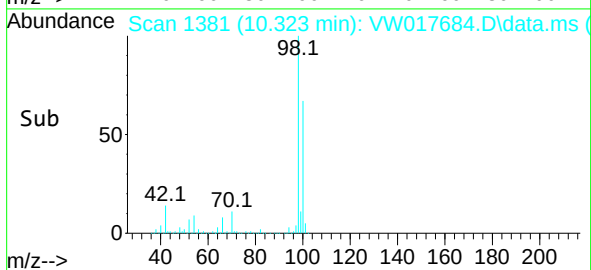
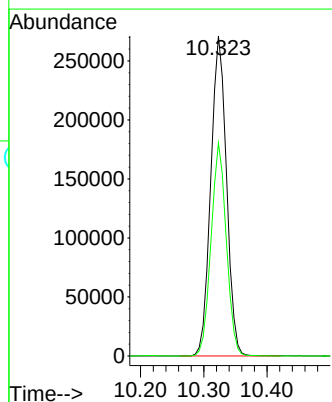
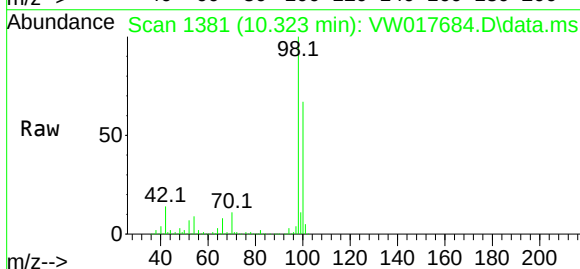
Instrument :
MSVOA_W
ClientSampleId :

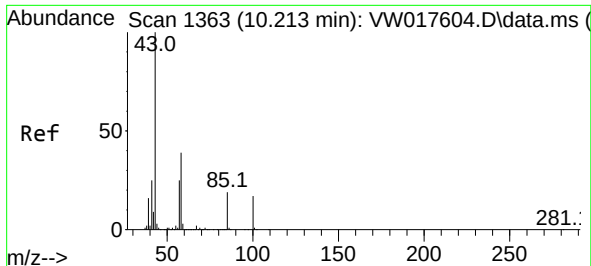
Tgt Ion: 88 Resp: 113
Ion Ratio Lower Upper
88 100
43 76.1 0.0 0.0#
58 0.0 54.0 81.0#



#50
Toluene-d8
Concen: 47.80 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion: 98 Resp: 467736
Ion Ratio Lower Upper
98 100
100 64.6 53.3 79.9

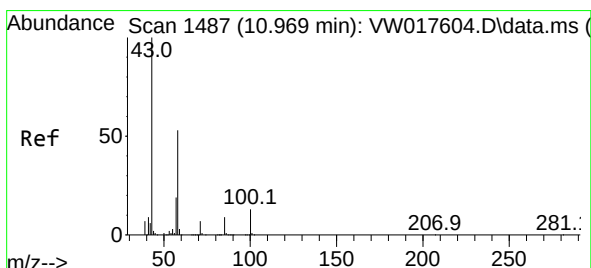
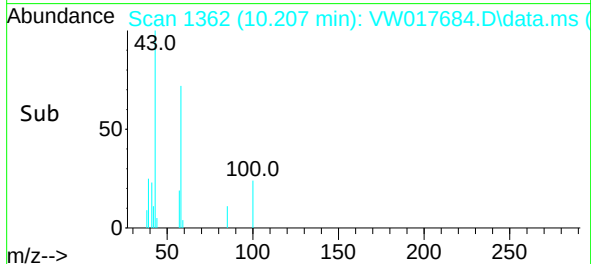
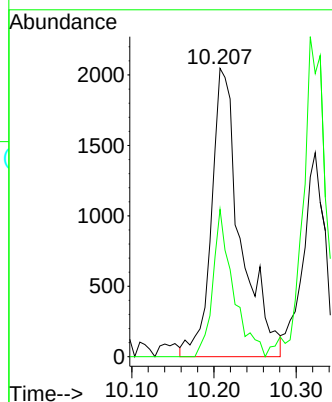
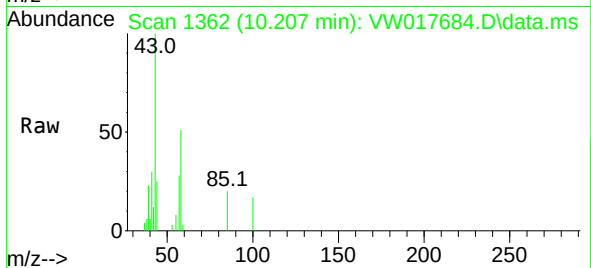




#51
4-Methyl-2-Pentanone
Concen: 3.26 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.006 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

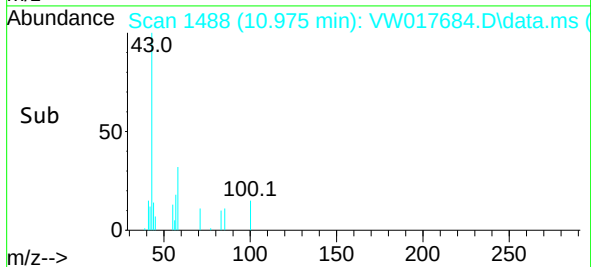
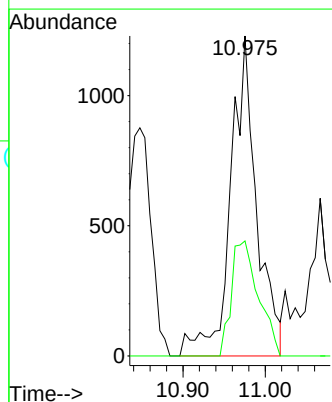
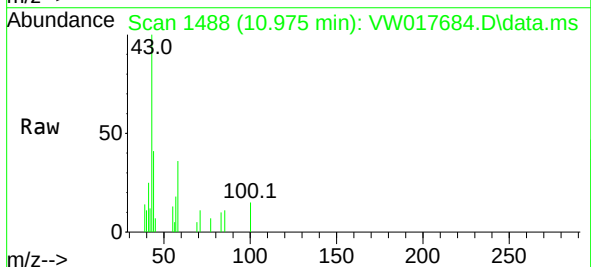
Instrument :
MSVOA_W
ClientSampleId :

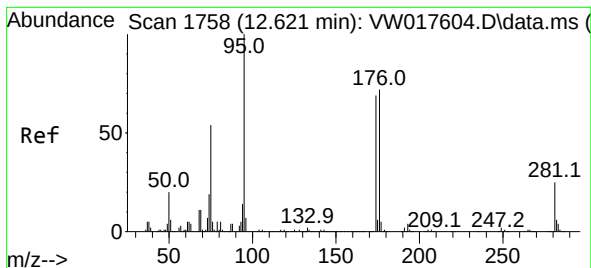
Tgt Ion: 43 Resp: 5055
Ion Ratio Lower Upper
43 100
58 35.6 34.7 52.1



#59
2-Hexanone
Concen: 2.61 ug/l
RT: 10.975 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion: 43 Resp: 2705
Ion Ratio Lower Upper
43 100
58 37.3 29.5 88.5

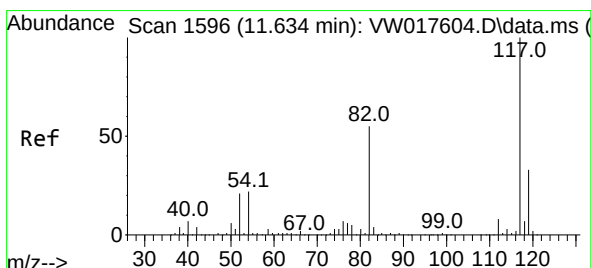
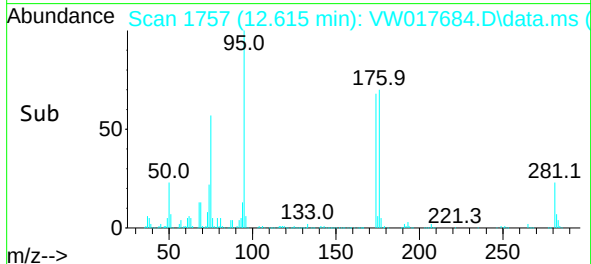
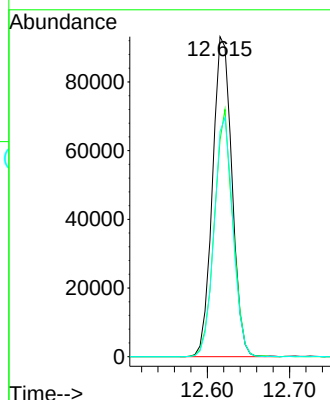
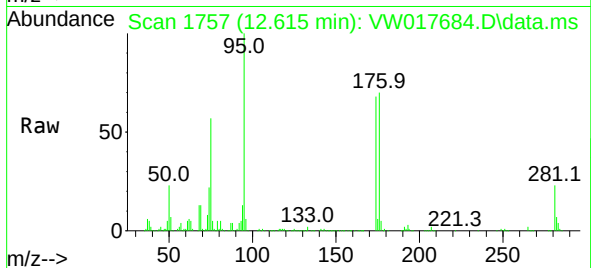




#62
4-Bromofluorobenzene
Concen: 43.79 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

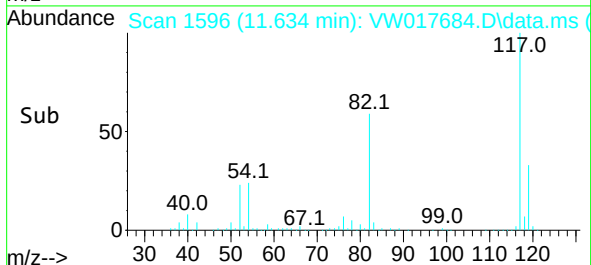
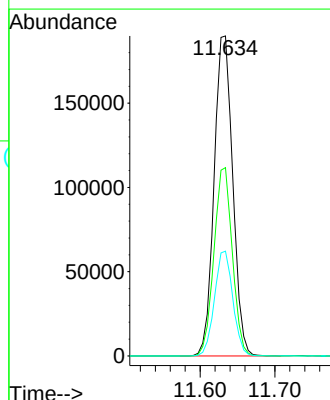
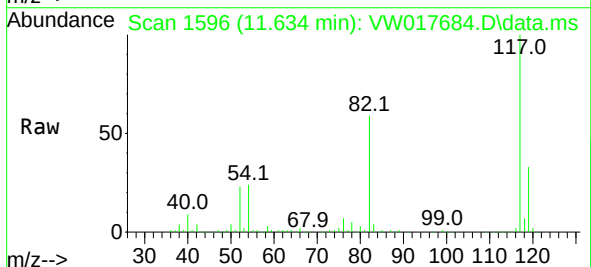
Instrument :
MSVOA_W
ClientSampleId :

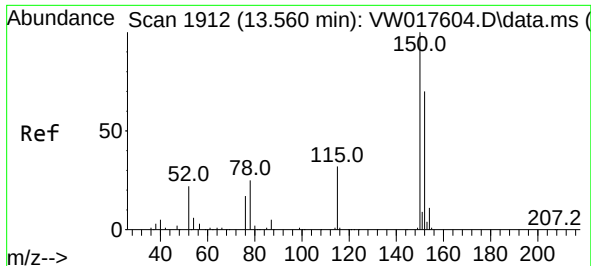
Tgt Ion: 95 Resp: 152996
Ion Ratio Lower Upper
95 100
174 73.3 0.0 180.6
176 72.3 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

Tgt Ion: 117 Resp: 328995
Ion Ratio Lower Upper
117 100
82 58.8 40.7 61.1
119 32.7 25.0 37.4

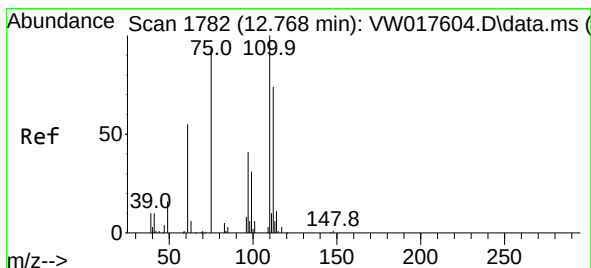
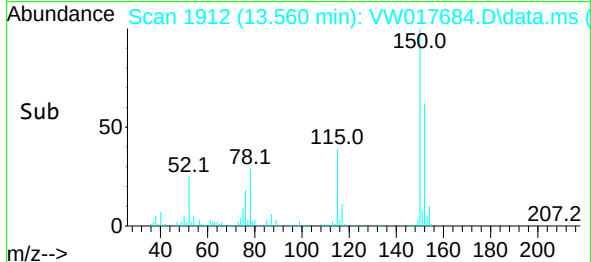
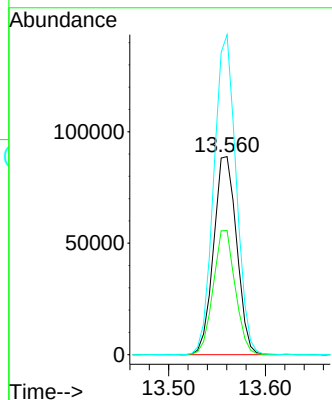
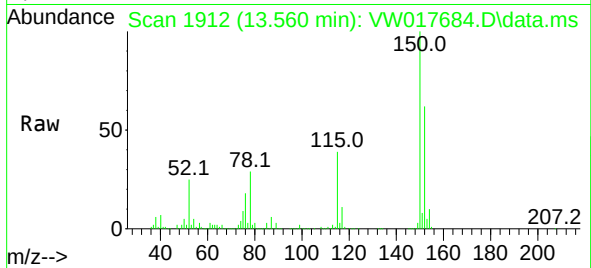




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

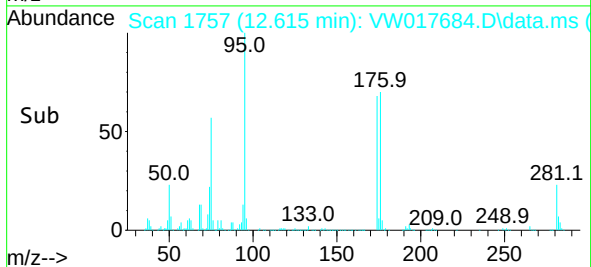
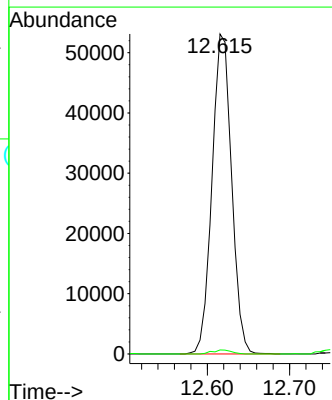
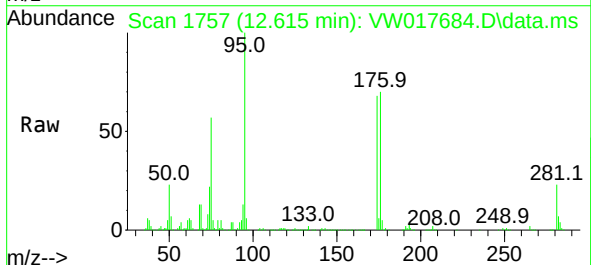
Instrument :
MSVOA_W
ClientSampled :

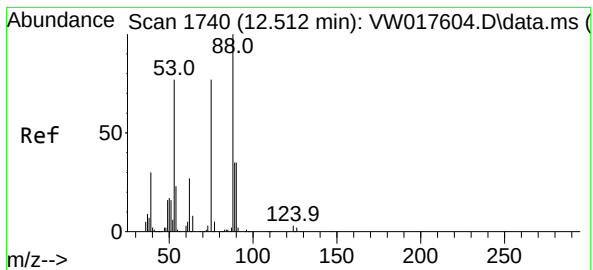
Tgt Ion:152 Resp: 146836
Ion Ratio Lower Upper
152 100
115 60.0 27.9 83.7
150 156.4 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 62.09 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017684.D
Acq: 21 Dec 2020 11:18

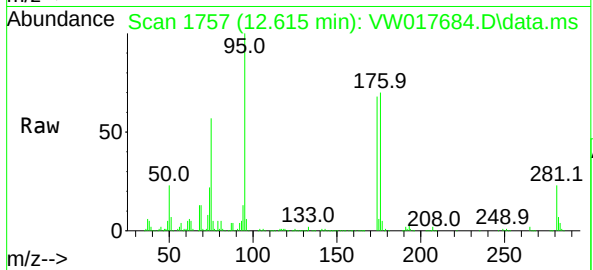
Tgt Ion: 75 Resp: 87764
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 125.80 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW017684.D
 Acq: 21 Dec 2020 11:18

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 75 Resp: 87764
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.0 115.4#
 89 0.0 38.7 58.1#

