

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122120\
 Data File : VW017691.D
 Acq On : 21 Dec 2020 17:17
 Operator : SY/VA
 Sample : L5176-07
 Misc : 3.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 22 03:47:46 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)

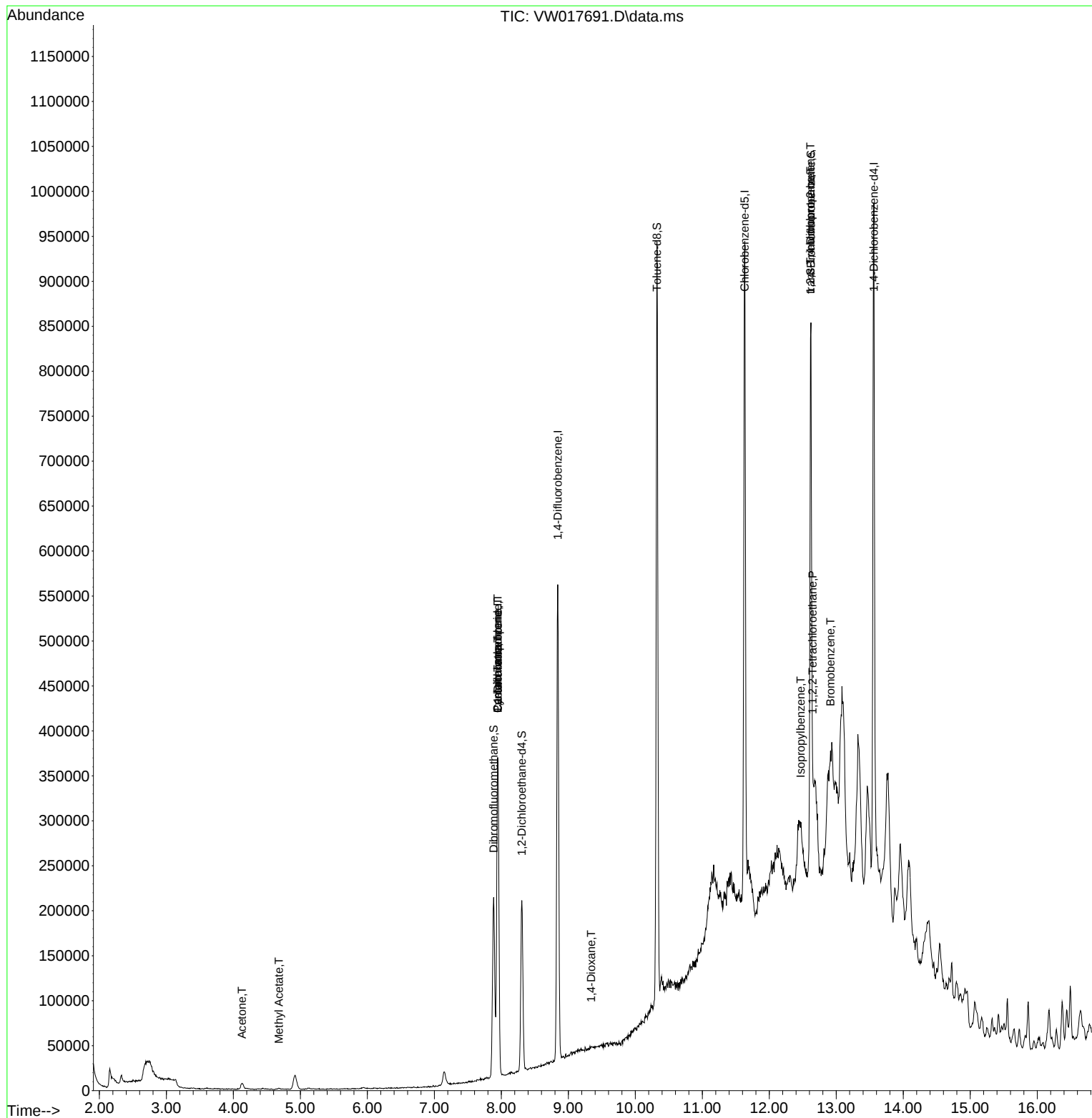
Internal Standards						
1) Pentafluorobenzene	7.945	168	271820	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	456471	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	426796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	196215	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	153040	46.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.44%	
35) Dibromofluoromethane	7.885	113	142352	47.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.26%	
50) Toluene-d8	10.323	98	550012	46.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.54%	
62) 4-Bromofluorobenzene	12.621	95	211604	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.190	59	580	Below Cal	#	69
16) Acetone	4.129	43	13213	18.34	ug/l	96
18) Methyl Acetate	4.678	43	2878	1.97	ug/l	# 79
20) Methylene Chloride	4.916	84	13585	Below Cal		93
26) 2,2-Dichloropropane	7.159	77	2220	Below Cal	#	60
31) Cyclohexane	7.945	56	6451	1.13	ug/l	# 41
36) 1,1-Dichloropropene	7.945	75	22462	4.70	ug/l	# 49
38) Carbon Tetrachloride	7.945	117	28520	5.94	ug/l	# 13
49) 1,4-Dioxane	9.342	88	46	2.13	ug/l	# 1
73) Isopropylbenzene	12.469	105	18585	1.20	ug/l	# 50
75) 1,1,2,2-Tetrachloroethane	12.646	83	20517	7.93	ug/l	# 26
76) 1,2,3-Trichloropropane	12.615	75	98150	51.96	ug/l	# 1
77) Bromobenzene	12.914	156	189275	56.96	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.615	75	98150	105.28	ug/l	# 12

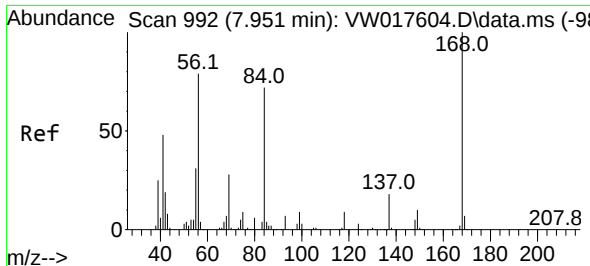
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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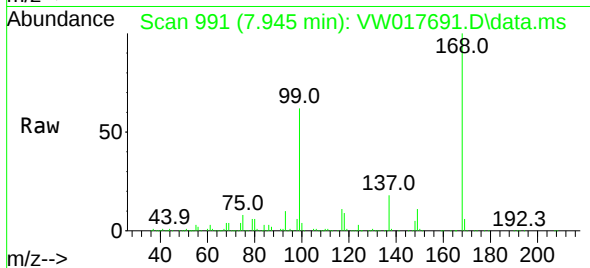
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration



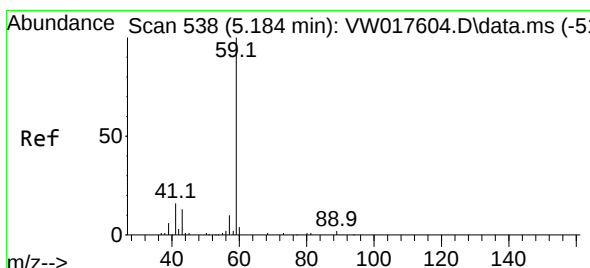
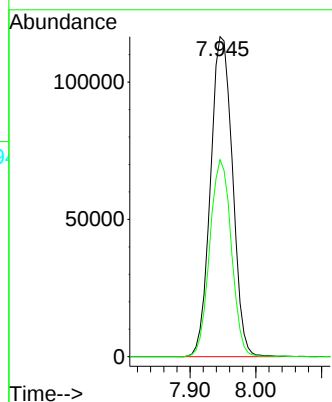
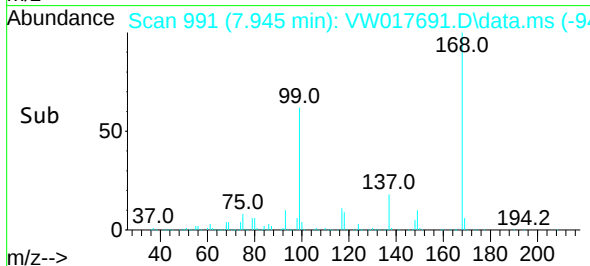


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

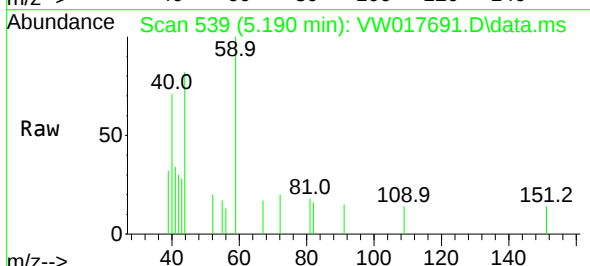
Instrument :
MSVOA_W
ClientSampled :



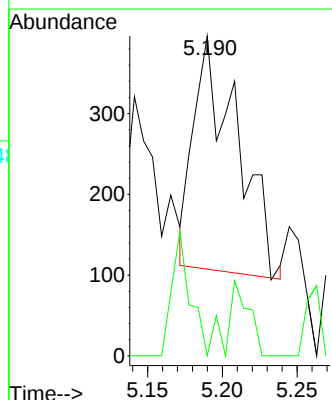
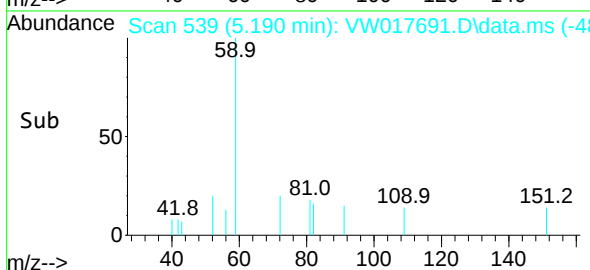
Tgt Ion:168 Resp: 271820
Ion Ratio Lower Upper
168 100
99 61.6 40.7 61.1#

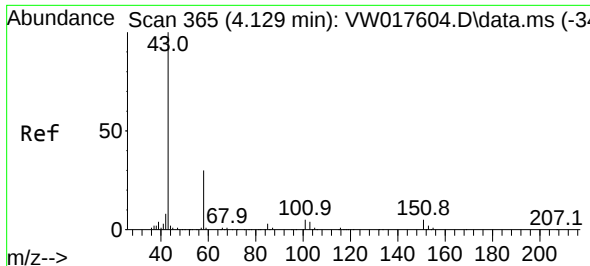


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17



Tgt Ion: 59 Resp: 580
Ion Ratio Lower Upper
59 100
57 16.4 4.7 7.1#

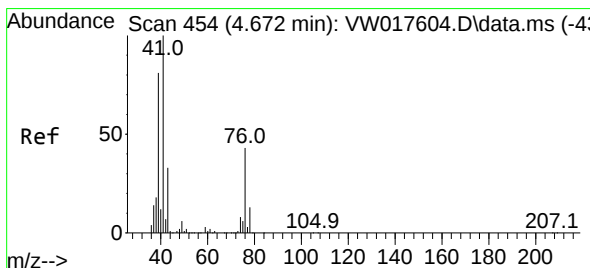
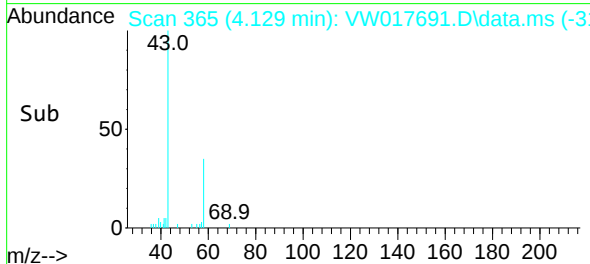
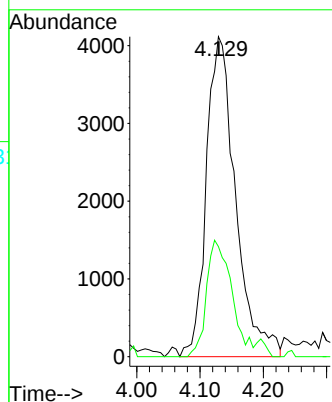
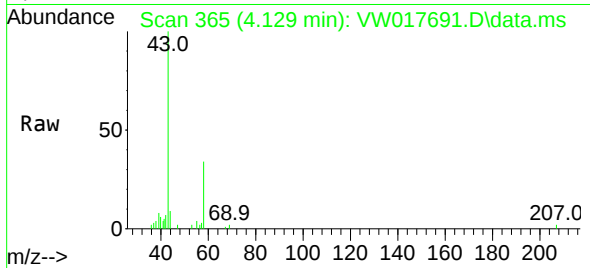




#16
Acetone
Concen: 18.34 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

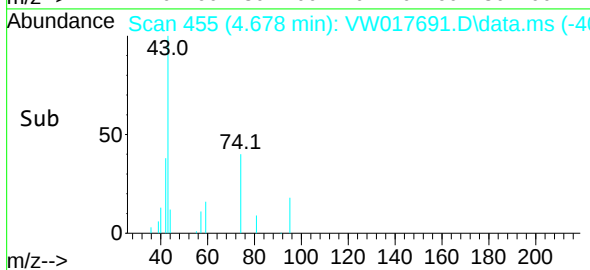
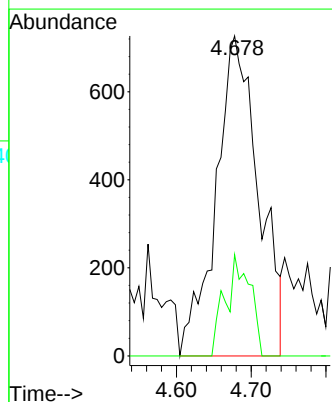
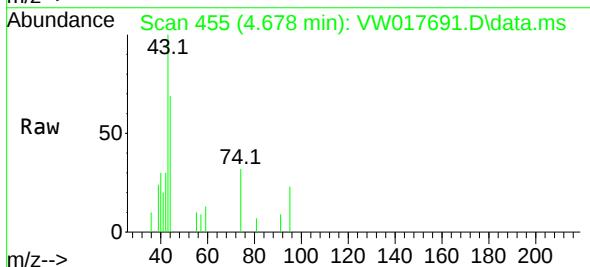
Instrument :
MSVOA_W
ClientSampled :

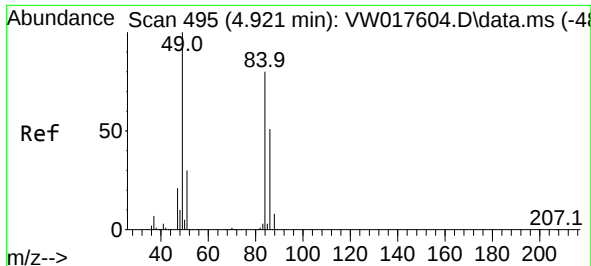
Tgt Ion: 43 Resp: 13213
Ion Ratio Lower Upper
43 100
58 34.4 25.7 38.5



#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

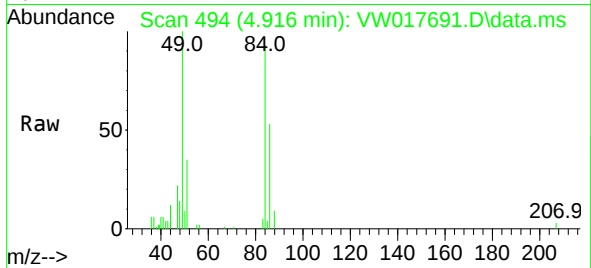
Tgt Ion: 43 Resp: 2878
Ion Ratio Lower Upper
43 100
74 18.3 23.8 35.6#





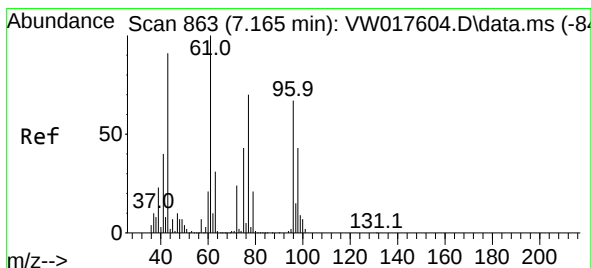
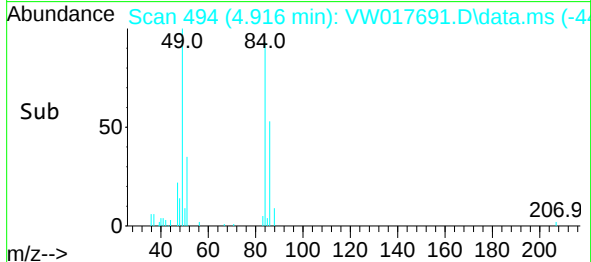
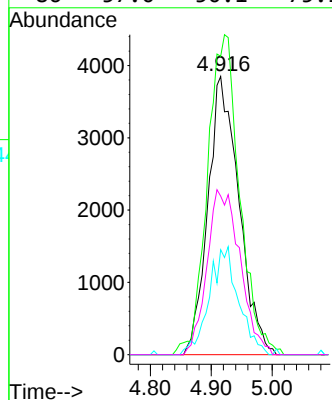
#20
Methylene Chloride
Concen: Below Cal
RT: 4.916 min Scan# 494
Delta R.T. -0.005 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 84 Resp: 13585

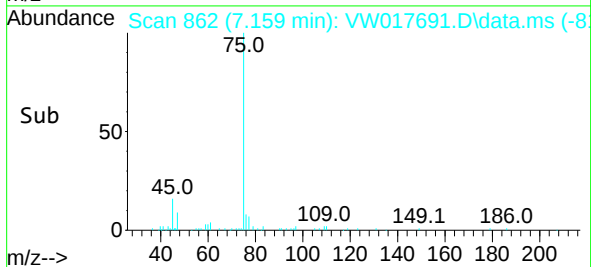
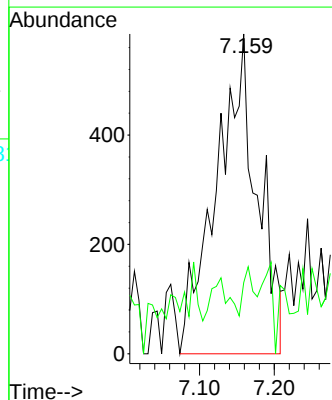
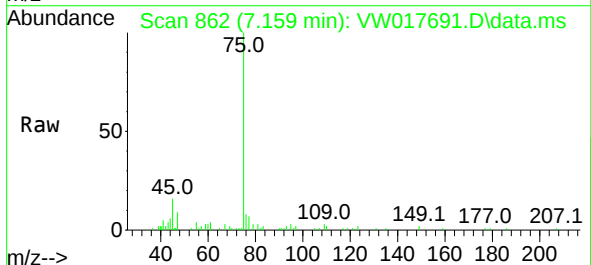
Ion	Ratio	Lower	Upper
84	100		
49	105.2	79.0	118.6
51	37.7	26.1	39.1
86	57.0	50.1	75.1

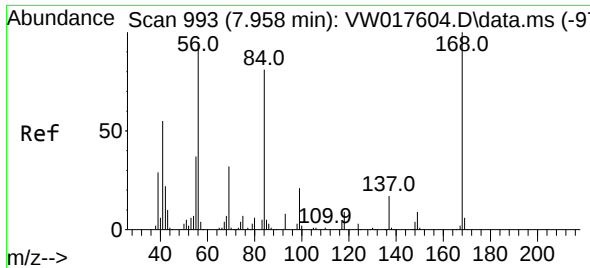


#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

Tgt Ion: 77 Resp: 2220

Ion	Ratio	Lower	Upper
77	100		
97	5.0	12.4	37.4#

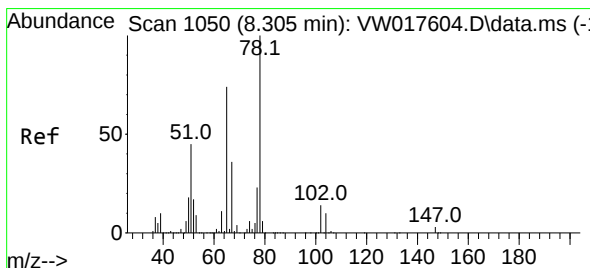
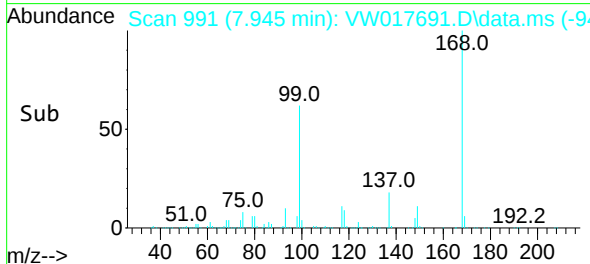
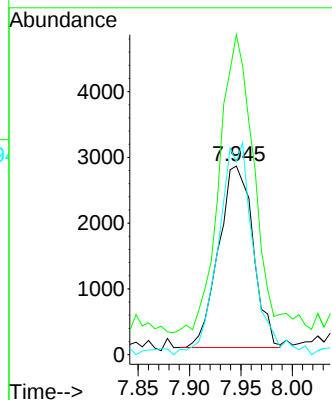
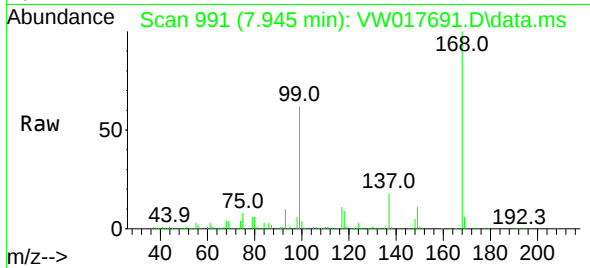




#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

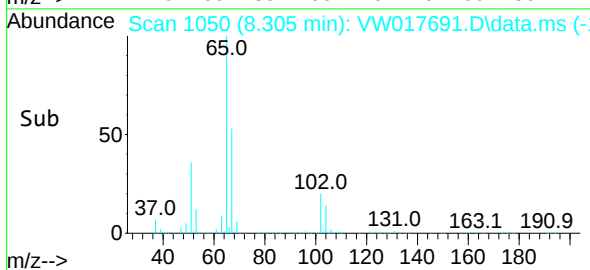
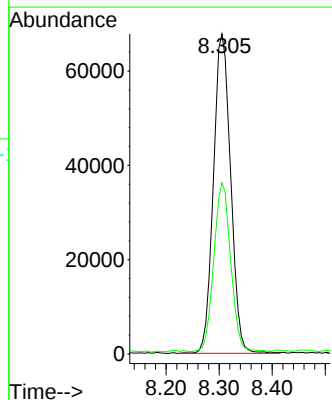
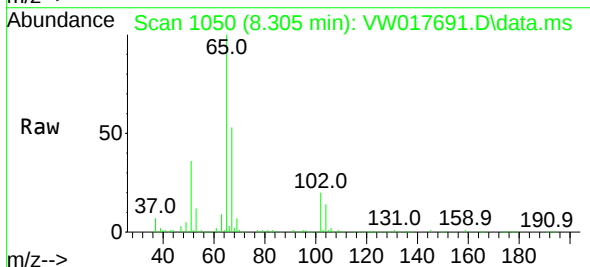
Instrument :
MSVOA_W
ClientSampleId :

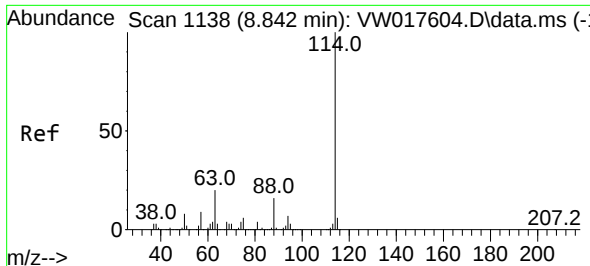
Tgt Ion: 56 Resp: 6451
Ion Ratio Lower Upper
56 100
69 162.8 29.3 43.9#
84 103.4 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 46.22 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

Tgt Ion: 65 Resp: 153040
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.8

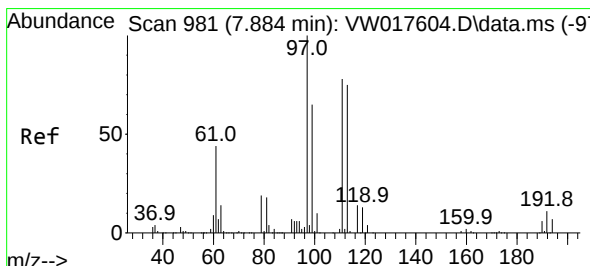
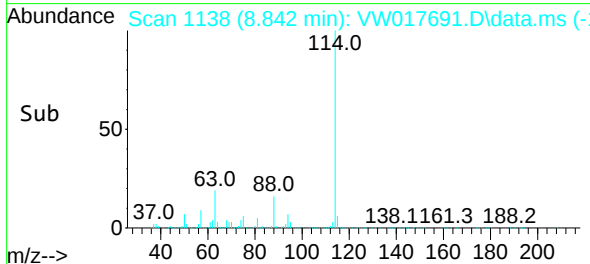
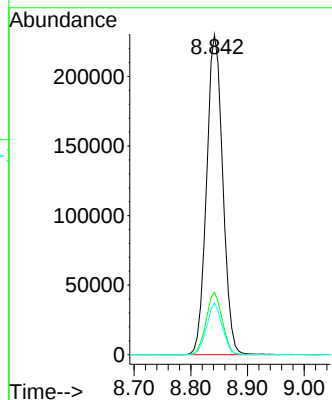
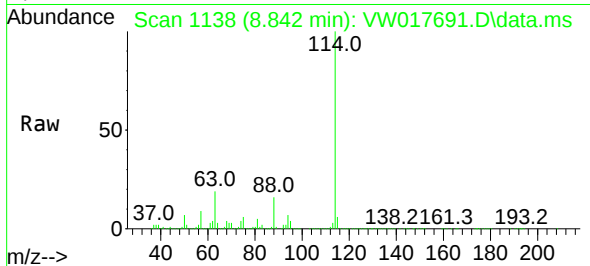




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

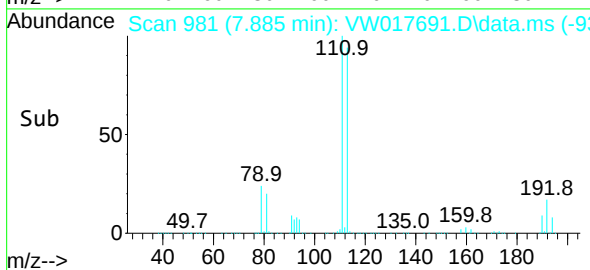
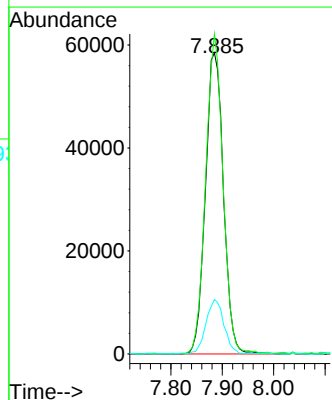
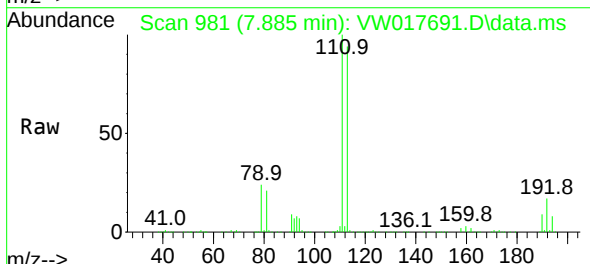
Instrument :
MSVOA_W
ClientSampleId :

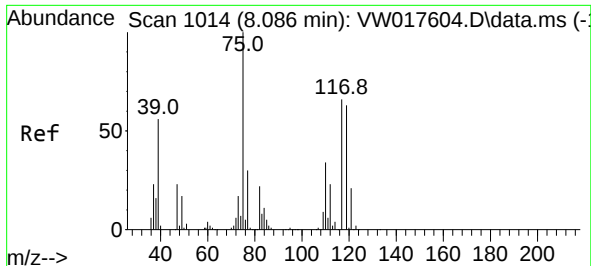
Tgt Ion:114 Resp: 456471
Ion Ratio Lower Upper
114 100
63 19.5 0.0 35.6
88 16.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.13 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

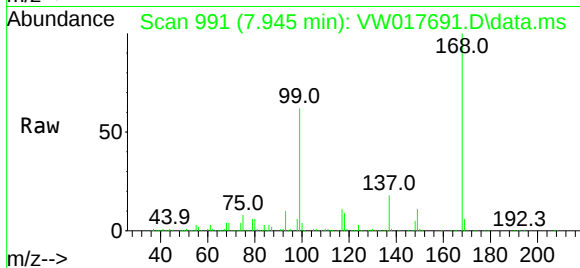
Tgt Ion:113 Resp: 142352
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.2
192 18.0 17.8 26.8



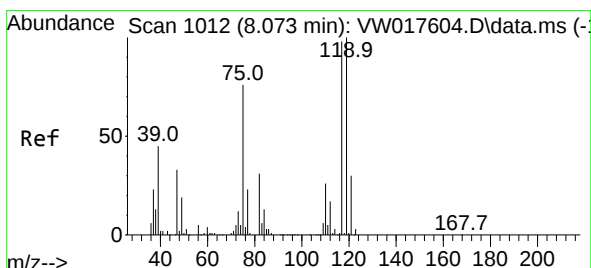
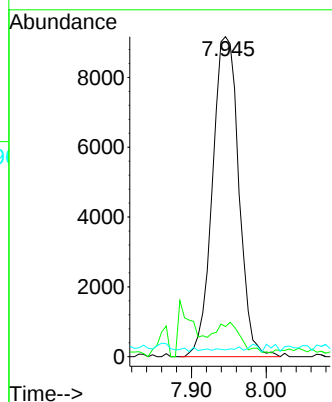
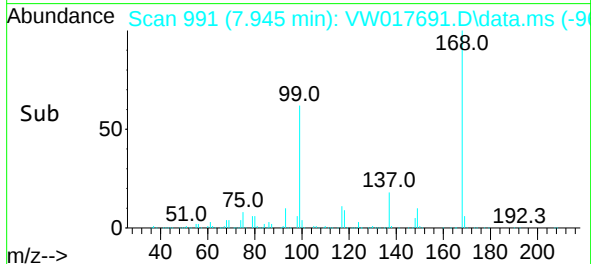


#36
1,1-Dichloropropene
Concen: 4.70 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

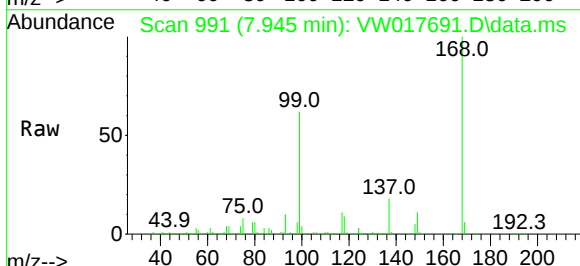
Instrument :
MSVOA_W
ClientSampleId :



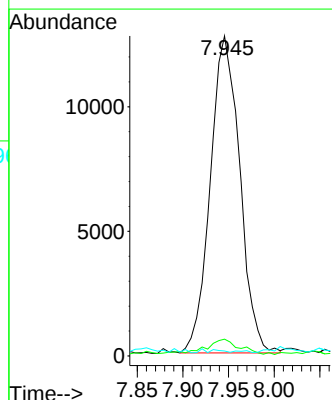
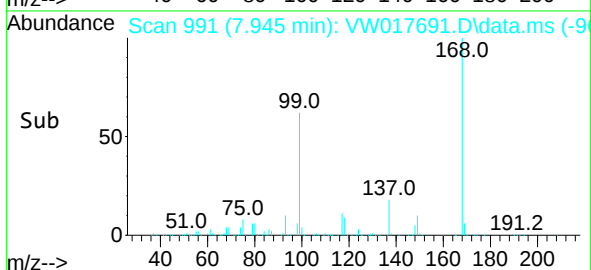
Tgt Ion: 75 Resp: 22462
Ion Ratio Lower Upper
75 100
110 10.0 19.3 57.9#
77 0.3 25.0 37.6#

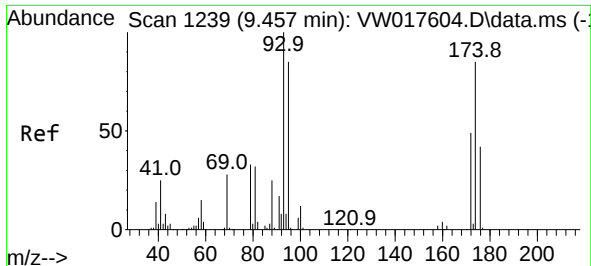


#38
Carbon Tetrachloride
Concen: 5.94 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17



Tgt Ion: 117 Resp: 28520
Ion Ratio Lower Upper
117 100
119 4.2 81.6 122.4#
121 0.3 25.7 38.5#

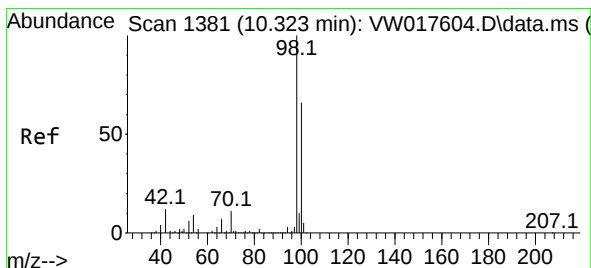
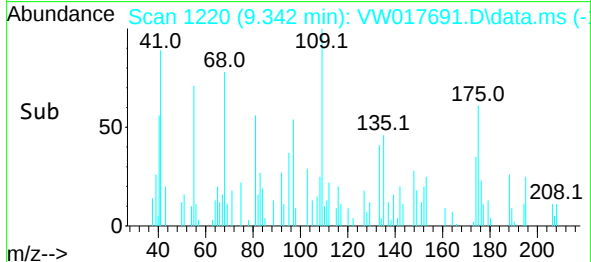
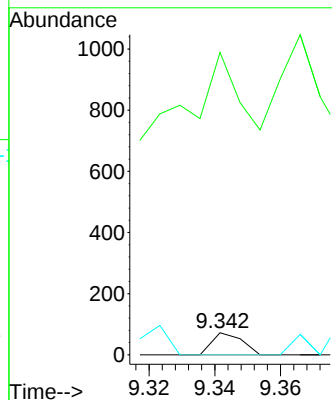
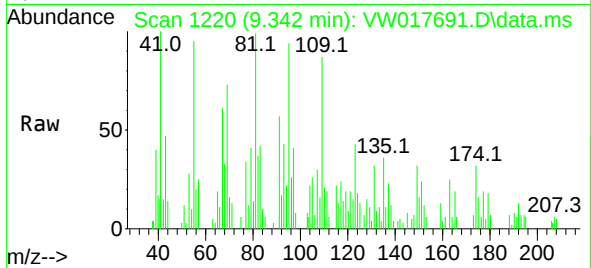




#49
1,4-Dioxane
Concen: 2.13 ug/l
RT: 9.342 min Scan# 1220
Delta R.T. -0.115 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

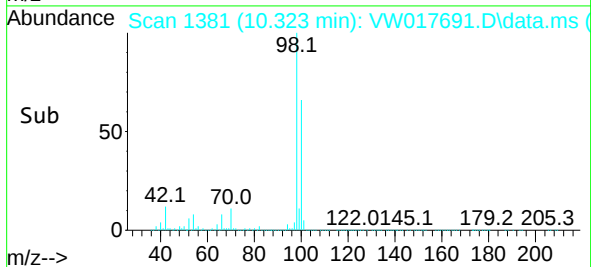
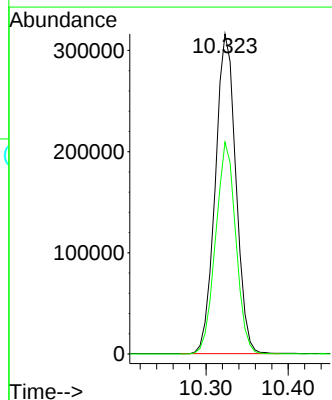
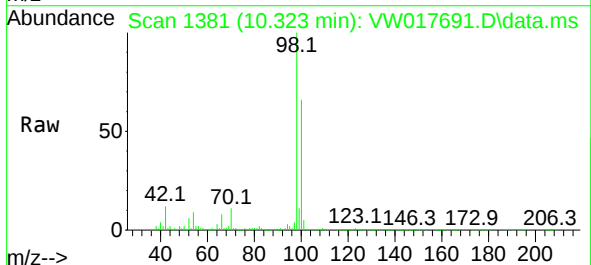
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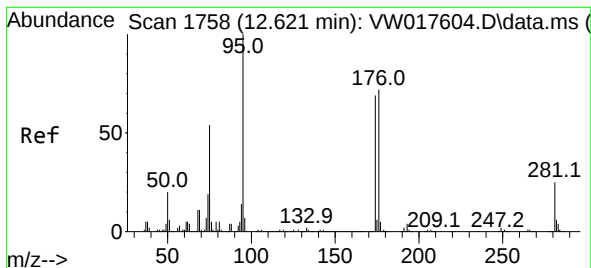
Tgt Ion: 88 Resp: 46
Ion Ratio Lower Upper
88 100
43 1256.5 0.0 0.0#
58 163.0 54.0 81.0#



#50
Toluene-d8
Concen: 46.77 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

Tgt Ion: 98 Resp: 550012
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9

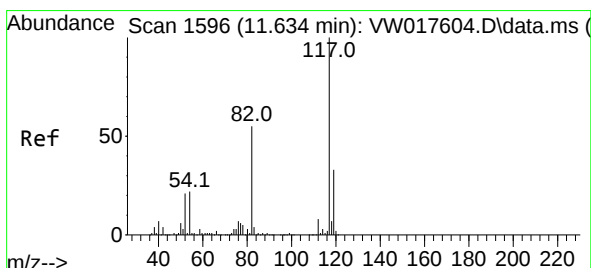
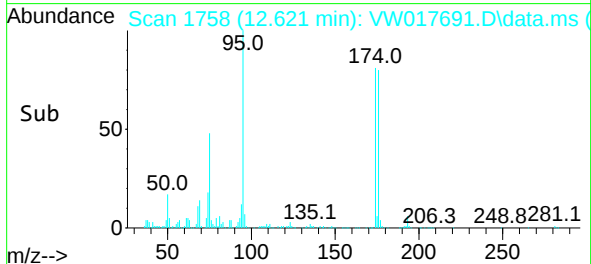
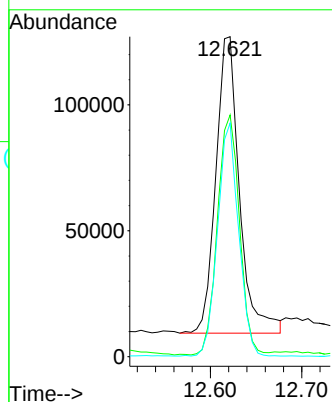
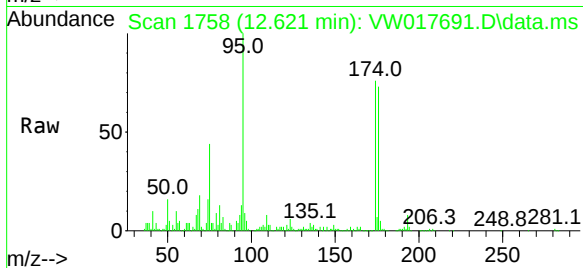




#62
4-Bromofluorobenzene
Concen: 50.39 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

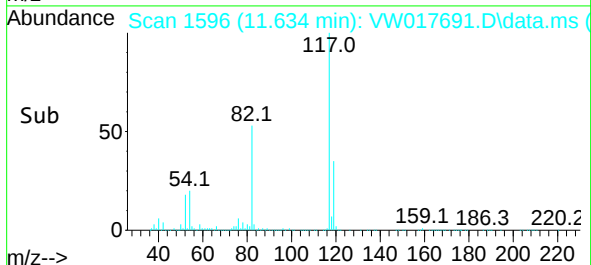
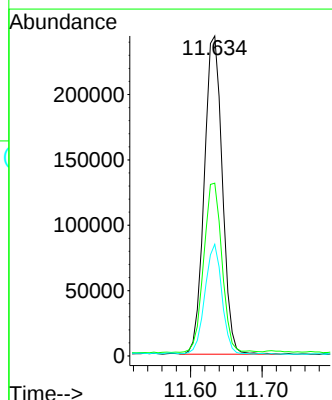
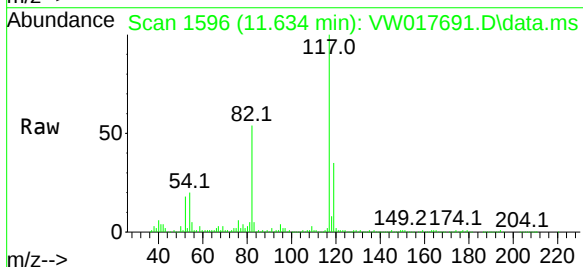
Instrument :
MSVOA_W
ClientSampleId :

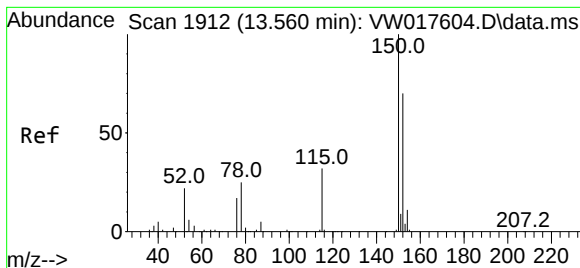
Tgt Ion: 95 Resp: 211604
Ion Ratio Lower Upper
95 100
174 74.8 0.0 180.6
176 69.9 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

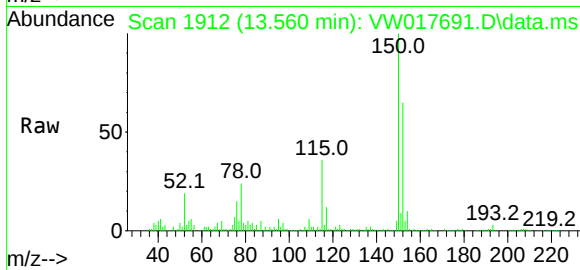
Tgt Ion:117 Resp: 426796
Ion Ratio Lower Upper
117 100
82 53.1 40.7 61.1
119 34.5 25.0 37.4



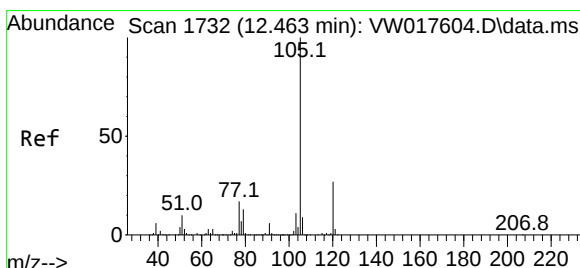
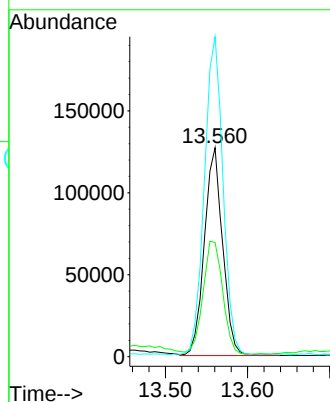
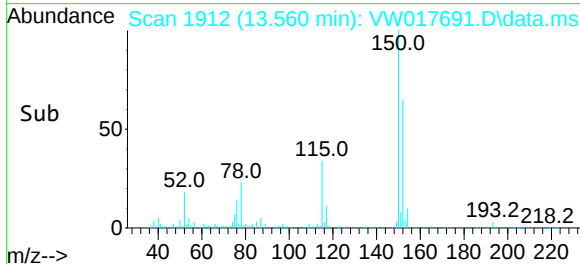


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

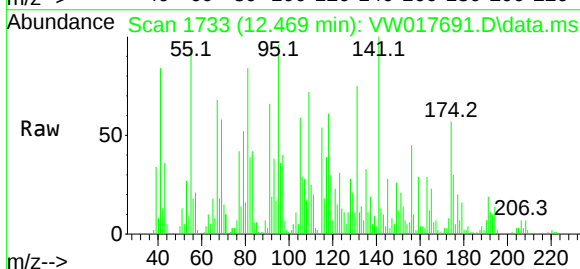
Instrument :
MSVOA_W
ClientSampleId :



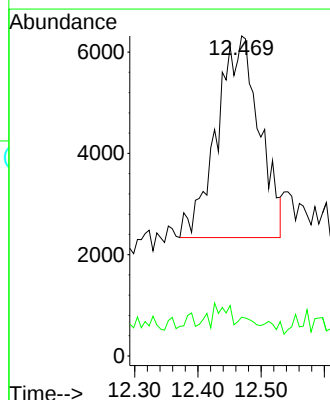
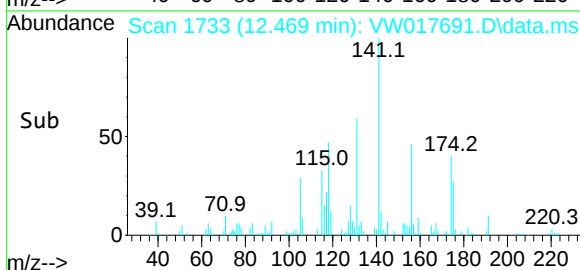
Tgt Ion:152 Resp: 196215
Ion Ratio Lower Upper
152 100
115 58.1 27.9 83.7
150 155.1 0.0 344.0

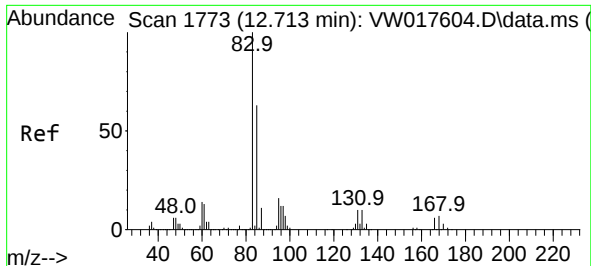


#73
Isopropylbenzene
Concen: 1.20 ug/l
RT: 12.469 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17



Tgt Ion:105 Resp: 18585
Ion Ratio Lower Upper
105 100
120 1.1 13.6 40.7#

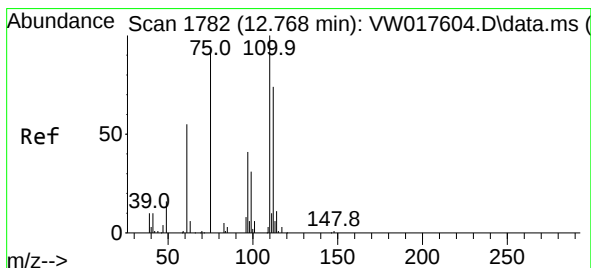
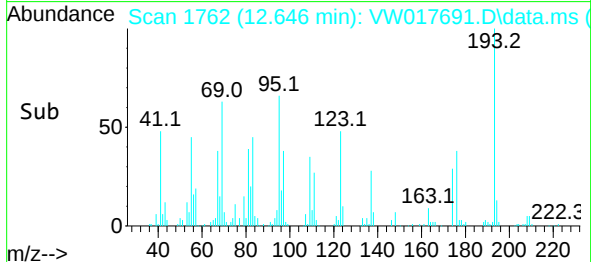
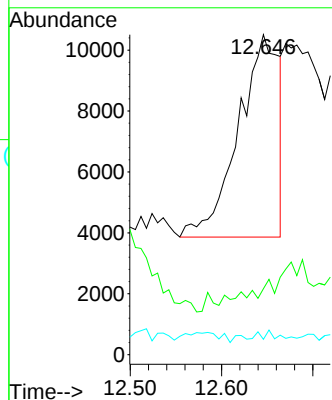
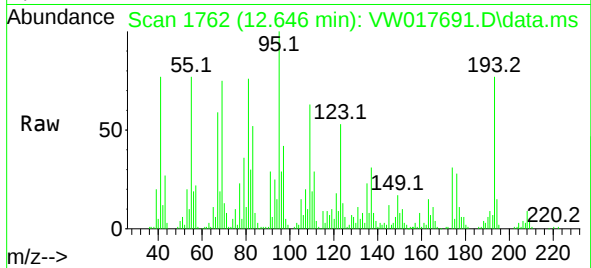




#75
1,1,2,2-Tetrachloroethane
Concen: 7.93 ug/l
RT: 12.646 min Scan# 1762
Delta R.T. -0.067 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

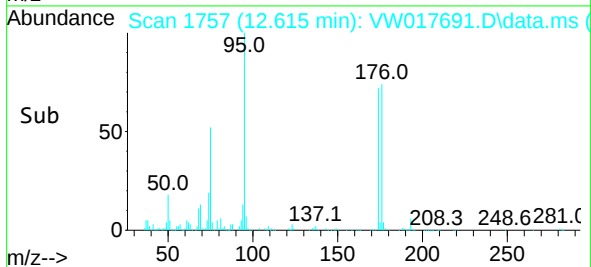
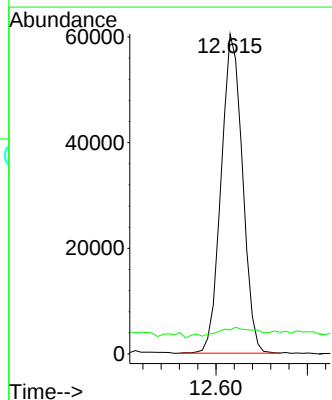
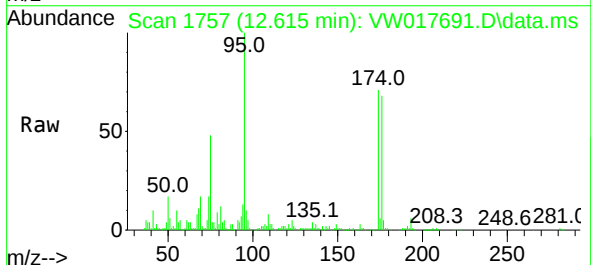
Instrument :
MSVOA_W
ClientSampleId :

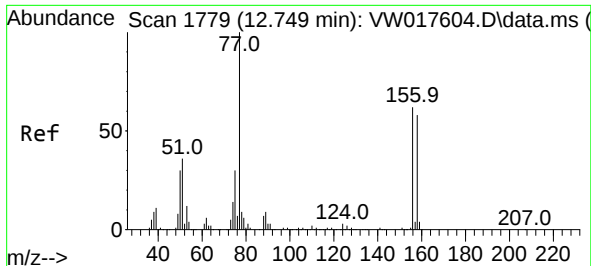
Tgt Ion: 83 Resp: 20517
Ion Ratio Lower Upper
83 100
131 0.0 6.1 18.3#
85 0.5 32.7 98.1#



#76
1,2,3-Trichloropropane
Concen: 51.96 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

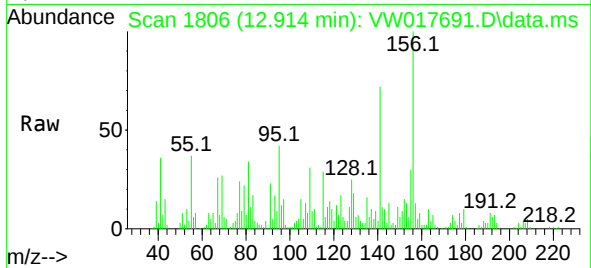
Tgt Ion: 75 Resp: 98150
Ion Ratio Lower Upper
75 100
77 4.6 178.8 536.3#



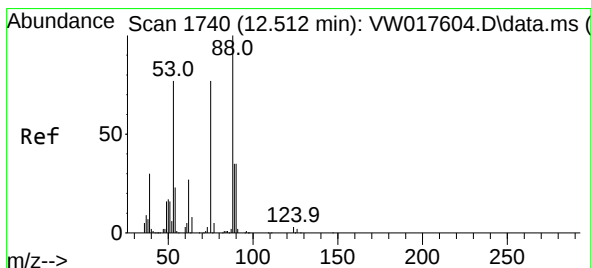
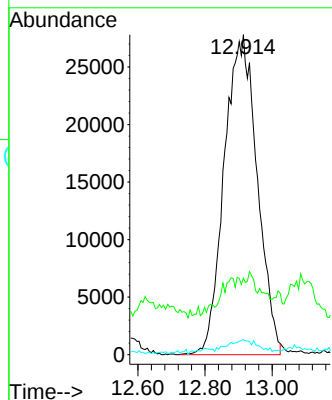
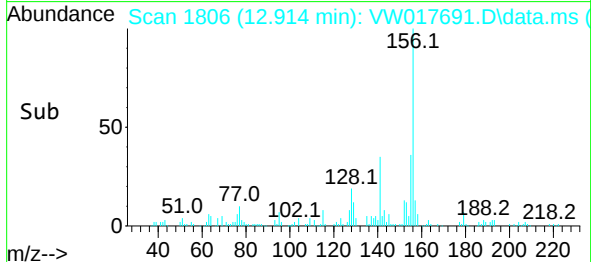


#77
Bromobenzene
Concen: 56.96 ug/l
RT: 12.914 min Scan# 1806
Delta R.T. 0.165 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17

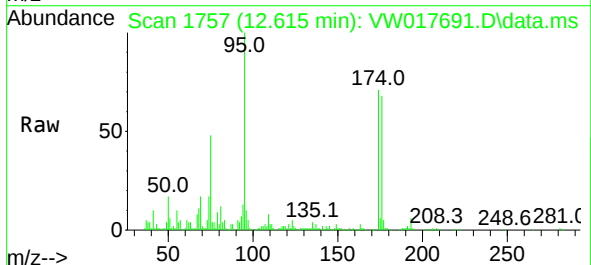
Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:156 Resp: 189275
Ion Ratio Lower Upper
156 100
77 0.0 79.0 237.2#
158 2.3 47.0 141.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.28 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017691.D
Acq: 21 Dec 2020 17:17



Tgt Ion: 75 Resp: 98150
Ion Ratio Lower Upper
75 100
53 1.6 77.0 115.4#
89 0.5 38.7 58.1#

