

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017709.D
 Acq On : 23 Dec 2020 13:58
 Operator : SY/VA
 Sample : L5190-01
 Misc : 6.60G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OK-01-122220

Quant Time: Dec 24 01:36:07 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)

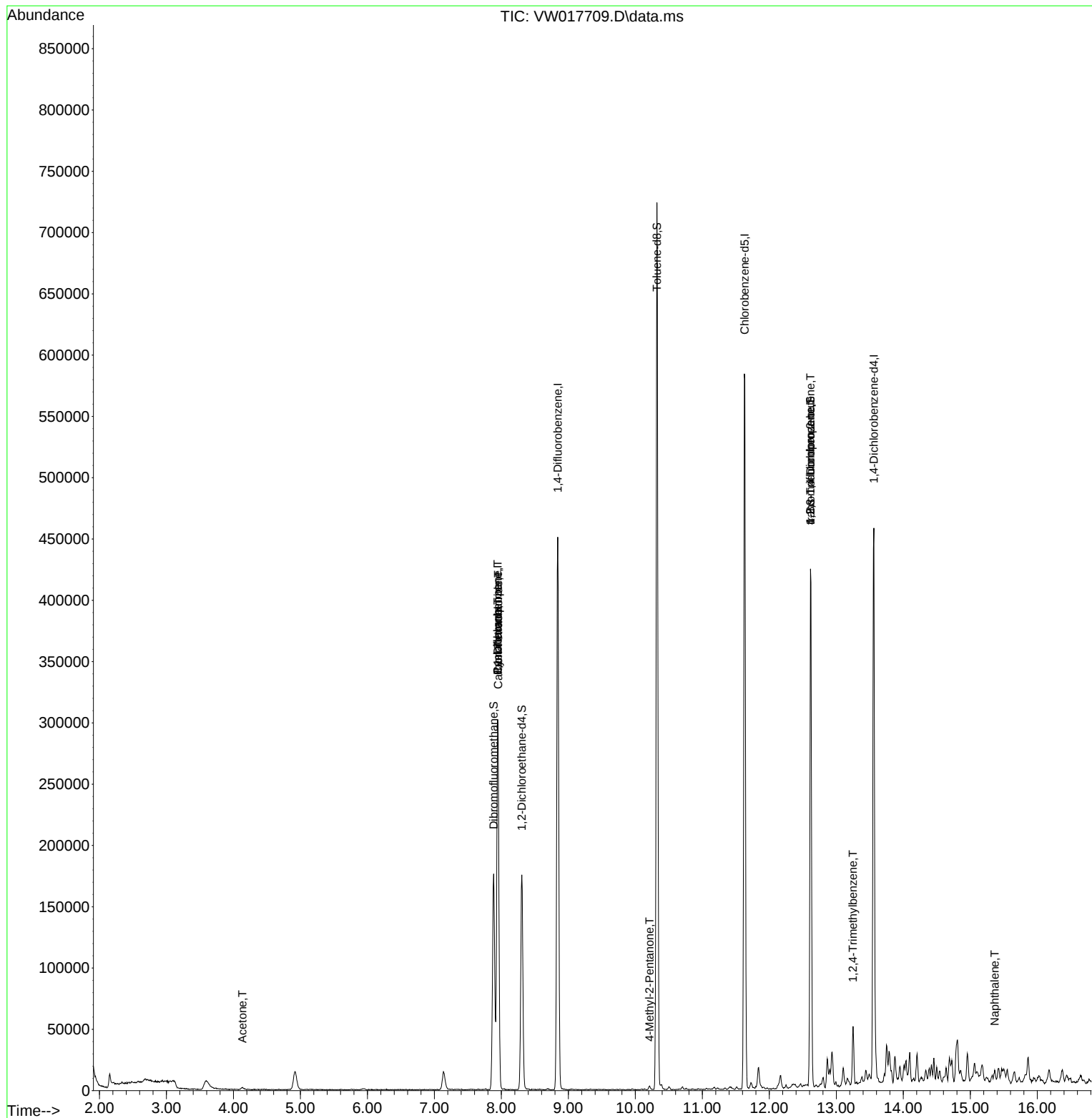
Internal Standards						
1) Pentafluorobenzene	7.945	168	216095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	376516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	314297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	112639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	139322	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
35) Dibromofluoromethane	7.884	113	119679	48.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.06%	
50) Toluene-d8	10.323	98	456570	47.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.12%	
62) 4-Bromofluorobenzene	12.615	95	132828	38.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.70%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.202	59	213	Below Cal	#	82
16) Acetone	4.135	43	2910	5.08	ug/l #	84
20) Methylene Chloride	4.921	84	12211	Below Cal	#	84
26) 2,2-Dichloropropane	7.140	77	1244	Below Cal	#	50
31) Cyclohexane	7.945	56	5862	1.29	ug/l #	37
36) 1,1-Dichloropropene	7.945	75	18885	4.79	ug/l #	49
38) Carbon Tetrachloride	7.951	117	22705	5.73	ug/l #	13
51) 4-Methyl-2-Pentanone	10.213	43	2155	1.40	ug/l #	82
76) 1,2,3-Trichloropropane	12.615	75	75215	69.37	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	75215	140.55	ug/l #	11
84) 1,2,4-Trimethylbenzene	13.249	105	25813	3.48	ug/l	94
95) Naphthalene	15.365	128	6048	1.37	ug/l #	93

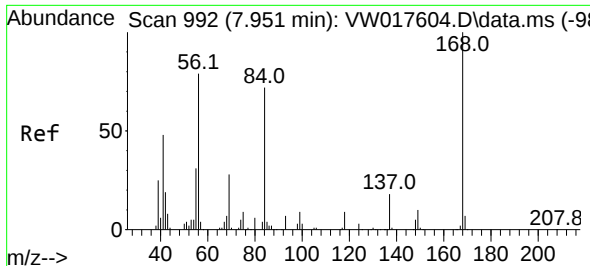
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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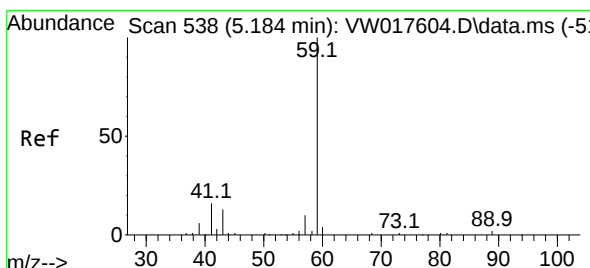
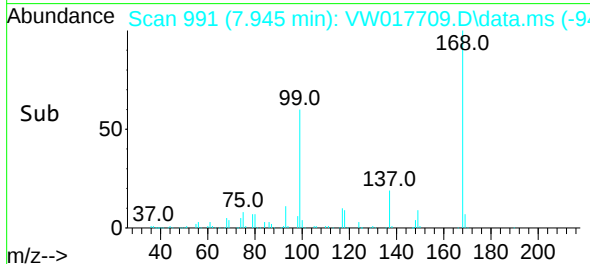
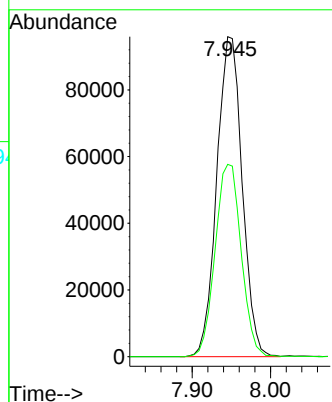
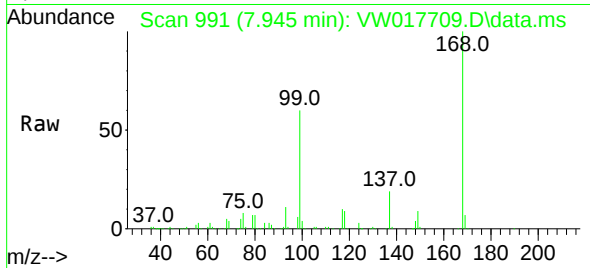




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

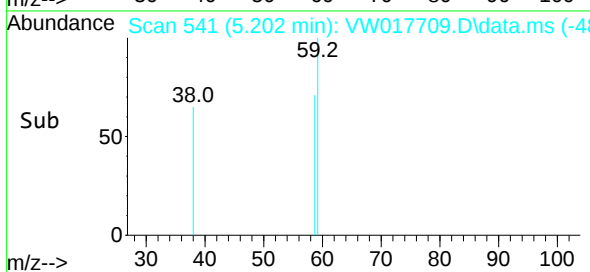
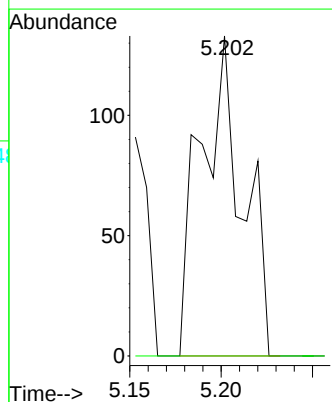
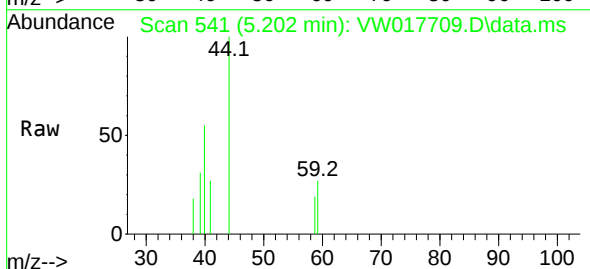
Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220

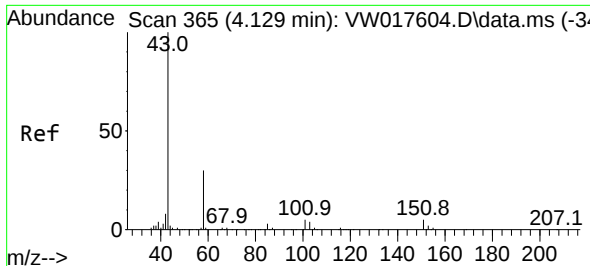
Tgt Ion:168 Resp: 216095
Ion Ratio Lower Upper
168 100
99 60.1 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.202 min Scan# 541
Delta R.T. 0.018 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Tgt Ion: 59 Resp: 213
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

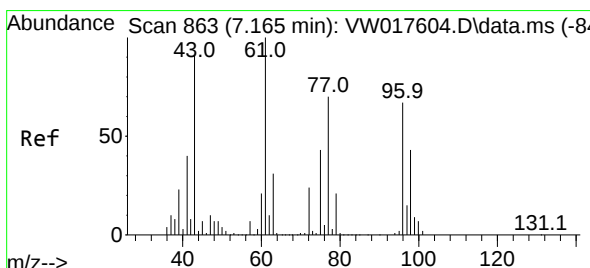
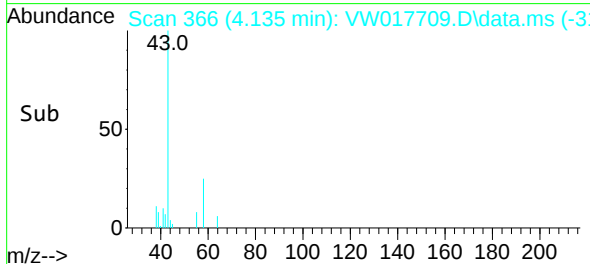
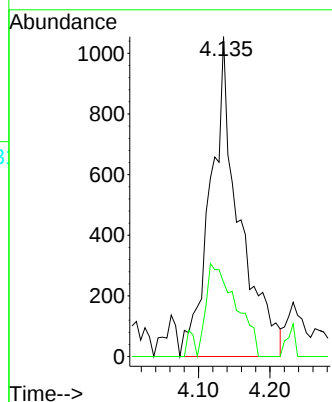
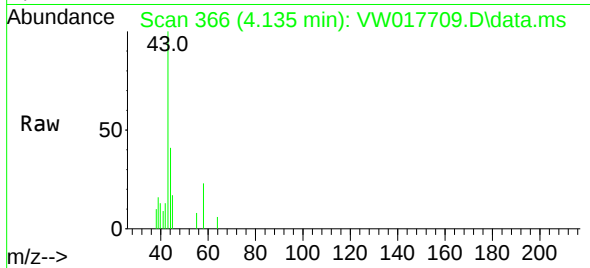




#16
Acetone
Concen: 5.08 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

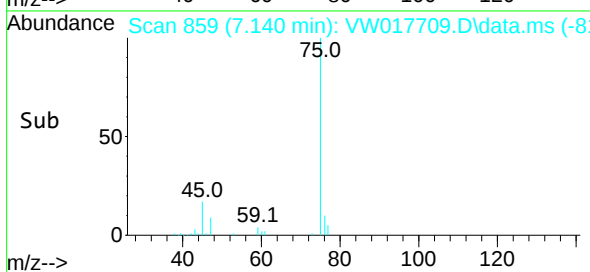
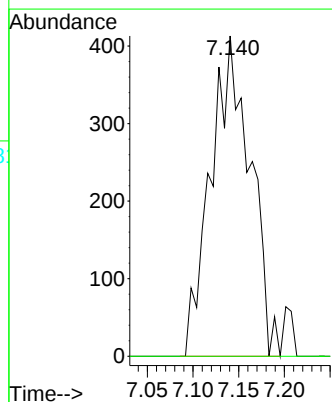
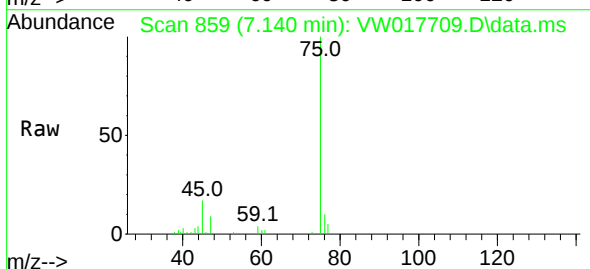
Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220

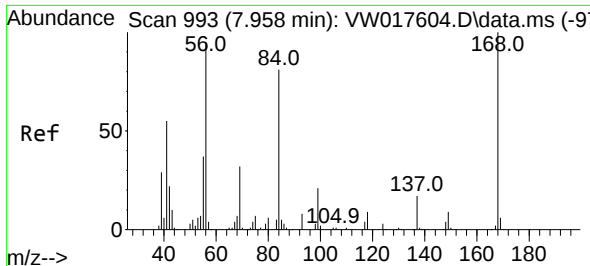
Tgt Ion: 43 Resp: 2910
Ion Ratio Lower Upper
43 100
58 23.2 25.7 38.5#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.140 min Scan# 859
Delta R.T. -0.025 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Tgt Ion: 77 Resp: 1244
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

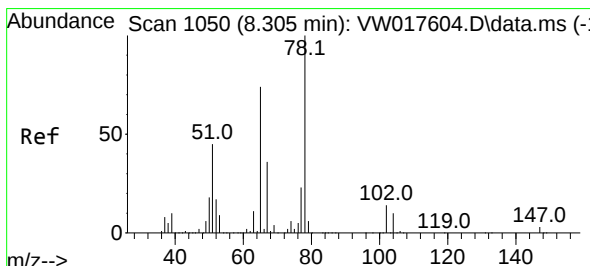
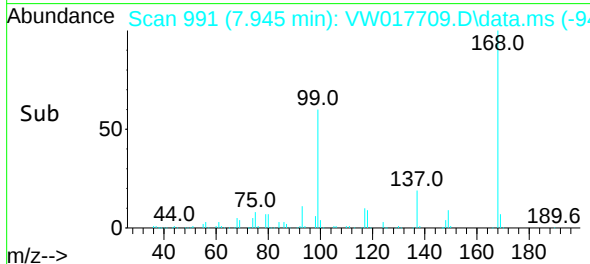
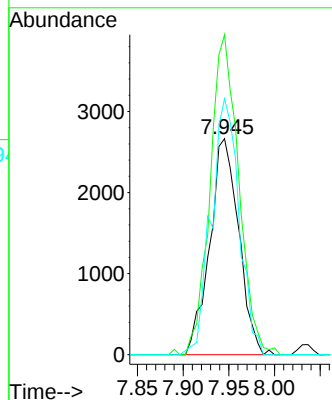
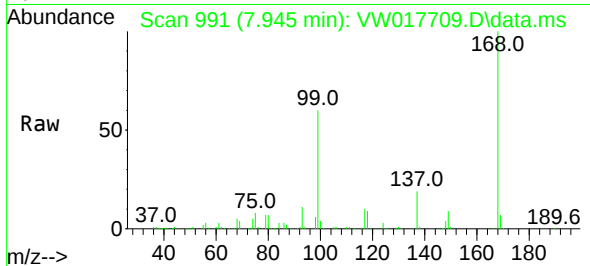




#31
Cyclohexane
Concen: 1.29 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

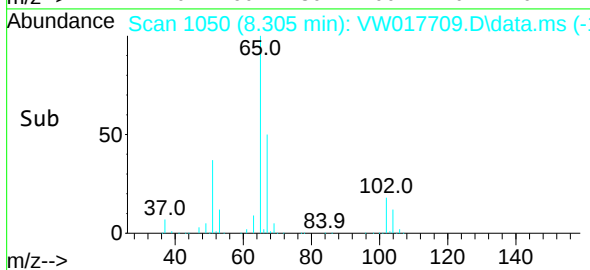
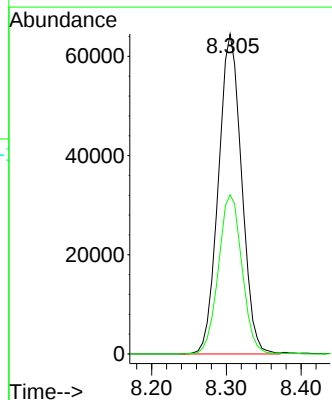
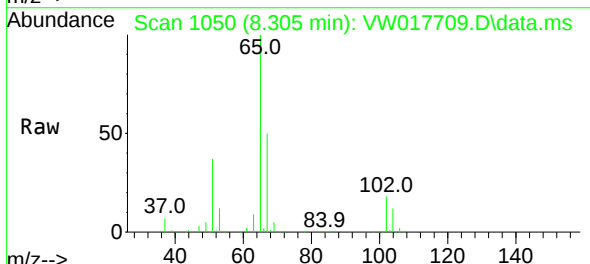
Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220

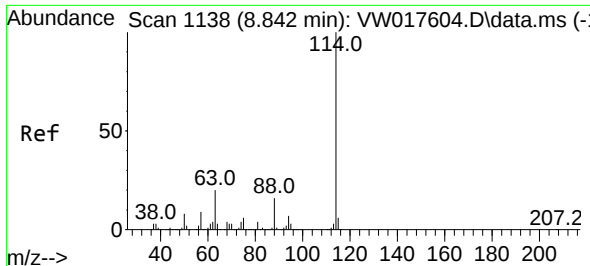
Tgt Ion: 56 Resp: 5862
Ion Ratio Lower Upper
56 100
69 148.2 29.3 43.9#
84 118.5 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 52.93 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

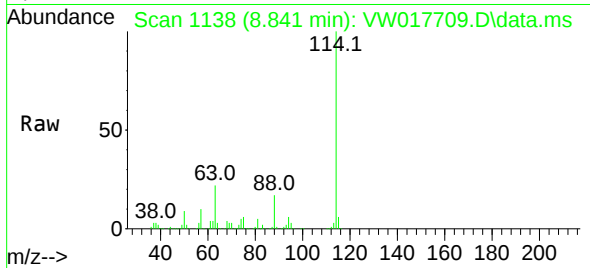
Tgt Ion: 65 Resp: 139322
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.8



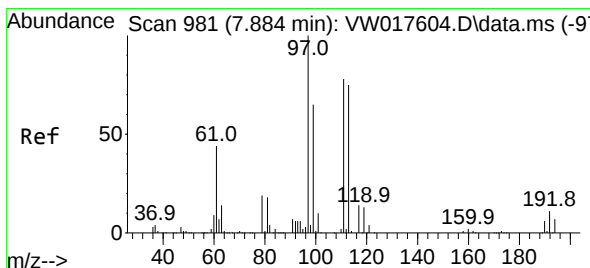
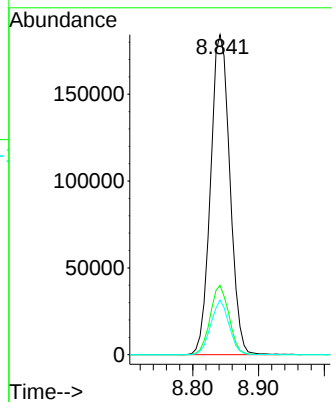
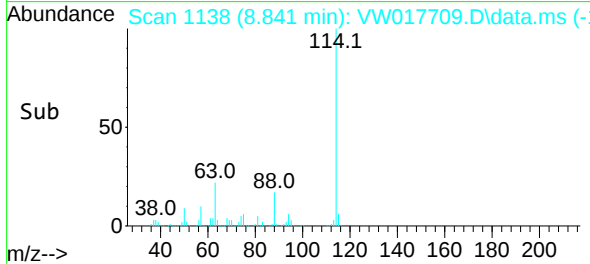


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

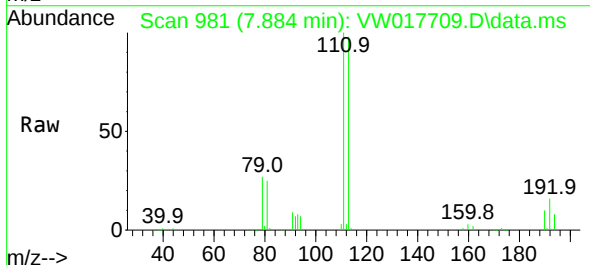
Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220



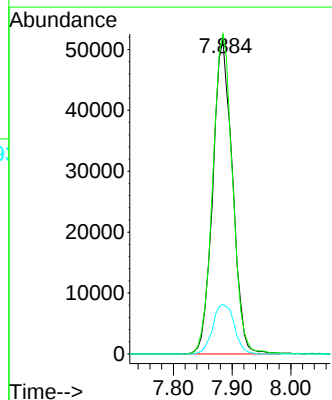
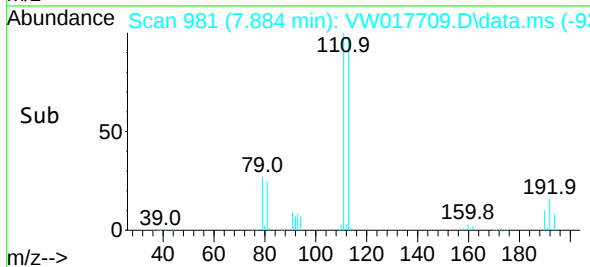
Tgt Ion:114 Resp: 376516
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.6
88 17.1 0.0 30.4

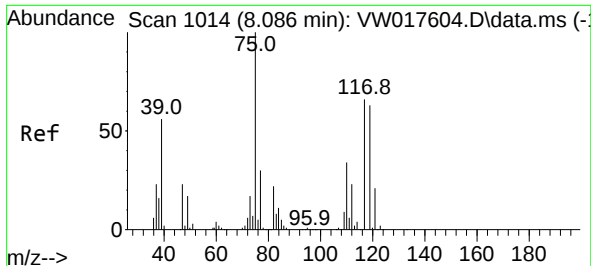


#35
Dibromofluoromethane
Concen: 48.03 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58



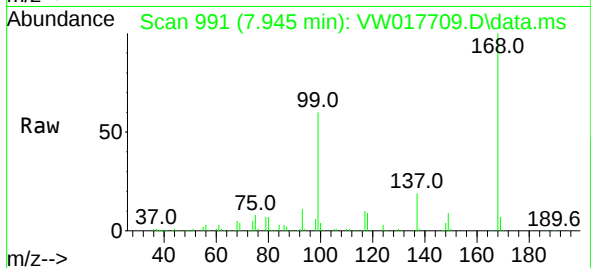
Tgt Ion:113 Resp: 119679
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.2
192 17.3 17.8 26.8#



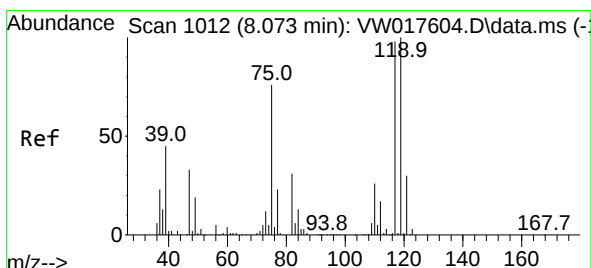
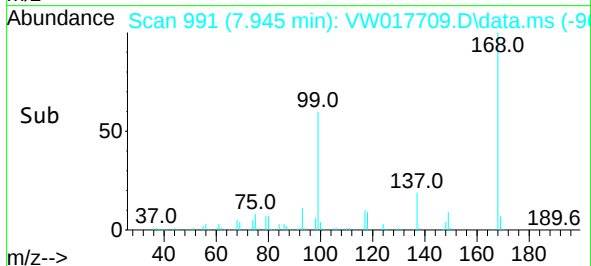
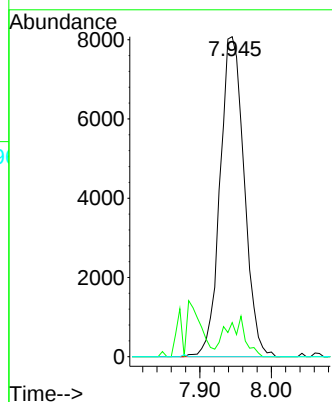


#36
1,1-Dichloropropene
Concen: 4.79 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Instrument :
MSVOA_W
ClientSampled :
OK-01-122220

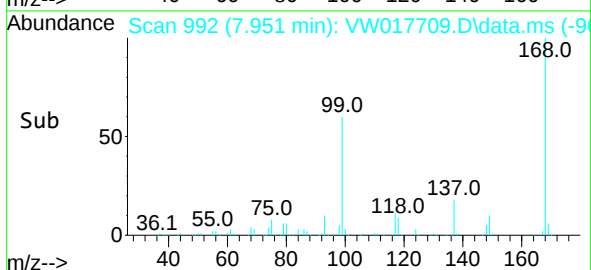
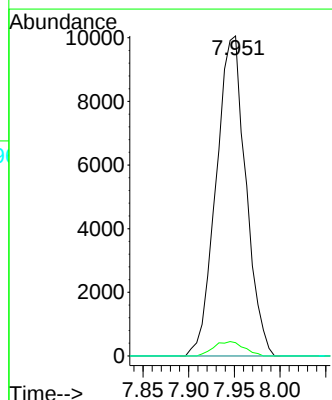
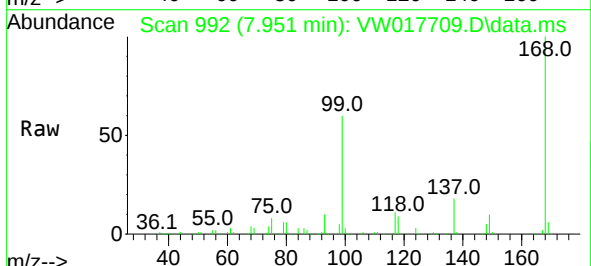


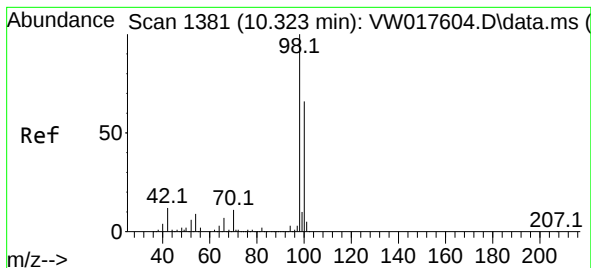
Tgt Ion: 75 Resp: 18885
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.73 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Tgt Ion: 117 Resp: 22705
Ion Ratio Lower Upper
117 100
119 4.2 81.6 122.4#
121 0.0 25.7 38.5#

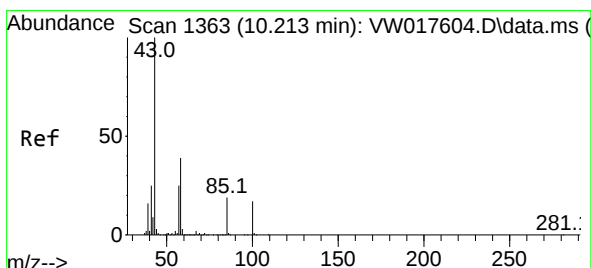
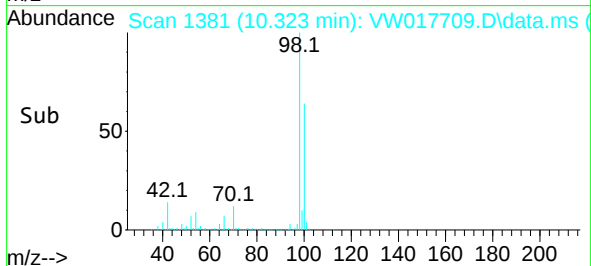
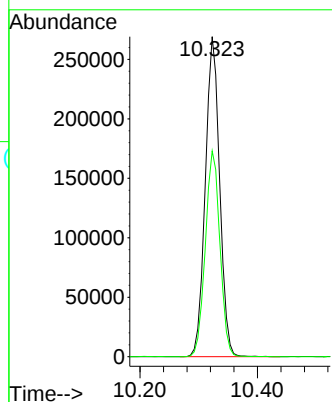
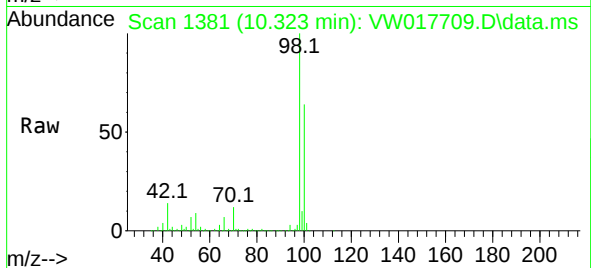




#50
Toluene-d8
Concen: 47.06 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

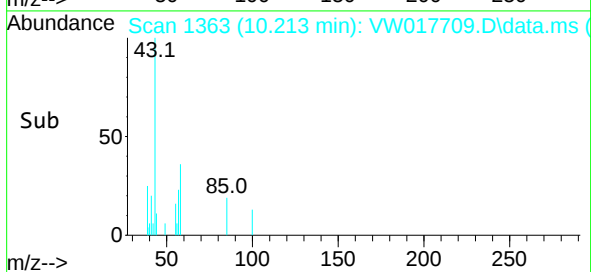
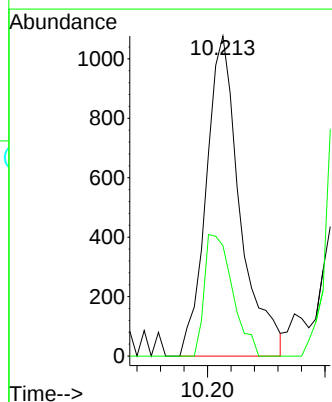
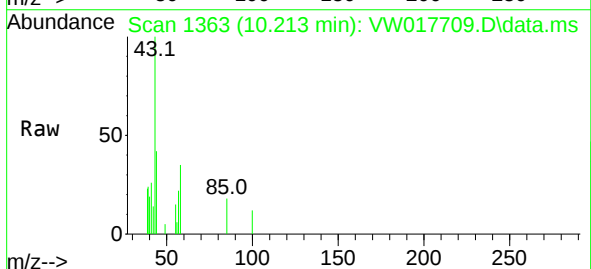
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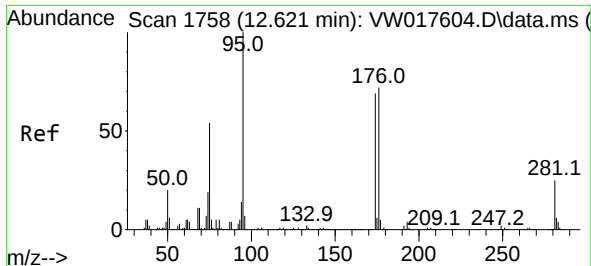
Tgt Ion: 98 Resp: 456570
Ion Ratio Lower Upper
98 100
100 65.5 53.3 79.9



#51
4-Methyl-2-Pentanone
Concen: 1.40 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Tgt Ion: 43 Resp: 2155
Ion Ratio Lower Upper
43 100
58 31.6 34.7 52.1#

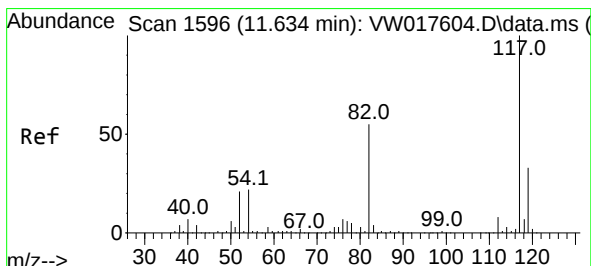
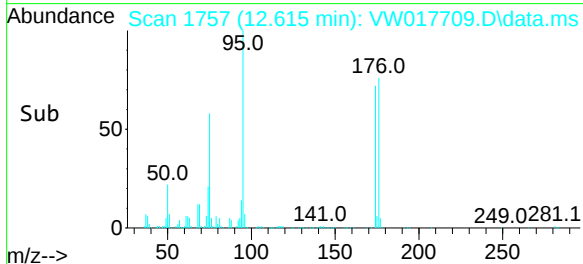
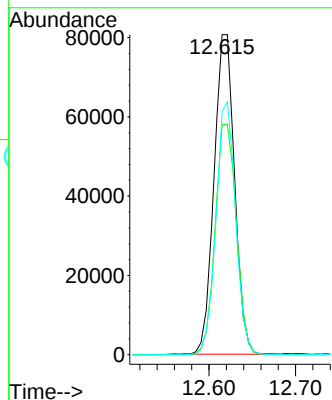
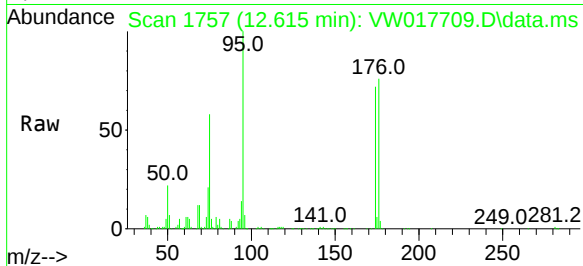




#62
4-Bromofluorobenzene
Concen: 38.35 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

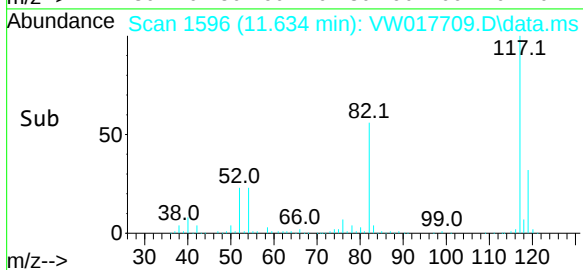
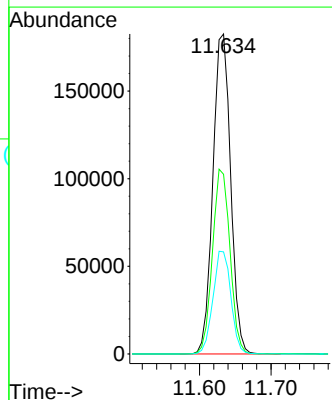
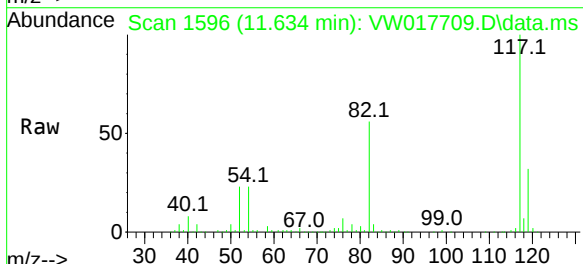
Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220

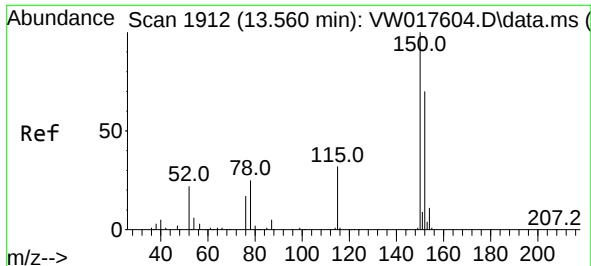
Tgt Ion:	95	Resp:	132828
Ion	Ratio	Lower	Upper
95	100		
174	74.7	0.0	180.6
176	75.4	0.0	177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Tgt Ion:	117	Resp:	314297
Ion	Ratio	Lower	Upper
117	100		
82	56.1	40.7	61.1
119	31.9	25.0	37.4

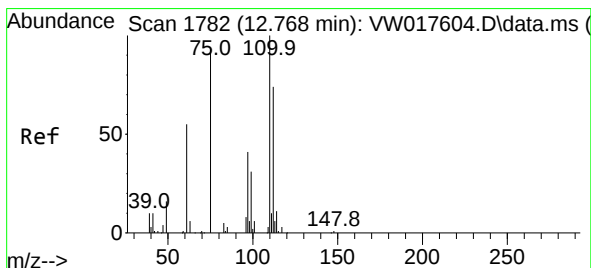
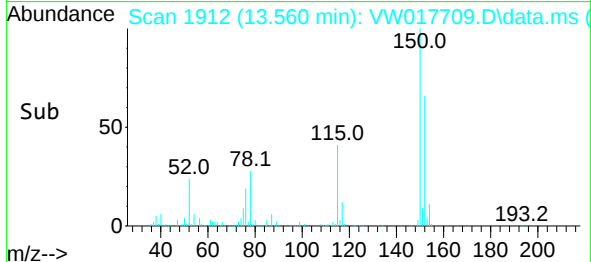
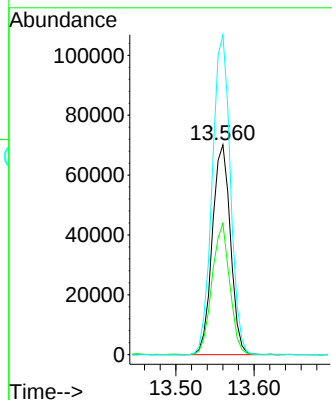
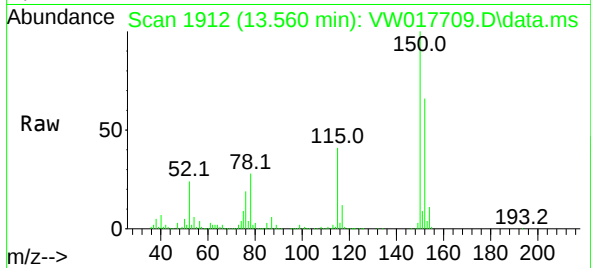




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

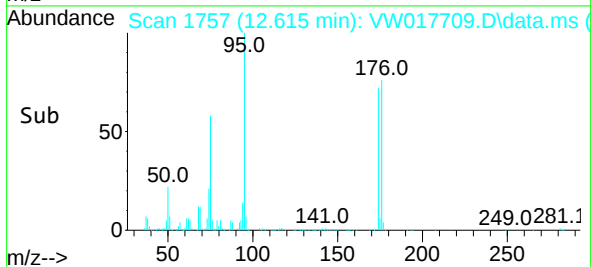
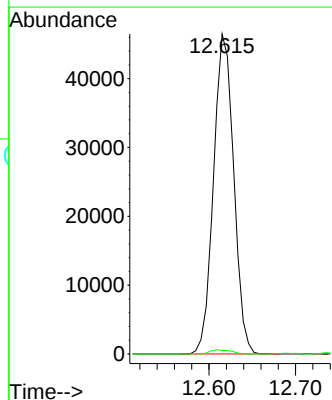
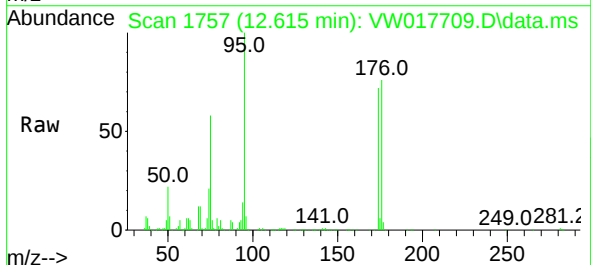
Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220

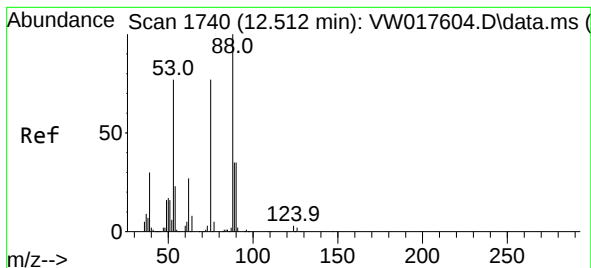
Tgt Ion:152 Resp: 112639
Ion Ratio Lower Upper
152 100
115 61.1 27.9 83.7
150 152.6 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 69.37 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Tgt Ion: 75 Resp: 75215
Ion Ratio Lower Upper
75 100
77 1.4 178.8 536.3#

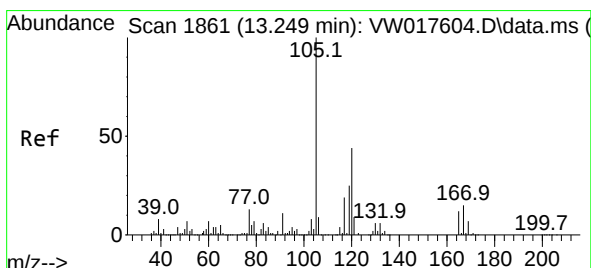
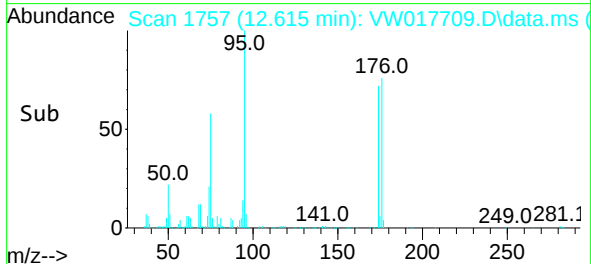
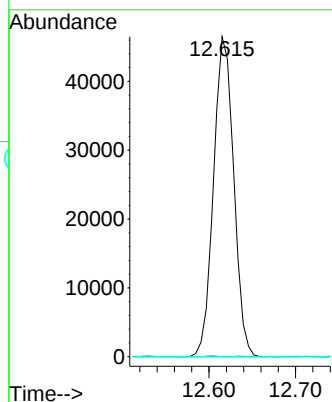
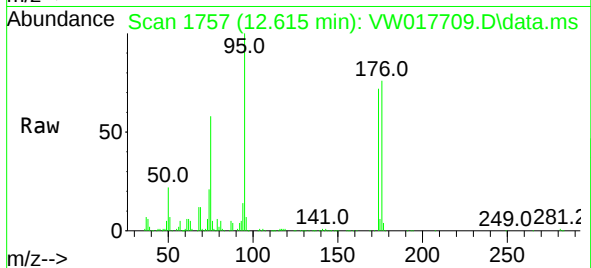




#81
trans-1,4-Dichloro-2-butene
Concen: 140.55 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

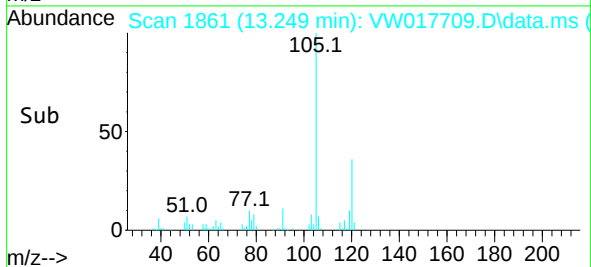
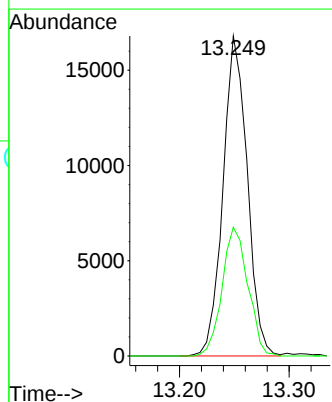
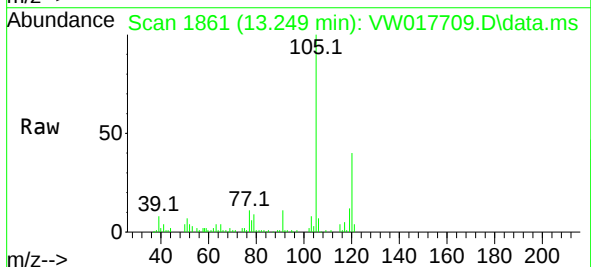
Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220

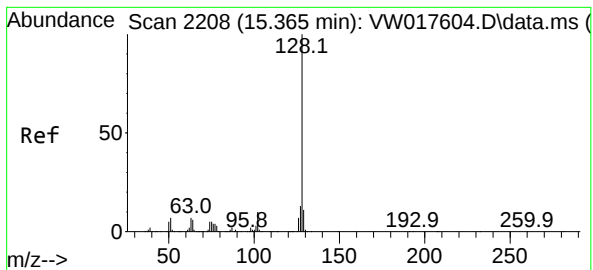
Tgt Ion: 75 Resp: 75215
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.0 38.7 58.1#



#84
1,2,4-Trimethylbenzene
Concen: 3.48 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Tgt Ion: 105 Resp: 25813
Ion Ratio Lower Upper
105 100
120 42.7 23.4 70.0





#95
Naphthalene
Concen: 1.37 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017709.D
Acq: 23 Dec 2020 13:58

Instrument :
MSVOA_W
ClientSampleId :
OK-01-122220

Tgt Ion:128 Resp: 6048
Ion Ratio Lower Upper
128 100
127 18.1 10.4 15.6#
129 10.9 8.6 12.8

