

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017713.D
 Acq On : 23 Dec 2020 15:40
 Operator : SY/VA
 Sample : L5189-06
 Misc : 6.25G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 09

Quant Time: Dec 24 01:37:24 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)

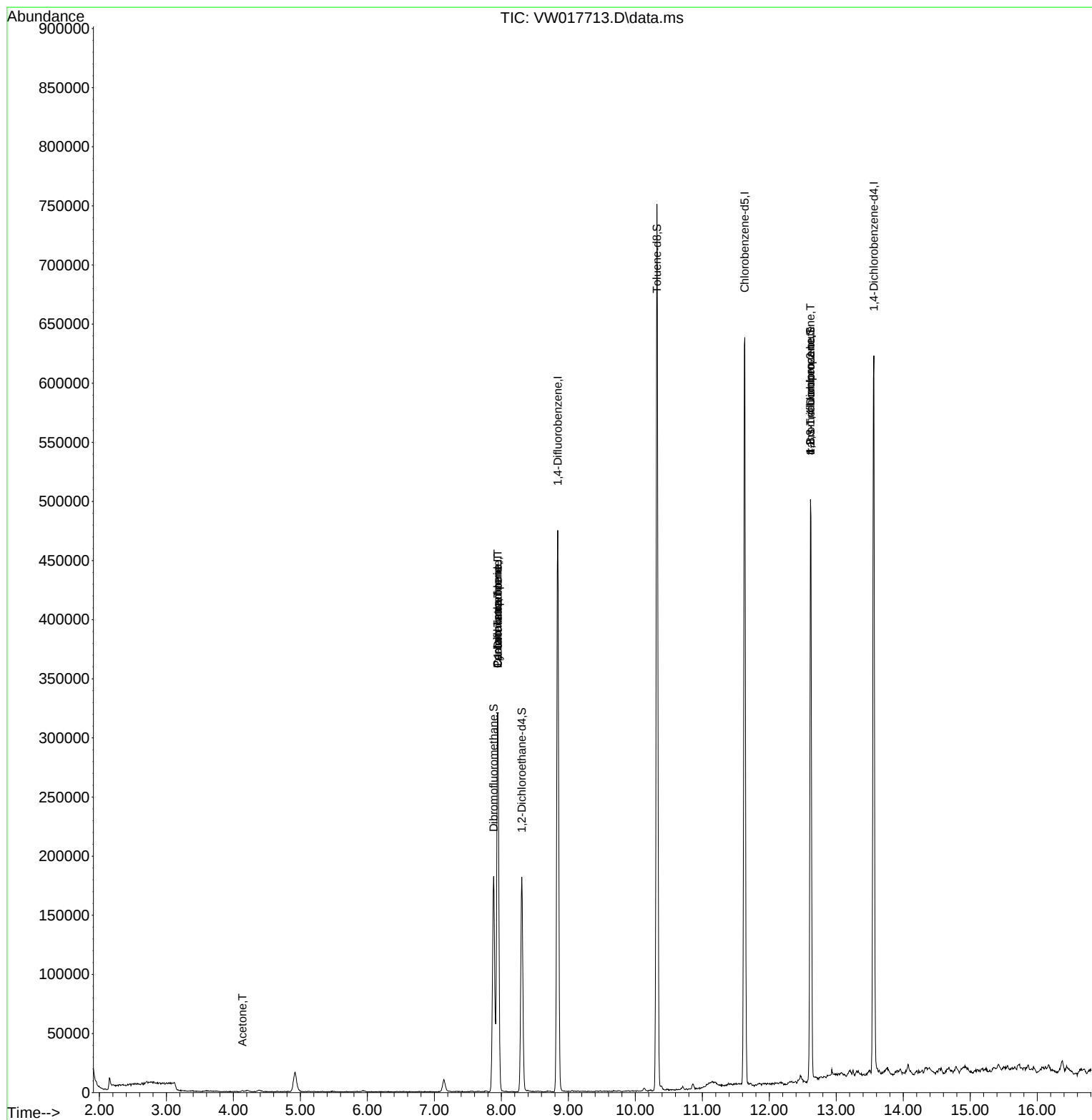
Internal Standards						
1) Pentafluorobenzene	7.945	168	228959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	397035	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	343966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	151274	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	141292	50.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.32%	
35) Dibromofluoromethane	7.884	113	123571	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
50) Toluene-d8	10.323	98	482418	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
62) 4-Bromofluorobenzene	12.615	95	159414	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.178	59	63	Below Cal	#	82
16) Acetone	4.135	43	1281	2.11 ug/l	#	78
20) Methylene Chloride	4.922	84	12899	Below Cal	#	83
26) 2,2-Dichloropropane	7.135	77	804	Below Cal	#	50
31) Cyclohexane	7.945	56	5816	1.21 ug/l	#	49
36) 1,1-Dichloropropene	7.945	75	19227	4.63 ug/l	#	49
38) Carbon Tetrachloride	7.945	117	24077	5.76 ug/l	#	13
76) 1,2,3-Trichloropropane	12.615	75	90330	62.03 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.615	75	90330	125.68 ug/l	#	11

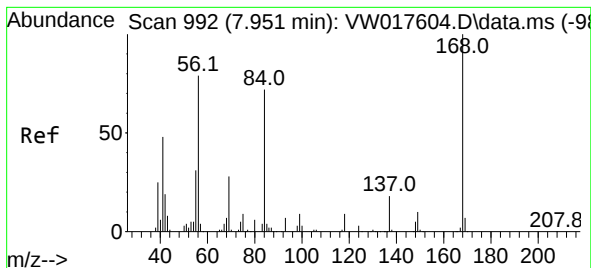
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 24 01:37:24 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

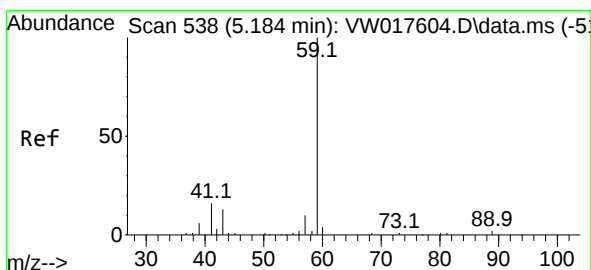
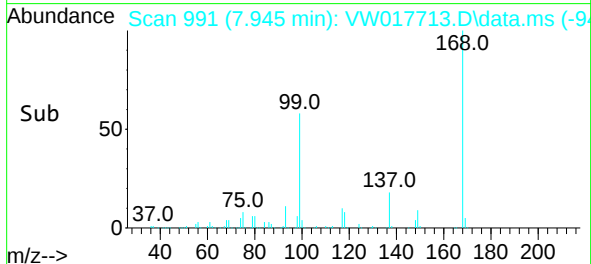
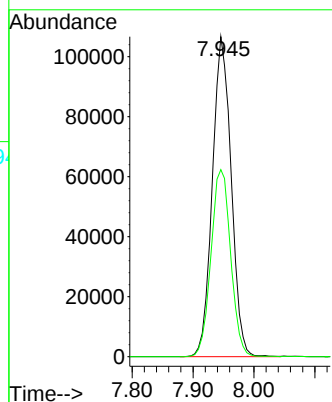
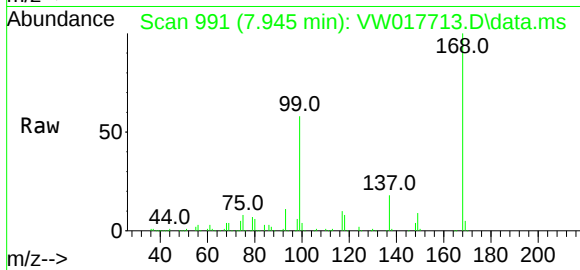




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

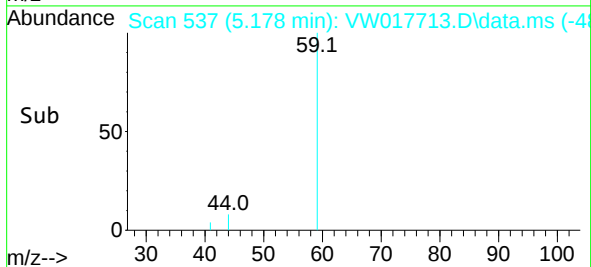
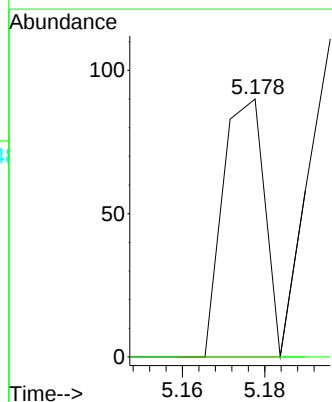
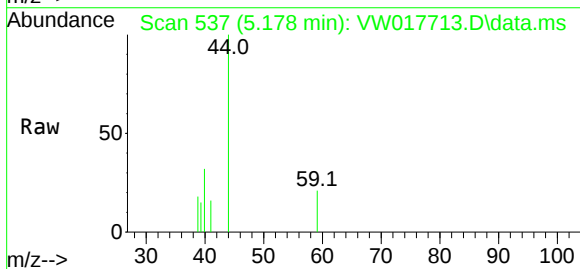
Instrument :
MSVOA_W
ClientSampleId :
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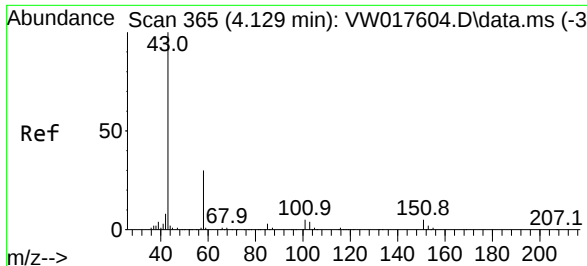
Tgt Ion:168 Resp: 228959
Ion Ratio Lower Upper
168 100
99 58.5 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.178 min Scan# 537
Delta R.T. -0.006 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion: 59 Resp: 63
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

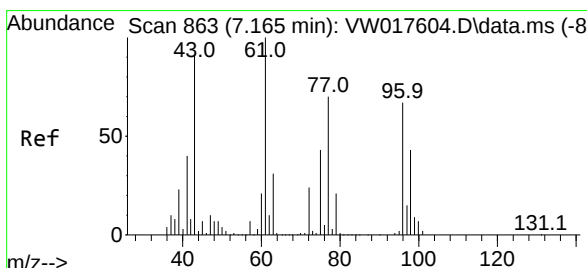
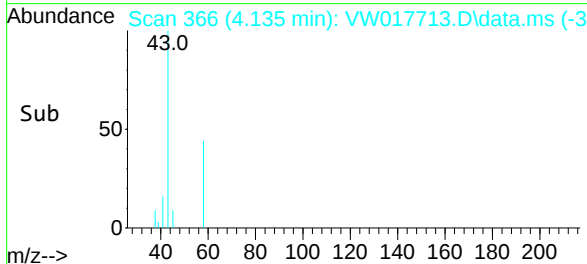
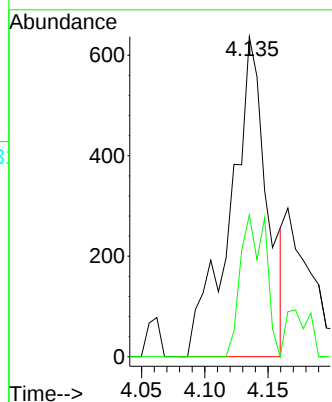
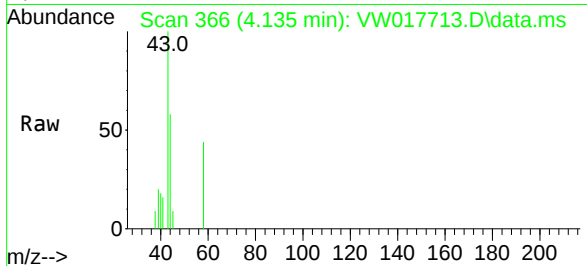




#16
Acetone
Concen: 2.11 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

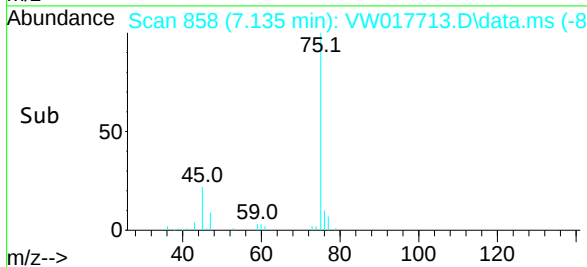
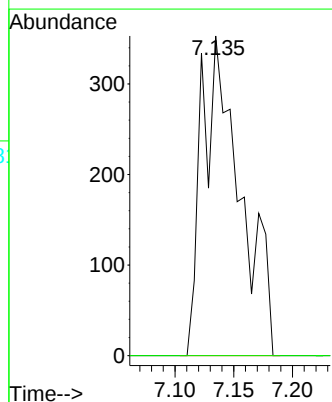
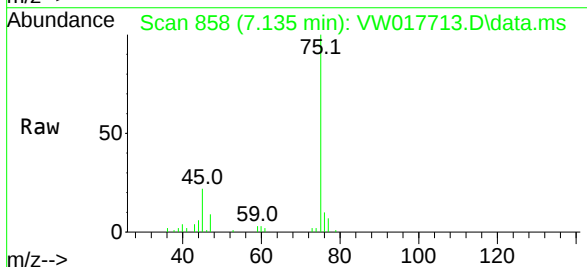
Instrument :
MSVOA_W
ClientSampled :
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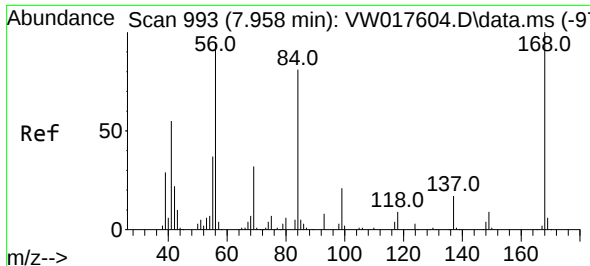
Tgt Ion: 43 Resp: 1281
Ion Ratio Lower Upper
43 100
58 44.3 25.7 38.5#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion: 77 Resp: 804
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

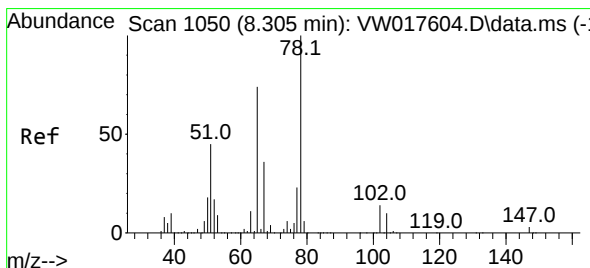
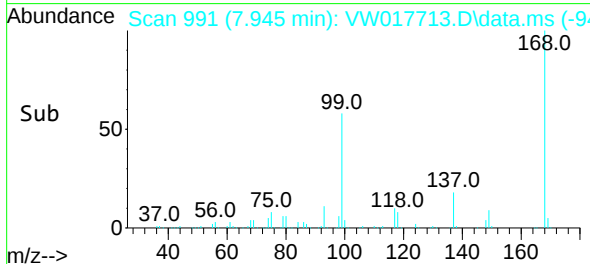
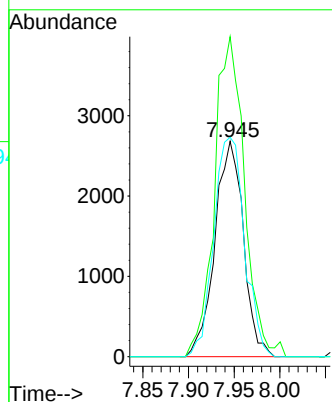
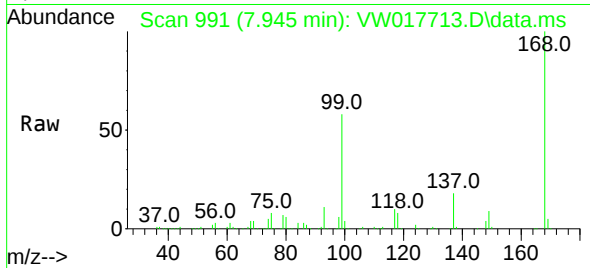




#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

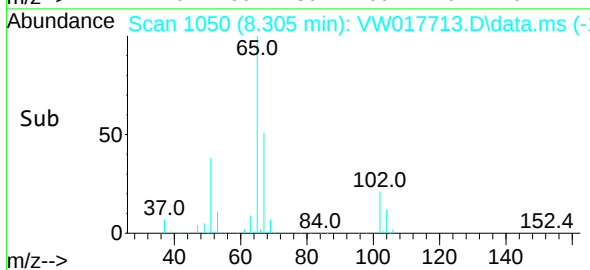
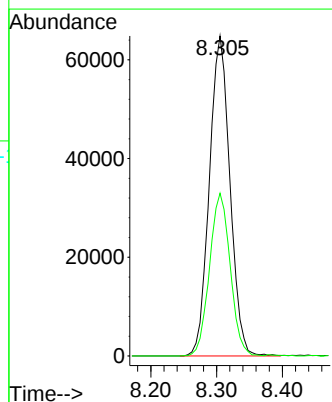
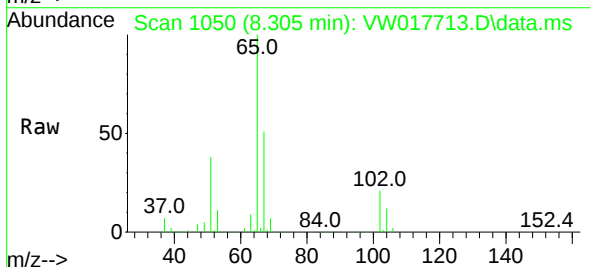
Instrument :
MSVOA_W
ClientSampleId :
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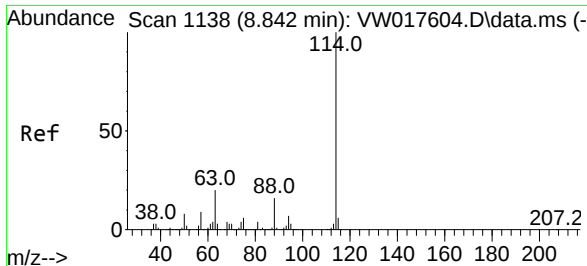
Tgt Ion: 56 Resp: 5816
Ion Ratio Lower Upper
56 100
69 148.6 29.3 43.9#
84 101.9 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 50.66 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

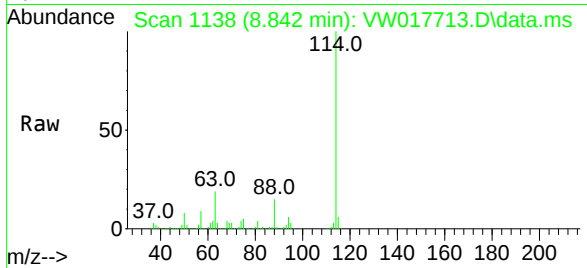
Tgt Ion: 65 Resp: 141292
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.8



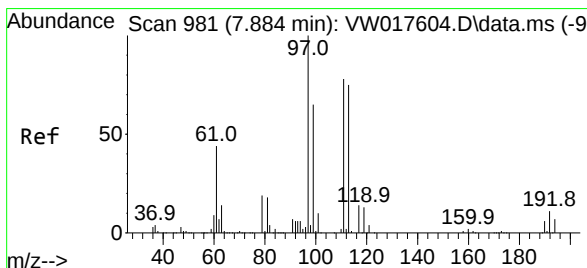
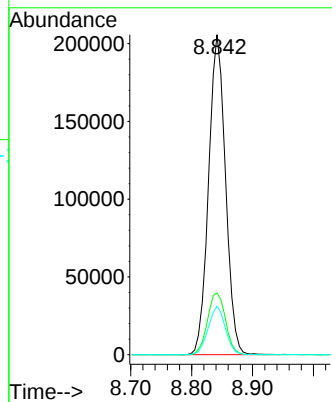
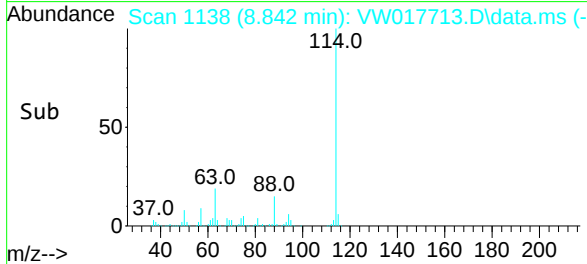


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

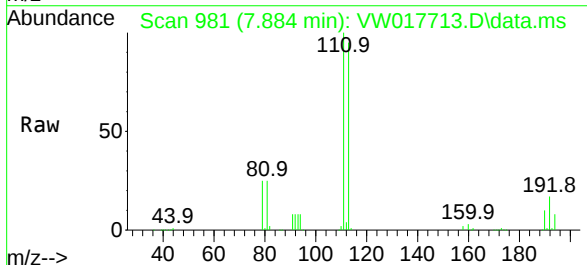
Instrument :
MSVOA_W
ClientSampleId :
09



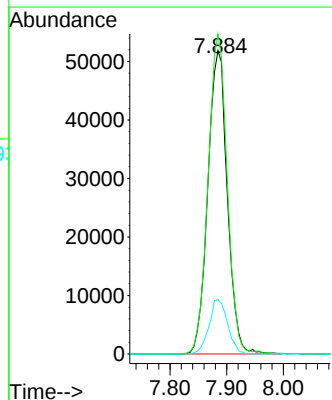
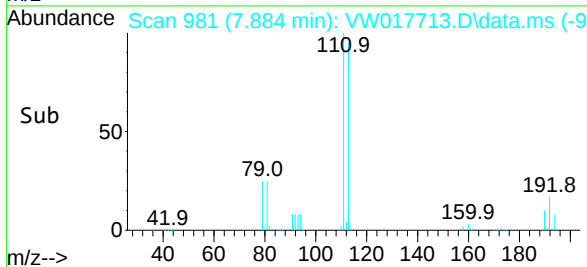
Tgt Ion:114 Resp: 397035
Ion Ratio Lower Upper
114 100
63 19.2 0.0 35.6
88 15.2 0.0 30.4

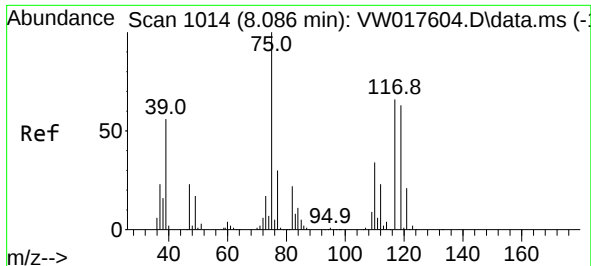


#35
Dibromofluoromethane
Concen: 47.03 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40



Tgt Ion:113 Resp: 123571
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.2
192 17.2 17.8 26.8#

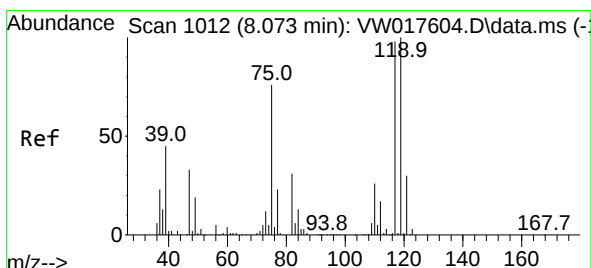
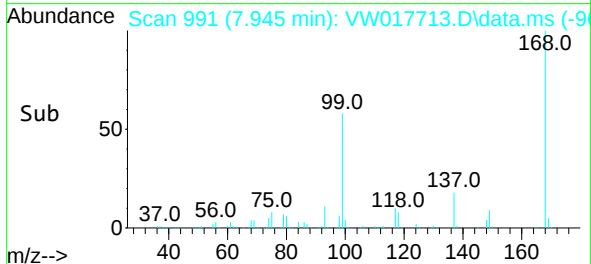
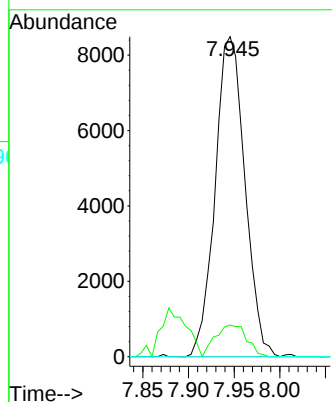
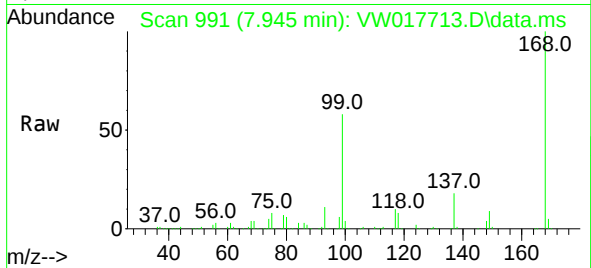




#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

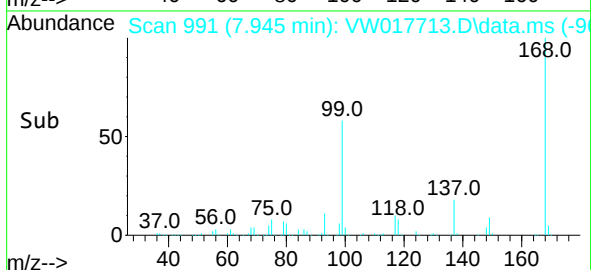
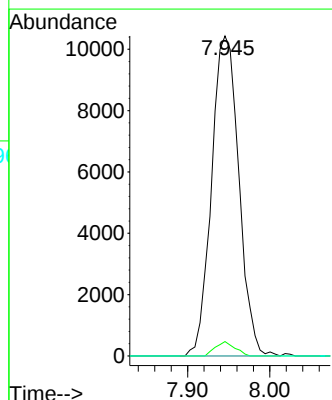
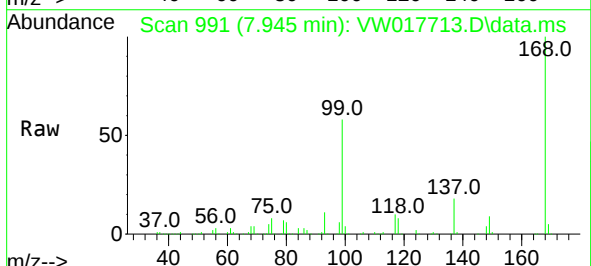
Instrument :
MSVOA_W
ClientSampled :
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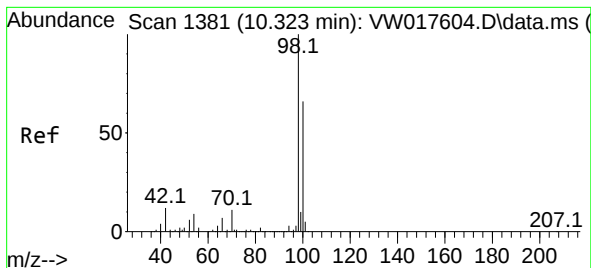
Tgt Ion: 75 Resp: 19227
Ion Ratio Lower Upper
75 100
110 10.5 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.76 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion: 117 Resp: 24077
Ion Ratio Lower Upper
117 100
119 4.5 81.6 122.4#
121 0.0 25.7 38.5#

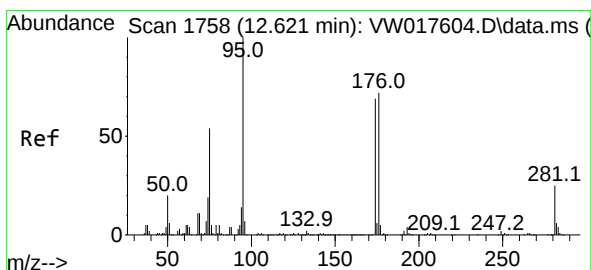
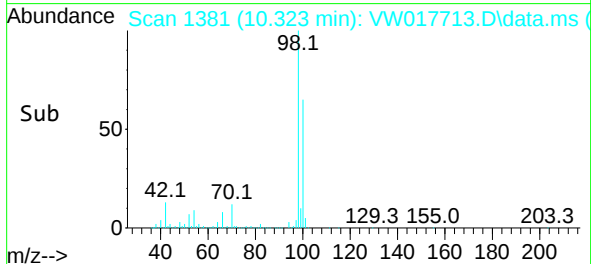
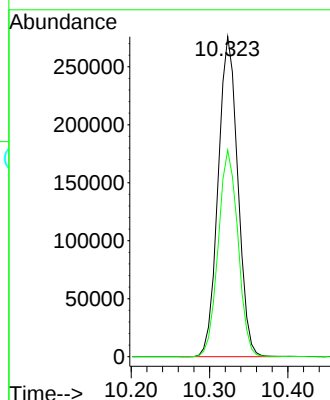
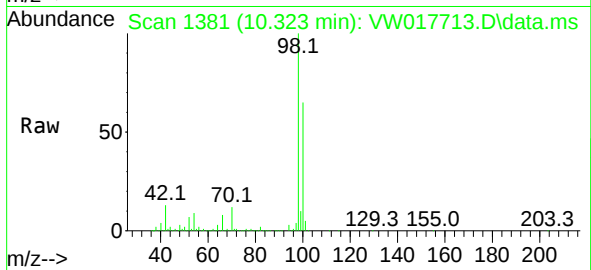




#50
Toluene-d8
Concen: 47.16 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

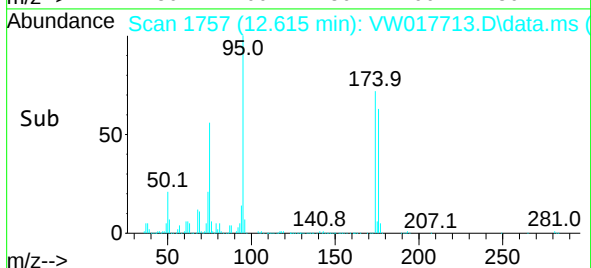
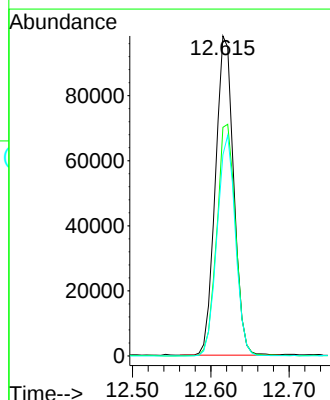
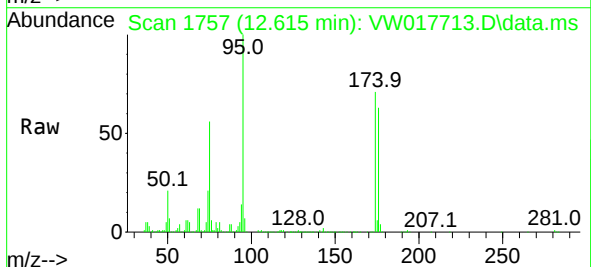
Instrument :
MSVOA_W
ClientSampled :
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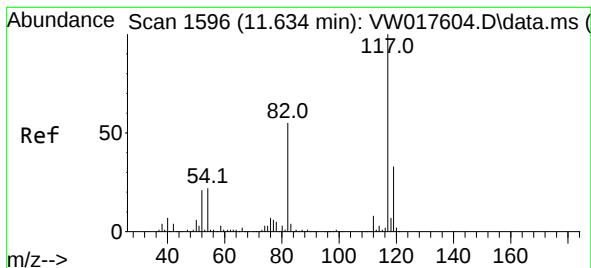
Tgt Ion: 98 Resp: 482418
Ion Ratio Lower Upper
98 100
100 64.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.65 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion: 95 Resp: 159414
Ion Ratio Lower Upper
95 100
174 74.4 0.0 180.6
176 69.2 0.0 177.6

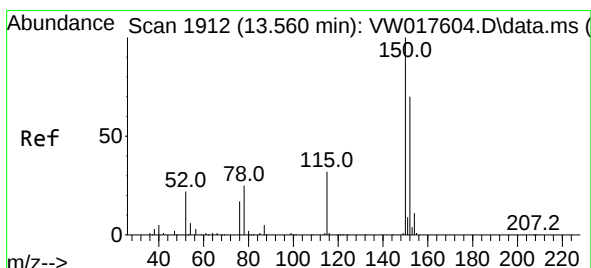
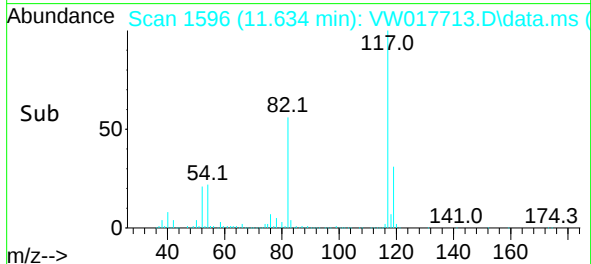
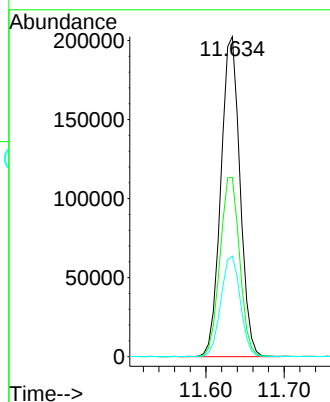
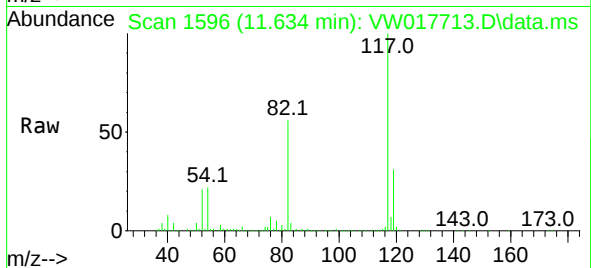




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

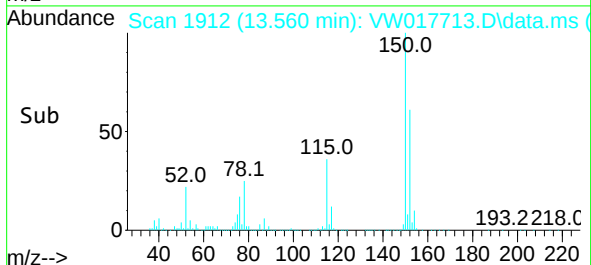
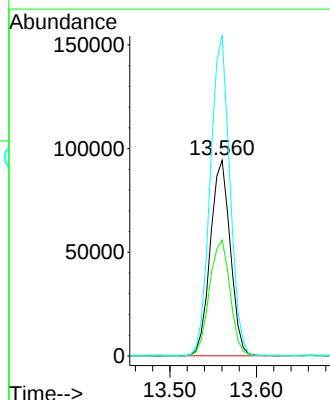
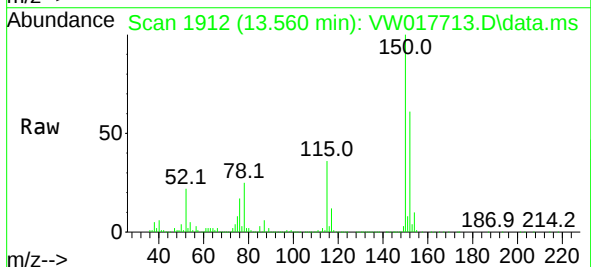
Instrument :
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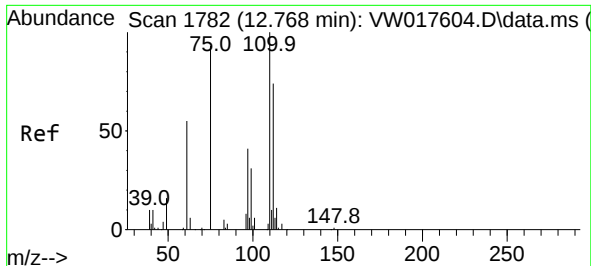
Tgt Ion:117 Resp: 343966
Ion Ratio Lower Upper
117 100
82 55.9 40.7 61.1
119 31.4 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion:152 Resp: 151274
Ion Ratio Lower Upper
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150 160.8 0.0 344.0

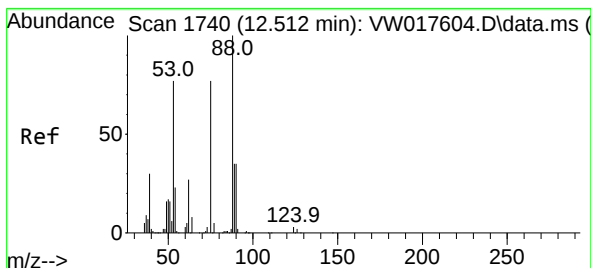
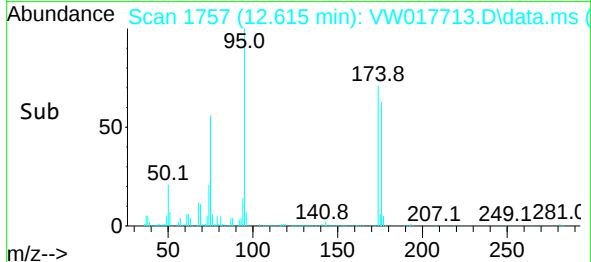
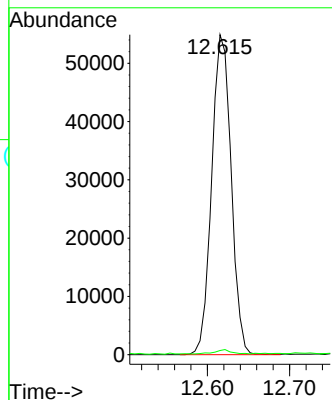
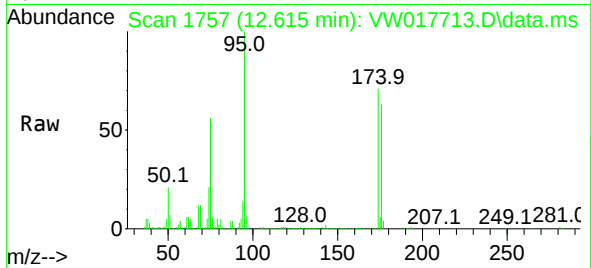




#76
1,2,3-Trichloropropane
Concen: 62.03 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Instrument :
MSVOA_W
ClientSampleId :
09

Tgt Ion: 75 Resp: 90330
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.68 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017713.D
Acq: 23 Dec 2020 15:40

Tgt Ion: 75 Resp: 90330
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.1 38.7 58.1#

