

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
 Data File : VW017671.D
 Acq On : 18 Dec 2020 13:05
 Operator : SY/VA
 Sample : L5126-01
 Misc : 3.86G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:11:22 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)

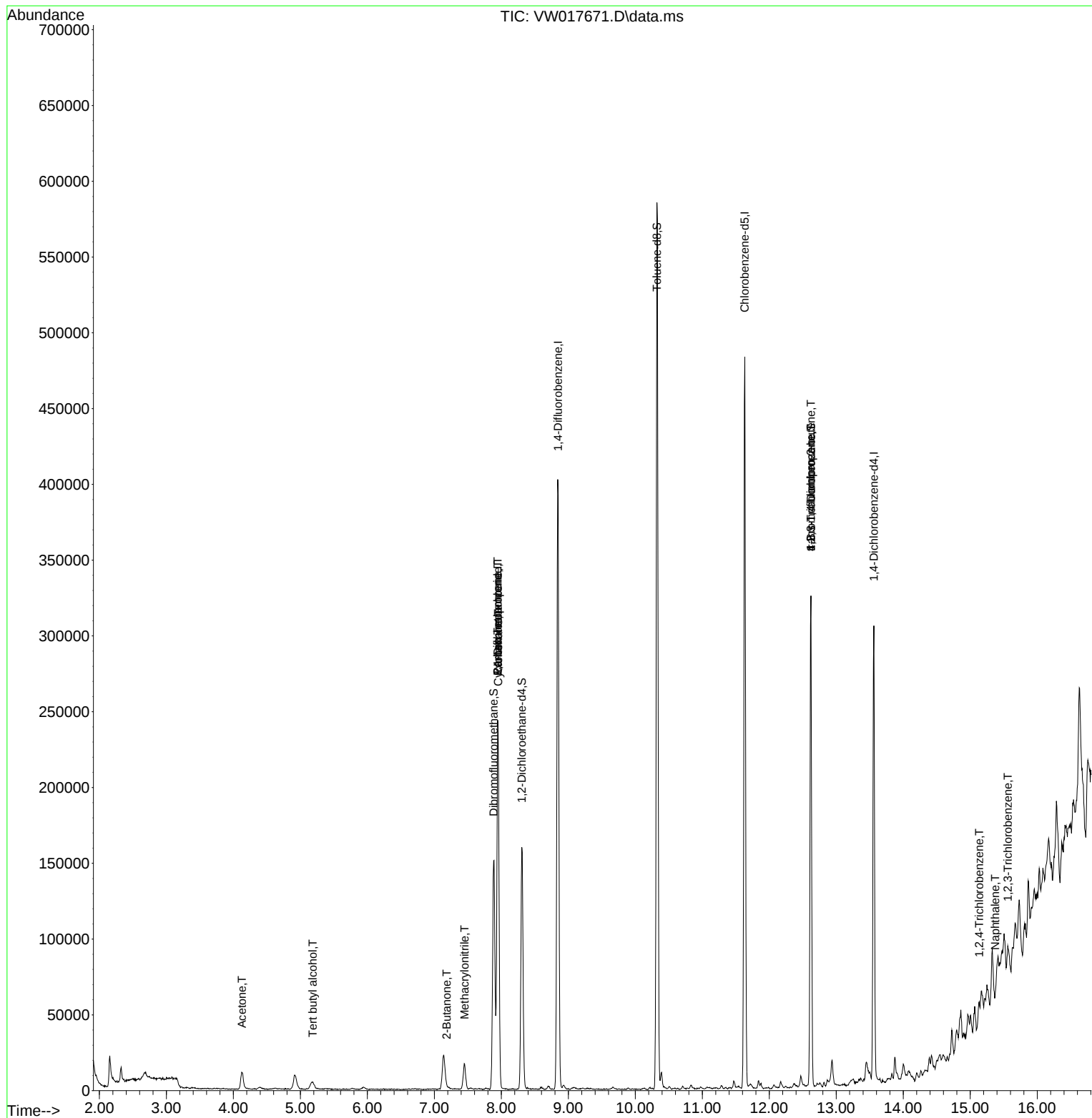
Internal Standards						
1) Pentafluorobenzene	7.945	168	171750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	333570	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	249697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	67878	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	125322	59.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.80%	
35) Dibromofluoromethane	7.884	113	107872	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.323	98	382134	44.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.92%	
62) 4-Bromofluorobenzene	12.621	95	99812	32.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	65.06%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.184	59	10220	28.48	ug/l #	80
16) Acetone	4.129	43	20894	45.90	ug/l	91
20) Methylene Chloride	4.916	84	7181	Below Cal	#	79
25) 2-Butanone	7.183	43	1029	1.70	ug/l #	86
26) 2,2-Dichloropropane	7.147	77	1796	Below Cal	#	50
31) Cyclohexane	7.952	56	4763	1.32	ug/l #	39
36) 1,1-Dichloropropene	7.945	75	16049	4.60	ug/l #	48
38) Carbon Tetrachloride	7.945	117	18182	5.18	ug/l #	13
41) Methacrylonitrile	7.452	41	8708	10.56	ug/l #	42
76) 1,2,3-Trichloropropane	12.621	75	59421	90.94	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	59421	184.25	ug/l #	11
93) 1,2,4-Trichlorobenzene	15.133	180	2219	1.70	ug/l #	55
95) Naphthalene	15.371	128	3530	1.32	ug/l #	74
96) 1,2,3-Trichlorobenzene	15.560	180	1367	1.21	ug/l #	42

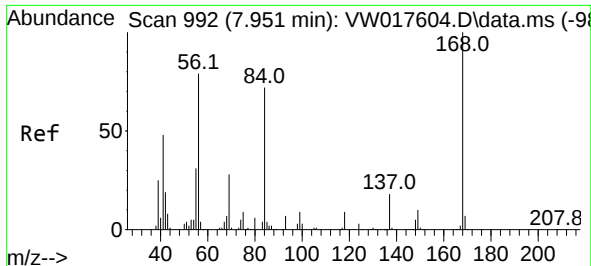
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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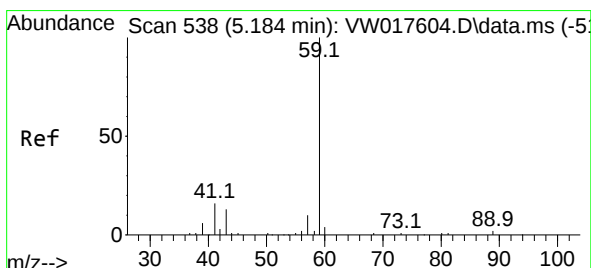
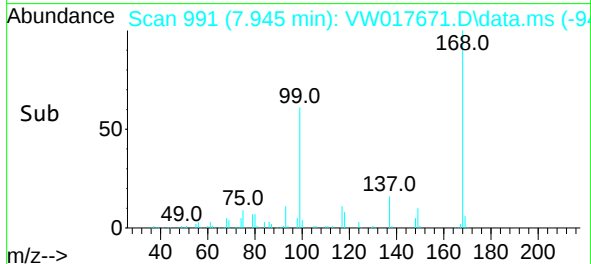
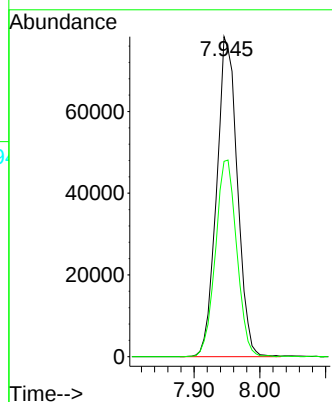
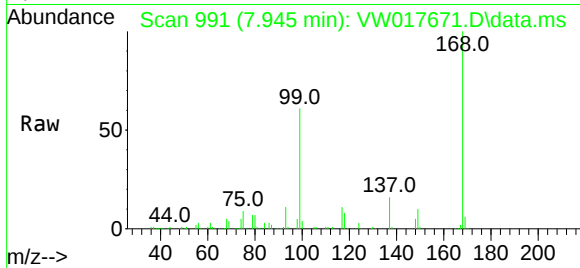




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

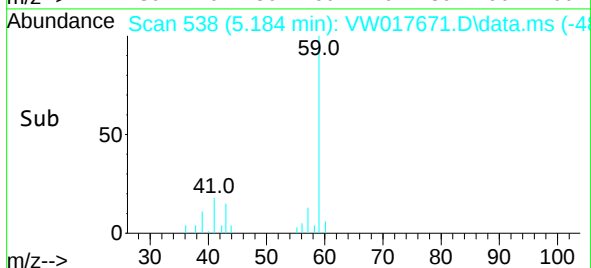
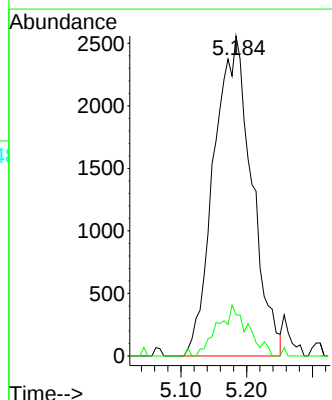
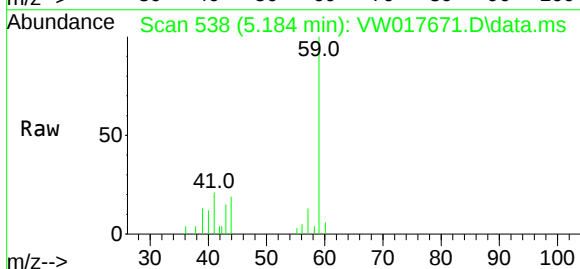
Instrument :
MSVOA_W
ClientSampleId :

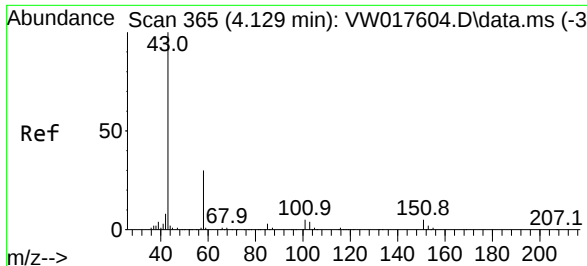
Tgt Ion:168 Resp: 171750
Ion Ratio Lower Upper
168 100
99 61.0 40.7 61.1



#11
Tert butyl alcohol
Concen: 28.48 ug/l
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

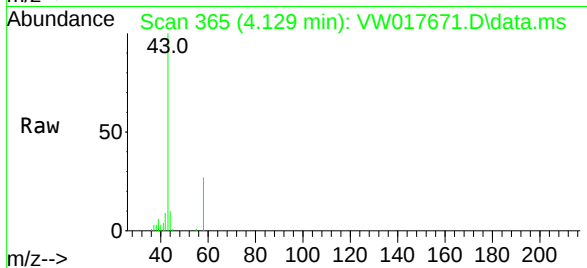
Tgt Ion: 59 Resp: 10220
Ion Ratio Lower Upper
59 100
57 12.6 4.7 7.1#



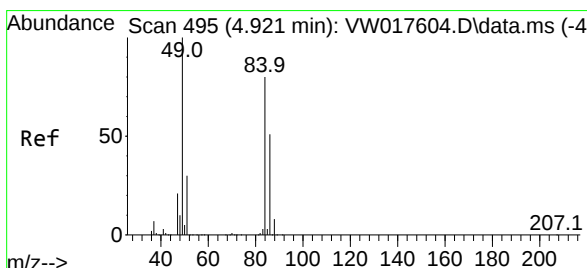
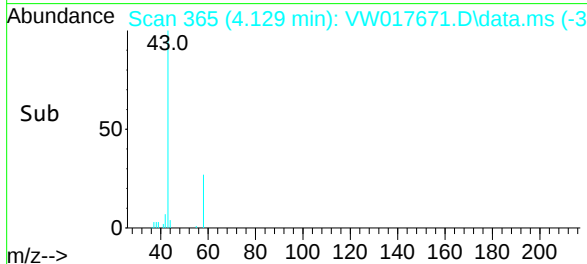
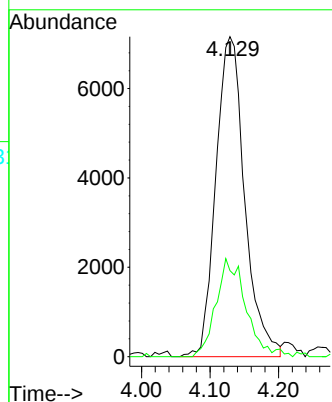


#16
Acetone
Concen: 45.90 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Instrument :
MSVOA_W
ClientSampleId :

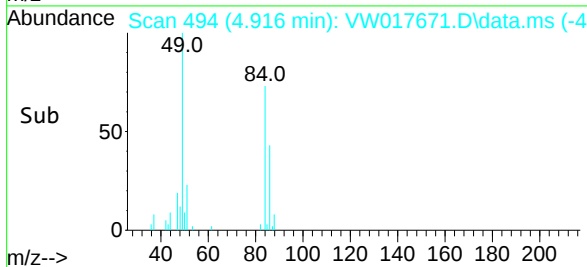
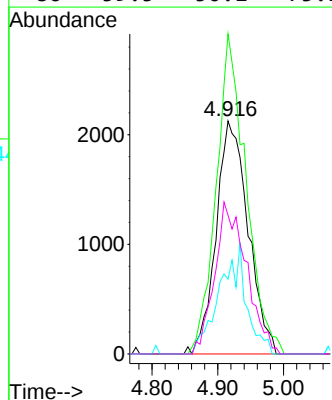
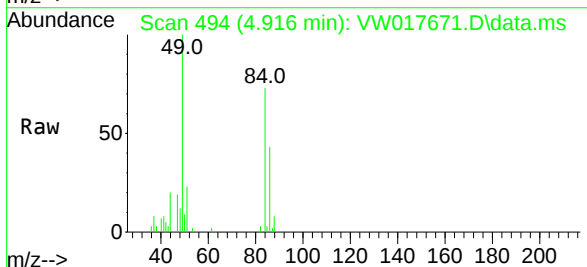


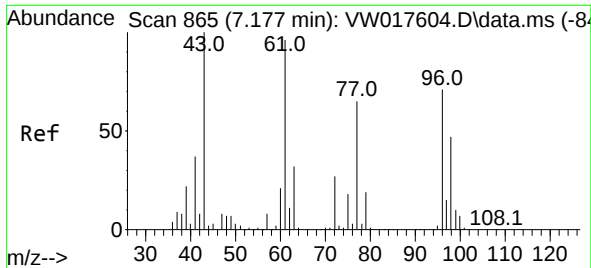
Tgt Ion: 43 Resp: 20894
Ion Ratio Lower Upper
43 100
58 26.9 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.916 min Scan# 494
Delta R.T. -0.005 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 84 Resp: 7181
Ion Ratio Lower Upper
84 100
49 137.4 79.0 118.6#
51 32.0 26.1 39.1
86 59.5 50.1 75.1

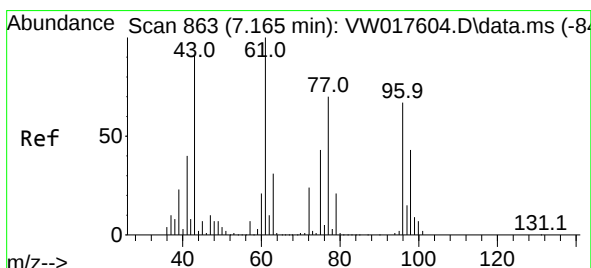
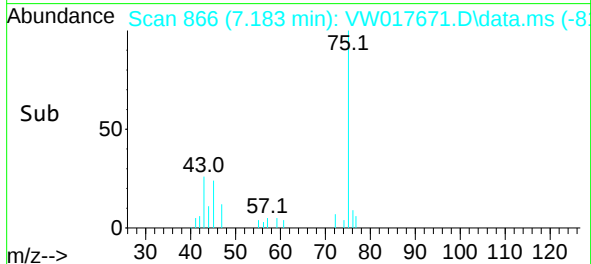
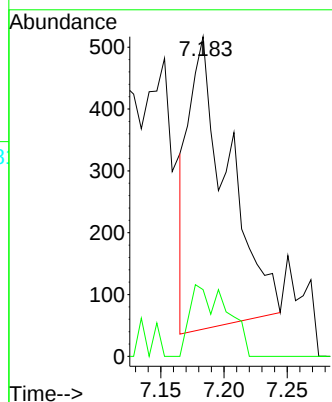
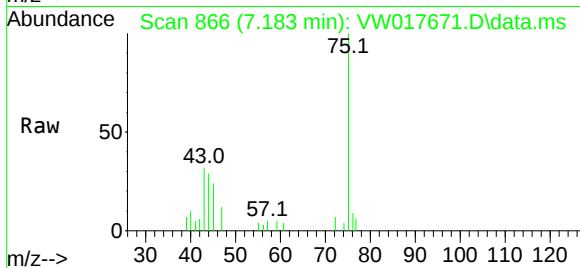




#25
2-Butanone
Concen: 1.70 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

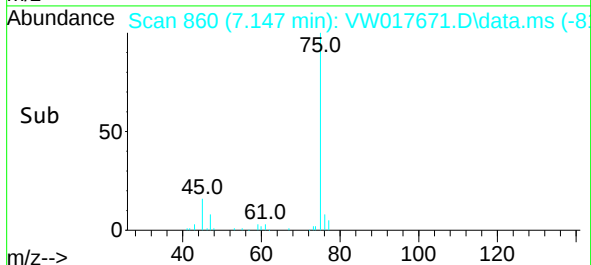
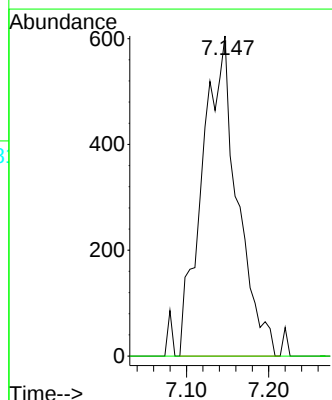
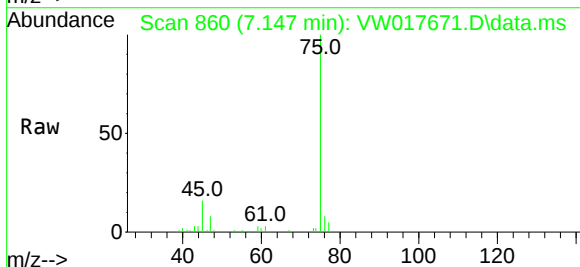
Instrument :
MSVOA_W
ClientSampleId :

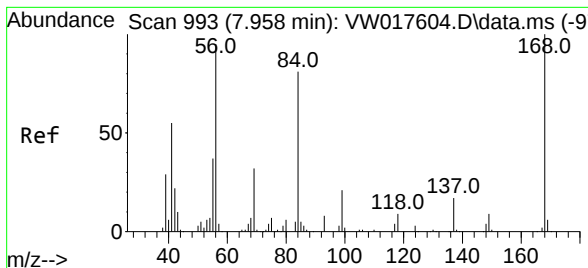
Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
72 24.2 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 77 Resp: 1796
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

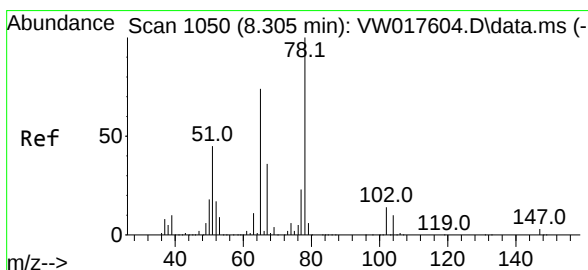
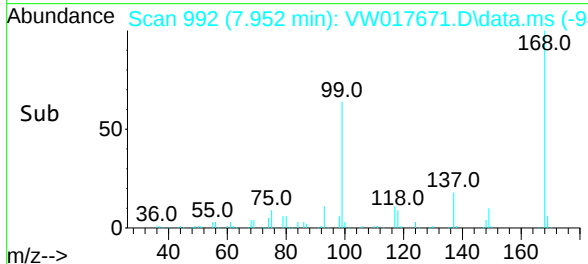
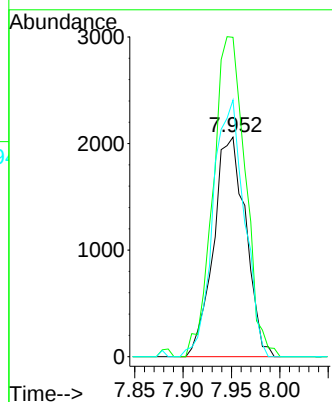
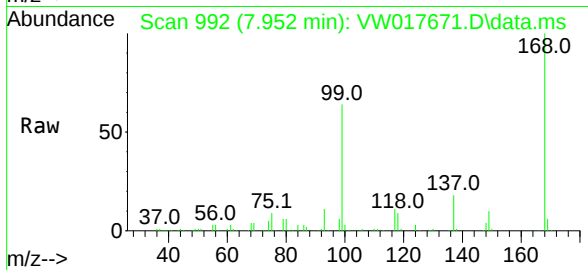




#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

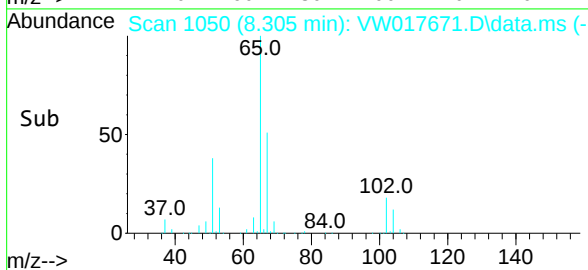
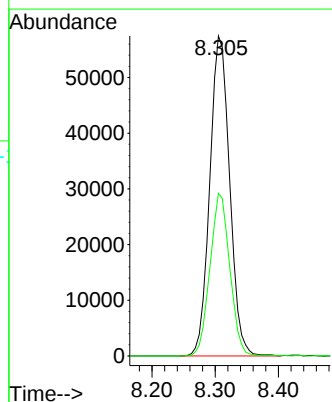
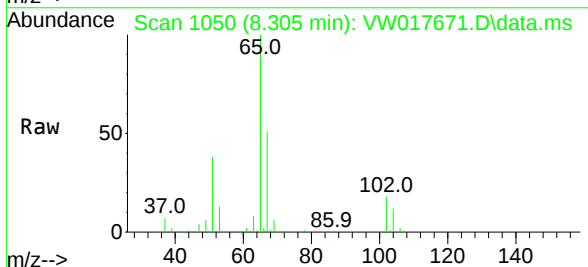
Instrument :
MSVOA_W
ClientSampleId :

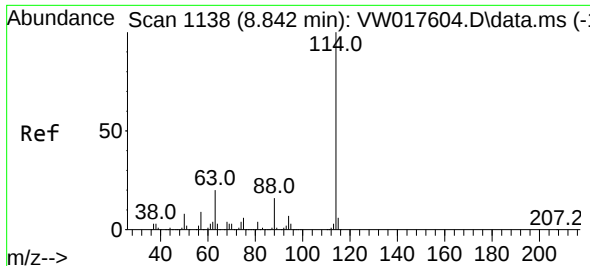
Tgt Ion: 56 Resp: 4763
Ion Ratio Lower Upper
56 100
69 145.5 29.3 43.9#
84 116.9 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 59.90 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

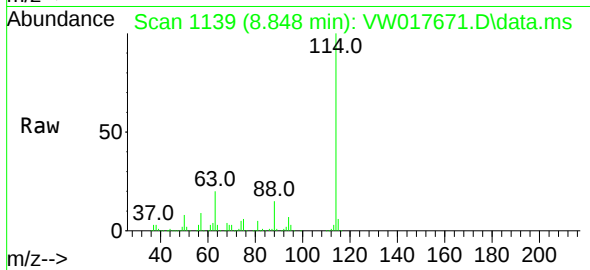
Tgt Ion: 65 Resp: 125322
Ion Ratio Lower Upper
65 100
67 50.7 0.0 103.8



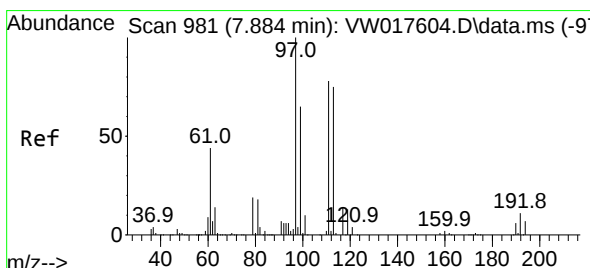
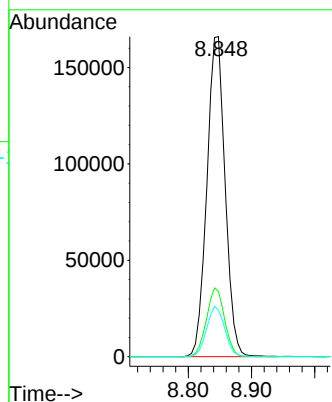
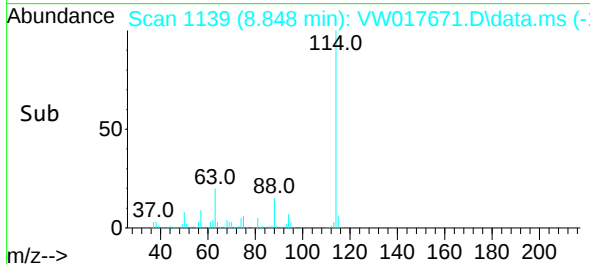


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

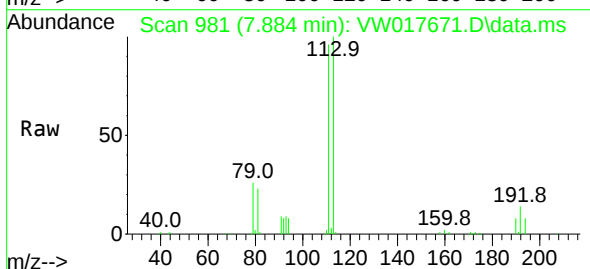
Instrument :
MSVOA_W
ClientSampled :



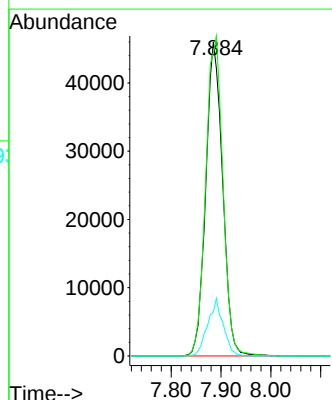
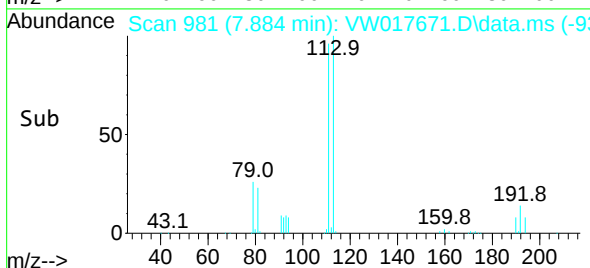
Tgt Ion:114 Resp: 333570
Ion Ratio Lower Upper
114 100
63 20.5 0.0 35.6
88 14.5 0.0 30.4

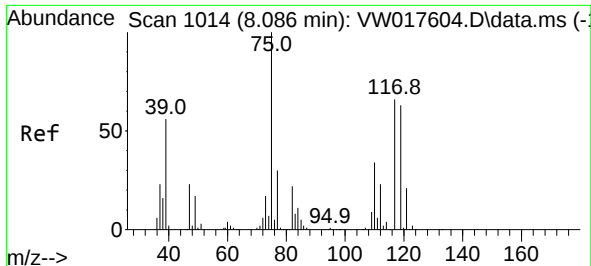


#35
Dibromofluoromethane
Concen: 48.87 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05



Tgt Ion:113 Resp: 107872
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.2
192 16.8 17.8 26.8#

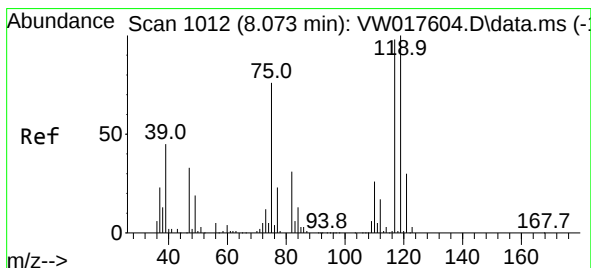
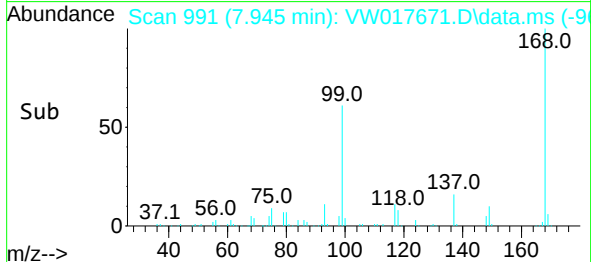
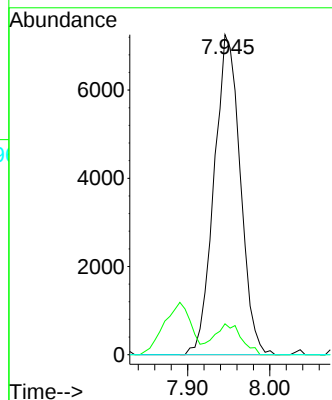
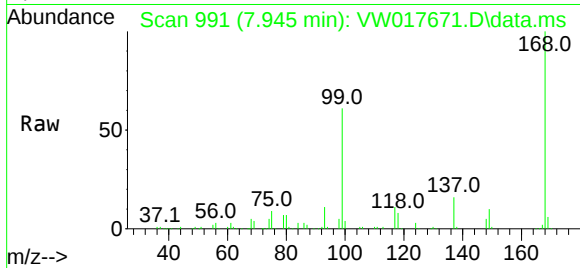




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

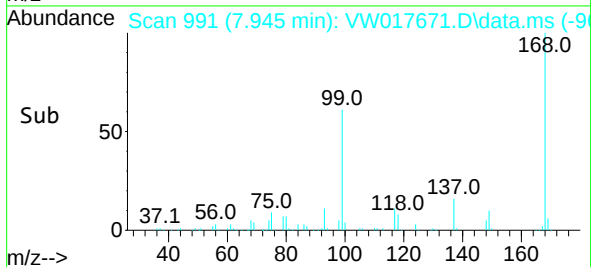
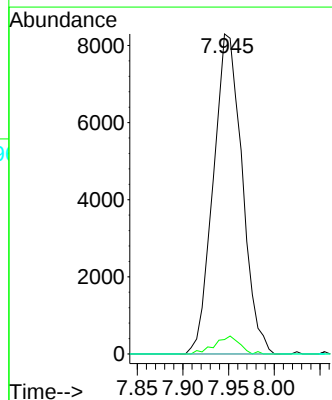
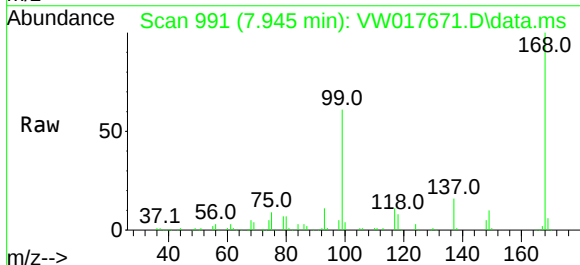
Instrument :
MSVOA_W
ClientSampled :

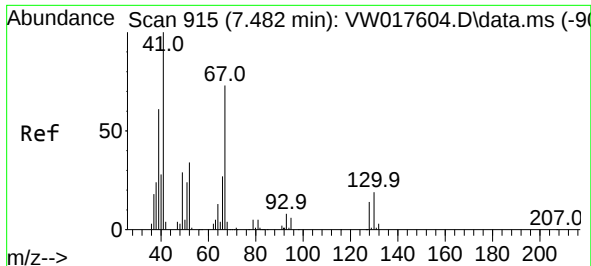
Tgt Ion: 75 Resp: 16049
Ion Ratio Lower Upper
75 100
110 9.7 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.18 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

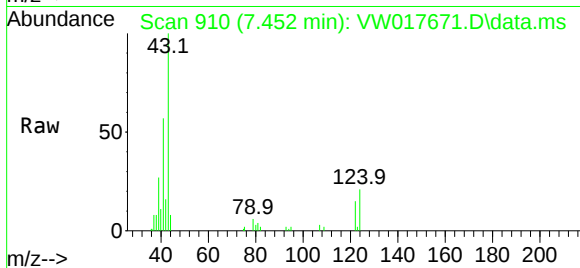
Tgt Ion: 117 Resp: 18182
Ion Ratio Lower Upper
117 100
119 4.5 81.6 122.4#
121 0.0 25.7 38.5#



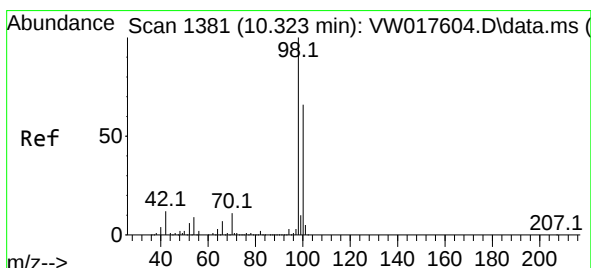
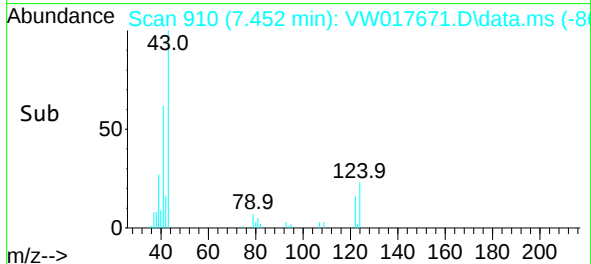
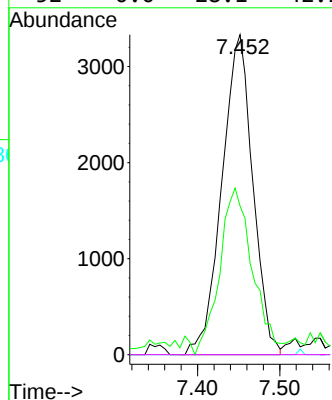


#41
Methacrylonitrile
Concen: 10.56 ug/l
RT: 7.452 min Scan# 910
Delta R.T. -0.030 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Instrument :
MSVOA_W
ClientSampleId :

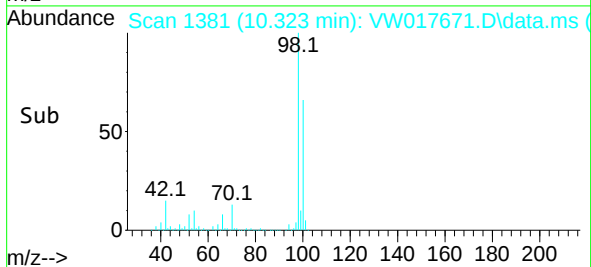
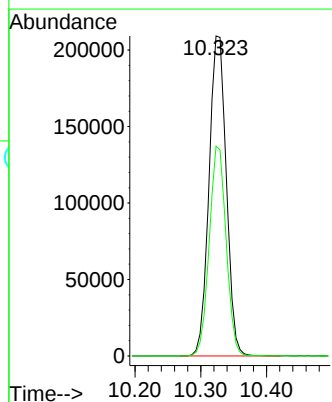
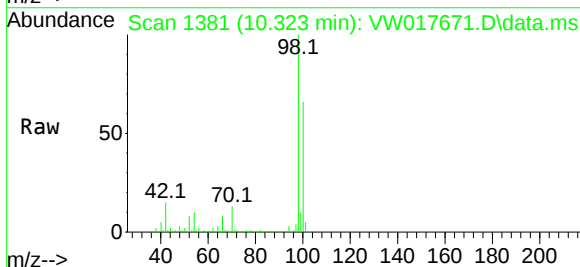


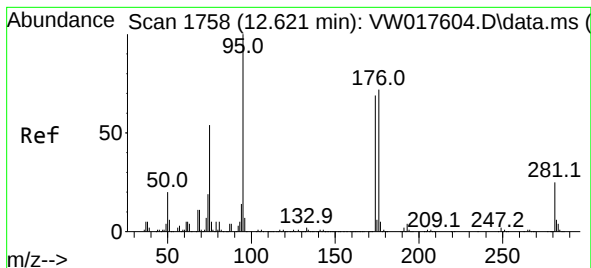
Tgt Ion: 41 Resp: 8708
Ion Ratio Lower Upper
41 100
39 55.4 47.0 70.6
67 0.0 68.6 102.8#
52 0.0 28.1 42.1#



#50
Toluene-d8
Concen: 44.46 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 98 Resp: 382134
Ion Ratio Lower Upper
98 100
100 64.2 53.3 79.9

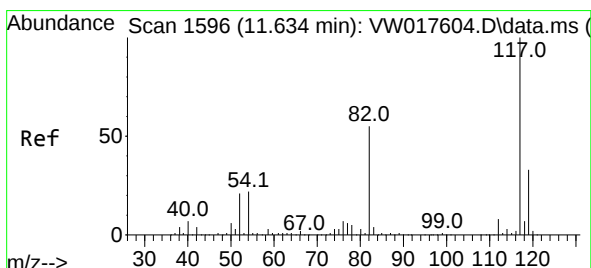
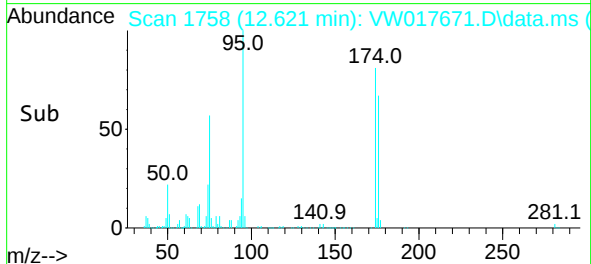
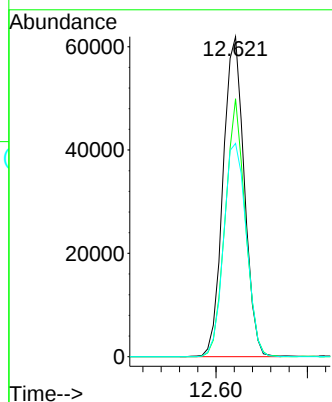
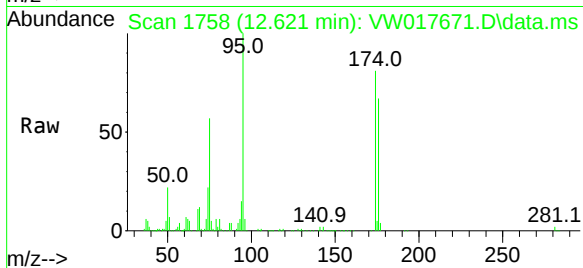




#62
4-Bromofluorobenzene
Concen: 32.53 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

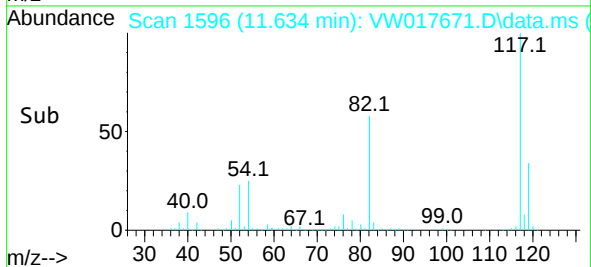
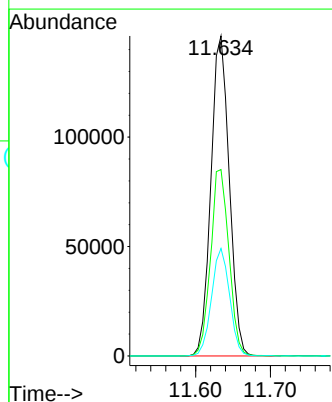
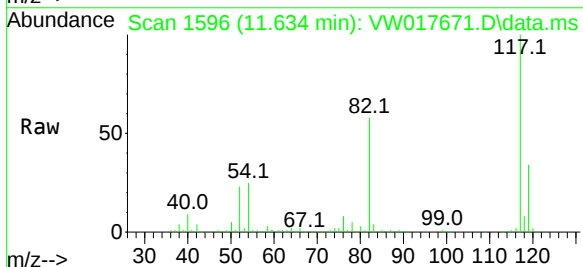
Instrument :
MSVOA_W
ClientSampleId :

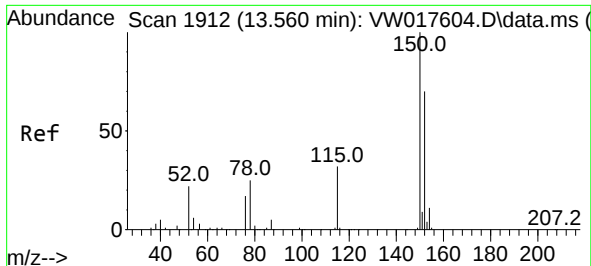
Tgt Ion: 95 Resp: 99812
Ion Ratio Lower Upper
95 100
174 75.8 0.0 180.6
176 71.5 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 117 Resp: 249697
Ion Ratio Lower Upper
117 100
82 58.2 40.7 61.1
119 33.6 25.0 37.4

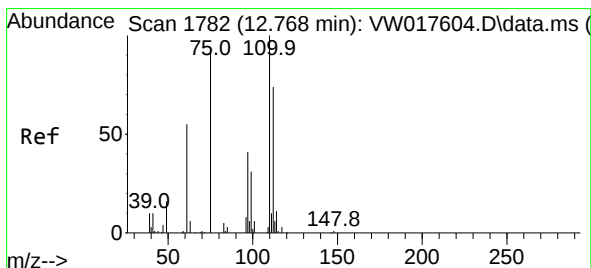
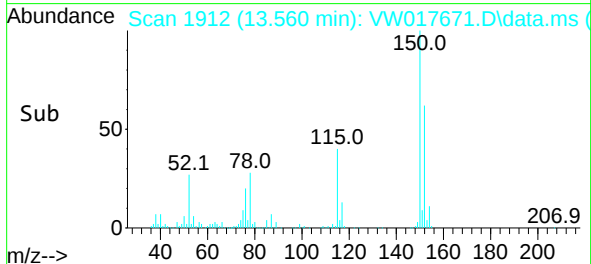
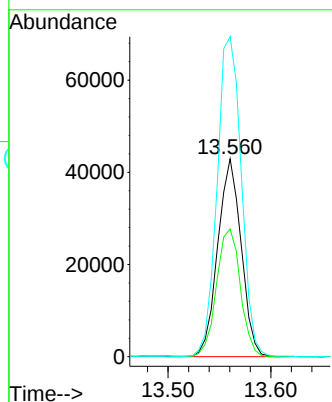
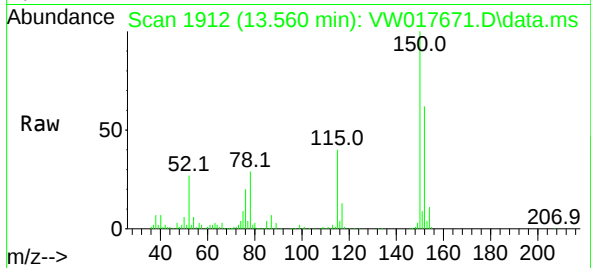




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

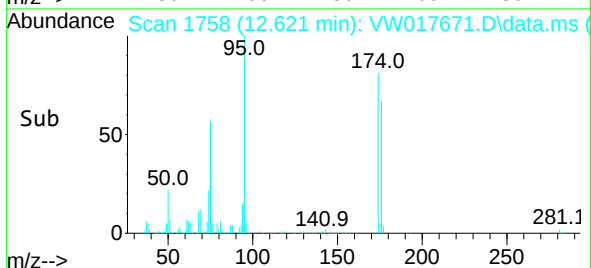
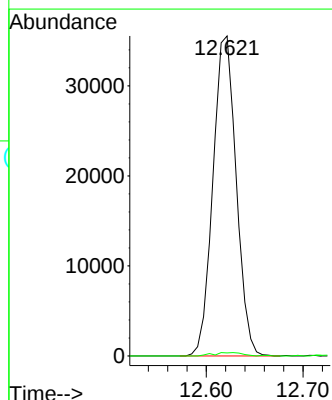
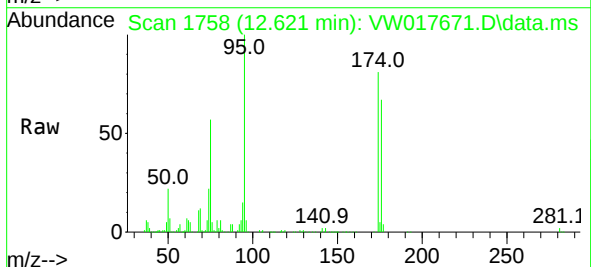
Instrument :
MSVOA_W
ClientSampleId :

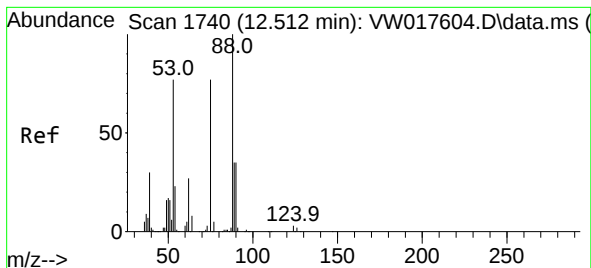
Tgt Ion:152 Resp: 67878
Ion Ratio Lower Upper
152 100
115 65.8 27.9 83.7
150 167.1 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 90.94 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion: 75 Resp: 59421
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#

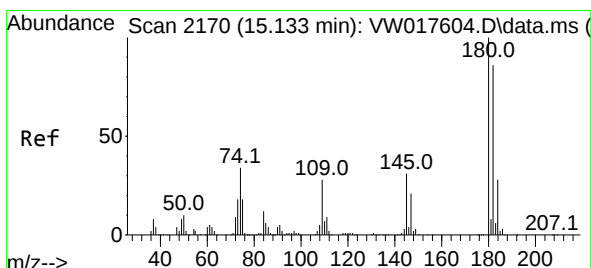
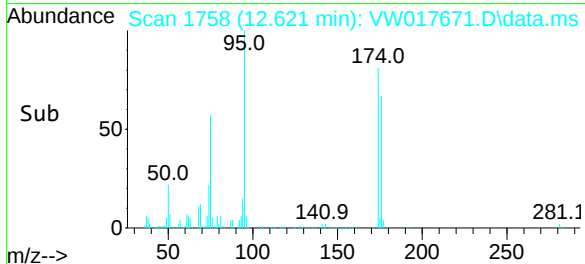
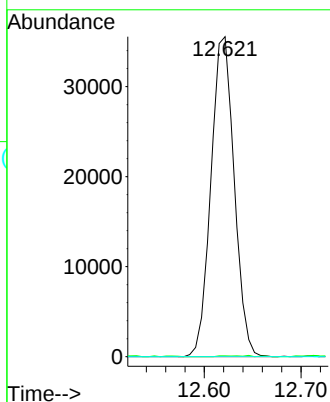
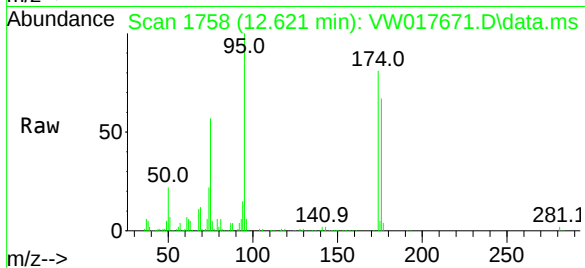




#81
trans-1,4-Dichloro-2-butene
Concen: 184.25 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

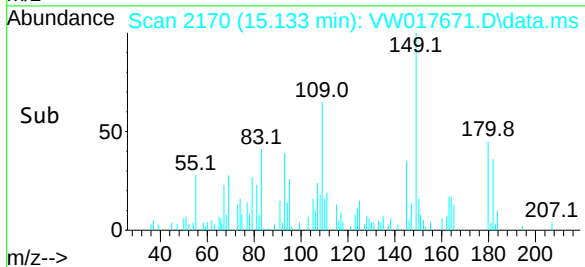
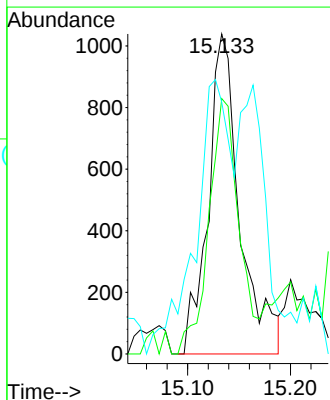
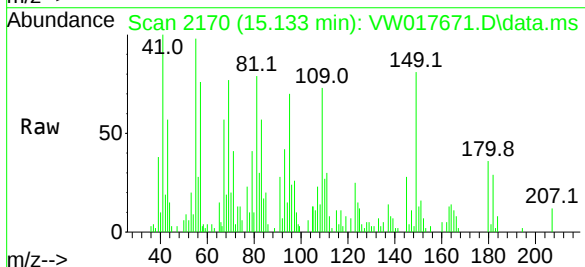
Instrument :
MSVOA_W
ClientSampleId :

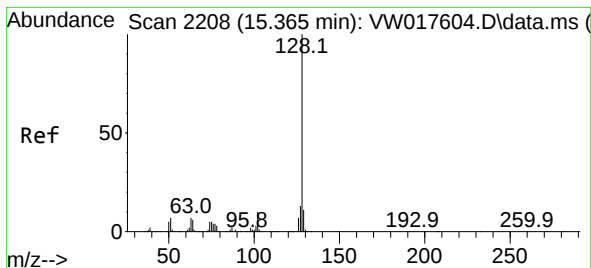
Tgt Ion: 75 Resp: 59421
Ion Ratio Lower Upper
75 100
53 0.2 77.0 115.4#
89 0.0 38.7 58.1#



#93
1,2,4-Trichlorobenzene
Concen: 1.70 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion:180 Resp: 2219
Ion Ratio Lower Upper
180 100
182 76.3 48.3 144.9
145 96.1 14.9 44.5#

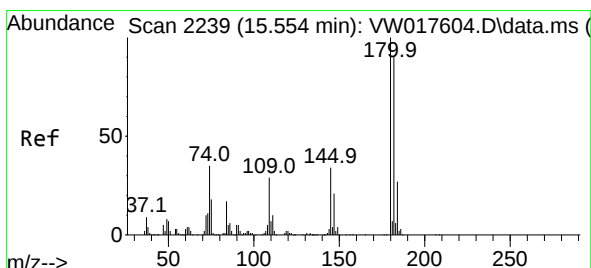
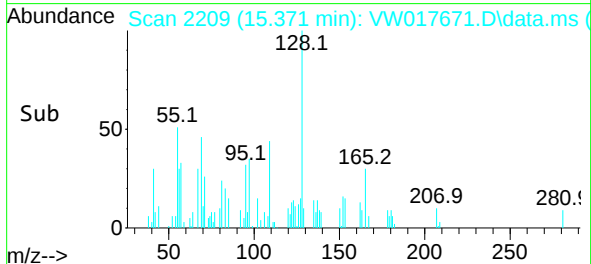
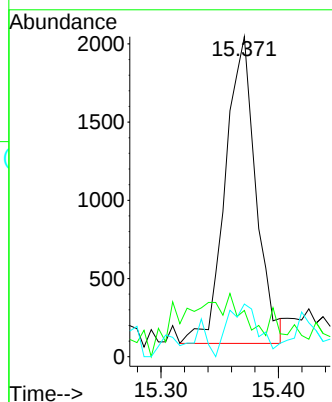
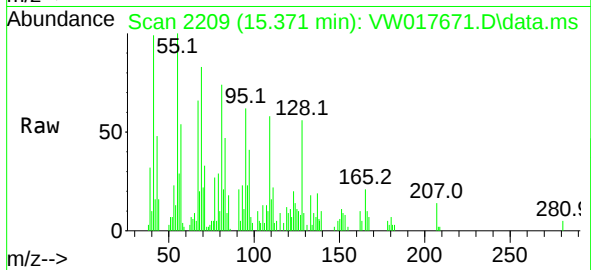




#95
Naphthalene
Concen: 1.32 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 3530
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 17.4 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 1.21 ug/l
RT: 15.560 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VW017671.D
Acq: 18 Dec 2020 13:05

Tgt Ion:180 Resp: 1367
Ion Ratio Lower Upper
180 100
182 41.5 49.4 148.2#
145 0.0 16.3 48.9#

