

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
 Data File : VW017672.D
 Acq On : 18 Dec 2020 13:31
 Operator : SY/VA
 Sample : L5141-01
 Misc : 4.80G/5ML/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:11:41 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)

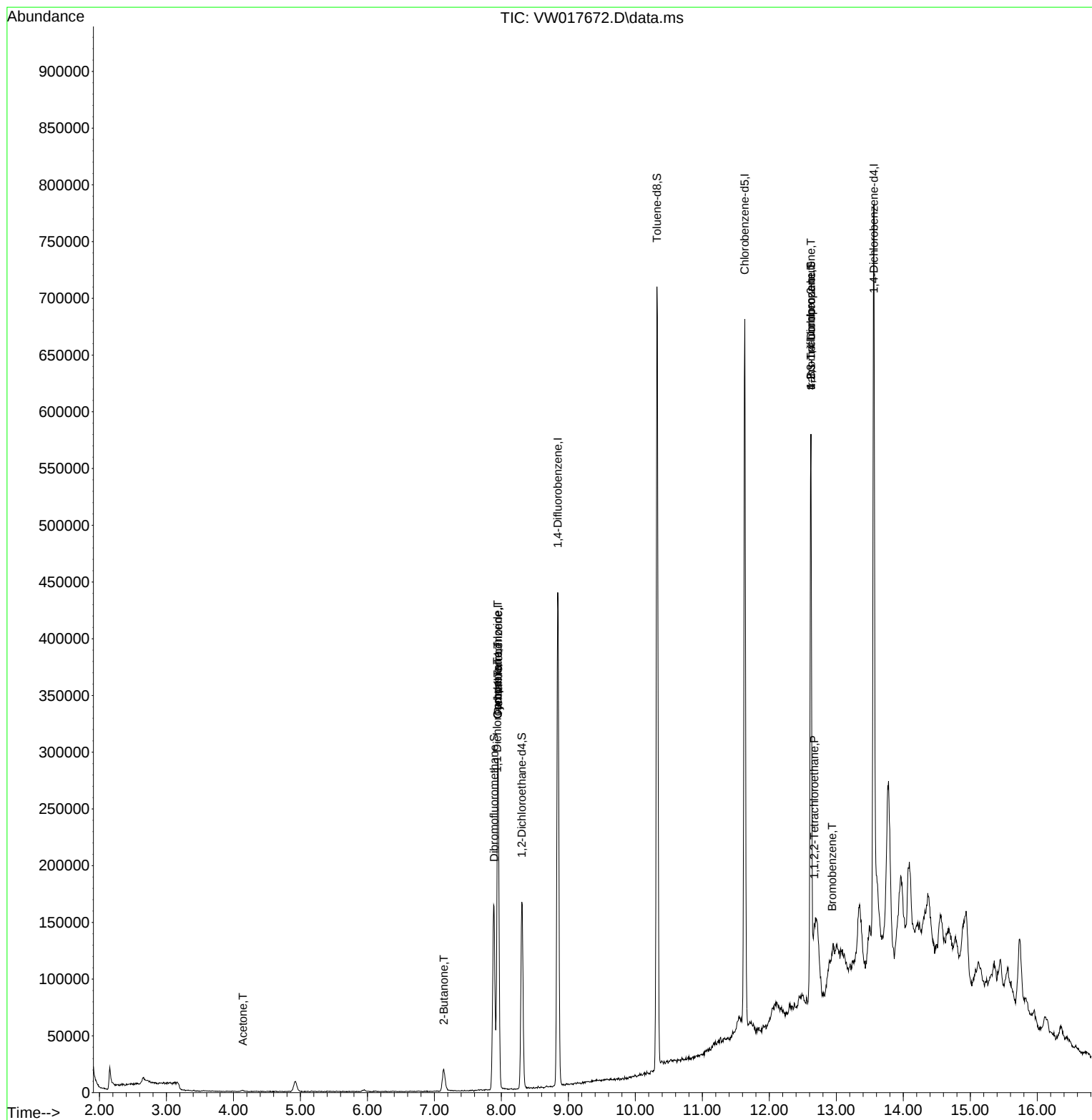
Internal Standards						
1) Pentafluorobenzene	7.951	168	209088	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	358571	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	325764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	151724	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	133855	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
35) Dibromofluoromethane	7.890	113	114964	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	10.323	98	436085	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
62) 4-Bromofluorobenzene	12.621	95	160133	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.190	59	183	Below Cal	#	75
16) Acetone	4.141	43	1927	3.48	ug/l	100
20) Methylene Chloride	4.922	84	6939	Below Cal		91
25) 2-Butanone	7.141	43	1576	2.14	ug/l	# 43
26) 2,2-Dichloropropane	7.135	77	1698	Below Cal	#	50
31) Cyclohexane	7.945	56	5855	1.33	ug/l	# 49
36) 1,1-Dichloropropene	7.939	75	18906	5.04	ug/l	# 47
38) Carbon Tetrachloride	7.945	117	22420	5.94	ug/l	# 14
75) 1,1,2,2-Tetrachloroethane	12.670	83	14814	7.40	ug/l	# 28
76) 1,2,3-Trichloropropane	12.621	75	89324	61.16	ug/l	# 1
77) Bromobenzene	12.938	156	41534	16.16	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	89324	123.91	ug/l	# 11

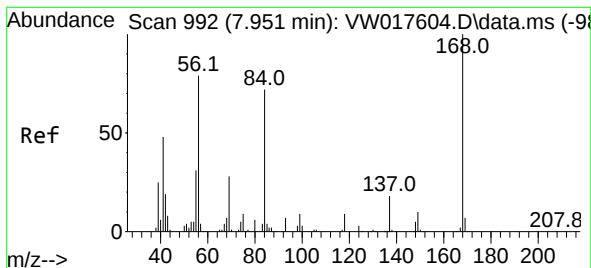
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

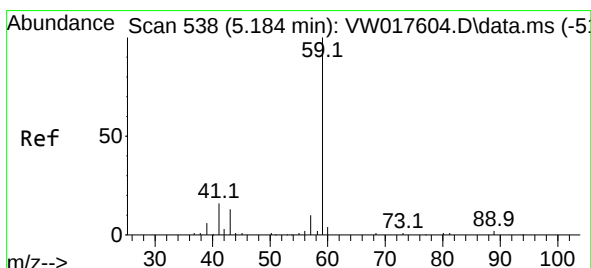
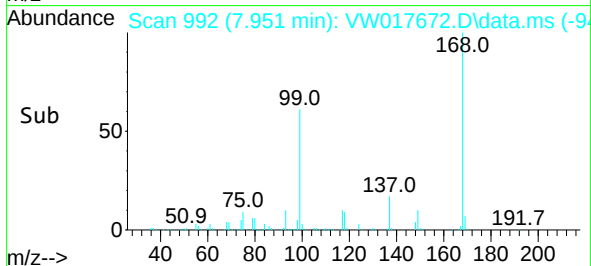
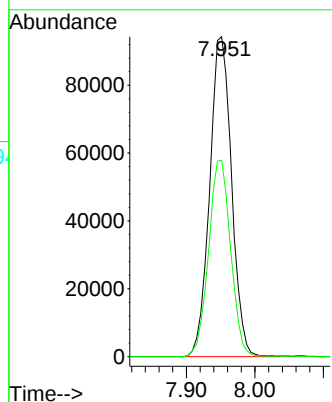
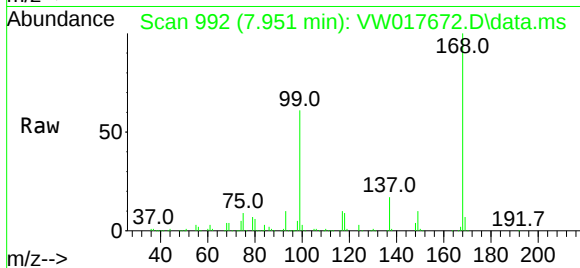




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

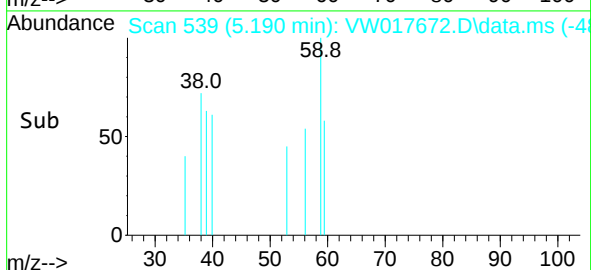
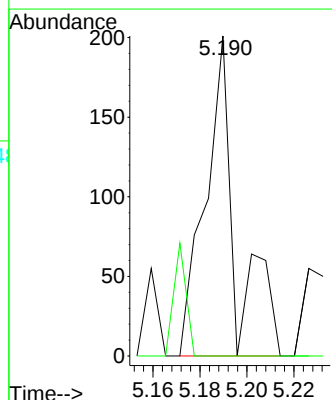
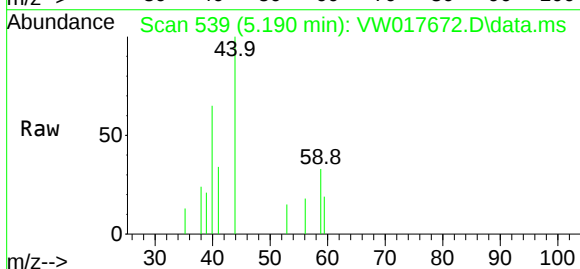
Instrument :
MSVOA_W
ClientSampleId :

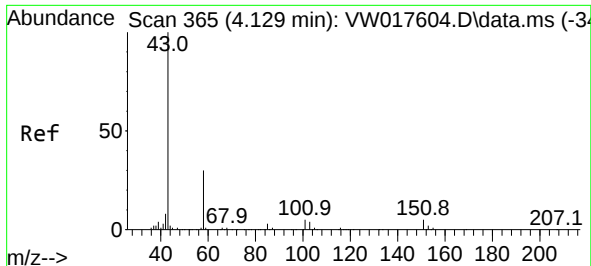
Tgt Ion:168 Resp: 209088
Ion Ratio Lower Upper
168 100
99 61.3 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

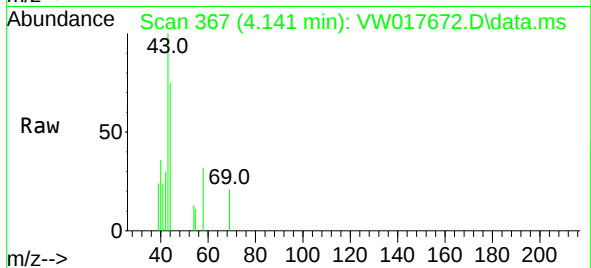
Tgt Ion: 59 Resp: 183
Ion Ratio Lower Upper
59 100
57 14.2 4.7 7.1#



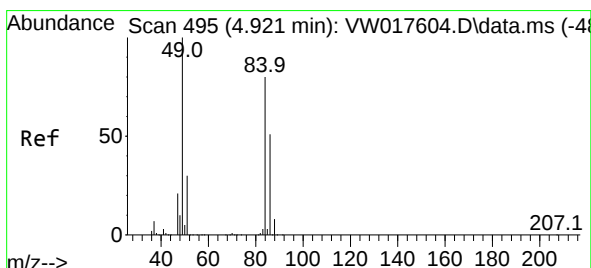
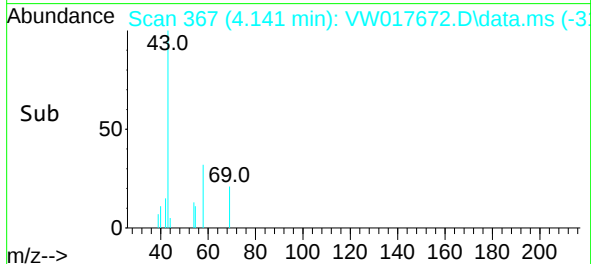
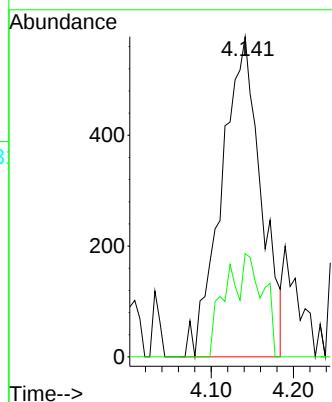


#16
Acetone
Concen: 3.48 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Instrument :
MSVOA_W
ClientSampled :

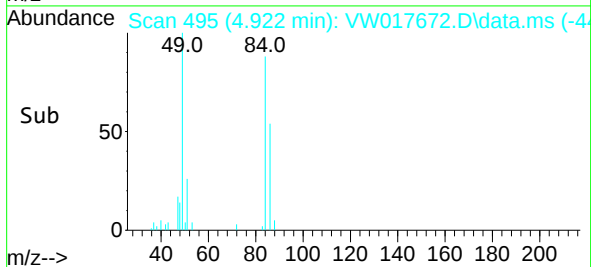
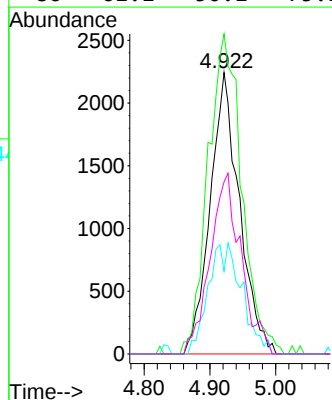
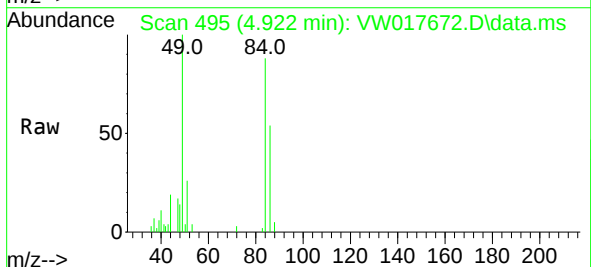


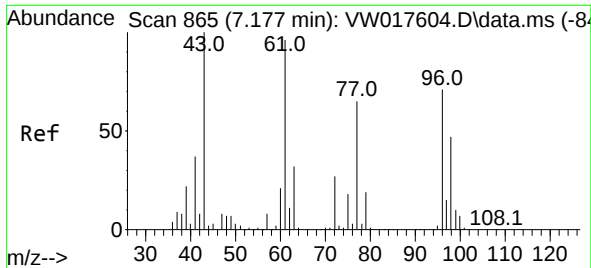
Tgt Ion: 43 Resp: 1927
Ion Ratio Lower Upper
43 100
58 32.2 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Tgt Ion: 84 Resp: 6939
Ion Ratio Lower Upper
84 100
49 113.7 79.0 118.6
51 29.4 26.1 39.1
86 61.1 50.1 75.1

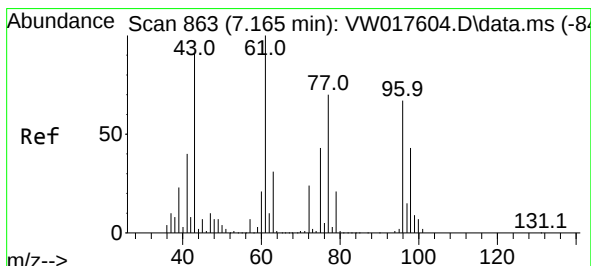
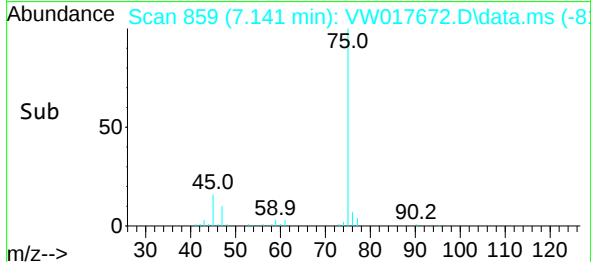
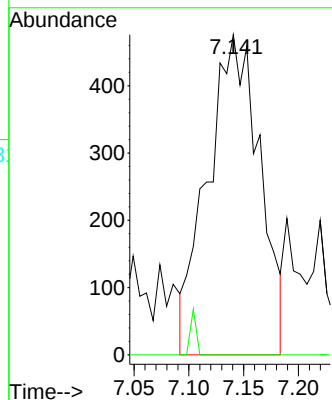
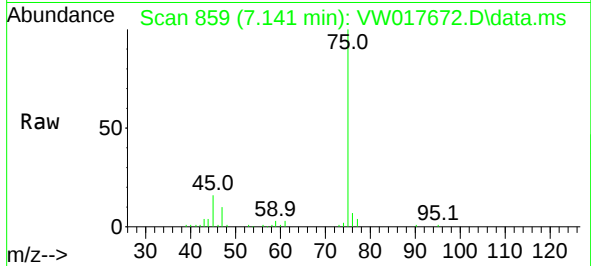




#25
2-Butanone
Concen: 2.14 ug/l
RT: 7.141 min Scan# 859
Delta R.T. -0.036 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

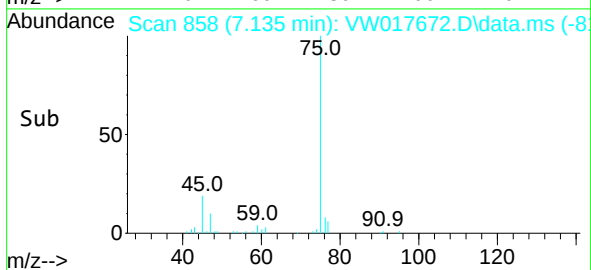
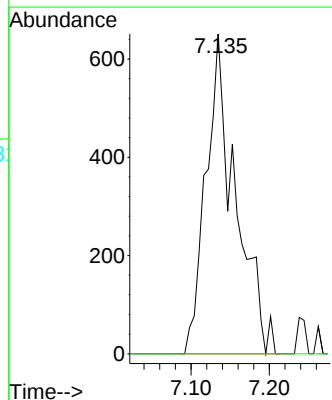
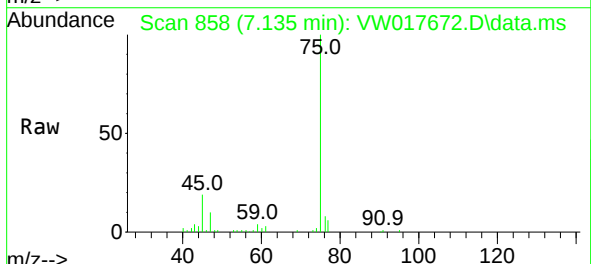
Instrument :
MSVOA_W
ClientSampled :

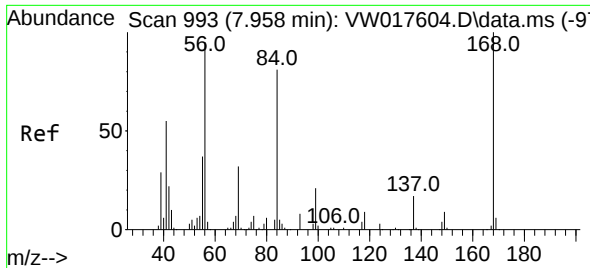
Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.135 min Scan# 858
Delta R.T. -0.030 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Tgt Ion: 77 Resp: 1698
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

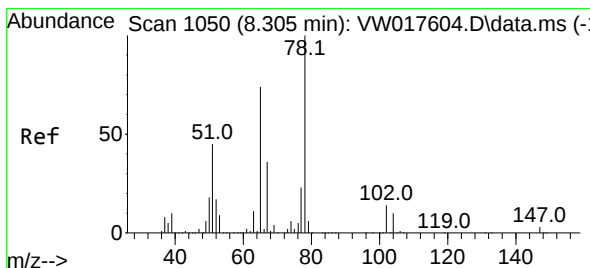
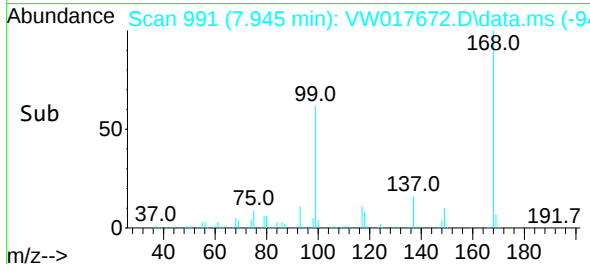
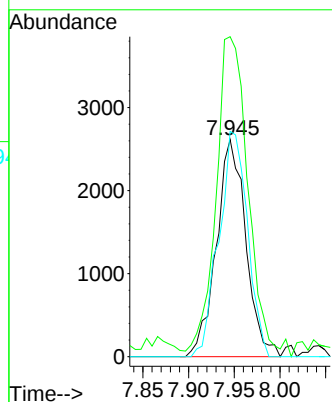
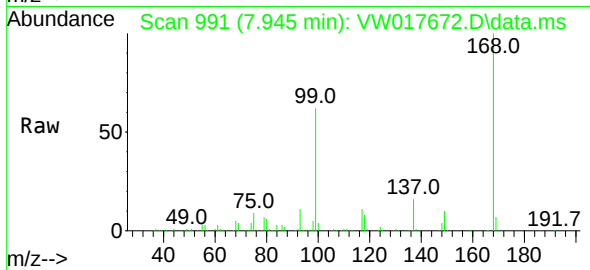




#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

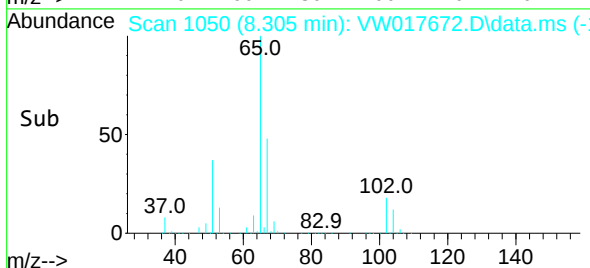
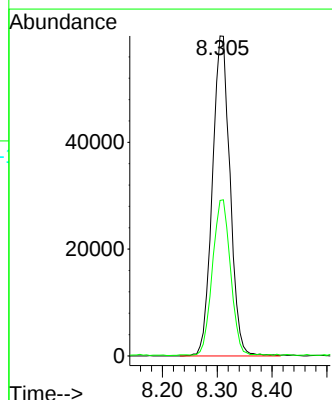
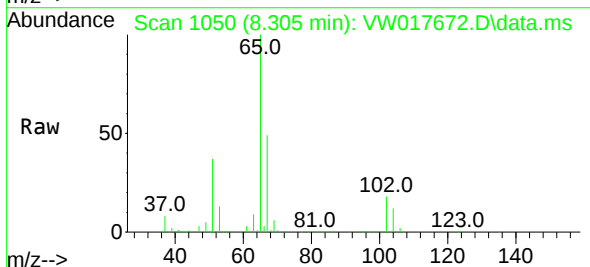
Instrument :
MSVOA_W
ClientSampleId :

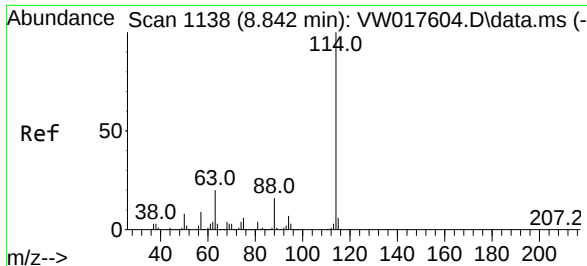
Tgt Ion: 56 Resp: 5855
Ion Ratio Lower Upper
56 100
69 144.6 29.3 43.9#
84 103.8 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 52.56 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

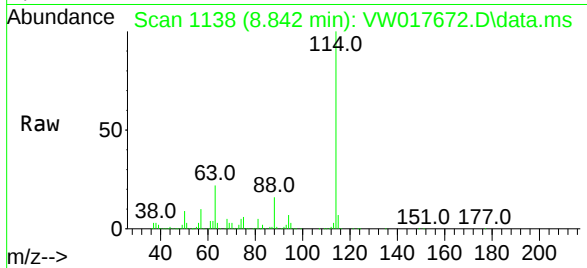
Tgt Ion: 65 Resp: 133855
Ion Ratio Lower Upper
65 100
67 49.4 0.0 103.8



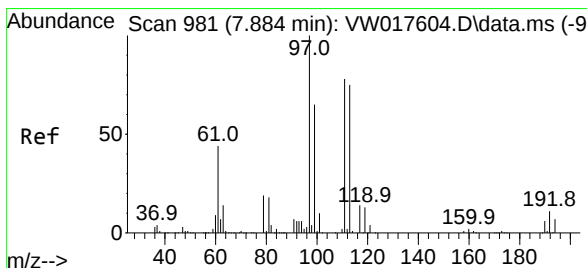
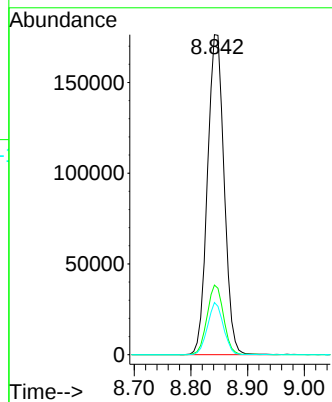
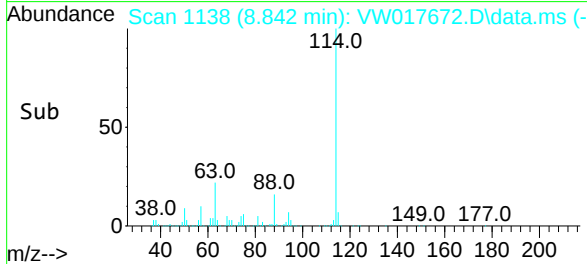


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

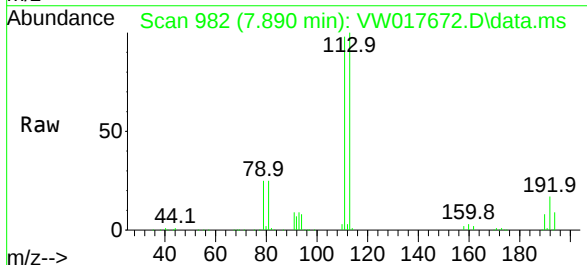
Instrument :
MSVOA_W
ClientSampleId :



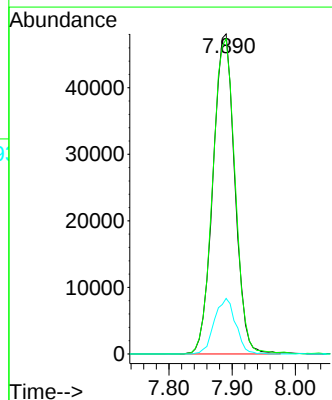
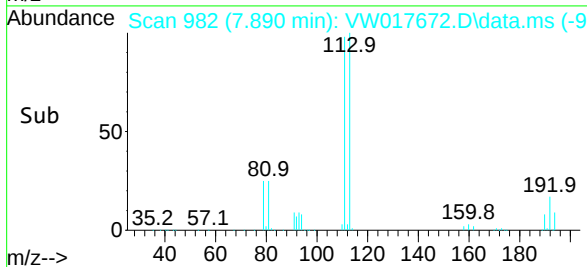
Tgt Ion:114 Resp: 358571
Ion Ratio Lower Upper
114 100
63 21.7 0.0 35.6
88 16.3 0.0 30.4

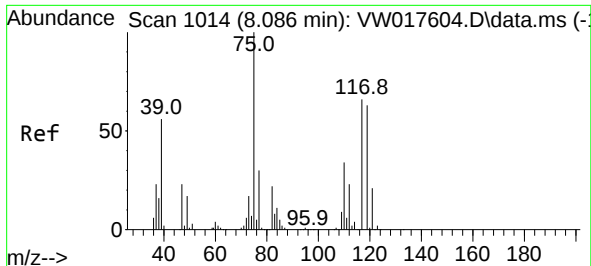


#35
Dibromofluoromethane
Concen: 48.45 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31



Tgt Ion:113 Resp: 114964
Ion Ratio Lower Upper
113 100
111 100.6 81.4 122.2
192 16.9 17.8 26.8#





#36

1,1-Dichloropropene

Concen: 5.04 ug/l

RT: 7.939 min Scan# 990

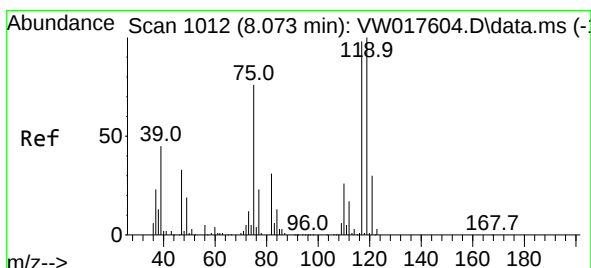
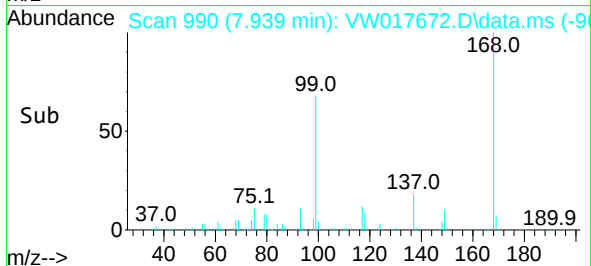
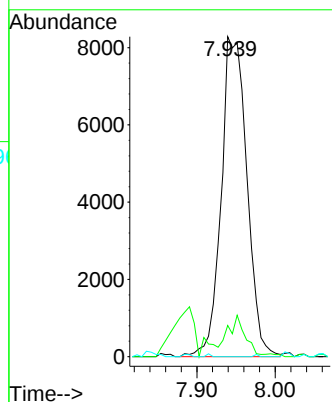
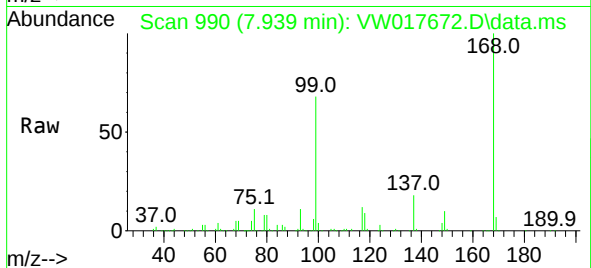
Delta R.T. -0.147 min

Lab File: VW017672.D

Acq: 18 Dec 2020 13:31

Tgt Ion: 75	Resp: 18906
Ion Ratio	Lower Upper
75 100	
110 7.9	19.3 57.9#
77 0.0	25.0 37.6#

Instrument :
MSVOA_W
ClientSampleId :



#38

Carbon Tetrachloride

Concen: 5.94 ug/l

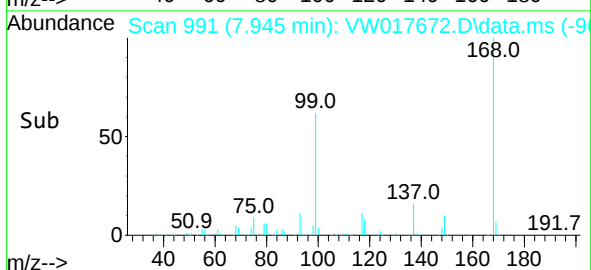
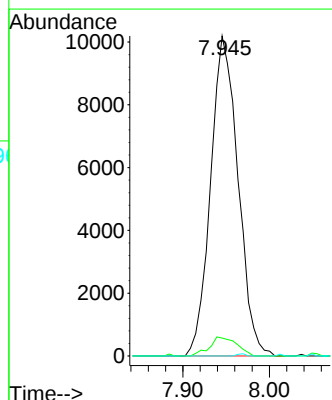
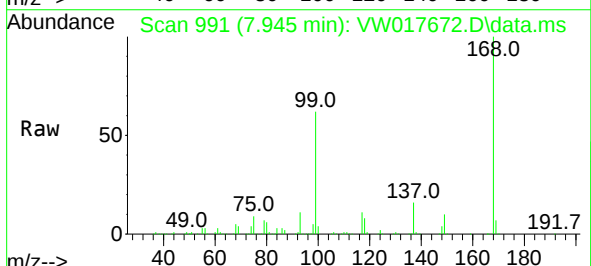
RT: 7.945 min Scan# 991

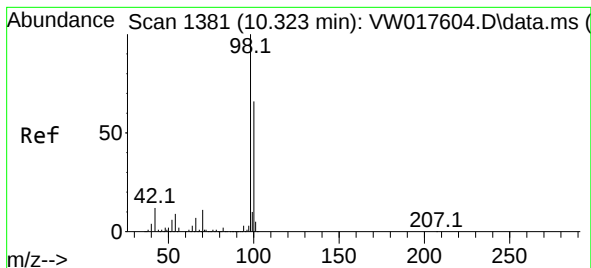
Delta R.T. -0.128 min

Lab File: VW017672.D

Acq: 18 Dec 2020 13:31

Tgt Ion: 117	Resp: 22420
Ion Ratio	Lower Upper
117 100	
119 5.6	81.6 122.4#
121 0.0	25.7 38.5#

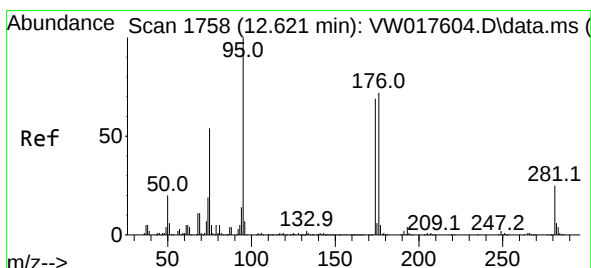
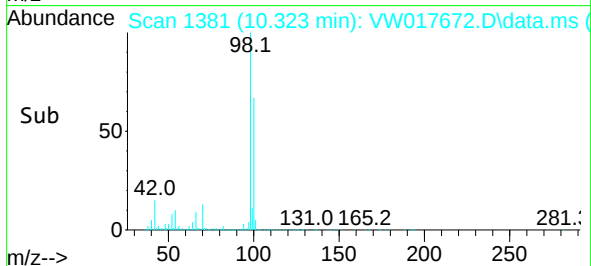
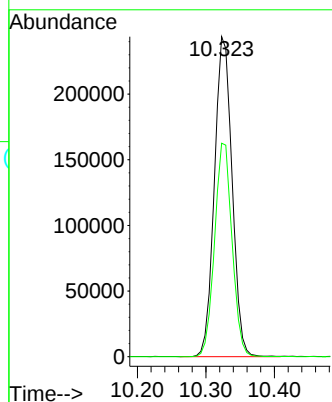
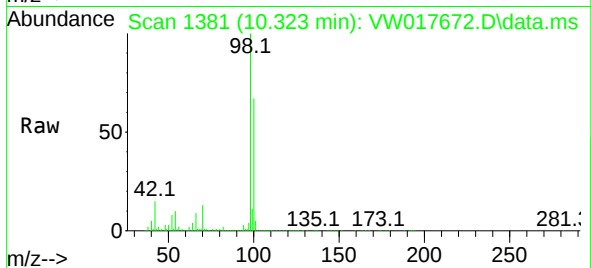




#50
Toluene-d8
Concen: 47.20 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

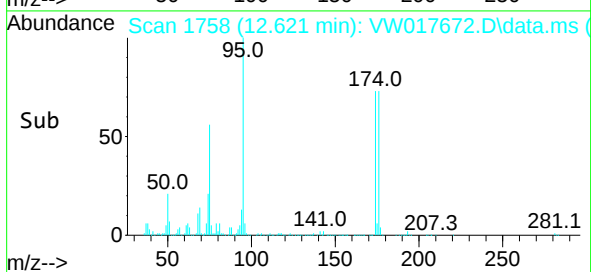
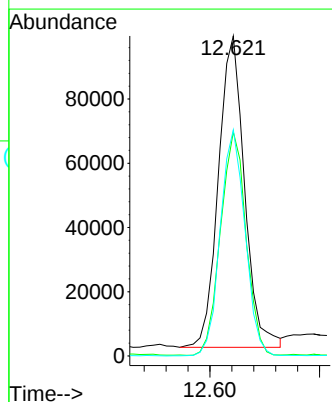
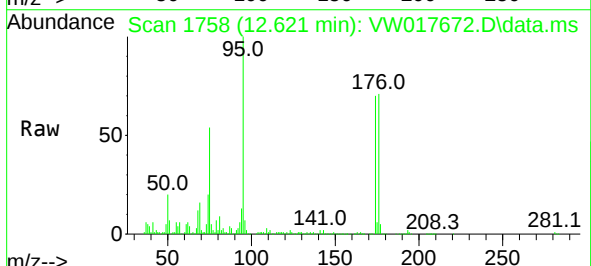
Instrument :
MSVOA_W
ClientSampleId :

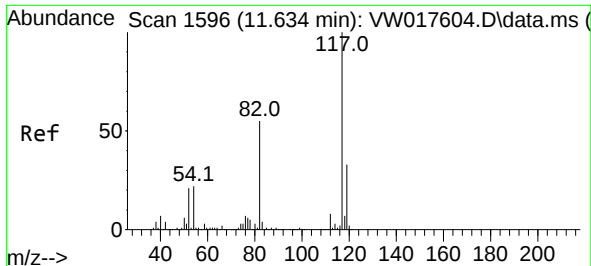
Tgt Ion: 98 Resp: 436085
Ion Ratio Lower Upper
98 100
100 66.1 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 48.55 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Tgt Ion: 95 Resp: 160133
Ion Ratio Lower Upper
95 100
174 69.9 0.0 180.6
176 69.0 0.0 177.6

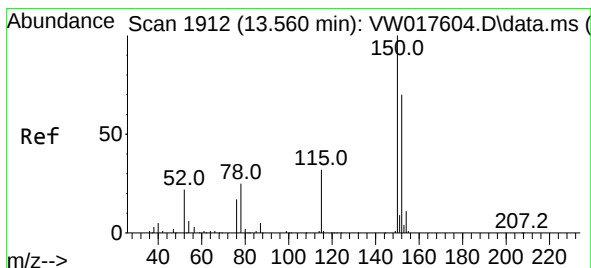
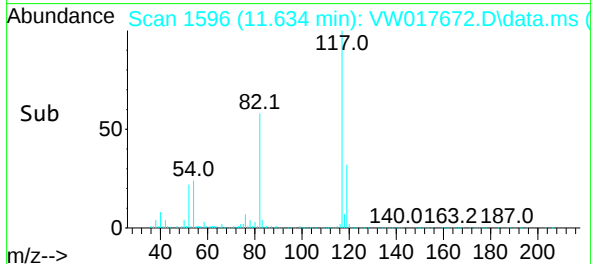
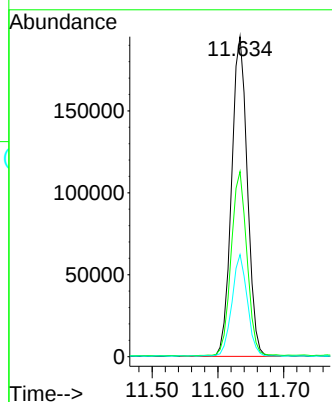
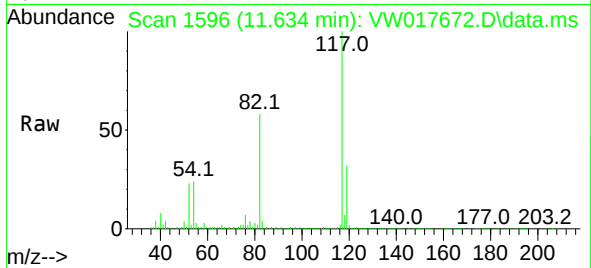




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

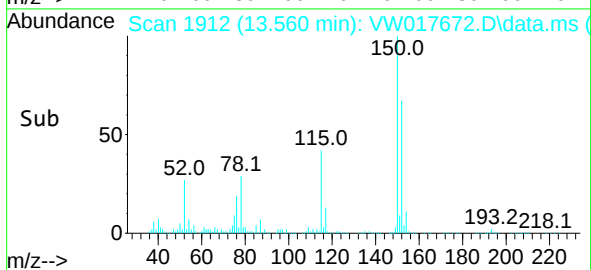
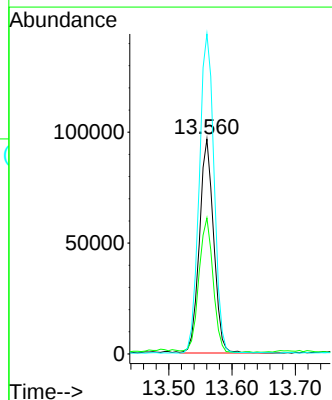
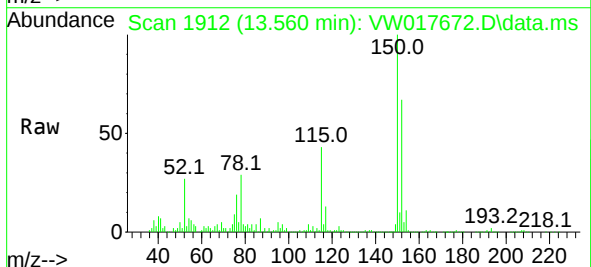
Instrument :
MSVOA_W
ClientSampleId :

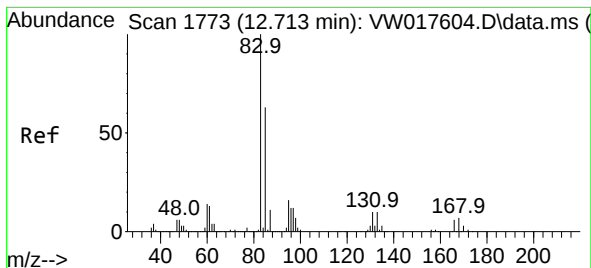
Tgt Ion:117 Resp: 325764
Ion Ratio Lower Upper
117 100
82 57.6 40.7 61.1
119 31.7 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Tgt Ion:152 Resp: 151724
Ion Ratio Lower Upper
152 100
115 62.3 27.9 83.7
150 154.5 0.0 344.0

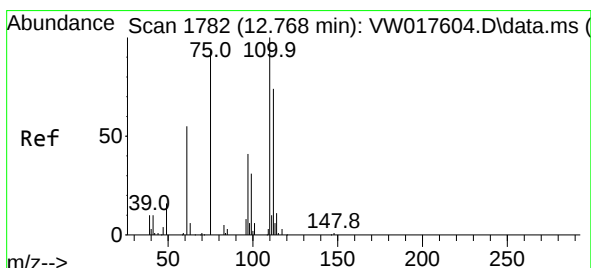
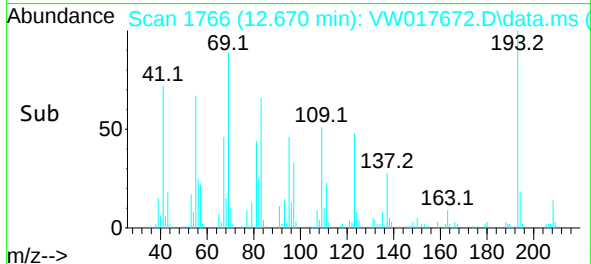
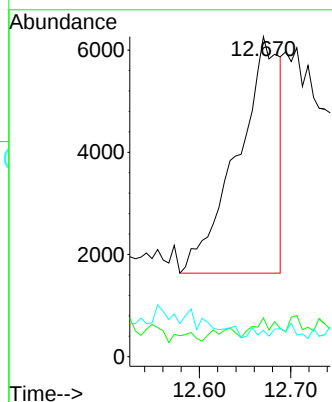
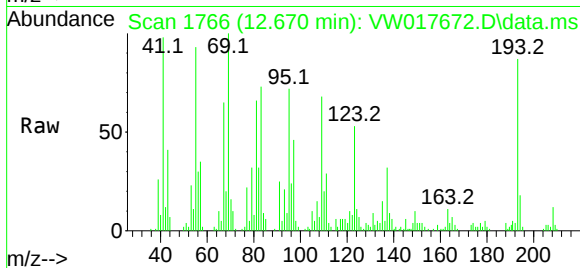




#75
1,1,2,2-Tetrachloroethane
Concen: 7.40 ug/l
RT: 12.670 min Scan# 1766
Delta R.T. -0.043 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

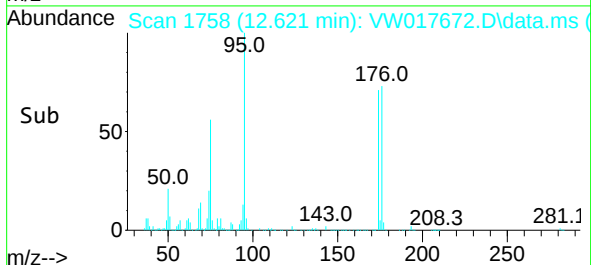
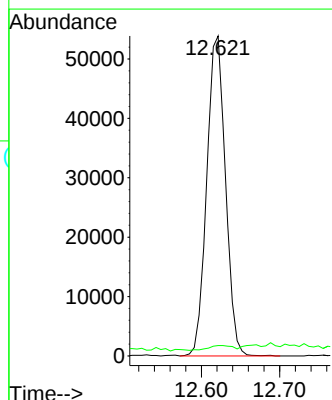
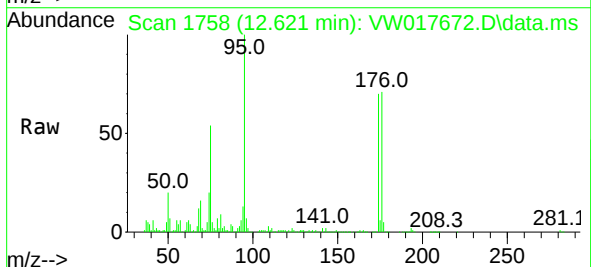
Instrument :
MSVOA_W
ClientSampled :

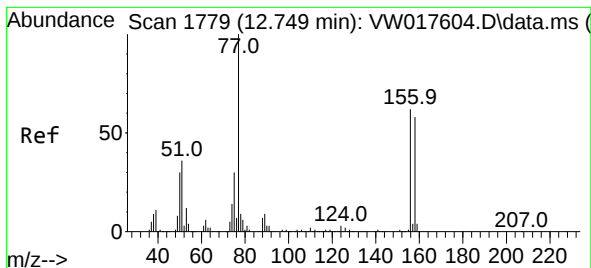
Tgt Ion: 83 Resp: 14814
Ion Ratio Lower Upper
83 100
131 4.2 6.1 18.3#
85 0.8 32.7 98.1#



#76
1,2,3-Trichloropropane
Concen: 61.16 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Tgt Ion: 75 Resp: 89324
Ion Ratio Lower Upper
75 100
77 2.0 178.8 536.3#

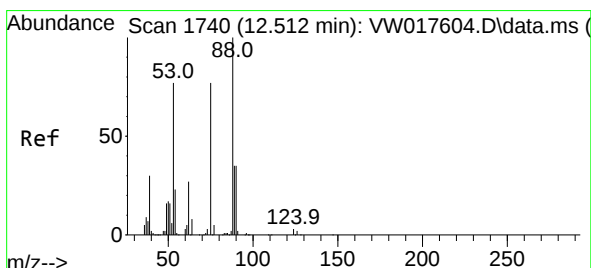
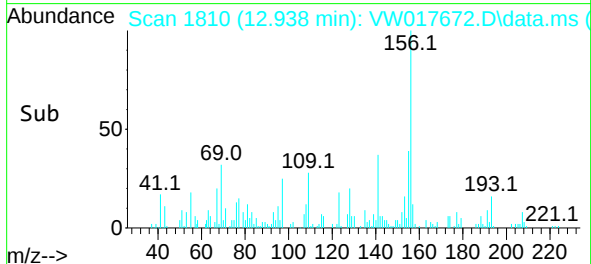
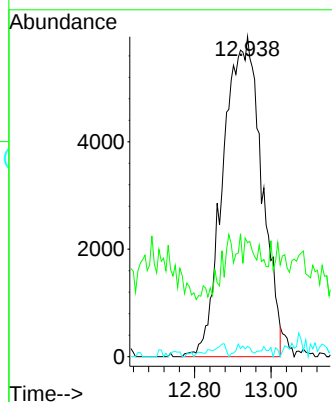
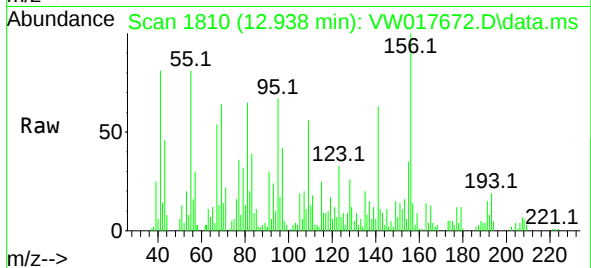




#77
Bromobenzene
Concen: 16.16 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. 0.189 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:156 Resp: 41534
Ion Ratio Lower Upper
156 100
77 0.0 79.0 237.2#
158 0.0 47.0 141.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 123.91 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017672.D
Acq: 18 Dec 2020 13:31

Tgt Ion: 75 Resp: 89324
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.4 38.7 58.1#

