

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
 Data File : VW017676.D
 Acq On : 18 Dec 2020 15:12
 Operator : SY/VA
 Sample : L5036-11
 Misc : 6.41G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:12:49 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)

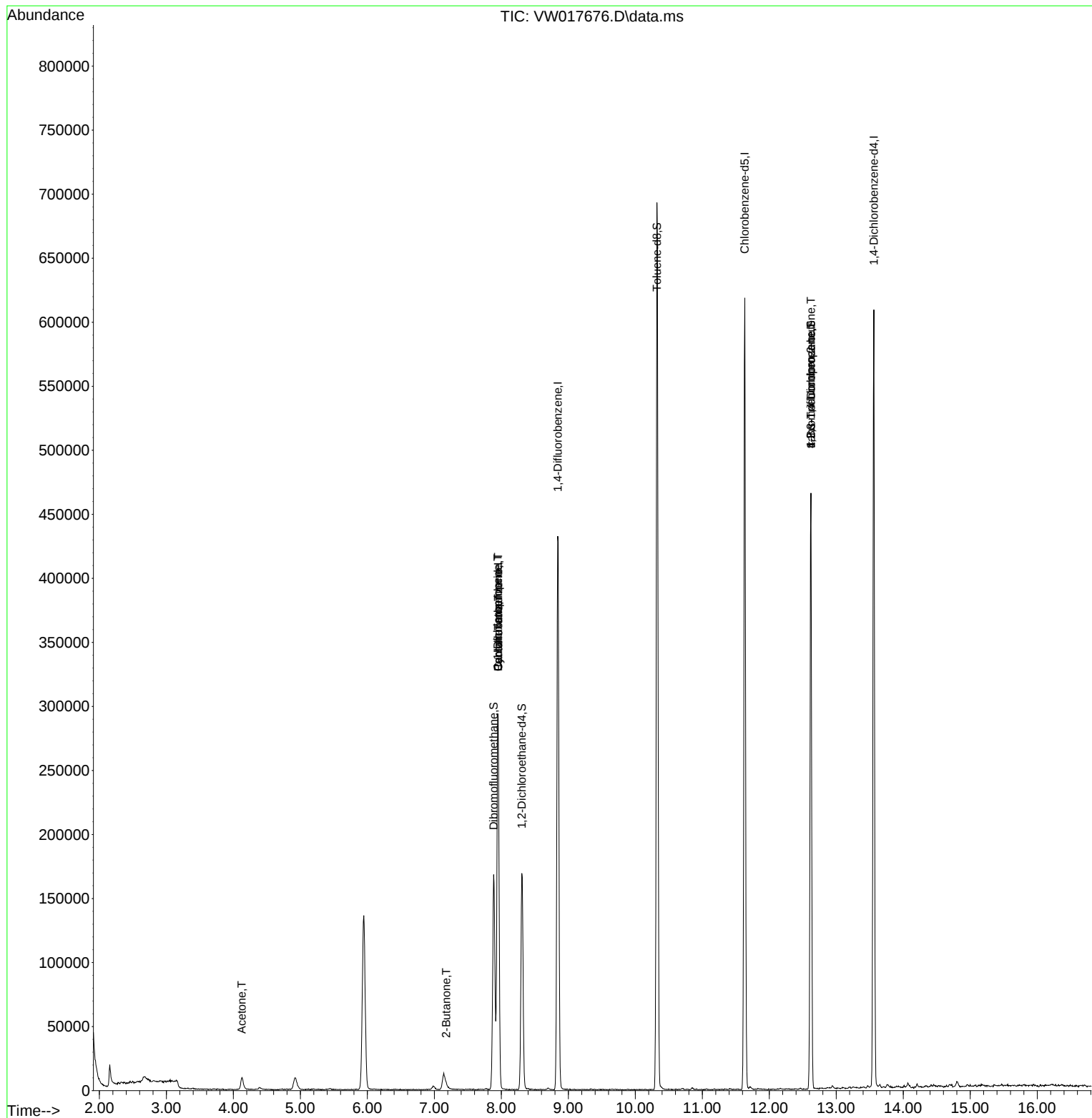
Internal Standards						
1) Pentafluorobenzene	7.951	168	211091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	362494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	316079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	140744	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	136489	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	7.884	113	113194	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	10.323	98	443412	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	12.621	95	145643	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.190	59	389	Below Cal	#	82
16) Acetone	4.123	43	17195	30.73	ug/l	93
20) Methylene Chloride	4.922	84	6859	Below Cal		89
25) 2-Butanone	7.177	43	5085	6.83	ug/l	98
26) 2,2-Dichloropropane	7.141	77	1031	Below Cal	#	50
31) Cyclohexane	7.951	56	6440	1.45	ug/l	# 45
36) 1,1-Dichloropropene	7.945	75	19247	5.07	ug/l	# 49
38) Carbon Tetrachloride	7.951	117	22655	5.94	ug/l	# 13
76) 1,2,3-Trichloropropane	12.621	75	85662	63.23	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	85662	128.10	ug/l	# 11

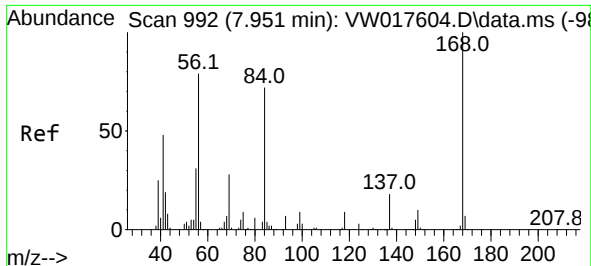
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 00:12:49 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

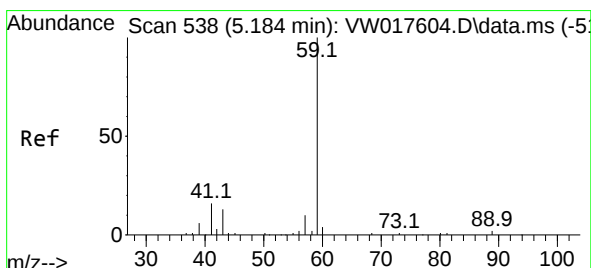
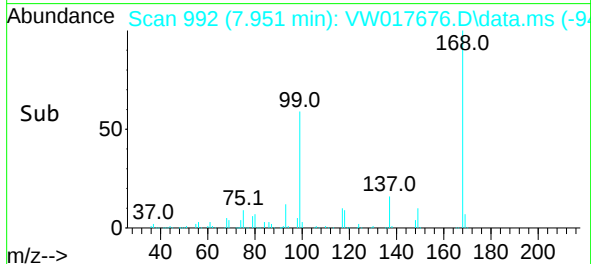
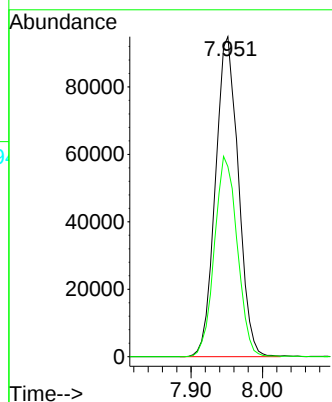
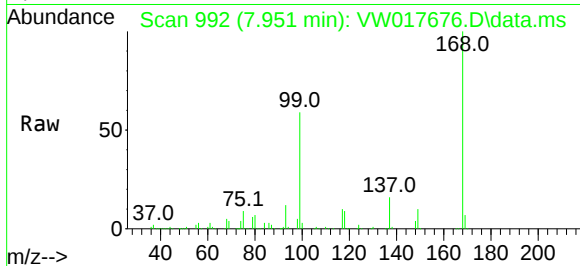




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

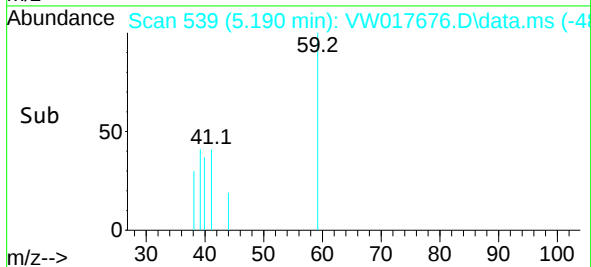
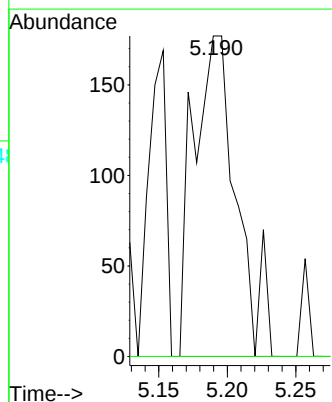
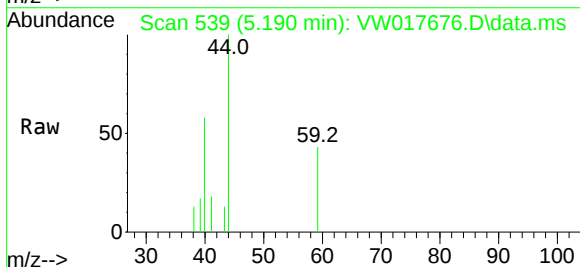
Instrument :
MSVOA_W
ClientSampleId :

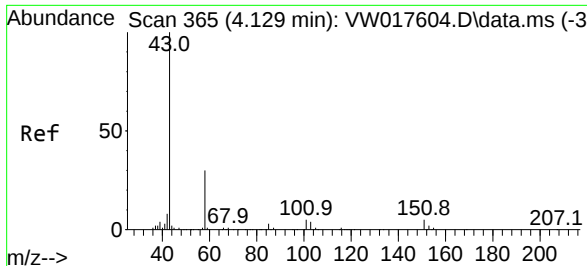
Tgt Ion:168 Resp: 211091
Ion Ratio Lower Upper
168 100
99 59.4 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

Tgt Ion: 59 Resp: 389
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

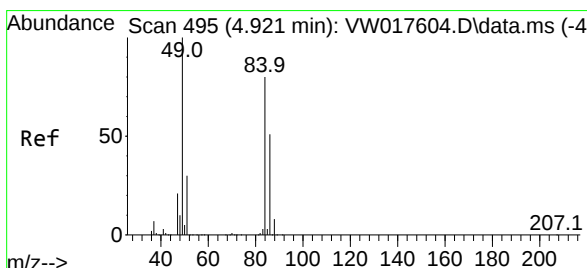
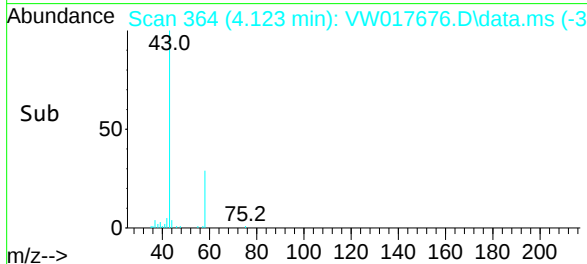
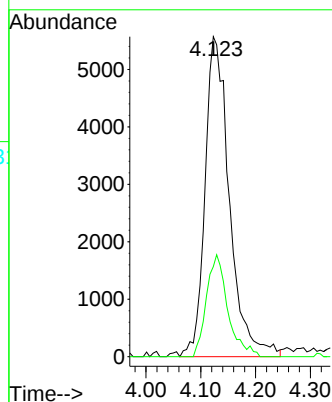
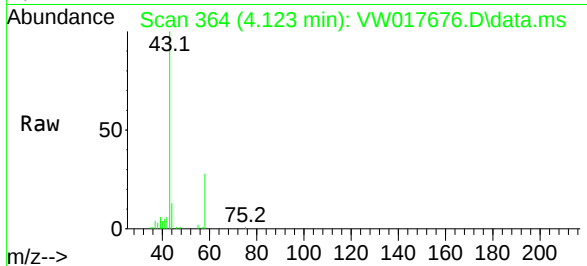




#16
Acetone
Concen: 30.73 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

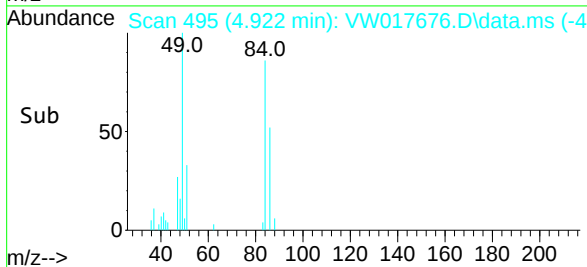
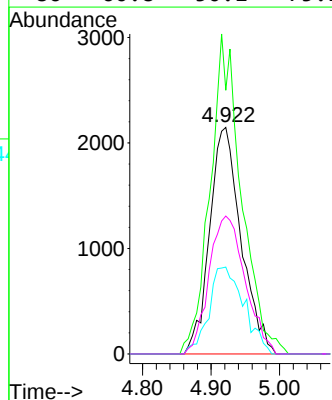
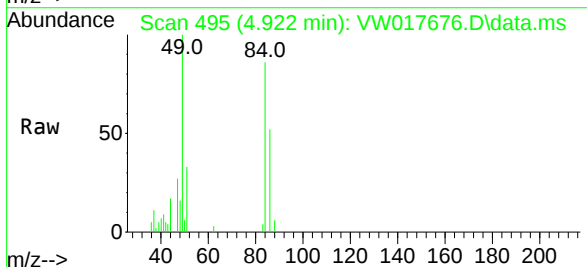
Instrument :
MSVOA_W
ClientSampled :

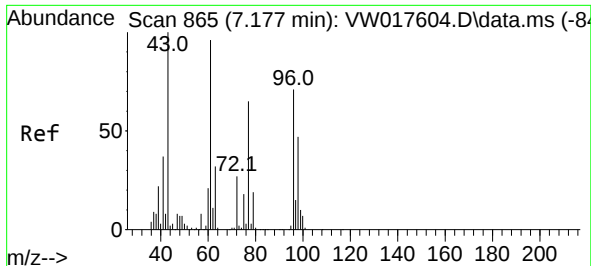
Tgt Ion: 43 Resp: 17195
Ion Ratio Lower Upper
43 100
58 28.1 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

Tgt Ion: 84 Resp: 6859
Ion Ratio Lower Upper
84 100
49 116.3 79.0 118.6
51 38.4 26.1 39.1
86 60.8 50.1 75.1

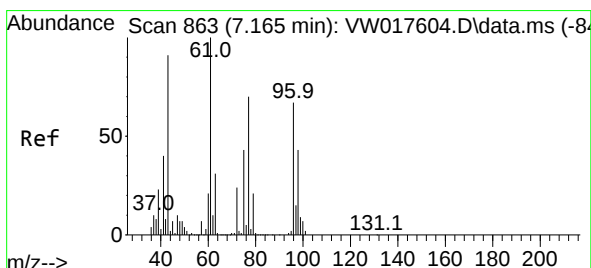
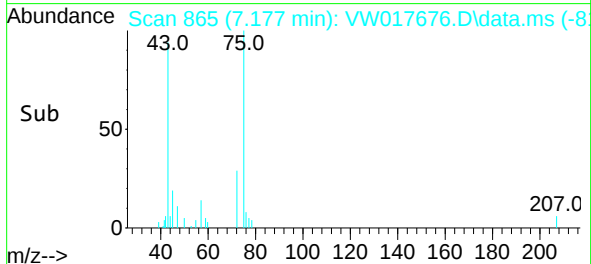
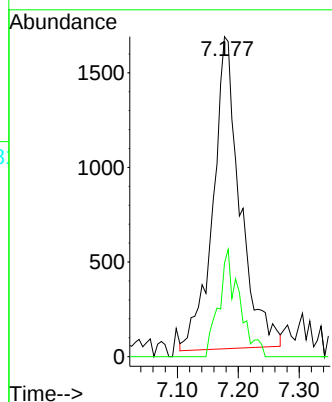
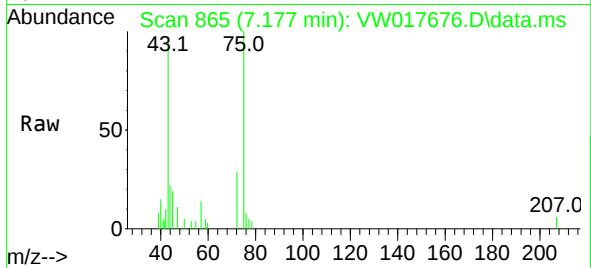




#25
2-Butanone
Concen: 6.83 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

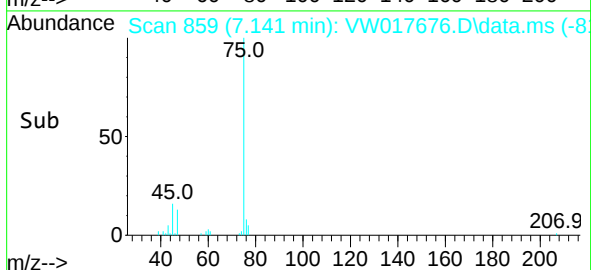
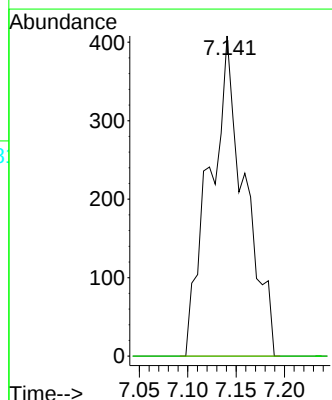
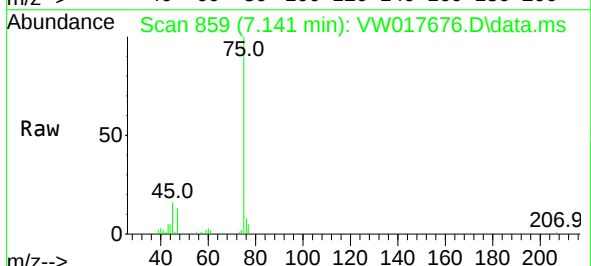
Instrument :
MSVOA_W
ClientSampled :

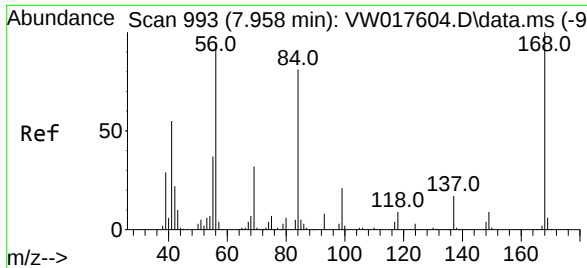
Tgt Ion: 43 Resp: 5085
Ion Ratio Lower Upper
43 100
72 30.5 25.4 38.2



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

Tgt Ion: 77 Resp: 1031
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

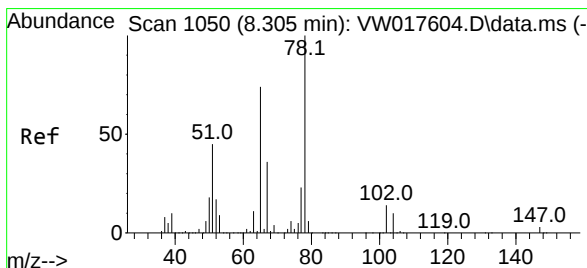
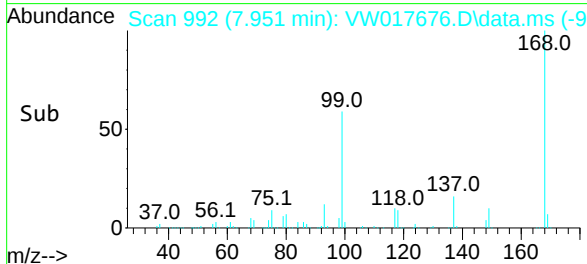
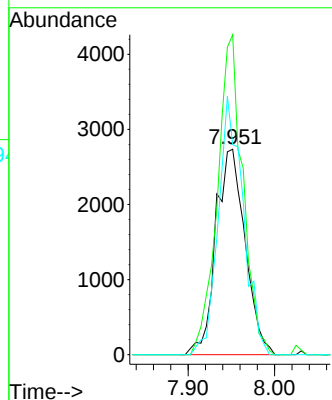
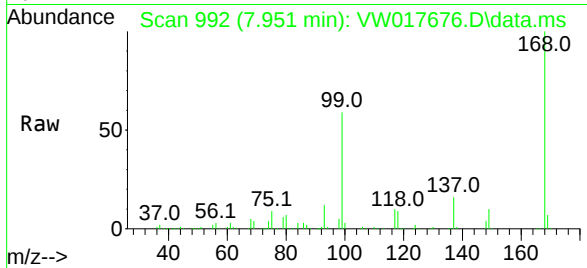




#31
Cyclohexane
Concen: 1.45 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

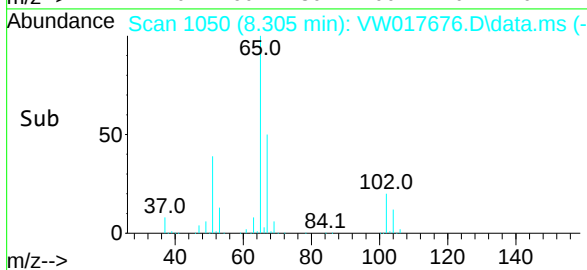
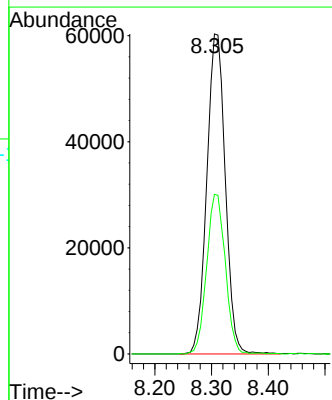
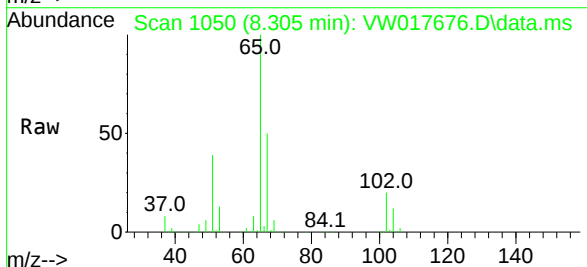
Instrument :
MSVOA_W
ClientSampleId :

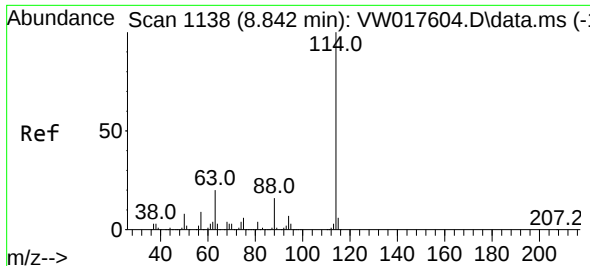
Tgt Ion: 56 Resp: 6440
Ion Ratio Lower Upper
56 100
69 155.7 29.3 43.9#
84 102.3 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 53.08 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

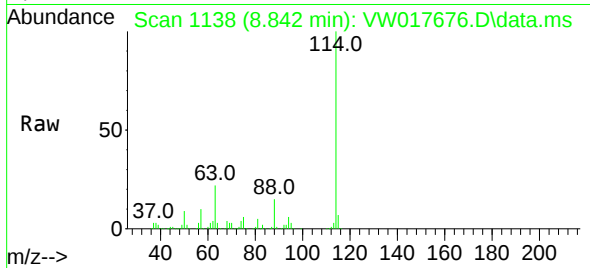
Tgt Ion: 65 Resp: 136489
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.8



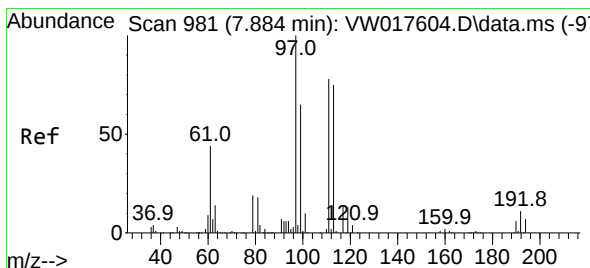
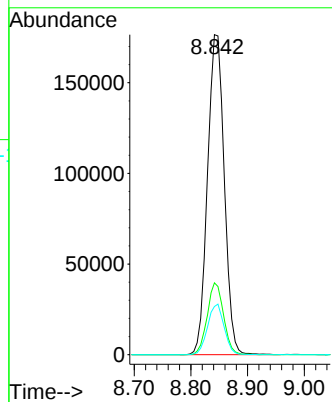
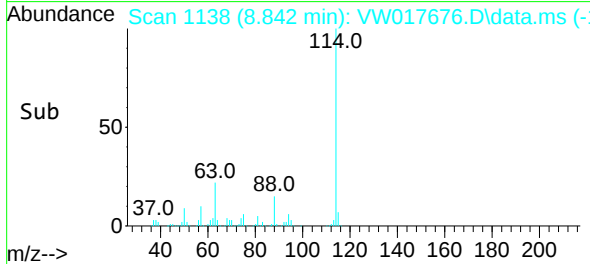


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

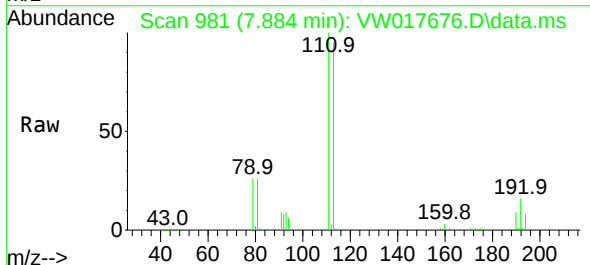
Instrument :
MSVOA_W
ClientSampleId :



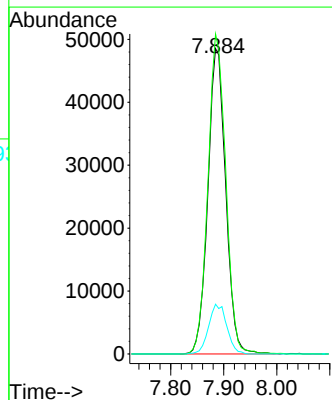
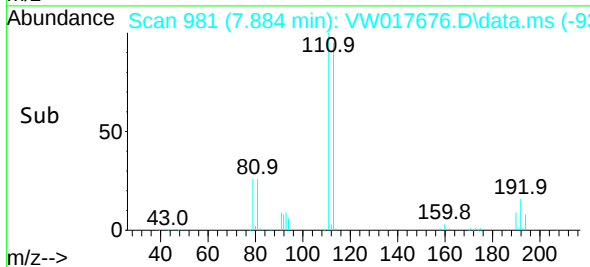
Tgt Ion:114 Resp: 362494
Ion Ratio Lower Upper
114 100
63 22.5 0.0 35.6
88 15.1 0.0 30.4

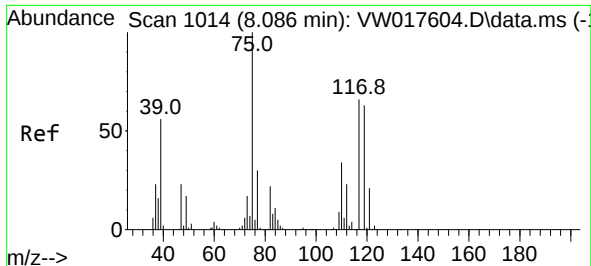


#35
Dibromofluoromethane
Concen: 47.19 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12



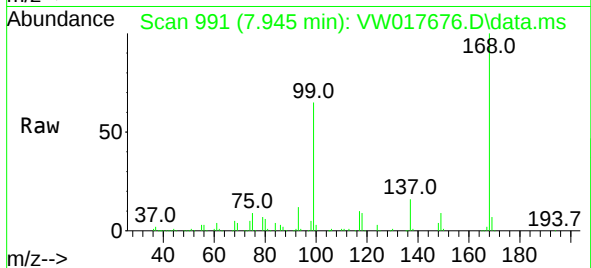
Tgt Ion:113 Resp: 113194
Ion Ratio Lower Upper
113 100
111 105.0 81.4 122.2
192 16.6 17.8 26.8#



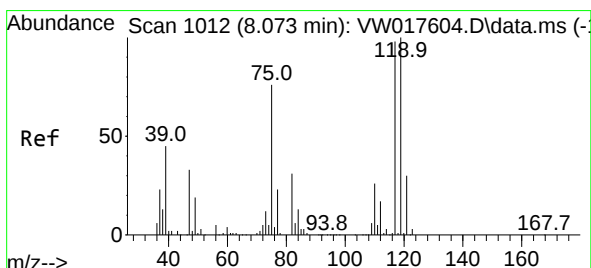
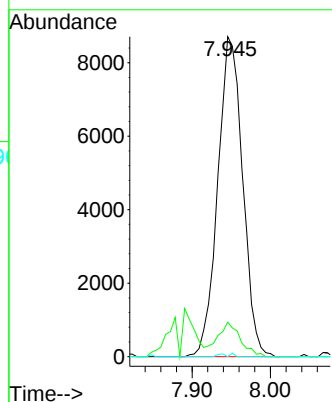
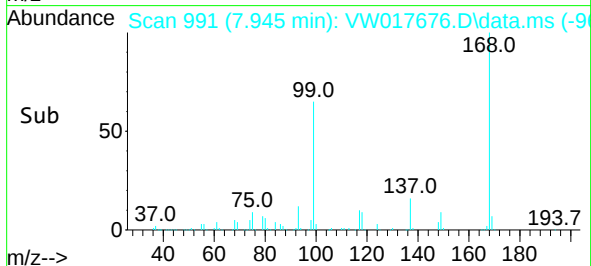


#36
 1,1-Dichloropropene
 Concen: 5.07 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.141 min
 Lab File: VW017676.D
 Acq: 18 Dec 2020 15:12

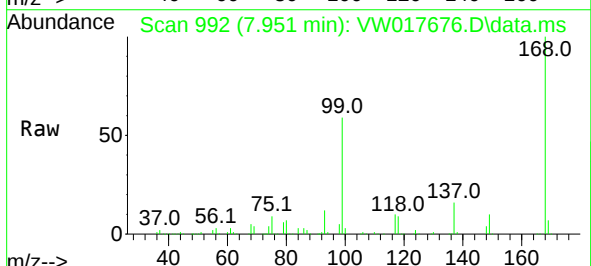
Instrument :
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 ClientSampleId :



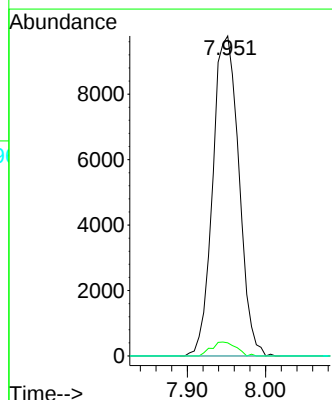
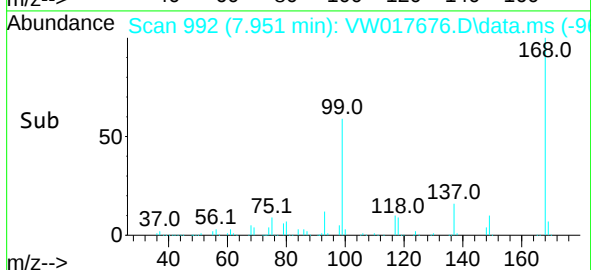
Tgt Ion: 75 Resp: 19247
 Ion Ratio Lower Upper
 75 100
 110 10.1 19.3 57.9#
 77 0.3 25.0 37.6#

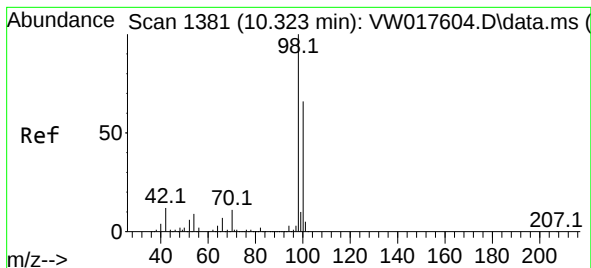


#38
 Carbon Tetrachloride
 Concen: 5.94 ug/l
 RT: 7.951 min Scan# 992
 Delta R.T. -0.122 min
 Lab File: VW017676.D
 Acq: 18 Dec 2020 15:12



Tgt Ion: 117 Resp: 22655
 Ion Ratio Lower Upper
 117 100
 119 4.1 81.6 122.4#
 121 0.0 25.7 38.5#

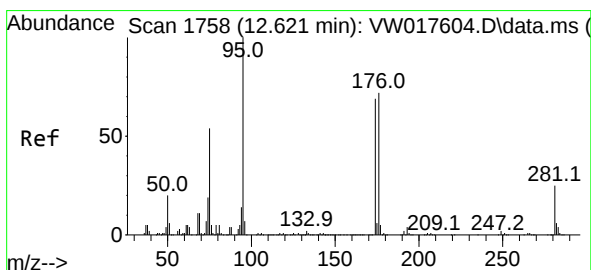
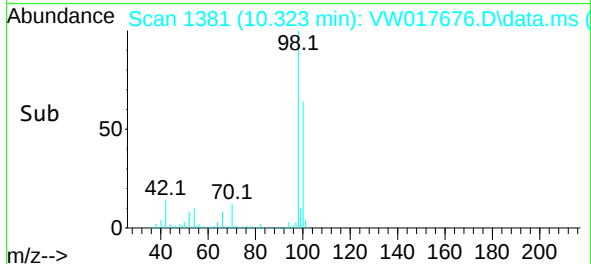
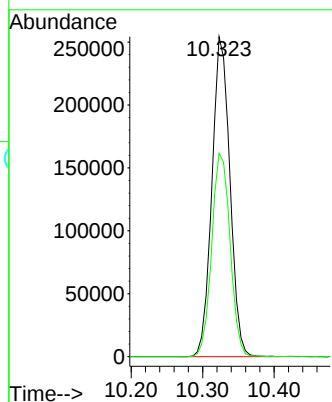
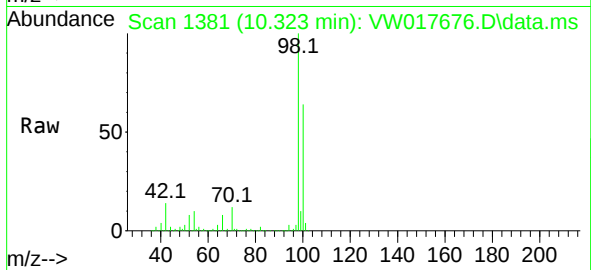




#50
Toluene-d8
Concen: 47.48 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

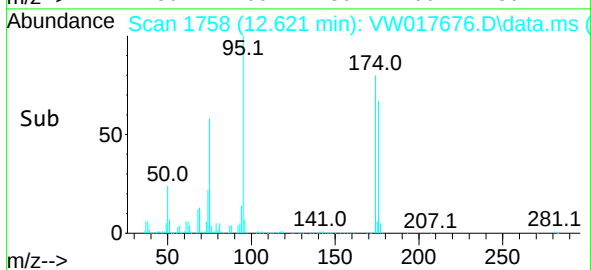
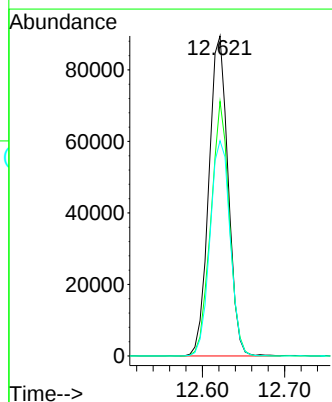
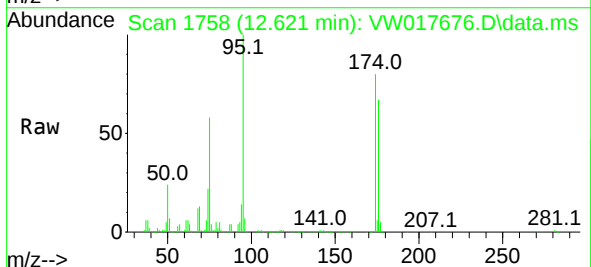
Instrument :
MSVOA_W
ClientSampled :

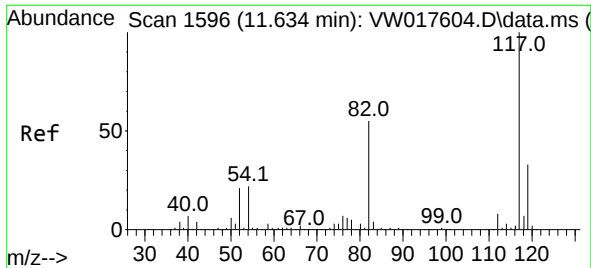
Tgt Ion: 98 Resp: 443412
Ion Ratio Lower Upper
98 100
100 65.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 43.68 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

Tgt Ion: 95 Resp: 145643
Ion Ratio Lower Upper
95 100
174 76.1 0.0 180.6
176 70.1 0.0 177.6

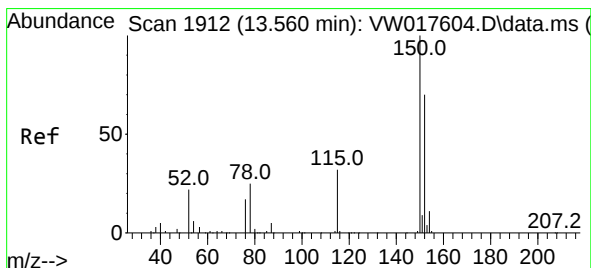
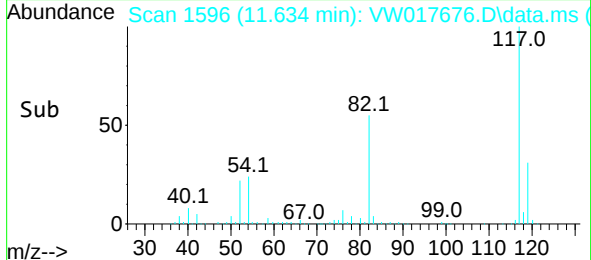
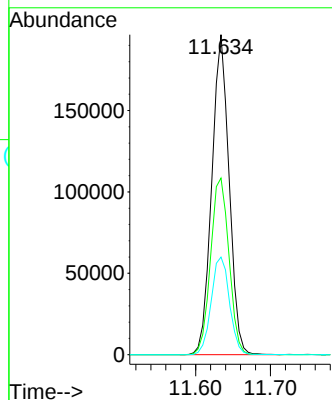
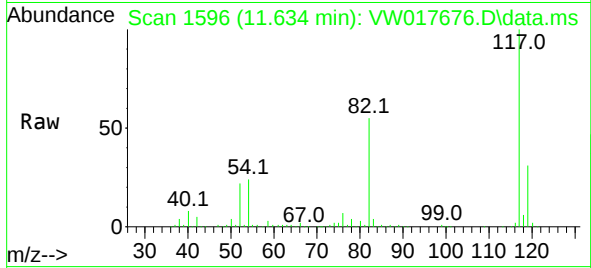




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

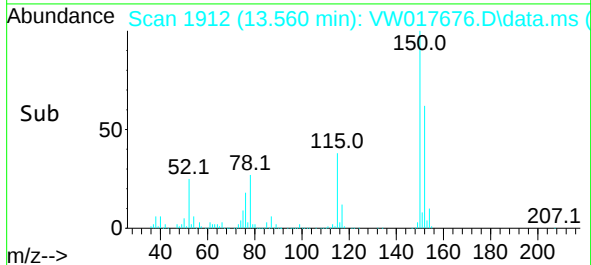
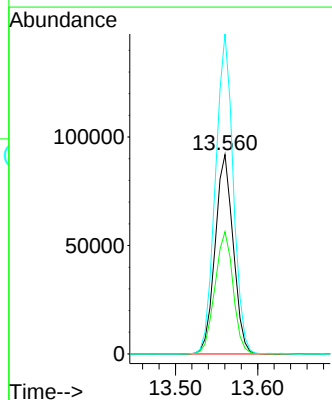
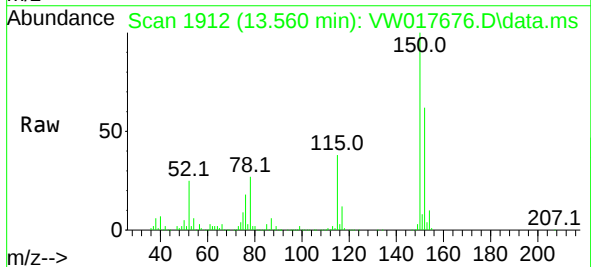
Instrument :
MSVOA_W
ClientSampleId :

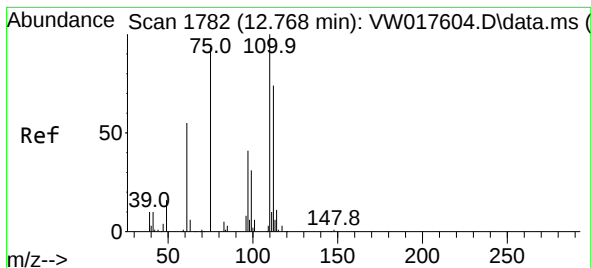
Tgt Ion:117 Resp: 316079
Ion Ratio Lower Upper
117 100
82 55.2 40.7 61.1
119 30.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

Tgt Ion:152 Resp: 140744
Ion Ratio Lower Upper
152 100
115 61.6 27.9 83.7
150 157.5 0.0 344.0

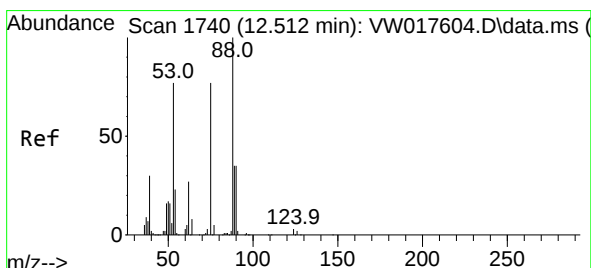
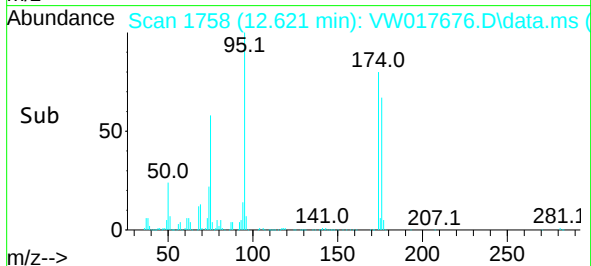
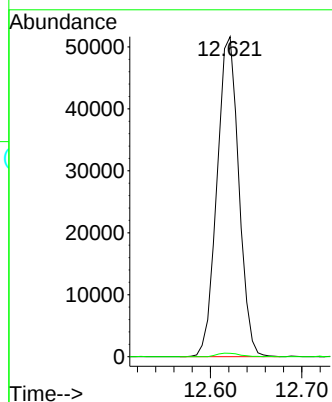
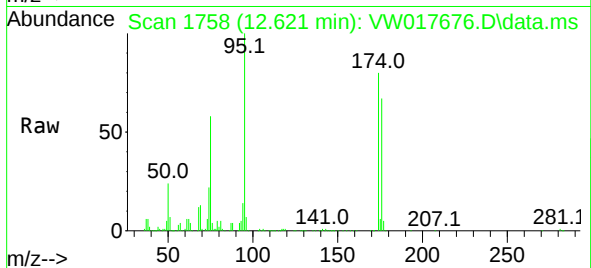




#76
1,2,3-Trichloropropane
Concen: 63.23 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 85662
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.10 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017676.D
Acq: 18 Dec 2020 15:12

Tgt Ion: 75 Resp: 85662
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.0 38.7 58.1#

