

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
 Data File : VW017673.D
 Acq On : 18 Dec 2020 13:56
 Operator : SY/VA
 Sample : L5036-08
 Misc : 6.01G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:11:57 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)

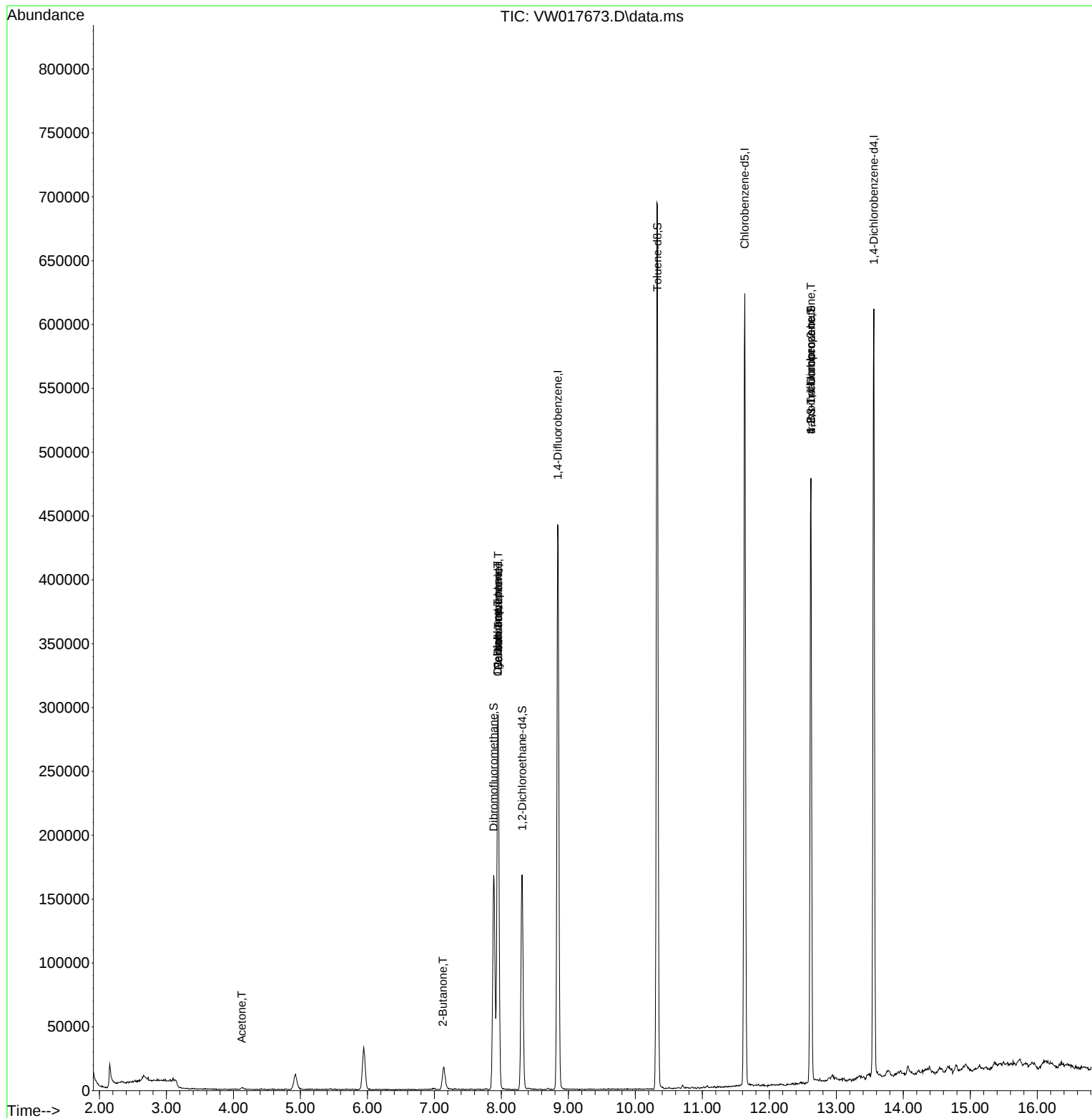
Internal Standards						
1) Pentafluorobenzene	7.951	168	212410	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	359475	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	326211	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	139757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	138171	53.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.80%	
35) Dibromofluoromethane	7.884	113	117340	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	10.329	98	454623	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	12.621	95	149505	45.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.42%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.165	59	301	Below Cal	#	82
16) Acetone	4.123	43	2692	4.78	ug/l	98
20) Methylene Chloride	4.927	84	8907	Below Cal	#	86
25) 2-Butanone	7.128	43	1406	1.88	ug/l	# 43
26) 2,2-Dichloropropane	7.140	77	837	Below Cal	#	50
31) Cyclohexane	7.945	56	6157	1.38	ug/l	# 49
36) 1,1-Dichloropropene	7.945	75	18752	4.98	ug/l	# 48
38) Carbon Tetrachloride	7.951	117	22983	6.08	ug/l	# 12
76) 1,2,3-Trichloropropane	12.621	75	85429	63.50	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	85429	128.66	ug/l	# 11

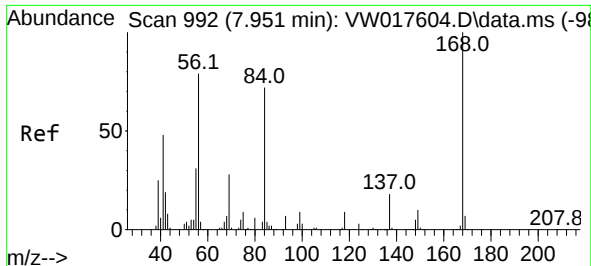
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
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Quant Time: Dec 19 00:11:57 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

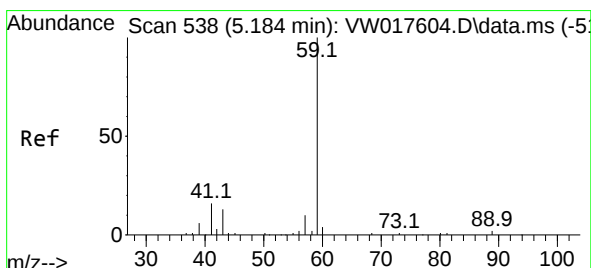
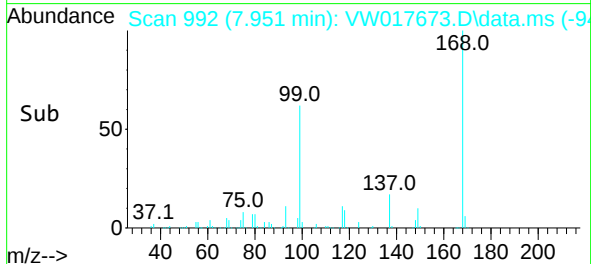
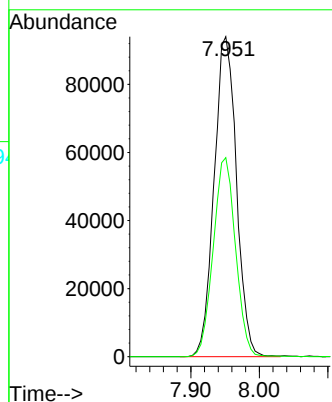
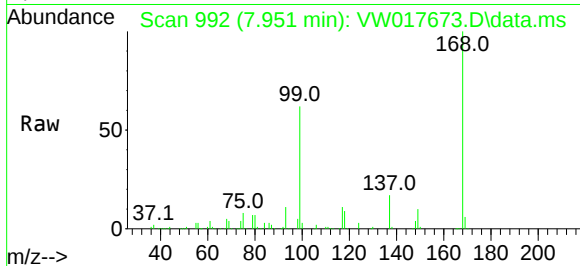




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

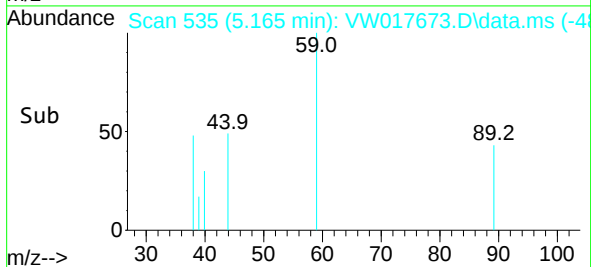
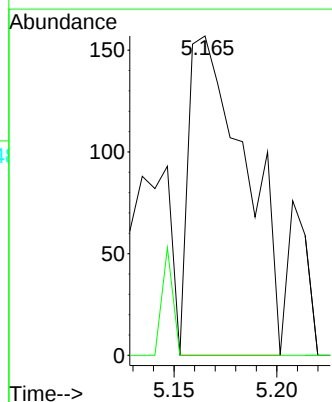
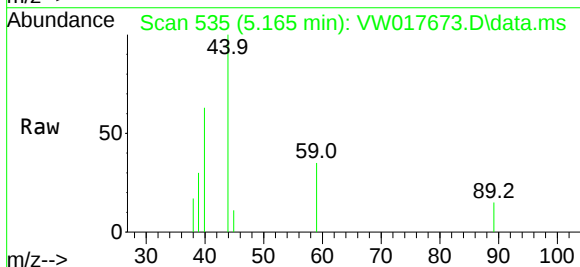
Instrument :
MSVOA_W
ClientSampleId :

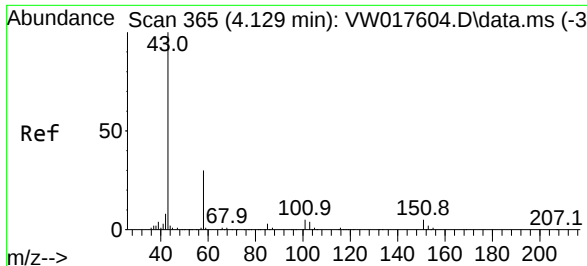
Tgt Ion:168 Resp: 212410
Ion Ratio Lower Upper
168 100
99 62.2 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Tgt Ion: 59 Resp: 301
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

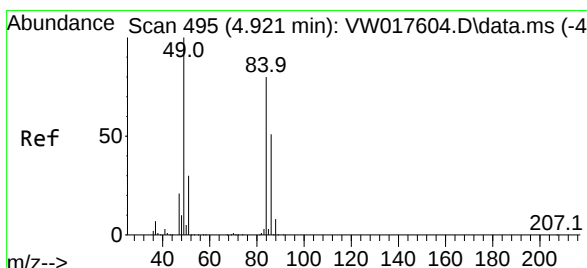
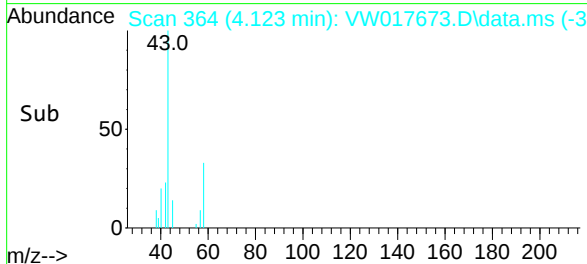
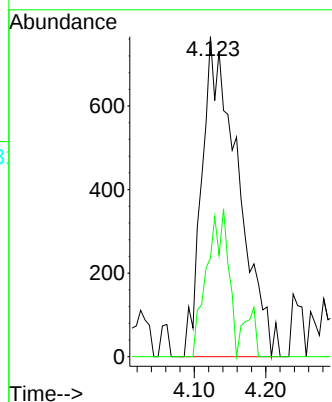
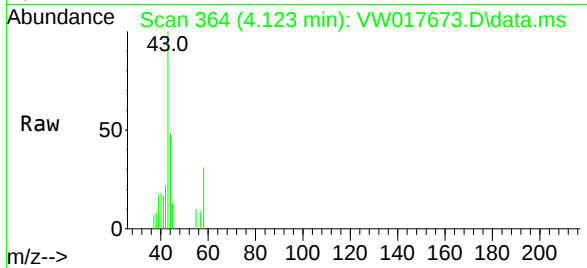




#16
Acetone
Concen: 4.78 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

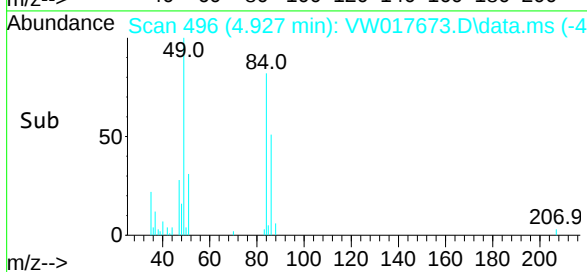
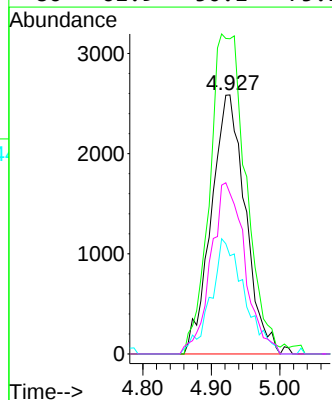
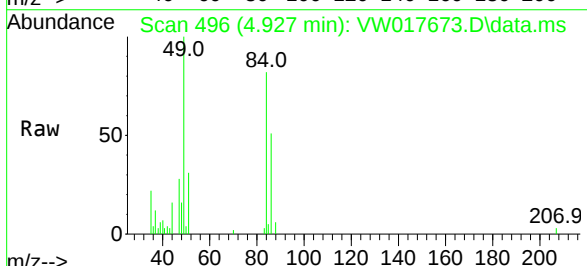
Instrument :
MSVOA_W
ClientSampleId :

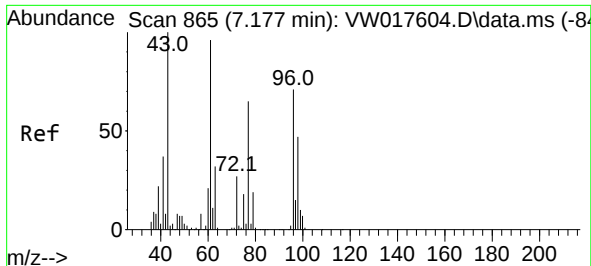
Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
58 30.8 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.927 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Tgt Ion: 84 Resp: 8907
Ion Ratio Lower Upper
84 100
49 121.7 79.0 118.6#
51 37.9 26.1 39.1
86 61.9 50.1 75.1

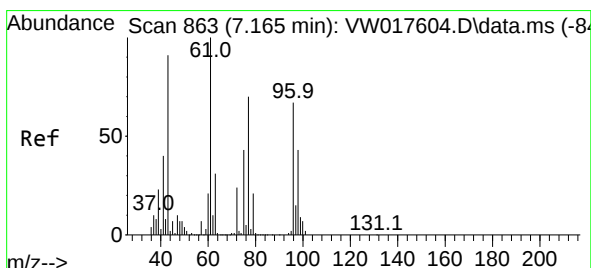
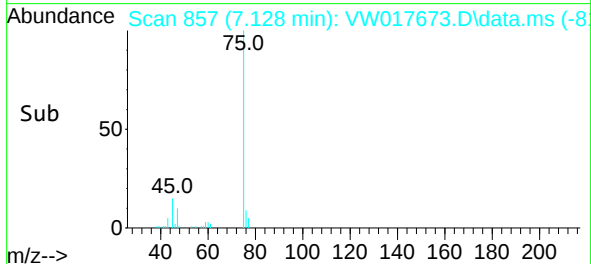
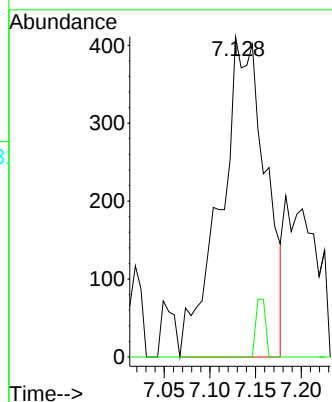
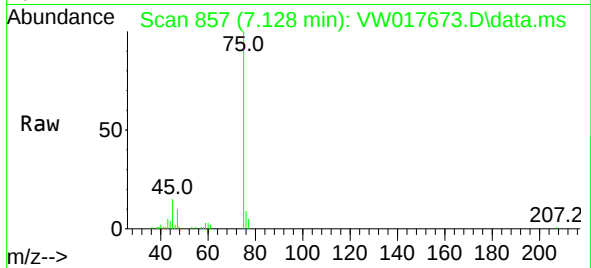




#25
2-Butanone
Concen: 1.88 ug/l
RT: 7.128 min Scan# 857
Delta R.T. -0.049 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

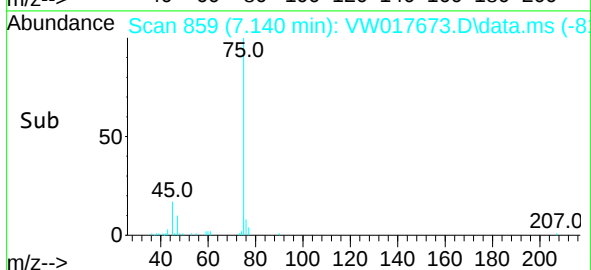
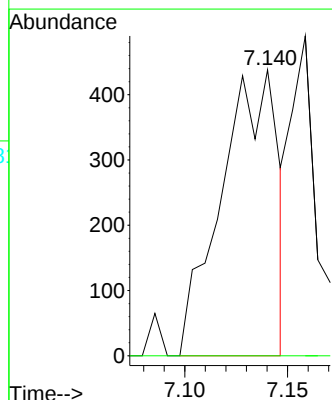
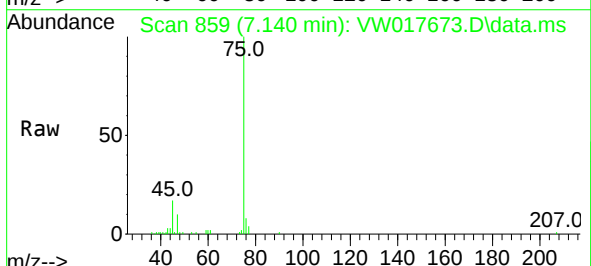
Instrument :
MSVOA_W
ClientSampled :

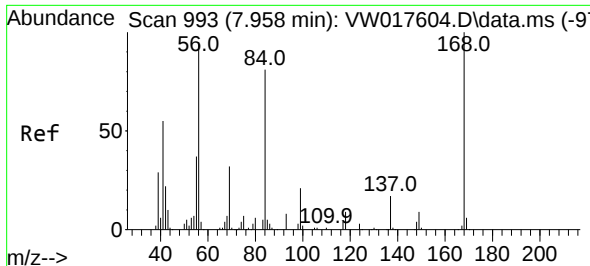
Tgt Ion: 43 Resp: 1406
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.140 min Scan# 859
Delta R.T. -0.025 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Tgt Ion: 77 Resp: 837
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

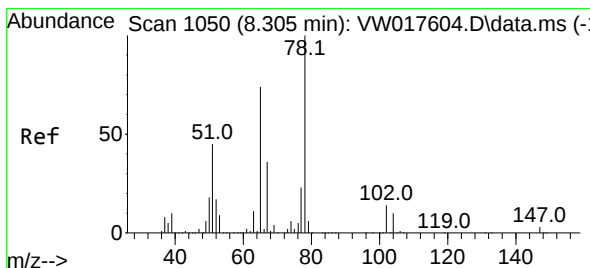
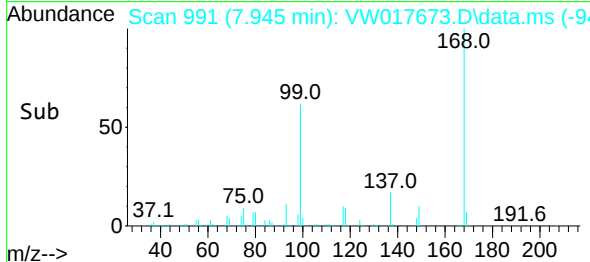
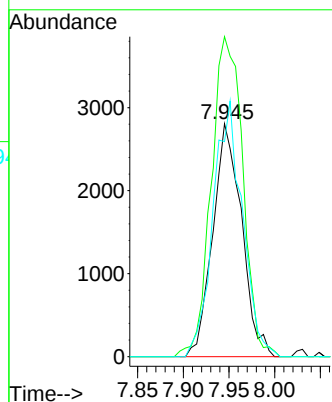
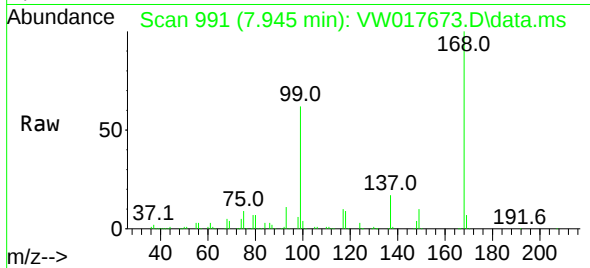




#31
Cyclohexane
Concen: 1.38 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

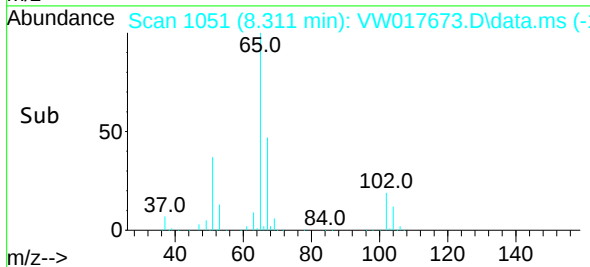
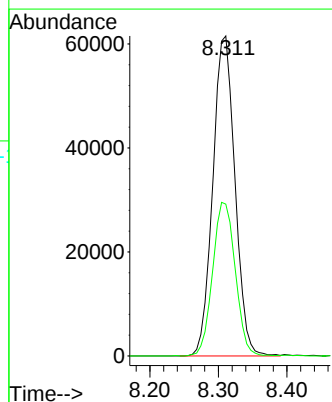
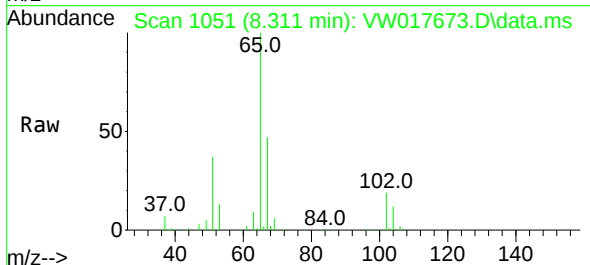
Instrument :
MSVOA_W
ClientSampleId :

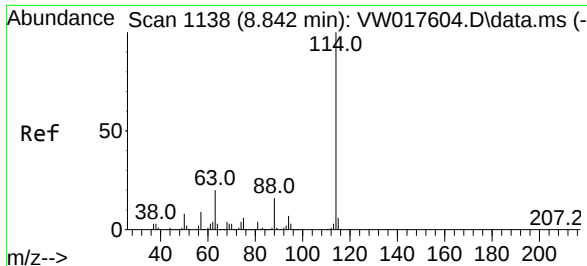
Tgt Ion: 56 Resp: 6157
Ion Ratio Lower Upper
56 100
69 137.3 29.3 43.9#
84 92.3 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 53.40 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Tgt Ion: 65 Resp: 138171
Ion Ratio Lower Upper
65 100
67 49.1 0.0 103.8

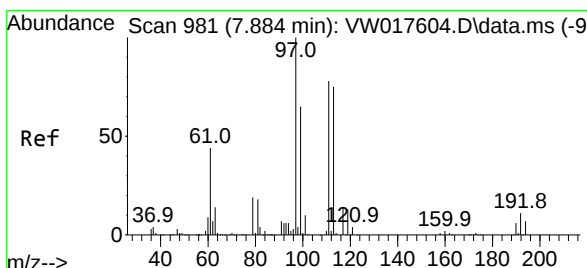
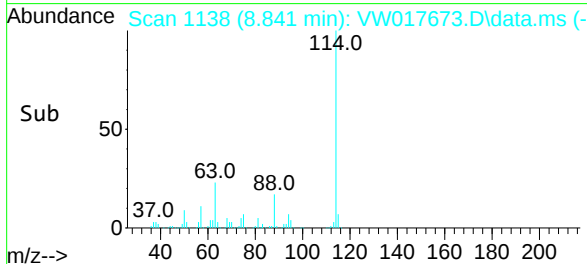
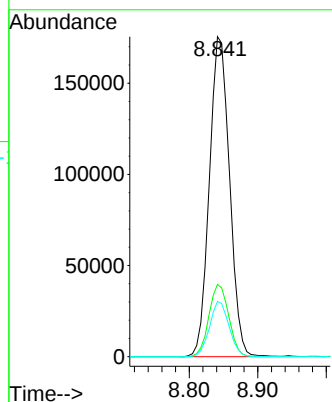
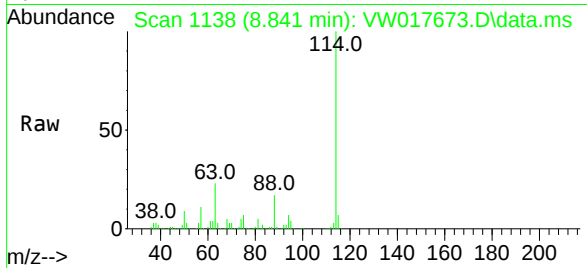




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

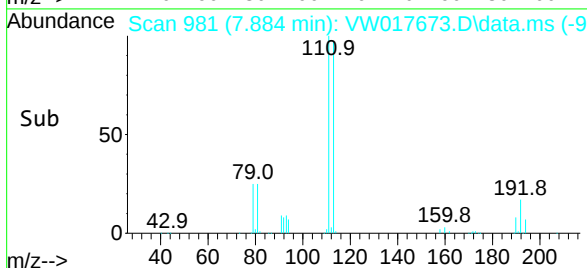
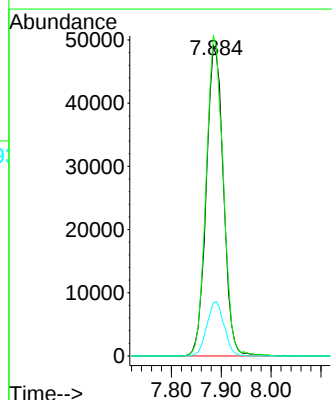
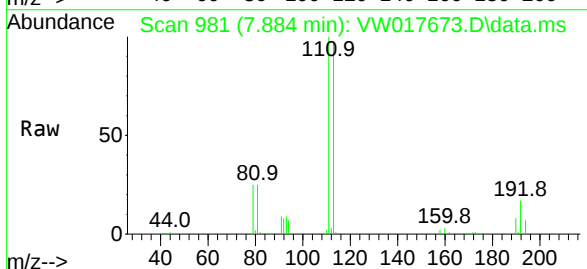
Instrument :
MSVOA_W
ClientSampleId :

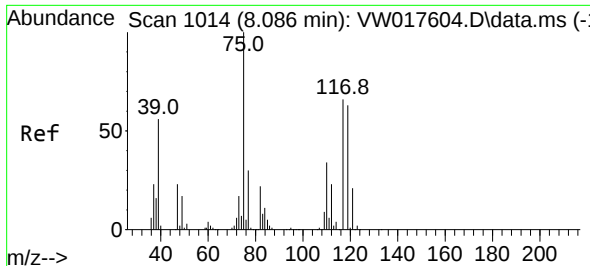
Tgt Ion:114 Resp: 359475
Ion Ratio Lower Upper
114 100
63 22.6 0.0 35.6
88 17.2 0.0 30.4



#35
Dibromofluoromethane
Concen: 49.33 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

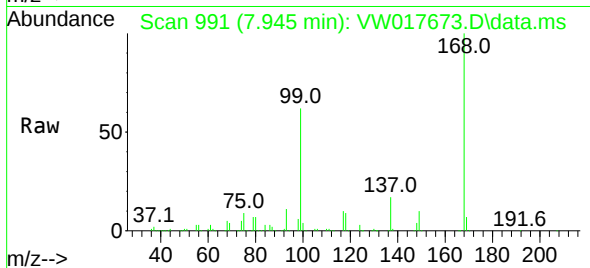
Tgt Ion:113 Resp: 117340
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 17.6 17.8 26.8#



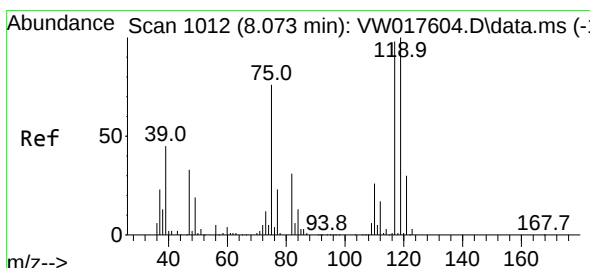
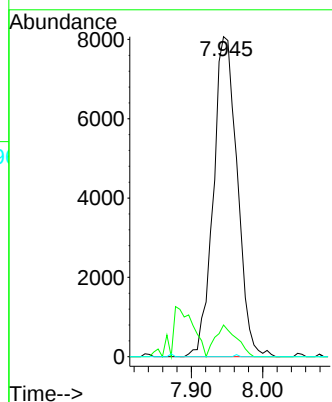
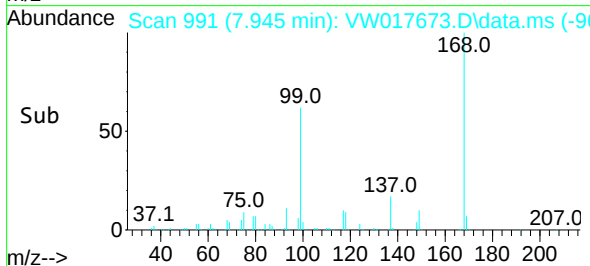


#36
1,1-Dichloropropene
Concen: 4.98 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

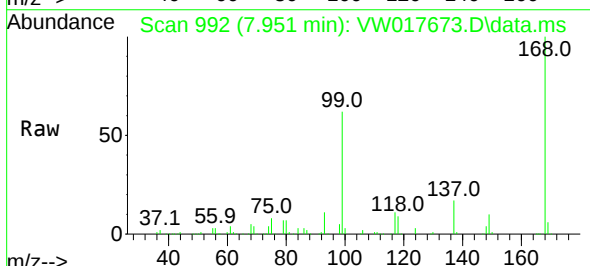
Instrument :
MSVOA_W
ClientSampleId :



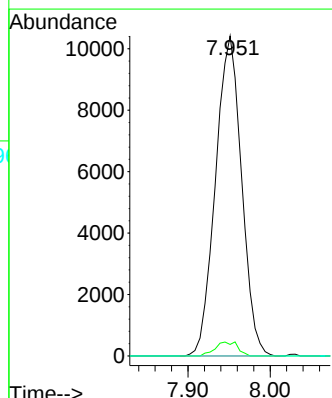
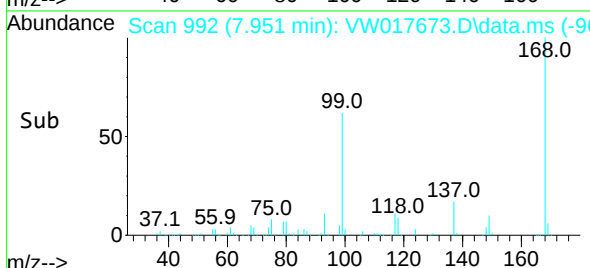
Tgt Ion: 75 Resp: 18752
Ion Ratio Lower Upper
75 100
110 8.8 19.3 57.9#
77 0.1 25.0 37.6#

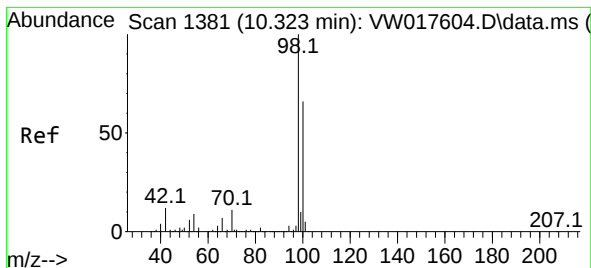


#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56



Tgt Ion: 117 Resp: 22983
Ion Ratio Lower Upper
117 100
119 3.6 81.6 122.4#
121 0.0 25.7 38.5#

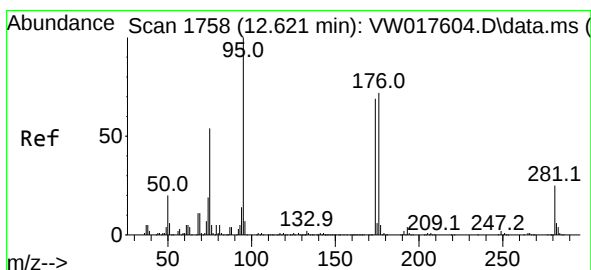
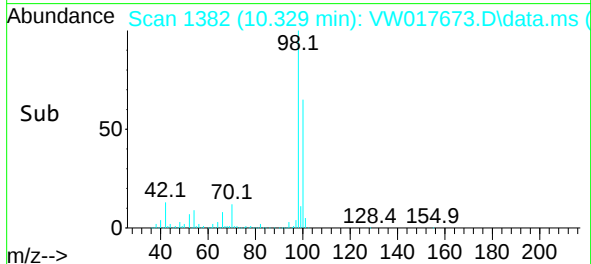
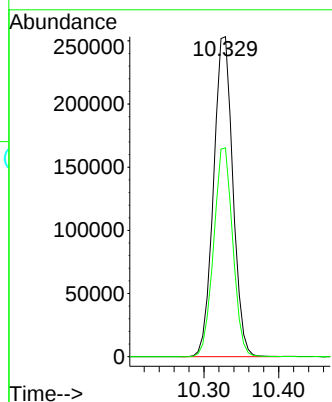
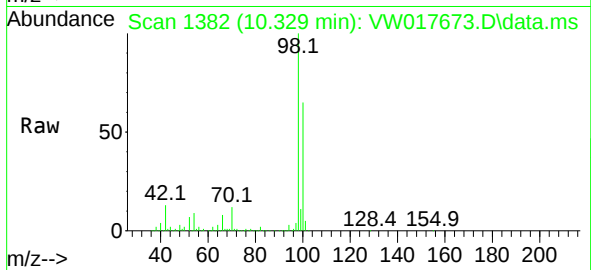




#50
Toluene-d8
Concen: 49.09 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

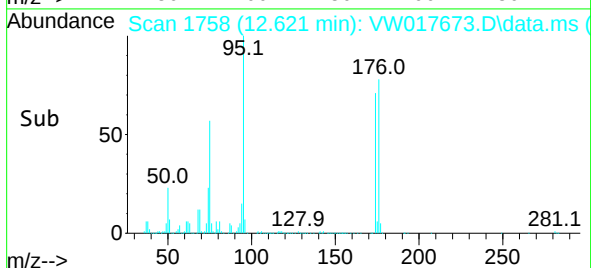
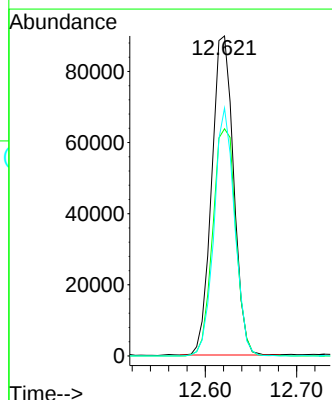
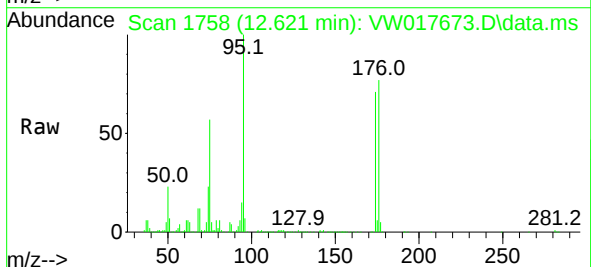
Instrument :
MSVOA_W
ClientSampled :

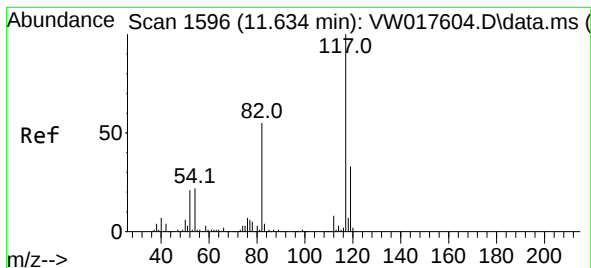
Tgt Ion: 98 Resp: 454623
Ion Ratio Lower Upper
98 100
100 64.6 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.21 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Tgt Ion: 95 Resp: 149505
Ion Ratio Lower Upper
95 100
174 74.7 0.0 180.6
176 72.8 0.0 177.6

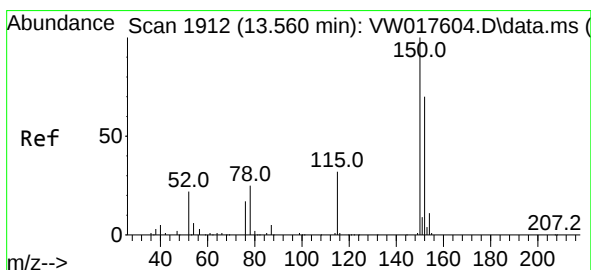
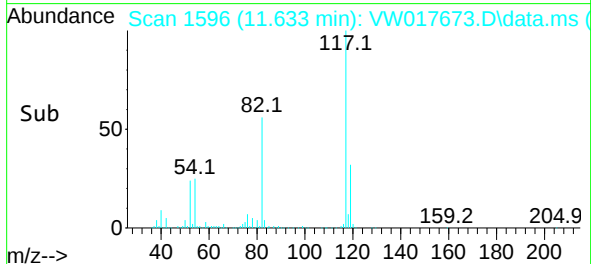
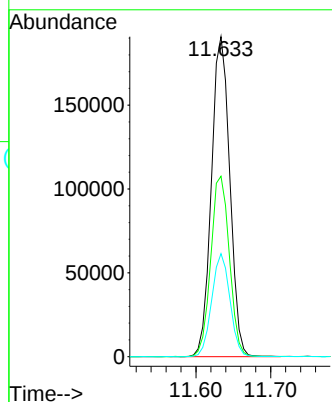
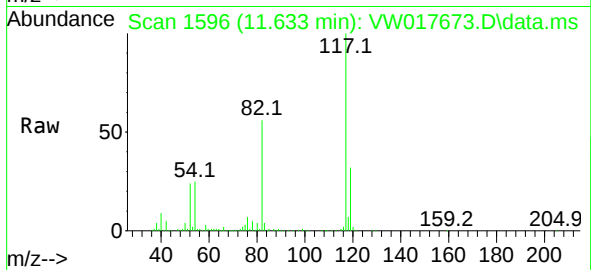




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

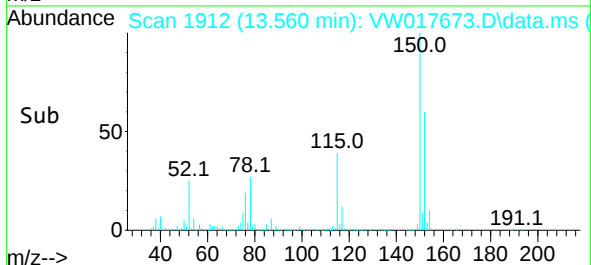
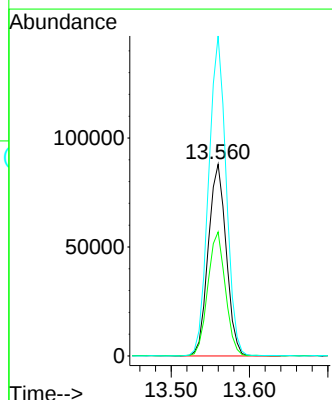
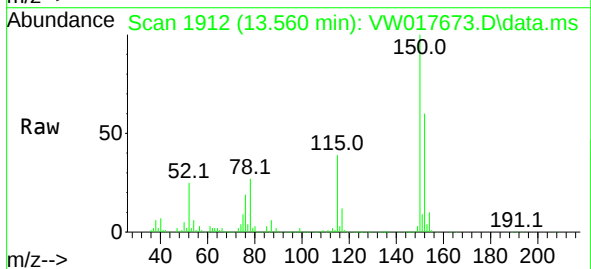
Instrument :
MSVOA_W
ClientSampleId :

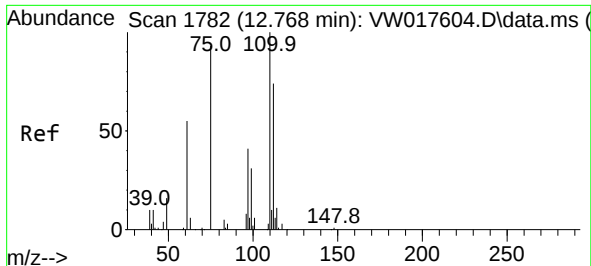
Tgt Ion:117 Resp: 326211
Ion Ratio Lower Upper
117 100
82 56.4 40.7 61.1
119 32.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Tgt Ion:152 Resp: 139757
Ion Ratio Lower Upper
152 100
115 62.9 27.9 83.7
150 163.3 0.0 344.0

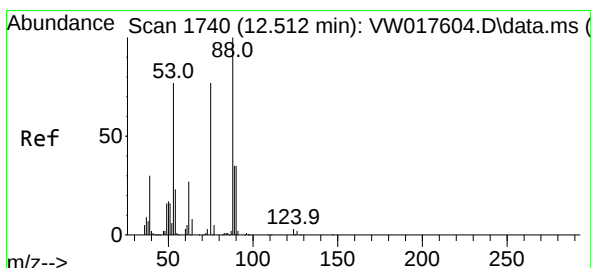
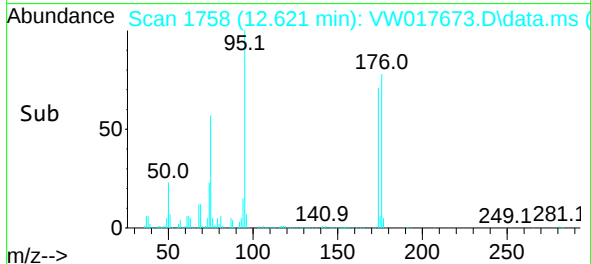
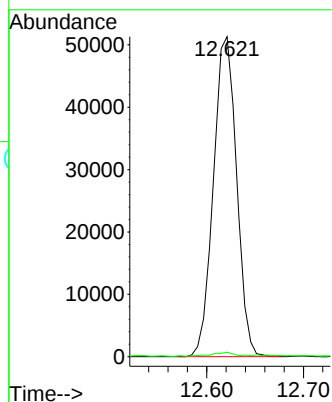
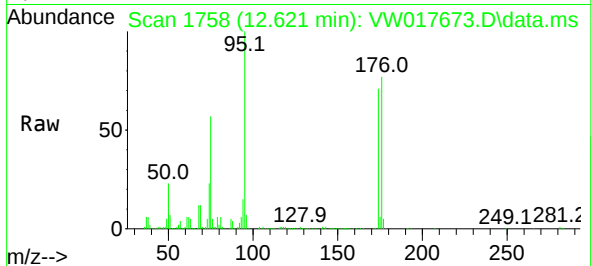




#76
1,2,3-Trichloropropane
Concen: 63.50 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 85429
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.66 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017673.D
Acq: 18 Dec 2020 13:56

Tgt Ion: 75 Resp: 85429
Ion Ratio Lower Upper
75 100
53 0.2 77.0 115.4#
89 0.1 38.7 58.1#

