

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017636.D
 Acq On : 15 Dec 2020 16:09
 Operator : SY/VA
 Sample : L5014-01RE
 Misc : 4.99G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:39:55 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)

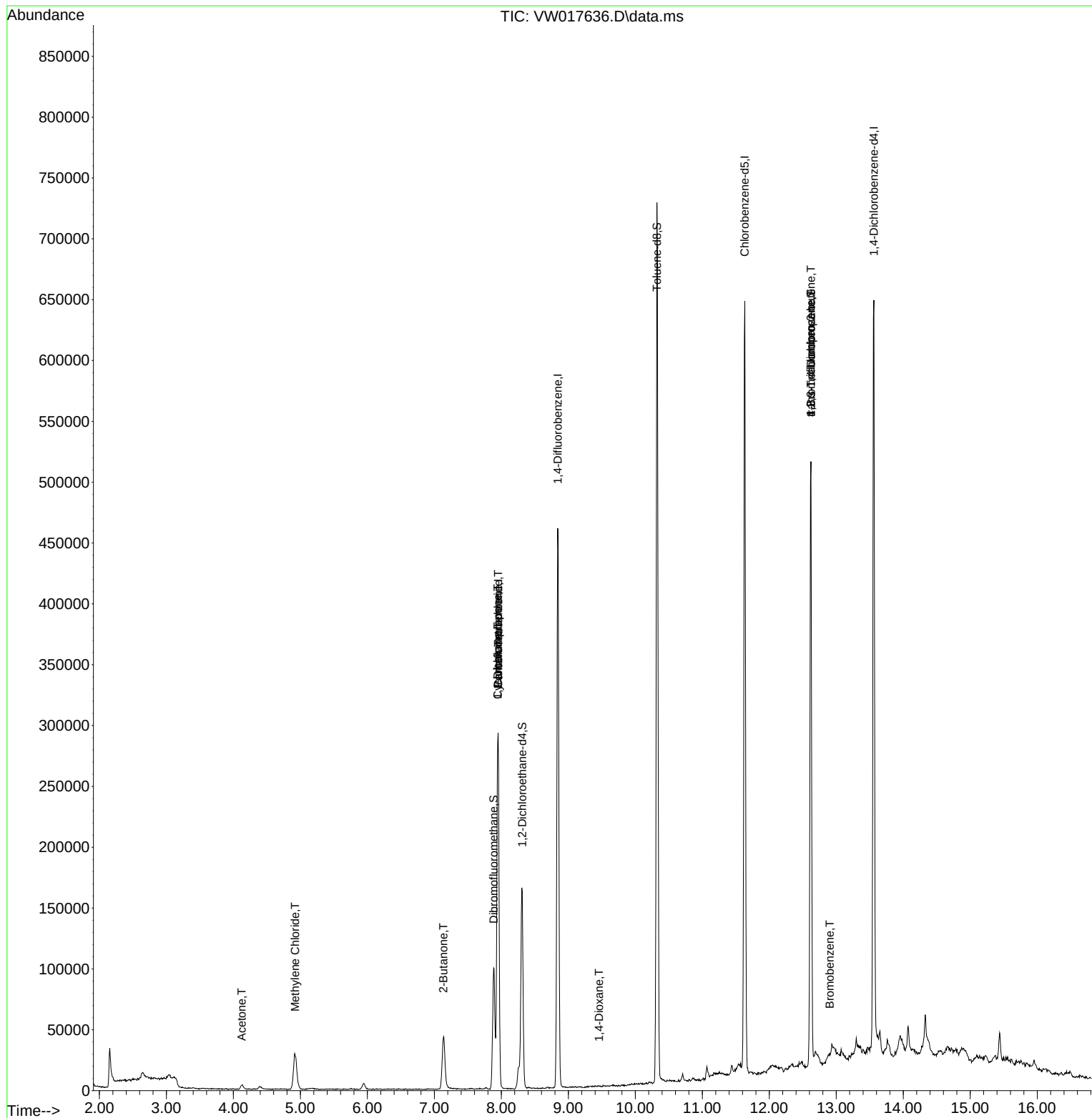
Internal Standards						
1) Pentafluorobenzene	7.952	168	213722	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	376068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	330659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	149580	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	132269	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
35) Dibromofluoromethane	7.884	113	69564	27.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	55.90%	
50) Toluene-d8	10.323	98	464567	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
62) 4-Bromofluorobenzene	12.621	95	157943	45.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.32%	
Target Compounds						
11) Tert butyl alcohol	5.153	59	736	Below Cal	#	82
16) Acetone	4.123	43	6026	10.64	ug/l	94
20) Methylene Chloride	4.922	84	23235	4.50	ug/l	# 87
25) 2-Butanone	7.135	43	3296	4.37	ug/l	# 61
26) 2,2-Dichloropropane	7.141	77	3253	Below Cal	#	50
31) Cyclohexane	7.945	56	6006	1.34	ug/l	# 42
36) 1,1-Dichloropropene	7.945	75	19476	4.95	ug/l	# 49
38) Carbon Tetrachloride	7.952	117	23546	5.95	ug/l	# 14
49) 1,4-Dioxane	9.457	88	20	1.12	ug/l	# 16
76) 1,2,3-Trichloropropane	12.621	75	88289	61.32	ug/l	# 1
77) Bromobenzene	12.902	156	3460	1.37	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.621	75	88289	124.23	ug/l	# 11

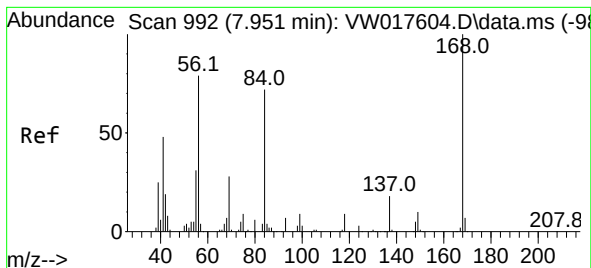
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Dec 16 02:39:55 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

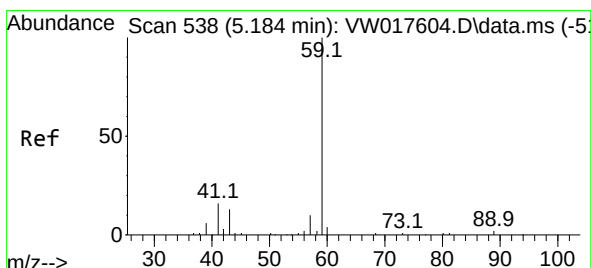
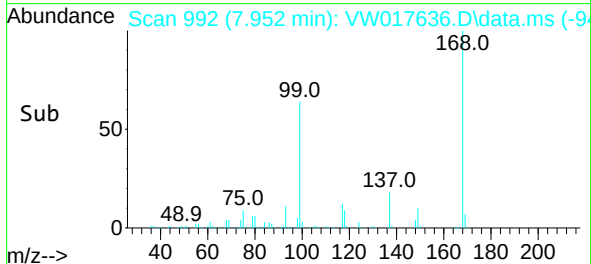
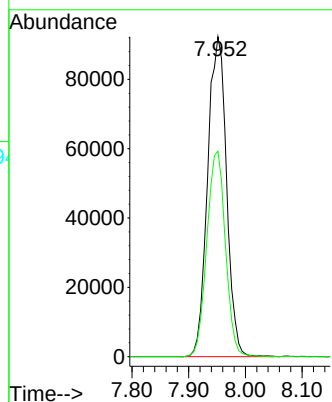
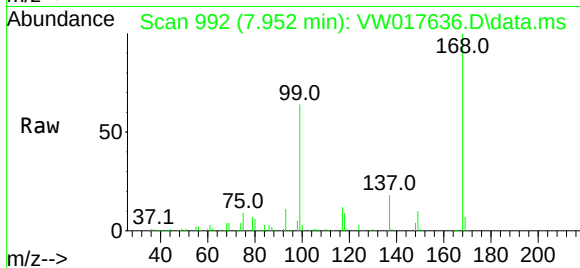




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

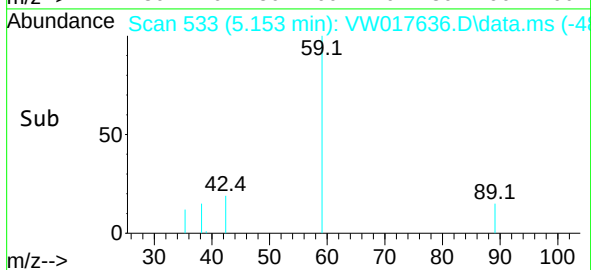
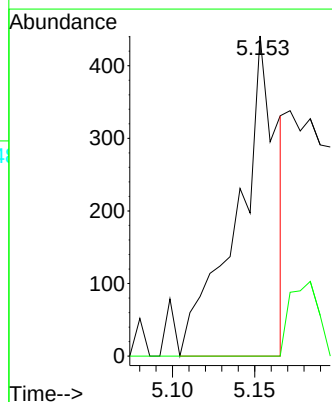
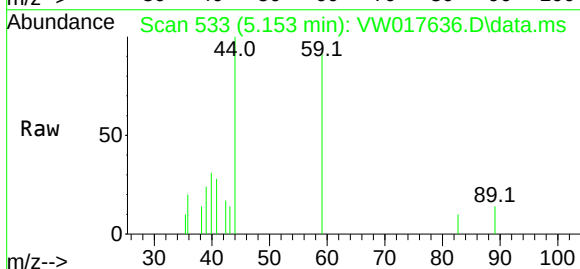
Instrument :
MSVOA_W
ClientSampleId :

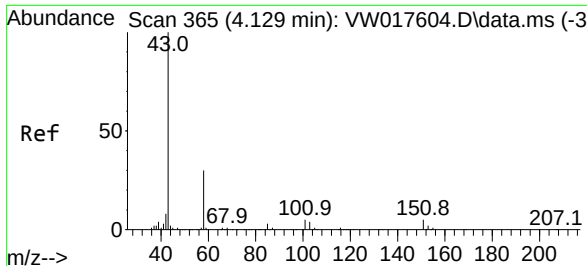
Tgt Ion:168 Resp: 213722
Ion Ratio Lower Upper
168 100
99 64.2 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.153 min Scan# 533
Delta R.T. -0.031 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

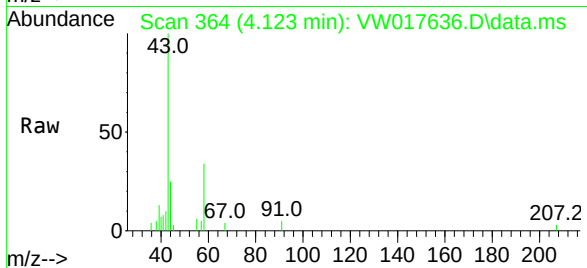
Tgt Ion: 59 Resp: 736
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#



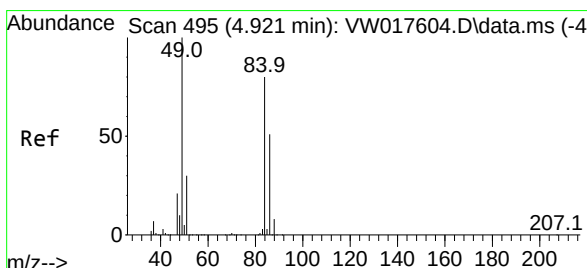
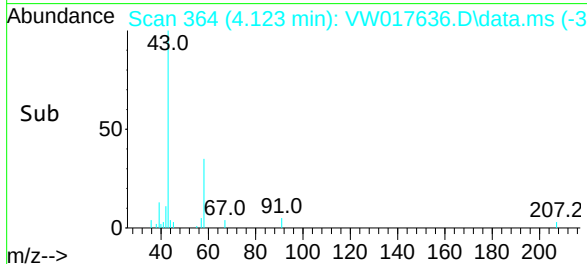
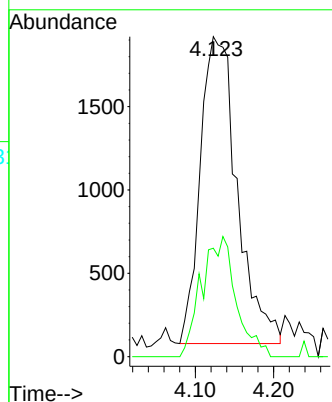


#16
Acetone
Concen: 10.64 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Instrument :
MSVOA_W
ClientSampleId :

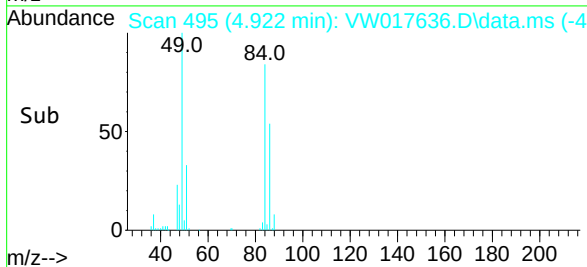
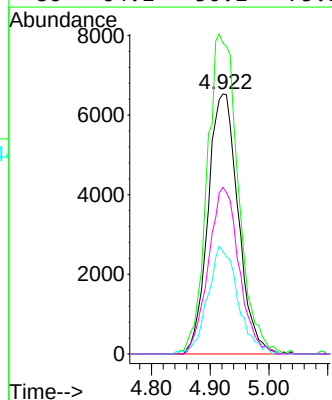
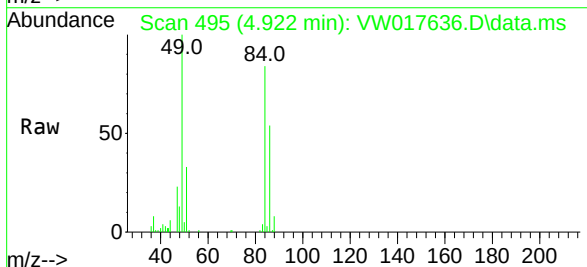


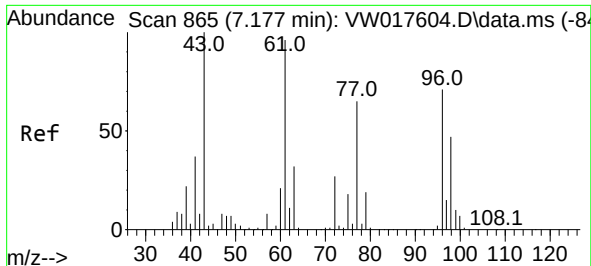
Tgt Ion: 43 Resp: 6026
Ion Ratio Lower Upper
43 100
58 35.3 25.7 38.5



#20
Methylene Chloride
Concen: 4.50 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Tgt Ion: 84 Resp: 23235
Ion Ratio Lower Upper
84 100
49 118.3 79.0 118.6
51 39.4 26.1 39.1#
86 64.1 50.1 75.1

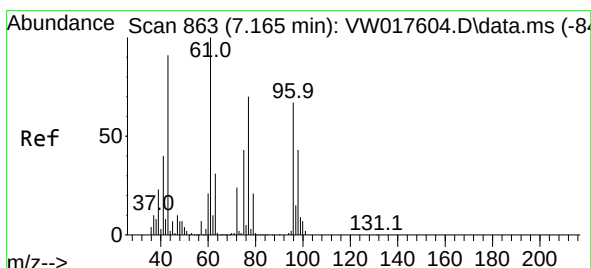
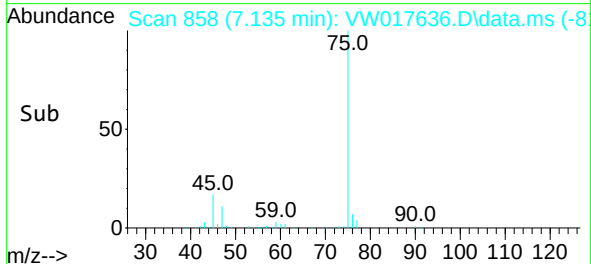
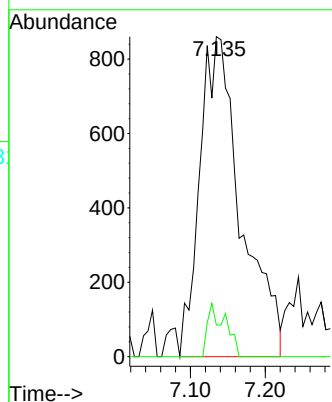
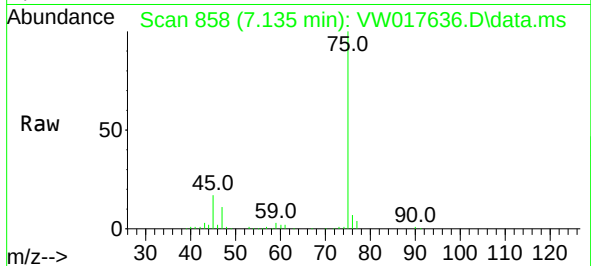




#25
2-Butanone
Concen: 4.37 ug/l
RT: 7.135 min Scan# 858
Delta R.T. -0.042 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

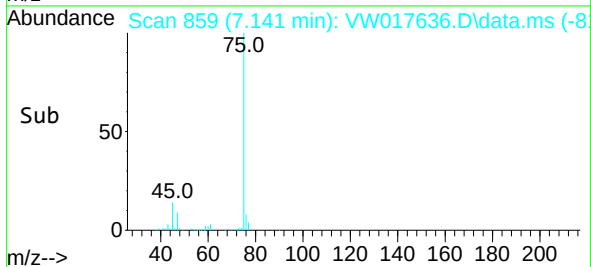
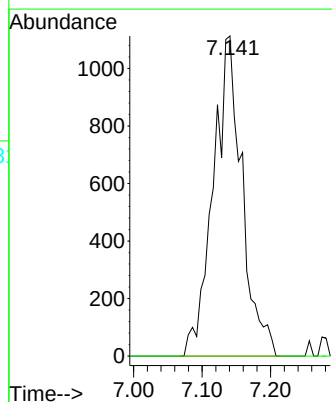
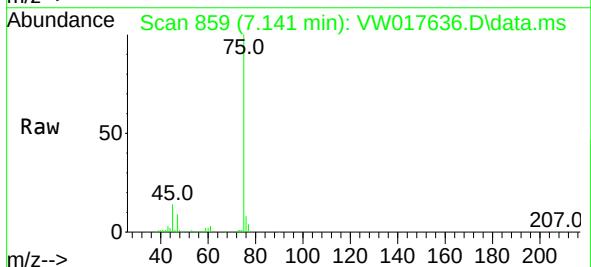
Instrument :
MSVOA_W
ClientSampled :

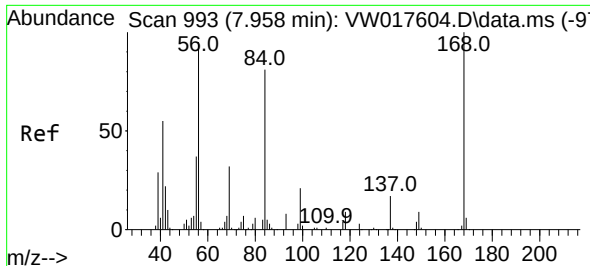
Tgt Ion: 43 Resp: 3296
Ion Ratio Lower Upper
43 100
72 9.9 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.141 min Scan# 859
Delta R.T. -0.024 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Tgt Ion: 77 Resp: 3253
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

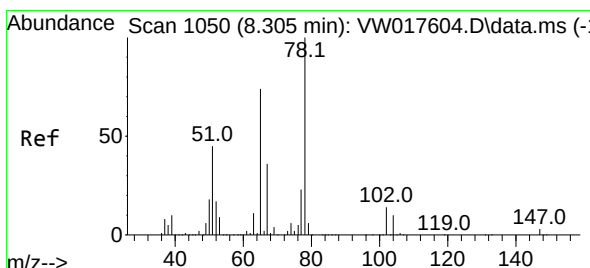
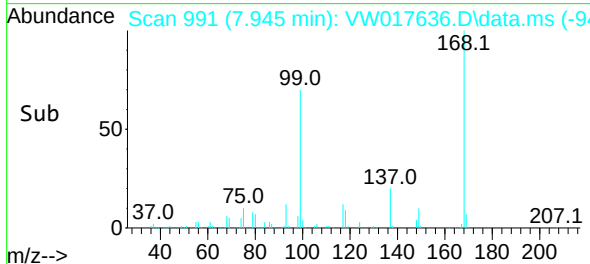
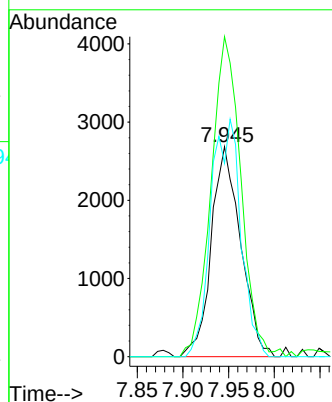
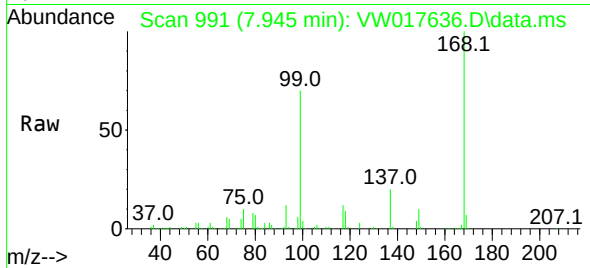




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

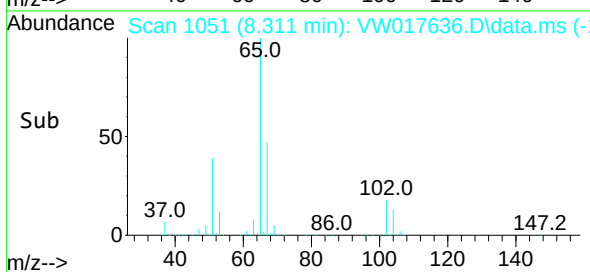
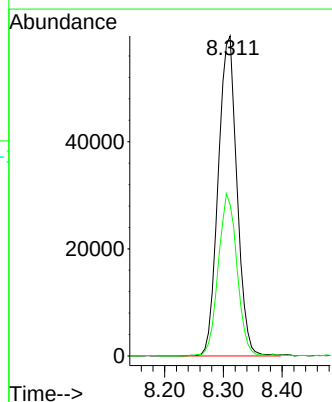
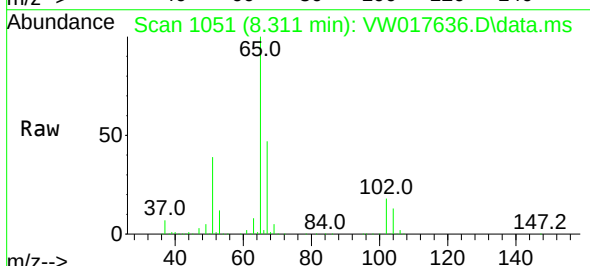
Instrument :
MSVOA_W
ClientSampleId :

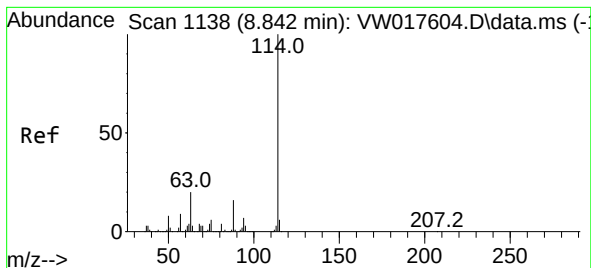
Tgt Ion: 56 Resp: 6006
Ion Ratio Lower Upper
56 100
69 152.5 29.3 43.9#
84 92.2 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 50.81 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Tgt Ion: 65 Resp: 132269
Ion Ratio Lower Upper
65 100
67 50.7 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: VW017636.D

Acq: 15 Dec 2020 16:09

Tgt Ion:114 Resp: 376068

Ion Ratio Lower Upper

114 100

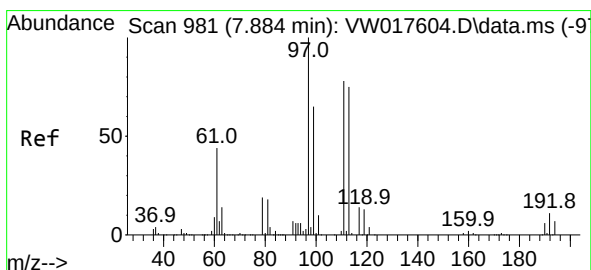
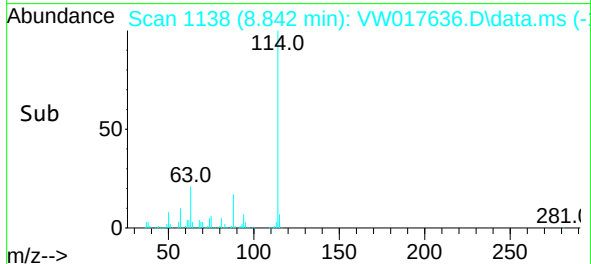
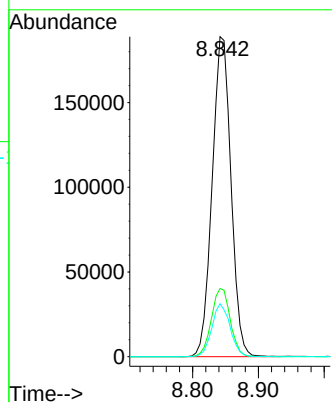
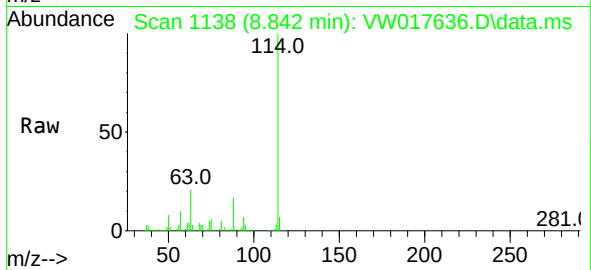
63 21.3 0.0 35.6

88 16.6 0.0 30.4

Instrument :

MSVOA_W

ClientSampleId :



#35

Dibromofluoromethane

Concen: 27.95 ug/l

RT: 7.884 min Scan# 981

Delta R.T. 0.000 min

Lab File: VW017636.D

Acq: 15 Dec 2020 16:09

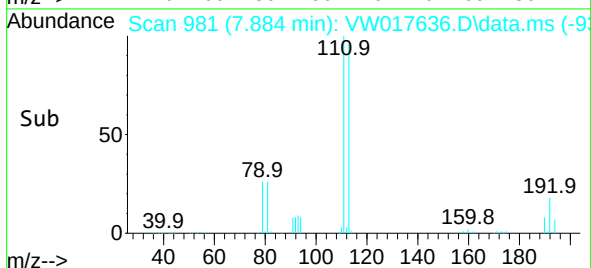
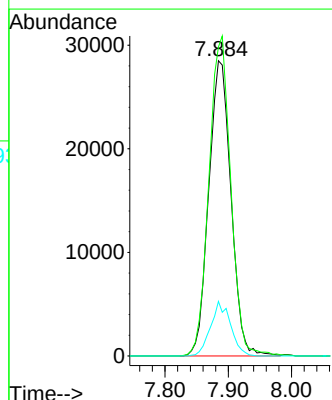
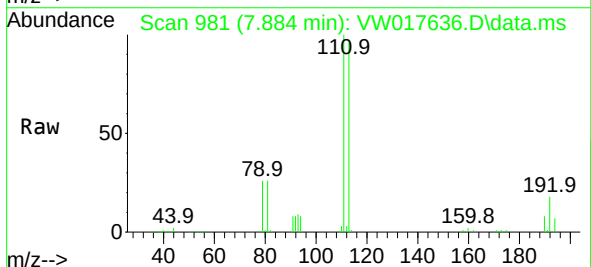
Tgt Ion:113 Resp: 69564

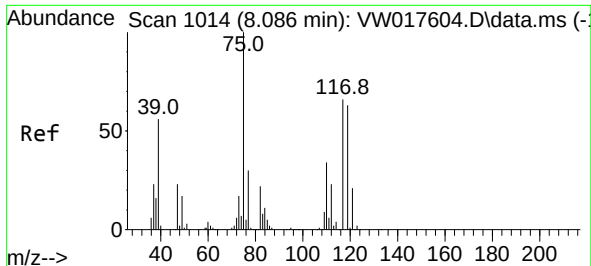
Ion Ratio Lower Upper

113 100

111 106.4 81.4 122.2

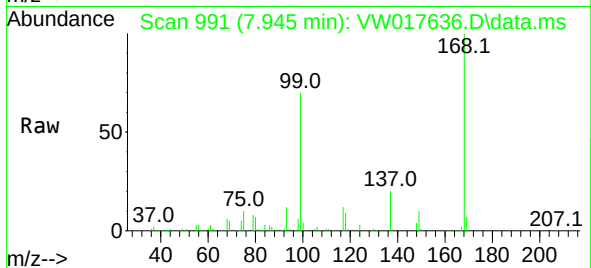
192 16.6 17.8 26.8#



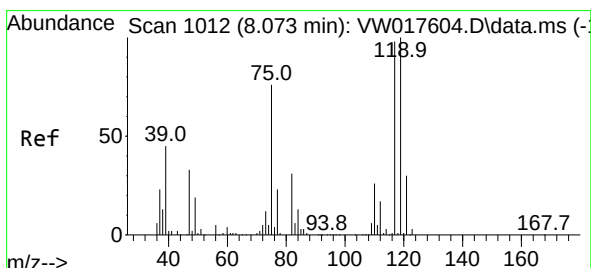
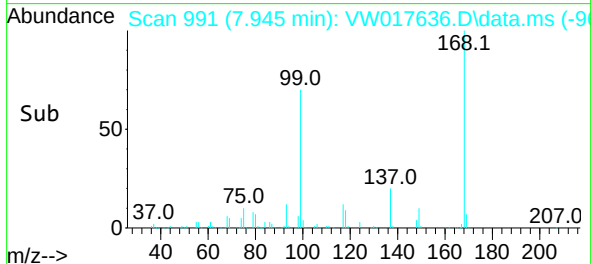
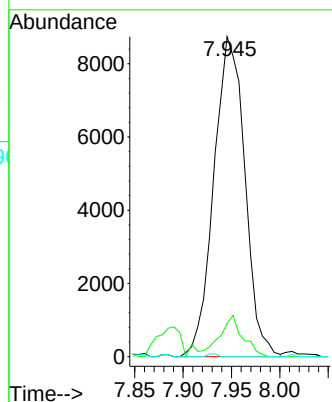


#36
 1,1-Dichloropropene
 Concen: 4.95 ug/l
 RT: 7.945 min Scan# 991
 Delta R.T. -0.141 min
 Lab File: VW017636.D
 Acq: 15 Dec 2020 16:09

Instrument :
 MSVOA_W
 ClientSampleId :

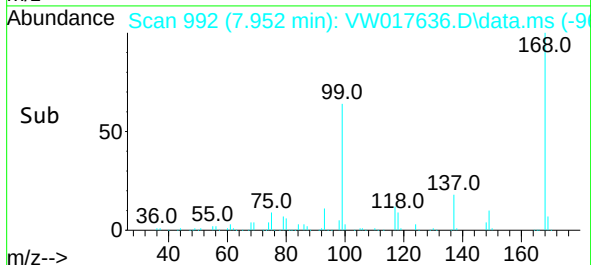
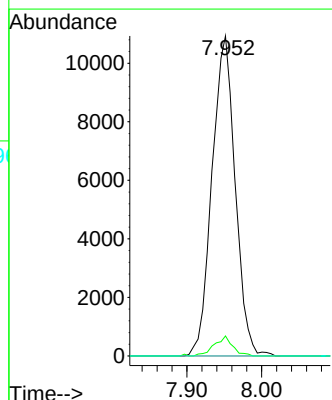
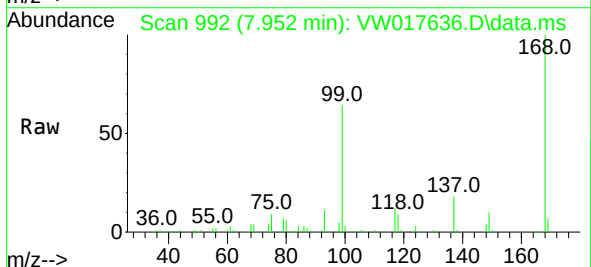


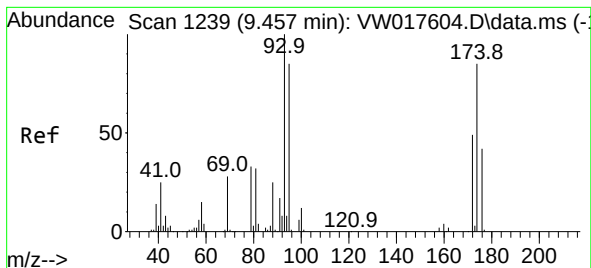
Tgt Ion: 75 Resp: 19476
 Ion Ratio Lower Upper
 75 100
 110 9.7 19.3 57.9#
 77 0.3 25.0 37.6#



#38
 Carbon Tetrachloride
 Concen: 5.95 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. -0.121 min
 Lab File: VW017636.D
 Acq: 15 Dec 2020 16:09

Tgt Ion: 117 Resp: 23546
 Ion Ratio Lower Upper
 117 100
 119 6.3 81.6 122.4#
 121 0.0 25.7 38.5#

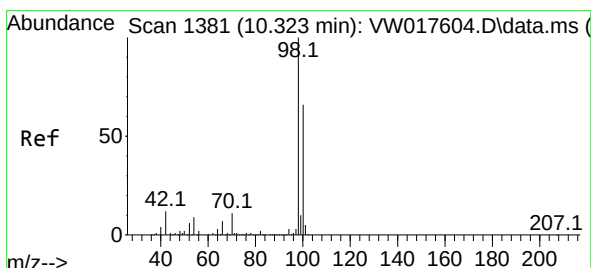
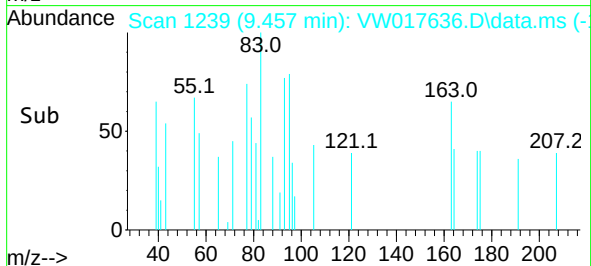
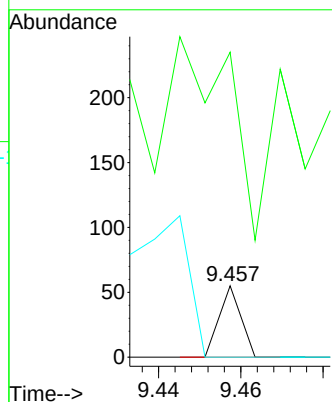
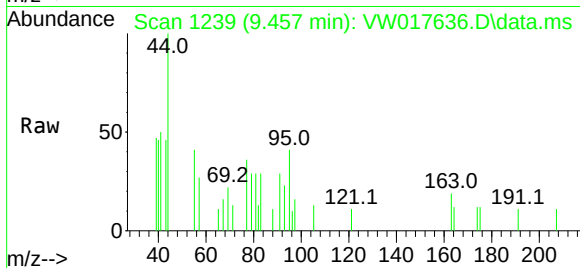




#49
1,4-Dioxane
Concen: 1.12 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

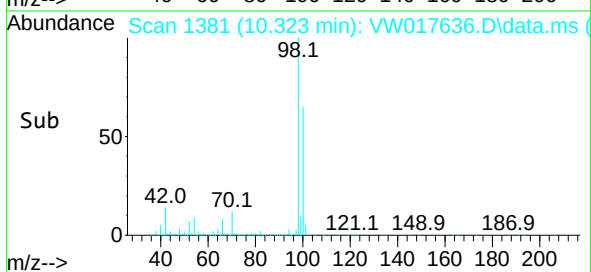
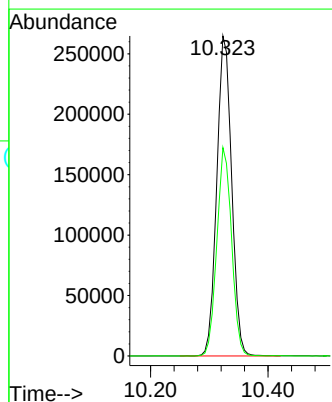
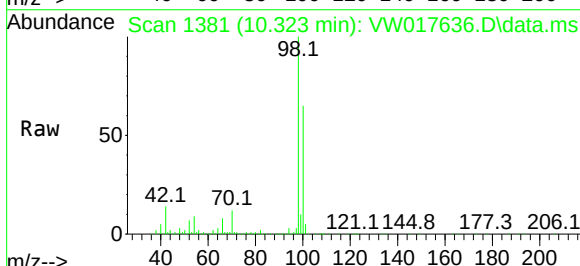
Instrument :
MSVOA_W
ClientSampled :

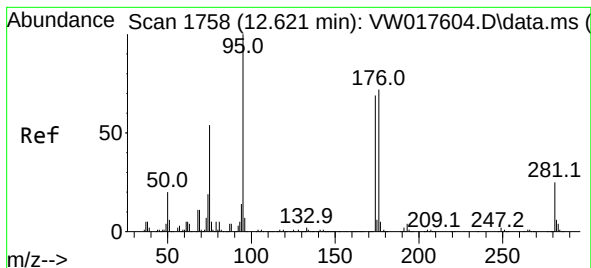
Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 590.0 0.0 0.0#
58 0.0 54.0 81.0#



#50
Toluene-d8
Concen: 47.95 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Tgt Ion: 98 Resp: 464567
Ion Ratio Lower Upper
98 100
100 64.6 53.3 79.9

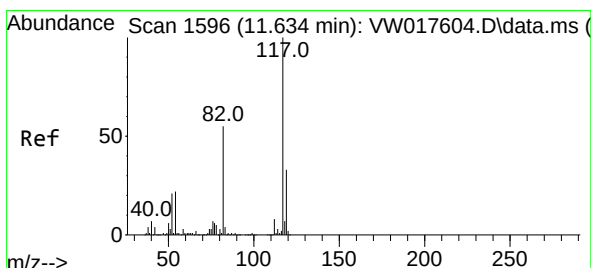
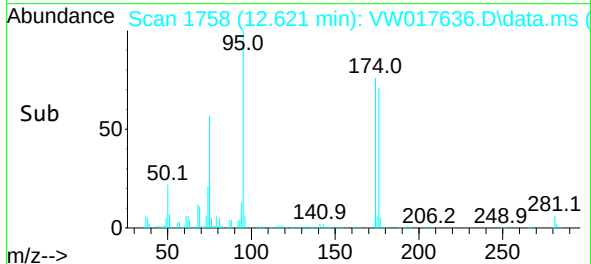
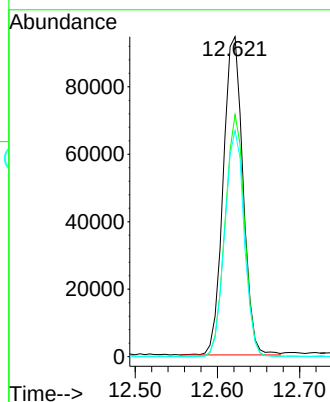
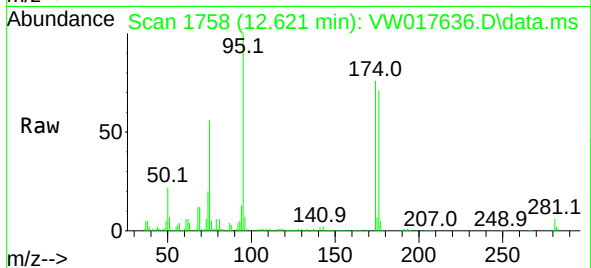




#62
4-Bromofluorobenzene
Concen: 45.66 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

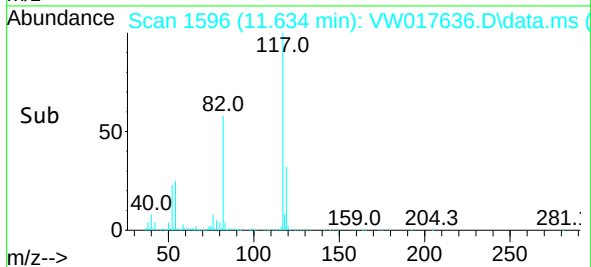
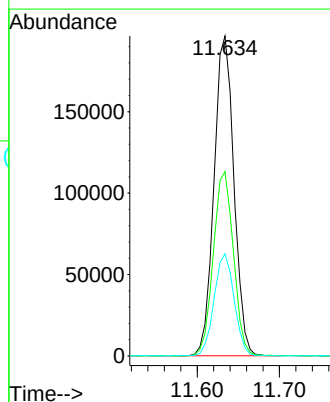
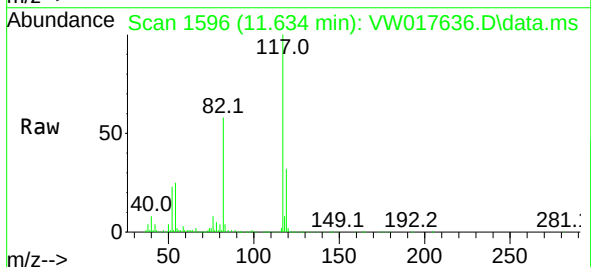
Instrument :
MSVOA_W
ClientSampleId :

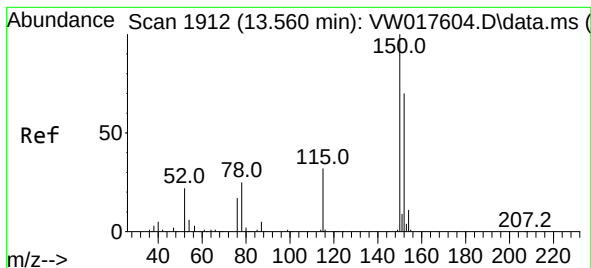
Tgt Ion: 95 Resp: 157943
Ion Ratio Lower Upper
95 100
174 74.6 0.0 180.6
176 70.2 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Tgt Ion: 117 Resp: 330659
Ion Ratio Lower Upper
117 100
82 57.6 40.7 61.1
119 31.9 25.0 37.4

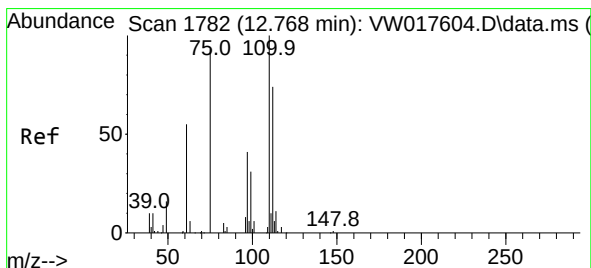
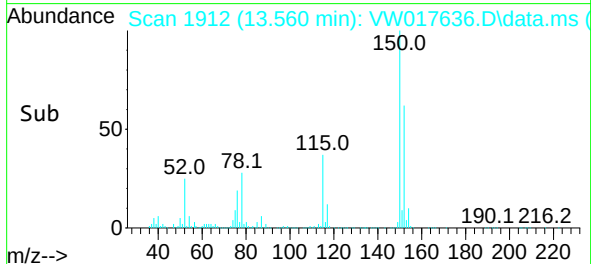
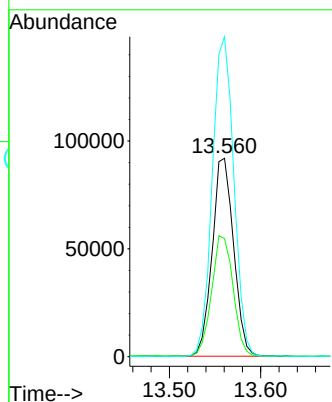
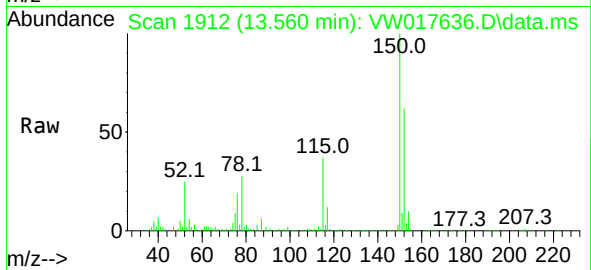




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

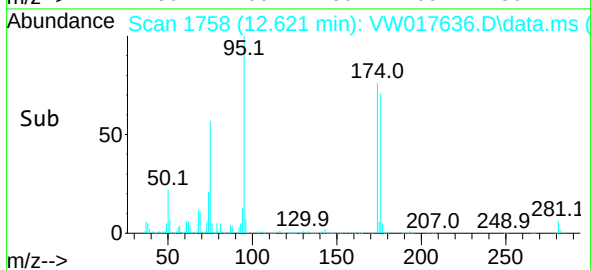
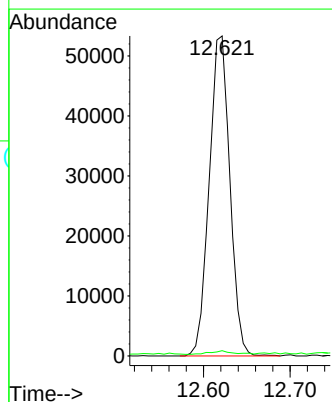
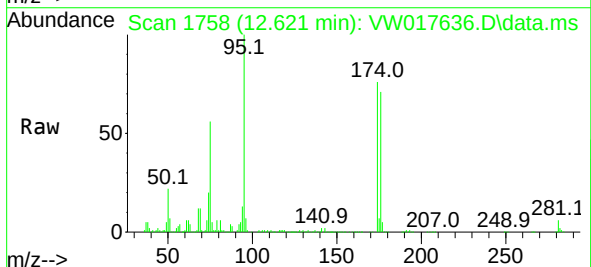
Instrument :
MSVOA_W
ClientSampleId :

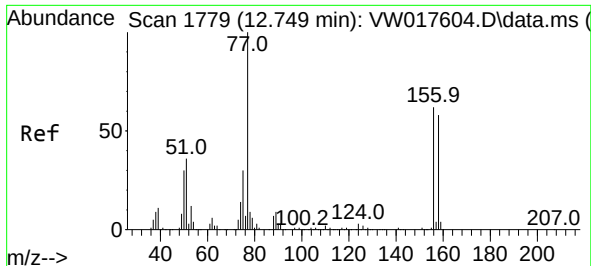
Tgt Ion:152 Resp: 149580
Ion Ratio Lower Upper
152 100
115 61.0 27.9 83.7
150 162.6 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 61.32 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Tgt Ion: 75 Resp: 88289
Ion Ratio Lower Upper
75 100
77 1.2 178.8 536.3#

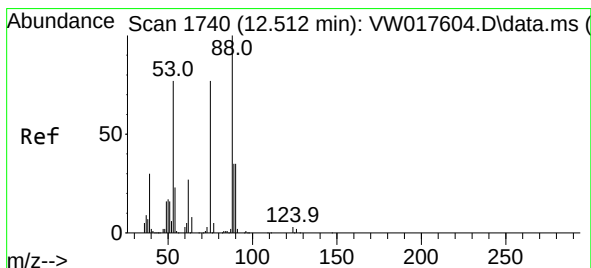
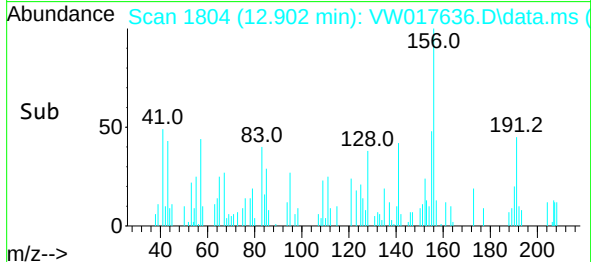
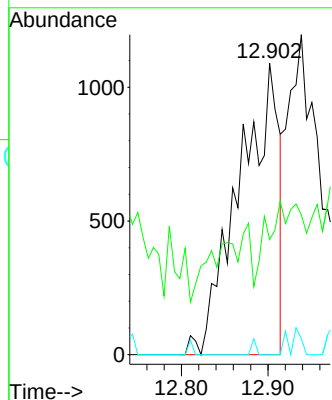
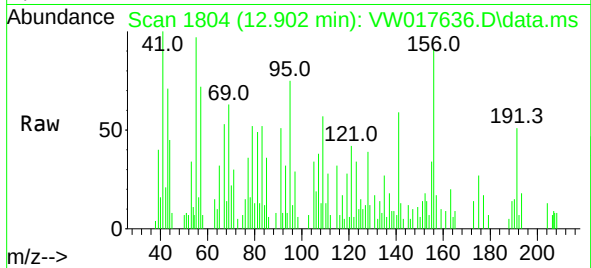




#77
Bromobenzene
Concen: 1.37 ug/l
RT: 12.902 min Scan# 1804
Delta R.T. 0.153 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:156 Resp: 3460
Ion Ratio Lower Upper
156 100
77 25.0 79.0 237.2#
158 0.0 47.0 141.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 124.23 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017636.D
Acq: 15 Dec 2020 16:09

Tgt Ion: 75 Resp: 88289
Ion Ratio Lower Upper
75 100
53 0.5 77.0 115.4#
89 0.0 38.7 58.1#

