

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121520\
 Data File : VW017640.D
 Acq On : 15 Dec 2020 17:50
 Operator : SY/VA
 Sample : L5092-01
 Misc : 7.21G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 16 02:41:07 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)

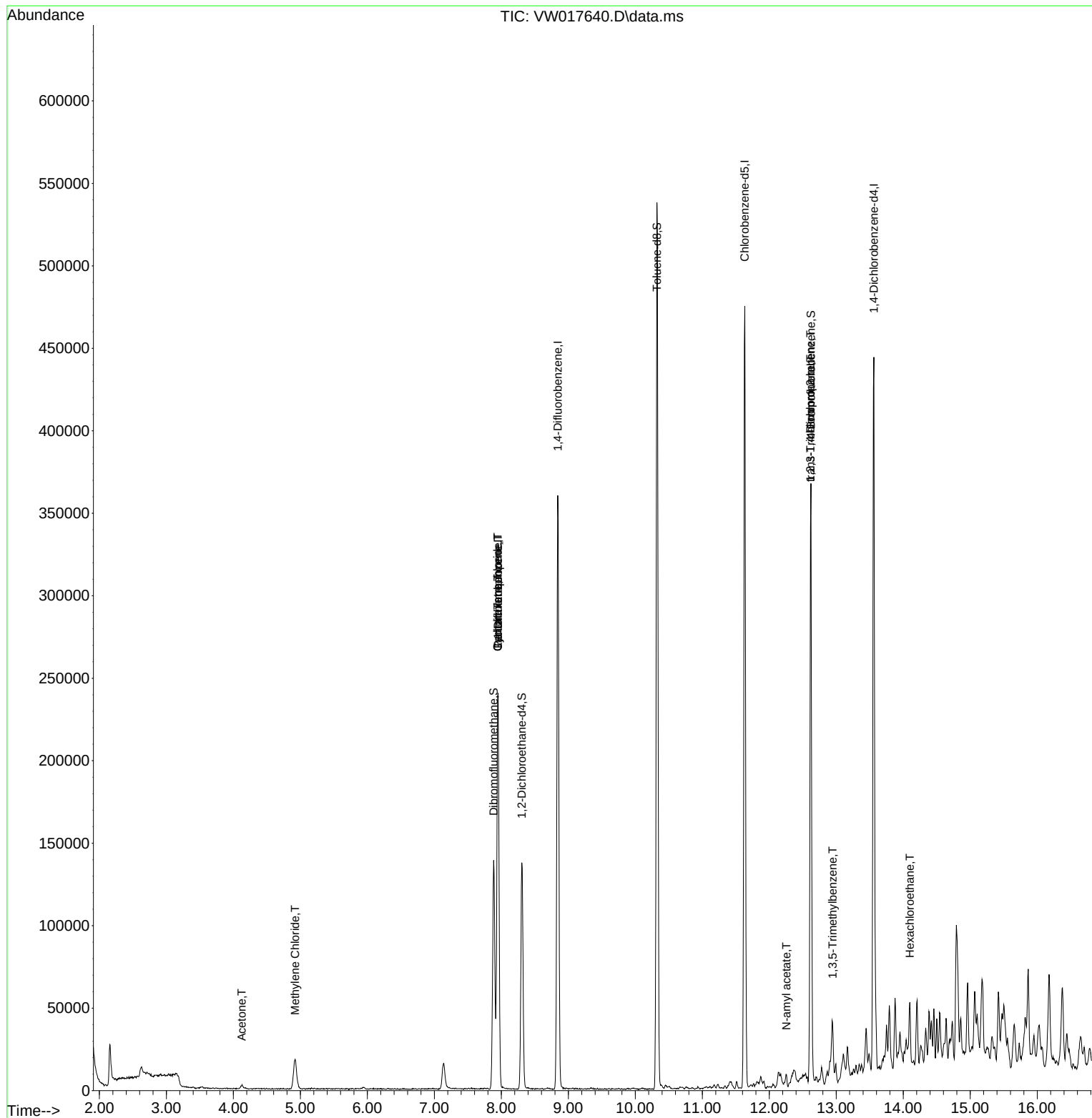
Internal Standards						
1) Pentafluorobenzene	7.952	168	172061	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	297015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	253383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	102699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	110944	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.885	113	94909	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
50) Toluene-d8	10.323	98	354524	46.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.66%	
62) 4-Bromofluorobenzene	12.621	95	116576	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.172	59	386	Below Cal		98
16) Acetone	4.123	43	3780	8.29 ug/l	#	84
20) Methylene Chloride	4.922	84	14115	1.83 ug/l		90
26) 2,2-Dichloropropane	7.129	77	1138	Below Cal	#	50
31) Cyclohexane	7.945	56	4822	1.33 ug/l	#	39
36) 1,1-Dichloropropene	7.952	75	15780	5.07 ug/l	#	48
38) Carbon Tetrachloride	7.945	117	18168	5.81 ug/l	#	13
74) N-amyl acetate	12.256	43	1861	1.09 ug/l	#	51
76) 1,2,3-Trichloropropane	12.615	75	64616	65.36 ug/l	#	1
80) 1,3,5-Trimethylbenzene	12.945	105	8694	1.26 ug/l		96
81) trans-1,4-Dichloro-2-b...	12.615	75	64616	132.43 ug/l	#	11
90) Hexachloroethane	14.097	117	1779	1.22 ug/l	#	7

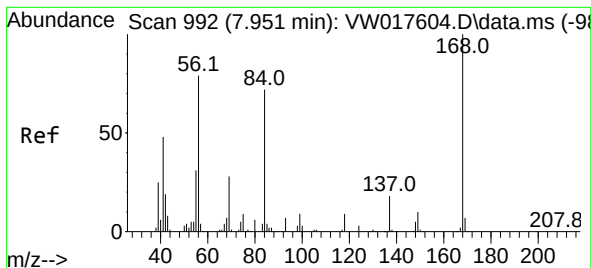
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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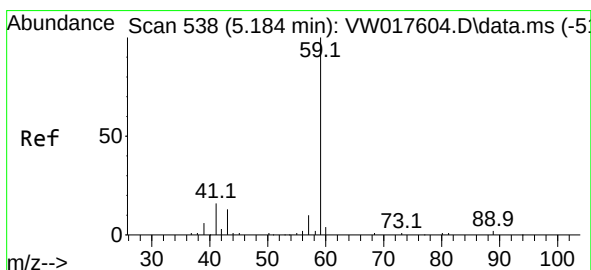
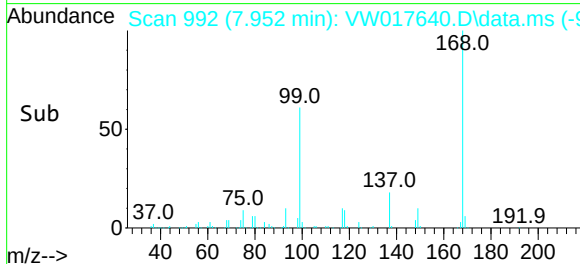
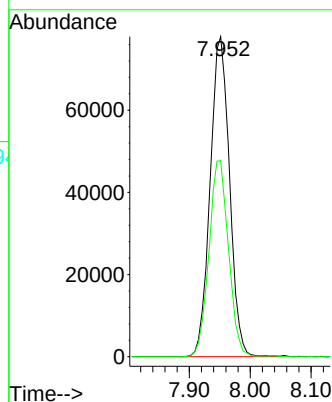
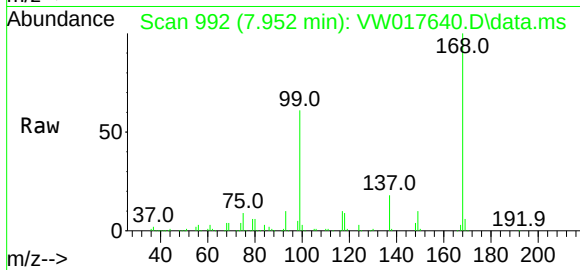




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

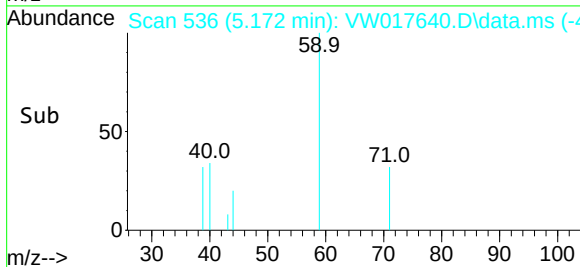
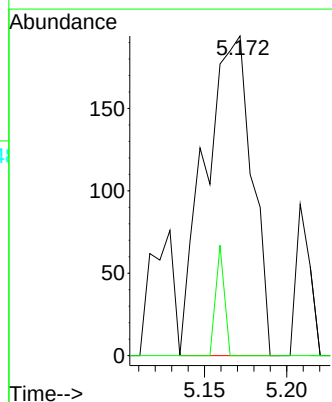
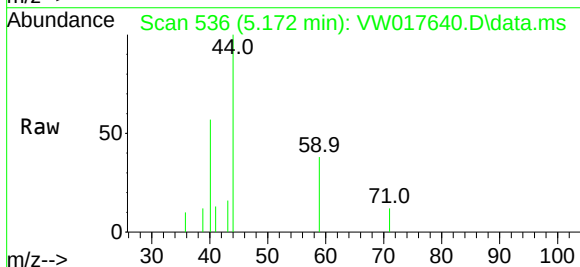
Instrument :
MSVOA_W
ClientSampleId :

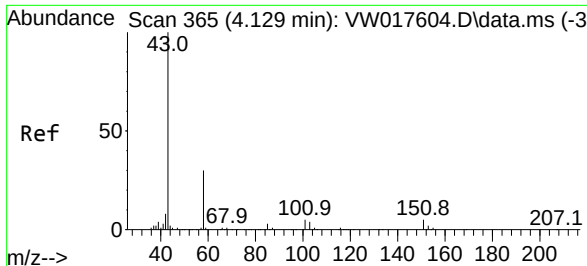
Tgt Ion:168 Resp: 172061
Ion Ratio Lower Upper
168 100
99 61.3 40.7 61.1#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.172 min Scan# 536
Delta R.T. -0.012 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion: 59 Resp: 386
Ion Ratio Lower Upper
59 100
57 6.5 4.7 7.1

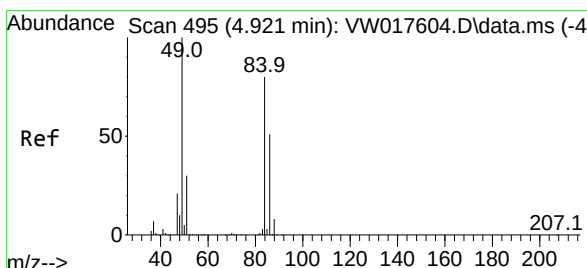
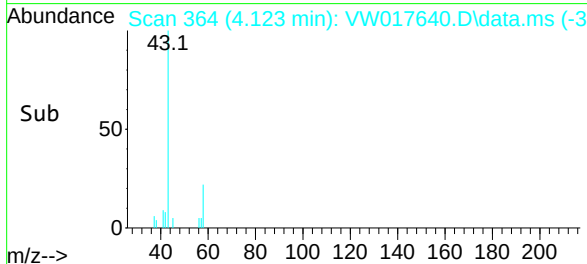
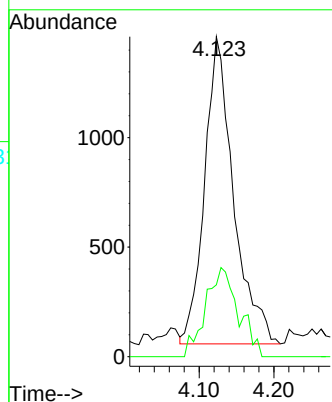
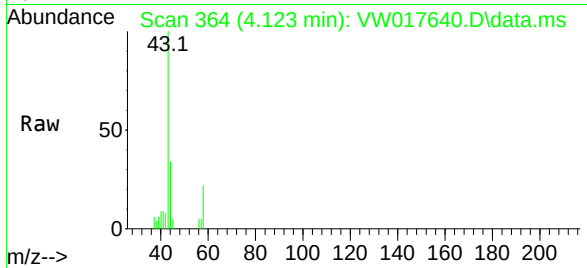




#16
Acetone
Concen: 8.29 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

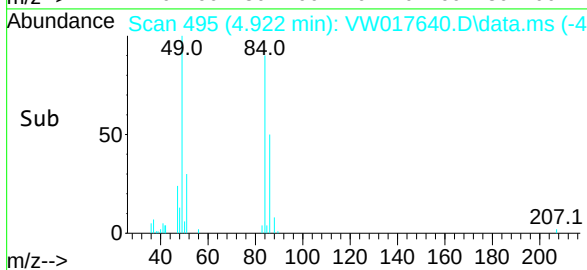
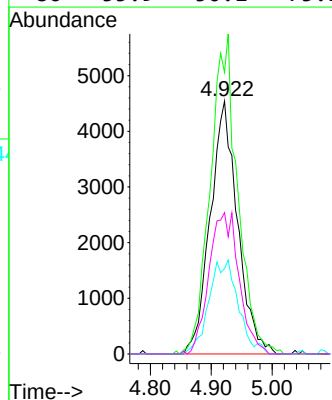
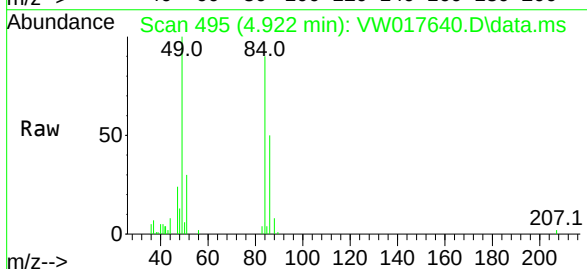
Instrument :
MSVOA_W
ClientSampleId :

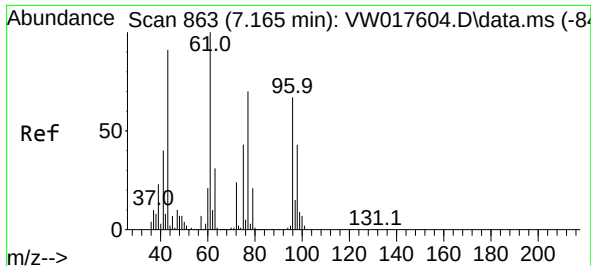
Tgt Ion: 43 Resp: 3780
Ion Ratio Lower Upper
43 100
58 23.4 25.7 38.5#



#20
Methylene Chloride
Concen: 1.83 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion: 84 Resp: 14115
Ion Ratio Lower Upper
84 100
49 111.4 79.0 118.6
51 33.8 26.1 39.1
86 55.9 50.1 75.1

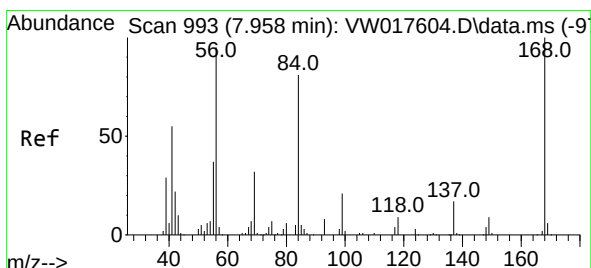
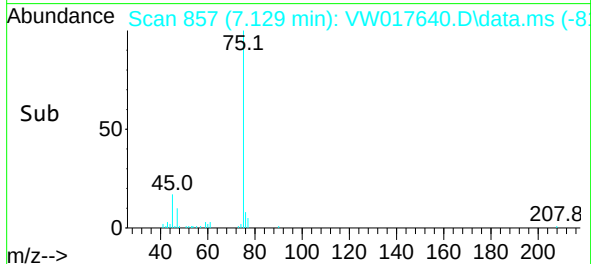
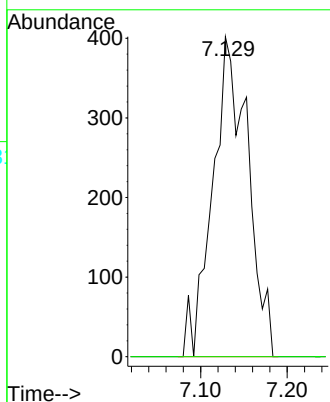
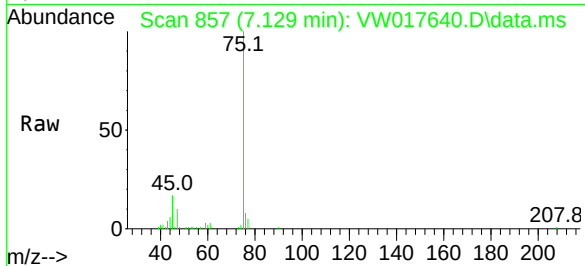




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.129 min Scan# 857
Delta R.T. -0.036 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

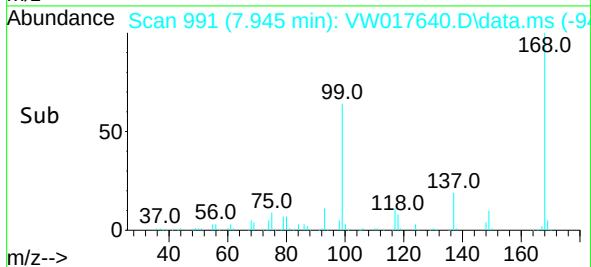
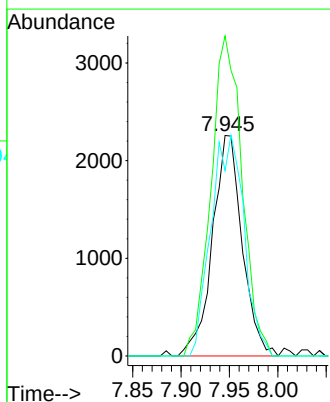
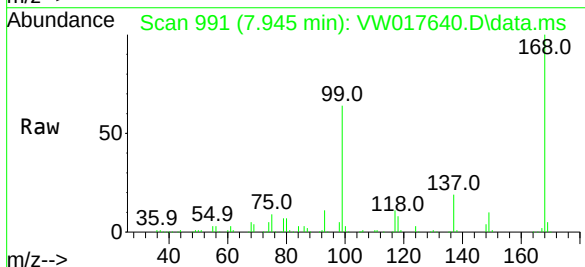
Instrument :
MSVOA_W
ClientSampled :

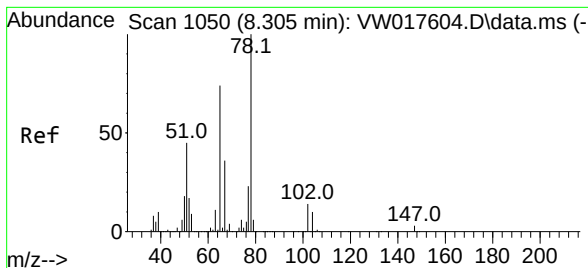
Tgt Ion: 77 Resp: 1138
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.33 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion: 56 Resp: 4822
Ion Ratio Lower Upper
56 100
69 145.1 29.3 43.9#
84 84.0 80.5 120.7

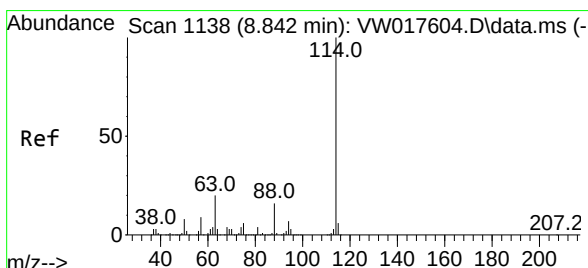
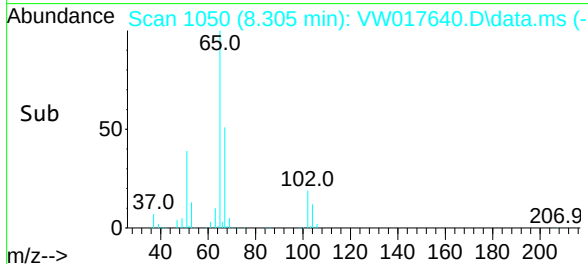
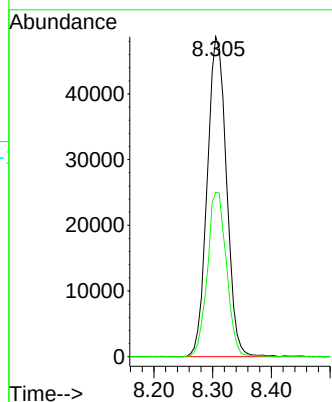
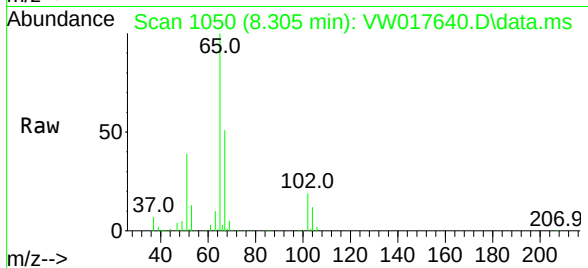




#33
 1,2-Dichloroethane-d4
 Concen: 52.93 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017640.D
 Acq: 15 Dec 2020 17:50

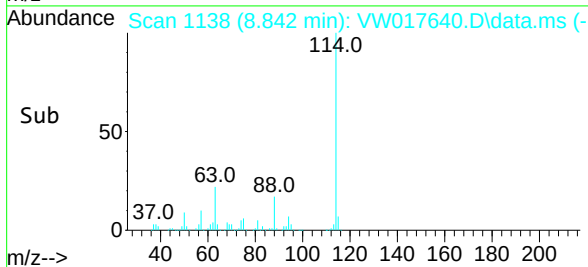
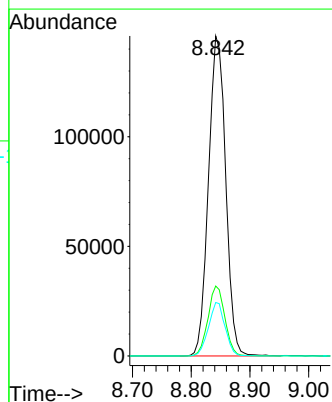
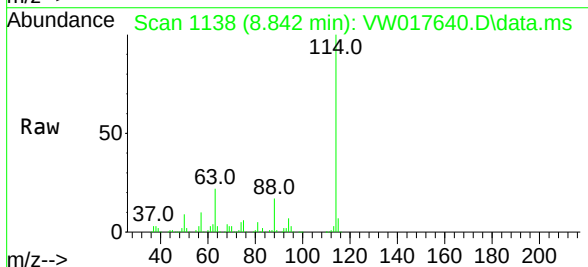
Instrument :
 MSVOA_W
 ClientSampled :

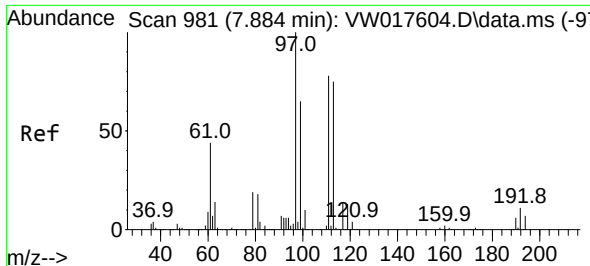
Tgt Ion: 65 Resp: 110944
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017640.D
 Acq: 15 Dec 2020 17:50

Tgt Ion: 114 Resp: 297015
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.6
 88 16.7 0.0 30.4

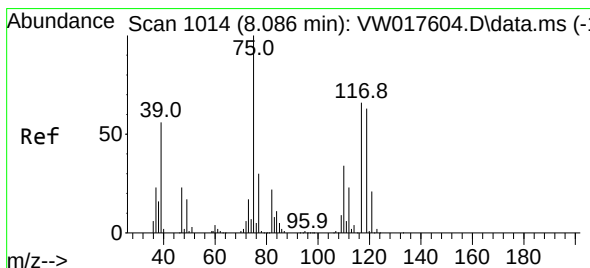
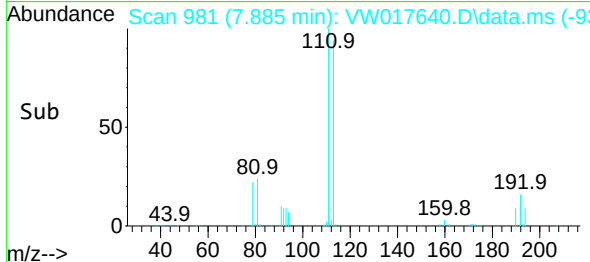
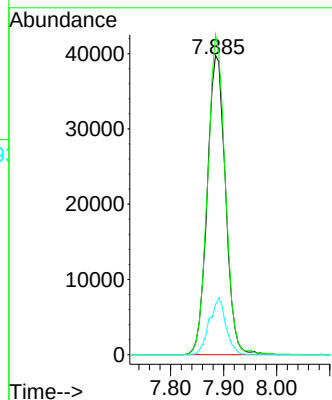
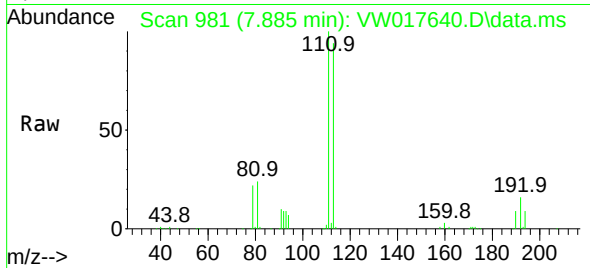




#35
Dibromofluoromethane
Concen: 48.29 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

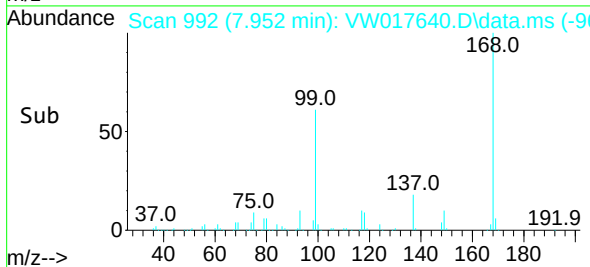
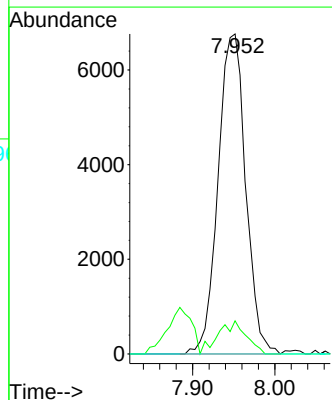
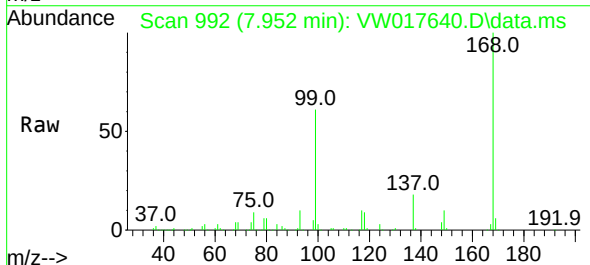
Instrument :
MSVOA_W
ClientSampleId :

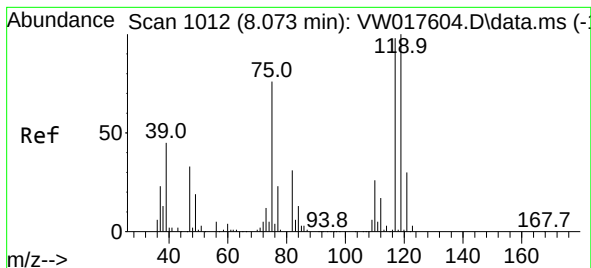
Tgt Ion:113 Resp: 94909
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 17.4 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 5.07 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.134 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion: 75 Resp: 15780
Ion Ratio Lower Upper
75 100
110 9.6 19.3 57.9#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.81 ug/l

RT: 7.945 min Scan# 991

Delta R.T. -0.128 min

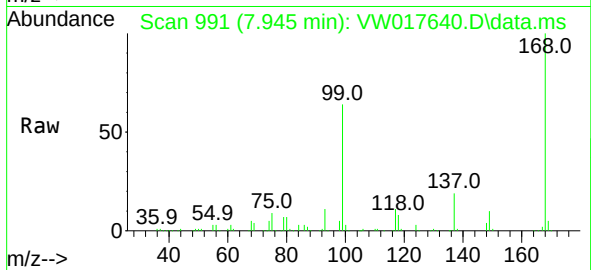
Lab File: VW017640.D

Acq: 15 Dec 2020 17:50

Instrument :

MSVOA_W

ClientSampleId :



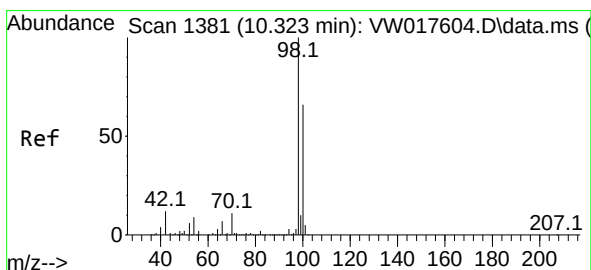
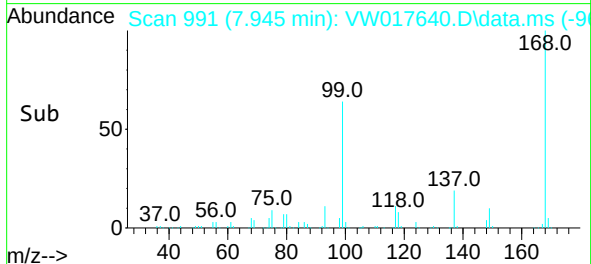
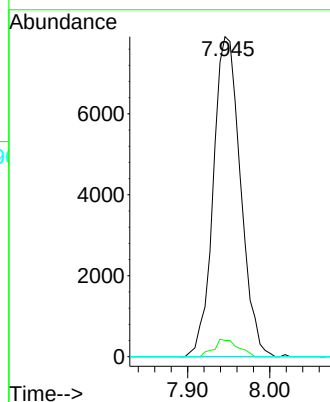
Tgt Ion:117 Resp: 18168

Ion Ratio Lower Upper

117 100

119 5.0 81.6 122.4#

121 0.0 25.7 38.5#



#50

Toluene-d8

Concen: 46.33 ug/l

RT: 10.323 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VW017640.D

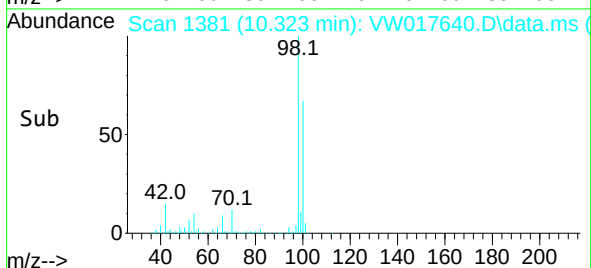
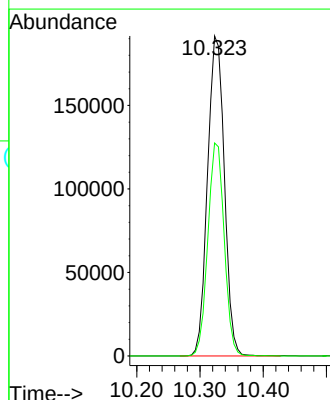
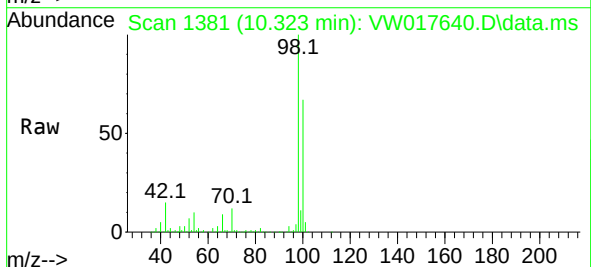
Acq: 15 Dec 2020 17:50

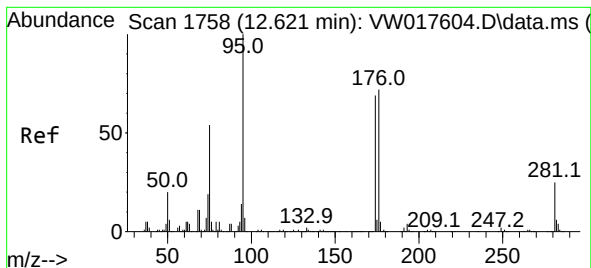
Tgt Ion: 98 Resp: 354524

Ion Ratio Lower Upper

98 100

100 64.8 53.3 79.9

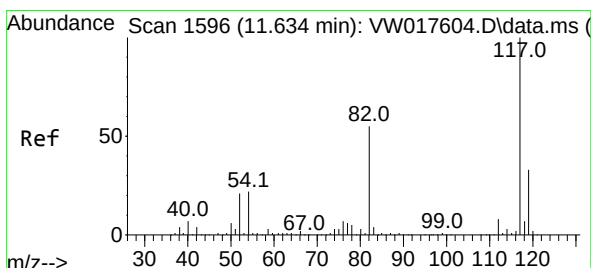
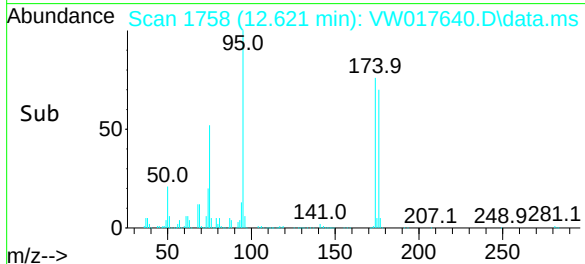
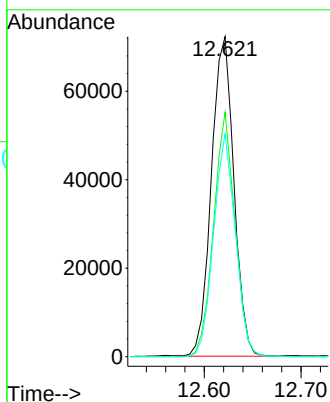
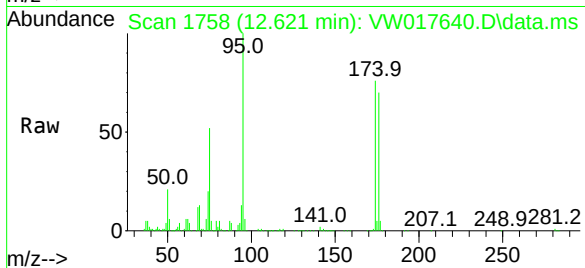




#62
4-Bromofluorobenzene
Concen: 42.67 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

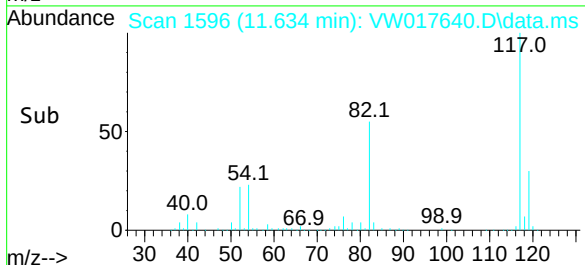
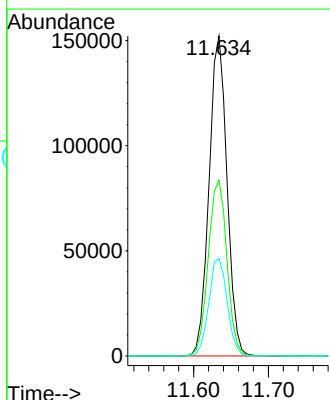
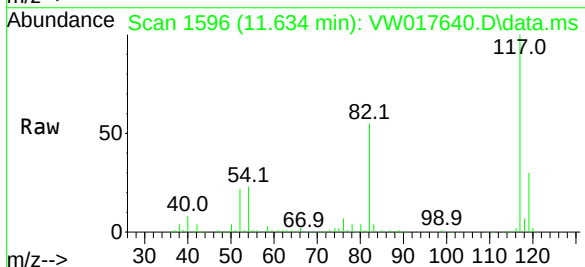
Instrument :
MSVOA_W
ClientSampleId :

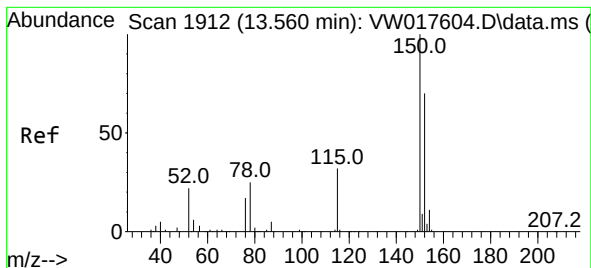
Tgt Ion: 95 Resp: 116576
Ion Ratio Lower Upper
95 100
174 72.9 0.0 180.6
176 67.7 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion: 117 Resp: 253383
Ion Ratio Lower Upper
117 100
82 54.8 40.7 61.1
119 30.5 25.0 37.4

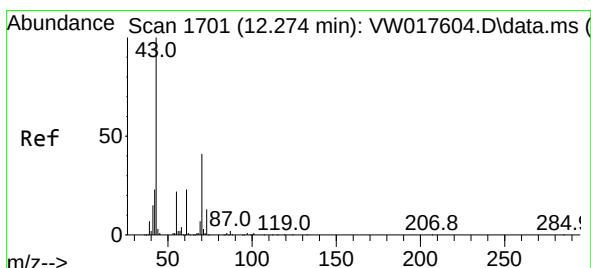
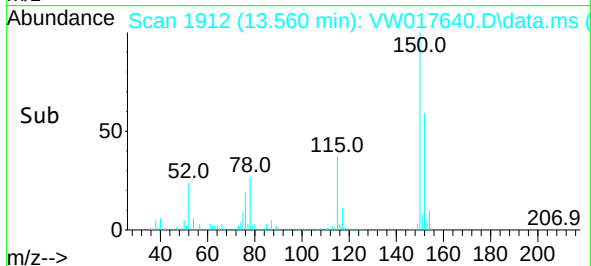
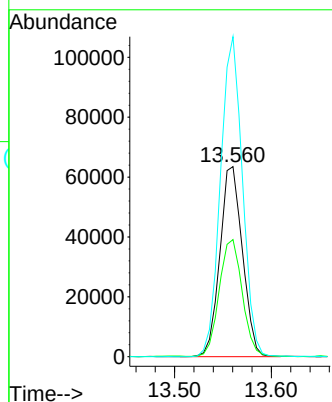
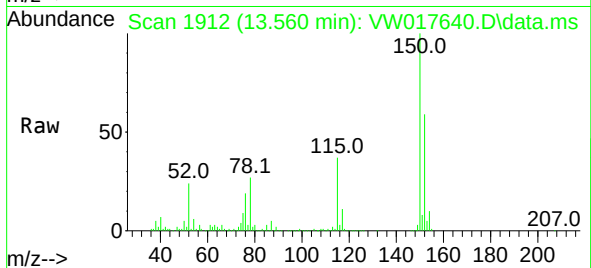




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

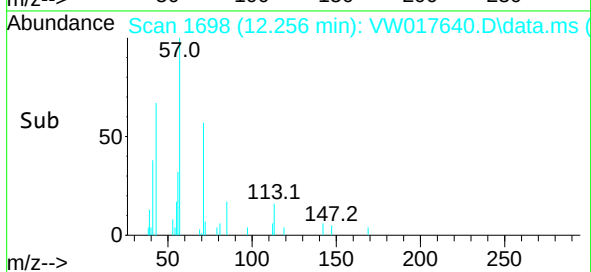
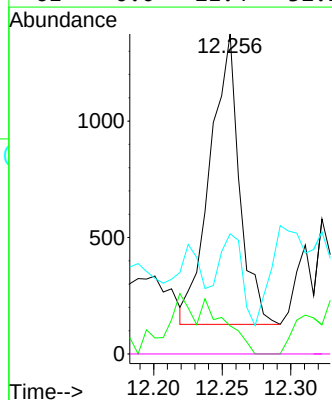
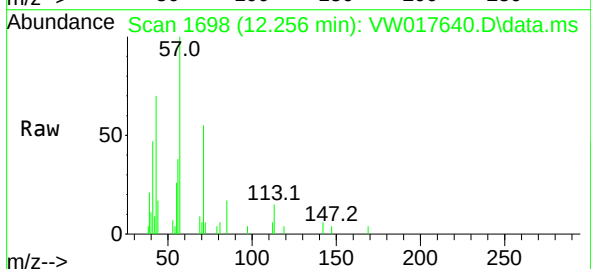
Instrument :
MSVOA_W
ClientSampleId :

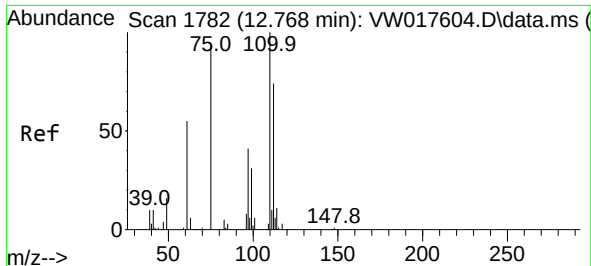
Tgt Ion:152 Resp: 102699
Ion Ratio Lower Upper
152 100
115 63.2 27.9 83.7
150 164.0 0.0 344.0



#74
N-ethyl acetate
Concen: 1.09 ug/l
RT: 12.256 min Scan# 1698
Delta R.T. -0.018 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion: 43 Resp: 1861
Ion Ratio Lower Upper
43 100
70 0.0 40.2 60.4#
55 26.1 21.4 32.0
61 0.0 21.4 32.2#

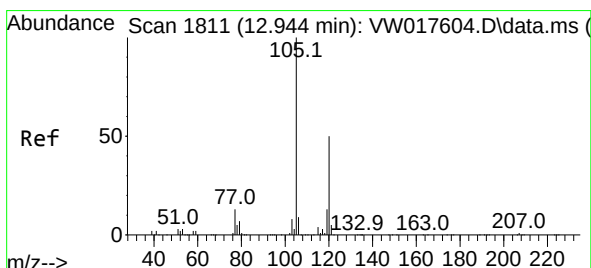
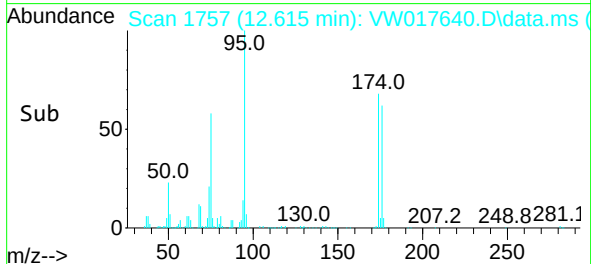
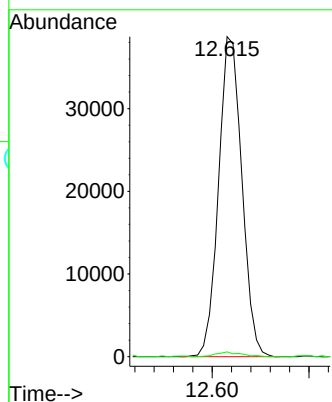
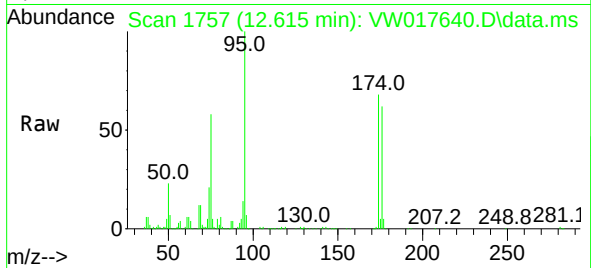




#76
1,2,3-Trichloropropane
Concen: 65.36 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

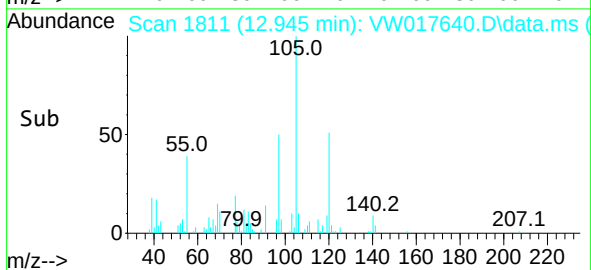
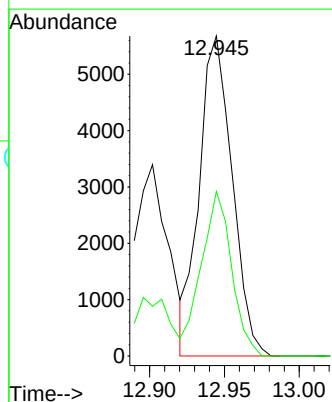
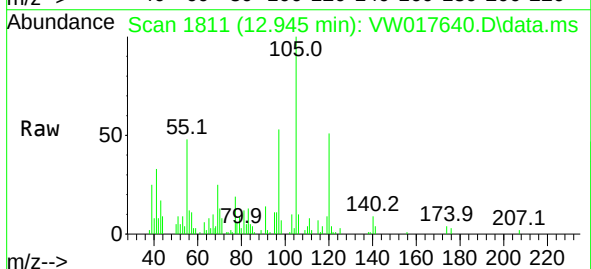
Instrument :
MSVOA_W
ClientSampleId :

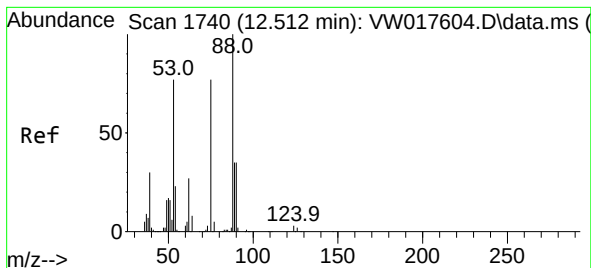
Tgt Ion: 75 Resp: 64616
Ion Ratio Lower Upper
75 100
77 1.6 178.8 536.3#



#80
1,3,5-Trimethylbenzene
Concen: 1.26 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion:105 Resp: 8694
Ion Ratio Lower Upper
105 100
120 47.3 24.9 74.8

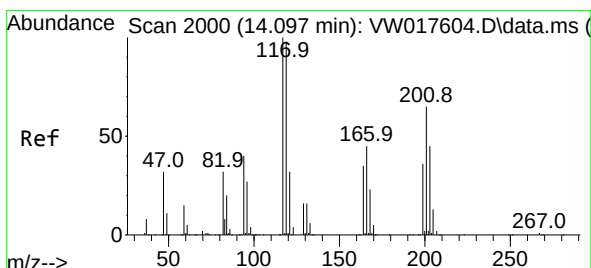
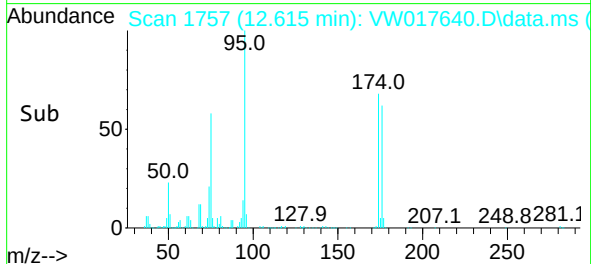
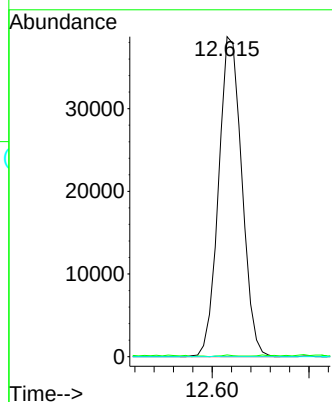
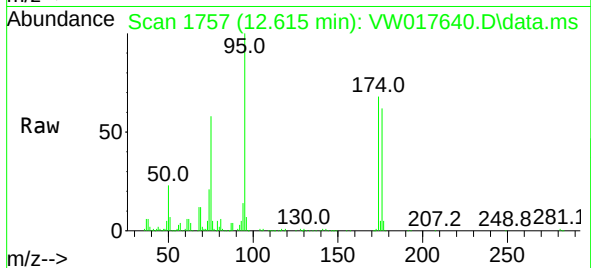




#81
trans-1,4-Dichloro-2-butene
Concen: 132.43 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 64616
Ion Ratio Lower Upper
75 100
53 0.4 77.0 115.4#
89 0.0 38.7 58.1#



#90
Hexachloroethane
Concen: 1.22 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VW017640.D
Acq: 15 Dec 2020 17:50

Tgt Ion: 117 Resp: 1779
Ion Ratio Lower Upper
117 100
201 0.0 41.9 125.7#

