

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017711.D
 Acq On : 23 Dec 2020 14:49
 Operator : SY/VA
 Sample : L5186-01
 Misc : 7.30G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-138KV-YARD

Quant Time: Dec 24 01:36:46 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)

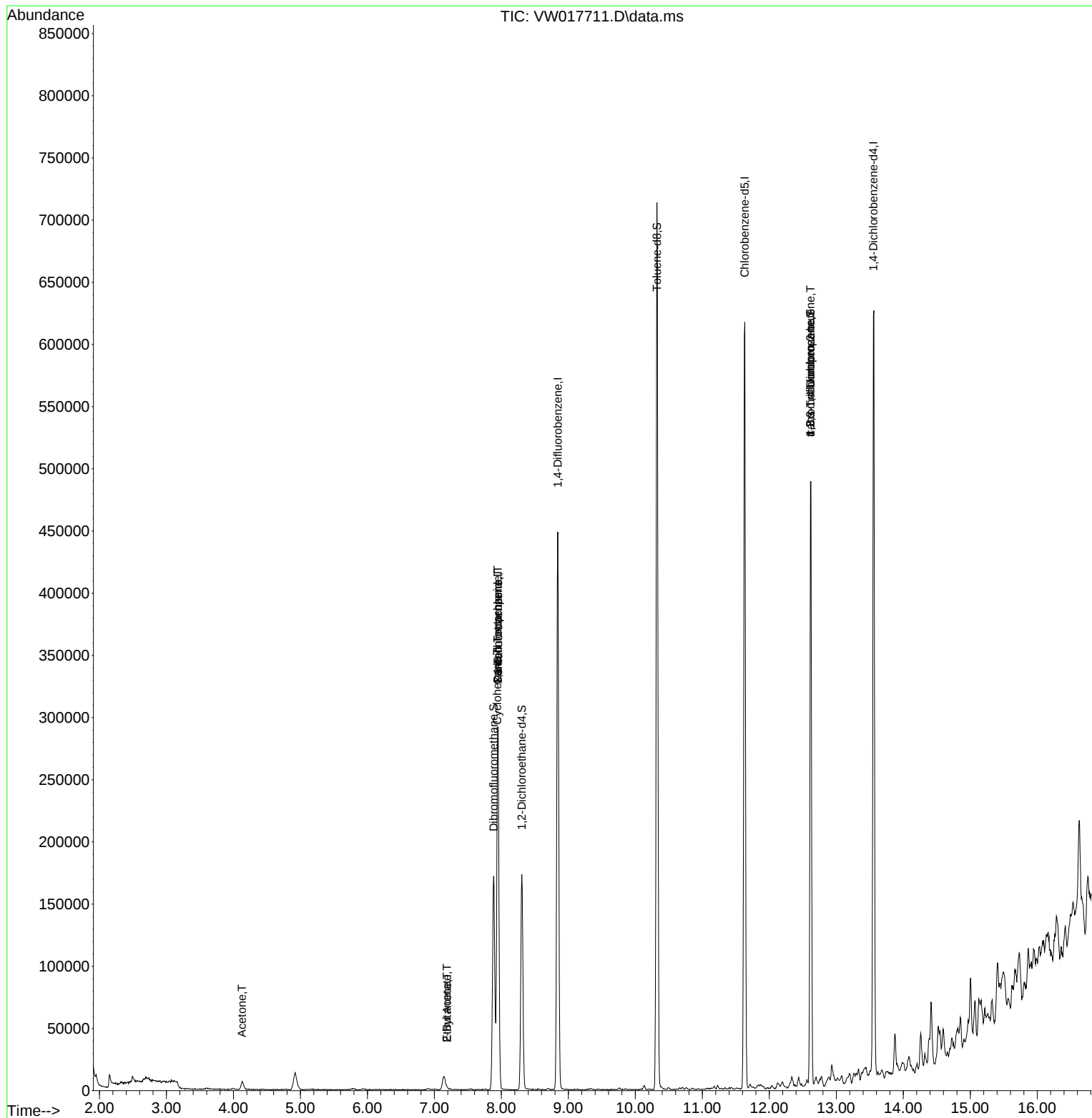
Internal Standards						
1) Pentafluorobenzene	7.951	168	208238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	366374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	332235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	150594	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	137917	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	7.884	113	118854	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
50) Toluene-d8	10.323	98	457353	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.615	95	156304	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						Qvalue
11) Tert butyl alcohol	5.190	59	69	Below Cal	#	31
16) Acetone	4.129	43	11737	21.27	ug/l	98
20) Methylene Chloride	4.915	84	10857	Below Cal		89
25) 2-Butanone	7.189	43	3168	4.31	ug/l	90
26) 2,2-Dichloropropane	7.147	77	425	Below Cal	#	50
31) Cyclohexane	7.939	56	5708	1.30	ug/l	44
36) 1,1-Dichloropropene	7.945	75	19241	5.02	ug/l	48
37) Ethyl Acetate	7.189	43	3168	1.98	ug/l	66
38) Carbon Tetrachloride	7.945	117	22348	5.80	ug/l	14
76) 1,2,3-Trichloropropane	12.615	75	88413	60.99	ug/l	1
81) trans-1,4-Dichloro-2-b...	12.615	75	88413	123.57	ug/l	11

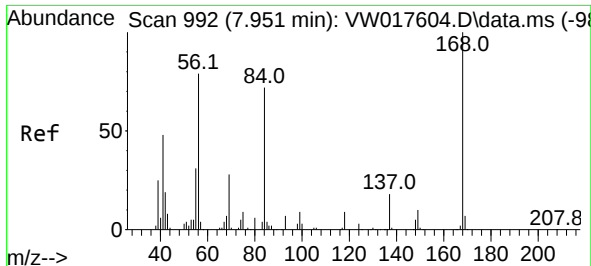
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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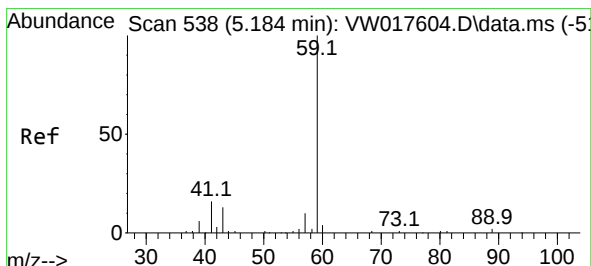
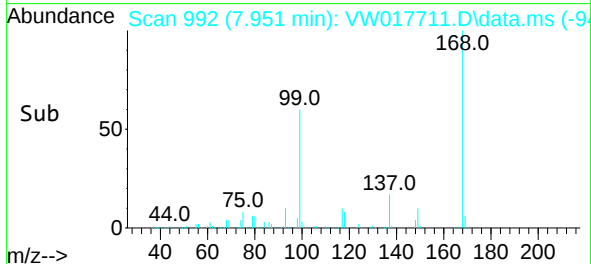
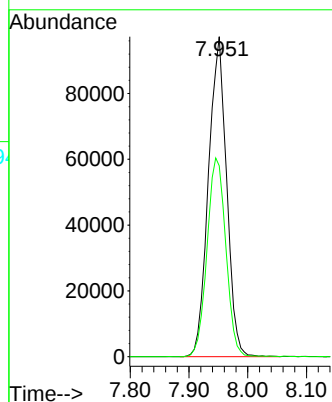
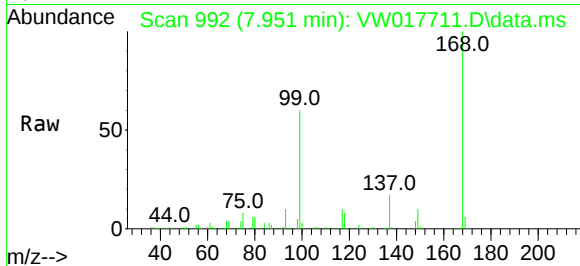




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

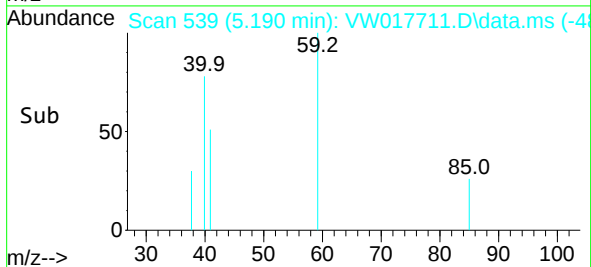
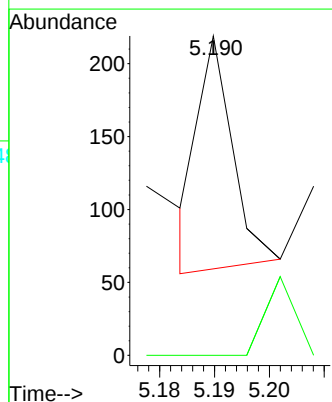
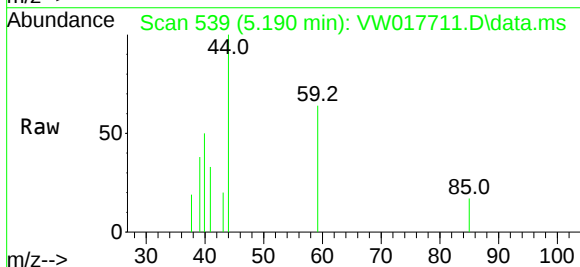
Instrument :
MSVOA_W
ClientSampleId :
SP-138KV-YARD

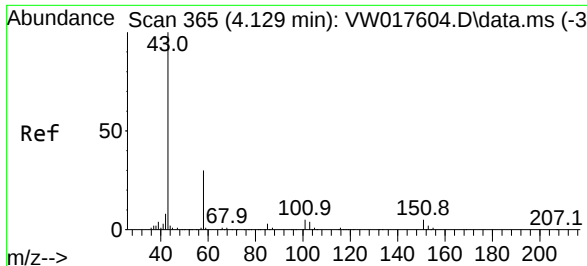
Tgt Ion:168 Resp: 208238
Ion Ratio Lower Upper
168 100
99 59.7 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Tgt Ion: 59 Resp: 69
Ion Ratio Lower Upper
59 100
57 29.0 4.7 7.1#

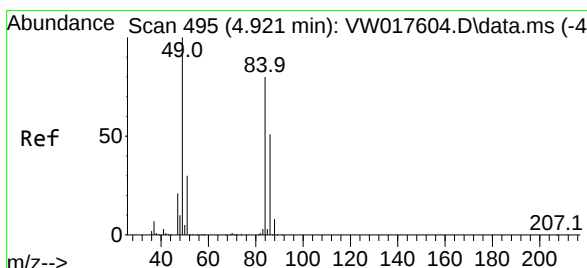
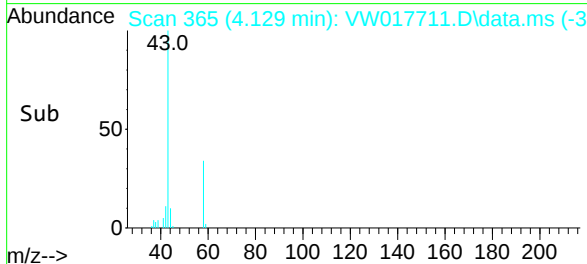
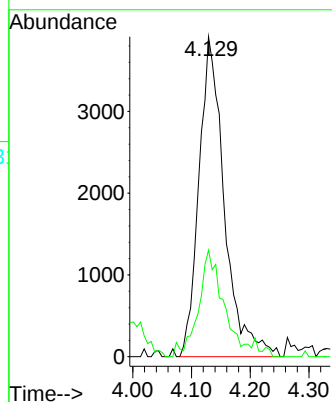
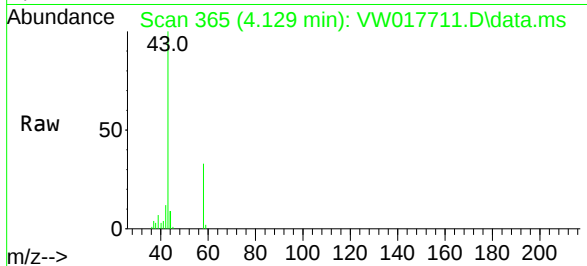




#16
Acetone
Concen: 21.27 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

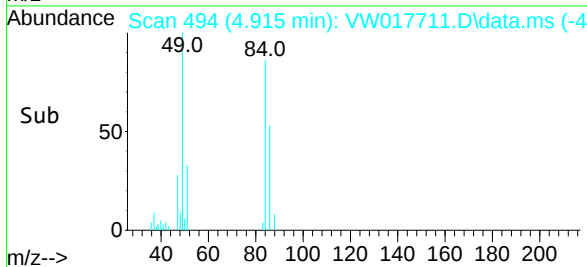
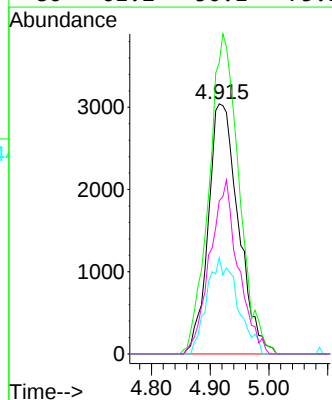
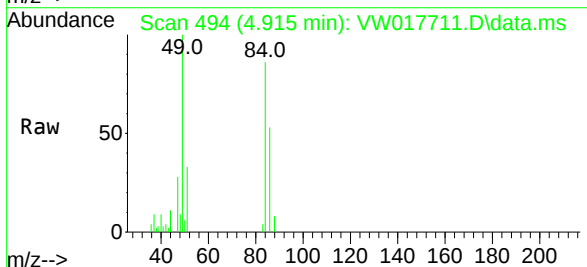
Instrument :
MSVOA_W
ClientSampleId :
SP-138KV-YARD

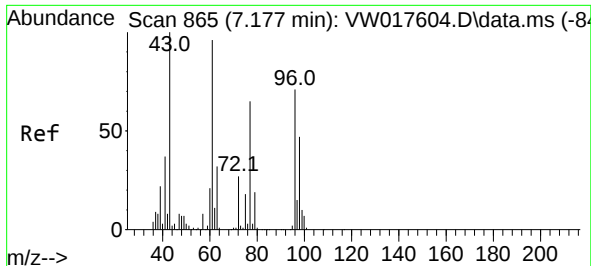
Tgt Ion: 43 Resp: 11737
Ion Ratio Lower Upper
43 100
58 33.3 25.7 38.5



#20
Methylene Chloride
Concen: Below Cal
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Tgt Ion: 84 Resp: 10857
Ion Ratio Lower Upper
84 100
49 116.6 79.0 118.6
51 38.4 26.1 39.1
86 61.2 50.1 75.1

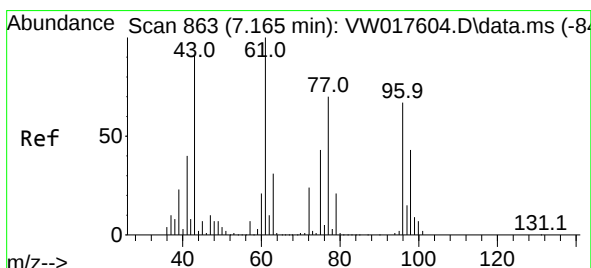
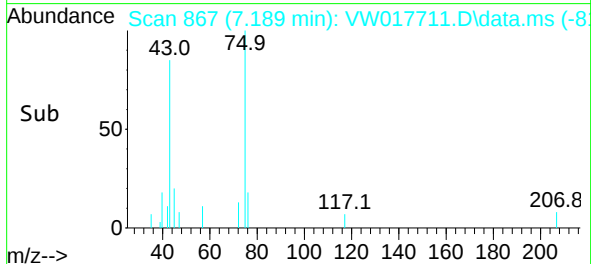
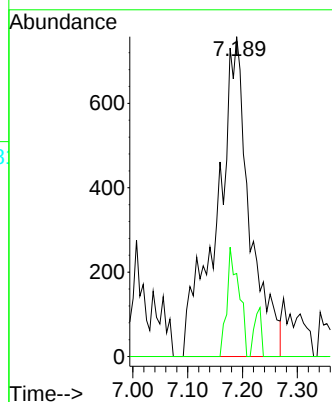
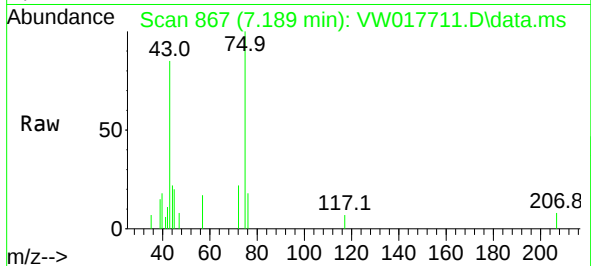




#25
2-Butanone
Concen: 4.31 ug/l
RT: 7.189 min Scan# 867
Delta R.T. 0.012 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

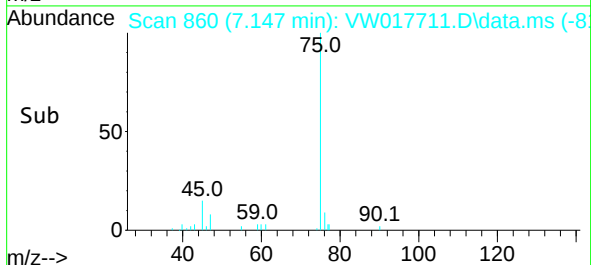
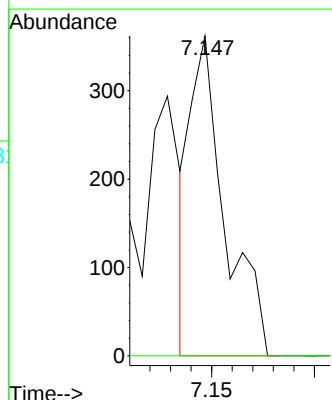
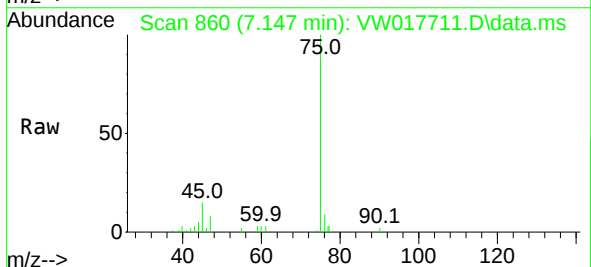
Instrument :
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SP-138KV-YARD

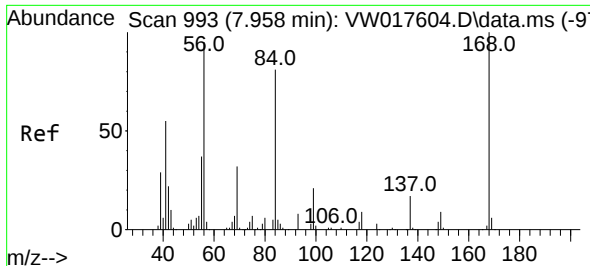
Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
72 26.0 25.4 38.2



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Tgt Ion: 77 Resp: 425
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

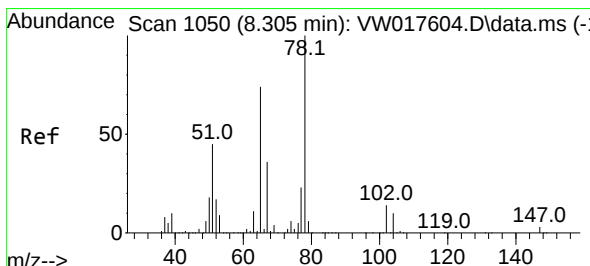
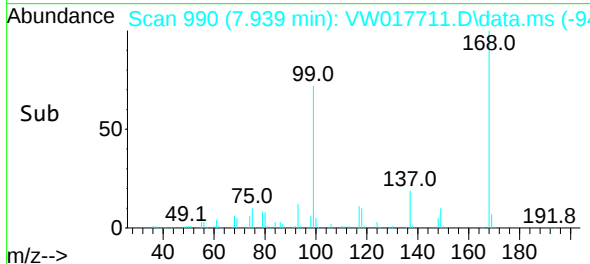
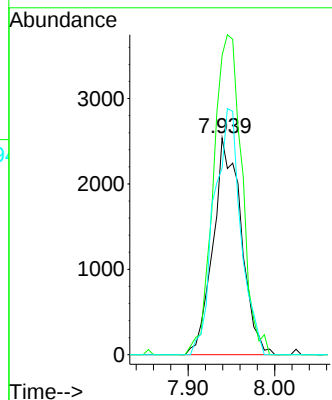
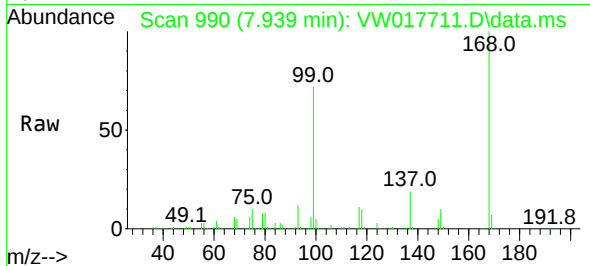




#31
Cyclohexane
Concen: 1.30 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.019 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

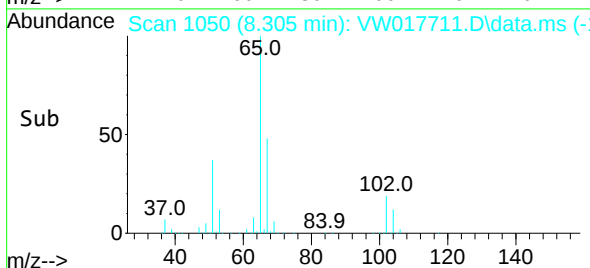
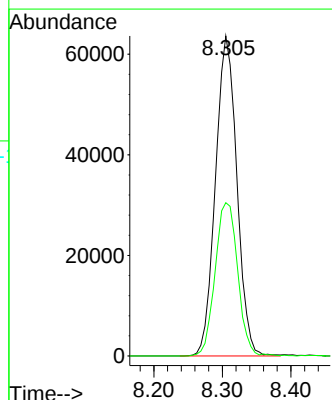
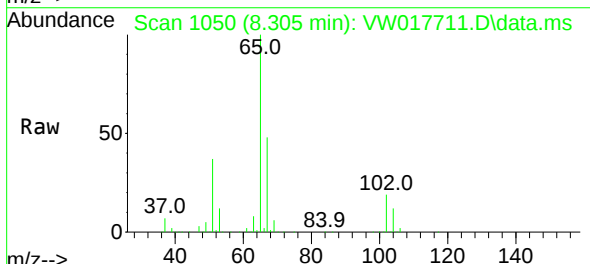
Instrument :
MSVOA_W
ClientSampleId :
SP-138KV-YARD

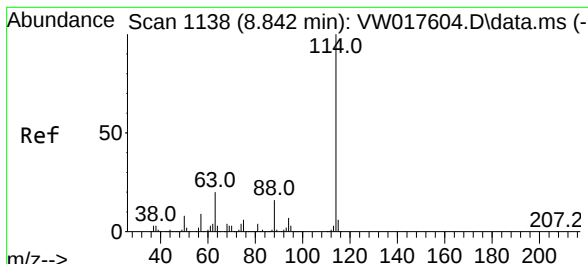
Tgt Ion: 56 Resp: 5708
Ion Ratio Lower Upper
56 100
69 138.4 29.3 43.9#
84 86.3 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 54.37 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Tgt Ion: 65 Resp: 137917
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.8

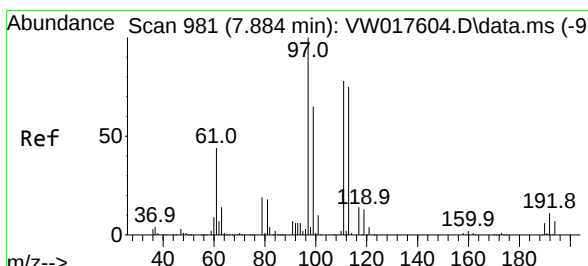
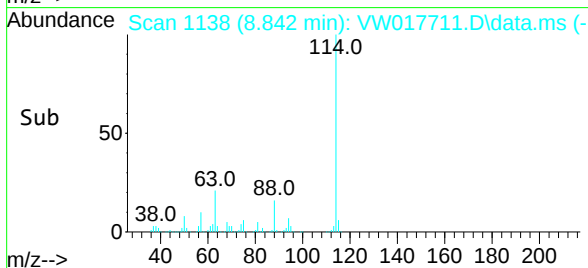
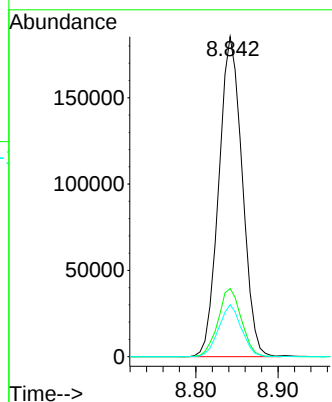
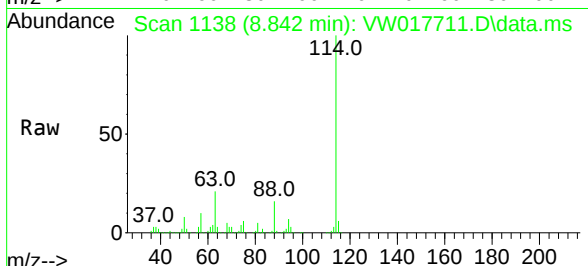




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017711.D
 Acq: 23 Dec 2020 14:49

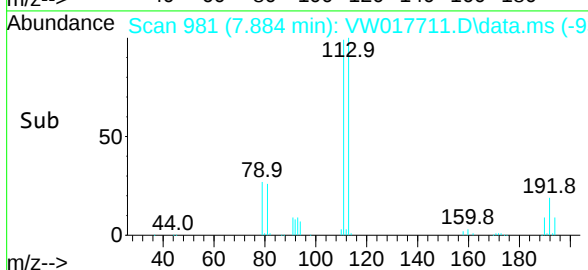
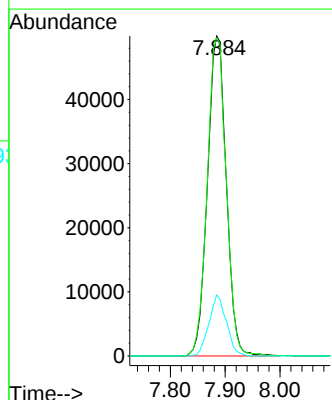
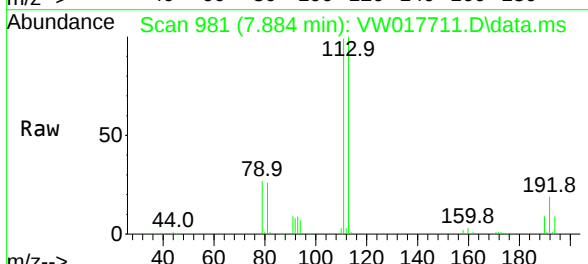
Instrument :
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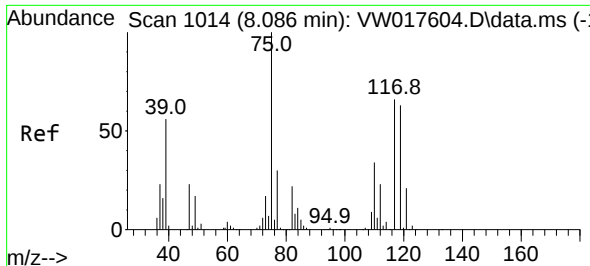
Tgt Ion:	114	Resp:	366374
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	35.6
88	16.2	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 49.02 ug/l
 RT: 7.884 min Scan# 981
 Delta R.T. 0.000 min
 Lab File: VW017711.D
 Acq: 23 Dec 2020 14:49

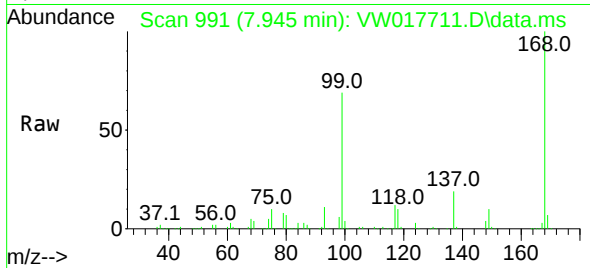
Tgt Ion:	113	Resp:	118854
Ion Ratio	Lower	Upper	
113	100		
111	100.6	81.4	122.2
192	17.7	17.8	26.8#



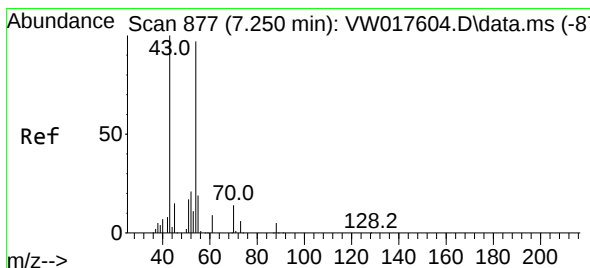
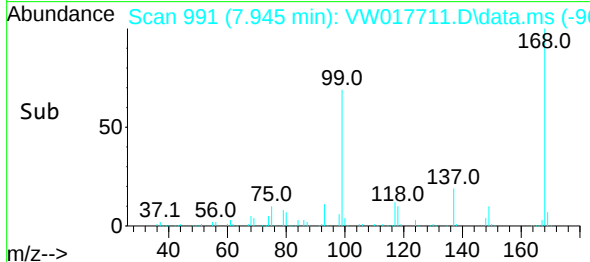
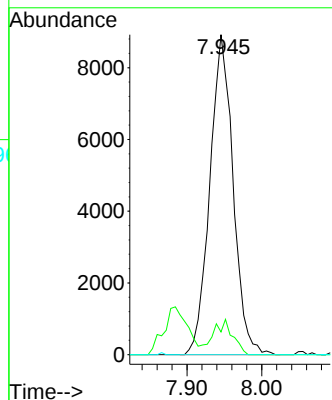


#36
1,1-Dichloropropene
Concen: 5.02 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Instrument :
MSVOA_W
ClientSampleId :
SP-138KV-YARD

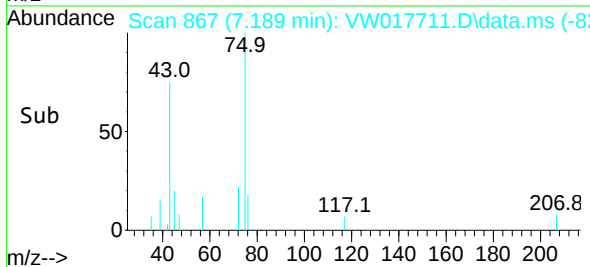
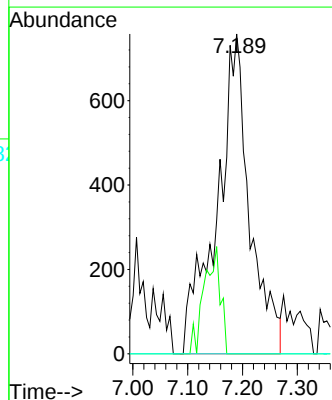
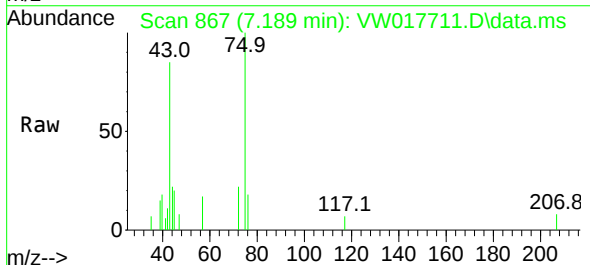


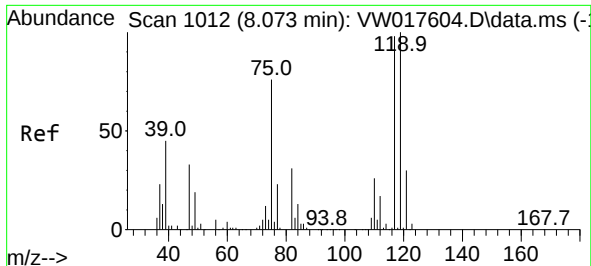
Tgt Ion: 75 Resp: 19241
Ion Ratio Lower Upper
75 100
110 8.9 19.3 57.9#
77 0.0 25.0 37.6#



#37
Ethyl Acetate
Concen: 1.98 ug/l
RT: 7.189 min Scan# 867
Delta R.T. -0.061 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Tgt Ion: 43 Resp: 3168
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 0.0 9.9 14.9#

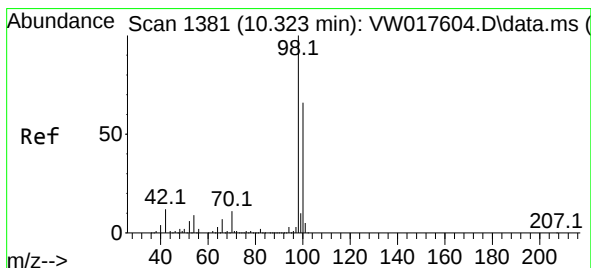
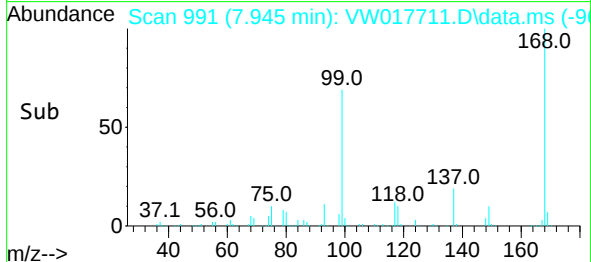
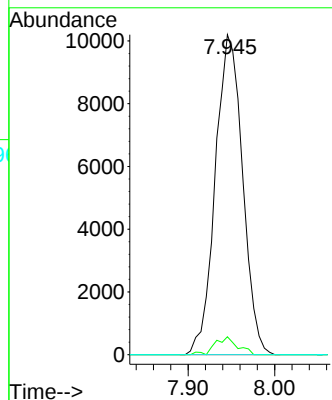
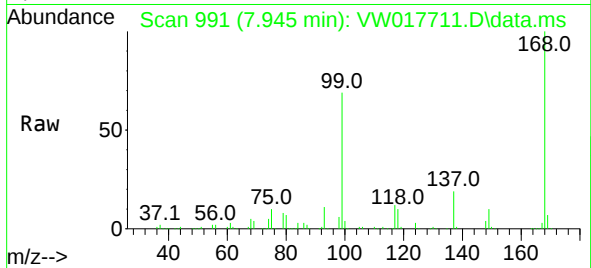




#38
Carbon Tetrachloride
Concen: 5.80 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

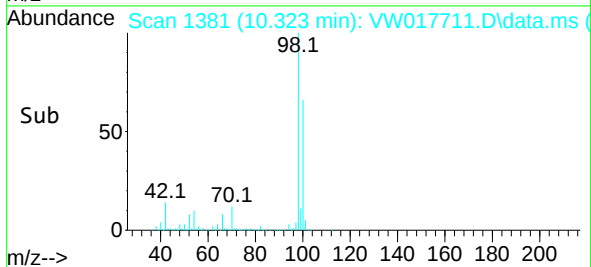
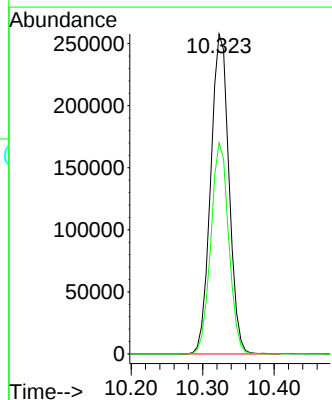
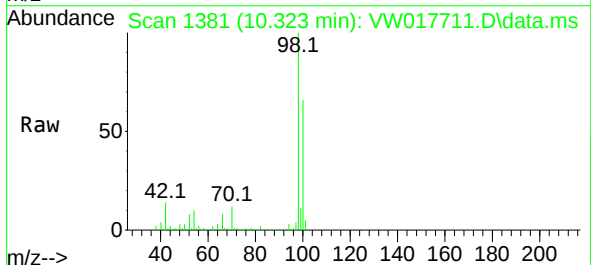
Instrument :
MSVOA_W
ClientSampleId :
SP-138KV-YARD

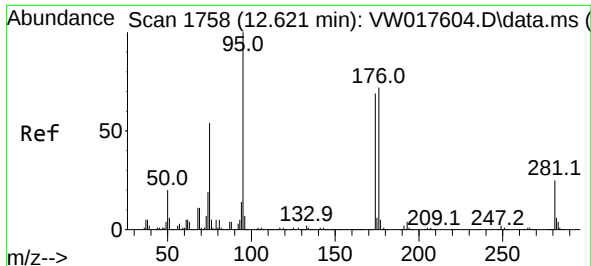
Tgt Ion:117 Resp: 22348
Ion Ratio Lower Upper
117 100
119 5.6 81.6 122.4#
121 0.0 25.7 38.5#



#50
Toluene-d8
Concen: 48.45 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Tgt Ion: 98 Resp: 457353
Ion Ratio Lower Upper
98 100
100 64.5 53.3 79.9

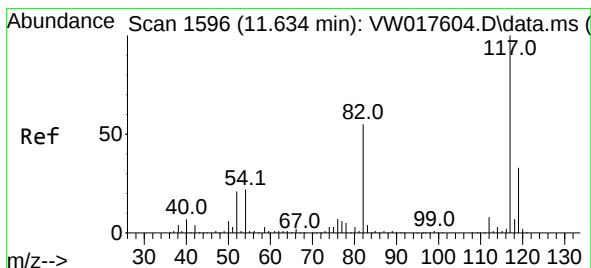
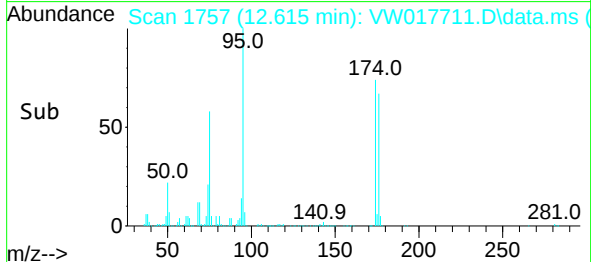
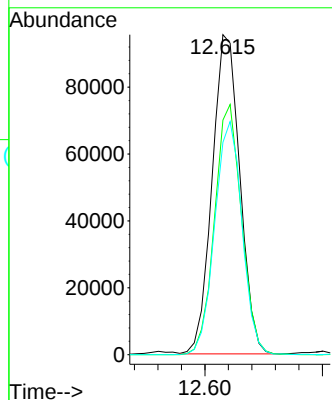
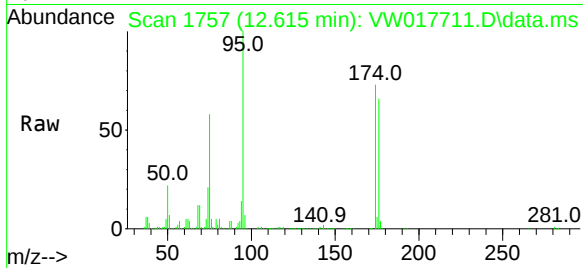




#62
4-Bromofluorobenzene
Concen: 46.38 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

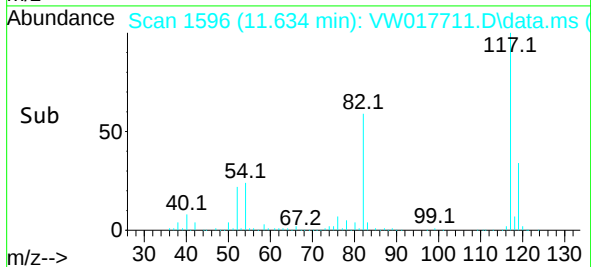
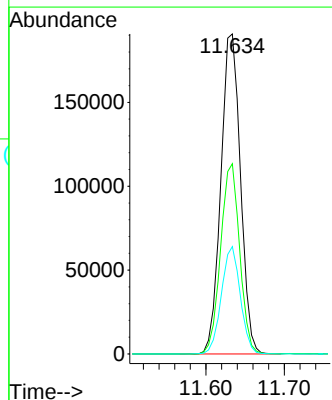
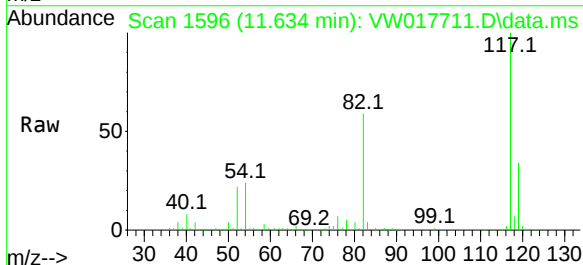
Instrument :
MSVOA_W
ClientSampleId :
SP-138KV-YARD

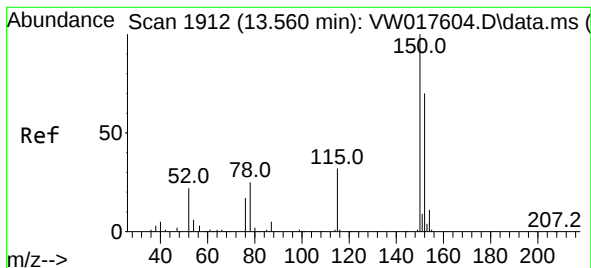
Tgt Ion: 95 Resp: 156304
Ion Ratio Lower Upper
95 100
174 76.3 0.0 180.6
176 72.2 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

Tgt Ion: 117 Resp: 332235
Ion Ratio Lower Upper
117 100
82 59.4 40.7 61.1
119 33.6 25.0 37.4

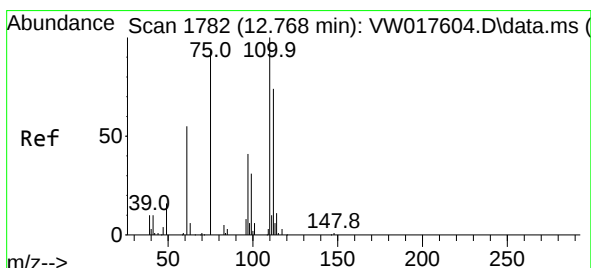
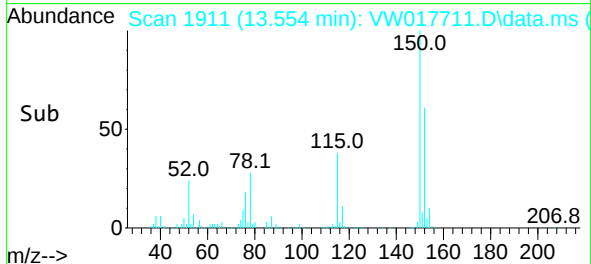
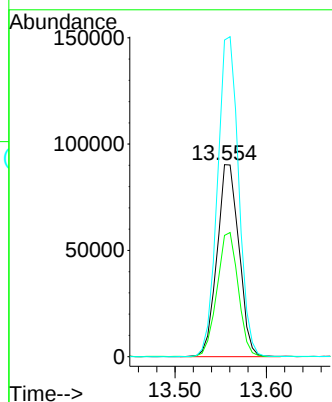
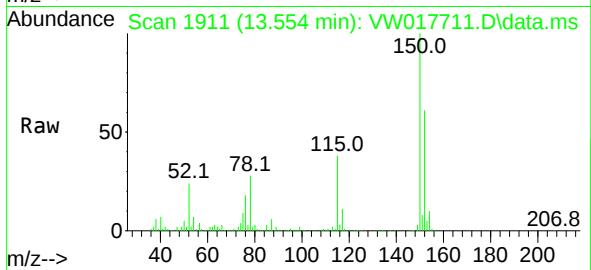




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

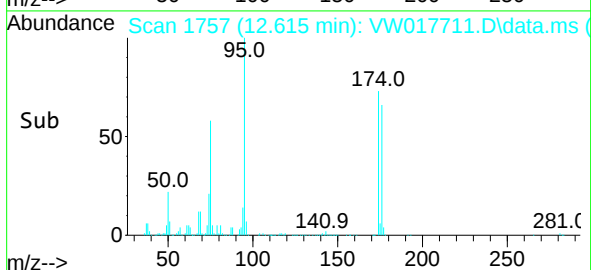
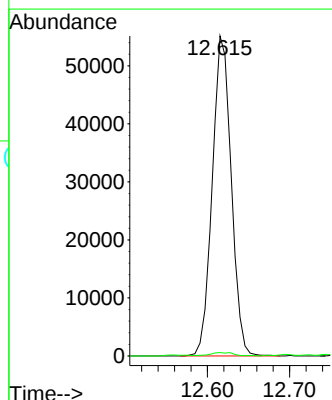
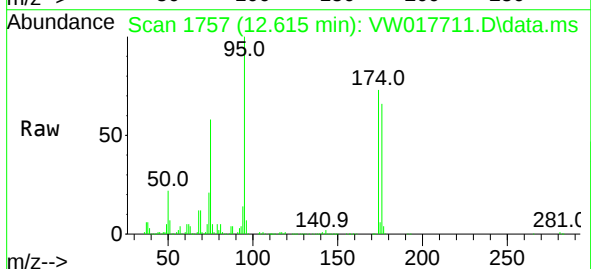
Instrument :
MSVOA_W
ClientSampleId :
SP-138KV-YARD

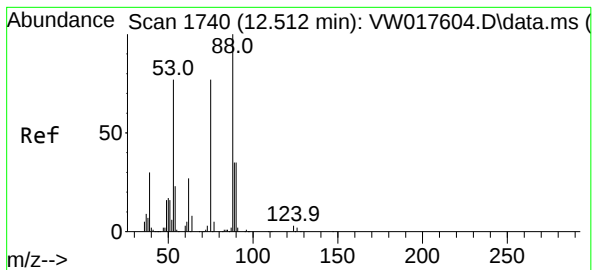
Tgt Ion:152 Resp: 150594
Ion Ratio Lower Upper
152 100
115 62.3 27.9 83.7
150 161.0 0.0 344.0



#76
1,2,3-Trichloropropane
Concen: 60.99 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017711.D
Acq: 23 Dec 2020 14:49

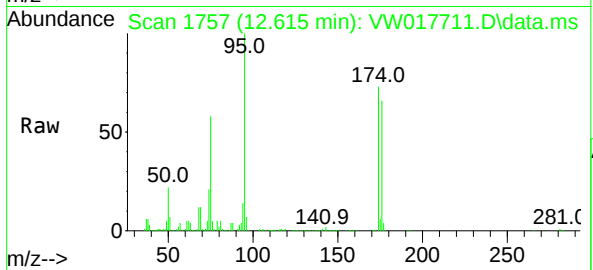
Tgt Ion: 75 Resp: 88413
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.57 ug/l
 RT: 12.615 min Scan# 1757
 Delta R.T. 0.103 min
 Lab File: VW017711.D
 Acq: 23 Dec 2020 14:49

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-138KV-YARD



Tgt Ion: 75 Resp: 88413
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.0 115.4#
 89 0.0 38.7 58.1#

