

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017717.D
 Acq On : 23 Dec 2020 17:21
 Operator : SY/VA
 Sample : L5192-01RE
 Misc : 5.03G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CL-02-122220

Quant Time: Dec 24 01:38:41 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)

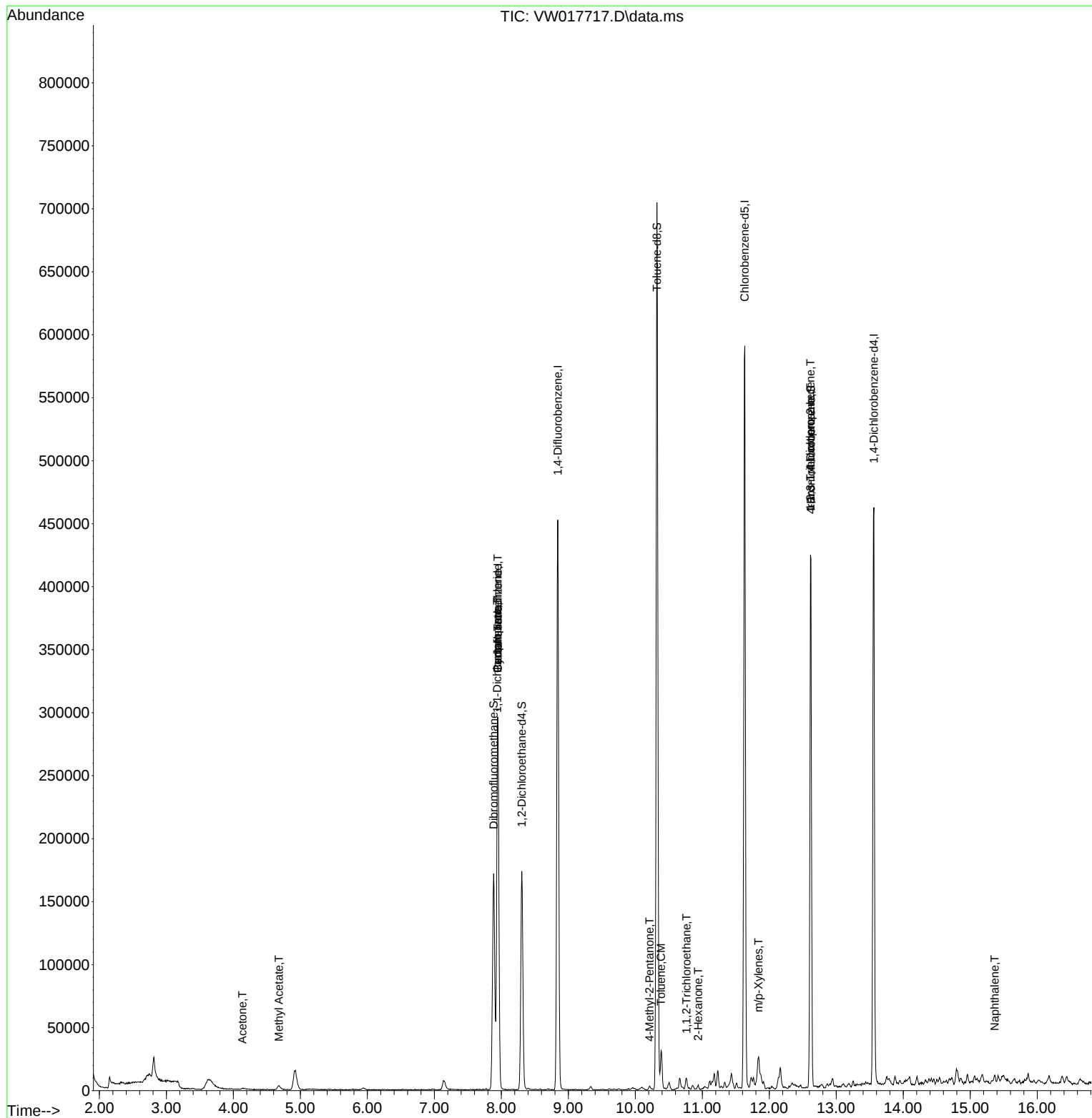
Internal Standards						
1) Pentafluorobenzene	7.945	168	210459	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	373761	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	313634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	113154	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	135552	52.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.76%	
35) Dibromofluoromethane	7.884	113	116654	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
50) Toluene-d8	10.323	98	444914	46.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.40%	
62) 4-Bromofluorobenzene	12.621	95	134918	39.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.48%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.184	59	287	Below Cal	#	82
16) Acetone	4.135	43	2595	4.65 ug/l	#	82
18) Methyl Acetate	4.678	43	6495	5.73 ug/l	#	63
20) Methylene Chloride	4.922	84	12908	Below Cal	#	81
26) 2,2-Dichloropropane	7.147	77	542	Below Cal	#	66
31) Cyclohexane	7.945	56	6057	1.37 ug/l	#	39
36) 1,1-Dichloropropene	7.939	75	18614	4.76 ug/l	#	48
38) Carbon Tetrachloride	7.945	117	22904	5.82 ug/l	#	13
51) 4-Methyl-2-Pentanone	10.213	43	1954	1.28 ug/l		95
52) Toluene	10.384	92	12611	1.86 ug/l		95
55) 1,1,2-Trichloroethane	10.762	97	3650	1.91 ug/l	#	22
59) 2-Hexanone	10.939	43	1463	1.43 ug/l	#	21
68) m/p-Xylenes	11.841	106	6842	1.43 ug/l		97
76) 1,2,3-Trichloropropane	12.615	75	76736	70.45 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.615	75	76736	142.73 ug/l	#	11
95) Naphthalene	15.365	128	4737	1.07 ug/l	#	93

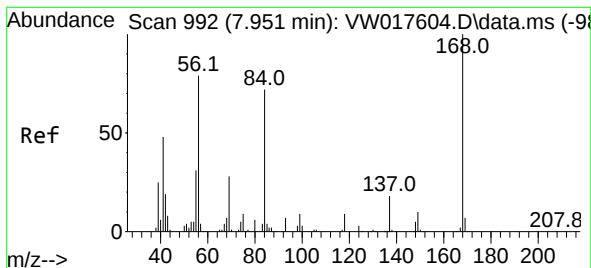
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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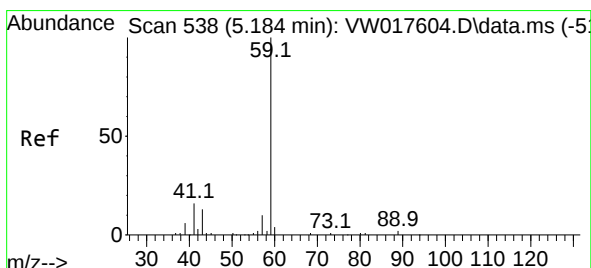
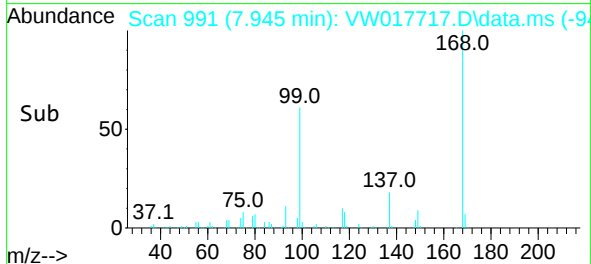
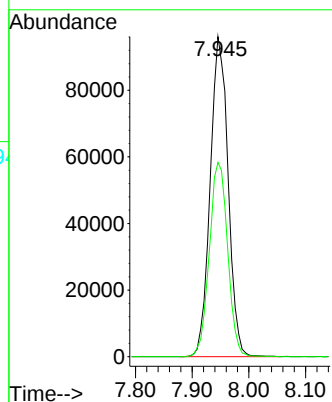
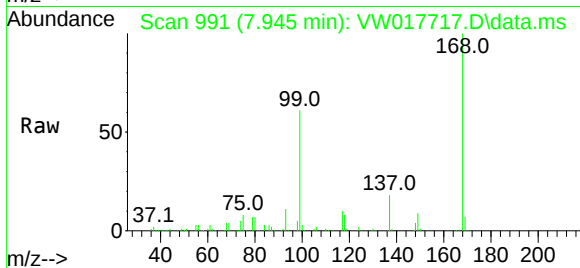




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

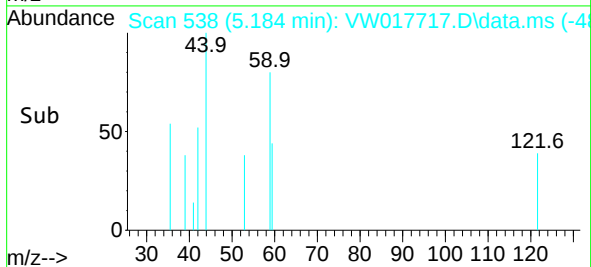
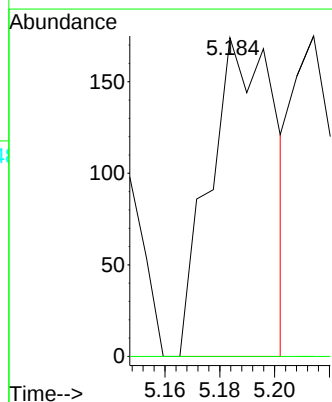
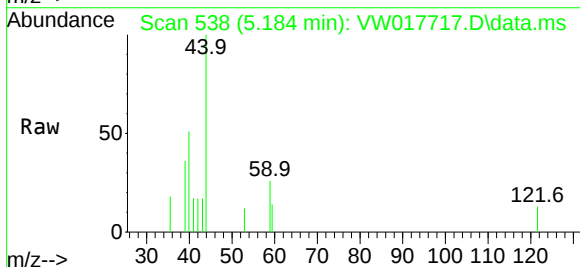
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

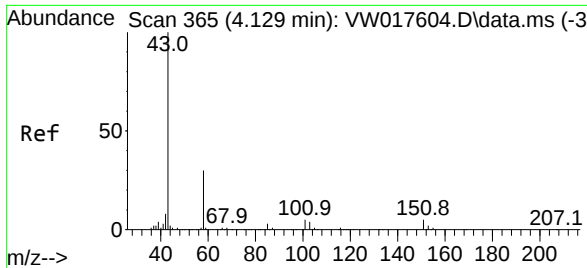
Tgt Ion:168 Resp: 210459
Ion Ratio Lower Upper
168 100
99 60.7 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.184 min Scan# 538
Delta R.T. -0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 59 Resp: 287
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

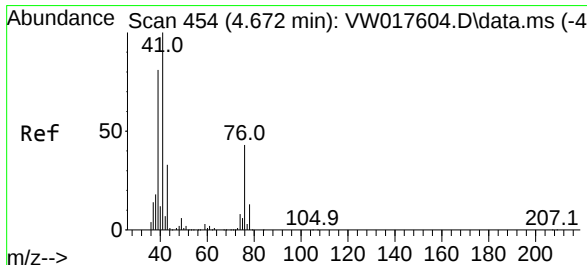
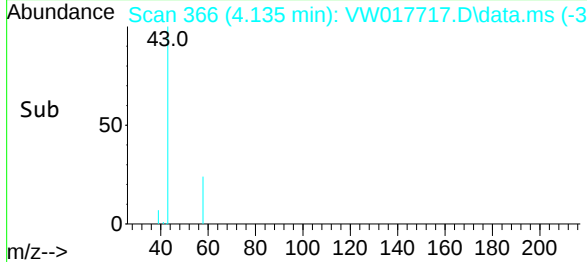
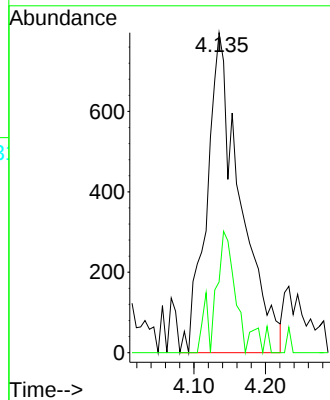
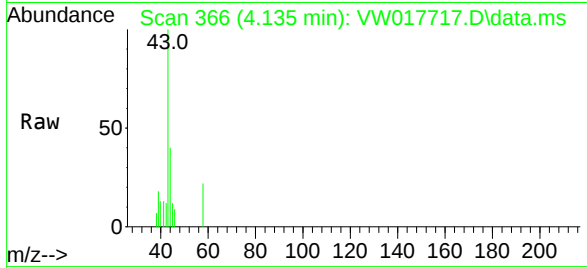




#16
Acetone
Concen: 4.65 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

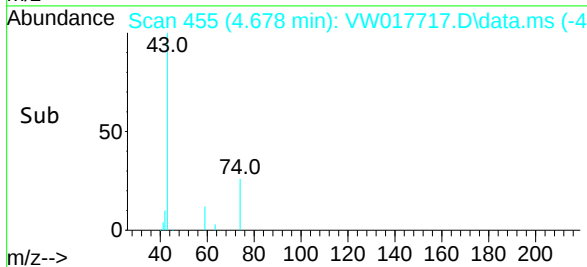
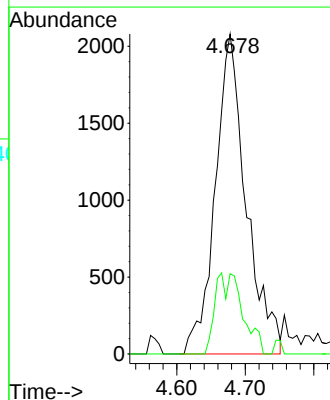
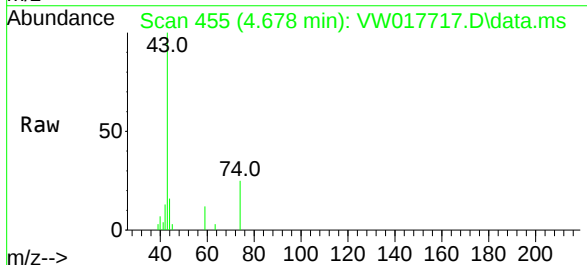
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

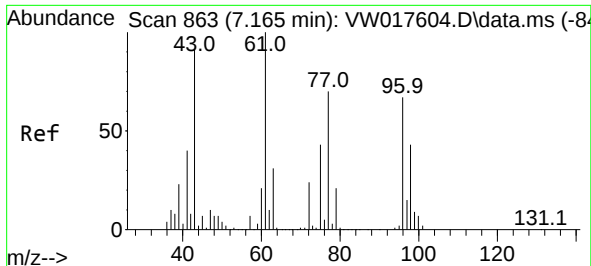
Tgt Ion: 43 Resp: 2595
Ion Ratio Lower Upper
43 100
58 22.1 25.7 38.5#



#18
Methyl Acetate
Concen: 5.73 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 43 Resp: 6495
Ion Ratio Lower Upper
43 100
74 9.7 23.8 35.6#

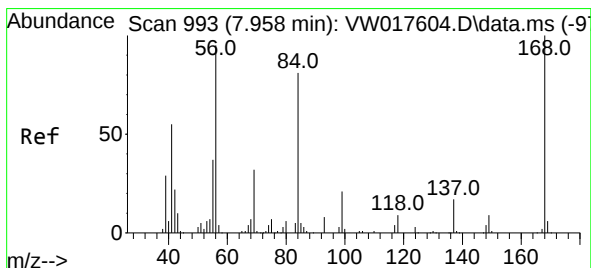
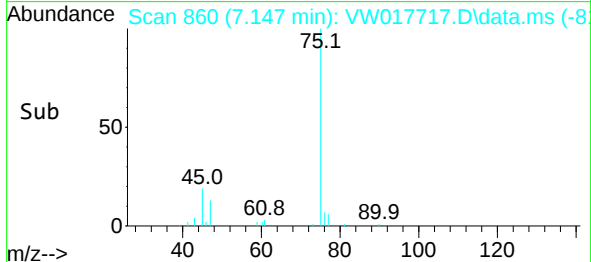
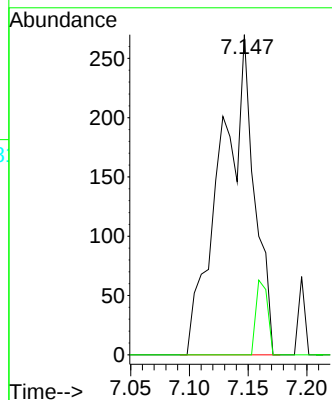
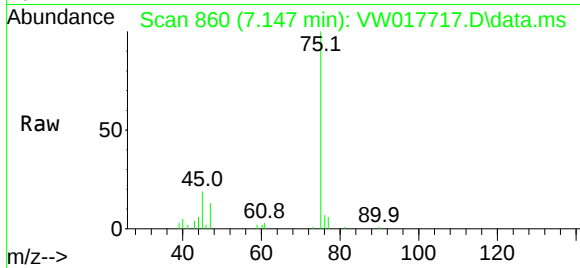




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.147 min Scan# 860
Delta R.T. -0.018 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

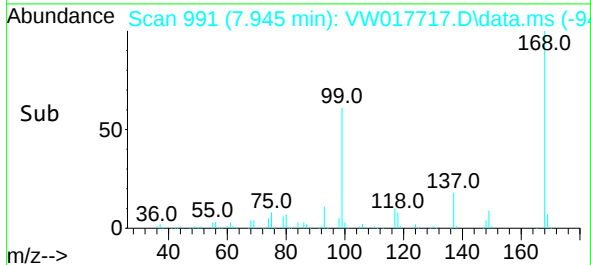
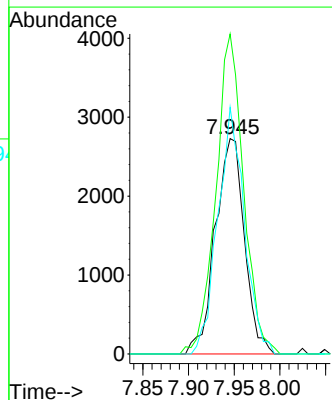
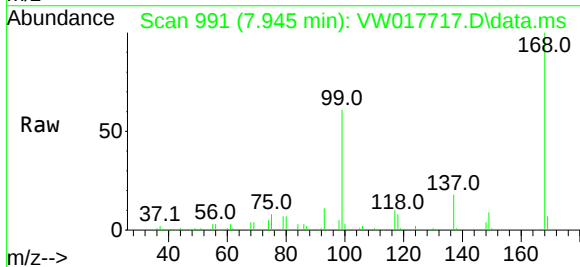
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

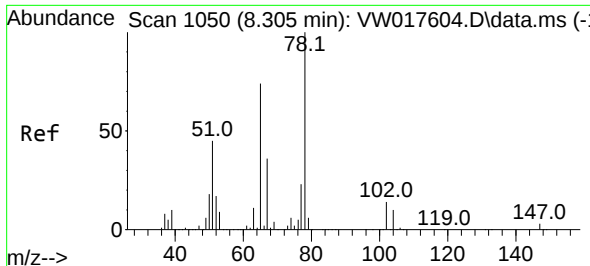
Tgt Ion: 77 Resp: 542
Ion Ratio Lower Upper
77 100
97 7.9 12.4 37.4#



#31
Cyclohexane
Concen: 1.37 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 56 Resp: 6057
Ion Ratio Lower Upper
56 100
69 148.6 29.3 43.9#
84 114.5 80.5 120.7

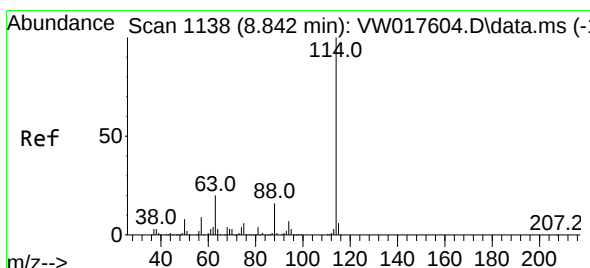
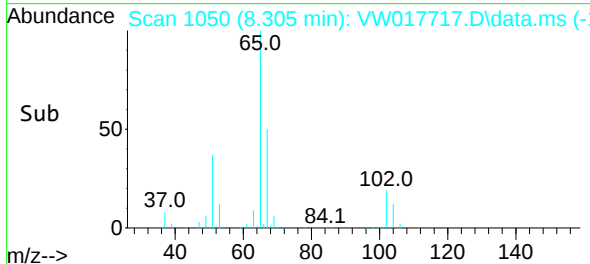
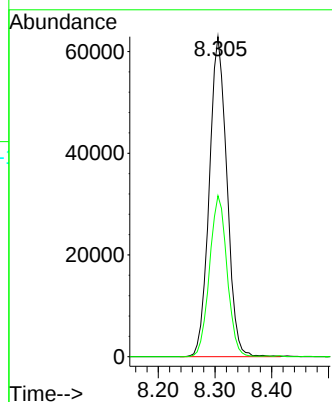
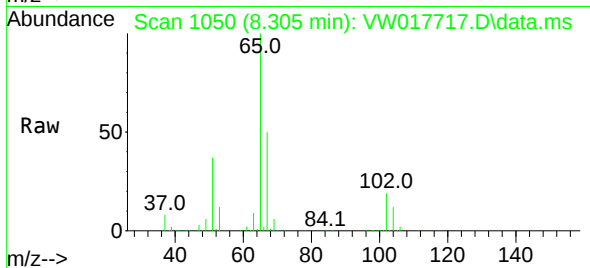




#33
 1,2-Dichloroethane-d4
 Concen: 52.88 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017717.D
 Acq: 23 Dec 2020 17:21

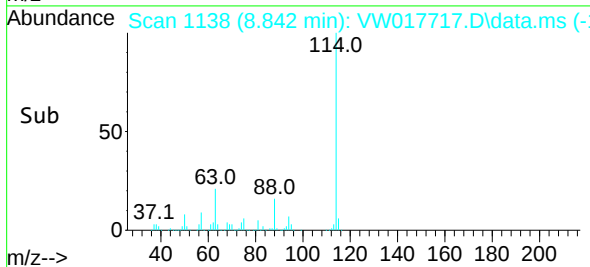
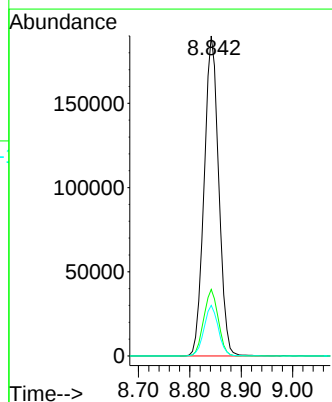
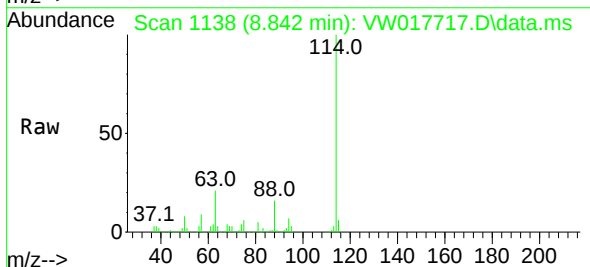
Instrument :
 MSVOA_W
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 CL-02-122220

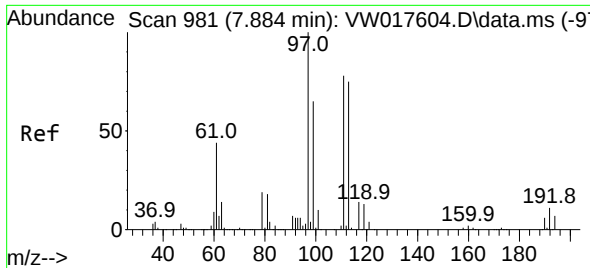
Tgt Ion: 65 Resp: 135552
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017717.D
 Acq: 23 Dec 2020 17:21

Tgt Ion: 114 Resp: 373761
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 35.6
 88 15.8 0.0 30.4

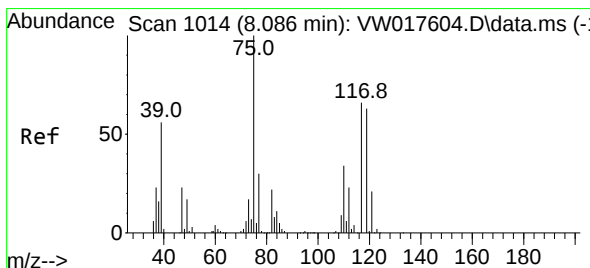
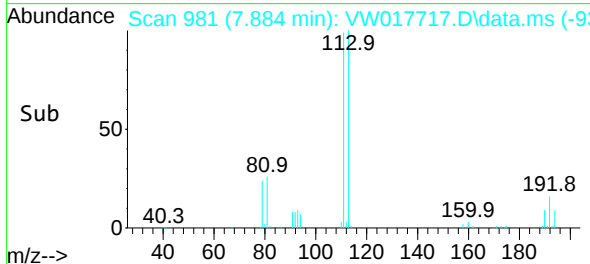
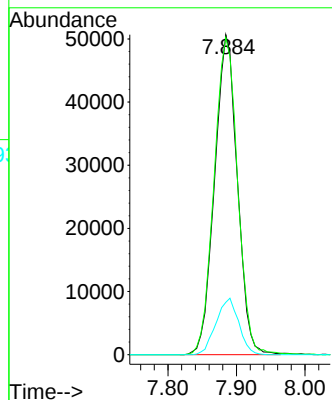
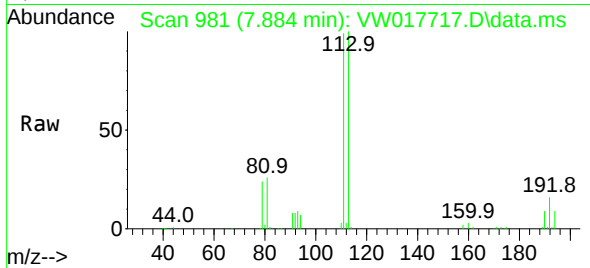




#35
Dibromofluoromethane
Concen: 47.16 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

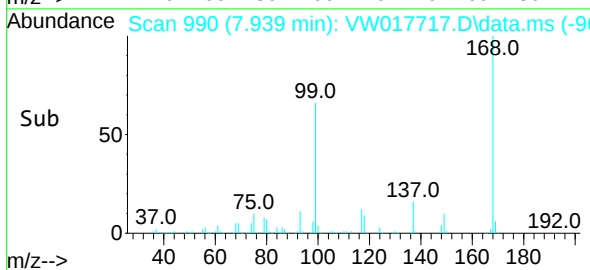
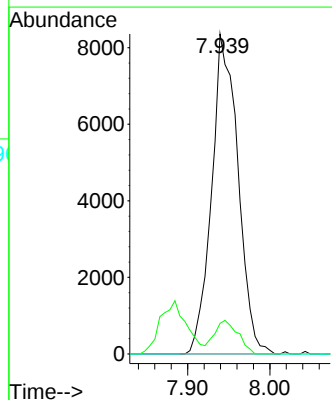
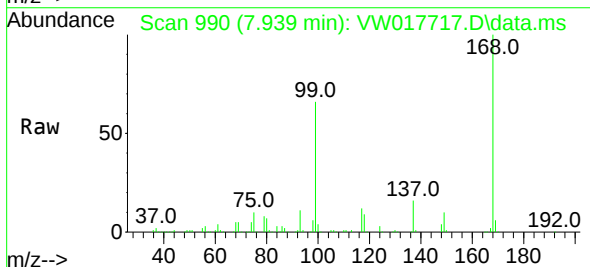
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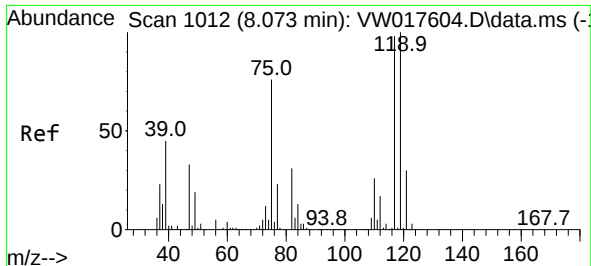
Tgt Ion:113 Resp: 116654
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.2
192 17.7 17.8 26.8#



#36
1,1-Dichloropropene
Concen: 4.76 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.147 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 75 Resp: 18614
Ion Ratio Lower Upper
75 100
110 9.4 19.3 57.9#
77 0.0 25.0 37.6#

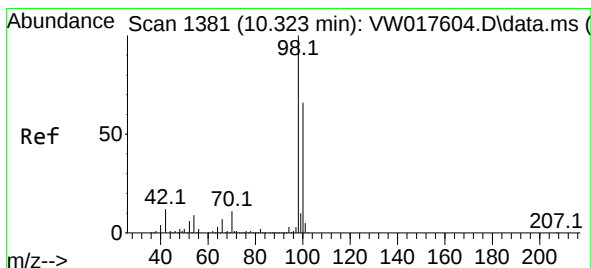
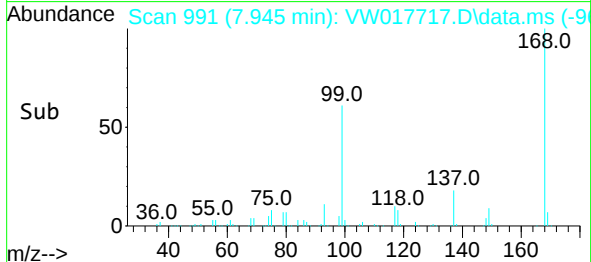
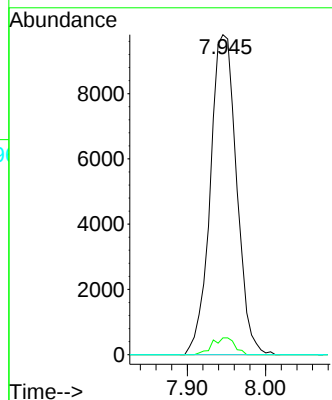
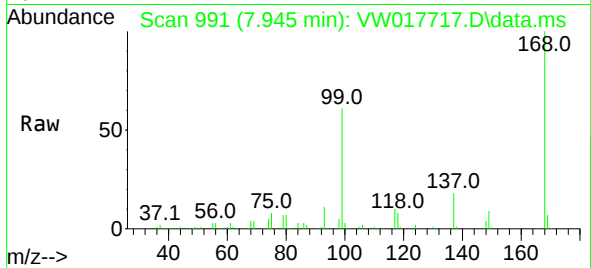




#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

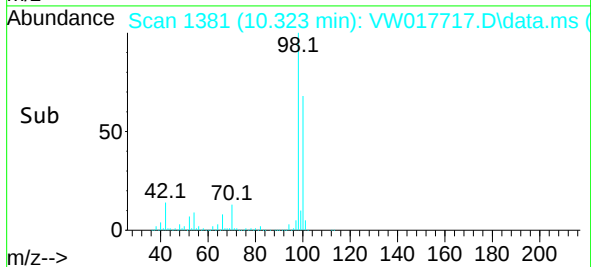
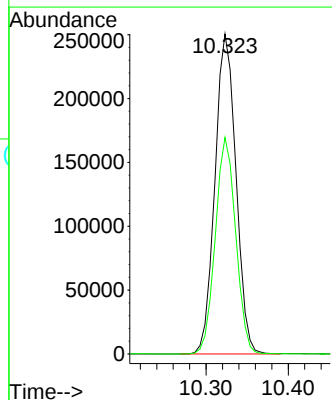
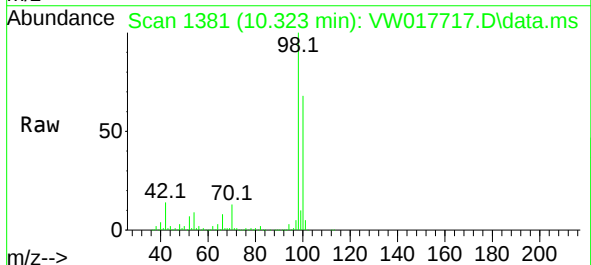
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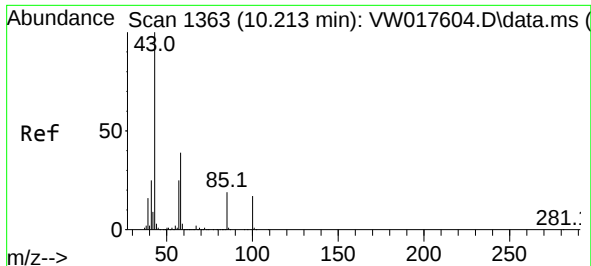
Tgt Ion:117 Resp: 22904
Ion Ratio Lower Upper
117 100
119 5.3 81.6 122.4#
121 0.0 25.7 38.5#



#50
Toluene-d8
Concen: 46.20 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 98 Resp: 444914
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9

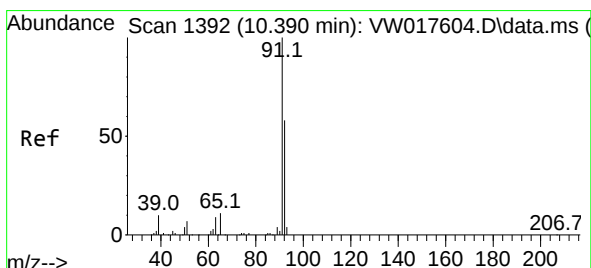
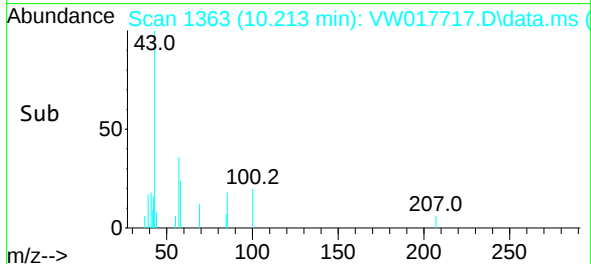
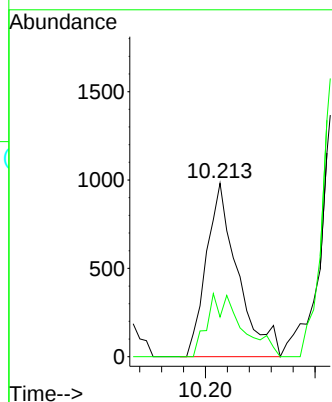
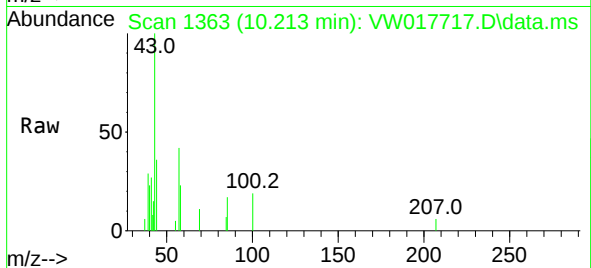




#51
4-Methyl-2-Pentanone
Concen: 1.28 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

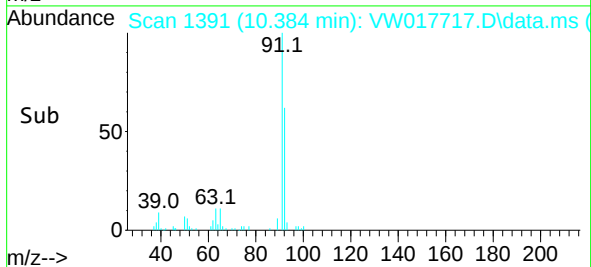
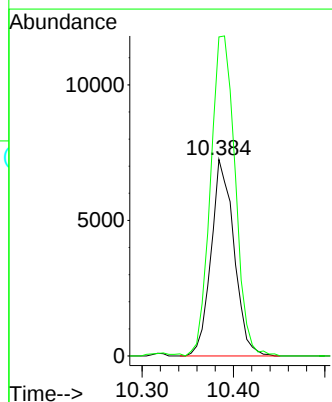
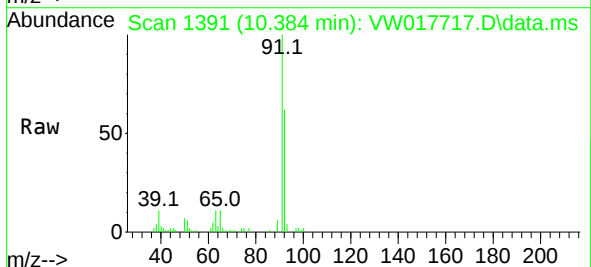
Instrument :
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CL-02-122220

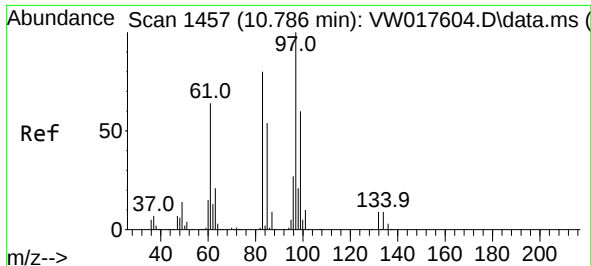
Tgt Ion: 43 Resp: 1954
Ion Ratio Lower Upper
43 100
58 40.1 34.7 52.1



#52
Toluene
Concen: 1.86 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

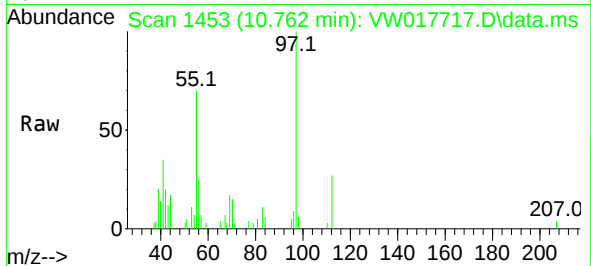
Tgt Ion: 92 Resp: 12611
Ion Ratio Lower Upper
92 100
91 175.1 134.7 202.1



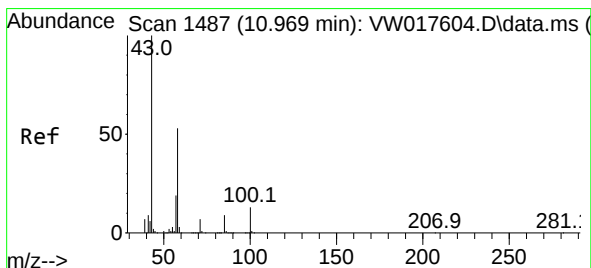
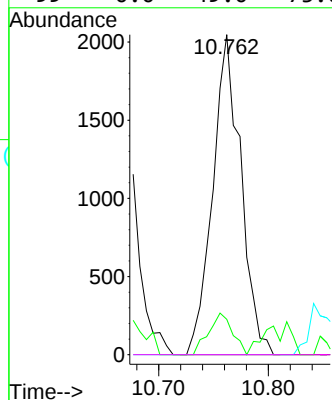
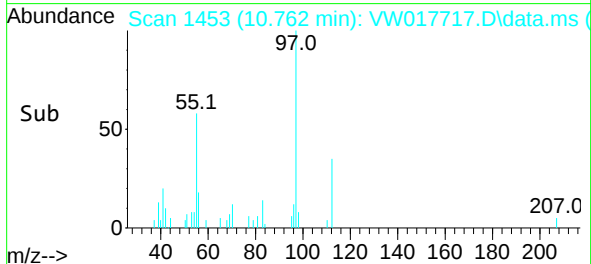


#55
1,1,2-Trichloroethane
Concen: 1.91 ug/l
RT: 10.762 min Scan# 1453
Delta R.T. -0.024 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

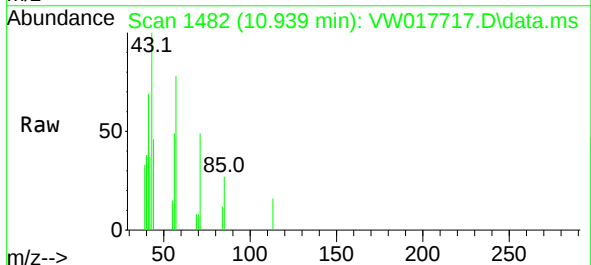
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220



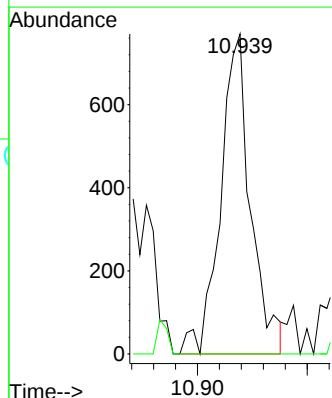
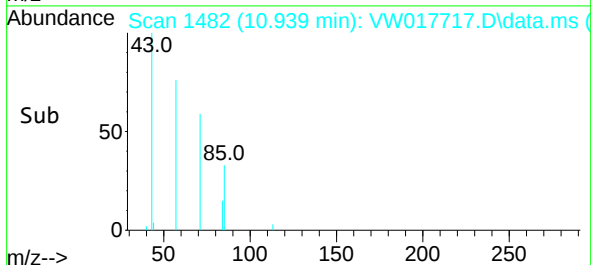
Tgt Ion:	97	Resp:	3650
Ion	Ratio	Lower	Upper
97	100		
83	11.1	64.6	97.0#
85	0.0	40.6	61.0#
99	0.0	49.0	73.6#

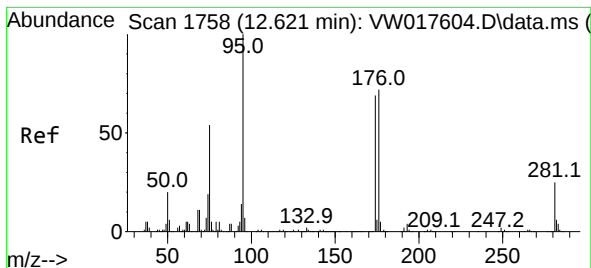


#59
2-Hexanone
Concen: 1.43 ug/l
RT: 10.939 min Scan# 1482
Delta R.T. -0.030 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21



Tgt Ion:	43	Resp:	1463
Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.5	88.5#

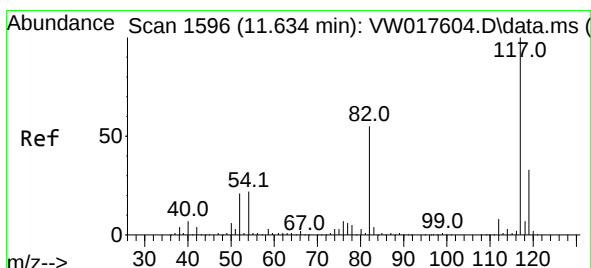
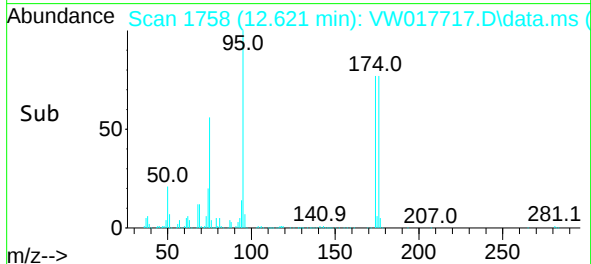
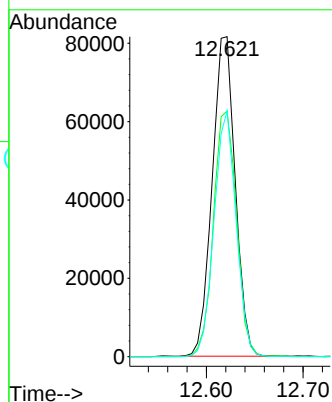
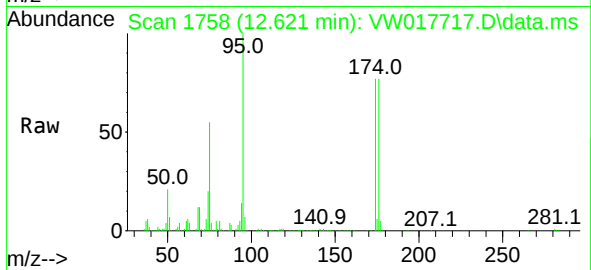




#62
4-Bromofluorobenzene
Concen: 39.24 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

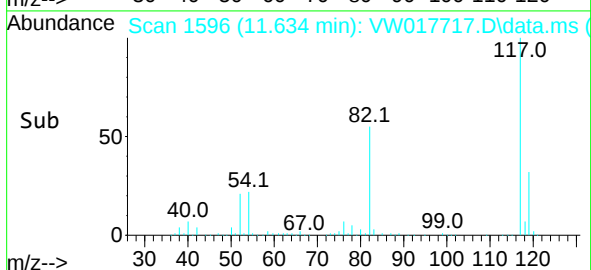
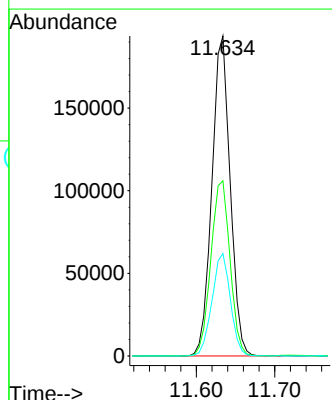
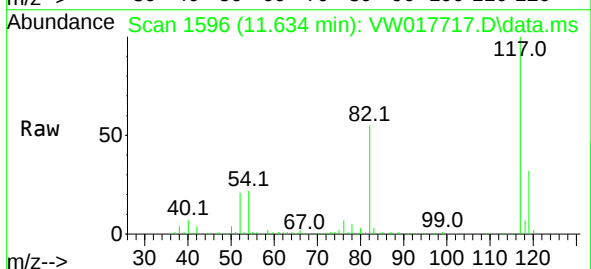
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

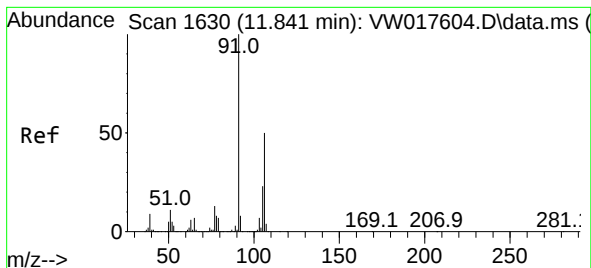
Tgt Ion: 95 Resp: 134918
Ion Ratio Lower Upper
95 100
174 76.9 0.0 180.6
176 73.5 0.0 177.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 117 Resp: 313634
Ion Ratio Lower Upper
117 100
82 54.7 40.7 61.1
119 32.0 25.0 37.4

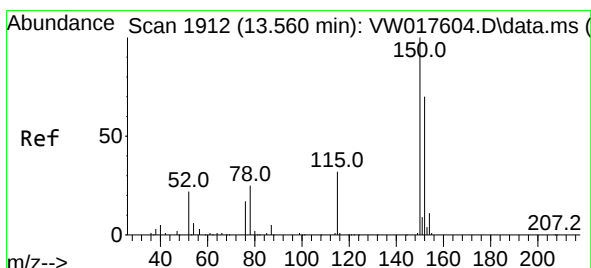
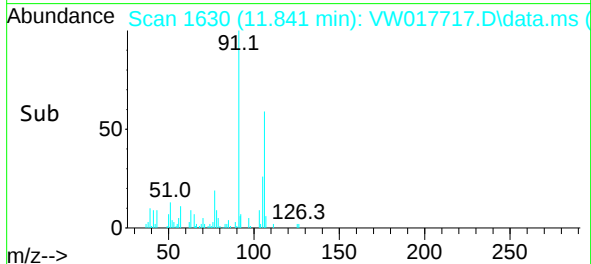
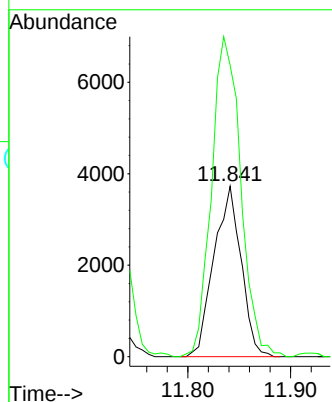
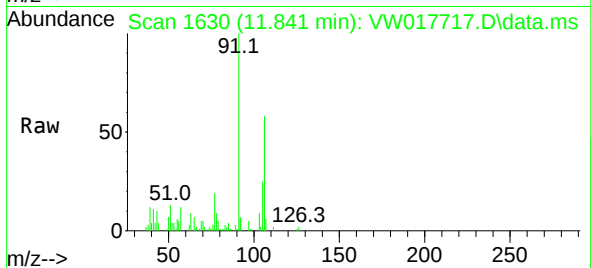




#68
m/p-Xylenes
Concen: 1.43 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

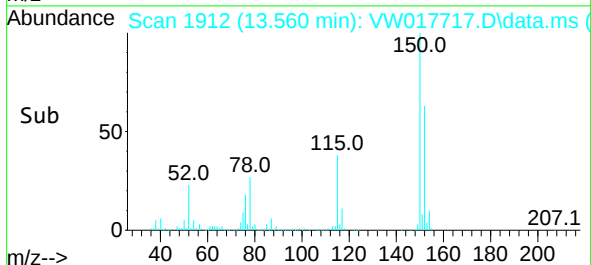
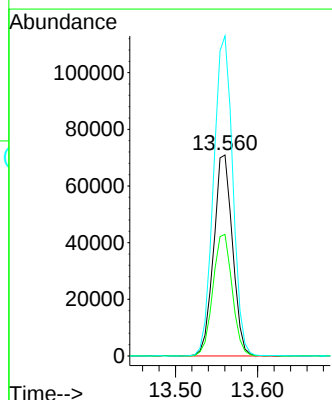
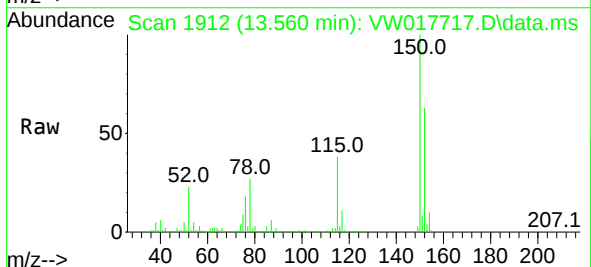
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

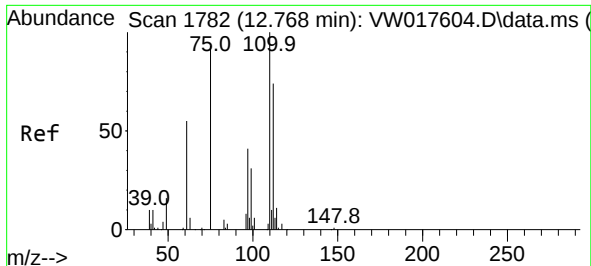
Tgt Ion:106 Resp: 6842
Ion Ratio Lower Upper
106 100
91 201.8 157.4 236.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion:152 Resp: 113154
Ion Ratio Lower Upper
152 100
115 61.8 27.9 83.7
150 162.0 0.0 344.0

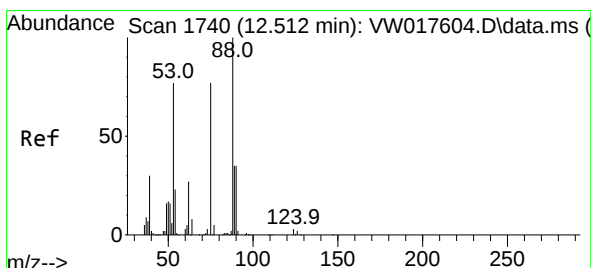
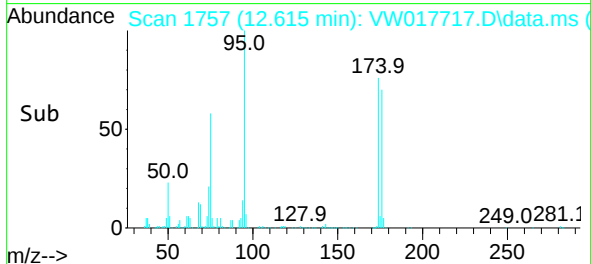
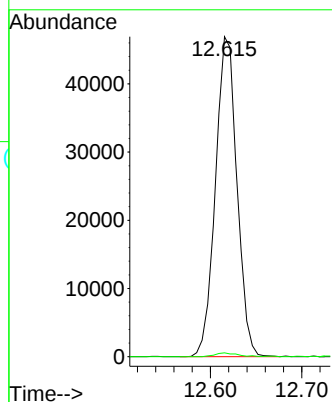
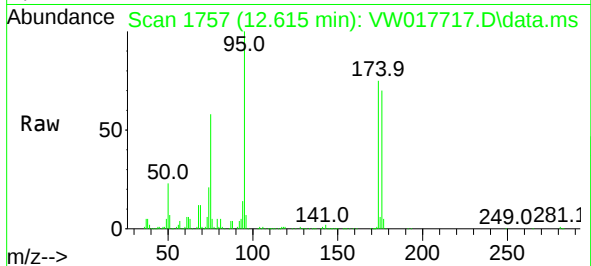




#76
1,2,3-Trichloropropane
Concen: 70.45 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

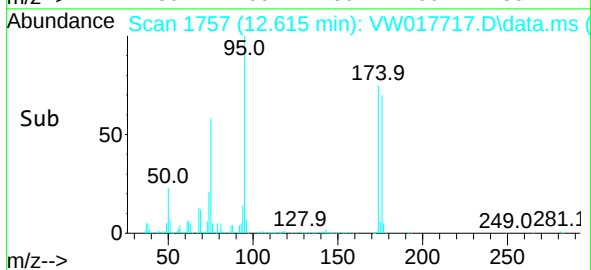
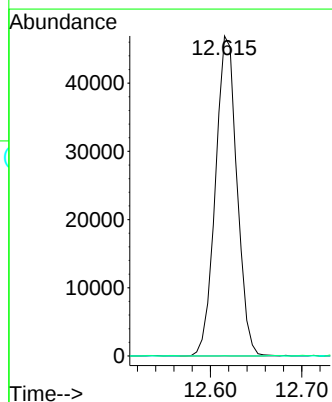
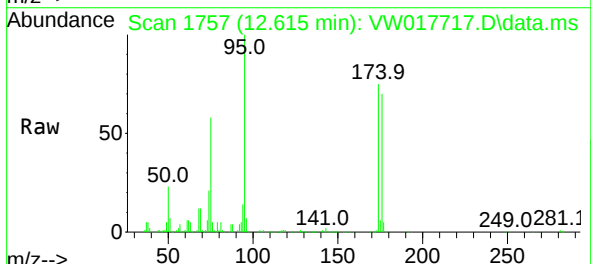
Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

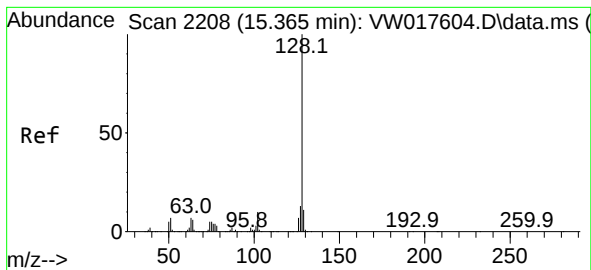
Tgt Ion: 75 Resp: 76736
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 142.73 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Tgt Ion: 75 Resp: 76736
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.0 38.7 58.1#





#95
Naphthalene
Concen: 1.07 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017717.D
Acq: 23 Dec 2020 17:21

Instrument :
MSVOA_W
ClientSampleId :
CL-02-122220

Tgt Ion:128 Resp: 4737
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 15.2 8.6 12.8#

