

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017720.D
 Acq On : 23 Dec 2020 18:37
 Operator : SY/VA
 Sample : L5200-02
 Misc : 5.83G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BIN-4-122320

Quant Time: Dec 24 01:39:43 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)

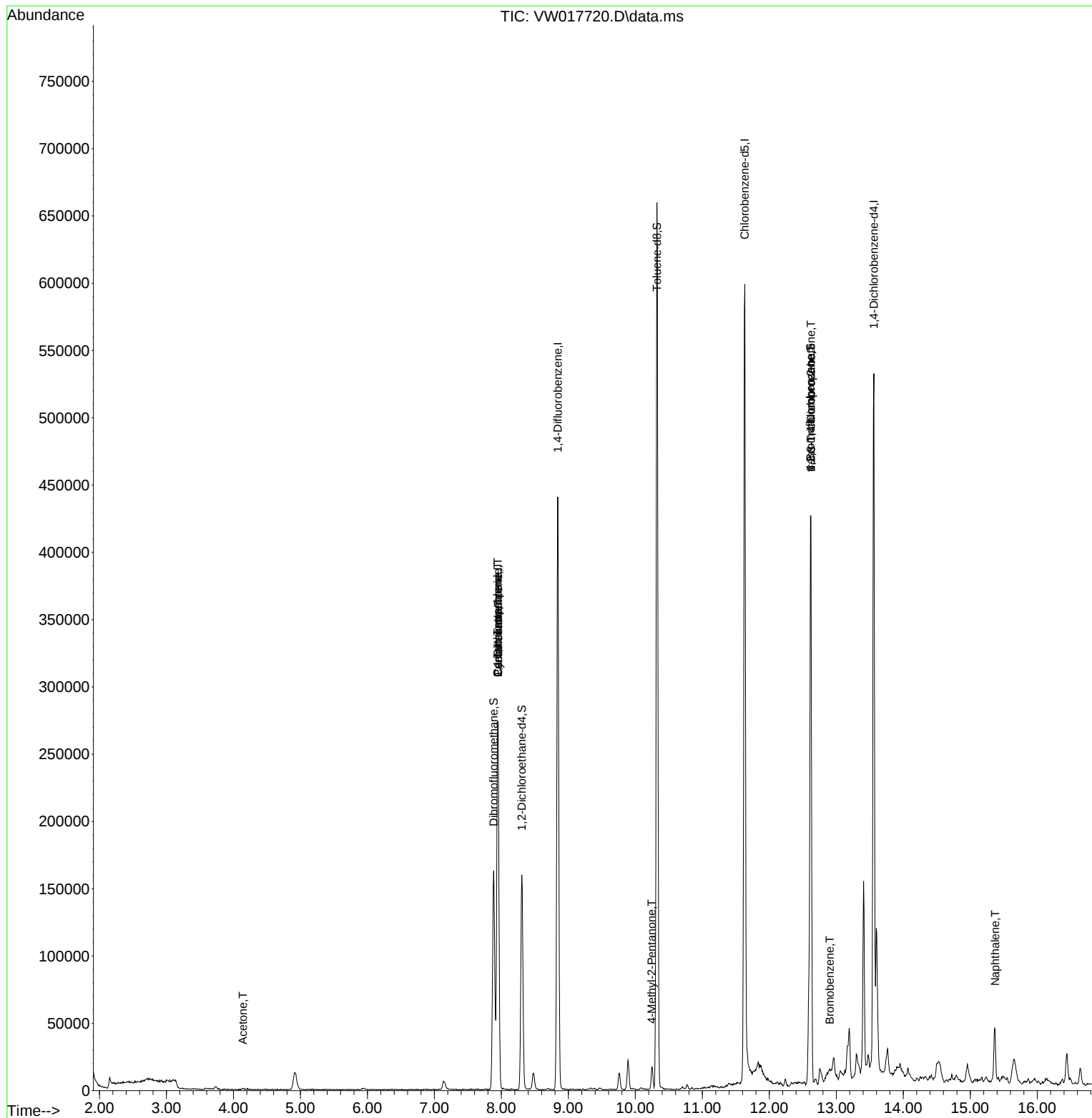
Internal Standards						
1) Pentafluorobenzene	7.951	168	202369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	356521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.633	117	302987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	122206	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	126644	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	7.884	113	110023	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
50) Toluene-d8	10.323	98	428245	46.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	12.615	95	137720	41.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.98%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.189	59	107	Below Cal	#	82
16) Acetone	4.141	43	648	1.21	ug/l #	72
20) Methylene Chloride	4.915	84	10649	Below Cal	#	87
26) 2,2-Dichloropropane	7.146	77	309	Below Cal	#	50
31) Cyclohexane	7.951	56	5261	1.24	ug/l #	37
36) 1,1-Dichloropropene	7.945	75	17913	4.80	ug/l #	48
38) Carbon Tetrachloride	7.945	117	22207	5.92	ug/l #	13
51) 4-Methyl-2-Pentanone	10.243	43	2496	1.71	ug/l #	67
76) 1,2,3-Trichloropropane	12.621	75	78872	67.05	ug/l #	1
77) Bromobenzene	12.901	156	9330	4.51	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.621	75	78872	135.84	ug/l #	11
95) Naphthalene	15.371	128	34369	7.16	ug/l	97

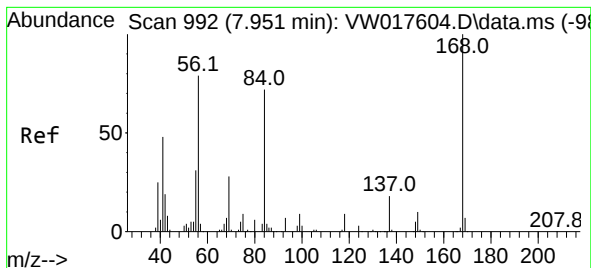
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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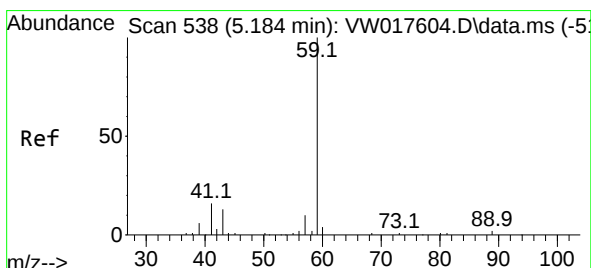
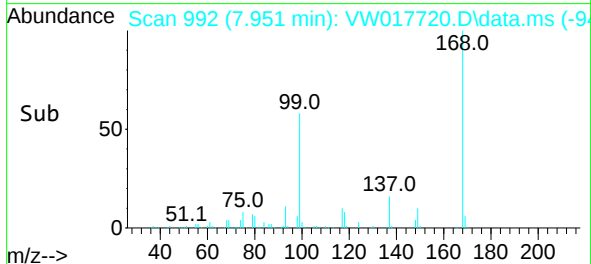
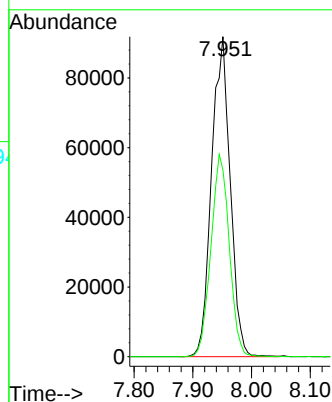
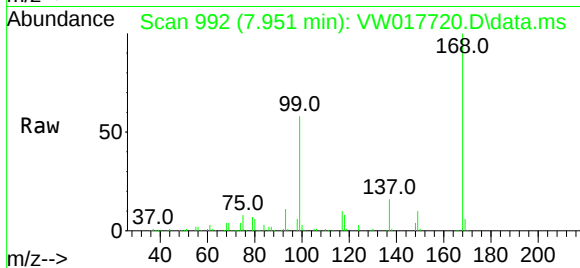




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

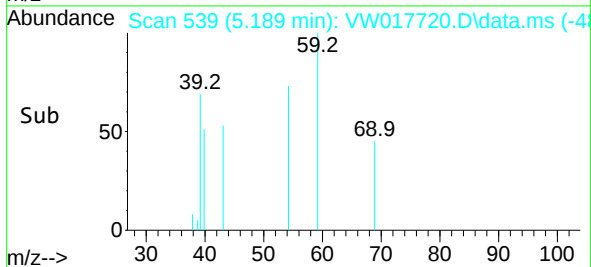
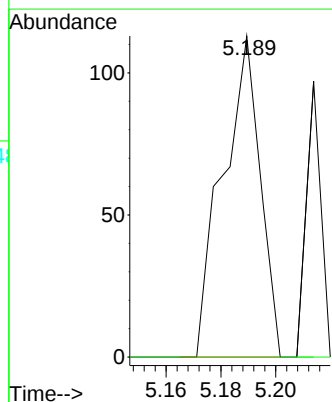
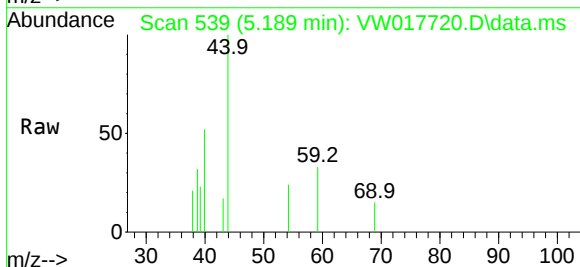
Instrument :
MSVOA_W
ClientSampleId :
BIN-4-122320

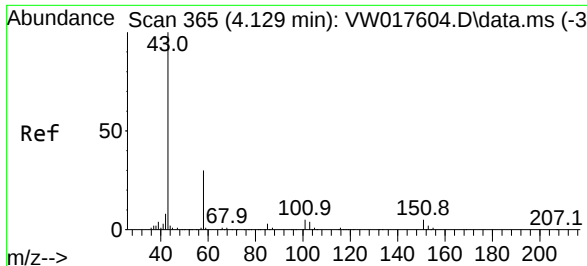
Tgt Ion:168 Resp: 202369
Ion Ratio Lower Upper
168 100
99 58.4 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.189 min Scan# 539
Delta R.T. 0.005 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Tgt Ion: 59 Resp: 107
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

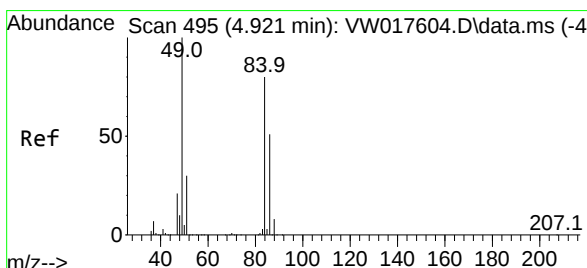
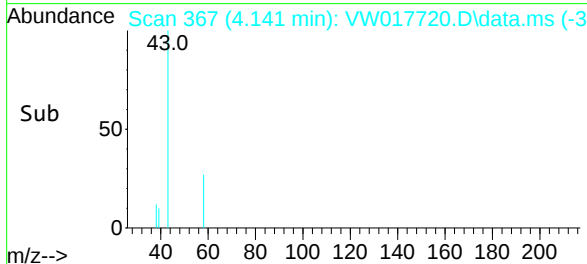
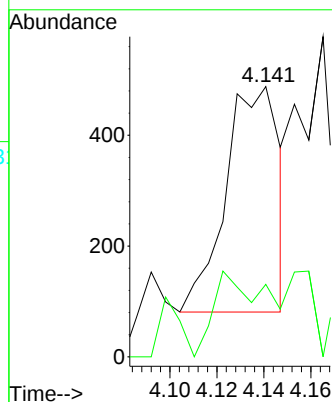
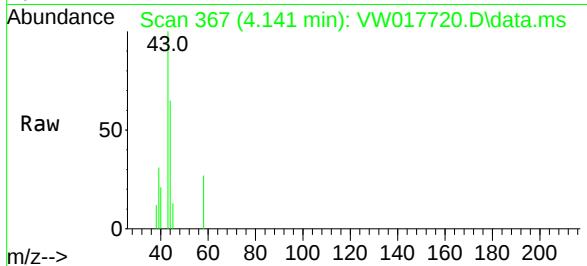




#16
Acetone
Concen: 1.21 ug/l
RT: 4.141 min Scan# 367
Delta R.T. 0.012 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

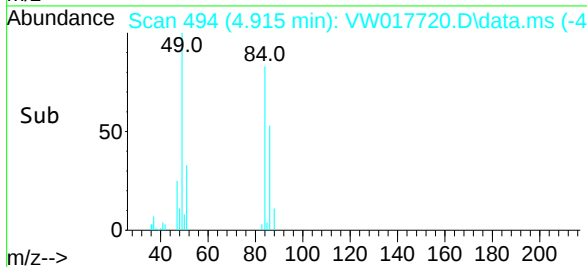
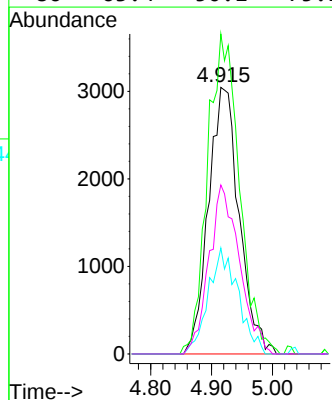
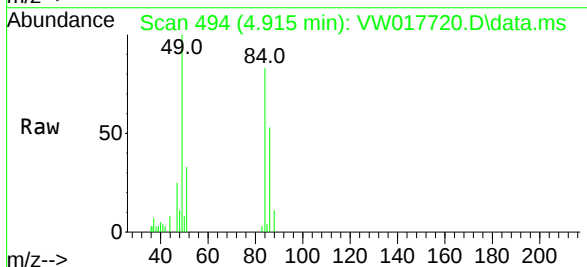
Instrument :
MSVOA_W
ClientSampleId :
BIN-4-122320

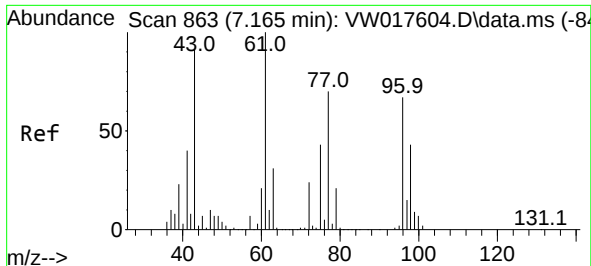
Tgt Ion: 43 Resp: 648
Ion Ratio Lower Upper
43 100
58 16.2 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Tgt Ion: 84 Resp: 10649
Ion Ratio Lower Upper
84 100
49 120.0 79.0 118.6#
51 39.7 26.1 39.1#
86 63.4 50.1 75.1

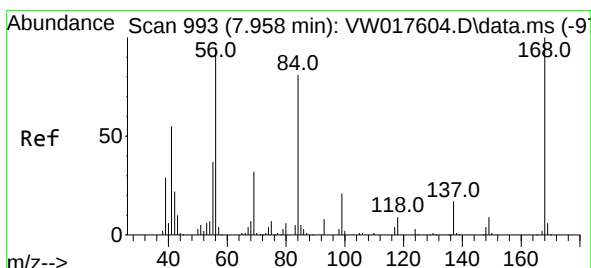
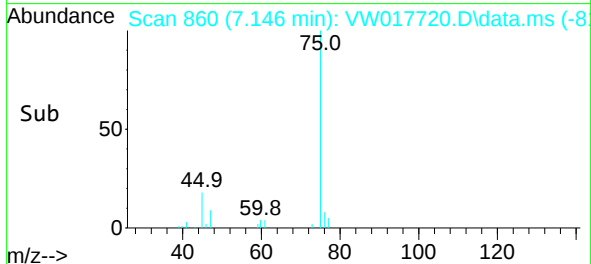
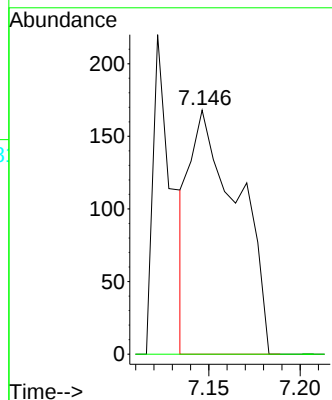
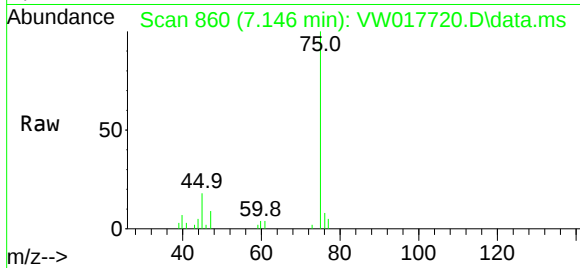




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.146 min Scan# 860
Delta R.T. -0.019 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

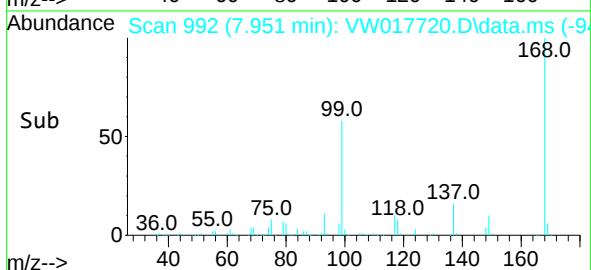
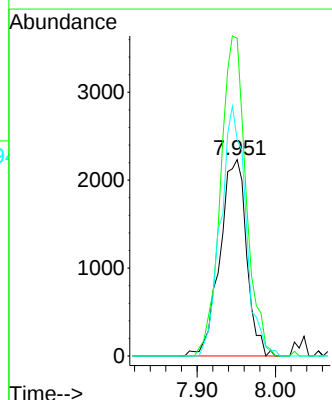
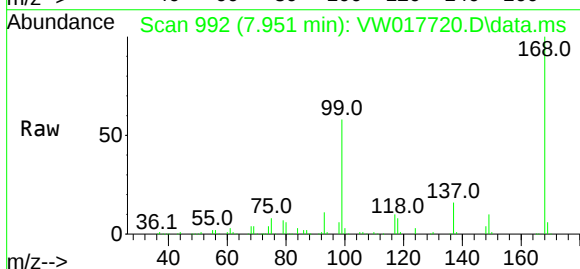
Instrument :
MSVOA_W
ClientSampled :
BIN-4-122320

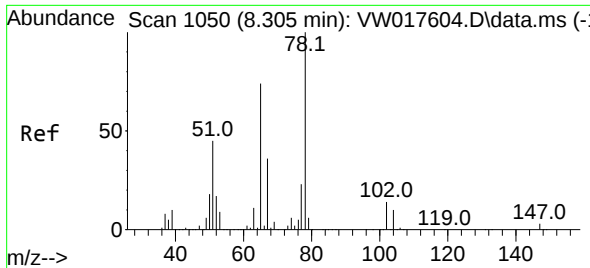
Tgt Ion: 77 Resp: 309
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.007 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Tgt Ion: 56 Resp: 5261
Ion Ratio Lower Upper
56 100
69 161.9 29.3 43.9#
84 110.2 80.5 120.7

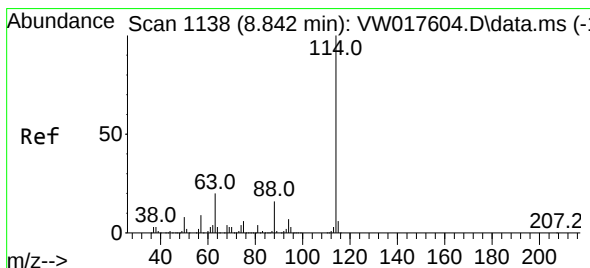
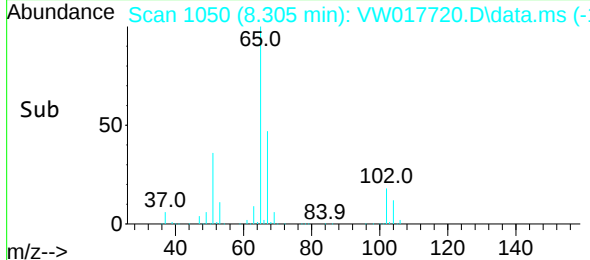
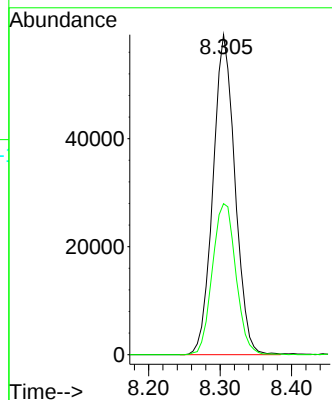
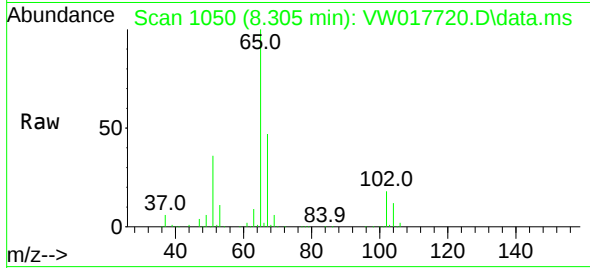




#33
 1,2-Dichloroethane-d4
 Concen: 51.38 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW017720.D
 Acq: 23 Dec 2020 18:37

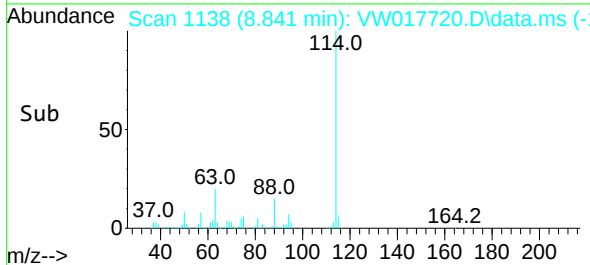
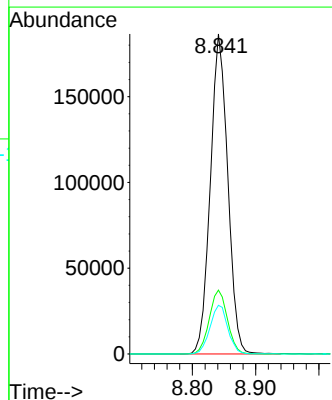
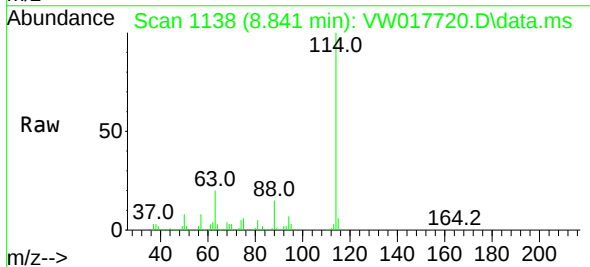
Instrument :
 MSVOA_W
 ClientSampleId :
 BIN-4-122320

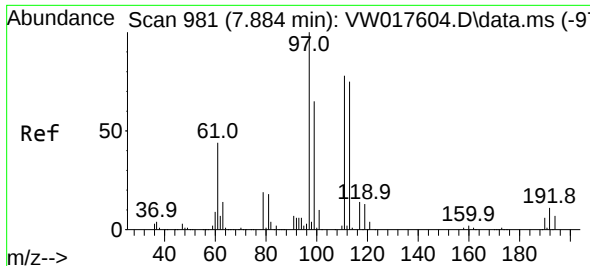
Tgt Ion: 65 Resp: 126644
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.841 min Scan# 1138
 Delta R.T. -0.001 min
 Lab File: VW017720.D
 Acq: 23 Dec 2020 18:37

Tgt Ion: 114 Resp: 356521
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 35.6
 88 15.2 0.0 30.4

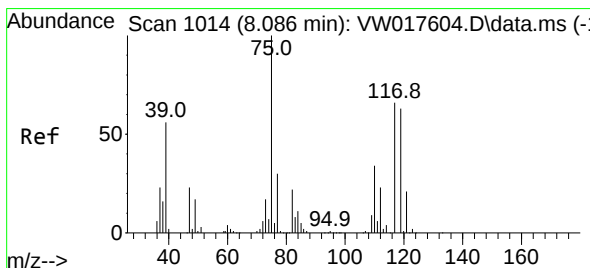
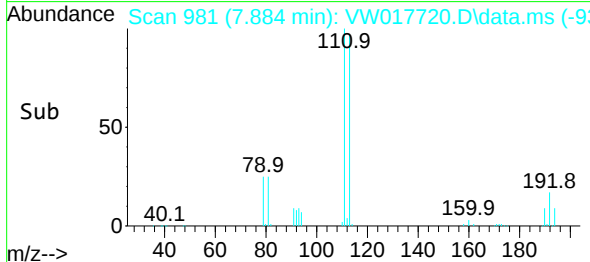
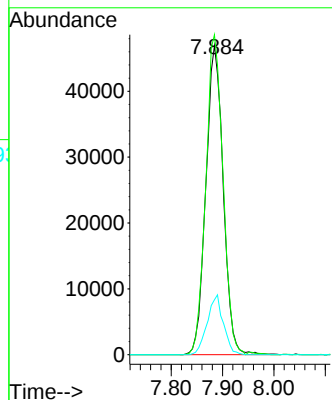
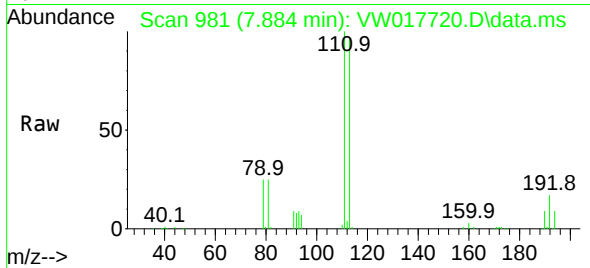




#35
Dibromofluoromethane
Concen: 46.63 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

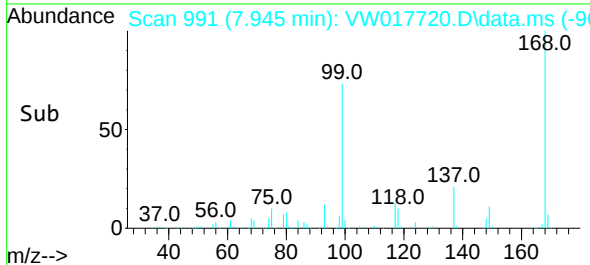
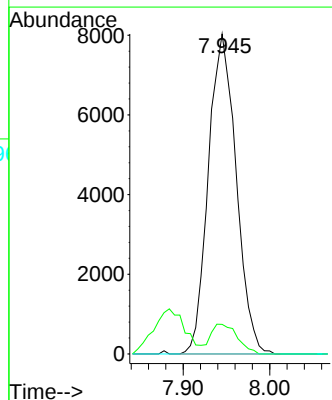
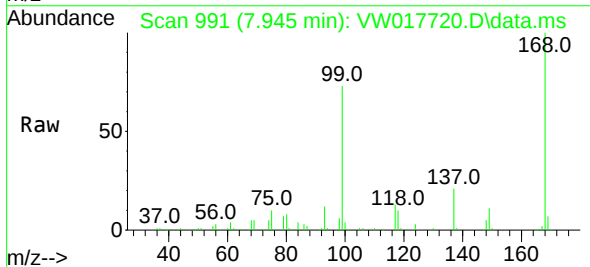
Instrument :
MSVOA_W
ClientSampleId :
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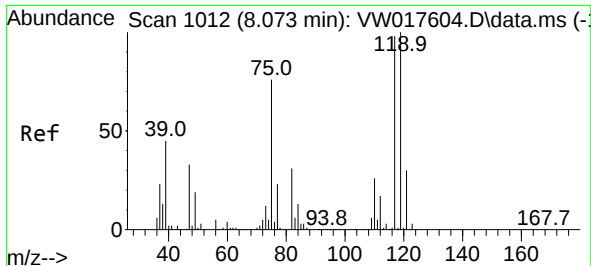
Tgt Ion:113 Resp: 110023
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.2
192 18.0 17.8 26.8



#36
1,1-Dichloropropene
Concen: 4.80 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

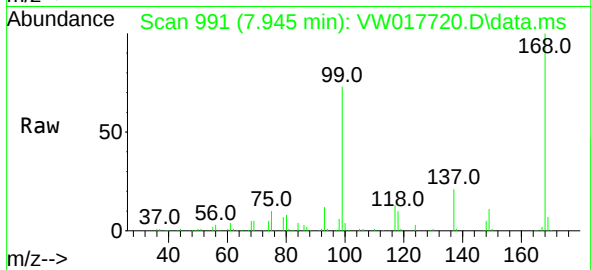
Tgt Ion: 75 Resp: 17913
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 25.0 37.6#



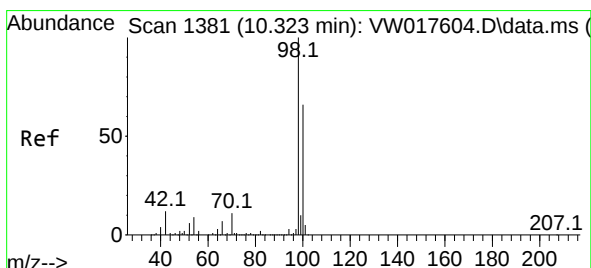
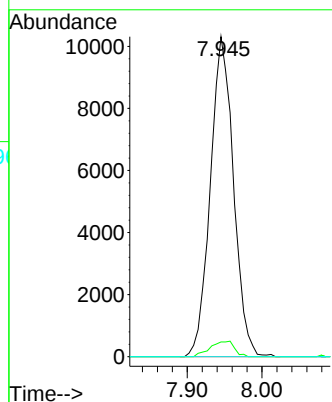
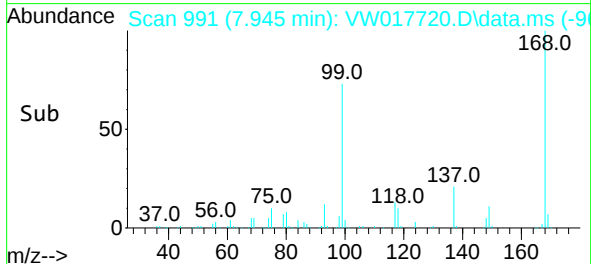


#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

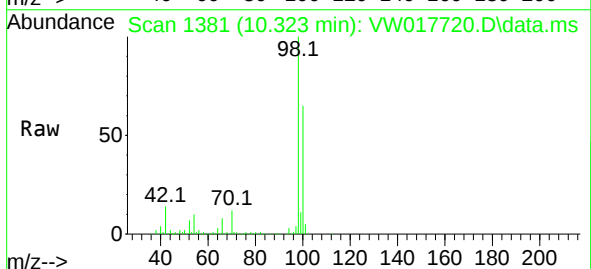
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ClientSampleId :
BIN-4-122320



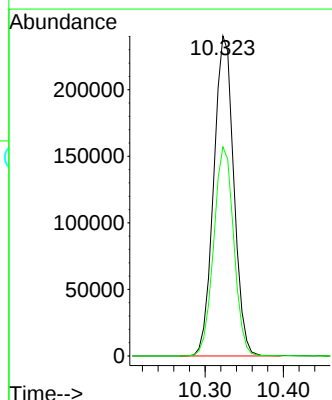
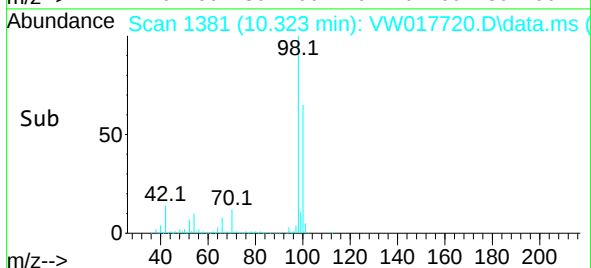
Tgt Ion: 117 Resp: 22207
Ion Ratio Lower Upper
117 100
119 4.6 81.6 122.4#
121 0.0 25.7 38.5#

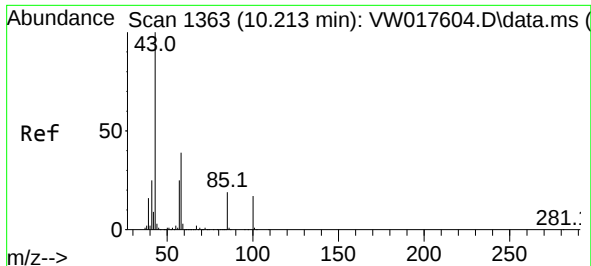


#50
Toluene-d8
Concen: 46.62 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37



Tgt Ion: 98 Resp: 428245
Ion Ratio Lower Upper
98 100
100 65.1 53.3 79.9

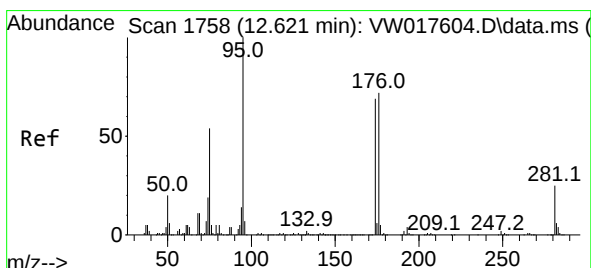
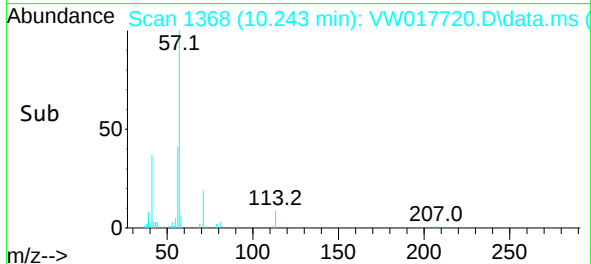
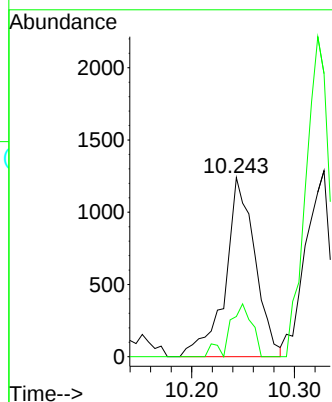
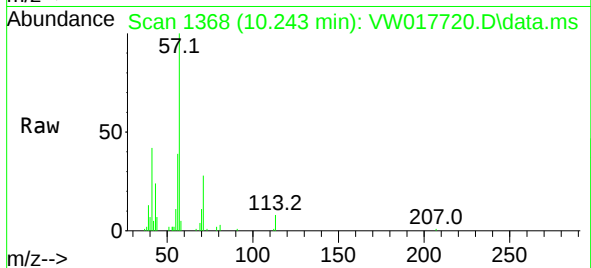




#51
4-Methyl-2-Pentanone
Concen: 1.71 ug/l
RT: 10.243 min Scan# 1368
Delta R.T. 0.030 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

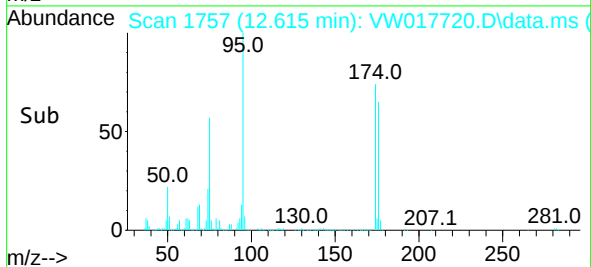
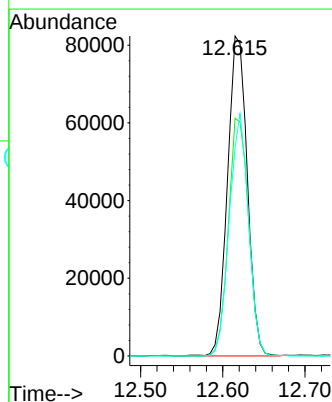
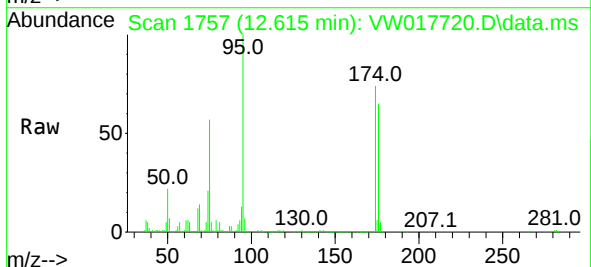
Instrument :
MSVOA_W
ClientSampleId :
BIN-4-122320

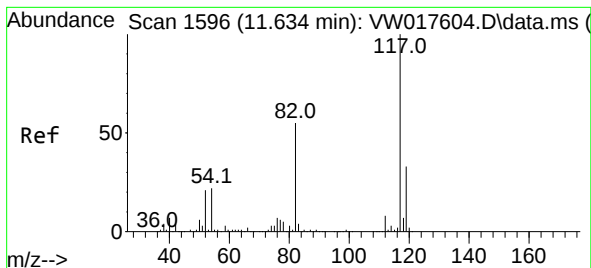
Tgt Ion: 43 Resp: 2496
Ion Ratio Lower Upper
43 100
58 22.4 34.7 52.1#



#62
4-Bromofluorobenzene
Concen: 41.99 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Tgt Ion: 95 Resp: 137720
Ion Ratio Lower Upper
95 100
174 75.7 0.0 180.6
176 73.1 0.0 177.6

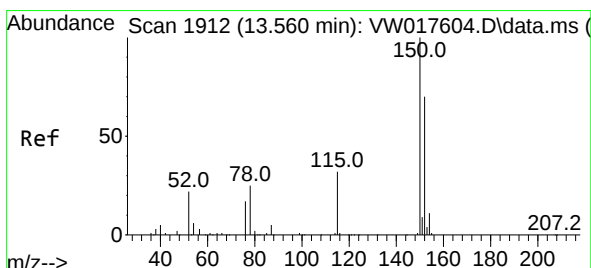
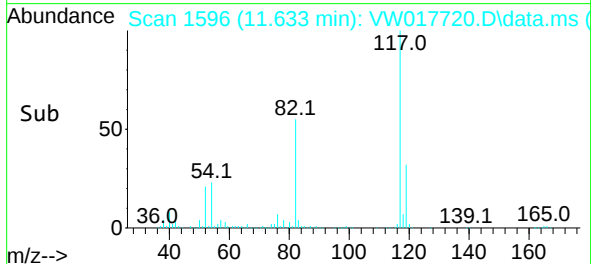
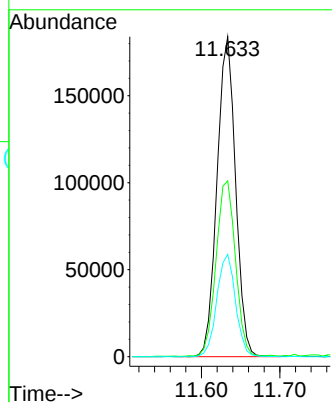
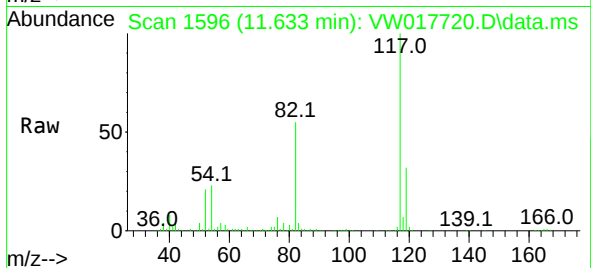




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.633 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

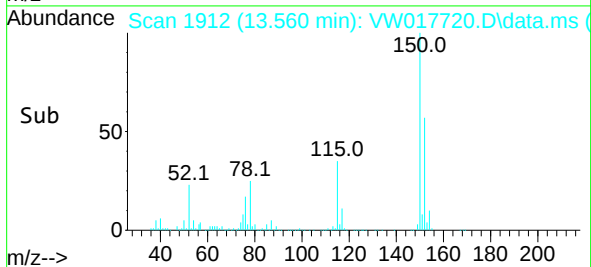
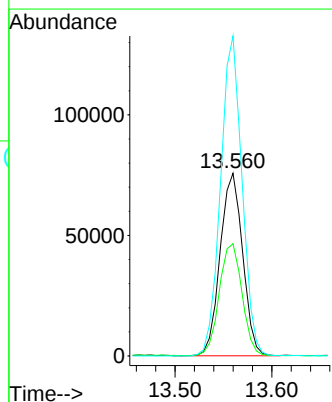
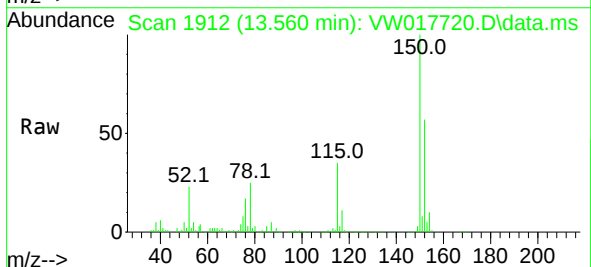
Instrument :
MSVOA_W
ClientSampleId :
BIN-4-122320

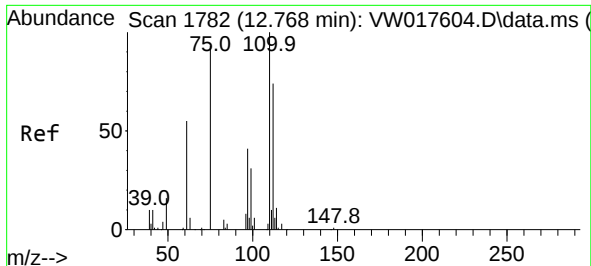
Tgt Ion:117 Resp: 302987
Ion Ratio Lower Upper
117 100
82 54.9 40.7 61.1
119 32.0 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Tgt Ion:152 Resp: 122206
Ion Ratio Lower Upper
152 100
115 62.2 27.9 83.7
150 166.9 0.0 344.0

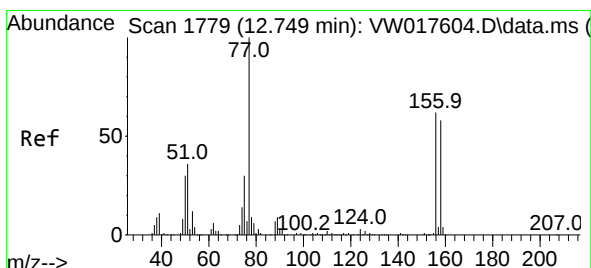
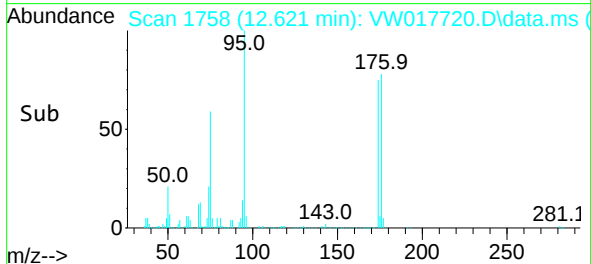
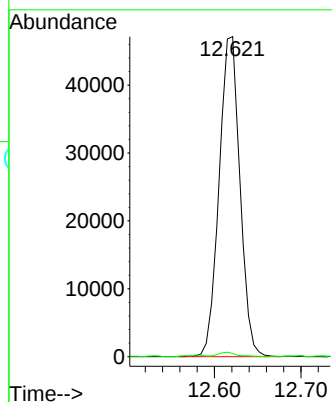
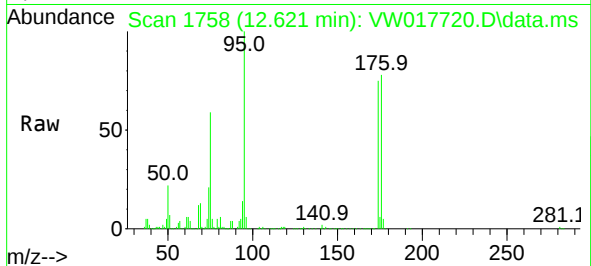




#76
1,2,3-Trichloropropane
Concen: 67.05 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. -0.147 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

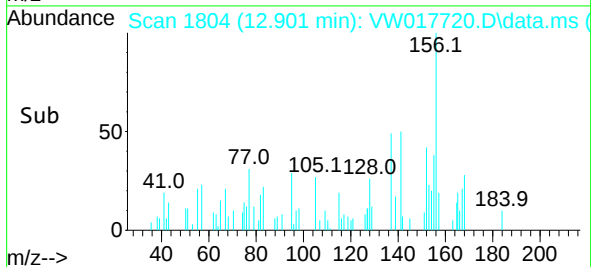
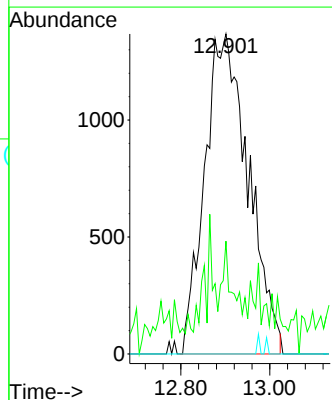
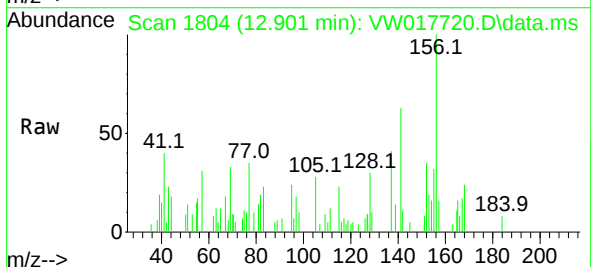
Instrument :
MSVOA_W
ClientSampleId :
BIN-4-122320

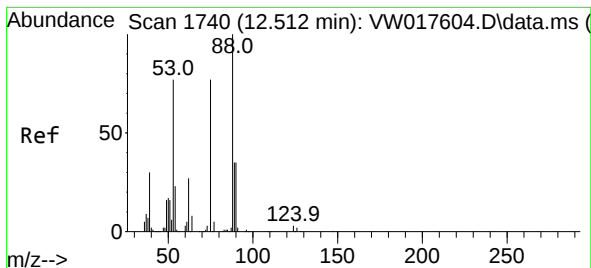
Tgt Ion: 75 Resp: 78872
Ion Ratio Lower Upper
75 100
77 1.3 178.8 536.3#



#77
Bromobenzene
Concen: 4.51 ug/l
RT: 12.901 min Scan# 1804
Delta R.T. 0.152 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Tgt Ion:156 Resp: 9330
Ion Ratio Lower Upper
156 100
77 4.1 79.0 237.2#
158 0.0 47.0 141.2#

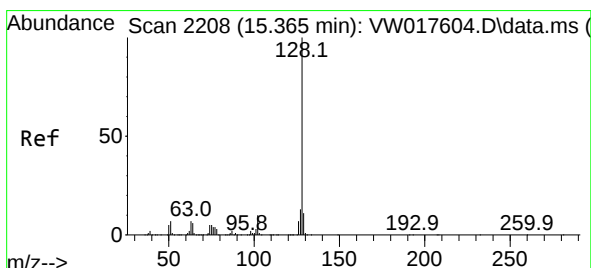
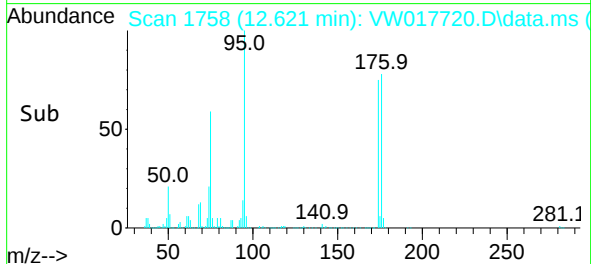
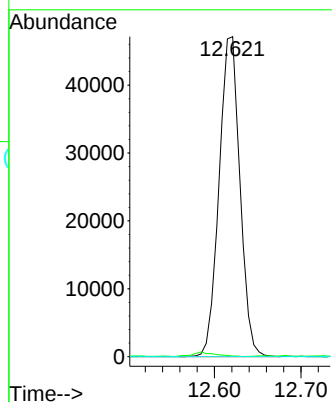
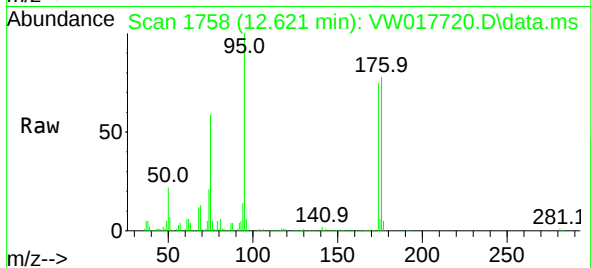




#81
trans-1,4-Dichloro-2-butene
Concen: 135.84 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.109 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Instrument :
MSVOA_W
ClientSampleId :
BIN-4-122320

Tgt Ion: 75 Resp: 78872
Ion Ratio Lower Upper
75 100
53 0.0 77.0 115.4#
89 0.0 38.7 58.1#



#95
Naphthalene
Concen: 7.16 ug/l
RT: 15.371 min Scan# 2209
Delta R.T. 0.005 min
Lab File: VW017720.D
Acq: 23 Dec 2020 18:37

Tgt Ion:128 Resp: 34369
Ion Ratio Lower Upper
128 100
127 14.2 10.4 15.6
129 12.0 8.6 12.8

