

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
 Data File : VW017723.D
 Acq On : 23 Dec 2020 19:53
 Operator : SY/VA
 Sample : L5207-01
 Misc : 5.67G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SP-1

Quant Time: Dec 24 01:40:42 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)

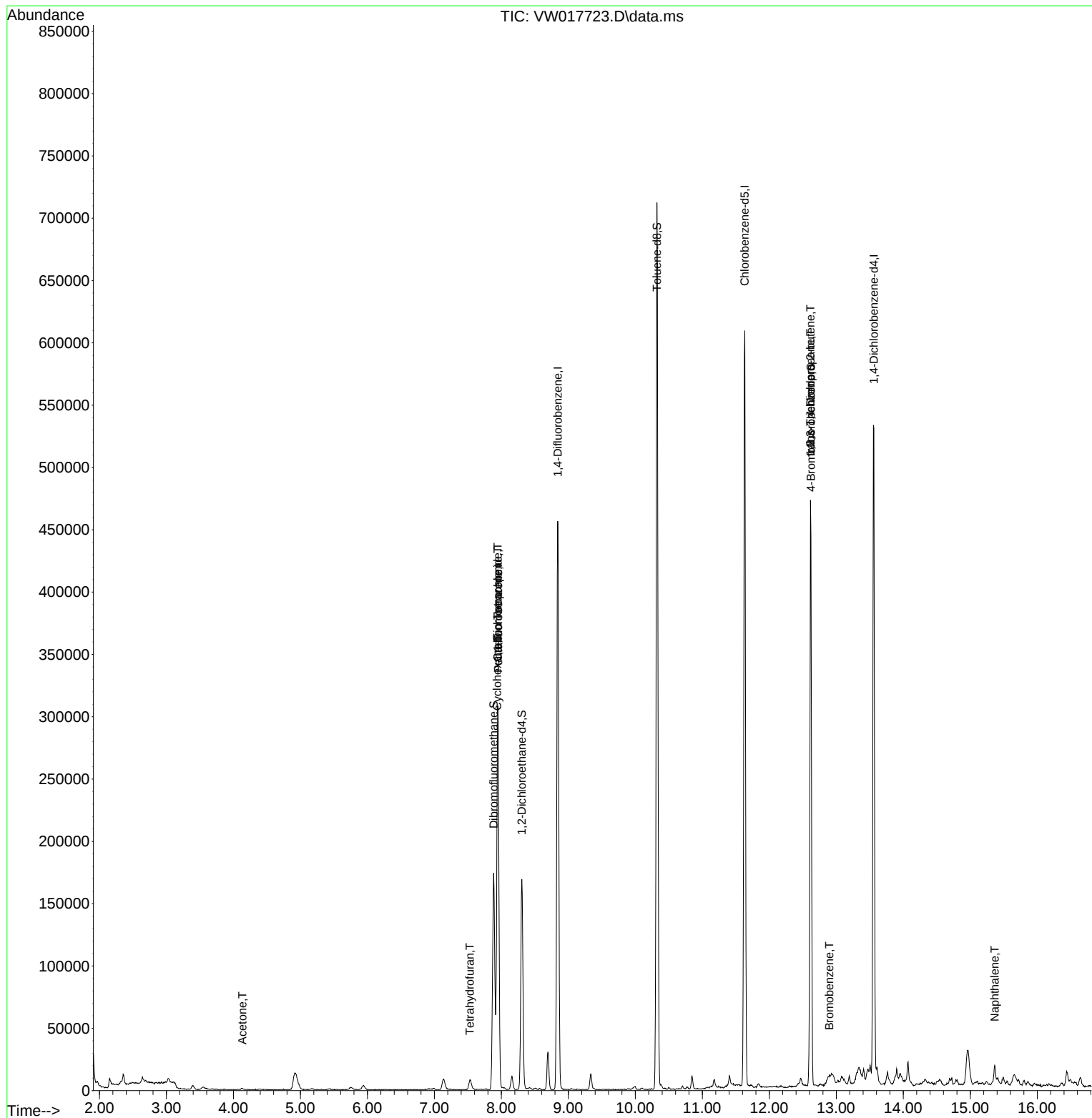
Internal Standards						
1) Pentafluorobenzene	7.951	168	217647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	378723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	326871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	126069	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	133834	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.884	113	118956	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
50) Toluene-d8	10.323	98	462358	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
62) 4-Bromofluorobenzene	12.621	95	145192	41.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.36%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.165	59	370	Below Cal	#	92
16) Acetone	4.135	43	1939	3.36	ug/l #	82
20) Methylene Chloride	4.921	84	10776	Below Cal	#	86
26) 2,2-Dichloropropane	7.146	77	709	Below Cal	#	50
29) Tetrahydrofuran	7.531	42	6650	15.39	ug/l #	59
31) Cyclohexane	7.939	56	7456	1.63	ug/l #	39
36) 1,1-Dichloropropene	7.945	75	19105	4.82	ug/l #	48
38) Carbon Tetrachloride	7.945	117	23455	5.89	ug/l #	13
76) 1,2,3-Trichloropropane	12.615	75	81254	66.95	ug/l #	1
77) Bromobenzene	12.895	156	5110	2.39	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	81254	135.66	ug/l #	11
95) Naphthalene	15.365	128	11555	2.33	ug/l	98

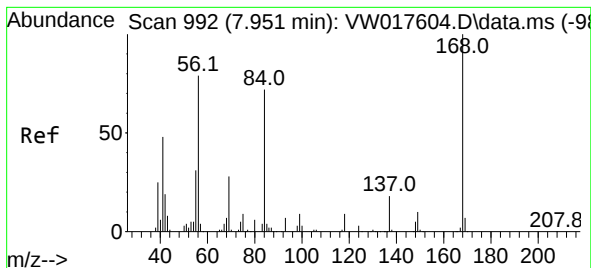
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122320\
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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

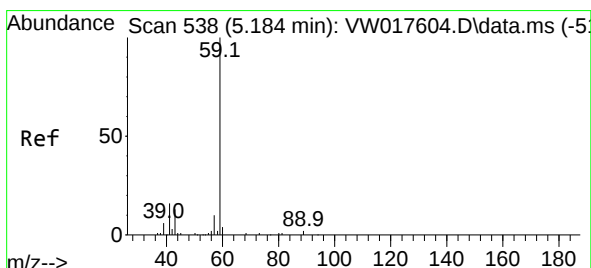
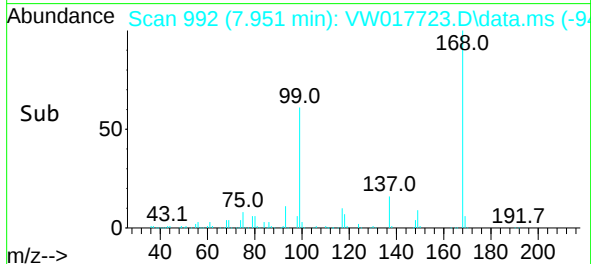
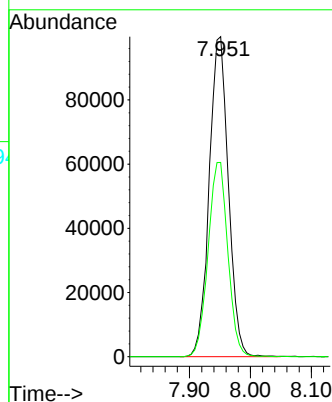
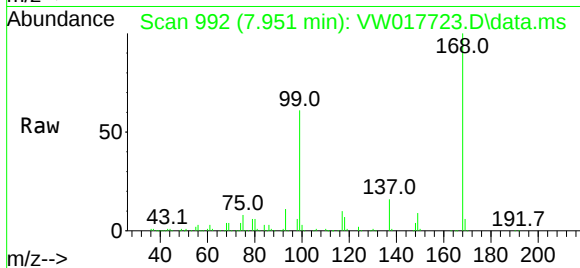




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

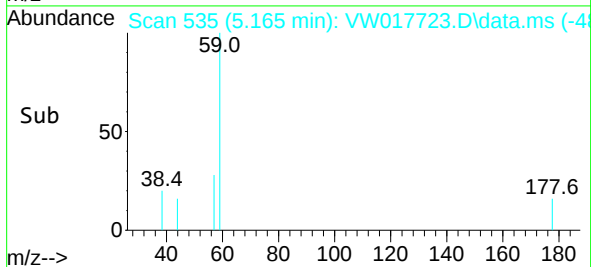
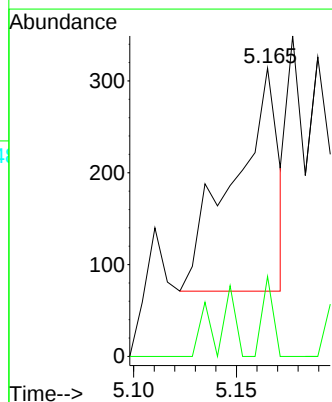
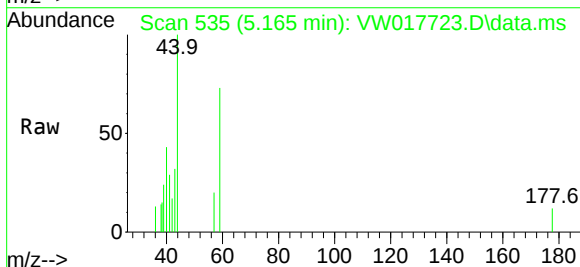
Instrument :
MSVOA_W
ClientSampled :
SP-1

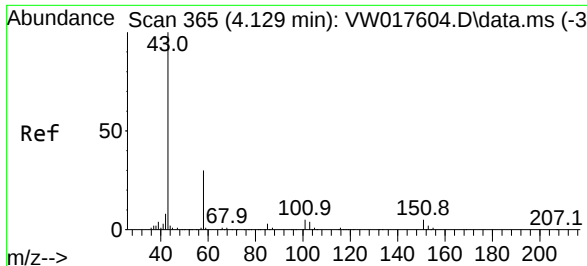
Tgt Ion:168 Resp: 217647
Ion Ratio Lower Upper
168 100
99 60.7 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.165 min Scan# 535
Delta R.T. -0.019 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion: 59 Resp: 370
Ion Ratio Lower Upper
59 100
57 8.6 4.7 7.1#

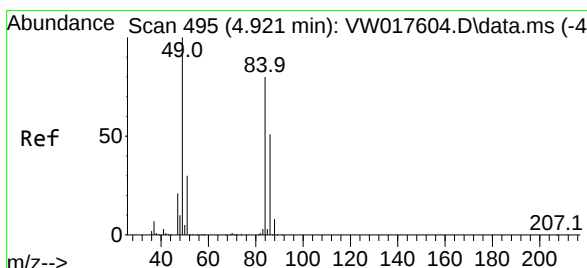
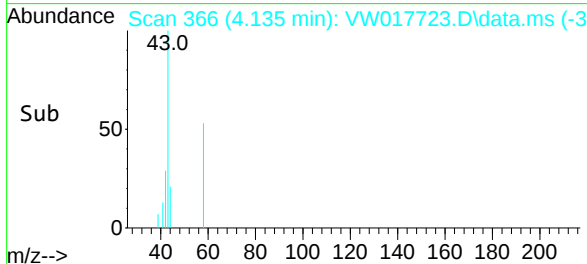
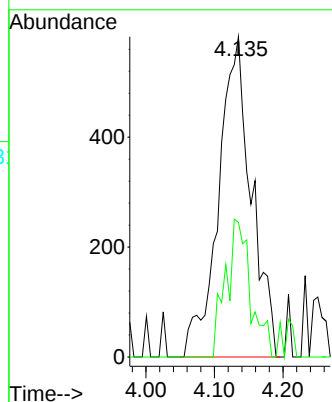
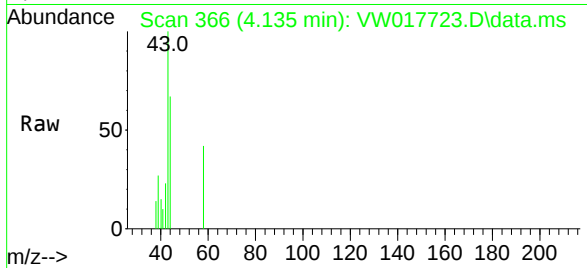




#16
Acetone
Concen: 3.36 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

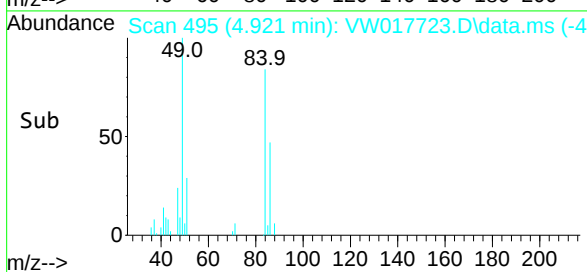
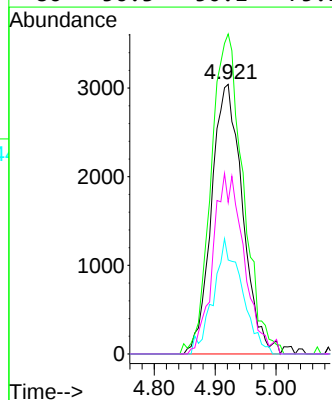
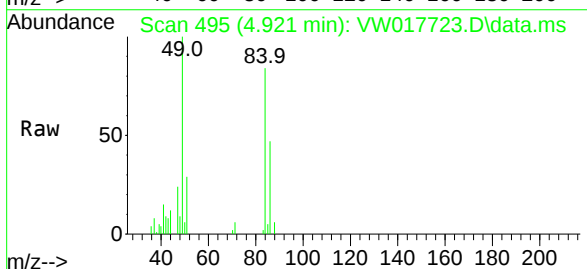
Instrument :
MSVOA_W
ClientSampled :
SP-1

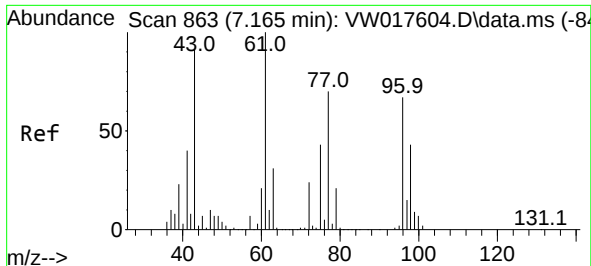
Tgt Ion: 43 Resp: 1939
Ion Ratio Lower Upper
43 100
58 42.0 25.7 38.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion: 84 Resp: 10776
Ion Ratio Lower Upper
84 100
49 118.7 79.0 118.6#
51 34.9 26.1 39.1
86 56.3 50.1 75.1

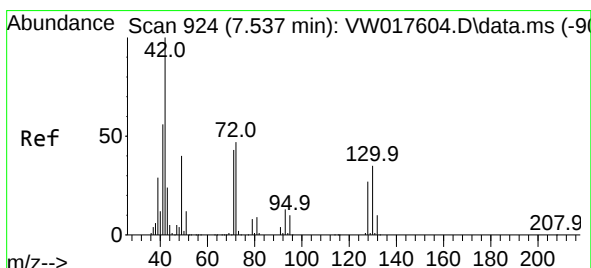
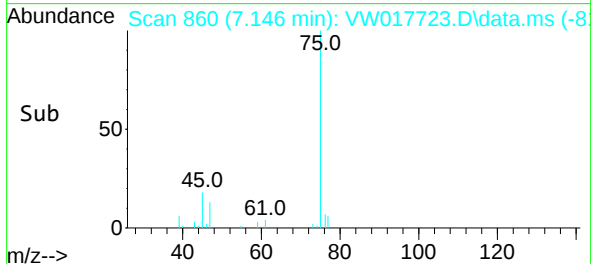
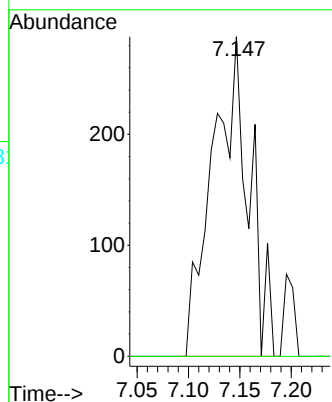
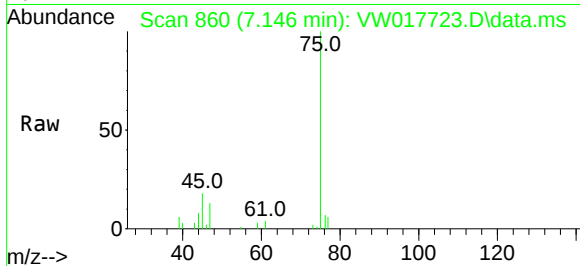




#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.146 min Scan# 860
Delta R.T. -0.019 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

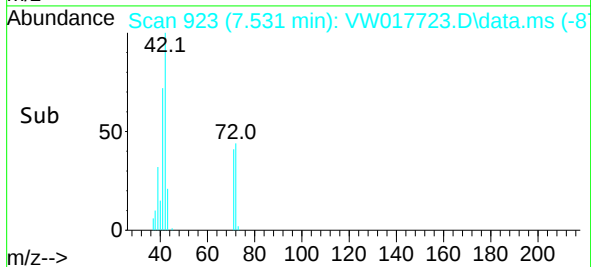
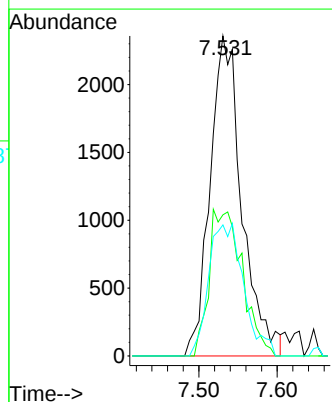
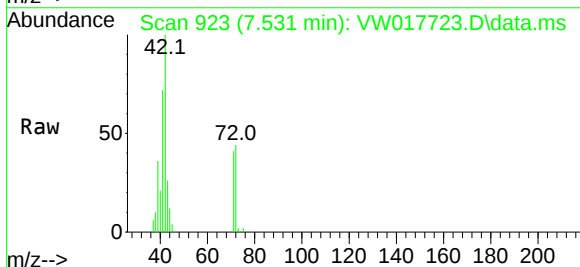
Instrument :
MSVOA_W
ClientSampled :
SP-1

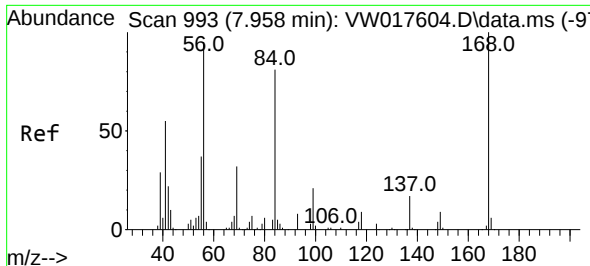
Tgt Ion: 77 Resp: 709
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#



#29
Tetrahydrofuran
Concen: 15.39 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion: 42 Resp: 6650
Ion Ratio Lower Upper
42 100
72 0.0 42.0 63.0#
71 45.2 39.0 58.6

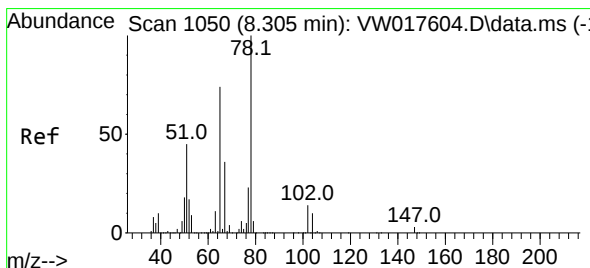
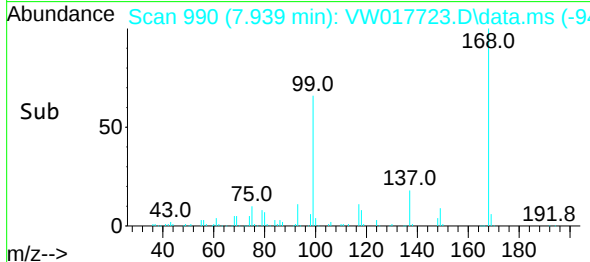
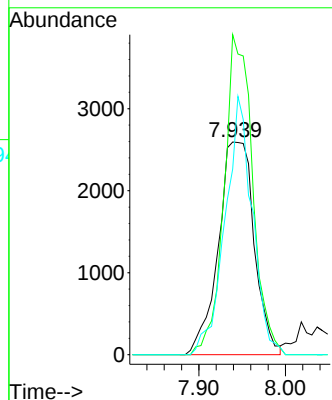
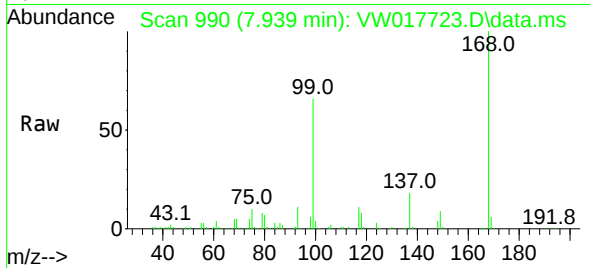




#31
Cyclohexane
Concen: 1.63 ug/l
RT: 7.939 min Scan# 990
Delta R.T. -0.019 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

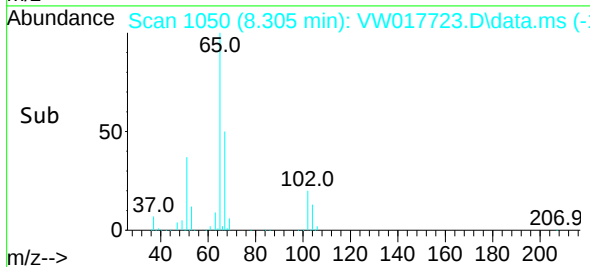
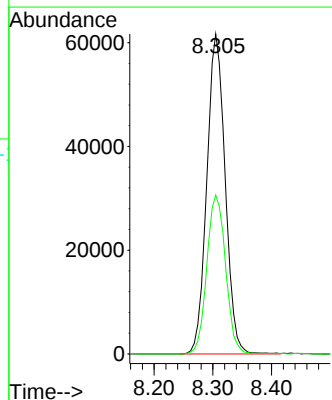
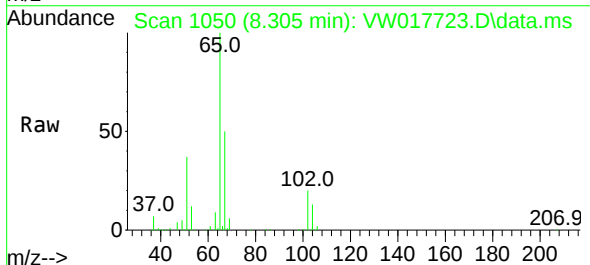
Instrument :
MSVOA_W
ClientSampleId :
SP-1

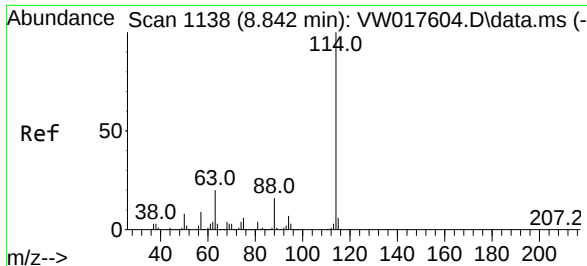
Tgt Ion: 56 Resp: 7456
Ion Ratio Lower Upper
56 100
69 150.5 29.3 43.9#
84 87.3 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 50.48 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

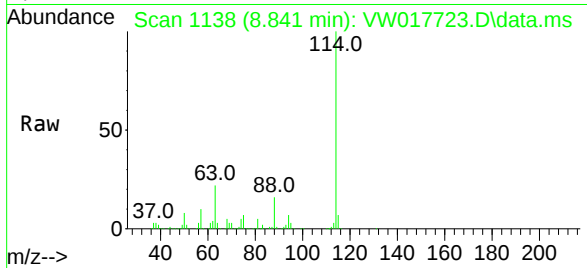
Tgt Ion: 65 Resp: 133834
Ion Ratio Lower Upper
65 100
67 50.8 0.0 103.8



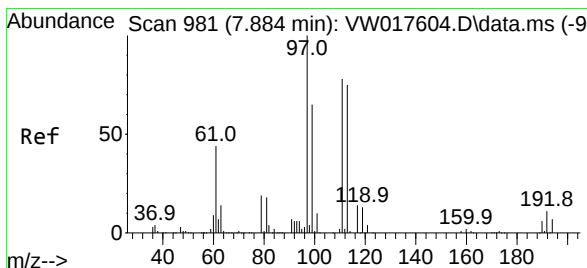
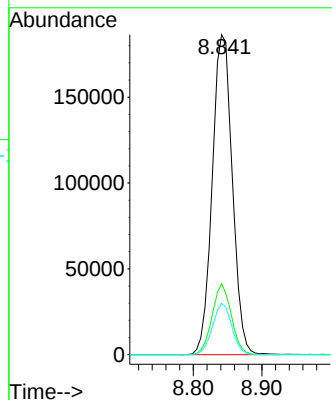
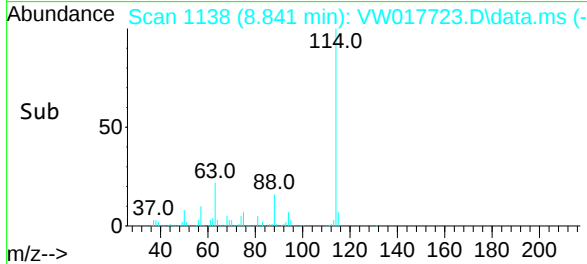


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Instrument :
MSVOA_W
ClientSampleId :
SP-1

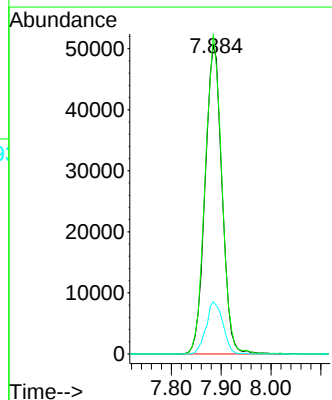
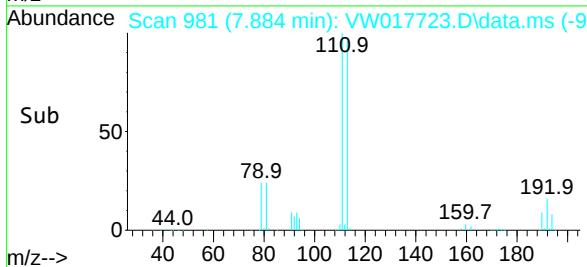
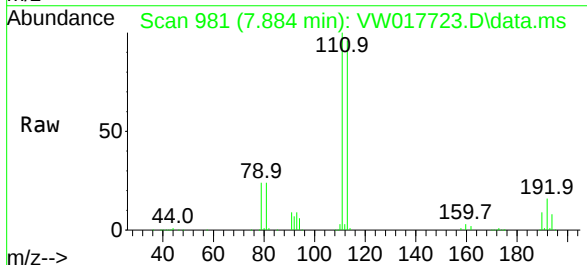


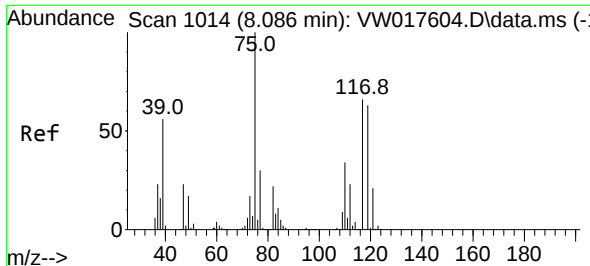
Tgt Ion:114 Resp: 378723
Ion Ratio Lower Upper
114 100
63 22.2 0.0 35.6
88 16.1 0.0 30.4



#35
Dibromofluoromethane
Concen: 47.46 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion:113 Resp: 118956
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.2
192 16.9 17.8 26.8#

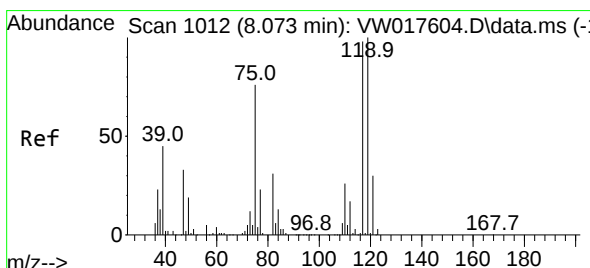
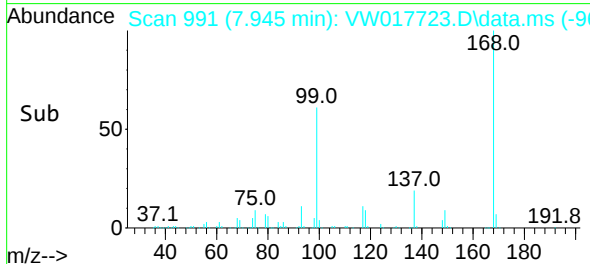
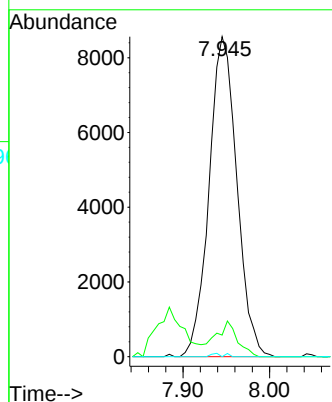
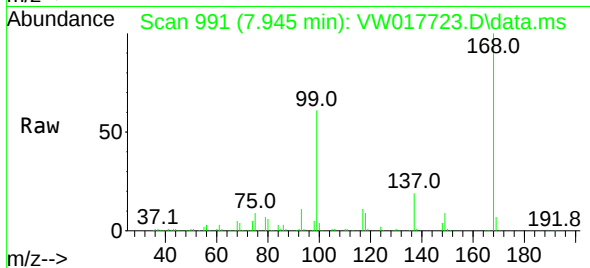




#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.141 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

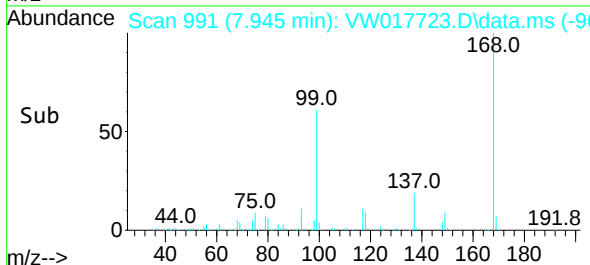
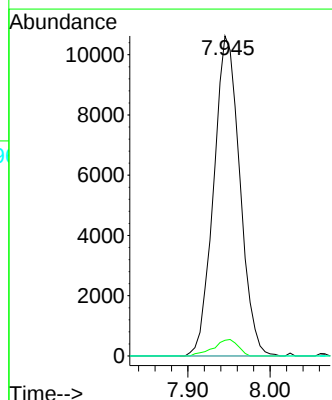
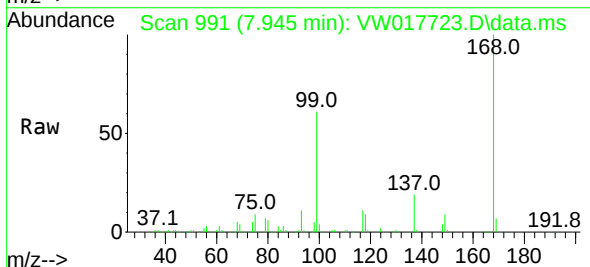
Instrument :
MSVOA_W
ClientSampled :
SP-1

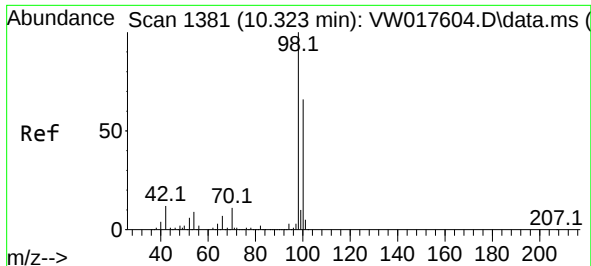
Tgt Ion: 75 Resp: 19105
Ion Ratio Lower Upper
75 100
110 8.9 19.3 57.9#
77 0.5 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.89 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.128 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion: 117 Resp: 23455
Ion Ratio Lower Upper
117 100
119 4.9 81.6 122.4#
121 0.0 25.7 38.5#

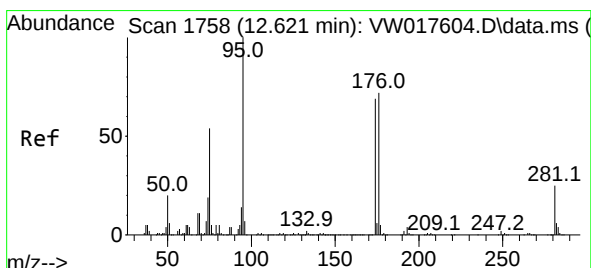
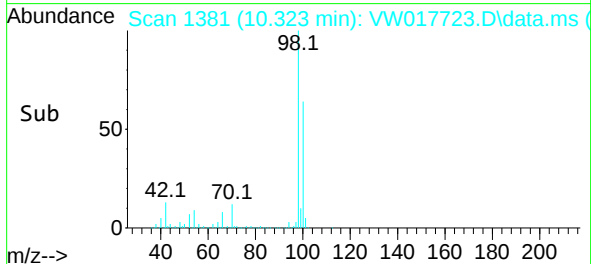
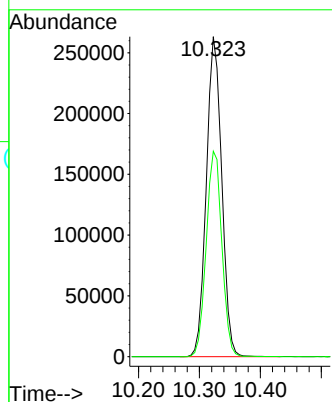
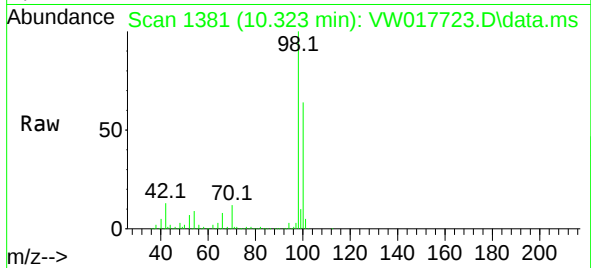




#50
Toluene-d8
Concen: 47.38 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

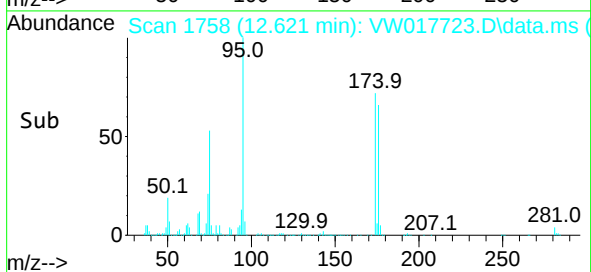
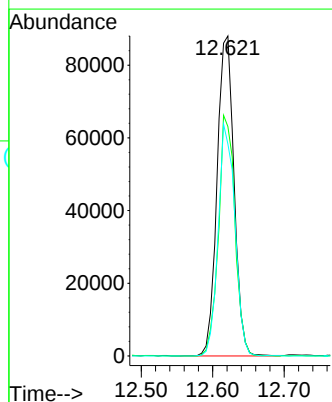
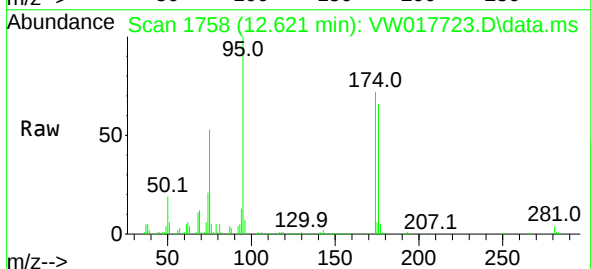
Instrument :
MSVOA_W
ClientSampled :
SP-1

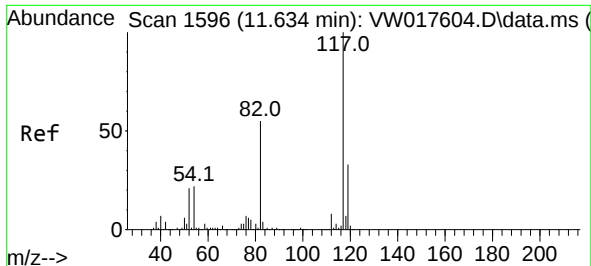
Tgt Ion: 98 Resp: 462358
Ion Ratio Lower Upper
98 100
100 65.2 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 41.68 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion: 95 Resp: 145192
Ion Ratio Lower Upper
95 100
174 73.0 0.0 180.6
176 71.2 0.0 177.6

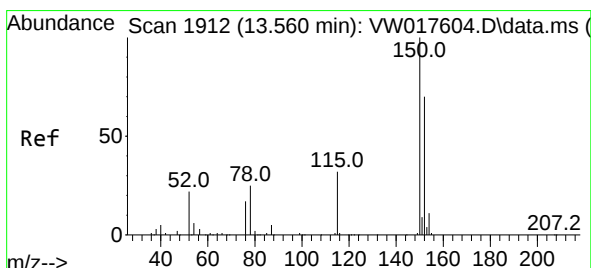
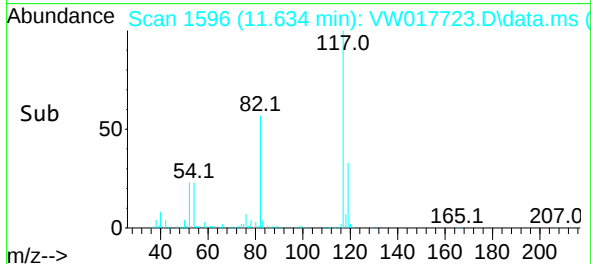
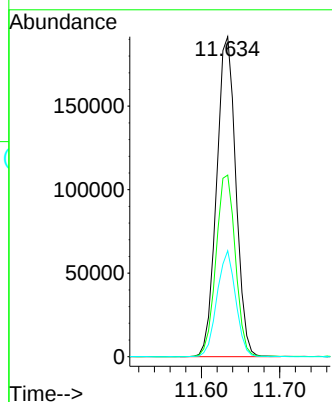
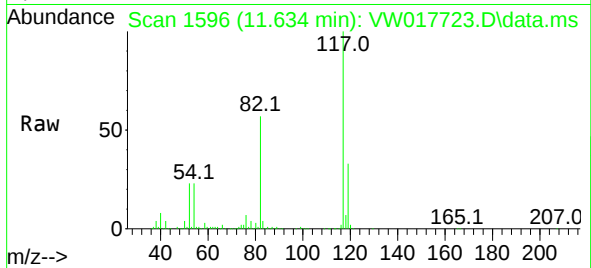




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.001 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

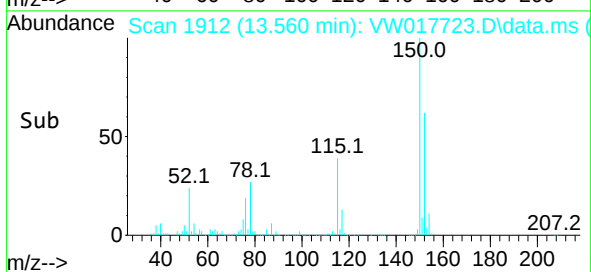
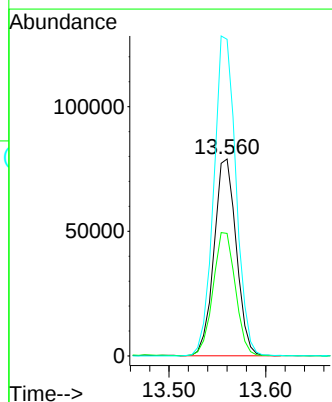
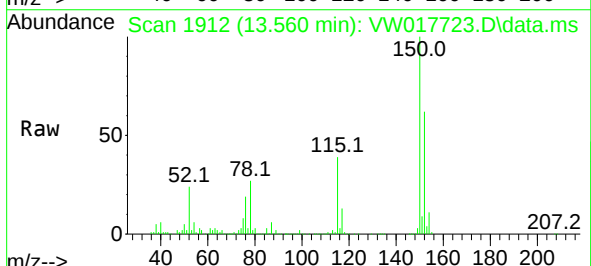
Instrument :
MSVOA_W
ClientSampleId :
SP-1

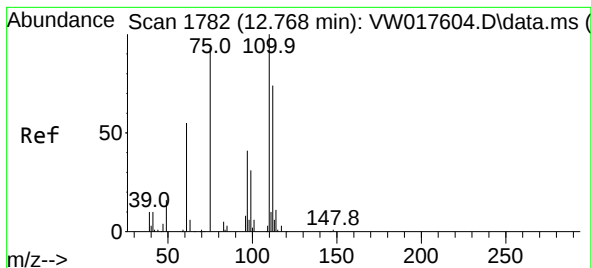
Tgt Ion:117 Resp: 326871
Ion Ratio Lower Upper
117 100
82 56.7 40.7 61.1
119 33.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion:152 Resp: 126069
Ion Ratio Lower Upper
152 100
115 63.6 27.9 83.7
150 162.7 0.0 344.0

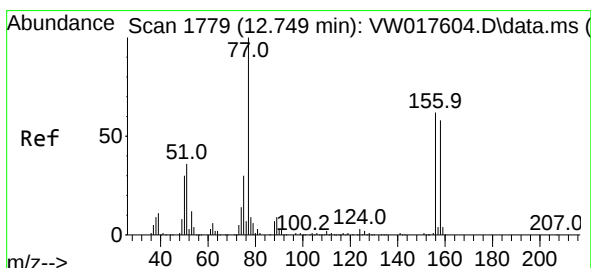
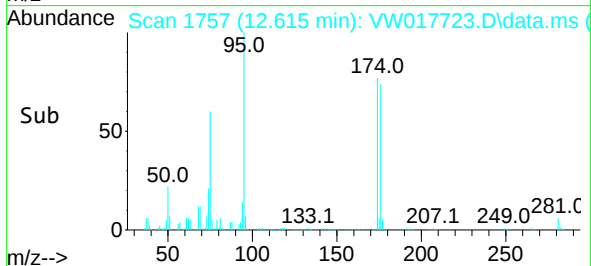
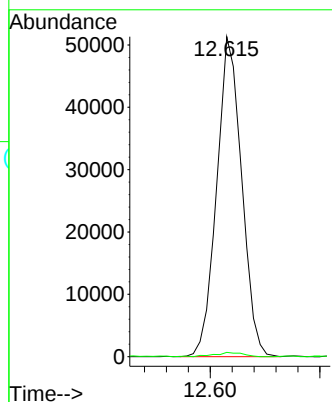
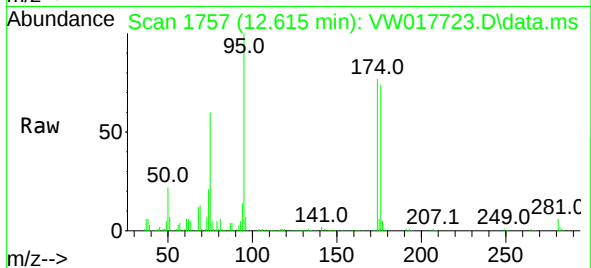




#76
1,2,3-Trichloropropane
Concen: 66.95 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

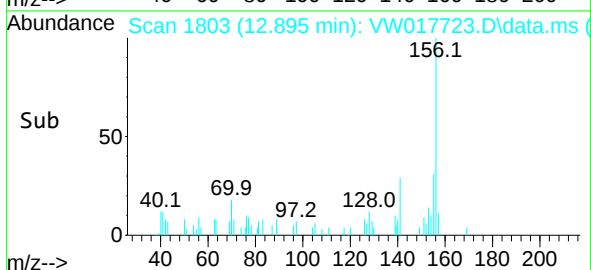
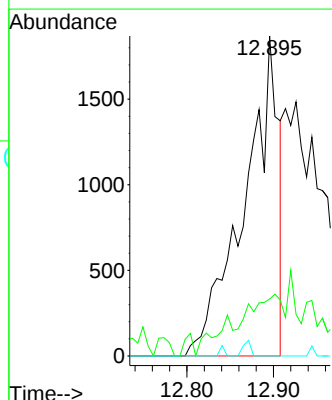
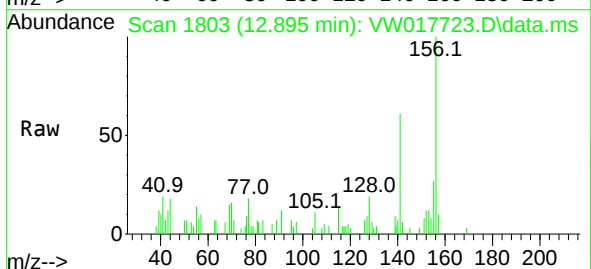
Instrument :
MSVOA_W
ClientSampled :
SP-1

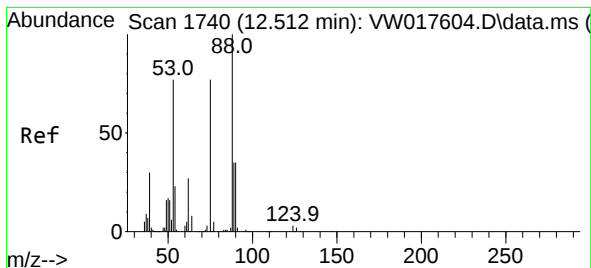
Tgt Ion: 75 Resp: 81254
Ion Ratio Lower Upper
75 100
77 1.5 178.8 536.3#



#77
Bromobenzene
Concen: 2.39 ug/l
RT: 12.895 min Scan# 1803
Delta R.T. 0.146 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion: 156 Resp: 5110
Ion Ratio Lower Upper
156 100
77 11.8 79.0 237.2#
158 0.0 47.0 141.2#

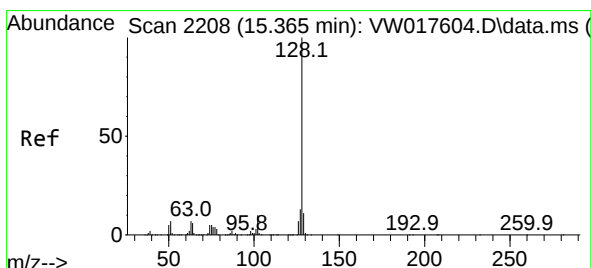
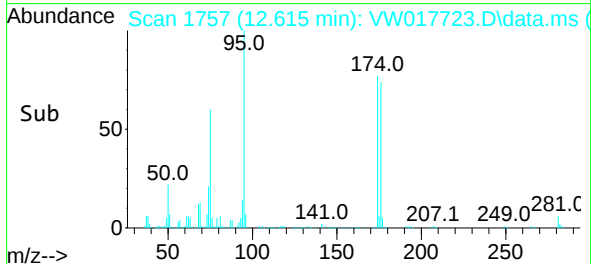
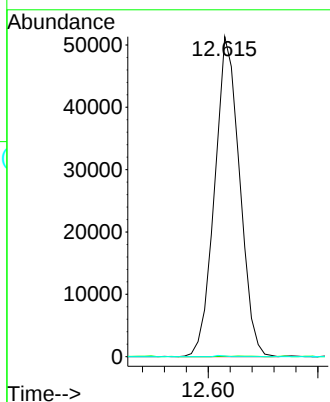
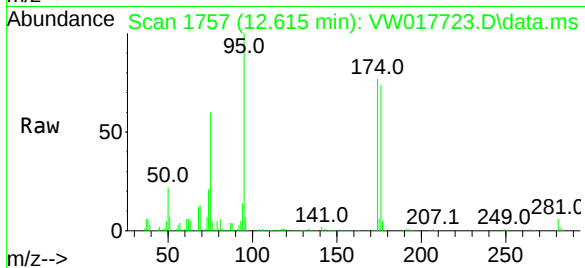




#81
trans-1,4-Dichloro-2-butene
Concen: 135.66 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Instrument :
MSVOA_W
ClientSampleId :
SP-1

Tgt Ion: 75 Resp: 81254
Ion Ratio Lower Upper
75 100
53 0.2 77.0 115.4#
89 0.1 38.7 58.1#



#95
Naphthalene
Concen: 2.33 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017723.D
Acq: 23 Dec 2020 19:53

Tgt Ion: 128 Resp: 11555
Ion Ratio Lower Upper
128 100
127 12.3 10.4 15.6
129 11.7 8.6 12.8

