

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121820\
 Data File : VW017674.D
 Acq On : 18 Dec 2020 14:21
 Operator : SY/VA
 Sample : L5119-01
 Misc : 6.16G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 19 00:12:15 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)

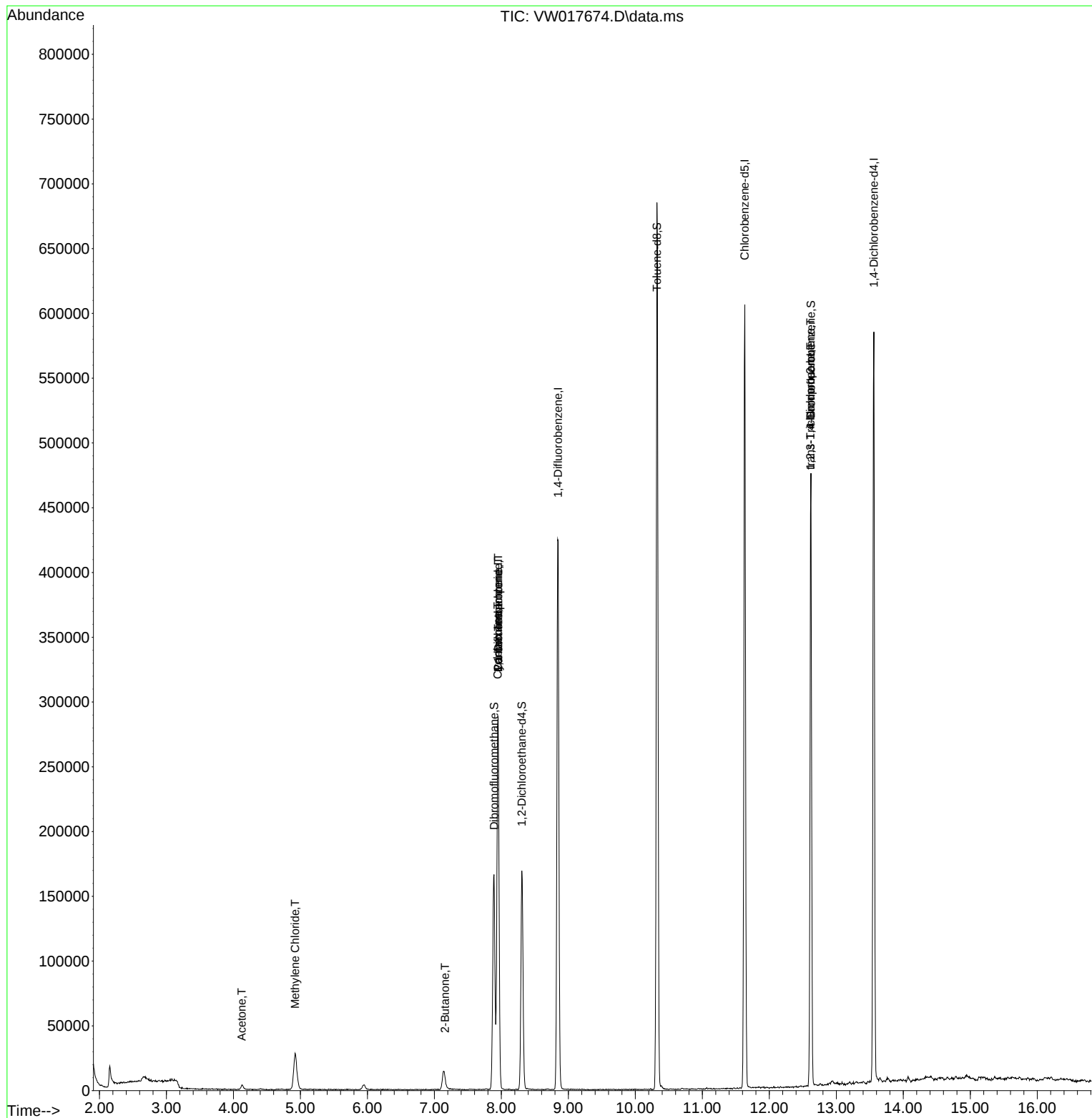
Internal Standards						
1) Pentafluorobenzene	7.951	168	203186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.847	114	356676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	312704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	139910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	133110	53.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.56%	
35) Dibromofluoromethane	7.890	113	114007	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	10.323	98	439237	47.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.60%	
62) 4-Bromofluorobenzene	12.621	95	145938	44.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.96%	
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.171	59	64	Below Cal	#	82
16) Acetone	4.123	43	6033	11.20	ug/l #	87
20) Methylene Chloride	4.921	84	21427	4.18	ug/l #	79
25) 2-Butanone	7.159	43	728	1.02	ug/l #	43
26) 2,2-Dichloropropane	7.140	77	1389	Below Cal	#	50
31) Cyclohexane	7.945	56	5708	1.34	ug/l #	42
36) 1,1-Dichloropropene	7.951	75	18078	4.84	ug/l #	48
38) Carbon Tetrachloride	7.951	117	21859	5.82	ug/l #	12
76) 1,2,3-Trichloropropane	12.615	75	83709	62.15	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.615	75	83709	125.93	ug/l #	11

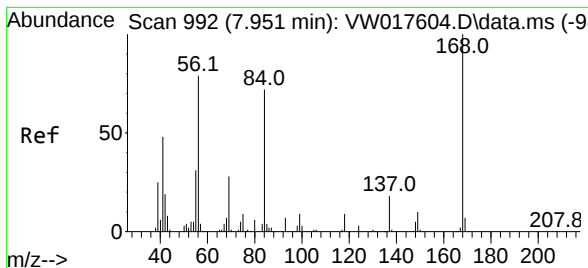
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 00:12:15 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

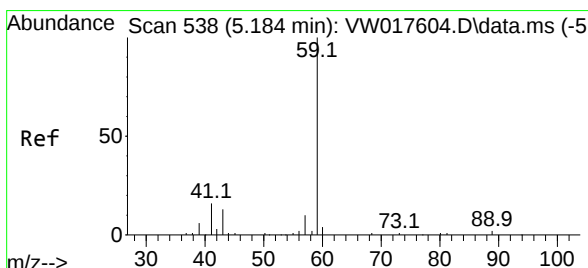
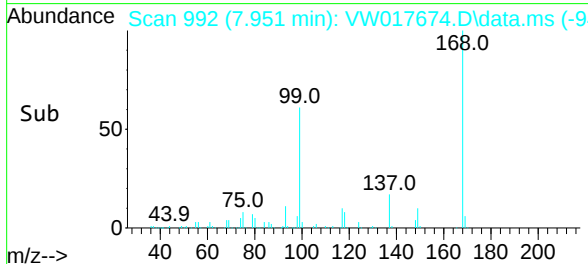
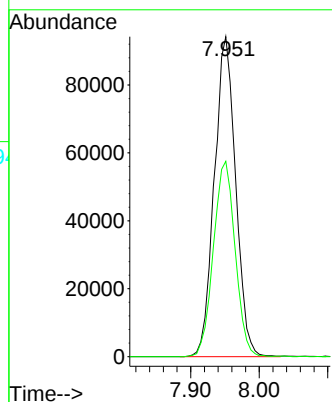
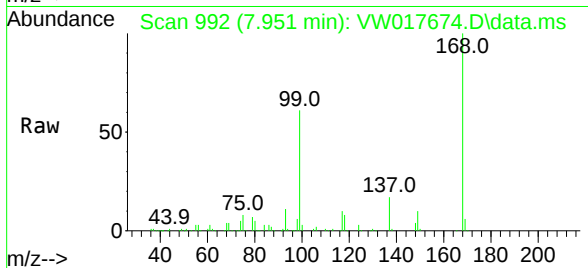




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

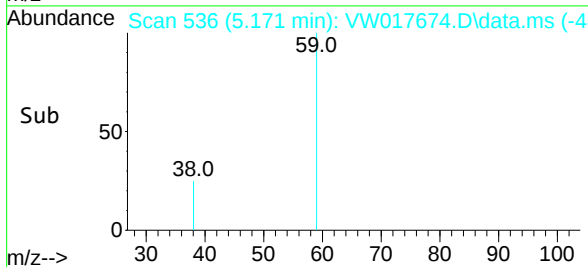
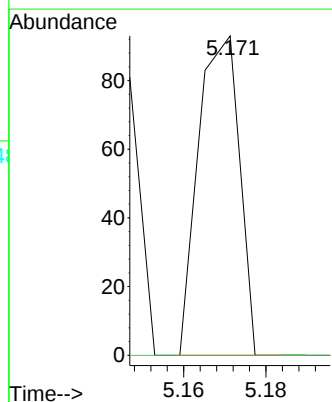
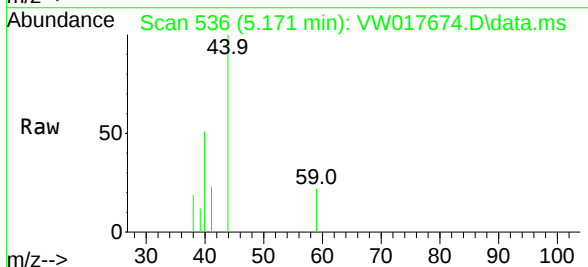
Instrument :
MSVOA_W
ClientSampleId :

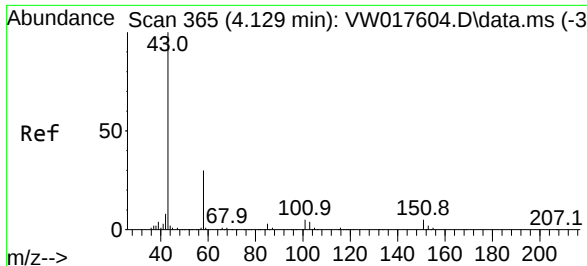
Tgt Ion:168 Resp: 203186
Ion Ratio Lower Upper
168 100
99 61.0 40.7 61.1



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.171 min Scan# 536
Delta R.T. -0.013 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

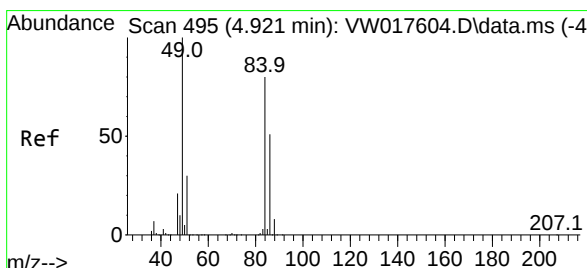
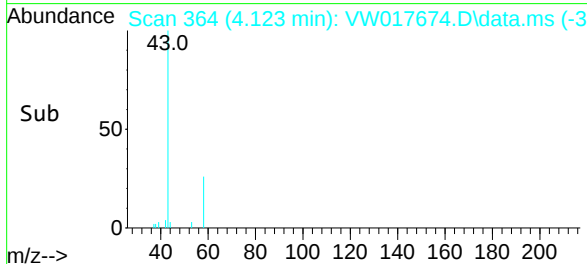
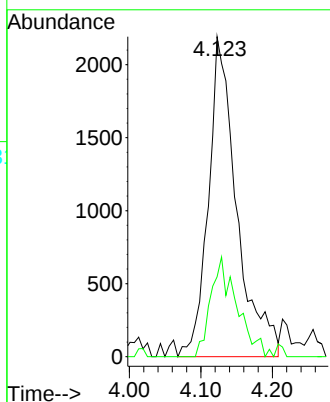
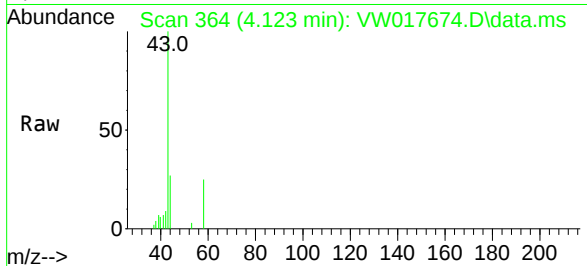




#16
Acetone
Concen: 11.20 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

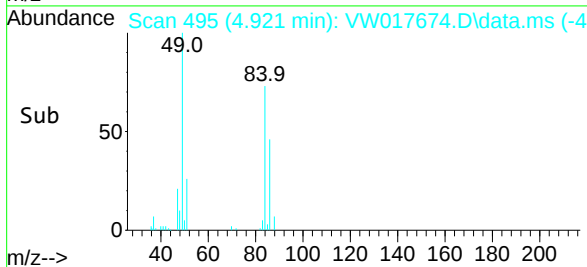
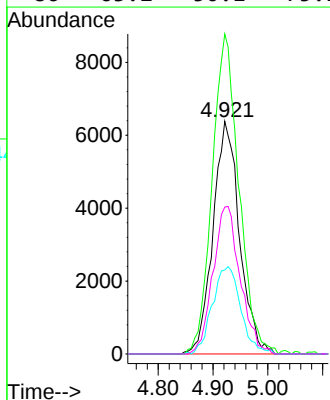
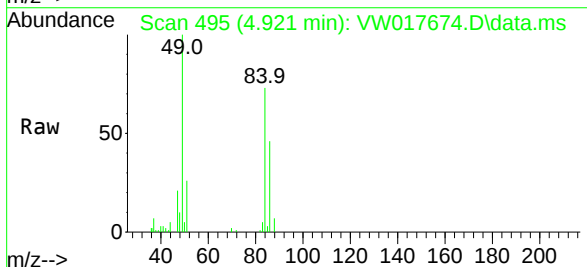
Instrument :
MSVOA_W
ClientSampled :

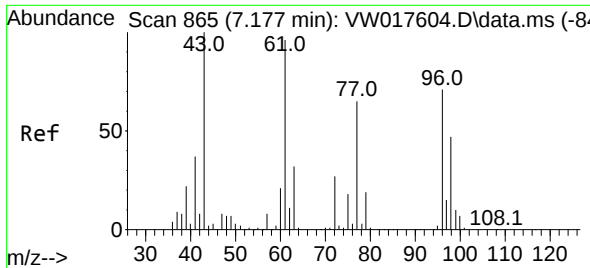
Tgt Ion: 43 Resp: 6033
Ion Ratio Lower Upper
43 100
58 25.0 25.7 38.5#



#20
Methylene Chloride
Concen: 4.18 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion: 84 Resp: 21427
Ion Ratio Lower Upper
84 100
49 137.6 79.0 118.6#
51 36.1 26.1 39.1
86 63.2 50.1 75.1

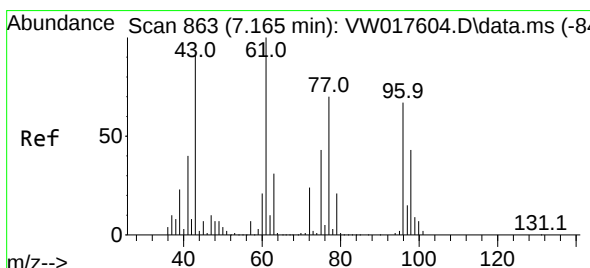
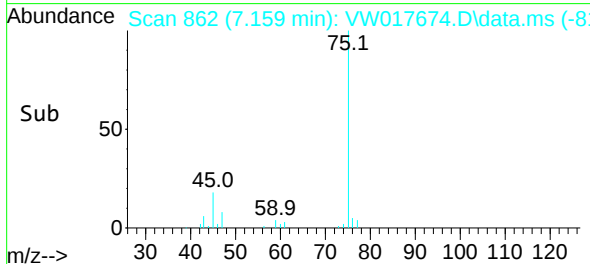
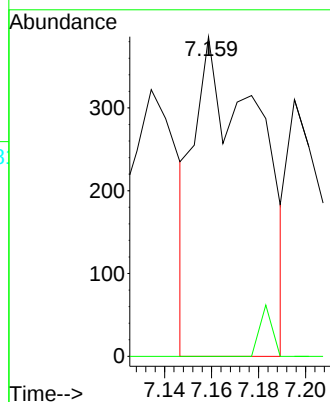
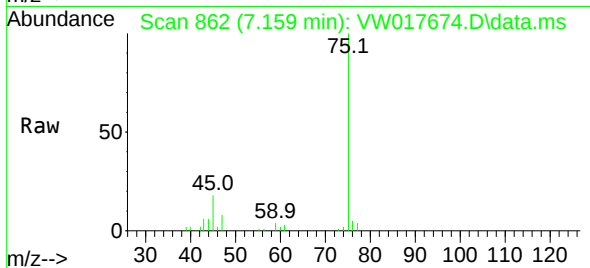




#25
2-Butanone
Concen: 1.02 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.018 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

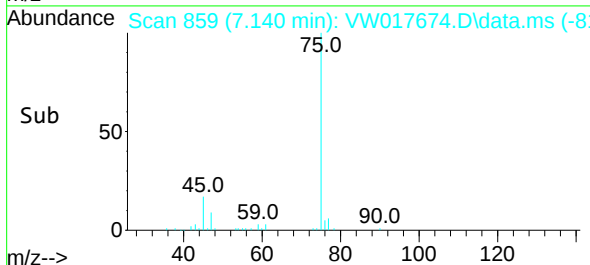
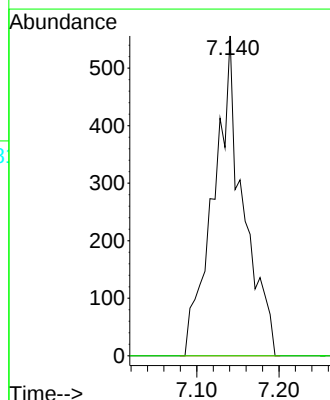
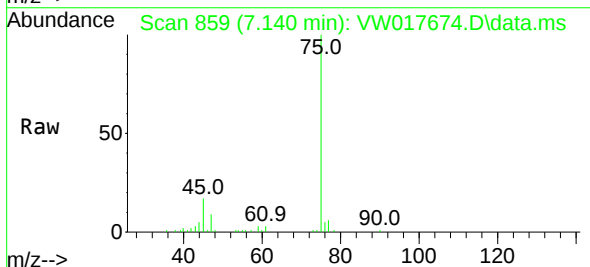
Instrument :
MSVOA_W
ClientSampled :

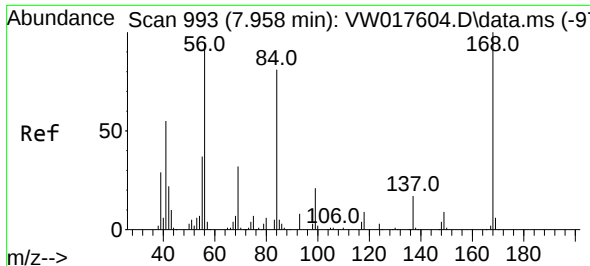
Tgt Ion: 43 Resp: 728
Ion Ratio Lower Upper
43 100
72 0.0 25.4 38.2#



#26
2,2-Dichloropropane
Concen: Below Cal
RT: 7.140 min Scan# 859
Delta R.T. -0.025 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion: 77 Resp: 1389
Ion Ratio Lower Upper
77 100
97 0.0 12.4 37.4#

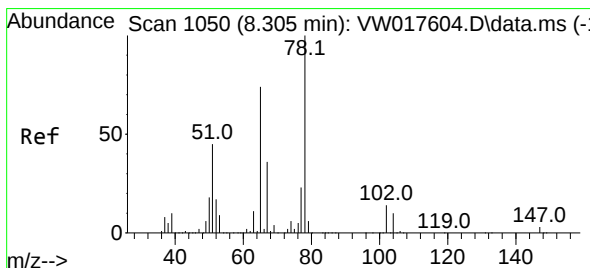
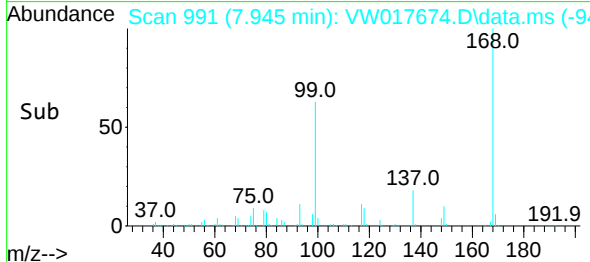
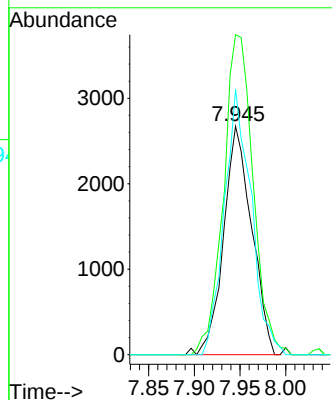
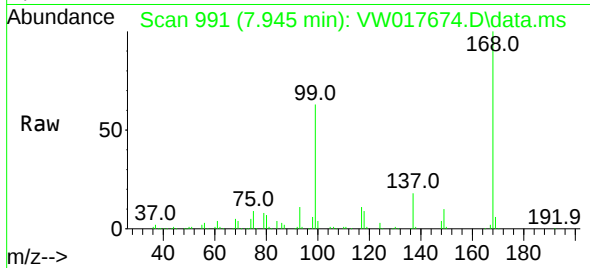




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.013 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

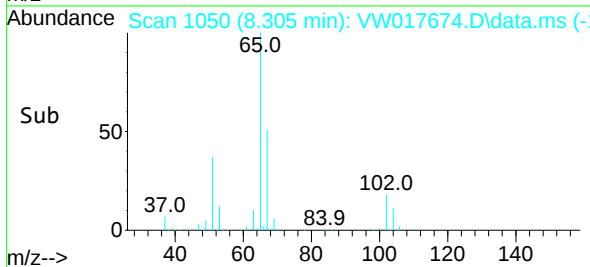
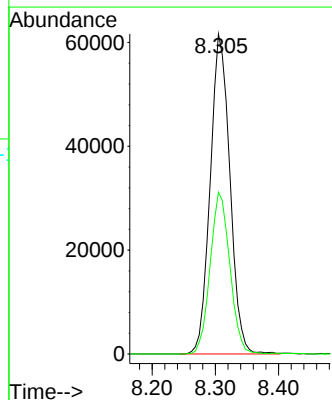
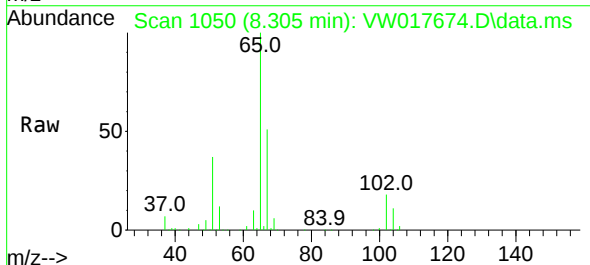
Instrument :
MSVOA_W
ClientSampled :

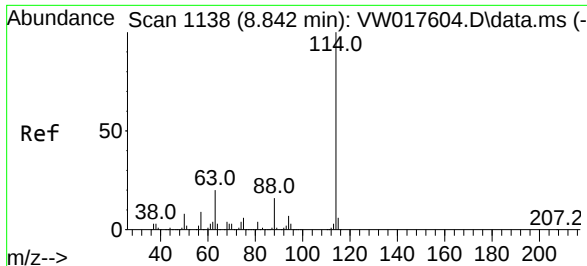
Tgt Ion: 56 Resp: 5708
Ion Ratio Lower Upper
56 100
69 140.0 29.3 43.9#
84 116.0 80.5 120.7



#33
1,2-Dichloroethane-d4
Concen: 53.78 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion: 65 Resp: 133110
Ion Ratio Lower Upper
65 100
67 50.6 0.0 103.8

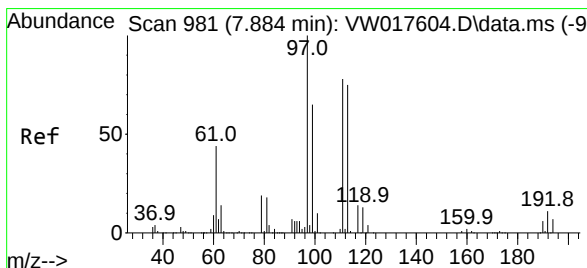
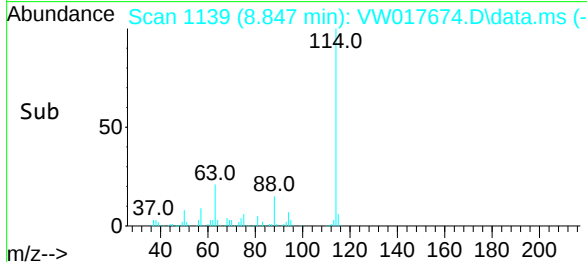
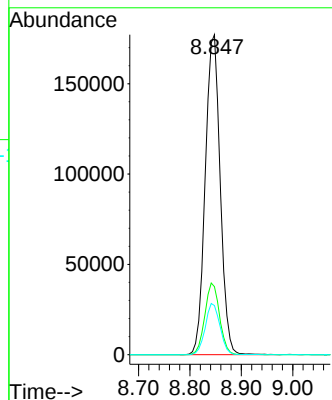
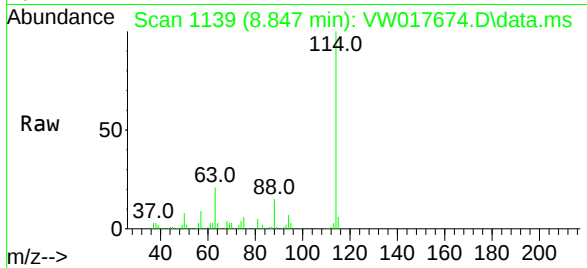




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.847 min Scan# 1139
Delta R.T. 0.005 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

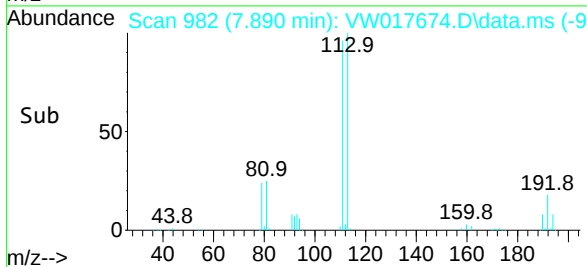
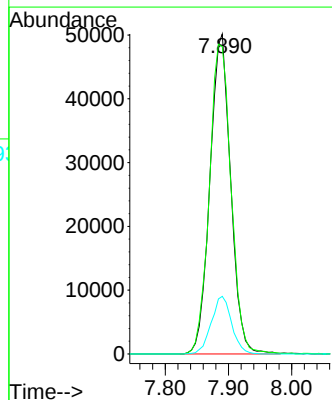
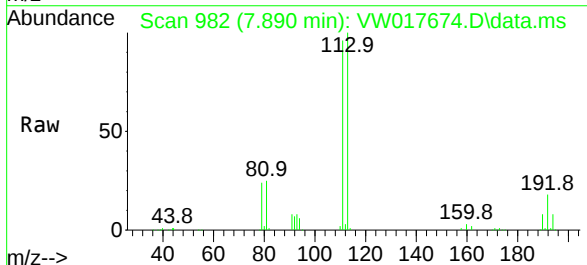
Instrument :
MSVOA_W
ClientSampled :

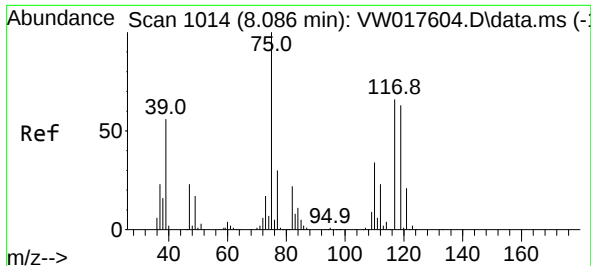
Tgt Ion:114 Resp: 356676
Ion Ratio Lower Upper
114 100
63 21.3 0.0 35.6
88 15.3 0.0 30.4



#35
Dibromofluoromethane
Concen: 48.30 ug/l
RT: 7.890 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion:113 Resp: 114007
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 17.7 17.8 26.8#

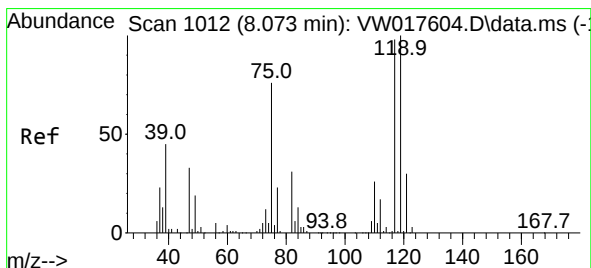
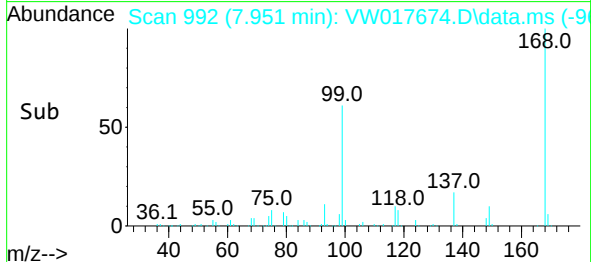
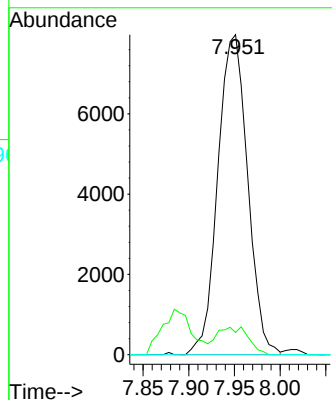
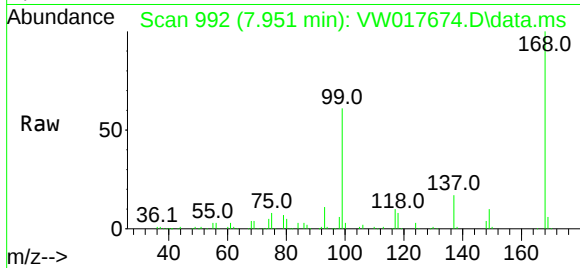




#36
1,1-Dichloropropene
Concen: 4.84 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.135 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

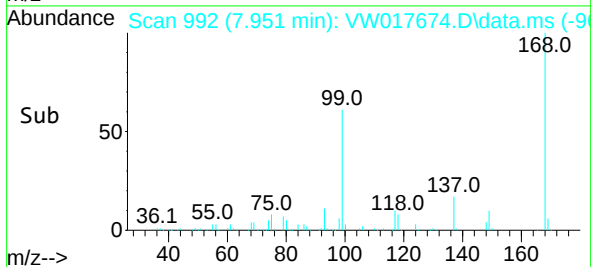
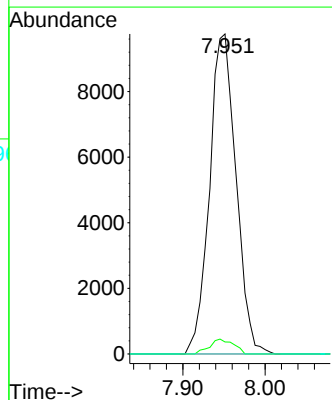
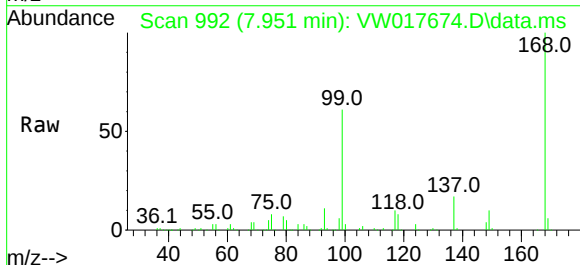
Instrument :
MSVOA_W
ClientSampled :

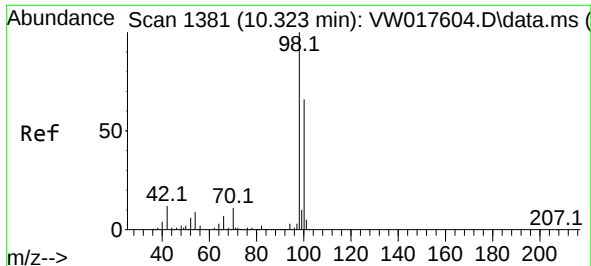
Tgt Ion: 75 Resp: 18078
Ion Ratio Lower Upper
75 100
110 9.1 19.3 57.9#
77 0.0 25.0 37.6#



#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.122 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion: 117 Resp: 21859
Ion Ratio Lower Upper
117 100
119 3.7 81.6 122.4#
121 0.0 25.7 38.5#

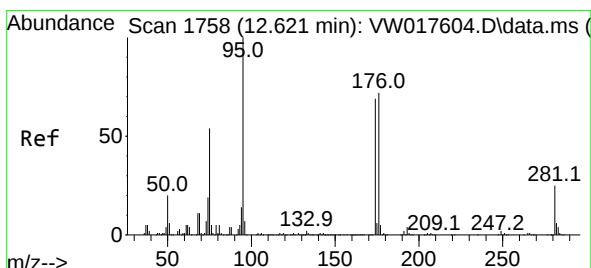
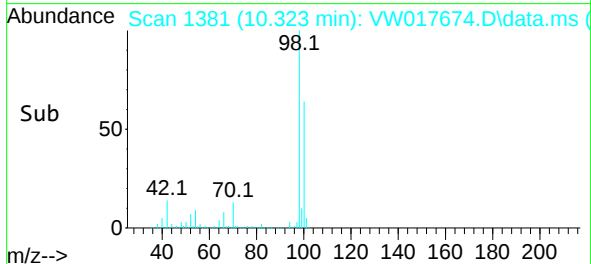
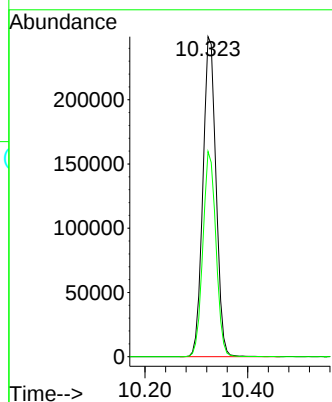
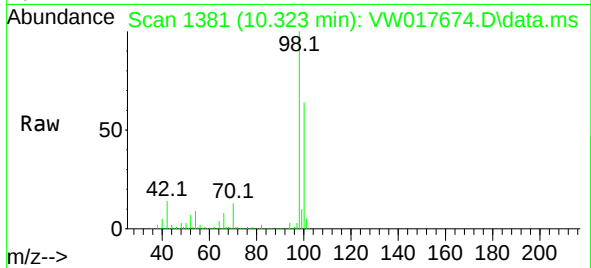




#50
Toluene-d8
Concen: 47.80 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

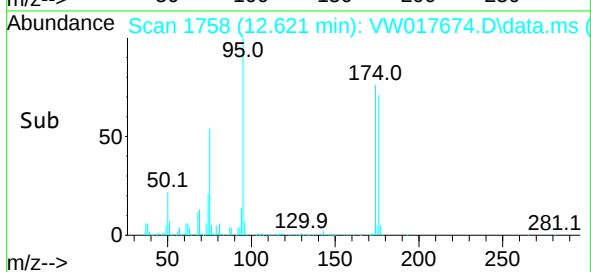
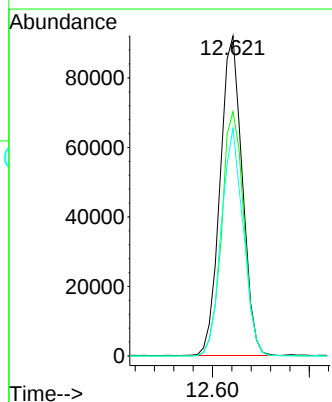
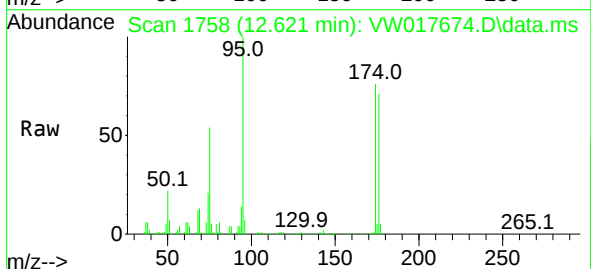
Instrument :
MSVOA_W
ClientSampleId :

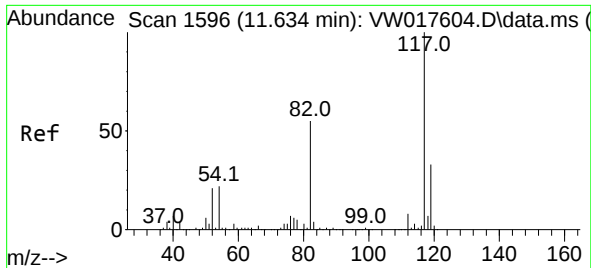
Tgt Ion: 98 Resp: 439237
Ion Ratio Lower Upper
98 100
100 64.0 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 44.48 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion: 95 Resp: 145938
Ion Ratio Lower Upper
95 100
174 76.3 0.0 180.6
176 70.3 0.0 177.6

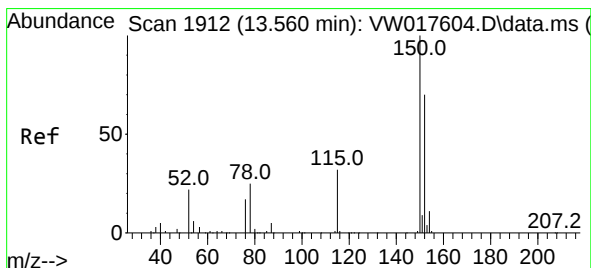
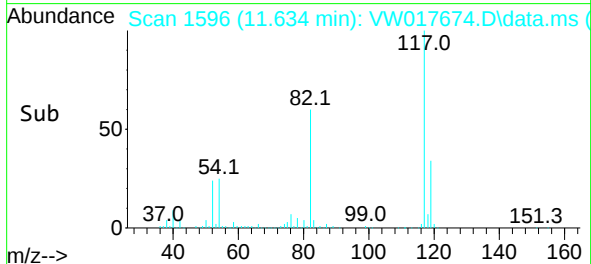
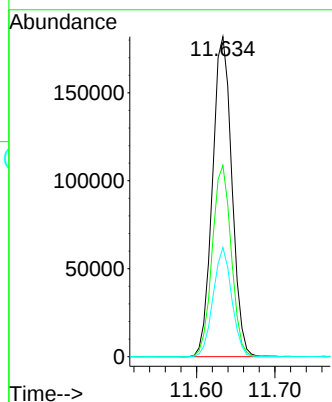
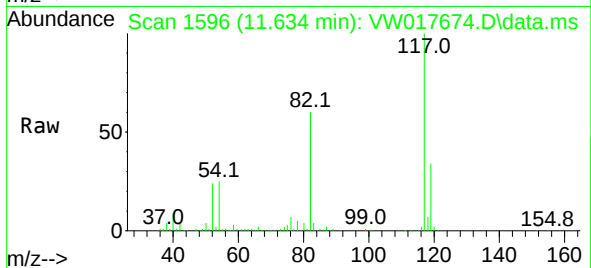




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

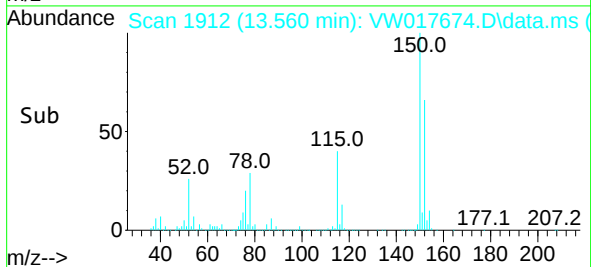
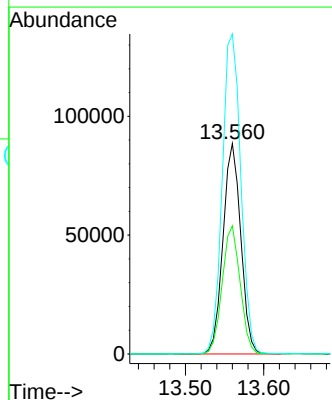
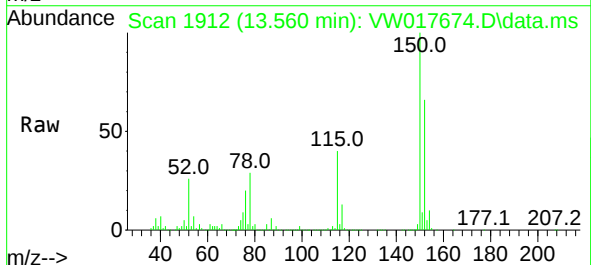
Instrument :
MSVOA_W
ClientSampleId :

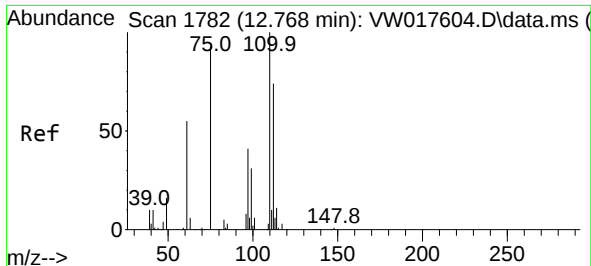
Tgt Ion:117 Resp: 312704
Ion Ratio Lower Upper
117 100
82 59.8 40.7 61.1
119 34.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion:152 Resp: 139910
Ion Ratio Lower Upper
152 100
115 61.1 27.9 83.7
150 158.6 0.0 344.0

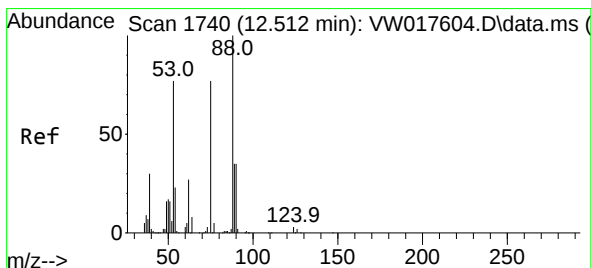
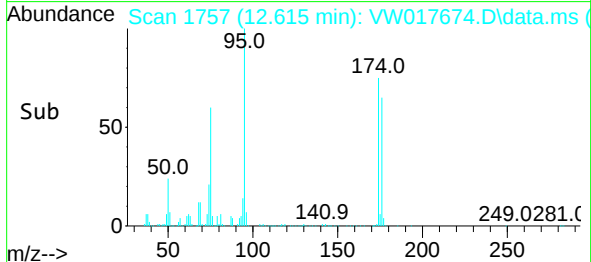
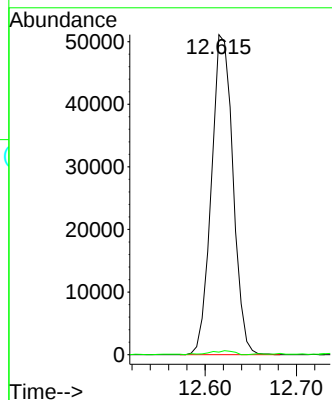
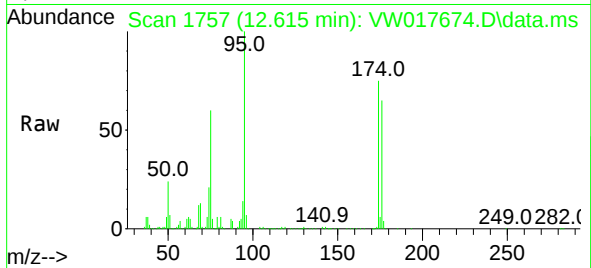




#76
1,2,3-Trichloropropane
Concen: 62.15 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.153 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 83709
Ion Ratio Lower Upper
75 100
77 1.4 178.8 536.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.93 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW017674.D
Acq: 18 Dec 2020 14:21

Tgt Ion: 75 Resp: 83709
Ion Ratio Lower Upper
75 100
53 0.1 77.0 115.4#
89 0.0 38.7 58.1#

