

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102821\
 Data File : VW020717.D
 Acq On : 28 Oct 2021 15:08
 Operator : SY/VA
 Sample : VW1028SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1028SBL01

Quant Time: Oct 29 06:03:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102821S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 29 05:37:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	105847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	166706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	150782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	77724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	50952	48.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.940%
35) Dibromofluoromethane	7.884	113	44602	45.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.220%
50) Toluene-d8	10.323	98	162221	44.202	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.400%
62) 4-Bromofluorobenzene	12.621	95	59193	42.752	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.500%

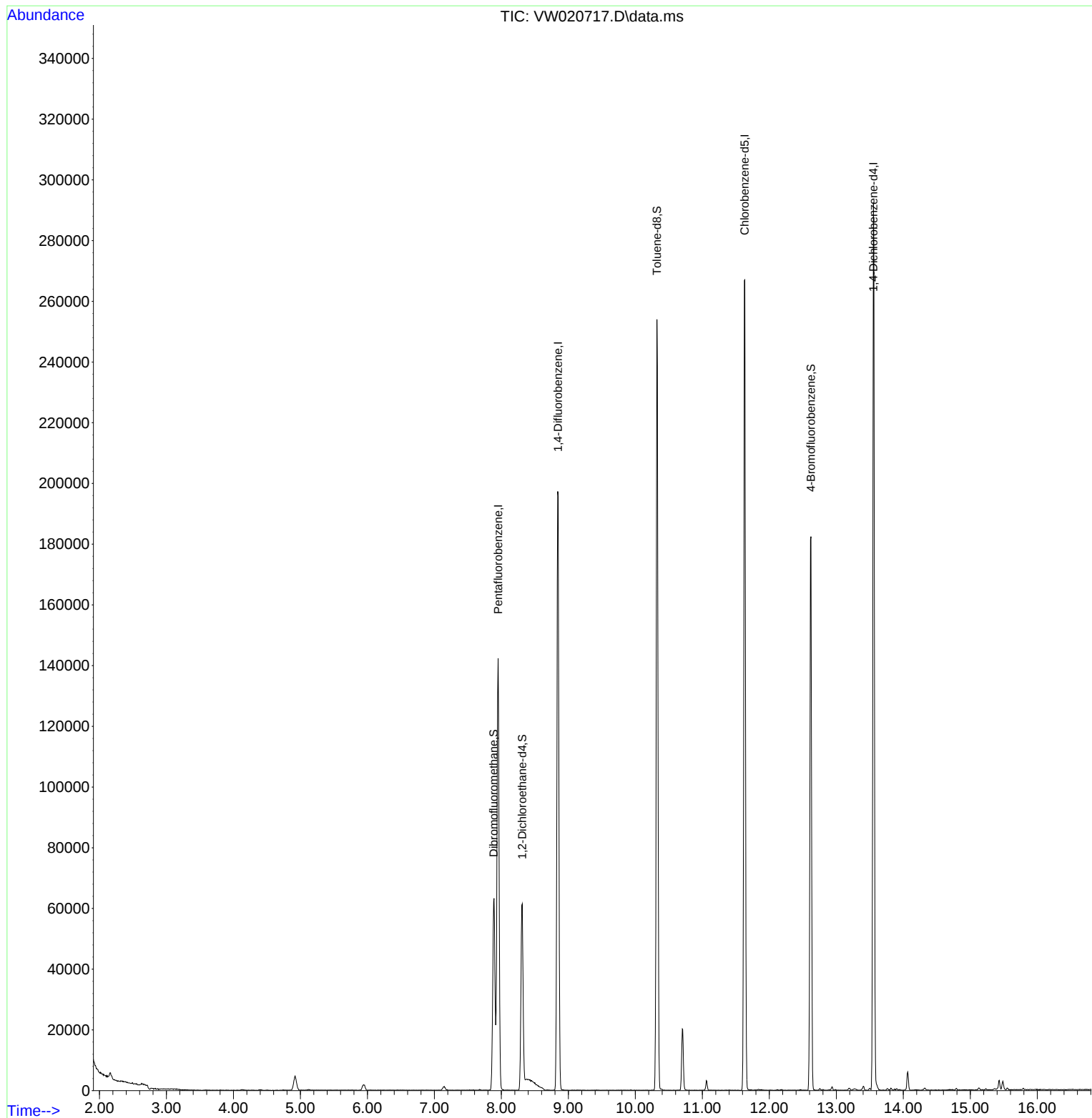
Target Compounds	Qvalue

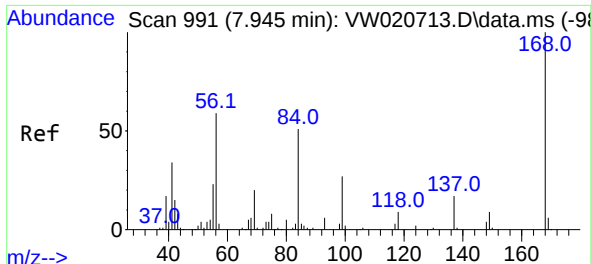
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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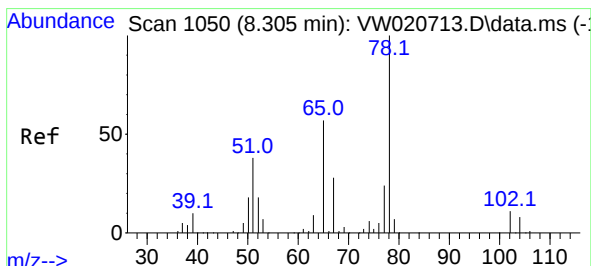
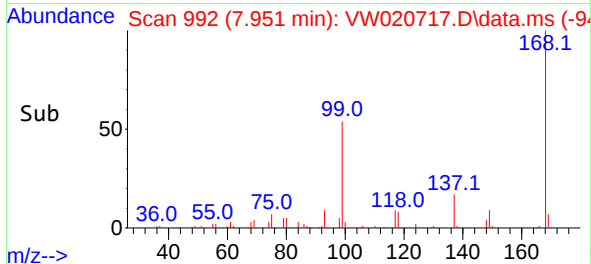
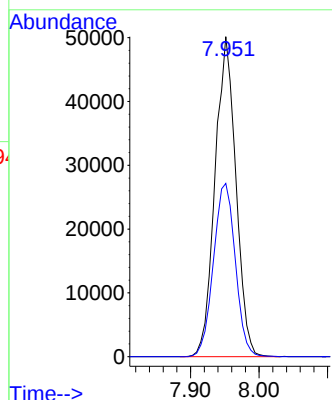
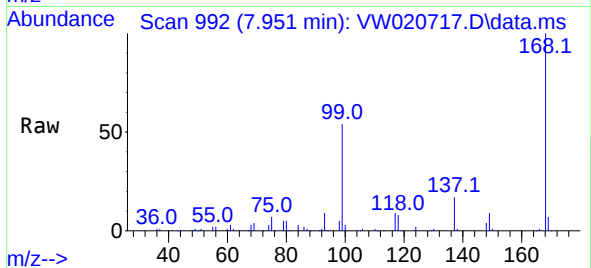




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.006 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

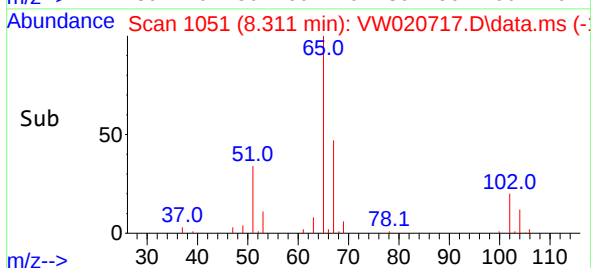
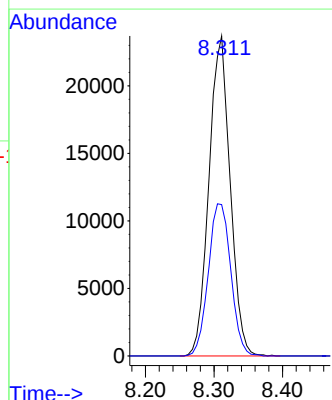
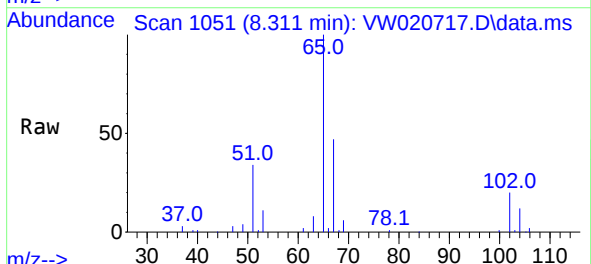
Instrument :
MSVOA_W
ClientSampleId :
VW1028SBL01

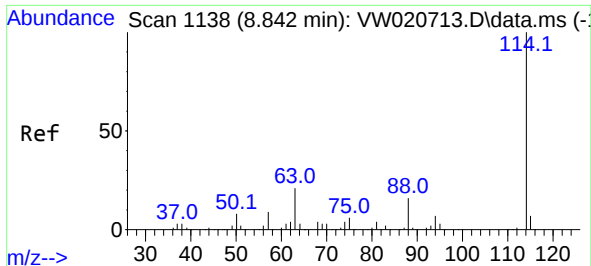
Tgt Ion:168 Resp: 105847
Ion Ratio Lower Upper
168 100
99 54.1 46.2 69.4



#33
1,2-Dichloroethane-d4
Concen: 48.972 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

Tgt Ion: 65 Resp: 50952
Ion Ratio Lower Upper
65 100
67 50.5 0.0 99.8

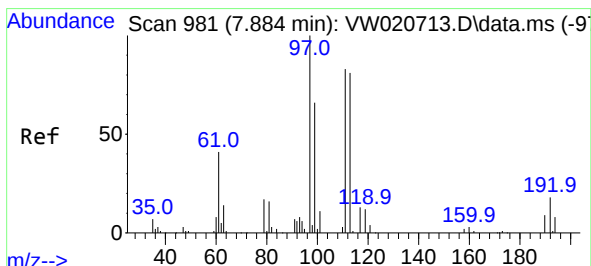
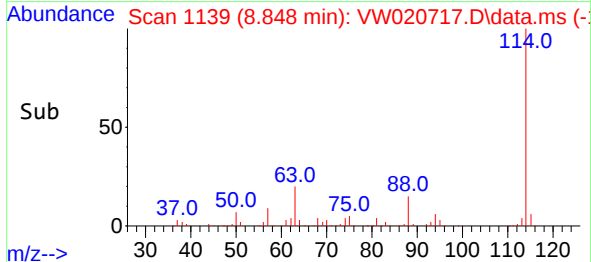
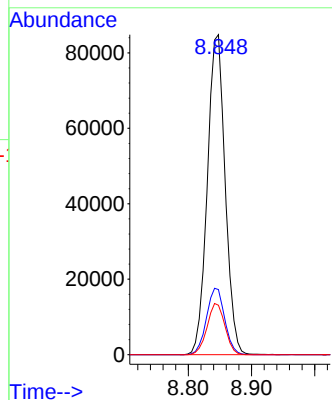
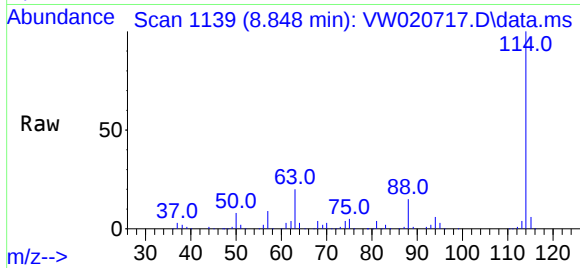




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.006 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

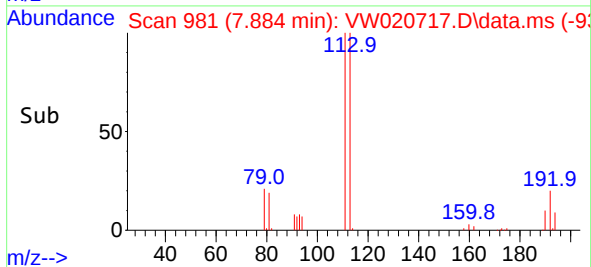
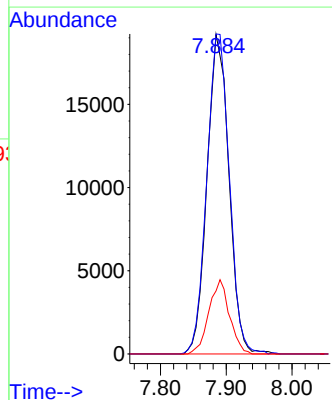
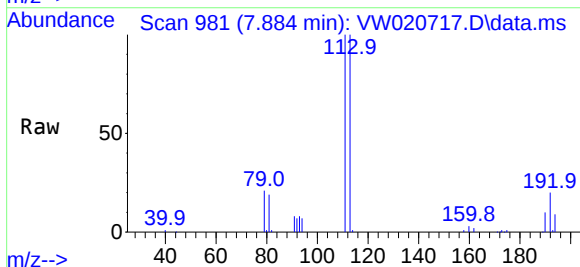
Instrument :
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ClientSampleId :
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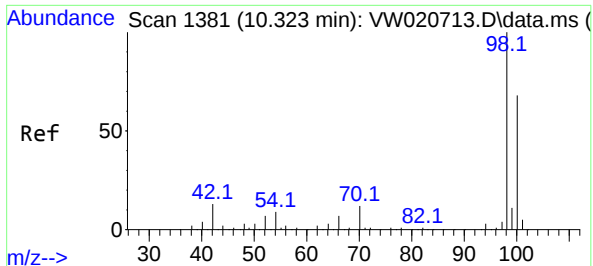
Tgt Ion:114 Resp: 166706
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.4
88 15.5 0.0 32.8



#35
Dibromofluoromethane
Concen: 45.608 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

Tgt Ion:113 Resp: 44602
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 21.8 17.7 26.5

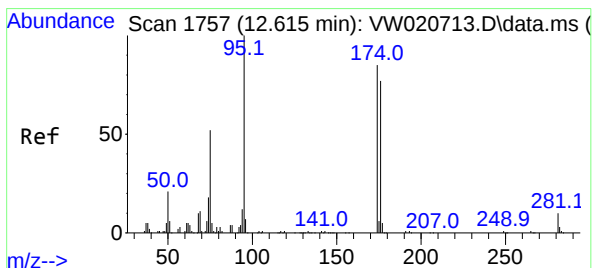
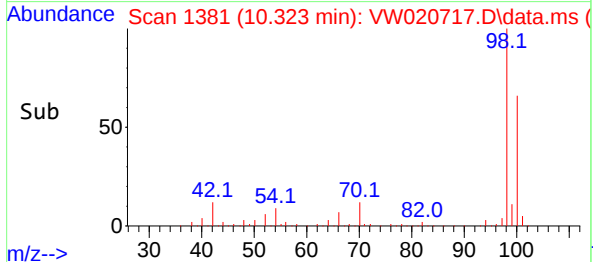
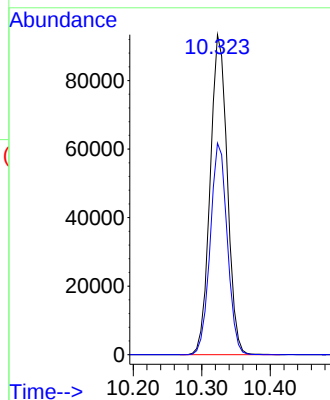
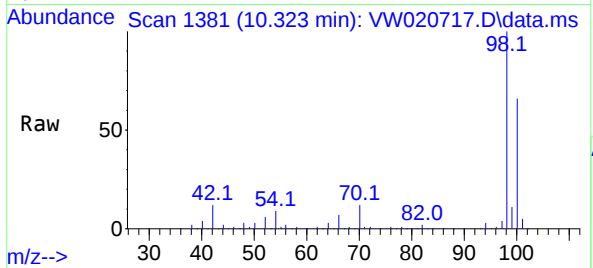




#50
Toluene-d8
Concen: 44.202 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

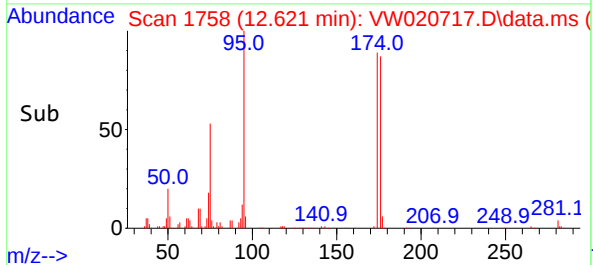
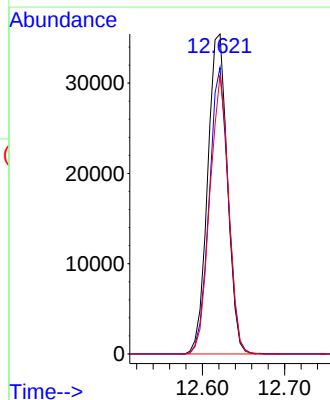
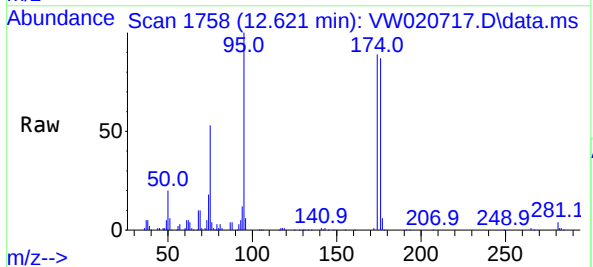
Instrument :
MSVOA_W
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VW1028SBL01

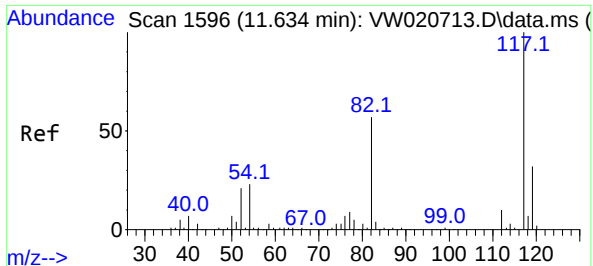
Tgt Ion: 98 Resp: 162221
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 42.752 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

Tgt Ion: 95 Resp: 59193
Ion Ratio Lower Upper
95 100
174 86.1 0.0 171.0
176 83.2 0.0 165.0

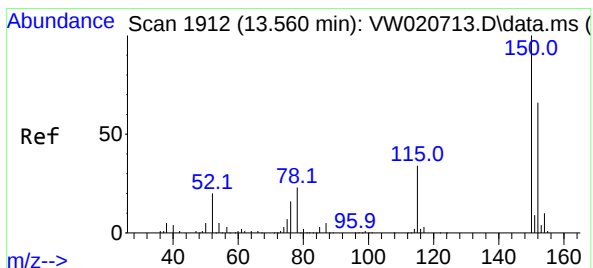
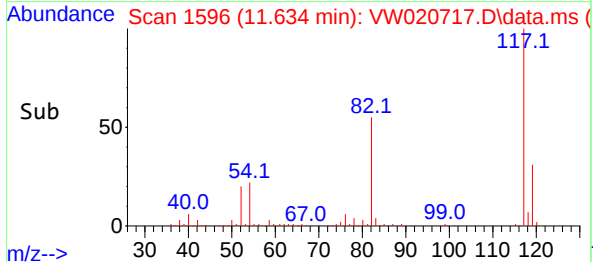
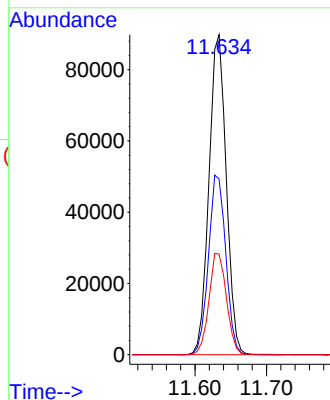
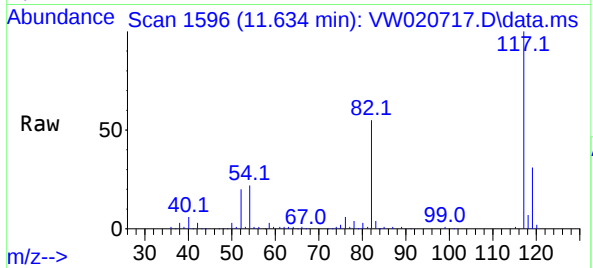




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

Instrument :
MSVOA_W
ClientSampleId :
VW1028SBL01

Tgt Ion:117 Resp: 150782
Ion Ratio Lower Upper
117 100
82 54.9 45.7 68.5
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW020717.D
Acq: 28 Oct 2021 15:08

Tgt Ion:152 Resp: 77724
Ion Ratio Lower Upper
152 100
115 57.2 28.7 86.3
150 157.4 0.0 342.2

