

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082225\
 Data File : VW032108.D
 Acq On : 22 Aug 2025 13:35
 Operator : SY/MD
 Sample : VW0822SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0822SBL01

Quant Time: Aug 25 03:51:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	152490	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	320732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	308340	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	143329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	118893	53.909	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	107.820%
35) Dibromofluoromethane	7.898	113	113141	54.603	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	109.200%
50) Toluene-d8	10.325	98	381844	49.824	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.640%
62) 4-Bromofluorobenzene	12.617	95	133093	47.125	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.240%

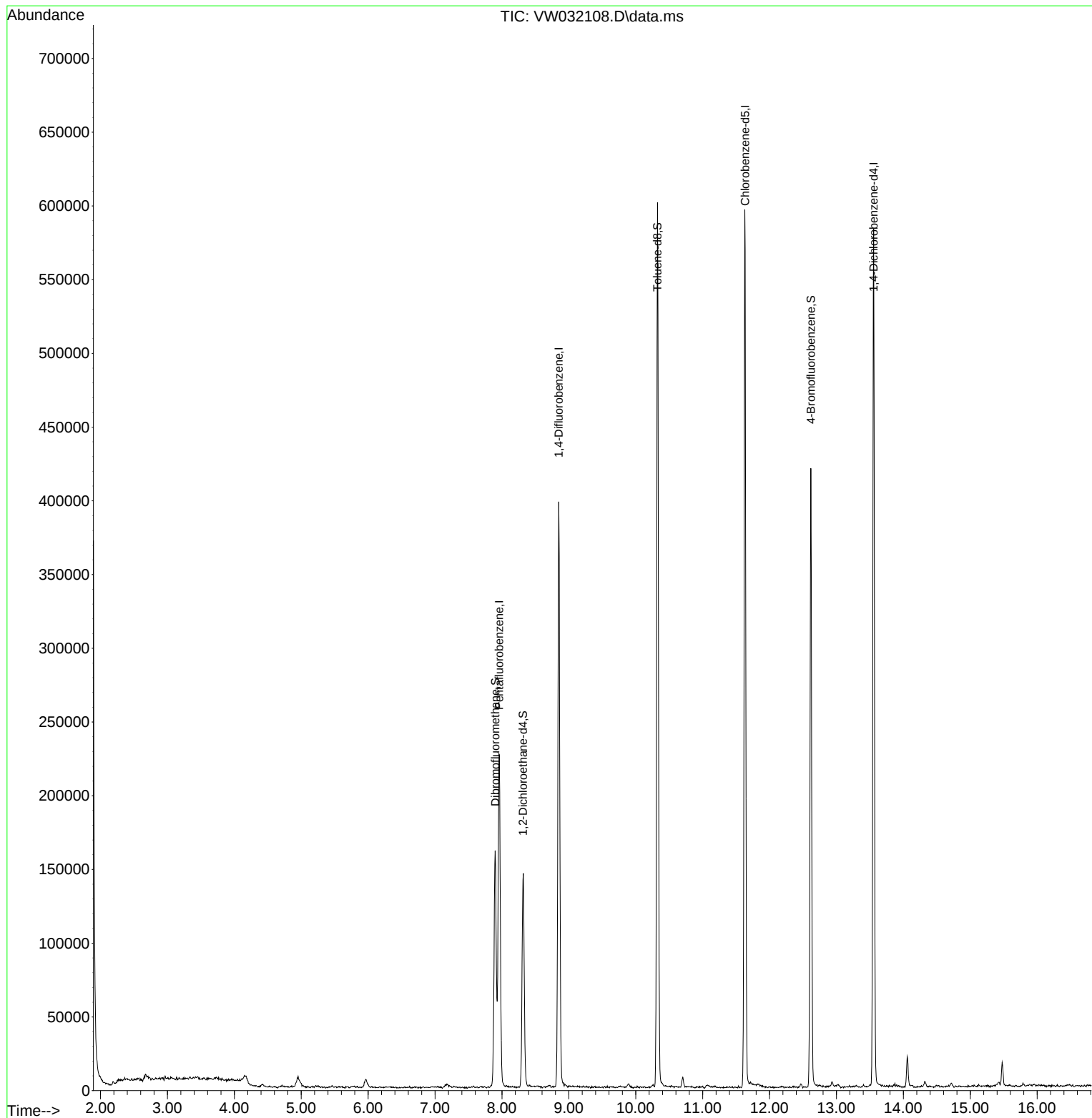
Target Compounds	Qvalue

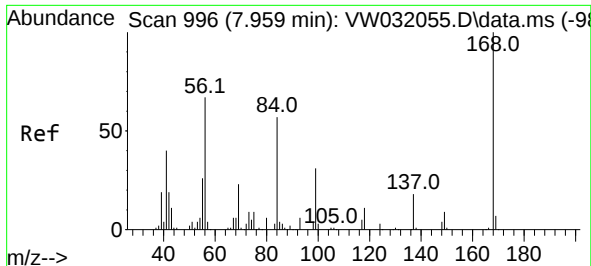
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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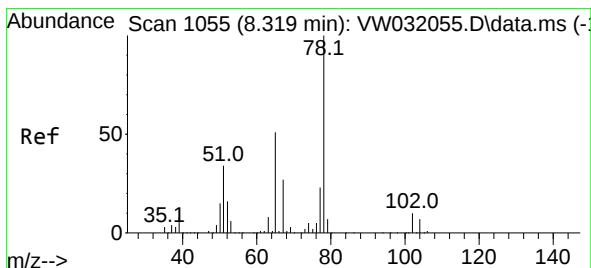
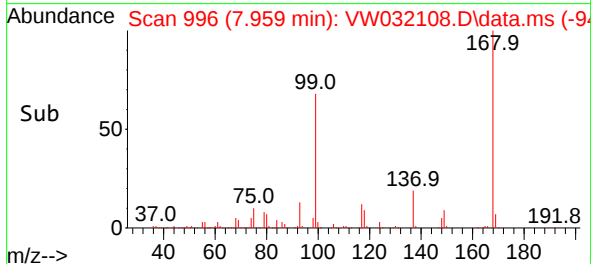
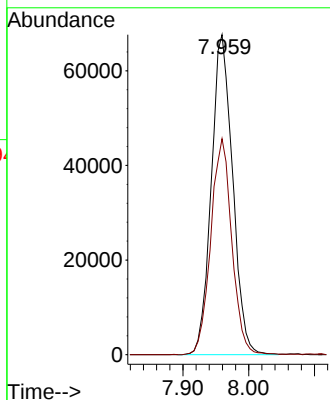
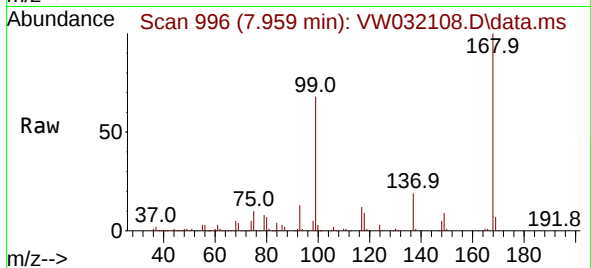




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

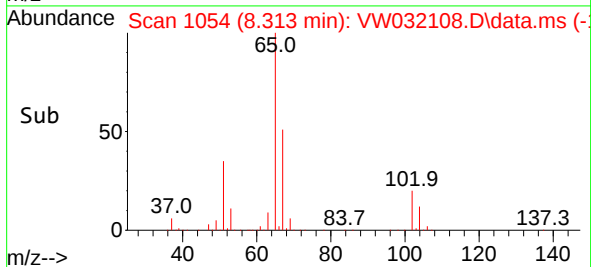
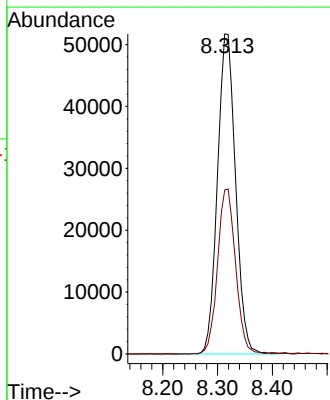
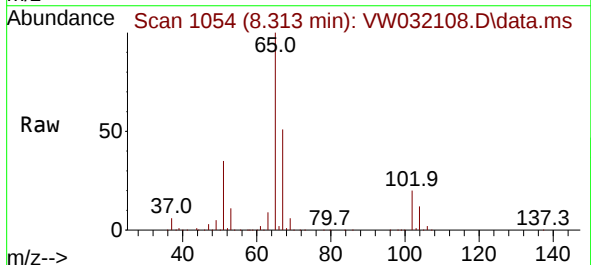
Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

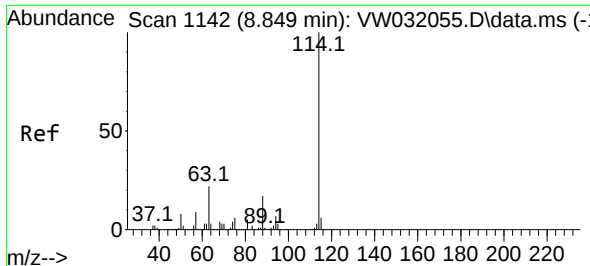
Tgt Ion:168 Resp: 152490
Ion Ratio Lower Upper
168 100
99 67.5 56.0 84.0



#33
1,2-Dichloroethane-d4
Concen: 53.909 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 65 Resp: 118893
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4

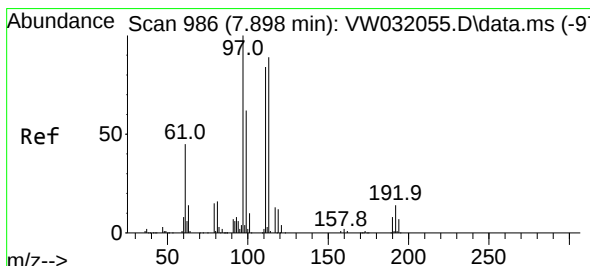
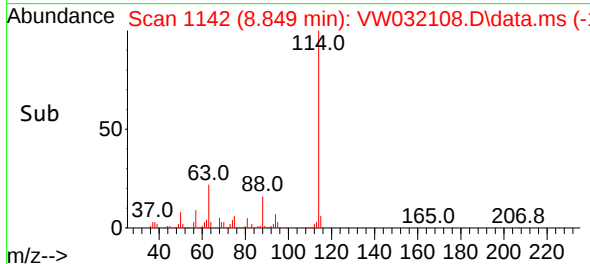
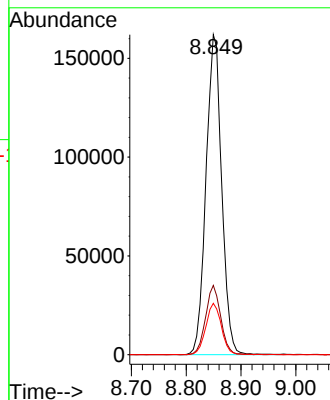
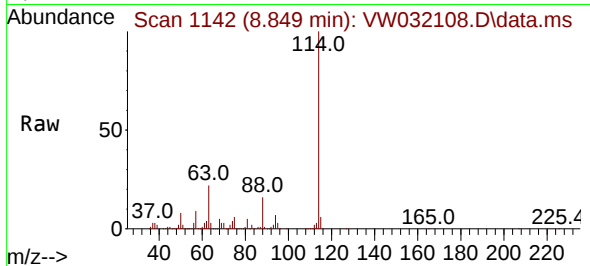




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

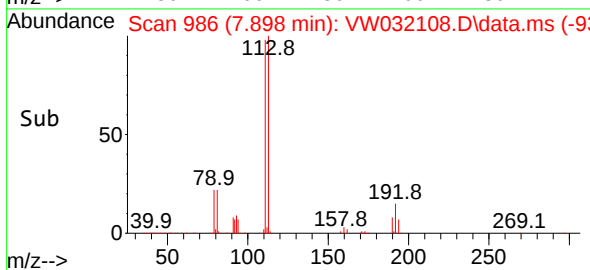
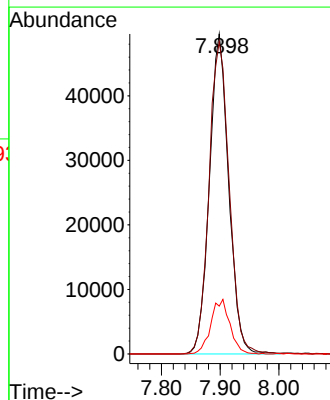
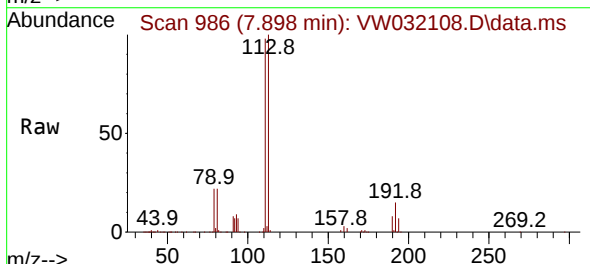
Instrument :
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ClientSampleId :
VW0822SBL01

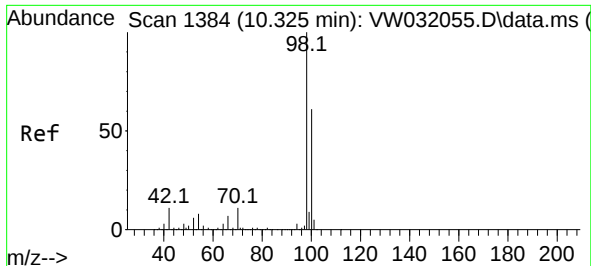
Tgt Ion:114 Resp: 320732
Ion Ratio Lower Upper
114 100
63 21.7 0.0 43.0
88 16.1 0.0 33.8



#35
Dibromofluoromethane
Concen: 54.603 ug/l
RT: 7.898 min Scan# 986
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion:113 Resp: 113141
Ion Ratio Lower Upper
113 100
111 102.3 80.1 120.1
192 16.9 13.1 19.7

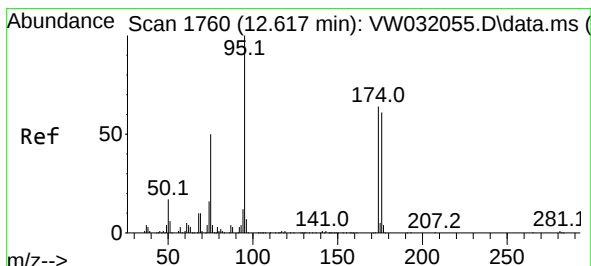
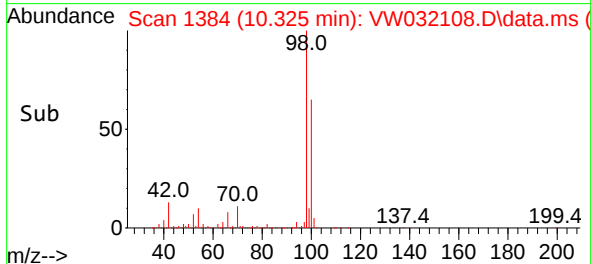
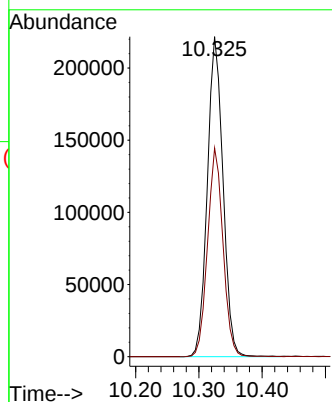
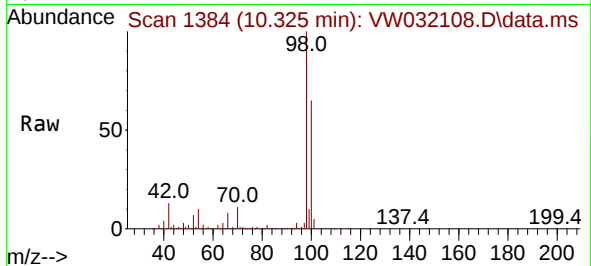




#50
Toluene-d8
Concen: 49.824 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

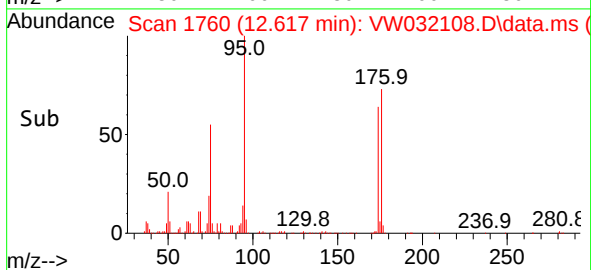
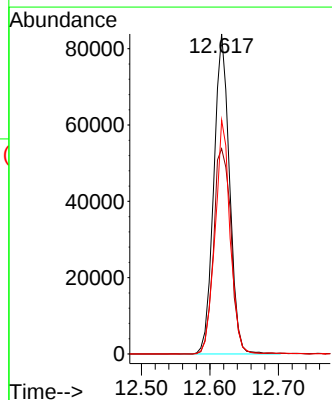
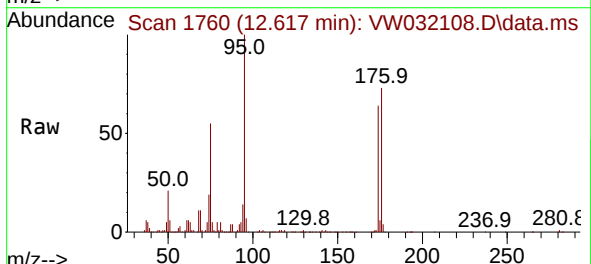
Instrument :
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VW0822SBL01

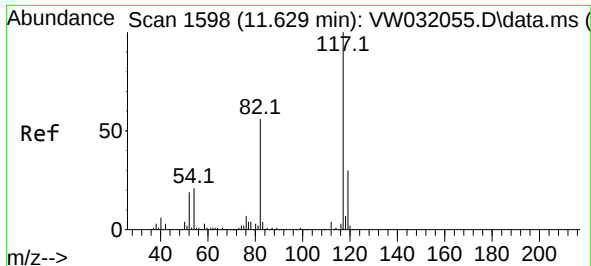
Tgt Ion: 98 Resp: 381844
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 47.125 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion: 95 Resp: 133093
Ion Ratio Lower Upper
95 100
174 71.5 0.0 129.0
176 70.2 0.0 124.6

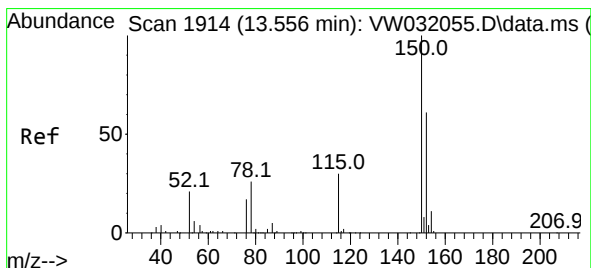
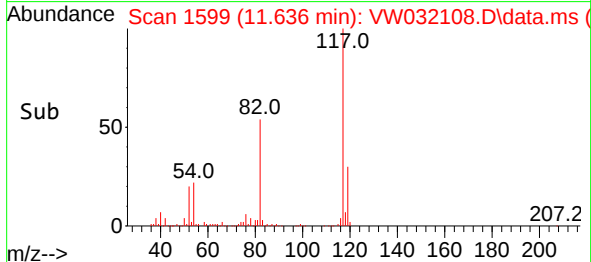
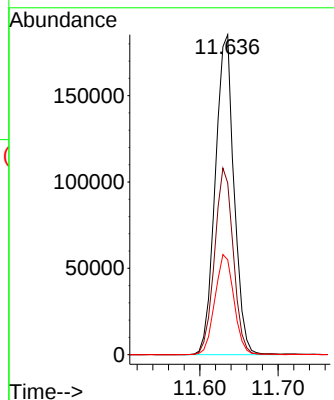
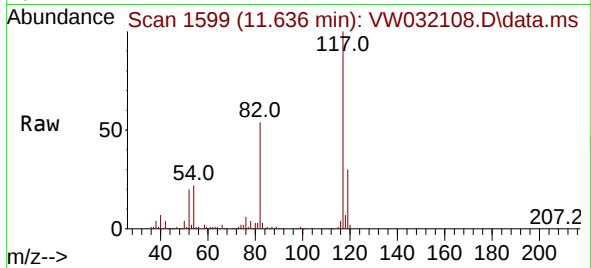




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11599
Delta R.T. 0.006 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Instrument :
MSVOA_W
ClientSampleId :
VW0822SBL01

Tgt Ion:117 Resp: 308340
Ion Ratio Lower Upper
117 100
82 53.7 45.0 67.4
119 29.6 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032108.D
Acq: 22 Aug 2025 13:35

Tgt Ion:152 Resp: 143329
Ion Ratio Lower Upper
152 100
115 64.7 32.6 97.8
150 155.3 0.0 359.4

