

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032077.D
 Acq On : 11 Aug 2025 19:09
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Aug 12 04:30:13 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	163035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	352749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	350774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	163492	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	132323	56.118	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	112.240%
35) Dibromofluoromethane	7.904	113	121474	53.304	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	106.600%
50) Toluene-d8	10.331	98	436132	51.742	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.480%
62) 4-Bromofluorobenzene	12.617	95	161527	52.002	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	104.000%

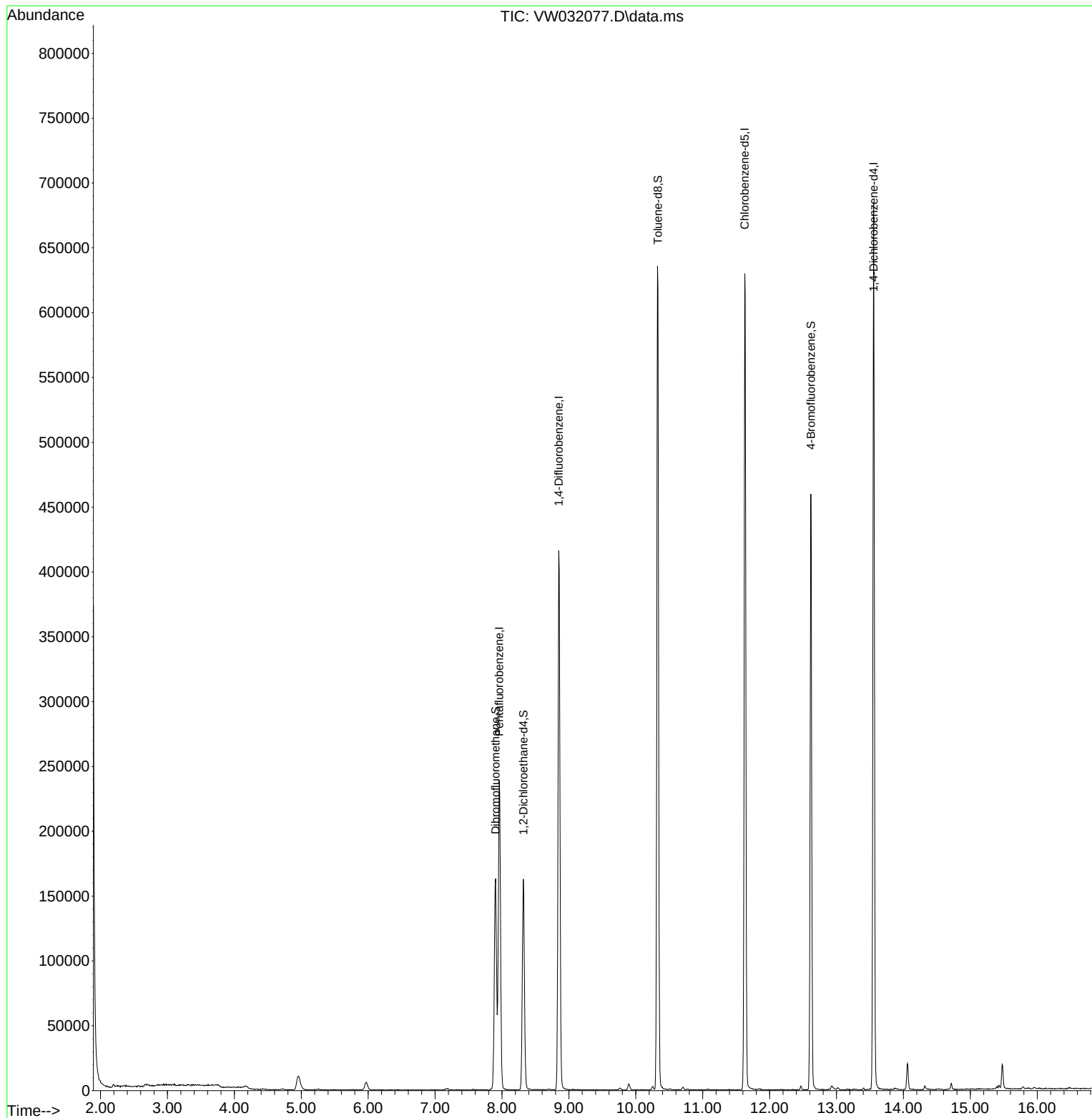
Target Compounds	Qvalue

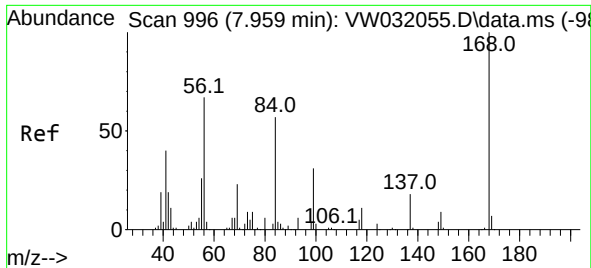
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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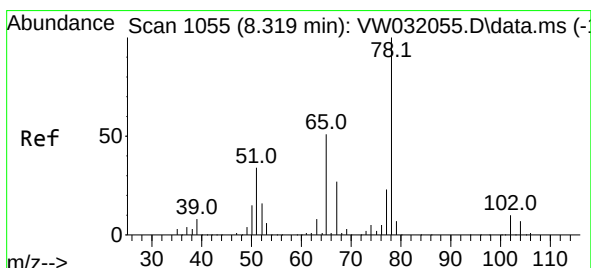
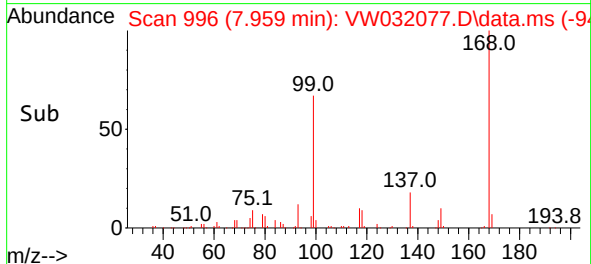
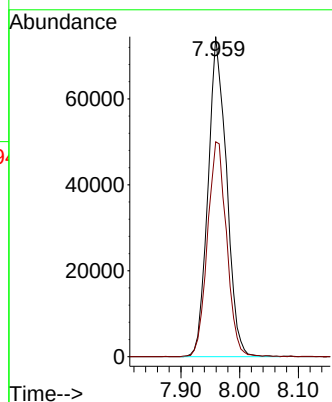
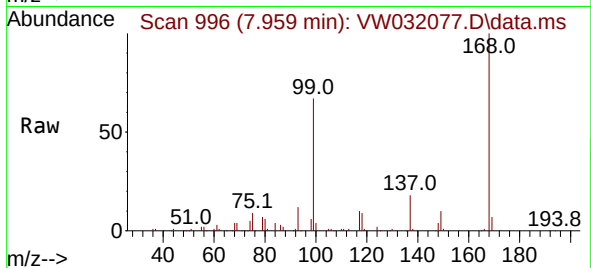




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

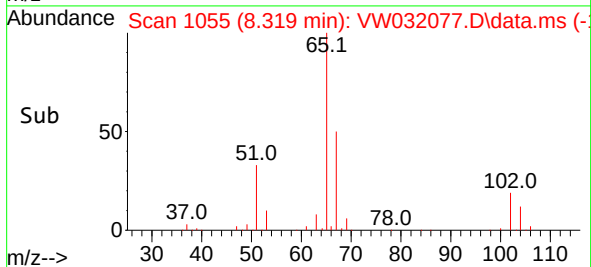
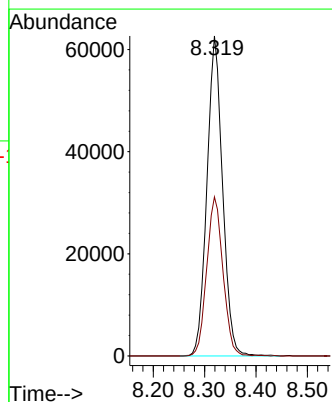
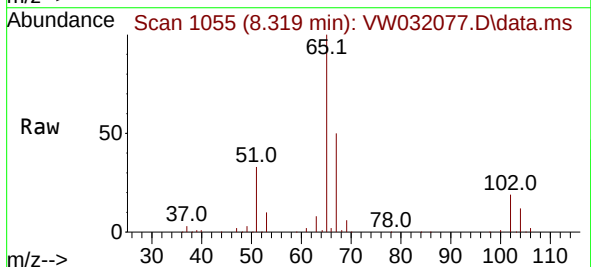
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

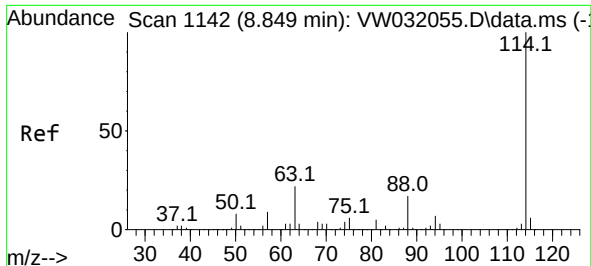
Tgt Ion:168 Resp: 163035
Ion Ratio Lower Upper
168 100
99 67.2 56.0 84.0



#33
1,2-Dichloroethane-d4
Concen: 56.118 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion: 65 Resp: 132323
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.4

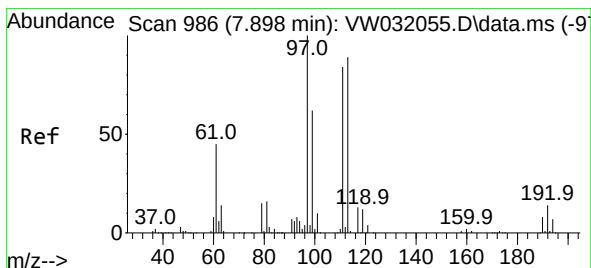
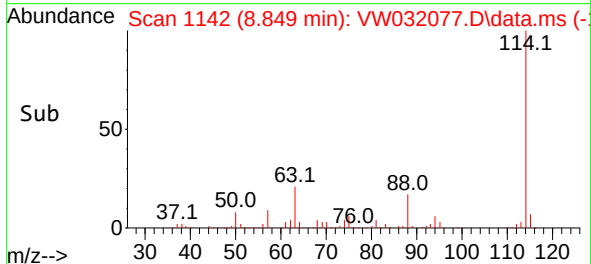
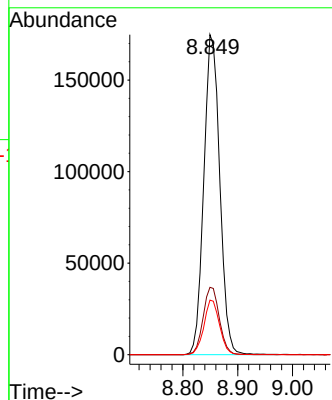
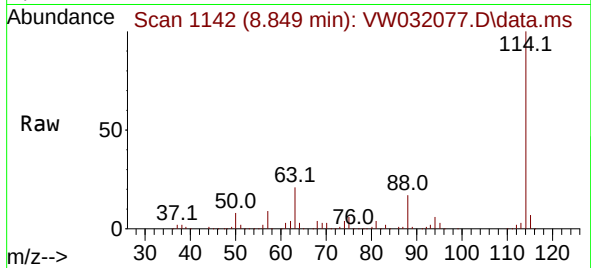




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

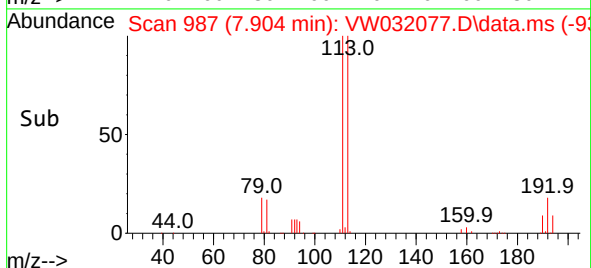
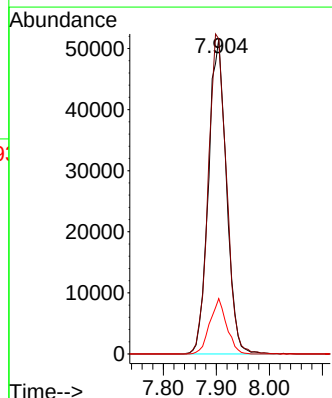
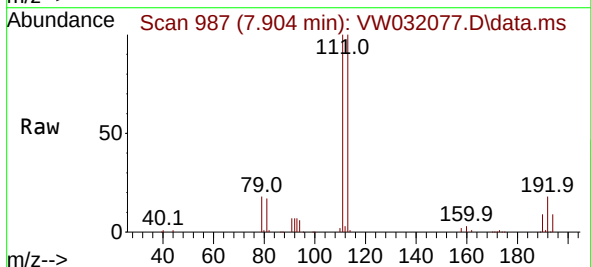
Instrument :
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ClientSampleId :
VIBLK

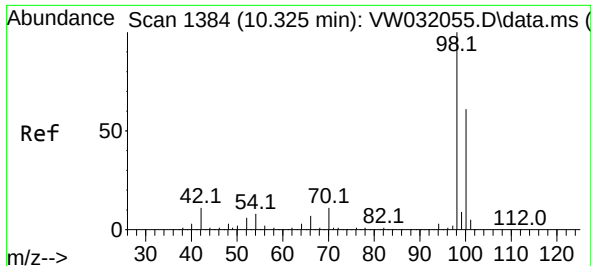
Tgt Ion:114 Resp: 352749
Ion Ratio Lower Upper
114 100
63 21.1 0.0 43.0
88 17.0 0.0 33.8



#35
Dibromofluoromethane
Concen: 53.304 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion:113 Resp: 121474
Ion Ratio Lower Upper
113 100
111 102.1 80.1 120.1
192 16.4 13.1 19.7

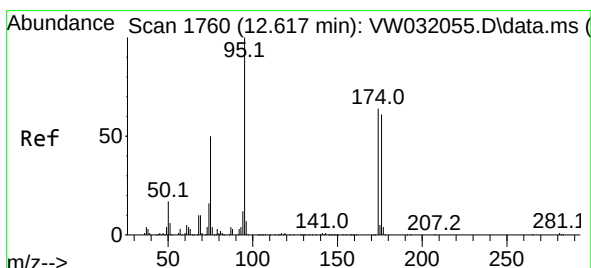
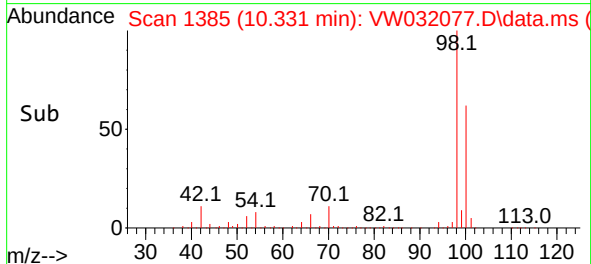
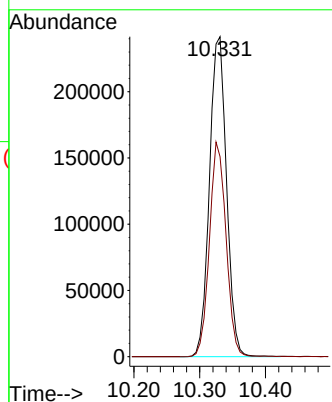
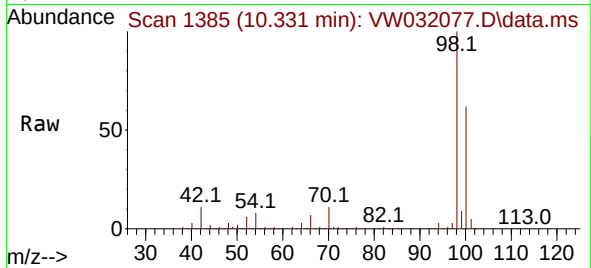




#50
Toluene-d8
Concen: 51.742 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

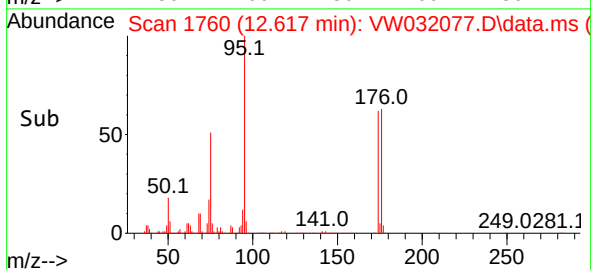
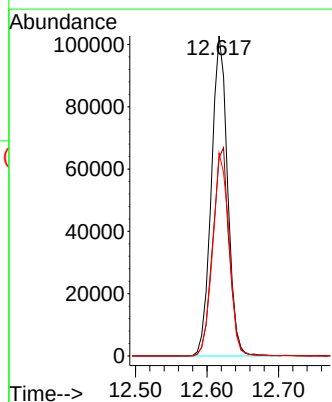
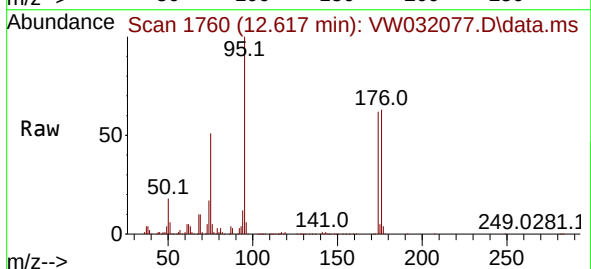
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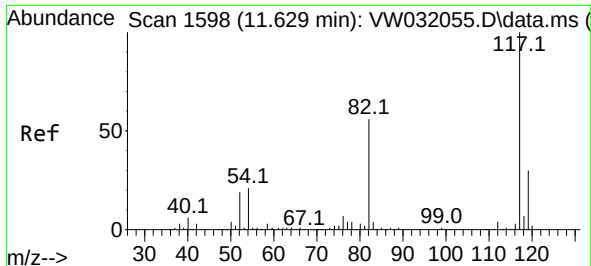
Tgt Ion: 98 Resp: 436132
Ion Ratio Lower Upper
98 100
100 65.3 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 52.002 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion: 95 Resp: 161527
Ion Ratio Lower Upper
95 100
174 66.0 0.0 129.0
176 64.5 0.0 124.6

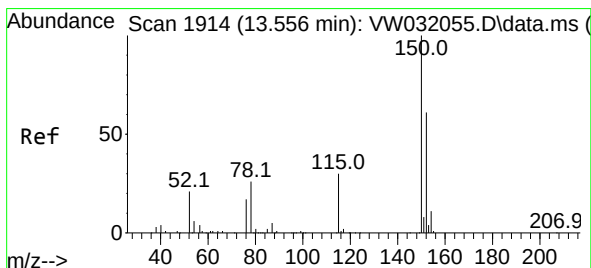
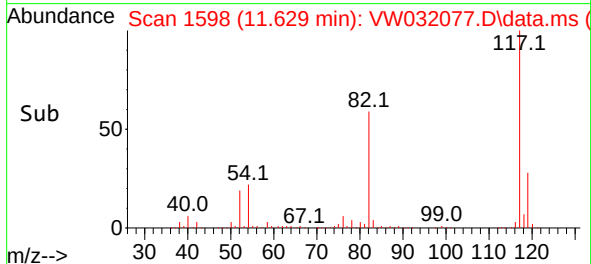
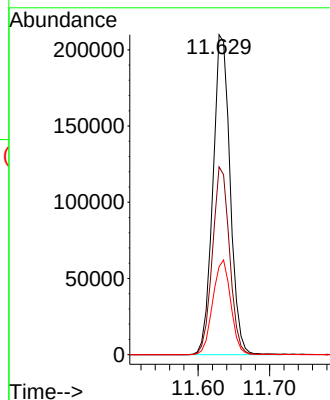
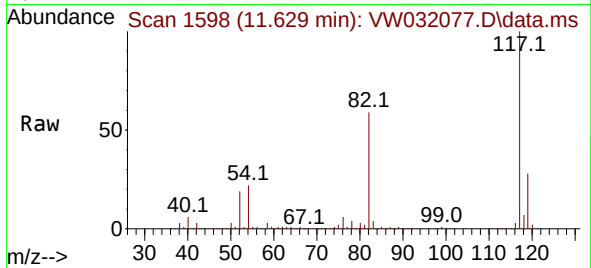




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032077.D
Acq: 11 Aug 2025 19:09

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 350774
Ion Ratio Lower Upper
117 100
82 58.7 45.0 67.4
119 27.5 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: VW032077.D
Acq: 11 Aug 2025 19:09

Tgt Ion:152 Resp: 163492
Ion Ratio Lower Upper
152 100
115 66.3 32.6 97.8
150 157.0 0.0 359.4

