

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092625\
 Data File : VW032268.D
 Acq On : 26 Sep 2025 09:41
 Operator : SY/MD
 Sample : VW0926SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0926SBL01

Quant Time: Sep 27 04:31:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W092525S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 07:11:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	193650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	436371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	462353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	216659	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	194023	63.454	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	126.900%
35) Dibromofluoromethane	7.898	113	166202	52.960	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	105.920%
50) Toluene-d8	10.325	98	606362	53.612	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	107.220%
62) 4-Bromofluorobenzene	12.617	95	202578	47.484	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	94.960%

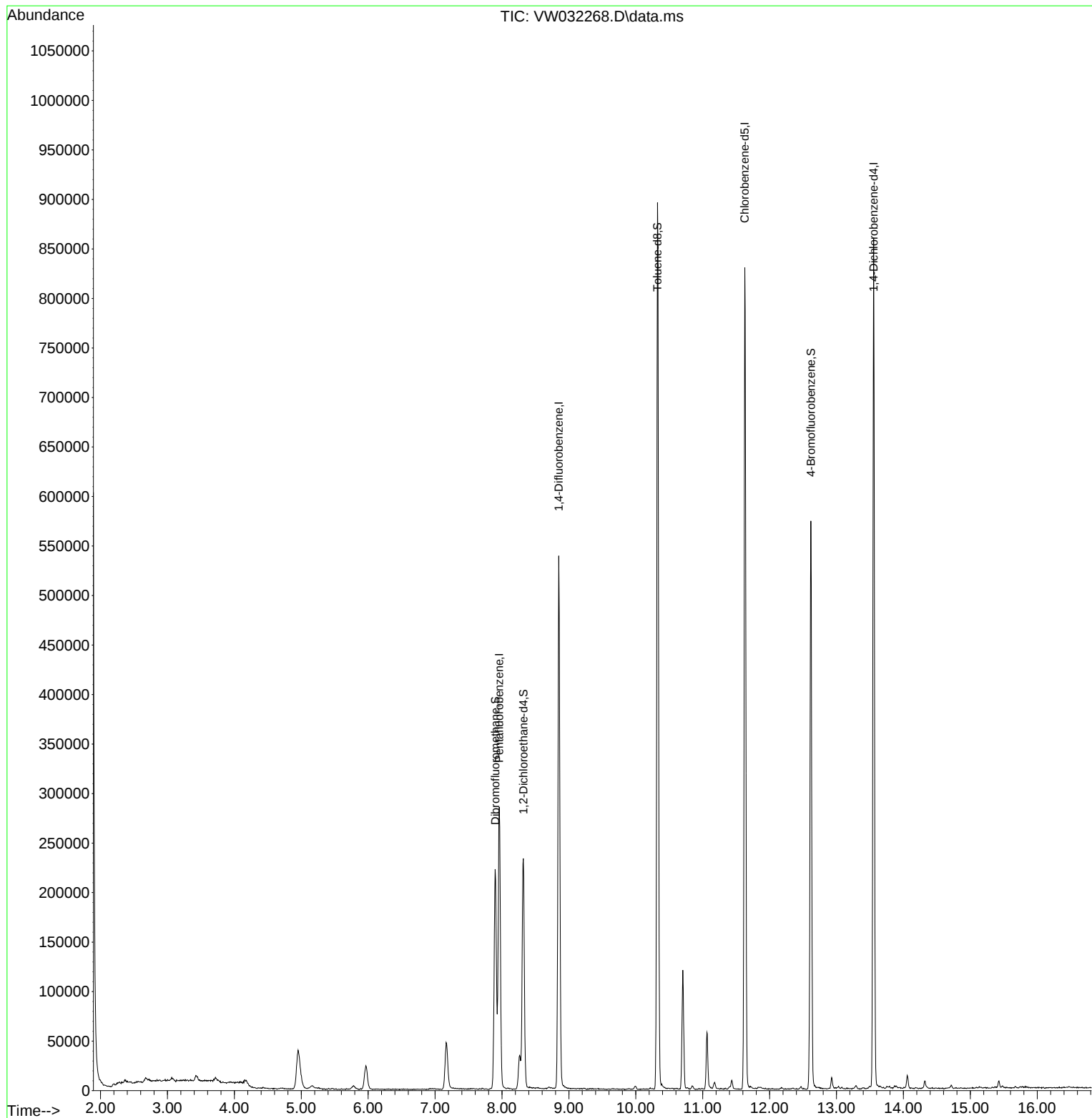
Target Compounds	Qvalue

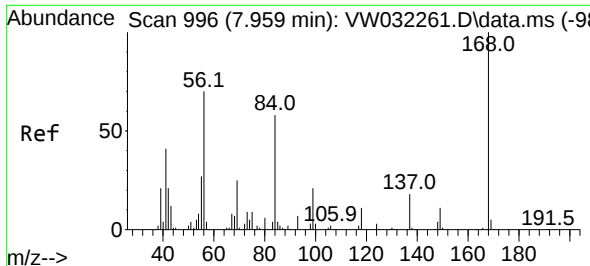
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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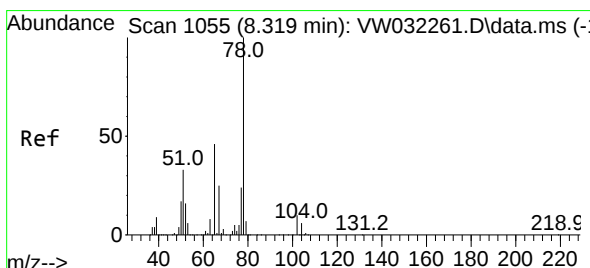
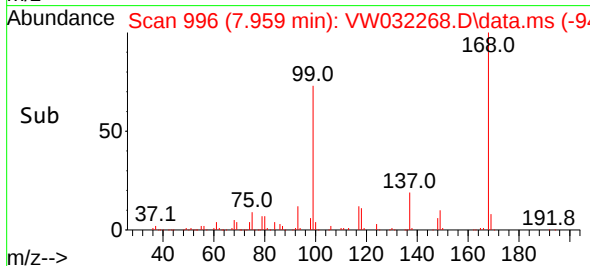
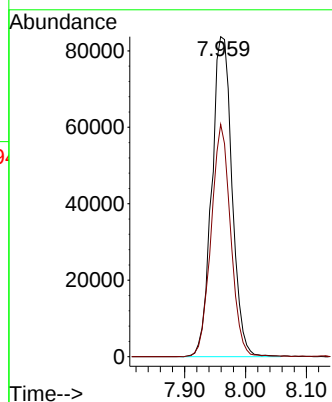
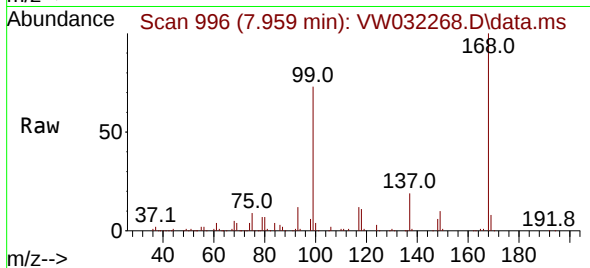




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

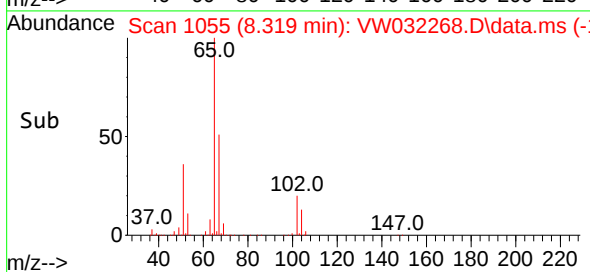
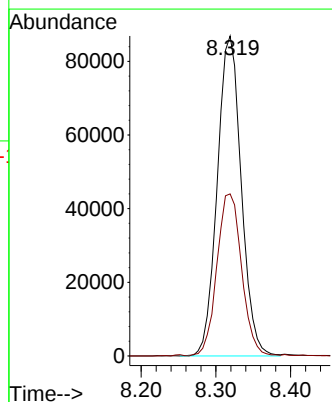
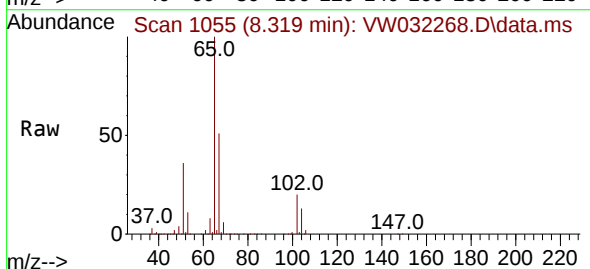
Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

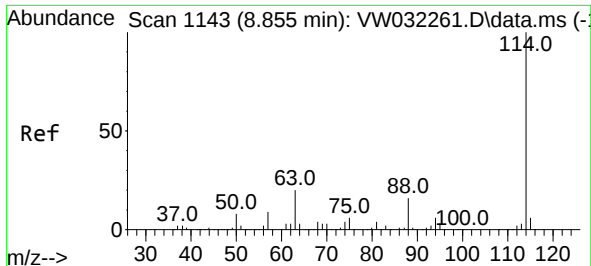
Tgt Ion:168 Resp: 193650
Ion Ratio Lower Upper
168 100
99 72.5 55.0 82.4



#33
1,2-Dichloroethane-d4
Concen: 63.454 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 65 Resp: 194023
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW032268.D

Acq: 26 Sep 2025 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0926SBL01

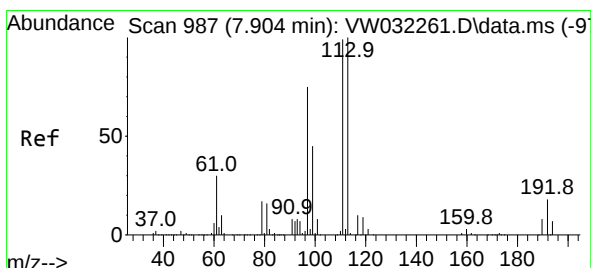
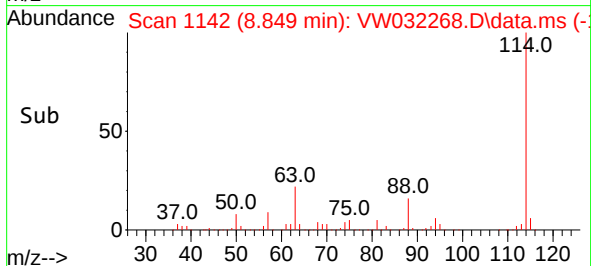
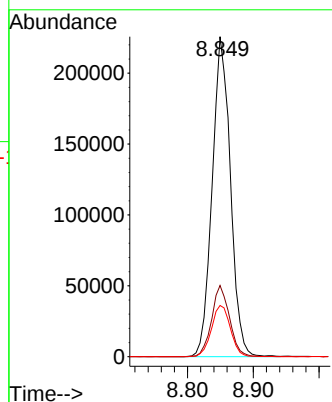
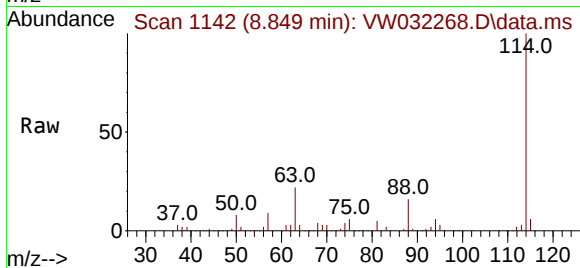
Tgt Ion:114 Resp: 436371

Ion Ratio Lower Upper

114 100

63 22.3 0.0 40.2

88 16.0 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.960 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032268.D

Acq: 26 Sep 2025 09:41

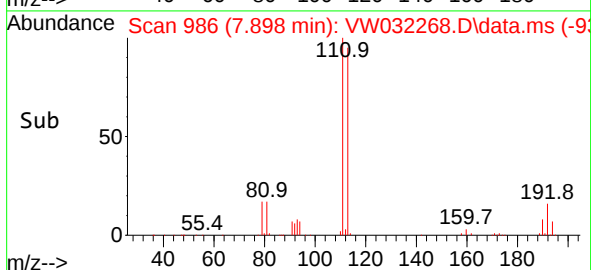
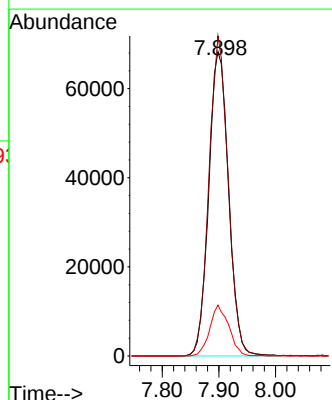
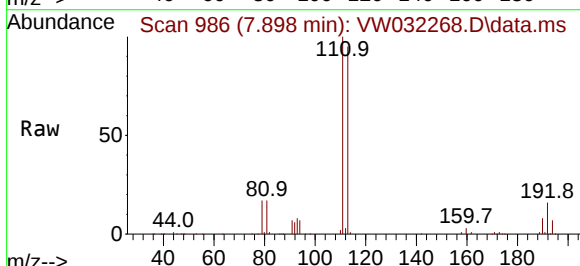
Tgt Ion:113 Resp: 166202

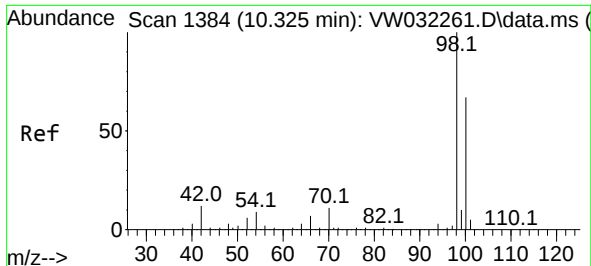
Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.8

192 16.1 13.0 19.4

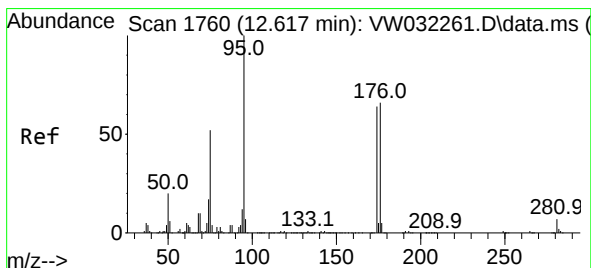
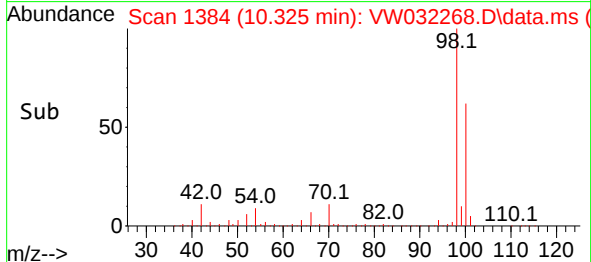
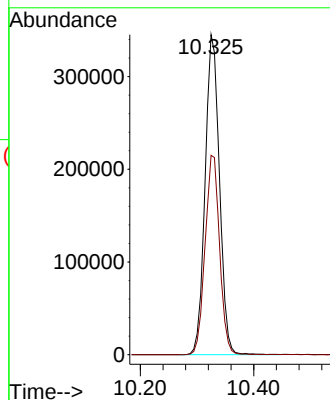
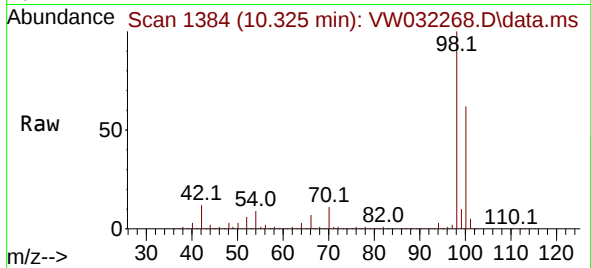




#50
Toluene-d8
Concen: 53.612 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

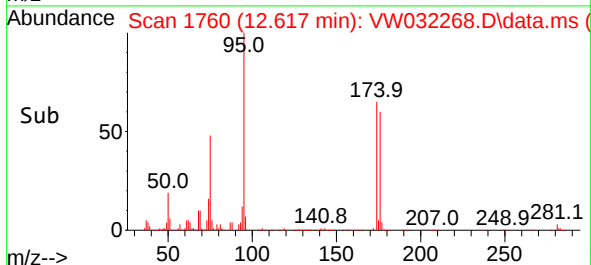
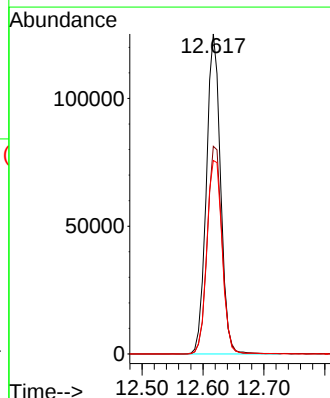
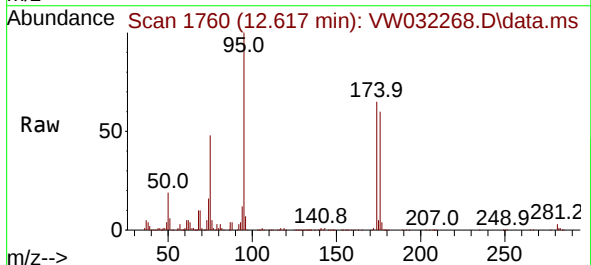
Instrument :
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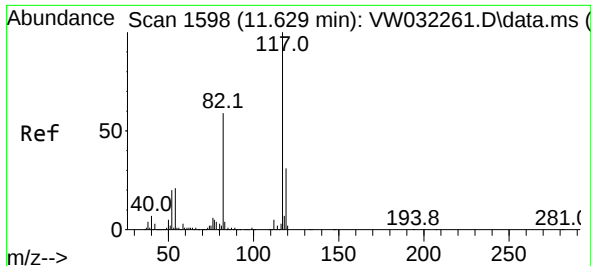
Tgt Ion: 98 Resp: 606362
Ion Ratio Lower Upper
98 100
100 63.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.484 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion: 95 Resp: 202578
Ion Ratio Lower Upper
95 100
174 67.1 0.0 130.6
176 65.1 0.0 127.0

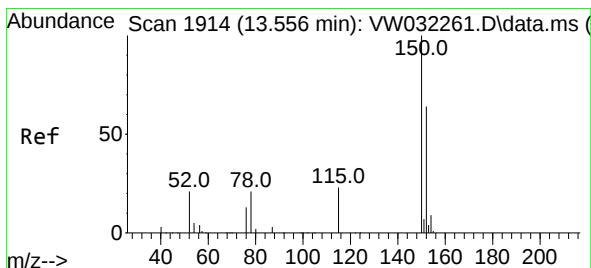
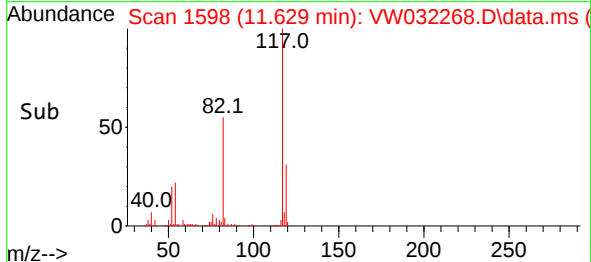
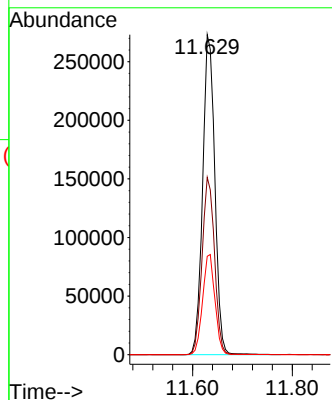
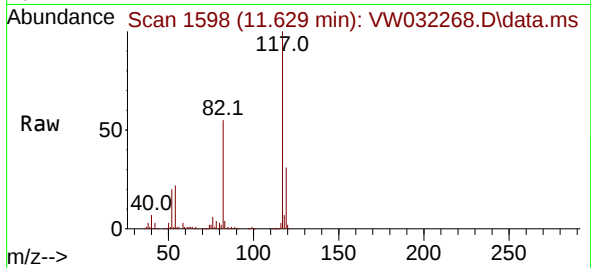




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0926SBL01

Tgt Ion:117 Resp: 462353
Ion Ratio Lower Upper
117 100
82 55.4 46.9 70.3
119 30.7 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032268.D
Acq: 26 Sep 2025 09:41

Tgt Ion:152 Resp: 216659
Ion Ratio Lower Upper
152 100
115 62.7 32.5 97.5
150 152.2 0.0 370.2

