

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW093025\
 Data File : VW032311.D
 Acq On : 30 Sep 2025 18:10
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Oct 01 00:57:10 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	190740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	422620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	424189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	222756	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	173063	57.463	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	114.920%
35) Dibromofluoromethane	7.904	113	146095	48.068	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.140%
50) Toluene-d8	10.331	98	542934	49.566	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	99.140%
62) 4-Bromofluorobenzene	12.617	95	199548	48.296	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	96.600%

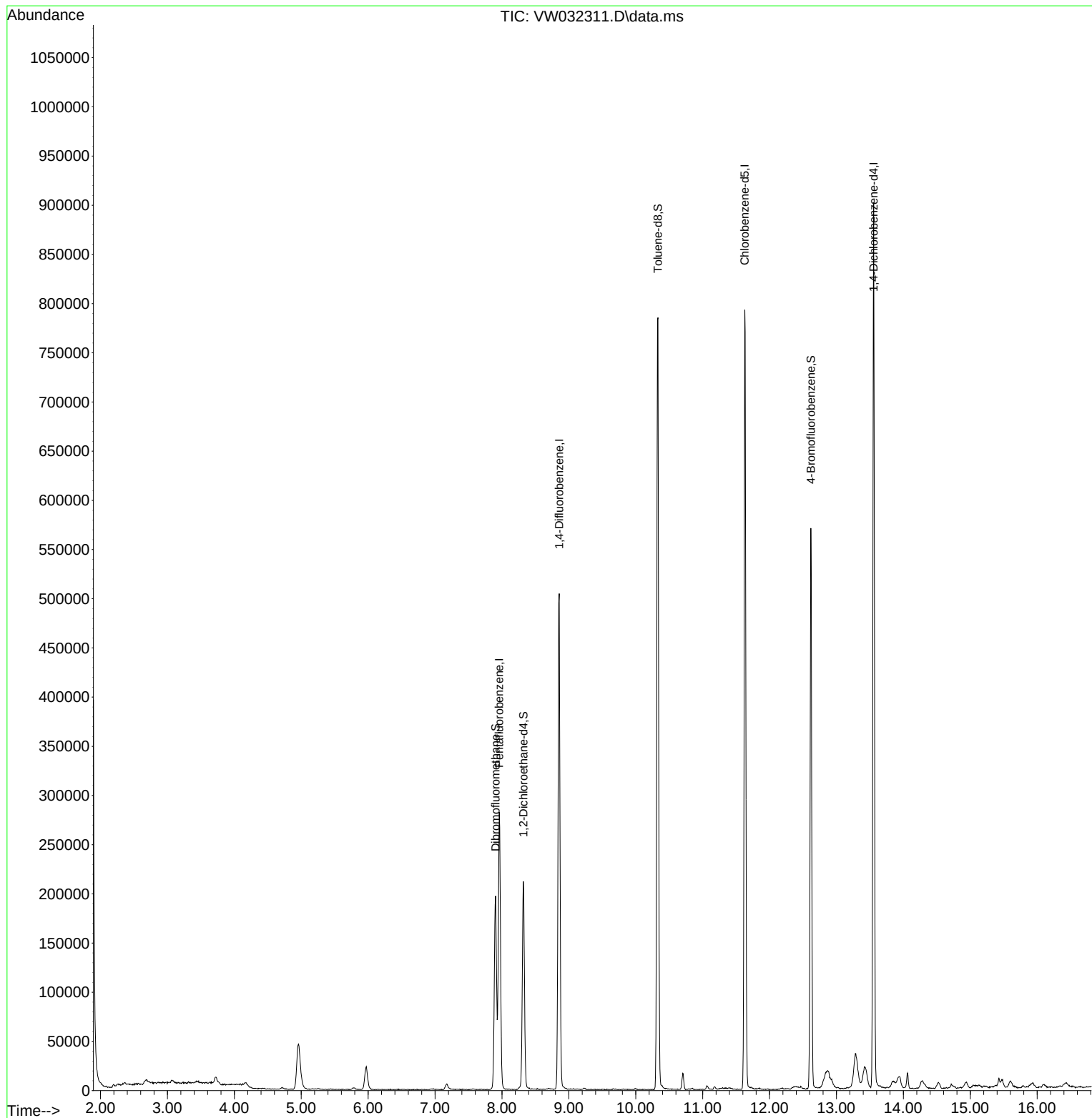
Target Compounds	Qvalue

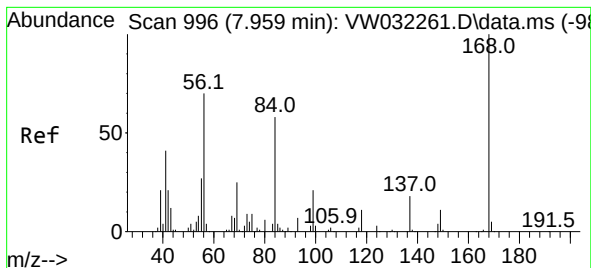
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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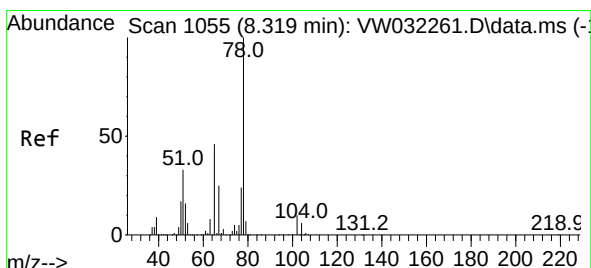
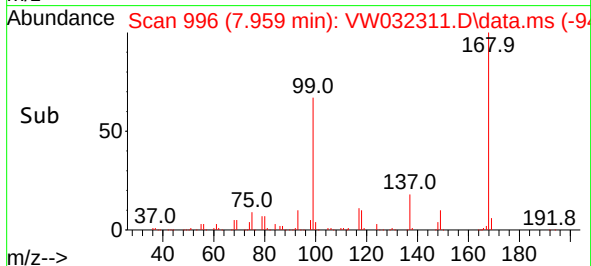
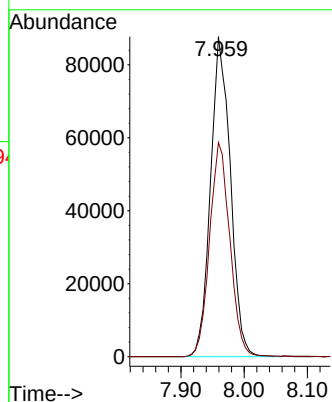
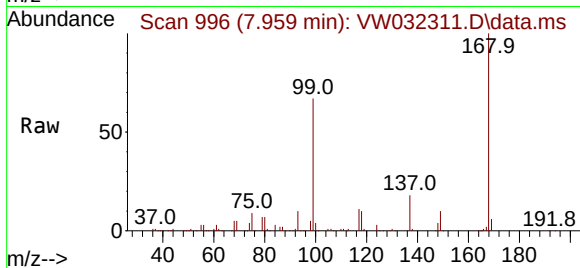




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032311.D
Acq: 30 Sep 2025 18:10

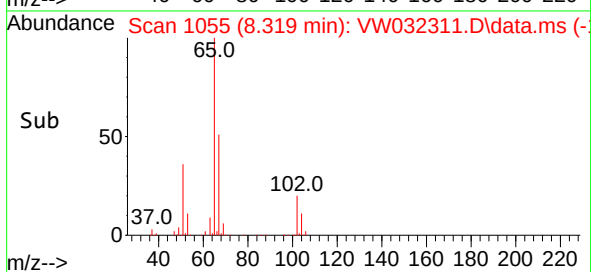
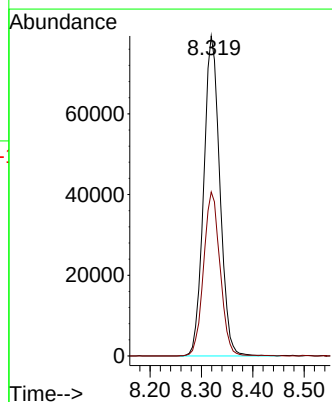
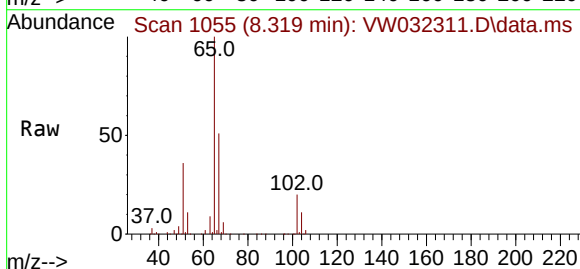
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

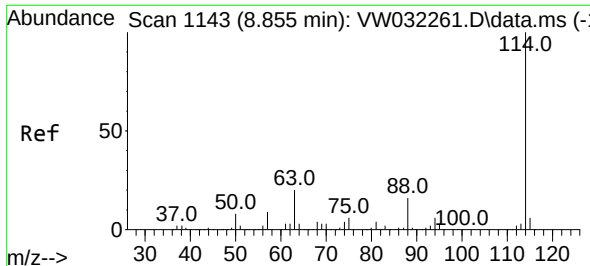
Tgt Ion:168 Resp: 190740
Ion Ratio Lower Upper
168 100
99 67.0 55.0 82.4



#33
1,2-Dichloroethane-d4
Concen: 57.463 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032311.D
Acq: 30 Sep 2025 18:10

Tgt Ion: 65 Resp: 173063
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

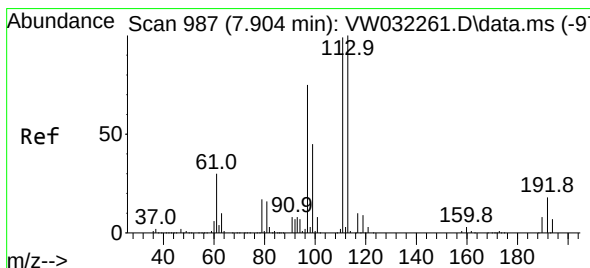
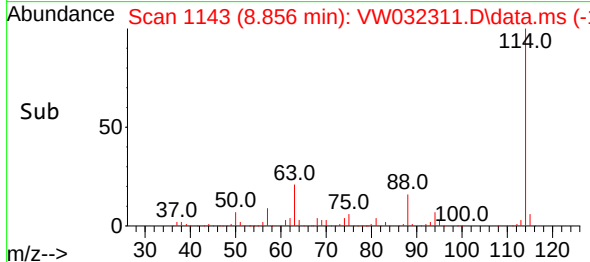
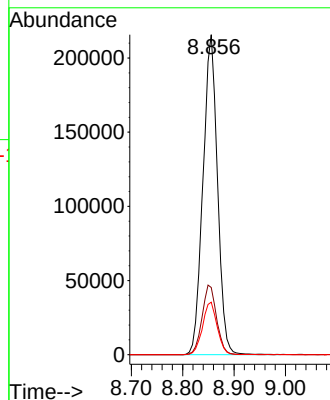
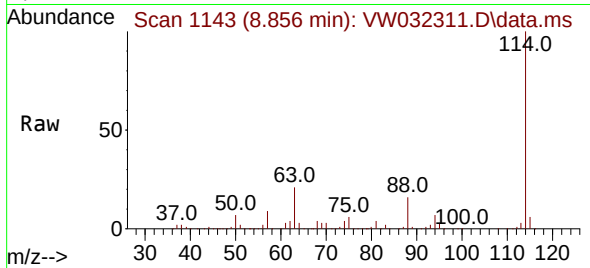




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VW032311.D
Acq: 30 Sep 2025 18:10

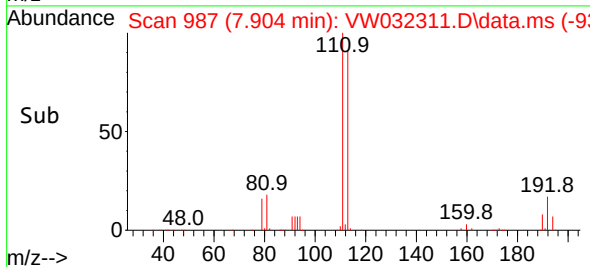
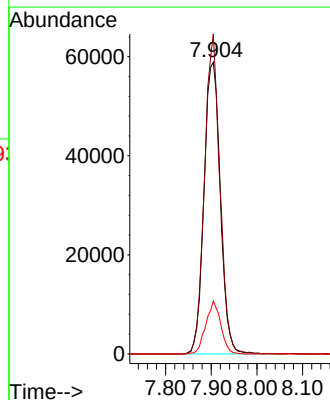
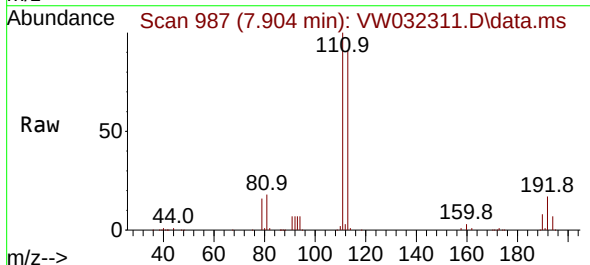
Instrument :
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ClientSampleId :
VIBLK

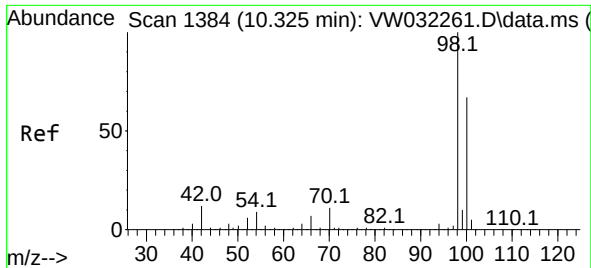
Tgt Ion:114 Resp: 422620
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.2
88 16.4 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.068 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032311.D
Acq: 30 Sep 2025 18:10

Tgt Ion:113 Resp: 146095
Ion Ratio Lower Upper
113 100
111 103.0 81.8 122.8
192 16.6 13.0 19.4

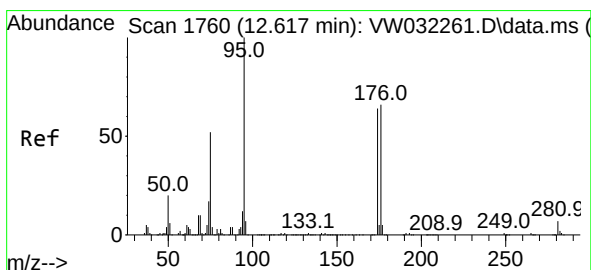
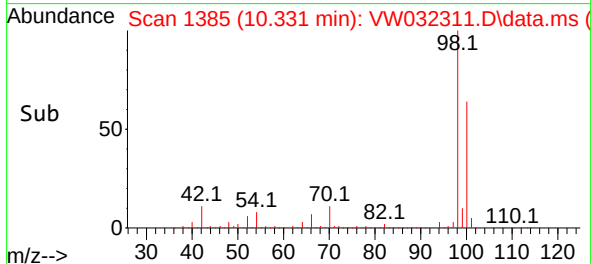
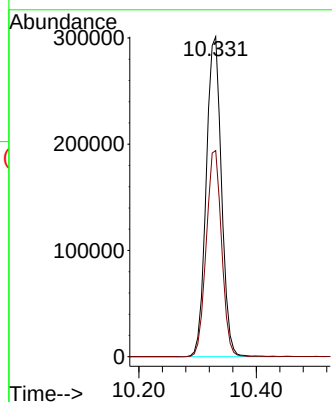
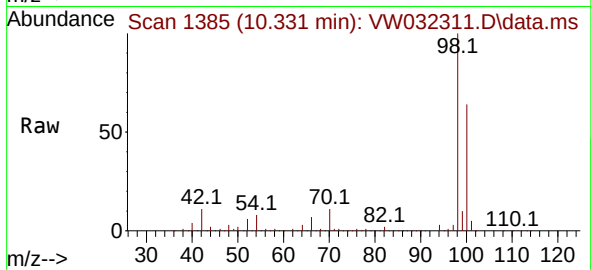




#50
Toluene-d8
Concen: 49.566 ug/l
RT: 10.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW032311.D
Acq: 30 Sep 2025 18:10

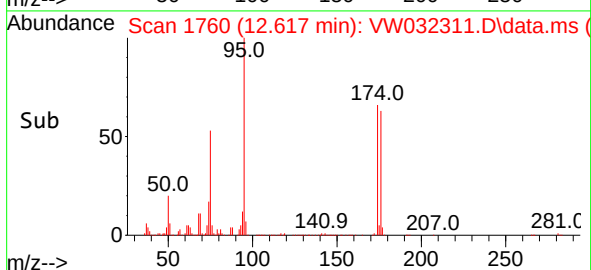
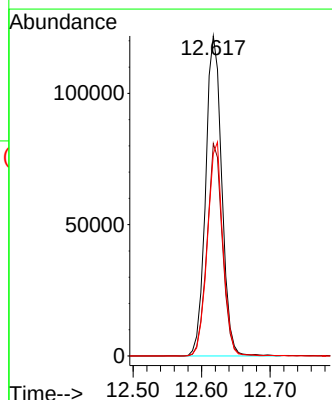
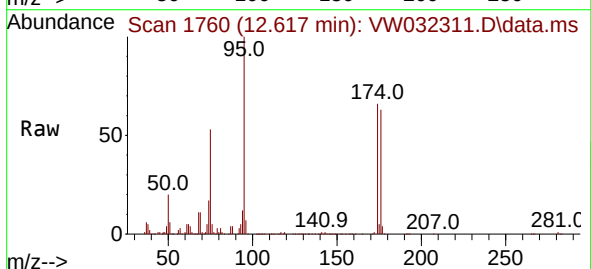
Instrument :
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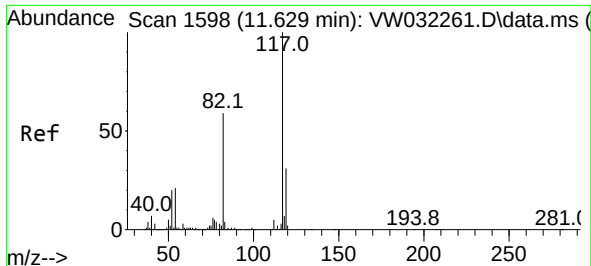
Tgt Ion: 98 Resp: 542934
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.296 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032311.D
Acq: 30 Sep 2025 18:10

Tgt Ion: 95 Resp: 199548
Ion Ratio Lower Upper
95 100
174 63.8 0.0 130.6
176 64.2 0.0 127.0

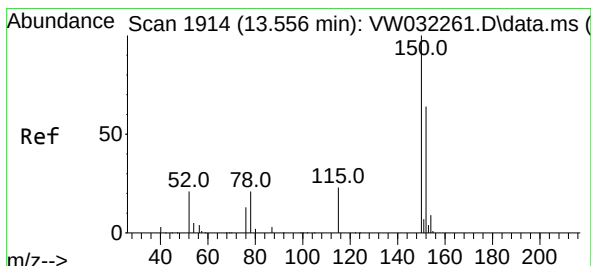
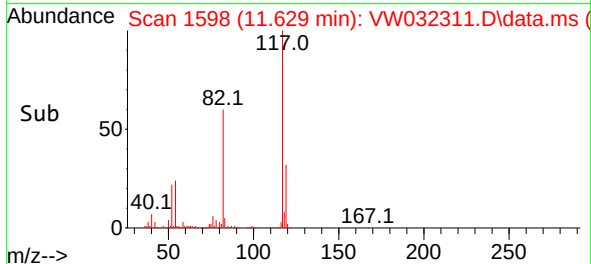
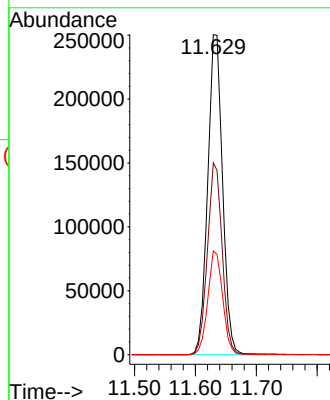
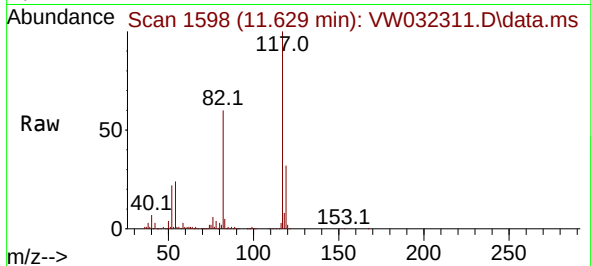




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032311.D
Acq: 30 Sep 2025 18:10

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 424189
Ion Ratio Lower Upper
117 100
82 59.9 46.9 70.3
119 32.4 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: VW032311.D
Acq: 30 Sep 2025 18:10

Tgt Ion:152 Resp: 222756
Ion Ratio Lower Upper
152 100
115 65.3 32.5 97.5
150 159.4 0.0 370.2

