

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032224.D
 Acq On : 22 Sep 2025 10:27
 Operator : SY/MD
 Sample : VW0922SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBL01

Quant Time: Sep 23 10:29:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	157714	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	321952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	326905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	151656	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	148101	65.662	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	131.320%
35) Dibromofluoromethane	7.898	113	125719	55.658	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	111.320%
50) Toluene-d8	10.325	98	445779	56.218	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	112.440%
62) 4-Bromofluorobenzene	12.617	95	150343	51.274	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.540%

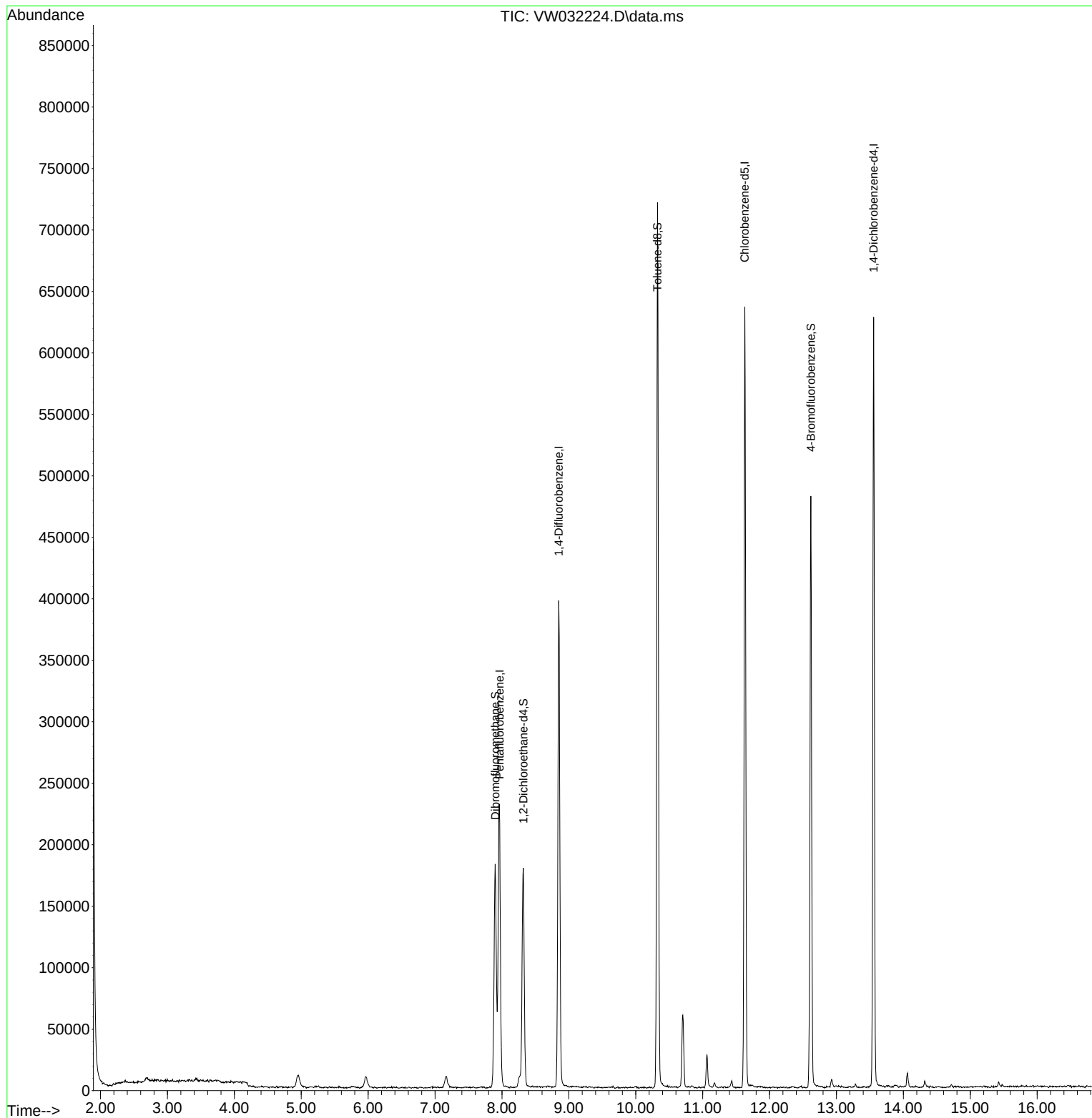
Target Compounds	Qvalue

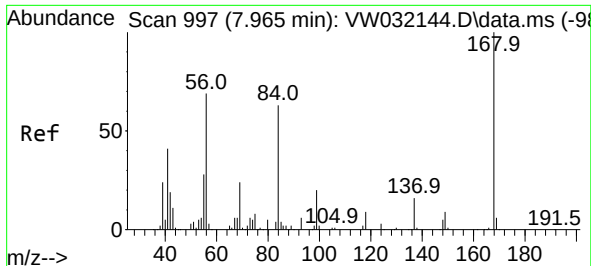
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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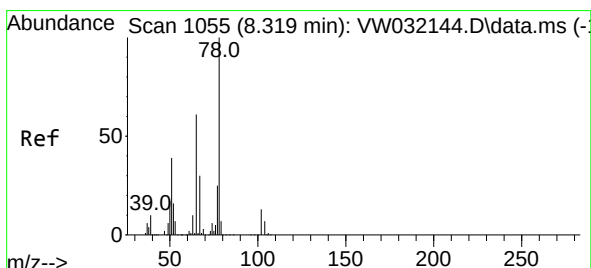
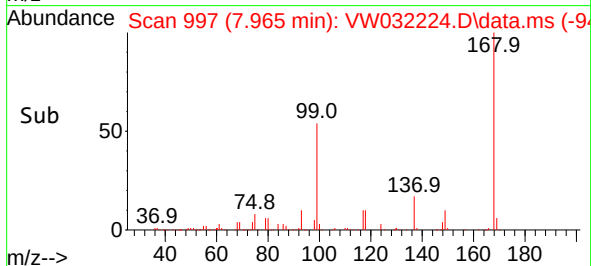
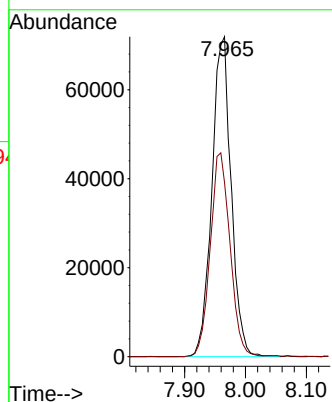
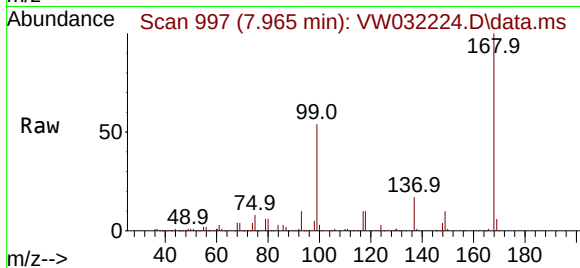




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

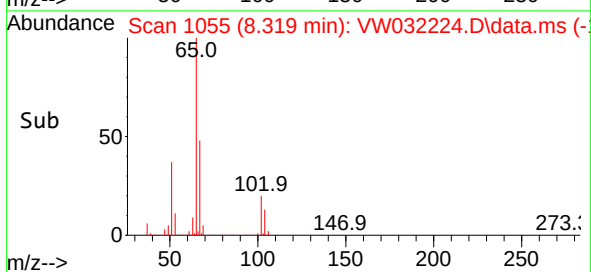
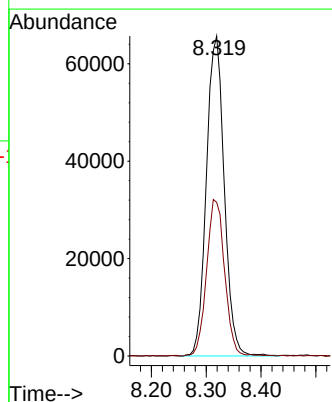
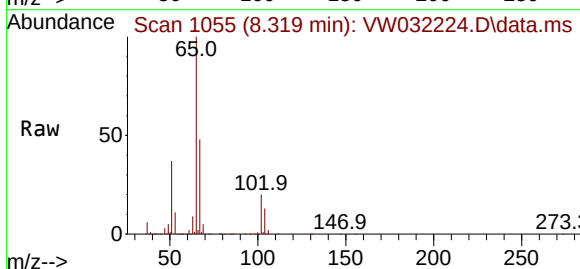
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

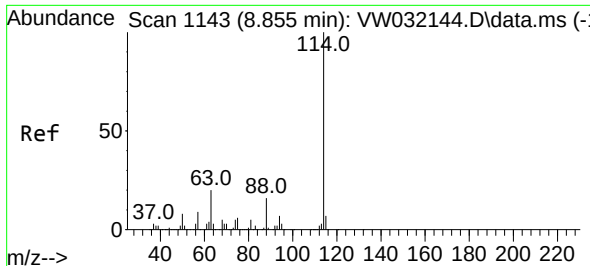
Tgt Ion:168 Resp: 157714
Ion Ratio Lower Upper
168 100
99 54.4 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 65.662 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion: 65 Resp: 148101
Ion Ratio Lower Upper
65 100
67 49.5 0.0 99.6

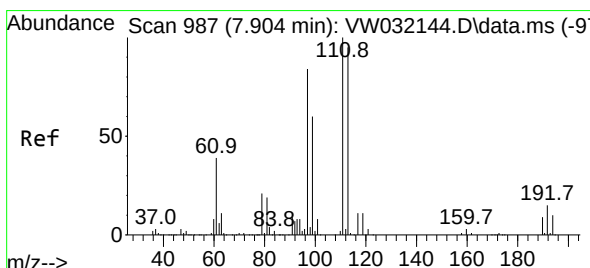
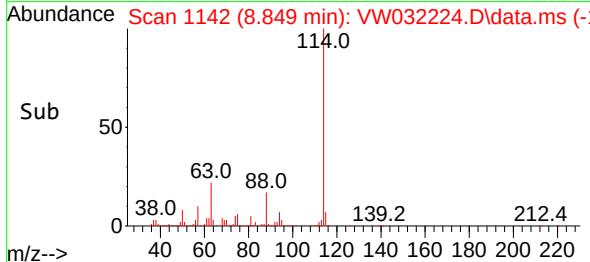
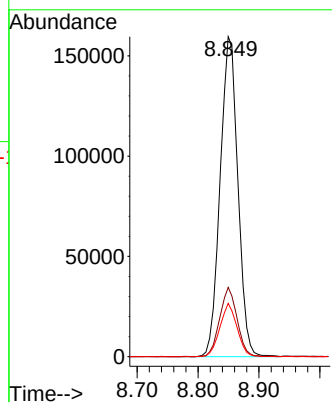
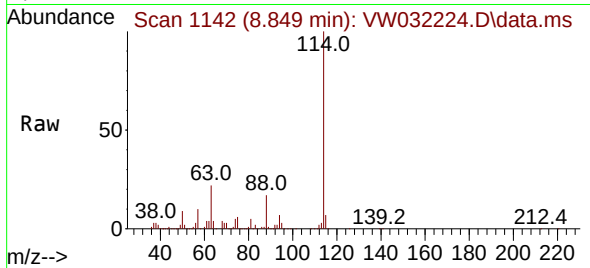




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032224.D
 Acq: 22 Sep 2025 10:27

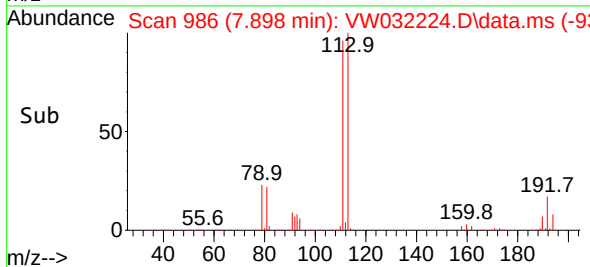
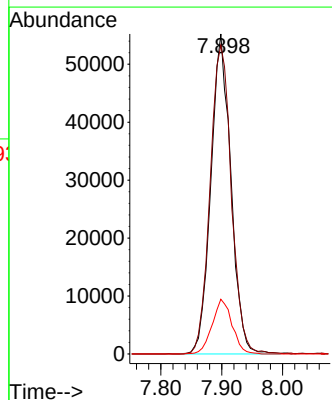
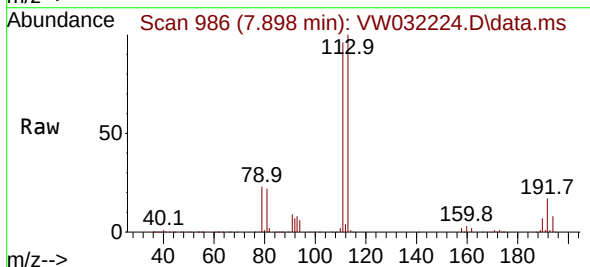
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0922SBL01

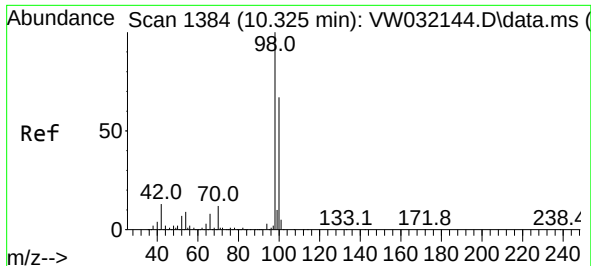
Tgt Ion:114 Resp: 321952
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 40.4
 88 16.7 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 55.658 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032224.D
 Acq: 22 Sep 2025 10:27

Tgt Ion:113 Resp: 125719
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.9 125.9
 192 17.0 14.6 21.8

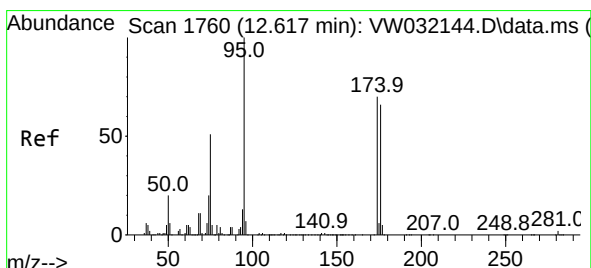
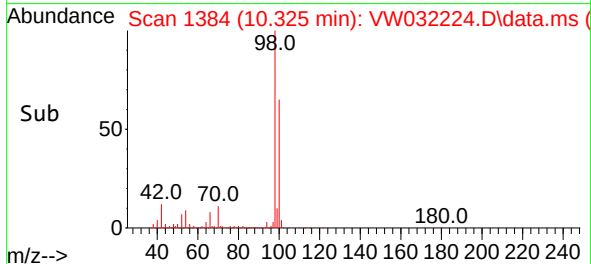
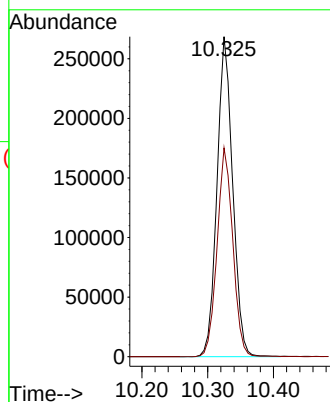
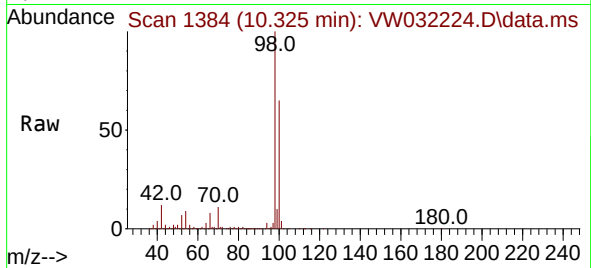




#50
Toluene-d8
Concen: 56.218 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

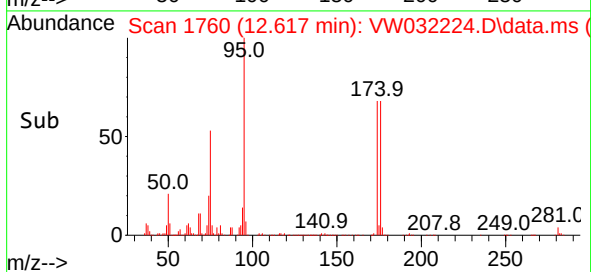
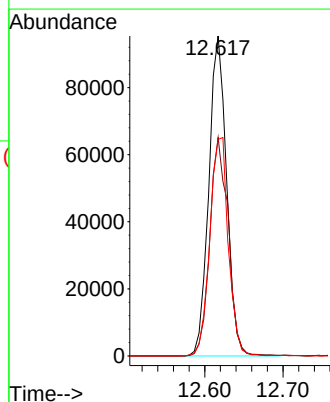
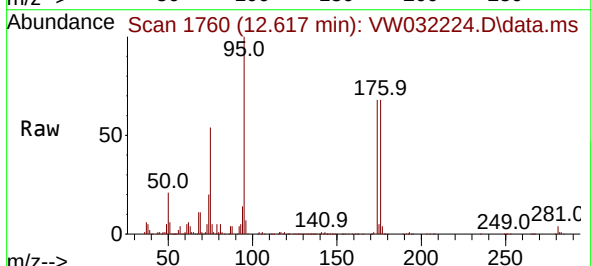
Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

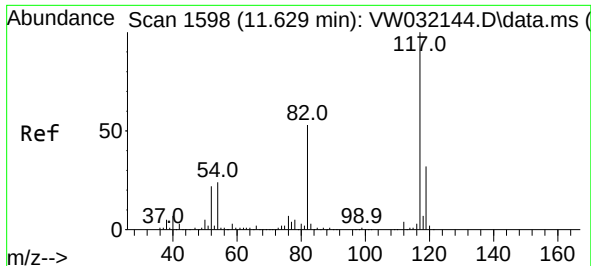
Tgt Ion: 98 Resp: 445779
Ion Ratio Lower Upper
98 100
100 65.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 51.274 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion: 95 Resp: 150343
Ion Ratio Lower Upper
95 100
174 71.1 0.0 145.6
176 71.2 0.0 140.8

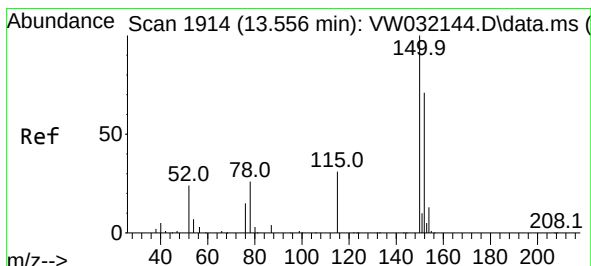
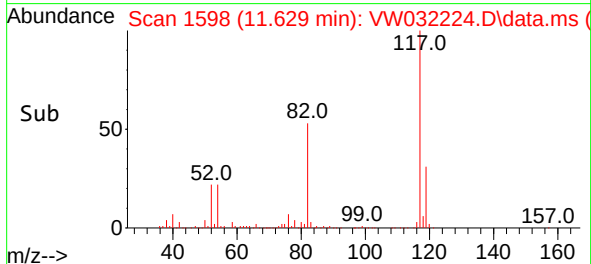
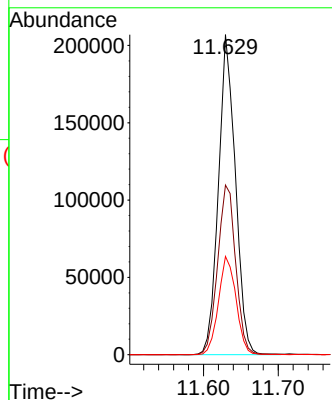
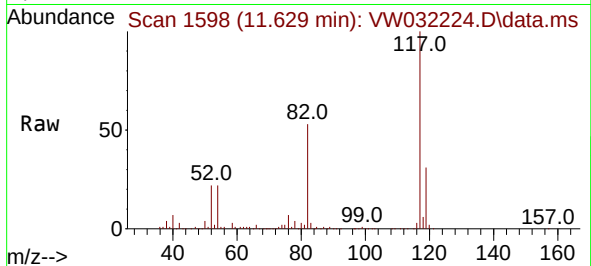




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Instrument :
MSVOA_W
ClientSampleId :
VW0922SBL01

Tgt Ion:117 Resp: 326905
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW032224.D
Acq: 22 Sep 2025 10:27

Tgt Ion:152 Resp: 151656
Ion Ratio Lower Upper
152 100
115 61.8 31.8 95.4
150 161.1 0.0 343.0

