

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032094.D
 Acq On : 14 Aug 2025 15:24
 Operator : SY/MD
 Sample : Q2820-11
 Misc : 6.37g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 10PC-W

Quant Time: Aug 18 03:53:43 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	137313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	286341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	284239	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	145639	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	118763	59.802	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	119.600%
35) Dibromofluoromethane	7.898	113	102258	55.278	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.560%
50) Toluene-d8	10.325	98	343997	50.276	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.560%
62) 4-Bromofluorobenzene	12.617	95	132784	52.662	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	105.320%

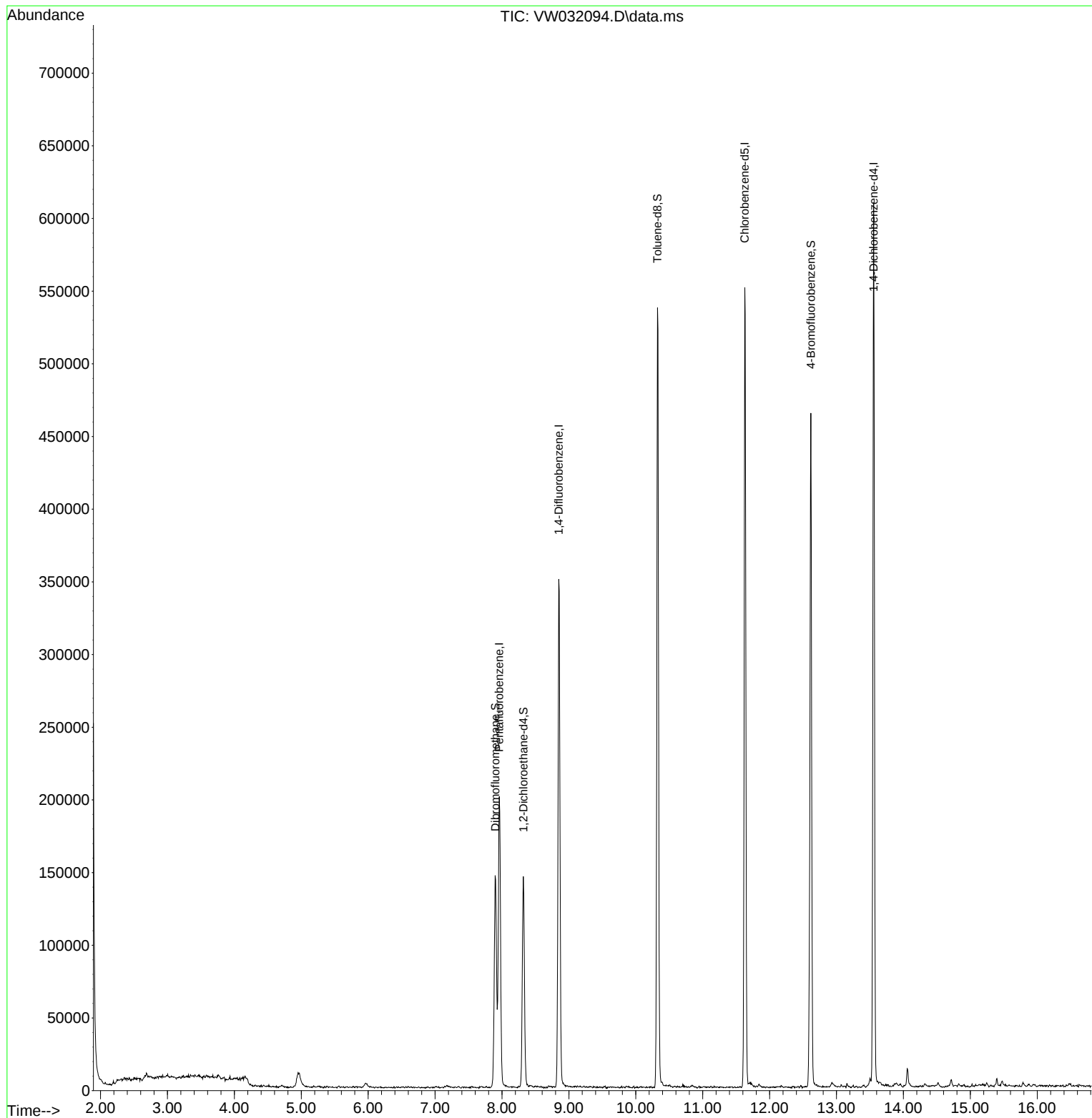
Target Compounds	Qvalue

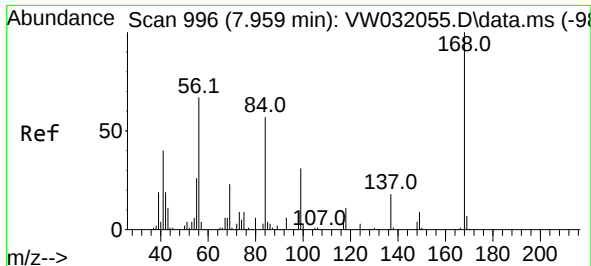
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
Data File : VW032094.D
Acq On : 14 Aug 2025 15:24
Operator : SY/MD
Sample : Q2820-11
Misc : 6.37g/5mL/MSVOA_W/SOIL/A
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
10PC-W

Quant Time: Aug 18 03:53:43 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

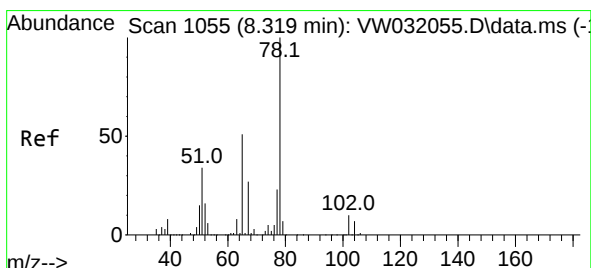
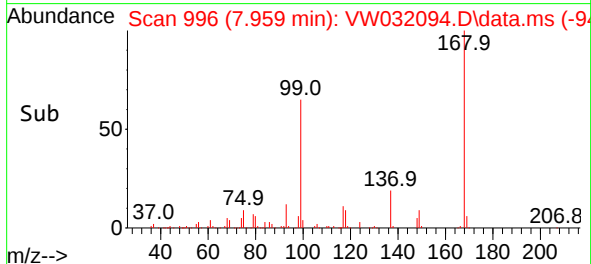
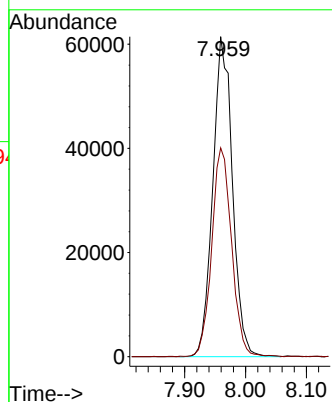
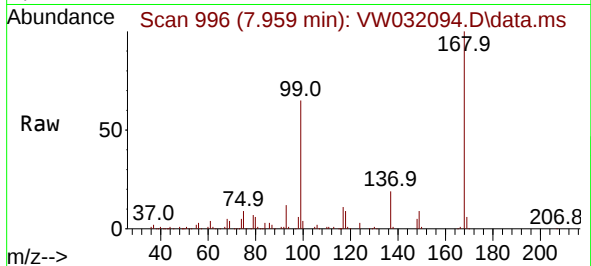




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032094.D
Acq: 14 Aug 2025 15:24

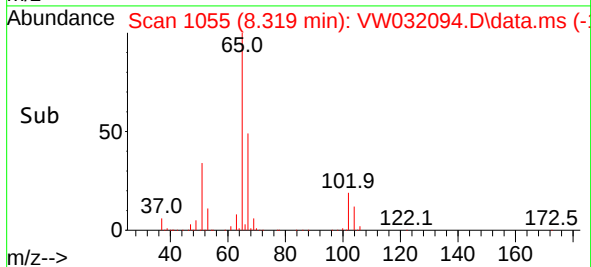
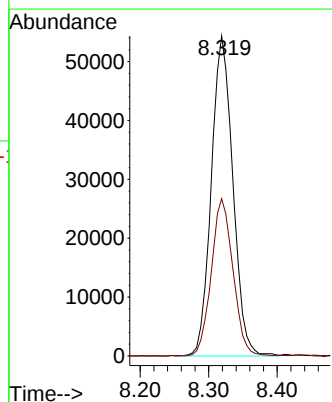
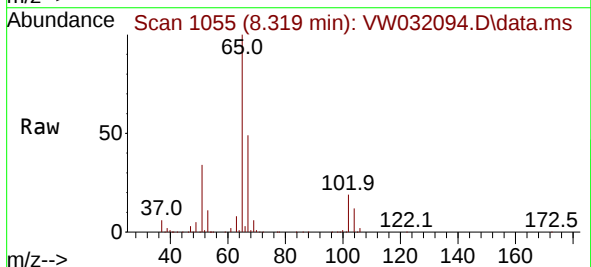
Instrument :
MSVOA_W
ClientSampleId :
10PC-W

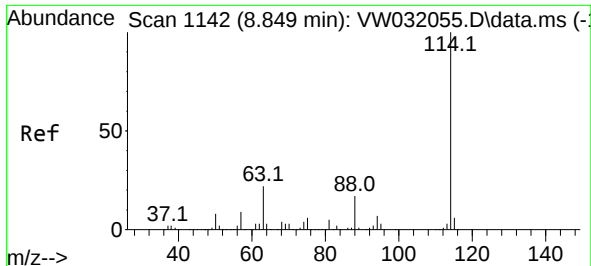
Tgt Ion:168 Resp: 137313
Ion Ratio Lower Upper
168 100
99 65.1 56.0 84.0



#33
1,2-Dichloroethane-d4
Concen: 59.802 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032094.D
Acq: 14 Aug 2025 15:24

Tgt Ion: 65 Resp: 118763
Ion Ratio Lower Upper
65 100
67 49.4 0.0 102.4

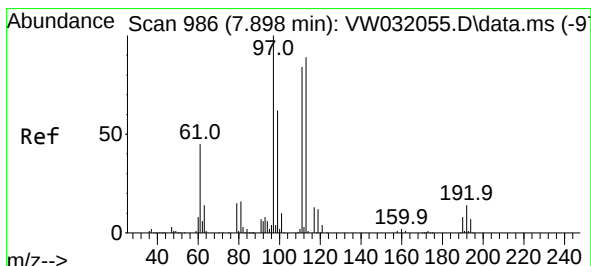
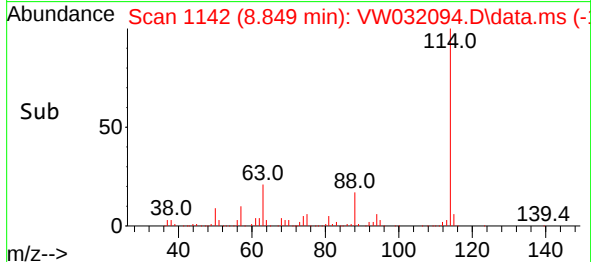
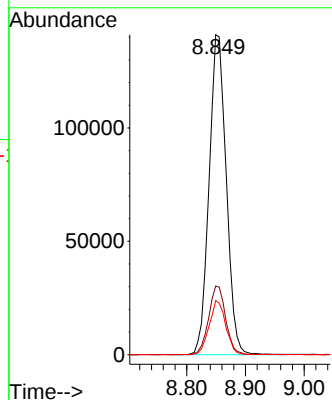
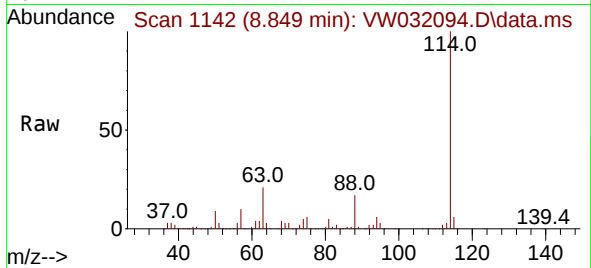




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VW032094.D
Acq: 14 Aug 2025 15:24

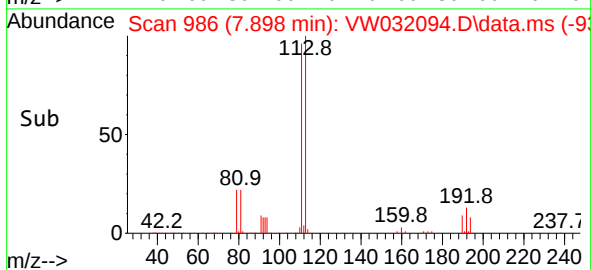
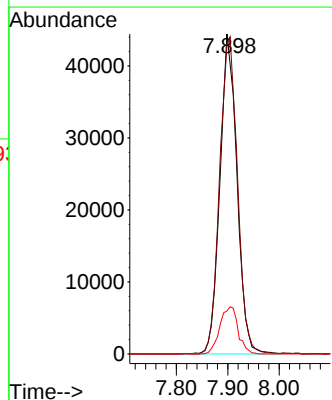
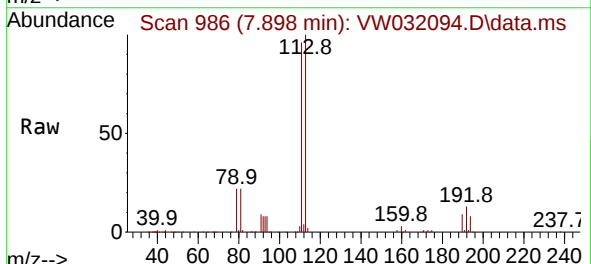
Instrument :
MSVOA_W
ClientSampleId :
10PC-W

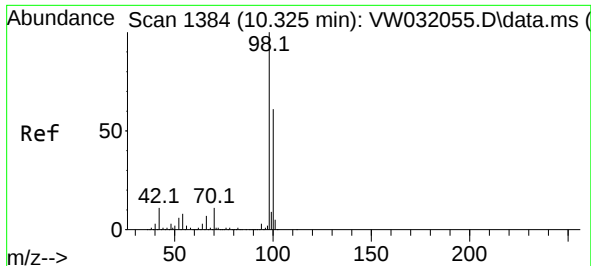
Tgt Ion:114 Resp: 286341
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.0
88 16.9 0.0 33.8



#35
Dibromofluoromethane
Concen: 55.278 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.000 min
Lab File: VW032094.D
Acq: 14 Aug 2025 15:24

Tgt Ion:113 Resp: 102258
Ion Ratio Lower Upper
113 100
111 103.8 80.1 120.1
192 15.8 13.1 19.7

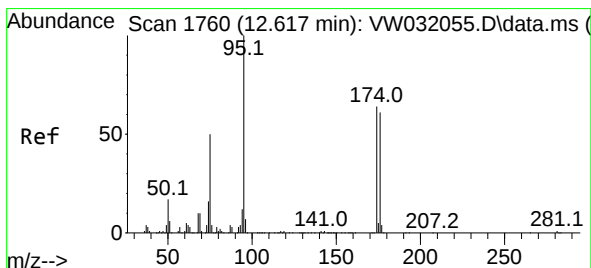
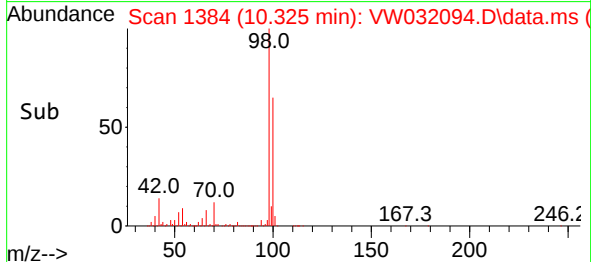
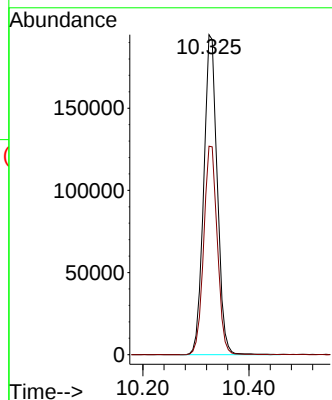
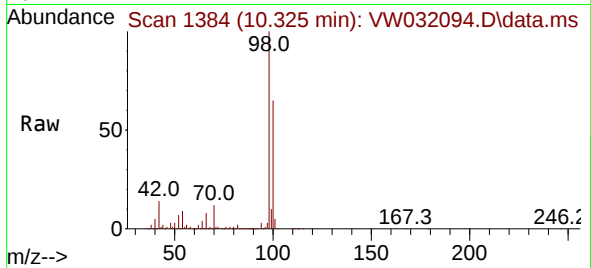




#50
Toluene-d8
Concen: 50.276 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032094.D
Acq: 14 Aug 2025 15:24

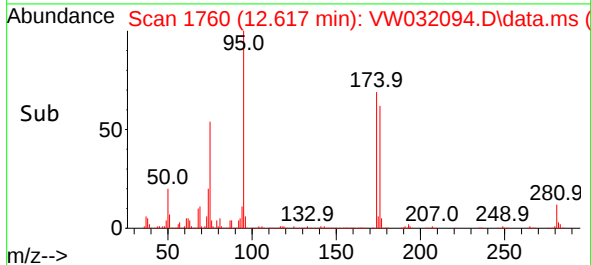
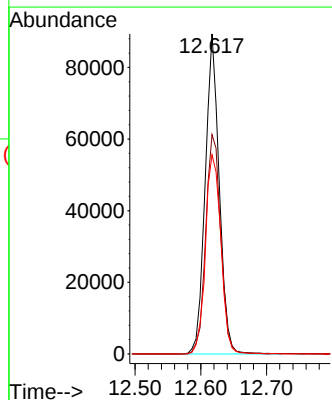
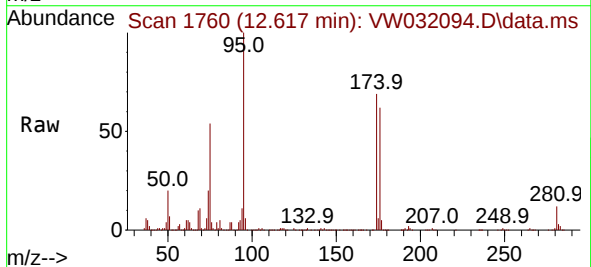
Instrument :
MSVOA_W
ClientSampleId :
10PC-W

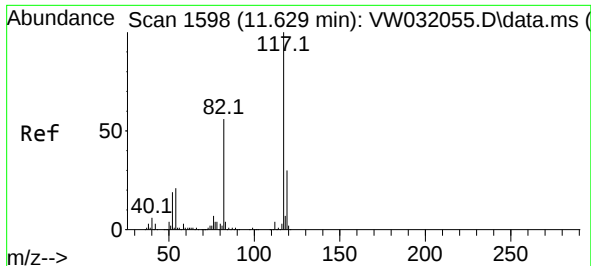
Tgt Ion: 98 Resp: 343997
Ion Ratio Lower Upper
98 100
100 65.6 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 52.662 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032094.D
Acq: 14 Aug 2025 15:24

Tgt Ion: 95 Resp: 132784
Ion Ratio Lower Upper
95 100
174 73.6 0.0 129.0
176 68.2 0.0 124.6

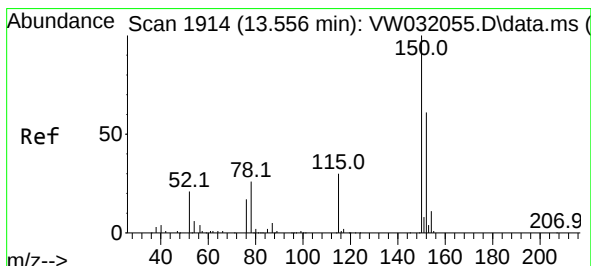
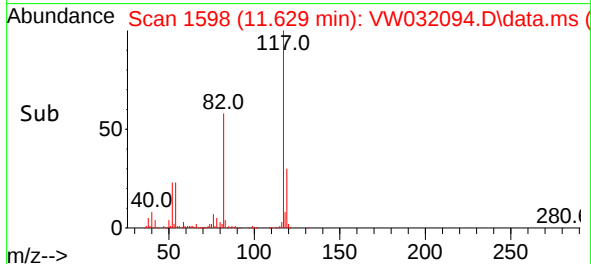
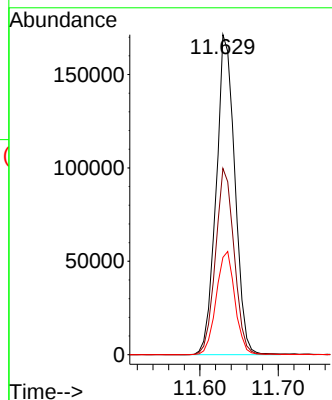
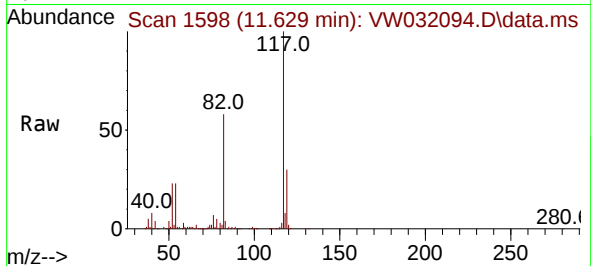




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032094.D
Acq: 14 Aug 2025 15:24

Instrument :
MSVOA_W
ClientSampleId :
10PC-W

Tgt Ion:117 Resp: 284239
Ion Ratio Lower Upper
117 100
82 58.2 45.0 67.4
119 30.4 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: VW032094.D
Acq: 14 Aug 2025 15:24

Tgt Ion:152 Resp: 145639
Ion Ratio Lower Upper
152 100
115 64.5 32.6 97.8
150 159.1 0.0 359.4

