

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092325\
 Data File : VW032235.D
 Acq On : 23 Sep 2025 11:12
 Operator : SY/MD
 Sample : VW0923SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBL01

Quant Time: Sep 24 03:45:05 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	7.959	168	144157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	287537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	302439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	151222	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	131377	63.725	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	127.440%
35) Dibromofluoromethane	7.898	113	111679	55.360	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.720%
50) Toluene-d8	10.325	98	379794	53.629	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	107.260%
62) 4-Bromofluorobenzene	12.617	95	124735	47.632	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.260%

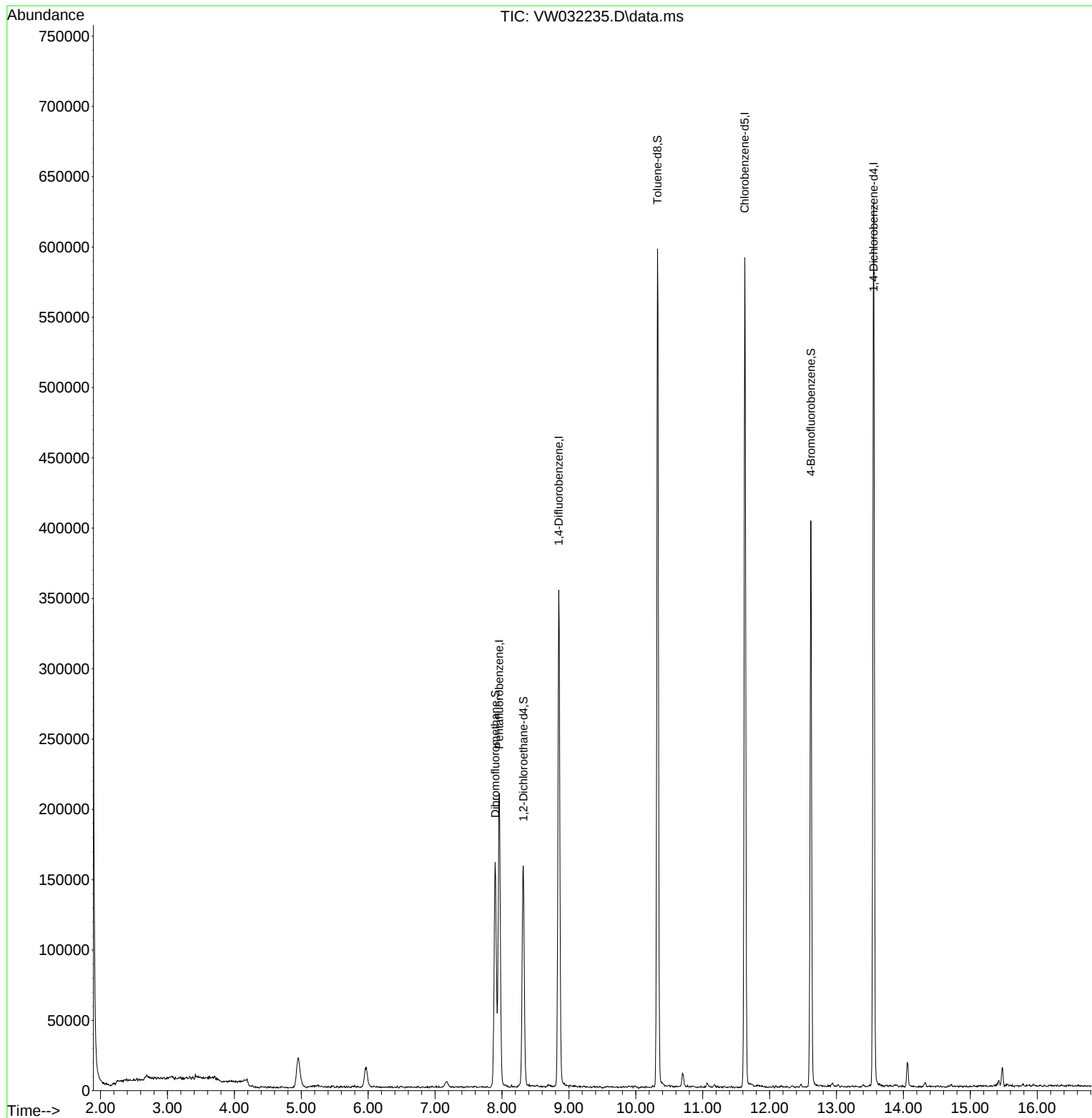
Target Compounds	Qvalue

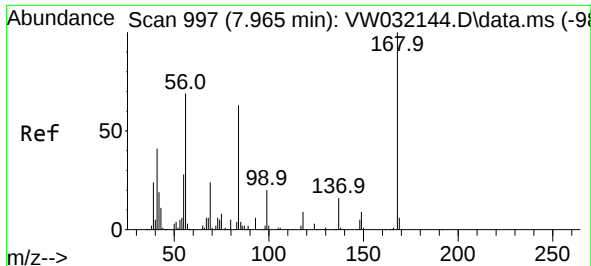
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092325\
Data File : VW032235.D
Acq On : 23 Sep 2025 11:12
Operator : SY/MD
Sample : VW0923SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBL01

Quant Time: Sep 24 03:45:05 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

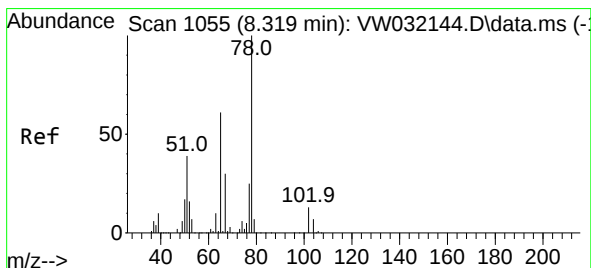
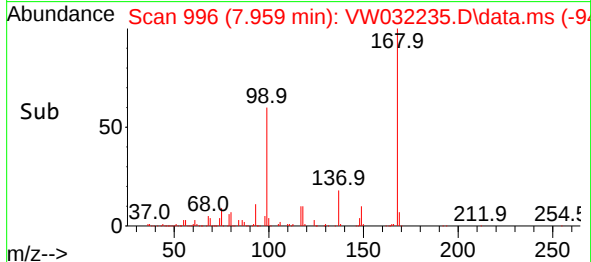
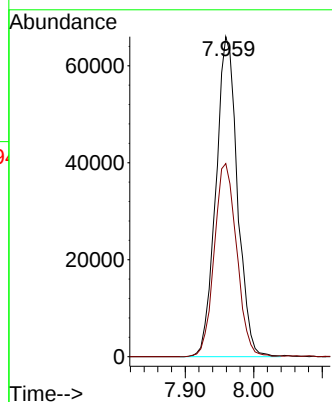
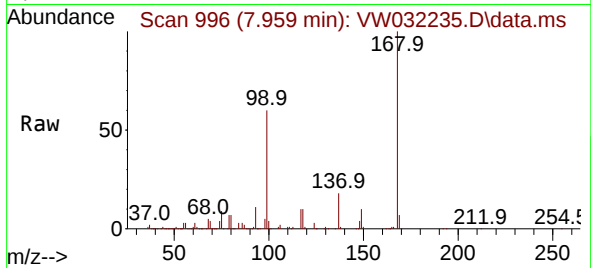




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032235.D
Acq: 23 Sep 2025 11:12

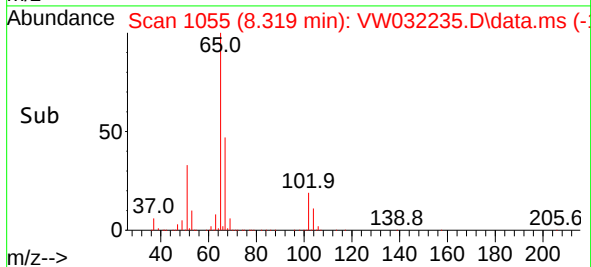
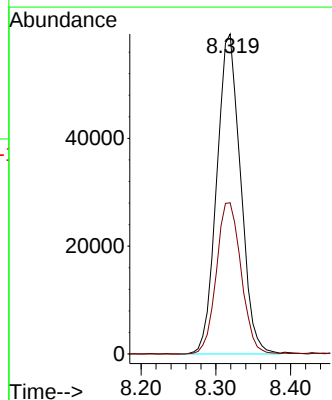
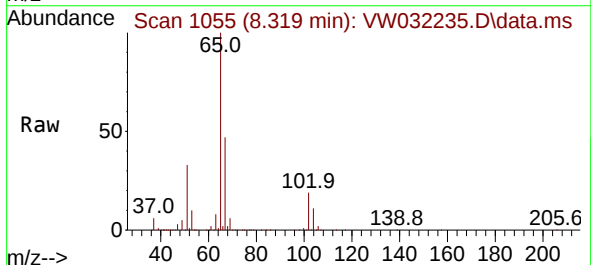
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBL01

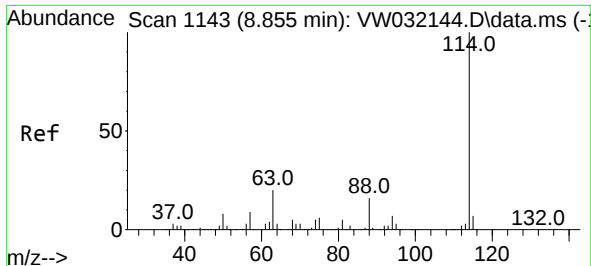
Tgt Ion:168 Resp: 144157
Ion Ratio Lower Upper
168 100
99 60.2 49.3 73.9



#33
1,2-Dichloroethane-d4
Concen: 63.725 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032235.D
Acq: 23 Sep 2025 11:12

Tgt Ion: 65 Resp: 131377
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.6

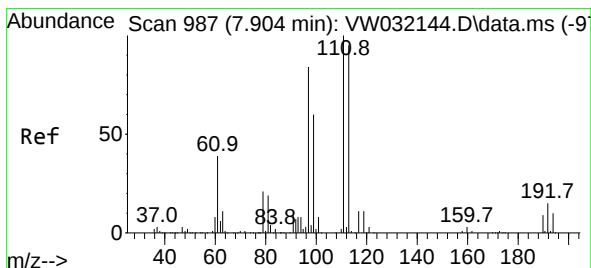
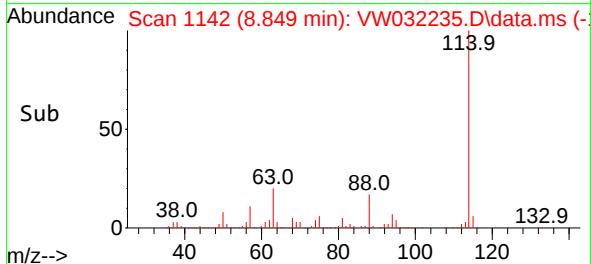
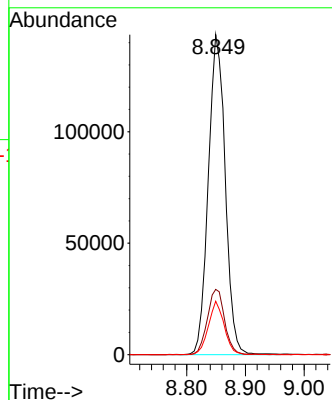
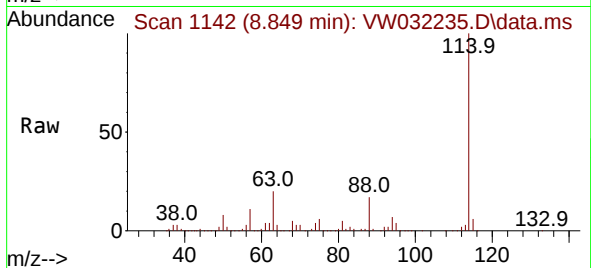




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VW032235.D
Acq: 23 Sep 2025 11:12

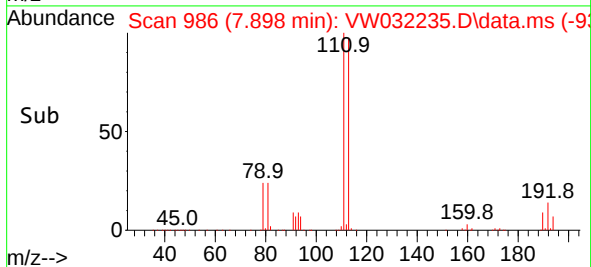
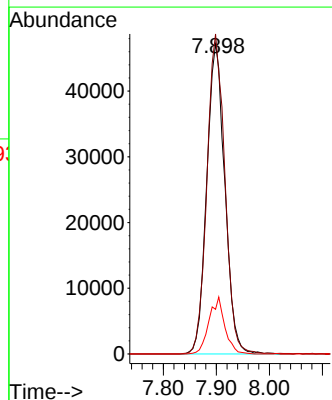
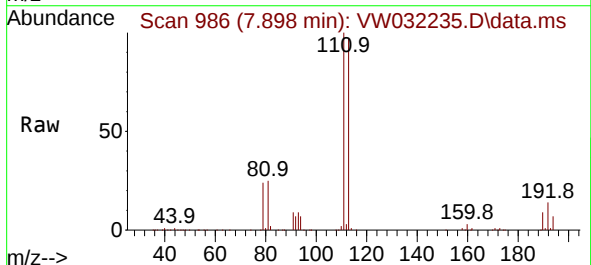
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBL01

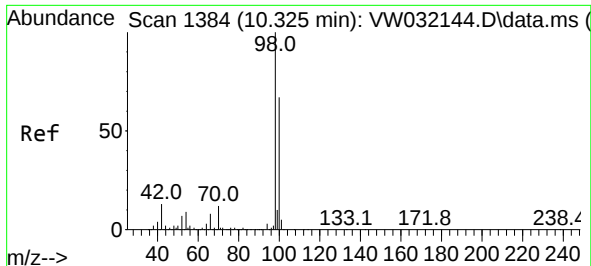
Tgt Ion:114 Resp: 287537
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.4
88 16.7 0.0 32.0



#35
Dibromofluoromethane
Concen: 55.360 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032235.D
Acq: 23 Sep 2025 11:12

Tgt Ion:113 Resp: 111679
Ion Ratio Lower Upper
113 100
111 102.5 83.9 125.9
192 16.1 14.6 21.8

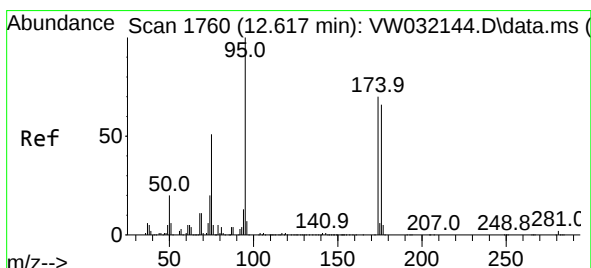
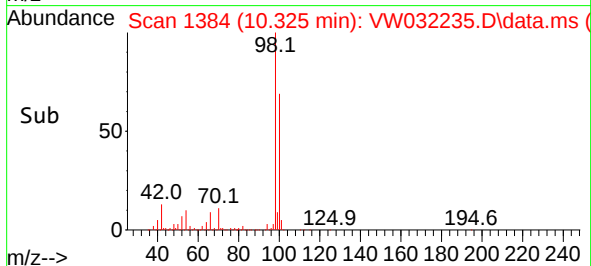
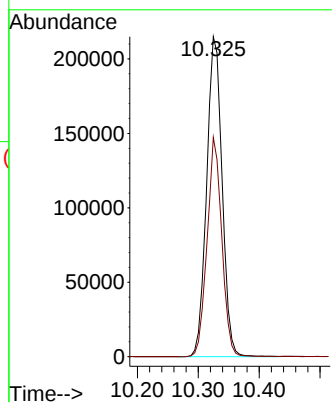
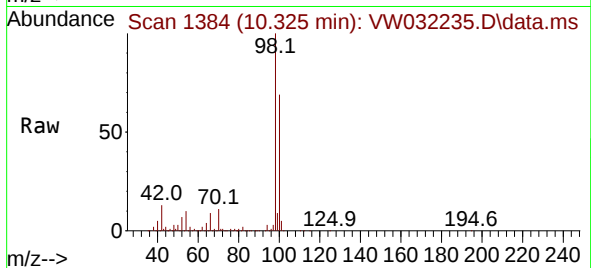




#50
Toluene-d8
Concen: 53.629 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032235.D
Acq: 23 Sep 2025 11:12

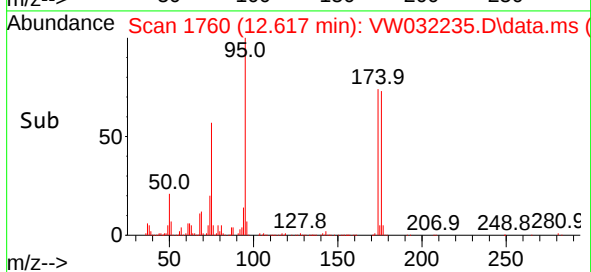
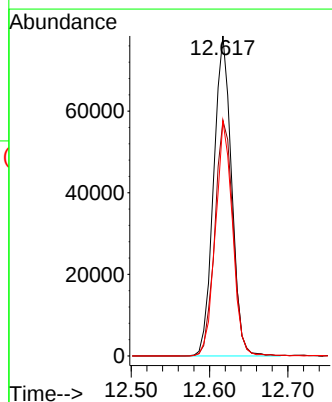
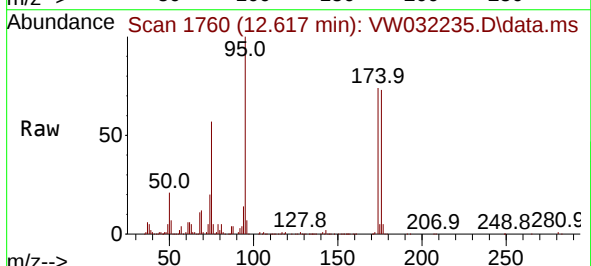
Instrument :
MSVOA_W
ClientSampleId :
VW0923SBL01

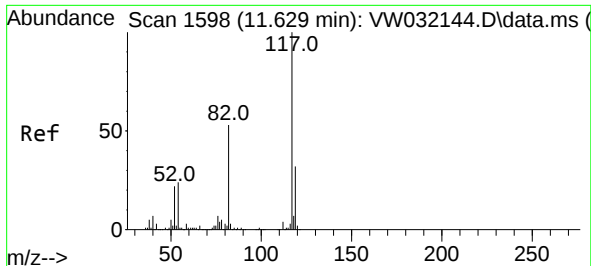
Tgt Ion: 98 Resp: 379794
Ion Ratio Lower Upper
98 100
100 65.0 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 47.632 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032235.D
Acq: 23 Sep 2025 11:12

Tgt Ion: 95 Resp: 124735
Ion Ratio Lower Upper
95 100
174 75.4 0.0 145.6
176 70.3 0.0 140.8

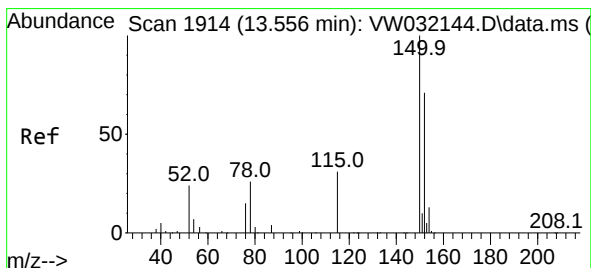
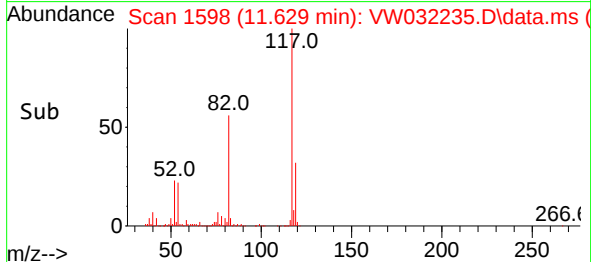
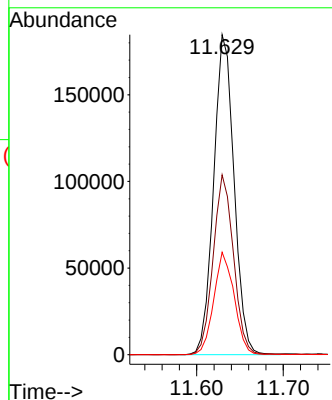
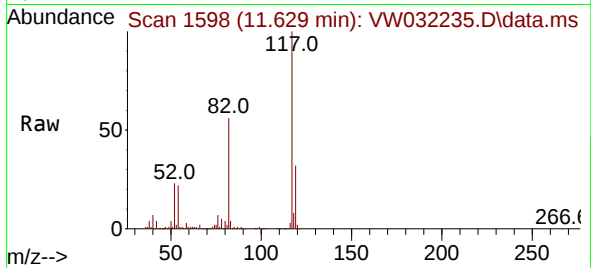




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1159
Delta R.T. -0.000 min
Lab File: VW032235.D
Acq: 23 Sep 2025 11:12

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBL01

Tgt Ion:117 Resp: 302439
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 32.0 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: VW032235.D
Acq: 23 Sep 2025 11:12

Tgt Ion:152 Resp: 151222
Ion Ratio Lower Upper
152 100
115 63.6 31.8 95.4
150 162.4 0.0 343.0

