

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
 Data File : VW032220.D
 Acq On : 19 Sep 2025 16:55
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 19 23:12:57 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	148553	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	318308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	334420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	176332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	115689	54.455	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	108.900%
35) Dibromofluoromethane	7.904	113	108619	48.638	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	97.280%
50) Toluene-d8	10.325	98	357609	45.615	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.220%
62) 4-Bromofluorobenzene	12.617	95	153844	53.068	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	106.140%

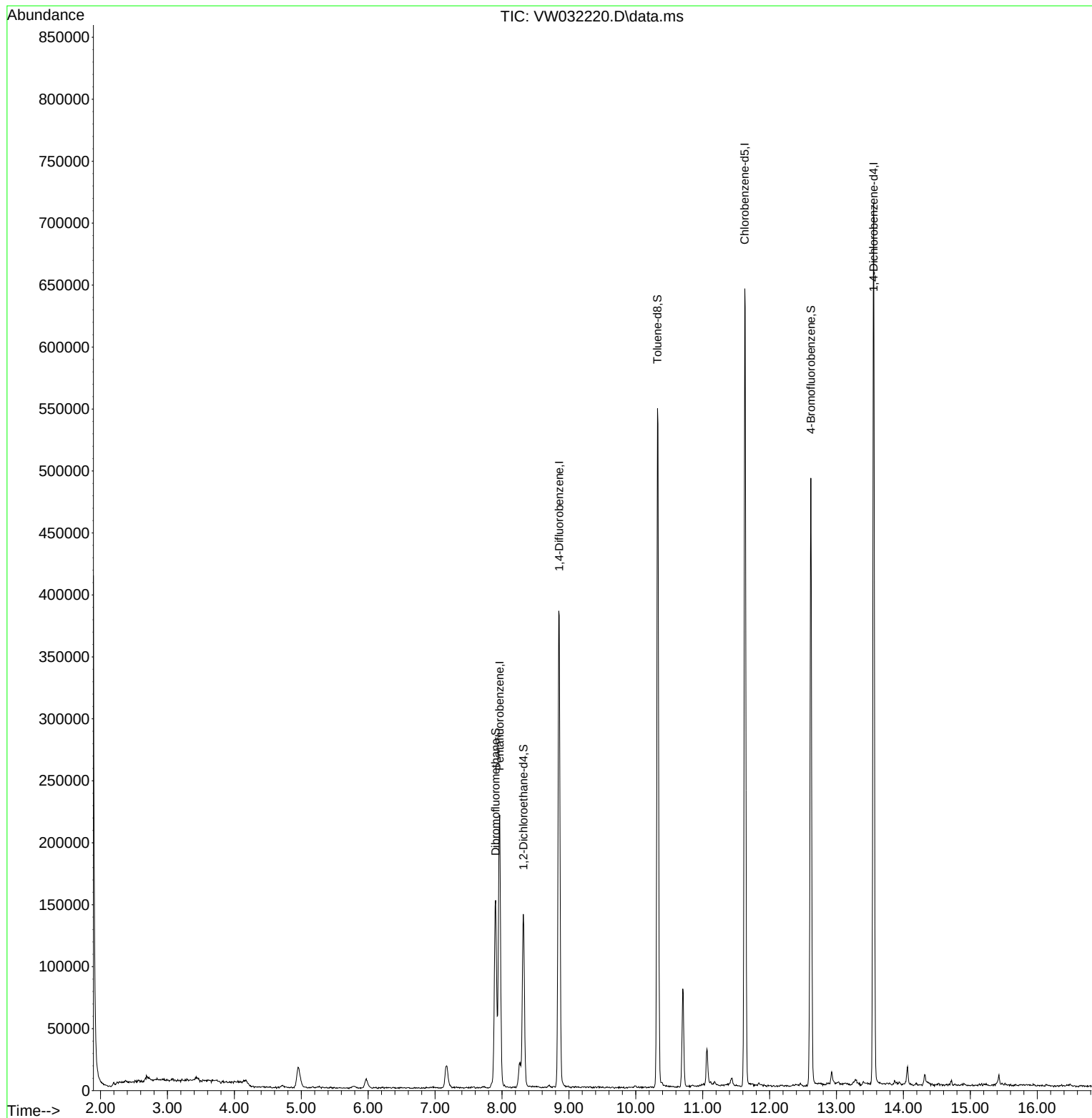
Target Compounds	Qvalue

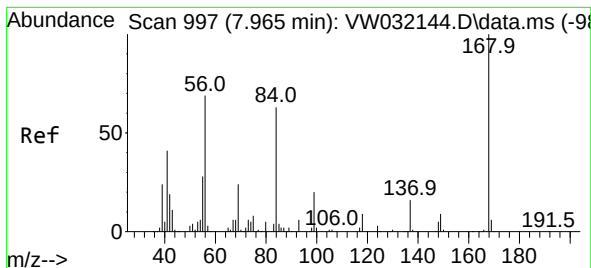
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW091925\
Data File : VW032220.D
Acq On : 19 Sep 2025 16:55
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Sep 19 23:12:57 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: 7.965 min Scan# 99

Delta R.T. 0.000 min

Lab File: VW032220.D

Acq: 19 Sep 2025 16:55

Instrument :

MSVOA_W

ClientSampleId :

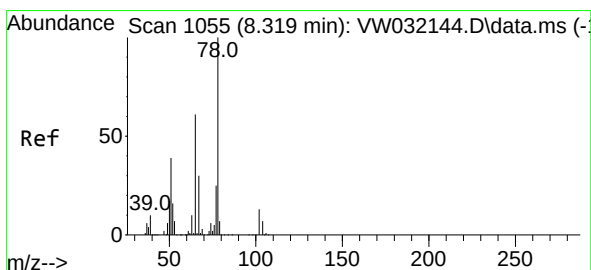
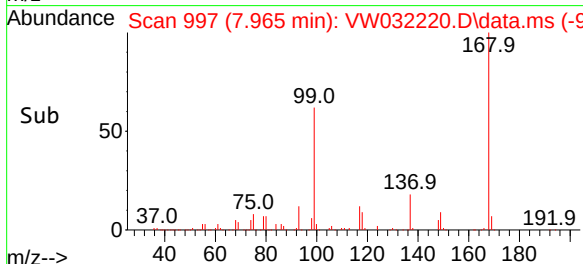
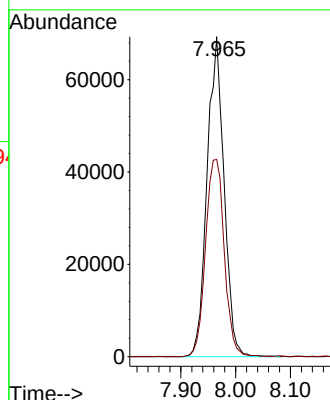
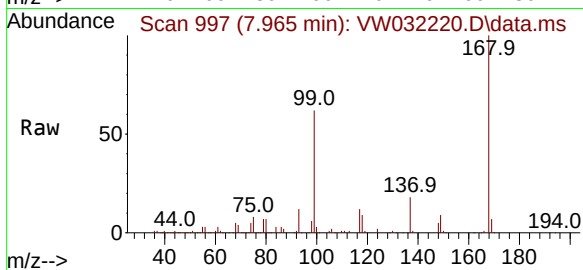
VIBLK

Tgt Ion:168 Resp: 148553

Ion Ratio Lower Upper

168 100

99 61.6 49.3 73.9



#33

1,2-Dichloroethane-d4

Concen: 54.455 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032220.D

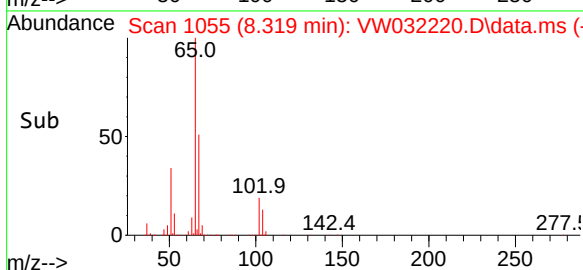
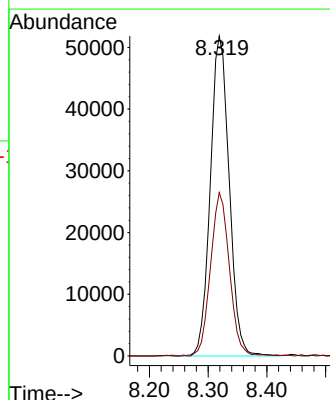
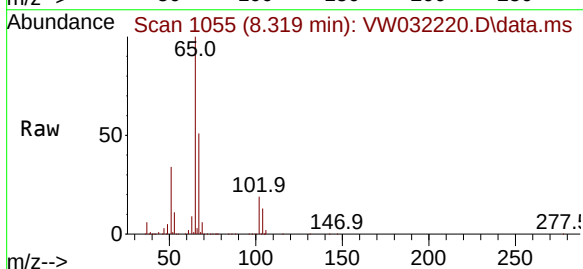
Acq: 19 Sep 2025 16:55

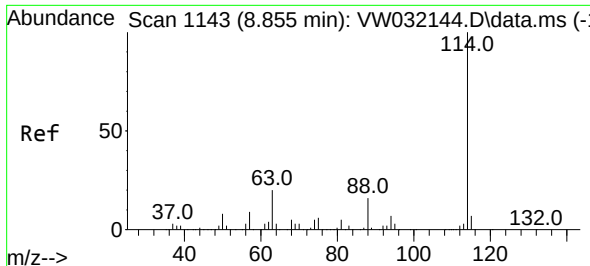
Tgt Ion: 65 Resp: 115689

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.6

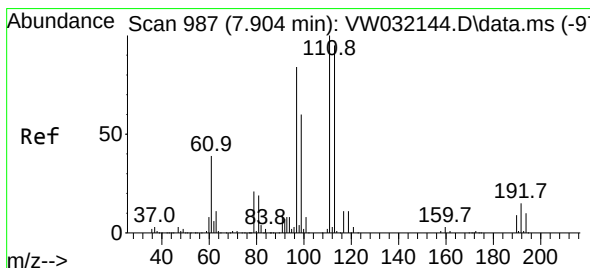
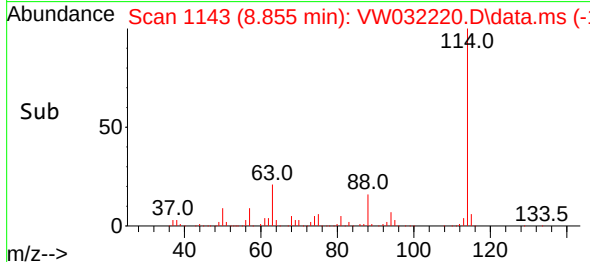
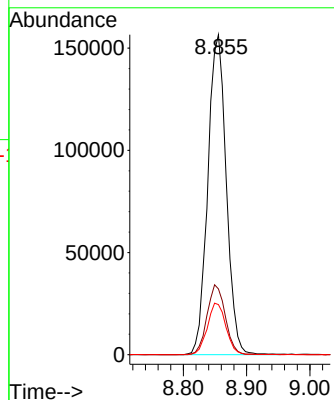
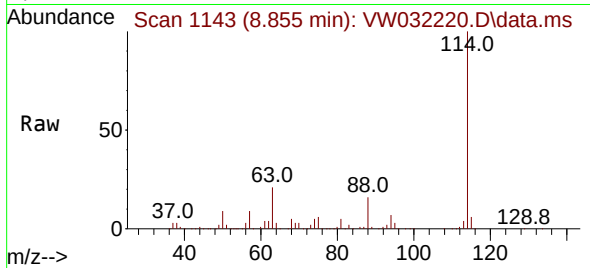




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032220.D
Acq: 19 Sep 2025 16:55

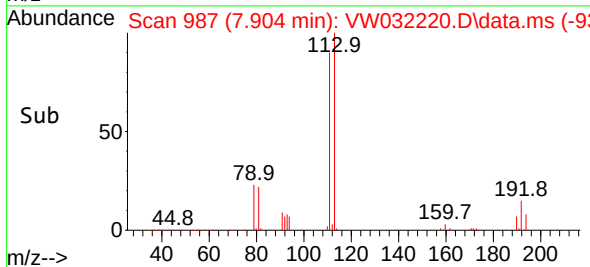
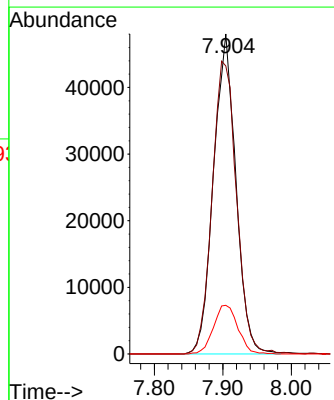
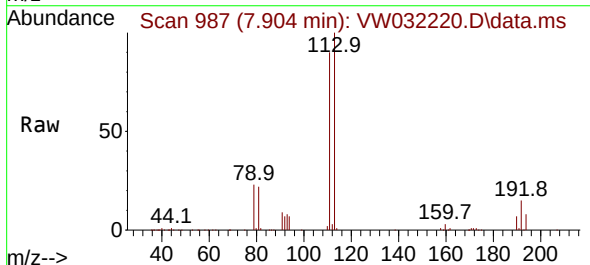
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

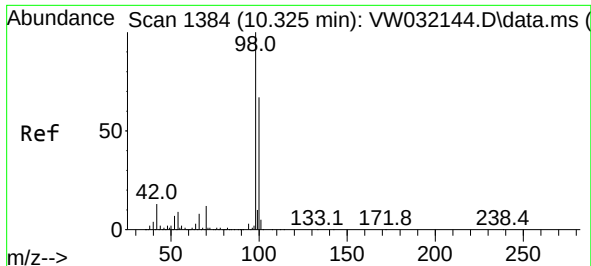
Tgt Ion:114 Resp: 318308
Ion Ratio Lower Upper
114 100
63 20.5 0.0 40.4
88 15.6 0.0 32.0



#35
Dibromofluoromethane
Concen: 48.638 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032220.D
Acq: 19 Sep 2025 16:55

Tgt Ion:113 Resp: 108619
Ion Ratio Lower Upper
113 100
111 99.8 83.9 125.9
192 16.6 14.6 21.8

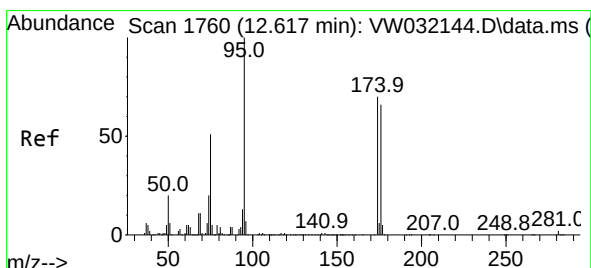
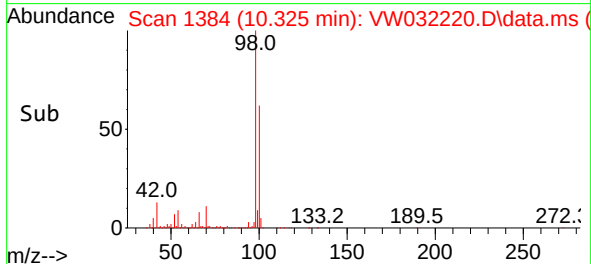
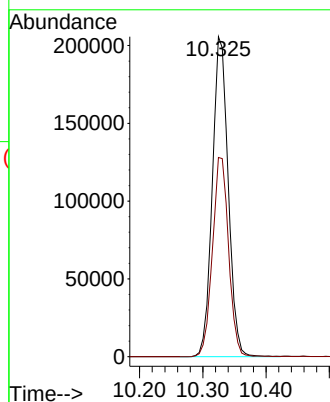
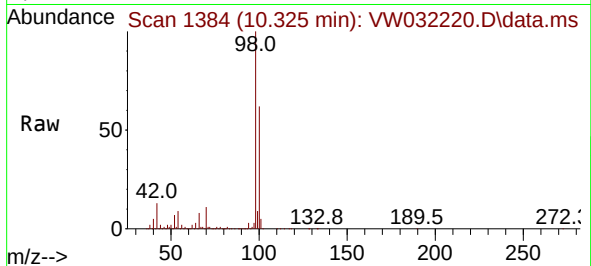




#50
Toluene-d8
Concen: 45.615 ug/l
RT: 10.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032220.D
Acq: 19 Sep 2025 16:55

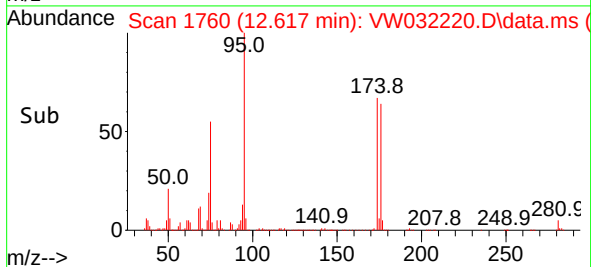
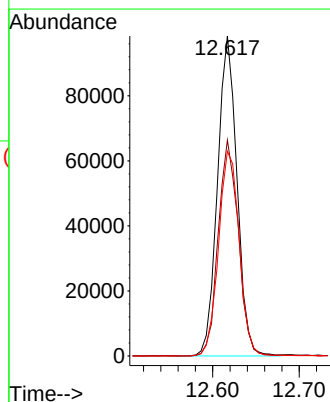
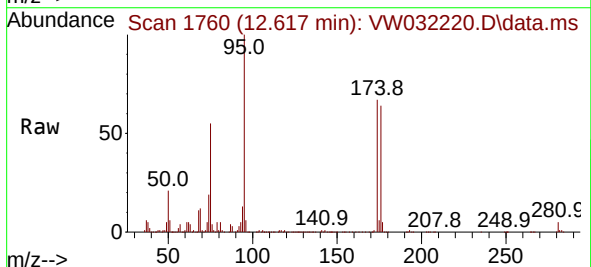
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

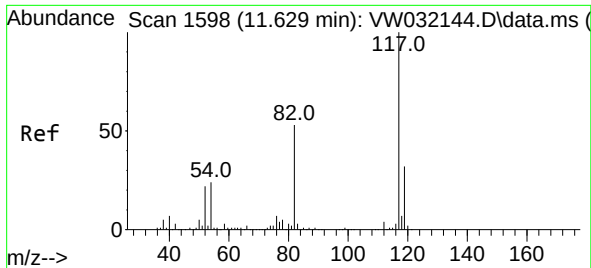
Tgt Ion: 98 Resp: 357609
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 53.068 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032220.D
Acq: 19 Sep 2025 16:55

Tgt Ion: 95 Resp: 153844
Ion Ratio Lower Upper
95 100
174 69.7 0.0 145.6
176 68.1 0.0 140.8

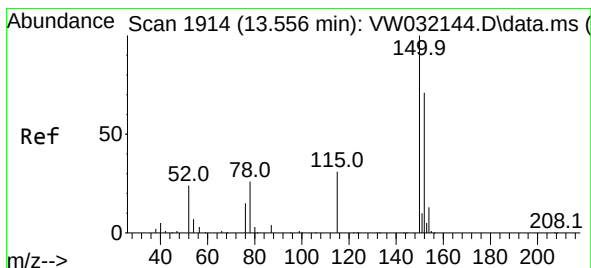
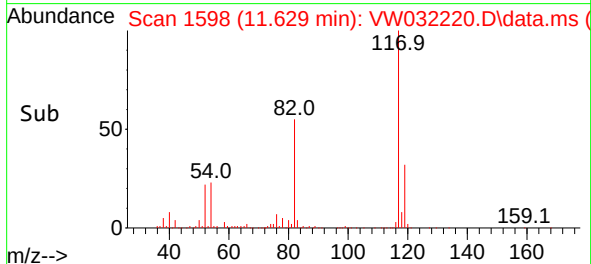
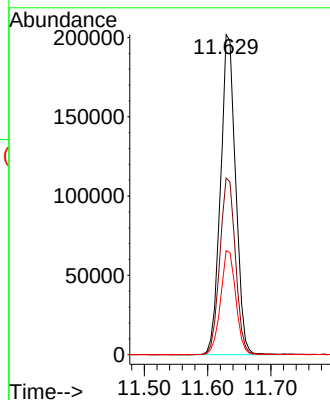
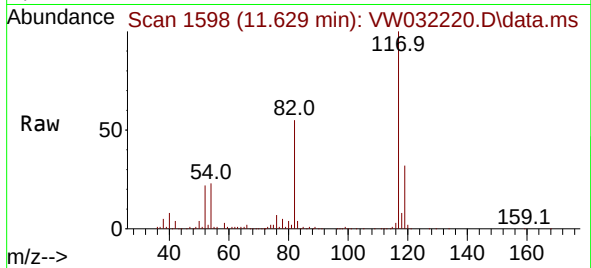




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032220.D
Acq: 19 Sep 2025 16:55

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 334420
Ion Ratio Lower Upper
117 100
82 55.2 42.7 64.1
119 32.5 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: VW032220.D
Acq: 19 Sep 2025 16:55

Tgt Ion:152 Resp: 176332
Ion Ratio Lower Upper
152 100
115 61.1 31.8 95.4
150 152.5 0.0 343.0

