

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092325\
 Data File : VW032239.D
 Acq On : 23 Sep 2025 14:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 24 03:48:01 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	153600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	325937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	331649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	175083	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	138150	62.890	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	125.780%
35) Dibromofluoromethane	7.904	113	117469	51.369	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	102.740%
50) Toluene-d8	10.331	98	416963	51.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	103.880%
62) 4-Bromofluorobenzene	12.617	95	139411	46.964	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	93.920%

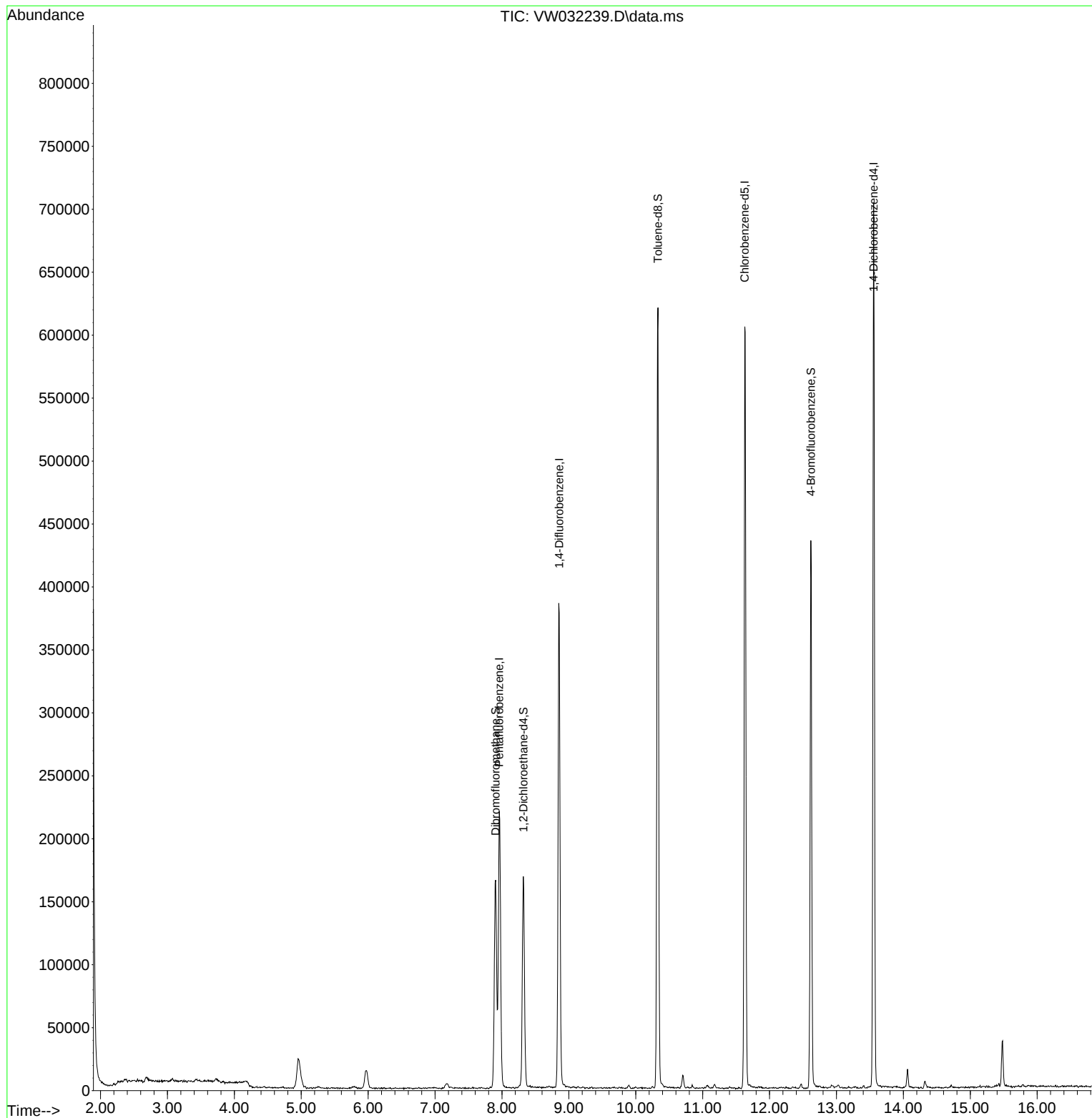
Target Compounds	Qvalue

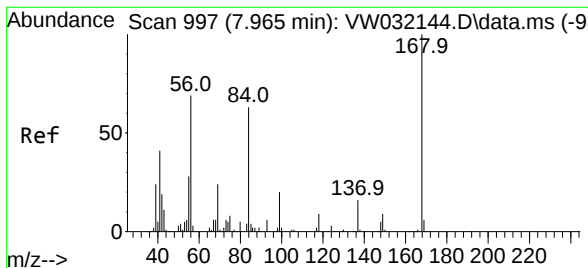
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092325\
Data File : VW032239.D
Acq On : 23 Sep 2025 14:46
Operator : SY/MD
Sample : VIBLK
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Quant Time: Sep 24 03:48:01 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# 99

Delta R.T. -0.006 min

Lab File: VW032239.D

Acq: 23 Sep 2025 14:46

Instrument :

MSVOA_W

ClientSampleId :

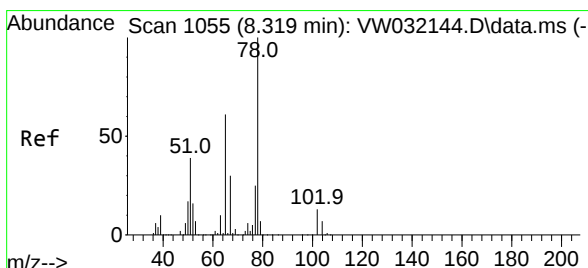
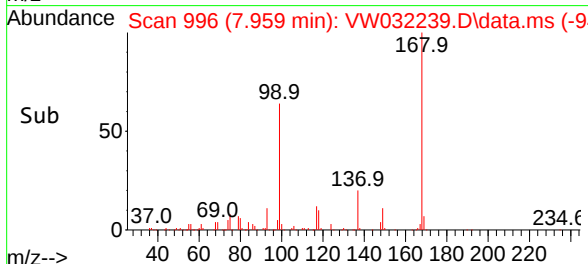
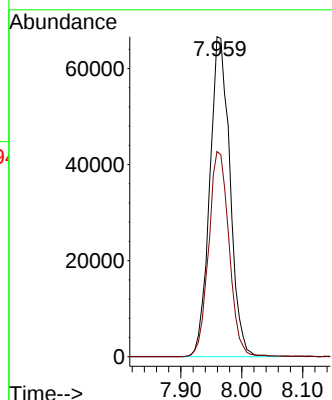
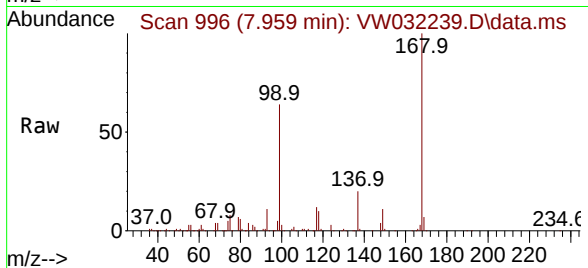
VIBLK

Tgt Ion:168 Resp: 153600

Ion Ratio Lower Upper

168 100

99 64.1 49.3 73.9



#33

1,2-Dichloroethane-d4

Concen: 62.890 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032239.D

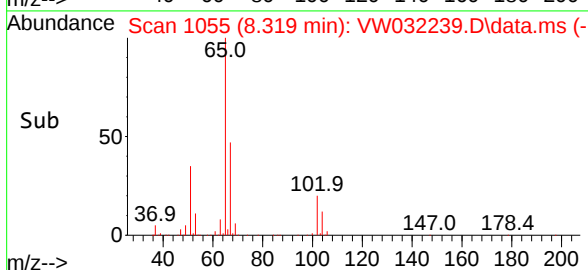
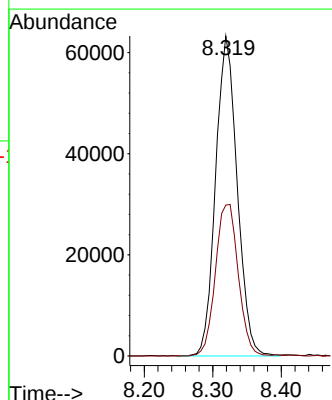
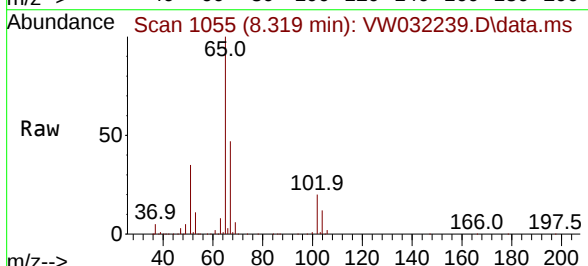
Acq: 23 Sep 2025 14:46

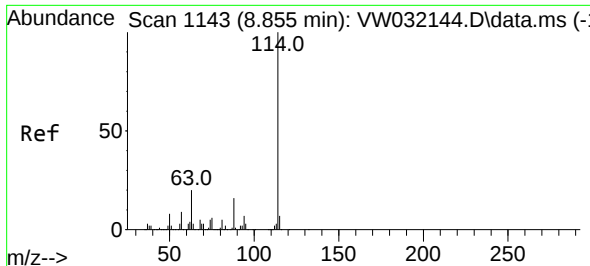
Tgt Ion: 65 Resp: 138150

Ion Ratio Lower Upper

65 100

67 50.2 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1143

Delta R.T. 0.000 min

Lab File: VW032239.D

Acq: 23 Sep 2025 14:46

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

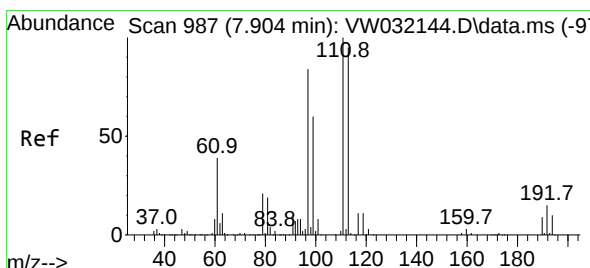
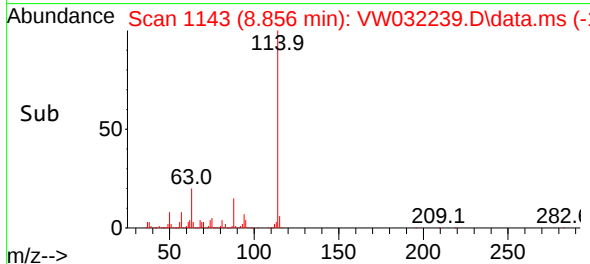
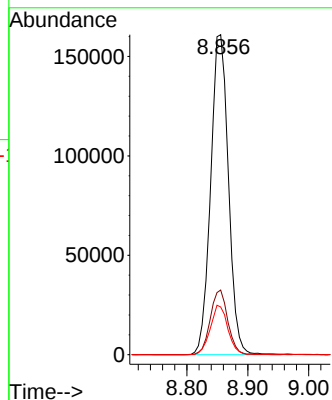
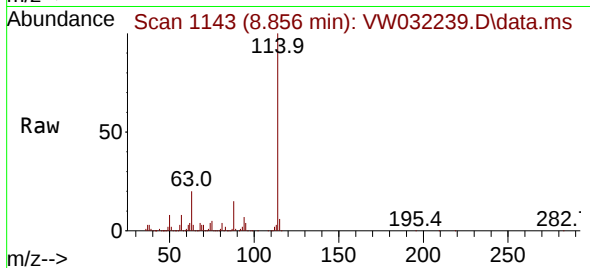
Tgt Ion:114 Resp: 325937

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.4

88 14.9 0.0 32.0



#35

Dibromofluoromethane

Concen: 51.369 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW032239.D

Acq: 23 Sep 2025 14:46

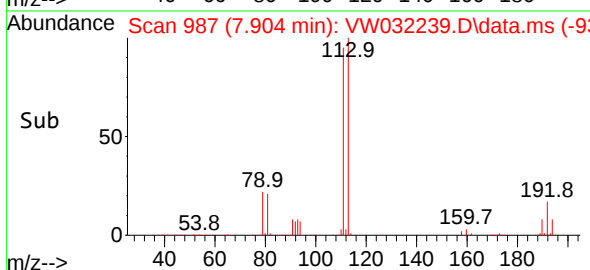
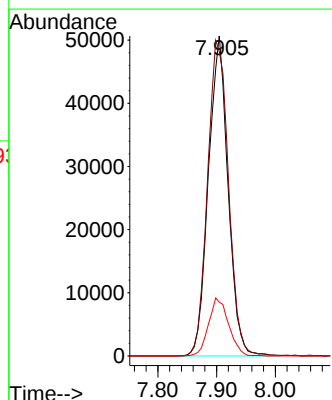
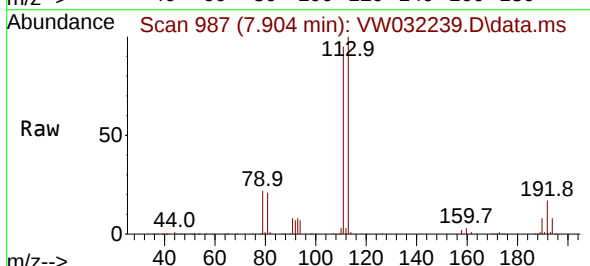
Tgt Ion:113 Resp: 117469

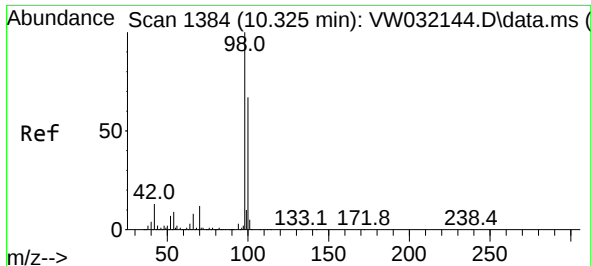
Ion Ratio Lower Upper

113 100

111 105.7 83.9 125.9

192 18.6 14.6 21.8

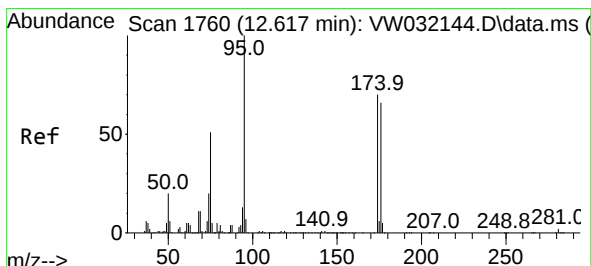
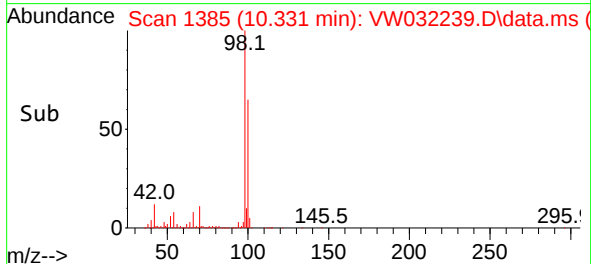
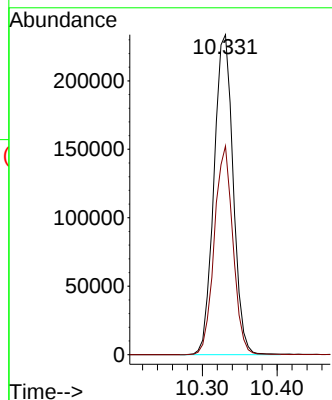
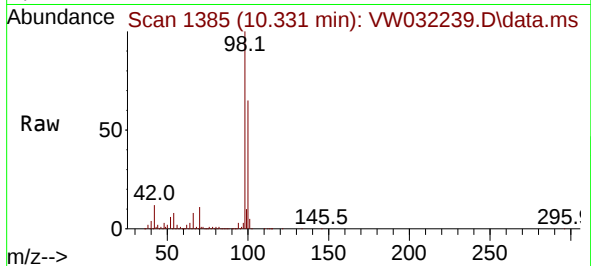




#50
Toluene-d8
Concen: 51.941 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032239.D
Acq: 23 Sep 2025 14:46

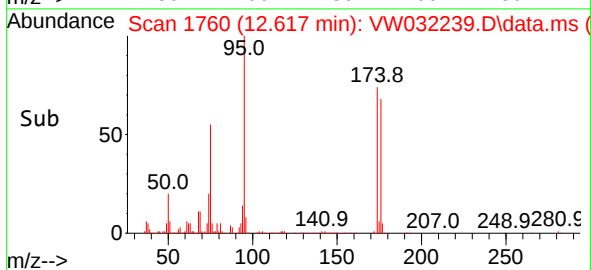
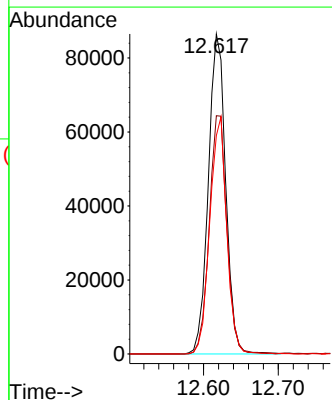
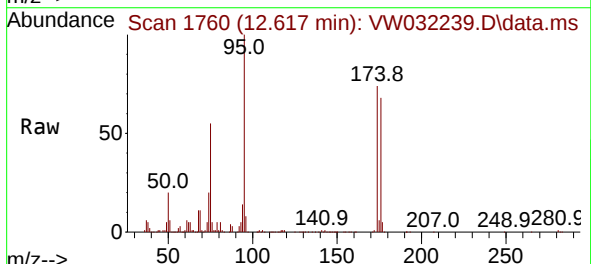
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

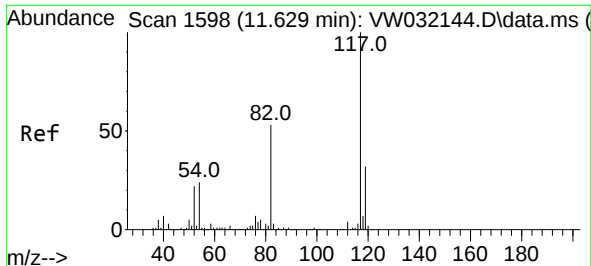
Tgt Ion: 98 Resp: 416963
Ion Ratio Lower Upper
98 100
100 63.3 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 46.964 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032239.D
Acq: 23 Sep 2025 14:46

Tgt Ion: 95 Resp: 139411
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.6
176 72.2 0.0 140.8

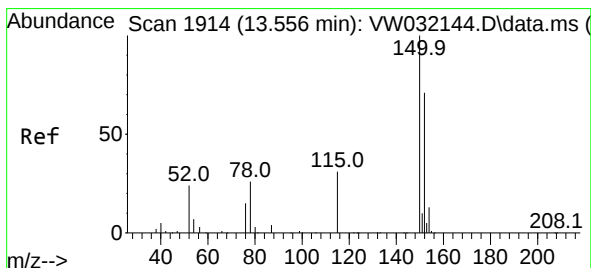
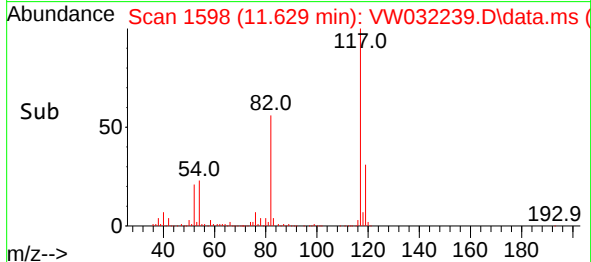
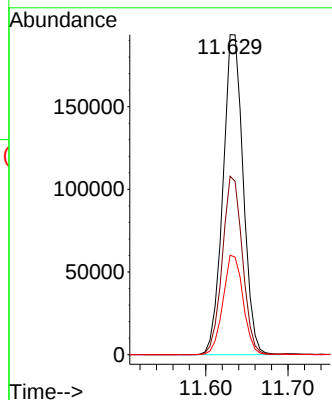
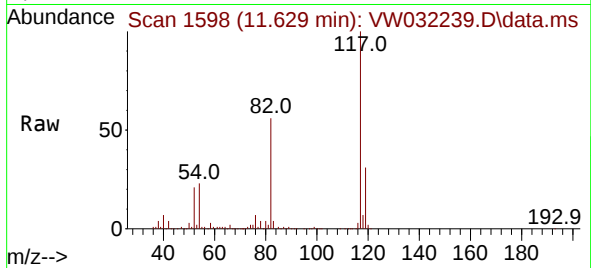




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032239.D
Acq: 23 Sep 2025 14:46

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 331649
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 31.1 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: VW032239.D
Acq: 23 Sep 2025 14:46

Tgt Ion:152 Resp: 175083
Ion Ratio Lower Upper
152 100
115 61.7 31.8 95.4
150 158.1 0.0 343.0

