

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032375.D
 Acq On : 07 Oct 2025 12:35
 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: Oct 08 03:20:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	188410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	445883	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	473616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	235944	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	171861	62.539	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	125.080%
35) Dibromofluoromethane	7.904	113	152265	52.731	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	105.460%
50) Toluene-d8	10.324	98	582010	54.611	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	109.220%
62) 4-Bromofluorobenzene	12.617	95	249300	61.889	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	123.780%

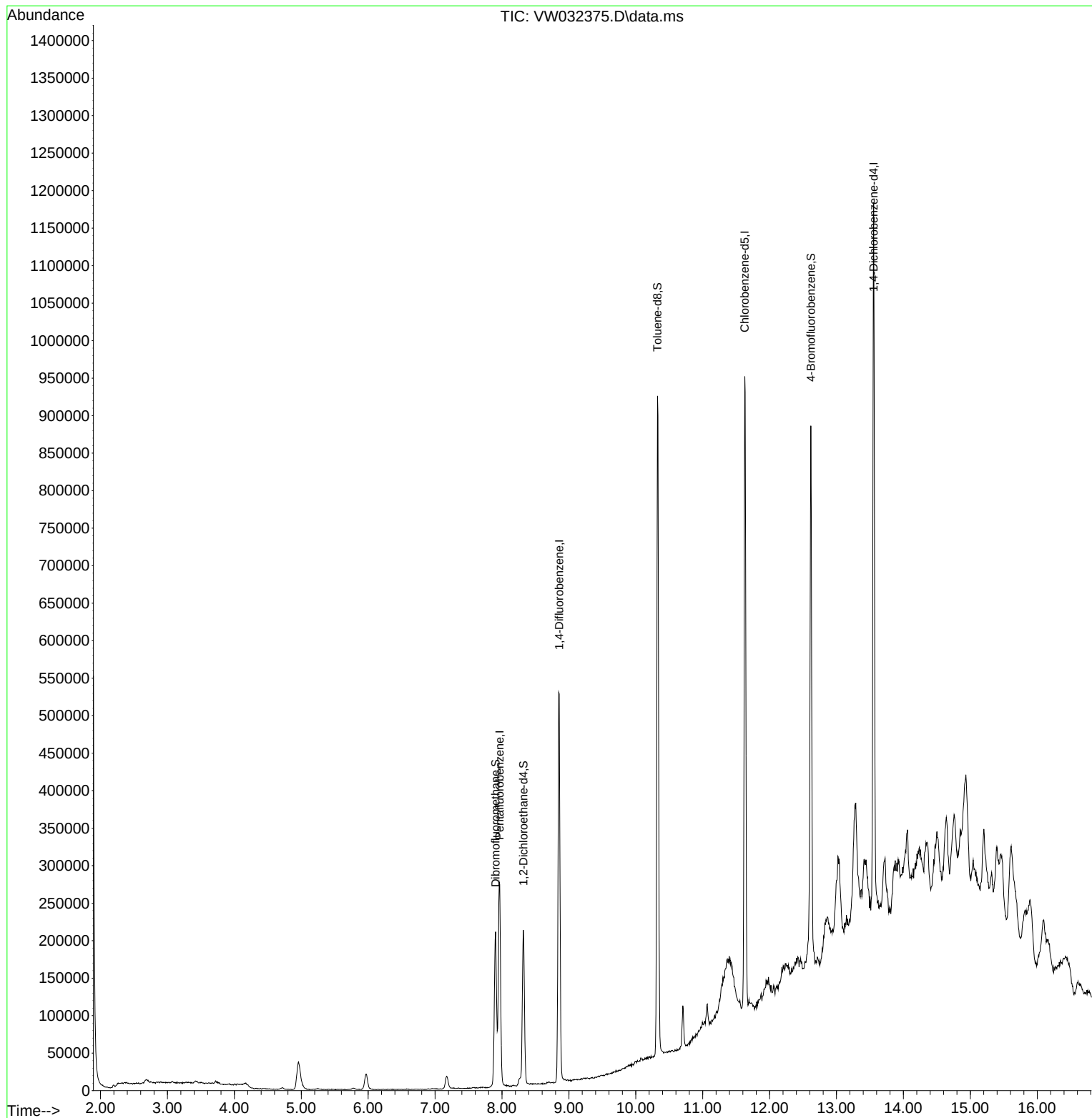
Target Compounds	Qvalue

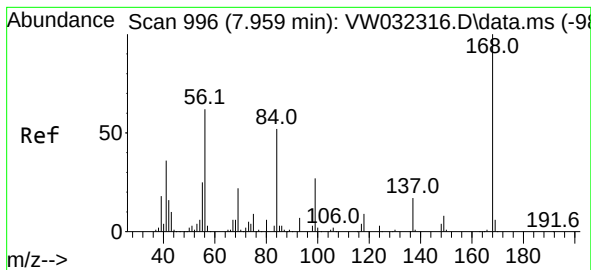
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
Data File : VW032375.D
Acq On : 07 Oct 2025 12:35
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: Oct 08 03:20:19 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 02 21:24:16 2025
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.965 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW032375.D

Acq: 07 Oct 2025 12:35

Instrument :

MSVOA_W

ClientSampleId :

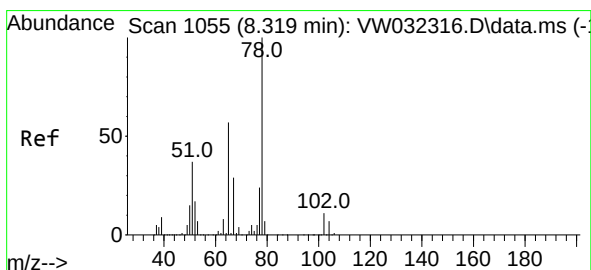
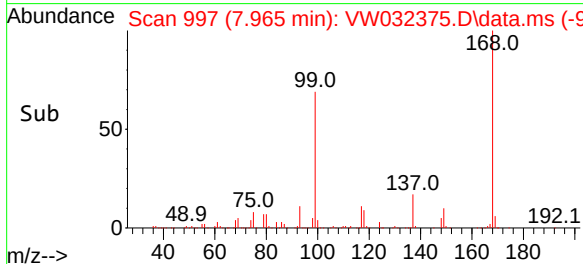
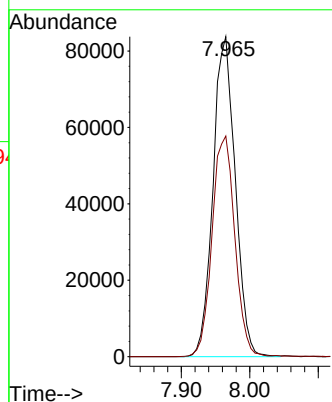
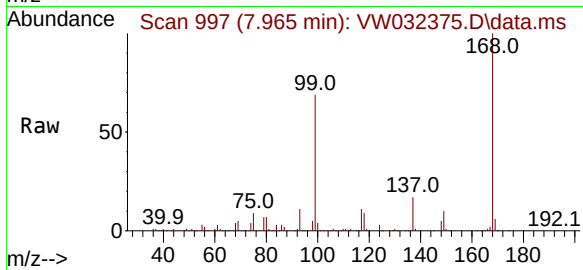
VIBLK

Tgt Ion:168 Resp: 188410

Ion Ratio Lower Upper

168 100

99 68.9 49.3 73.9



#33

1,2-Dichloroethane-d4

Concen: 62.539 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VW032375.D

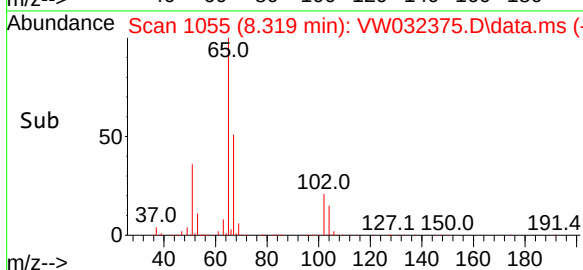
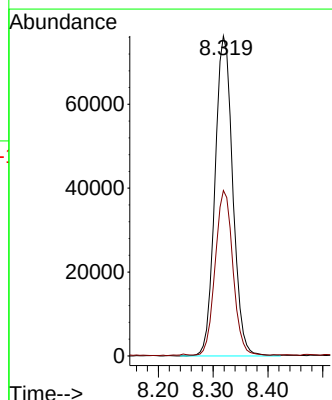
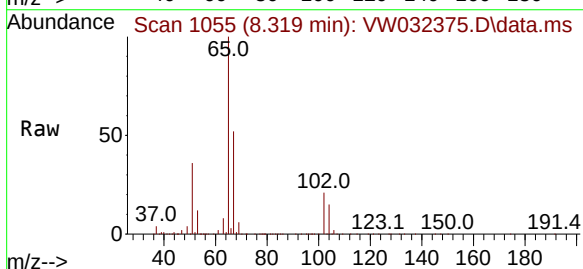
Acq: 07 Oct 2025 12:35

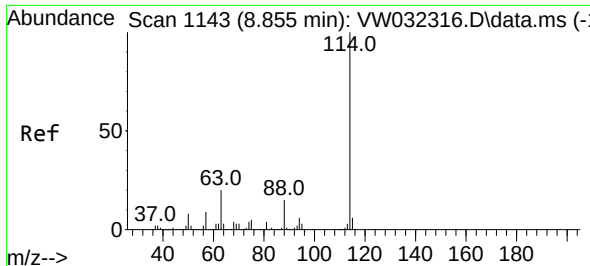
Tgt Ion: 65 Resp: 171861

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.6

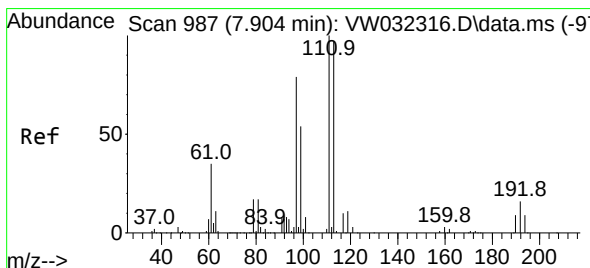
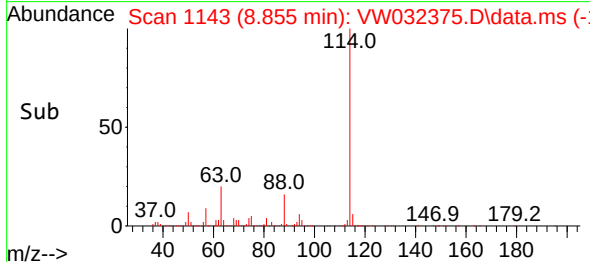
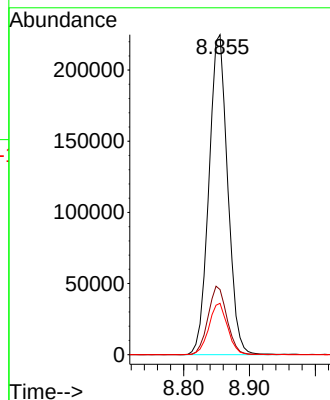
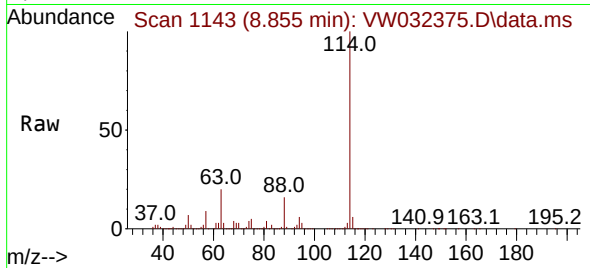




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032375.D
Acq: 07 Oct 2025 12:35

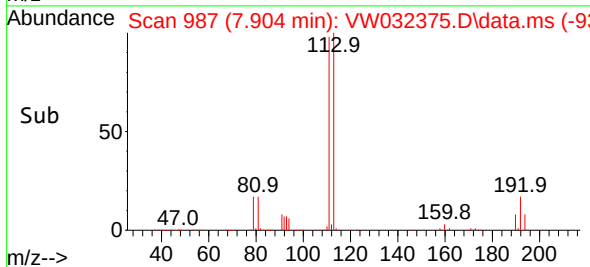
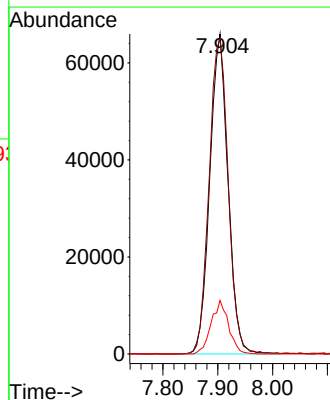
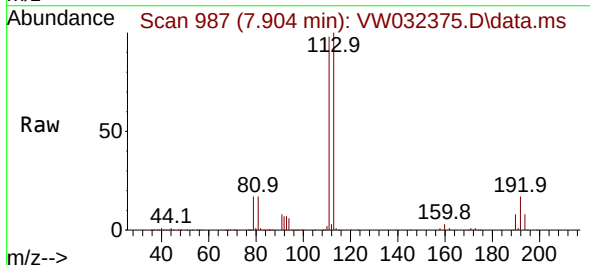
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

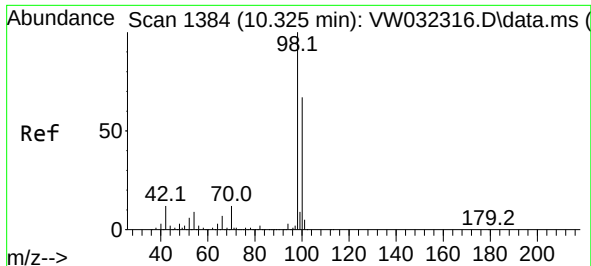
Tgt Ion:114 Resp: 445883
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.4
88 16.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 52.731 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032375.D
Acq: 07 Oct 2025 12:35

Tgt Ion:113 Resp: 152265
Ion Ratio Lower Upper
113 100
111 103.4 83.9 125.9
192 16.0 14.6 21.8

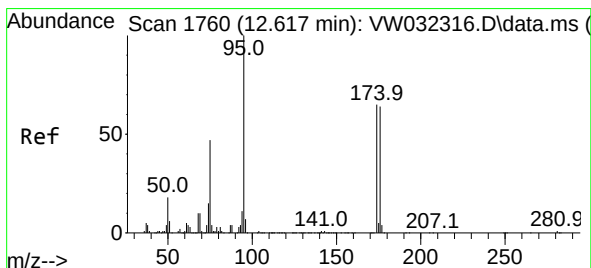
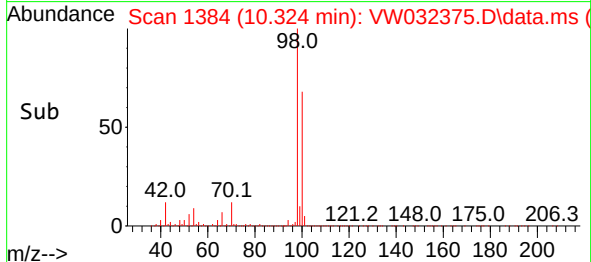
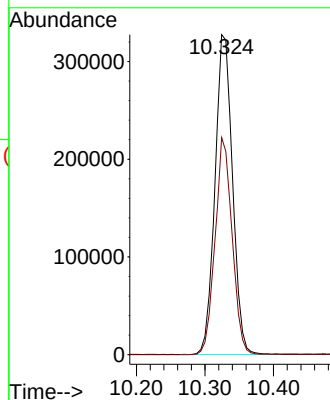
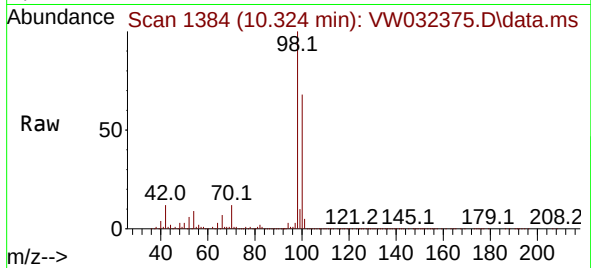




#50
Toluene-d8
Concen: 54.611 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032375.D
Acq: 07 Oct 2025 12:35

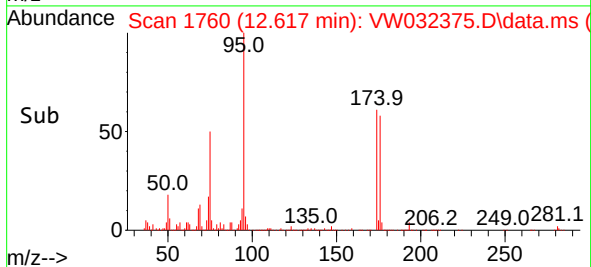
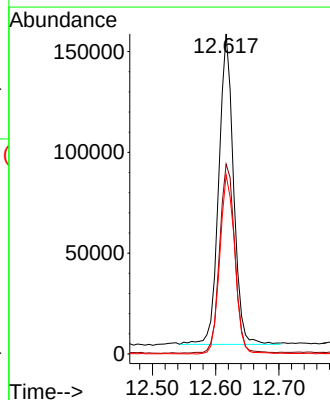
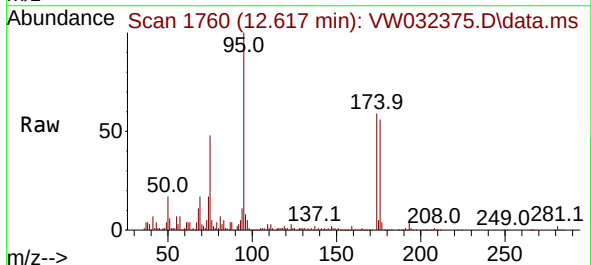
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

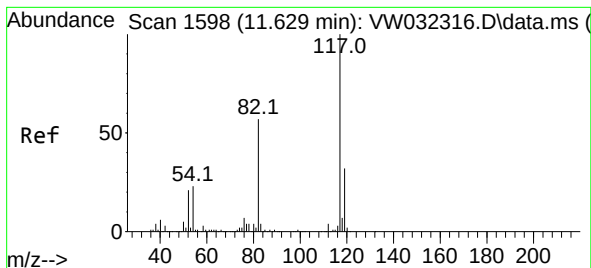
Tgt Ion: 98 Resp: 582010
Ion Ratio Lower Upper
98 100
100 66.0 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 61.889 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032375.D
Acq: 07 Oct 2025 12:35

Tgt Ion: 95 Resp: 249300
Ion Ratio Lower Upper
95 100
174 62.6 0.0 145.6
176 58.8 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: VW032375.D

Acq: 07 Oct 2025 12:35

Instrument :

MSVOA_W

ClientSampleId :

VIBLK

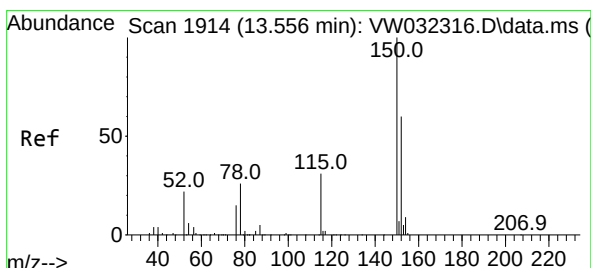
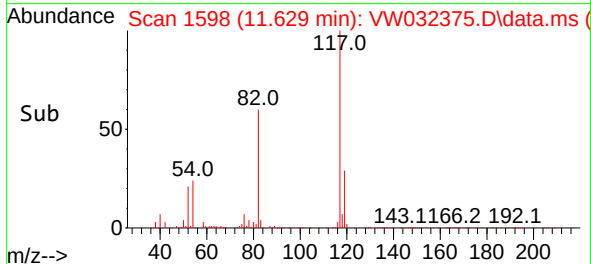
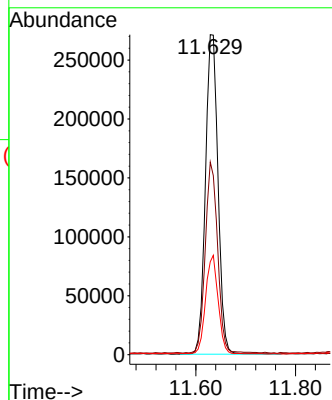
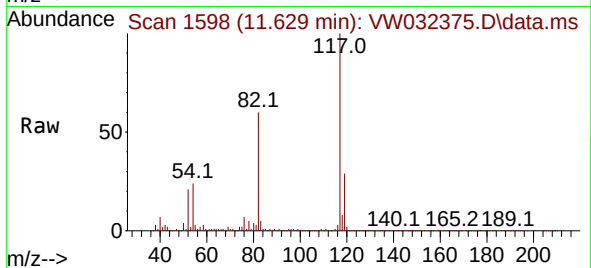
Tgt Ion:117 Resp: 473616

Ion Ratio Lower Upper

117 100

82 59.7 42.7 64.1

119 28.8 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032375.D

Acq: 07 Oct 2025 12:35

Tgt Ion:152 Resp: 235944

Ion Ratio Lower Upper

152 100

115 69.3 31.8 95.4

150 162.6 0.0 343.0

