

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
 Data File : VW032633.D
 Acq On : 11 Dec 2025 15:21
 Operator : SY/MD
 Sample : Q3826-07
 Misc : 4.19g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-11

Quant Time: Dec 12 00:45:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 11 01:56:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	414929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	837654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	723149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	295995	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	442652	66.627	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	133.260%
35) Dibromofluoromethane	7.898	113	344271	57.162	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	114.320%
50) Toluene-d8	10.331	98	1211629	56.362	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	112.720%
62) 4-Bromofluorobenzene	12.617	95	409201	51.846	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	103.700%

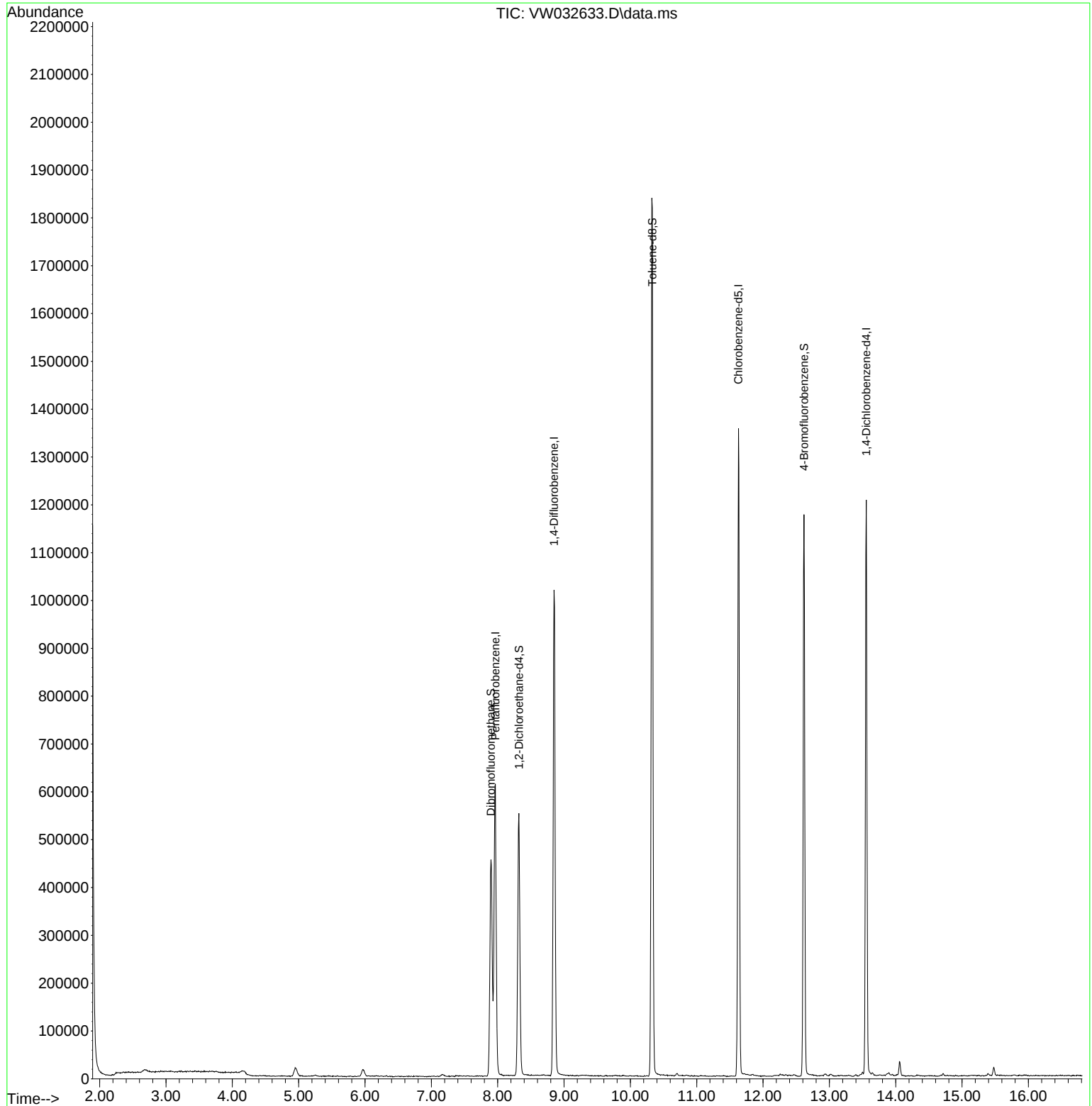
Target Compounds	Qvalue

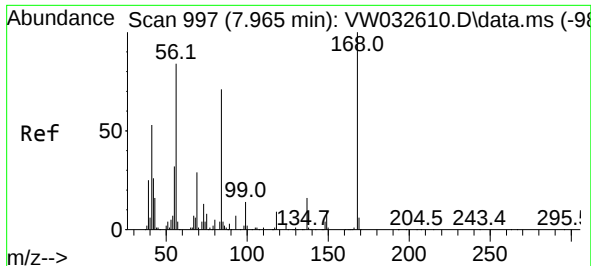
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121125\
Data File : VW032633.D
Acq On : 11 Dec 2025 15:21
Operator : SY/MD
Sample : Q3826-07
Misc : 4.19g/5mL/MSVOA_W/SOIL/A
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
TP-11

Quant Time: Dec 12 00:45:06 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121025S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 11 01:56:28 2025
Response via : Initial Calibration

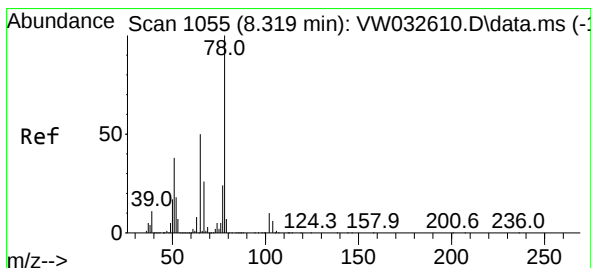
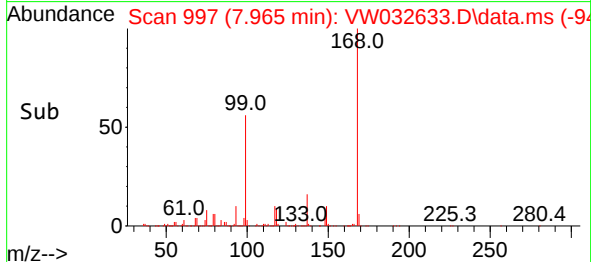
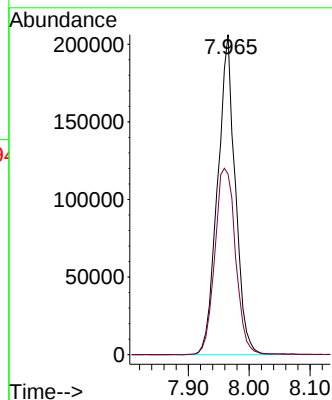
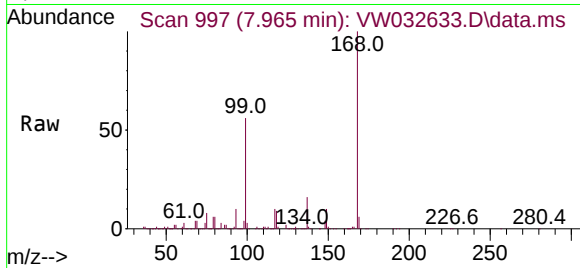




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 99
Delta R.T. 0.000 min
Lab File: VW032633.D
Acq: 11 Dec 2025 15:21

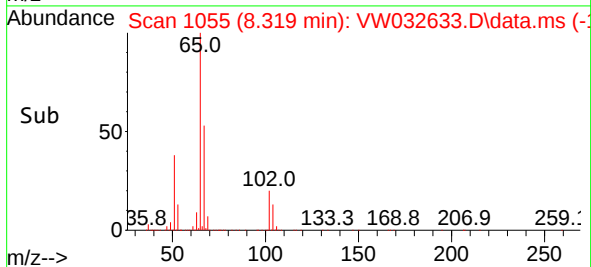
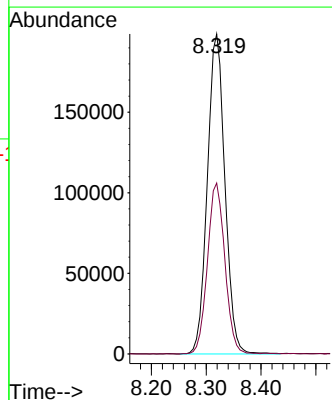
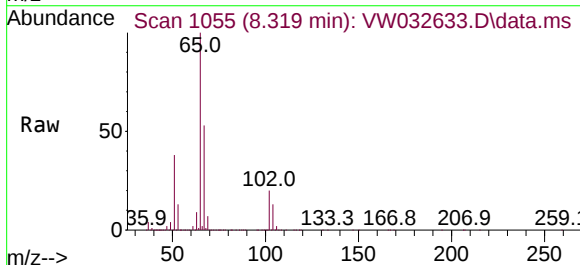
Instrument :
MSVOA_W
ClientSampleId :
TP-11

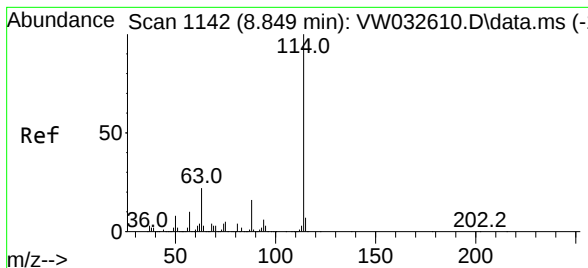
Tgt Ion:168 Resp: 414929
Ion Ratio Lower Upper
168 100
99 56.4 47.8 71.8



#33
1,2-Dichloroethane-d4
Concen: 66.627 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032633.D
Acq: 11 Dec 2025 15:21

Tgt Ion: 65 Resp: 442652
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW032633.D

Acq: 11 Dec 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

TP-11

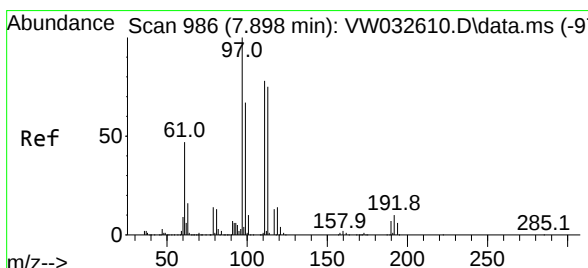
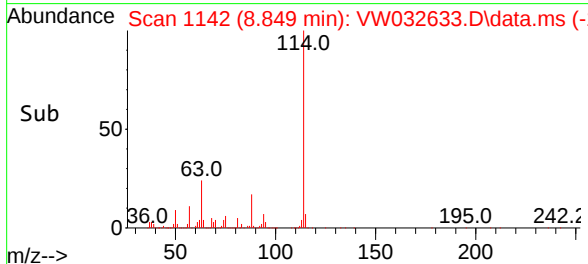
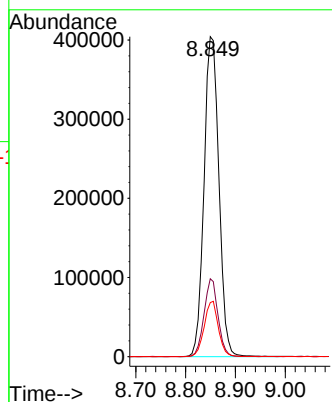
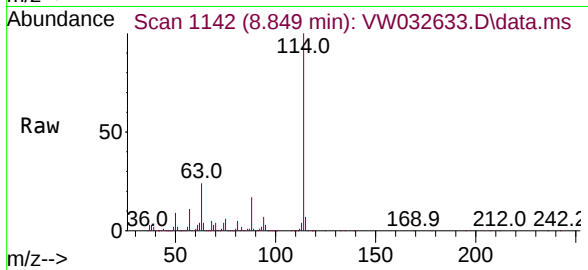
Tgt Ion:114 Resp: 837654

Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.6

88 16.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 57.162 ug/l

RT: 7.898 min Scan# 986

Delta R.T. 0.000 min

Lab File: VW032633.D

Acq: 11 Dec 2025 15:21

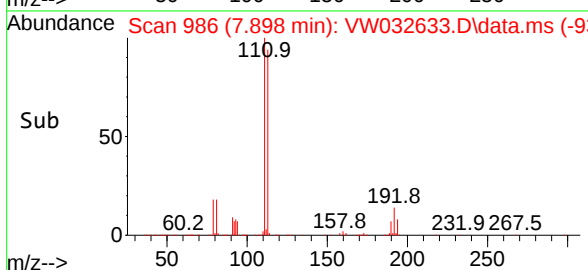
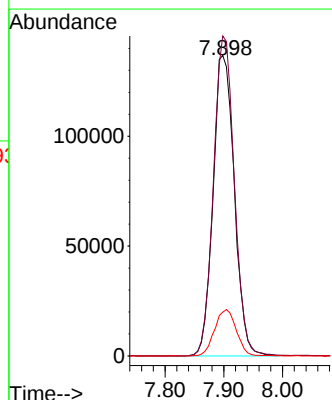
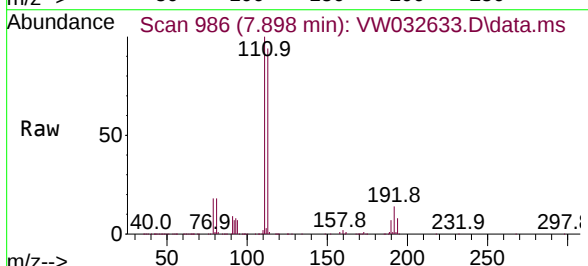
Tgt Ion:113 Resp: 344271

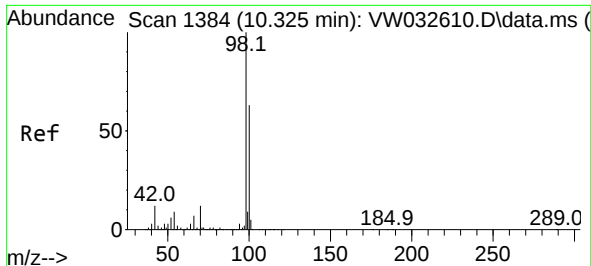
Ion Ratio Lower Upper

113 100

111 104.4 85.2 127.8

192 15.7 13.3 19.9

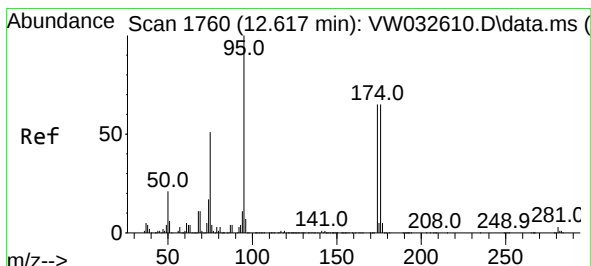
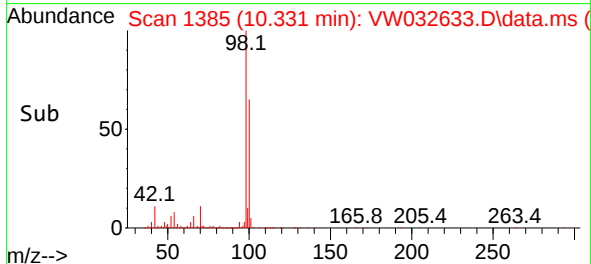
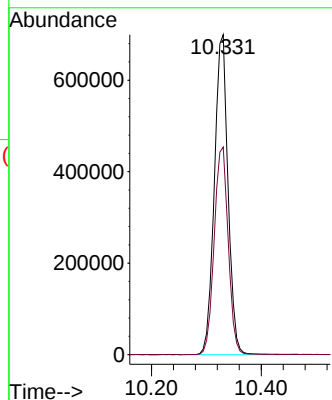
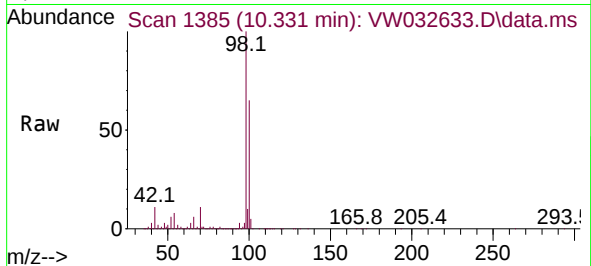




#50
Toluene-d8
Concen: 56.362 ug/l
RT: 10.331 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VW032633.D
Acq: 11 Dec 2025 15:21

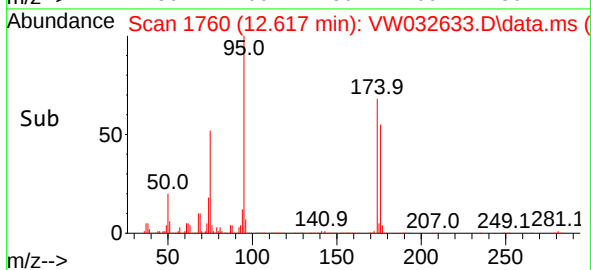
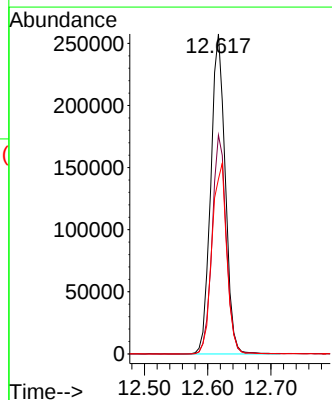
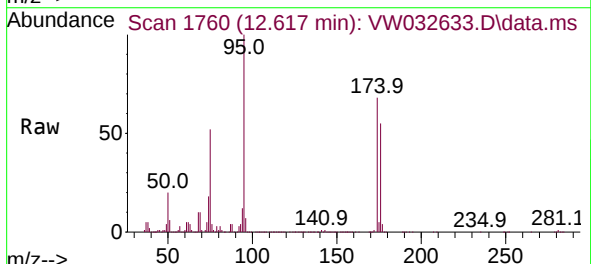
Instrument :
MSVOA_W
ClientSampleId :
TP-11

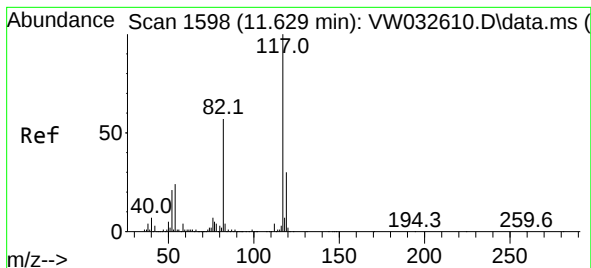
Tgt Ion: 98 Resp: 1211629
Ion Ratio Lower Upper
98 100
100 66.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 51.846 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032633.D
Acq: 11 Dec 2025 15:21

Tgt Ion: 95 Resp: 409201
Ion Ratio Lower Upper
95 100
174 66.6 0.0 135.0
176 61.0 0.0 123.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032633.D

Acq: 11 Dec 2025 15:21

Instrument :

MSVOA_W

ClientSampleId :

TP-11

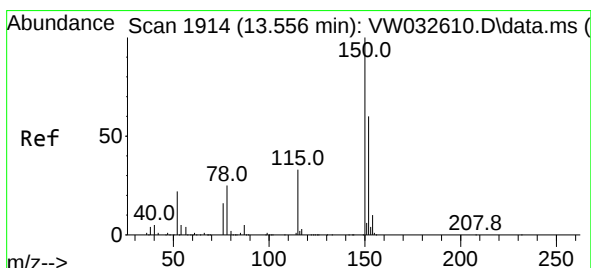
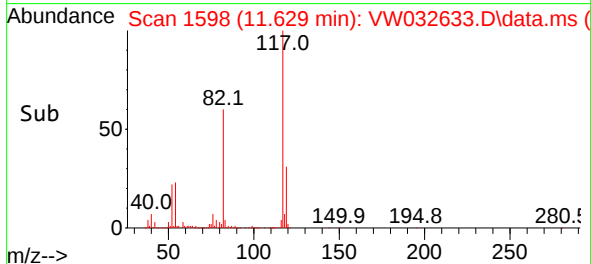
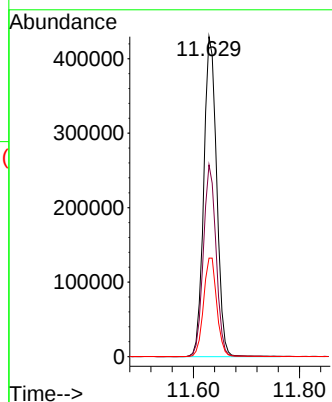
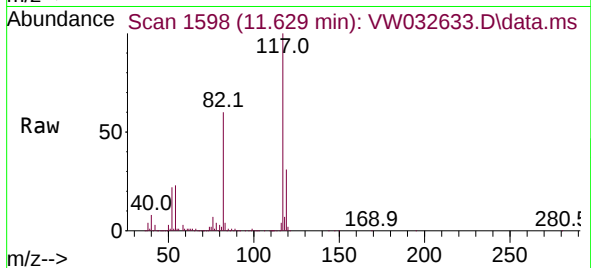
Tgt Ion:117 Resp: 723149

Ion Ratio Lower Upper

117 100

82 59.9 45.5 68.3

119 30.8 23.8 35.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032633.D

Acq: 11 Dec 2025 15:21

Tgt Ion:152 Resp: 295995

Ion Ratio Lower Upper

152 100

115 65.2 33.8 101.3

150 160.6 0.0 369.4

