

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
 Data File : VW032534.D
 Acq On : 25 Nov 2025 13:48
 Operator : SY/MD
 Sample : Q3719-02
 Misc : 5.28g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-1125-10B

Quant Time: Nov 26 01:40:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	227021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	528970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	565806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	258185	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	162152	55.402	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	110.800%
35) Dibromofluoromethane	7.898	113	156487	49.411	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	98.820%
50) Toluene-d8	10.325	98	539022	44.364	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	88.720%
62) 4-Bromofluorobenzene	12.617	95	235894	51.396	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	102.800%

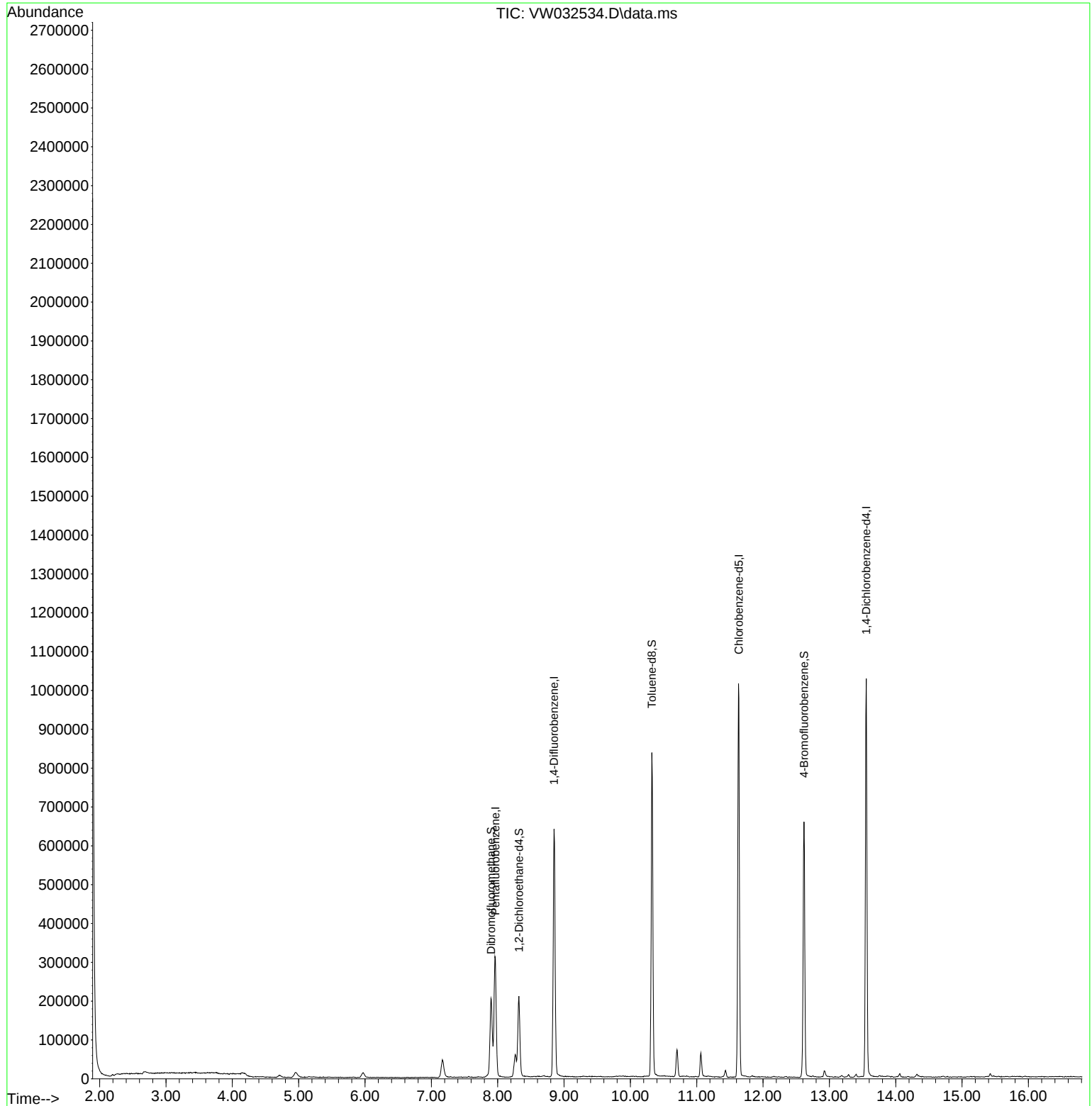
Target Compounds	Qvalue

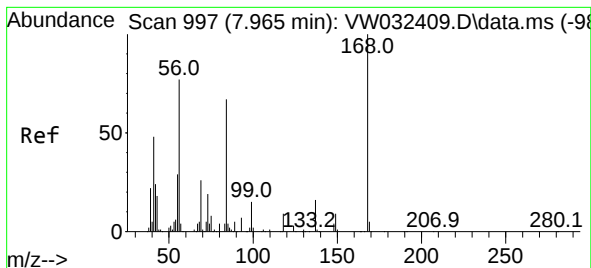
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112525\
Data File : VW032534.D
Acq On : 25 Nov 2025 13:48
Operator : SY/MD
Sample : Q3719-02
Misc : 5.28g/5mL/MSVOA_W/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

Quant Time: Nov 26 01:40:14 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 03:48:21 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: VW032534.D

Acq: 25 Nov 2025 13:48

Instrument :

MSVOA_W

ClientSampleId :

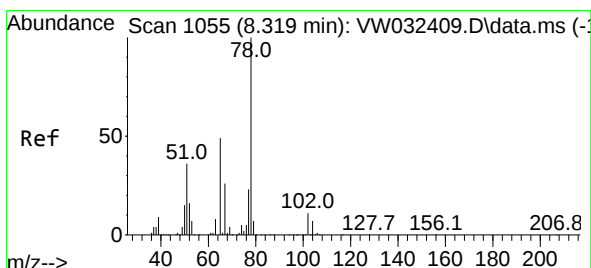
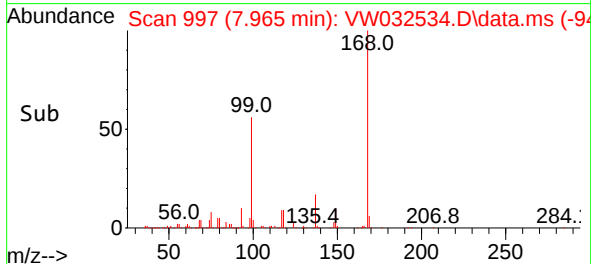
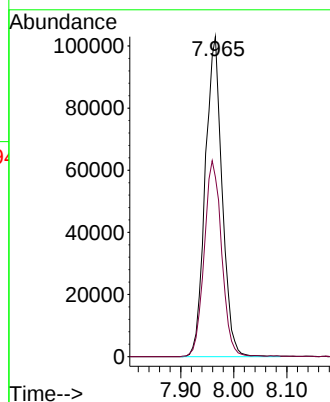
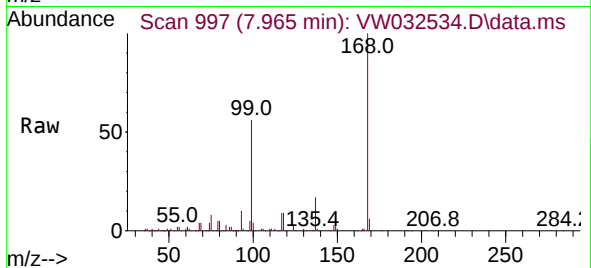
SB-1125-10B

Tgt Ion:168 Resp: 227021

Ion Ratio Lower Upper

168 100

99 56.1 45.4 68.2



#33

1,2-Dichloroethane-d4

Concen: 55.402 ug/l

RT: 8.319 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VW032534.D

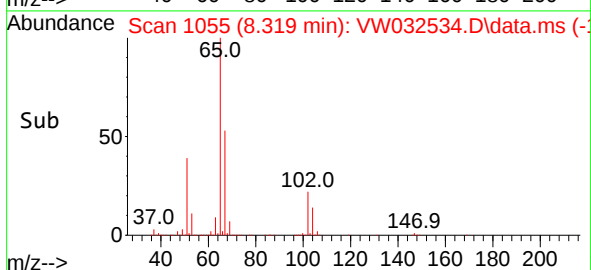
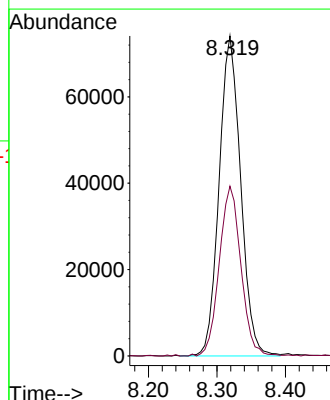
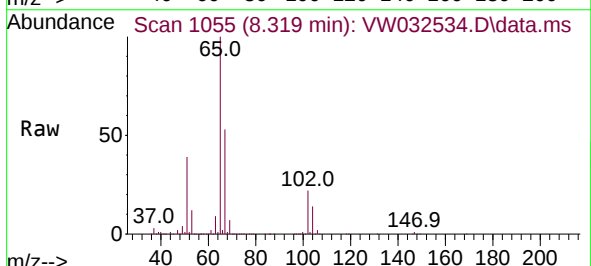
Acq: 25 Nov 2025 13:48

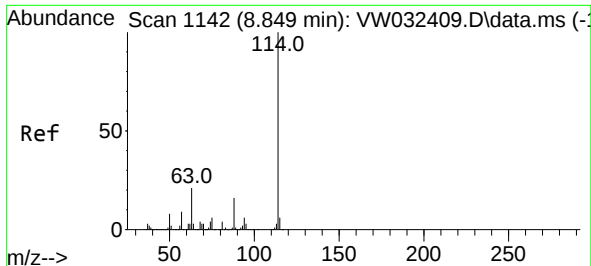
Tgt Ion: 65 Resp: 162152

Ion Ratio Lower Upper

65 100

67 53.2 0.0 106.8

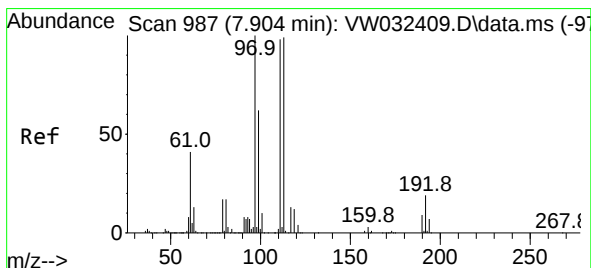
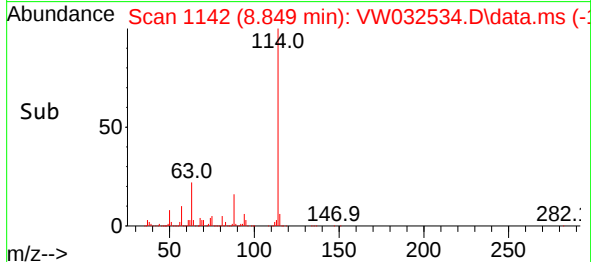
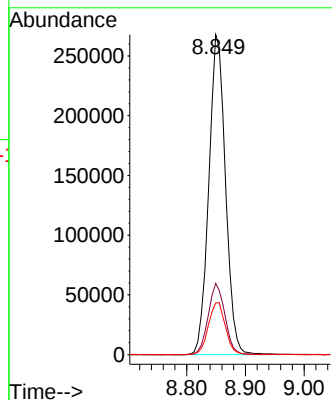
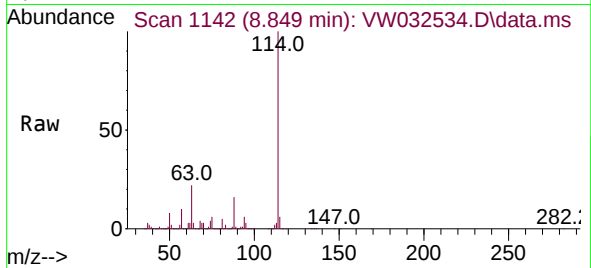




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW032534.D
Acq: 25 Nov 2025 13:48

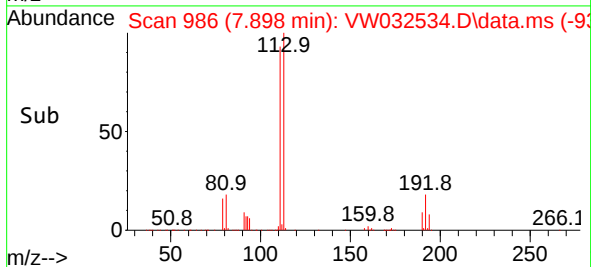
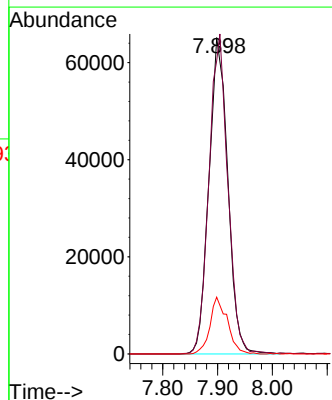
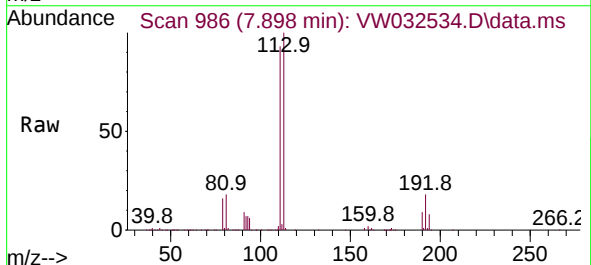
Instrument :
MSVOA_W
ClientSampleId :
SB-1125-10B

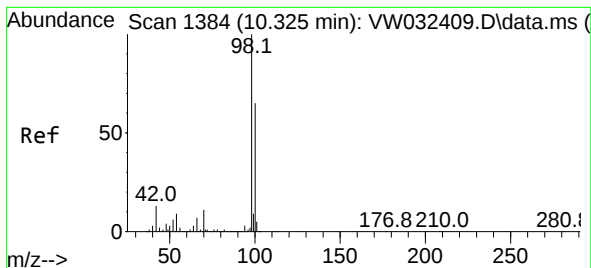
Tgt Ion:114 Resp: 528970
Ion Ratio Lower Upper
114 100
63 22.2 0.0 41.8
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.411 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032534.D
Acq: 25 Nov 2025 13:48

Tgt Ion:113 Resp: 156487
Ion Ratio Lower Upper
113 100
111 100.6 83.1 124.7
192 16.5 13.4 20.2





#50

Toluene-d8

Concen: 44.364 ug/l

RT: 10.325 min Scan# 1384

Delta R.T. 0.000 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

Instrument :

MSVOA_W

ClientSampleId :

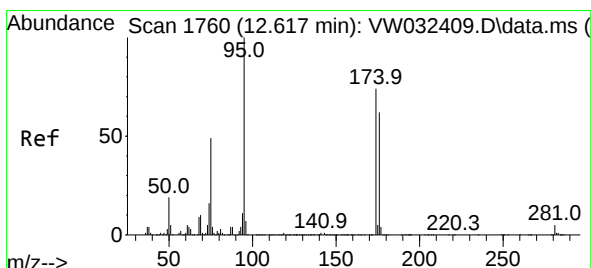
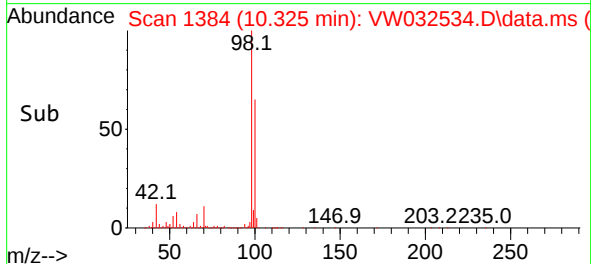
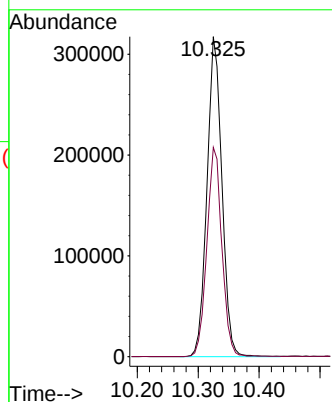
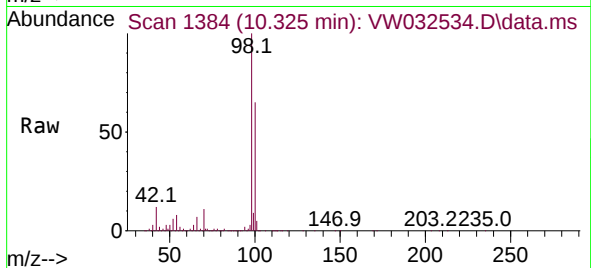
SB-1125-10B

Tgt Ion: 98 Resp: 539022

Ion Ratio Lower Upper

98 100

100 65.7 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 51.396 ug/l

RT: 12.617 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

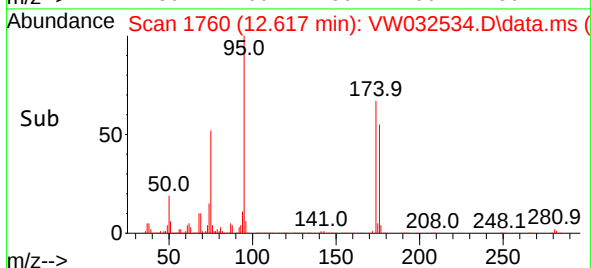
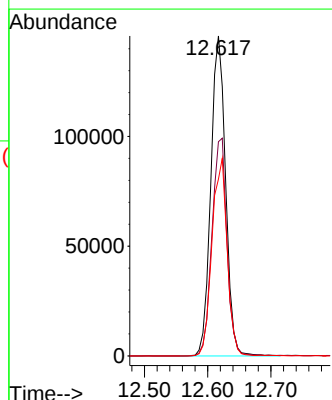
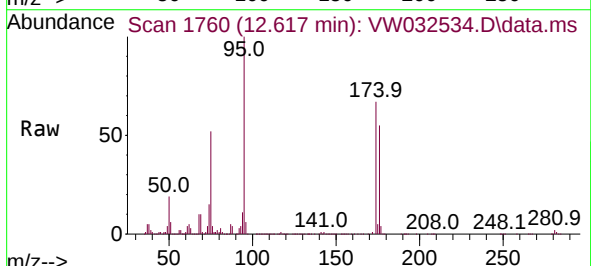
Tgt Ion: 95 Resp: 235894

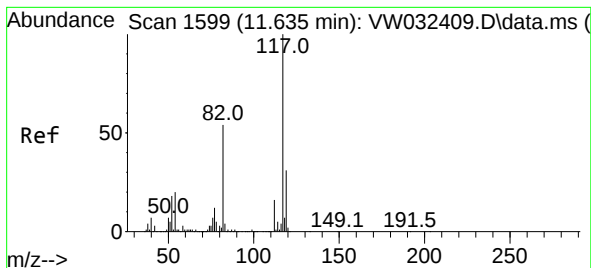
Ion Ratio Lower Upper

95 100

174 69.1 0.0 135.4

176 63.2 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

Instrument :

MSVOA_W

ClientSampleId :

SB-1125-10B

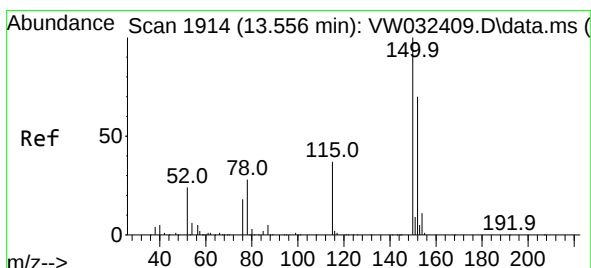
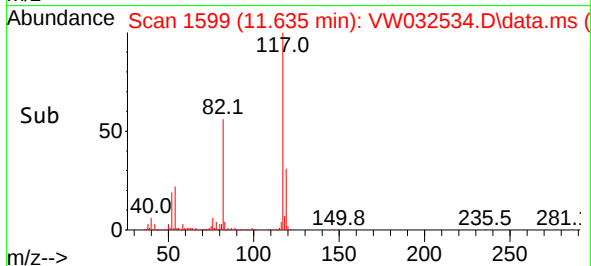
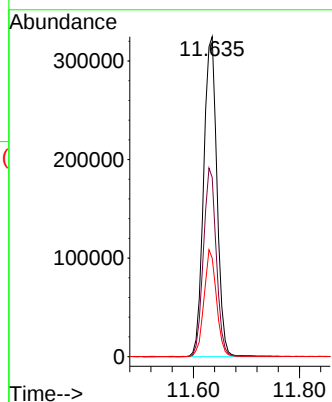
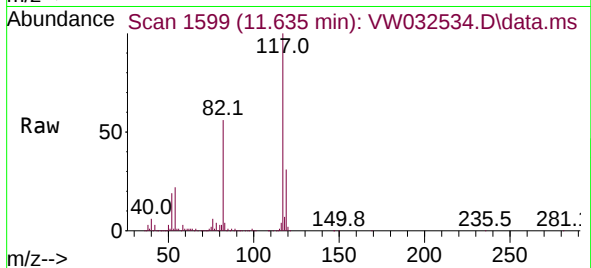
Tgt Ion:117 Resp: 565806

Ion Ratio Lower Upper

117 100

82 56.0 43.0 64.4

119 30.7 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032534.D

Acq: 25 Nov 2025 13:48

Tgt Ion:152 Resp: 258185

Ion Ratio Lower Upper

152 100

115 65.4 32.8 98.3

150 158.1 0.0 356.6

