

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071025\
 Data File : VW031799.D
 Acq On : 10 Jul 2025 13:47
 Operator : SY/MD
 Sample : Q2529-06
 Misc : 5.73g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-102

Quant Time: Jul 11 02:20:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	185474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	405430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	383839	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	173217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	144084	54.131	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	108.260%
35) Dibromofluoromethane	7.904	113	122681	46.372	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	92.740%
50) Toluene-d8	10.325	98	449699	45.676	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.617	95	179693	49.596	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	99.200%

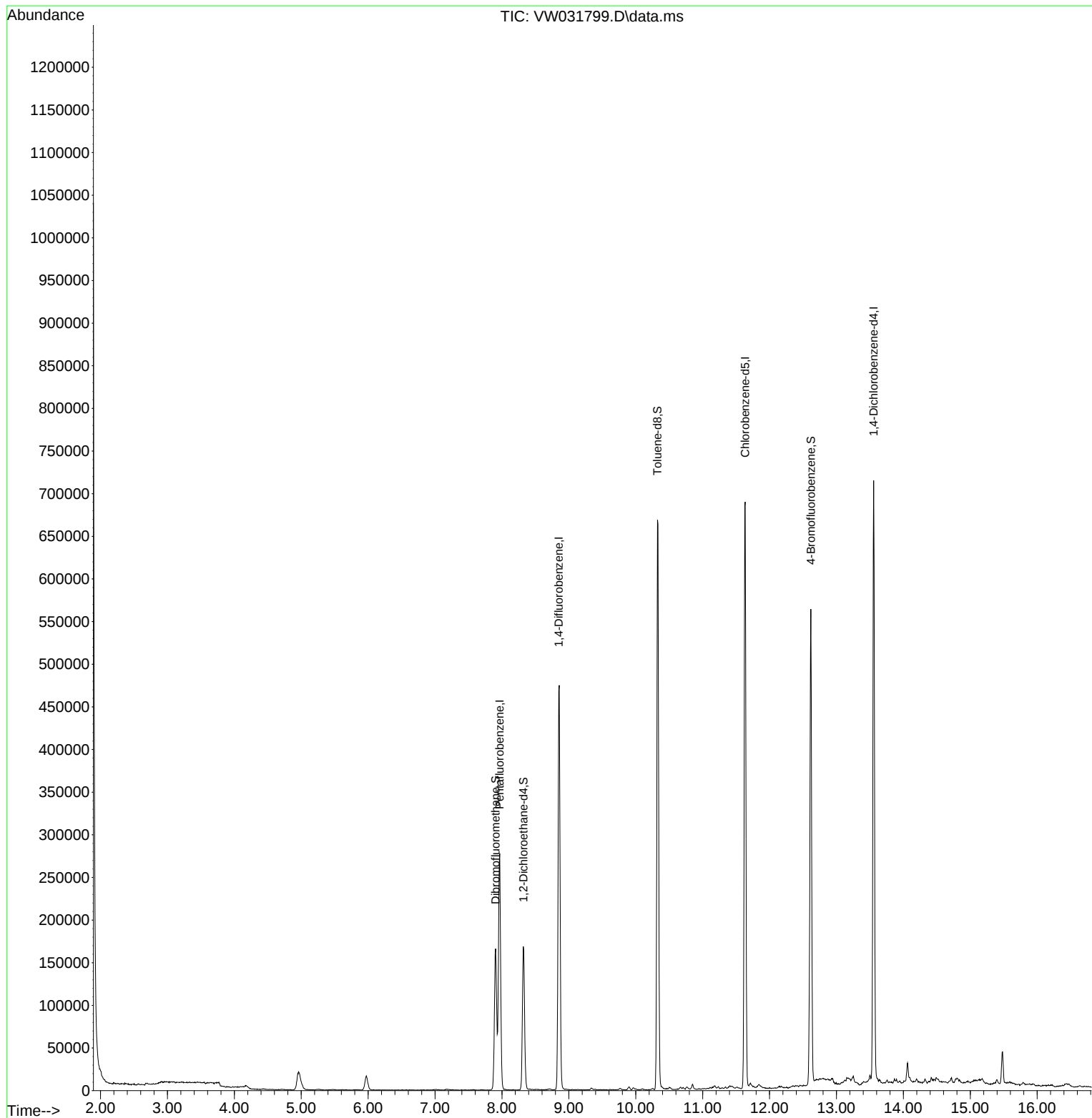
Target Compounds	Qvalue

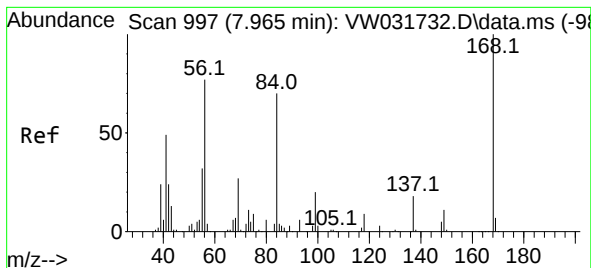
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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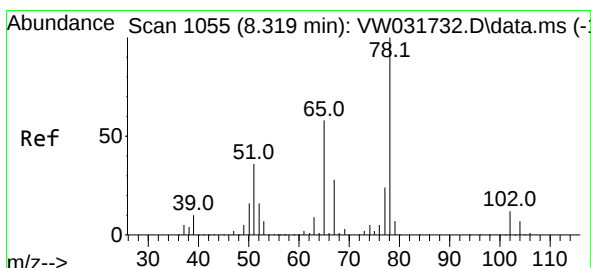
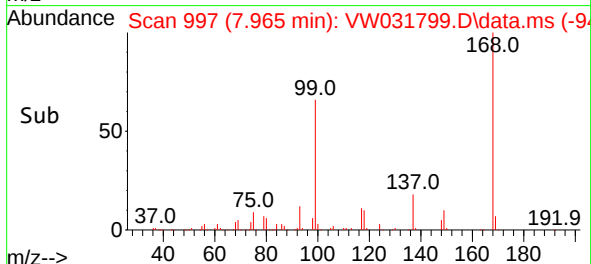
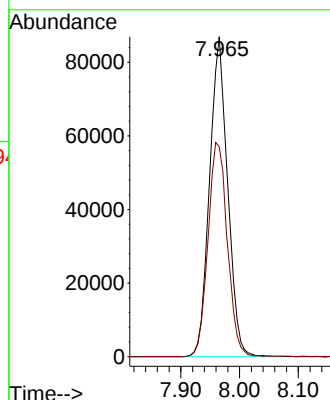
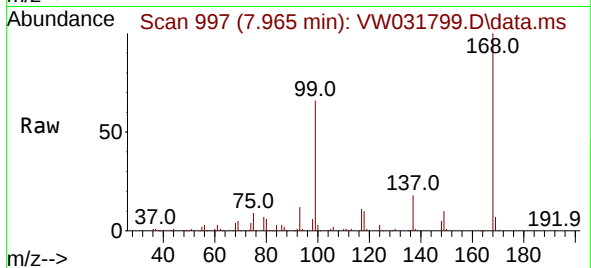




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031799.D
Acq: 10 Jul 2025 13:47

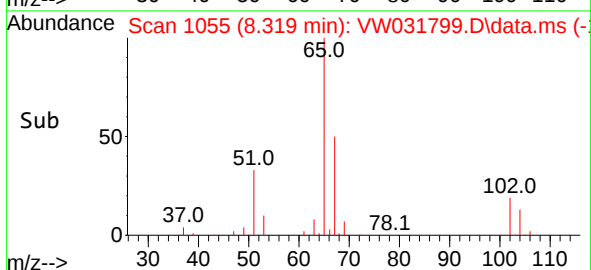
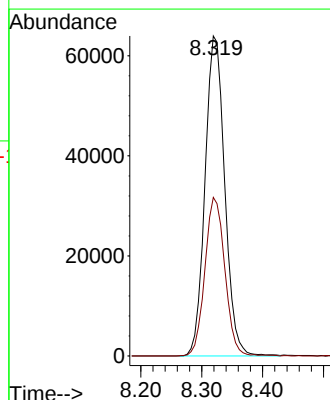
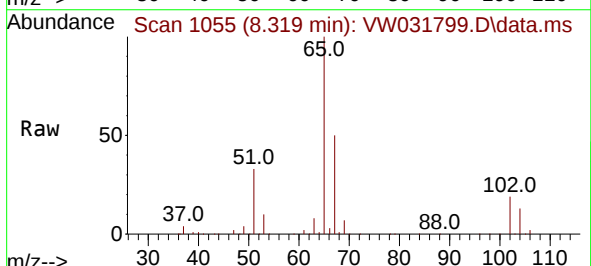
Instrument :
MSVOA_W
ClientSampleId :
TP-102

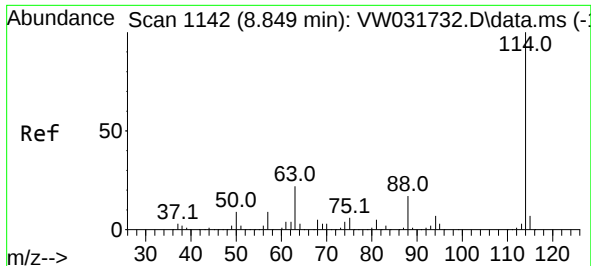
Tgt Ion:168 Resp: 185474
Ion Ratio Lower Upper
168 100
99 65.6 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 54.131 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031799.D
Acq: 10 Jul 2025 13:47

Tgt Ion: 65 Resp: 144084
Ion Ratio Lower Upper
65 100
67 50.1 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. 0.000 min

Lab File: VW031799.D

Acq: 10 Jul 2025 13:47

Instrument :

MSVOA_W

ClientSampleId :

TP-102

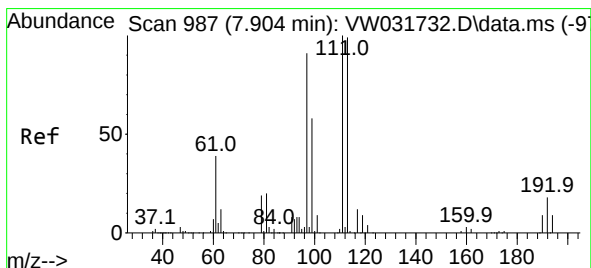
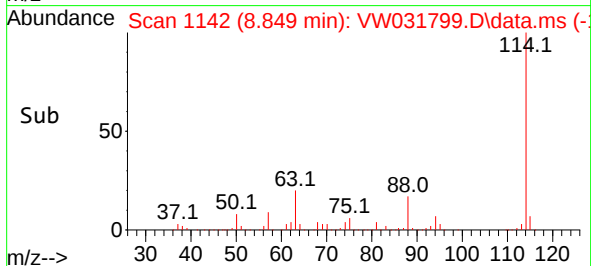
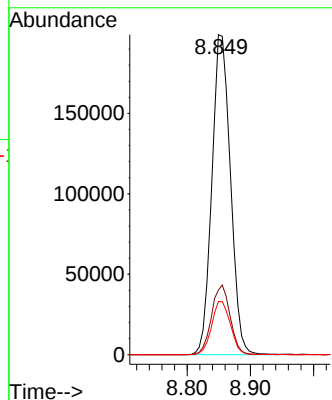
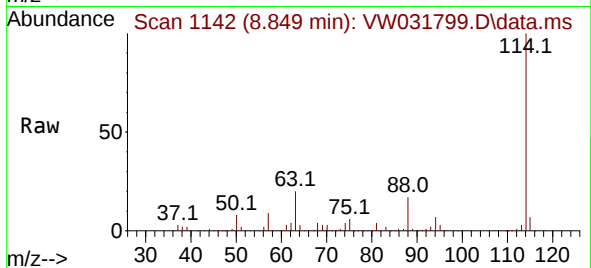
Tgt Ion:114 Resp: 405430

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.6

88 16.6 0.0 34.2



#35

Dibromofluoromethane

Concen: 46.372 ug/l

RT: 7.904 min Scan# 987

Delta R.T. 0.000 min

Lab File: VW031799.D

Acq: 10 Jul 2025 13:47

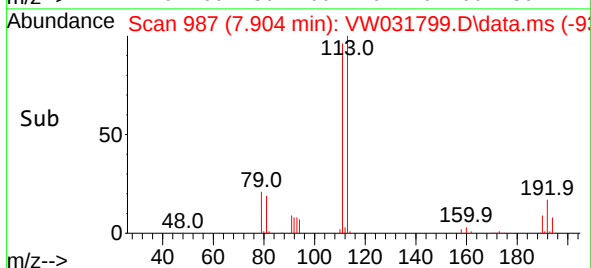
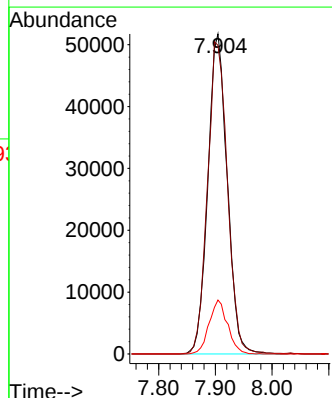
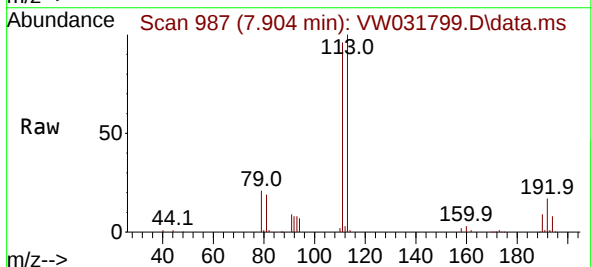
Tgt Ion:113 Resp: 122681

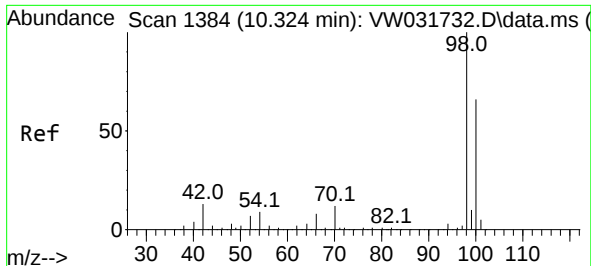
Ion Ratio Lower Upper

113 100

111 100.3 82.1 123.1

192 16.1 13.8 20.6

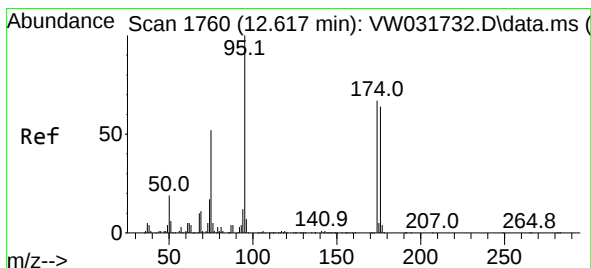
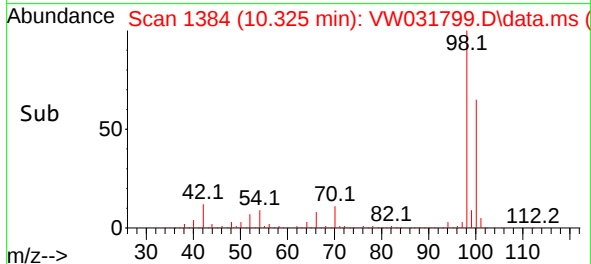
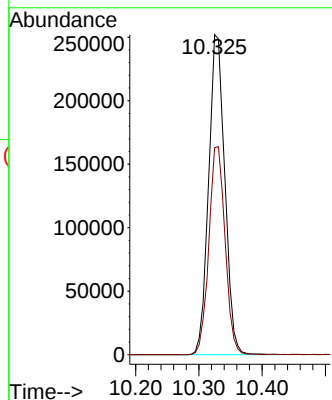
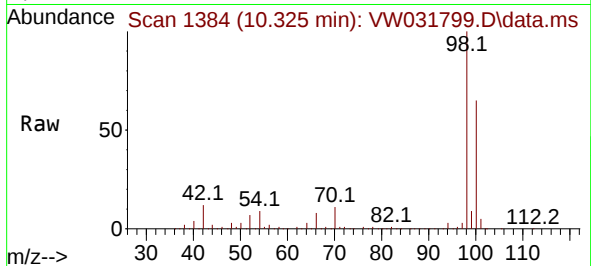




#50
Toluene-d8
Concen: 45.676 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031799.D
Acq: 10 Jul 2025 13:47

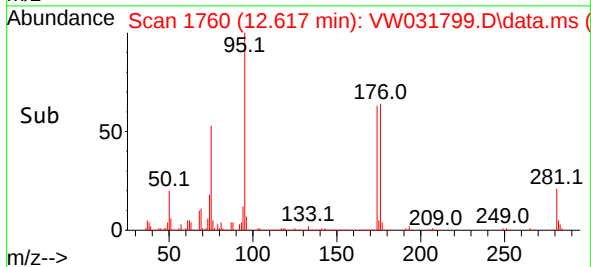
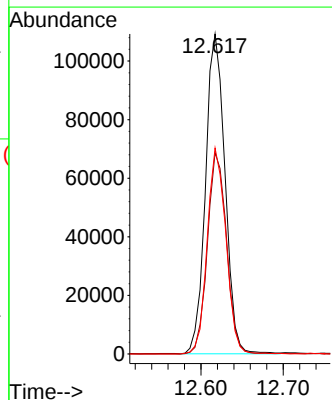
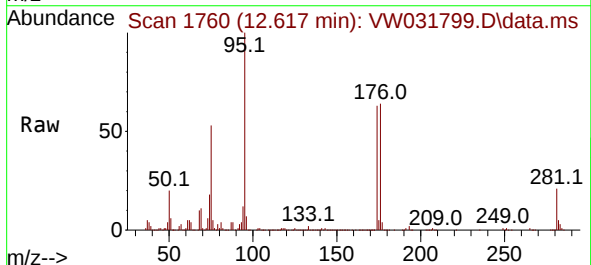
Instrument :
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TP-102

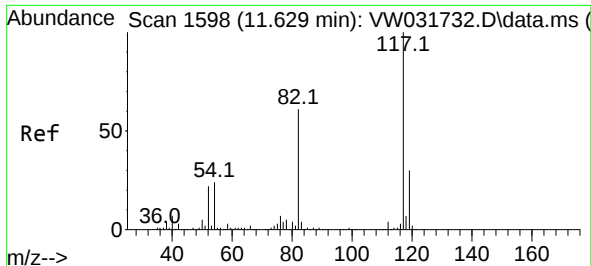
Tgt Ion: 98 Resp: 449699
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.596 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031799.D
Acq: 10 Jul 2025 13:47

Tgt Ion: 95 Resp: 179693
Ion Ratio Lower Upper
95 100
174 61.9 0.0 133.8
176 61.9 0.0 126.0

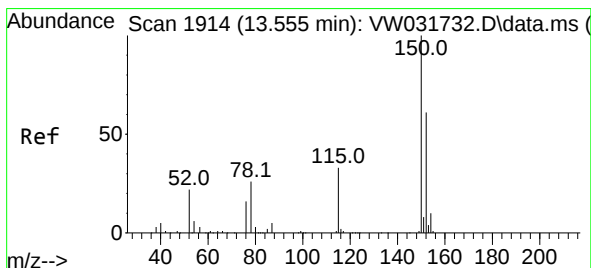
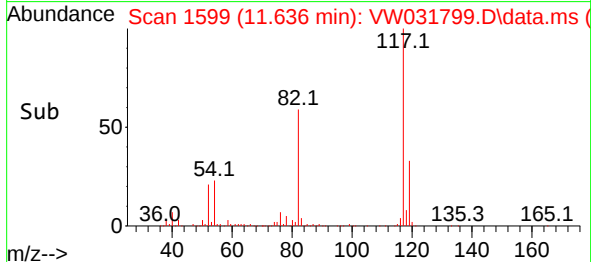
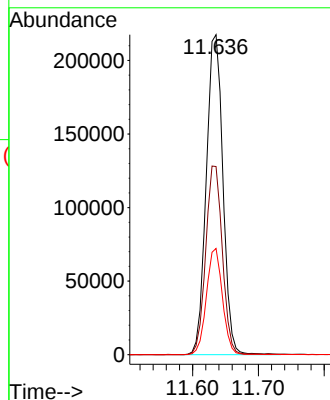
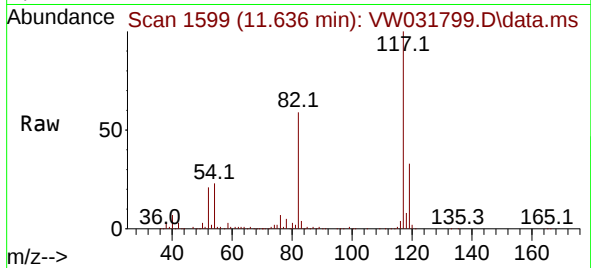




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 11
Delta R.T. 0.007 min
Lab File: VW031799.D
Acq: 10 Jul 2025 13:47

Instrument :
MSVOA_W
ClientSampleId :
TP-102

Tgt Ion:117 Resp: 383839
Ion Ratio Lower Upper
117 100
82 58.8 48.6 72.8
119 33.2 23.9 35.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031799.D
Acq: 10 Jul 2025 13:47

Tgt Ion:152 Resp: 173217
Ion Ratio Lower Upper
152 100
115 68.2 31.9 95.7
150 159.5 0.0 356.4

