

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
 Data File : VW031956.D
 Acq On : 30 Jul 2025 11:35
 Operator : SY/MD
 Sample : VW0730SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0730SBL01

Quant Time: Jul 31 02:29:16 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	186606	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	377186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	353594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	168434	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	145120	51.409	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	102.820%
35) Dibromofluoromethane	7.898	113	128231	50.031	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	100.060%
50) Toluene-d8	10.325	98	486555	50.159	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	100.320%
62) 4-Bromofluorobenzene	12.617	95	165168	44.344	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	88.680%

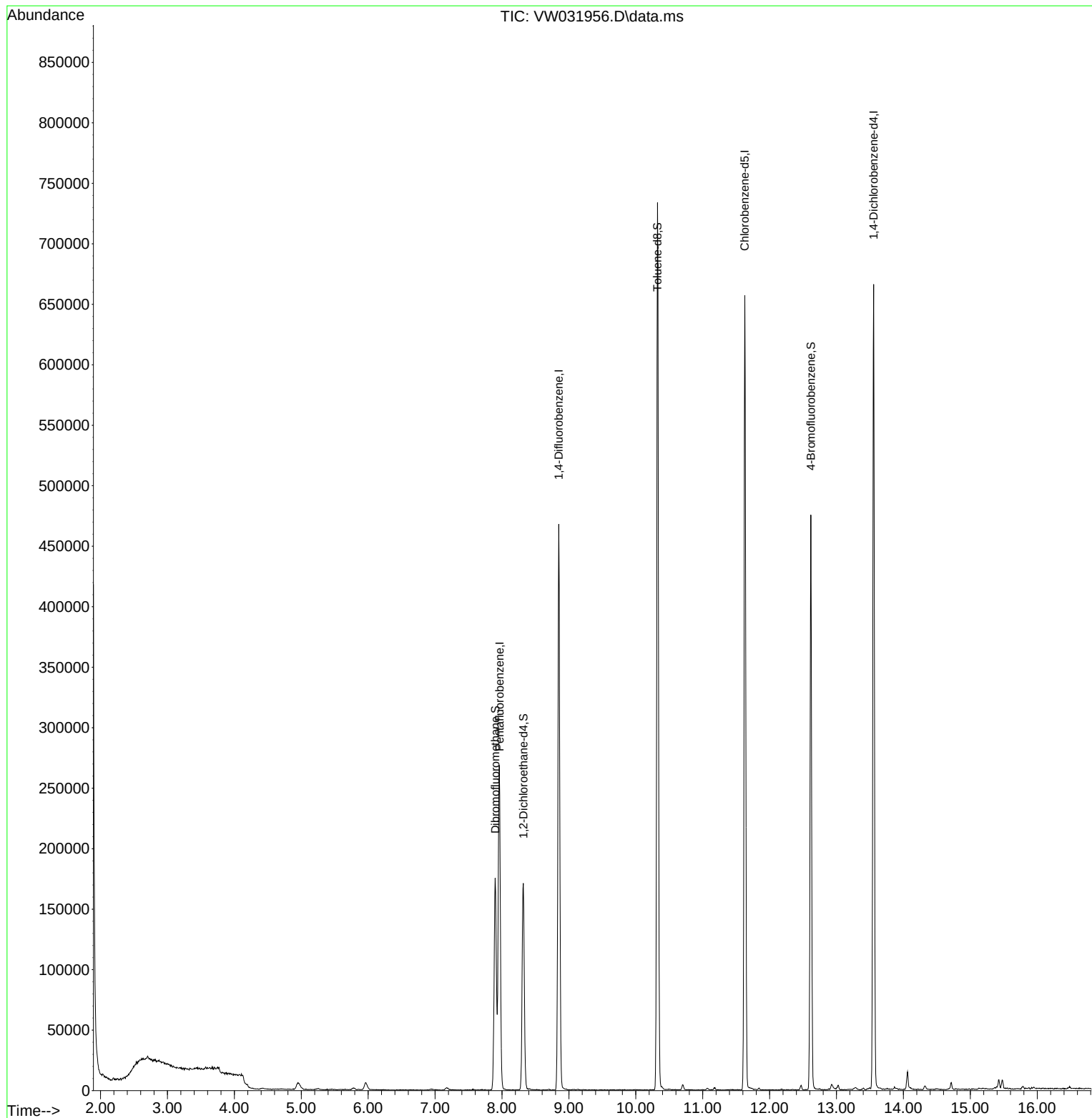
Target Compounds	Qvalue

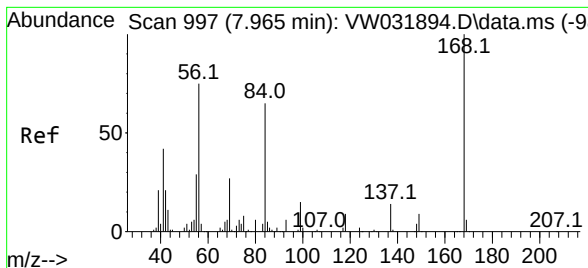
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073025\
Data File : VW031956.D
Acq On : 30 Jul 2025 11:35
Operator : SY/MD
Sample : VW0730SBL01
Misc : 5.00g/5mL/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBL01

Quant Time: Jul 31 02:29:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 23 08:18:46 2025
Response via : Initial Calibration

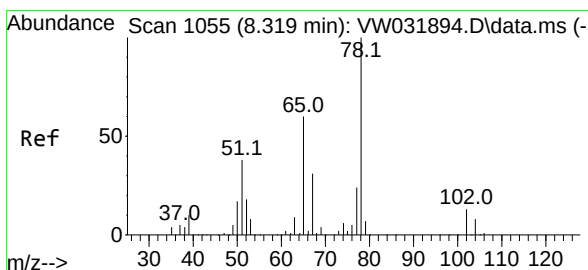
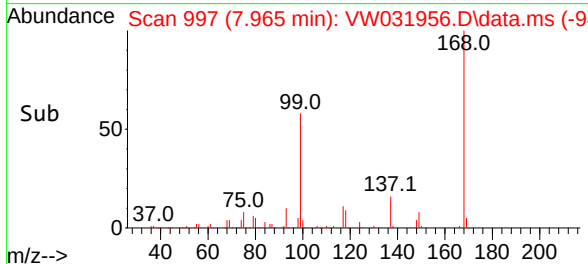
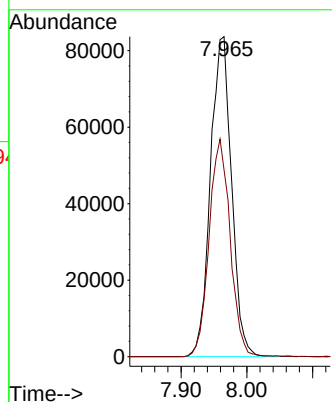
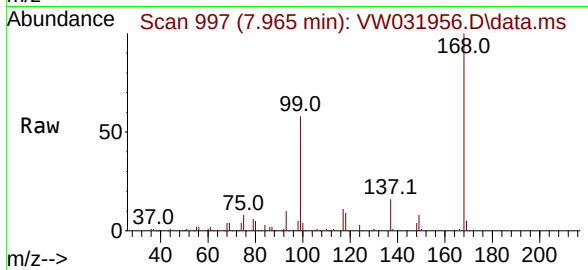




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 997
Delta R.T. 0.000 min
Lab File: VW031956.D
Acq: 30 Jul 2025 11:35

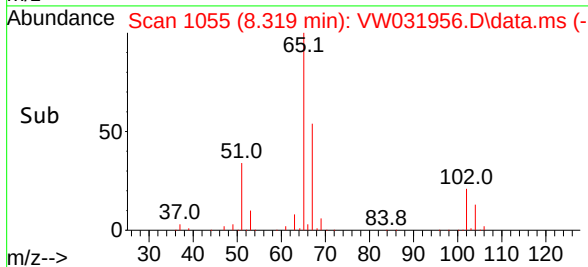
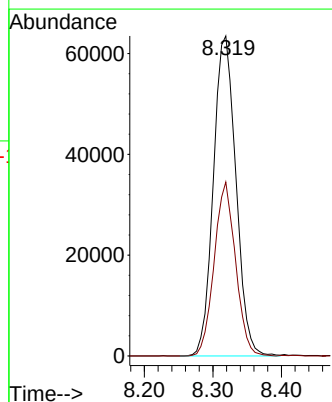
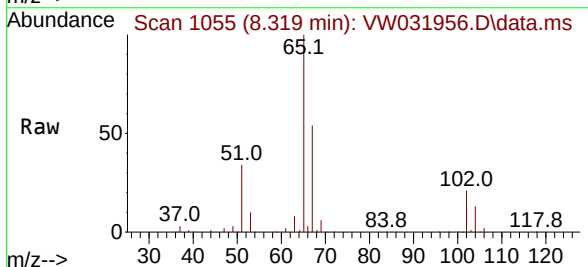
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBL01

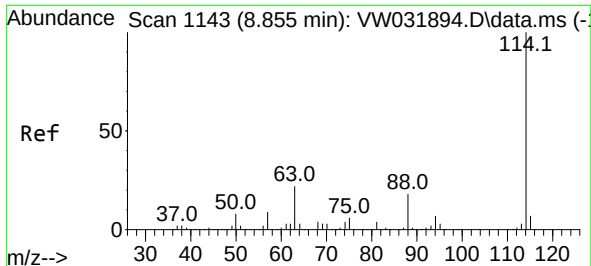
Tgt Ion:168 Resp: 186606
Ion Ratio Lower Upper
168 100
99 58.4 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 51.409 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031956.D
Acq: 30 Jul 2025 11:35

Tgt Ion: 65 Resp: 145120
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW031956.D

Acq: 30 Jul 2025 11:35

Instrument :

MSVOA_W

ClientSampleId :

VW0730SBL01

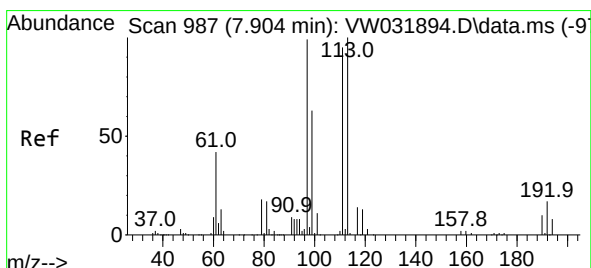
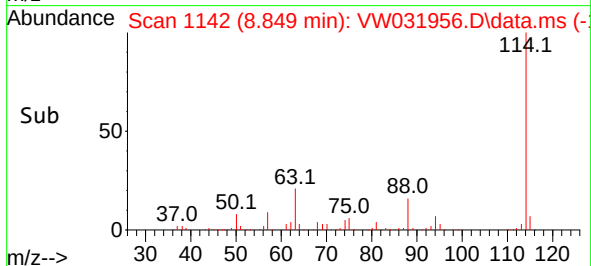
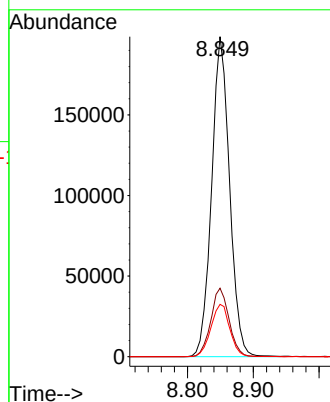
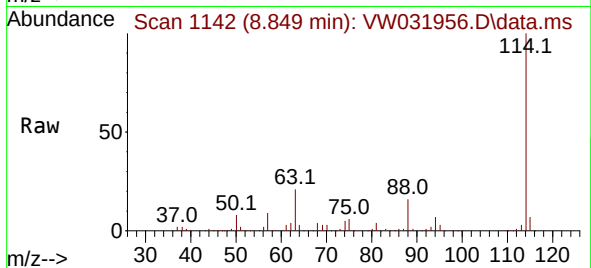
Tgt Ion:114 Resp: 377186

Ion Ratio Lower Upper

114 100

63 21.4 0.0 44.2

88 16.4 0.0 35.6



#35

Dibromofluoromethane

Concen: 50.031 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031956.D

Acq: 30 Jul 2025 11:35

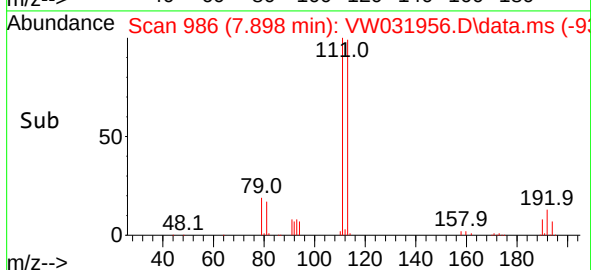
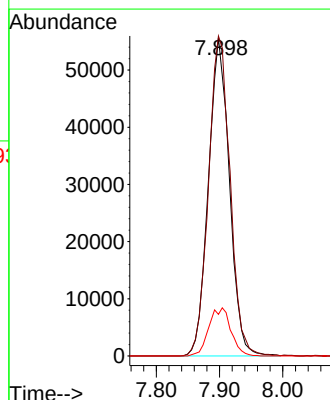
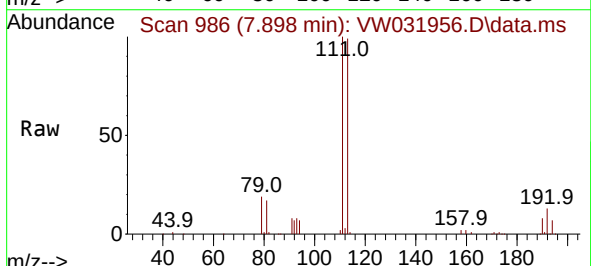
Tgt Ion:113 Resp: 128231

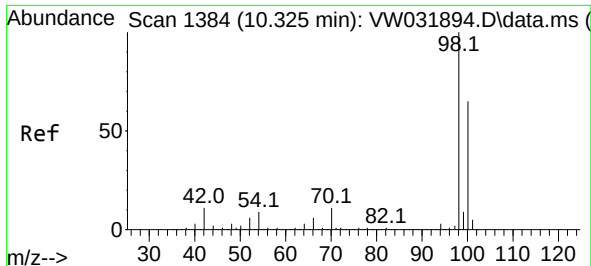
Ion Ratio Lower Upper

113 100

111 103.3 79.9 119.9

192 16.0 12.6 19.0

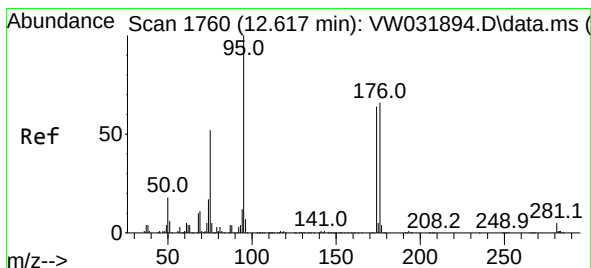
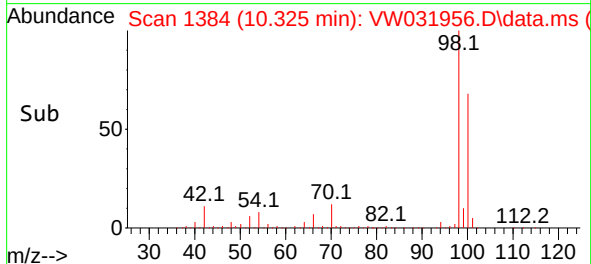
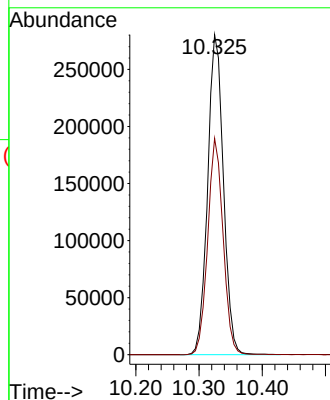
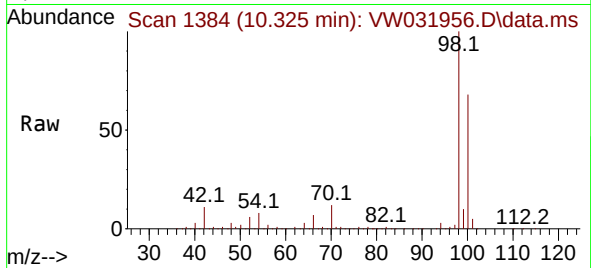




#50
Toluene-d8
Concen: 50.159 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031956.D
Acq: 30 Jul 2025 11:35

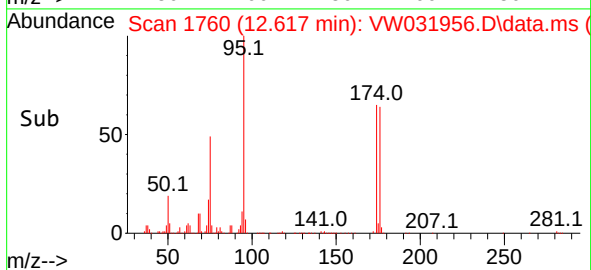
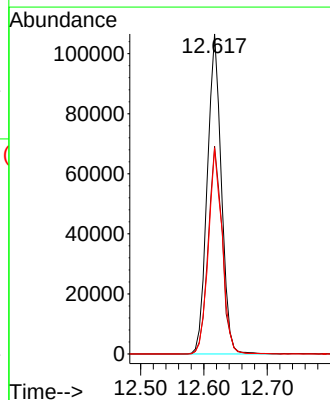
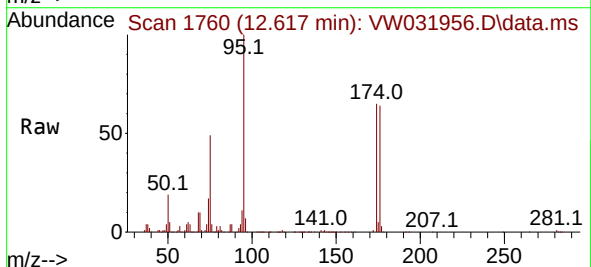
Instrument :
MSVOA_W
ClientSampleId :
VW0730SBL01

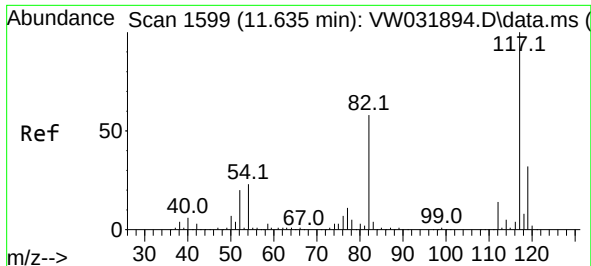
Tgt Ion: 98 Resp: 486555
Ion Ratio Lower Upper
98 100
100 65.9 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.344 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031956.D
Acq: 30 Jul 2025 11:35

Tgt Ion: 95 Resp: 165168
Ion Ratio Lower Upper
95 100
174 64.1 0.0 129.8
176 62.9 0.0 130.4

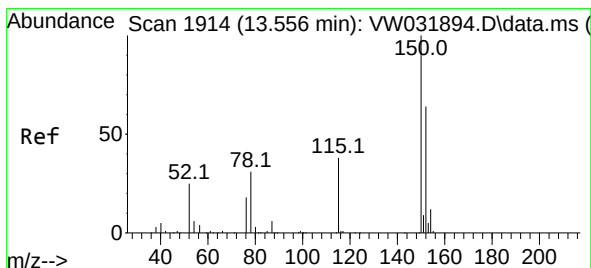
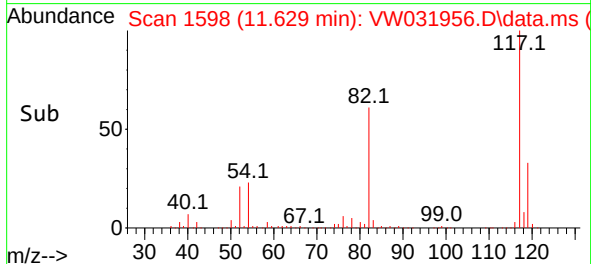
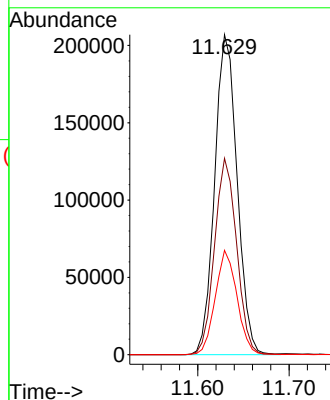
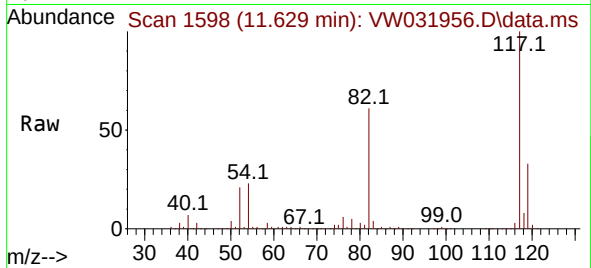




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031956.D
Acq: 30 Jul 2025 11:35

Instrument :
MSVOA_W
ClientSampleId :
VW0730SBL01

Tgt Ion:117 Resp: 353594
Ion Ratio Lower Upper
117 100
82 61.3 46.5 69.7
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW031956.D
Acq: 30 Jul 2025 11:35

Tgt Ion:152 Resp: 168434
Ion Ratio Lower Upper
152 100
115 66.1 33.4 100.1
150 158.4 0.0 352.2

