

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080425\
 Data File : VW031988.D
 Acq On : 04 Aug 2025 09:54
 Operator : SY/MD
 Sample : VW0804SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0804SBL01

Quant Time: Aug 05 01:13:59 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	7.953	168	168222	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	365101	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	334575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	154504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	128662	50.559	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	101.120%
35) Dibromofluoromethane	7.898	113	119254	48.069	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	96.140%
50) Toluene-d8	10.325	98	425728	45.341	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	90.680%
62) 4-Bromofluorobenzene	12.617	95	149946	41.590	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	83.180%

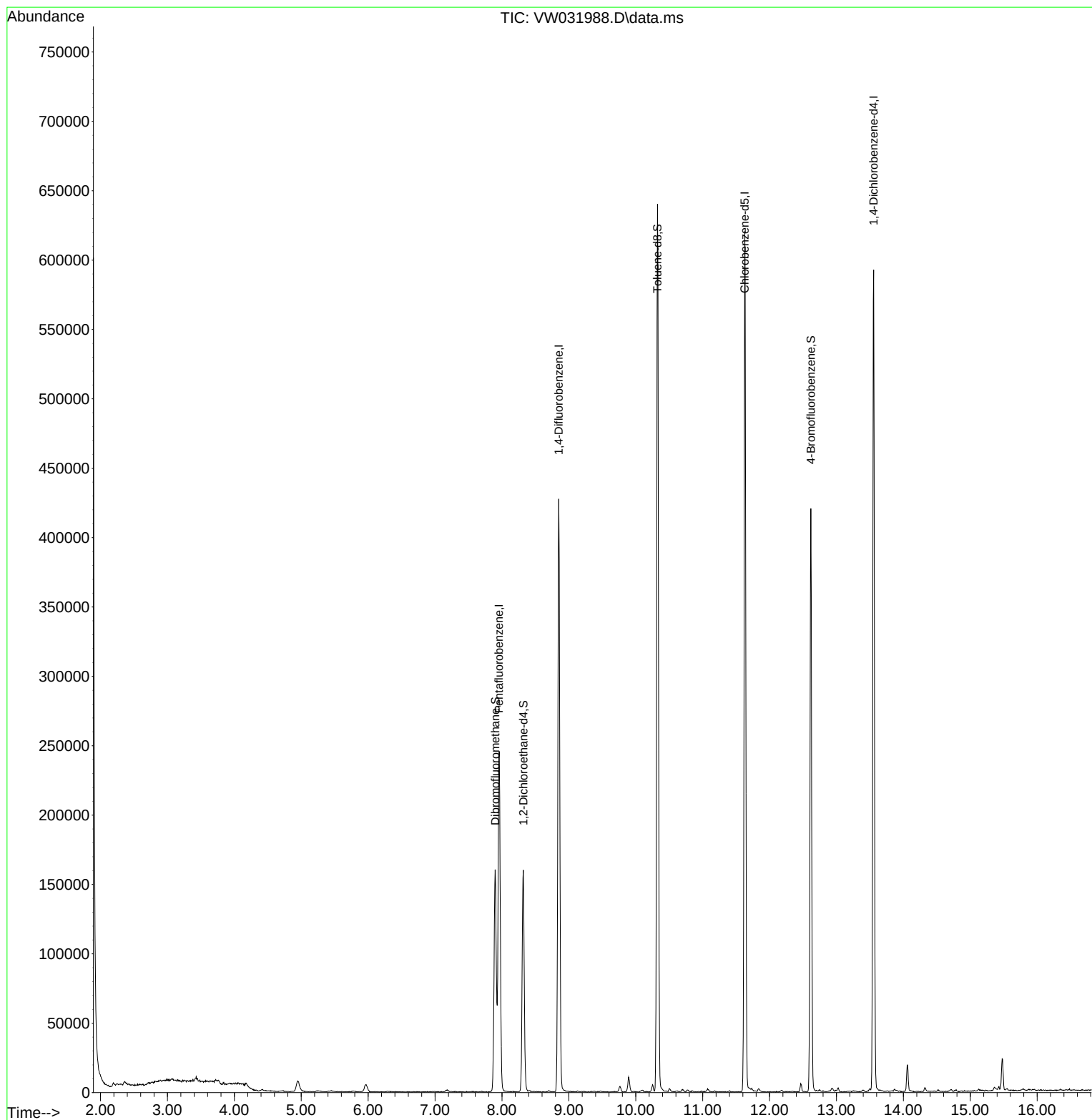
Target Compounds	Qvalue

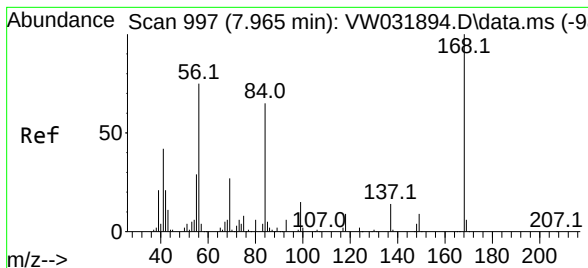
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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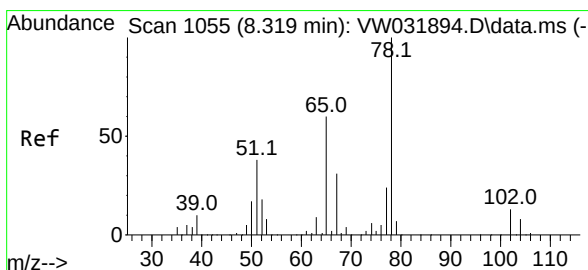
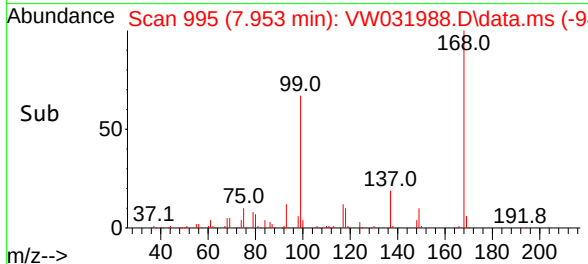
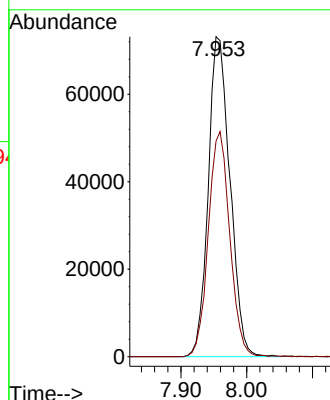
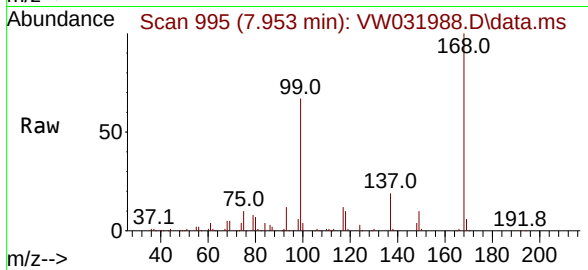




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 99
Delta R.T. -0.012 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

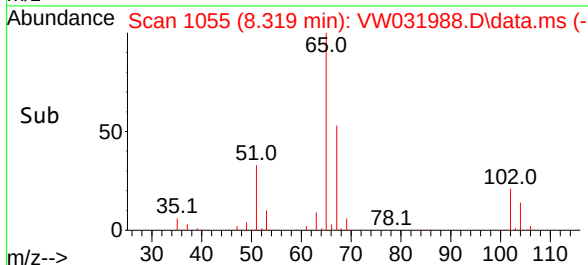
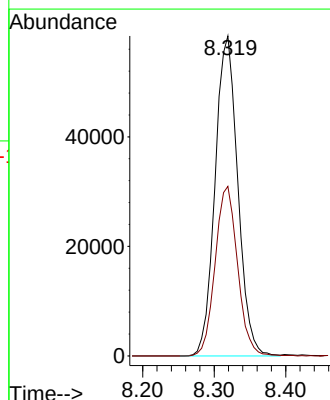
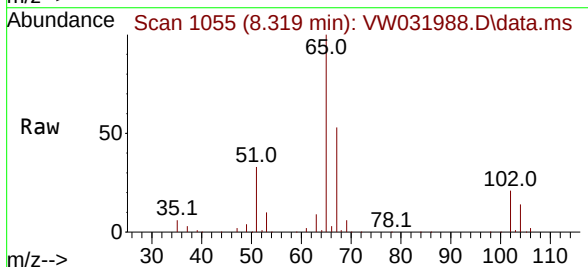
Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL01

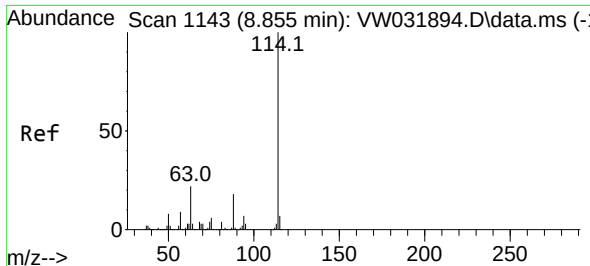
Tgt Ion:168 Resp: 168222
Ion Ratio Lower Upper
168 100
99 67.3 48.2 72.2



#33
1,2-Dichloroethane-d4
Concen: 50.559 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion: 65 Resp: 128662
Ion Ratio Lower Upper
65 100
67 52.4 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1142

Delta R.T. -0.006 min

Lab File: VW031988.D

Acq: 04 Aug 2025 09:54

Instrument :

MSVOA_W

ClientSampleId :

VW0804SBL01

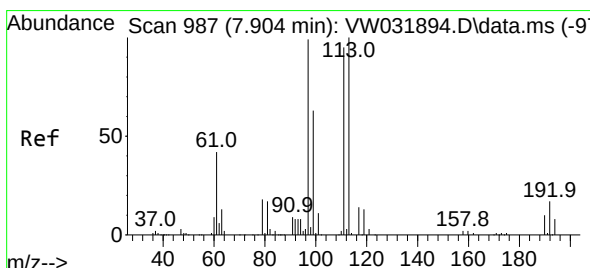
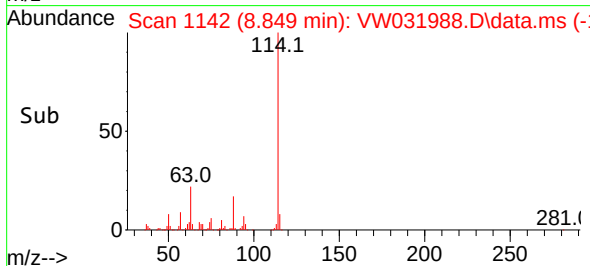
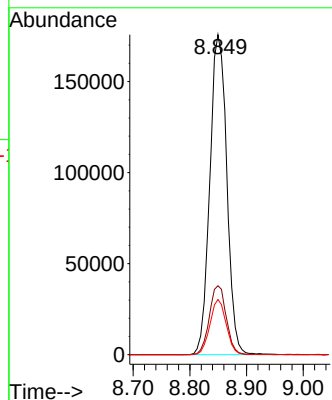
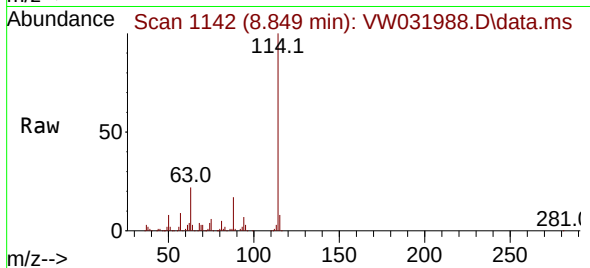
Tgt Ion:114 Resp: 365101

Ion Ratio Lower Upper

114 100

63 21.6 0.0 44.2

88 17.3 0.0 35.6



#35

Dibromofluoromethane

Concen: 48.069 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031988.D

Acq: 04 Aug 2025 09:54

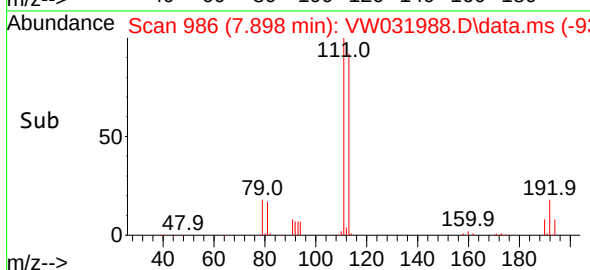
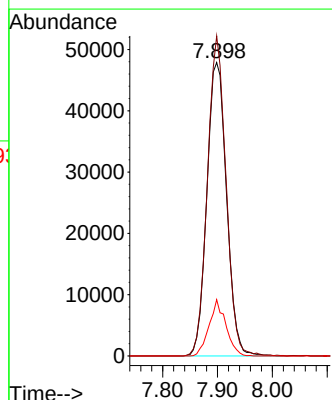
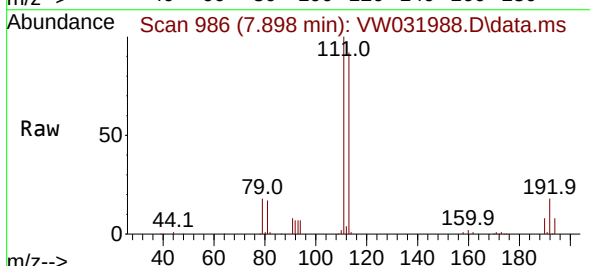
Tgt Ion:113 Resp: 119254

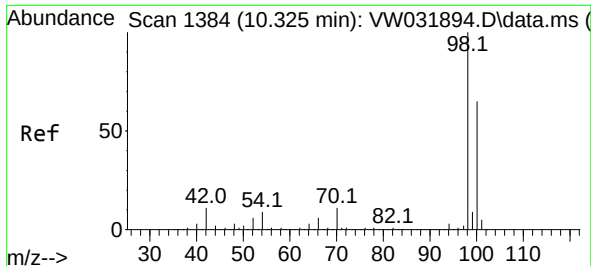
Ion Ratio Lower Upper

113 100

111 103.2 79.9 119.9

192 16.5 12.6 19.0

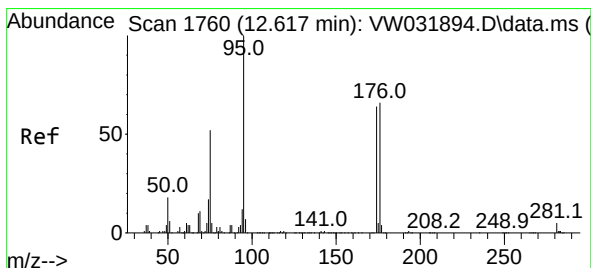
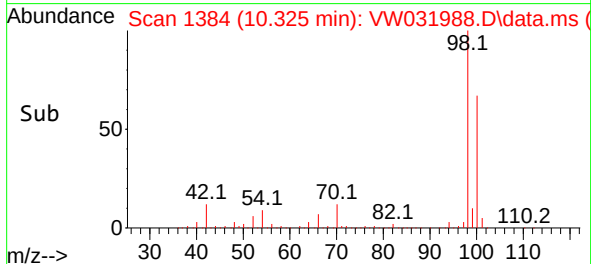
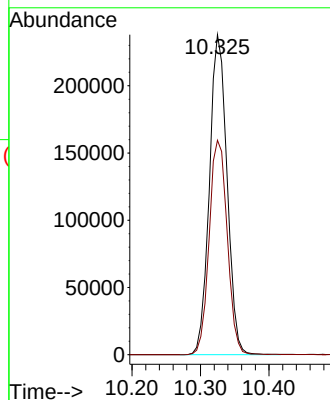
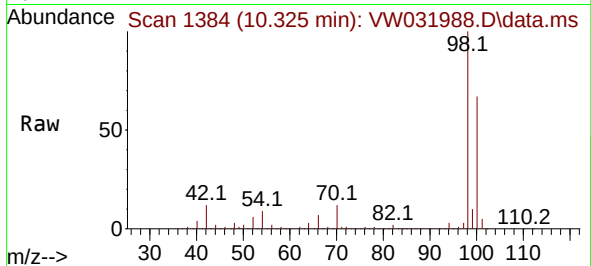




#50
Toluene-d8
Concen: 45.341 ug/l
RT: 10.325 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

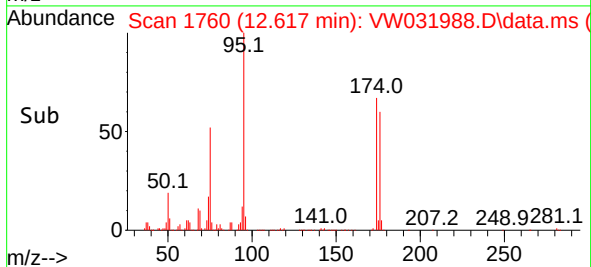
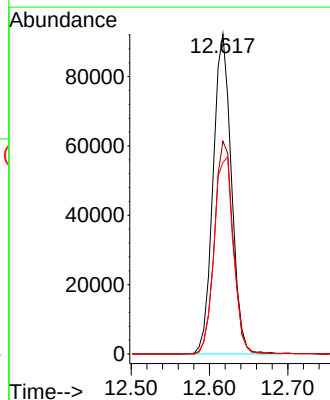
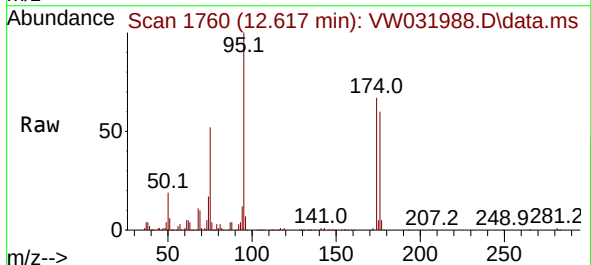
Instrument :
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VW0804SBL01

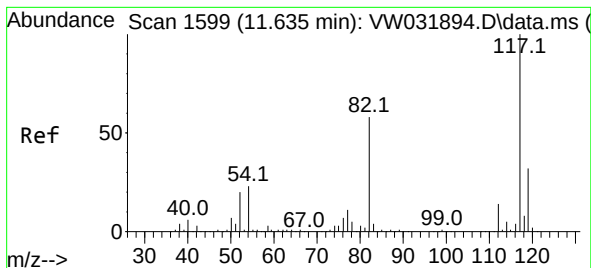
Tgt Ion: 98 Resp: 425728
Ion Ratio Lower Upper
98 100
100 68.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 41.590 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion: 95 Resp: 149946
Ion Ratio Lower Upper
95 100
174 68.0 0.0 129.8
176 65.2 0.0 130.4

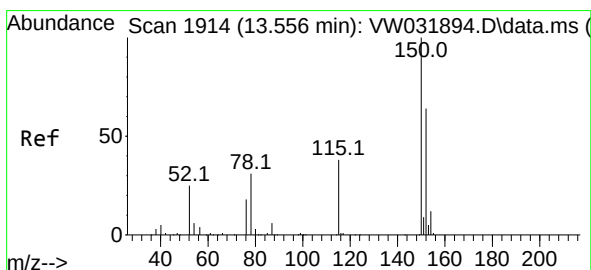
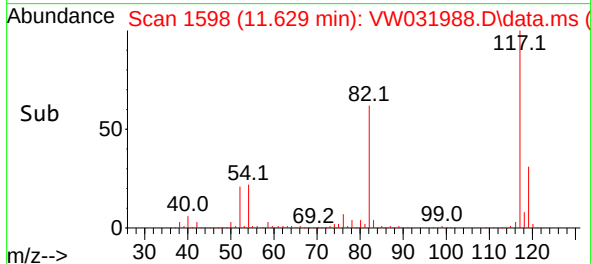
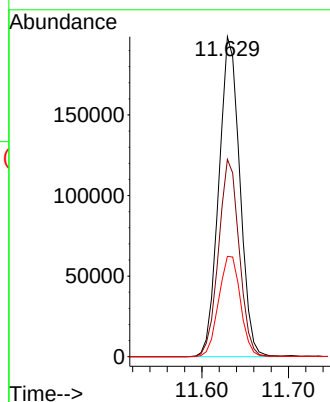
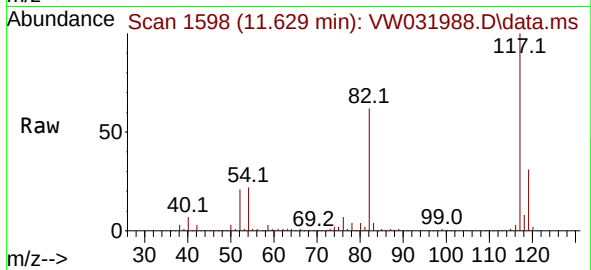




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW031988.D
Acq: 04 Aug 2025 09:54

Instrument :
MSVOA_W
ClientSampleId :
VW0804SBL01

Tgt Ion:117 Resp: 334575
Ion Ratio Lower Upper
117 100
82 61.6 46.5 69.7
119 31.3 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: VW031988.D
Acq: 04 Aug 2025 09:54

Tgt Ion:152 Resp: 154504
Ion Ratio Lower Upper
152 100
115 66.1 33.4 100.1
150 155.3 0.0 352.2

