

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100725\
 Data File : VW032371.D
 Acq On : 07 Oct 2025 10:08
 Operator : SY/MD
 Sample : VW1007SBL01
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1007SBL01

Quant Time: Oct 08 03:18:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W100125S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 02 21:24:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.959	168	160398	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.849	114	388212	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	378174	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	179103	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	157305	67.239	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	134.480%
35) Dibromofluoromethane	7.898	113	138894	55.246	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	110.500%
50) Toluene-d8	10.325	98	475159	51.208	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	102.420%
62) 4-Bromofluorobenzene	12.617	95	168271	47.979	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	95.960%

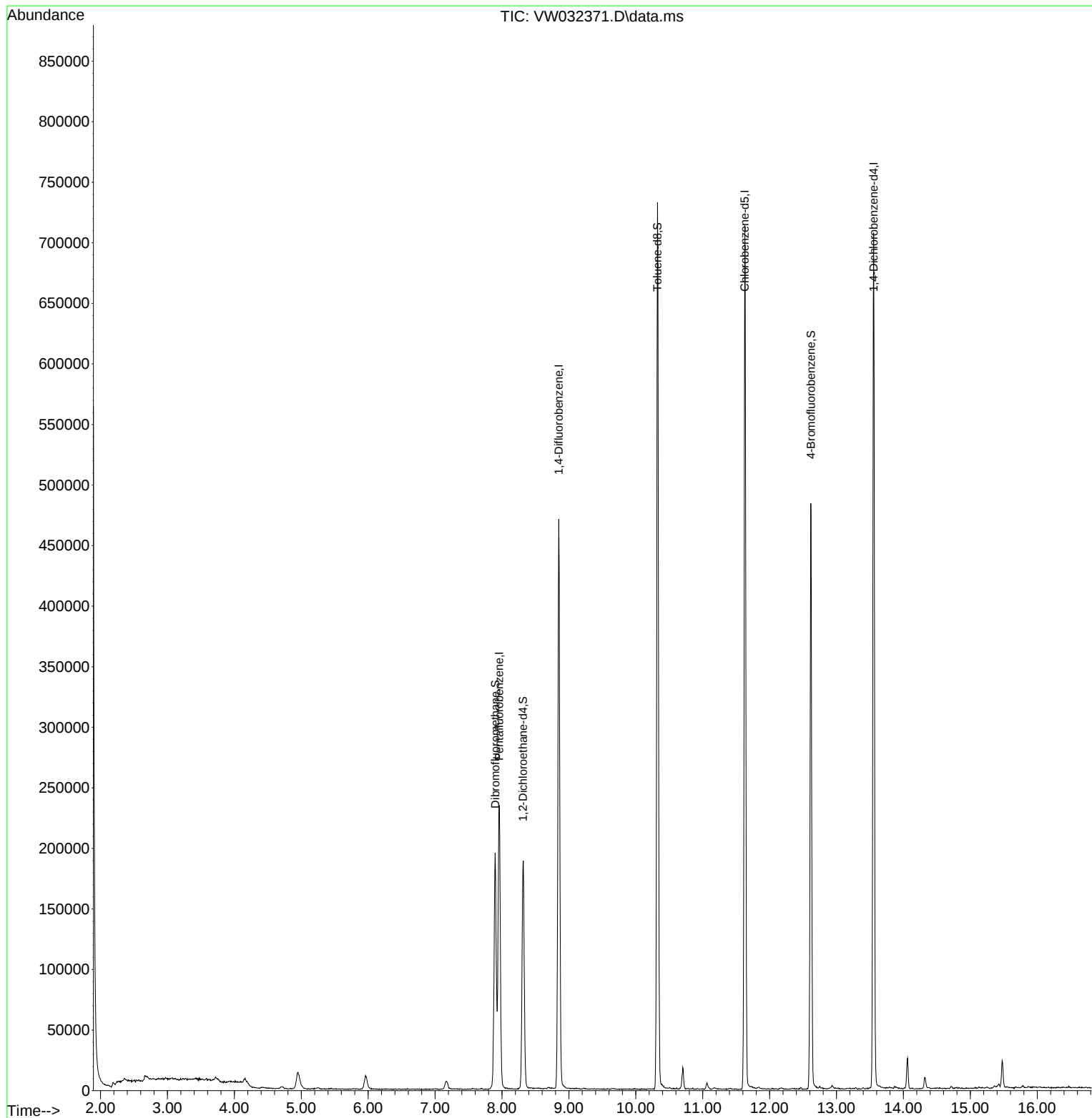
Target Compounds	Qvalue

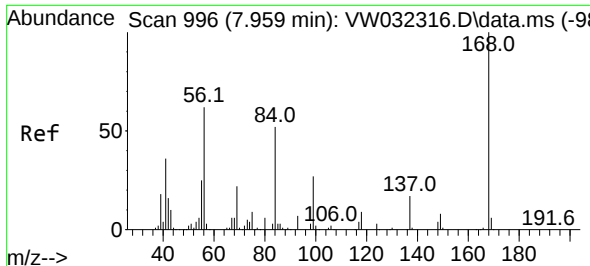
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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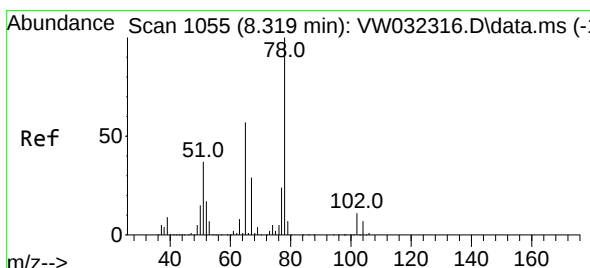
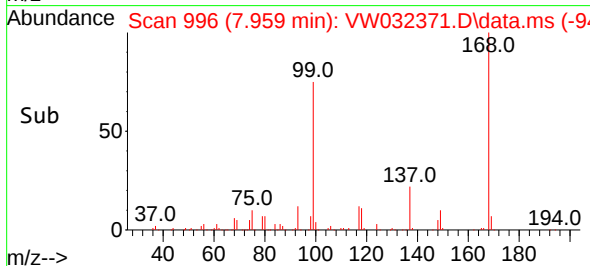
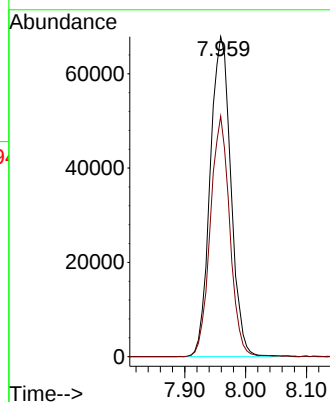
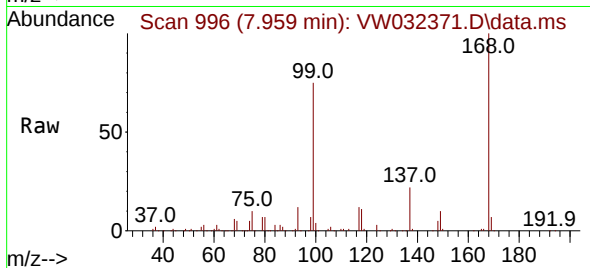




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW032371.D
Acq: 07 Oct 2025 10:08

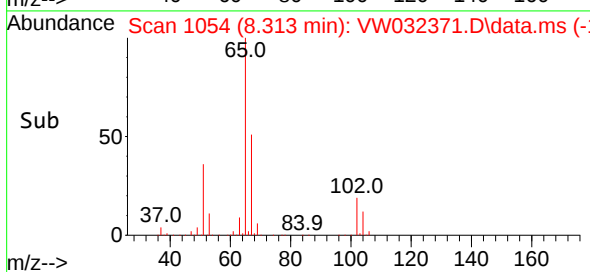
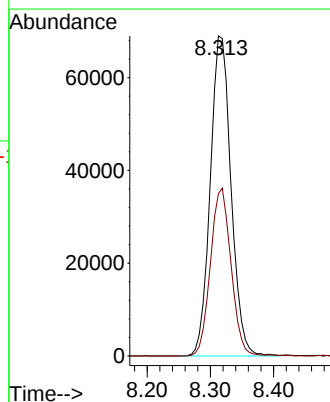
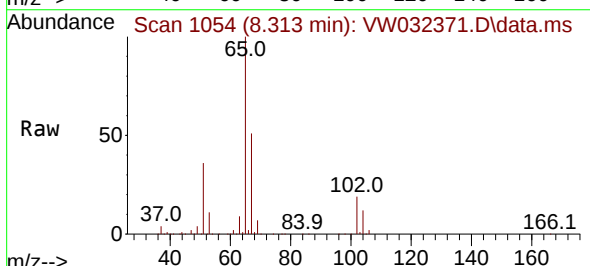
Instrument :
MSVOA_W
ClientSampleId :
VW1007SBL01

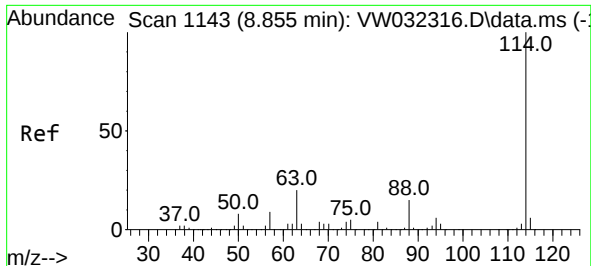
Tgt Ion:168 Resp: 160398
Ion Ratio Lower Upper
168 100
99 75.1 49.3 73.9#



#33
1,2-Dichloroethane-d4
Concen: 67.239 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW032371.D
Acq: 07 Oct 2025 10:08

Tgt Ion: 65 Resp: 157305
Ion Ratio Lower Upper
65 100
67 52.0 0.0 99.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.849 min Scan# 1143

Delta R.T. -0.006 min

Lab File: VW032371.D

Acq: 07 Oct 2025 10:08

Instrument :

MSVOA_W

ClientSampleId :

VW1007SBL01

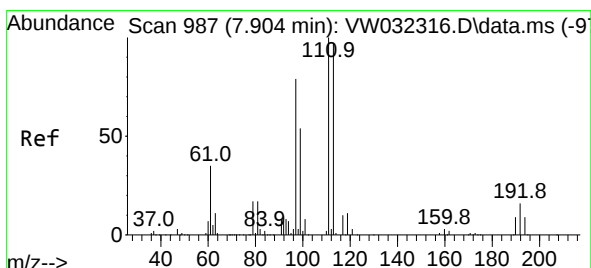
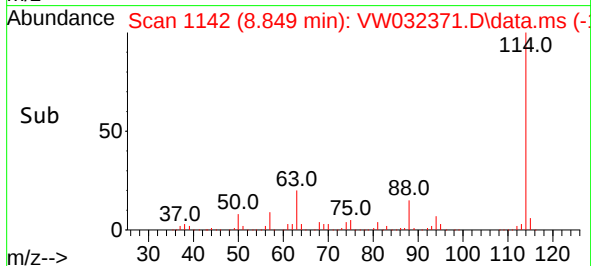
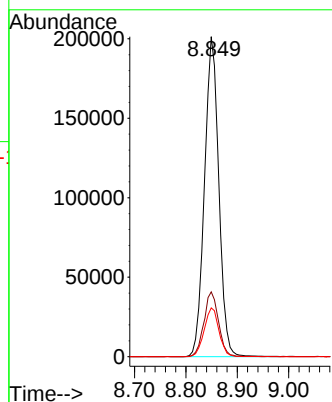
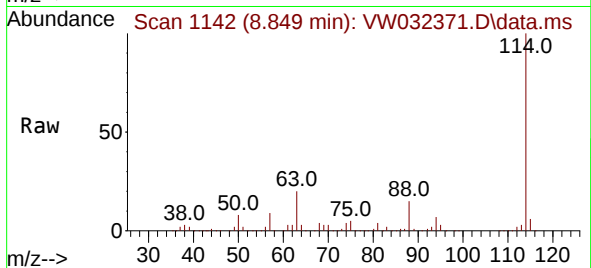
Tgt Ion:114 Resp: 388212

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.4

88 15.3 0.0 32.0



#35

Dibromofluoromethane

Concen: 55.246 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW032371.D

Acq: 07 Oct 2025 10:08

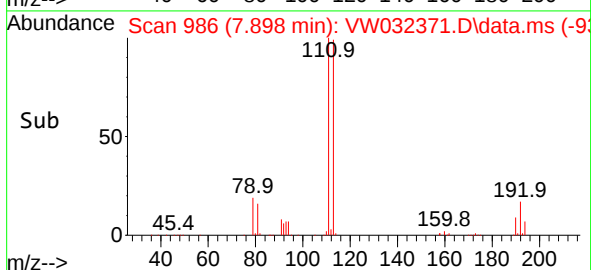
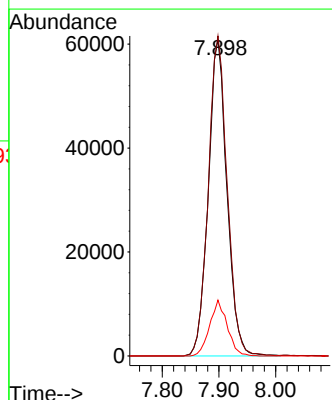
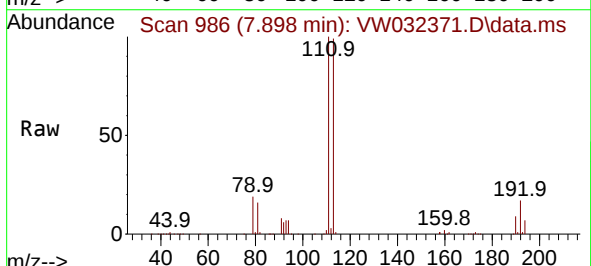
Tgt Ion:113 Resp: 138894

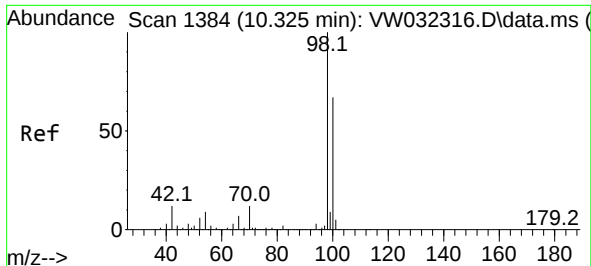
Ion Ratio Lower Upper

113 100

111 102.8 83.9 125.9

192 16.7 14.6 21.8

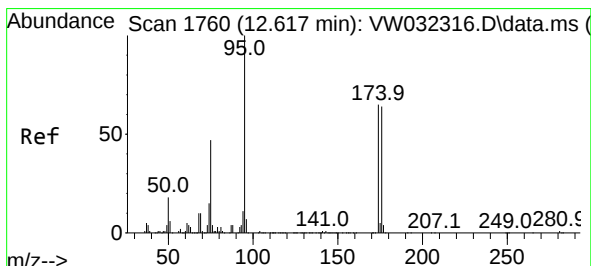
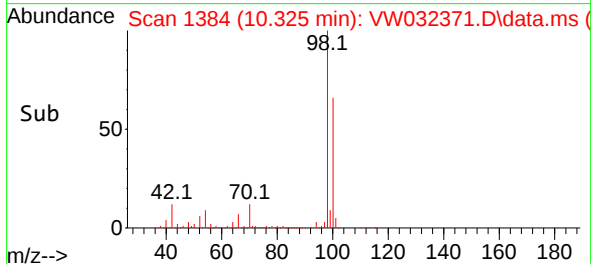
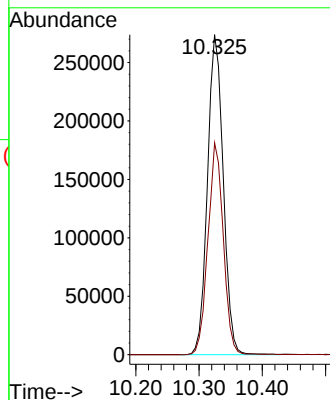
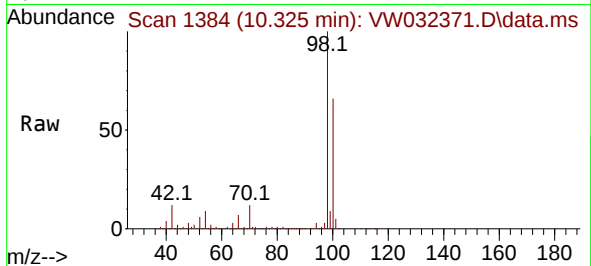




#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.325 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032371.D
Acq: 07 Oct 2025 10:08

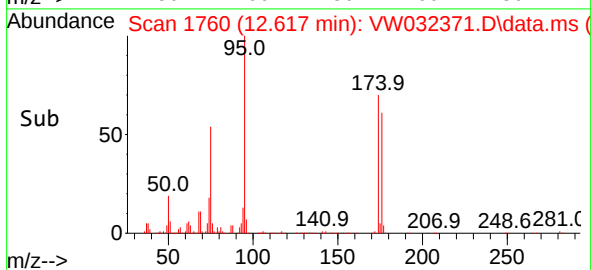
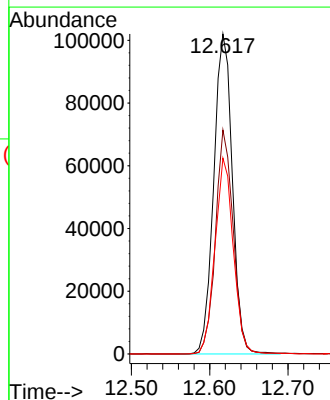
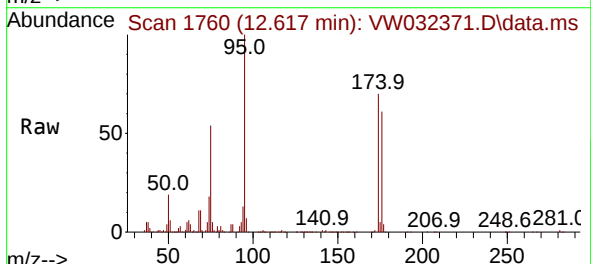
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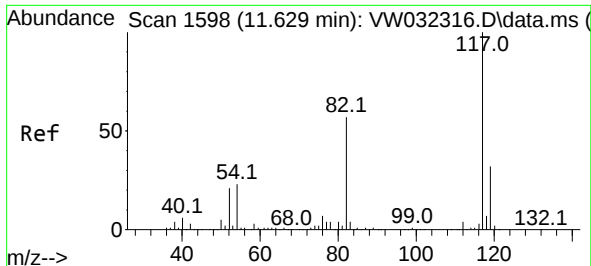
Tgt Ion: 98 Resp: 475159
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 47.979 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032371.D
Acq: 07 Oct 2025 10:08

Tgt Ion: 95 Resp: 168271
Ion Ratio Lower Upper
95 100
174 67.0 0.0 145.6
176 60.6 0.0 140.8

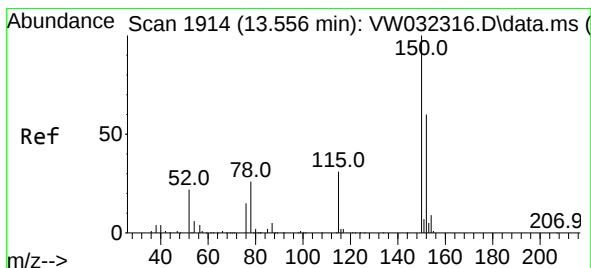
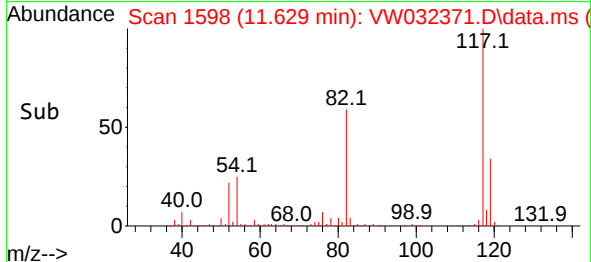
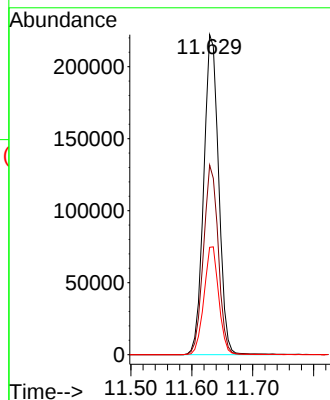
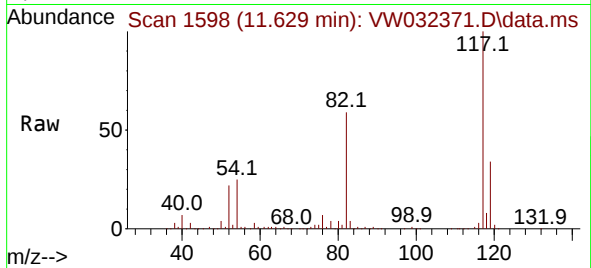




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032371.D
Acq: 07 Oct 2025 10:08

Instrument :
MSVOA_W
ClientSampleId :
VW1007SBL01

Tgt Ion:117 Resp: 378174
Ion Ratio Lower Upper
117 100
82 59.2 42.7 64.1
119 33.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.556 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VW032371.D
Acq: 07 Oct 2025 10:08

Tgt Ion:152 Resp: 179103
Ion Ratio Lower Upper
152 100
115 66.2 31.8 95.4
150 160.1 0.0 343.0

