

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032228.D
 Acq On : 22 Sep 2025 12:33
 Operator : SY/MD
 Sample : Q3157-01
 Misc : 5.45g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20-DEAD-1

Quant Time: Sep 23 06:06:28 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W082625S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 27 04:13:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.965	168	145332	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	298948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	293437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	133482	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	105795	50.901	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	101.800%
35) Dibromofluoromethane	7.904	113	90602	43.197	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	86.400%
50) Toluene-d8	10.331	98	313344	42.557	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	85.120%
62) 4-Bromofluorobenzene	12.617	95	103036	37.844	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	75.680%

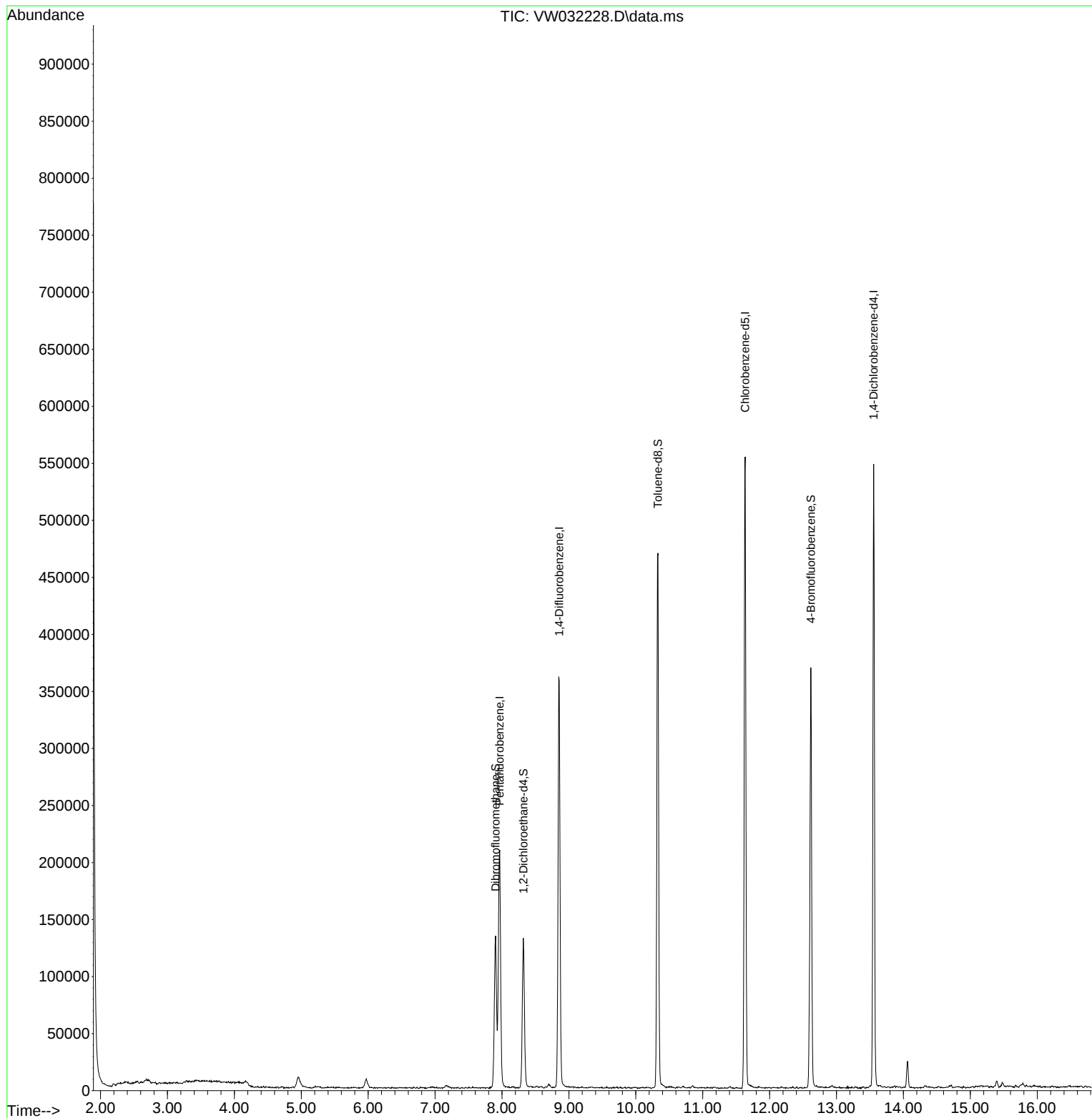
Target Compounds	Qvalue

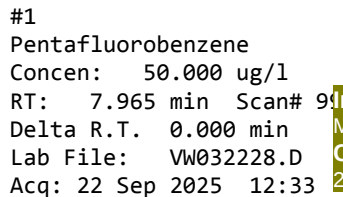
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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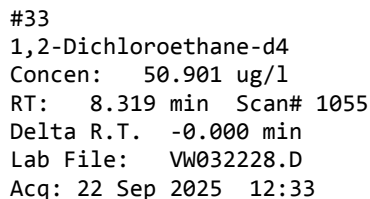
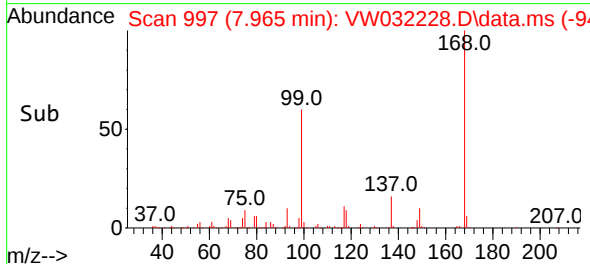
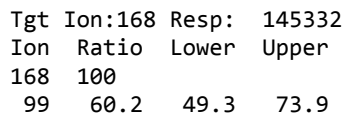
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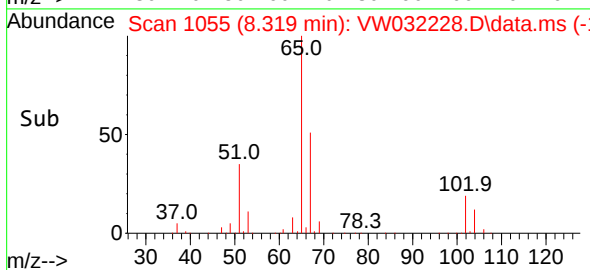
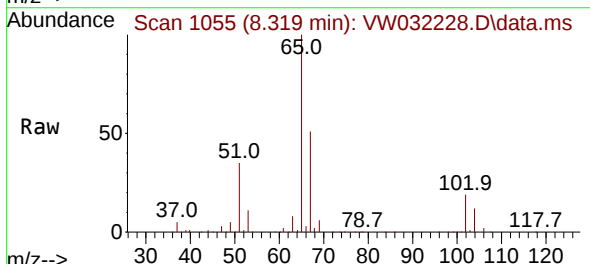


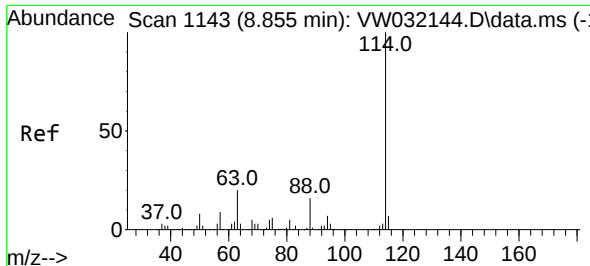


Instrument : MSVOA_W
ClientSampleId : 20-DEAD-1



Tgt	Ion: 65	Resp:	105795
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	99.6

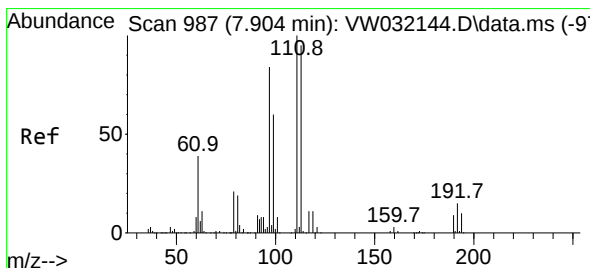
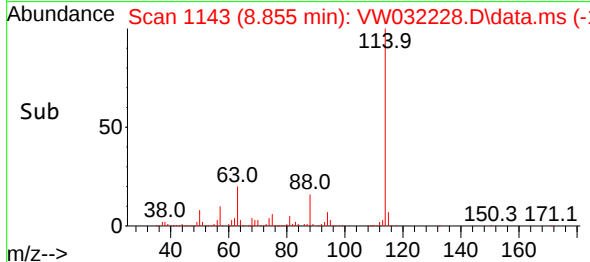
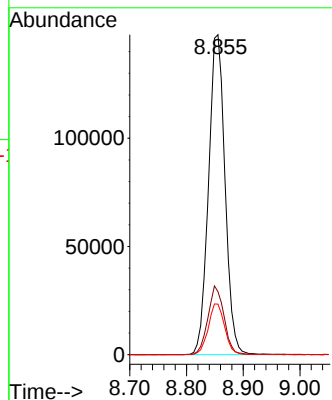
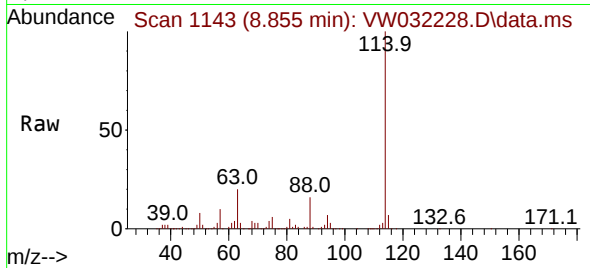




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

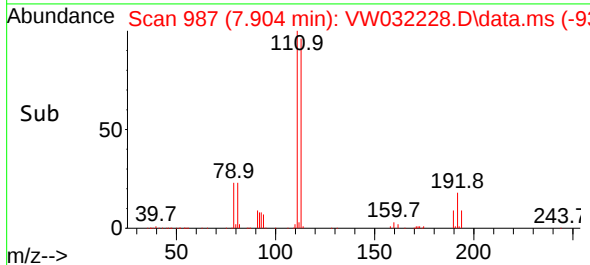
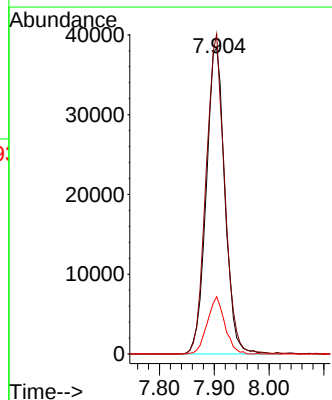
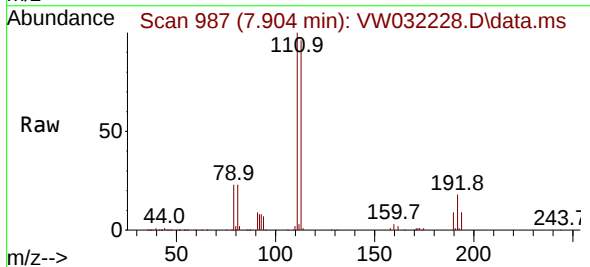
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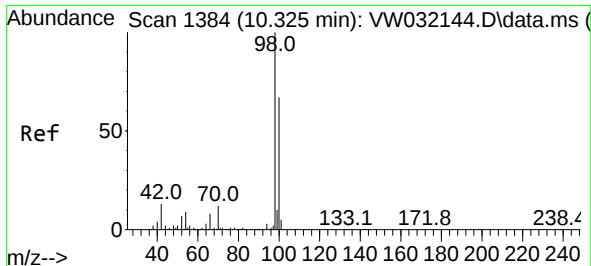
Tgt Ion:114 Resp: 298948
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.4
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 43.197 ug/l
RT: 7.904 min Scan# 987
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Tgt Ion:113 Resp: 90602
Ion Ratio Lower Upper
113 100
111 103.7 83.9 125.9
192 17.5 14.6 21.8

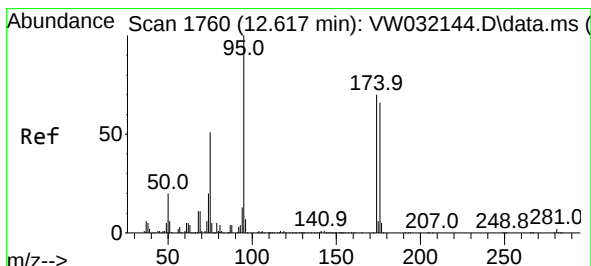
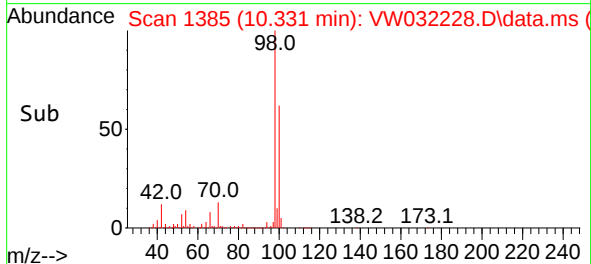
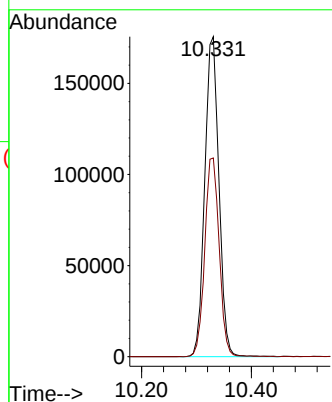
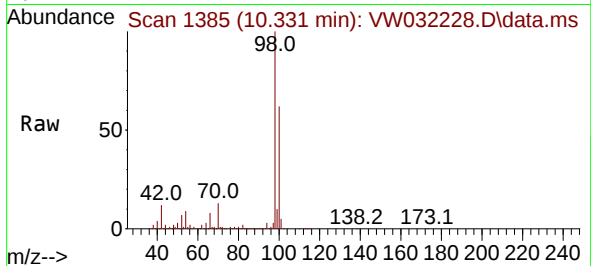




#50
Toluene-d8
Concen: 42.557 ug/l
RT: 10.331 min Scan# 1
Delta R.T. 0.006 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

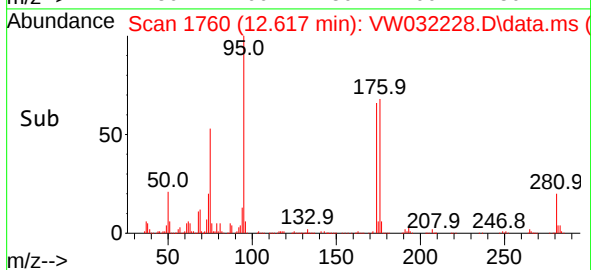
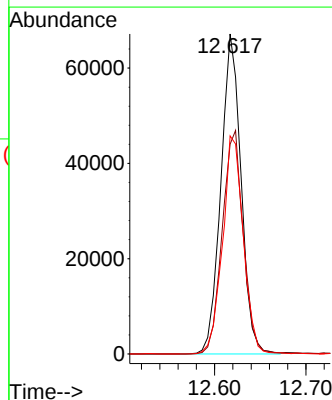
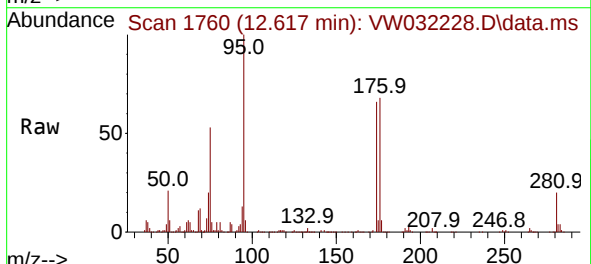
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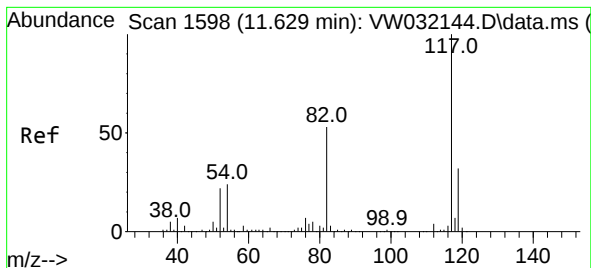
Tgt Ion: 98 Resp: 313344
Ion Ratio Lower Upper
98 100
100 63.4 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 37.844 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032228.D
Acq: 22 Sep 2025 12:33

Tgt Ion: 95 Resp: 103036
Ion Ratio Lower Upper
95 100
174 73.2 0.0 145.6
176 70.2 0.0 140.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW032228.D

Acq: 22 Sep 2025 12:33

Instrument :

MSVOA_W

ClientSampleId :

20-DEAD-1

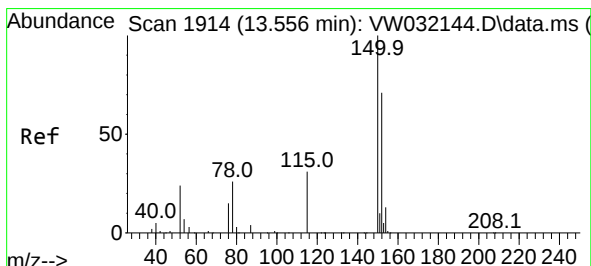
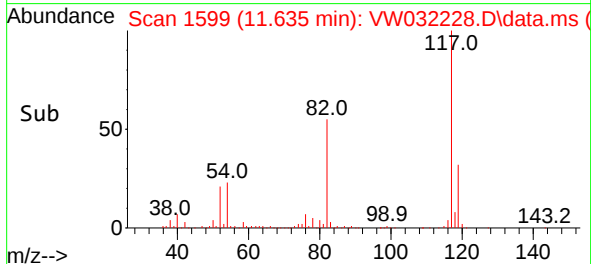
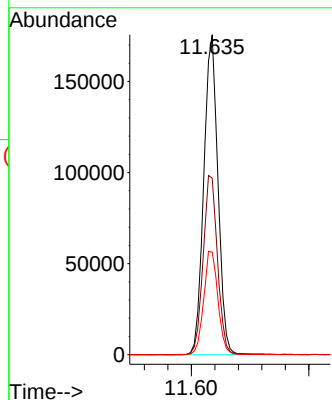
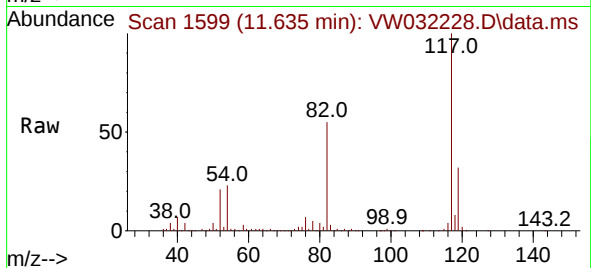
Tgt Ion:117 Resp: 293437

Ion Ratio Lower Upper

117 100

82 55.1 42.7 64.1

119 32.1 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: VW032228.D

Acq: 22 Sep 2025 12:33

Tgt Ion:152 Resp: 133482

Ion Ratio Lower Upper

152 100

115 62.3 31.8 95.4

150 154.7 0.0 343.0

