

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081125\
 Data File : VW032068.D
 Acq On : 11 Aug 2025 15:50
 Operator : SY/MD
 Sample : Q2823-01
 Misc : 5.27g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-081125

Quant Time: Aug 12 04:26:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

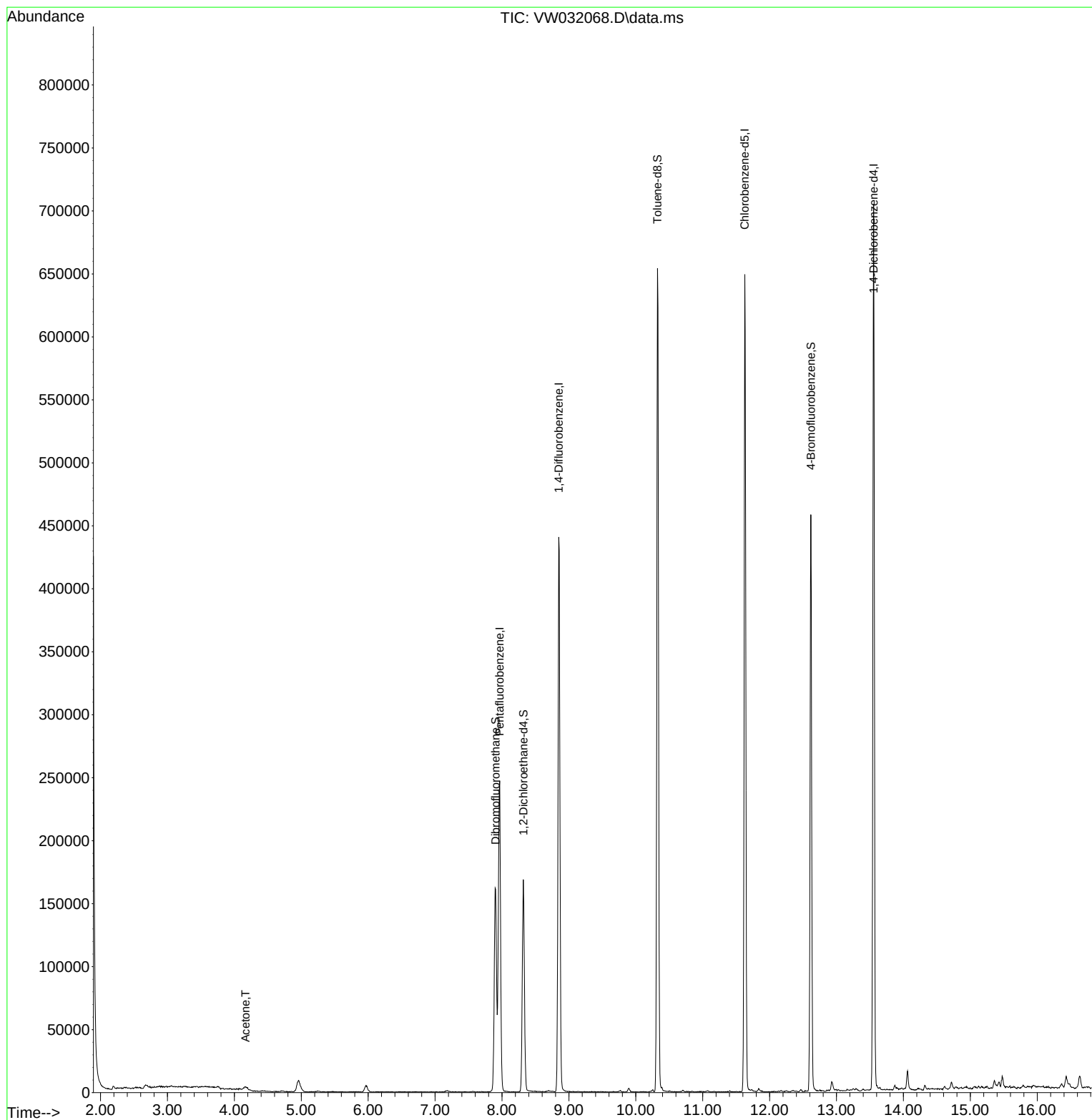
Internal Standards						
1) Pentafluorobenzene	7.965	168	167482	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	373082	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	349028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	174882	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	137601	56.807	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	113.620%	
35) Dibromofluoromethane	7.904	113	122427	50.794	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	101.580%	
50) Toluene-d8	10.325	98	444124	49.819	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	99.640%	
62) 4-Bromofluorobenzene	12.617	95	169518	51.600	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	103.200%	
Target Compounds						Qvalue
16) Acetone	4.167	43	3906	6.965	ug/l	95

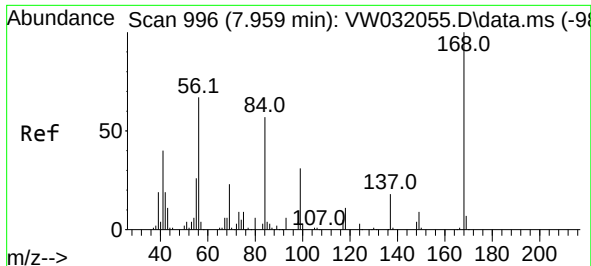
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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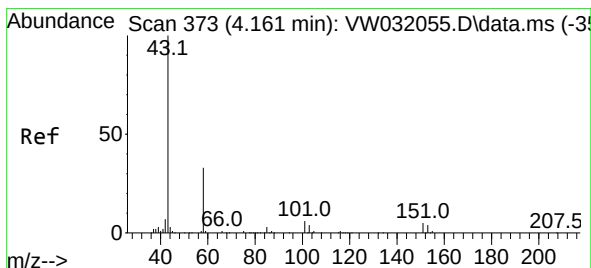
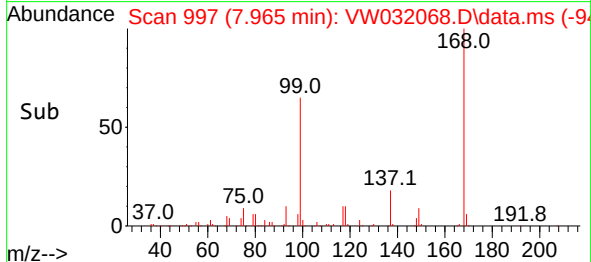
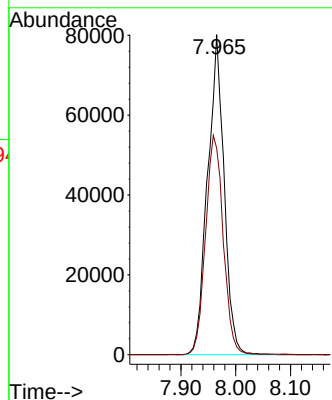
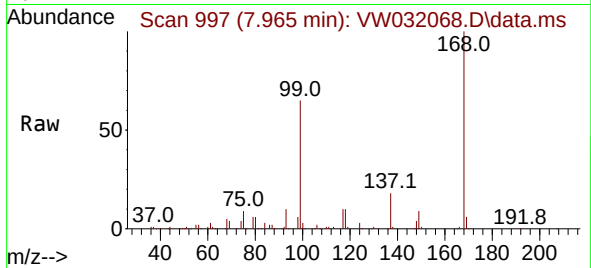




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.965 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

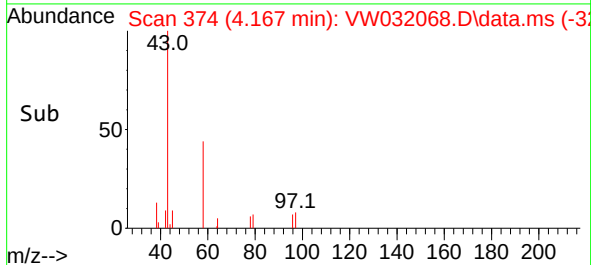
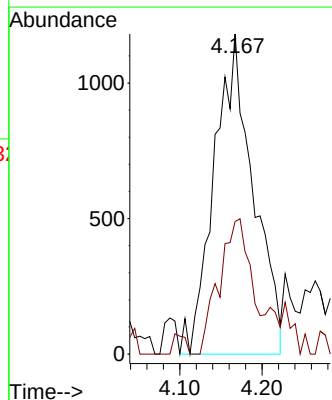
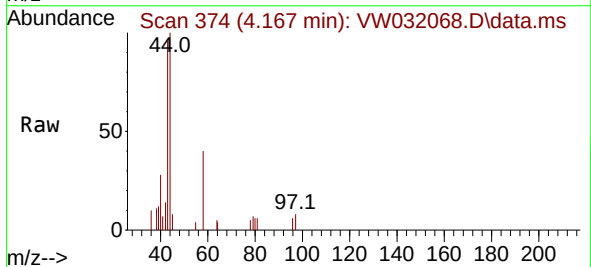
Instrument :
MSVOA_W
ClientSampleId :
SU-04-081125

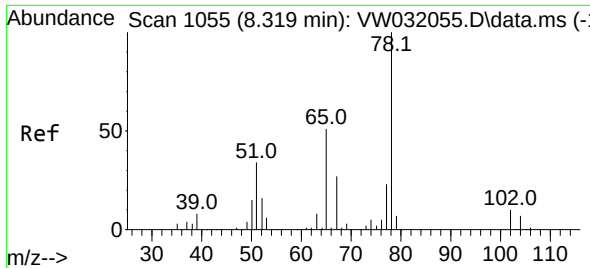
Tgt Ion:168 Resp: 167482
Ion Ratio Lower Upper
168 100
99 64.5 56.0 84.0



#16
Acetone
Concen: 6.965 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 43 Resp: 3906
Ion Ratio Lower Upper
43 100
58 35.8 26.6 39.8

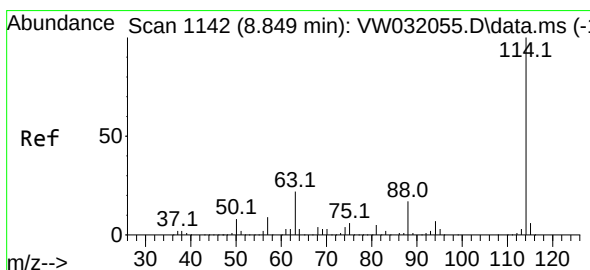
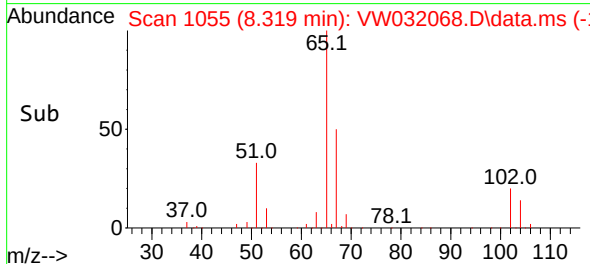
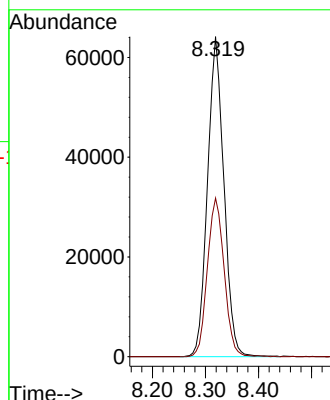
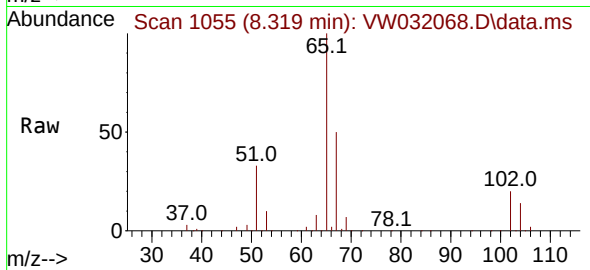




#33
 1,2-Dichloroethane-d4
 Concen: 56.807 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VW032068.D
 Acq: 11 Aug 2025 15:50

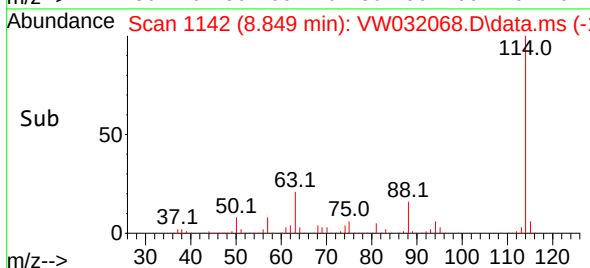
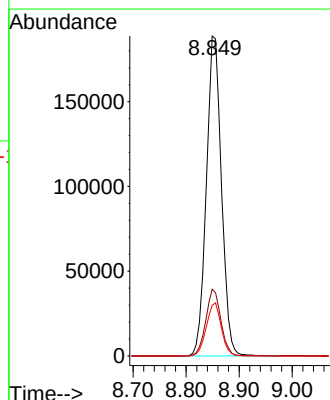
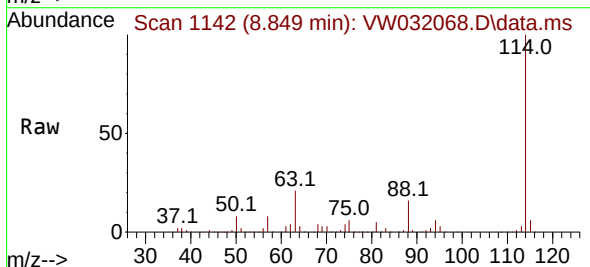
Instrument :
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 SU-04-081125

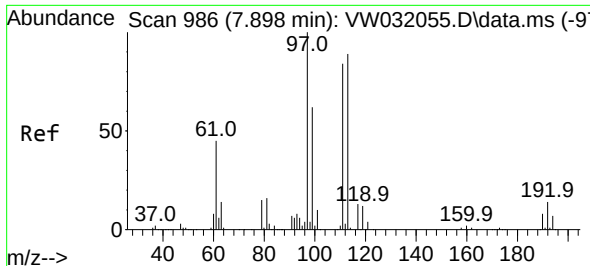
Tgt Ion: 65 Resp: 137601
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.000 min
 Lab File: VW032068.D
 Acq: 11 Aug 2025 15:50

Tgt Ion: 114 Resp: 373082
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.0
 88 15.9 0.0 33.8

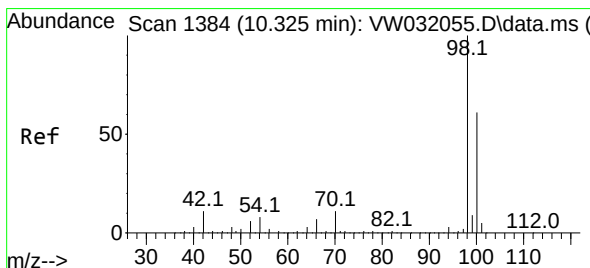
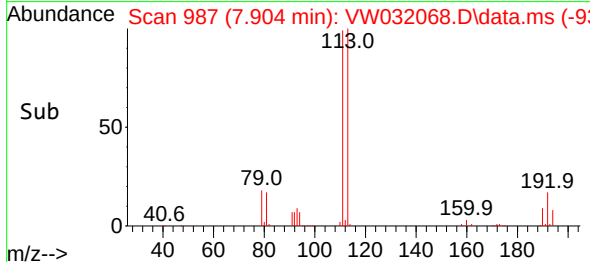
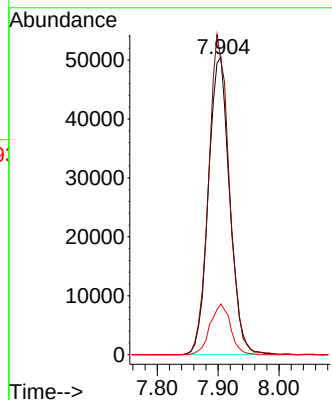
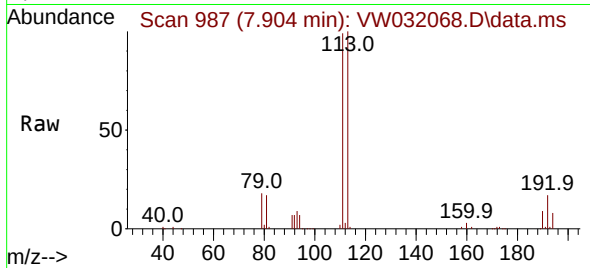




#35
Dibromofluoromethane
Concen: 50.794 ug/l
RT: 7.904 min Scan# 91
Delta R.T. 0.006 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

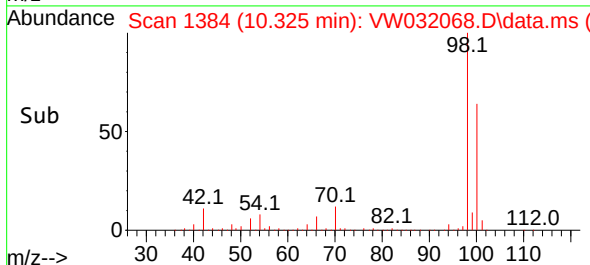
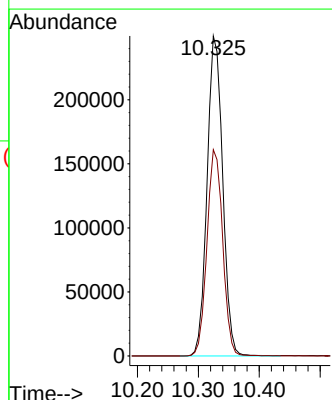
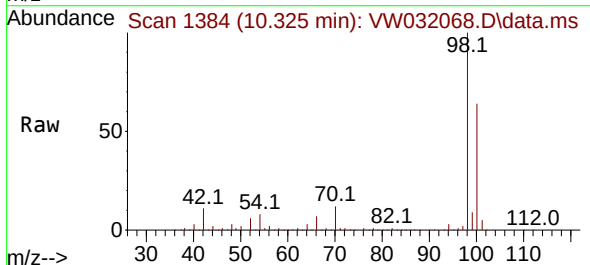
Instrument :
MSVOA_W
ClientSampleId :
SU-04-081125

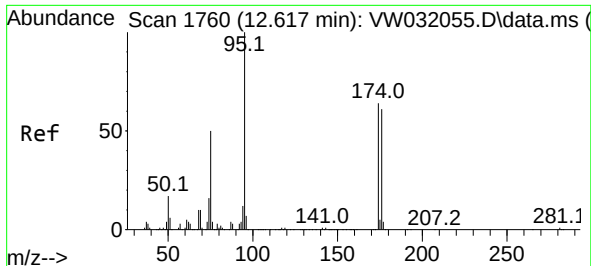
Tgt Ion:113 Resp: 122427
Ion Ratio Lower Upper
113 100
111 104.8 80.1 120.1
192 16.4 13.1 19.7



#50
Toluene-d8
Concen: 49.819 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 98 Resp: 444124
Ion Ratio Lower Upper
98 100
100 65.1 51.1 76.7

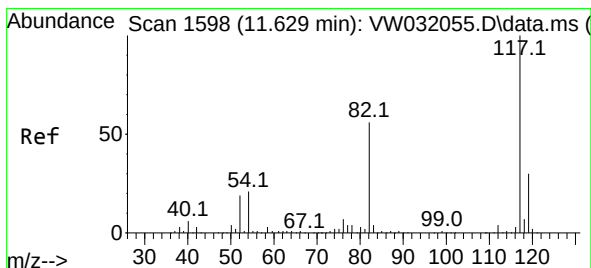
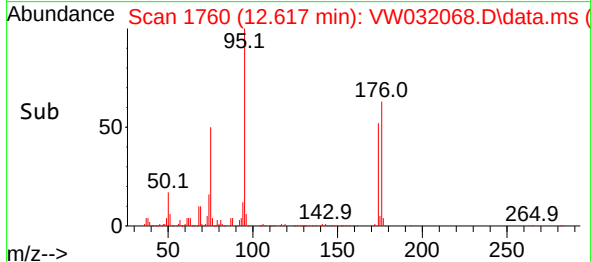
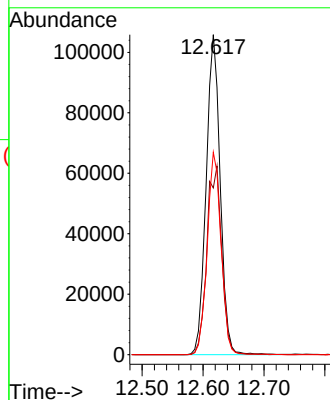
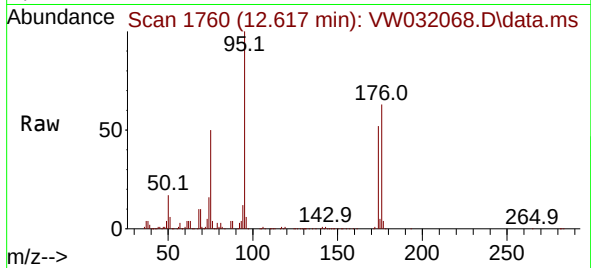




#62
4-Bromofluorobenzene
Concen: 51.600 ug/l
RT: 12.617 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

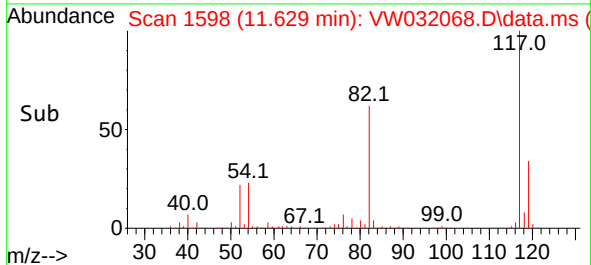
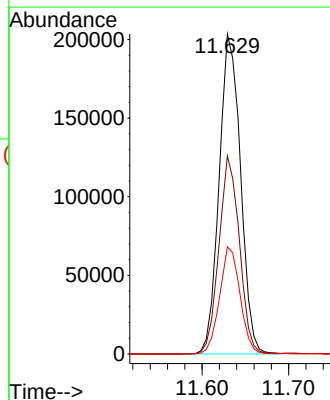
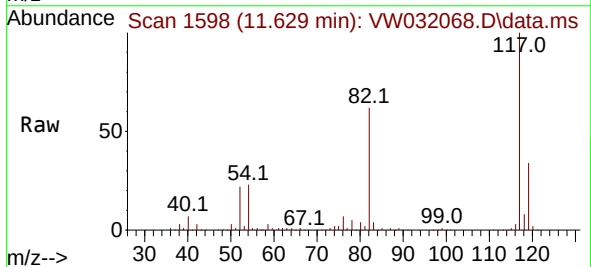
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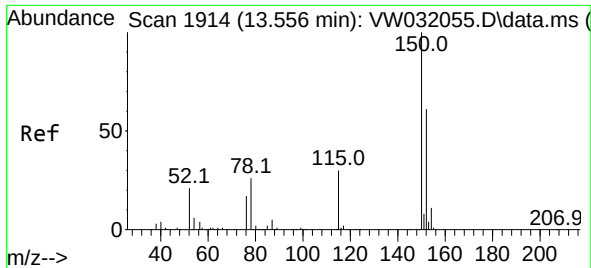
Tgt Ion: 95 Resp: 169518
Ion Ratio Lower Upper
95 100
174 62.7 0.0 129.0
176 62.6 0.0 124.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.000 min
Lab File: VW032068.D
Acq: 11 Aug 2025 15:50

Tgt Ion: 117 Resp: 349028
Ion Ratio Lower Upper
117 100
82 61.9 45.0 67.4
119 33.5 24.2 36.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032068.D
 Acq: 11 Aug 2025 15:50

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-081125

Tgt Ion:152 Resp: 174882
 Ion Ratio Lower Upper
 152 100
 115 64.6 32.6 97.8
 150 156.2 0.0 359.4

