

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092225\
 Data File : VW032231.D
 Acq On : 22 Sep 2025 15:49
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Sep 23 06:07:41 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)

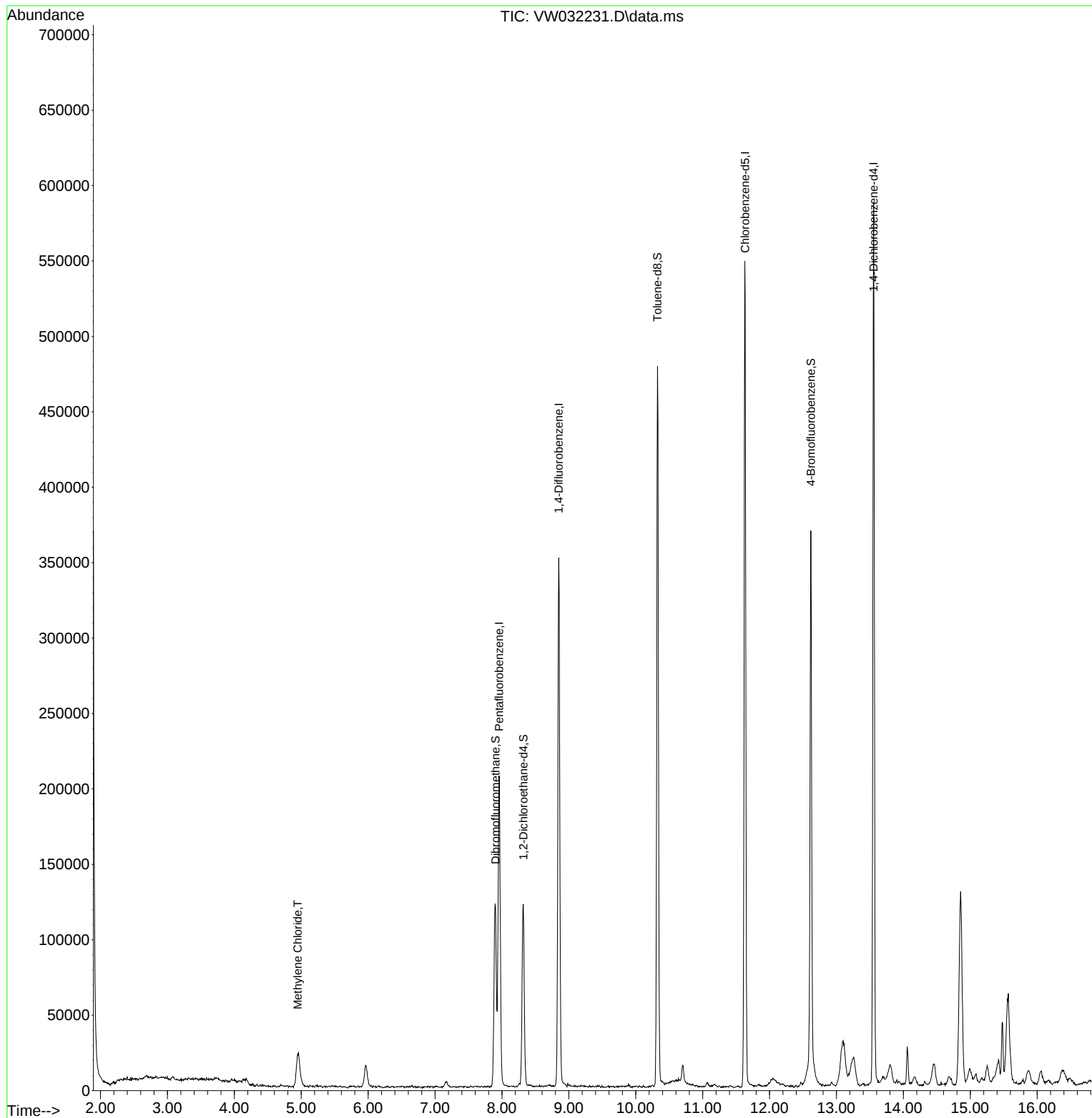
Internal Standards						
1) Pentafluorobenzene	7.959	168	136398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	290105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	288684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	141044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	101742	52.157	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	=	104.320%	
35) Dibromofluoromethane	7.904	113	86917	42.704	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	=	85.400%	
50) Toluene-d8	10.325	98	306253	42.862	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	=	85.720%	
62) 4-Bromofluorobenzene	12.617	95	108107	40.917	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	=	81.840%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.948	84	20838	8.739	ug/l	94

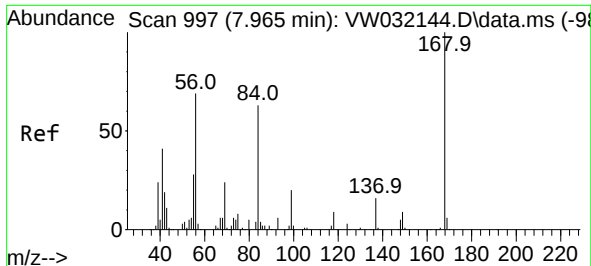
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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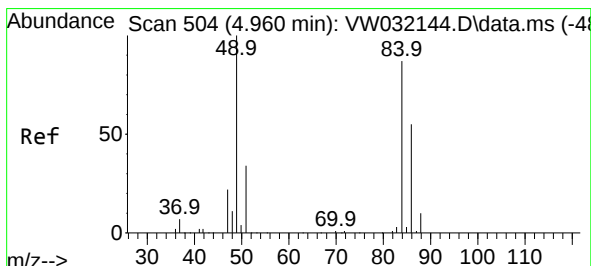
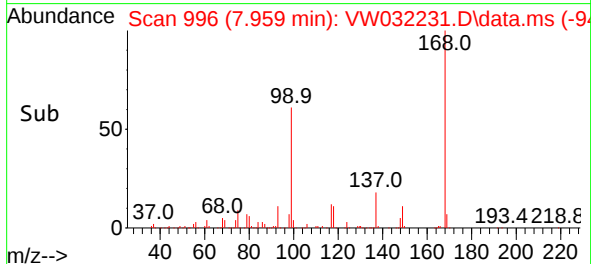
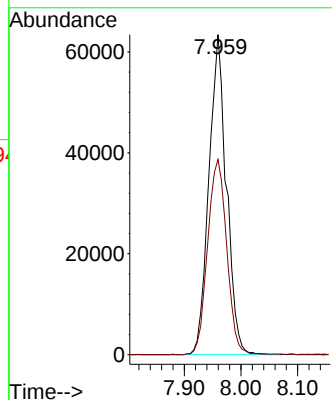
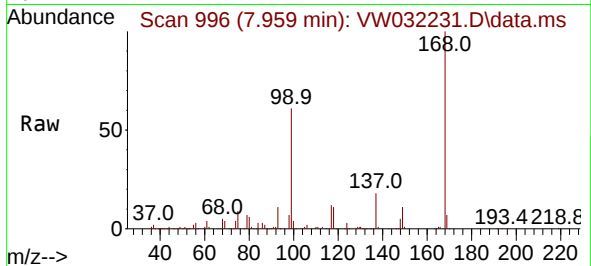




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032231.D
Acq: 22 Sep 2025 15:49

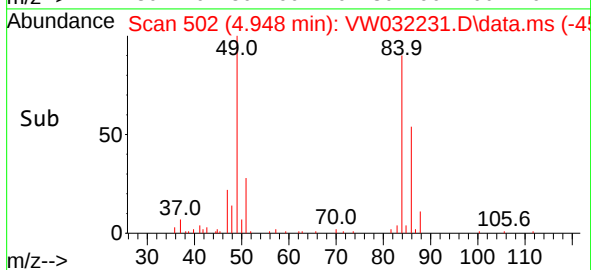
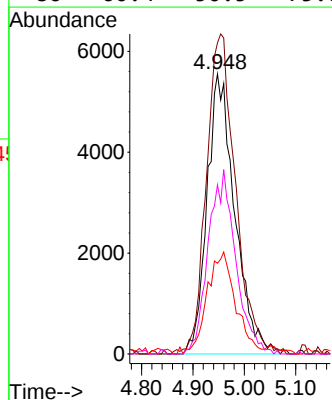
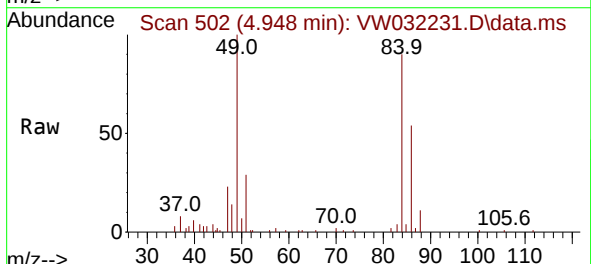
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

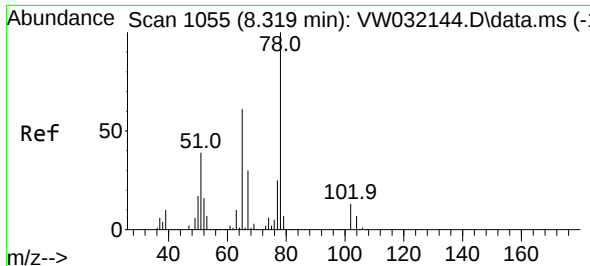
Tgt Ion:168 Resp: 136398
Ion Ratio Lower Upper
168 100
99 61.0 49.3 73.9



#20
Methylene Chloride
Concen: 8.739 ug/l
RT: 4.948 min Scan# 502
Delta R.T. -0.012 min
Lab File: VW032231.D
Acq: 22 Sep 2025 15:49

Tgt Ion: 84 Resp: 20838
Ion Ratio Lower Upper
84 100
49 110.1 92.2 138.4
51 31.1 31.0 46.6
86 60.4 50.5 75.7

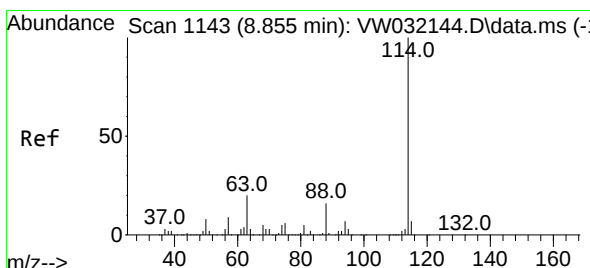
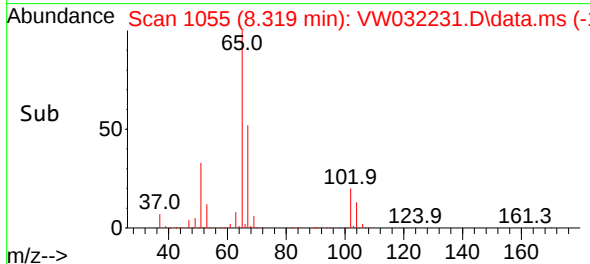
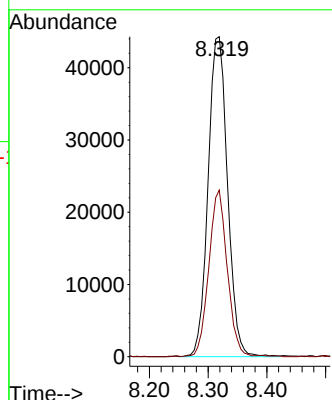
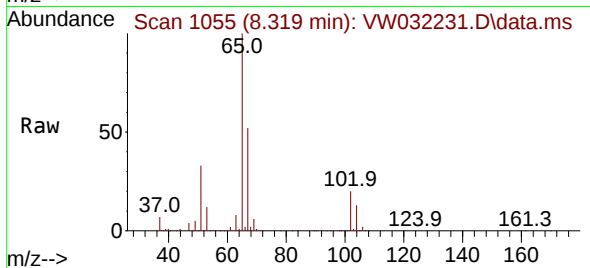




#33
 1,2-Dichloroethane-d4
 Concen: 52.157 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW032231.D
 Acq: 22 Sep 2025 15:49

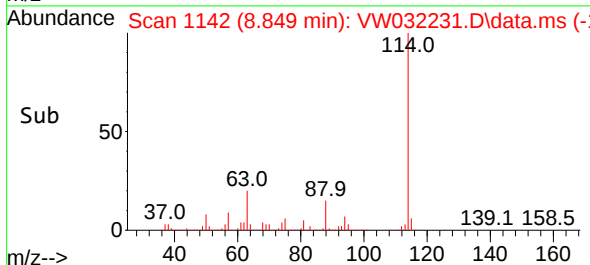
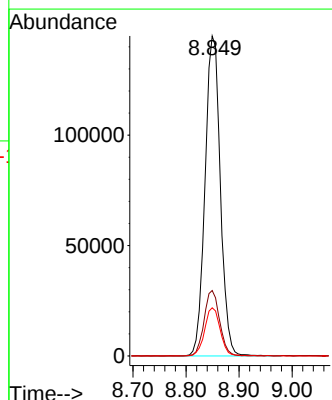
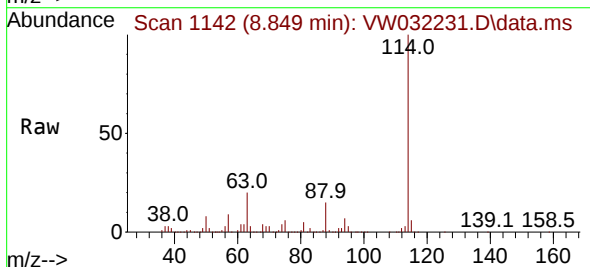
Instrument :
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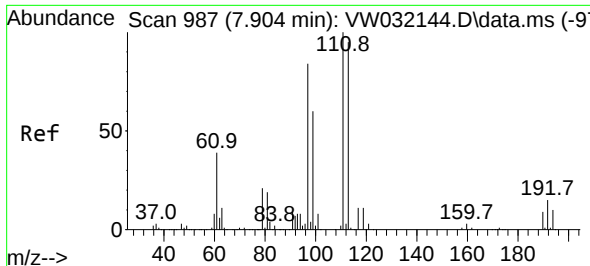
Tgt Ion: 65 Resp: 101742
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. -0.006 min
 Lab File: VW032231.D
 Acq: 22 Sep 2025 15:49

Tgt Ion: 114 Resp: 290105
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.4
 88 15.0 0.0 32.0

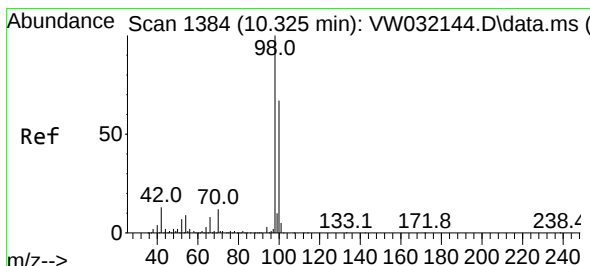
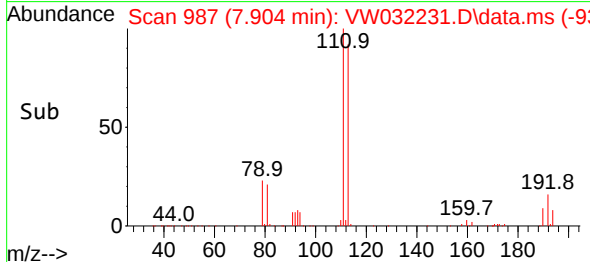
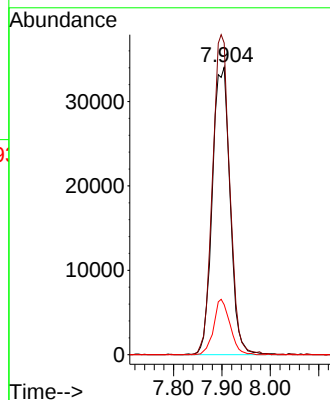
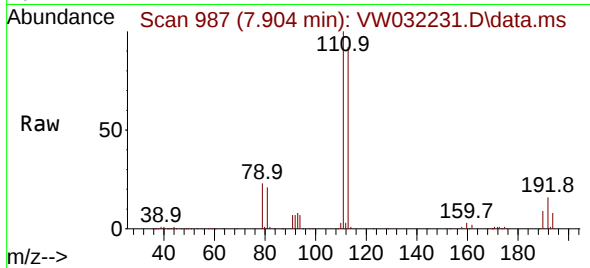




#35
Dibromofluoromethane
Concen: 42.704 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.000 min
Lab File: VW032231.D
Acq: 22 Sep 2025 15:49

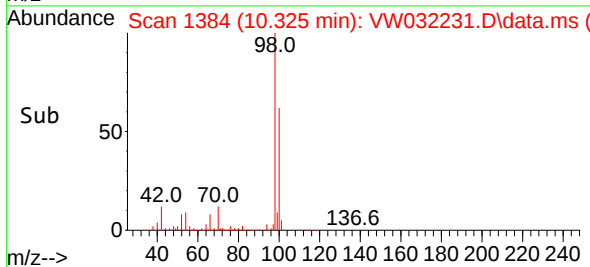
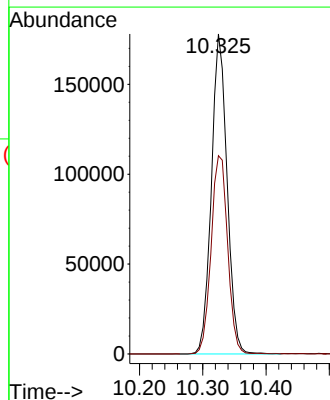
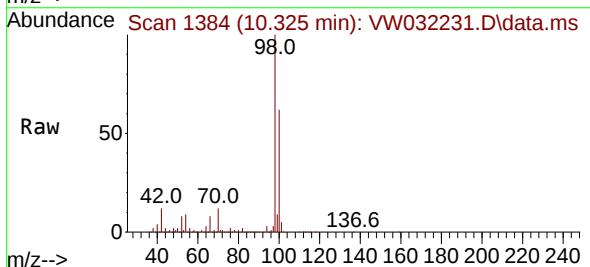
Instrument :
MSVOA_W
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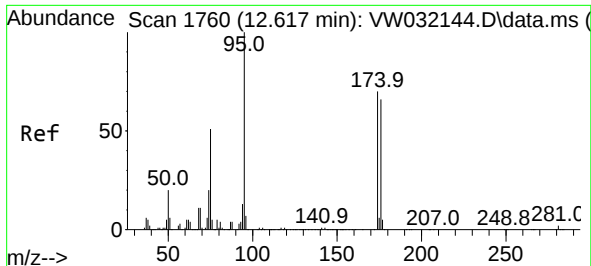
Tgt Ion:113 Resp: 86917
Ion Ratio Lower Upper
113 100
111 107.7 83.9 125.9
192 17.7 14.6 21.8



#50
Toluene-d8
Concen: 42.862 ug/l
RT: 10.325 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VW032231.D
Acq: 22 Sep 2025 15:49

Tgt Ion: 98 Resp: 306253
Ion Ratio Lower Upper
98 100
100 65.3 51.4 77.2

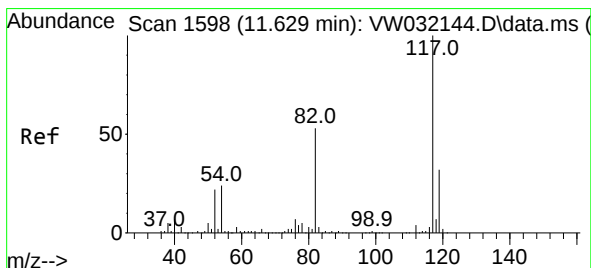
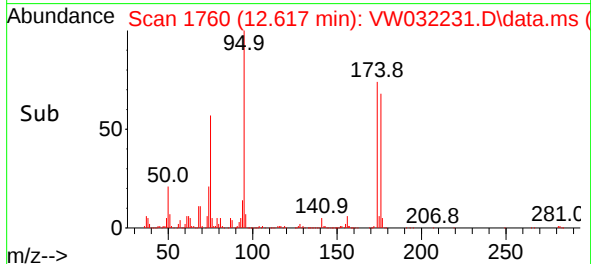
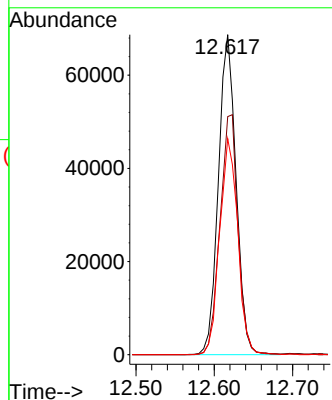
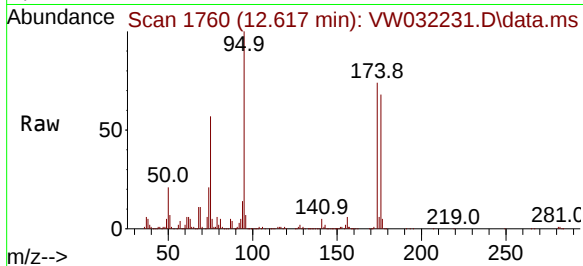




#62
4-Bromofluorobenzene
Concen: 40.917 ug/l
RT: 12.617 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW032231.D
Acq: 22 Sep 2025 15:49

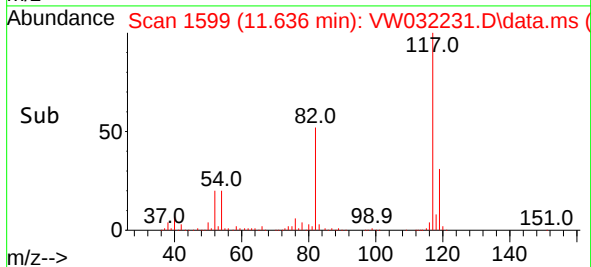
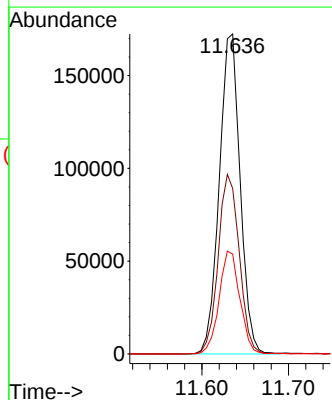
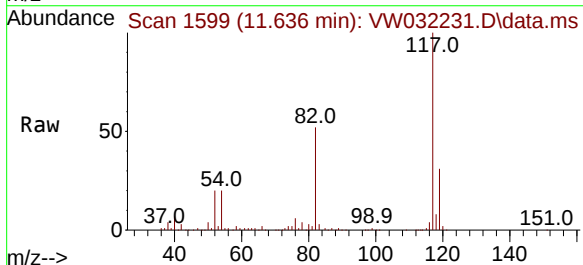
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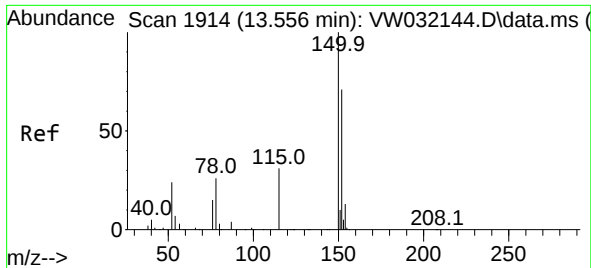
Tgt Ion: 95 Resp: 108107
Ion Ratio Lower Upper
95 100
174 76.7 0.0 145.6
176 69.1 0.0 140.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.636 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW032231.D
Acq: 22 Sep 2025 15:49

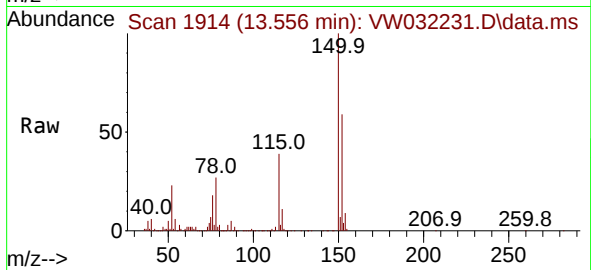
Tgt Ion: 117 Resp: 288684
Ion Ratio Lower Upper
117 100
82 51.7 42.7 64.1
119 31.2 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW032231.D
 Acq: 22 Sep 2025 15:49

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK



Tgt Ion:	152	Resp:	141044
Ion	Ratio	Lower	Upper
152	100		
115	61.5	31.8	95.4
150	161.6	0.0	343.0

