

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071125\
 Data File : VW031833.D
 Acq On : 11 Jul 2025 20:12
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jul 11 22:54:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W063025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:35:17 2025
 Response via : Initial Calibration

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

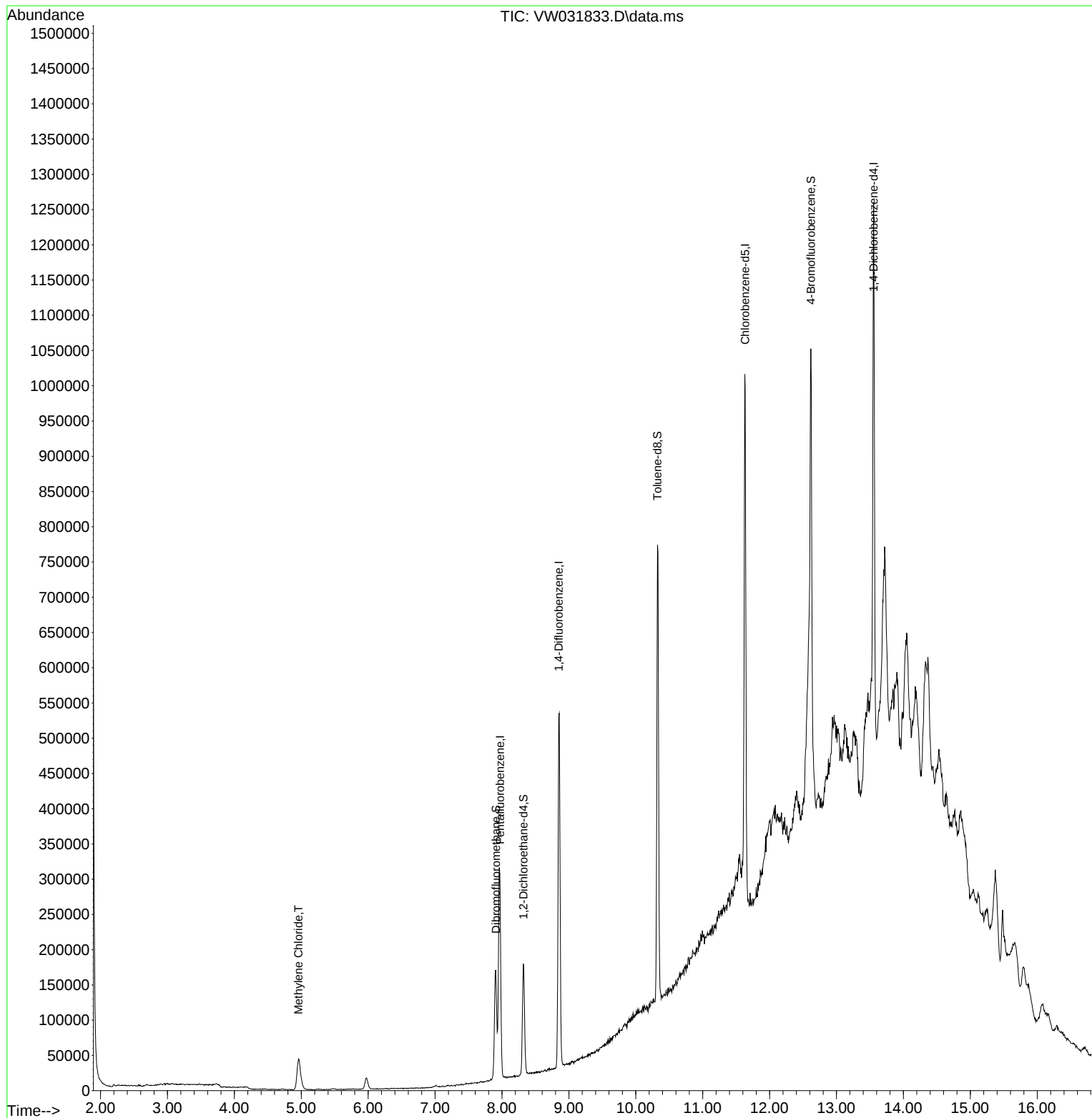
Internal Standards						
1) Pentafluorobenzene	7.971	168	210117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.849	114	435411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	387375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	181301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	130943	43.425	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	86.840%
35) Dibromofluoromethane	7.911	113	114526	40.308	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	80.620%
50) Toluene-d8	10.325	98	443264	41.923	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	83.840%
62) 4-Bromofluorobenzene	12.617	95	249097	64.018	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	128.040%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.960	84	41861	10.419	ug/l	95

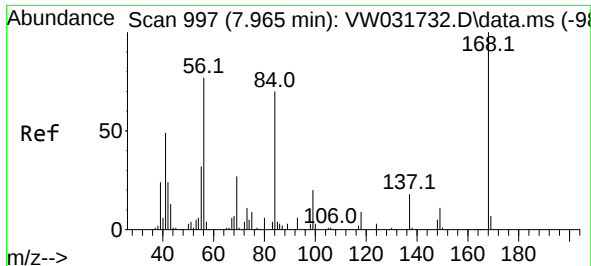
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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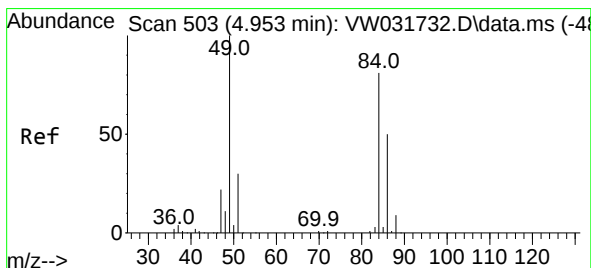
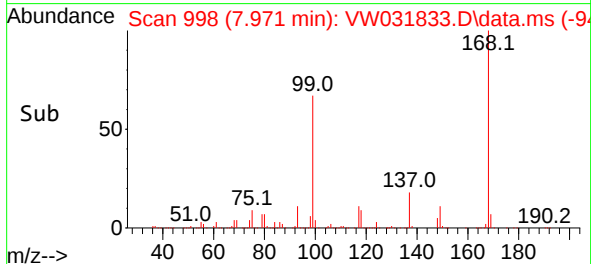
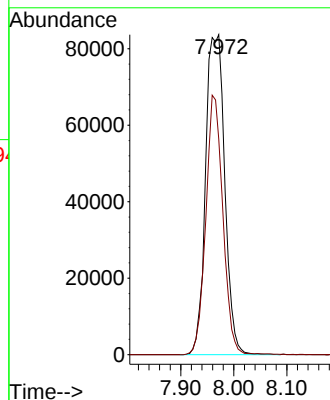
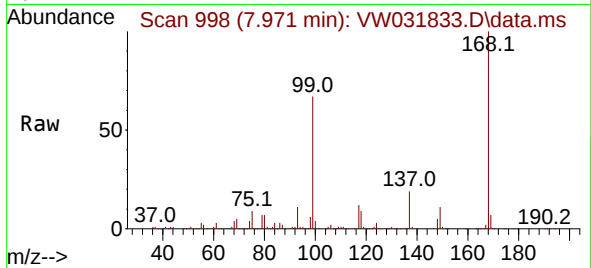




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.971 min Scan# 997
Delta R.T. 0.006 min
Lab File: VW031833.D
Acq: 11 Jul 2025 20:12

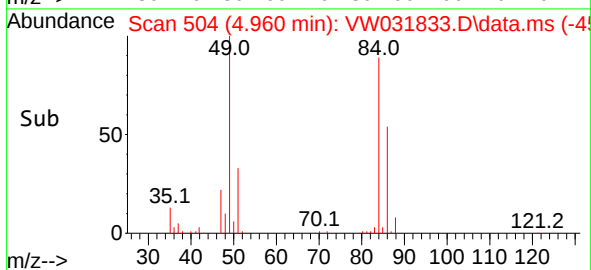
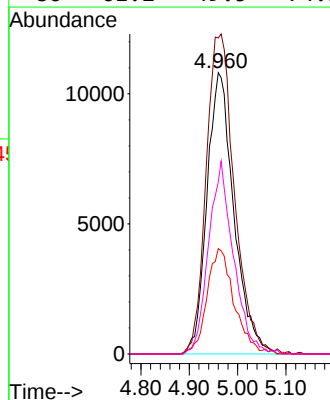
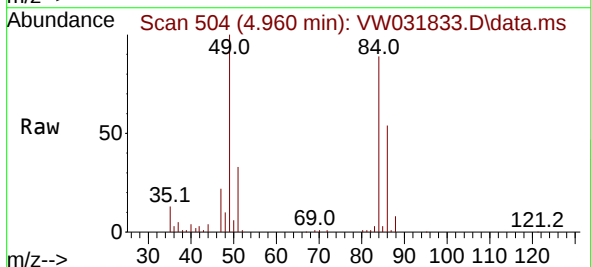
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

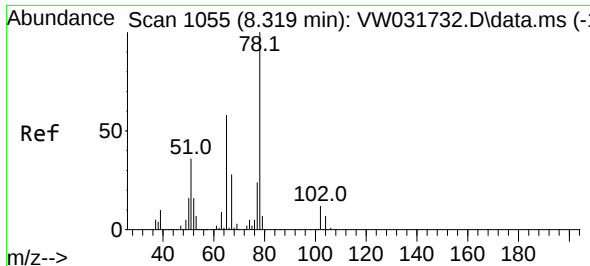
Tgt Ion:168 Resp: 210117
Ion Ratio Lower Upper
168 100
99 67.4 49.4 74.2



#20
Methylene Chloride
Concen: 10.419 ug/l
RT: 4.960 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW031833.D
Acq: 11 Jul 2025 20:12

Tgt Ion: 84 Resp: 41861
Ion Ratio Lower Upper
84 100
49 112.3 98.2 147.4
51 37.4 29.8 44.8
86 61.2 49.5 74.3

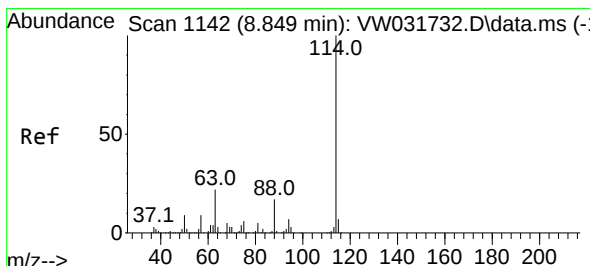
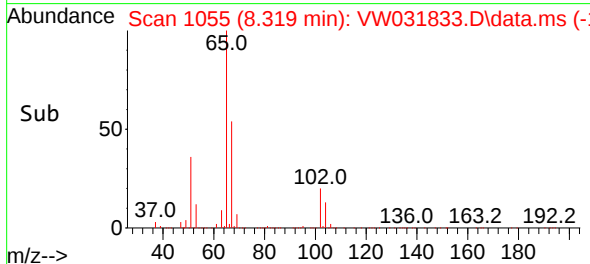
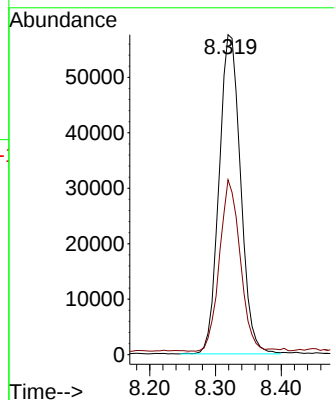
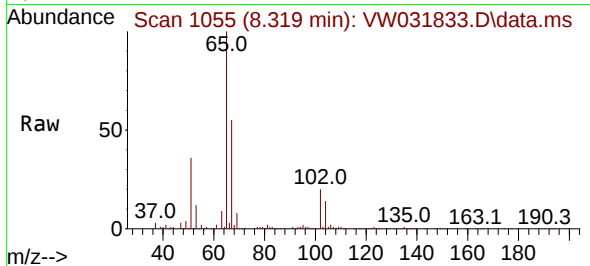




#33
 1,2-Dichloroethane-d4
 Concen: 43.425 ug/l
 RT: 8.319 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VW031833.D
 Acq: 11 Jul 2025 20:12

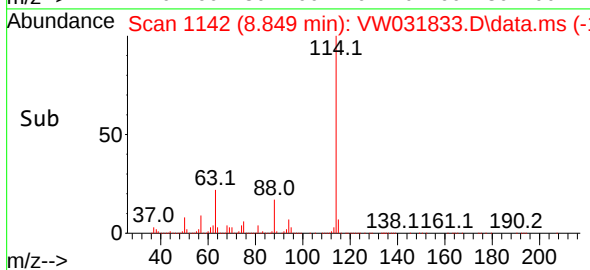
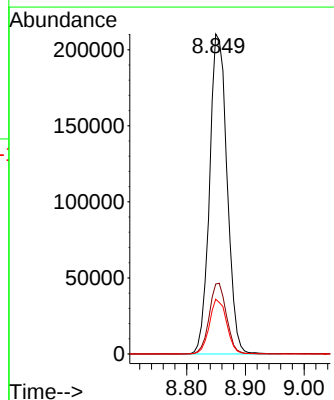
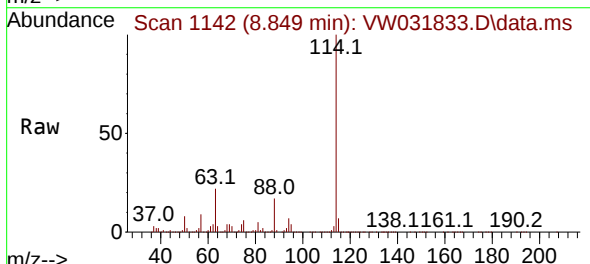
Instrument :
 MSVOA_W
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 VIBLK

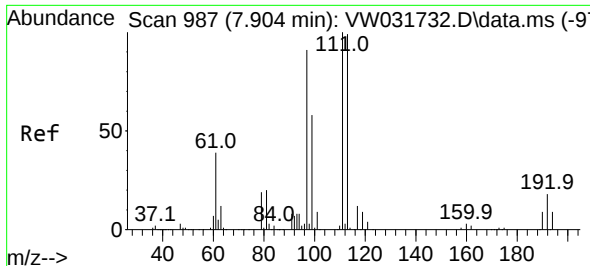
Tgt Ion: 65 Resp: 130943
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.849 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VW031833.D
 Acq: 11 Jul 2025 20:12

Tgt Ion: 114 Resp: 435411
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.6
 88 17.1 0.0 34.2

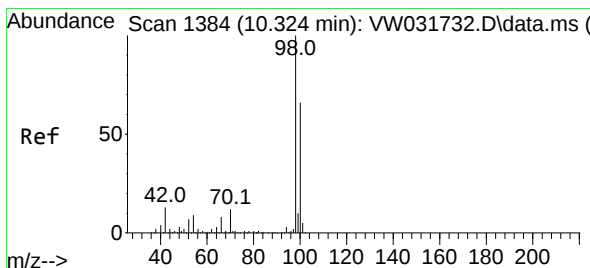
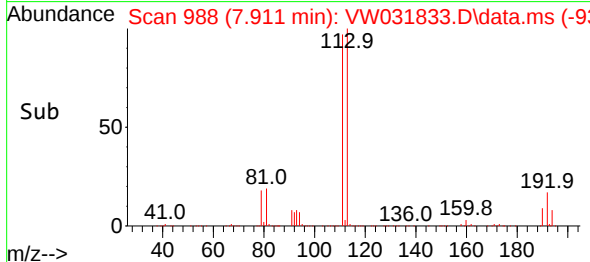
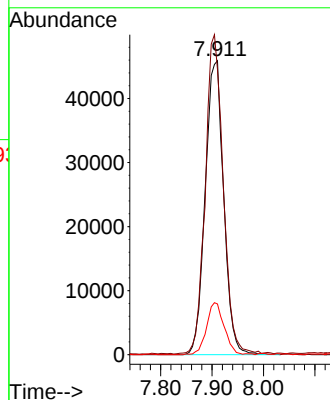
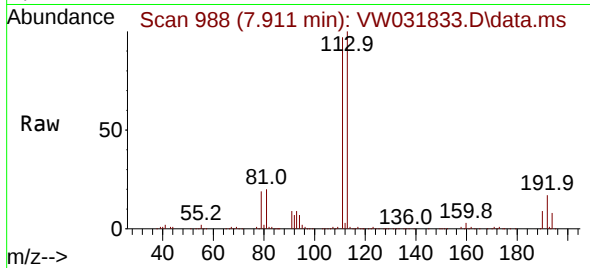




#35
 Dibromofluoromethane
 Concen: 40.308 ug/l
 RT: 7.911 min Scan# 987
 Delta R.T. 0.006 min
 Lab File: VW031833.D
 Acq: 11 Jul 2025 20:12

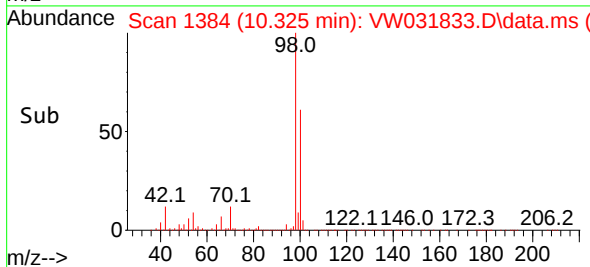
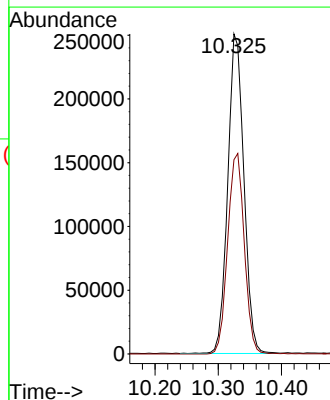
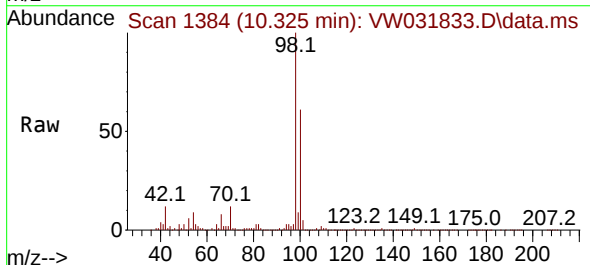
Instrument :
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 ClientSampleId :
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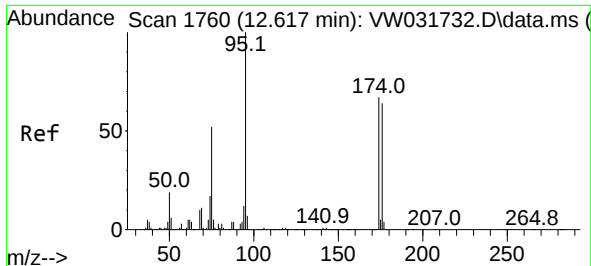
Tgt Ion:113 Resp: 114526
 Ion Ratio Lower Upper
 113 100
 111 105.4 82.1 123.1
 192 16.8 13.8 20.6



#50
 Toluene-d8
 Concen: 41.923 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. 0.000 min
 Lab File: VW031833.D
 Acq: 11 Jul 2025 20:12

Tgt Ion: 98 Resp: 443264
 Ion Ratio Lower Upper
 98 100
 100 64.5 53.0 79.4

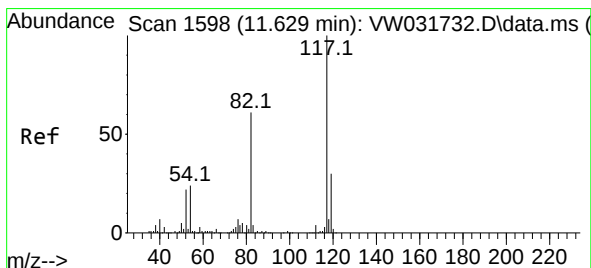
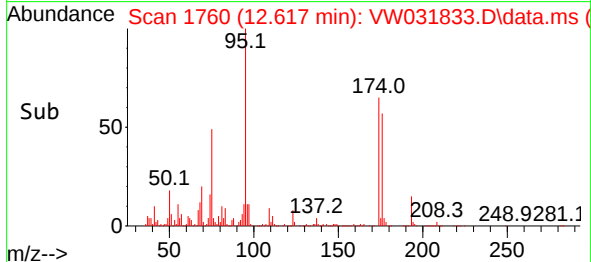
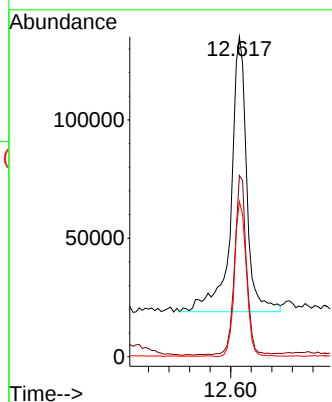
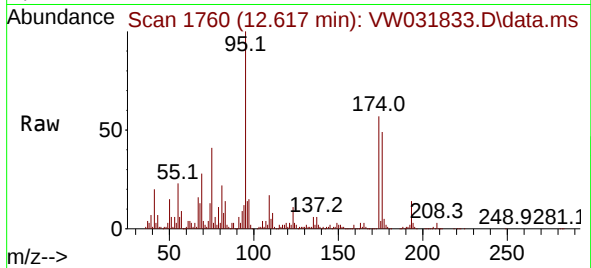




#62
4-Bromofluorobenzene
Concen: 64.018 ug/l
RT: 12.617 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031833.D
Acq: 11 Jul 2025 20:12

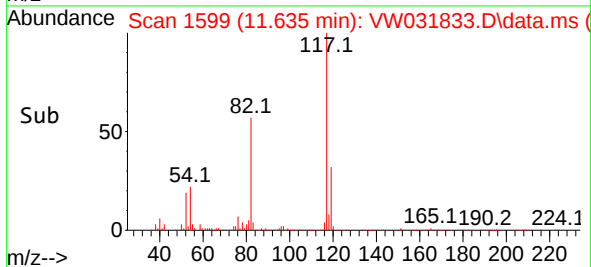
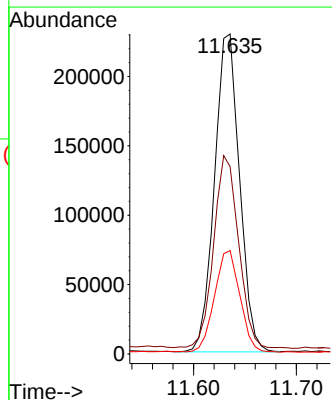
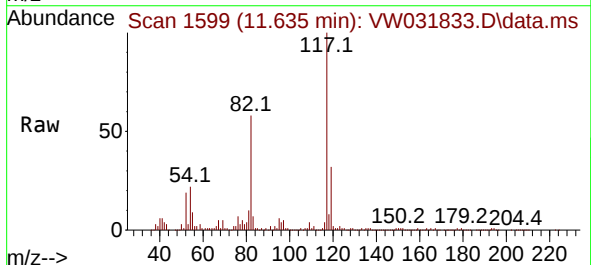
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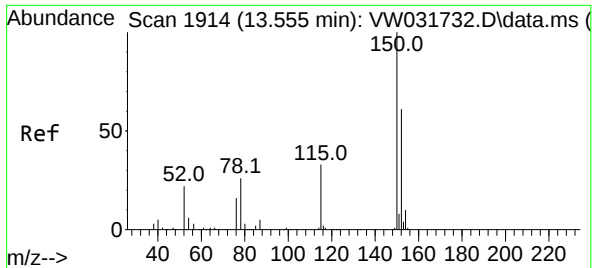
Tgt Ion: 95 Resp: 249097
Ion Ratio Lower Upper
95 100
174 48.2 0.0 133.8
176 43.1 0.0 126.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.635 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VW031833.D
Acq: 11 Jul 2025 20:12

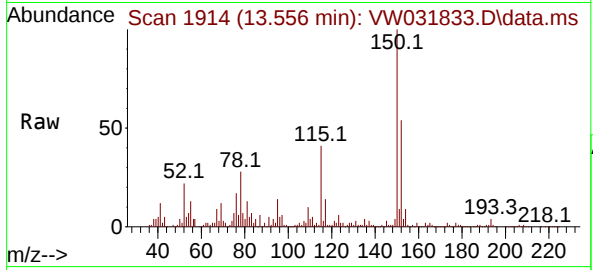
Tgt Ion:117 Resp: 387375
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 32.0 23.9 35.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: VW031833.D
 Acq: 11 Jul 2025 20:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK



Tgt Ion:	152	Resp:	181301
Ion Ratio	Lower	Upper	
152	100		
115	67.9	31.9	95.7
150	161.2	0.0	356.4

