

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063025\
 Data File : VW031735.D
 Acq On : 30 Jun 2025 14:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK

Quant Time: Jul 01 03:38:10 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)

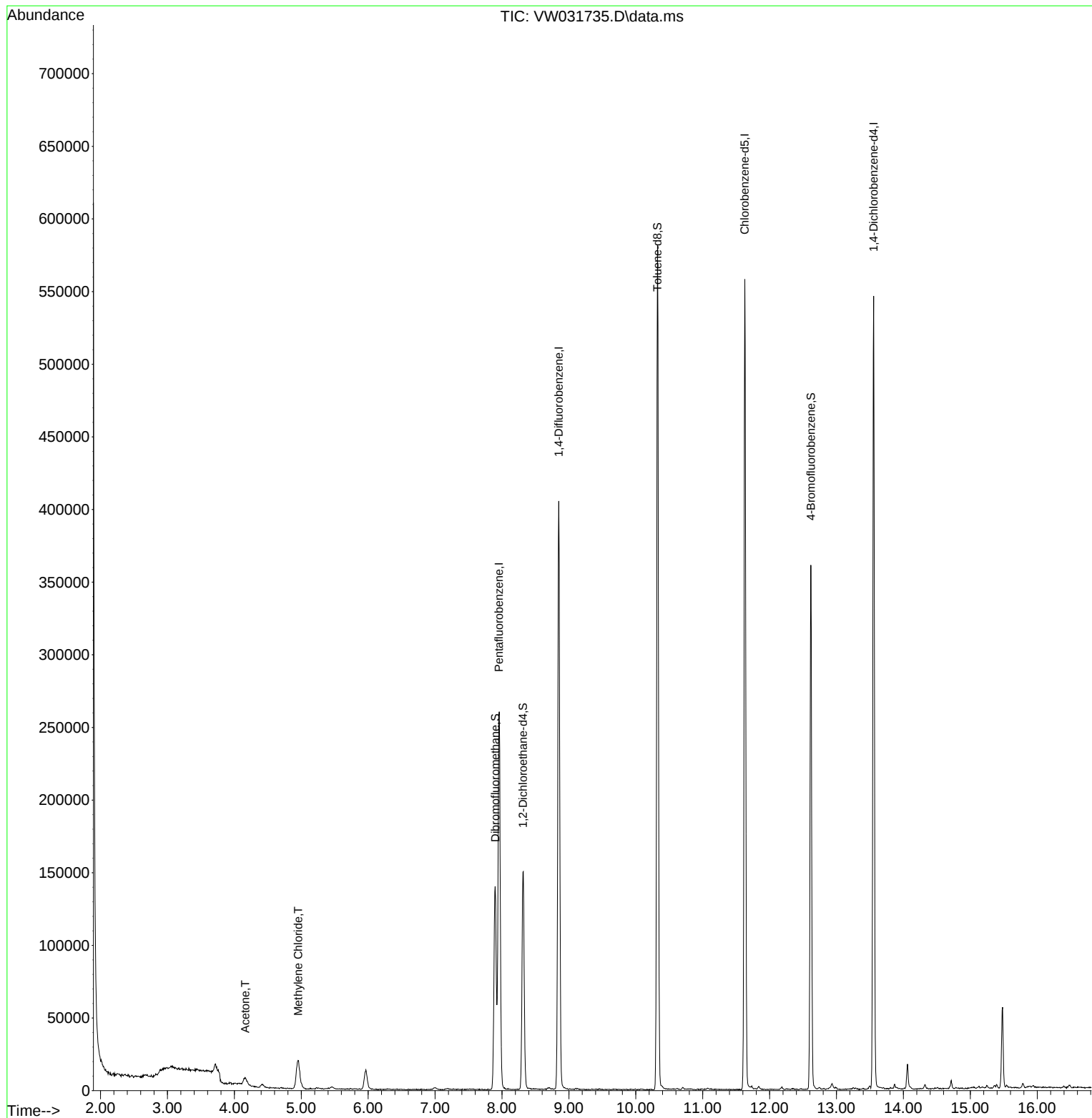
Internal Standards						
1) Pentafluorobenzene	7.953	168	184208	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.849	114	340981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	294315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	137715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.313	65	128306	48.535	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	97.060%
35) Dibromofluoromethane	7.898	113	104056	46.766	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	93.540%
50) Toluene-d8	10.325	98	384066	46.383	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	92.760%
62) 4-Bromofluorobenzene	12.617	95	126215	41.421	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	82.840%
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	10039	15.364	ug/l	94
20) Methylene Chloride	4.954	84	17843	2.672	ug/l	95

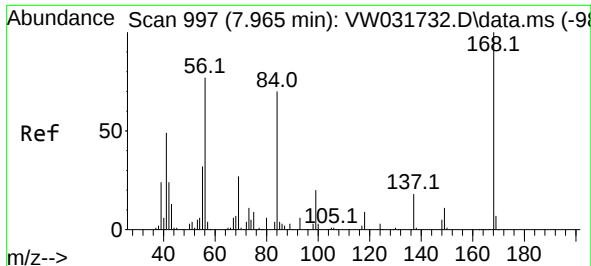
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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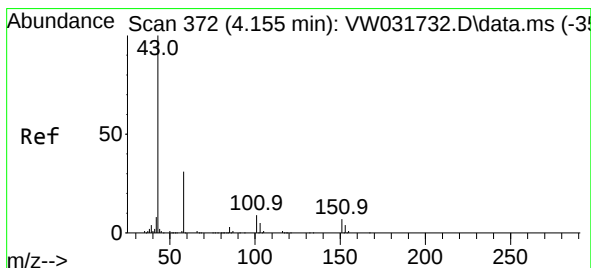
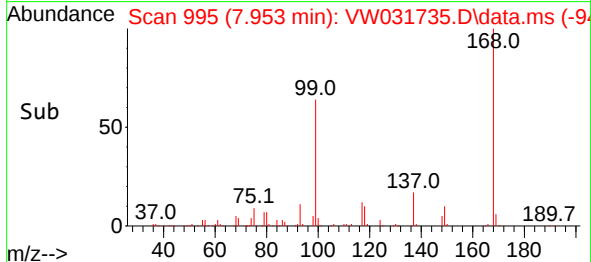
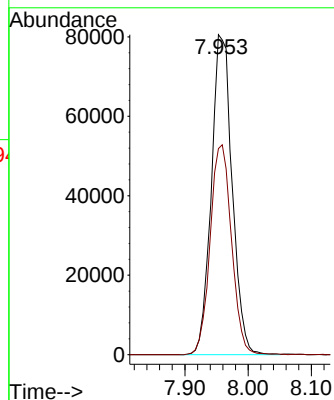
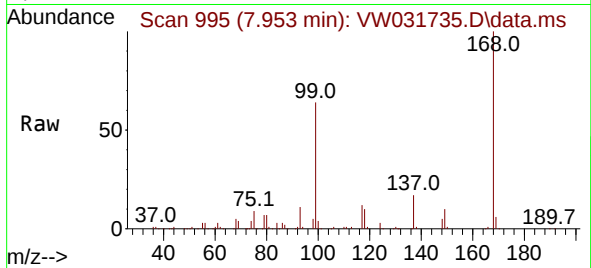




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.953 min Scan# 995
Delta R.T. -0.012 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

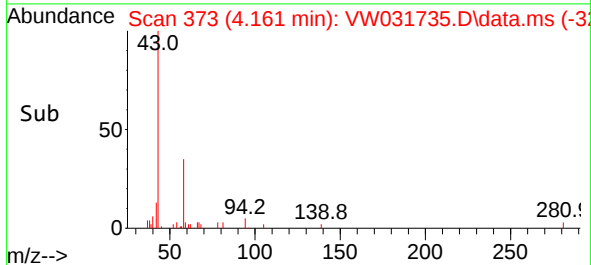
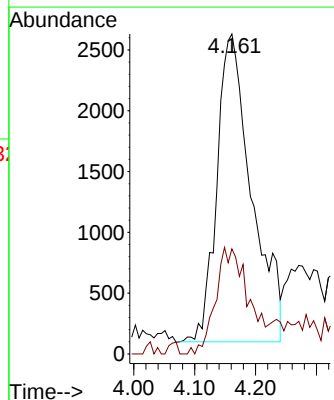
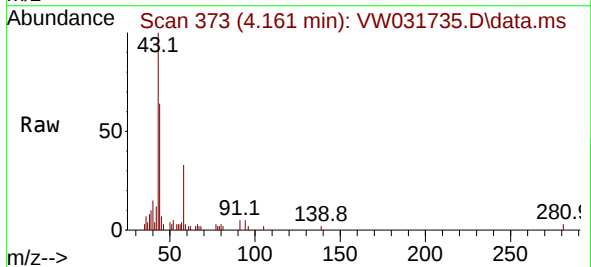
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

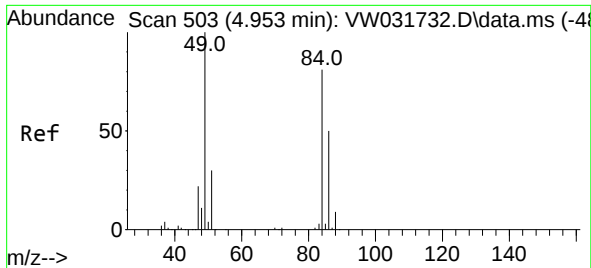
Tgt Ion:168 Resp: 184208
Ion Ratio Lower Upper
168 100
99 64.4 49.4 74.2



#16
Acetone
Concen: 15.364 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

Tgt Ion: 43 Resp: 10039
Ion Ratio Lower Upper
43 100
58 34.1 24.8 37.2

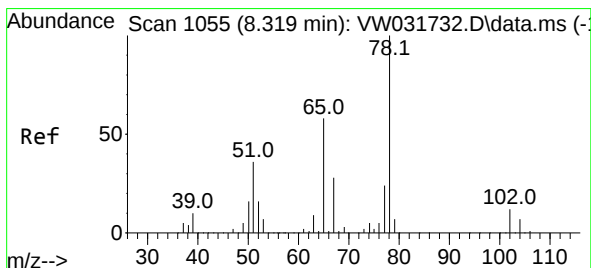
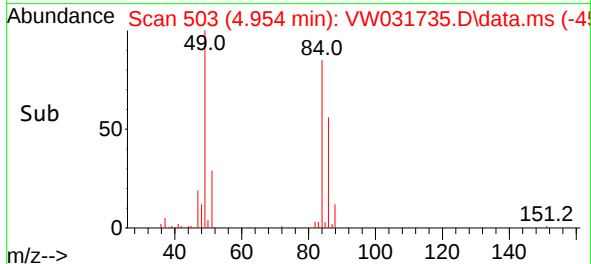
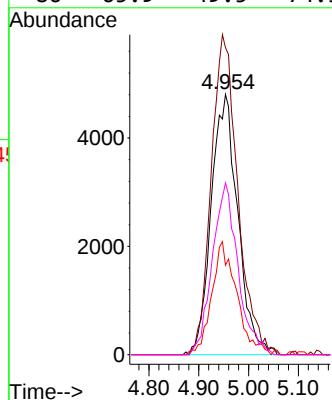
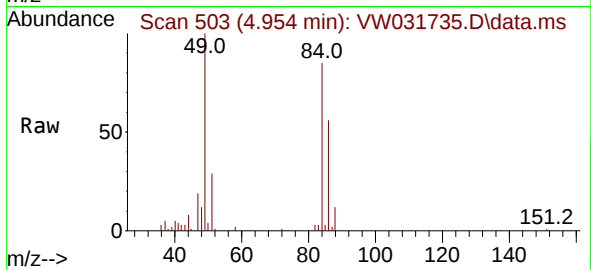




#20
Methylene Chloride
Concen: 2.672 ug/l
RT: 4.954 min Scan# 503
Delta R.T. 0.000 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

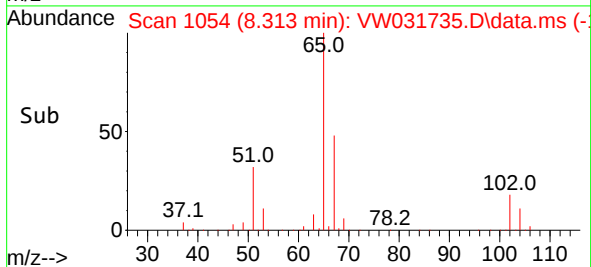
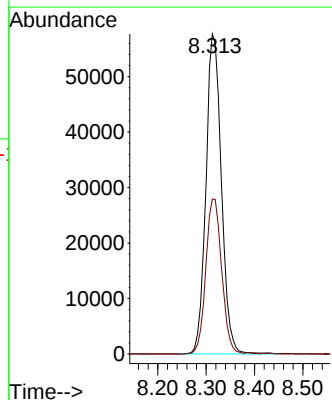
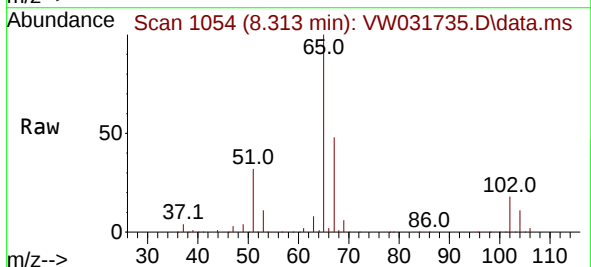
Instrument :
MSVOA_W
ClientSampleId :
VIBLK

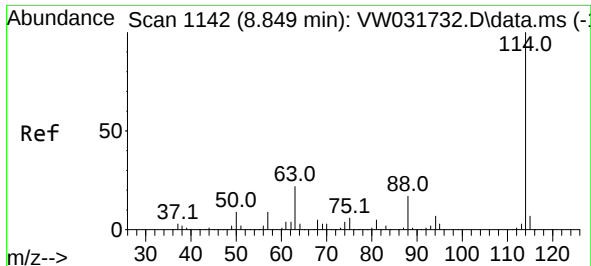
Tgt Ion:	84	Resp:	17843
Ion	Ratio	Lower	Upper
84	100		
49	118.0	98.2	147.4
51	34.4	29.8	44.8
86	65.9	49.5	74.3



#33
1,2-Dichloroethane-d4
Concen: 48.535 ug/l
RT: 8.313 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

Tgt Ion:	65	Resp:	128306
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	99.4

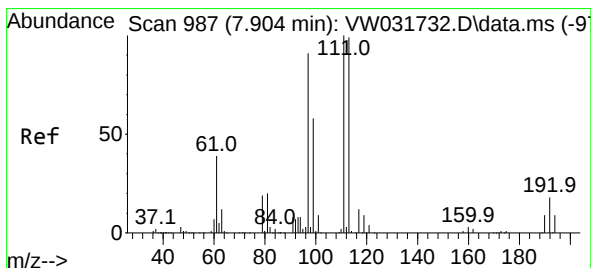
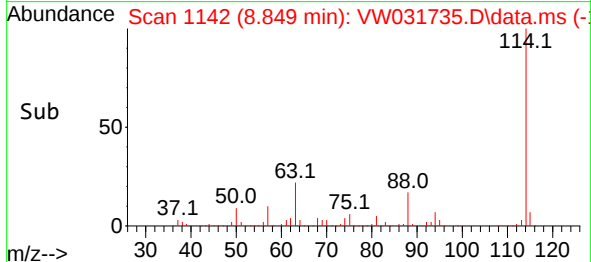
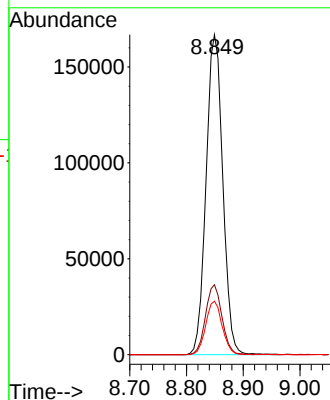
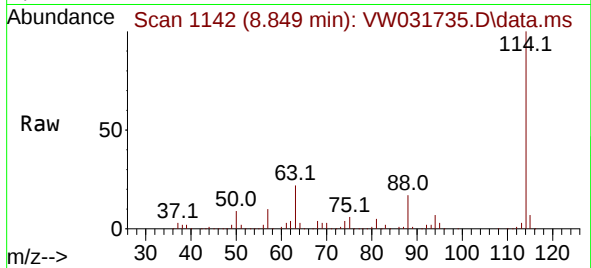




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.849 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

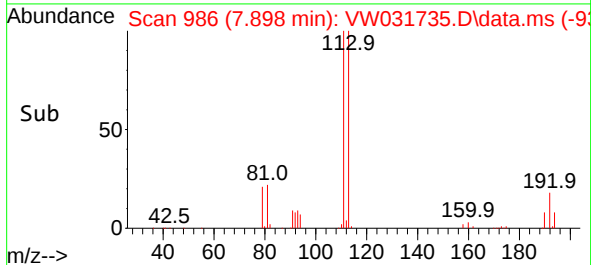
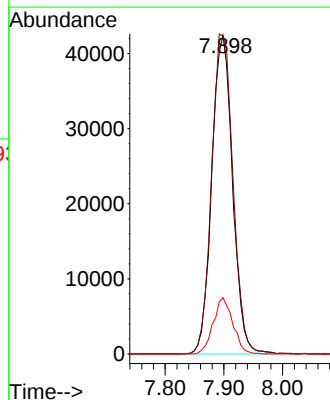
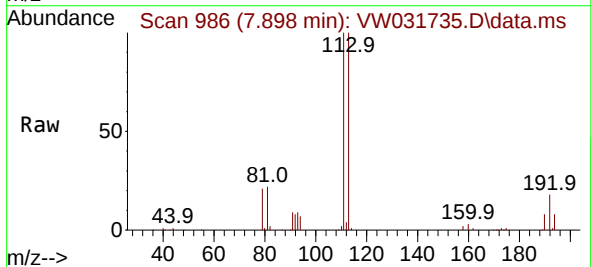
Instrument :
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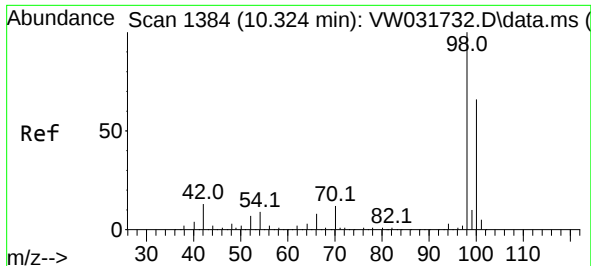
Tgt Ion:114 Resp: 340981
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.6
88 16.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 46.766 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

Tgt Ion:113 Resp: 104056
Ion Ratio Lower Upper
113 100
111 103.8 82.1 123.1
192 16.7 13.8 20.6

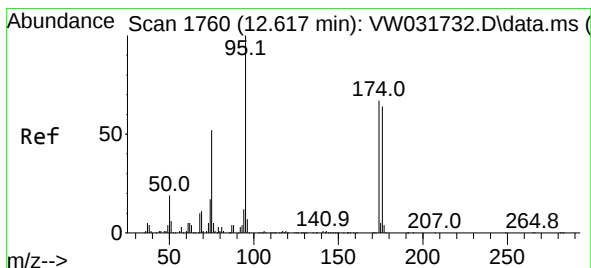
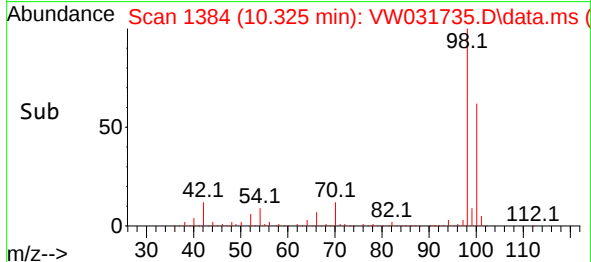
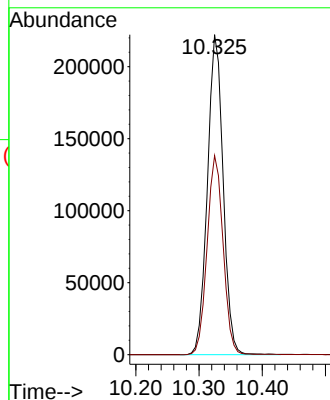
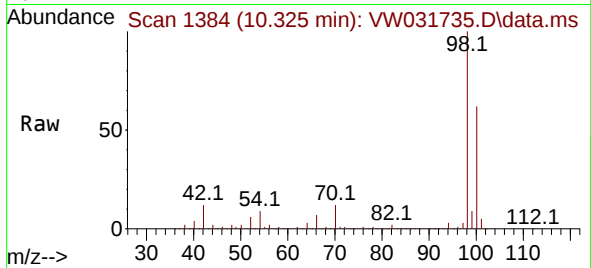




#50
Toluene-d8
Concen: 46.383 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

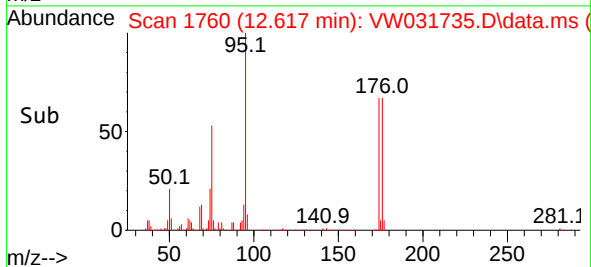
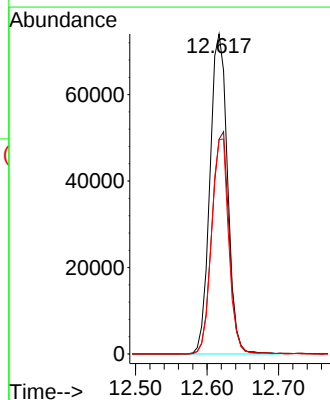
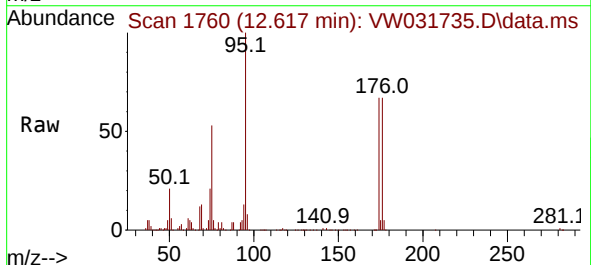
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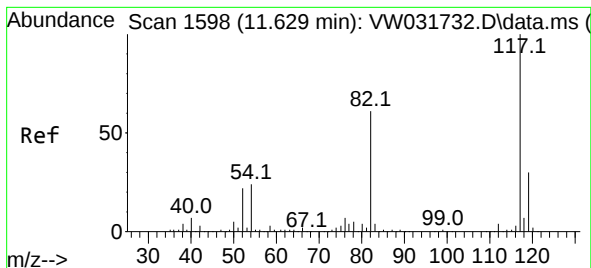
Tgt Ion: 98 Resp: 384066
Ion Ratio Lower Upper
98 100
100 63.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 41.421 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

Tgt Ion: 95 Resp: 126215
Ion Ratio Lower Upper
95 100
174 68.3 0.0 133.8
176 65.8 0.0 126.0

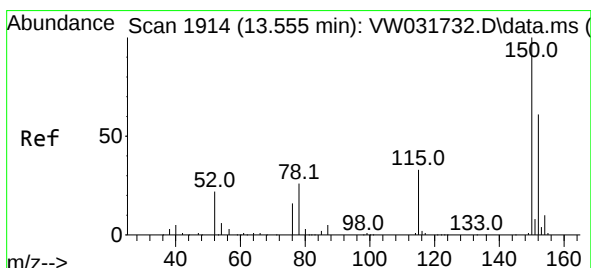
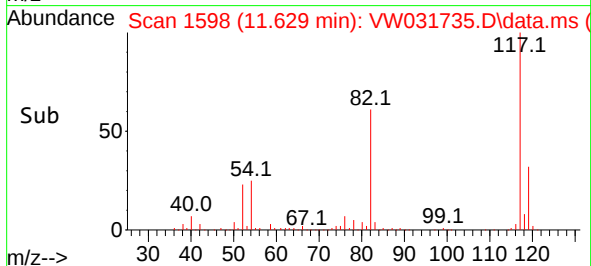
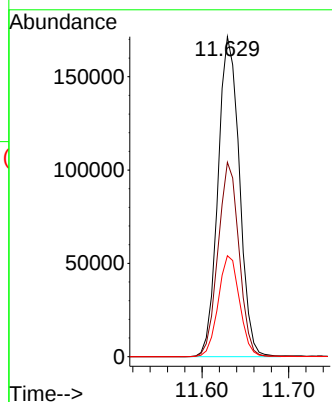
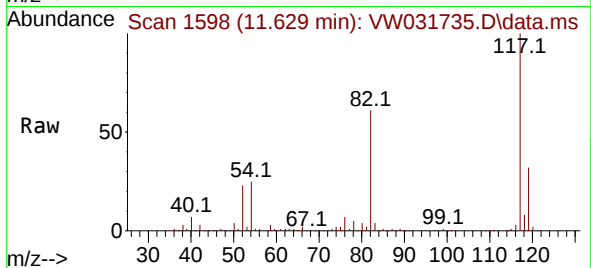




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 117
Delta R.T. 0.000 min
Lab File: VW031735.D
Acq: 30 Jun 2025 14:11

Instrument :
MSVOA_W
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 294315
Ion Ratio Lower Upper
117 100
82 60.7 48.6 72.8
119 31.5 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: VW031735.D
Acq: 30 Jun 2025 14:11

Tgt Ion:152 Resp: 137715
Ion Ratio Lower Upper
152 100
115 63.8 31.9 95.7
150 158.1 0.0 356.4

