

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071525\
 Data File : VW031859.D
 Acq On : 15 Jul 2025 13:57
 Operator : SY/MD
 Sample : Q2559-01RE
 Misc : 5.03g/5mL/MSVOA_W/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 500-3B CONCRETE CHIPRE

Quant Time: Jul 15 15:30:29 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)

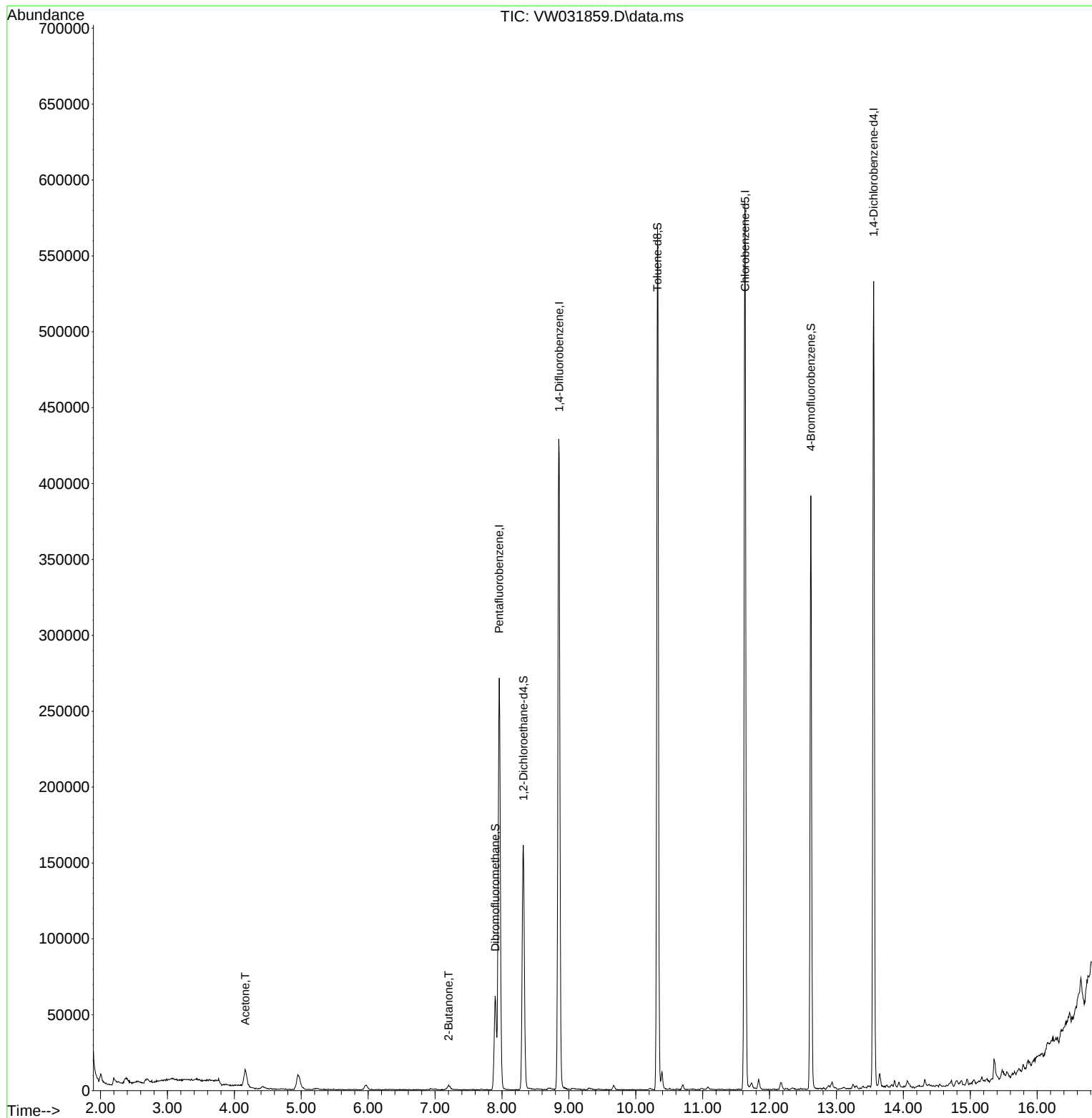
Internal Standards						
1) Pentafluorobenzene	7.959	168	184597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	365924	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.636	117	314882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	134964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	134511	50.775	ug/l	0.00
Spiked Amount	50.000	Range 63 - 155	Recovery	= 101.540%		
35) Dibromofluoromethane	7.898	113	45316	18.978	ug/l	0.00
Spiked Amount	50.000	Range 70 - 134	Recovery	= 37.960%#		
50) Toluene-d8	10.325	98	379547	42.713	ug/l	0.00
Spiked Amount	50.000	Range 74 - 123	Recovery	= 85.420%		
62) 4-Bromofluorobenzene	12.617	95	137081	41.920	ug/l	0.00
Spiked Amount	50.000	Range 17 - 146	Recovery	= 83.840%		
Target Compounds						
						Qvalue
16) Acetone	4.161	43	19810	30.254	ug/l	90
25) 2-Butanone	7.203	43	4841	5.683	ug/l	96

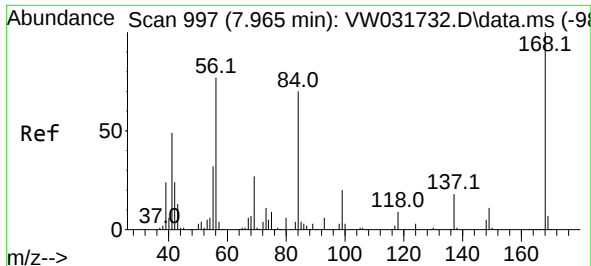
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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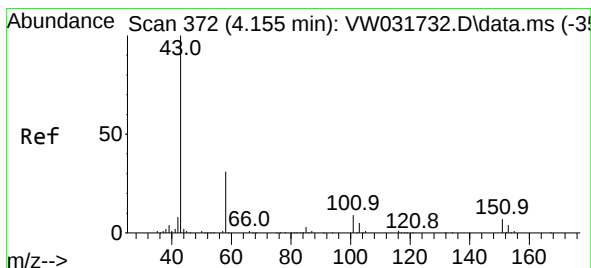
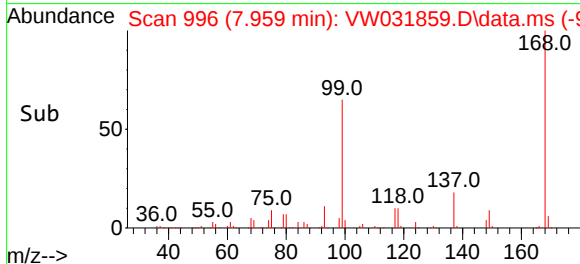
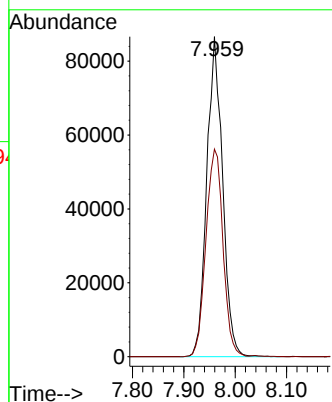
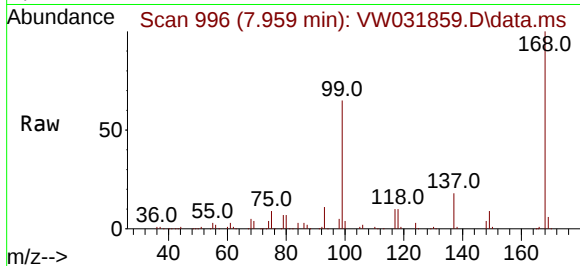




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. -0.006 min
Lab File: VW031859.D
Acq: 15 Jul 2025 13:57

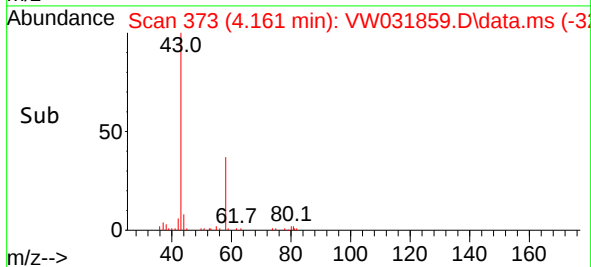
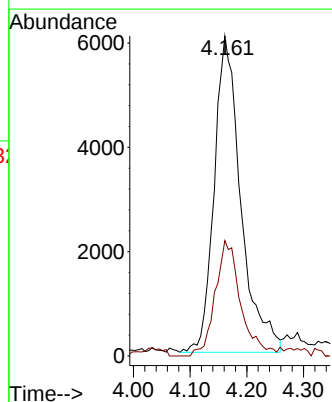
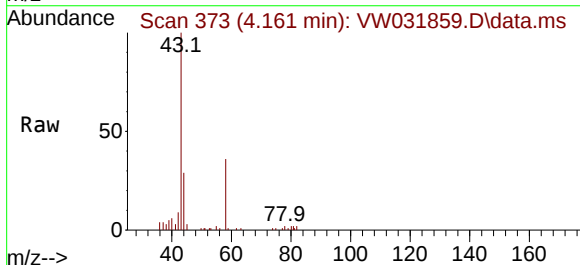
Instrument :
MSVOA_W
ClientSampleId :
500-3B CONCRETE CHIPRE

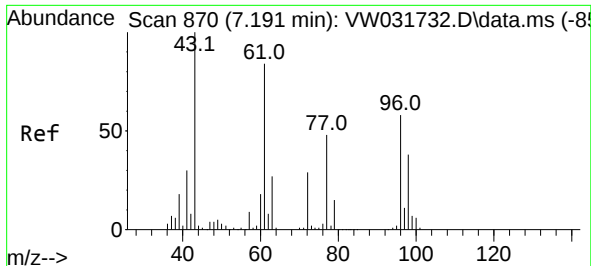
Tgt Ion:168 Resp: 184597
Ion Ratio Lower Upper
168 100
99 64.8 49.4 74.2



#16
Acetone
Concen: 30.254 ug/l
RT: 4.161 min Scan# 373
Delta R.T. 0.006 min
Lab File: VW031859.D
Acq: 15 Jul 2025 13:57

Tgt Ion: 43 Resp: 19810
Ion Ratio Lower Upper
43 100
58 36.5 24.8 37.2

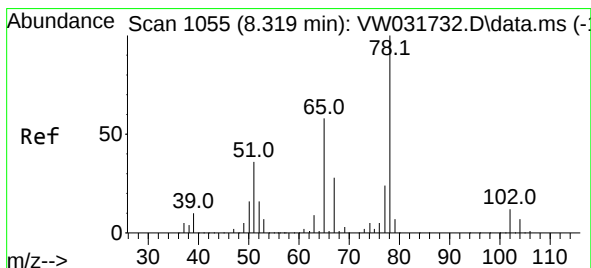
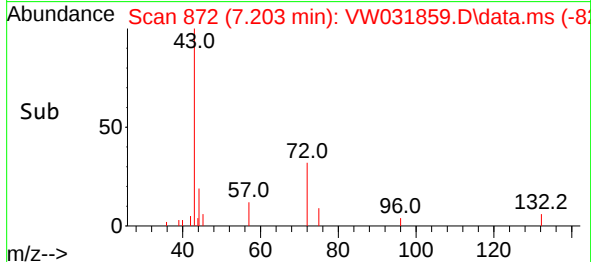
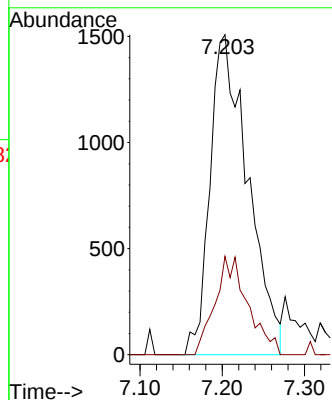
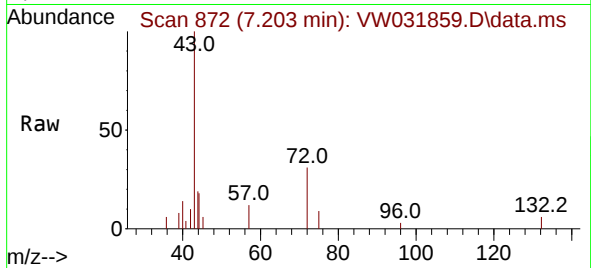




#25
2-Butanone
Concen: 5.683 ug/l
RT: 7.203 min Scan# 81
Delta R.T. 0.013 min
Lab File: VW031859.D
Acq: 15 Jul 2025 13:57

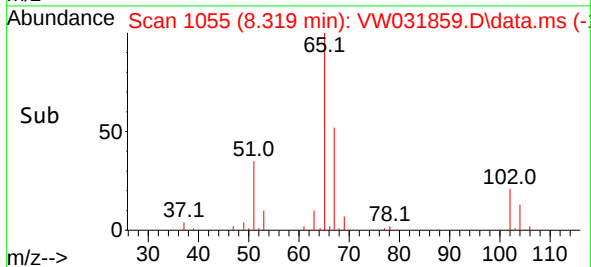
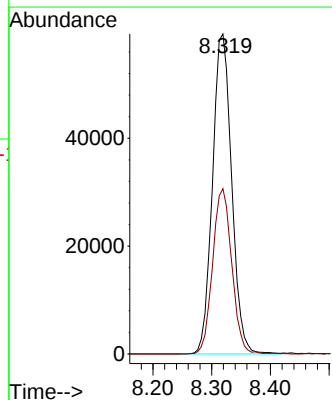
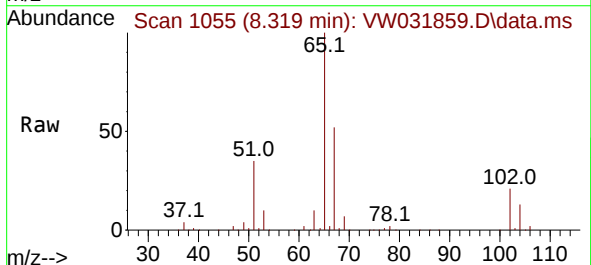
Instrument :
MSVOA_W
ClientSampleId :
500-3B CONCRETE CHIPRE

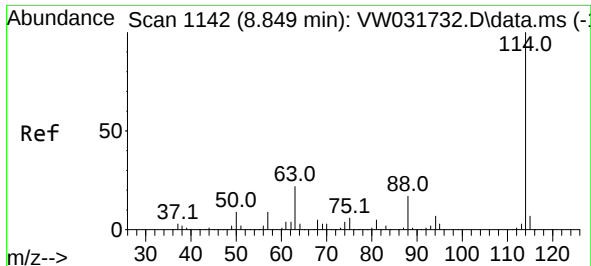
Tgt Ion: 43 Resp: 4841
Ion Ratio Lower Upper
43 100
72 30.7 23.0 34.6



#33
1,2-Dichloroethane-d4
Concen: 50.775 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW031859.D
Acq: 15 Jul 2025 13:57

Tgt Ion: 65 Resp: 134511
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VW031859.D

Acq: 15 Jul 2025 13:57

Instrument :

MSVOA_W

ClientSampleId :

500-3B CONCRETE CHIPRE

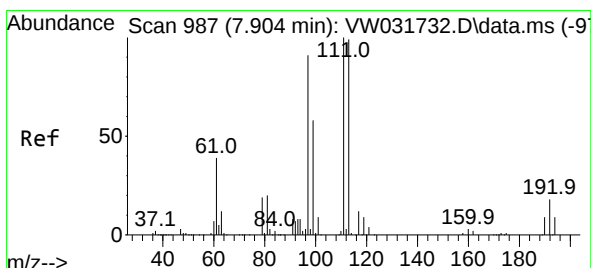
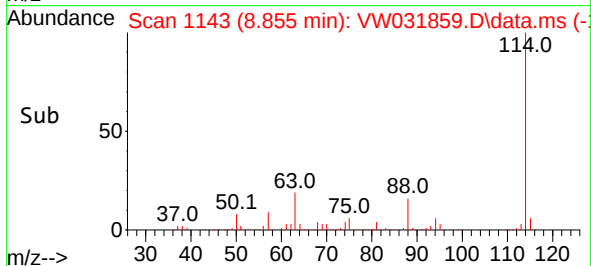
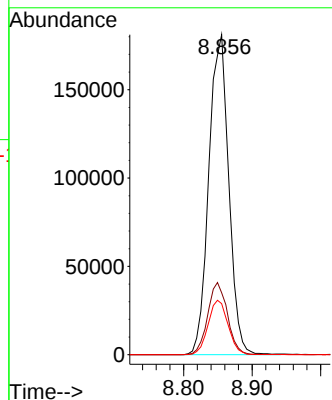
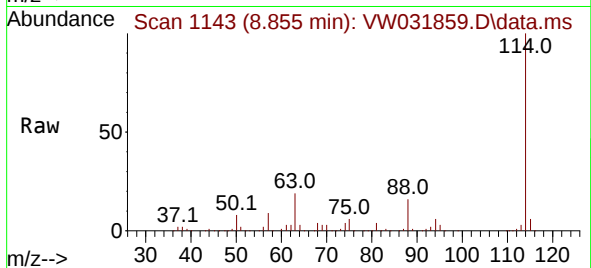
Tgt Ion:114 Resp: 365924

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.6

88 16.0 0.0 34.2



#35

Dibromofluoromethane

Concen: 18.978 ug/l

RT: 7.898 min Scan# 986

Delta R.T. -0.006 min

Lab File: VW031859.D

Acq: 15 Jul 2025 13:57

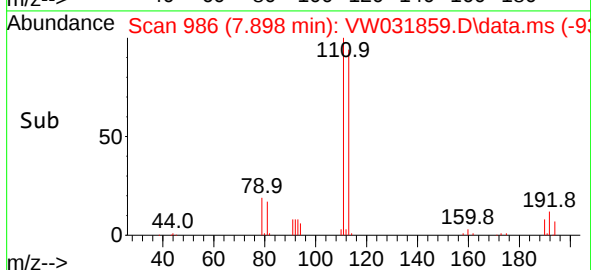
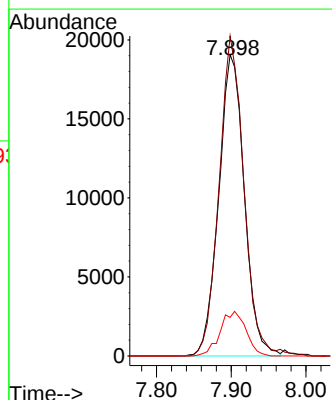
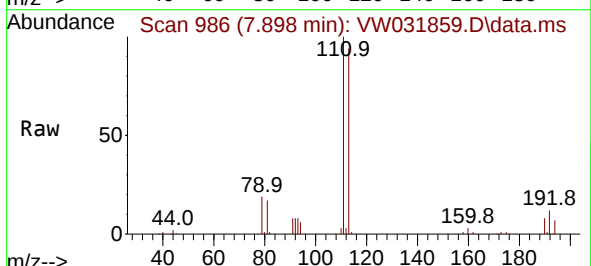
Tgt Ion:113 Resp: 45316

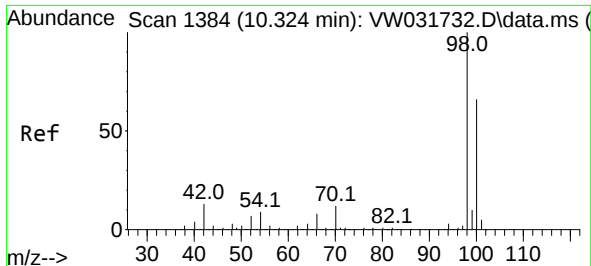
Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

192 15.0 13.8 20.6

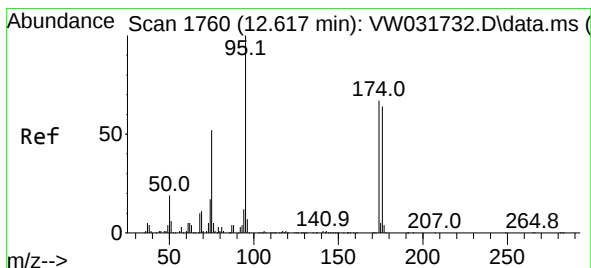
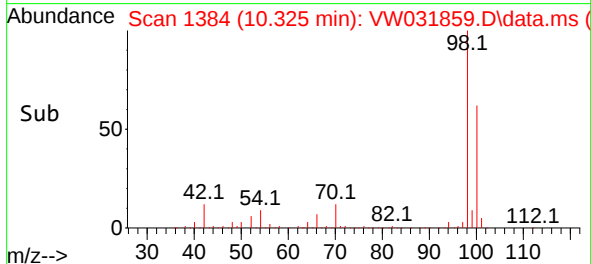
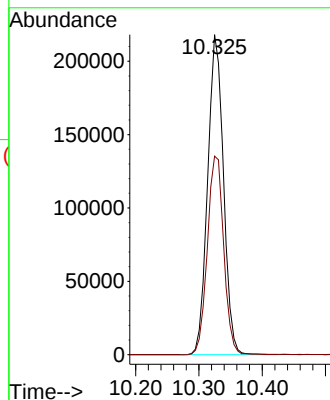
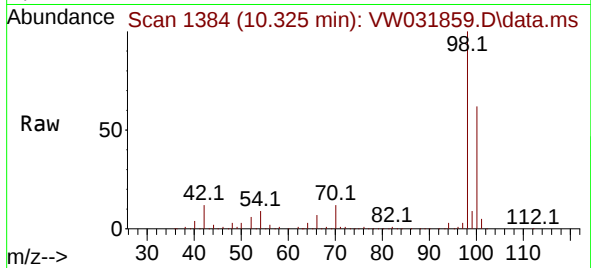




#50
Toluene-d8
Concen: 42.713 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW031859.D
Acq: 15 Jul 2025 13:57

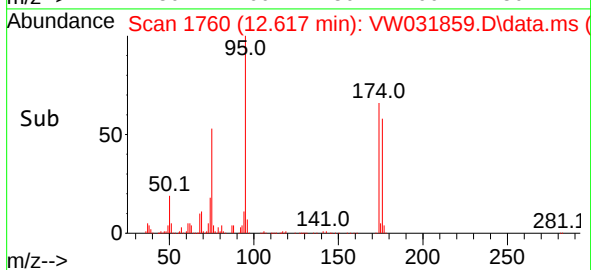
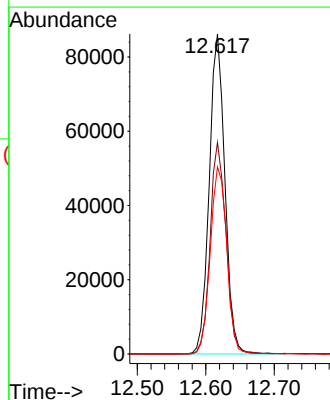
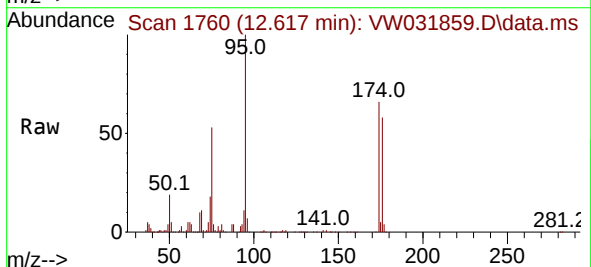
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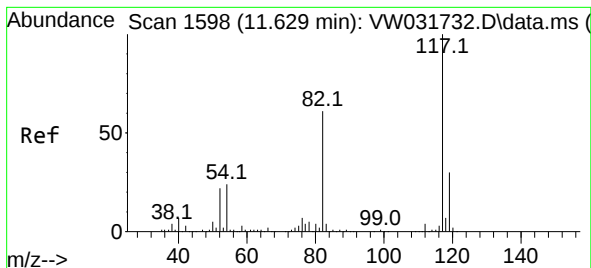
Tgt Ion: 98 Resp: 379547
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 41.920 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW031859.D
Acq: 15 Jul 2025 13:57

Tgt Ion: 95 Resp: 137081
Ion Ratio Lower Upper
95 100
174 66.9 0.0 133.8
176 61.5 0.0 126.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.636 min Scan# 11

Delta R.T. 0.007 min

Lab File: VW031859.D

Acq: 15 Jul 2025 13:57

Instrument :

MSVOA_W

ClientSampleId :

500-3B CONCRETE CHIPRE

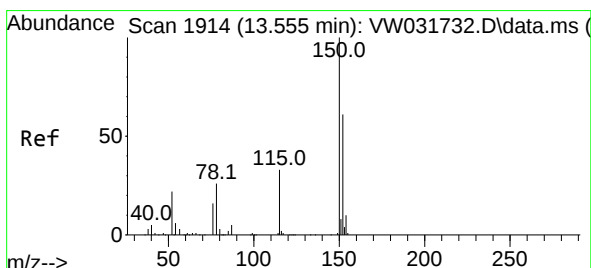
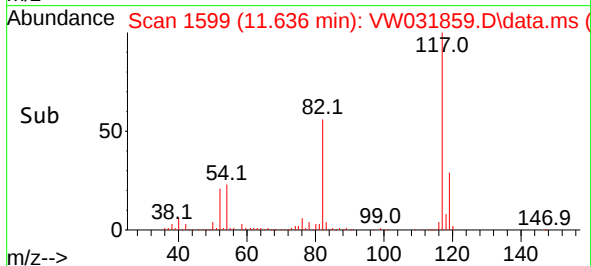
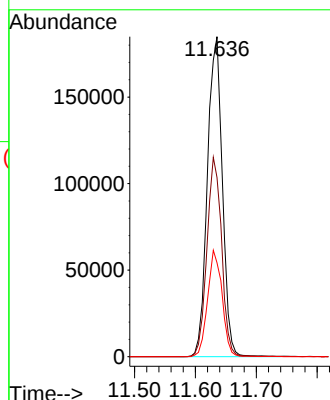
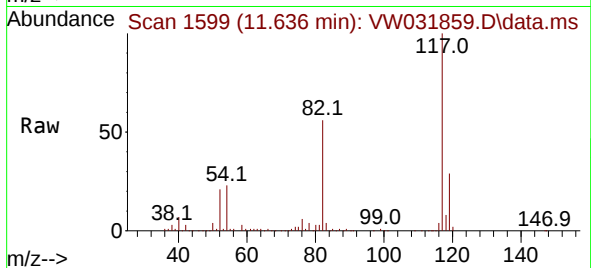
Tgt Ion:117 Resp: 314882

Ion Ratio Lower Upper

117 100

82 56.0 48.6 72.8

119 29.4 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: VW031859.D

Acq: 15 Jul 2025 13:57

Tgt Ion:152 Resp: 134964

Ion Ratio Lower Upper

152 100

115 68.4 31.9 95.7

150 154.4 0.0 356.4

