

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111125\
 Data File : VW032432.D
 Acq On : 11 Nov 2025 15:43
 Operator : SY/MD
 Sample : Q3600-01
 Misc : 5.49g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CENTRAL-ROW-CONCRETE

Quant Time: Nov 12 03:51:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111025S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 03:48:21 2025
 Response via : Initial Calibration

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

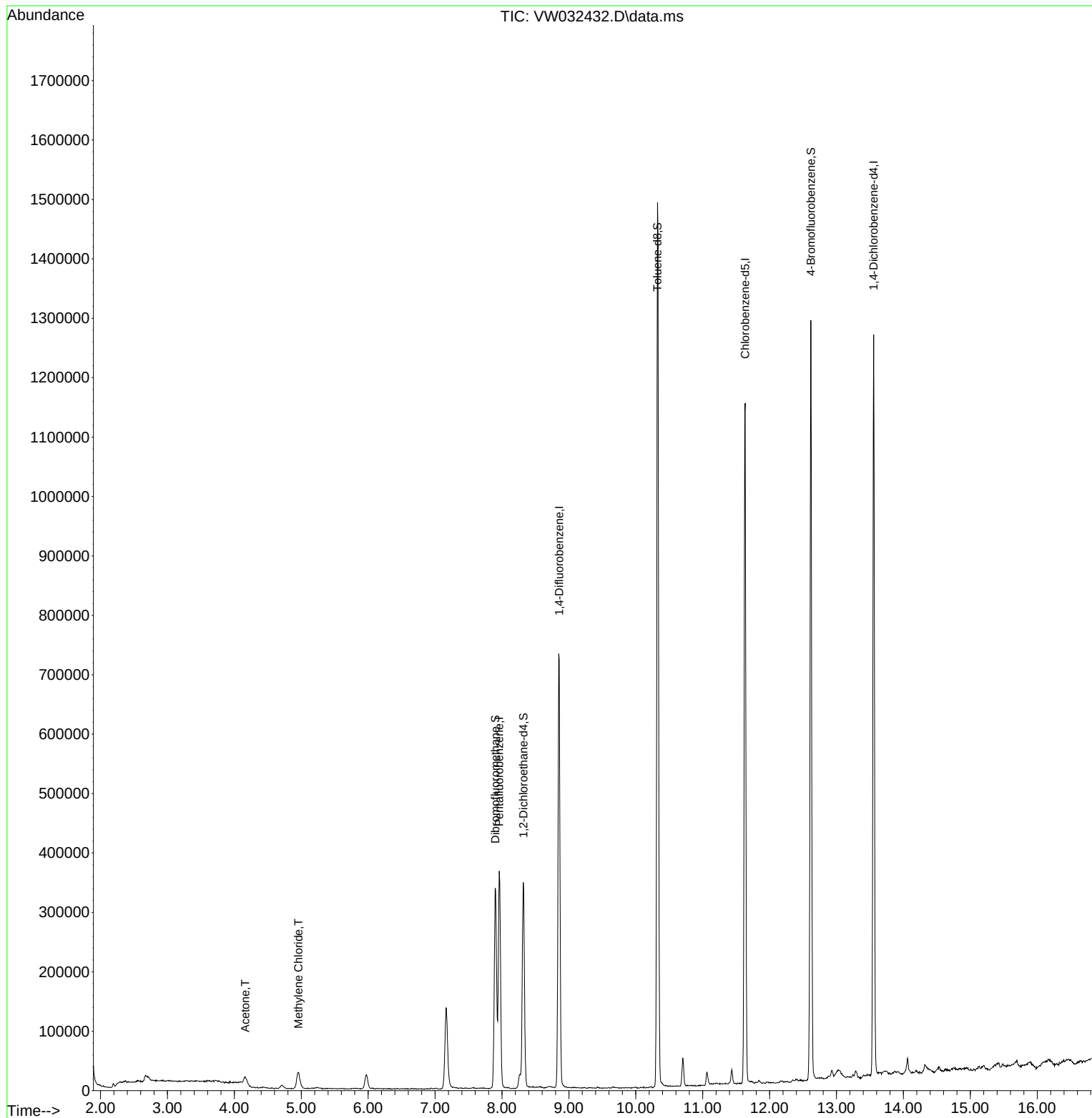
Internal Standards						
1) Pentafluorobenzene	7.959	168	265247	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	623630	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.635	117	634163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	326273	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	283940	83.031	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 166.060%#	
35) Dibromofluoromethane	7.898	113	258069	69.117	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 138.240%#	
50) Toluene-d8	10.324	98	1000853	69.872	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 139.740%#	
62) 4-Bromofluorobenzene	12.617	95	452448	83.615	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 167.220%#	
Target Compounds						
					Qvalue	
16) Acetone	4.161	43	17012	16.628	ug/l	91
20) Methylene Chloride	4.959	84	23060	6.303	ug/l	97

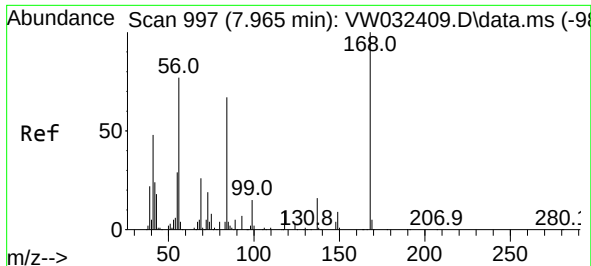
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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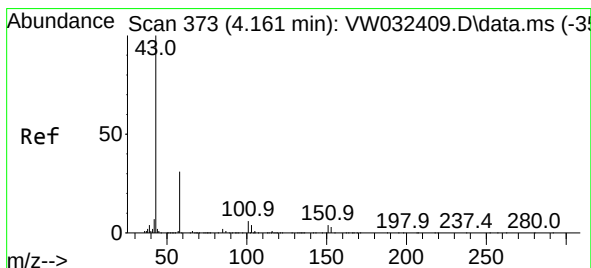
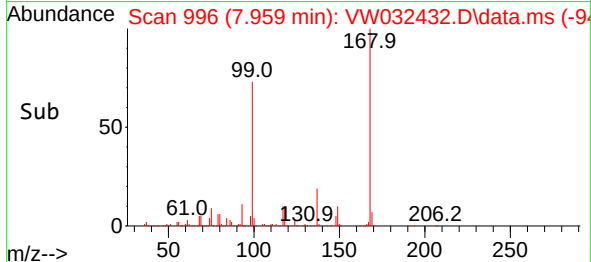
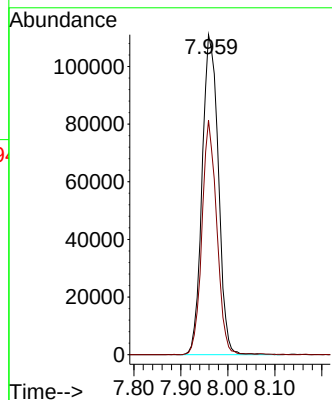
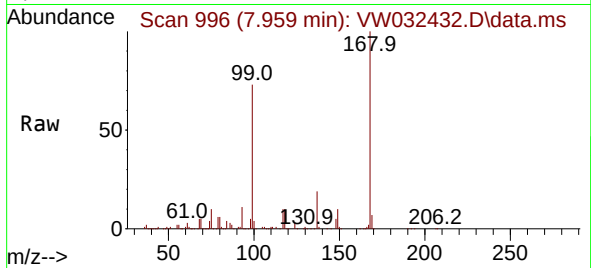




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

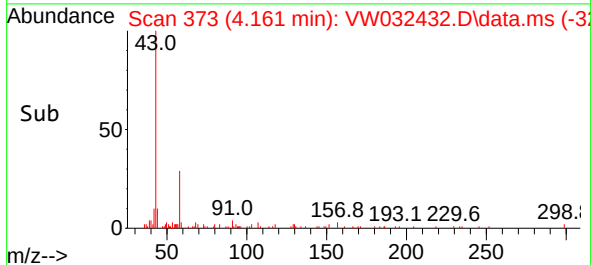
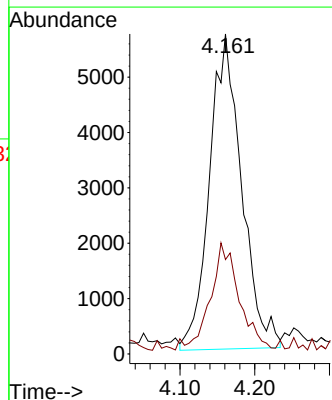
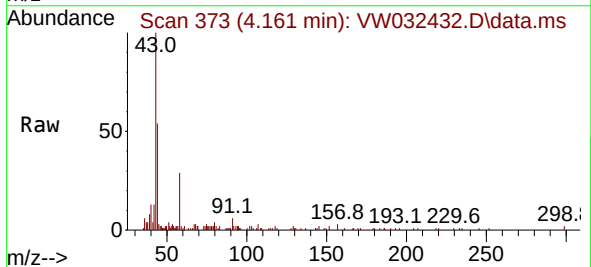
Instrument :
MSVOA_W
ClientSampleId :
CENTRAL-ROW-CONCRETE

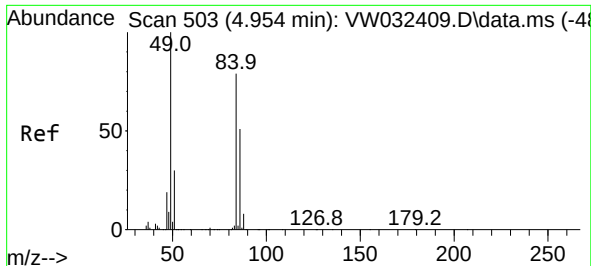
Tgt Ion:168 Resp: 265247
Ion Ratio Lower Upper
168 100
99 73.2 45.4 68.2#



#16
Acetone
Concen: 16.628 ug/l
RT: 4.161 min Scan# 373
Delta R.T. -0.000 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

Tgt Ion: 43 Resp: 17012
Ion Ratio Lower Upper
43 100
58 26.1 24.8 37.2

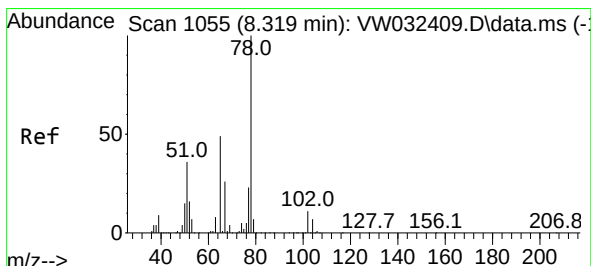
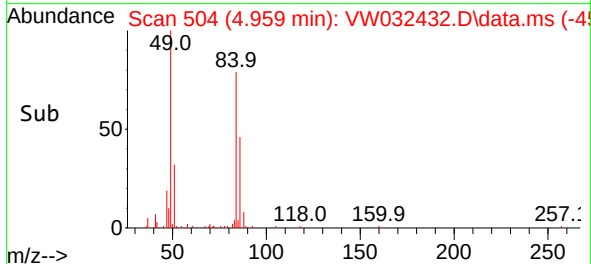
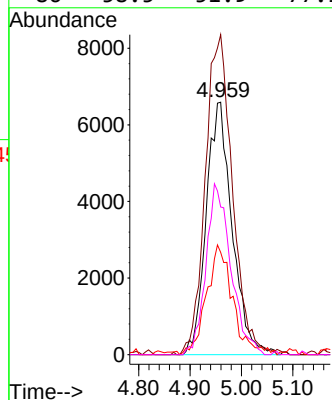
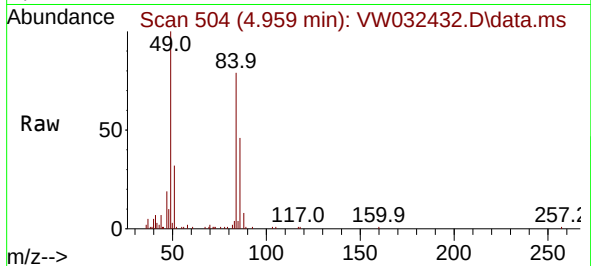




#20
Methylene Chloride
Concen: 6.303 ug/l
RT: 4.959 min Scan# 504
Delta R.T. 0.006 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

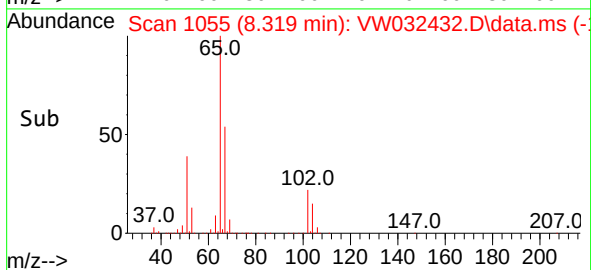
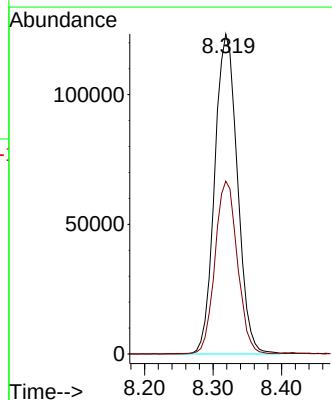
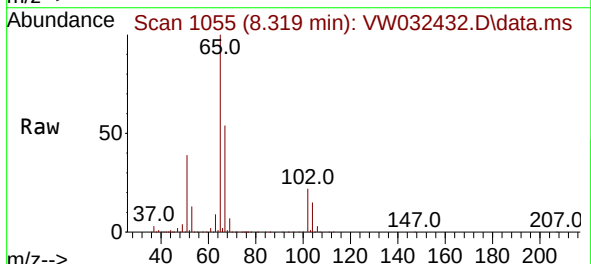
Instrument :
MSVOA_W
ClientSampleId :
CENTRAL-ROW-CONCRETE

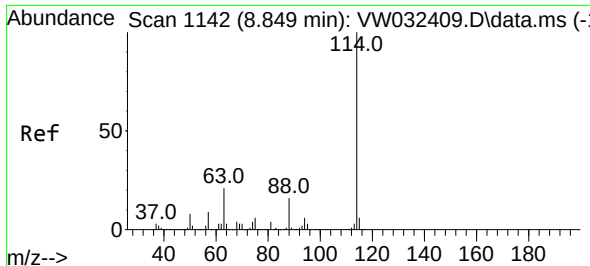
Tgt Ion: 84 Resp: 23060
Ion Ratio Lower Upper
84 100
49 126.7 101.5 152.3
51 40.5 30.6 46.0
86 58.5 51.9 77.9



#33
1,2-Dichloroethane-d4
Concen: 83.031 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

Tgt Ion: 65 Resp: 283940
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8

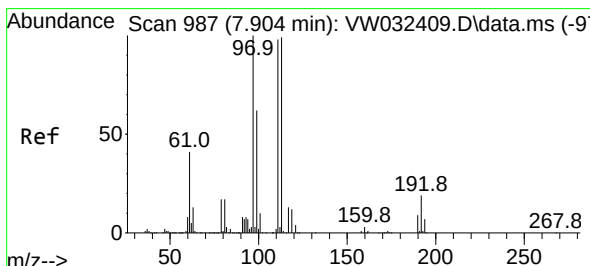
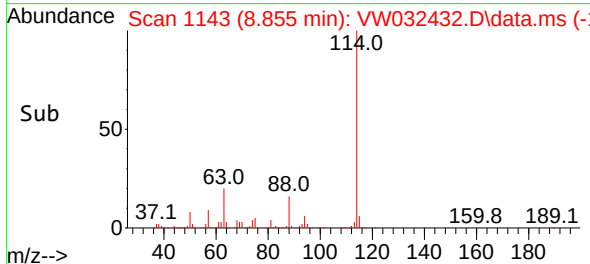
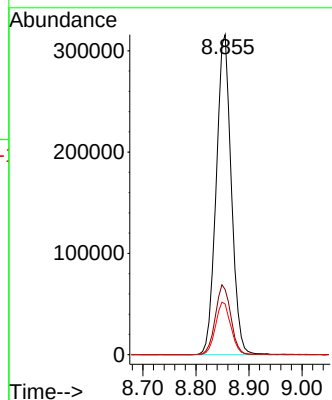
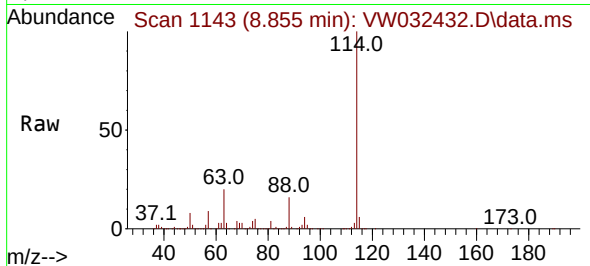




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

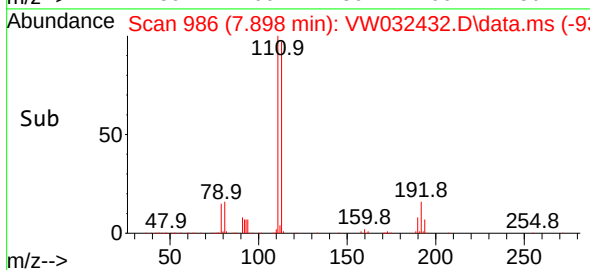
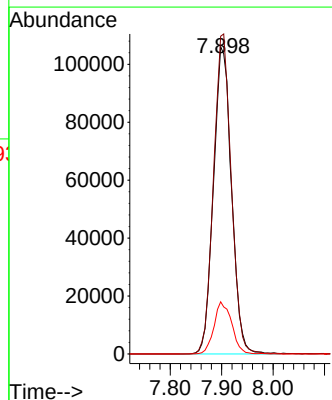
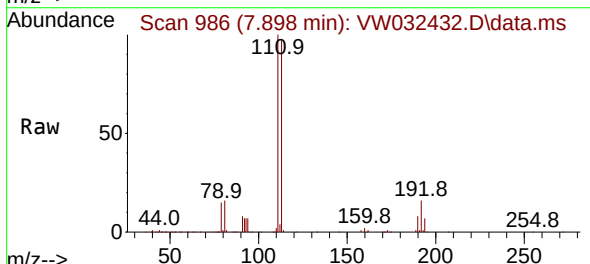
Instrument :
MSVOA_W
ClientSampleId :
CENTRAL-ROW-CONCRETE

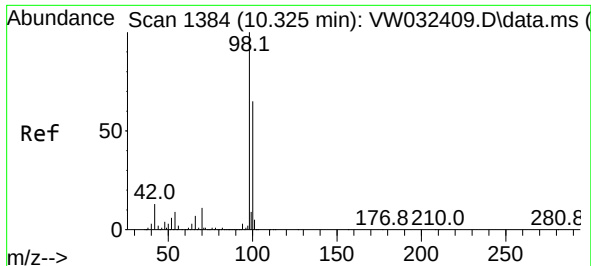
Tgt Ion:114 Resp: 623630
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.8
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 69.117 ug/l
RT: 7.898 min Scan# 986
Delta R.T. -0.006 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

Tgt Ion:113 Resp: 258069
Ion Ratio Lower Upper
113 100
111 102.6 83.1 124.7
192 16.7 13.4 20.2

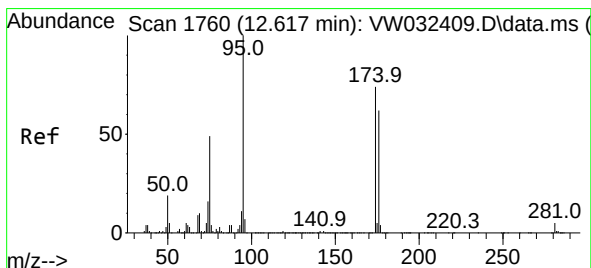
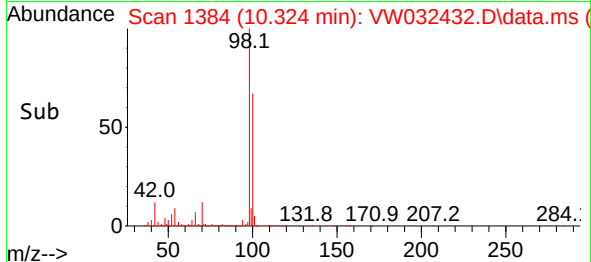
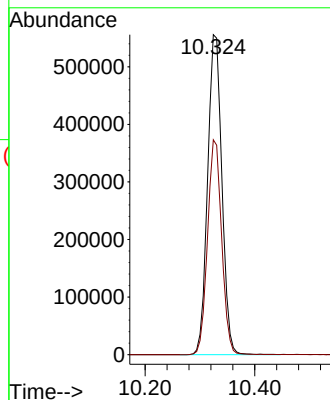
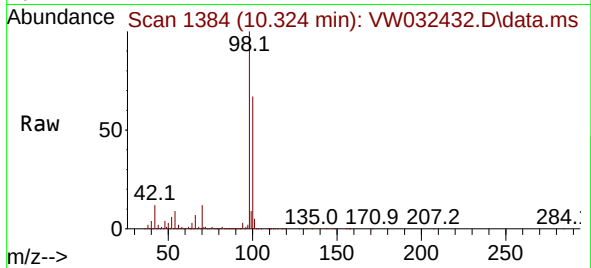




#50
Toluene-d8
Concen: 69.872 ug/l
RT: 10.324 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

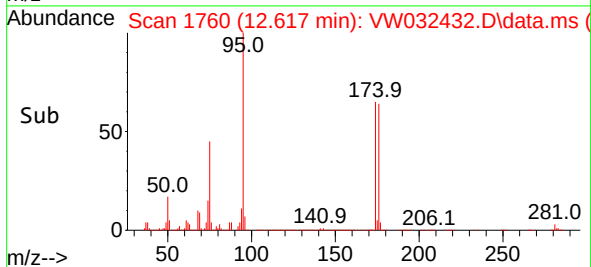
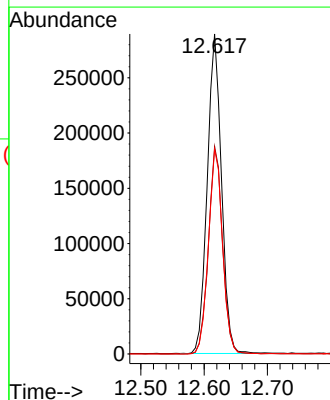
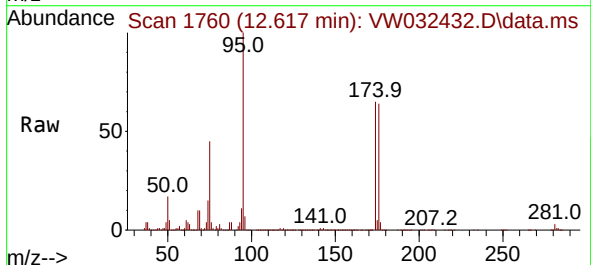
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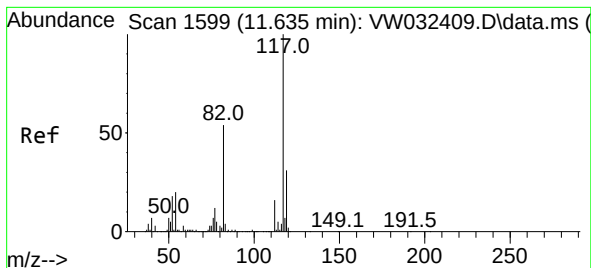
Tgt Ion: 98 Resp: 1000853
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 83.615 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032432.D
Acq: 11 Nov 2025 15:43

Tgt Ion: 95 Resp: 452448
Ion Ratio Lower Upper
95 100
174 64.4 0.0 135.4
176 63.9 0.0 131.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.635 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW032432.D

Acq: 11 Nov 2025 15:43

Instrument :

MSVOA_W

ClientSampleId :

CENTRAL-ROW-CONCRETE

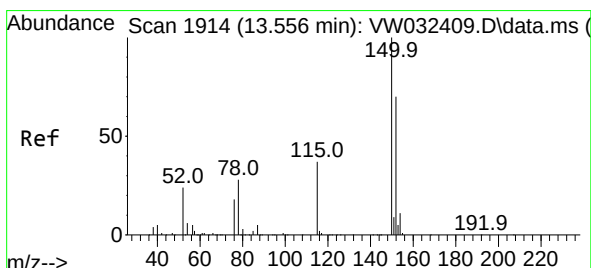
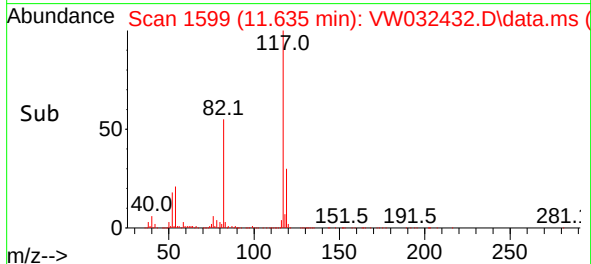
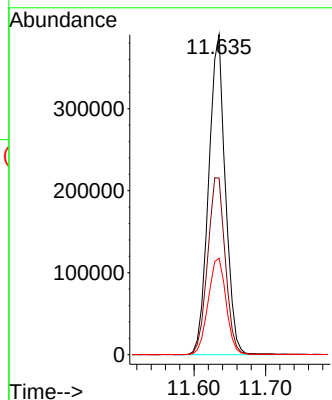
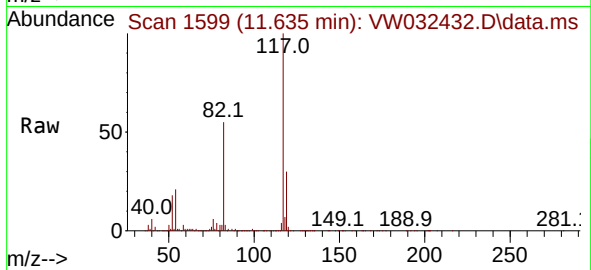
Tgt Ion:117 Resp: 634163

Ion Ratio Lower Upper

117 100

82 55.2 43.0 64.4

119 30.1 25.0 37.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1914

Delta R.T. -0.000 min

Lab File: VW032432.D

Acq: 11 Nov 2025 15:43

Tgt Ion:152 Resp: 326273

Ion Ratio Lower Upper

152 100

115 60.4 32.8 98.3

150 157.5 0.0 356.6

