

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081425\
 Data File : VW032101.D
 Acq On : 14 Aug 2025 18:02
 Operator : SY/MD
 Sample : Q2820-18
 Misc : 7.59g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 88H-N

Quant Time: Aug 18 03:56:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W081125S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 12 04:04:48 2025
 Response via : Initial Calibration

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

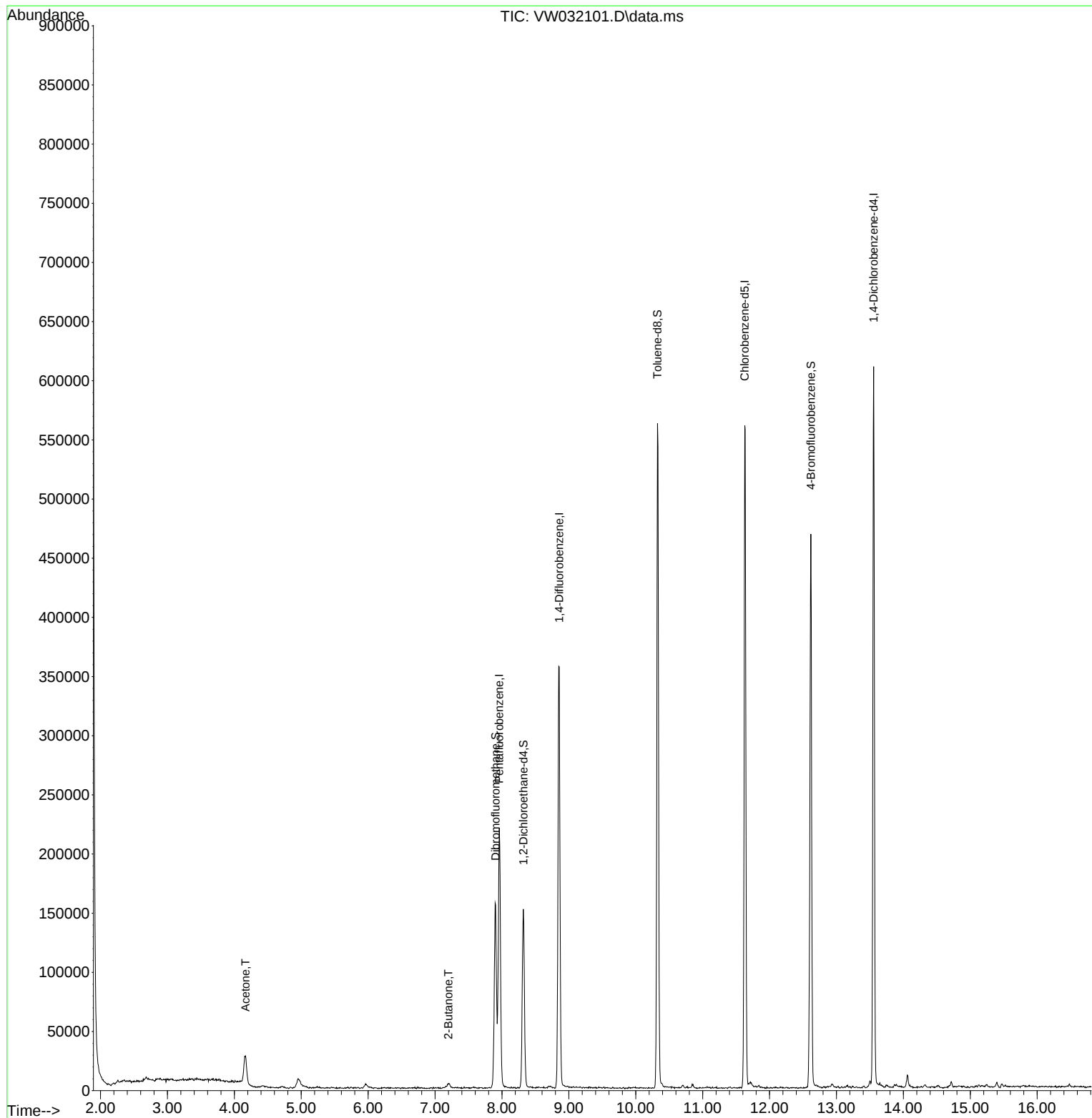
Internal Standards						
1) Pentafluorobenzene	7.959	168	147385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	297090	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	296209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	149072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	124522	58.417	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	= 116.840%	
35) Dibromofluoromethane	7.904	113	106924	55.709	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	= 111.420%	
50) Toluene-d8	10.325	98	358263	50.467	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.617	95	138690	53.015	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	= 106.020%	
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	41408	83.903	ug/l	90
25) 2-Butanone	7.197	43	6117	8.721	ug/l	93

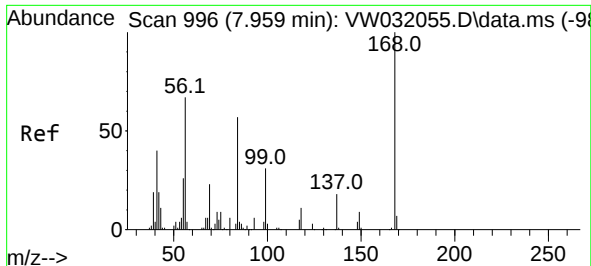
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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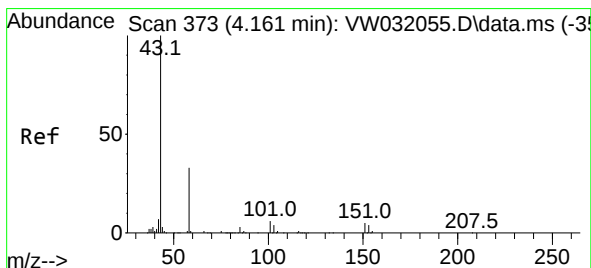
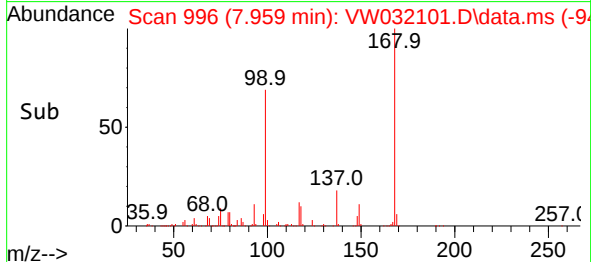
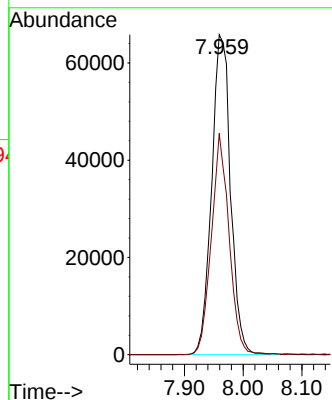
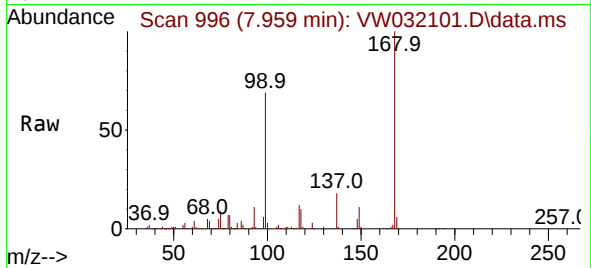




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

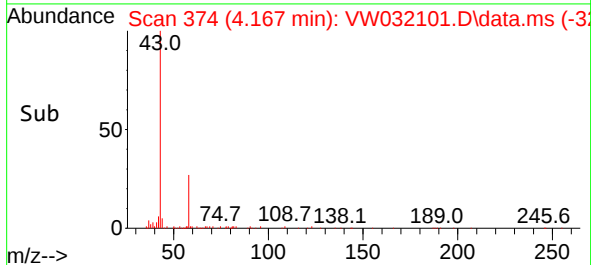
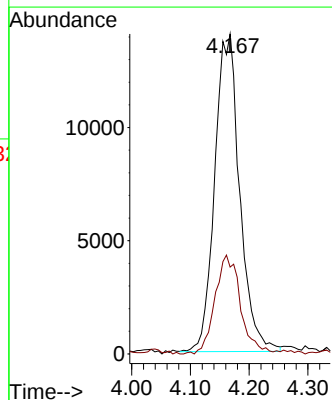
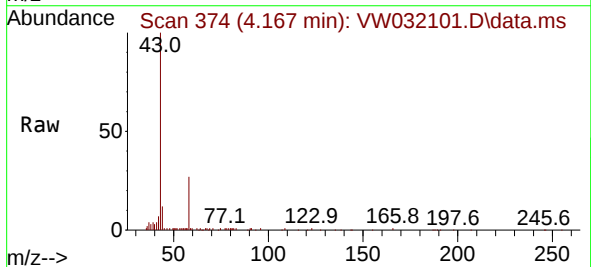
Instrument :
MSVOA_W
ClientSampleId :
88H-N

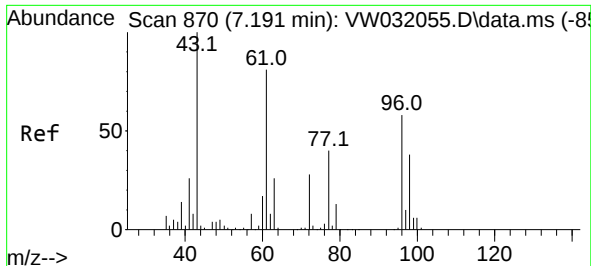
Tgt Ion:168 Resp: 147385
Ion Ratio Lower Upper
168 100
99 69.1 56.0 84.0



#16
Acetone
Concen: 83.903 ug/l
RT: 4.167 min Scan# 374
Delta R.T. 0.006 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

Tgt Ion: 43 Resp: 41408
Ion Ratio Lower Upper
43 100
58 27.4 26.6 39.8

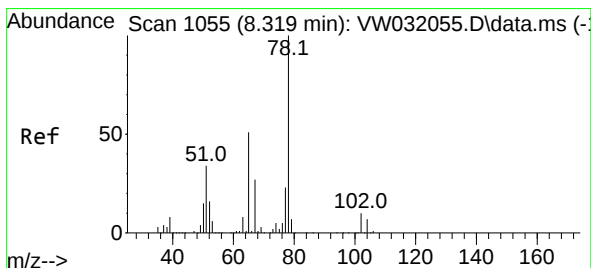
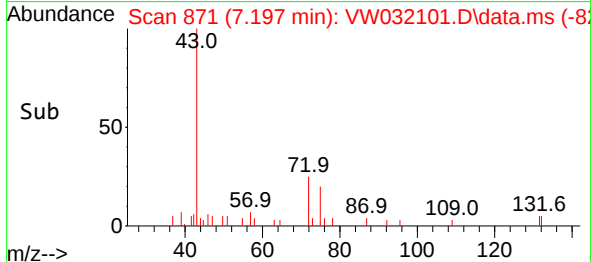
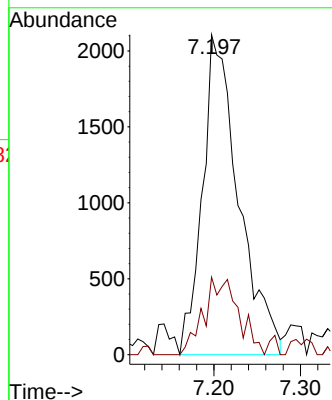
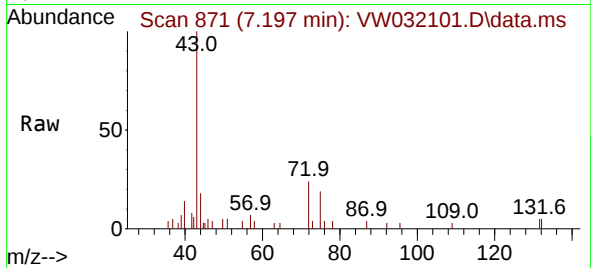




#25
2-Butanone
Concen: 8.721 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

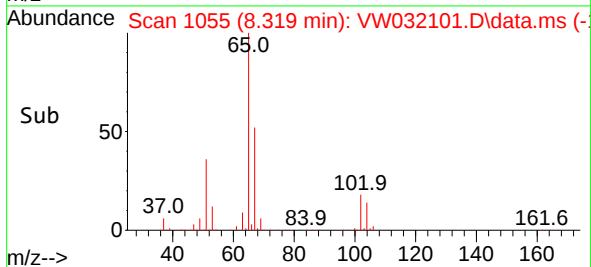
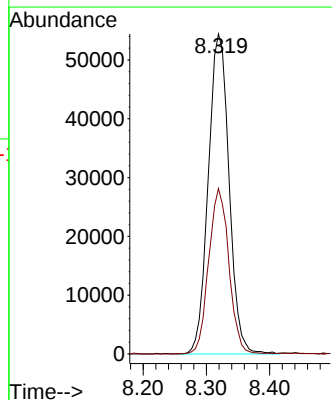
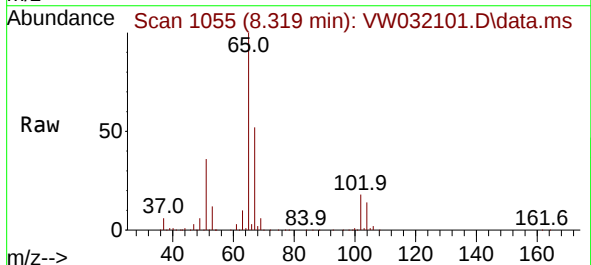
Instrument :
MSVOA_W
ClientSampleId :
88H-N

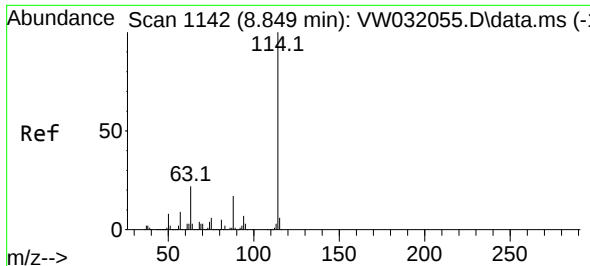
Tgt Ion: 43 Resp: 6117
Ion Ratio Lower Upper
43 100
72 24.2 22.3 33.5



#33
1,2-Dichloroethane-d4
Concen: 58.417 ug/l
RT: 8.319 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

Tgt Ion: 65 Resp: 124522
Ion Ratio Lower Upper
65 100
67 50.3 0.0 102.4

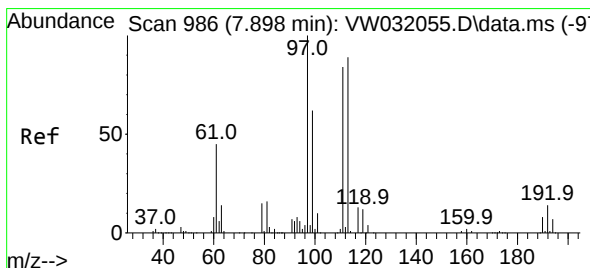
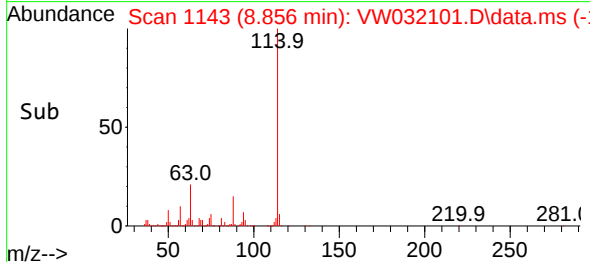
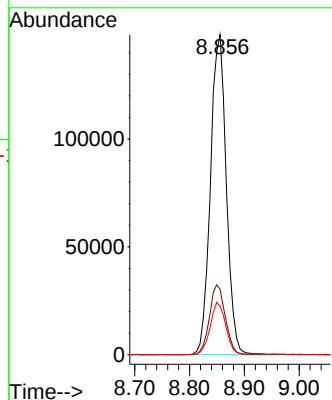
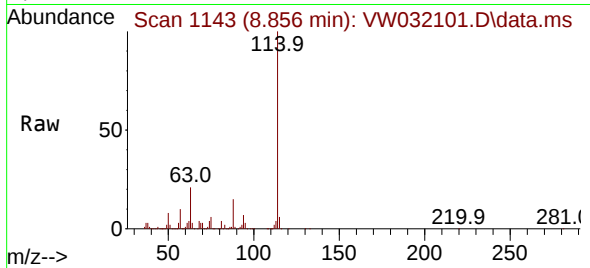




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

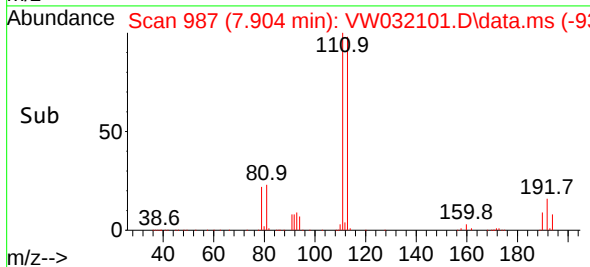
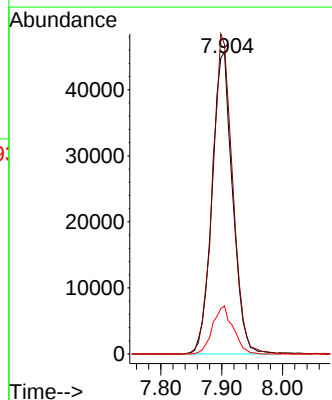
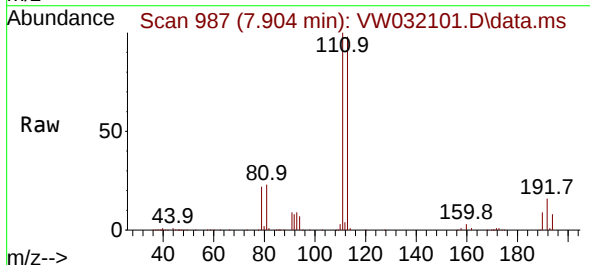
Instrument :
MSVOA_W
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88H-N

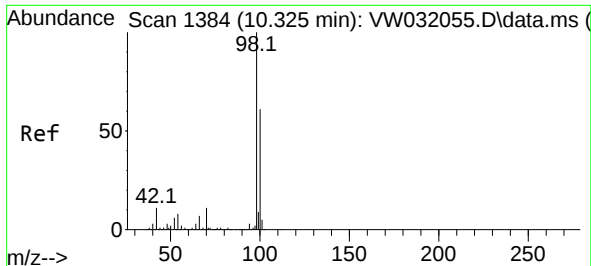
Tgt Ion:114 Resp: 297090
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.0
88 15.2 0.0 33.8



#35
Dibromofluoromethane
Concen: 55.709 ug/l
RT: 7.904 min Scan# 987
Delta R.T. 0.006 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

Tgt Ion:113 Resp: 106924
Ion Ratio Lower Upper
113 100
111 104.3 80.1 120.1
192 15.8 13.1 19.7

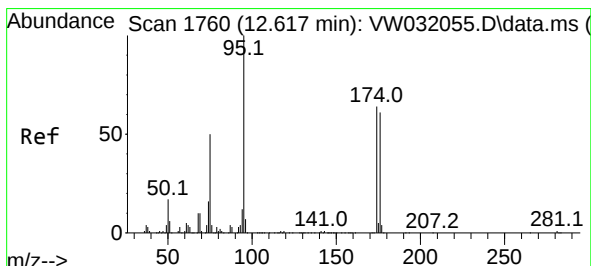
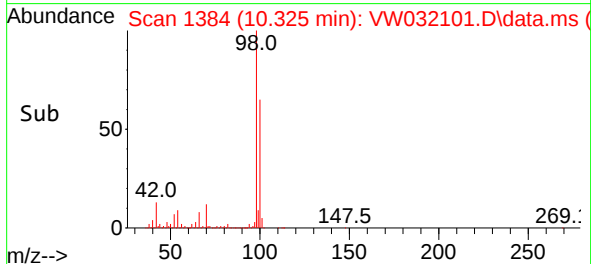
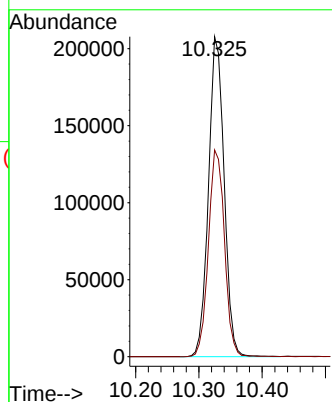
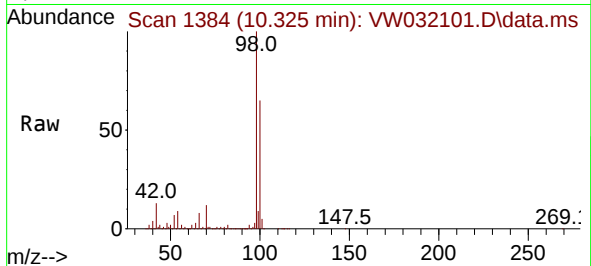




#50
Toluene-d8
Concen: 50.467 ug/l
RT: 10.325 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

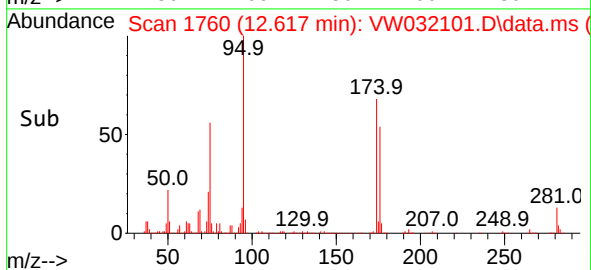
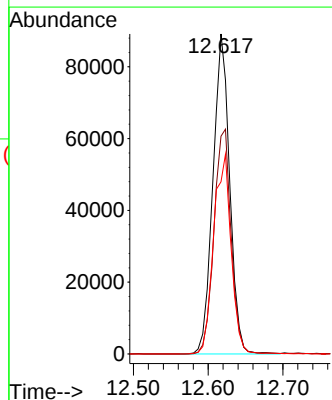
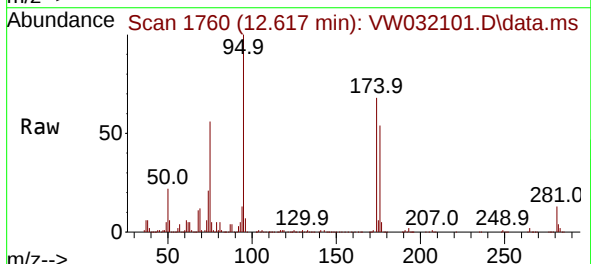
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ClientSampleId :
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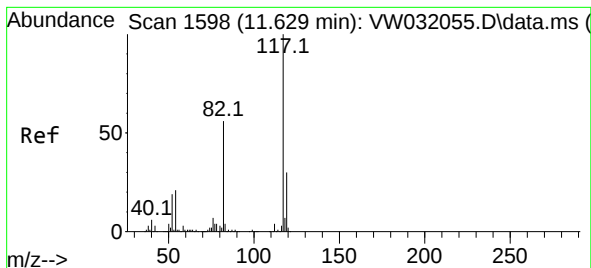
Tgt Ion: 98 Resp: 358263
Ion Ratio Lower Upper
98 100
100 66.2 51.1 76.7



#62
4-Bromofluorobenzene
Concen: 53.015 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. 0.000 min
Lab File: VW032101.D
Acq: 14 Aug 2025 18:02

Tgt Ion: 95 Resp: 138690
Ion Ratio Lower Upper
95 100
174 72.1 0.0 129.0
176 65.2 0.0 124.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.629 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VW032101.D

Acq: 14 Aug 2025 18:02

Instrument :

MSVOA_W

ClientSampleId :

88H-N

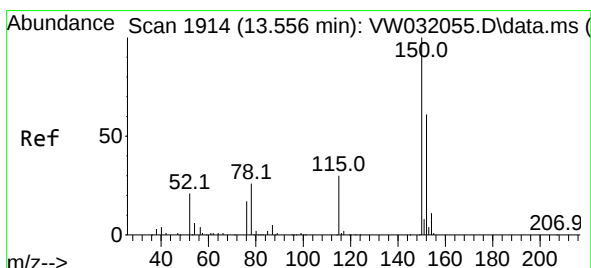
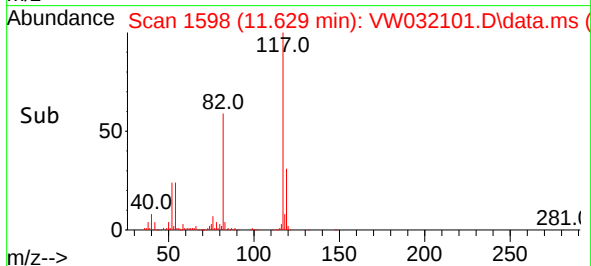
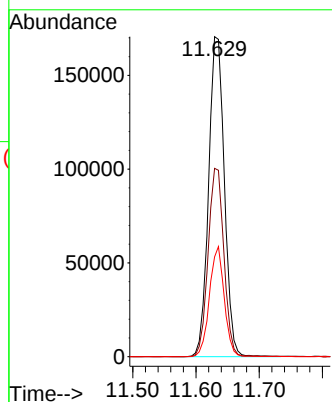
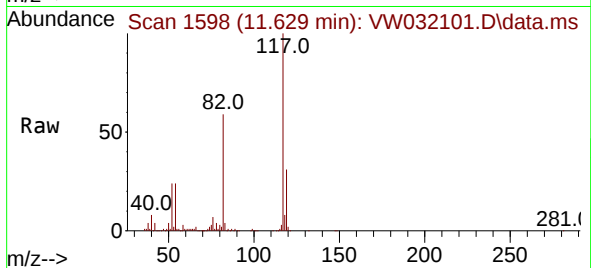
Tgt Ion:117 Resp: 296209

Ion Ratio Lower Upper

117 100

82 58.9 45.0 67.4

119 31.2 24.2 36.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.556 min Scan# 1914

Delta R.T. 0.000 min

Lab File: VW032101.D

Acq: 14 Aug 2025 18:02

Tgt Ion:152 Resp: 149072

Ion Ratio Lower Upper

152 100

115 61.7 32.6 97.8

150 156.5 0.0 359.4

