

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088124.D
 Acq On : 27 Oct 2025 18:41
 Operator : JC\MD
 Sample : Q3468-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

Quant Time: Oct 28 01:34:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

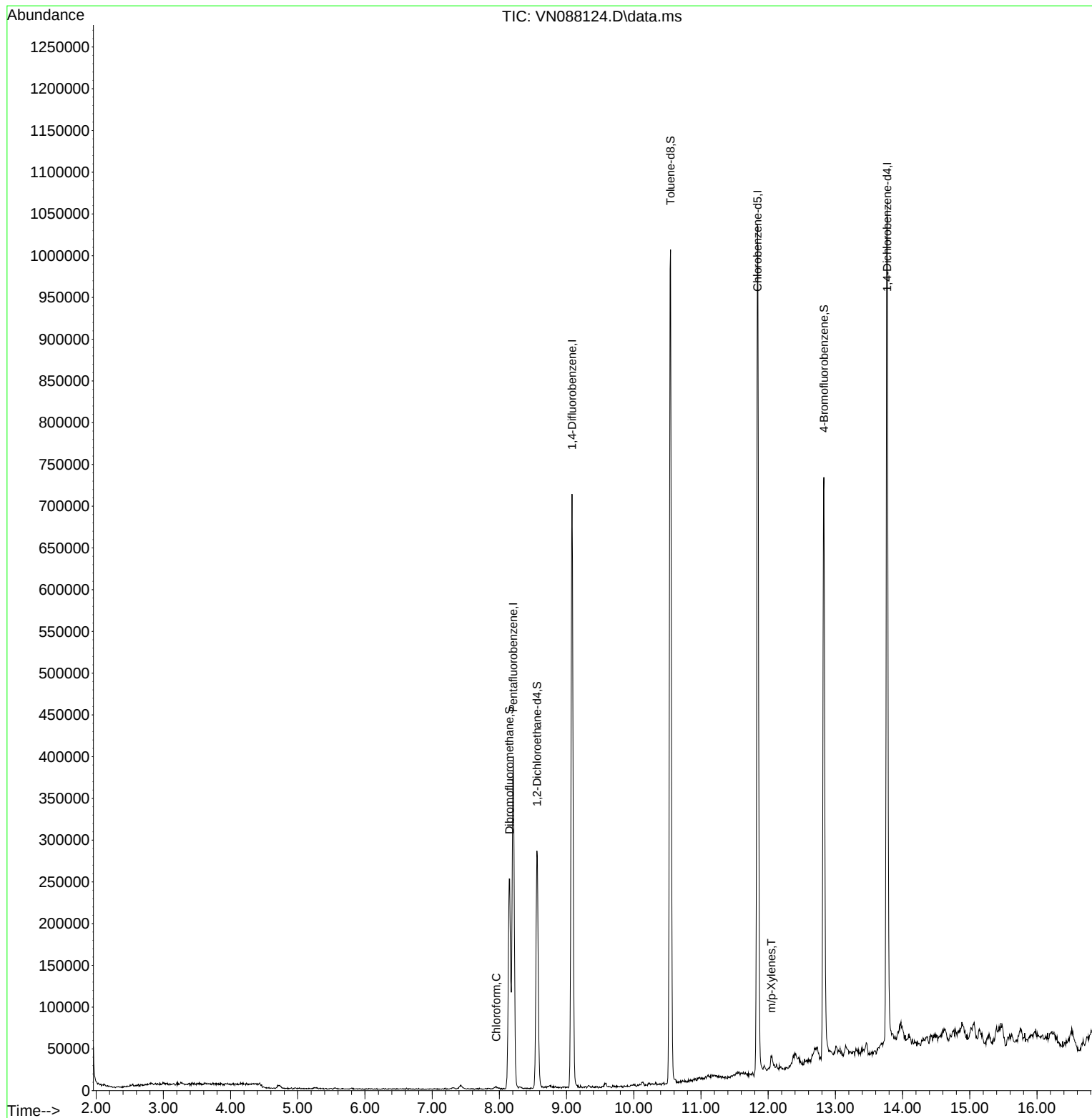
Internal Standards						
1) Pentafluorobenzene	8.206	168	263533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	588016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	556110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	269618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	239685	52.597	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.200%
35) Dibromofluoromethane	8.147	113	179378	45.408	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.820%
50) Toluene-d8	10.547	98	677929	44.538	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.829	95	269183	50.075	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.160%
Target Compounds						
						Qvalue
30) Chloroform	7.953	83	3086	0.457	ug/l	# 67
68) m/p-Xylenes	12.047	106	6195	0.746	ug/l	76

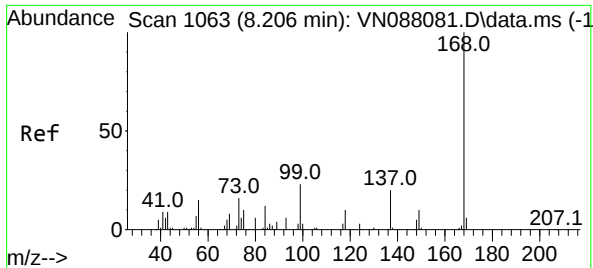
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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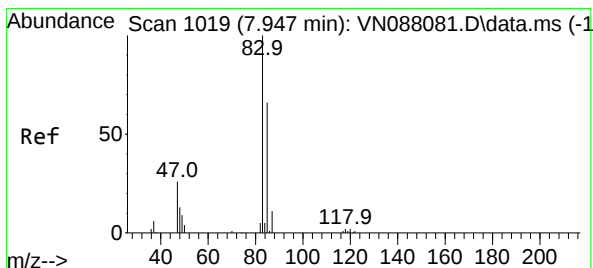
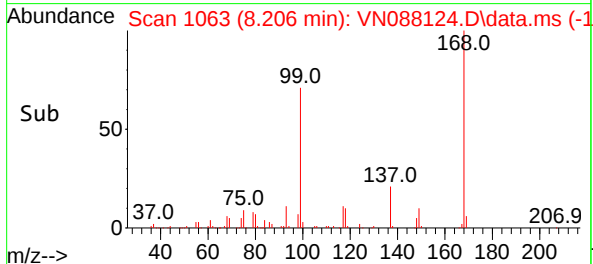
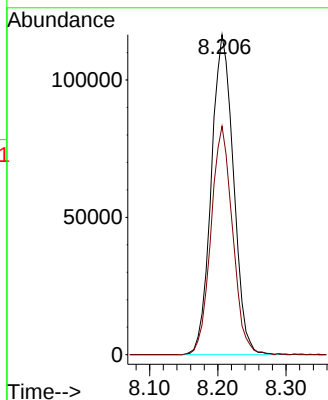
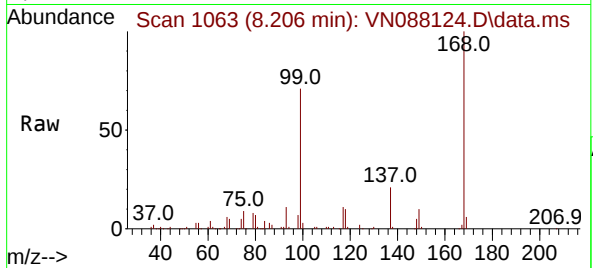




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. 0.000 min
 Lab File: VN088124.D
 Acq: 27 Oct 2025 18:41

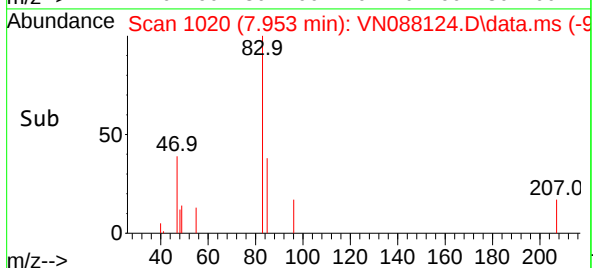
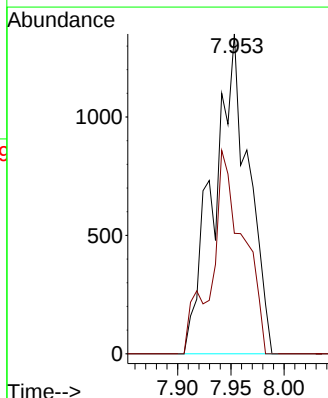
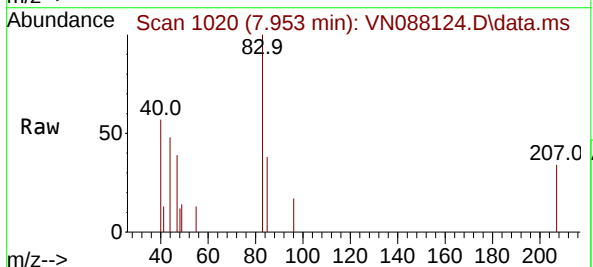
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-11

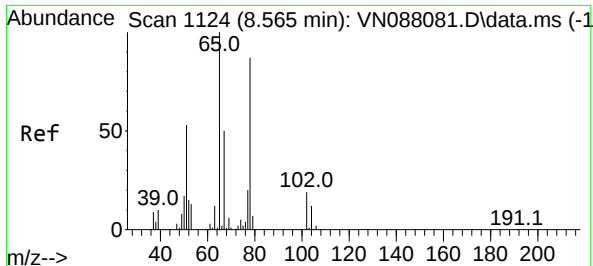
Tgt Ion:168 Resp: 263533
 Ion Ratio Lower Upper
 168 100
 99 71.4 57.2 85.8



#30
 Chloroform
 Concen: 0.457 ug/l
 RT: 7.953 min Scan# 1020
 Delta R.T. 0.006 min
 Lab File: VN088124.D
 Acq: 27 Oct 2025 18:41

Tgt Ion: 83 Resp: 3086
 Ion Ratio Lower Upper
 83 100
 85 37.7 50.7 76.1#





#33

1,2-Dichloroethane-d4

Concen: 52.597 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088124.D

Acq: 27 Oct 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

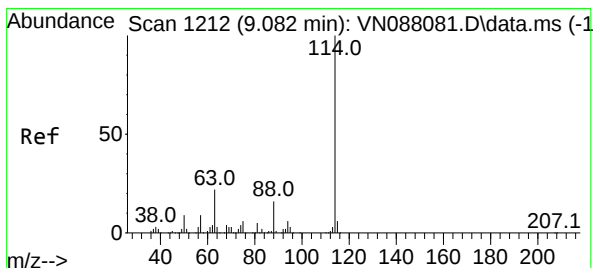
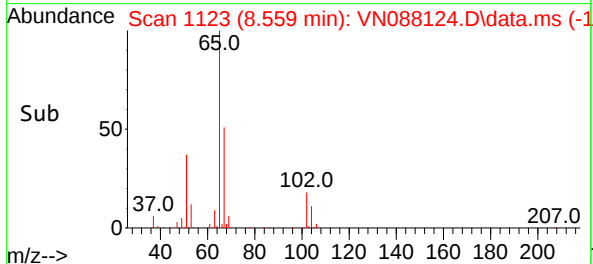
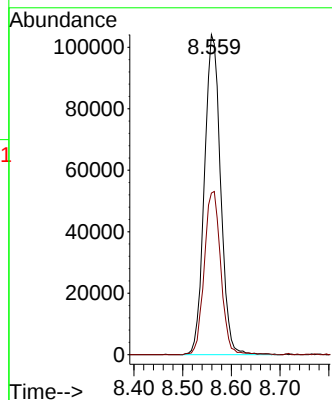
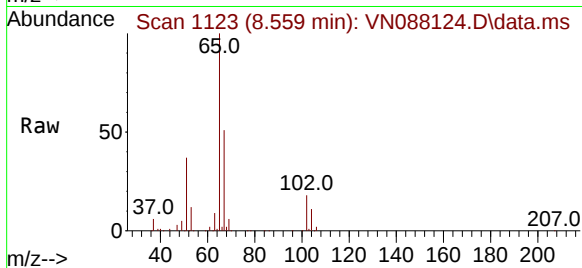
MW-11

Tgt Ion: 65 Resp: 239685

Ion Ratio Lower Upper

65 100

67 52.1 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088124.D

Acq: 27 Oct 2025 18:41

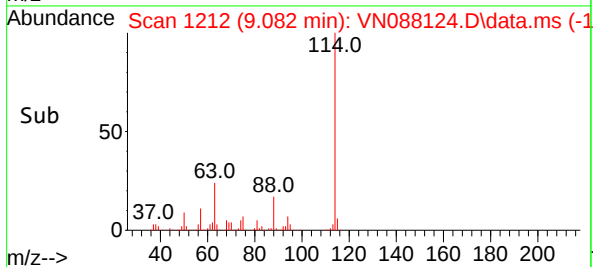
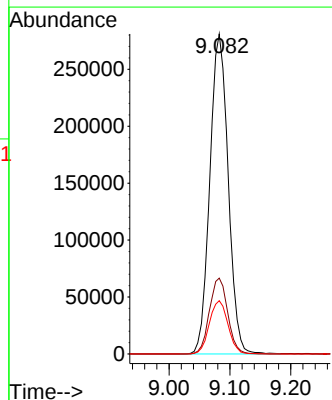
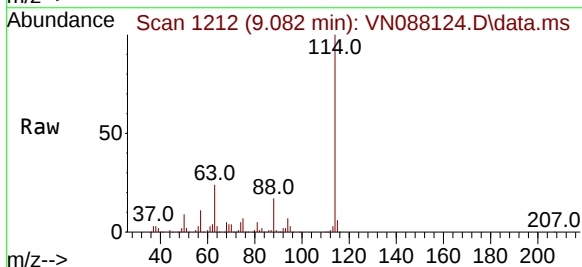
Tgt Ion: 114 Resp: 588016

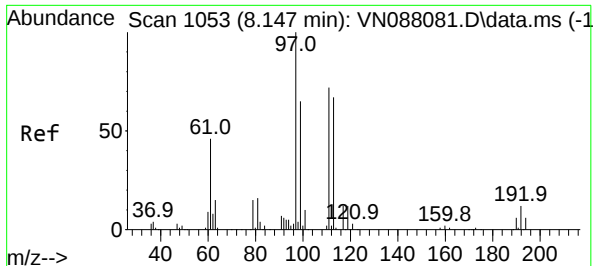
Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.2

88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 45.408 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088124.D

Acq: 27 Oct 2025 18:41

Instrument :

MSVOA_N

ClientSampleId :

MW-11

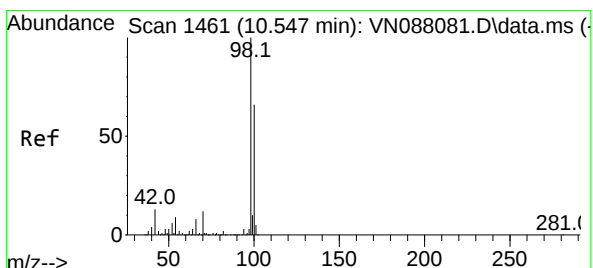
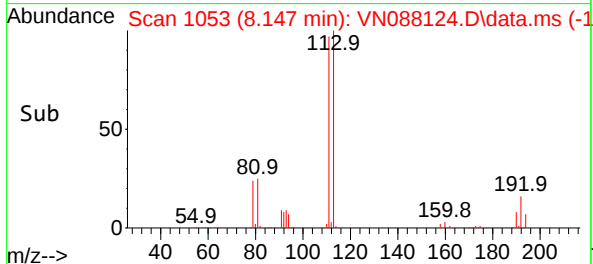
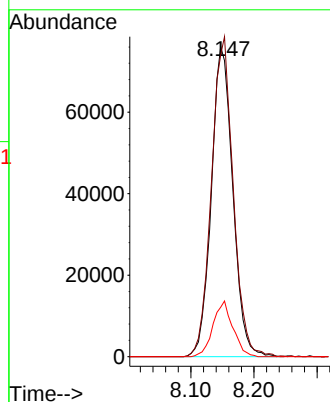
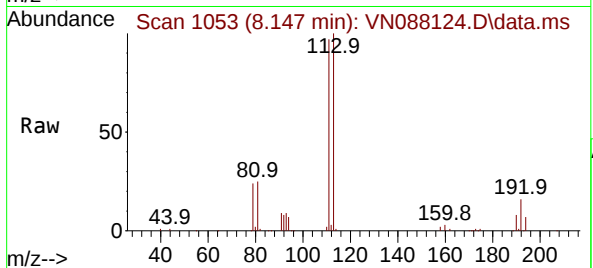
Tgt Ion:113 Resp: 179378

Ion Ratio Lower Upper

113 100

111 104.5 82.8 124.2

192 16.6 12.8 19.2



#50

Toluene-d8

Concen: 44.538 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088124.D

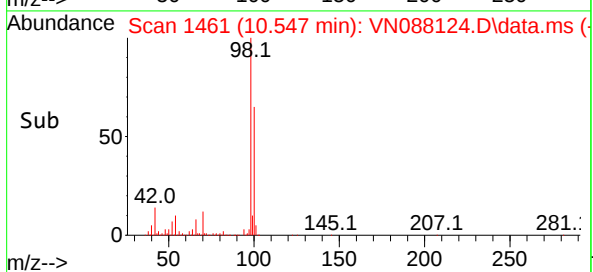
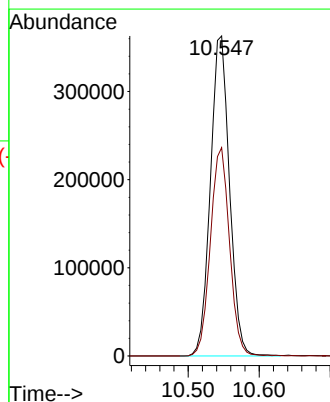
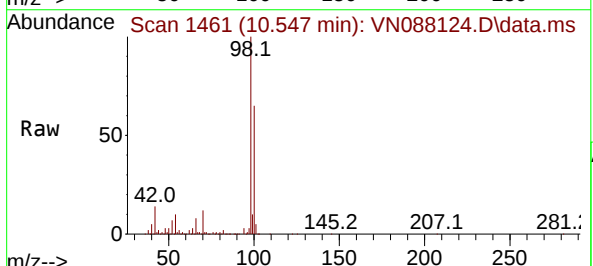
Acq: 27 Oct 2025 18:41

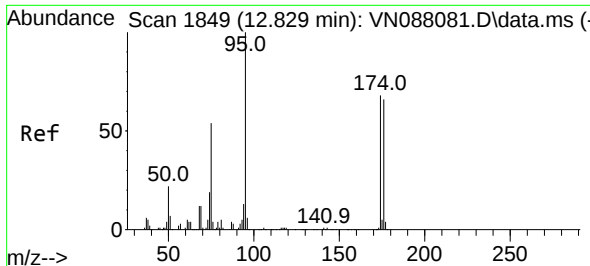
Tgt Ion: 98 Resp: 677929

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2

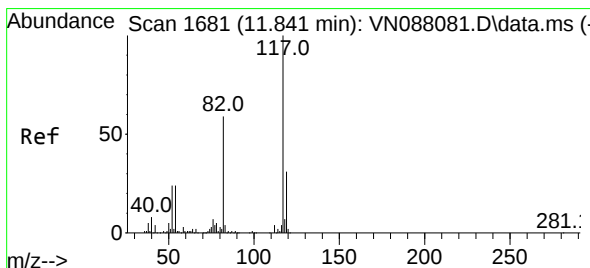
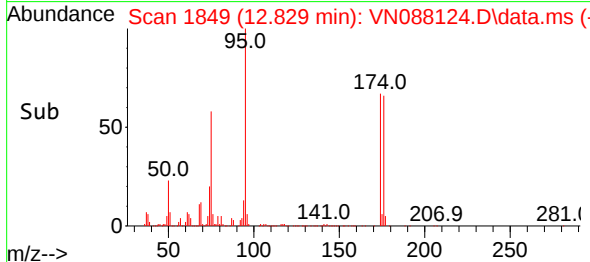
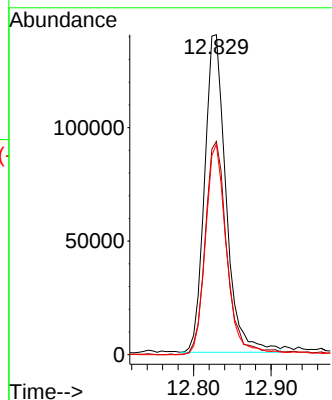
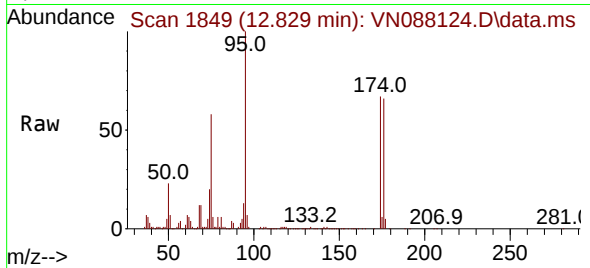




#62
4-Bromofluorobenzene
Concen: 50.075 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088124.D
Acq: 27 Oct 2025 18:41

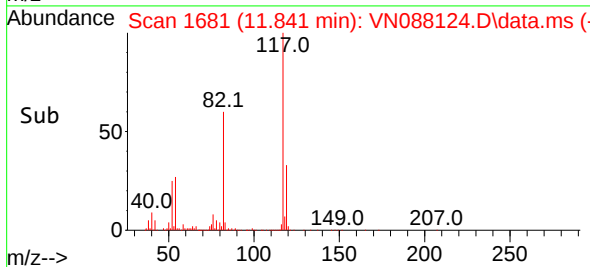
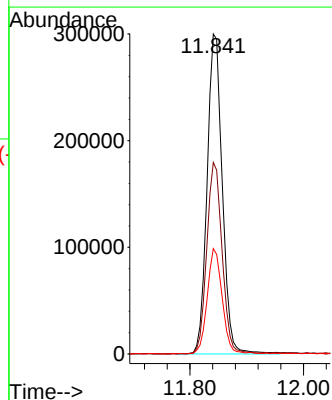
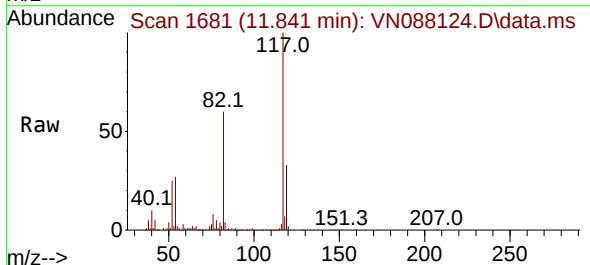
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ClientSampleId :
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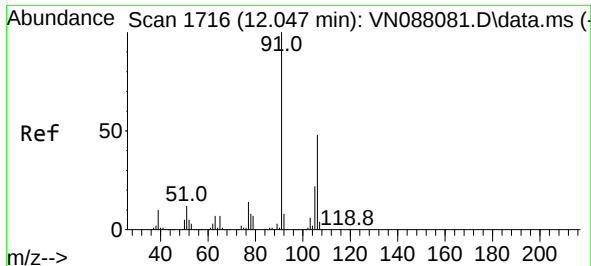
Tgt Ion: 95 Resp: 269183
Ion Ratio Lower Upper
95 100
174 68.1 0.0 138.4
176 65.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088124.D
Acq: 27 Oct 2025 18:41

Tgt Ion: 117 Resp: 556110
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.8 24.3 36.5

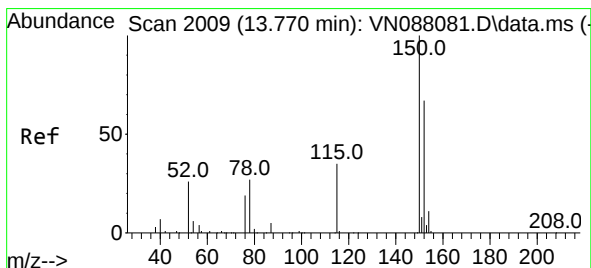
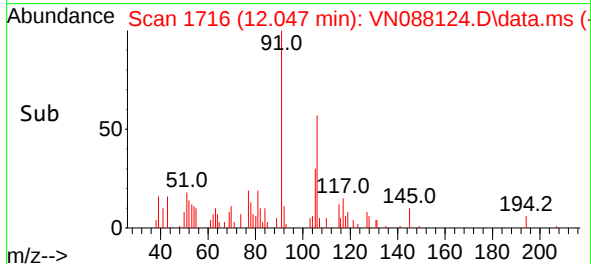
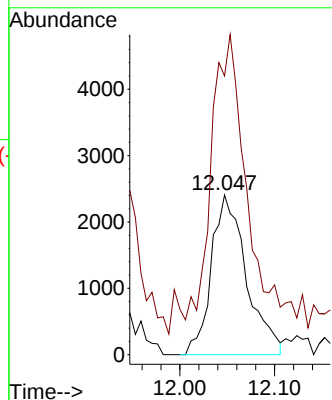
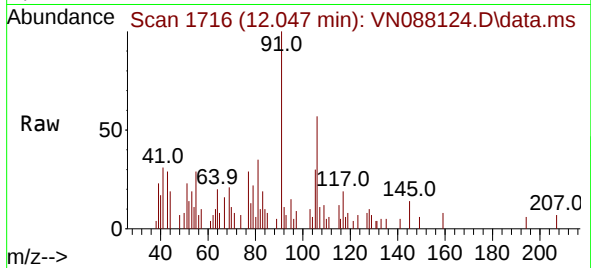




#68
m/p-Xylenes
Concen: 0.746 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088124.D
Acq: 27 Oct 2025 18:41

Instrument :
MSVOA_N
ClientSampleId :
MW-11

Tgt Ion:106 Resp: 6195
Ion Ratio Lower Upper
106 100
91 173.9 169.3 253.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088124.D
Acq: 27 Oct 2025 18:41

Tgt Ion:152 Resp: 269618
Ion Ratio Lower Upper
152 100
115 65.2 32.3 96.8
150 159.2 0.0 351.0

