

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088445.D
 Acq On : 04 Dec 2025 15:06
 Operator : JC\MD
 Sample : Q3756-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-01-190-120225

Quant Time: Dec 05 00:16:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

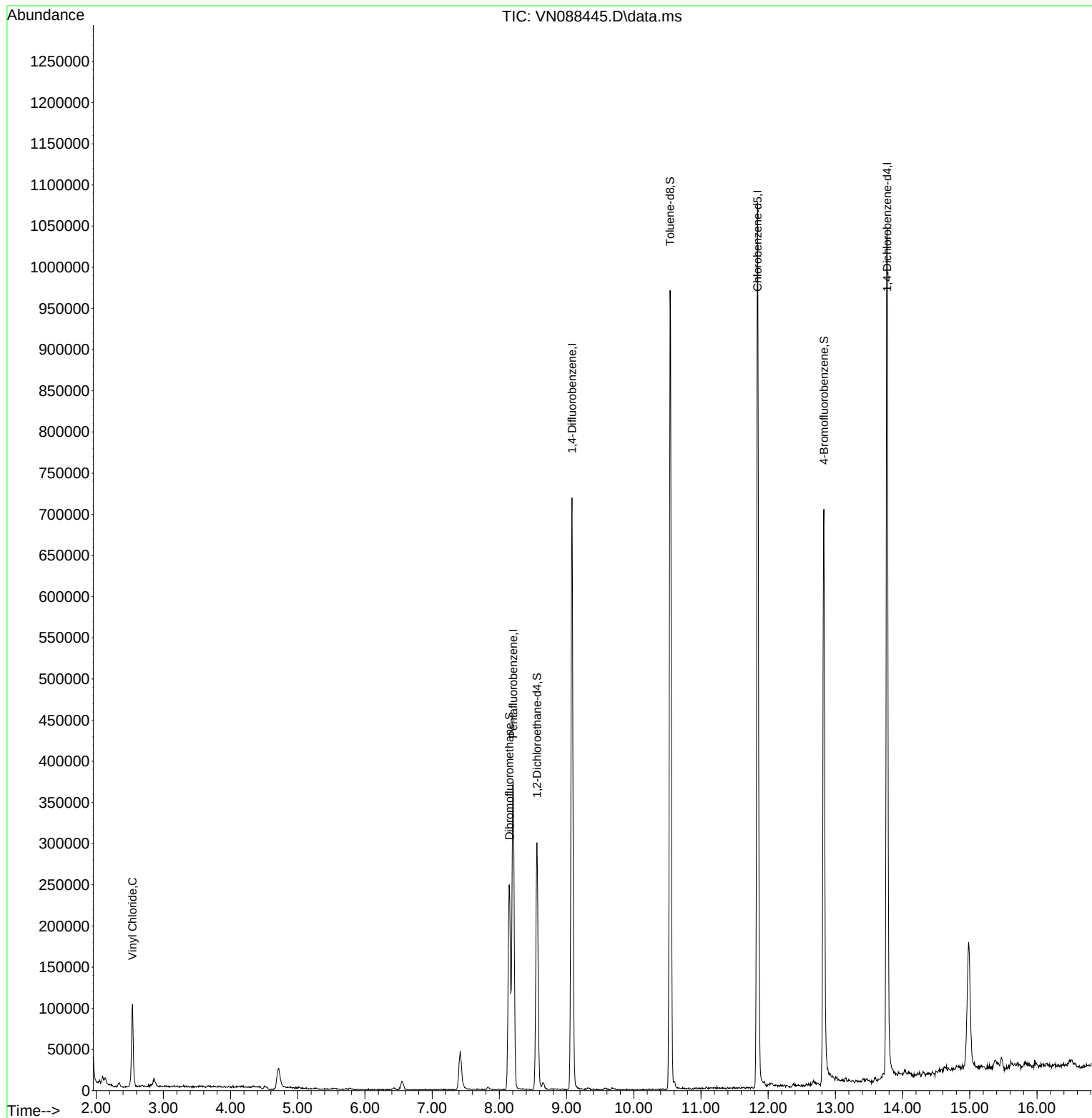
Internal Standards						
1) Pentafluorobenzene	8.206	168	246275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	564051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	564375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	278056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	260534	56.158	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.320%
35) Dibromofluoromethane	8.147	113	179677	45.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	10.541	98	640125	44.013	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.020%
62) 4-Bromofluorobenzene	12.829	95	263053	52.713	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.420%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.542	62	102480	25.356	ug/l	99

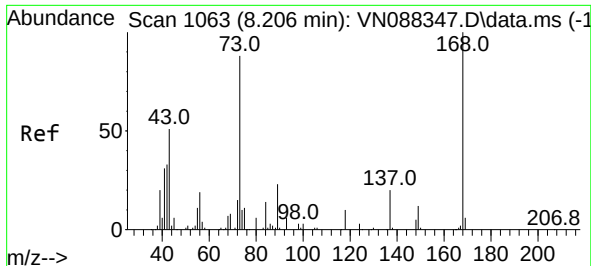
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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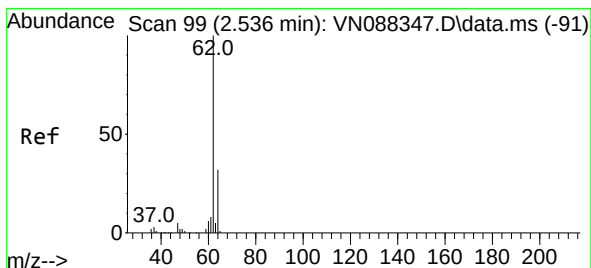
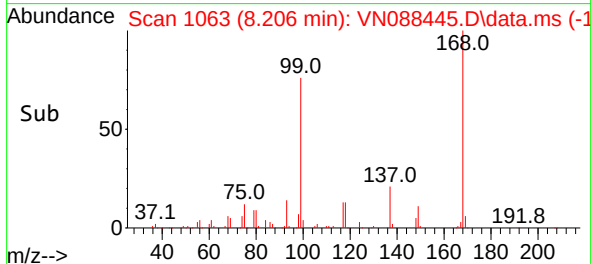
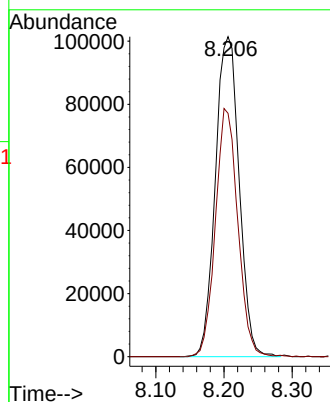
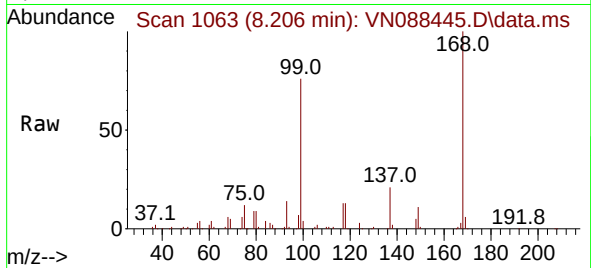




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088445.D
Acq: 04 Dec 2025 15:06

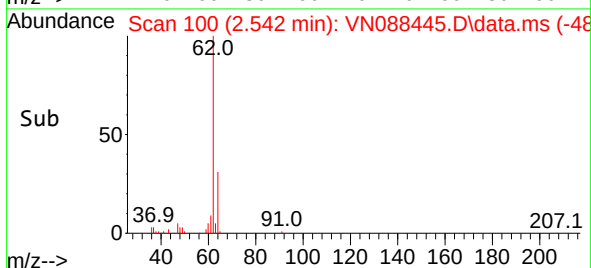
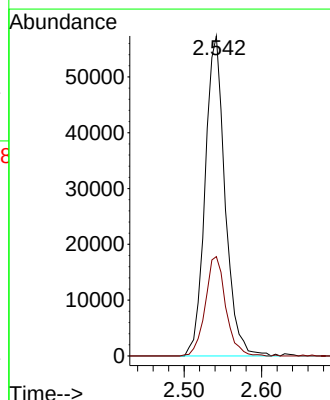
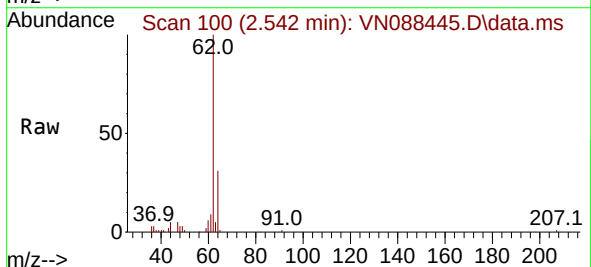
Instrument :
MSVOA_N
ClientSampleId :
BR-01-190-120225

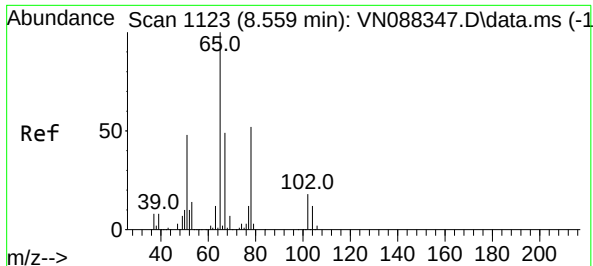
Tgt Ion:168 Resp: 246275
Ion Ratio Lower Upper
168 100
99 76.1 57.1 85.7



#4
Vinyl Chloride
Concen: 25.356 ug/l
RT: 2.542 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN088445.D
Acq: 04 Dec 2025 15:06

Tgt Ion: 62 Resp: 102480
Ion Ratio Lower Upper
62 100
64 31.0 25.4 38.2





#33

1,2-Dichloroethane-d4

Concen: 56.158 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088445.D

Acq: 04 Dec 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

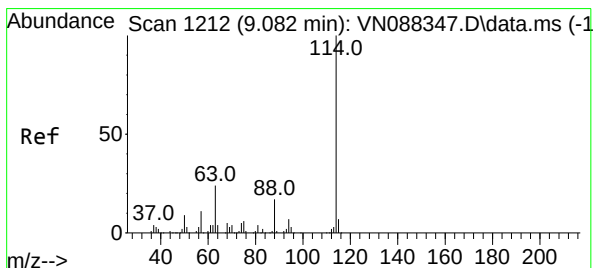
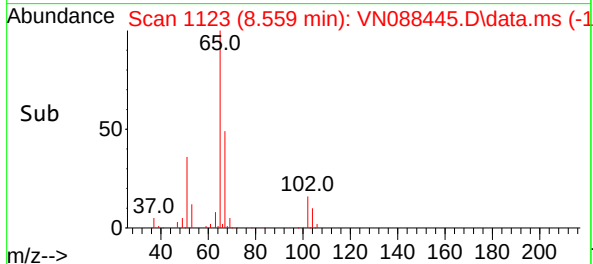
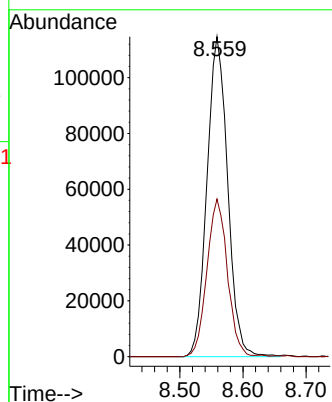
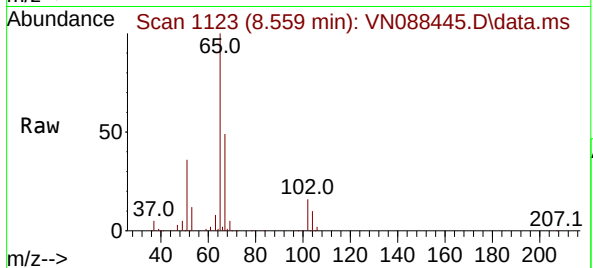
BR-01-190-120225

Tgt Ion: 65 Resp: 260534

Ion Ratio Lower Upper

65 100

67 48.8 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088445.D

Acq: 04 Dec 2025 15:06

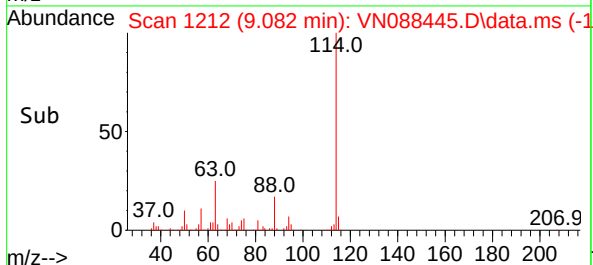
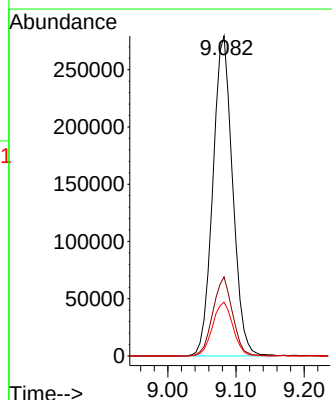
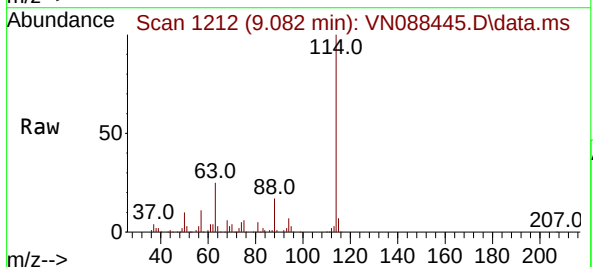
Tgt Ion: 114 Resp: 564051

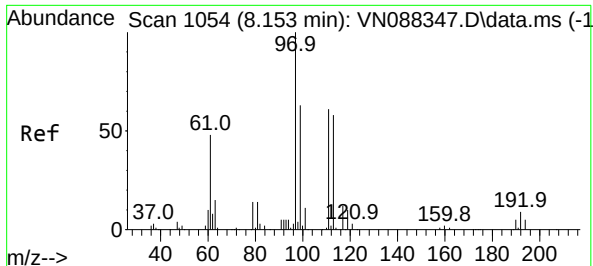
Ion Ratio Lower Upper

114 100

63 24.7 0.0 49.0

88 16.8 0.0 34.0





#35

Dibromofluoromethane

Concen: 45.967 ug/l

RT: 8.147 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088445.D

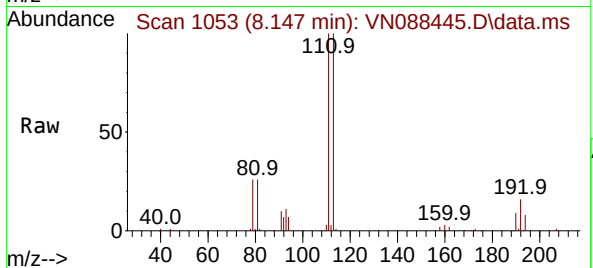
Acq: 04 Dec 2025 15:06

Instrument :

MSVOA_N

ClientSampleId :

BR-01-190-120225



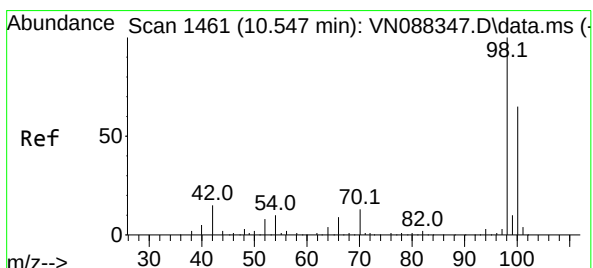
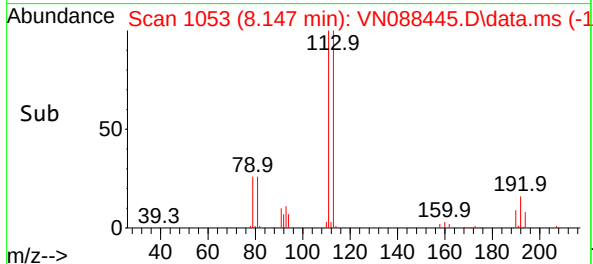
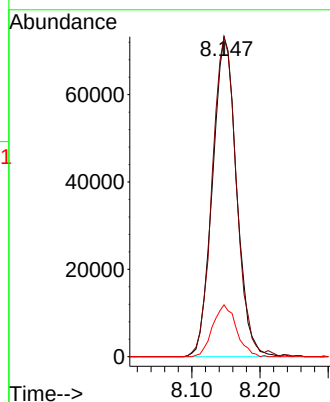
Tgt Ion:113 Resp: 179677

Ion Ratio Lower Upper

113 100

111 100.9 82.5 123.7

192 16.1 12.8 19.2



#50

Toluene-d8

Concen: 44.013 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088445.D

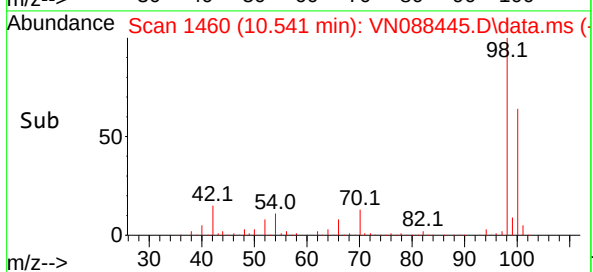
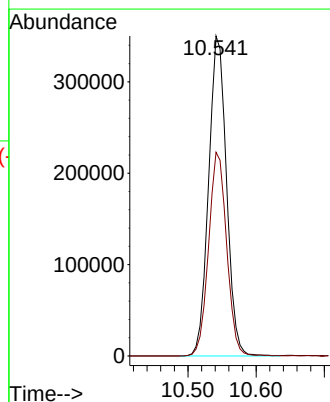
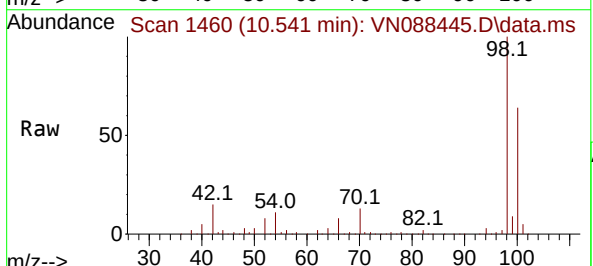
Acq: 04 Dec 2025 15:06

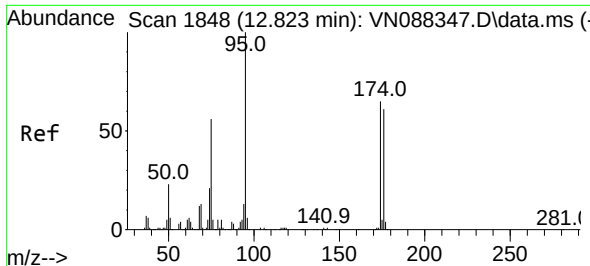
Tgt Ion: 98 Resp: 640125

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2

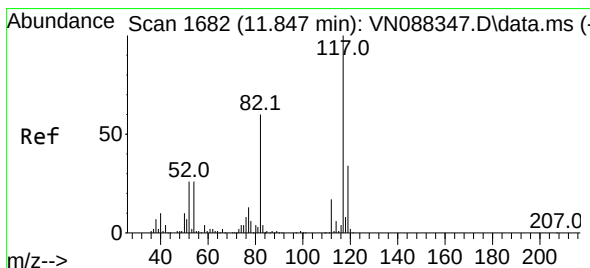
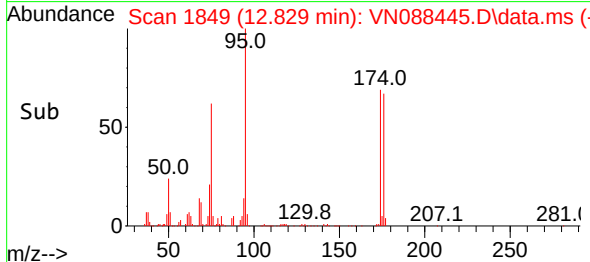
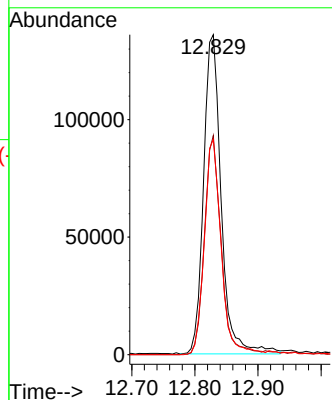
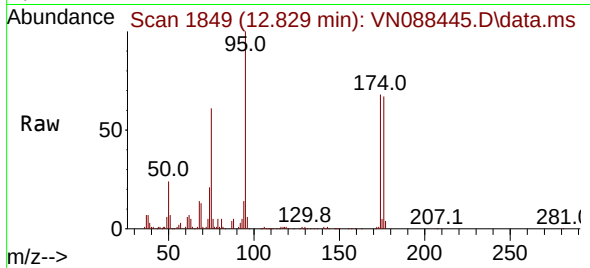




#62
4-Bromofluorobenzene
Concen: 52.713 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088445.D
Acq: 04 Dec 2025 15:06

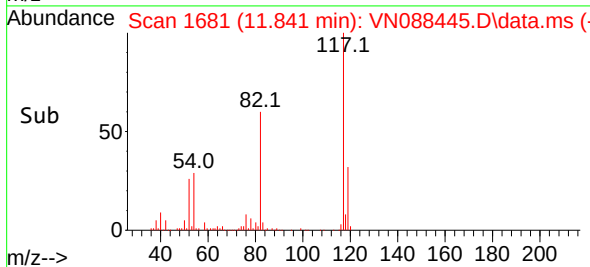
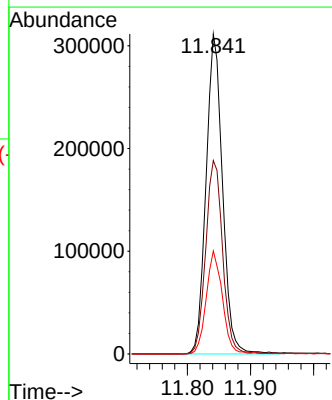
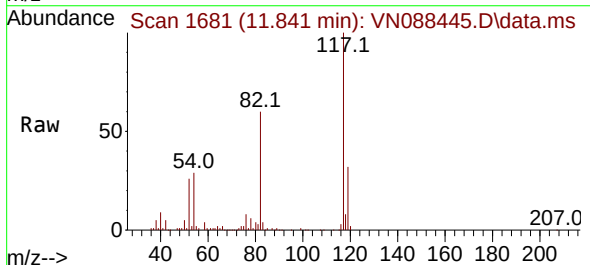
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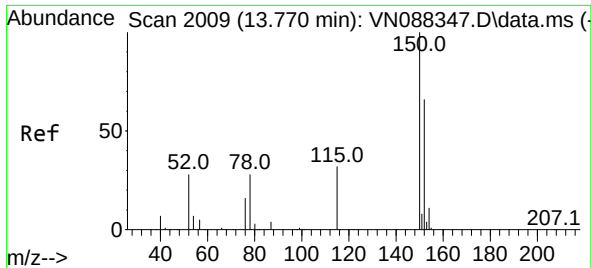
Tgt Ion: 95 Resp: 263053
Ion Ratio Lower Upper
95 100
174 64.8 0.0 139.0
176 64.3 0.0 132.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088445.D
Acq: 04 Dec 2025 15:06

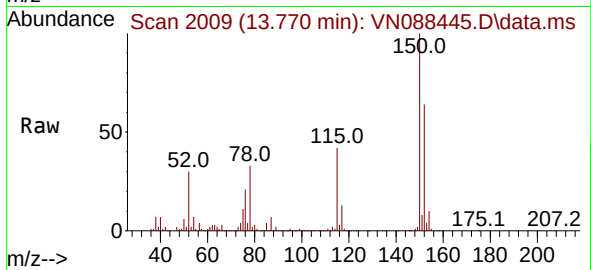
Tgt Ion: 117 Resp: 564375
Ion Ratio Lower Upper
117 100
82 60.4 47.8 71.8
119 32.2 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN088445.D
 Acq: 04 Dec 2025 15:06

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 278056
 Ion Ratio Lower Upper
 152 100
 115 65.0 33.0 98.9
 150 156.8 0.0 349.0

