

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088110.D
 Acq On : 27 Oct 2025 13:52
 Operator : JC\MD
 Sample : PB170240TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB170240TB

Quant Time: Oct 28 01:26:41 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)

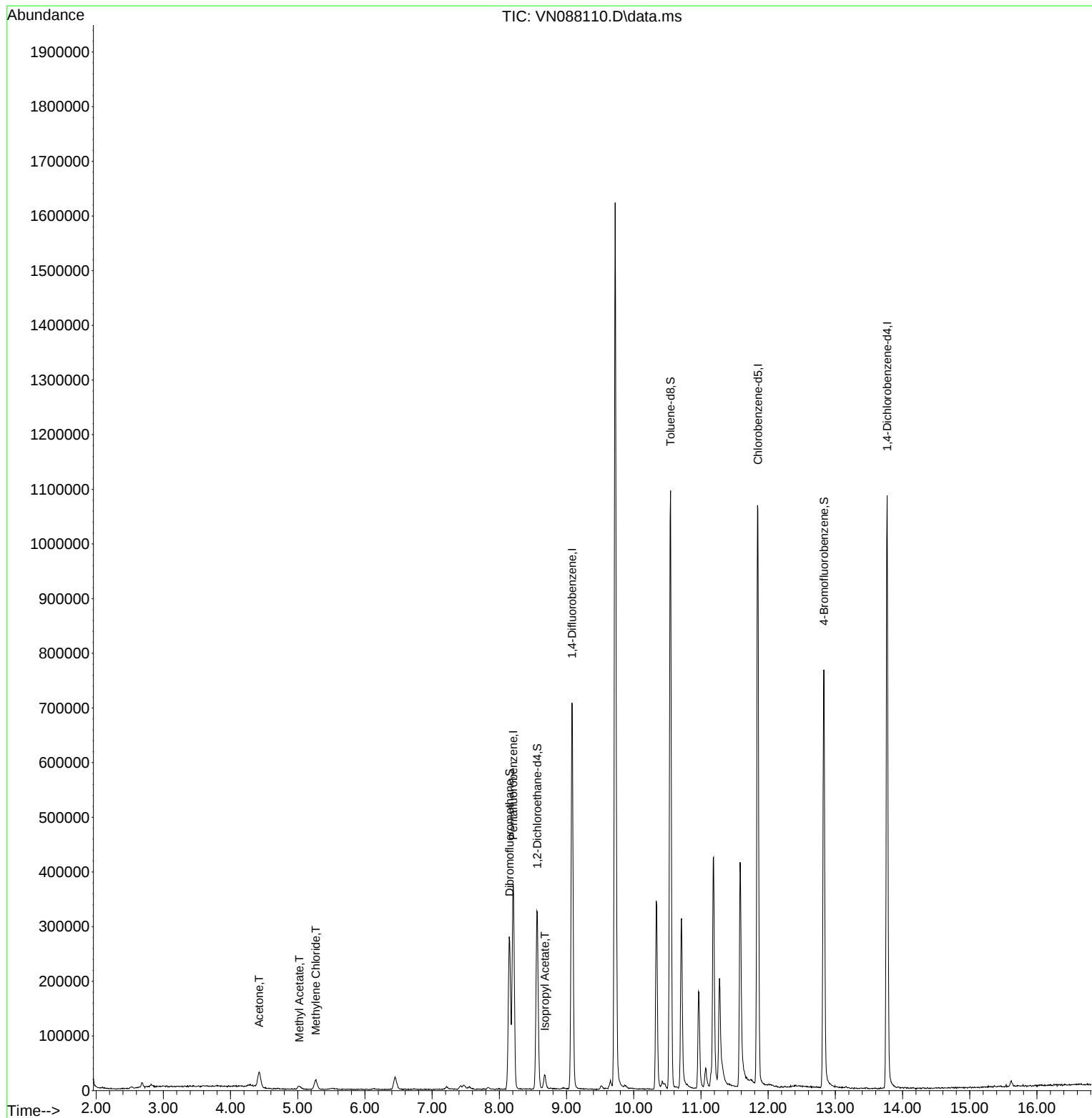
Internal Standards						
1) Pentafluorobenzene	8.206	168	251095	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	576579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	577110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	282700	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	274961	63.326	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 126.660%#	
35) Dibromofluoromethane	8.153	113	200932	51.874	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.740%	
50) Toluene-d8	10.547	98	720701	48.288	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.580%	
62) 4-Bromofluorobenzene	12.829	95	286523	54.358	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.720%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	60585	27.774	ug/l	100
18) Methyl Acetate	5.024	43	13477	3.018	ug/l #	78
20) Methylene Chloride	5.271	84	12539	4.409	ug/l	92
43) Isopropyl Acetate	8.677	43	31968	2.850	ug/l	93

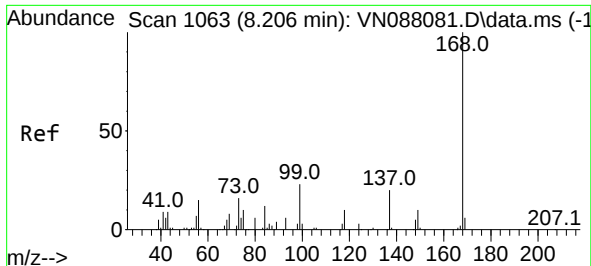
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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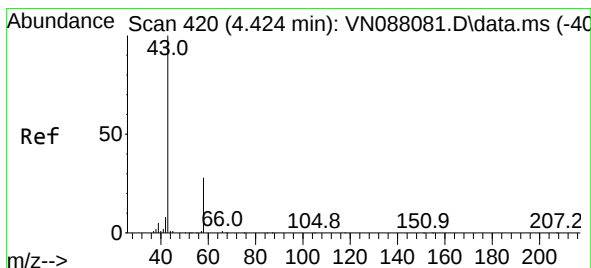
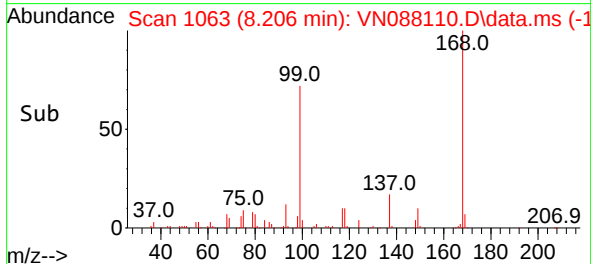
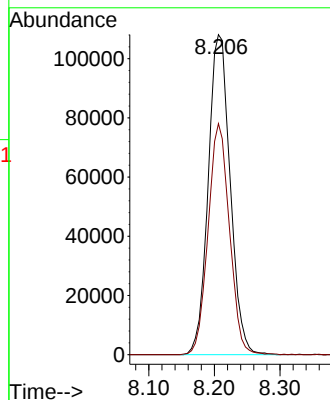
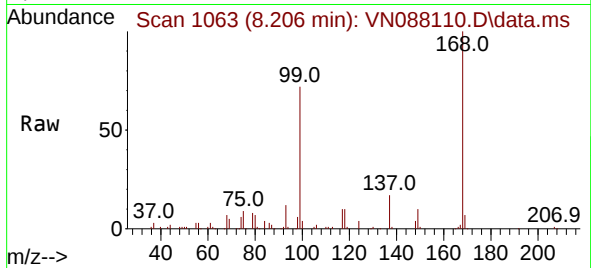




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

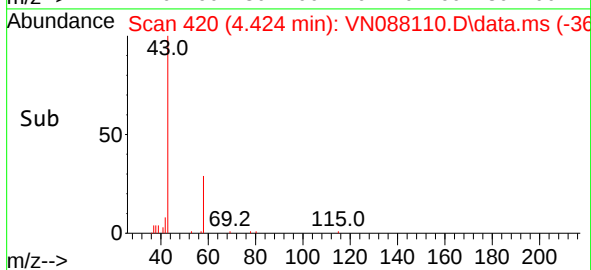
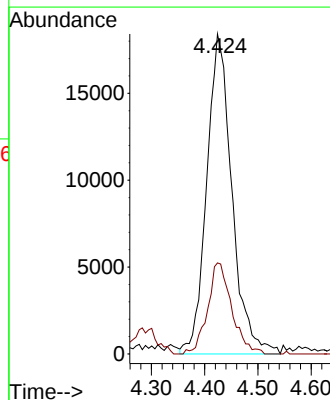
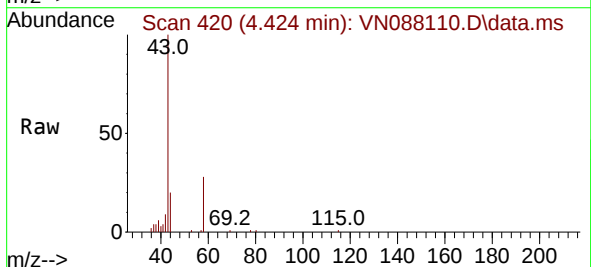
Instrument :
MSVOA_N
ClientSampleId :
PB170240TB

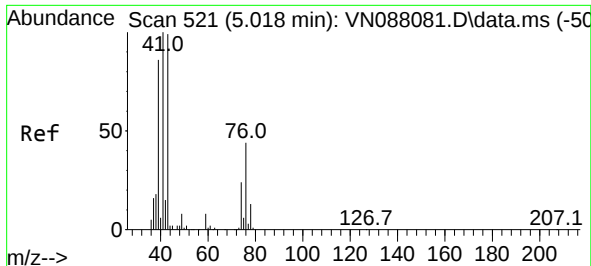
Tgt Ion:168 Resp: 251095
Ion Ratio Lower Upper
168 100
99 72.2 57.2 85.8



#16
Acetone
Concen: 27.774 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

Tgt Ion: 43 Resp: 60585
Ion Ratio Lower Upper
43 100
58 28.5 22.6 33.8

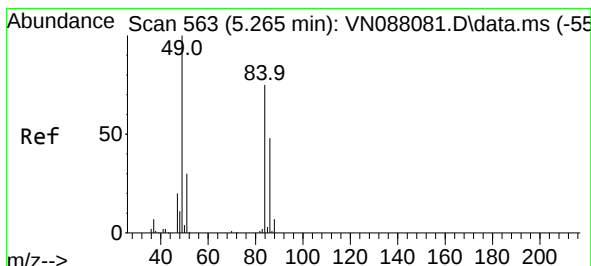
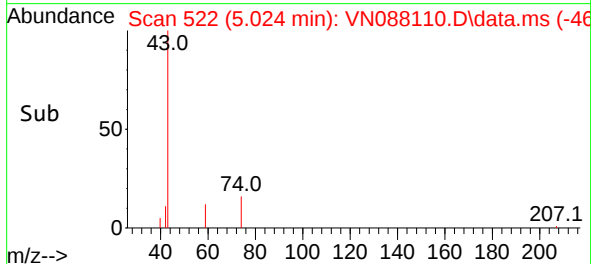
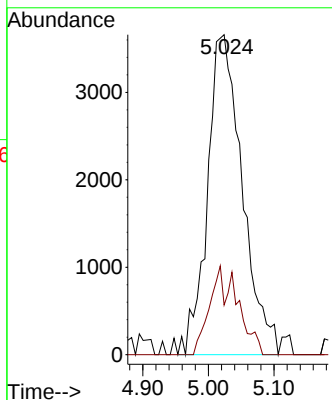
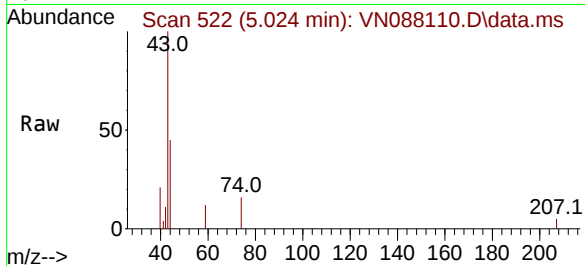




#18
Methyl Acetate
Concen: 3.018 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

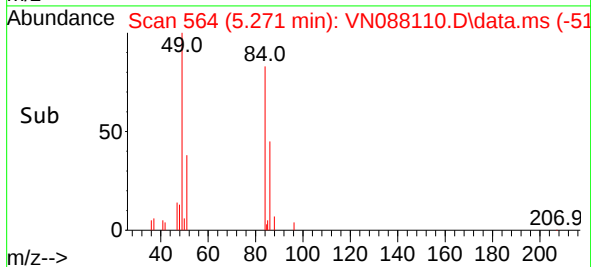
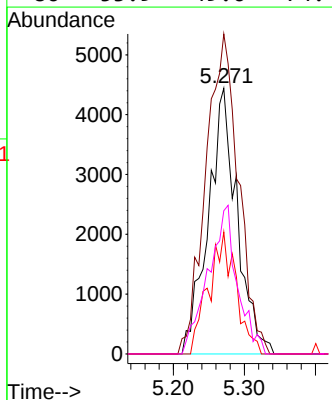
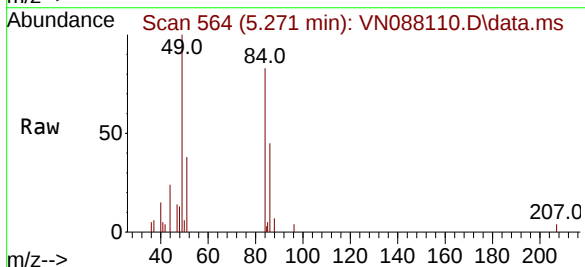
Instrument :
MSVOA_N
ClientSampleId :
PB170240TB

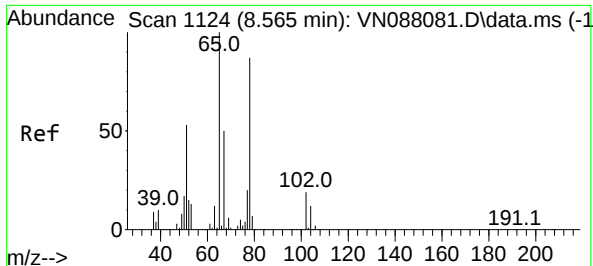
Tgt Ion: 43 Resp: 13477
Ion Ratio Lower Upper
43 100
74 11.6 17.6 26.4#



#20
Methylene Chloride
Concen: 4.409 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

Tgt Ion: 84 Resp: 12539
Ion Ratio Lower Upper
84 100
49 120.5 103.4 155.2
51 45.9 33.8 50.8
86 53.9 49.6 74.4





#33

1,2-Dichloroethane-d4

Concen: 63.326 ug/l

RT: 8.565 min Scan# 1124

Delta R.T. 0.006 min

Lab File: VN088110.D

Acq: 27 Oct 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

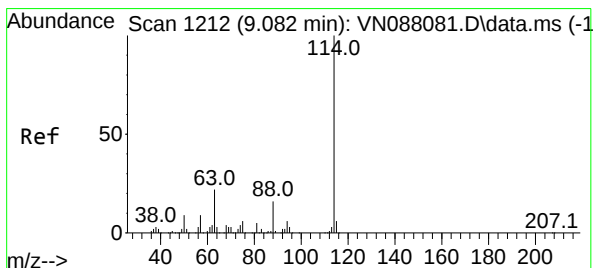
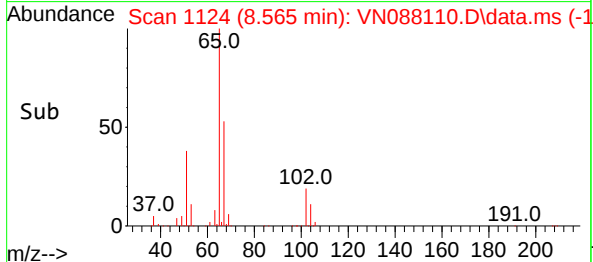
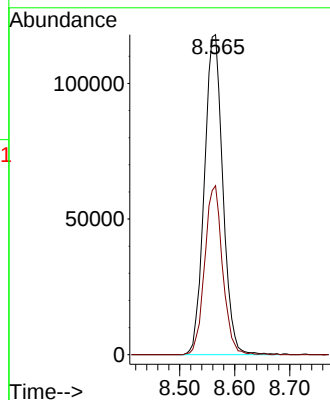
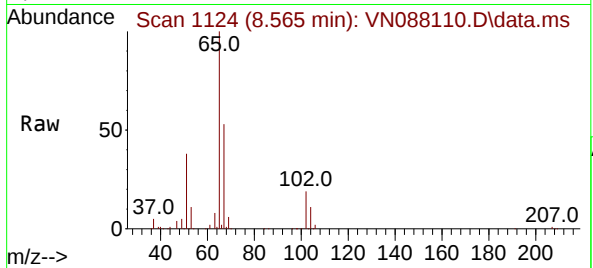
PB170240TB

Tgt Ion: 65 Resp: 274961

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN088110.D

Acq: 27 Oct 2025 13:52

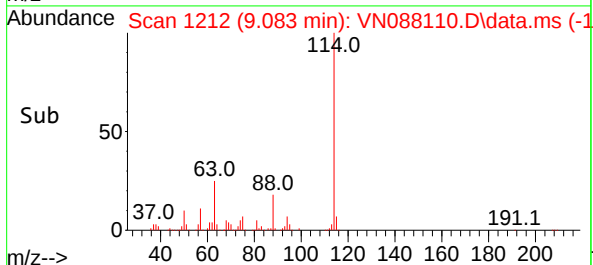
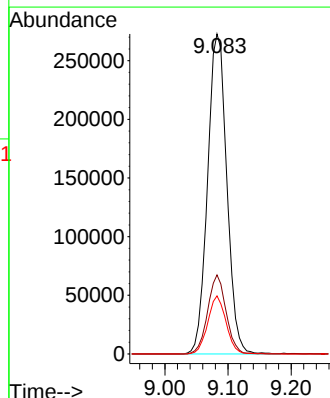
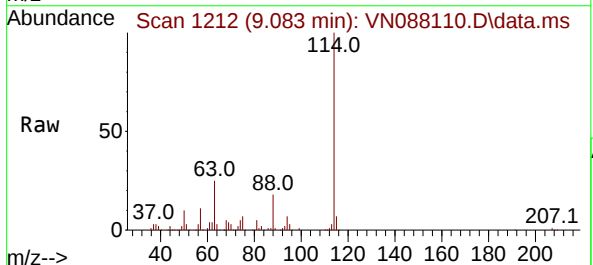
Tgt Ion: 114 Resp: 576579

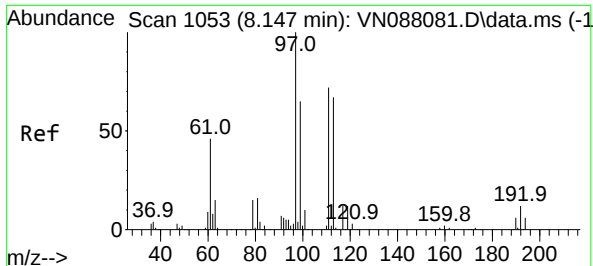
Ion Ratio Lower Upper

114 100

63 24.7 0.0 45.2

88 18.2 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.874 ug/l

RT: 8.153 min Scan# 110

Delta R.T. 0.000 min

Lab File: VN088110.D

Acq: 27 Oct 2025 13:52

Instrument :

MSVOA_N

ClientSampleId :

PB170240TB

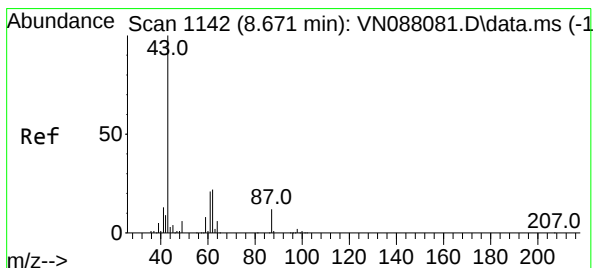
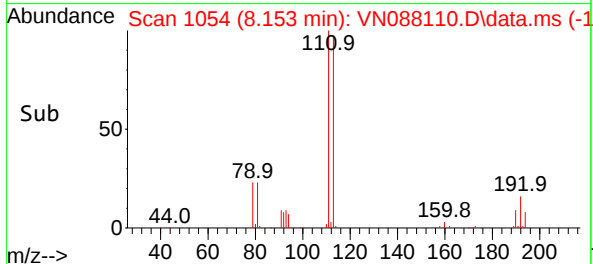
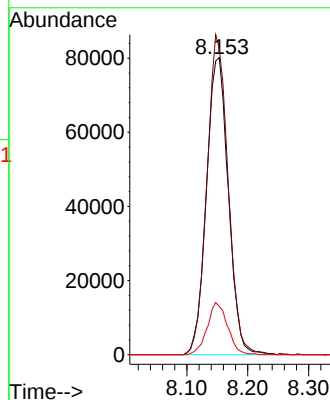
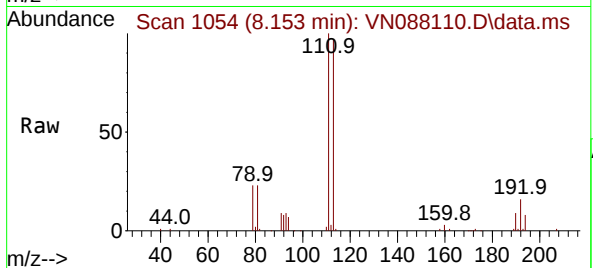
Tgt Ion:113 Resp: 200932

Ion Ratio Lower Upper

113 100

111 103.6 82.8 124.2

192 16.3 12.8 19.2



#43

Isopropyl Acetate

Concen: 2.850 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. 0.006 min

Lab File: VN088110.D

Acq: 27 Oct 2025 13:52

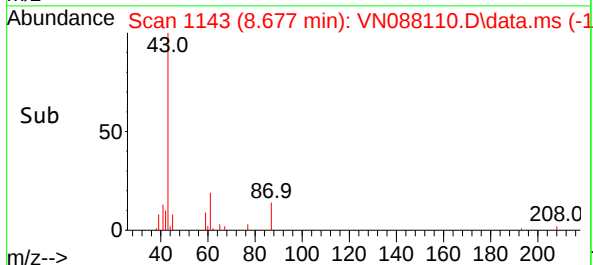
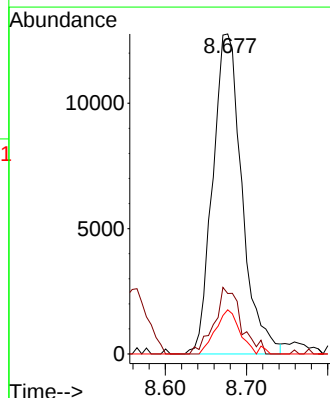
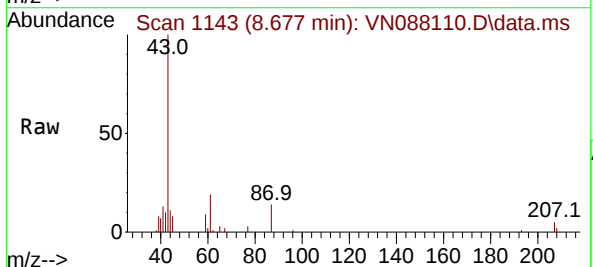
Tgt Ion: 43 Resp: 31968

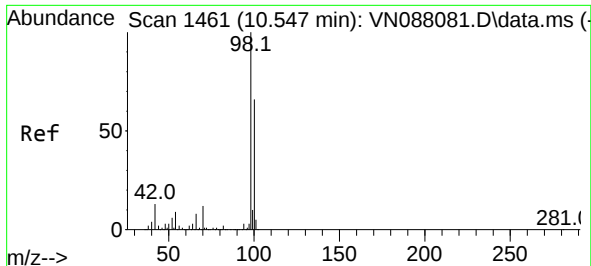
Ion Ratio Lower Upper

43 100

61 19.0 18.8 28.2

87 11.2 9.6 14.4

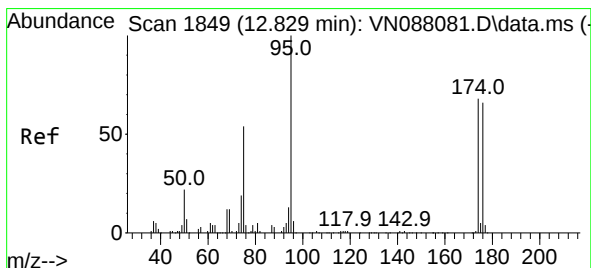
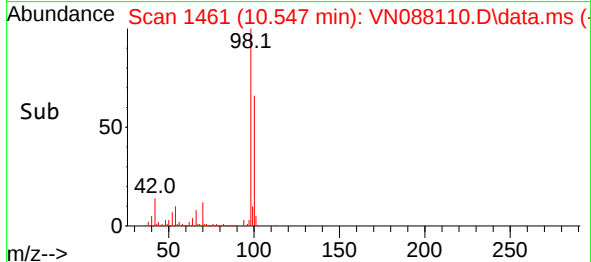
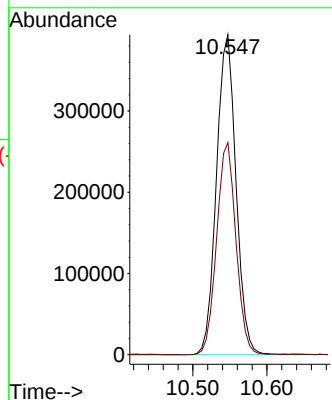
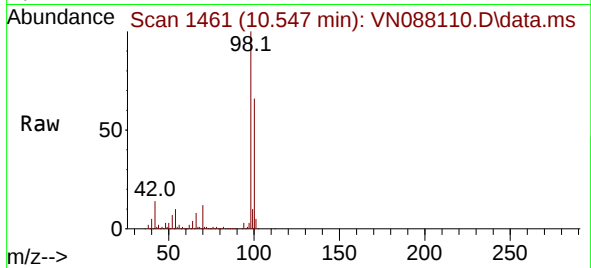




#50
Toluene-d8
Concen: 48.288 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

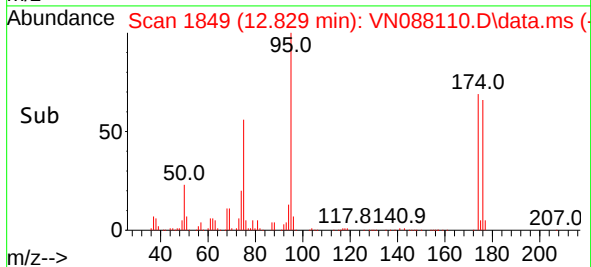
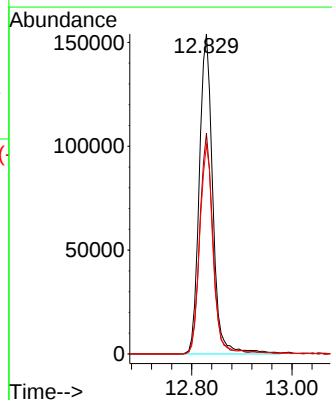
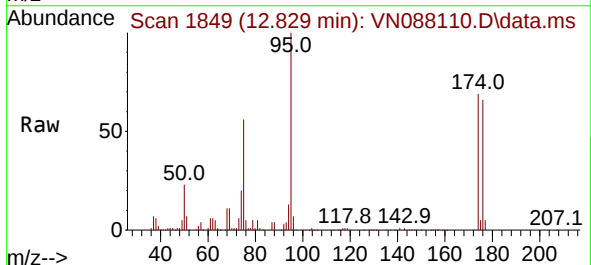
Instrument :
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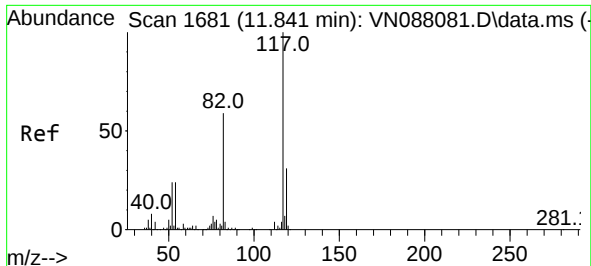
Tgt Ion: 98 Resp: 720701
Ion Ratio Lower Upper
98 100
100 65.6 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 54.358 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

Tgt Ion: 95 Resp: 286523
Ion Ratio Lower Upper
95 100
174 67.4 0.0 138.4
176 66.0 0.0 132.6

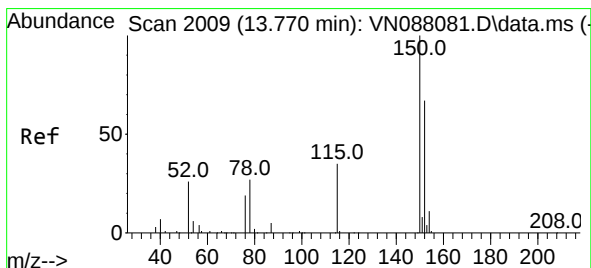
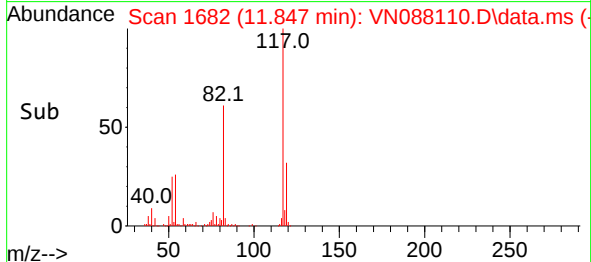
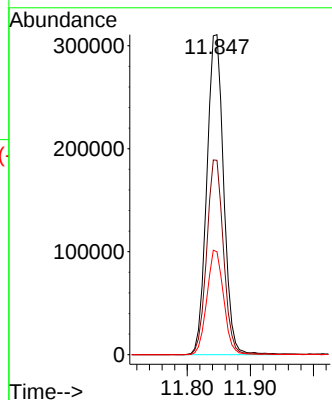
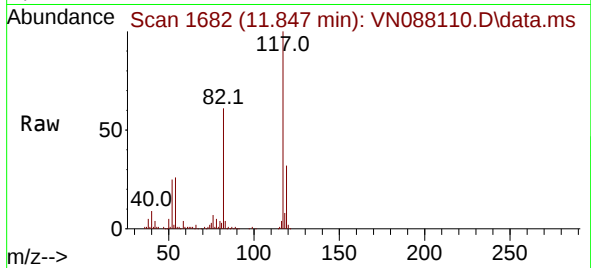




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
PB170240TB

Tgt Ion:117 Resp: 577110
Ion Ratio Lower Upper
117 100
82 60.8 47.4 71.2
119 32.2 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088110.D
Acq: 27 Oct 2025 13:52

Tgt Ion:152 Resp: 282700
Ion Ratio Lower Upper
152 100
115 64.9 32.3 96.8
150 155.7 0.0 351.0

