

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081425\
 Data File : VN087564.D
 Acq On : 14 Aug 2025 14:36
 Operator : JC\MD
 Sample : Q2838-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10

Quant Time: Aug 14 15:25:17 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

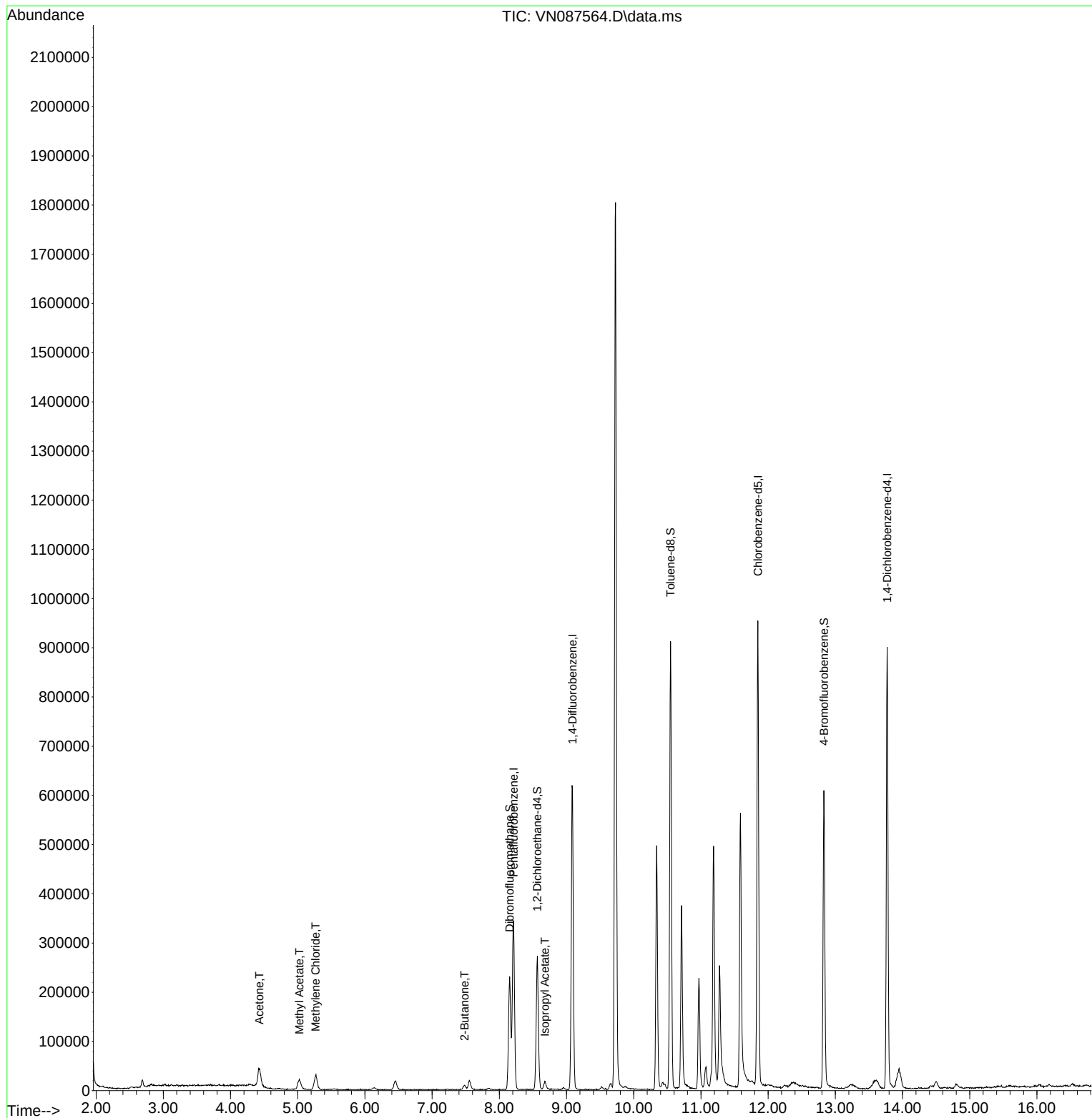
Internal Standards						
1) Pentafluorobenzene	8.212	168	221780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	507374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	489299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	222149	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	222922	59.238	ug/l	0.00
Spiked Amount 50.000	Range	74 - 125	Recovery	=	118.480%	
35) Dibromofluoromethane	8.153	113	158852	45.388	ug/l	0.00
Spiked Amount 50.000	Range	75 - 124	Recovery	=	90.780%	
50) Toluene-d8	10.547	98	591168	47.352	ug/l	0.00
Spiked Amount 50.000	Range	86 - 113	Recovery	=	94.700%	
62) 4-Bromofluorobenzene	12.829	95	215954	46.820	ug/l	0.00
Spiked Amount 50.000	Range	77 - 121	Recovery	=	93.640%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	70209	39.791	ug/l	99
18) Methyl Acetate	5.024	43	43270	9.761	ug/l	96
20) Methylene Chloride	5.265	84	20262	6.233	ug/l	94
25) 2-Butanone	7.483	43	15307	5.615	ug/l	98
43) Isopropyl Acetate	8.677	43	19789	1.909	ug/l #	91

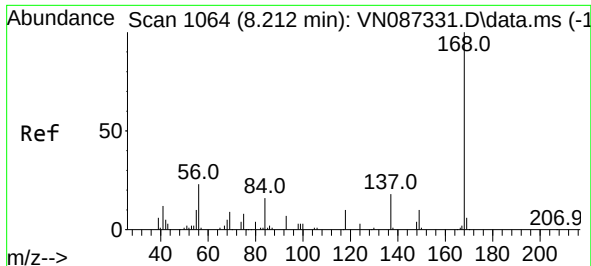
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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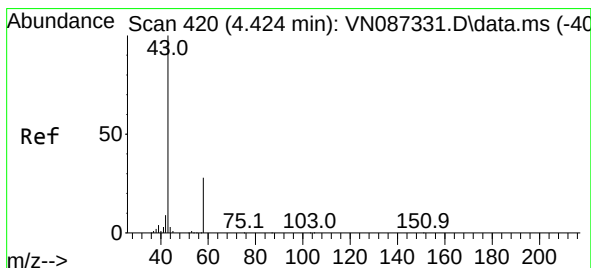
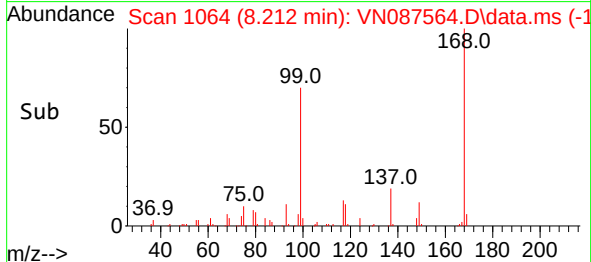
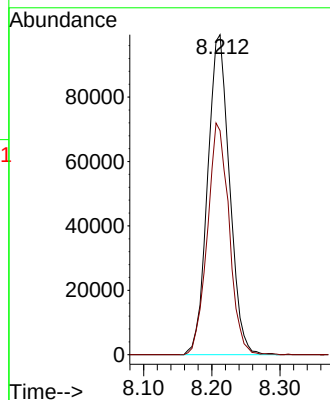
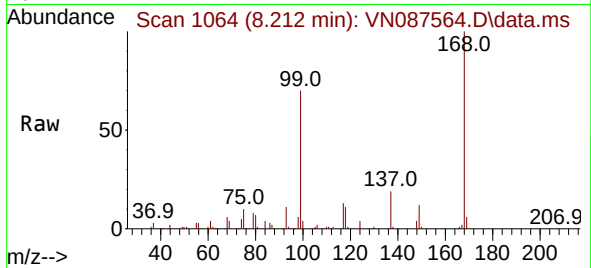




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

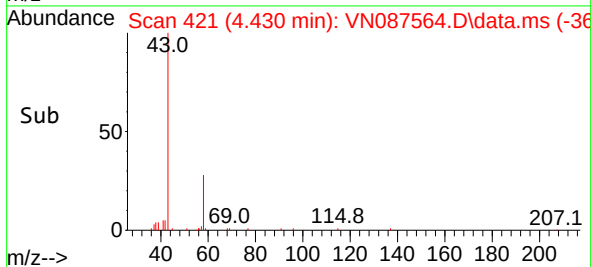
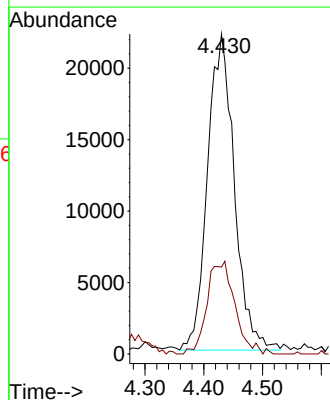
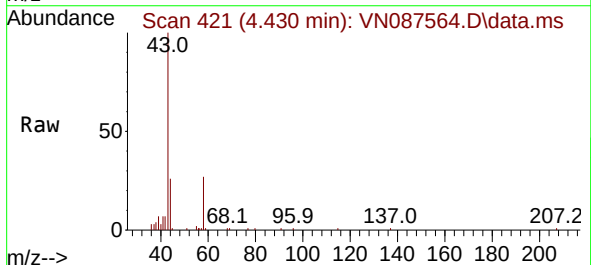
Instrument :
MSVOA_N
ClientSampleId :
TP-10

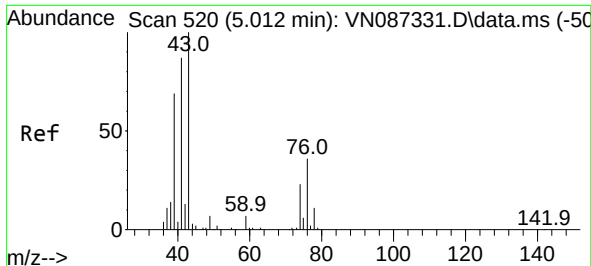
Tgt Ion:168 Resp: 221780
Ion Ratio Lower Upper
168 100
99 70.0 47.9 71.9



#16
Acetone
Concen: 39.791 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

Tgt Ion: 43 Resp: 70209
Ion Ratio Lower Upper
43 100
58 27.5 22.3 33.5

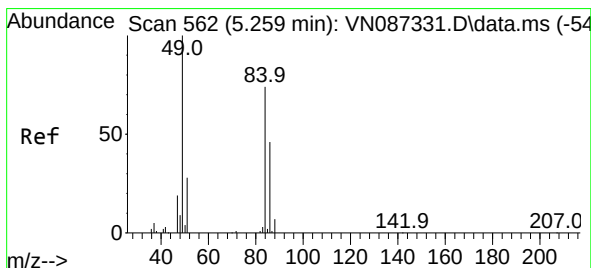
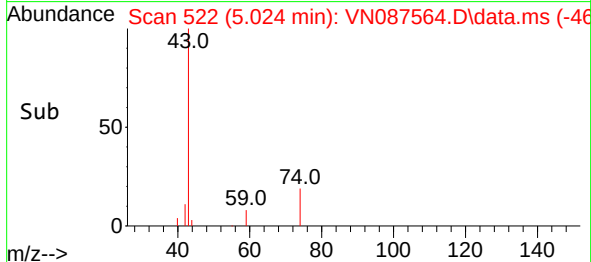
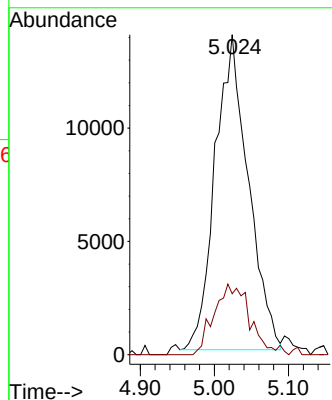
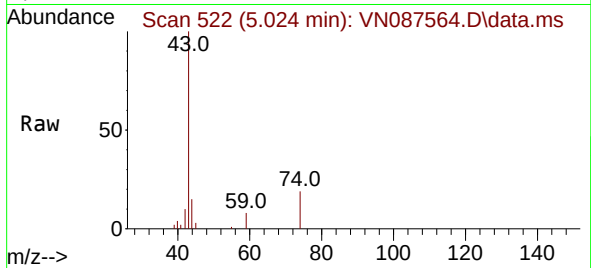




#18
Methyl Acetate
Concen: 9.761 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

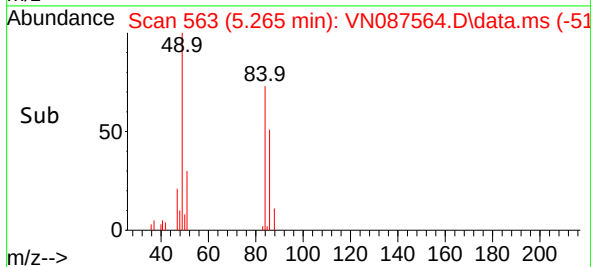
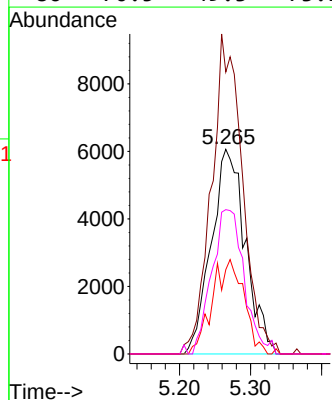
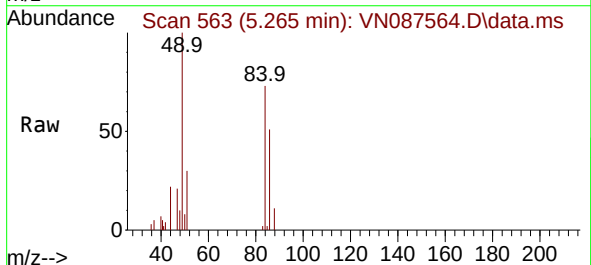
Instrument :
MSVOA_N
ClientSampleId :
TP-10

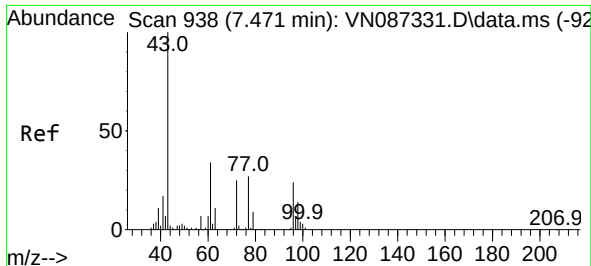
Tgt Ion: 43 Resp: 43270
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.6



#20
Methylene Chloride
Concen: 6.233 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

Tgt Ion: 84 Resp: 20262
Ion Ratio Lower Upper
84 100
49 137.7 107.5 161.3
51 41.2 30.2 45.2
86 70.5 49.3 73.9

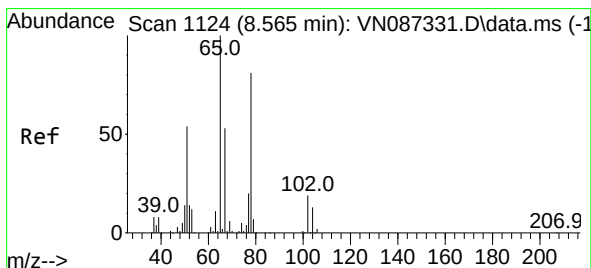
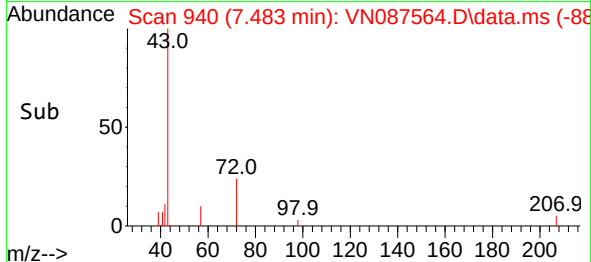
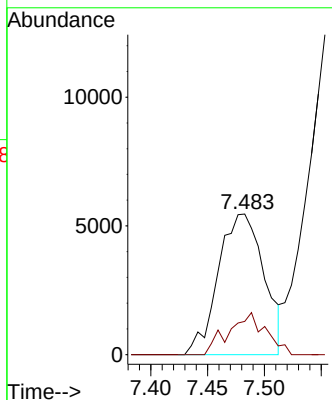
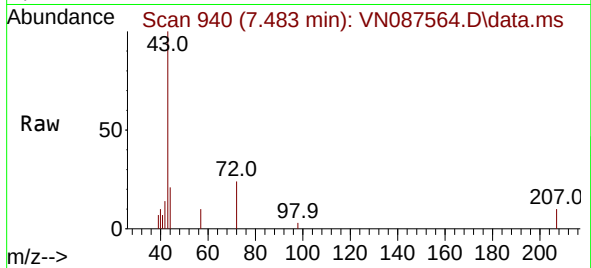




#25
2-Butanone
Concen: 5.615 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

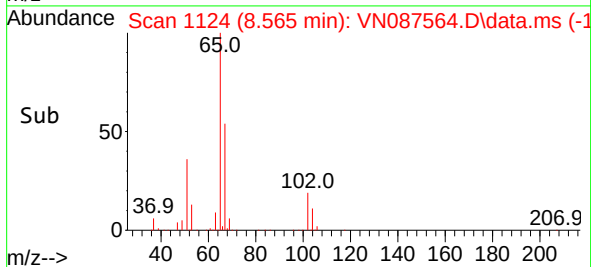
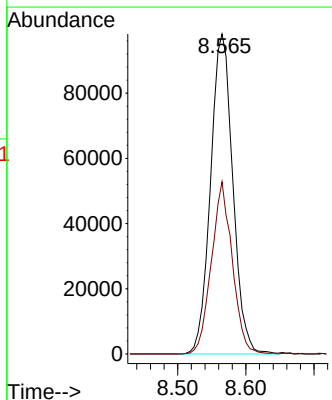
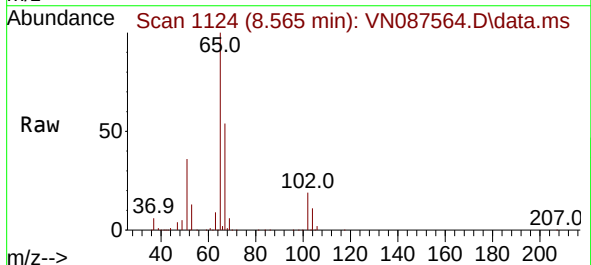
Instrument :
MSVOA_N
ClientSampleId :
TP-10

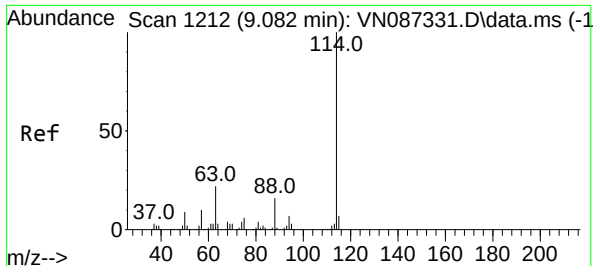
Tgt Ion: 43 Resp: 15307
Ion Ratio Lower Upper
43 100
72 23.7 19.6 29.4



#33
1,2-Dichloroethane-d4
Concen: 59.238 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

Tgt Ion: 65 Resp: 222922
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087564.D

Acq: 14 Aug 2025 14:36

Instrument :

MSVOA_N

ClientSampleId :

TP-10

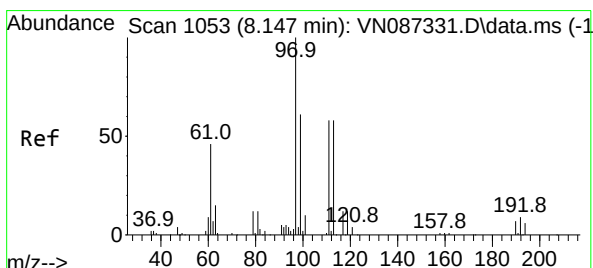
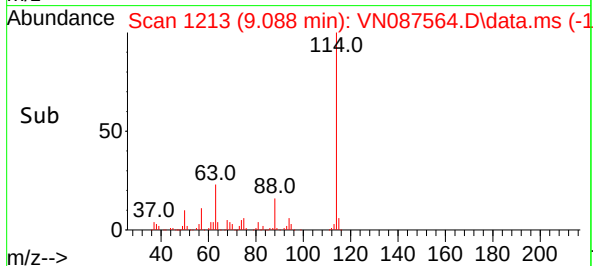
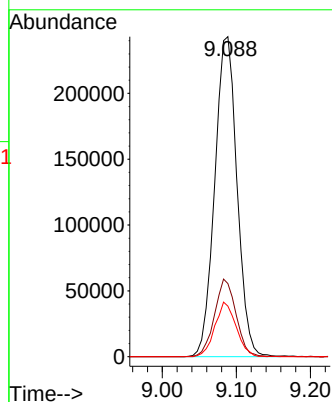
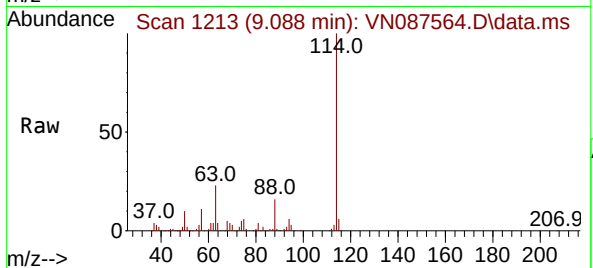
Tgt Ion:114 Resp: 507374

Ion Ratio Lower Upper

114 100

63 22.9 0.0 44.6

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.388 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087564.D

Acq: 14 Aug 2025 14:36

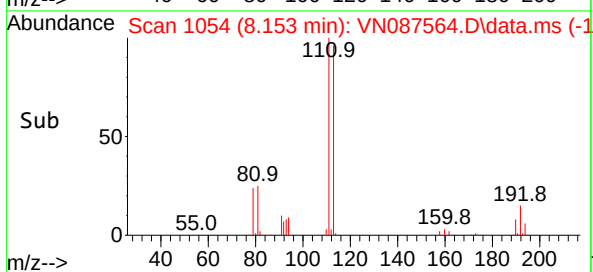
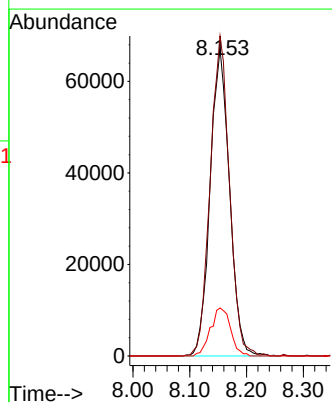
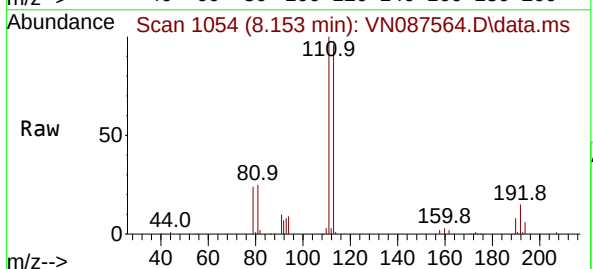
Tgt Ion:113 Resp: 158852

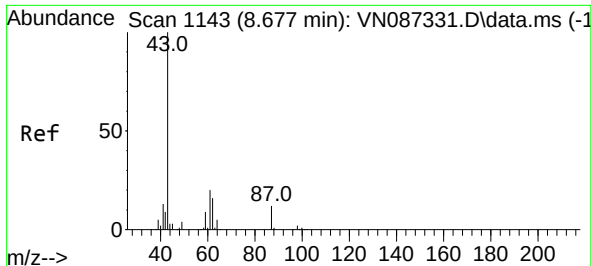
Ion Ratio Lower Upper

113 100

111 103.5 82.5 123.7

192 16.2 13.7 20.5

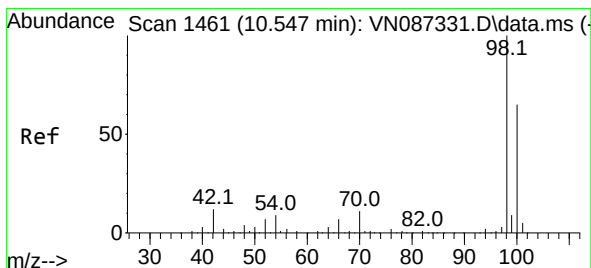
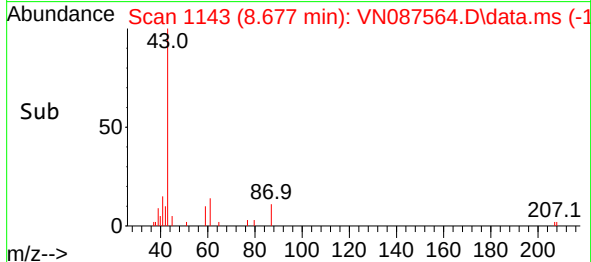
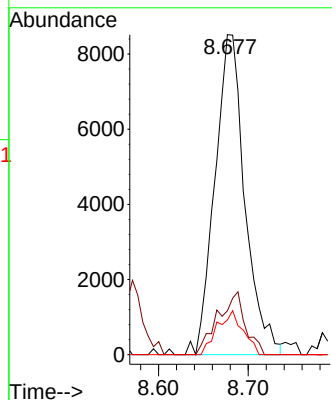
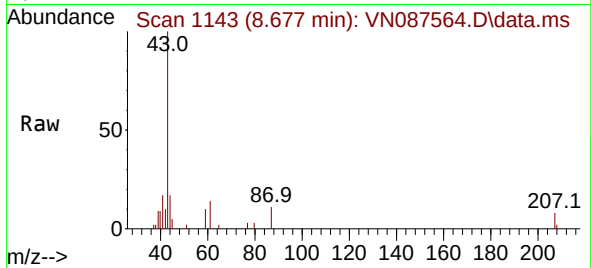




#43
Isopropyl Acetate
Concen: 1.909 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

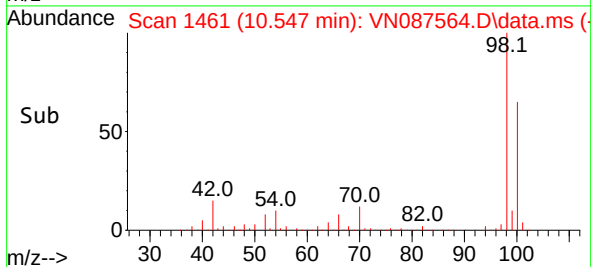
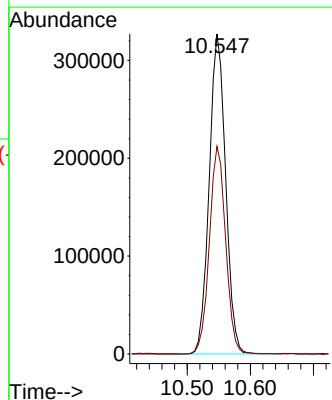
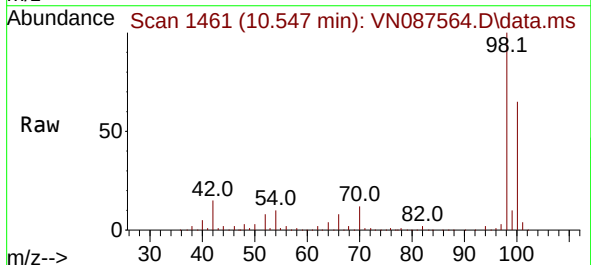
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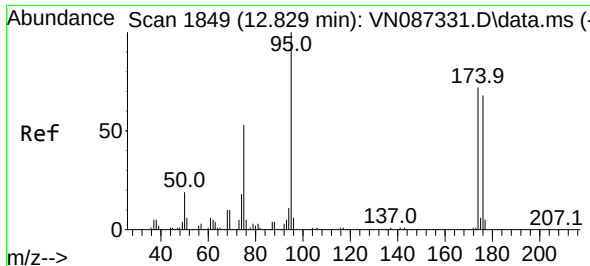
Tgt Ion: 43 Resp: 19789
Ion Ratio Lower Upper
43 100
61 18.0 19.8 29.8#
87 11.8 9.8 14.6



#50
Toluene-d8
Concen: 47.352 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

Tgt Ion: 98 Resp: 591168
Ion Ratio Lower Upper
98 100
100 64.2 52.1 78.1

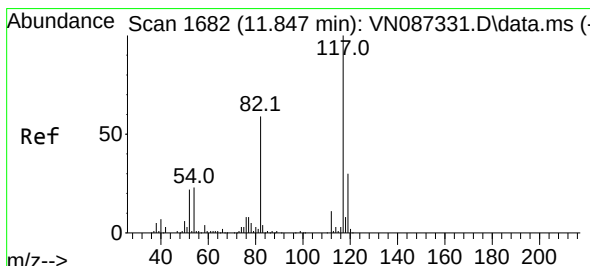
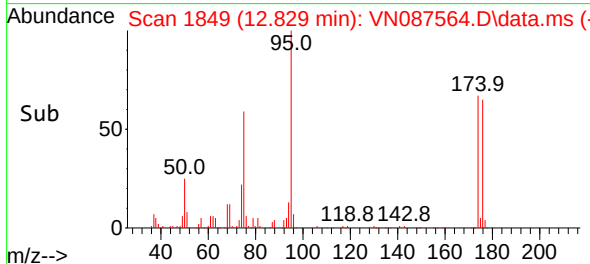
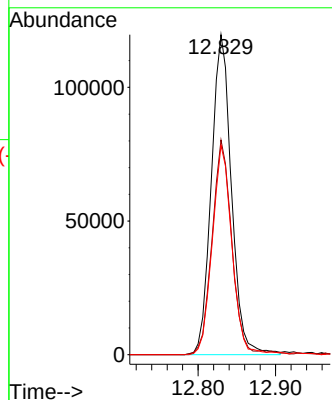
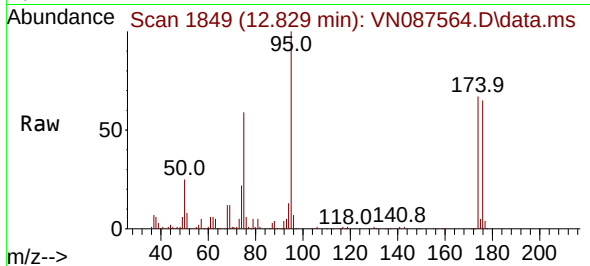




#62
4-Bromofluorobenzene
Concen: 46.820 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

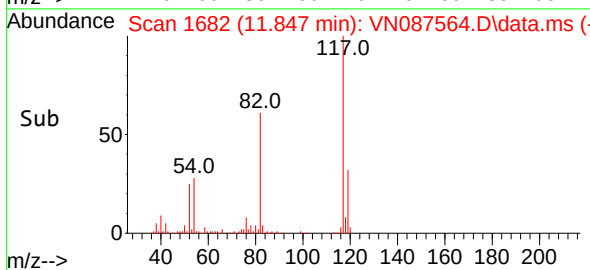
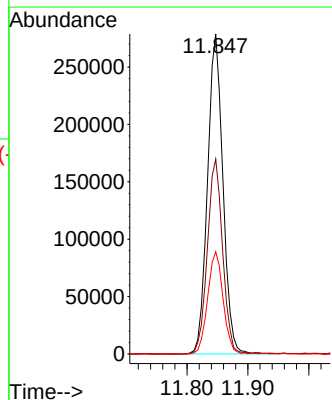
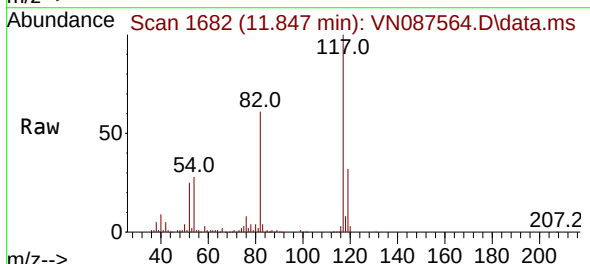
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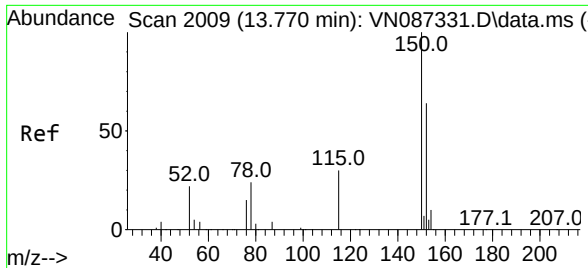
Tgt Ion: 95 Resp: 215954
Ion Ratio Lower Upper
95 100
174 66.1 0.0 149.4
176 64.1 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087564.D
Acq: 14 Aug 2025 14:36

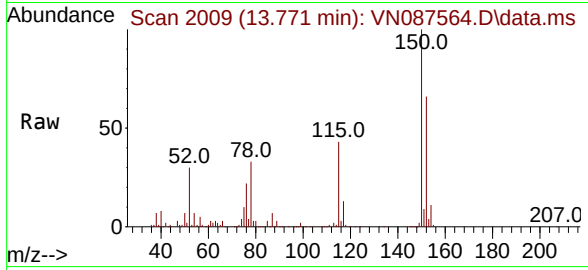
Tgt Ion: 117 Resp: 489299
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 31.9 23.8 35.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087564.D
 Acq: 14 Aug 2025 14:36

Instrument :
 MSVOA_N
 ClientSampleId :
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Tgt Ion:152 Resp: 222149
 Ion Ratio Lower Upper
 152 100
 115 66.5 31.1 93.5
 150 159.7 0.0 349.0

