

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086704.D
 Acq On : 19 May 2025 21:06
 Operator : JC\MD
 Sample : Q2068-03 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0074

Quant Time: May 20 03:25:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

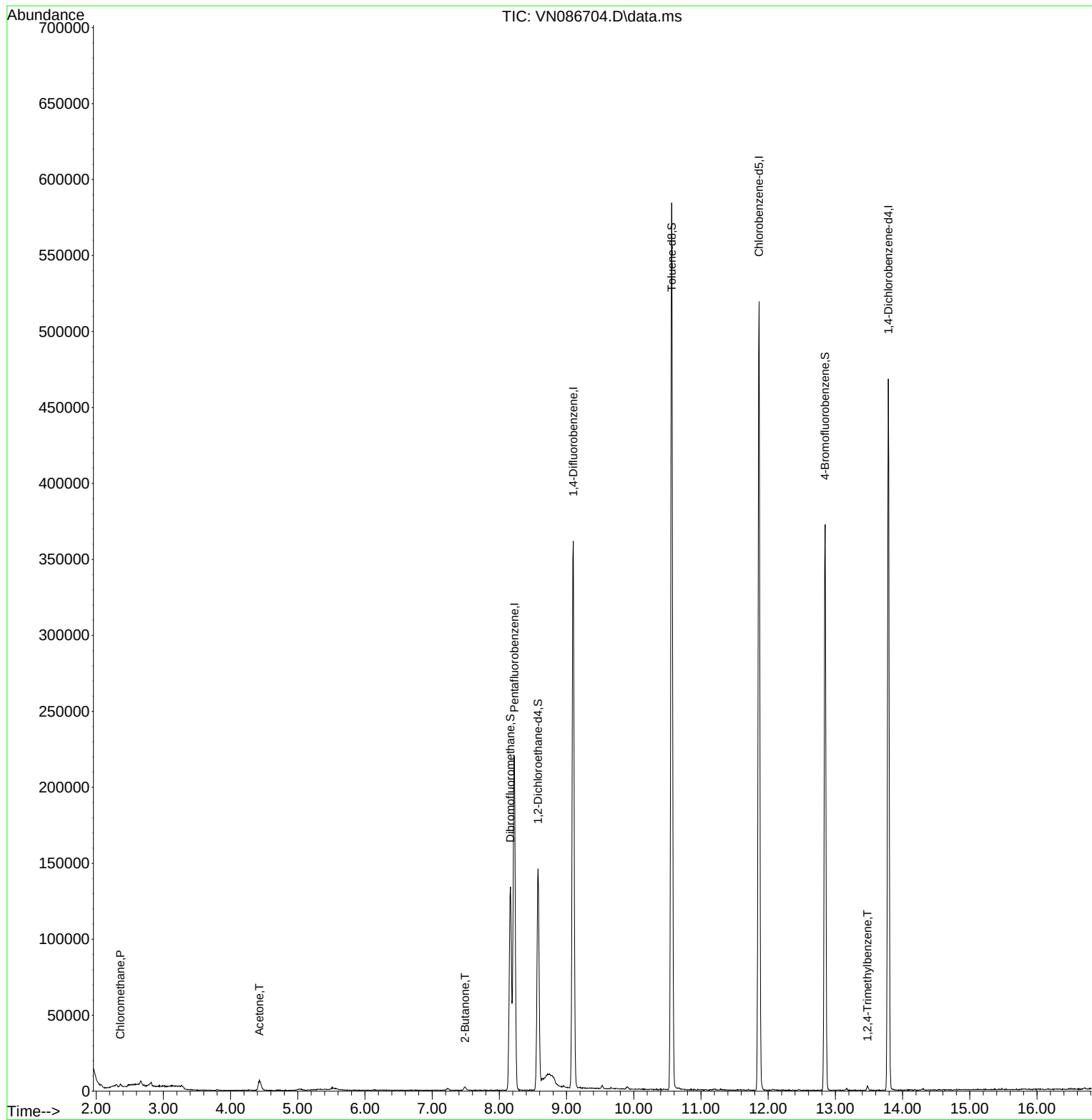
Internal Standards						
1) Pentafluorobenzene	8.224	168	163016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	305791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118493	52.603	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.200%	
35) Dibromofluoromethane	8.165	113	100671	52.603	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.200%	
50) Toluene-d8	10.565	98	414055	52.208	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.420%	
62) 4-Bromofluorobenzene	12.847	95	140877	50.307	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1260	0.473	ug/l	95
16) Acetone	4.430	43	13187	15.650	ug/l #	82
25) 2-Butanone	7.488	43	4149	3.186	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	2507	0.317	ug/l	89

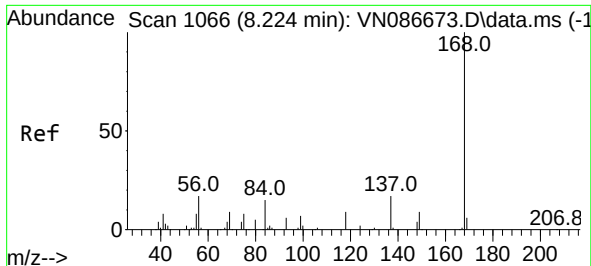
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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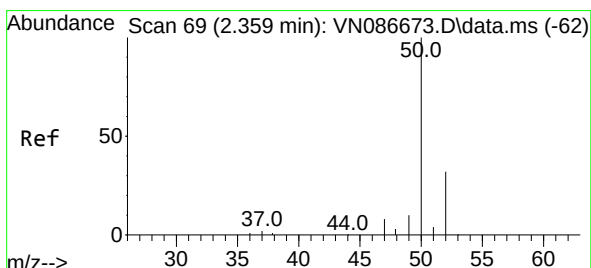
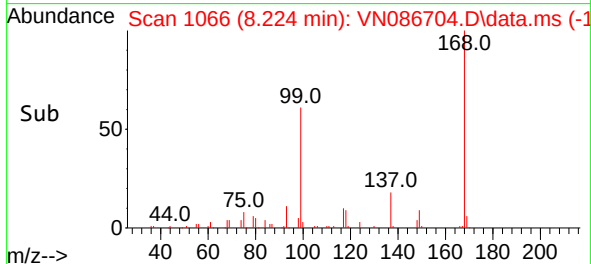
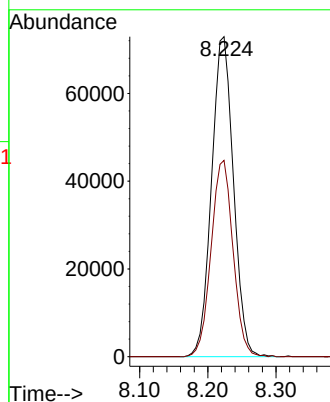
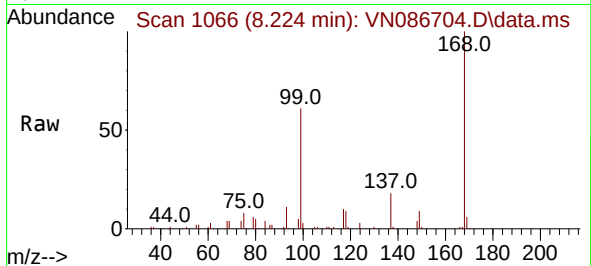




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

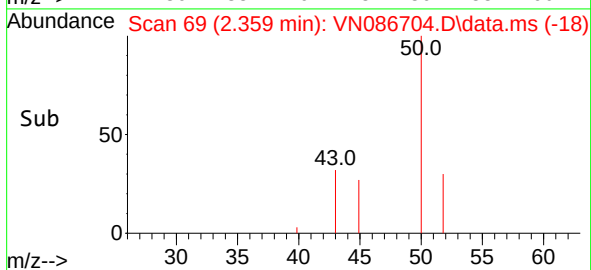
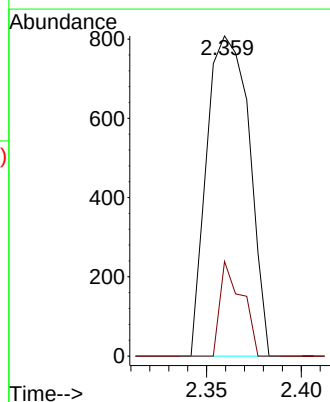
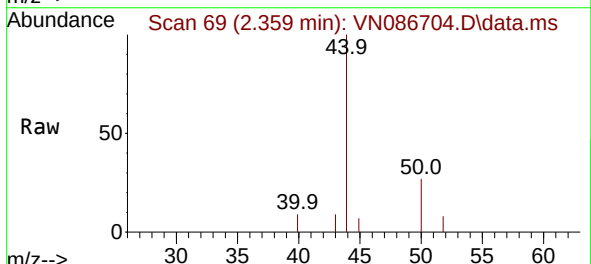
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0074

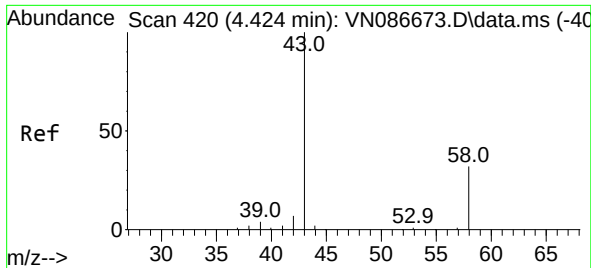
Tgt Ion:168 Resp: 163016
Ion Ratio Lower Upper
168 100
99 61.3 47.0 70.4



#3
Chloromethane
Concen: 0.473 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

Tgt Ion: 50 Resp: 1260
Ion Ratio Lower Upper
50 100
52 29.6 25.9 38.9

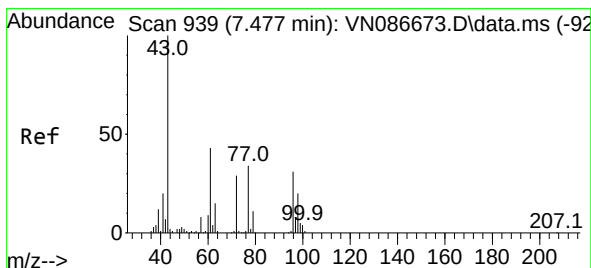
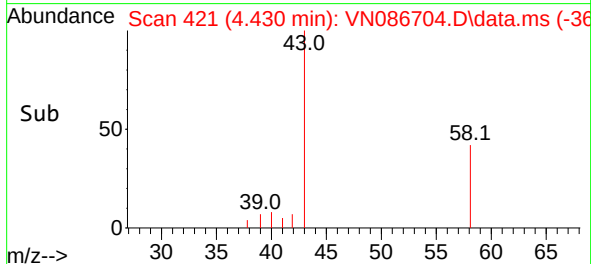
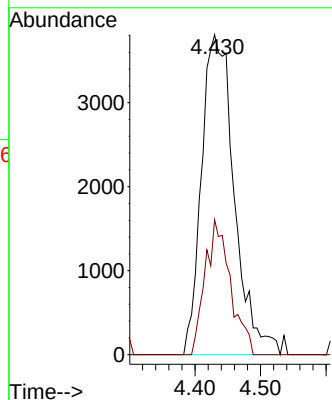
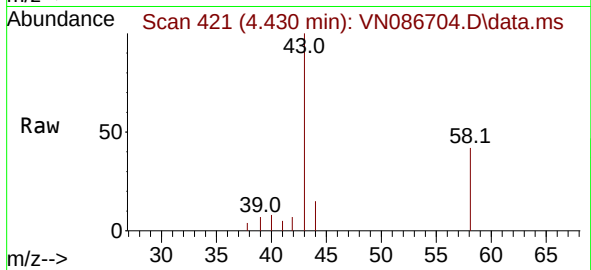




#16
Acetone
Concen: 15.650 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

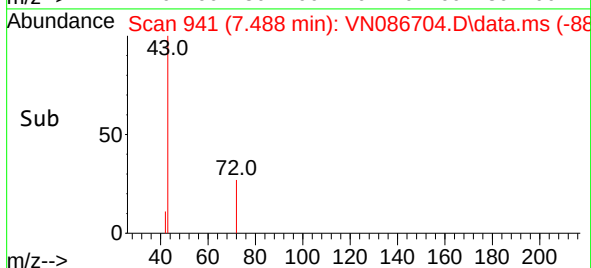
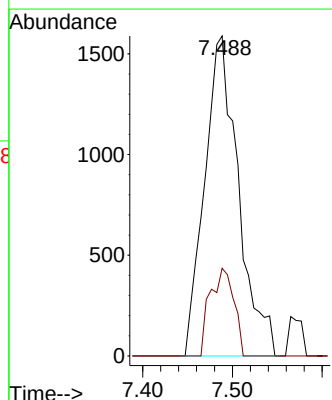
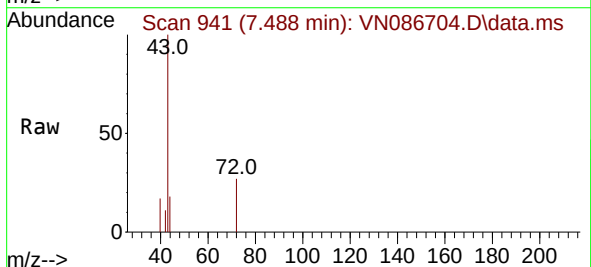
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0074

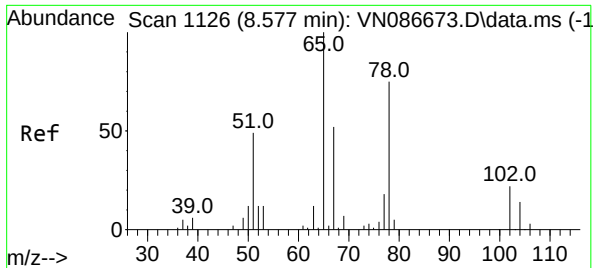
Tgt Ion: 43 Resp: 13187
Ion Ratio Lower Upper
43 100
58 42.2 25.8 38.6#



#25
2-Butanone
Concen: 3.186 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.012 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

Tgt Ion: 43 Resp: 4149
Ion Ratio Lower Upper
43 100
72 27.4 23.1 34.7





#33

1,2-Dichloroethane-d4

Concen: 52.603 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086704.D

Acq: 19 May 2025 21:06

Instrument :

MSVOA_N

ClientSampleId :

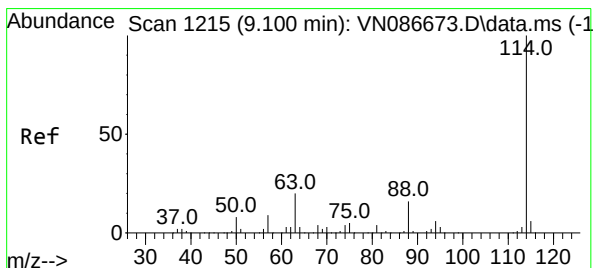
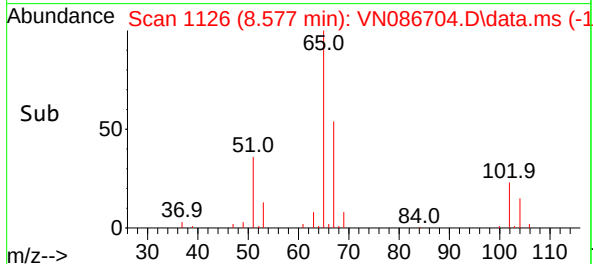
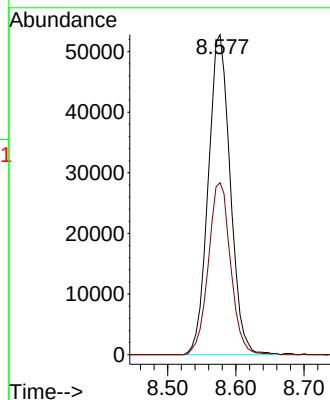
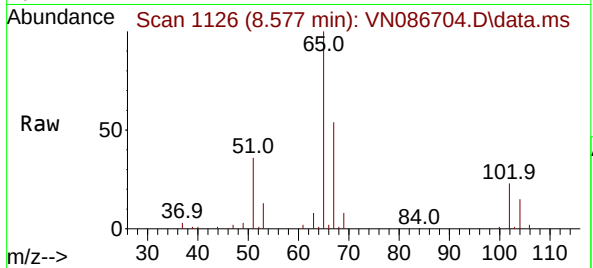
LAW-25-0074

Tgt Ion: 65 Resp: 118493

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086704.D

Acq: 19 May 2025 21:06

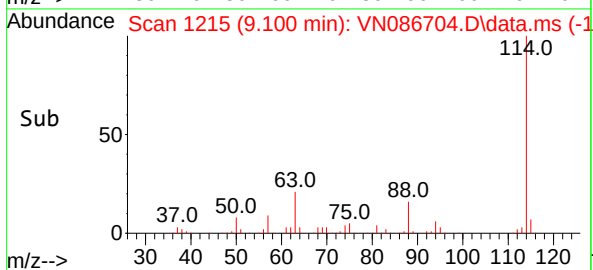
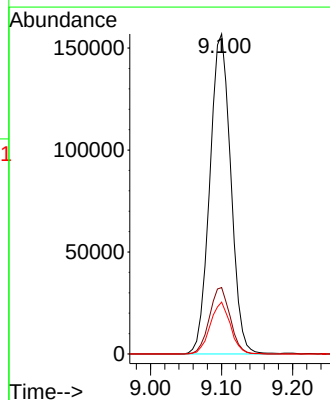
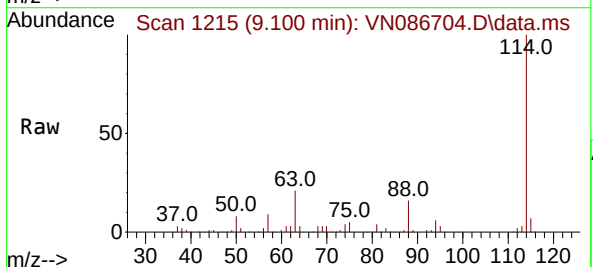
Tgt Ion: 114 Resp: 321353

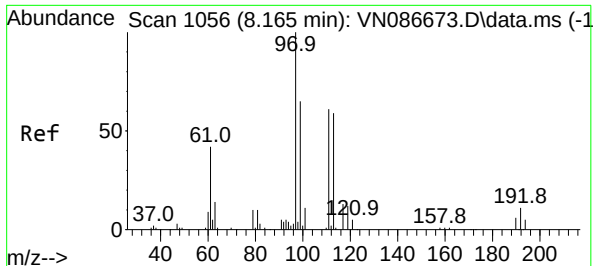
Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 16.2 0.0 31.2

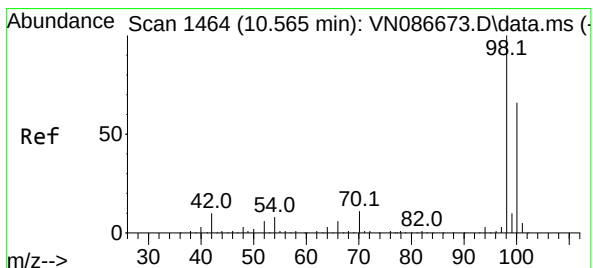
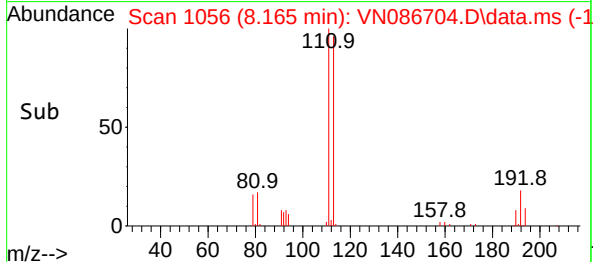
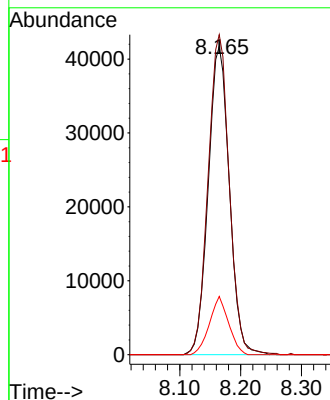
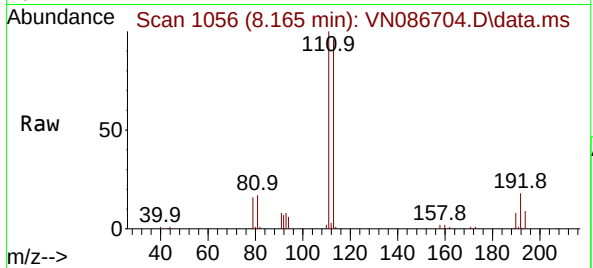




#35
Dibromofluoromethane
Concen: 52.603 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

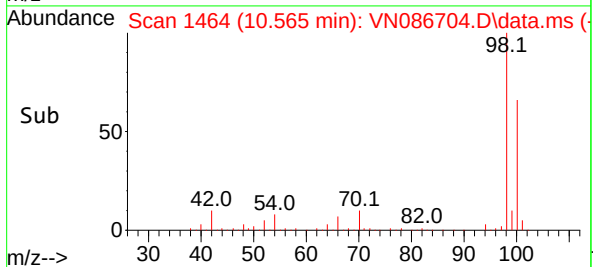
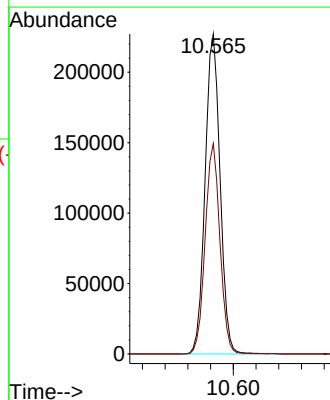
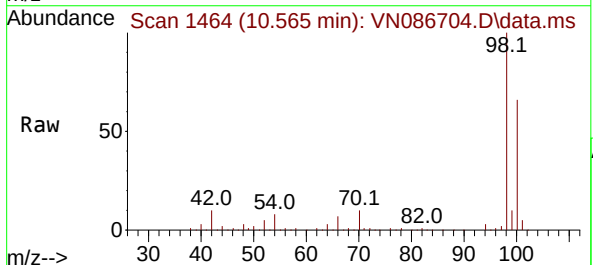
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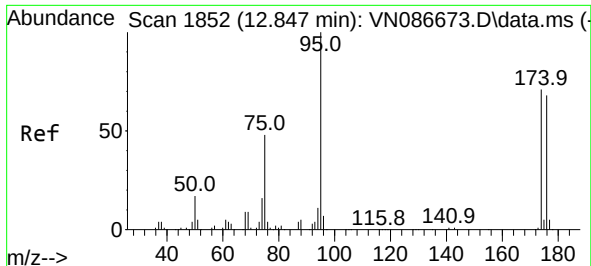
Tgt Ion:113 Resp: 100671
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.2
192 17.1 13.8 20.8



#50
Toluene-d8
Concen: 52.208 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

Tgt Ion: 98 Resp: 414055
Ion Ratio Lower Upper
98 100
100 64.9 52.9 79.3

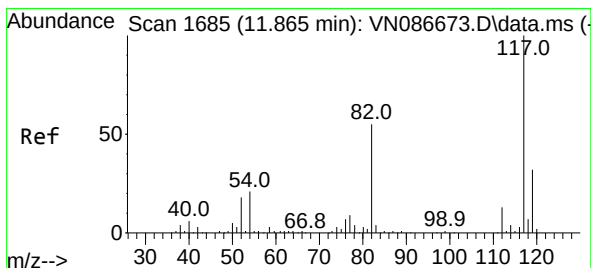
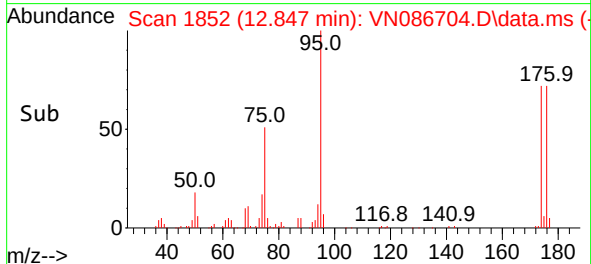
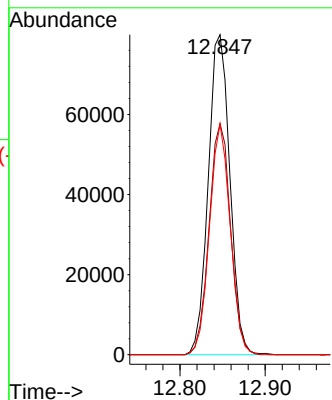
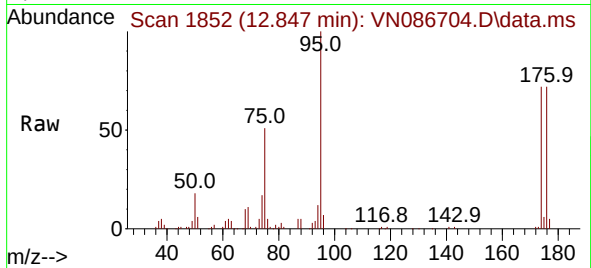




#62
4-Bromofluorobenzene
Concen: 50.307 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

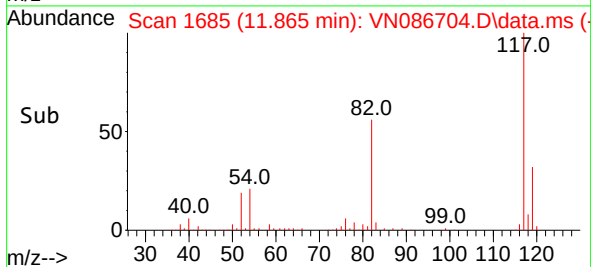
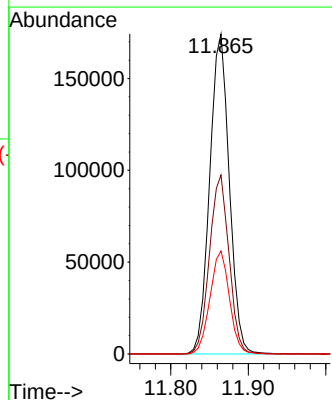
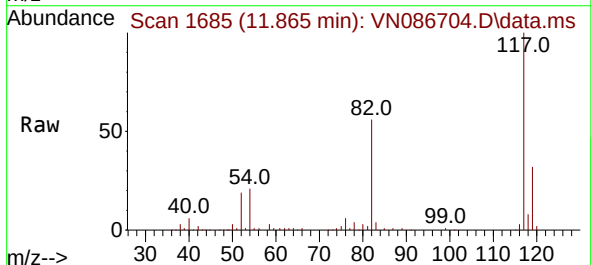
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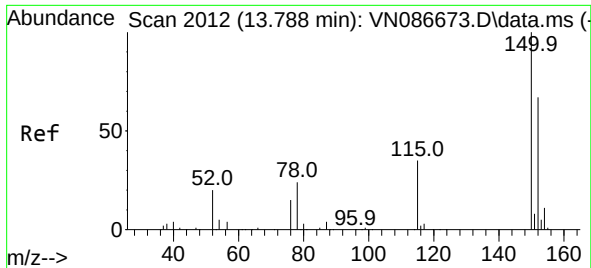
Tgt Ion: 95 Resp: 140877
Ion Ratio Lower Upper
95 100
174 71.7 0.0 145.4
176 69.0 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

Tgt Ion: 117 Resp: 305791
Ion Ratio Lower Upper
117 100
82 56.0 44.2 66.2
119 32.2 25.4 38.2

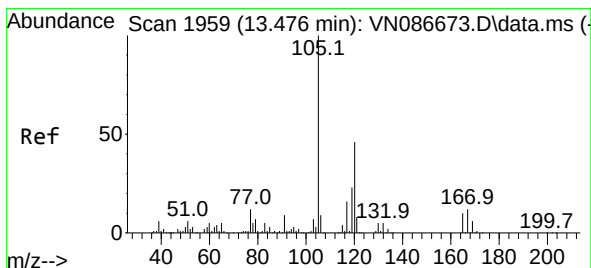
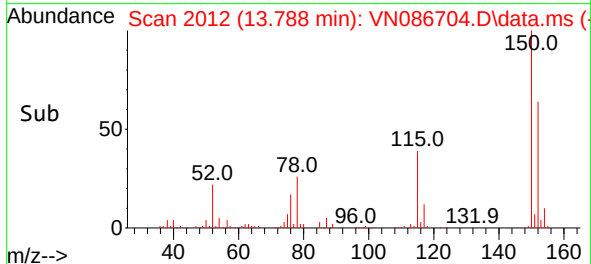
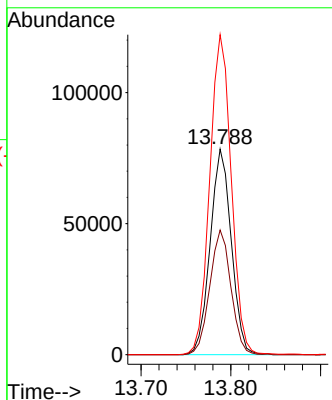
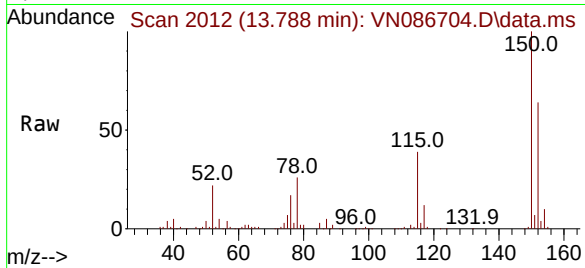




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

Instrument :
MSVOA_N
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LAW-25-0074

Tgt Ion:152 Resp: 128383
Ion Ratio Lower Upper
152 100
115 60.6 30.0 90.1
150 158.3 0.0 347.8



#84
1,2,4-Trimethylbenzene
Concen: 0.317 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086704.D
Acq: 19 May 2025 21:06

Tgt Ion:105 Resp: 2507
Ion Ratio Lower Upper
105 100
120 39.1 23.2 69.6

