

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086703.D
 Acq On : 19 May 2025 20:42
 Operator : JC\MD
 Sample : Q2065-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VACTRUCK-728068

Quant Time: May 20 03:25:18 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)

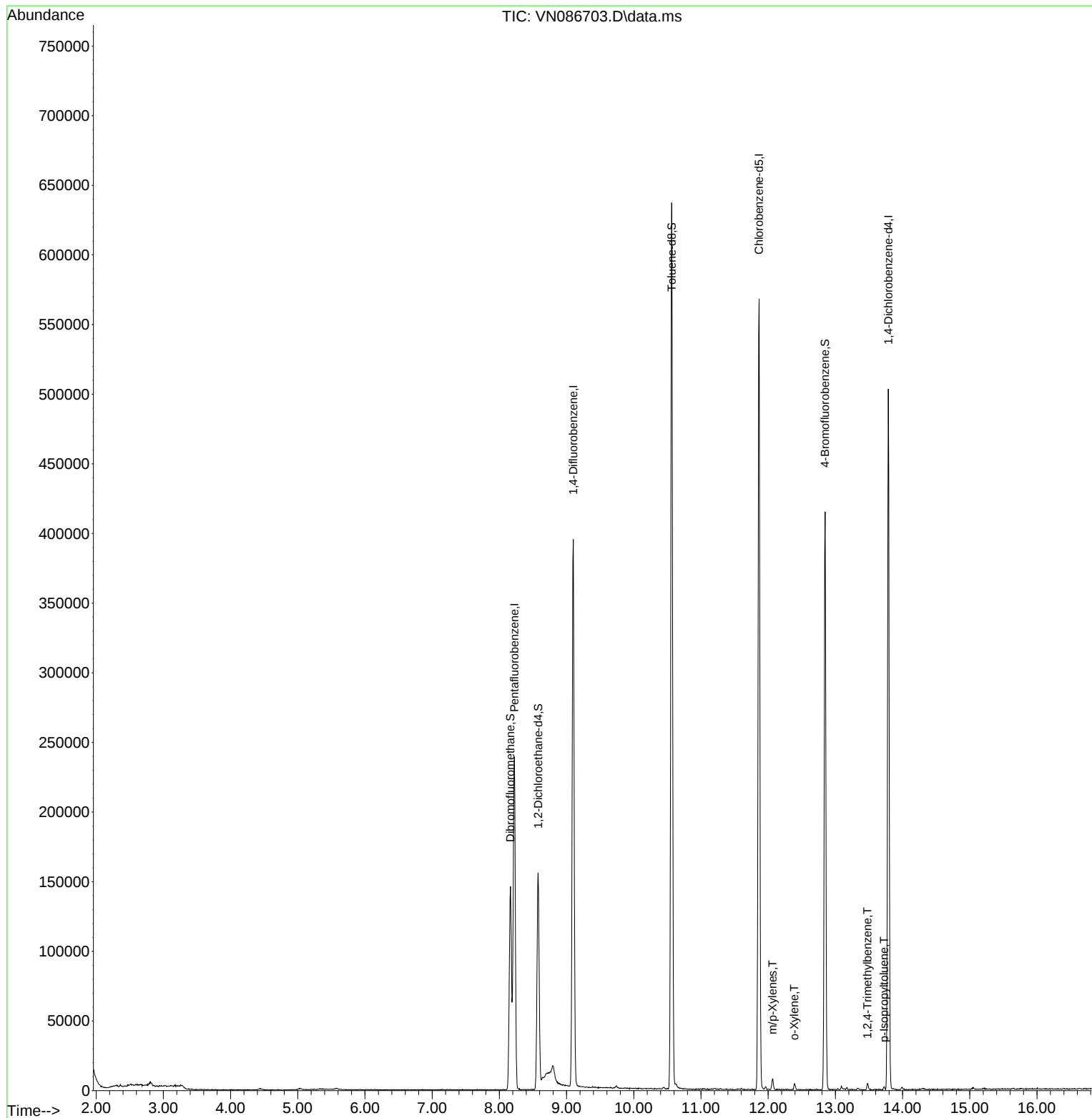
Internal Standards						
1) Pentafluorobenzene	8.224	168	179280	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	350696	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	337827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	137714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129796	52.394	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.780%		
35) Dibromofluoromethane	8.165	113	109841	52.592	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 105.180%		
50) Toluene-d8	10.565	98	456141	52.702	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 105.400%		
62) 4-Bromofluorobenzene	12.847	95	155147	50.767	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 101.540%		
Target Compounds						
					Qvalue	
68) m/p-Xylenes	12.065	106	2766	0.576	ug/l	100
69) o-Xylene	12.388	106	1451	0.304	ug/l	90
84) 1,2,4-Trimethylbenzene	13.476	105	3383	0.399	ug/l	94
86) p-Isopropyltoluene	13.723	119	1962	0.240	ug/l	93

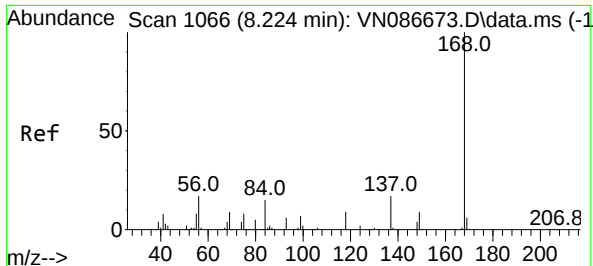
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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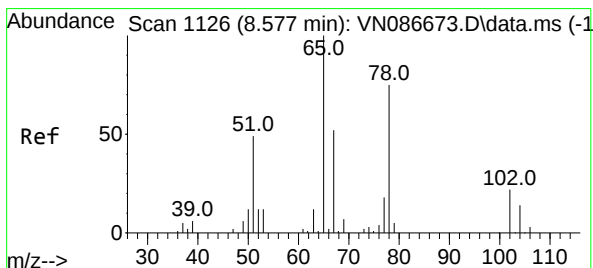
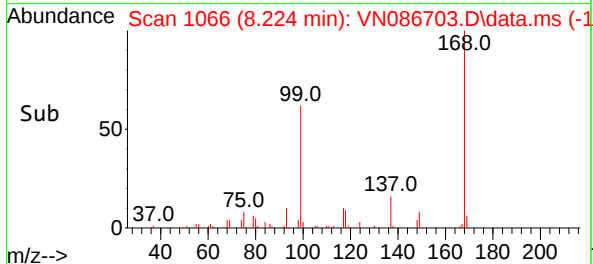
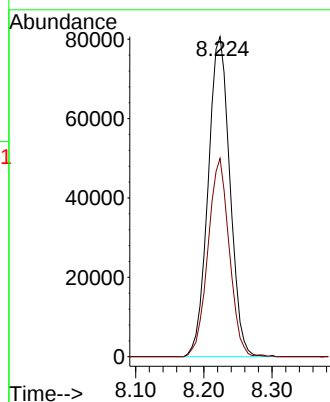
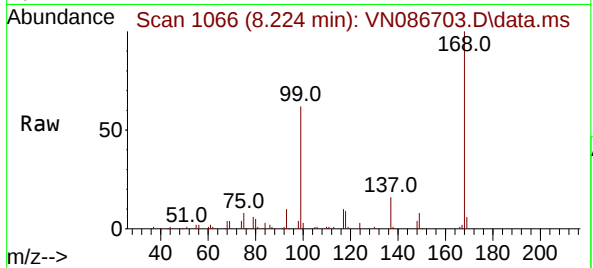




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

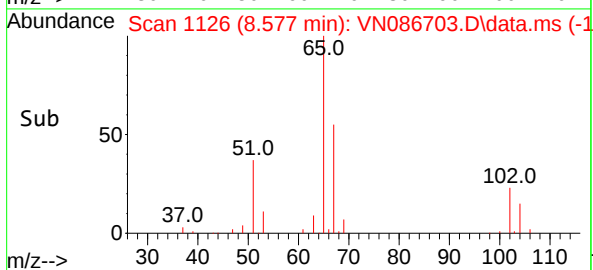
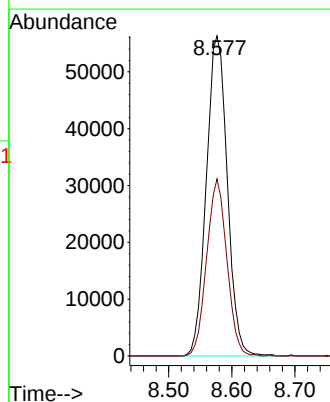
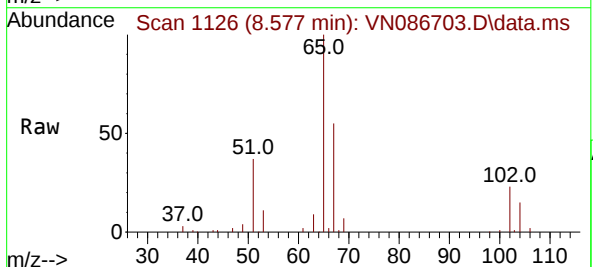
Instrument :
MSVOA_N
ClientSampleId :
VACTRUCK-728068

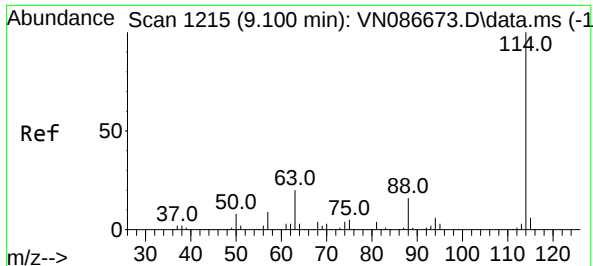
Tgt Ion:168 Resp: 179280
Ion Ratio Lower Upper
168 100
99 61.9 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 52.394 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

Tgt Ion: 65 Resp: 129796
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086703.D

Acq: 19 May 2025 20:42

Instrument :

MSVOA_N

ClientSampleId :

VACTRUCK-728068

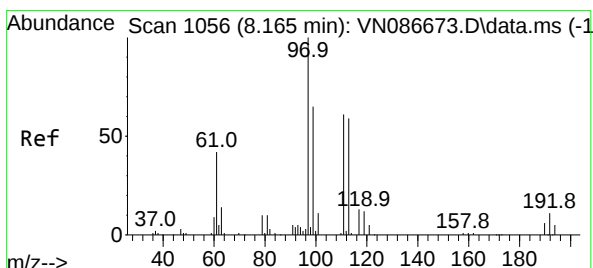
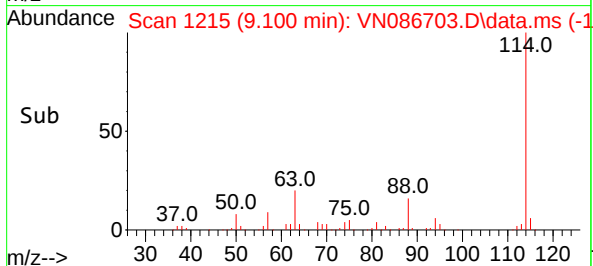
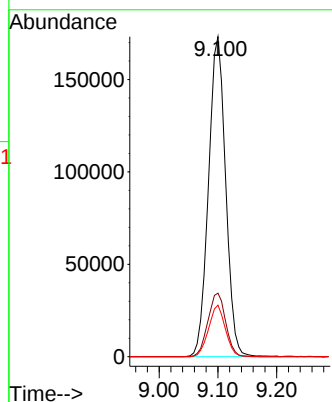
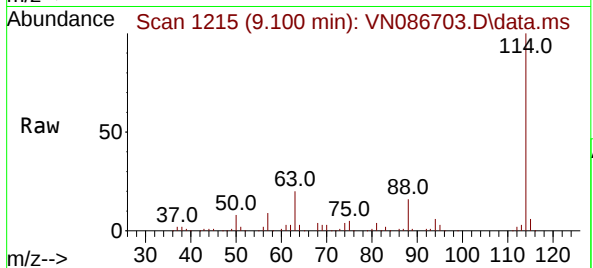
Tgt Ion:114 Resp: 350696

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.2

88 16.1 0.0 31.2



#35

Dibromofluoromethane

Concen: 52.592 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086703.D

Acq: 19 May 2025 20:42

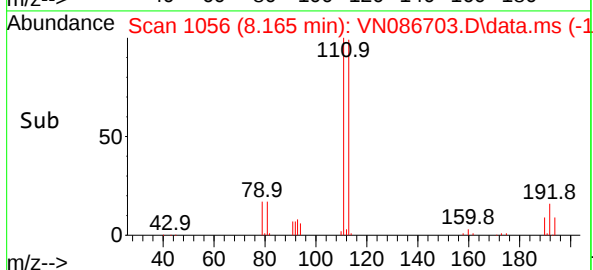
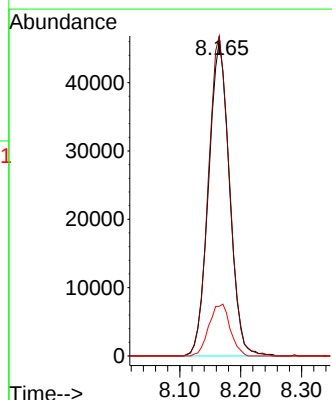
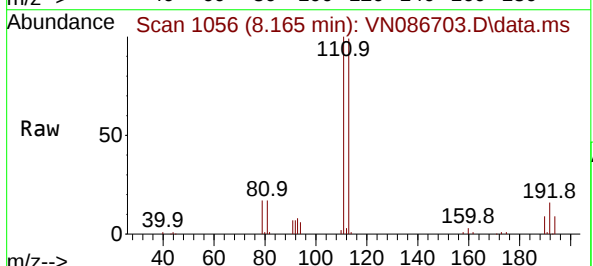
Tgt Ion:113 Resp: 109841

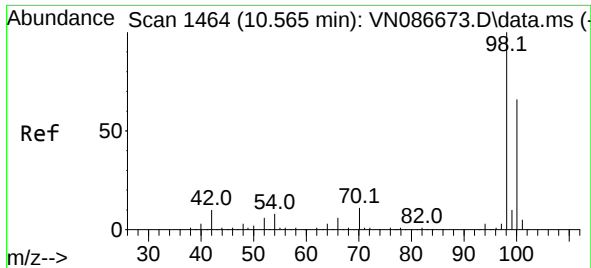
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 16.7 13.8 20.8

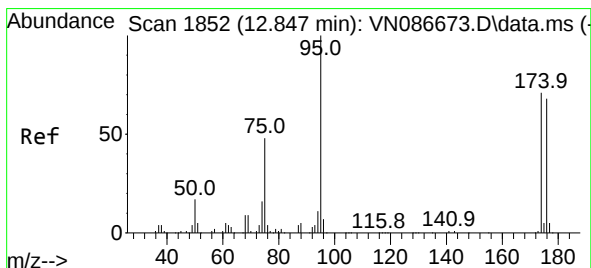
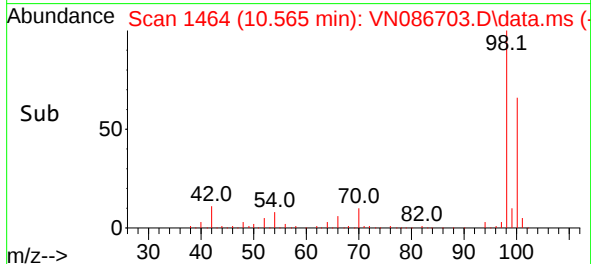
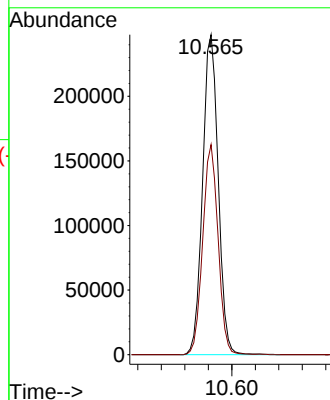
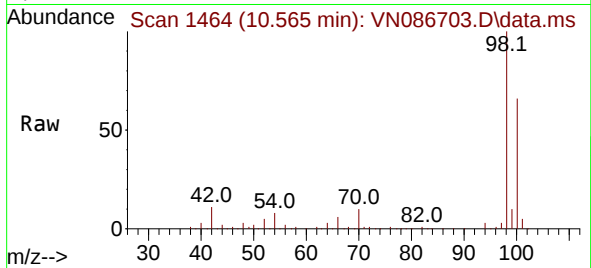




#50
Toluene-d8
Concen: 52.702 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

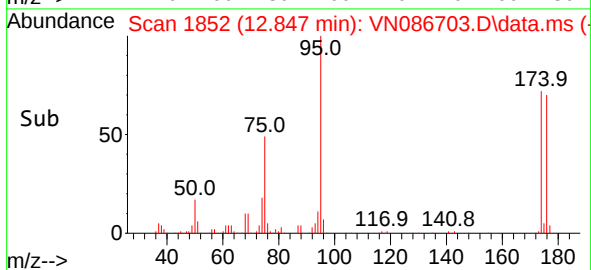
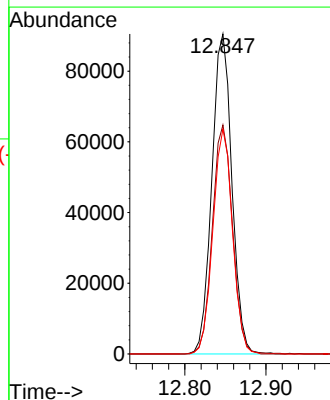
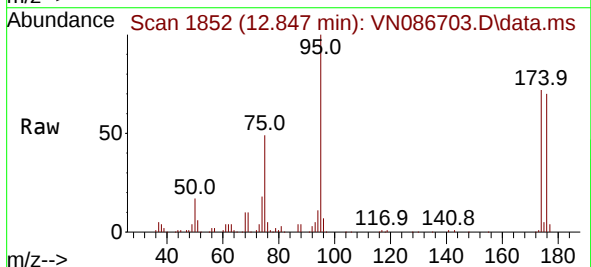
Instrument :
MSVOA_N
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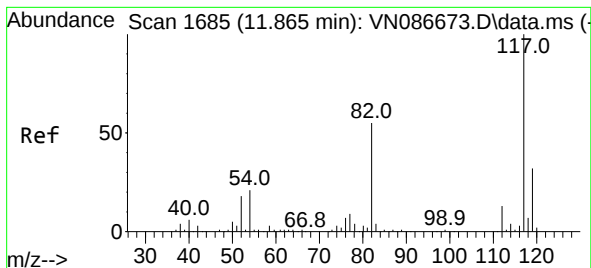
Tgt Ion: 98 Resp: 456141
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 50.767 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

Tgt Ion: 95 Resp: 155147
Ion Ratio Lower Upper
95 100
174 71.9 0.0 145.4
176 68.9 0.0 137.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086703.D

Acq: 19 May 2025 20:42

Instrument :

MSVOA_N

ClientSampleId :

VACTRUCK-728068

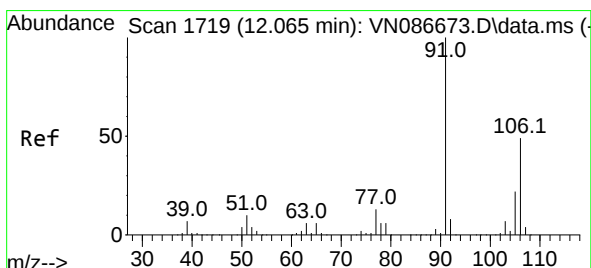
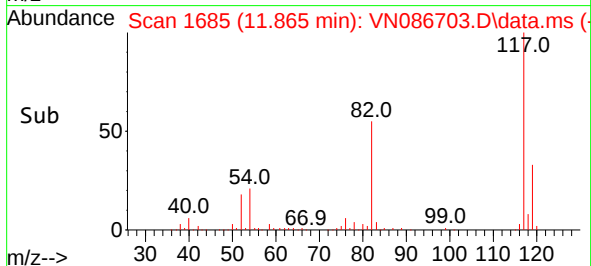
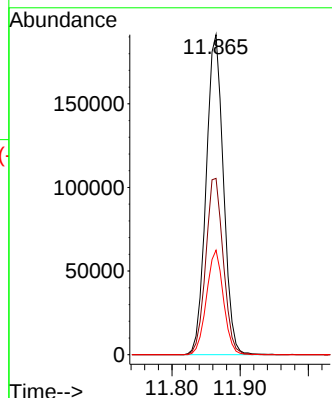
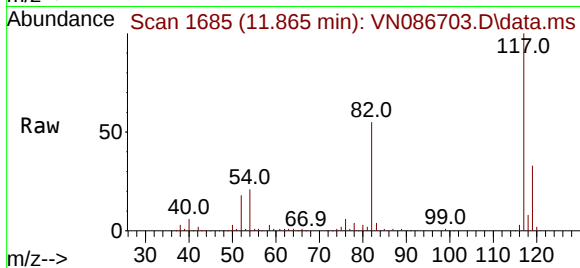
Tgt Ion:117 Resp: 337827

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 32.7 25.4 38.2



#68

m/p-Xylenes

Concen: 0.576 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086703.D

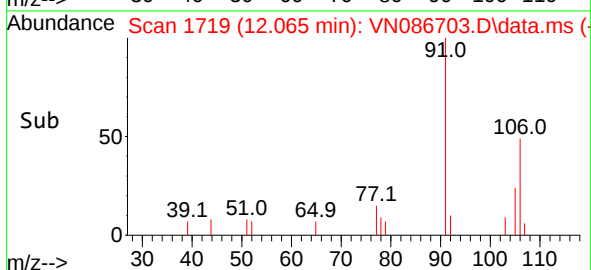
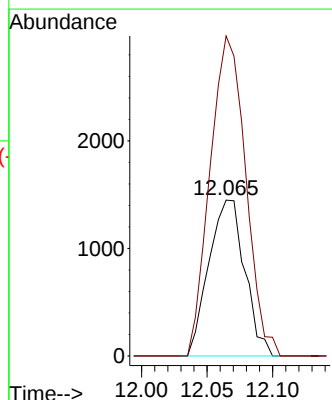
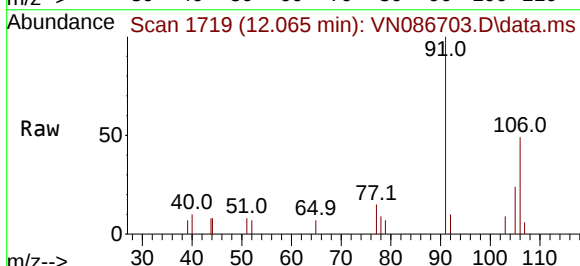
Acq: 19 May 2025 20:42

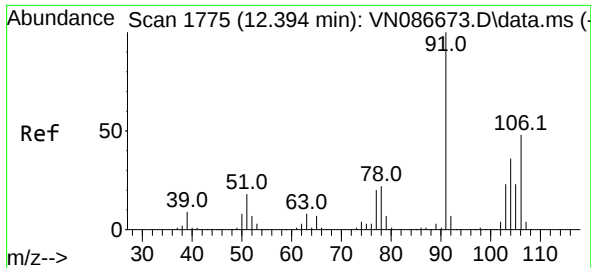
Tgt Ion:106 Resp: 2766

Ion Ratio Lower Upper

106 100

91 203.4 162.4 243.6

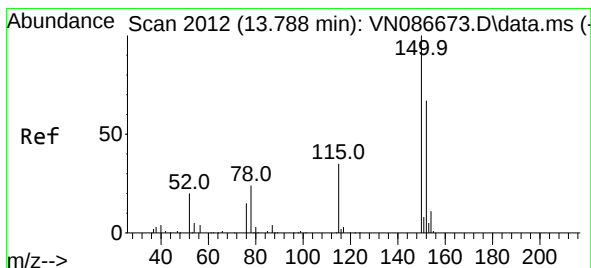
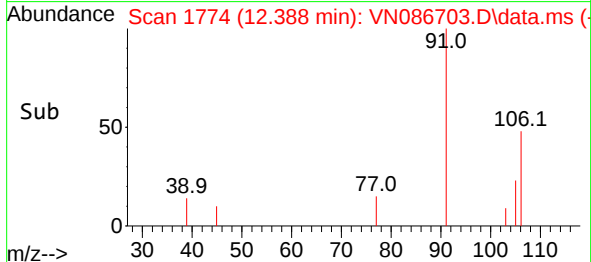
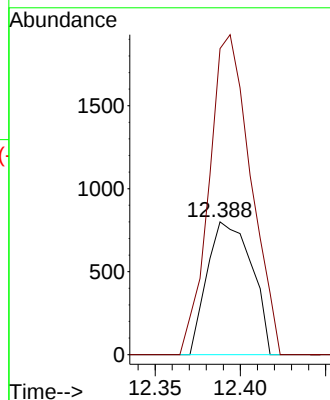
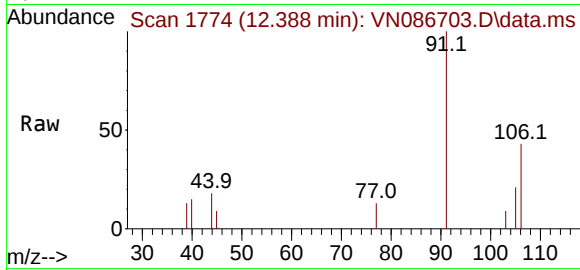




#69
o-Xylene
Concen: 0.304 ug/l
RT: 12.388 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

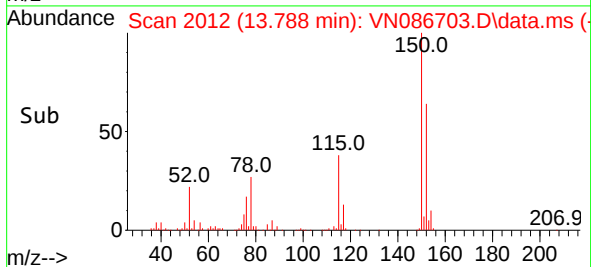
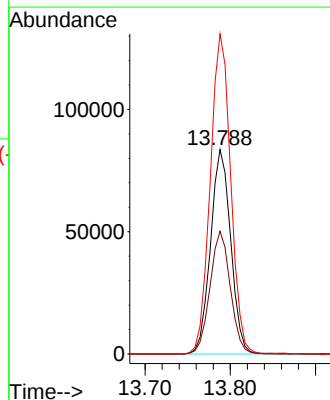
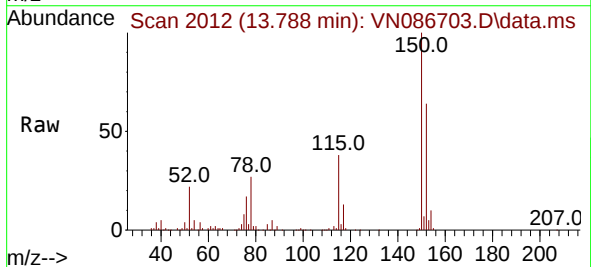
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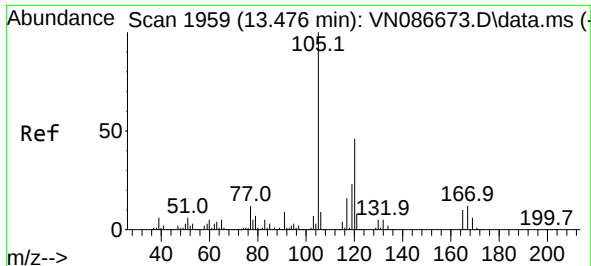
Tgt Ion:106 Resp: 1451
Ion Ratio Lower Upper
106 100
91 226.2 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

Tgt Ion:152 Resp: 137714
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.1
150 158.4 0.0 347.8

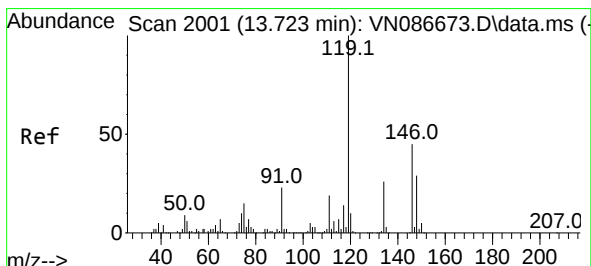
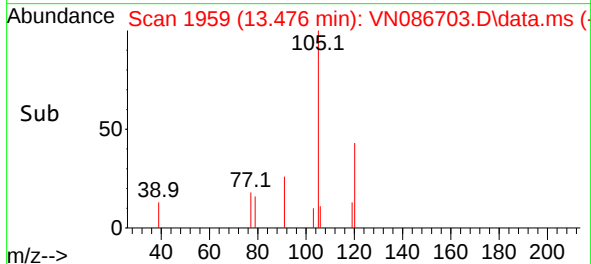
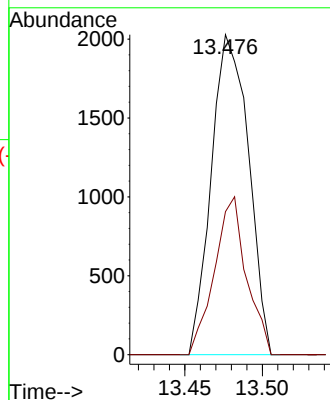
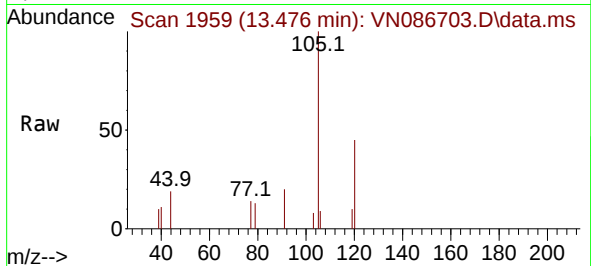




#84
1,2,4-Trimethylbenzene
Concen: 0.399 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

Instrument :
MSVOA_N
ClientSampleId :
VACTRUCK-728068

Tgt Ion:105 Resp: 3383
Ion Ratio Lower Upper
105 100
120 42.6 23.2 69.6



#86
p-Isopropyltoluene
Concen: 0.240 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086703.D
Acq: 19 May 2025 20:42

Tgt Ion:119 Resp: 1962
Ion Ratio Lower Upper
119 100
134 24.2 13.1 39.1
91 18.2 11.5 34.5

