

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051425\
 Data File : VN086626.D
 Acq On : 14 May 2025 14:56
 Operator : JC\MD
 Sample : Q2014-01
 Misc : 1.01g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0134

Quant Time: May 15 03:04:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

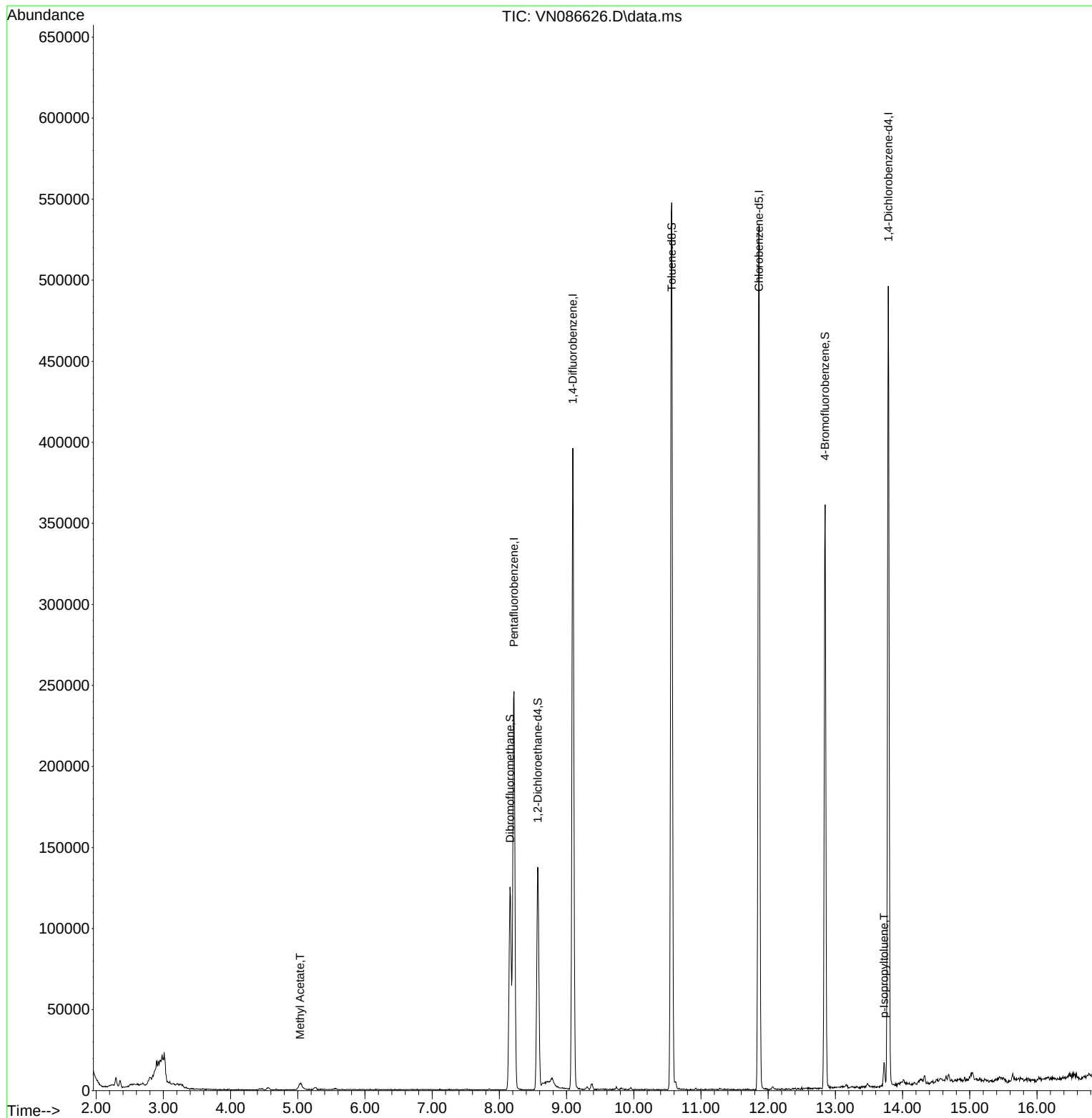
Internal Standards						
1) Pentafluorobenzene	8.218	168	182310	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	350795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	136078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113447	42.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.820%		
35) Dibromofluoromethane	8.159	113	92699	56.937	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	113.880%		
50) Toluene-d8	10.565	98	397950	45.735	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.460%		
62) 4-Bromofluorobenzene	12.847	95	133648	42.111	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	84.220%		
Target Compounds						Qvalue
18) Methyl Acetate	5.036	43	10417	3.283	ug/l	91
86) p-Isopropyltoluene	13.723	119	8514	0.943	ug/l	89

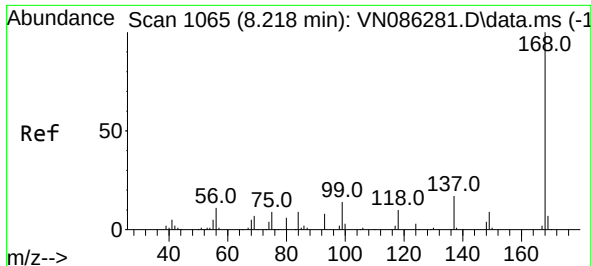
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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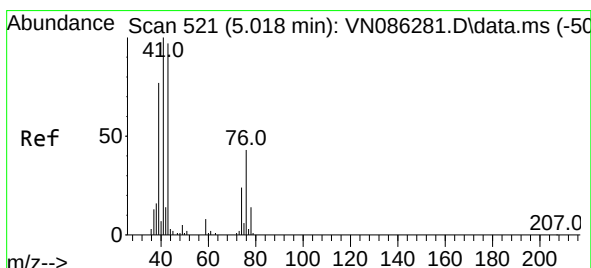
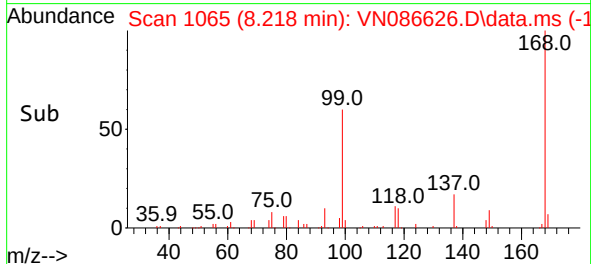
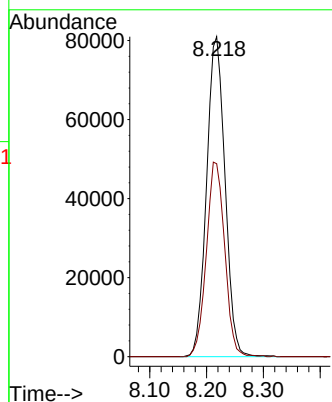
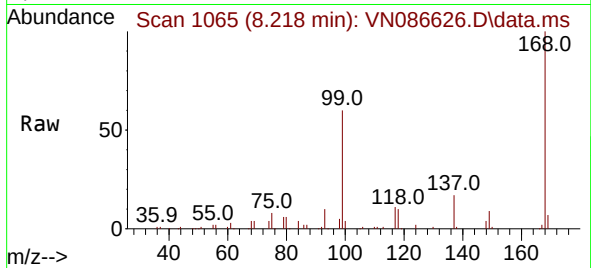




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

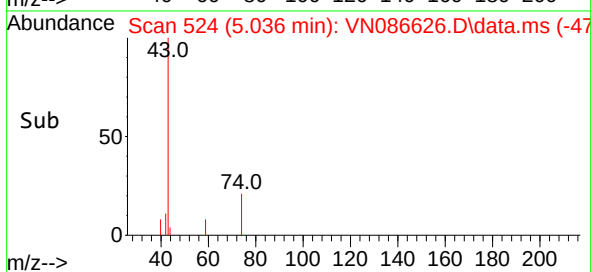
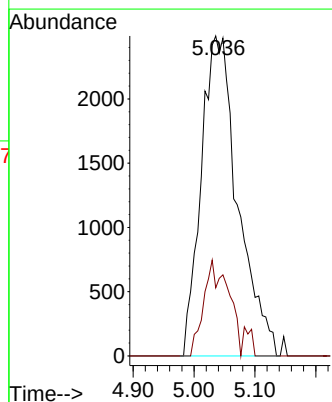
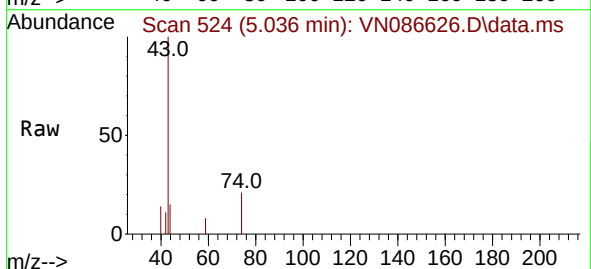
Instrument :
MSVOA_N
ClientSampleId :
MOO-25-0134

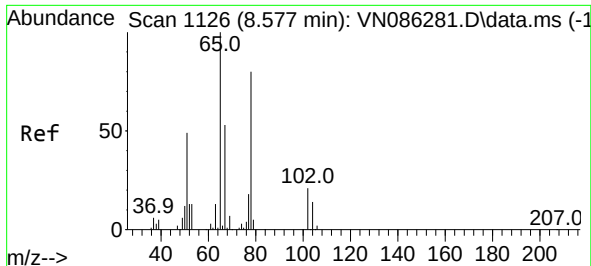
Tgt Ion:168 Resp: 182310
Ion Ratio Lower Upper
168 100
99 60.3 52.5 78.7



#18
Methyl Acetate
Concen: 3.283 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 43 Resp: 10417
Ion Ratio Lower Upper
43 100
74 20.2 19.8 29.6

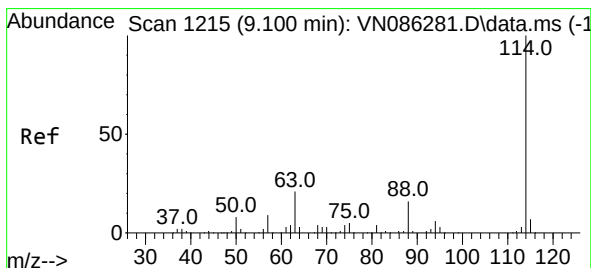
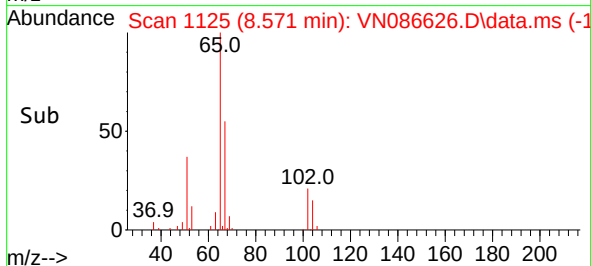
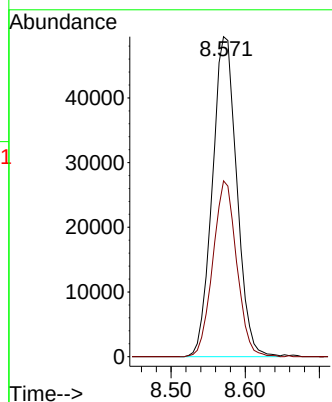
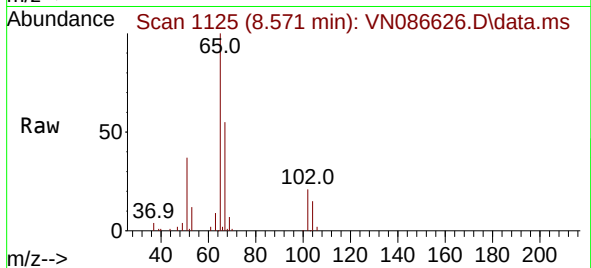




#33
 1,2-Dichloroethane-d4
 Concen: 42.913 ug/l
 RT: 8.571 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN086626.D
 Acq: 14 May 2025 14:56

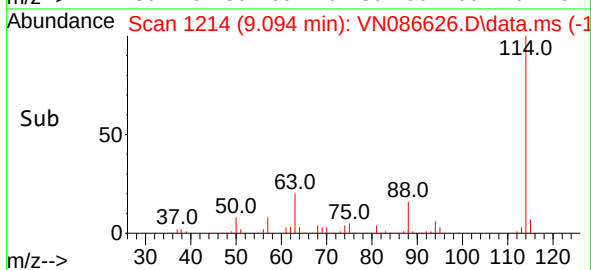
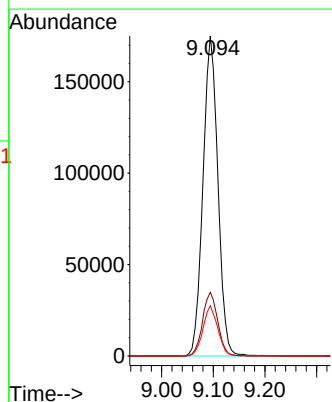
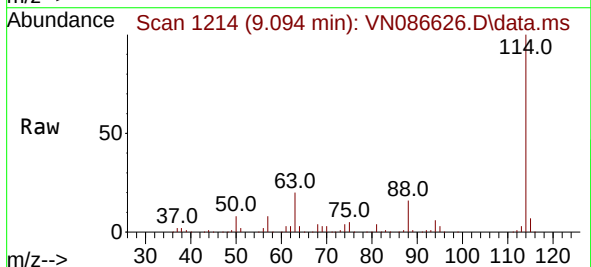
Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-25-0134

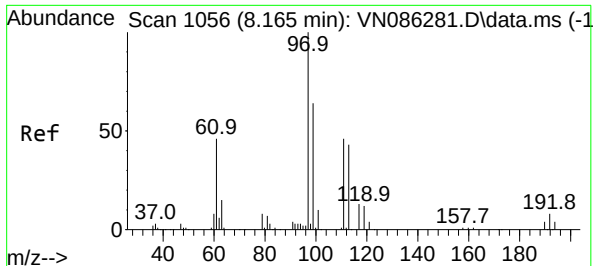
Tgt Ion: 65 Resp: 113447
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.094 min Scan# 1214
 Delta R.T. -0.006 min
 Lab File: VN086626.D
 Acq: 14 May 2025 14:56

Tgt Ion: 114 Resp: 350795
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.6
 88 15.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 56.937 ug/l

RT: 8.159 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086626.D

Acq: 14 May 2025 14:56

Instrument :

MSVOA_N

ClientSampleId :

MOO-25-0134

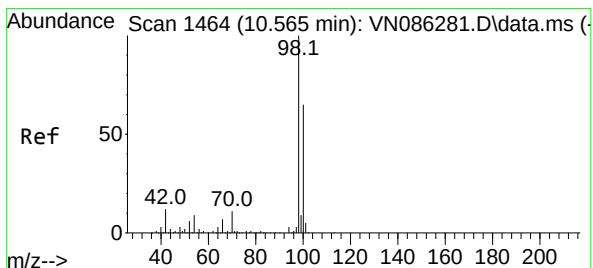
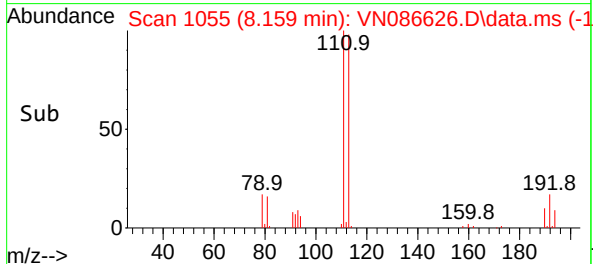
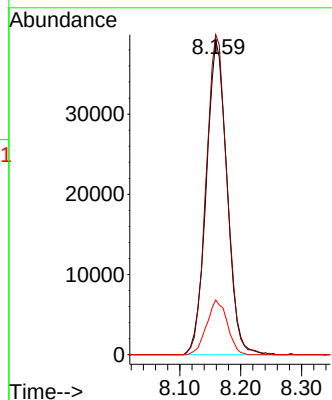
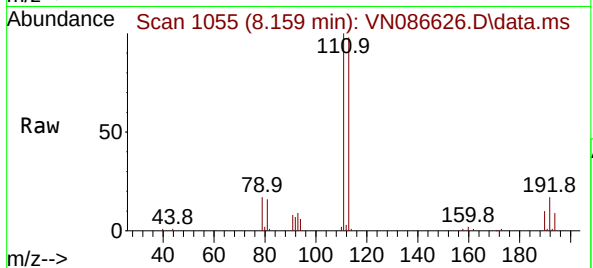
Tgt Ion:113 Resp: 92699

Ion Ratio Lower Upper

113 100

111 102.2 83.4 125.0

192 17.3 13.7 20.5



#50

Toluene-d8

Concen: 45.735 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086626.D

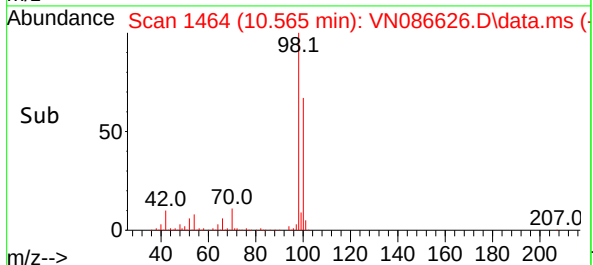
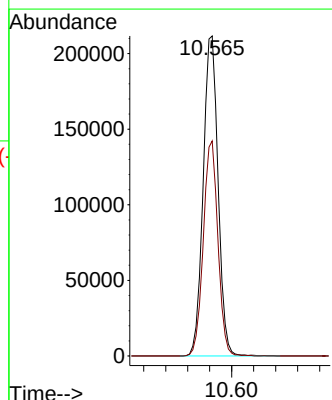
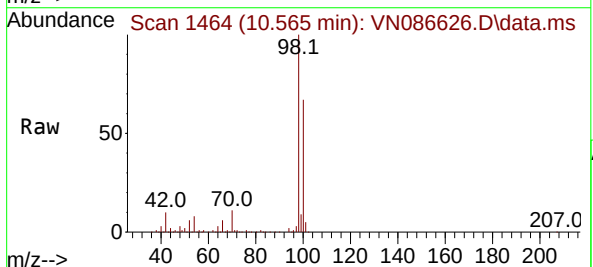
Acq: 14 May 2025 14:56

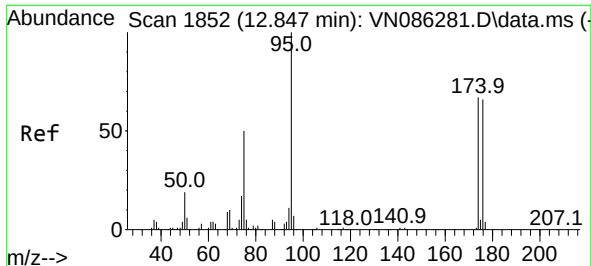
Tgt Ion: 98 Resp: 397950

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7

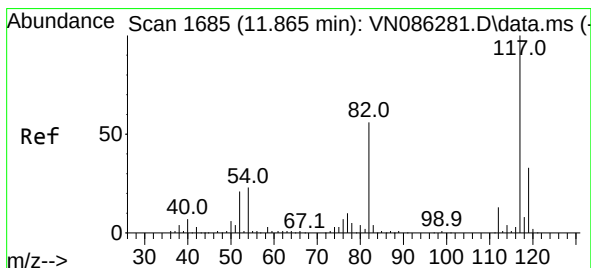
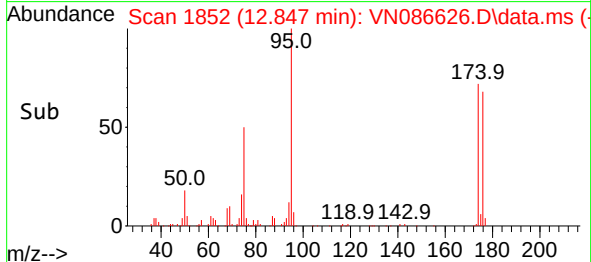
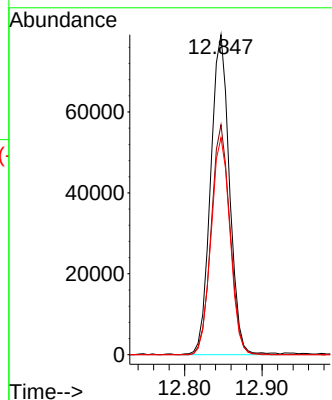
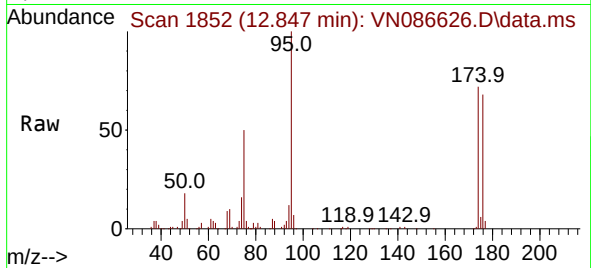




#62
4-Bromofluorobenzene
Concen: 42.111 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

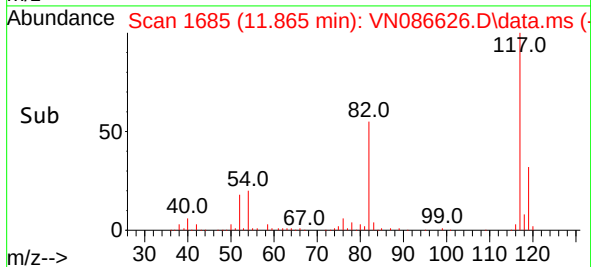
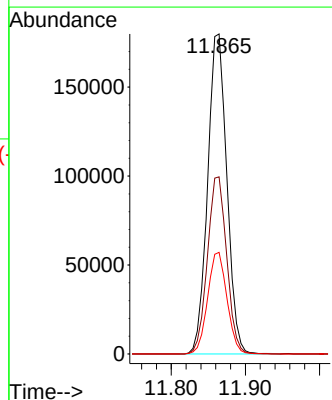
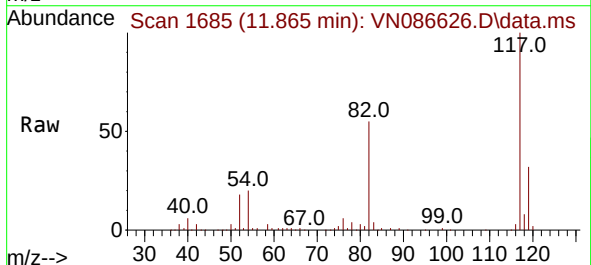
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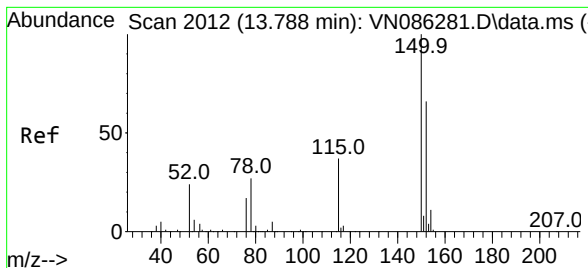
Tgt Ion: 95 Resp: 133648
Ion Ratio Lower Upper
95 100
174 71.5 0.0 133.4
176 68.1 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086626.D
Acq: 14 May 2025 14:56

Tgt Ion: 117 Resp: 324073
Ion Ratio Lower Upper
117 100
82 55.3 44.7 67.1
119 31.8 26.4 39.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086626.D

Acq: 14 May 2025 14:56

Instrument :

MSVOA_N

ClientSampleId :

MOO-25-0134

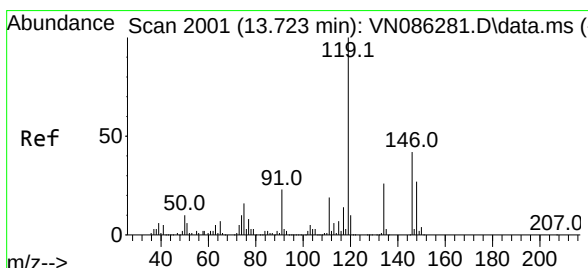
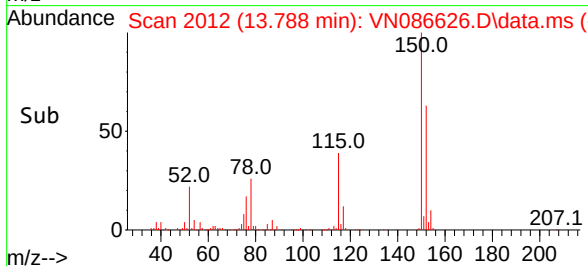
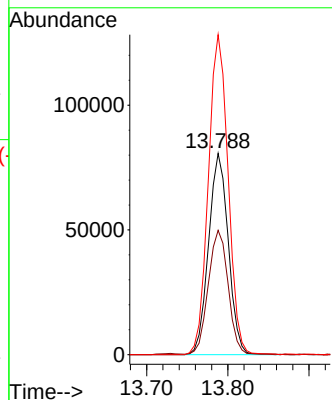
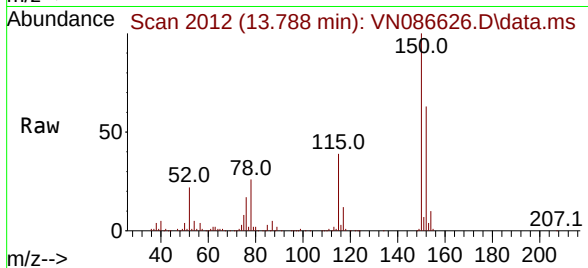
Tgt Ion:152 Resp: 136078

Ion Ratio Lower Upper

152 100

115 62.3 31.9 95.9

150 159.4 0.0 352.0



#86

p-Isopropyltoluene

Concen: 0.943 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086626.D

Acq: 14 May 2025 14:56

Tgt Ion:119 Resp: 8514

Ion Ratio Lower Upper

119 100

134 23.7 13.1 39.1

91 32.6 11.9 35.9

