

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086075.D
 Acq On : 24 Mar 2025 16:25
 Operator : JC\MD
 Sample : Q1606-07
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3025

Quant Time: Mar 25 01:26:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

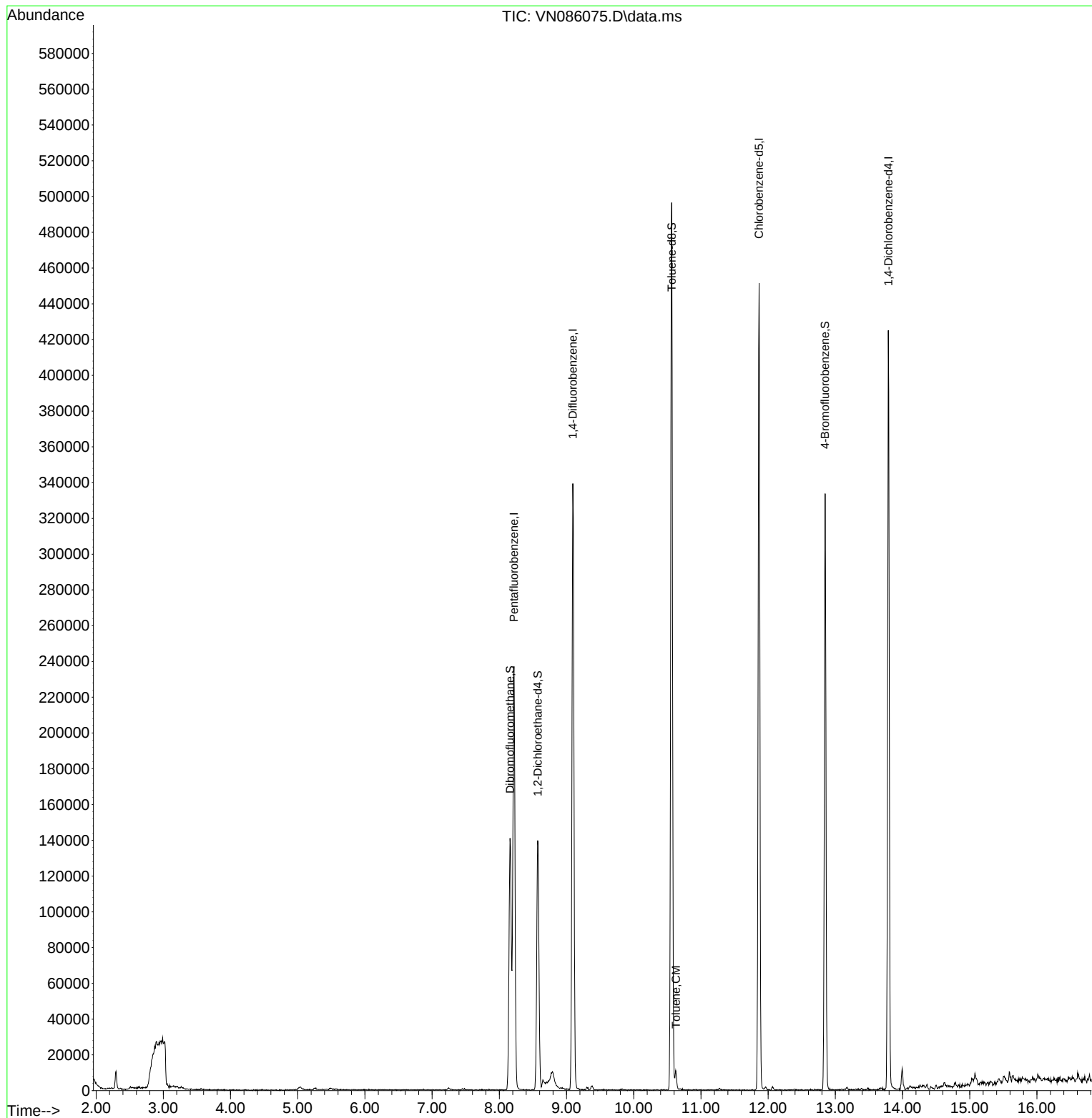
Internal Standards						
1) Pentafluorobenzene	8.218	168	173105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	300884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	272356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	119847	50.560	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.120%	
35) Dibromofluoromethane	8.159	113	104390	49.706	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.420%	
50) Toluene-d8	10.565	98	363898	47.743	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.480%	
62) 4-Bromofluorobenzene	12.847	95	118596	43.630	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	87.260%	
Target Compounds						
52) Toluene	10.630	92	3626	0.681	ug/l	94

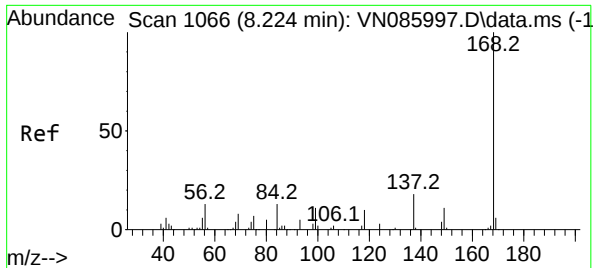
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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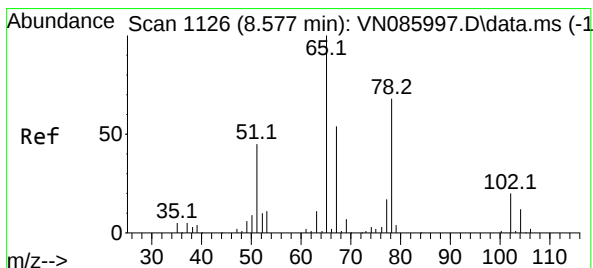
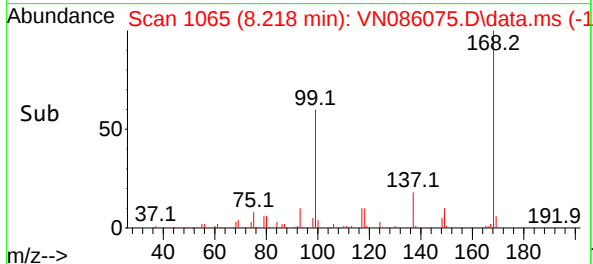
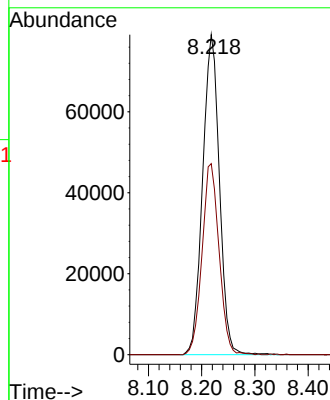
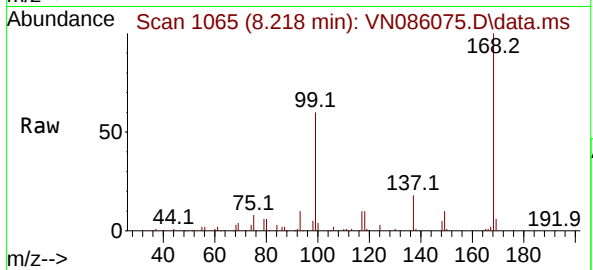




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

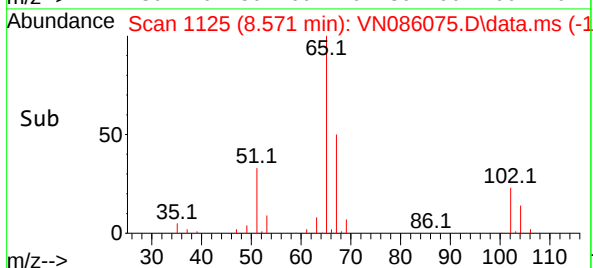
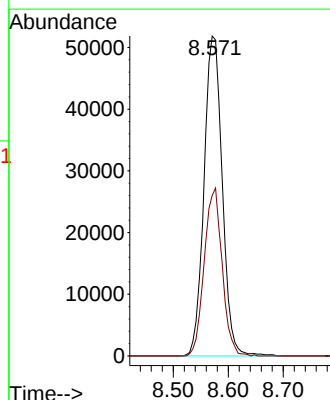
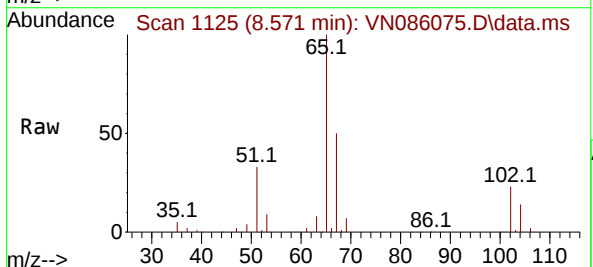
Instrument :
MSVOA_N
ClientSampleId :
RT3025

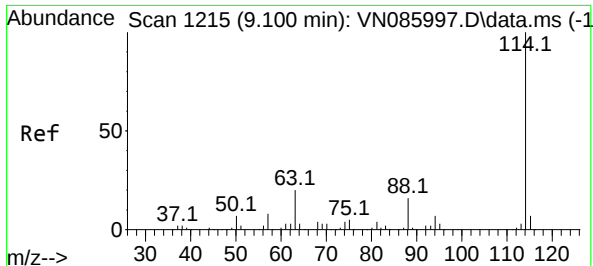
Tgt Ion:168 Resp: 173105
Ion Ratio Lower Upper
168 100
99 59.7 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 50.560 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 65 Resp: 119847
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086075.D

Acq: 24 Mar 2025 16:25

Instrument :

MSVOA_N

ClientSampleId :

RT3025

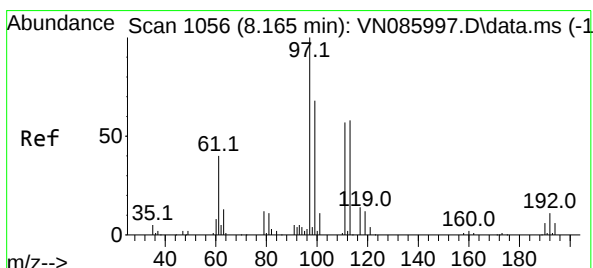
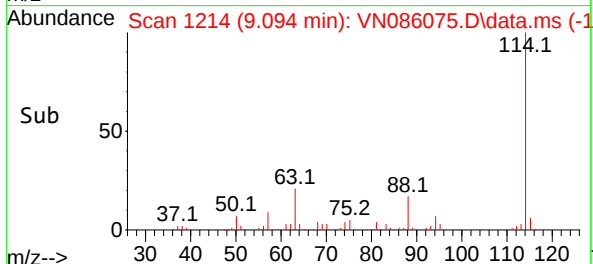
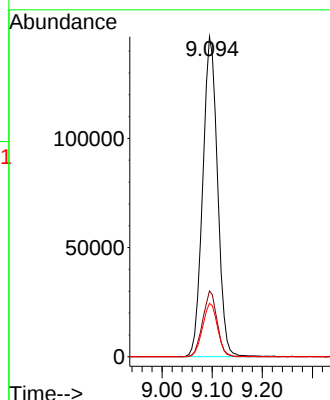
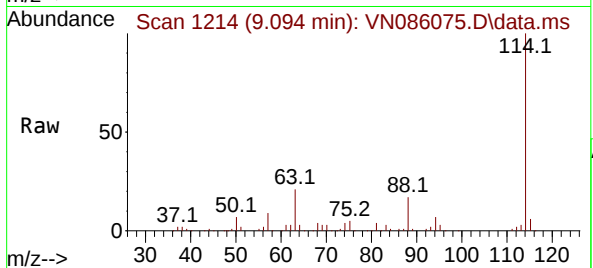
Tgt Ion:114 Resp: 300884

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.706 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086075.D

Acq: 24 Mar 2025 16:25

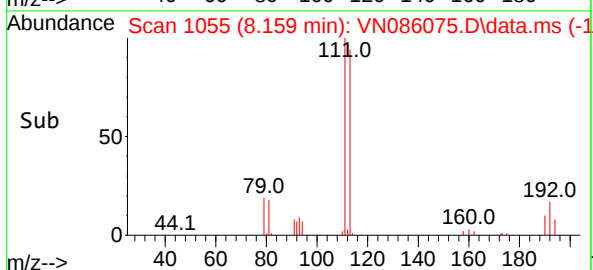
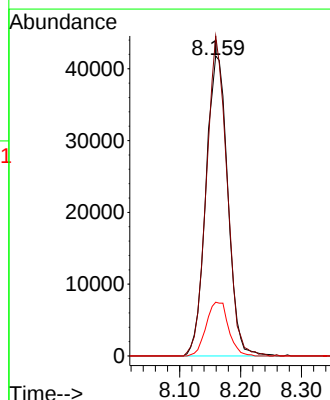
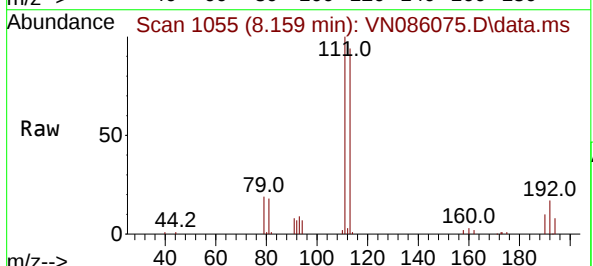
Tgt Ion:113 Resp: 104390

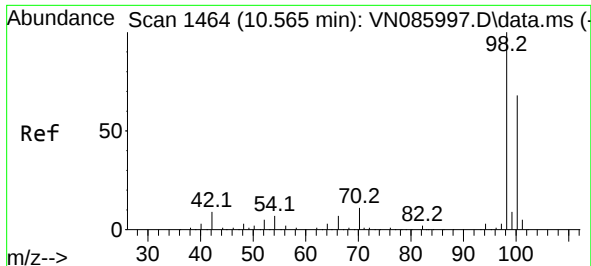
Ion Ratio Lower Upper

113 100

111 100.4 81.8 122.8

192 18.3 15.9 23.9

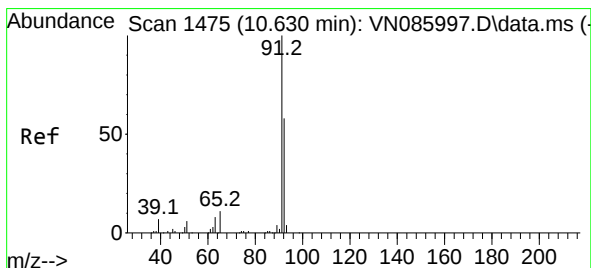
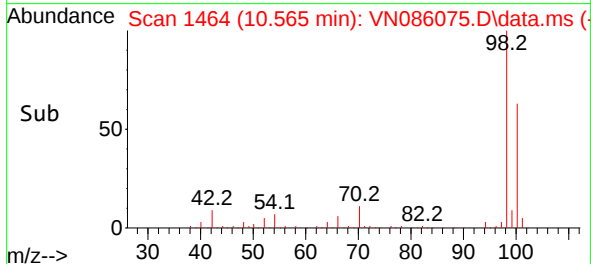
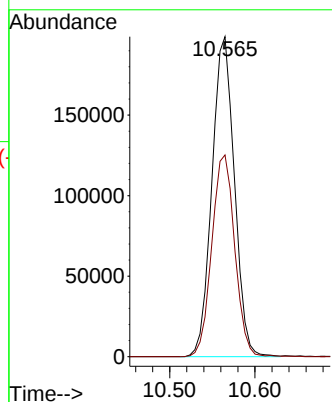
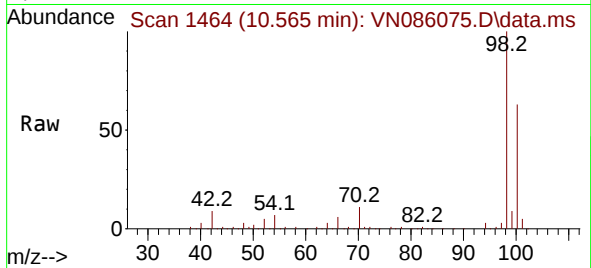




#50
Toluene-d8
Concen: 47.743 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

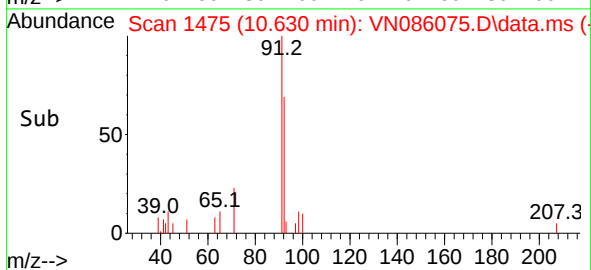
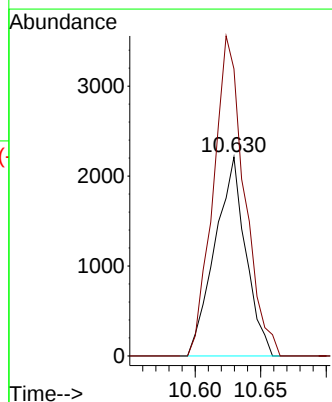
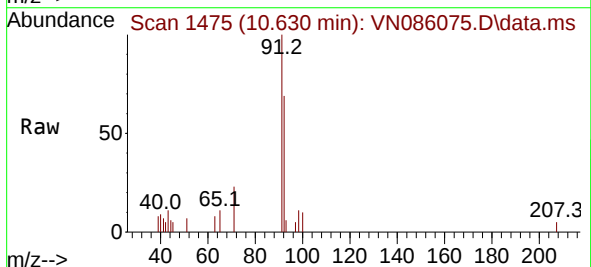
Instrument :
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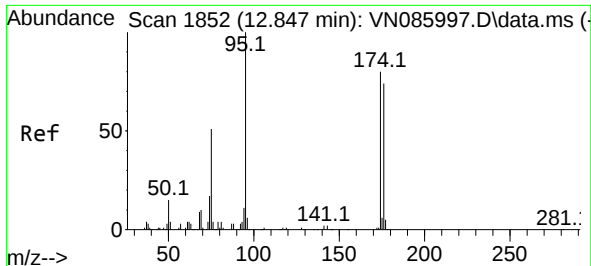
Tgt Ion: 98 Resp: 363898
Ion Ratio Lower Upper
98 100
100 64.4 53.1 79.7



#52
Toluene
Concen: 0.681 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 92 Resp: 3626
Ion Ratio Lower Upper
92 100
91 162.2 136.2 204.4

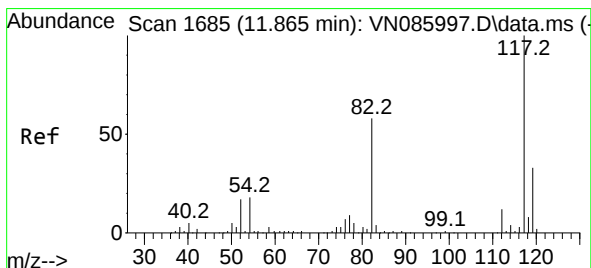
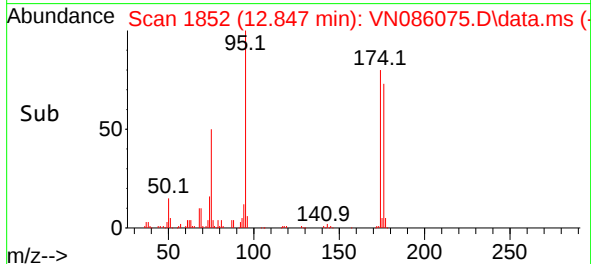
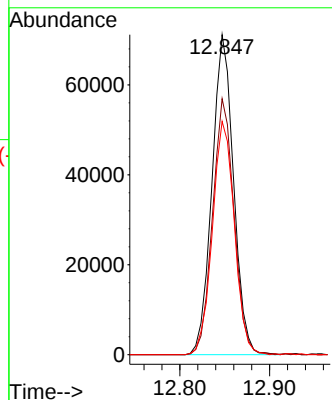
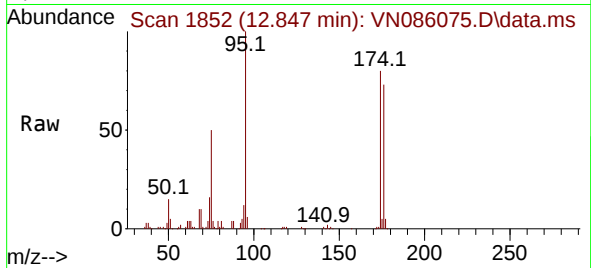




#62
4-Bromofluorobenzene
Concen: 43.630 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

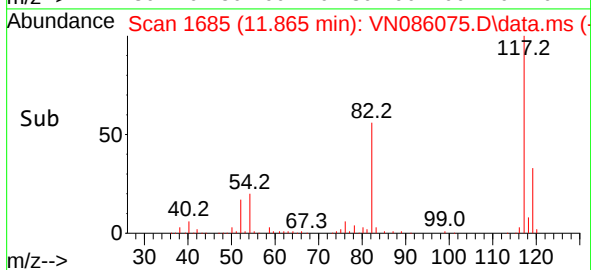
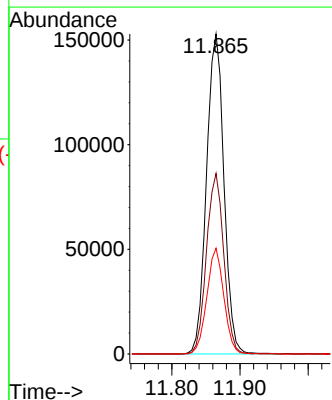
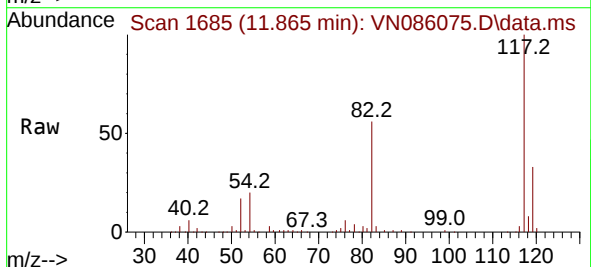
Instrument :
MSVOA_N
ClientSampleId :
RT3025

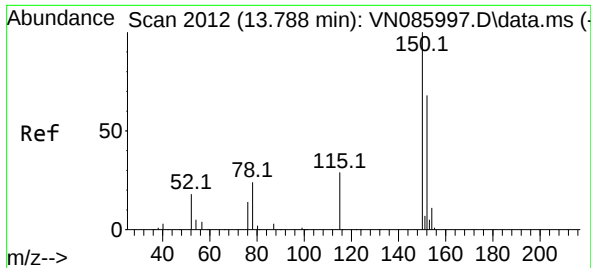
Tgt Ion: 95 Resp: 118596
Ion Ratio Lower Upper
95 100
174 79.7 0.0 156.8
176 74.3 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086075.D
Acq: 24 Mar 2025 16:25

Tgt Ion: 117 Resp: 272356
Ion Ratio Lower Upper
117 100
82 56.4 46.7 70.1
119 33.0 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086075.D
 Acq: 24 Mar 2025 16:25

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3025

Tgt Ion:152 Resp: 119572
 Ion Ratio Lower Upper
 152 100
 115 61.5 31.1 93.2
 150 154.9 0.0 359.6

