

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086076.D
 Acq On : 24 Mar 2025 16:49
 Operator : JC\MD
 Sample : Q1606-09
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT28607

Quant Time: Mar 25 01:26:34 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)

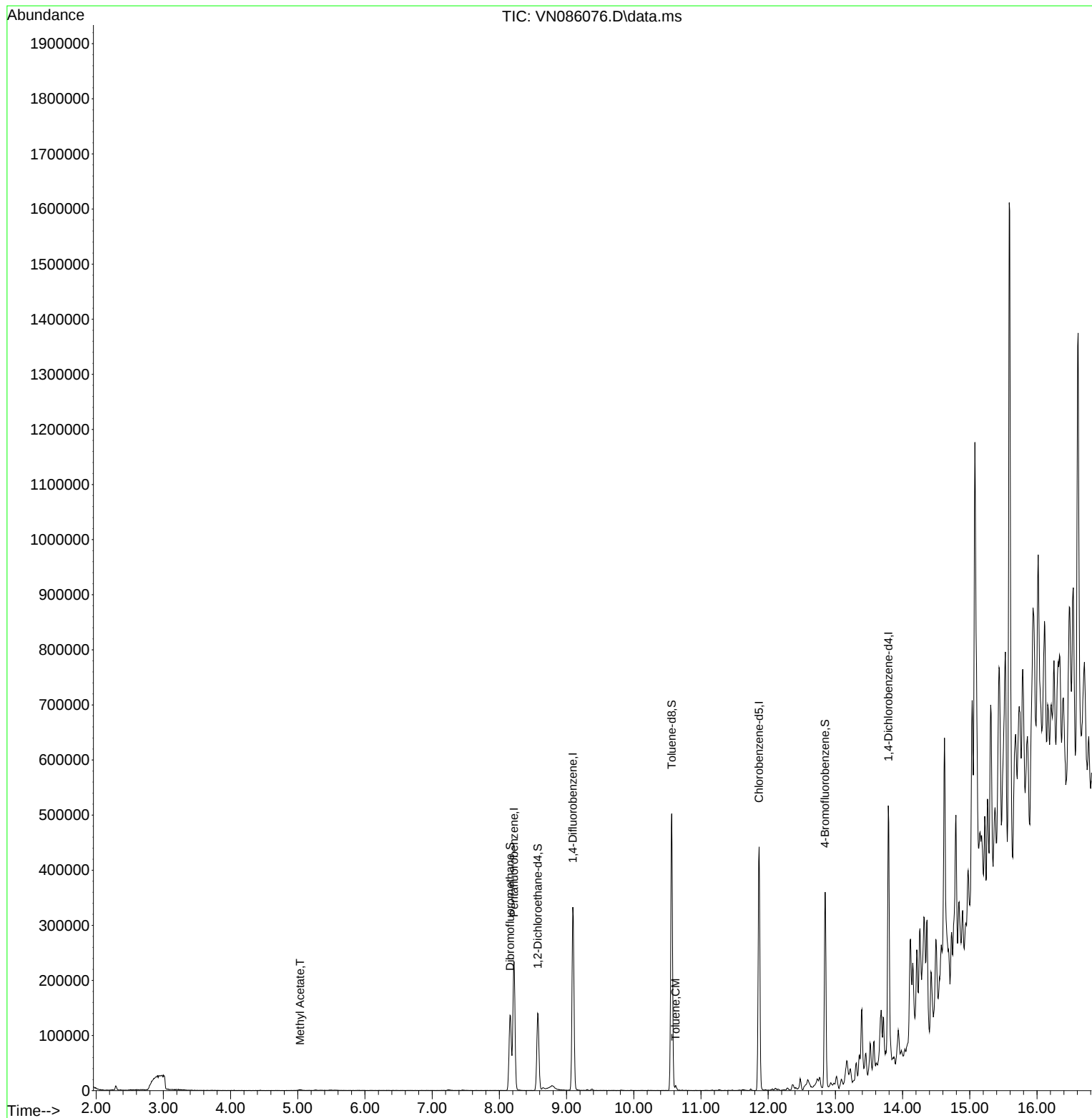
Internal Standards						
1) Pentafluorobenzene	8.218	168	170582	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	292419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	117162	50.158	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.320%			
35) Dibromofluoromethane	8.159	113	99817	48.905	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.800%			
50) Toluene-d8	10.565	98	358429	48.387	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.780%			
62) 4-Bromofluorobenzene	12.847	95	130460	49.384	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.760%			
Target Compounds						
18) Methyl Acetate	5.036	43	3019	1.710	ug/l #	87
52) Toluene	10.623	92	2703	0.522	ug/l	99

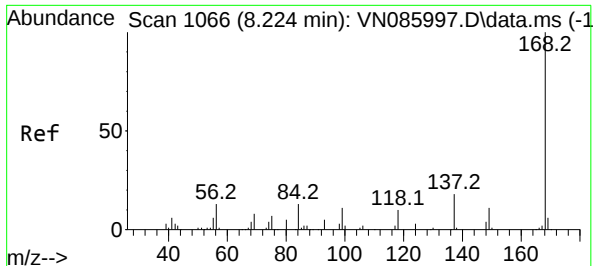
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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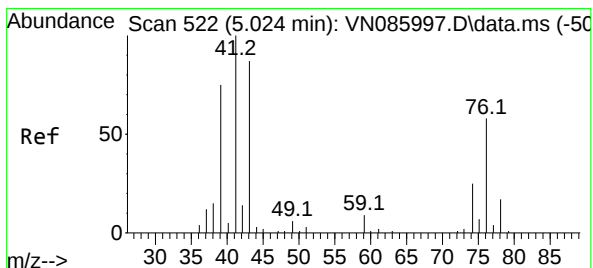
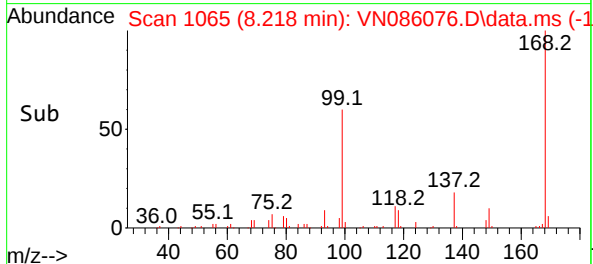
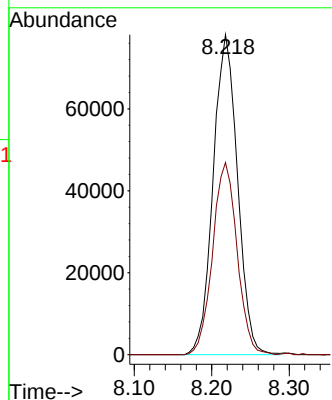
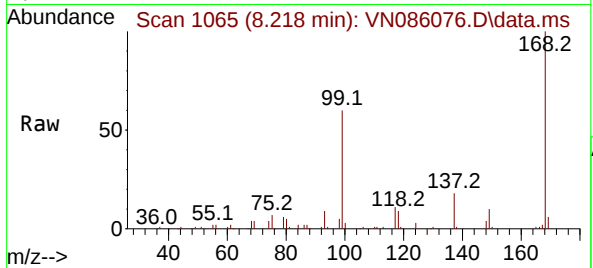




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086076.D
Acq: 24 Mar 2025 16:49

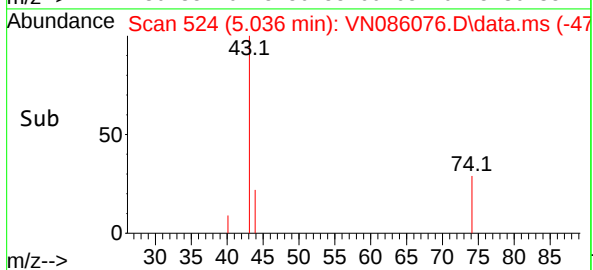
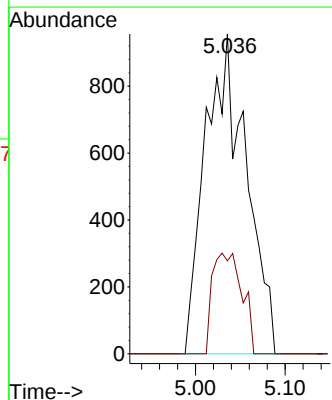
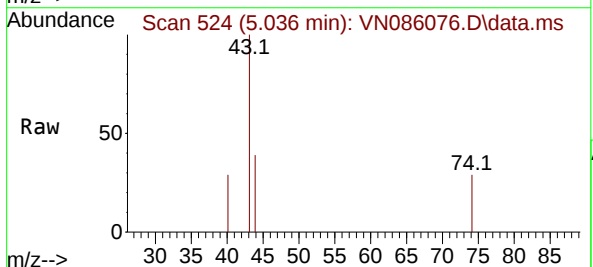
Instrument :
MSVOA_N
ClientSampleId :
CHRT28607

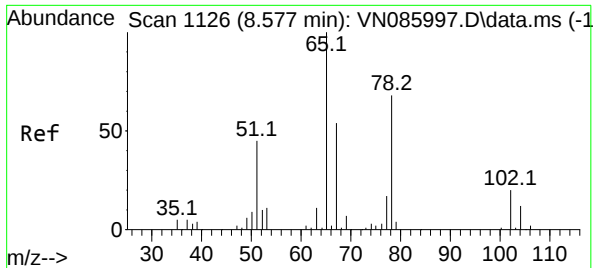
Tgt Ion:168 Resp: 170582
Ion Ratio Lower Upper
168 100
99 60.1 49.4 74.2



#18
Methyl Acetate
Concen: 1.710 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.011 min
Lab File: VN086076.D
Acq: 24 Mar 2025 16:49

Tgt Ion: 43 Resp: 3019
Ion Ratio Lower Upper
43 100
74 22.9 23.9 35.9#





#33

1,2-Dichloroethane-d4

Concen: 50.158 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086076.D

Acq: 24 Mar 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

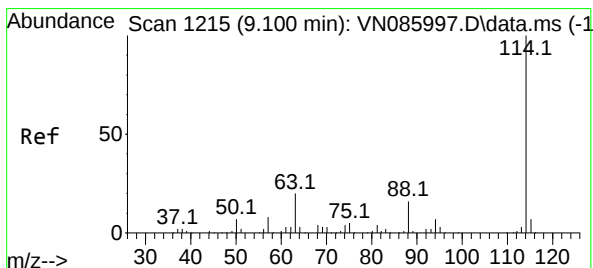
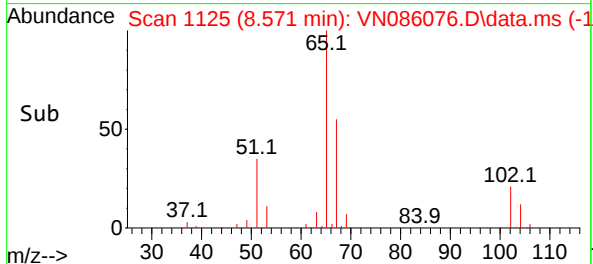
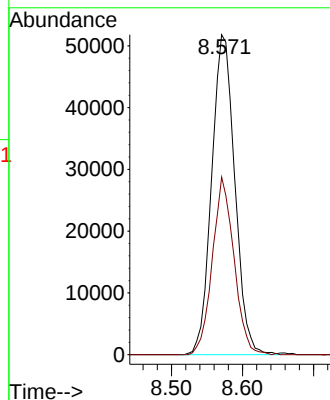
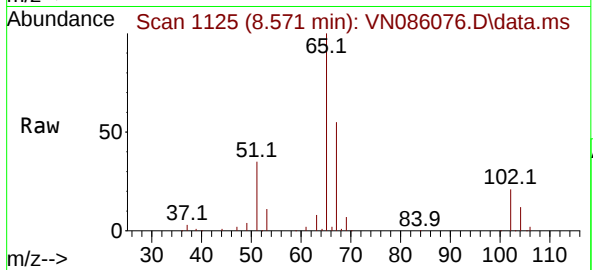
CHRT28607

Tgt Ion: 65 Resp: 117162

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086076.D

Acq: 24 Mar 2025 16:49

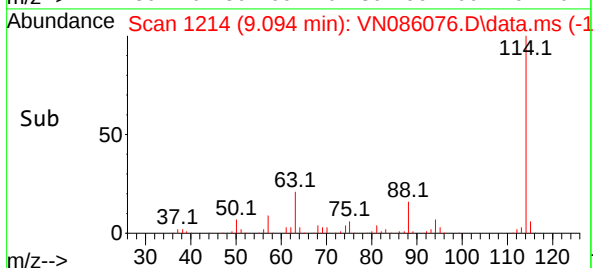
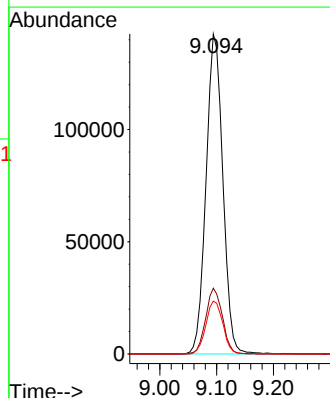
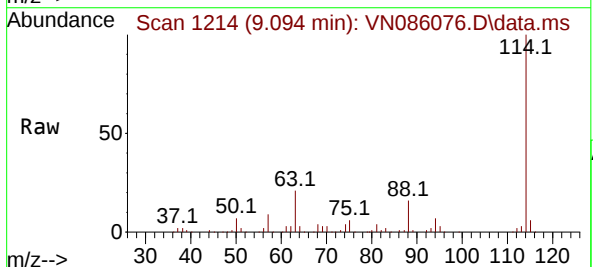
Tgt Ion: 114 Resp: 292419

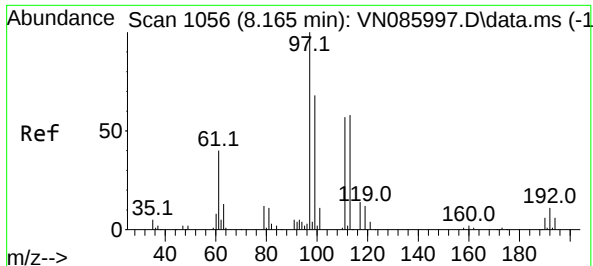
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.905 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086076.D

Acq: 24 Mar 2025 16:49

Instrument :

MSVOA_N

ClientSampleId :

CHRT28607

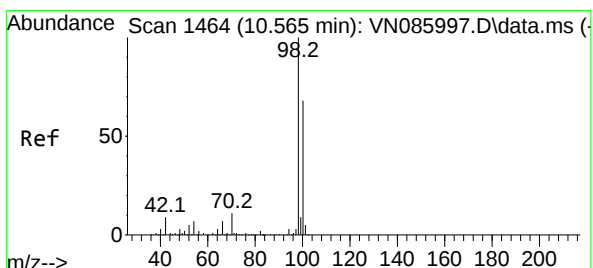
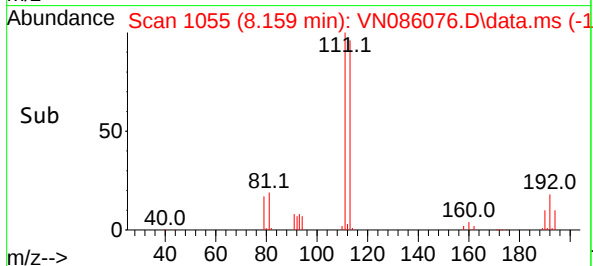
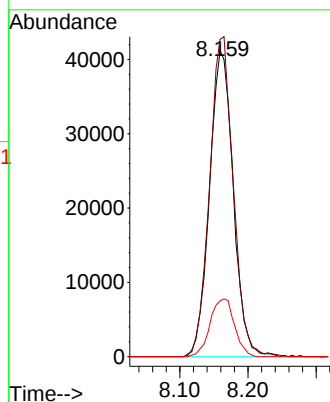
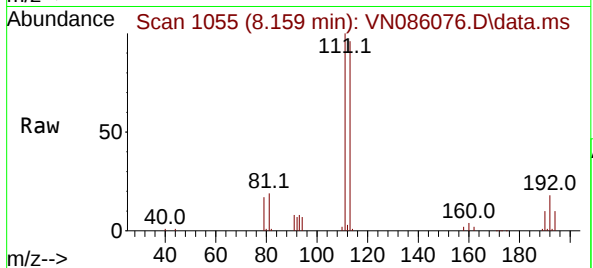
Tgt Ion:113 Resp: 99817

Ion Ratio Lower Upper

113 100

111 104.0 81.8 122.8

192 19.4 15.9 23.9



#50

Toluene-d8

Concen: 48.387 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086076.D

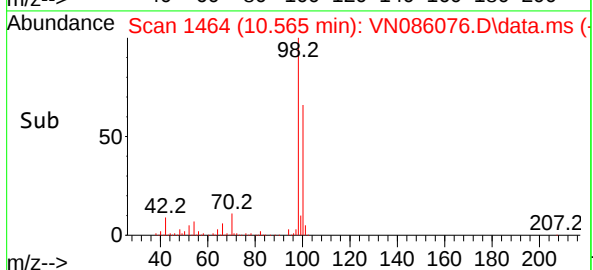
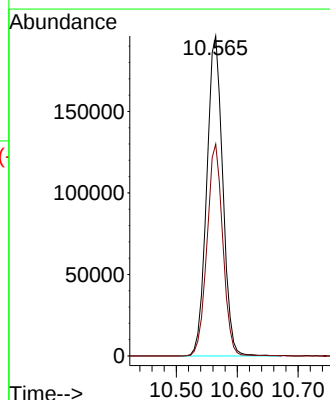
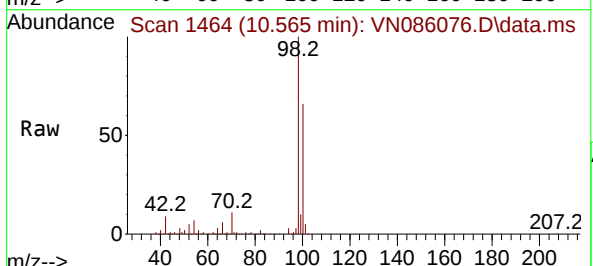
Acq: 24 Mar 2025 16:49

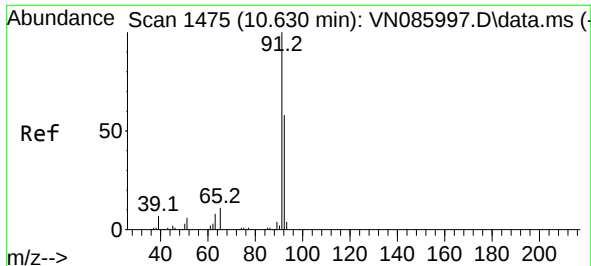
Tgt Ion: 98 Resp: 358429

Ion Ratio Lower Upper

98 100

100 65.2 53.1 79.7

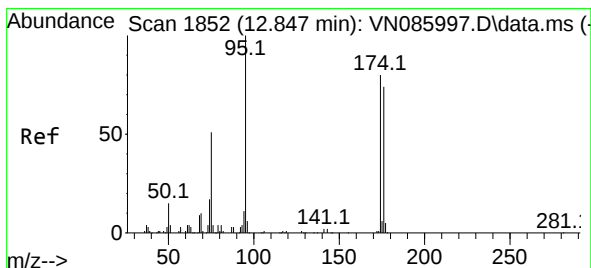
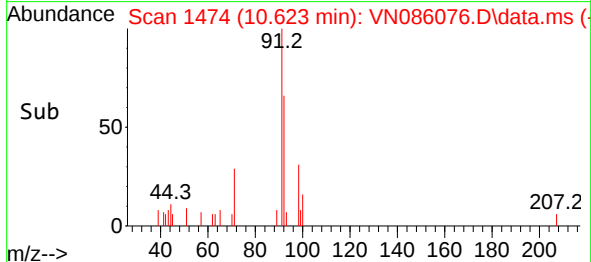
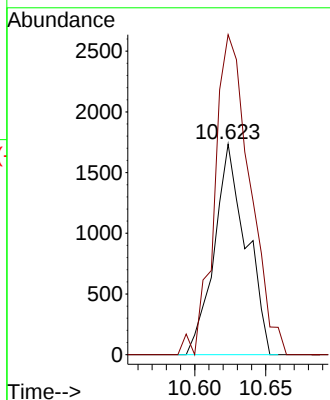
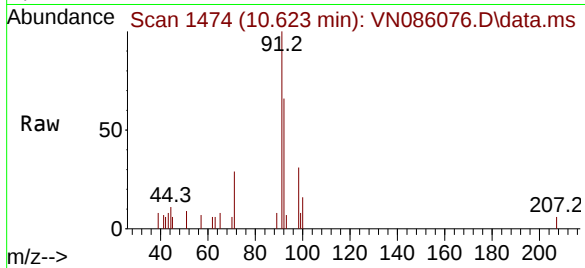




#52
Toluene
Concen: 0.522 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086076.D
Acq: 24 Mar 2025 16:49

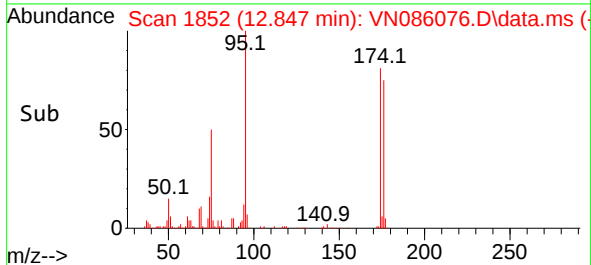
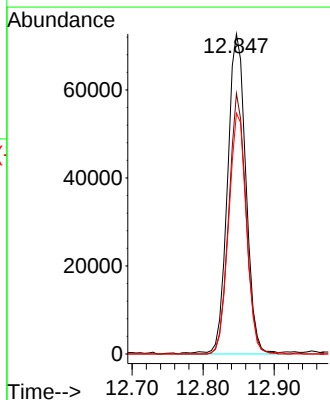
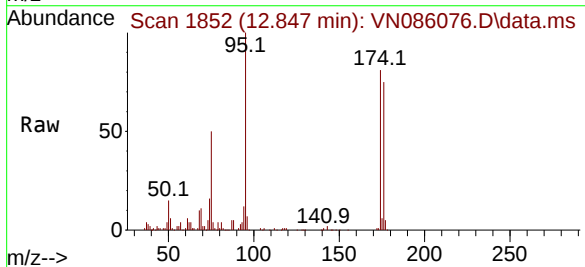
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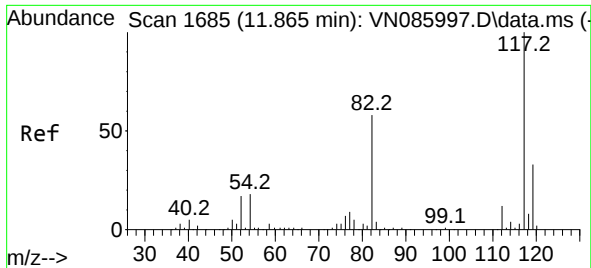
Tgt Ion: 92 Resp: 2703
Ion Ratio Lower Upper
92 100
91 169.1 136.2 204.4



#62
4-Bromofluorobenzene
Concen: 49.384 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086076.D
Acq: 24 Mar 2025 16:49

Tgt Ion: 95 Resp: 130460
Ion Ratio Lower Upper
95 100
174 76.5 0.0 156.8
176 72.6 0.0 152.2

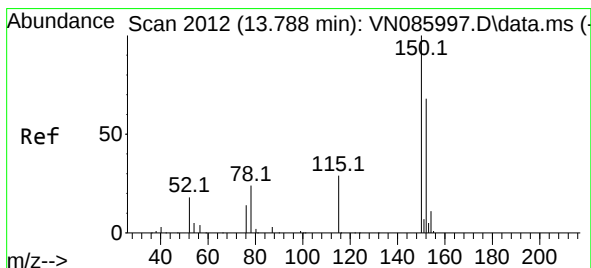
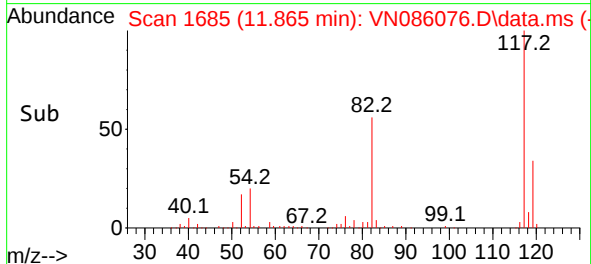
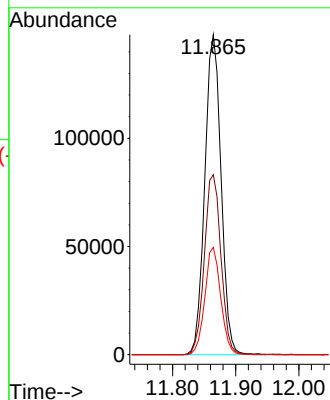
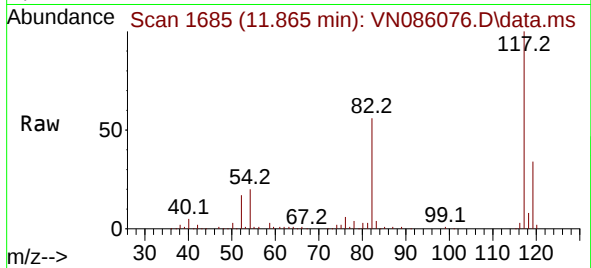




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086076.D
Acq: 24 Mar 2025 16:49

Instrument :
MSVOA_N
ClientSampleId :
CHRT28607

Tgt Ion:117 Resp: 265191
Ion Ratio Lower Upper
117 100
82 56.3 46.7 70.1
119 33.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086076.D
Acq: 24 Mar 2025 16:49

Tgt Ion:152 Resp: 134577
Ion Ratio Lower Upper
152 100
115 62.1 31.1 93.2
150 155.0 0.0 359.6

