

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086074.D
 Acq On : 24 Mar 2025 16:00
 Operator : JC\MD
 Sample : Q1606-01
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT24743

Quant Time: Mar 25 01:25:44 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)

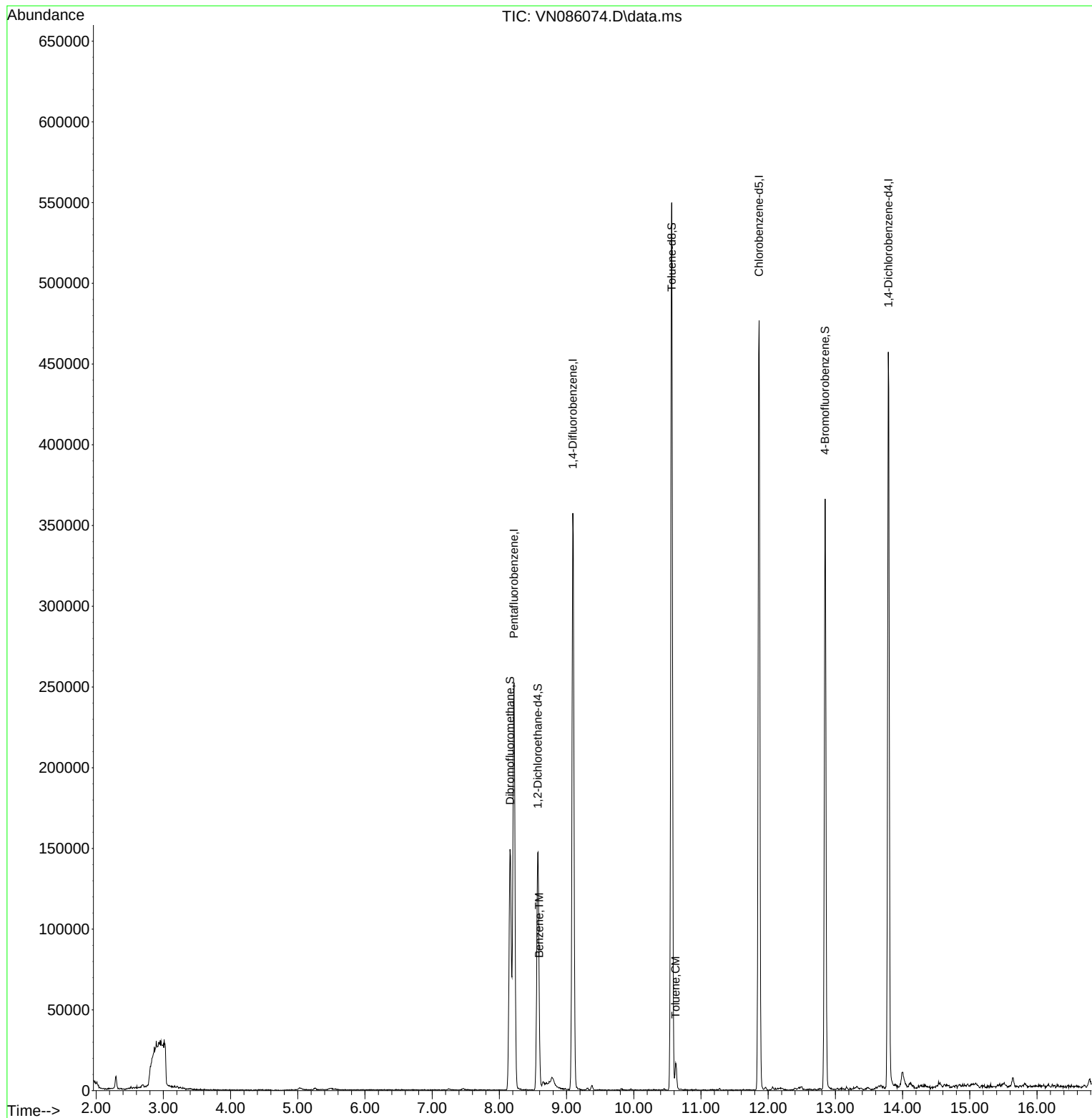
Internal Standards						
1) Pentafluorobenzene	8.218	168	179529	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	317972	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	293686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127839	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124258	50.545	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.100%			
35) Dibromofluoromethane	8.159	113	107680	48.518	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.040%			
50) Toluene-d8	10.565	98	387439	48.100	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.200%			
62) 4-Bromofluorobenzene	12.847	95	133669	46.532	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.060%			
Target Compounds						
40) Benzene	8.594	78	3613	0.394	ug/l	97
52) Toluene	10.624	92	6326	1.123	ug/l	92

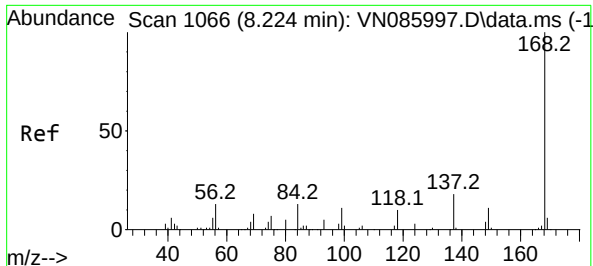
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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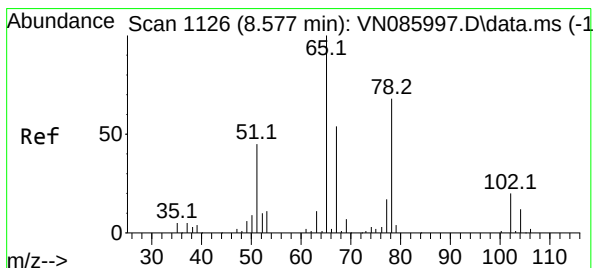
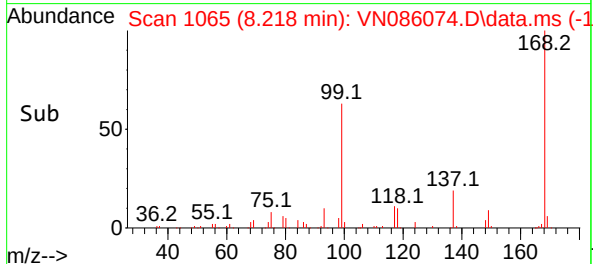
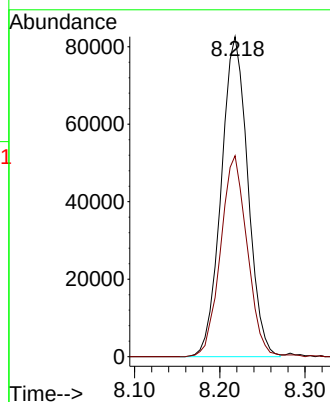
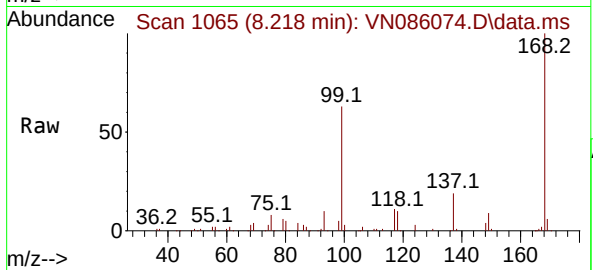




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN086074.D
Acq: 24 Mar 2025 16:00

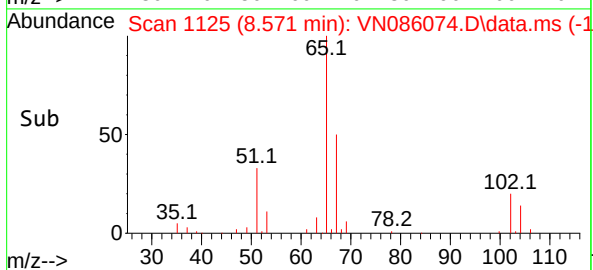
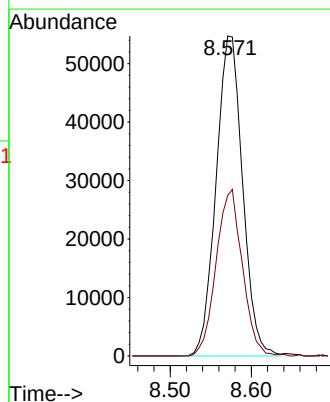
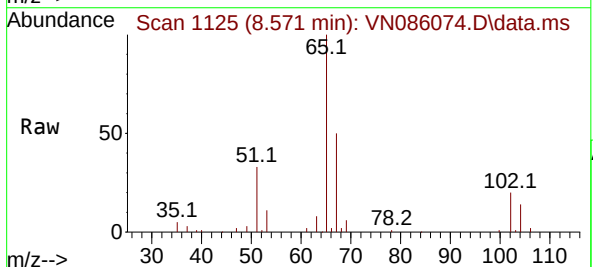
Instrument :
MSVOA_N
ClientSampleId :
CHRT24743

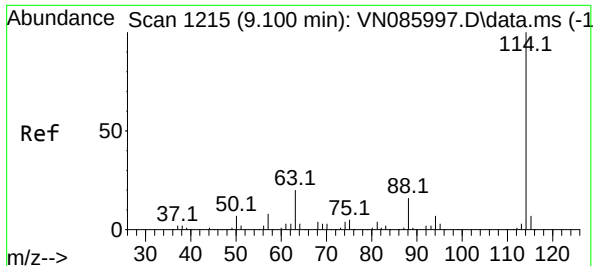
Tgt Ion:168 Resp: 179529
Ion Ratio Lower Upper
168 100
99 62.8 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 50.545 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086074.D
Acq: 24 Mar 2025 16:00

Tgt Ion: 65 Resp: 124258
Ion Ratio Lower Upper
65 100
67 51.6 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: VN086074.D

Acq: 24 Mar 2025 16:00

Instrument :

MSVOA_N

ClientSampleId :

CHRT24743

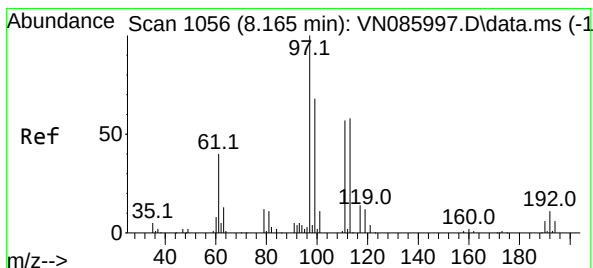
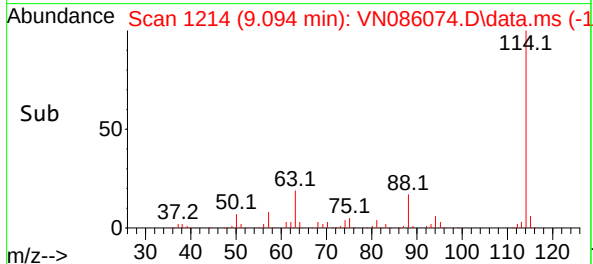
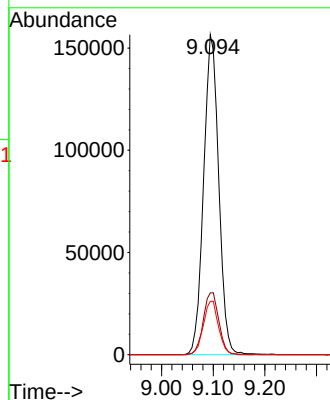
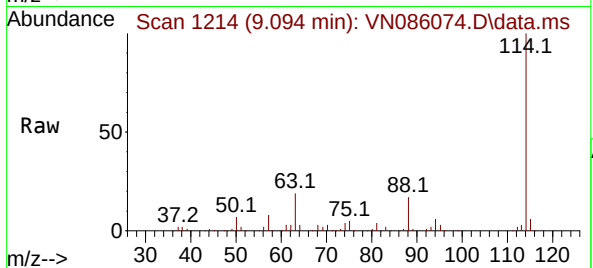
Tgt Ion:114 Resp: 317972

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.518 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086074.D

Acq: 24 Mar 2025 16:00

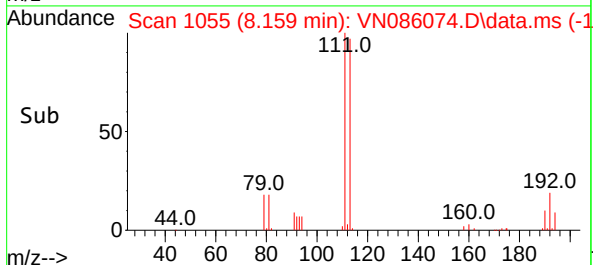
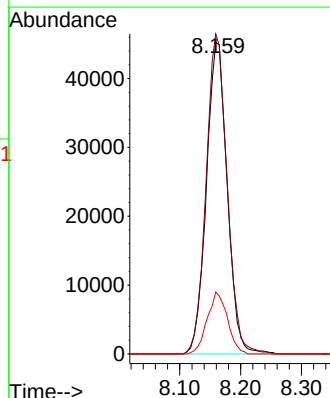
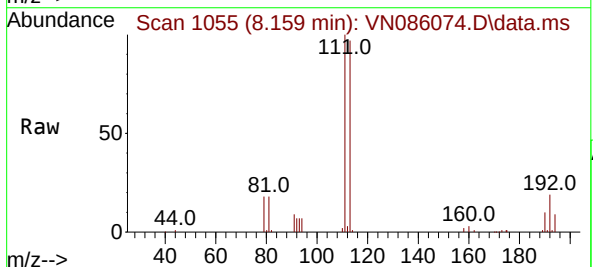
Tgt Ion:113 Resp: 107680

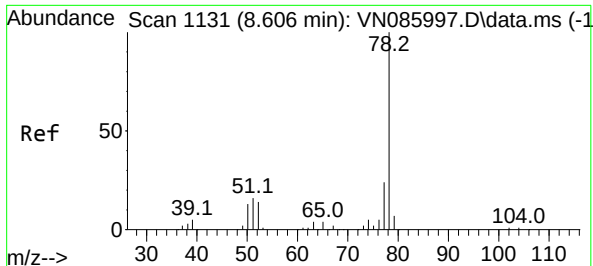
Ion Ratio Lower Upper

113 100

111 103.4 81.8 122.8

192 19.3 15.9 23.9





#40

Benzene

Concen: 0.394 ug/l

RT: 8.594 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VN086074.D

Acq: 24 Mar 2025 16:00

Instrument :

MSVOA_N

ClientSampleId :

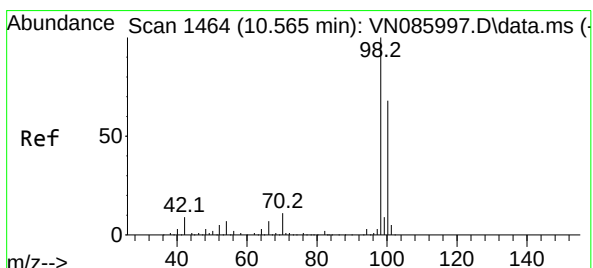
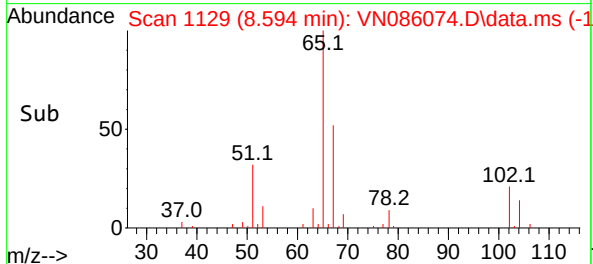
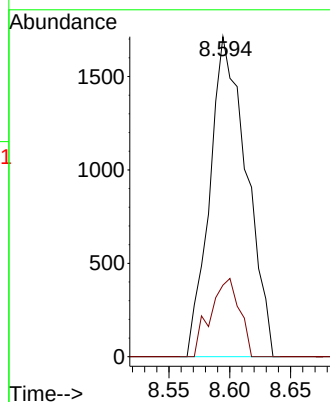
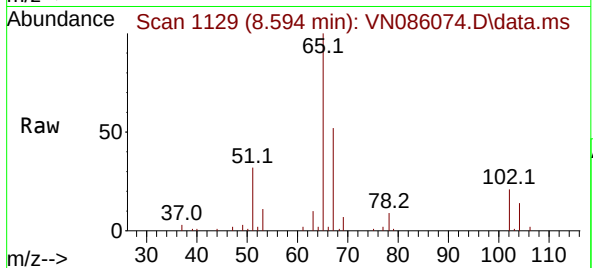
CHRT24743

Tgt Ion: 78 Resp: 3613

Ion Ratio Lower Upper

78 100

77 22.4 18.9 28.3



#50

Toluene-d8

Concen: 48.100 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086074.D

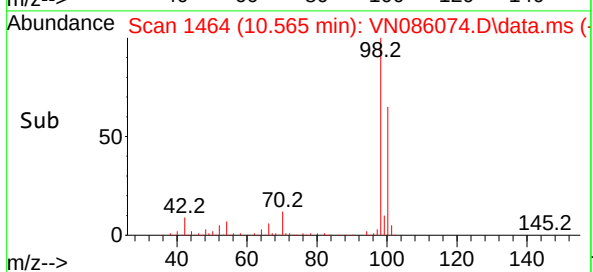
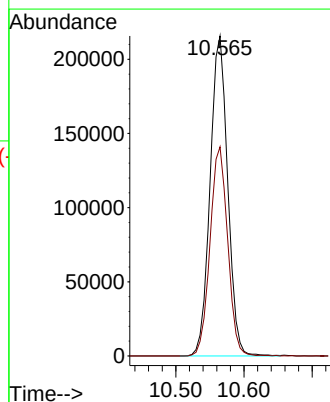
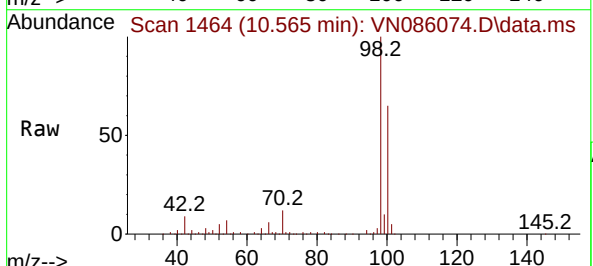
Acq: 24 Mar 2025 16:00

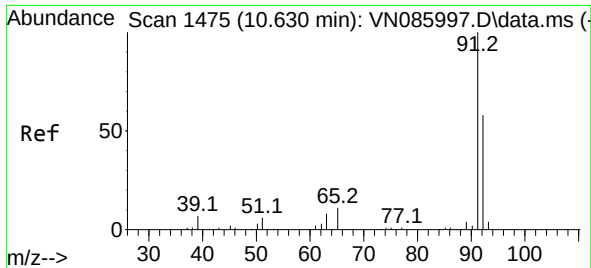
Tgt Ion: 98 Resp: 387439

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7

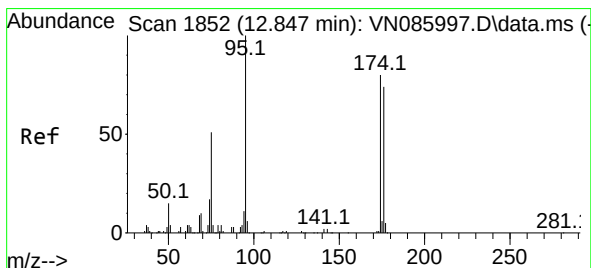
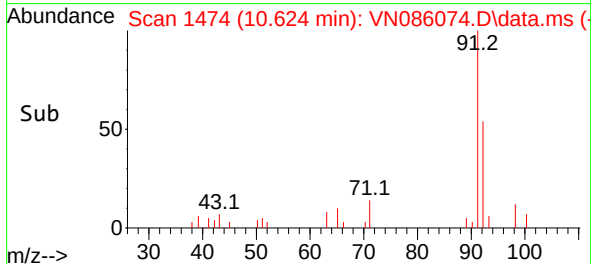
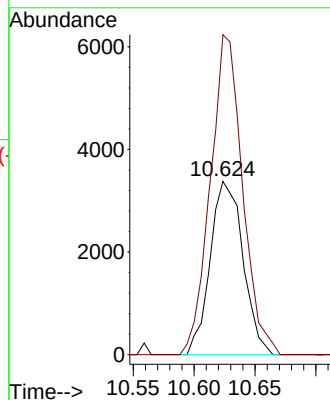
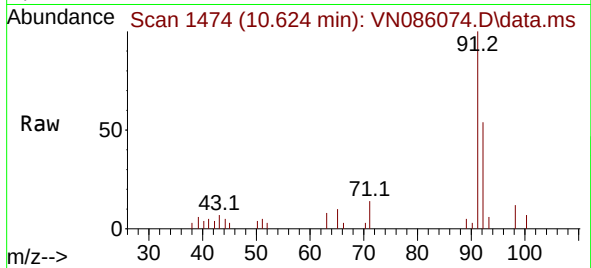




#52
Toluene
Concen: 1.123 ug/l
RT: 10.624 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086074.D
Acq: 24 Mar 2025 16:00

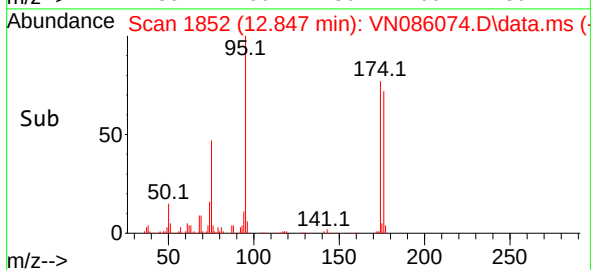
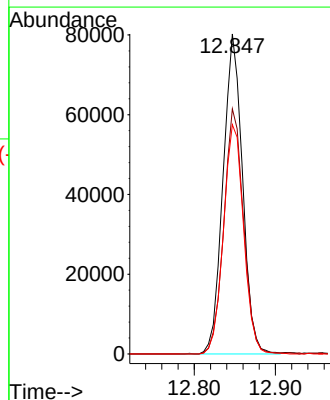
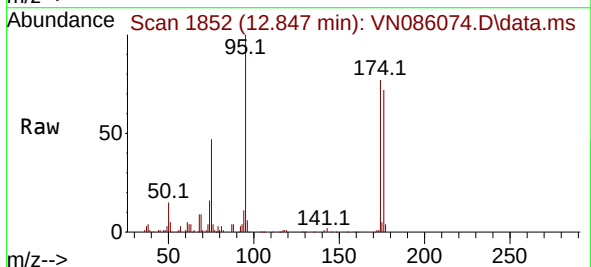
Instrument :
MSVOA_N
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CHRT24743

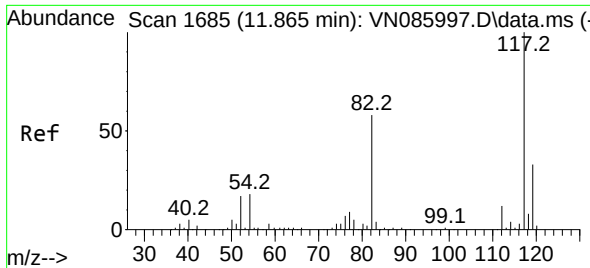
Tgt Ion: 92 Resp: 6326
Ion Ratio Lower Upper
92 100
91 181.5 136.2 204.4



#62
4-Bromofluorobenzene
Concen: 46.532 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086074.D
Acq: 24 Mar 2025 16:00

Tgt Ion: 95 Resp: 133669
Ion Ratio Lower Upper
95 100
174 77.7 0.0 156.8
176 74.2 0.0 152.2

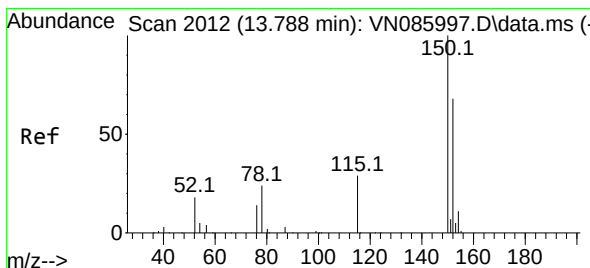
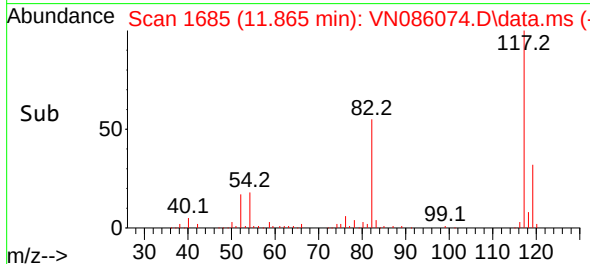
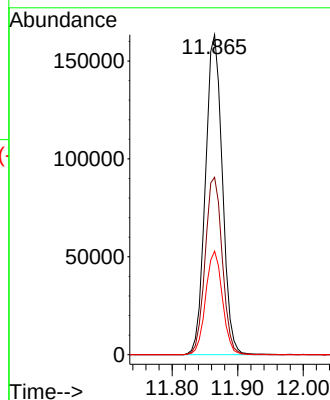
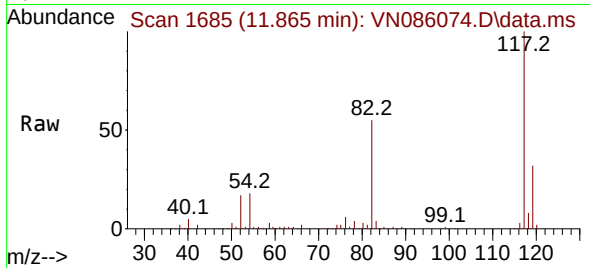




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086074.D
Acq: 24 Mar 2025 16:00

Instrument :
MSVOA_N
ClientSampleId :
CHRT24743

Tgt Ion:117 Resp: 293686
Ion Ratio Lower Upper
117 100
82 55.5 46.7 70.1
119 32.3 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: VN086074.D
Acq: 24 Mar 2025 16:00

Tgt Ion:152 Resp: 127839
Ion Ratio Lower Upper
152 100
115 65.2 31.1 93.2
150 161.8 0.0 359.6

