

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086056.D
 Acq On : 21 Mar 2025 21:42
 Operator : JC\MD
 Sample : Q1606-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT24743

Quant Time: Mar 21 23:06:24 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)

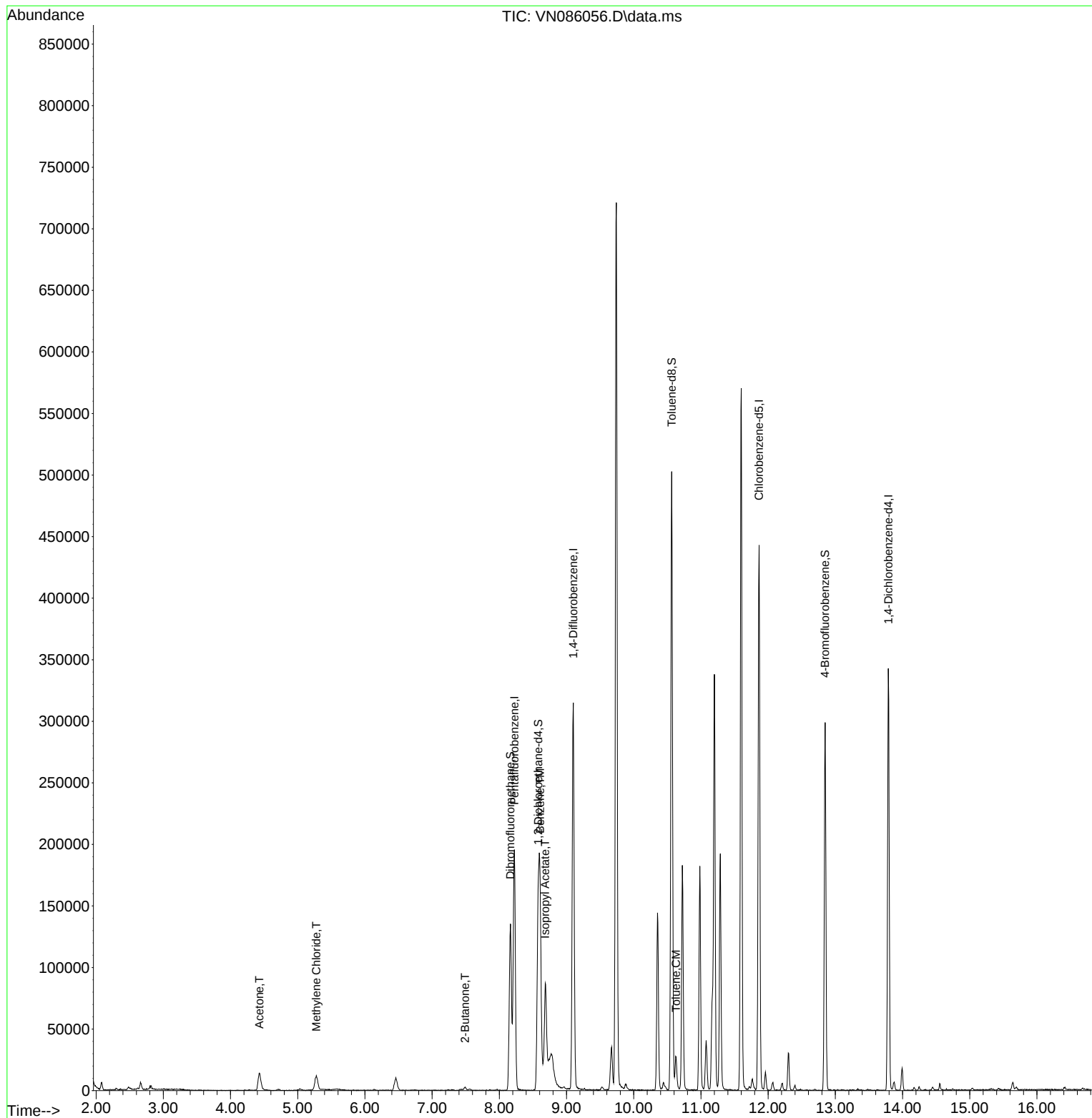
Internal Standards						
1) Pentafluorobenzene	8.224	168	141153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113088	58.508	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 117.020%			
35) Dibromofluoromethane	8.165	113	95919	50.372	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.740%			
50) Toluene-d8	10.565	98	354788	51.337	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.680%			
62) 4-Bromofluorobenzene	12.847	95	102182	41.459	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 82.920%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	26979	45.688	ug/l	95
20) Methylene Chloride	5.277	84	9403	5.443	ug/l #	84
25) 2-Butanone	7.489	43	4491	5.271	ug/l	91
40) Benzene	8.606	78	171756	21.821	ug/l	98
43) Isopropyl Acetate	8.683	43	106792	23.298	ug/l #	78
52) Toluene	10.630	92	12147	2.514	ug/l	94

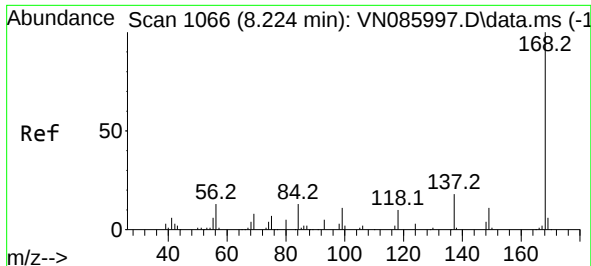
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
Data File : VN086056.D
Acq On : 21 Mar 2025 21:42
Operator : JC\MD
Sample : Q1606-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CHRT24743

Quant Time: Mar 21 23:06:24 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

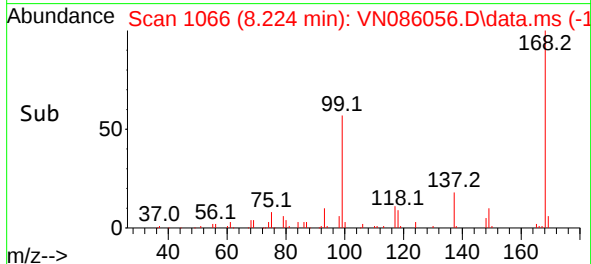
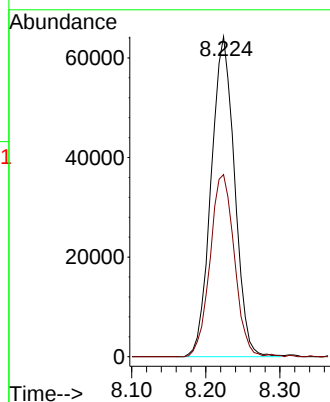
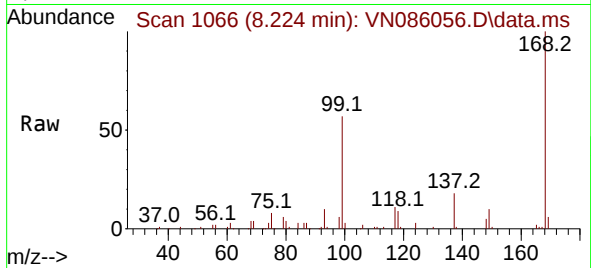




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086056.D
Acq: 21 Mar 2025 21:42

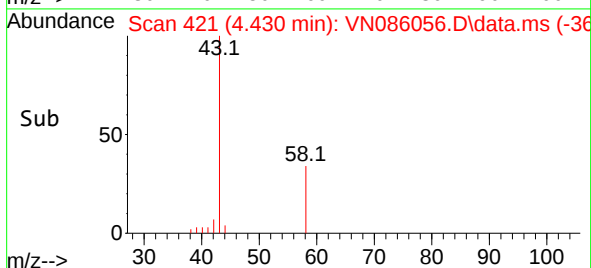
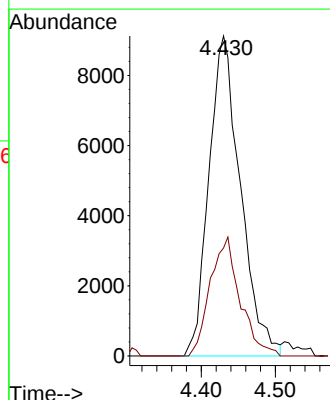
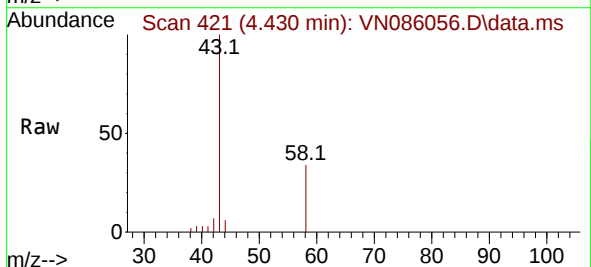
Instrument :
MSVOA_N
ClientSampleId :
CHRT24743

Tgt Ion:168 Resp: 141153
Ion Ratio Lower Upper
168 100
99 56.9 49.4 74.2



#16
Acetone
Concen: 45.688 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086056.D
Acq: 21 Mar 2025 21:42

Tgt Ion: 43 Resp: 26979
Ion Ratio Lower Upper
43 100
58 33.7 29.4 44.2





#20

Methylene Chloride

Concen: 5.443 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN086056.D

Acq: 21 Mar 2025 21:42

Instrument :

MSVOA_N

ClientSampleId :

CHRT24743

Tgt Ion: 84 Resp: 9403

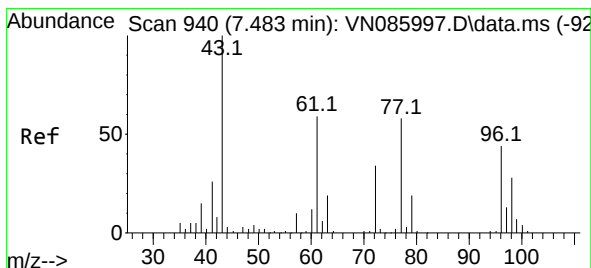
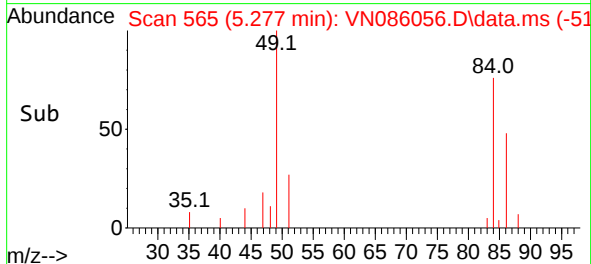
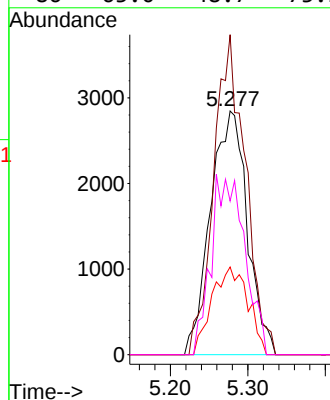
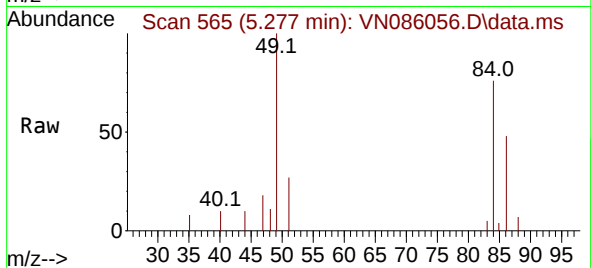
Ion Ratio Lower Upper

84 100

49 131.3 83.3 124.9#

51 36.0 24.8 37.2

86 63.0 48.7 73.1



#25

2-Butanone

Concen: 5.271 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN086056.D

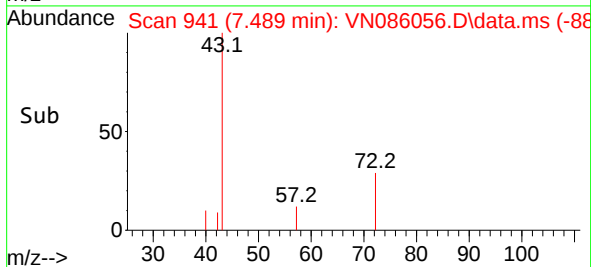
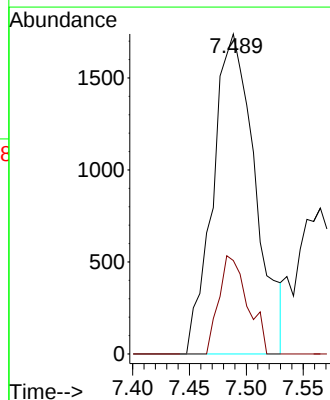
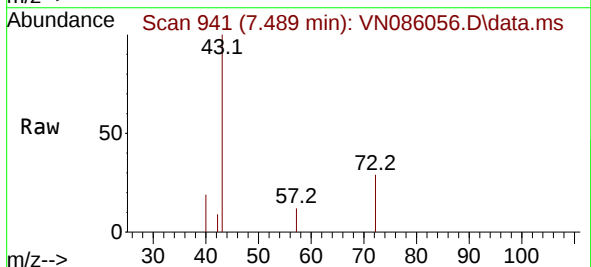
Acq: 21 Mar 2025 21:42

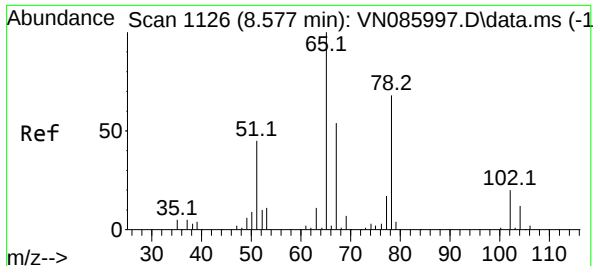
Tgt Ion: 43 Resp: 4491

Ion Ratio Lower Upper

43 100

72 29.2 27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 58.508 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086056.D

Acq: 21 Mar 2025 21:42

Instrument :

MSVOA_N

ClientSampleId :

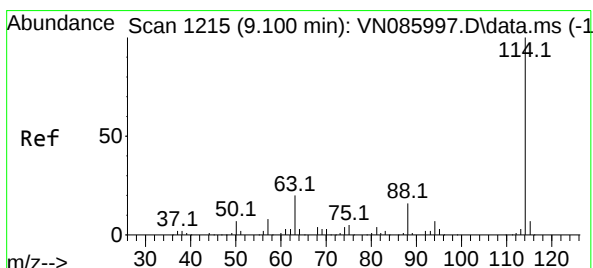
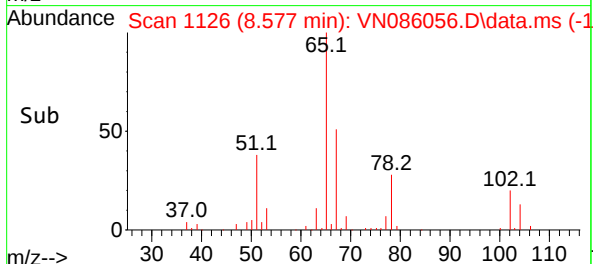
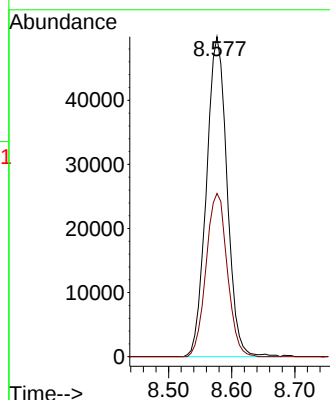
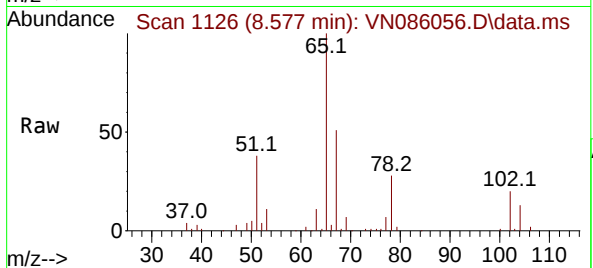
CHRT24743

Tgt Ion: 65 Resp: 113088

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086056.D

Acq: 21 Mar 2025 21:42

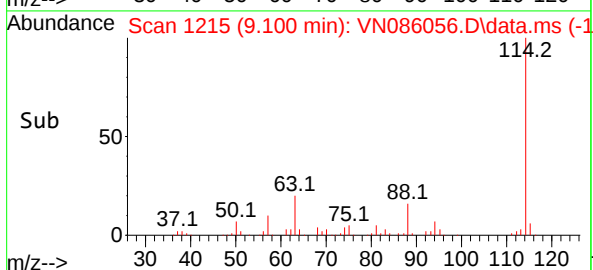
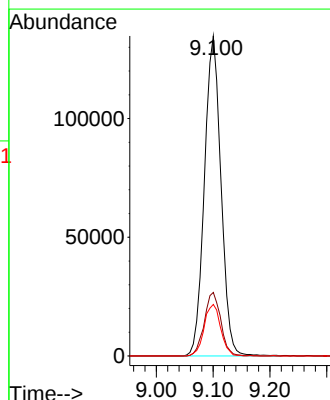
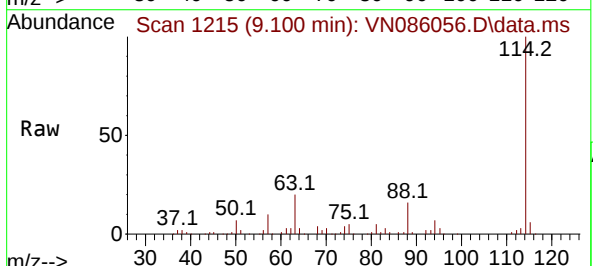
Tgt Ion: 114 Resp: 272815

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 16.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.372 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086056.D

Acq: 21 Mar 2025 21:42

Instrument :

MSVOA_N

ClientSampleId :

CHRT24743

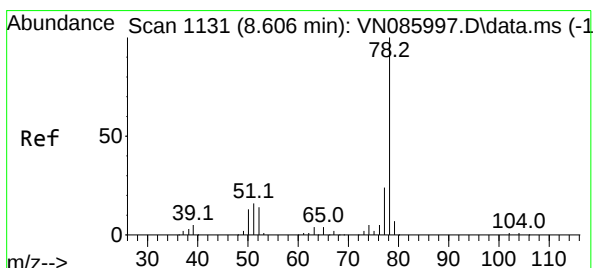
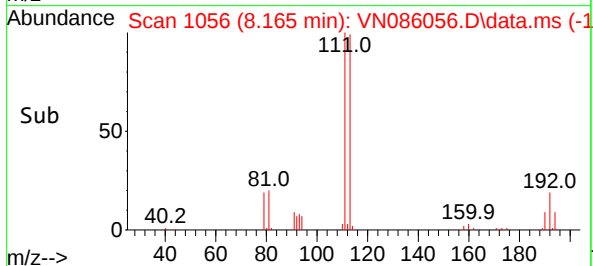
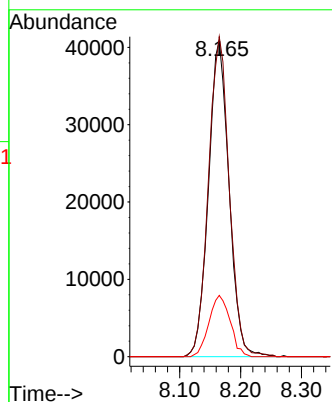
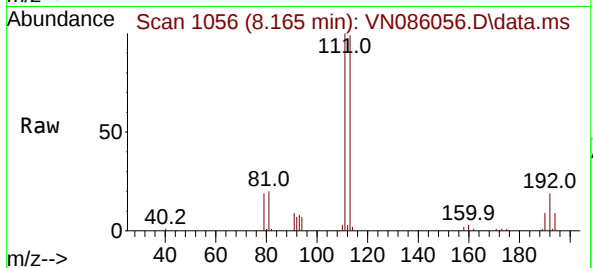
Tgt Ion:113 Resp: 95919

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 20.0 15.9 23.9



#40

Benzene

Concen: 21.821 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086056.D

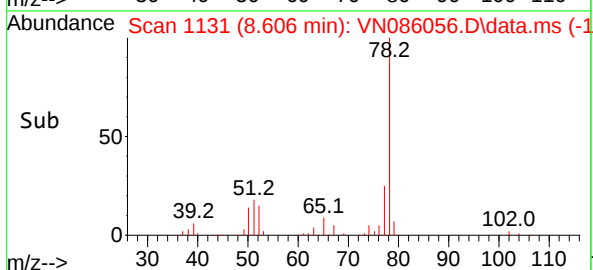
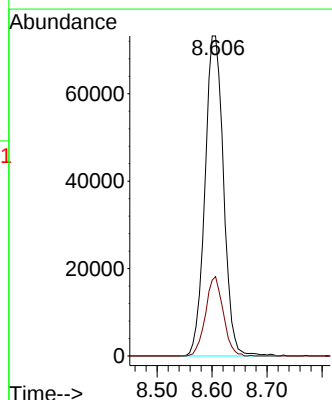
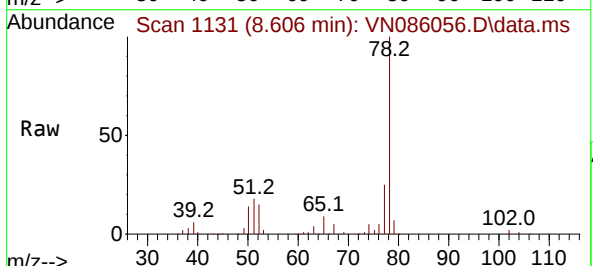
Acq: 21 Mar 2025 21:42

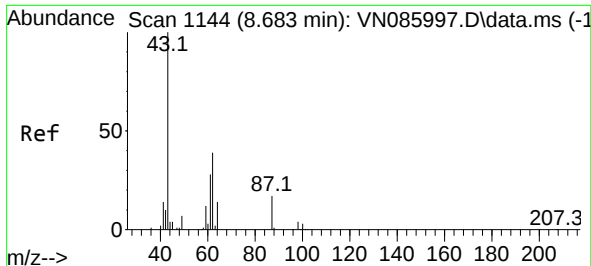
Tgt Ion: 78 Resp: 171756

Ion Ratio Lower Upper

78 100

77 24.8 18.9 28.3

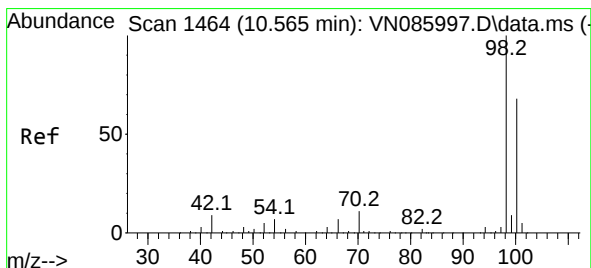
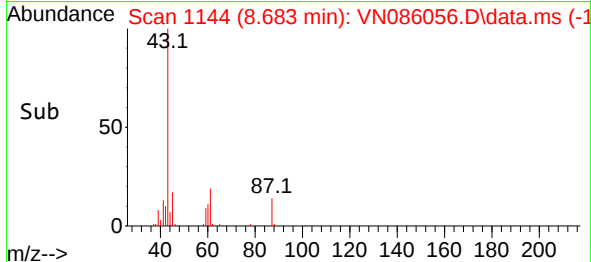
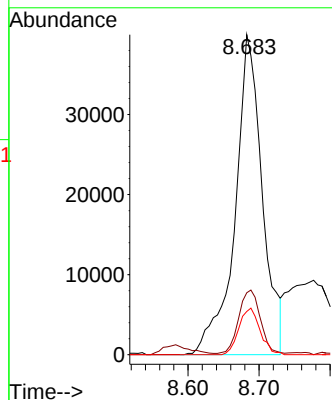
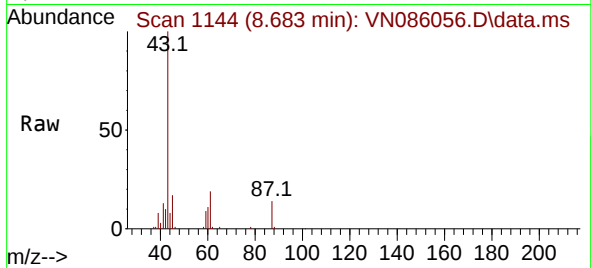




#43
Isopropyl Acetate
Concen: 23.298 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086056.D
Acq: 21 Mar 2025 21:42

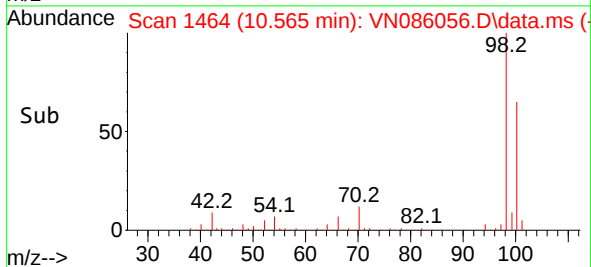
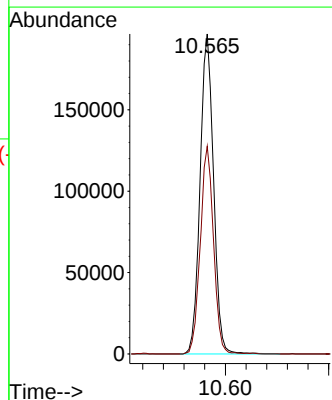
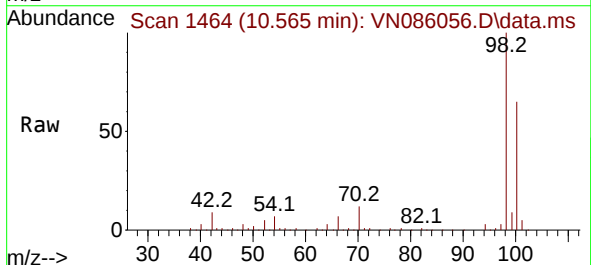
Instrument :
MSVOA_N
ClientSampleId :
CHRT24743

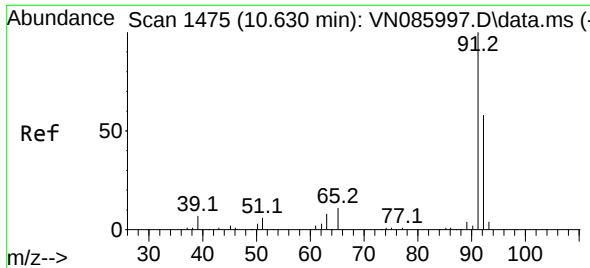
Tgt Ion: 43 Resp: 106792
Ion Ratio Lower Upper
43 100
61 16.3 25.0 37.6#
87 11.3 13.0 19.4#



#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086056.D
Acq: 21 Mar 2025 21:42

Tgt Ion: 98 Resp: 354788
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

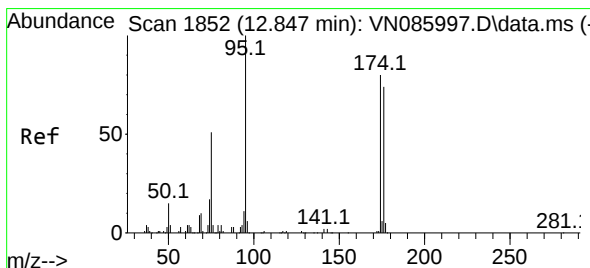
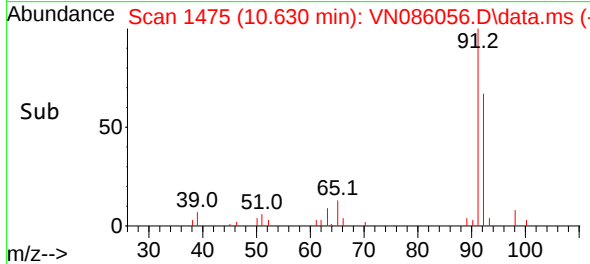
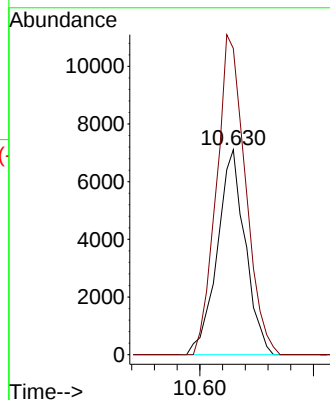
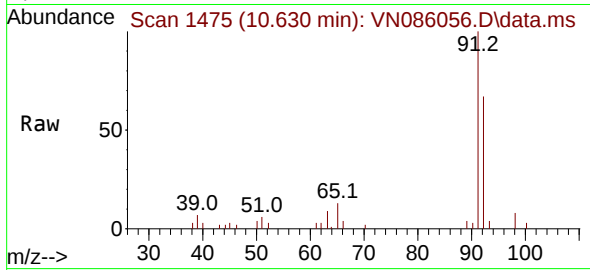




#52
Toluene
Concen: 2.514 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086056.D
Acq: 21 Mar 2025 21:42

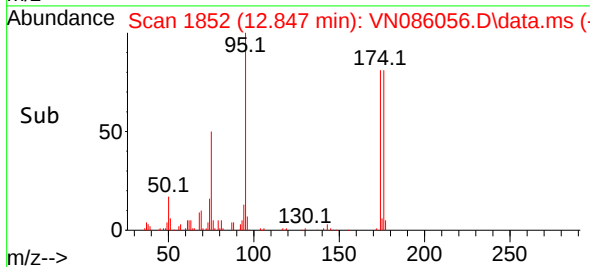
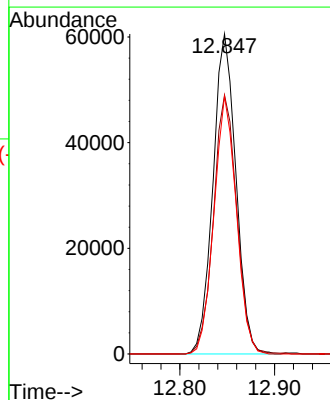
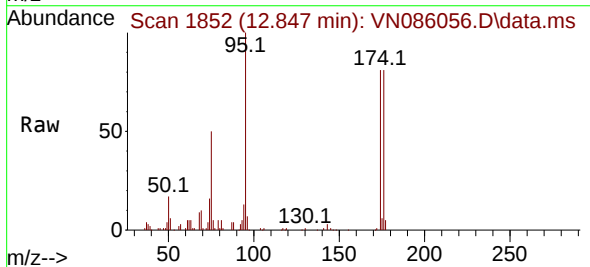
Instrument :
MSVOA_N
ClientSampleId :
CHRT24743

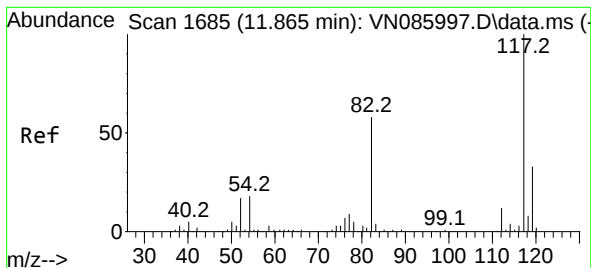
Tgt Ion: 92 Resp: 12147
Ion Ratio Lower Upper
92 100
91 162.1 136.2 204.4



#62
4-Bromofluorobenzene
Concen: 41.459 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086056.D
Acq: 21 Mar 2025 21:42

Tgt Ion: 95 Resp: 102182
Ion Ratio Lower Upper
95 100
174 82.0 0.0 156.8
176 78.5 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086056.D

Acq: 21 Mar 2025 21:42

Instrument :

MSVOA_N

ClientSampleId :

CHRT24743

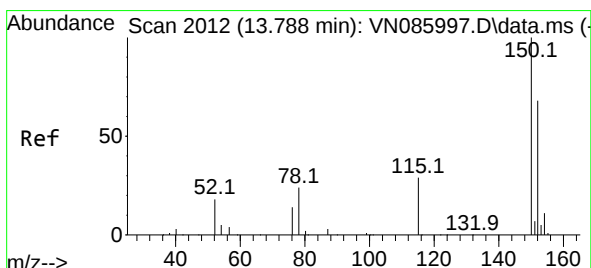
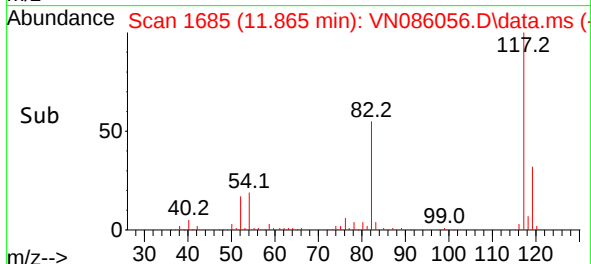
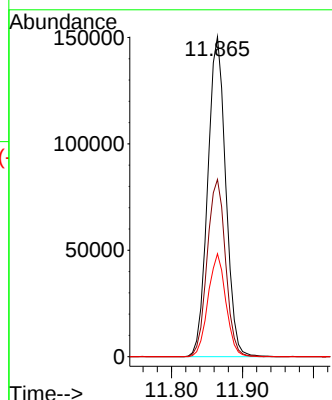
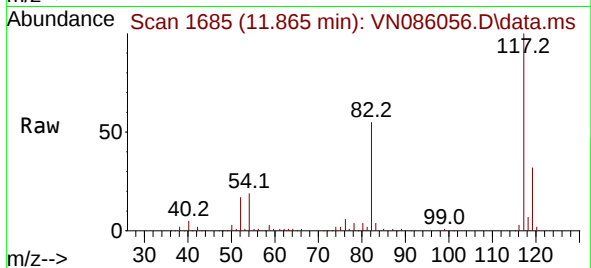
Tgt Ion:117 Resp: 264858

Ion Ratio Lower Upper

117 100

82 55.4 46.7 70.1

119 32.2 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: VN086056.D

Acq: 21 Mar 2025 21:42

Tgt Ion:152 Resp: 97851

Ion Ratio Lower Upper

152 100

115 61.0 31.1 93.2

150 157.3 0.0 359.6

