

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
 Data File : VN086738.D
 Acq On : 21 May 2025 17:54
 Operator : JC\MD
 Sample : Q2084-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-640-COMP-66

Quant Time: May 22 01:28:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

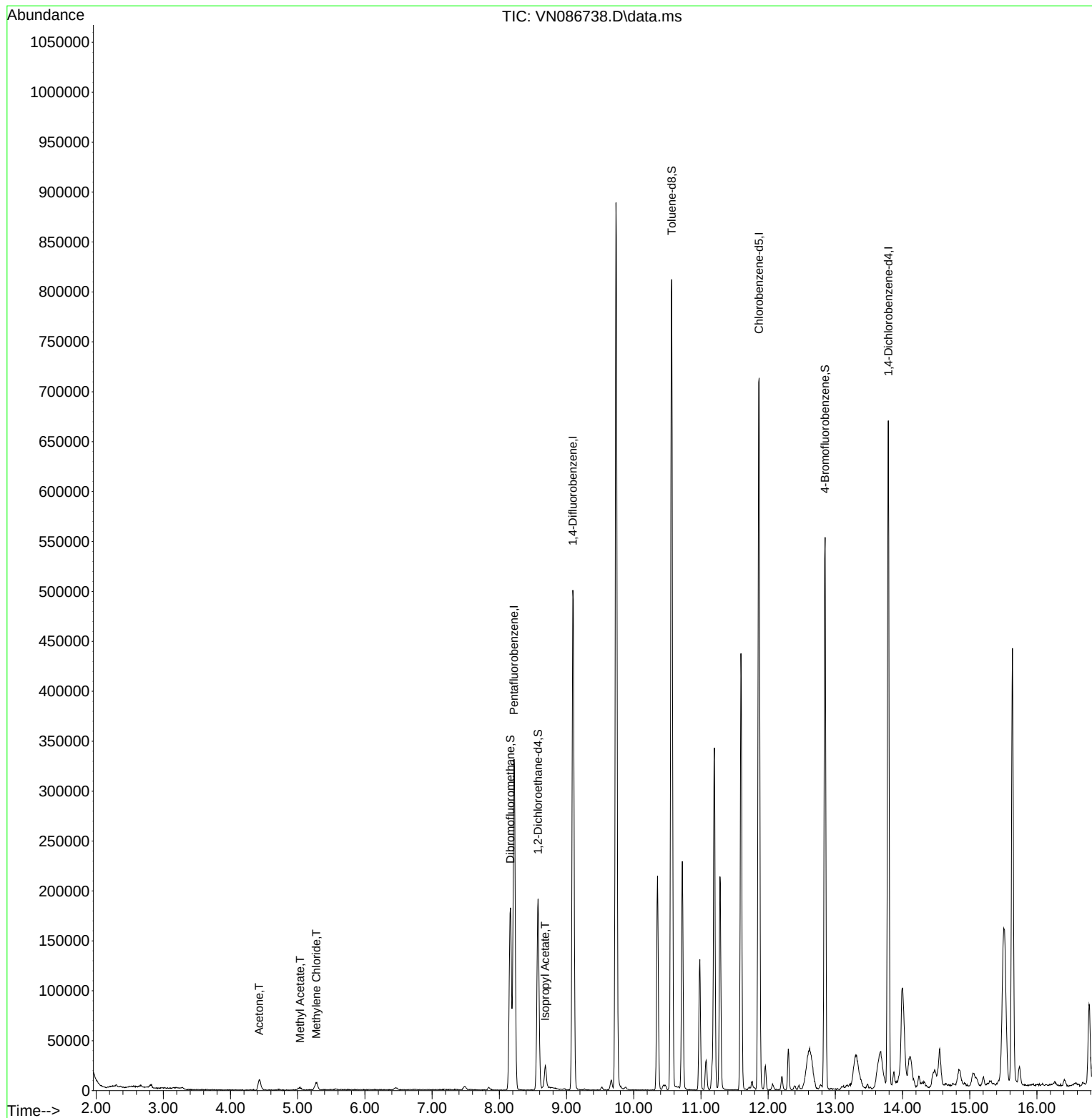
Internal Standards						
1) Pentafluorobenzene	8.218	168	261016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	476055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	454248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	195313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	155981	43.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.500%
35) Dibromofluoromethane	8.165	113	140836	49.676	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	10.565	98	608052	51.754	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.500%
62) 4-Bromofluorobenzene	12.847	95	215193	51.873	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.740%
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	20034	14.849	ug/l	98
18) Methyl Acetate	5.036	43	5352	1.417	ug/l	97
20) Methylene Chloride	5.277	84	6480	1.820	ug/l #	87
43) Isopropyl Acetate	8.683	43	29123	3.439	ug/l #	90

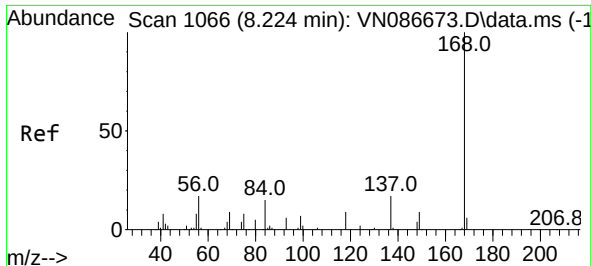
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052125\
Data File : VN086738.D
Acq On : 21 May 2025 17:54
Operator : JC\MD
Sample : Q2084-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OR-640-COMP-66

Quant Time: May 22 01:28:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

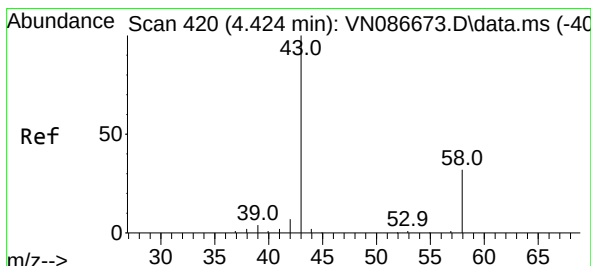
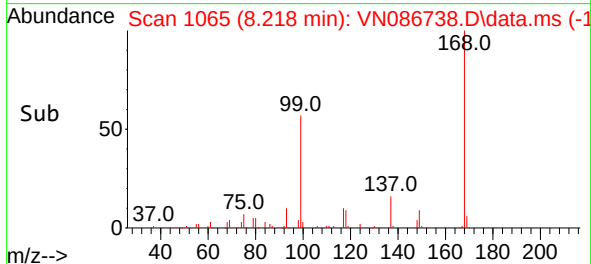
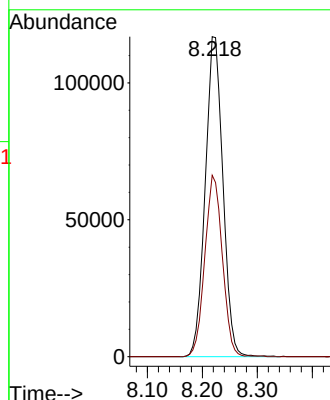
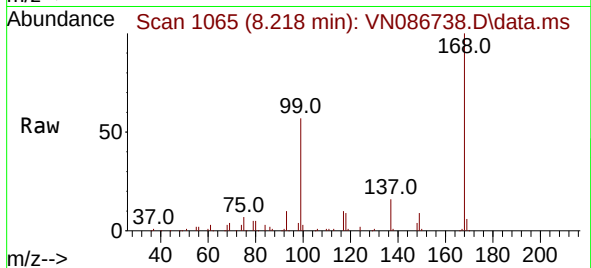




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

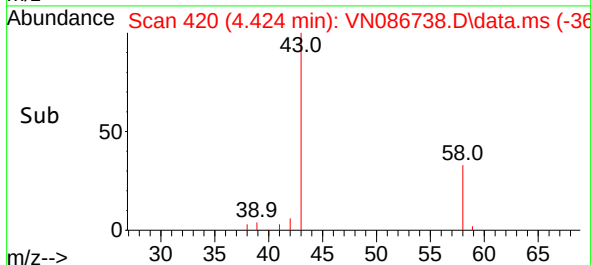
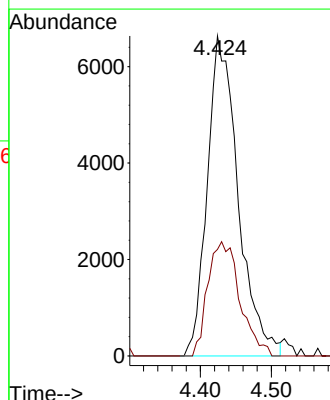
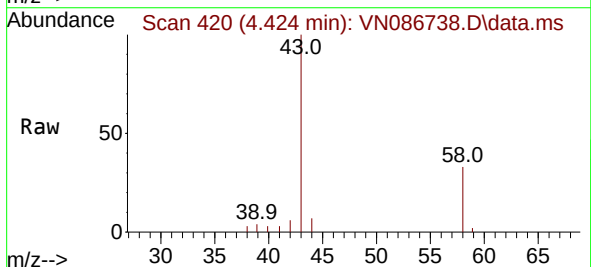
Instrument :
MSVOA_N
ClientSampleId :
OR-640-COMP-66

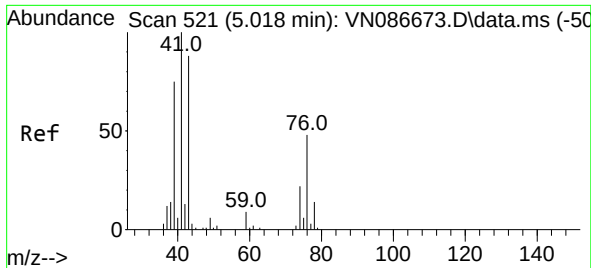
Tgt Ion:168 Resp: 261016
Ion Ratio Lower Upper
168 100
99 56.7 47.0 70.4



#16
Acetone
Concen: 14.849 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

Tgt Ion: 43 Resp: 20034
Ion Ratio Lower Upper
43 100
58 33.3 25.8 38.6

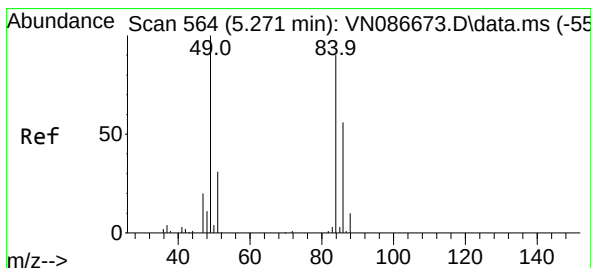
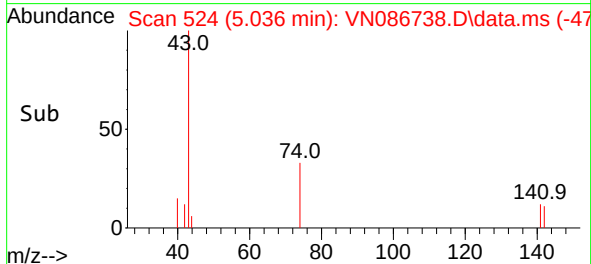
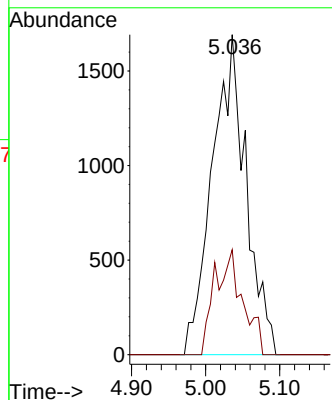
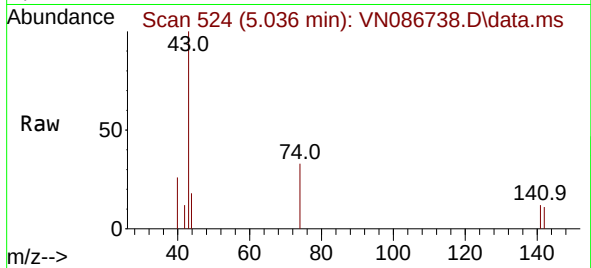




#18
Methyl Acetate
Concen: 1.417 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

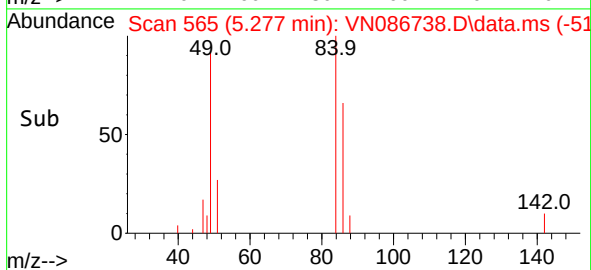
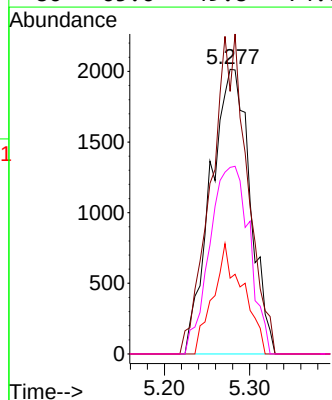
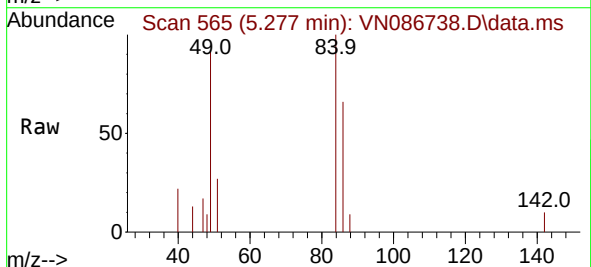
Instrument :
MSVOA_N
ClientSampleId :
OR-640-COMP-66

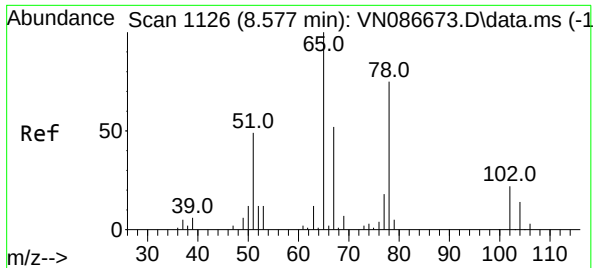
Tgt Ion: 43 Resp: 5352
Ion Ratio Lower Upper
43 100
74 27.1 20.5 30.7



#20
Methylene Chloride
Concen: 1.820 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

Tgt Ion: 84 Resp: 6480
Ion Ratio Lower Upper
84 100
49 92.2 88.8 133.2
51 26.7 27.8 41.6#
86 65.6 49.8 74.6





#33

1,2-Dichloroethane-d4

Concen: 43.247 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086738.D

Acq: 21 May 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

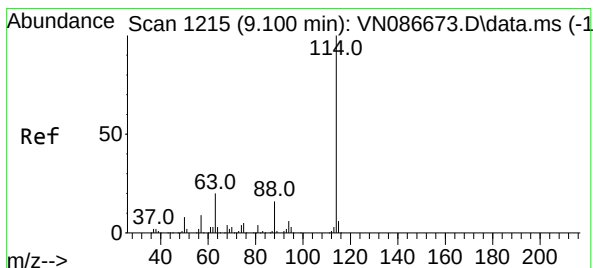
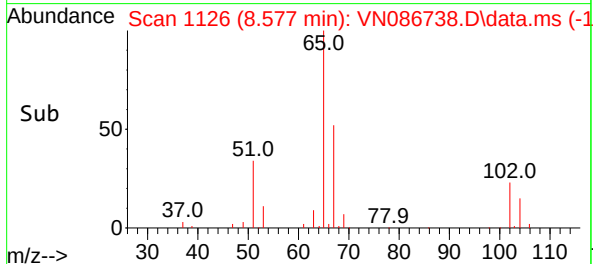
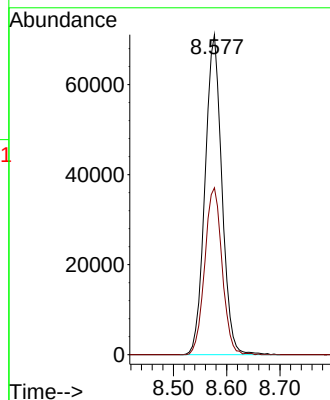
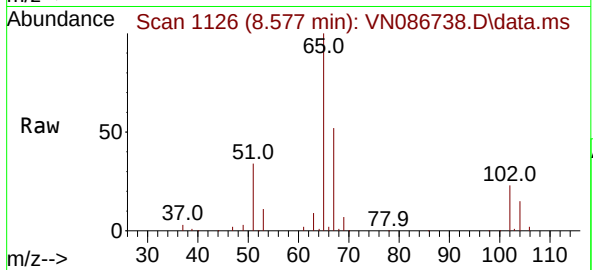
OR-640-COMP-66

Tgt Ion: 65 Resp: 155981

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.094 min Scan# 1214

Delta R.T. -0.006 min

Lab File: VN086738.D

Acq: 21 May 2025 17:54

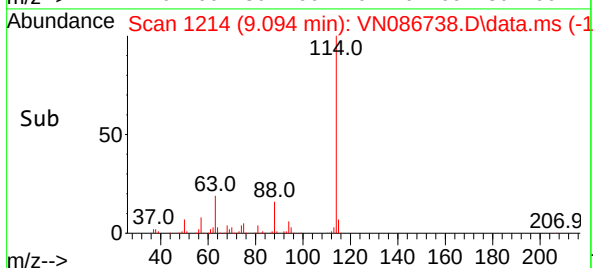
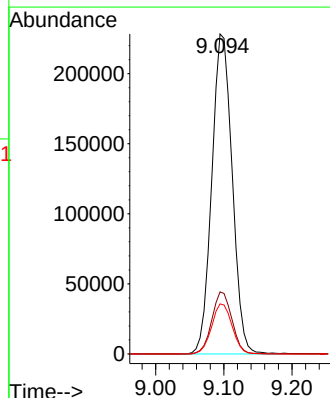
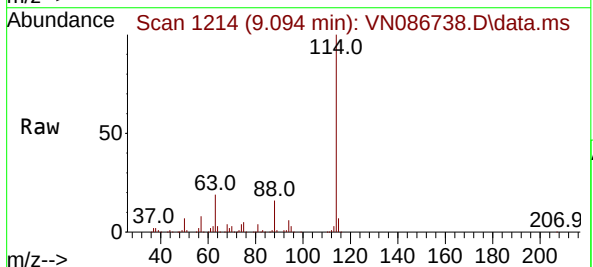
Tgt Ion: 114 Resp: 476055

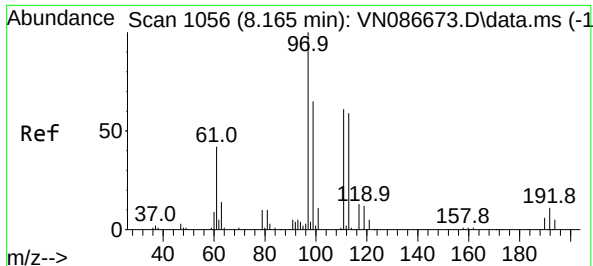
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.2

88 15.7 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.676 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VN086738.D

Acq: 21 May 2025 17:54

Instrument :

MSVOA_N

ClientSampleId :

OR-640-COMP-66

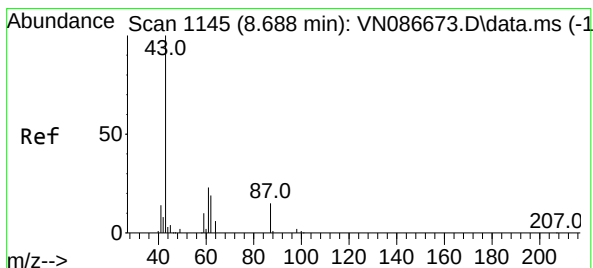
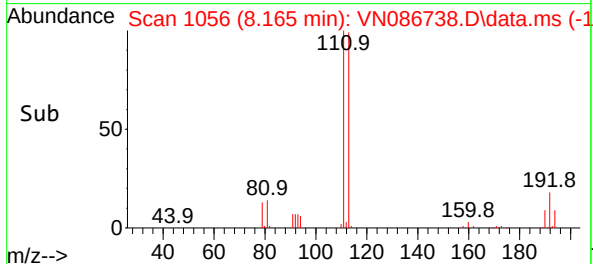
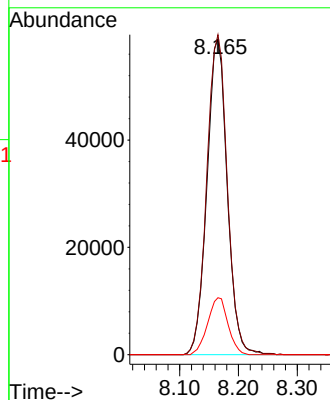
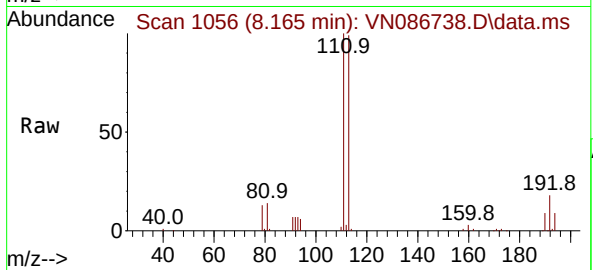
Tgt Ion:113 Resp: 140836

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 18.1 13.8 20.8



#43

Isopropyl Acetate

Concen: 3.439 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. -0.006 min

Lab File: VN086738.D

Acq: 21 May 2025 17:54

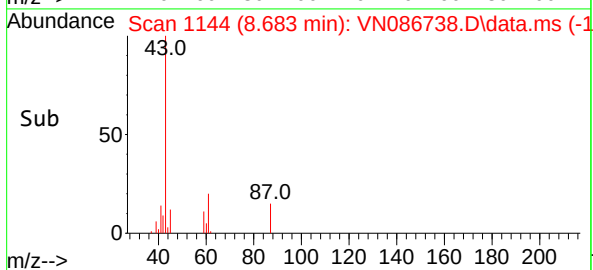
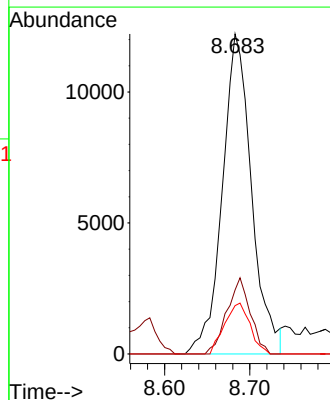
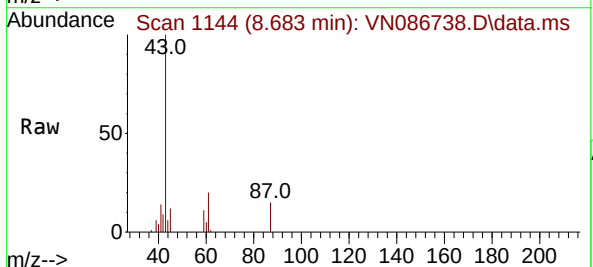
Tgt Ion: 43 Resp: 29123

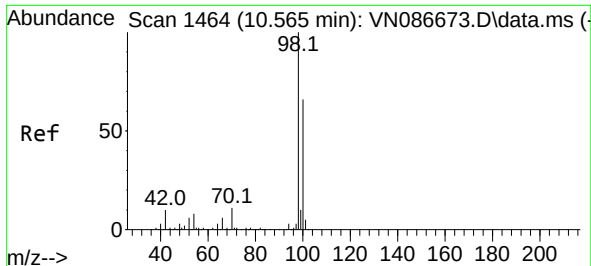
Ion Ratio Lower Upper

43 100

61 19.0 21.4 32.2#

87 13.8 11.1 16.7

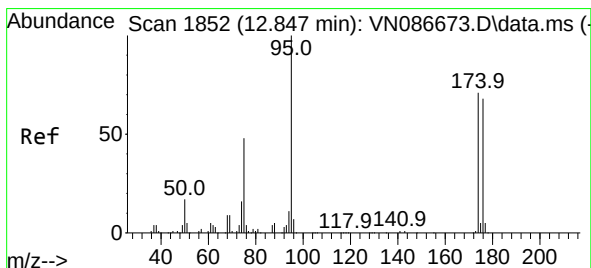
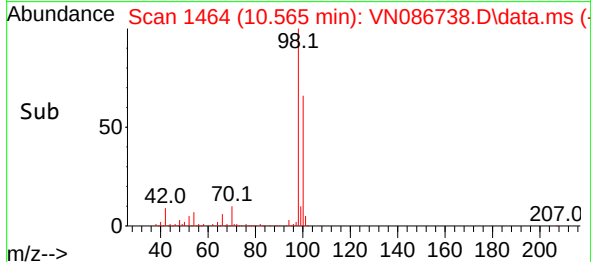
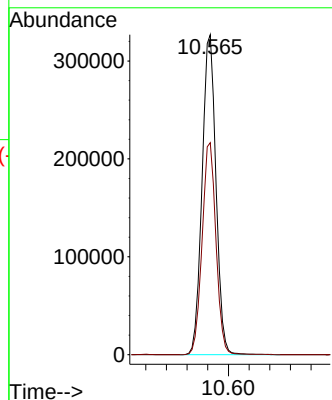
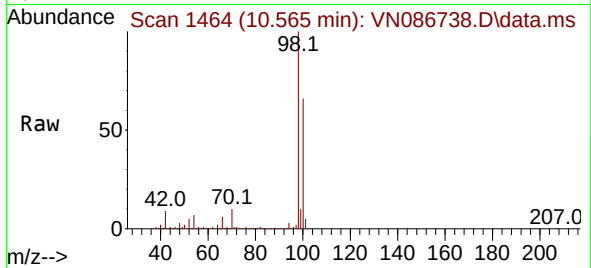




#50
Toluene-d8
Concen: 51.754 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

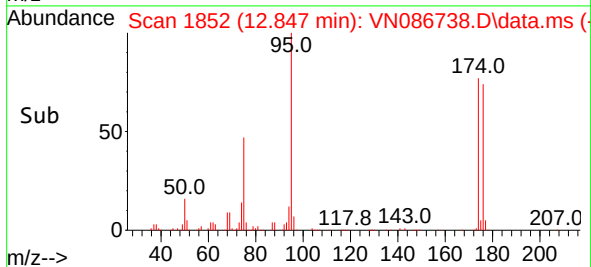
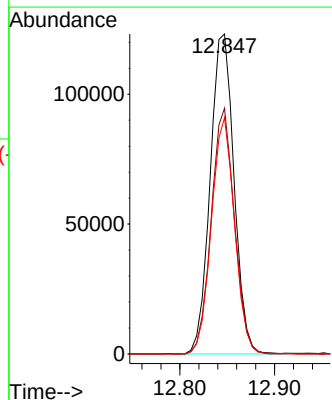
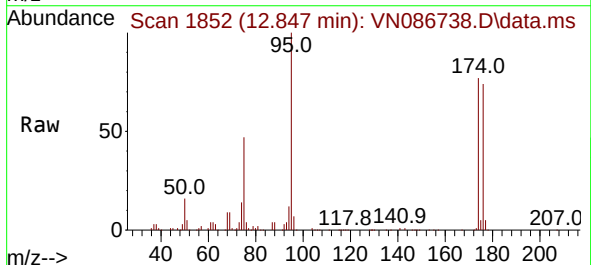
Instrument :
MSVOA_N
ClientSampleId :
OR-640-COMP-66

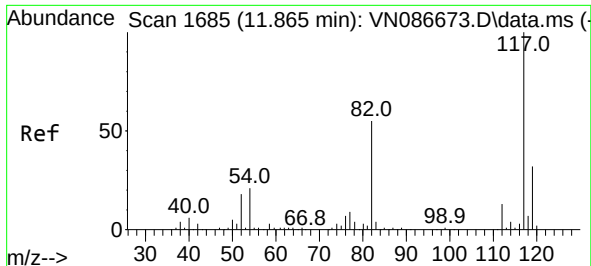
Tgt Ion: 98 Resp: 608052
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.873 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

Tgt Ion: 95 Resp: 215193
Ion Ratio Lower Upper
95 100
174 74.7 0.0 145.4
176 71.4 0.0 137.8

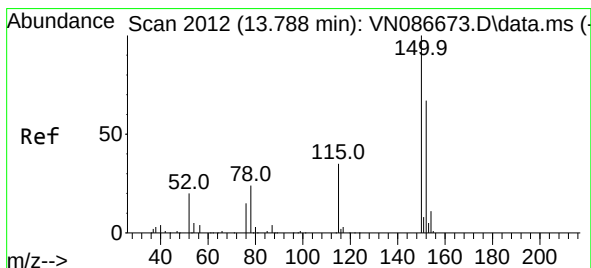
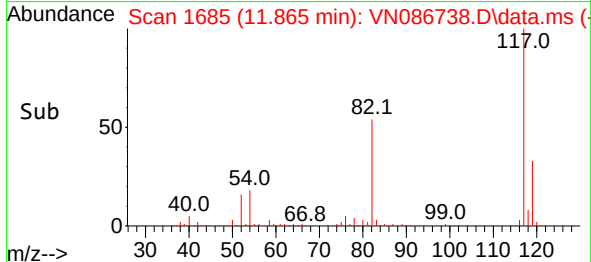
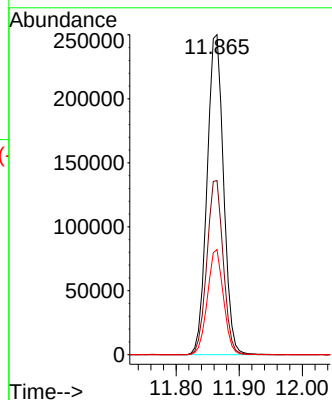
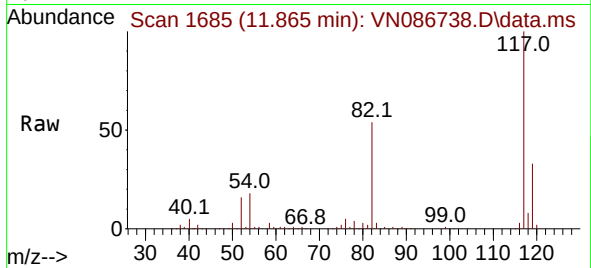




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

Instrument :
MSVOA_N
ClientSampleId :
OR-640-COMP-66

Tgt Ion:117 Resp: 454248
Ion Ratio Lower Upper
117 100
82 54.4 44.2 66.2
119 32.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086738.D
Acq: 21 May 2025 17:54

Tgt Ion:152 Resp: 195313
Ion Ratio Lower Upper
152 100
115 58.5 30.0 90.1
150 155.5 0.0 347.8

