

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086132.D
 Acq On : 26 Mar 2025 17:36
 Operator : JC\MD
 Sample : Q1643-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A4212

Quant Time: Mar 27 01:42:47 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)

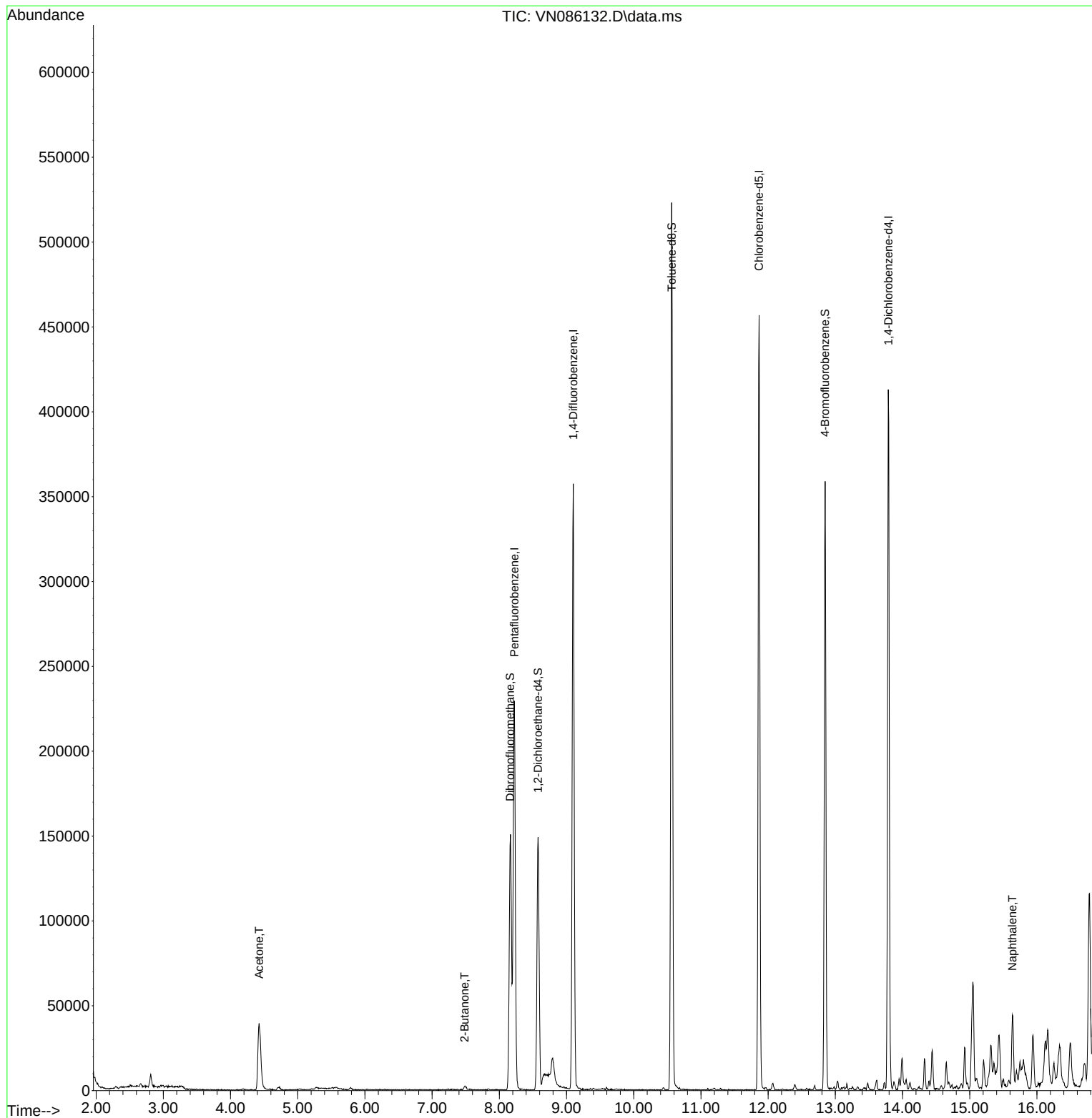
Internal Standards						
1) Pentafluorobenzene	8.224	168	169519	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	313005	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	120540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126123	54.333	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.660%	
35) Dibromofluoromethane	8.159	113	110009	50.353	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.700%	
50) Toluene-d8	10.565	98	373917	47.158	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.320%	
62) 4-Bromofluorobenzene	12.847	95	128200	45.336	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 90.680%	
Target Compounds						
						Qvalue
16) Acetone	4.424	43	74521	105.081	ug/l	94
25) 2-Butanone	7.483	43	4309	4.211	ug/l	96
95) Naphthalene	15.635	128	42211	7.049	ug/l	98

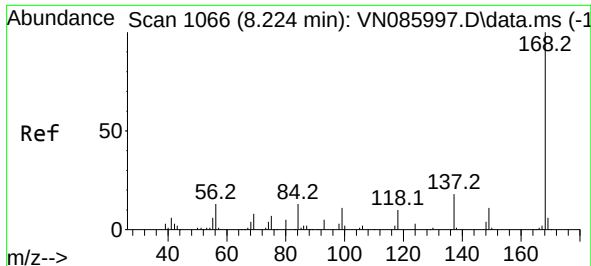
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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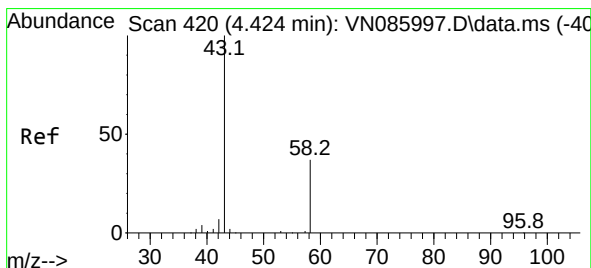
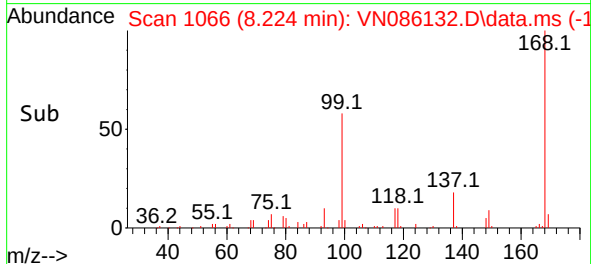
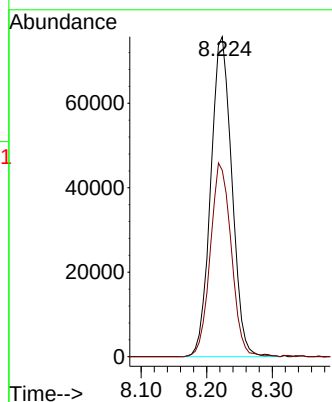
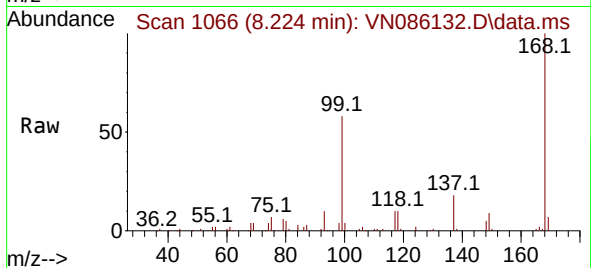




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086132.D
Acq: 26 Mar 2025 17:36

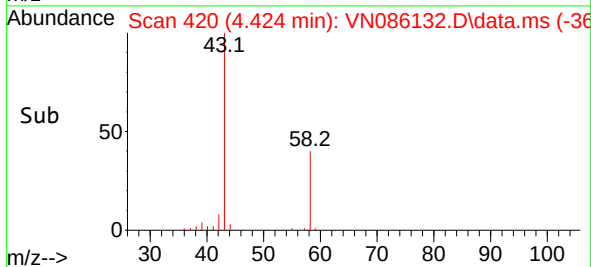
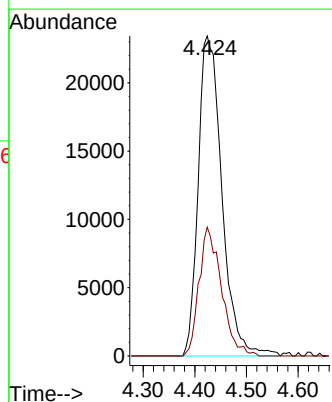
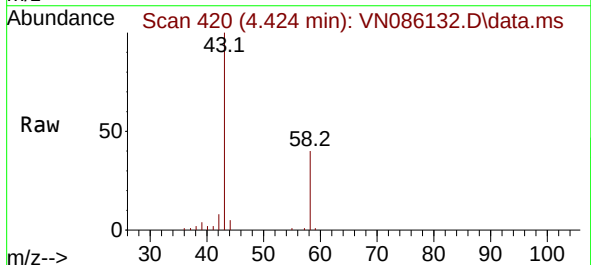
Instrument :
MSVOA_N
ClientSampleId :
A4212

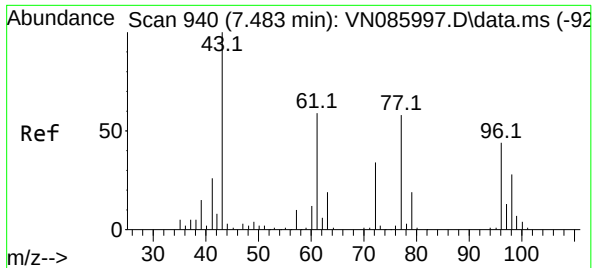
Tgt Ion:168 Resp: 169519
Ion Ratio Lower Upper
168 100
99 58.2 49.4 74.2



#16
Acetone
Concen: 105.081 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086132.D
Acq: 26 Mar 2025 17:36

Tgt Ion: 43 Resp: 74521
Ion Ratio Lower Upper
43 100
58 40.2 29.4 44.2

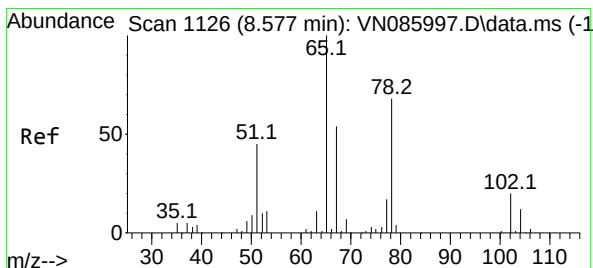
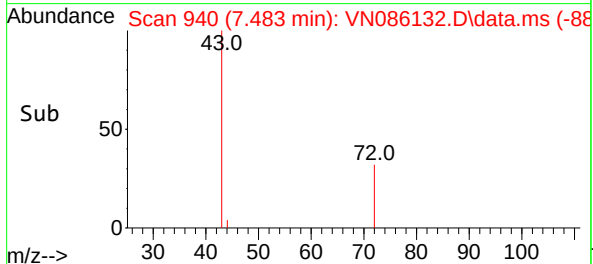
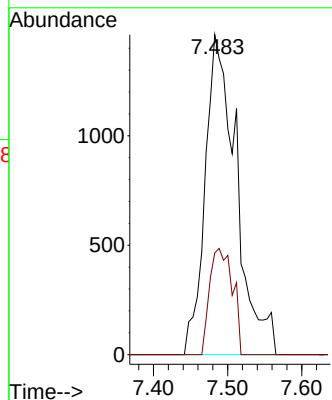
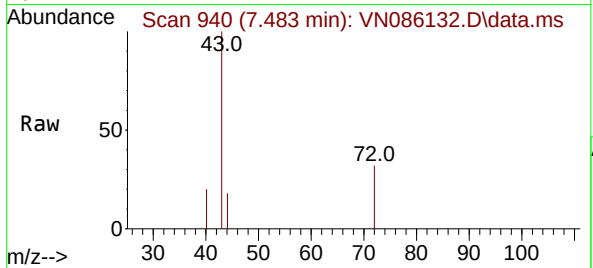




#25
2-Butanone
Concen: 4.211 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086132.D
Acq: 26 Mar 2025 17:36

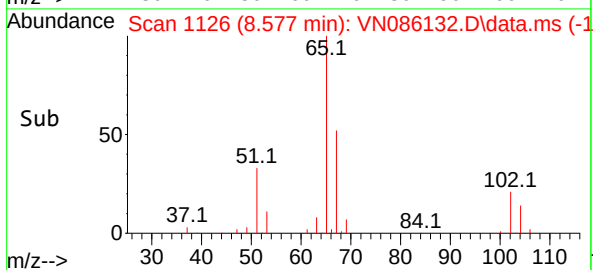
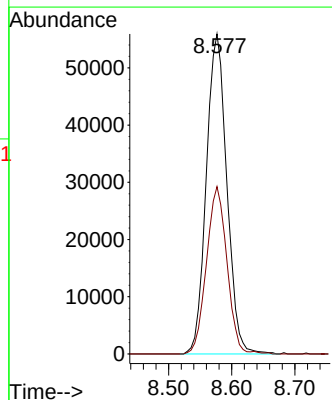
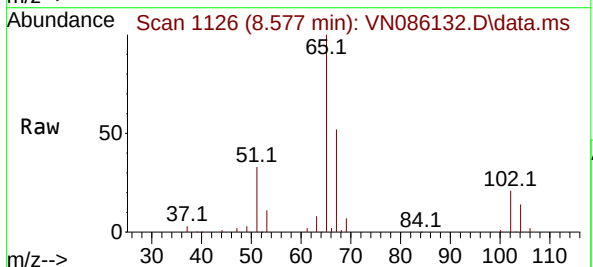
Instrument :
MSVOA_N
ClientSampleId :
A4212

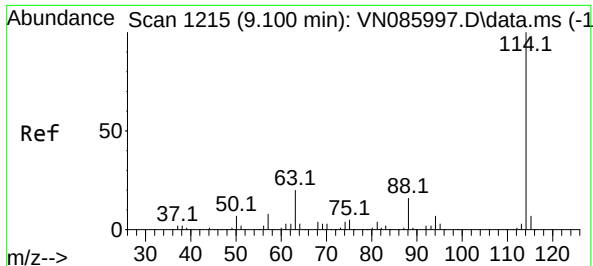
Tgt Ion: 43 Resp: 4309
Ion Ratio Lower Upper
43 100
72 31.8 27.4 41.0



#33
1,2-Dichloroethane-d4
Concen: 54.333 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086132.D
Acq: 26 Mar 2025 17:36

Tgt Ion: 65 Resp: 126123
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# 11

Delta R.T. -0.000 min

Lab File: VN086132.D

Acq: 26 Mar 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

A4212

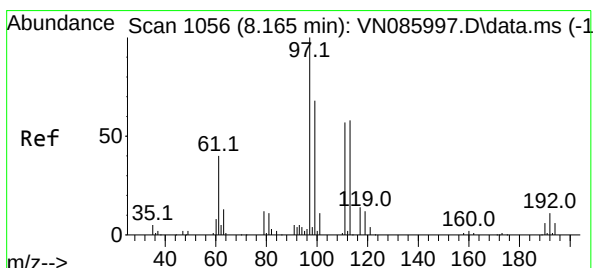
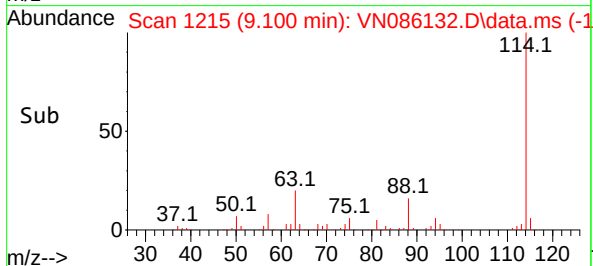
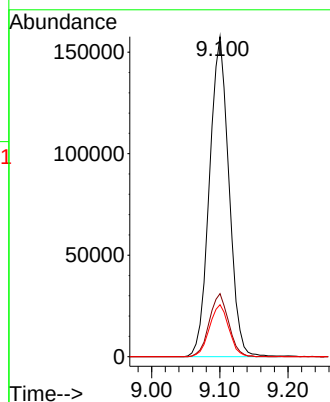
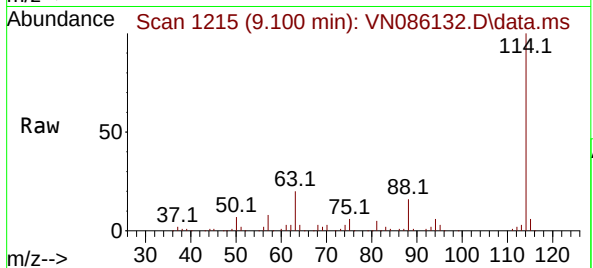
Tgt Ion:114 Resp: 313005

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.353 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086132.D

Acq: 26 Mar 2025 17:36

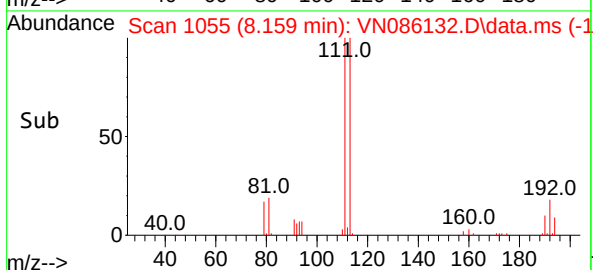
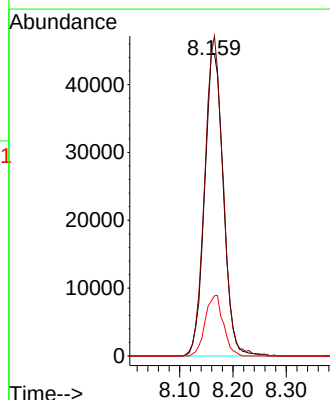
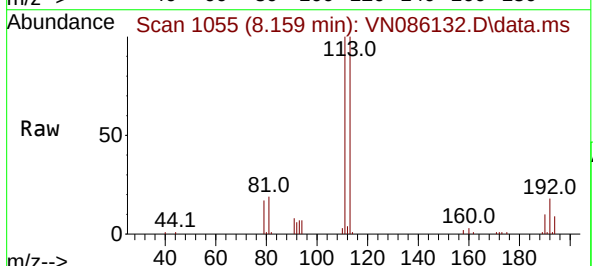
Tgt Ion:113 Resp: 110009

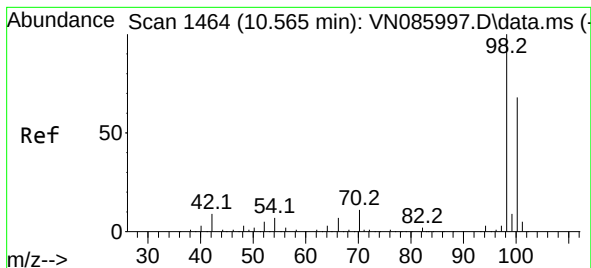
Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 19.1 15.9 23.9





#50

Toluene-d8

Concen: 47.158 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086132.D

Acq: 26 Mar 2025 17:36

Instrument :

MSVOA_N

ClientSampleId :

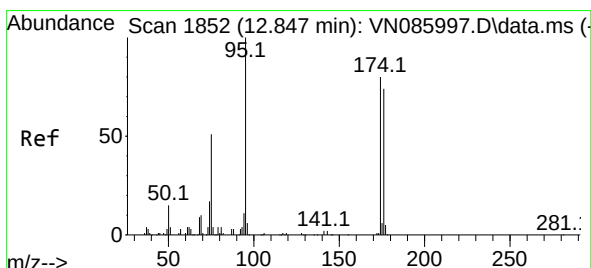
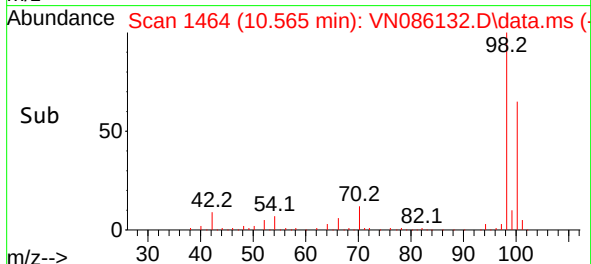
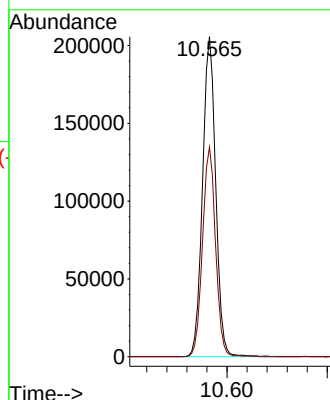
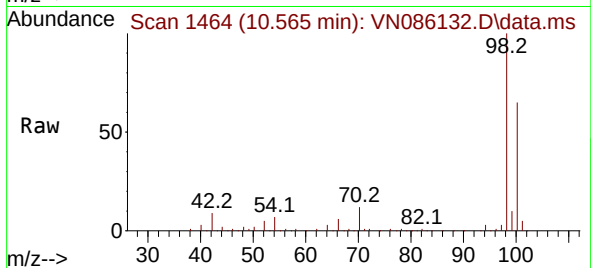
A4212

Tgt Ion: 98 Resp: 373917

Ion Ratio Lower Upper

98 100

100 65.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.336 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086132.D

Acq: 26 Mar 2025 17:36

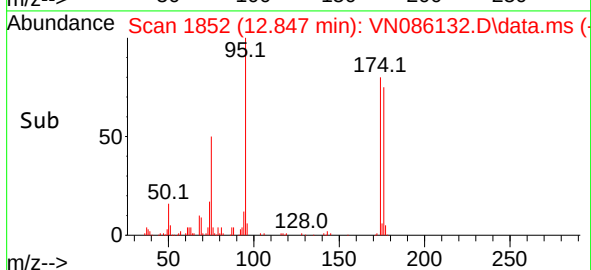
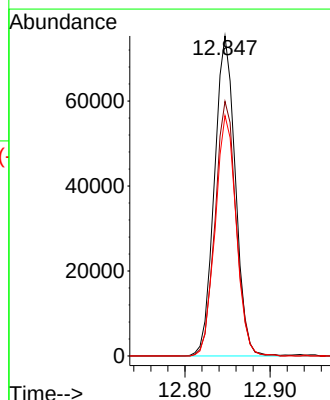
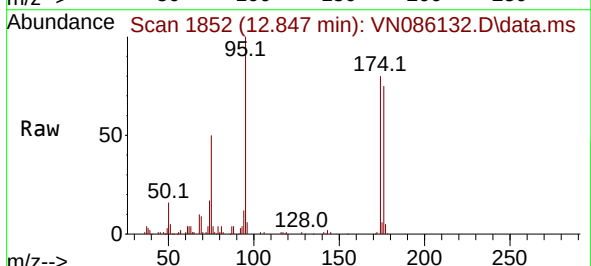
Tgt Ion: 95 Resp: 128200

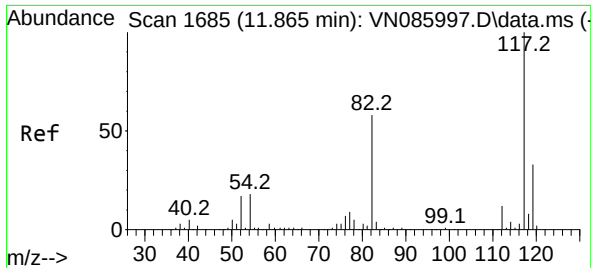
Ion Ratio Lower Upper

95 100

174 80.0 0.0 156.8

176 75.6 0.0 152.2

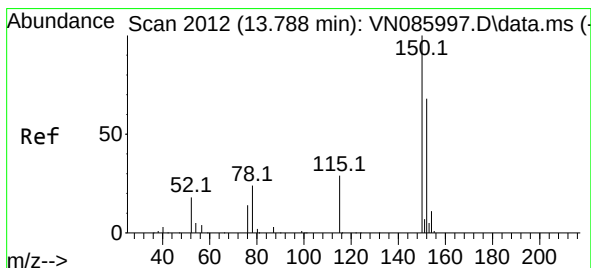
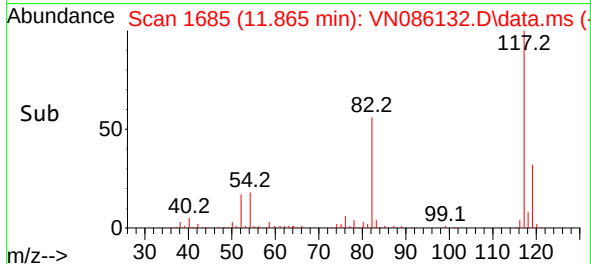
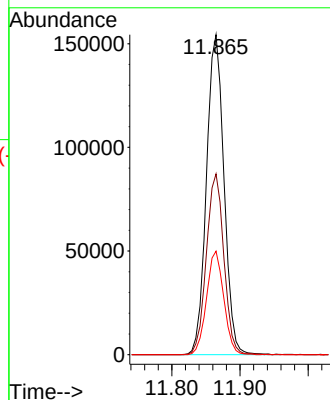
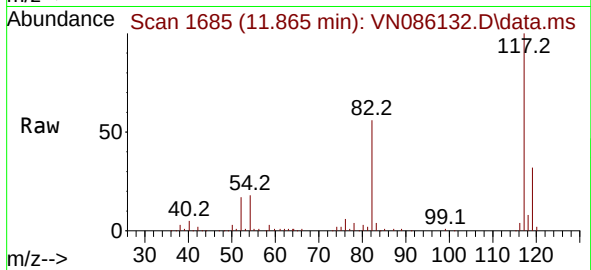




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086132.D
Acq: 26 Mar 2025 17:36

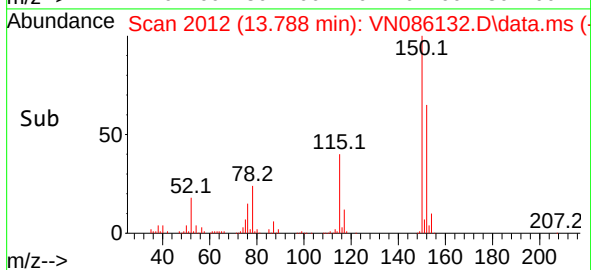
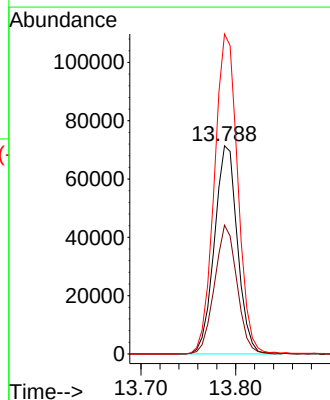
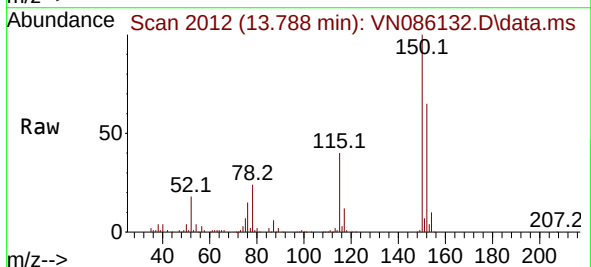
Instrument :
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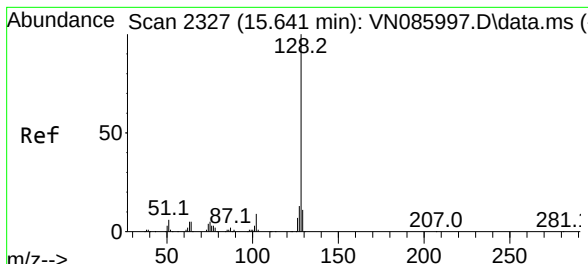
Tgt Ion:117 Resp: 276344
Ion Ratio Lower Upper
117 100
82 56.5 46.7 70.1
119 32.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086132.D
Acq: 26 Mar 2025 17:36

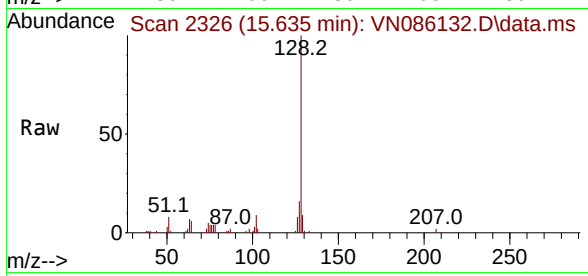
Tgt Ion:152 Resp: 120540
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.2
150 156.2 0.0 359.6





#95
 Naphthalene
 Concen: 7.049 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN086132.D
 Acq: 26 Mar 2025 17:36

Instrument :
 MSVOA_N
 ClientSampleId :
 A4212



Tgt Ion:128 Resp: 42211

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.4
129	11.8	9.0	13.6

