

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031925\
 Data File : VN086022.D
 Acq On : 19 Mar 2025 20:27
 Operator : JC\MD
 Sample : Q1594-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GAS-CAM-40615

Quant Time: Mar 20 01:38:44 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)

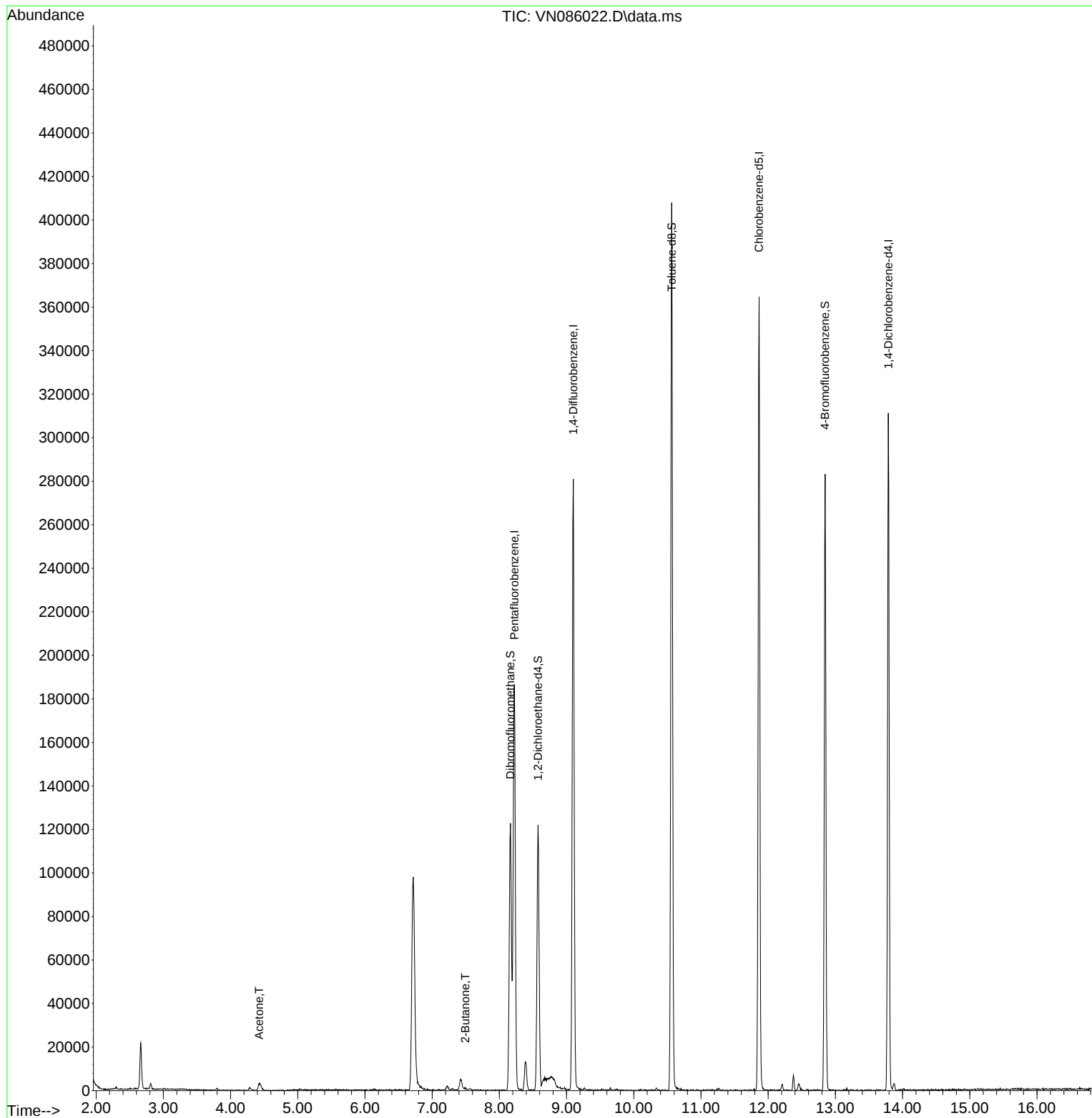
Internal Standards						
1) Pentafluorobenzene	8.224	168	135382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241596	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	86721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103457	55.807	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.620%
35) Dibromofluoromethane	8.165	113	86503	51.297	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	10.565	98	284983	46.565	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.847	95	99028	45.371	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.740%
Target Compounds						
						Qvalue
16) Acetone	4.424	43	6486	11.452	ug/l	93
25) 2-Butanone	7.494	43	1609	1.969	ug/l	95

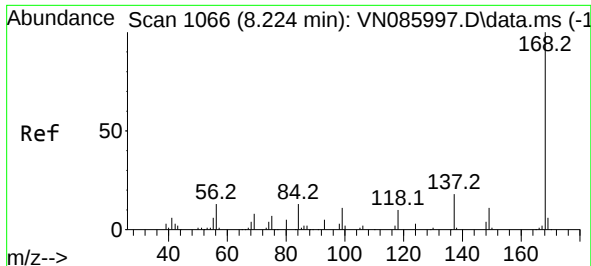
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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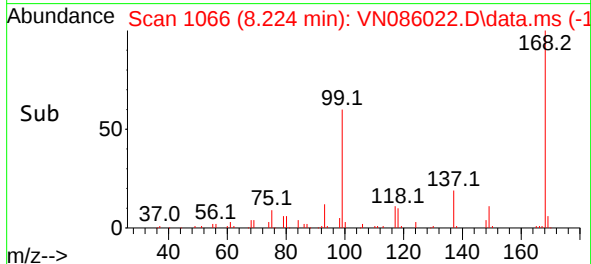
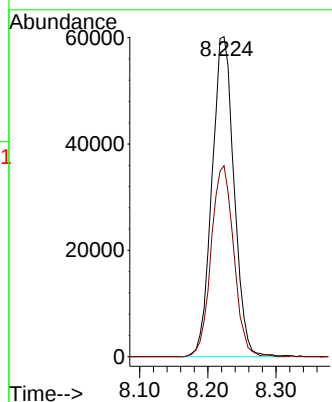
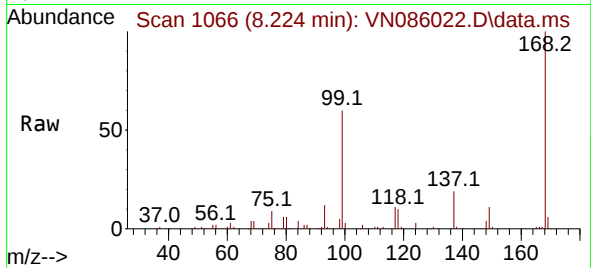




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

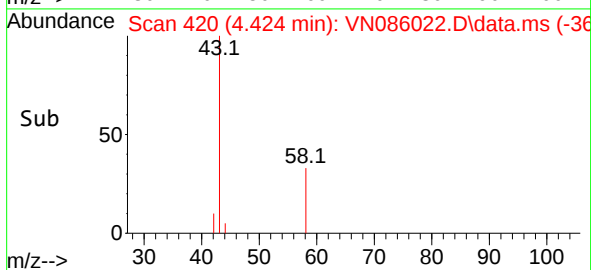
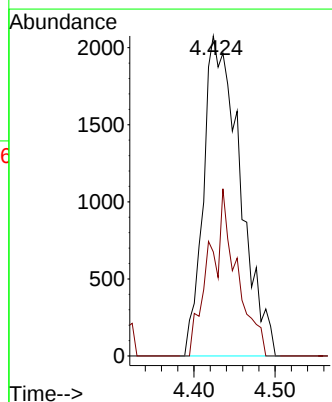
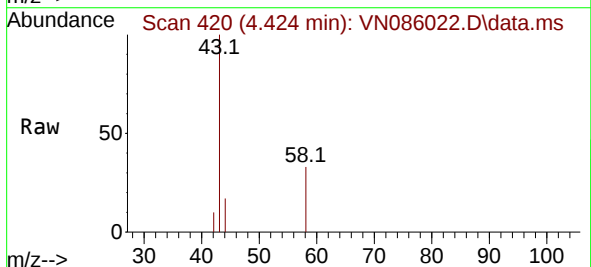
Instrument :
MSVOA_N
ClientSampleId :
GAS-CAM-40615

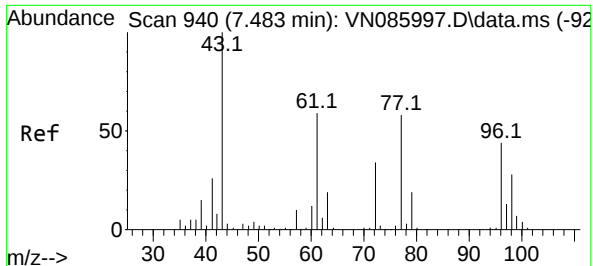
Tgt Ion:168 Resp: 135382
Ion Ratio Lower Upper
168 100
99 59.7 49.4 74.2



#16
Acetone
Concen: 11.452 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 43 Resp: 6486
Ion Ratio Lower Upper
43 100
58 32.5 29.4 44.2

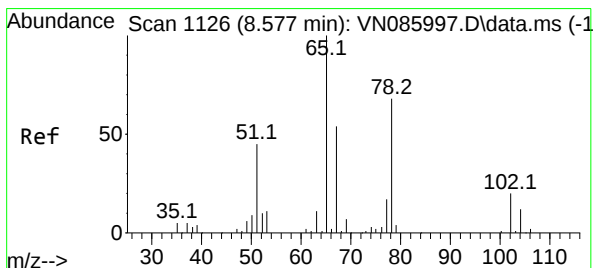
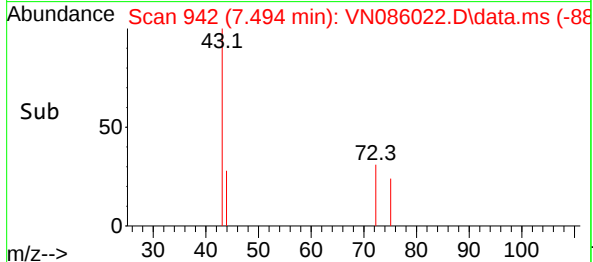
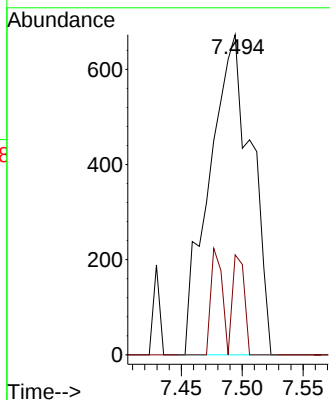
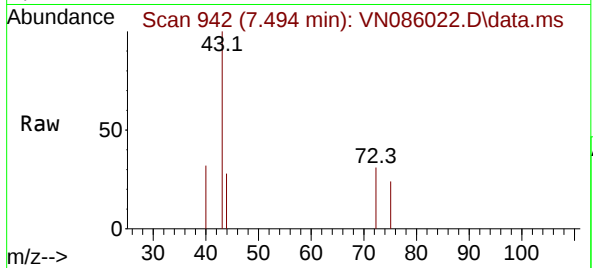




#25
2-Butanone
Concen: 1.969 ug/l
RT: 7.494 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

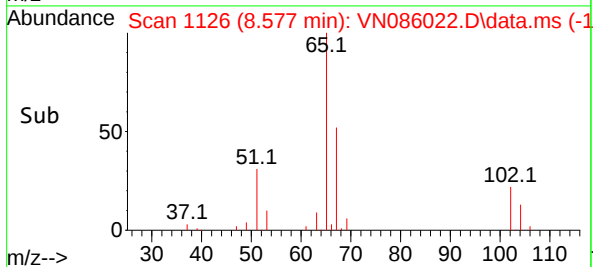
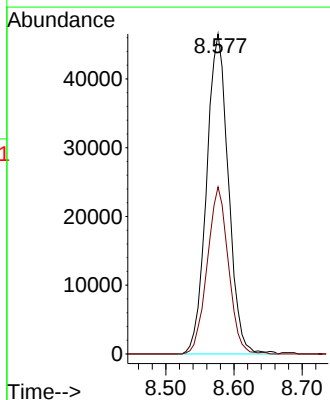
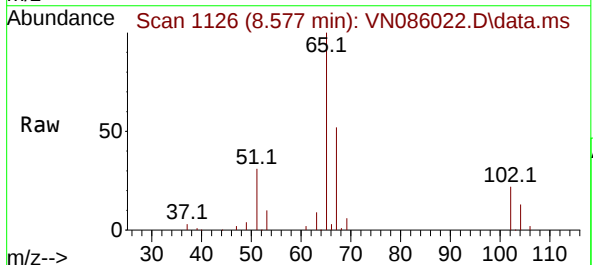
Instrument :
MSVOA_N
ClientSampleId :
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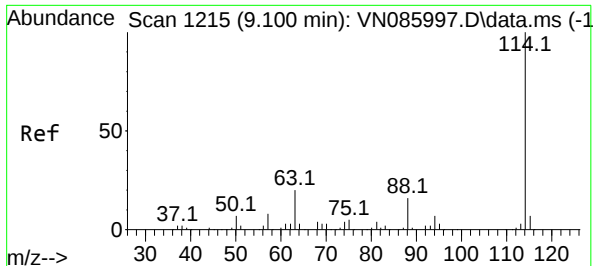
Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
72 31.2 27.4 41.0



#33
1,2-Dichloroethane-d4
Concen: 55.807 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 65 Resp: 103457
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086022.D

Acq: 19 Mar 2025 20:27

Instrument :

MSVOA_N

ClientSampleId :

GAS-CAM-40615

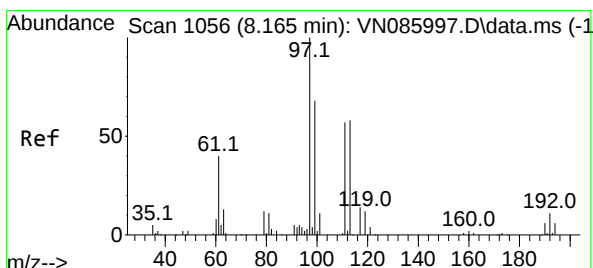
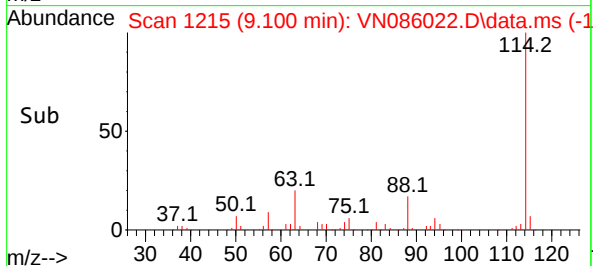
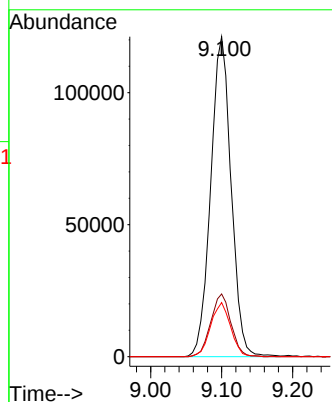
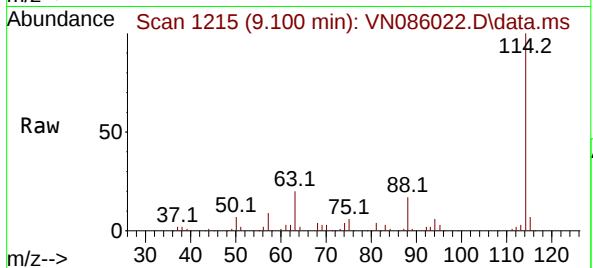
Tgt Ion:114 Resp: 241596

Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.297 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086022.D

Acq: 19 Mar 2025 20:27

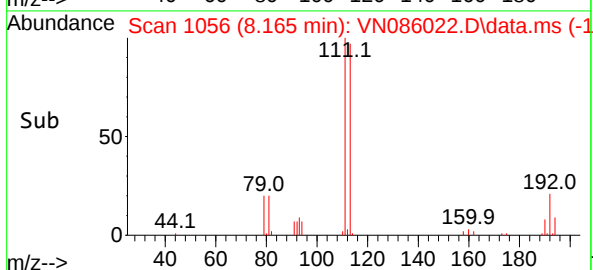
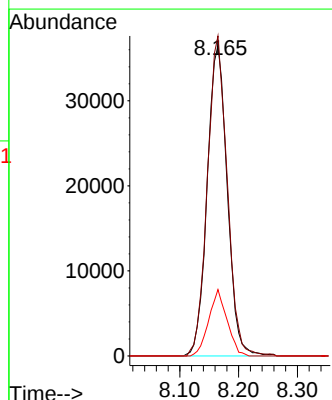
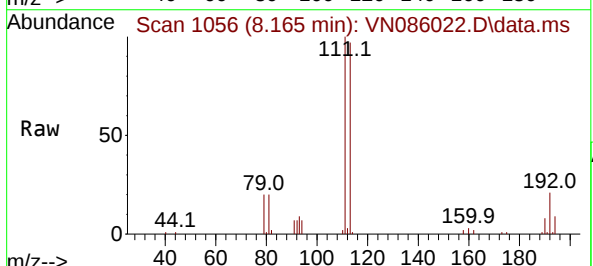
Tgt Ion:113 Resp: 86503

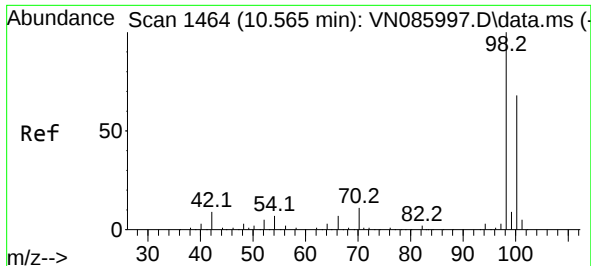
Ion Ratio Lower Upper

113 100

111 101.9 81.8 122.8

192 19.5 15.9 23.9

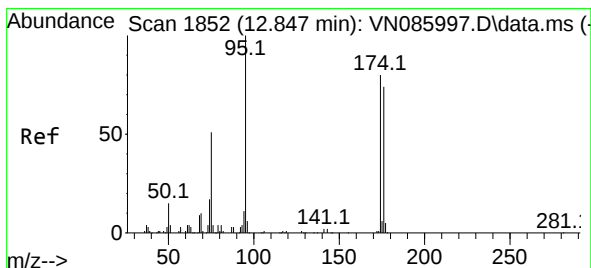
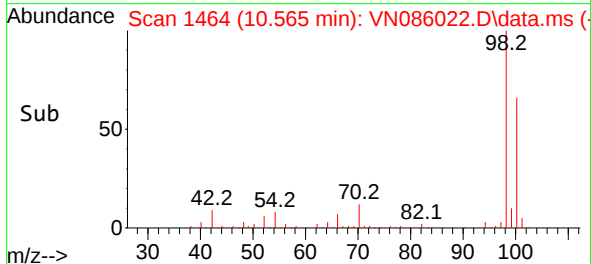
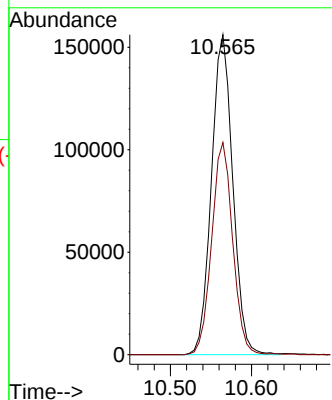
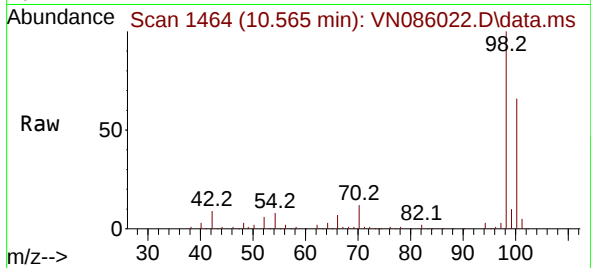




#50
Toluene-d8
Concen: 46.565 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

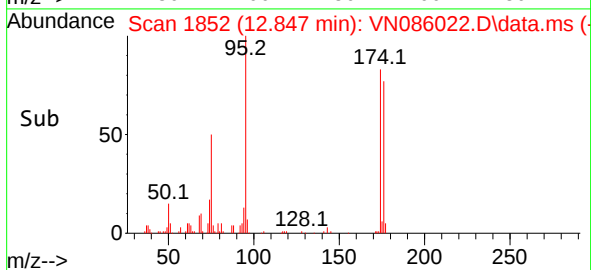
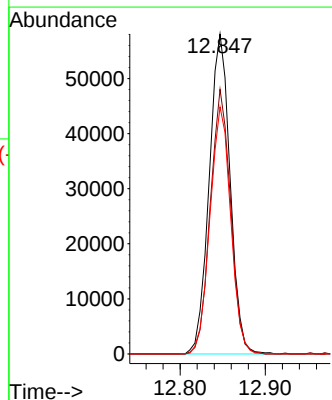
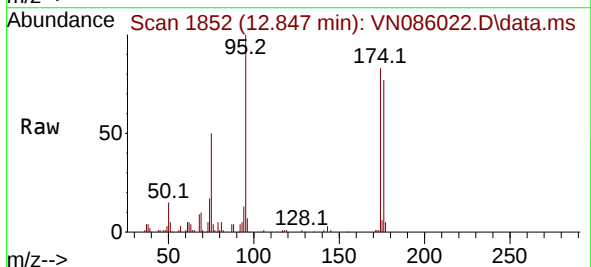
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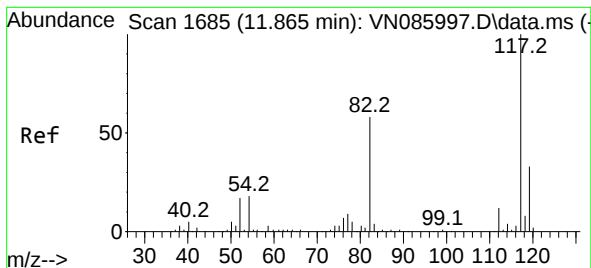
Tgt Ion: 98 Resp: 284983
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086022.D
Acq: 19 Mar 2025 20:27

Tgt Ion: 95 Resp: 99028
Ion Ratio Lower Upper
95 100
174 80.5 0.0 156.8
176 76.5 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: VN086022.D

Acq: 19 Mar 2025 20:27

Instrument :

MSVOA_N

ClientSampleId :

GAS-CAM-40615

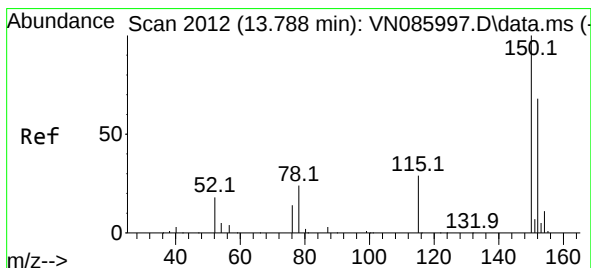
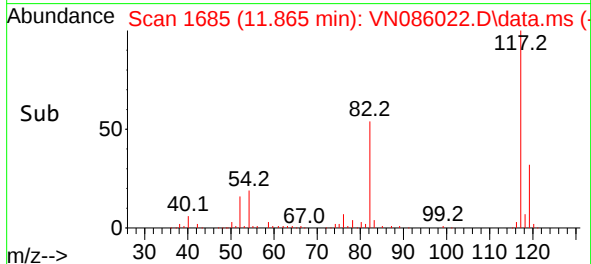
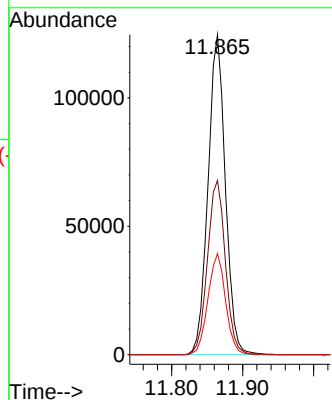
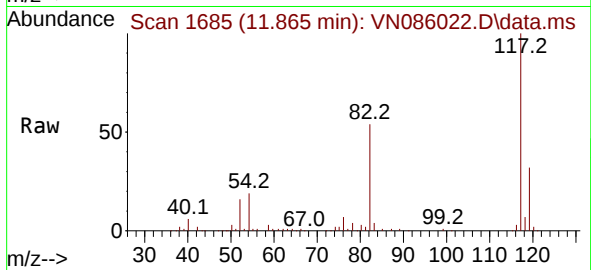
Tgt Ion:117 Resp: 211744

Ion Ratio Lower Upper

117 100

82 54.4 46.7 70.1

119 31.5 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: VN086022.D

Acq: 19 Mar 2025 20:27

Tgt Ion:152 Resp: 86721

Ion Ratio Lower Upper

152 100

115 62.3 31.1 93.2

150 158.5 0.0 359.6

