

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086874.D
 Acq On : 06 Jun 2025 18:19
 Operator : JC\MD
 Sample : Q2254-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-810-812

Quant Time: Jun 07 02:28:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

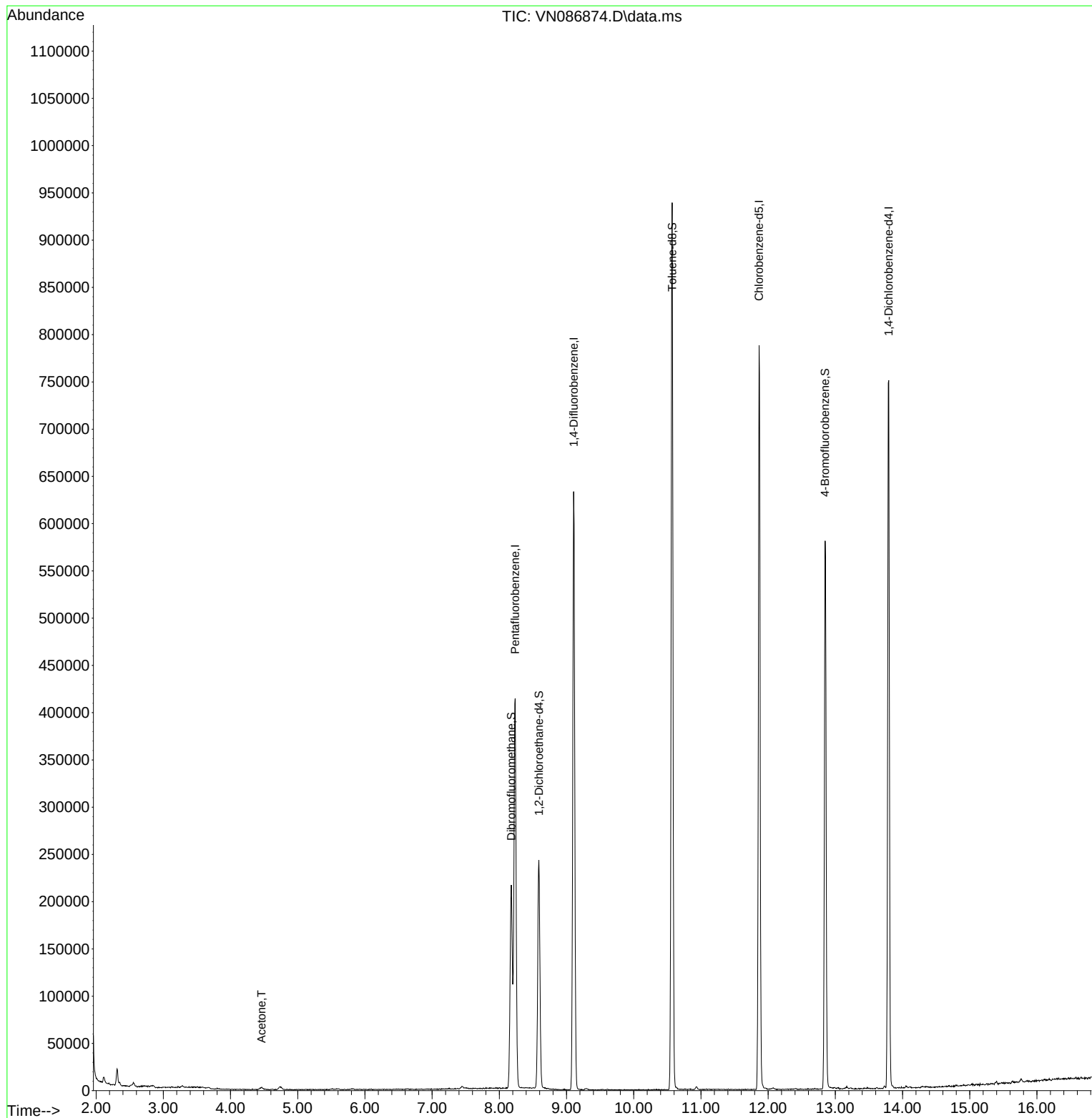
Internal Standards						
1) Pentafluorobenzene	8.236	168	320576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	482982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222332	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	197629	46.044	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.080%
35) Dibromofluoromethane	8.177	113	163787	48.211	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.420%
50) Toluene-d8	10.571	98	679749	50.542	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.080%
62) 4-Bromofluorobenzene	12.847	95	235508	47.132	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.260%
Target Compounds						
16) Acetone	4.459	43	5088	2.235	ug/l	Qvalue # 84

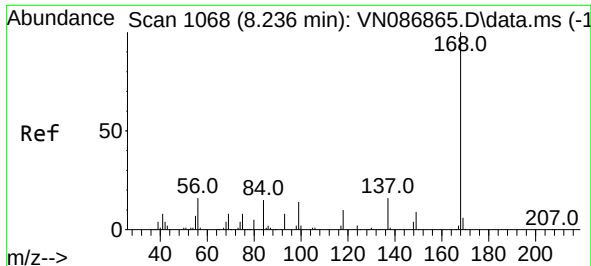
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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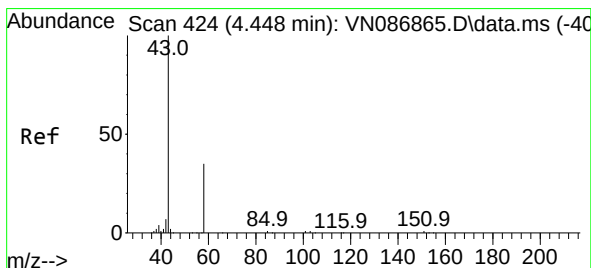
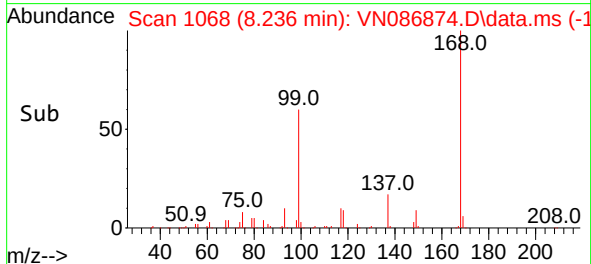
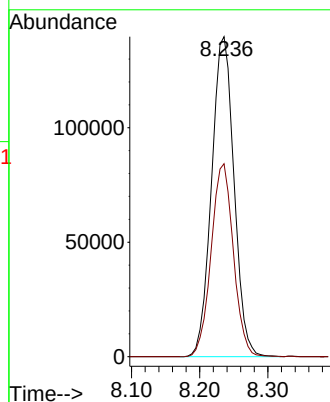
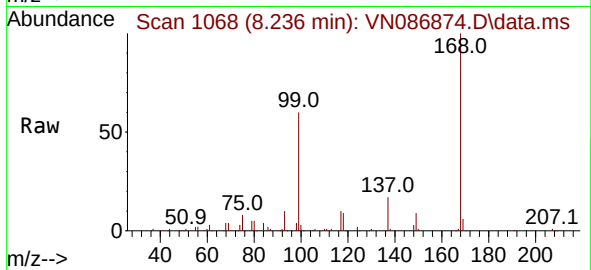




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN086874.D
Acq: 06 Jun 2025 18:19

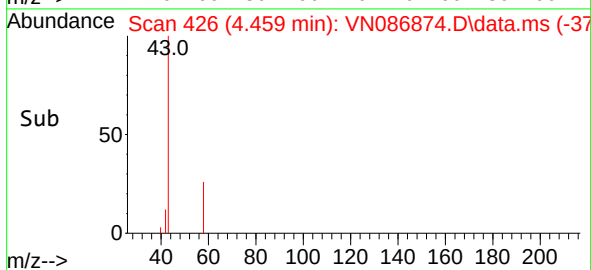
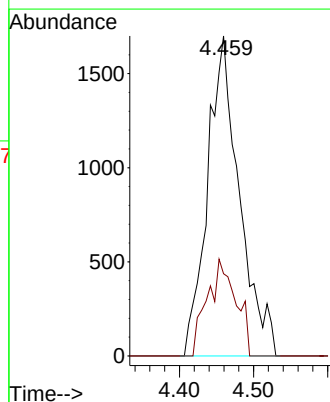
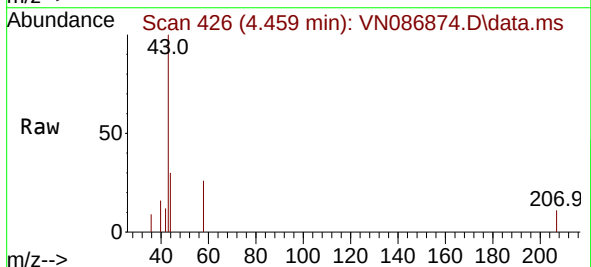
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-810-812

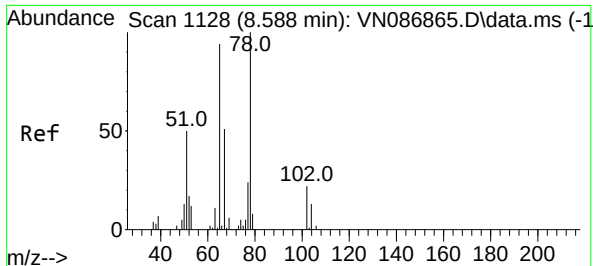
Tgt Ion:168 Resp: 320576
Ion Ratio Lower Upper
168 100
99 60.3 49.1 73.7



#16
Acetone
Concen: 2.235 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086874.D
Acq: 06 Jun 2025 18:19

Tgt Ion: 43 Resp: 5088
Ion Ratio Lower Upper
43 100
58 25.7 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 46.044 ug/l

RT: 8.589 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VN086874.D

Acq: 06 Jun 2025 18:19

Instrument :

MSVOA_N

ClientSampleId :

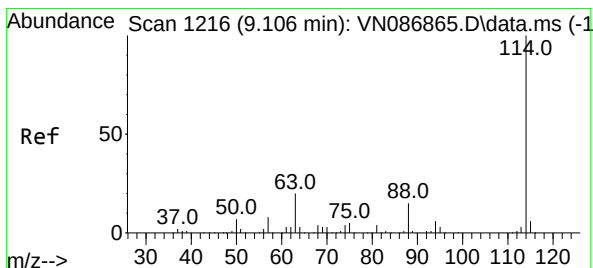
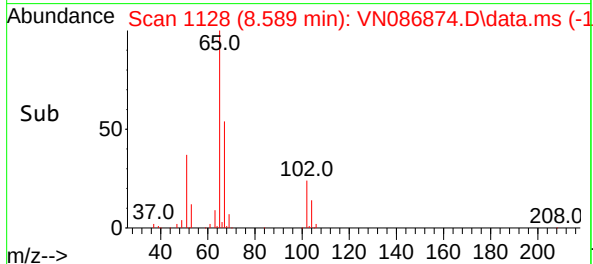
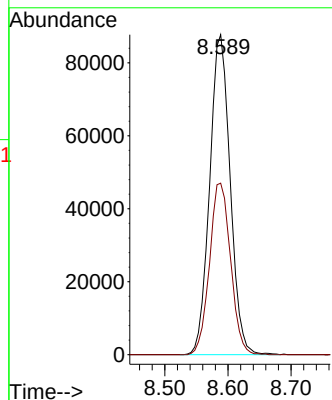
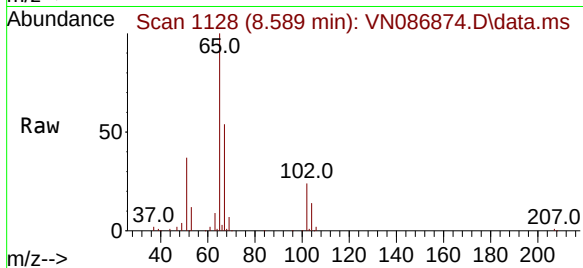
BP-VPB-182-GW-810-812

Tgt Ion: 65 Resp: 197629

Ion Ratio Lower Upper

65 100

67 55.1 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN086874.D

Acq: 06 Jun 2025 18:19

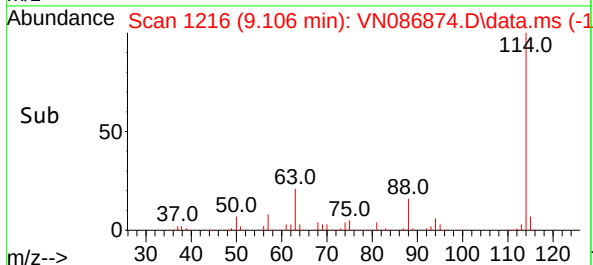
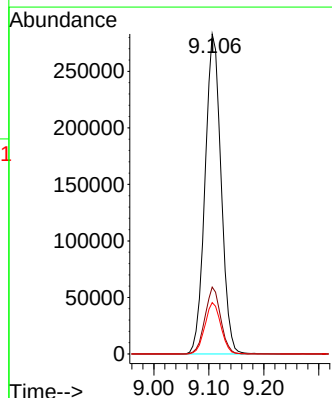
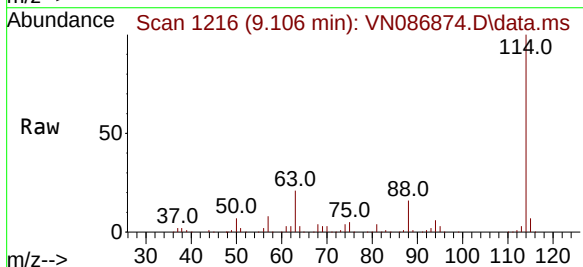
Tgt Ion: 114 Resp: 573268

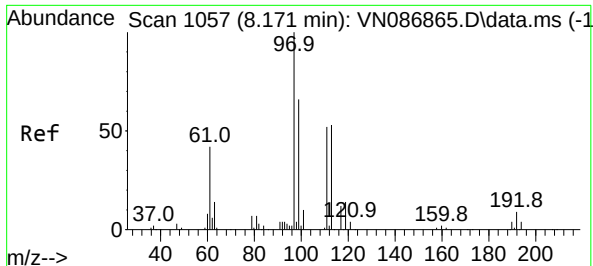
Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.6

88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.211 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086874.D

Acq: 06 Jun 2025 18:19

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-GW-810-812

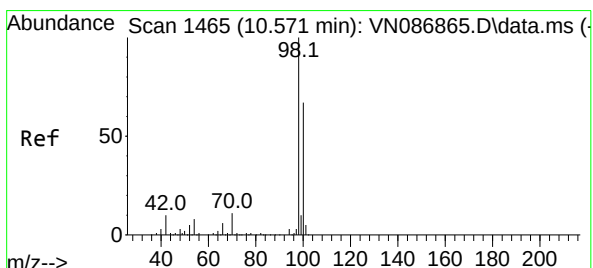
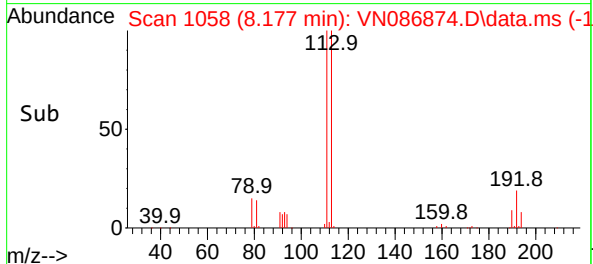
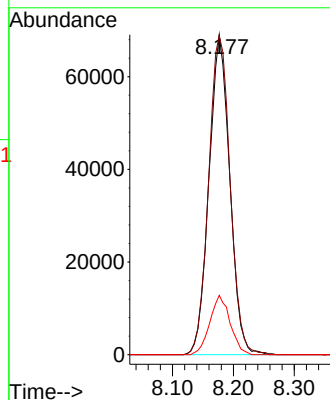
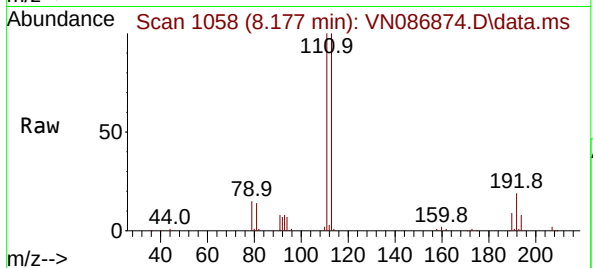
Tgt Ion:113 Resp: 163787

Ion Ratio Lower Upper

113 100

111 103.0 84.2 126.2

192 18.1 14.2 21.4



#50

Toluene-d8

Concen: 50.542 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN086874.D

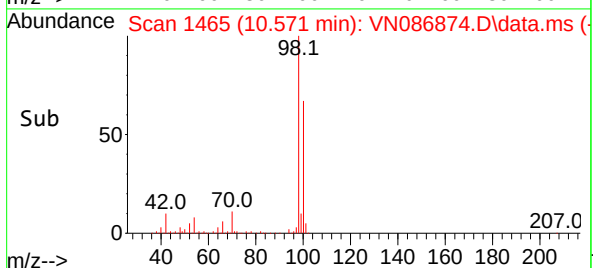
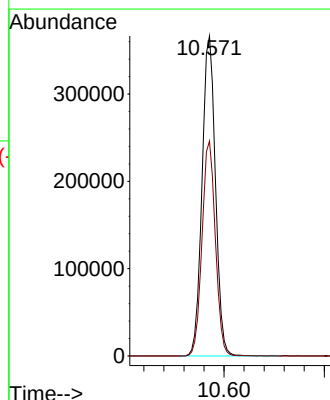
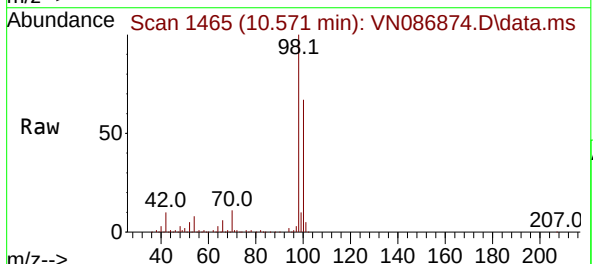
Acq: 06 Jun 2025 18:19

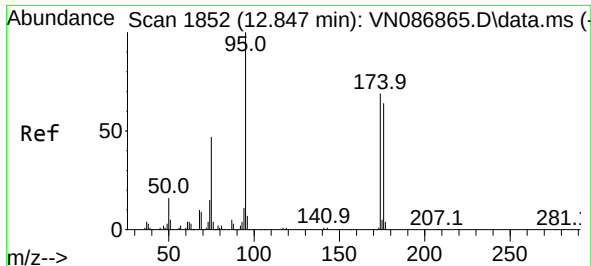
Tgt Ion: 98 Resp: 679749

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.0

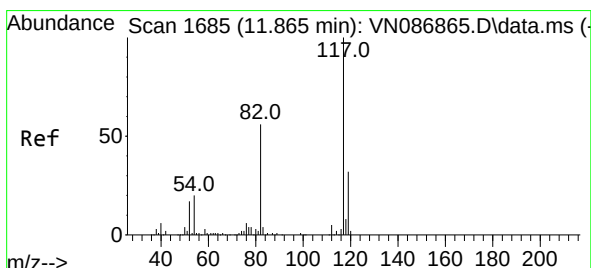
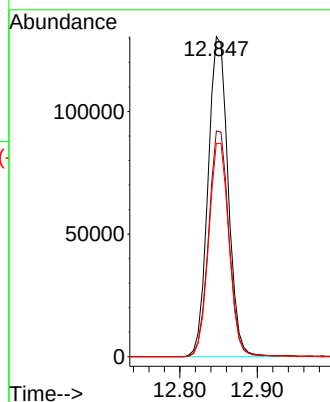
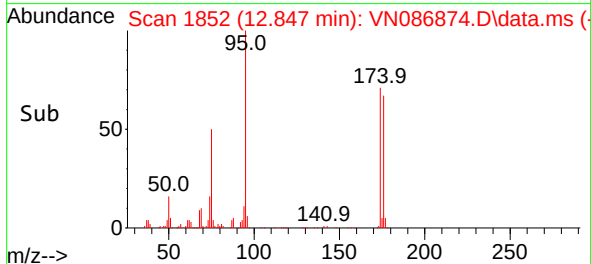
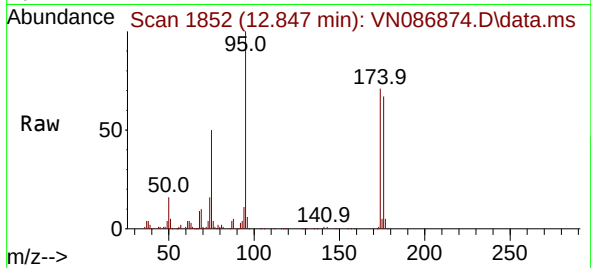




#62
4-Bromofluorobenzene
Concen: 47.132 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086874.D
Acq: 06 Jun 2025 18:19

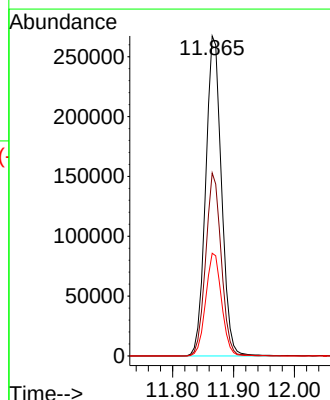
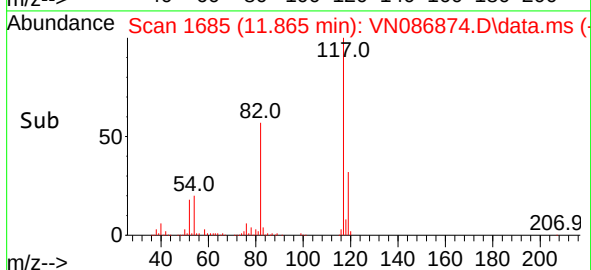
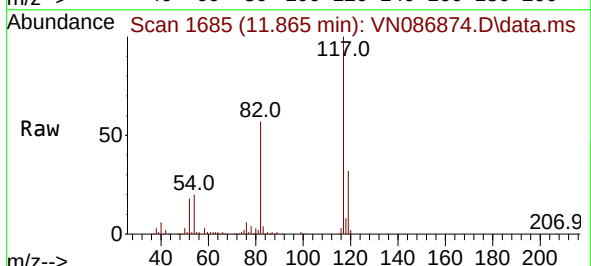
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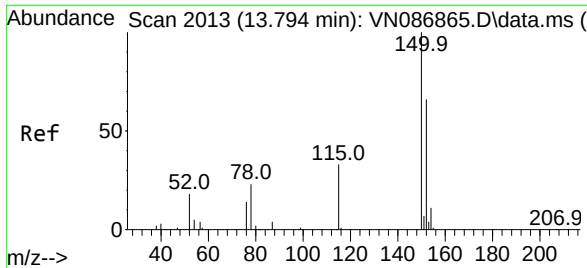
Tgt Ion: 95 Resp: 235508
Ion Ratio Lower Upper
95 100
174 71.4 0.0 141.8
176 67.1 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086874.D
Acq: 06 Jun 2025 18:19

Tgt Ion: 117 Resp: 482982
Ion Ratio Lower Upper
117 100
82 57.2 44.6 67.0
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN086874.D

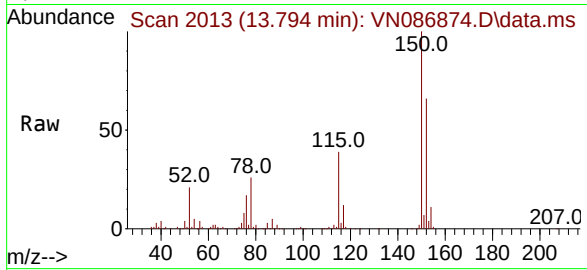
Acq: 06 Jun 2025 18:19

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-GW-810-812



Tgt Ion:152 Resp: 222332

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.5

150 156.4 0.0 345.0

