

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086928.D
 Acq On : 10 Jun 2025 15:00
 Operator : JC\MD
 Sample : Q2251-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-740-742

Quant Time: Jun 11 01:56:01 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)

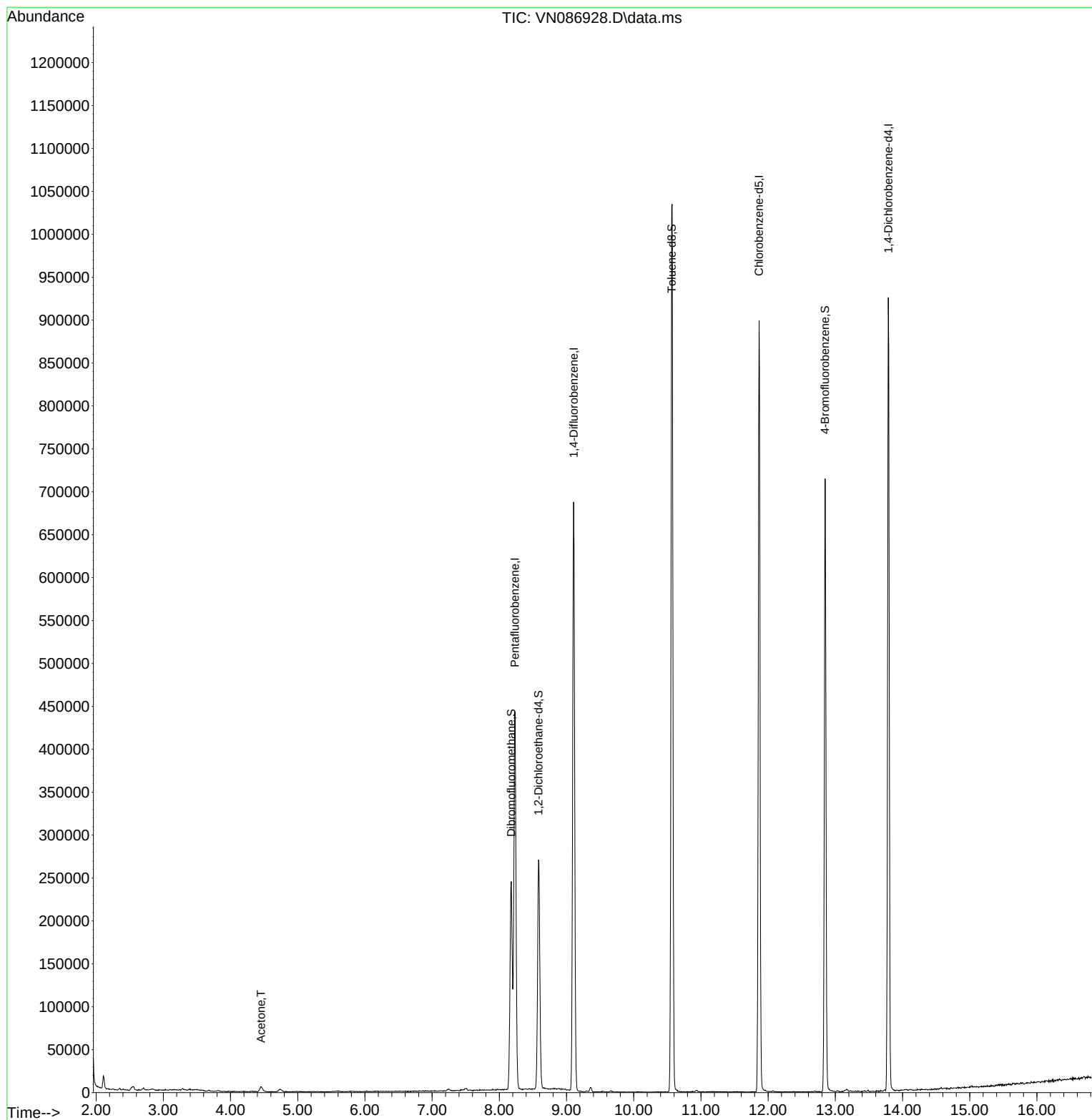
Internal Standards						
1) Pentafluorobenzene	8.230	168	345182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642235	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	564142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	270892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	222351	48.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.220%
35) Dibromofluoromethane	8.177	113	185912	48.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.700%
50) Toluene-d8	10.565	98	774981	51.435	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.880%
62) 4-Bromofluorobenzene	12.847	95	279363	49.905	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.820%
Target Compounds						
16) Acetone	4.453	43	12197	4.977	ug/l	Qvalue 96

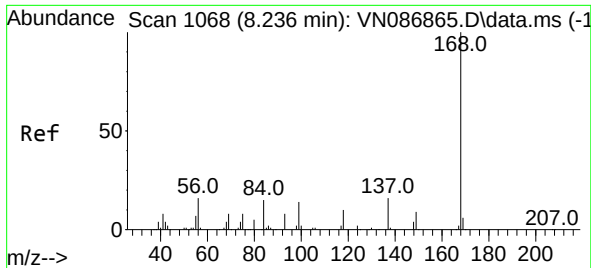
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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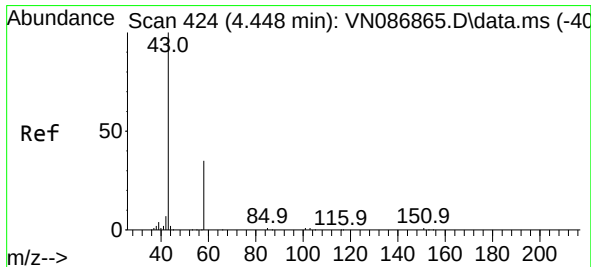
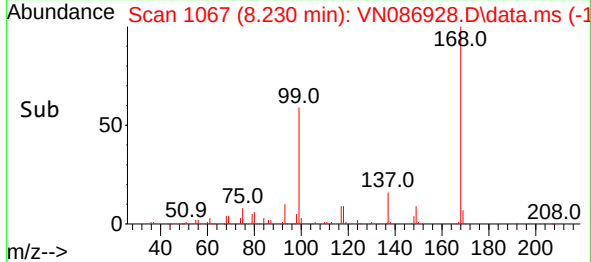
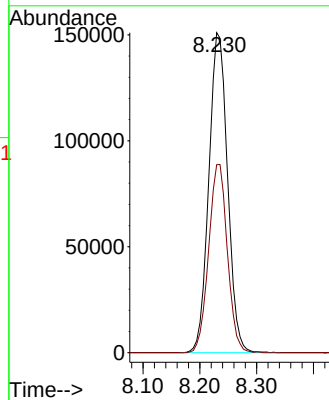
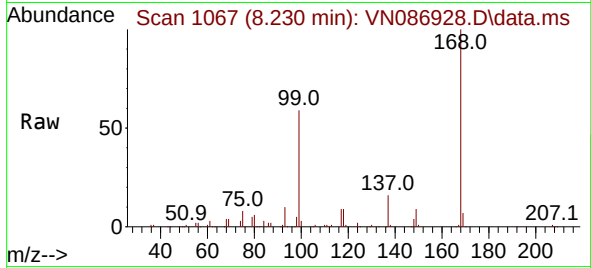




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

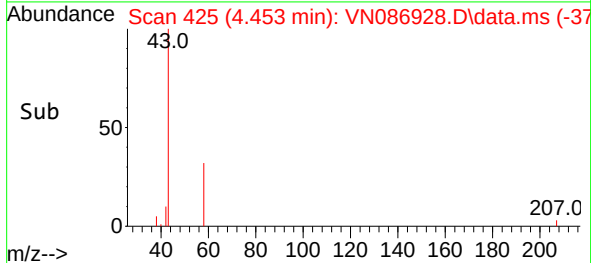
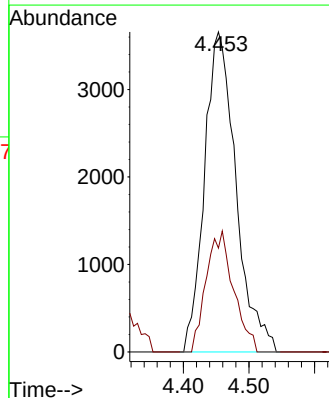
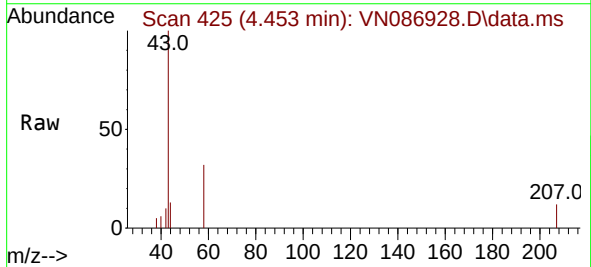
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-182-GW-740-742

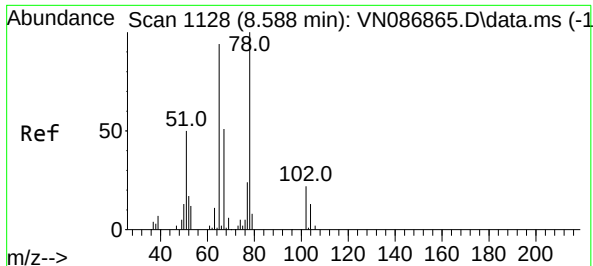
Tgt Ion:168 Resp: 345182
Ion Ratio Lower Upper
168 100
99 58.7 49.1 73.7



#16
Acetone
Concen: 4.977 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

Tgt Ion: 43 Resp: 12197
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 48.111 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086928.D

Acq: 10 Jun 2025 15:00

Instrument :

MSVOA_N

ClientSampleId :

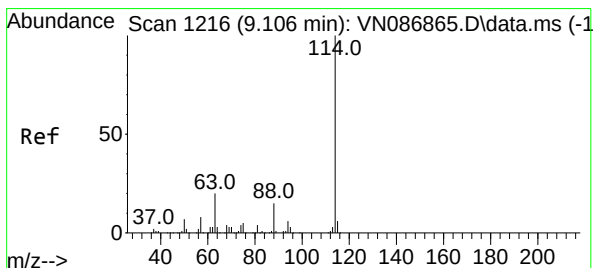
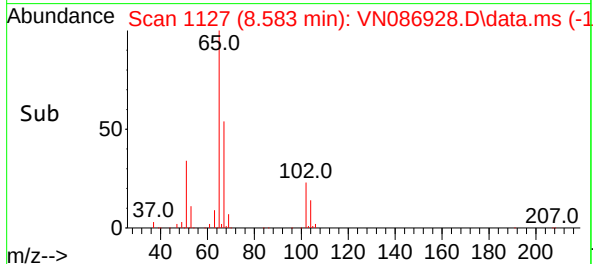
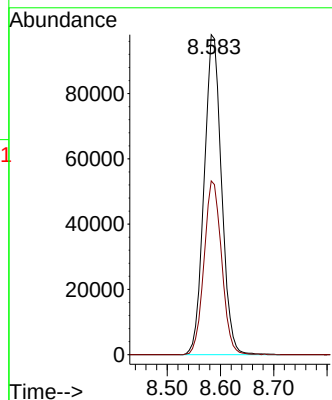
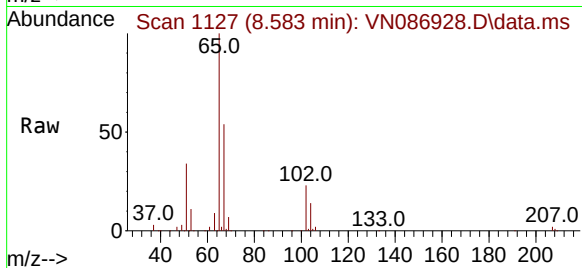
BP-VPB-182-GW-740-742

Tgt Ion: 65 Resp: 222351

Ion Ratio Lower Upper

65 100

67 54.8 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: VN086928.D

Acq: 10 Jun 2025 15:00

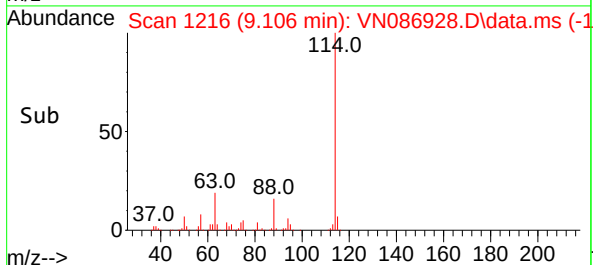
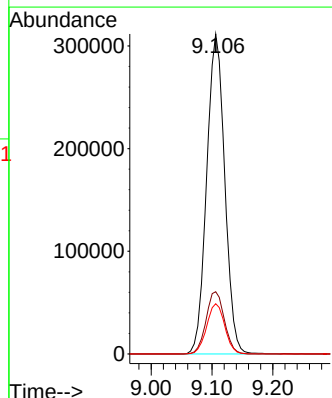
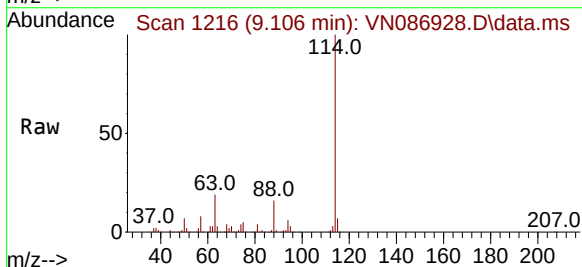
Tgt Ion: 114 Resp: 642235

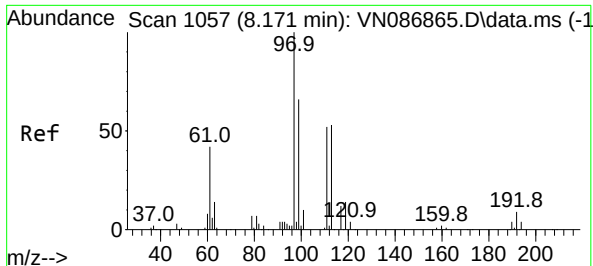
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.7 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.847 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086928.D

Acq: 10 Jun 2025 15:00

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-182-GW-740-742

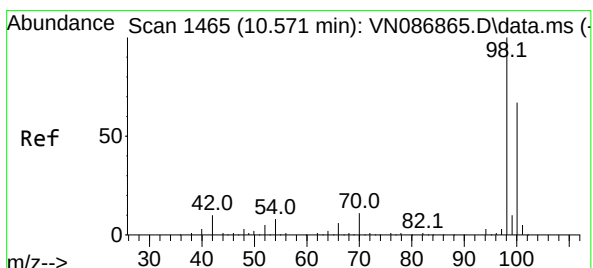
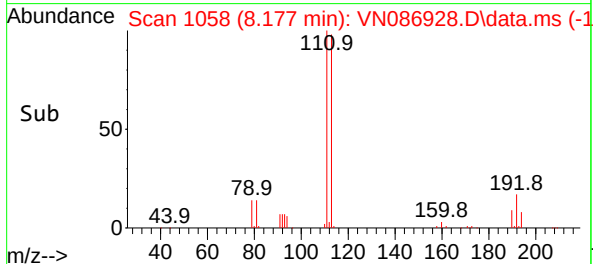
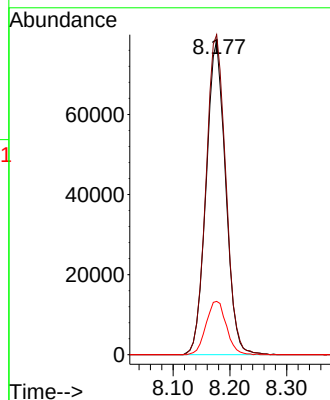
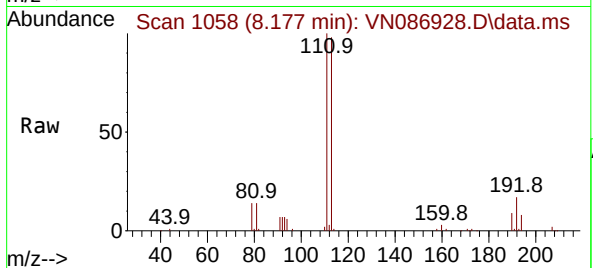
Tgt Ion:113 Resp: 185912

Ion Ratio Lower Upper

113 100

111 103.8 84.2 126.2

192 17.8 14.2 21.4



#50

Toluene-d8

Concen: 51.435 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN086928.D

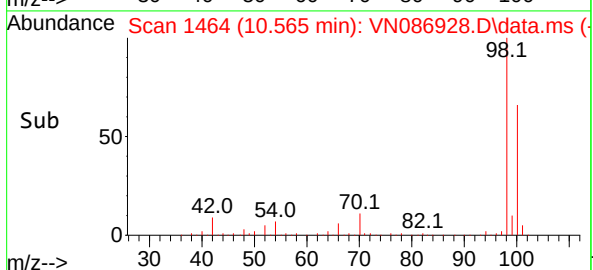
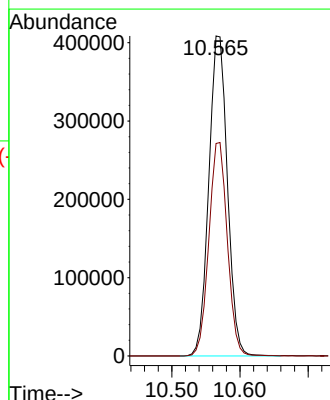
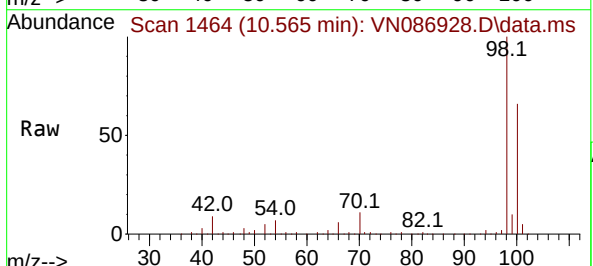
Acq: 10 Jun 2025 15:00

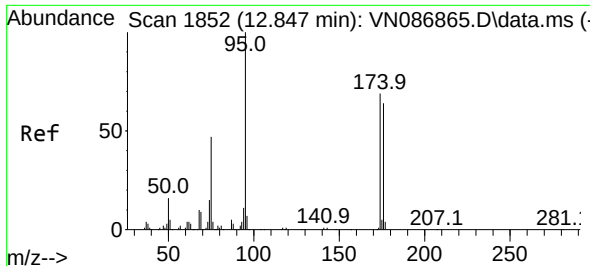
Tgt Ion: 98 Resp: 774981

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0

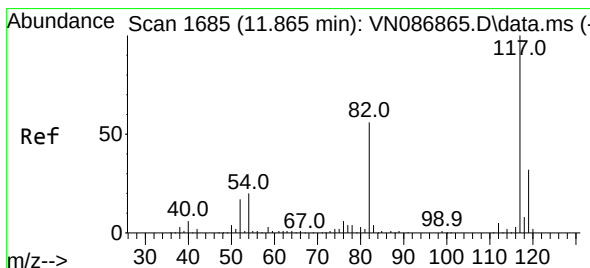
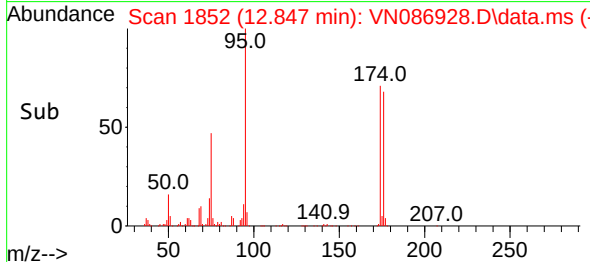
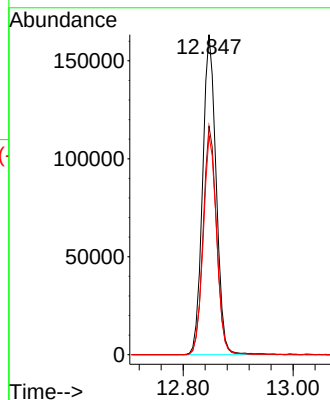
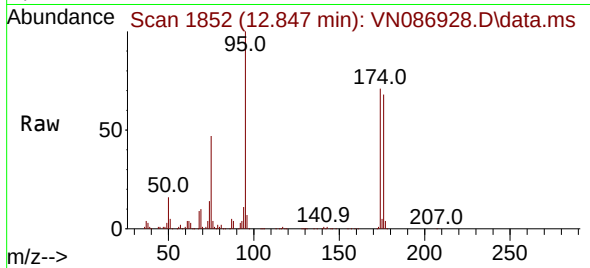




#62
4-Bromofluorobenzene
Concen: 49.905 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

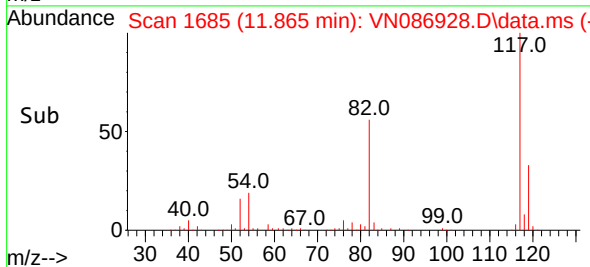
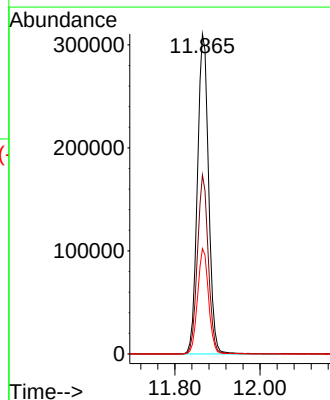
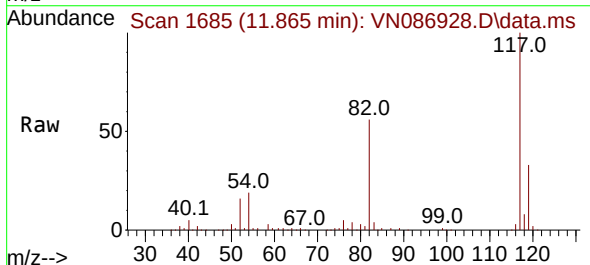
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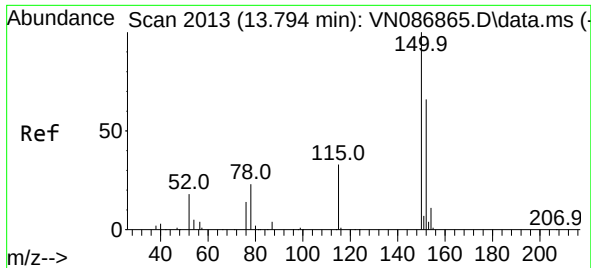
Tgt Ion: 95 Resp: 279363
Ion Ratio Lower Upper
95 100
174 70.6 0.0 141.8
176 67.9 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086928.D
Acq: 10 Jun 2025 15:00

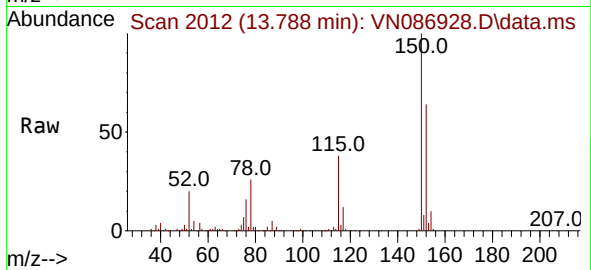
Tgt Ion: 117 Resp: 564142
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 33.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086928.D
 Acq: 10 Jun 2025 15:00

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-182-GW-740-742



Tgt Ion:152 Resp: 270892
 Ion Ratio Lower Upper
 152 100
 115 60.5 30.1 90.5
 150 157.4 0.0 345.0

