

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086906.D
 Acq On : 09 Jun 2025 15:30
 Operator : JC\MD
 Sample : Q2198-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-207-SB02

Quant Time: Jun 10 03:34:43 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)

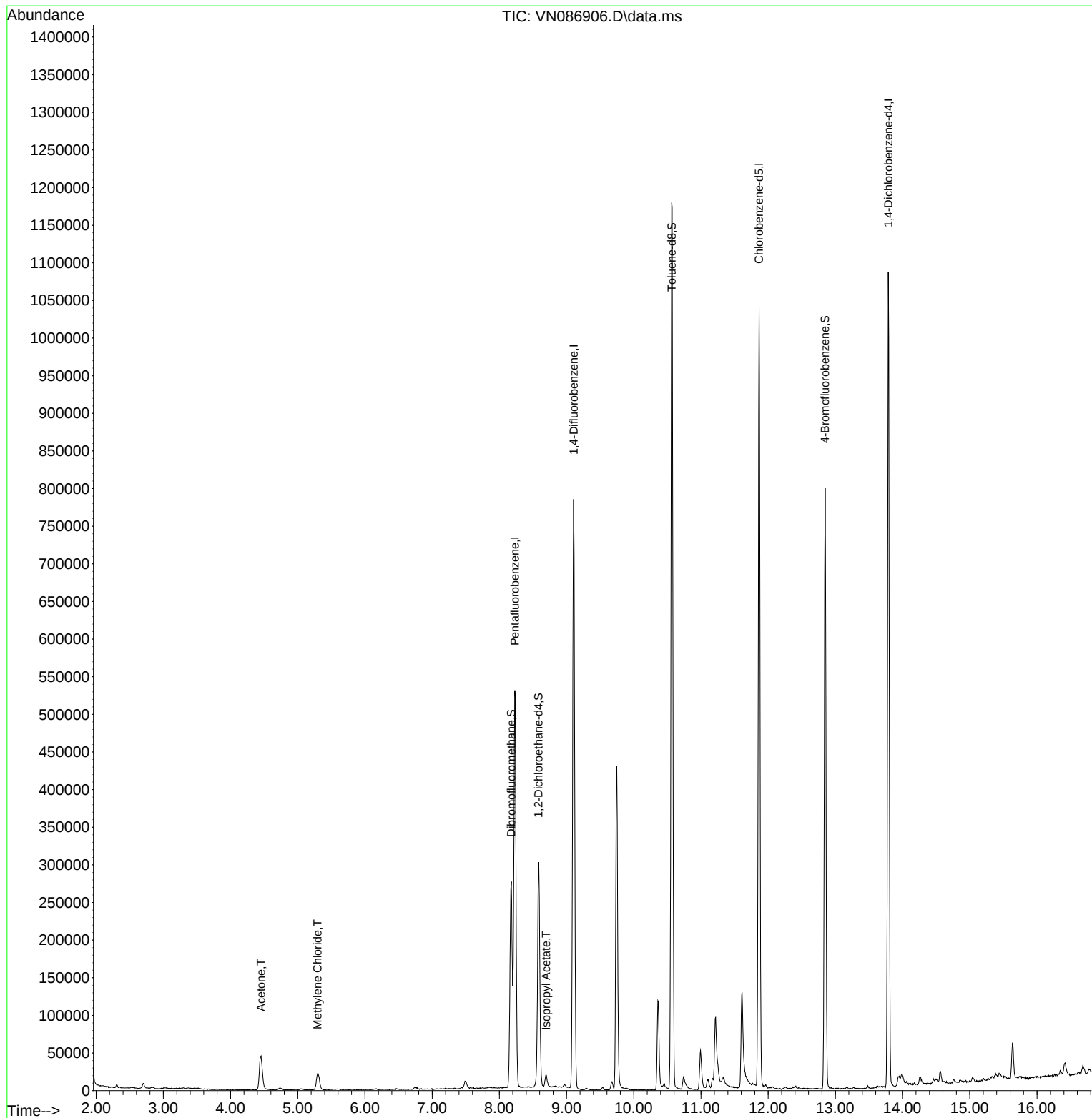
Internal Standards						
1) Pentafluorobenzene	8.230	168	419597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	749093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	650156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	318394	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	244735	43.563	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.120%
35) Dibromofluoromethane	8.177	113	214980	48.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.860%
50) Toluene-d8	10.565	98	894484	50.898	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.847	95	318978	48.854	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.700%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	90615	30.416	ug/l	100
20) Methylene Chloride	5.294	84	20133	3.610	ug/l #	89
43) Isopropyl Acetate	8.694	43	18250	1.350	ug/l	94

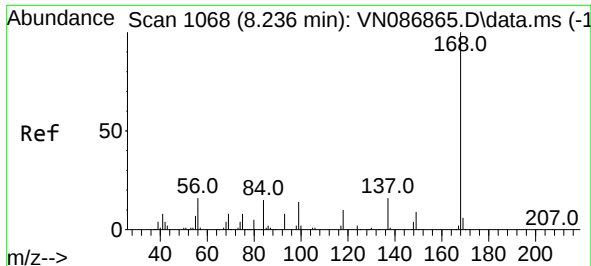
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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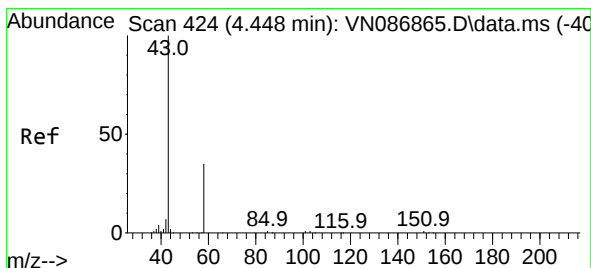
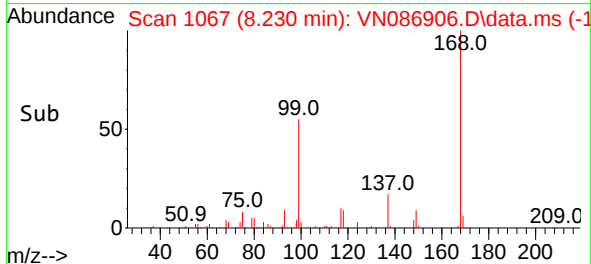
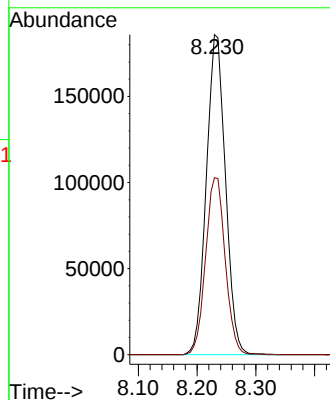
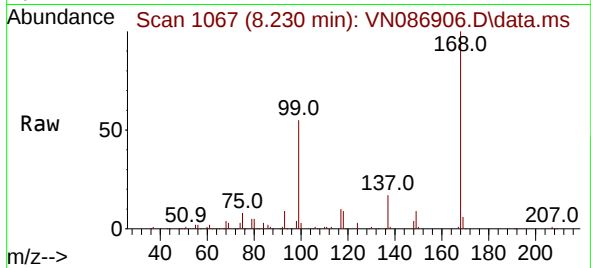




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

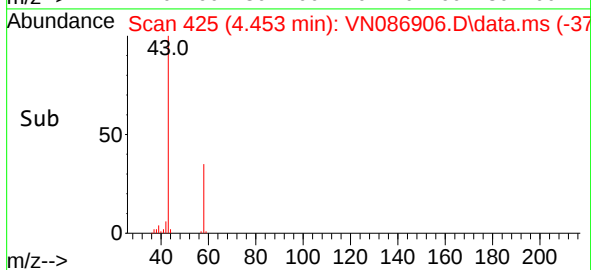
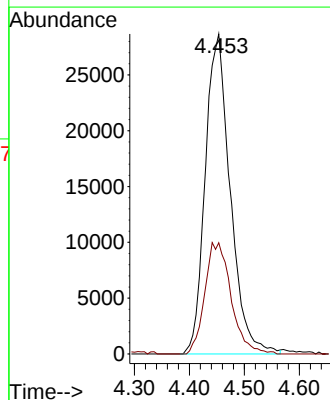
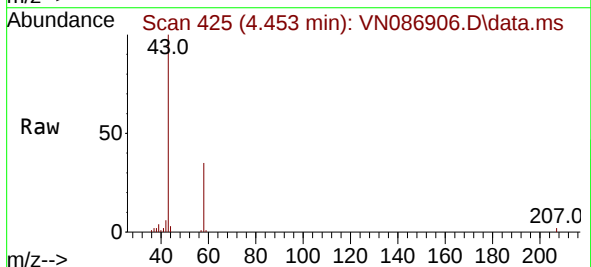
Instrument :
MSVOA_N
ClientSampleId :
B-207-SB02

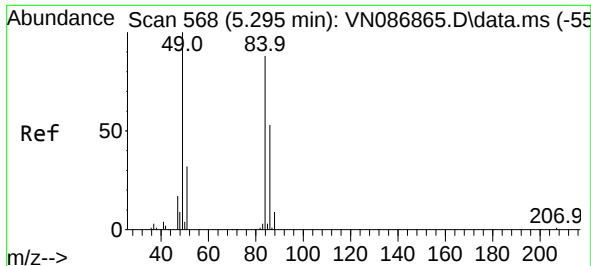
Tgt Ion:168 Resp: 419597
Ion Ratio Lower Upper
168 100
99 55.3 49.1 73.7



#16
Acetone
Concen: 30.416 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

Tgt Ion: 43 Resp: 90615
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0

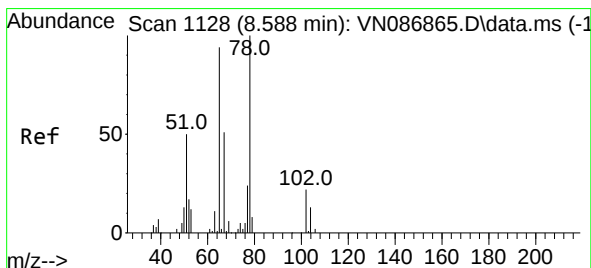
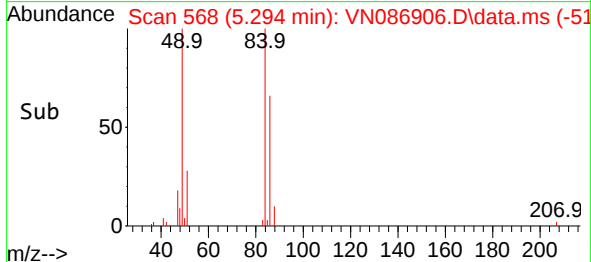
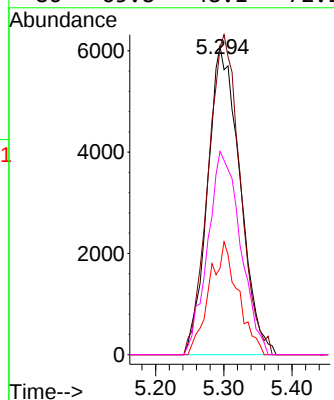
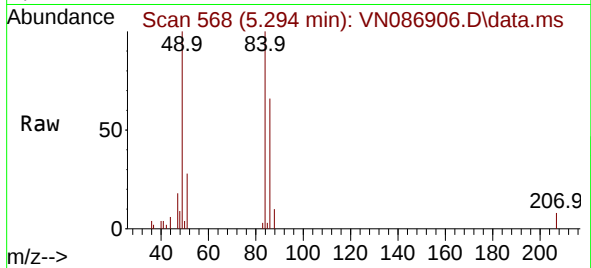




#20
Methylene Chloride
Concen: 3.610 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

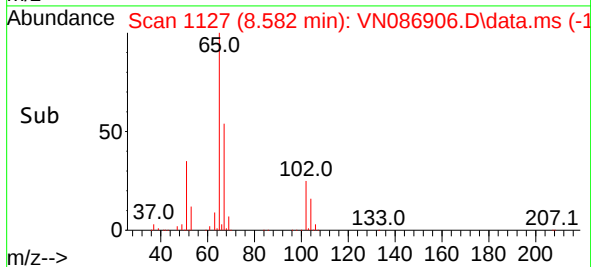
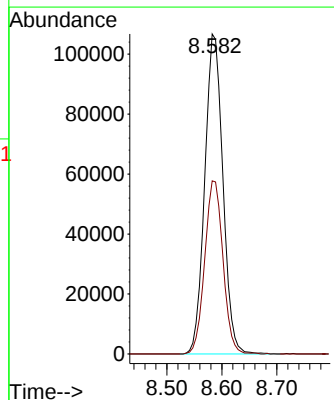
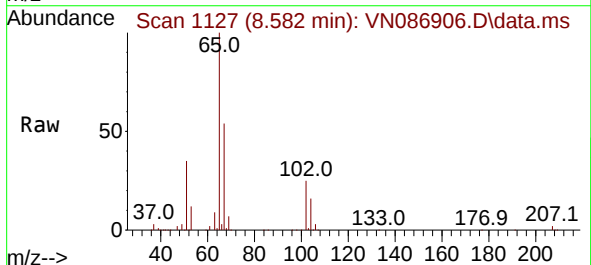
Instrument :
MSVOA_N
ClientSampleId :
B-207-SB02

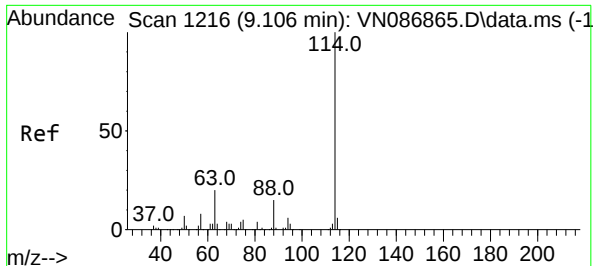
Tgt Ion:	84	Resp:	20133
Ion	Ratio	Lower	Upper
84	100		
49	99.6	90.5	135.7
51	28.1	28.5	42.7#
86	65.8	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 43.563 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

Tgt Ion:	65	Resp:	244735
Ion	Ratio	Lower	Upper
65	100		
67	54.4	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086906.D

Acq: 09 Jun 2025 15:30

Instrument :

MSVOA_N

ClientSampleId :

B-207-SB02

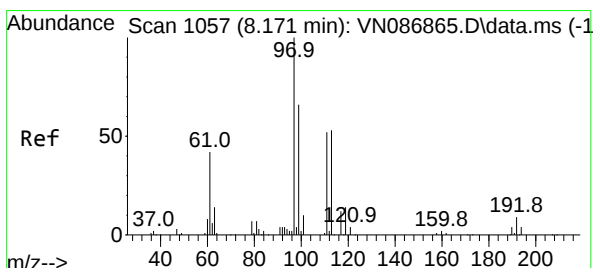
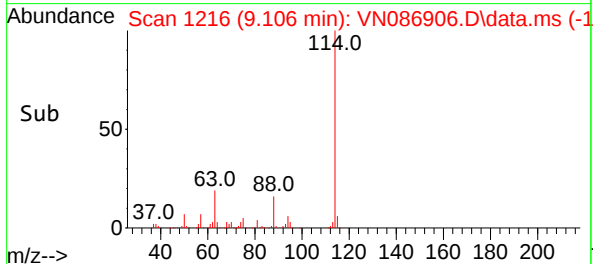
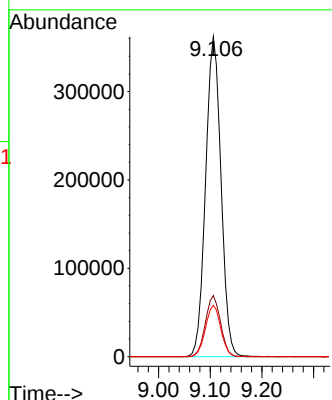
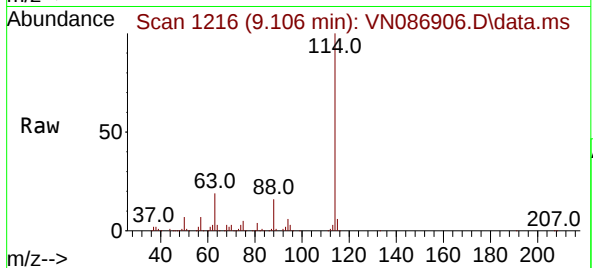
Tgt Ion:114 Resp: 749093

Ion Ratio Lower Upper

114 100

63 19.1 0.0 39.6

88 16.0 0.0 30.2



#35

Dibromofluoromethane

Concen: 48.427 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086906.D

Acq: 09 Jun 2025 15:30

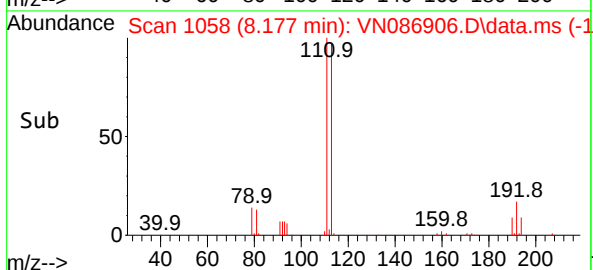
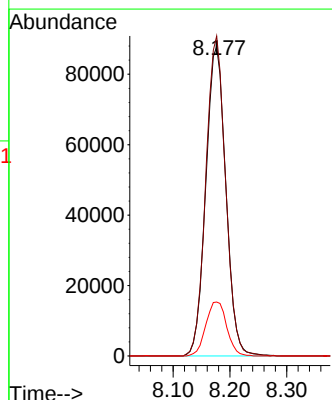
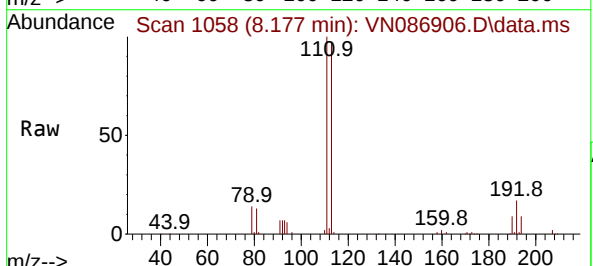
Tgt Ion:113 Resp: 214980

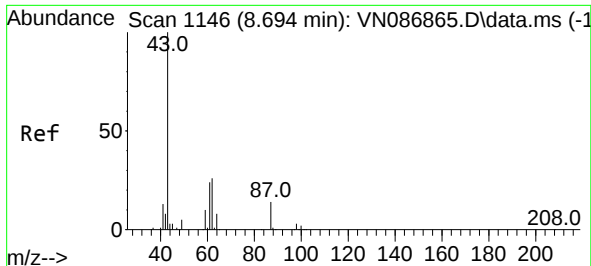
Ion Ratio Lower Upper

113 100

111 101.7 84.2 126.2

192 18.2 14.2 21.4

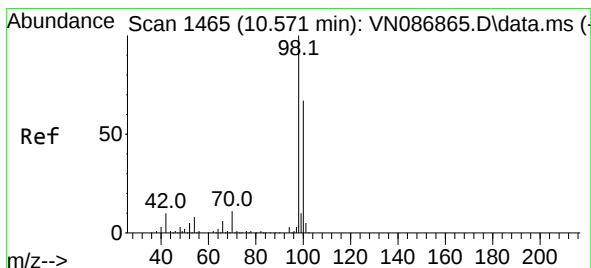
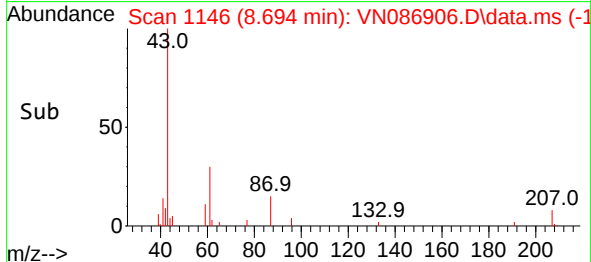
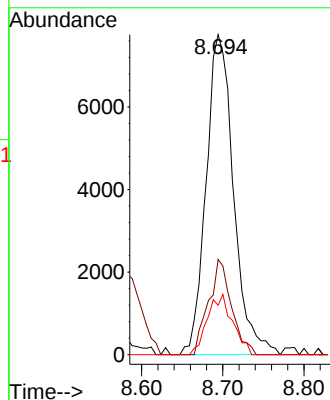
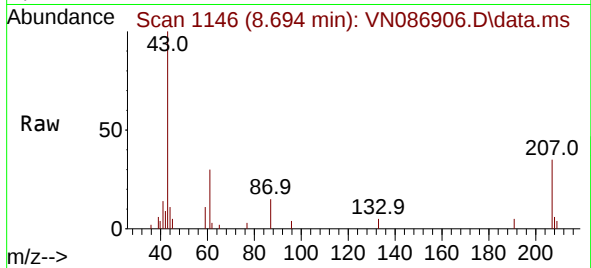




#43
Isopropyl Acetate
Concen: 1.350 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

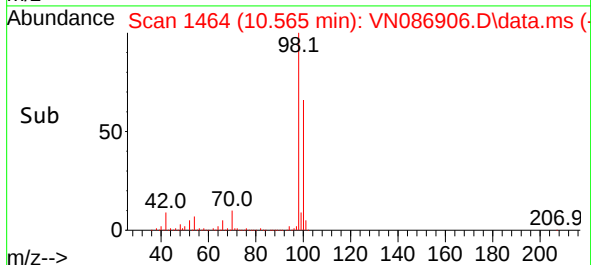
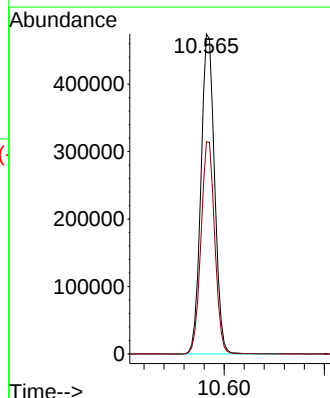
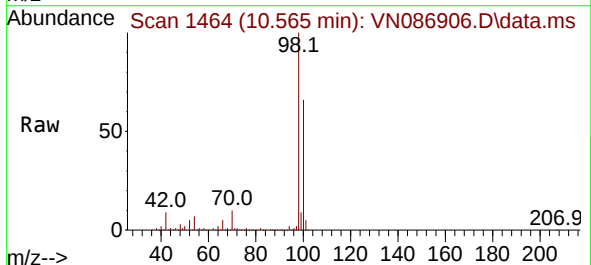
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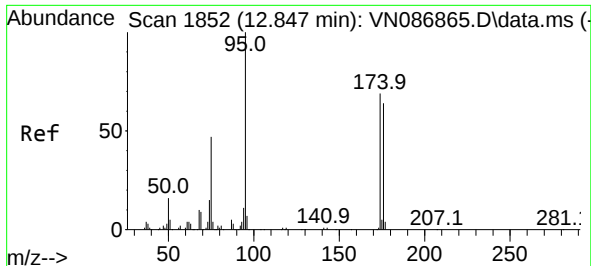
Tgt Ion: 43 Resp: 18250
Ion Ratio Lower Upper
43 100
61 24.9 22.1 33.1
87 17.2 11.8 17.6



#50
Toluene-d8
Concen: 50.898 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

Tgt Ion: 98 Resp: 894484
Ion Ratio Lower Upper
98 100
100 67.0 53.4 80.0

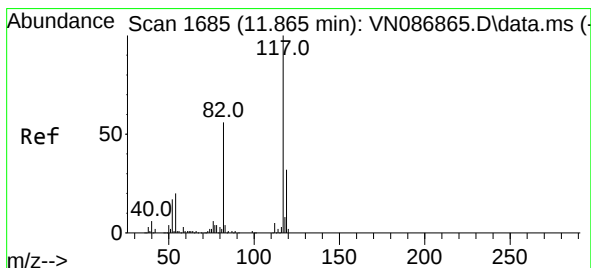
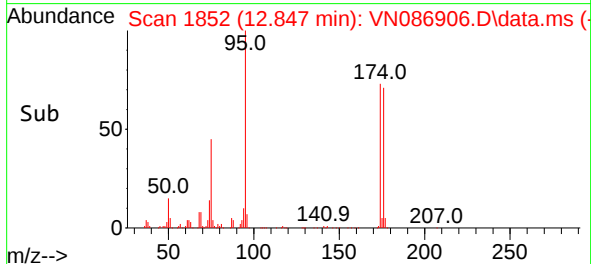
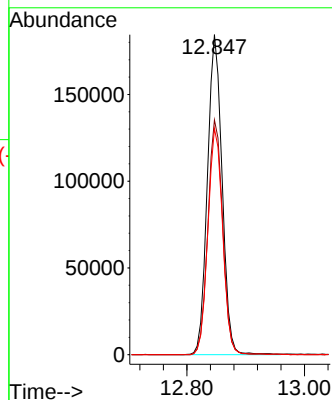
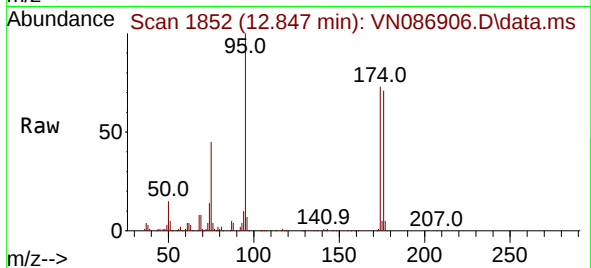




#62
4-Bromofluorobenzene
Concen: 48.854 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

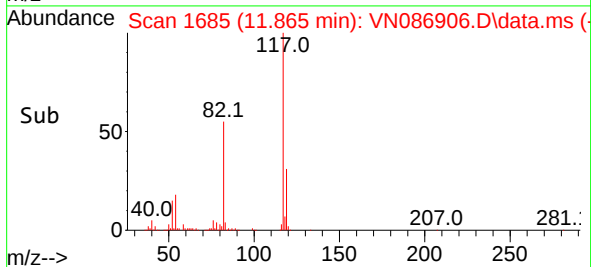
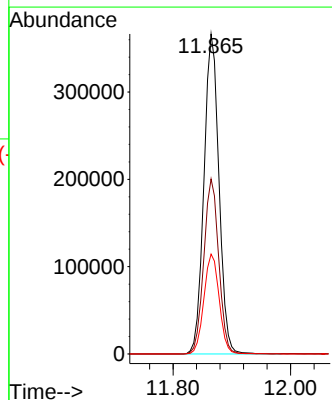
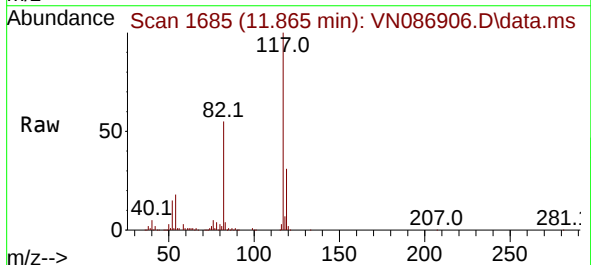
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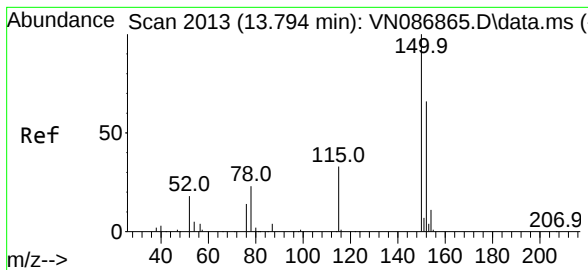
Tgt Ion: 95 Resp: 318978
Ion Ratio Lower Upper
95 100
174 73.8 0.0 141.8
176 71.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

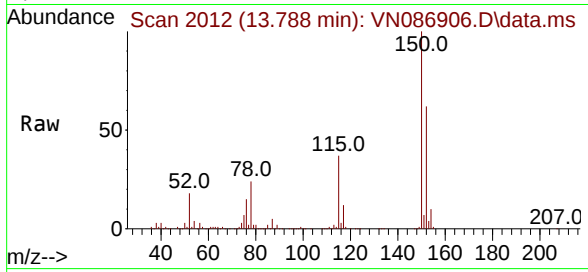
Tgt Ion: 117 Resp: 650156
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.2 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN086906.D
Acq: 09 Jun 2025 15:30

Instrument :
MSVOA_N
ClientSampleId :
B-207-SB02



Tgt Ion:152 Resp: 318394
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.5
150 158.4 0.0 345.0

