

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086884.D
 Acq On : 06 Jun 2025 22:07
 Operator : JC\MD
 Sample : Q2198-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-202-SB02

Quant Time: Jun 07 02:32:56 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)

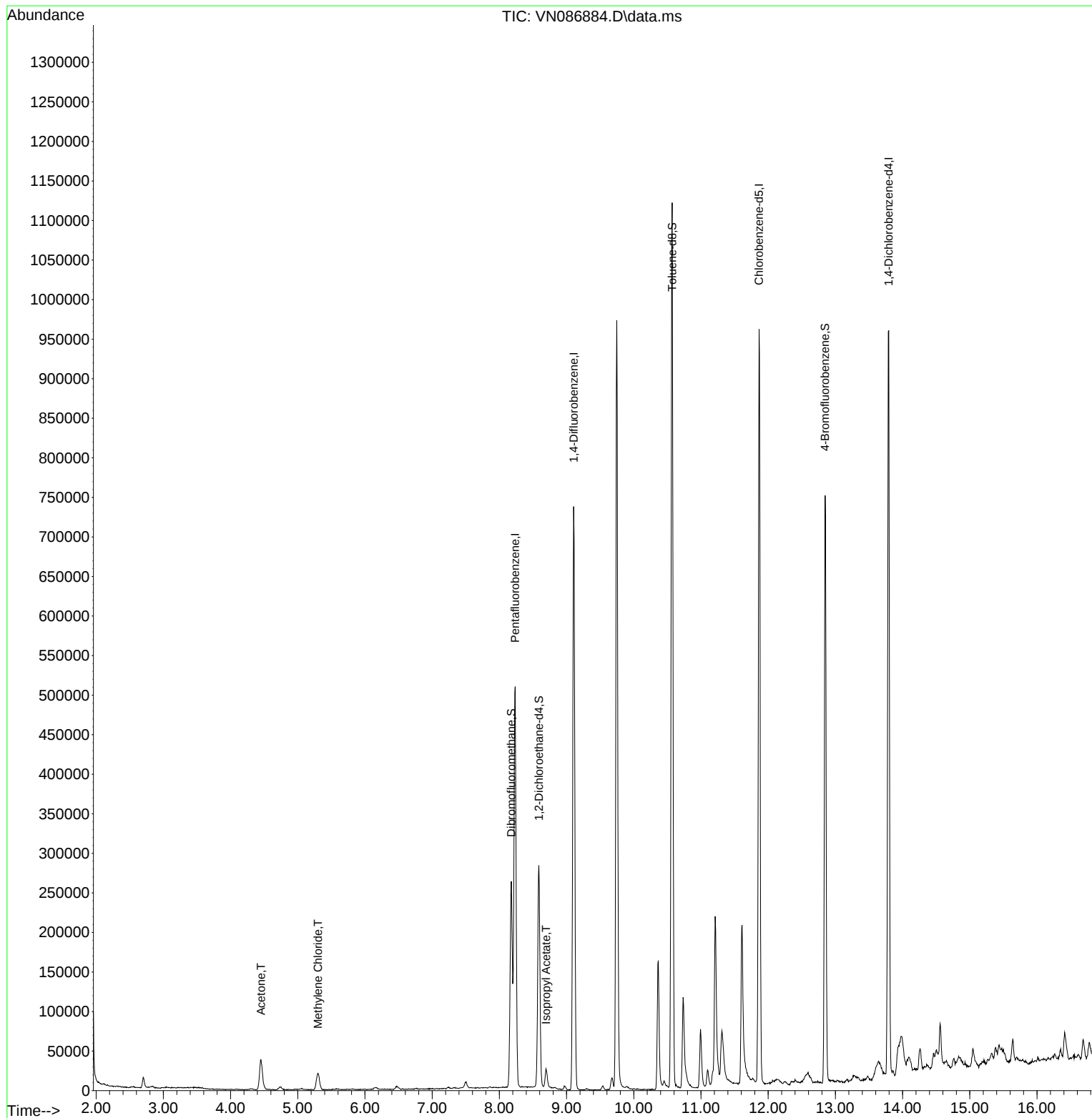
Internal Standards						
1) Pentafluorobenzene	8.235	168	409861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	701621	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	607667	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	296022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	229171	41.762	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.520%
35) Dibromofluoromethane	8.177	113	199395	47.955	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	10.571	98	832222	50.559	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.847	95	298767	48.854	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.700%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	74188	25.493	ug/l	100
20) Methylene Chloride	5.300	84	18722	3.436	ug/l	96
43) Isopropyl Acetate	8.694	43	27252	2.153	ug/l	95

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
Data File : VN086884.D
Acq On : 06 Jun 2025 22:07
Operator : JC\MD
Sample : Q2198-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
B-202-SB02

Quant Time: Jun 07 02:32:56 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

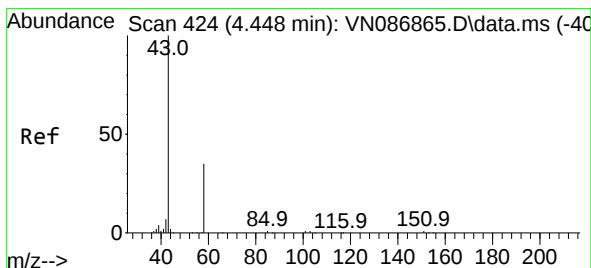
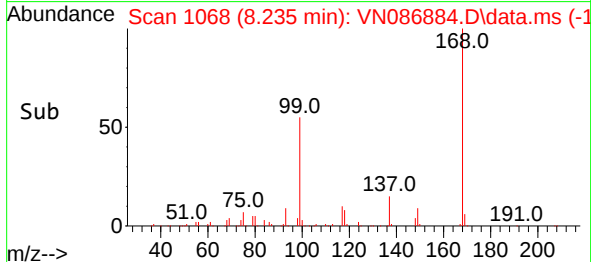
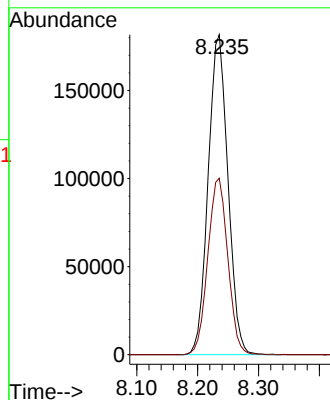
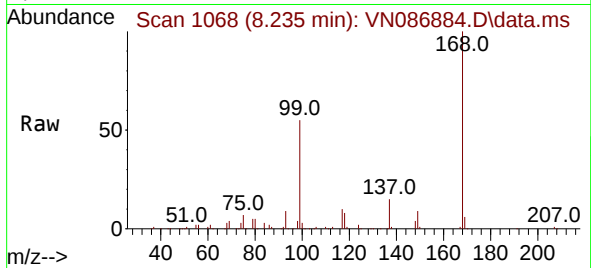




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

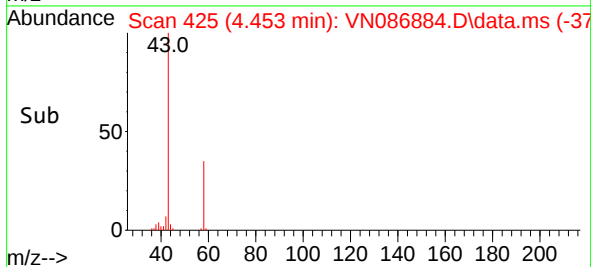
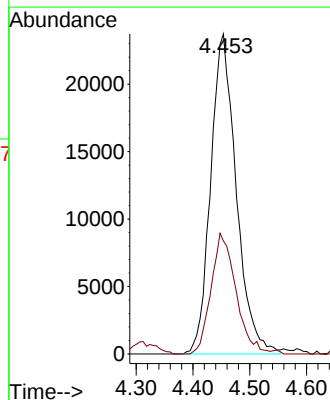
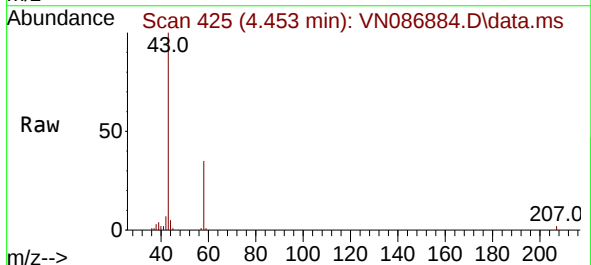
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB02

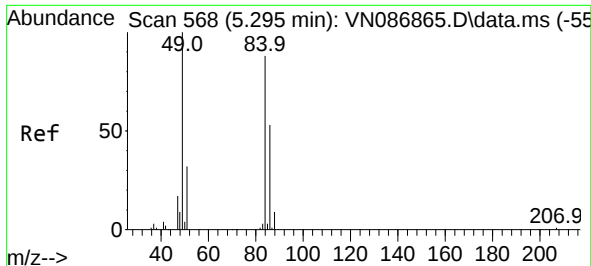
Tgt Ion:168 Resp: 409861
Ion Ratio Lower Upper
168 100
99 55.2 49.1 73.7



#16
Acetone
Concen: 25.493 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

Tgt Ion: 43 Resp: 74188
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0

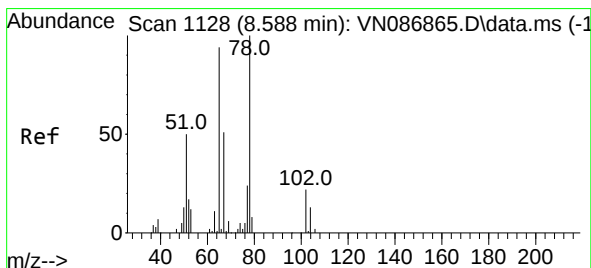
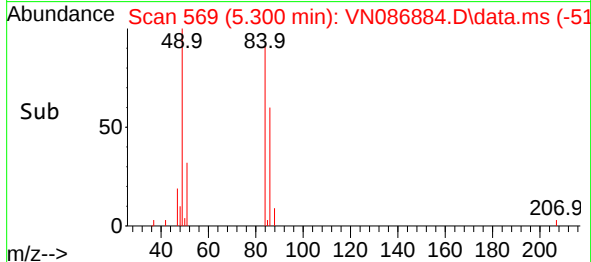
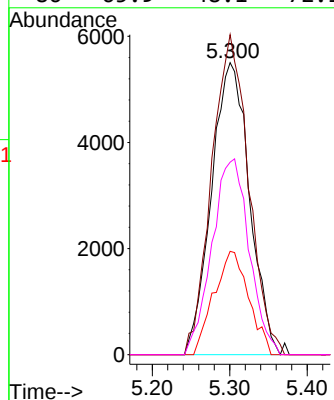
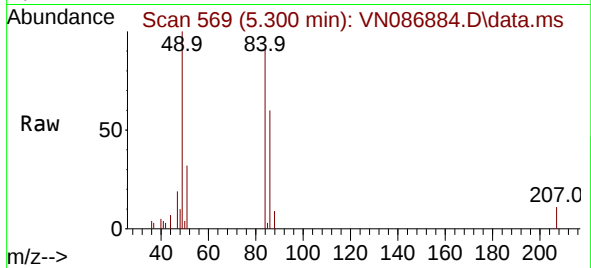




#20
Methylene Chloride
Concen: 3.436 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

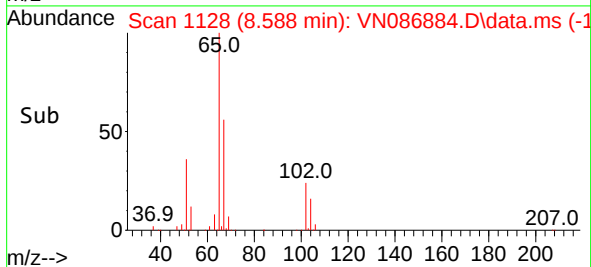
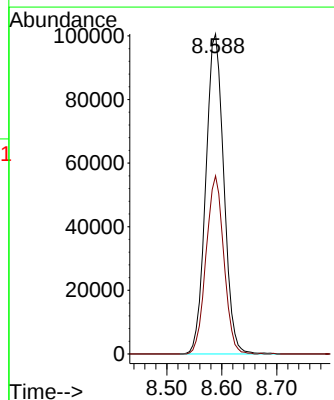
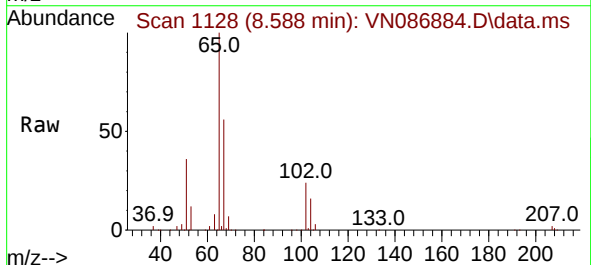
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB02

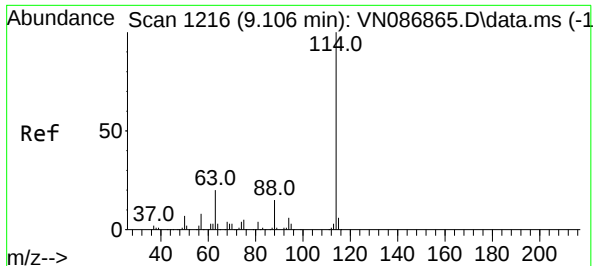
Tgt Ion:	84	Resp:	18722
Ion	Ratio	Lower	Upper
84	100		
49	109.6	90.5	135.7
51	35.4	28.5	42.7
86	65.9	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 41.762 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

Tgt Ion:	65	Resp:	229171
Ion	Ratio	Lower	Upper
65	100		
67	54.7	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: VN086884.D

Acq: 06 Jun 2025 22:07

Instrument :

MSVOA_N

ClientSampleId :

B-202-SB02

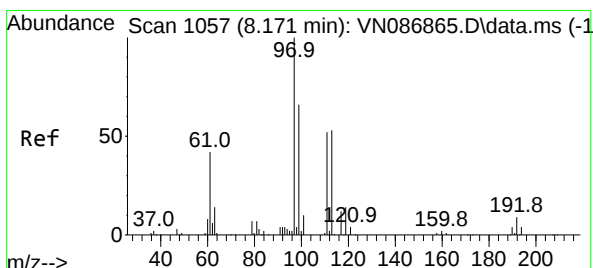
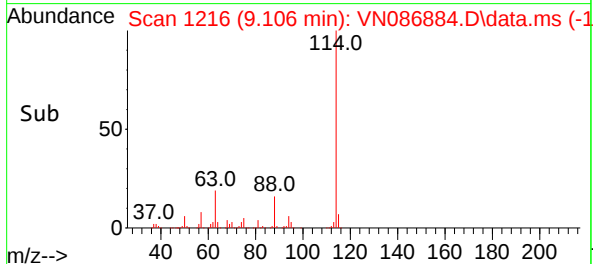
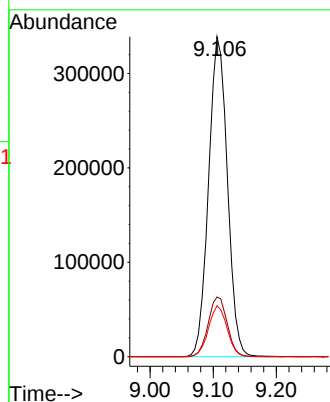
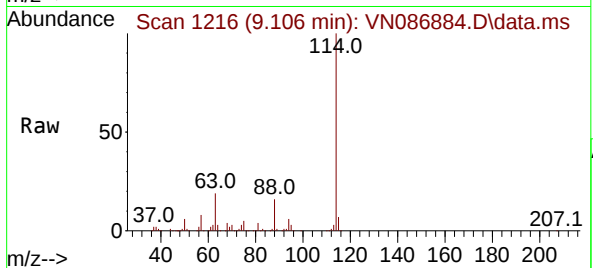
Tgt Ion:114 Resp: 701621

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 15.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 47.955 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086884.D

Acq: 06 Jun 2025 22:07

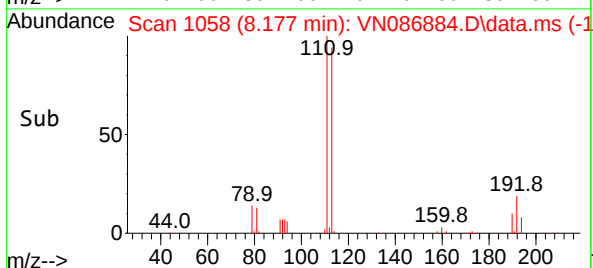
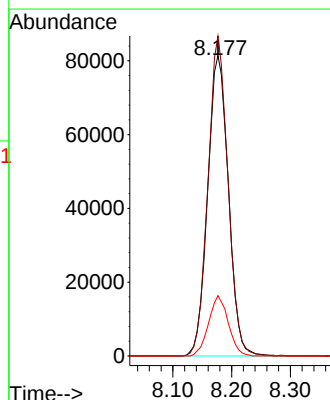
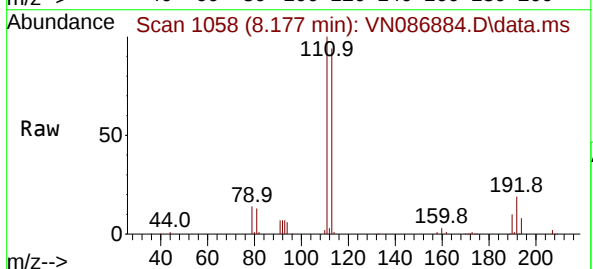
Tgt Ion:113 Resp: 199395

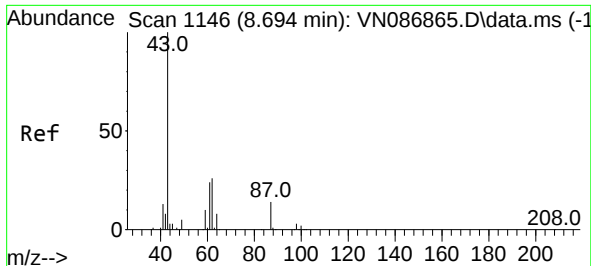
Ion Ratio Lower Upper

113 100

111 102.8 84.2 126.2

192 19.0 14.2 21.4

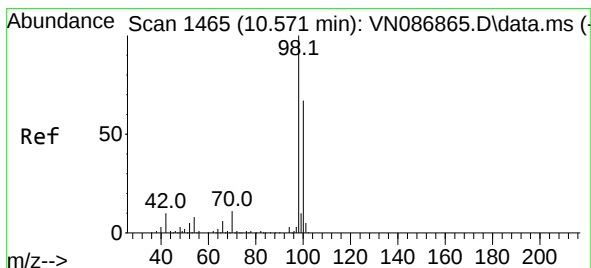
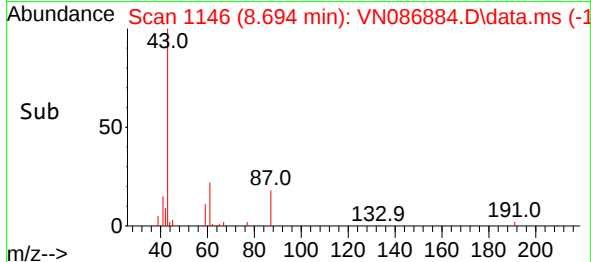
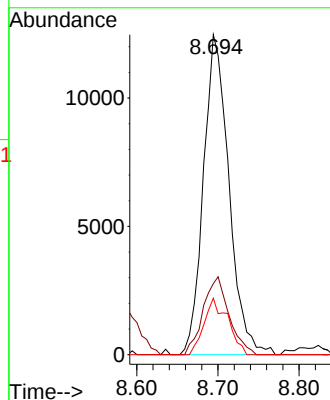
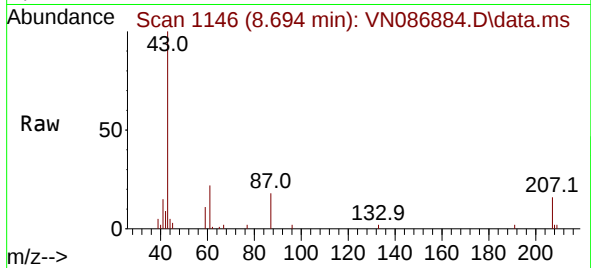




#43
Isopropyl Acetate
Concen: 2.153 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

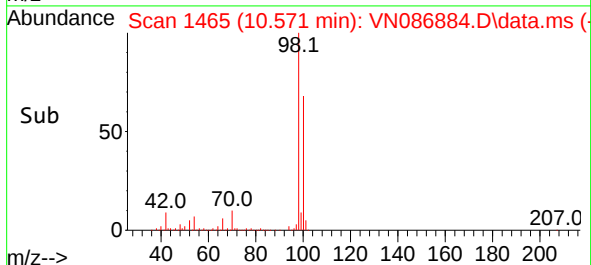
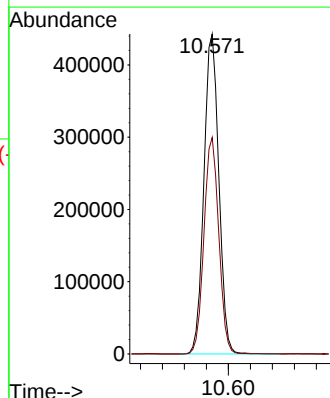
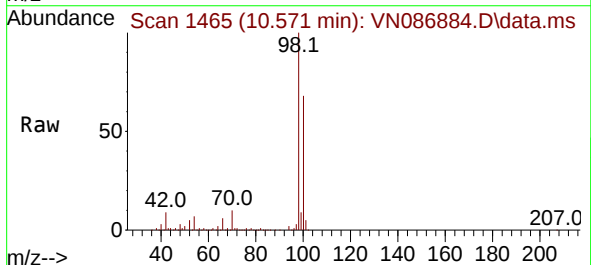
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB02

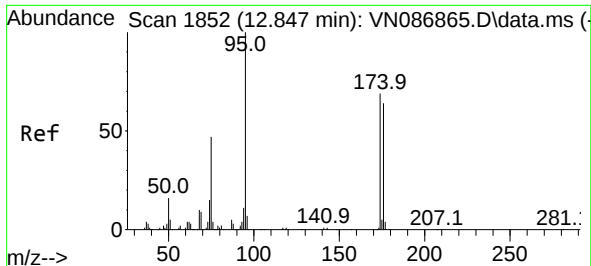
Tgt Ion: 43	Resp: 27252
Ion Ratio	Lower Upper
43 100	
61 24.7	22.1 33.1
87 16.4	11.8 17.6



#50
Toluene-d8
Concen: 50.559 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

Tgt Ion: 98	Resp: 832222
Ion Ratio	Lower Upper
98 100	
100 67.2	53.4 80.0

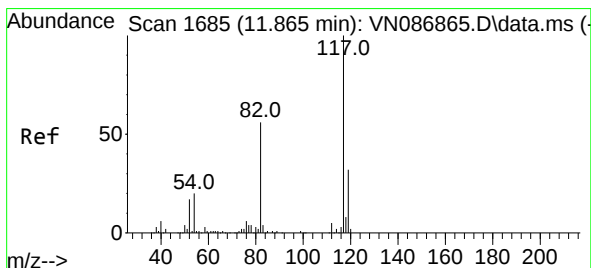
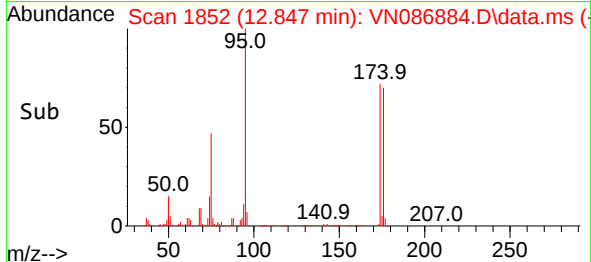
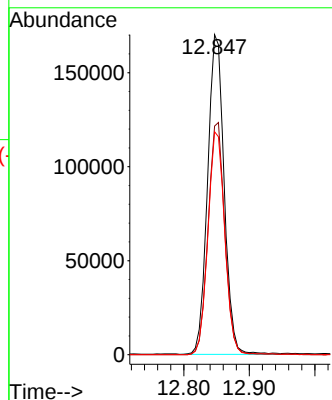
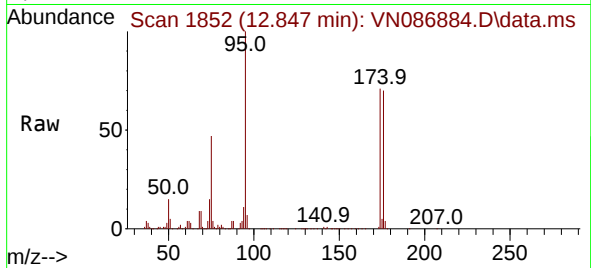




#62
4-Bromofluorobenzene
Concen: 48.854 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

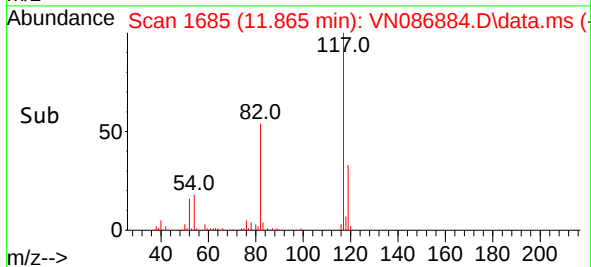
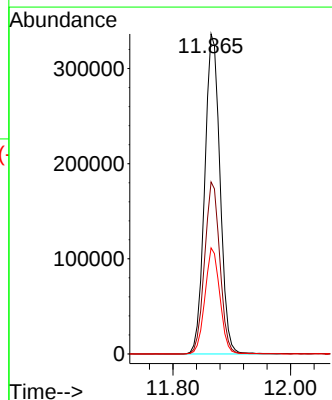
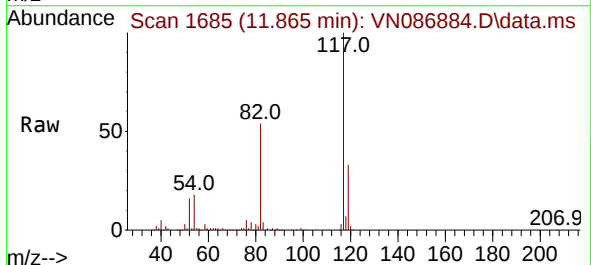
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB02

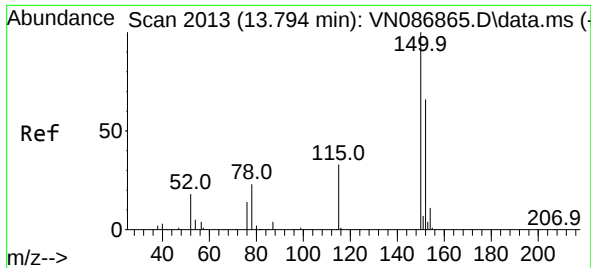
Tgt Ion: 95 Resp: 298767
Ion Ratio Lower Upper
95 100
174 73.2 0.0 141.8
176 70.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086884.D
Acq: 06 Jun 2025 22:07

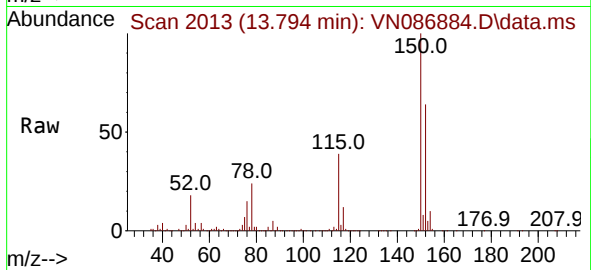
Tgt Ion: 117 Resp: 607667
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 33.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086884.D
 Acq: 06 Jun 2025 22:07

Instrument :
 MSVOA_N
 ClientSampleId :
 B-202-SB02



Tgt Ion:152 Resp: 296022
 Ion Ratio Lower Upper
 152 100
 115 58.5 30.1 90.5
 150 155.7 0.0 345.0

