

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086905.D
 Acq On : 09 Jun 2025 15:08
 Operator : JC\MD
 Sample : Q2198-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-202-SB02

Quant Time: Jun 10 03:34:20 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)

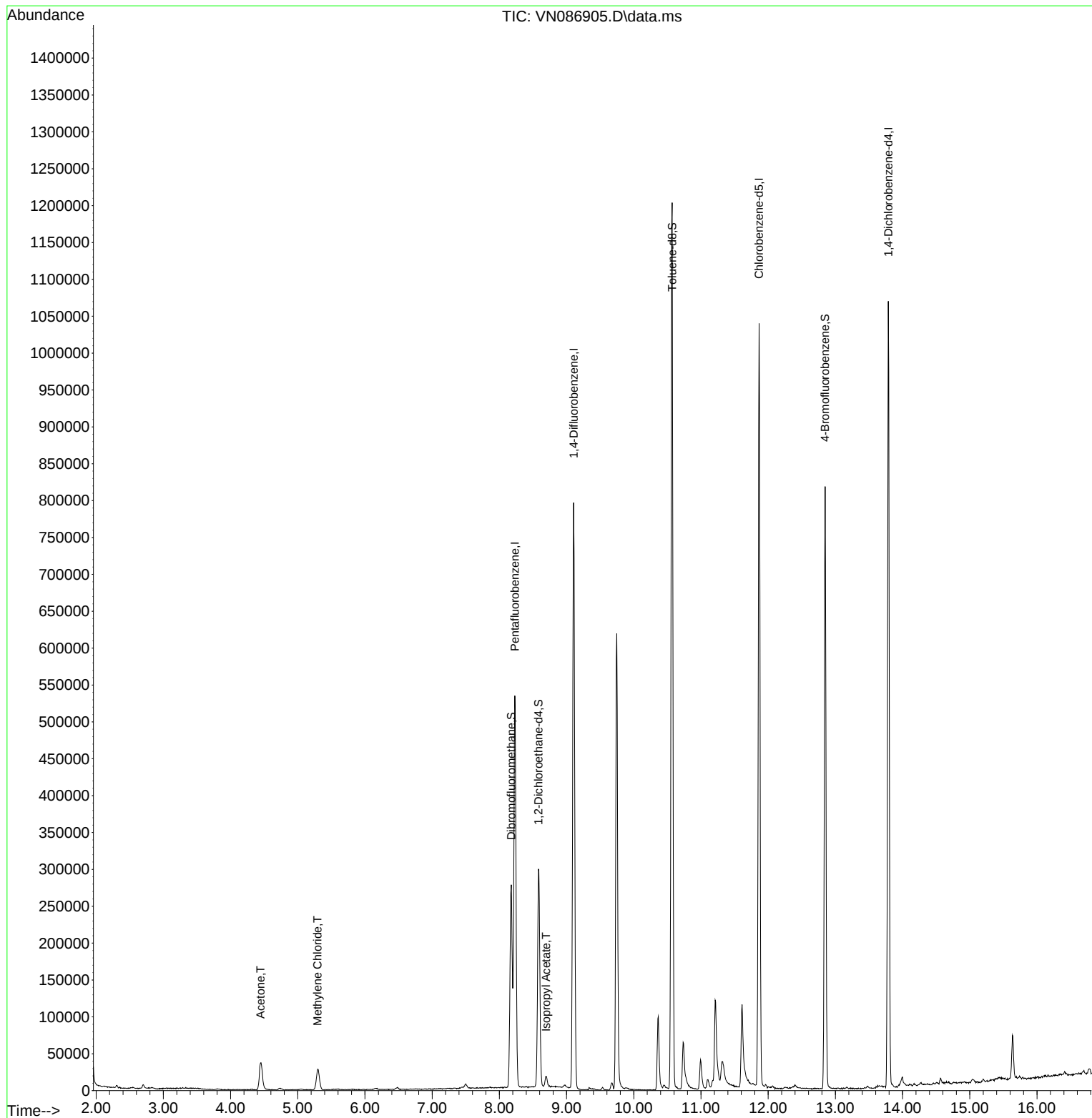
Internal Standards						
1) Pentafluorobenzene	8.229	168	429044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	754017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	651717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	315202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	243428	42.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.760%
35) Dibromofluoromethane	8.177	113	214624	48.031	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.060%
50) Toluene-d8	10.570	98	897684	50.747	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.500%
62) 4-Bromofluorobenzene	12.847	95	319909	48.676	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.360%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	75986	24.944	ug/l	97
20) Methylene Chloride	5.294	84	25077	4.397	ug/l	90
43) Isopropyl Acetate	8.694	43	17428	1.281	ug/l	97

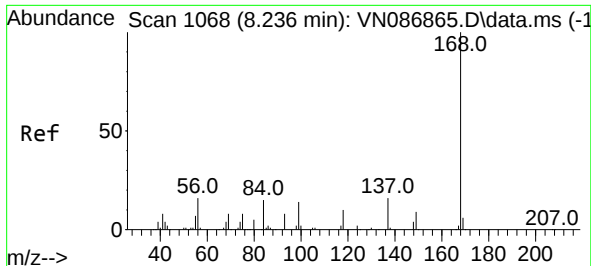
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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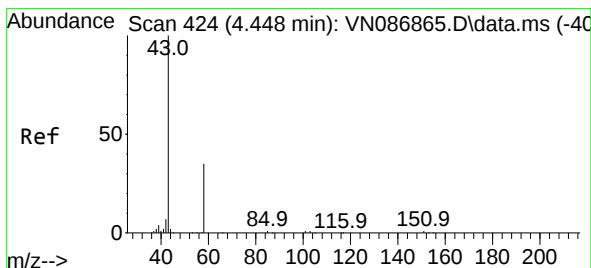
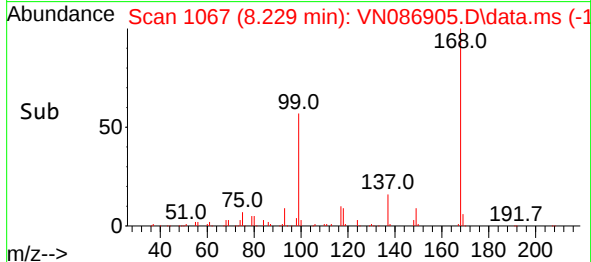
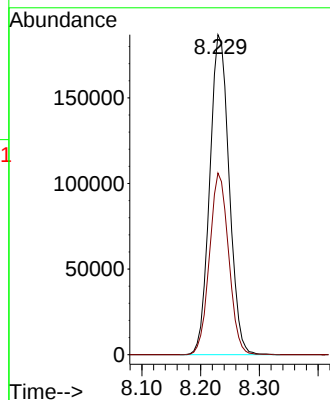
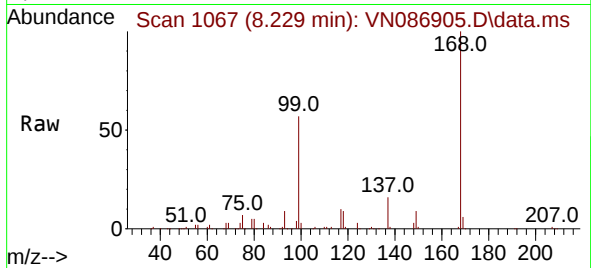




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

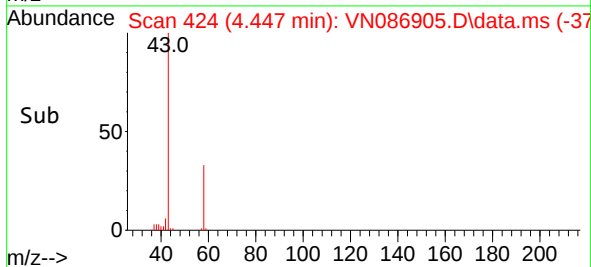
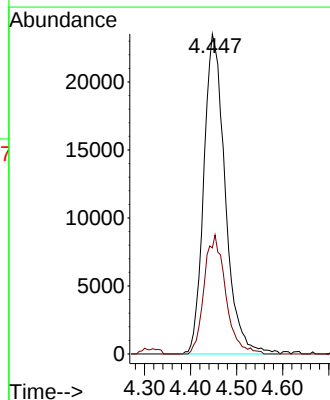
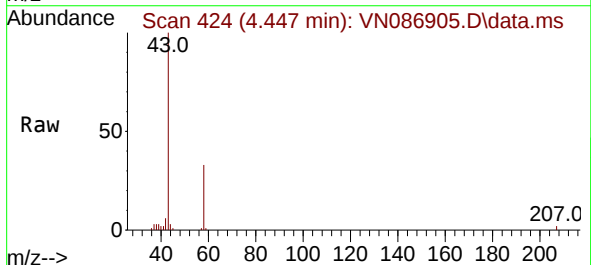
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB02

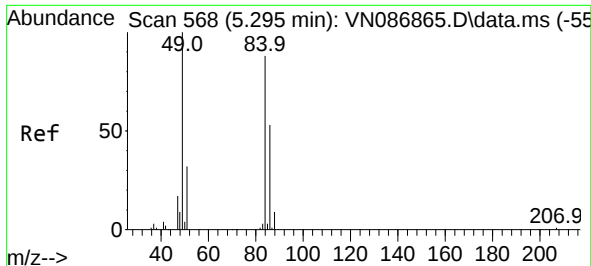
Tgt Ion:168 Resp: 429044
Ion Ratio Lower Upper
168 100
99 56.7 49.1 73.7



#16
Acetone
Concen: 24.944 ug/l
RT: 4.447 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

Tgt Ion: 43 Resp: 75986
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0

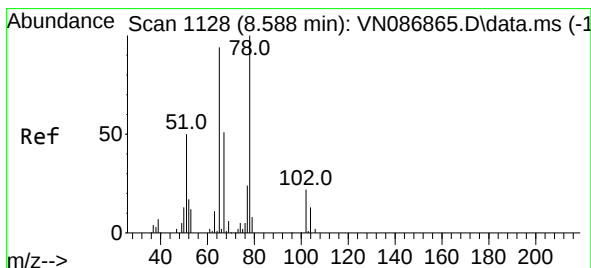
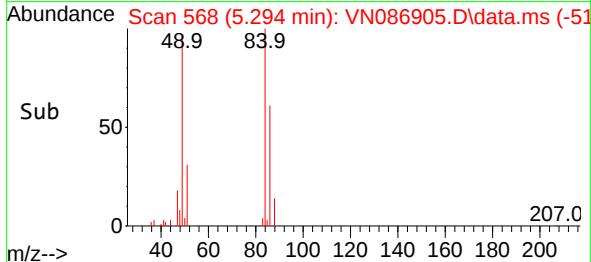
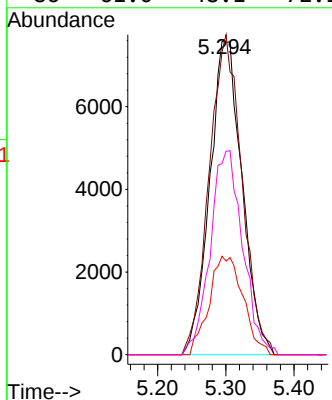
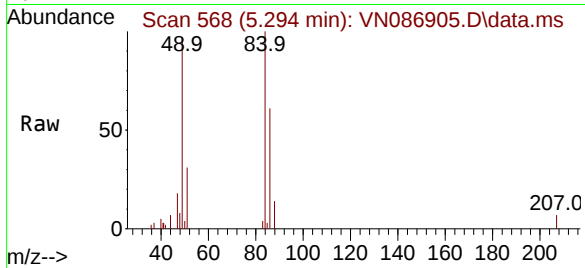




#20
Methylene Chloride
Concen: 4.397 ug/l
RT: 5.294 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

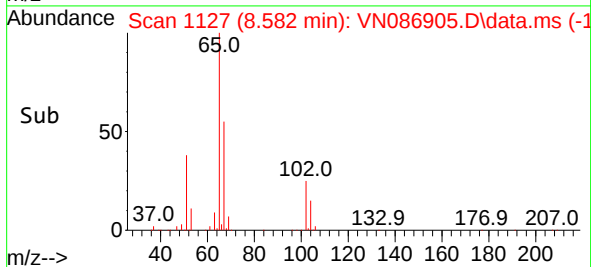
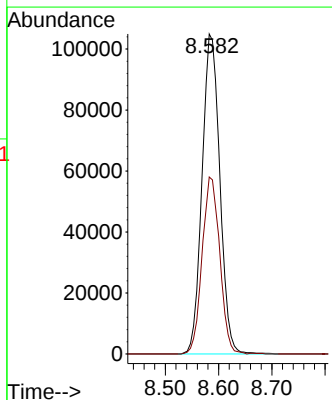
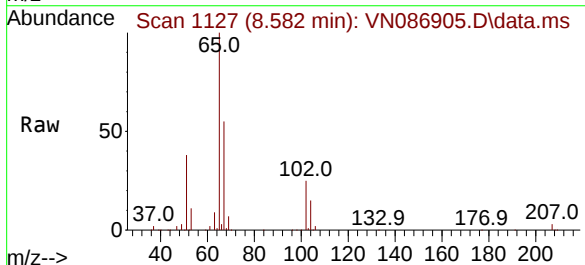
Instrument :
MSVOA_N
ClientSampleId :
B-202-SB02

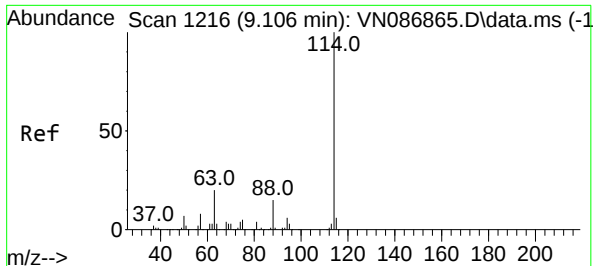
Tgt Ion:	84	Resp:	25077
Ion	Ratio	Lower	Upper
84	100		
49	96.6	90.5	135.7
51	31.4	28.5	42.7
86	61.0	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 42.376 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

Tgt Ion:	65	Resp:	243428
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# 11

Delta R.T. -0.000 min

Lab File: VN086905.D

Acq: 09 Jun 2025 15:08

Instrument :

MSVOA_N

ClientSampleId :

B-202-SB02

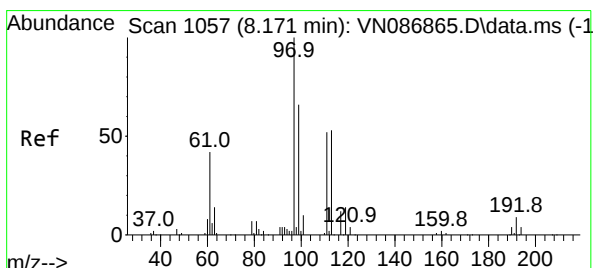
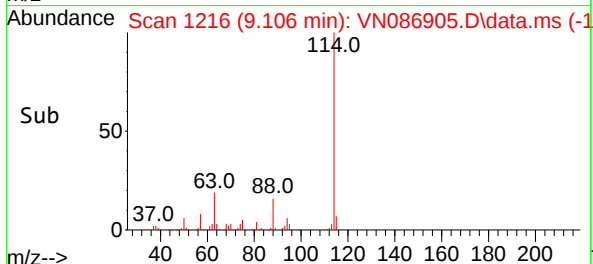
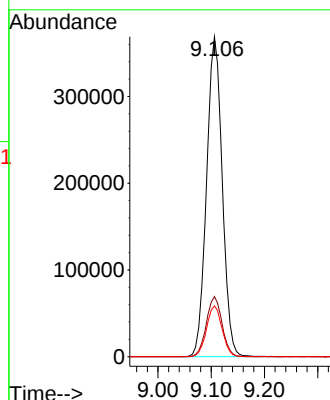
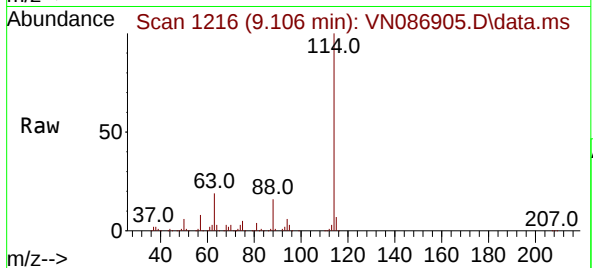
Tgt Ion:114 Resp: 754017

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 15.9 0.0 30.2



#35

Dibromofluoromethane

Concen: 48.031 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086905.D

Acq: 09 Jun 2025 15:08

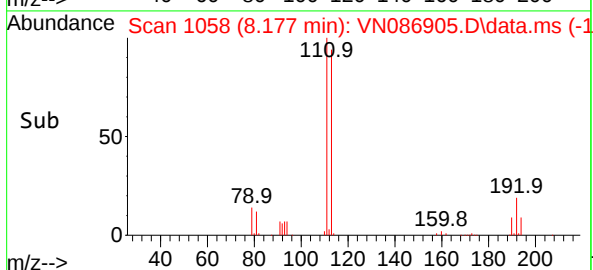
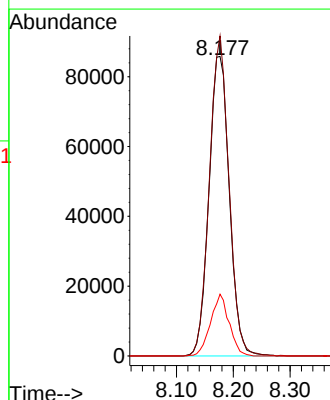
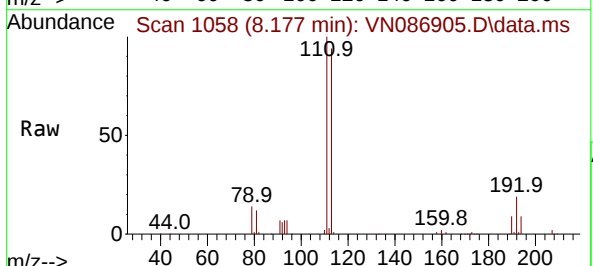
Tgt Ion:113 Resp: 214624

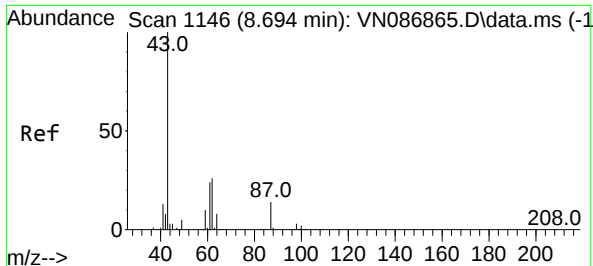
Ion Ratio Lower Upper

113 100

111 102.0 84.2 126.2

192 18.8 14.2 21.4

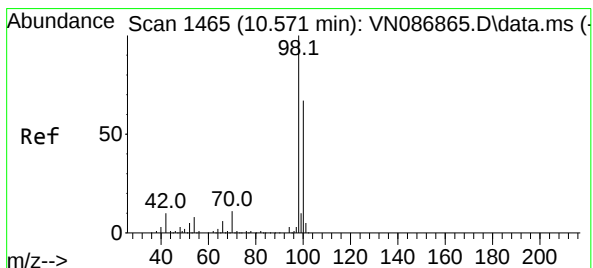
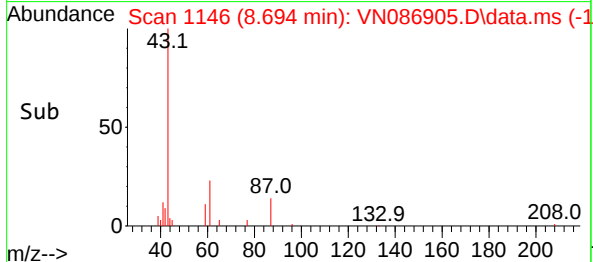
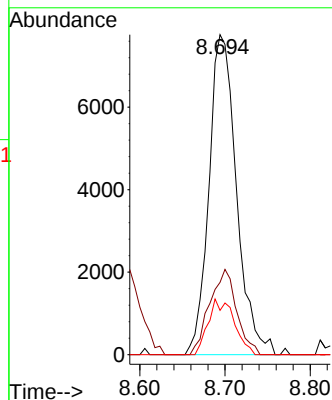
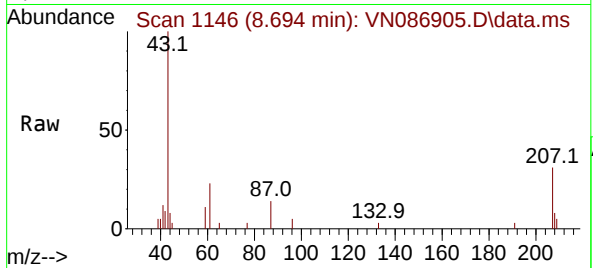




#43
Isopropyl Acetate
Concen: 1.281 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

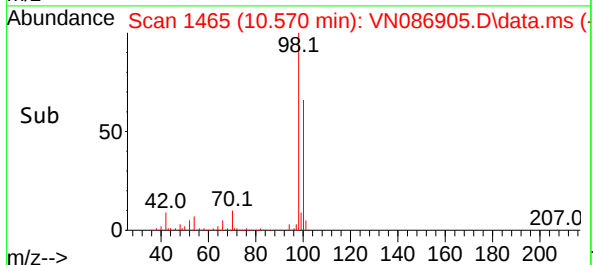
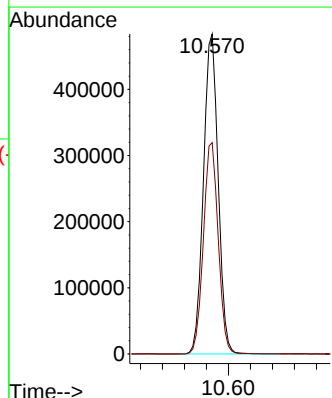
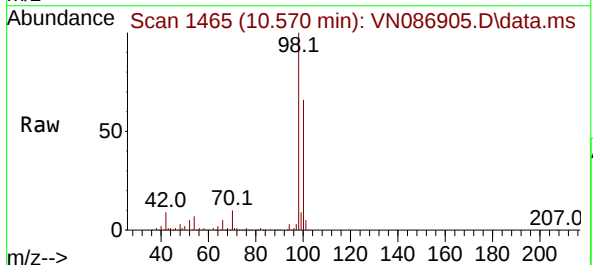
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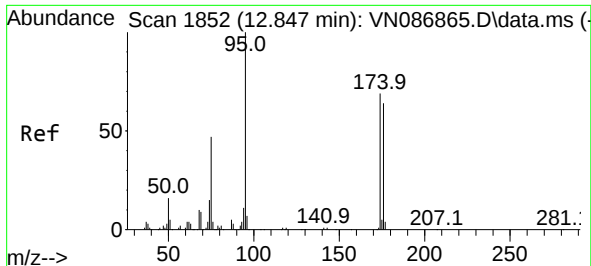
Tgt Ion:	43	Resp:	17428
Ion	Ratio	Lower	Upper
43	100		
61	26.2	22.1	33.1
87	16.4	11.8	17.6



#50
Toluene-d8
Concen: 50.747 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

Tgt Ion:	98	Resp:	897684
Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.4	80.0

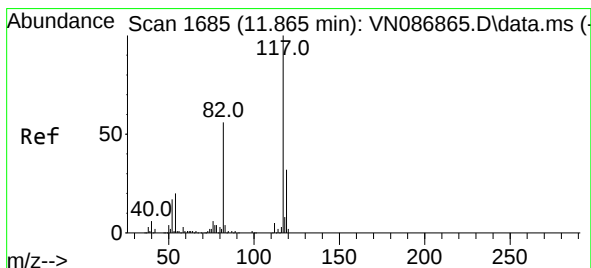
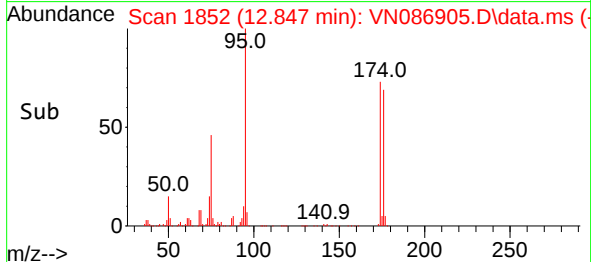
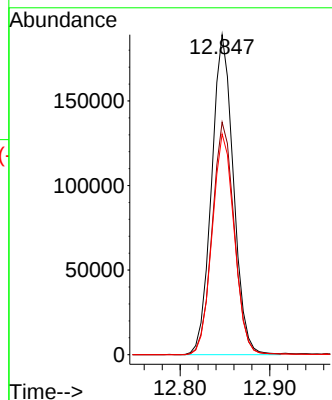
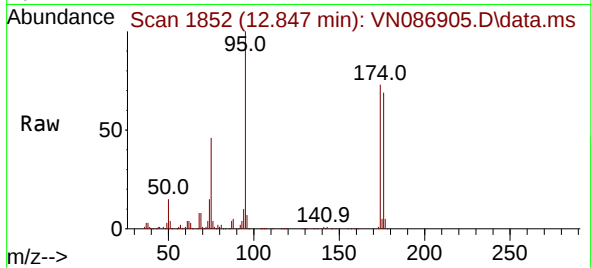




#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

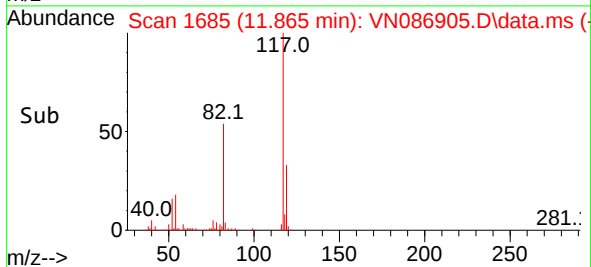
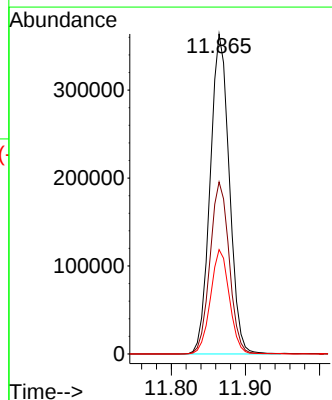
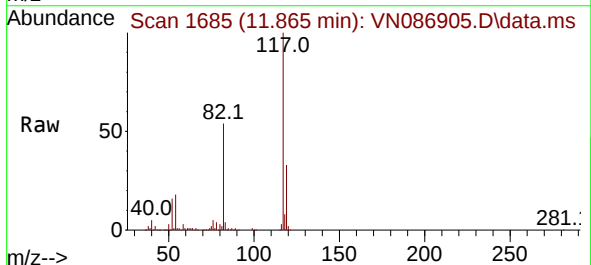
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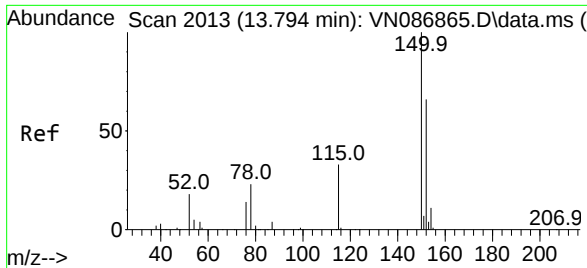
Tgt Ion: 95 Resp: 319909
Ion Ratio Lower Upper
95 100
174 73.4 0.0 141.8
176 70.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086905.D
Acq: 09 Jun 2025 15:08

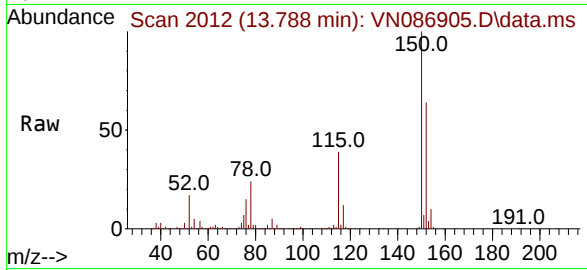
Tgt Ion: 117 Resp: 651717
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.6 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086905.D
 Acq: 09 Jun 2025 15:08

Instrument :
 MSVOA_N
 ClientSampleId :
 B-202-SB02



Tgt Ion:152 Resp: 315202
 Ion Ratio Lower Upper
 152 100
 115 60.2 30.1 90.5
 150 158.0 0.0 345.0

