

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060625\
 Data File : VN086885.D
 Acq On : 06 Jun 2025 22:29
 Operator : JC\MD
 Sample : Q2198-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 B-207-SB02

Quant Time: Jun 07 02:33:20 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)

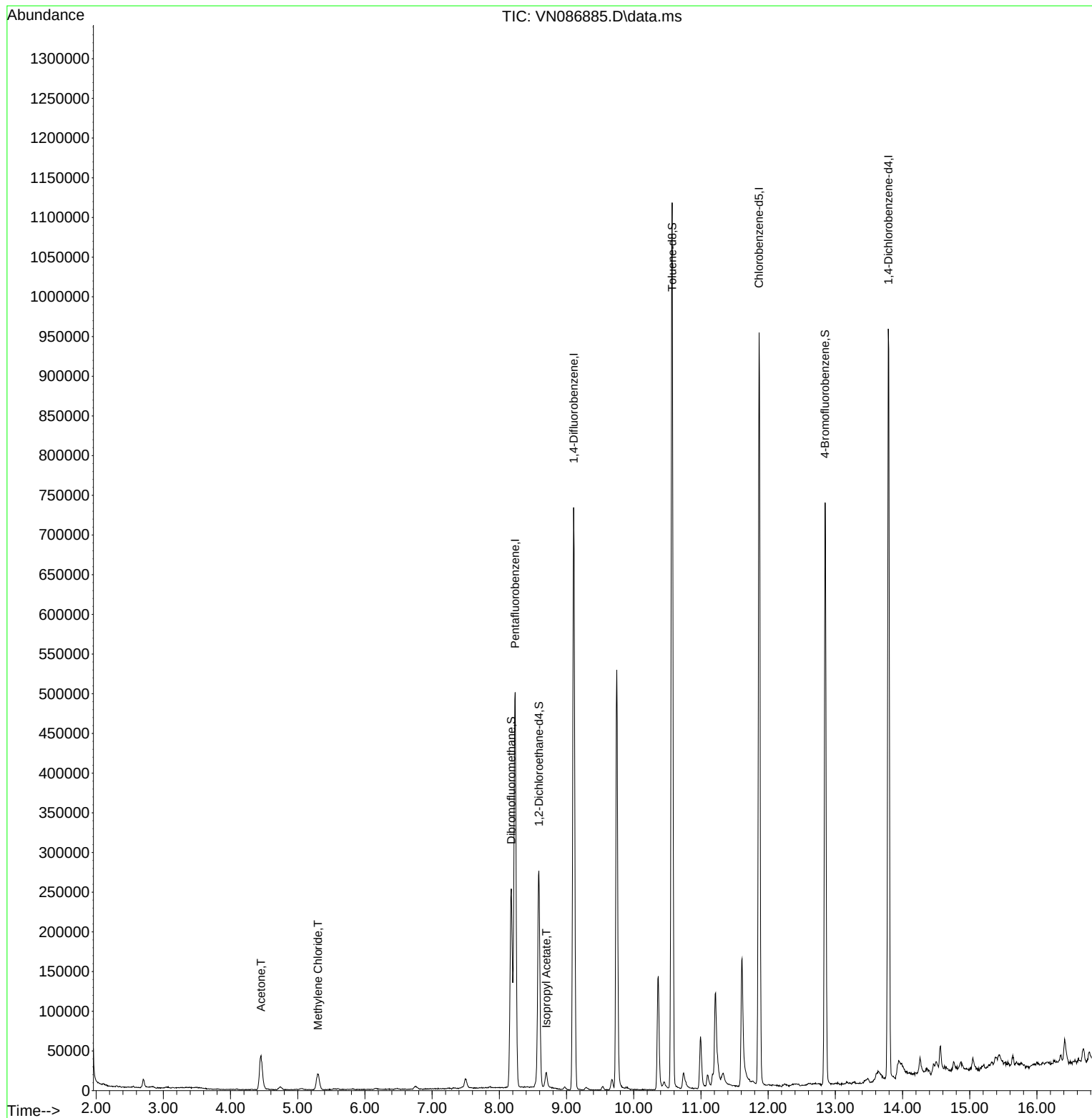
Internal Standards						
1) Pentafluorobenzene	8.236	168	403626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	589655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	289711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	222690	41.208	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	82.420%
35) Dibromofluoromethane	8.177	113	195297	47.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.700%
50) Toluene-d8	10.571	98	818506	50.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.320%
62) 4-Bromofluorobenzene	12.847	95	291833	48.612	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.220%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	84930	29.635	ug/l	96
20) Methylene Chloride	5.300	84	17613	3.283	ug/l	92
43) Isopropyl Acetate	8.700	43	22190	1.786	ug/l	92

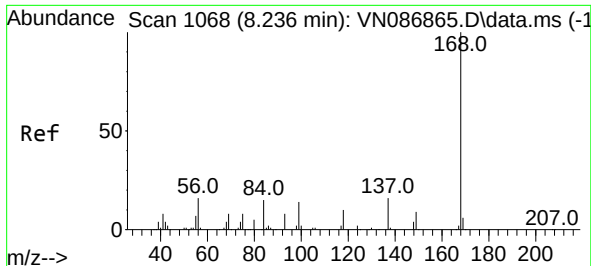
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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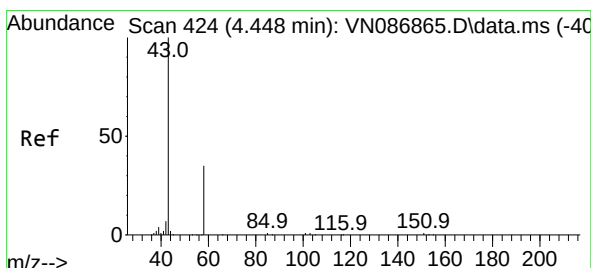
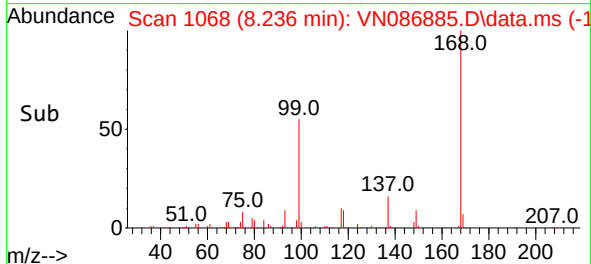
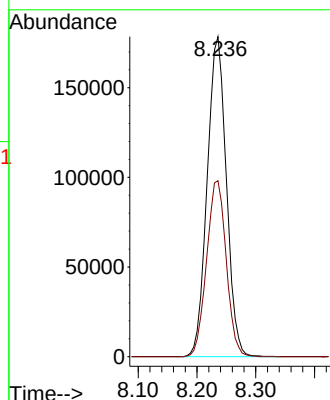
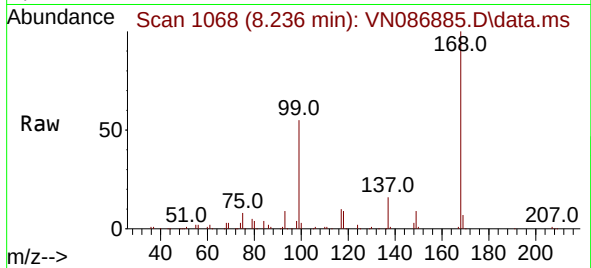




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

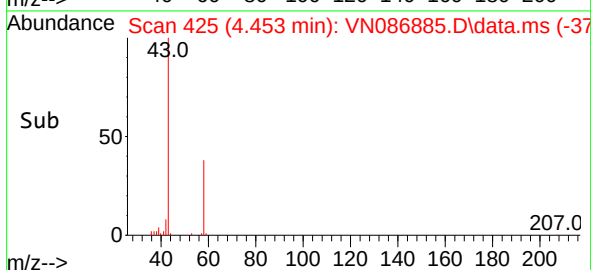
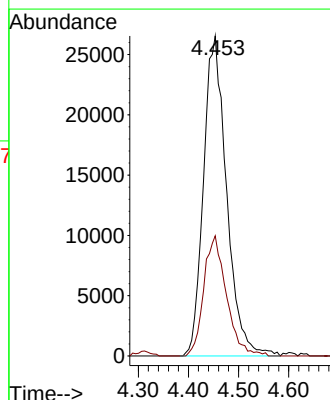
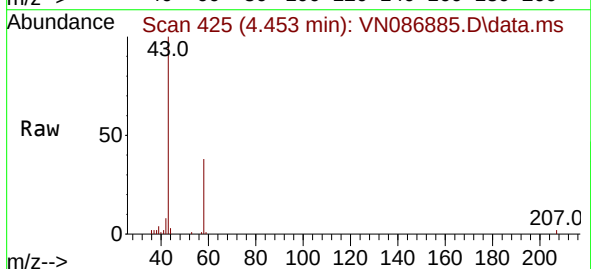
Instrument :
MSVOA_N
ClientSampleId :
B-207-SB02

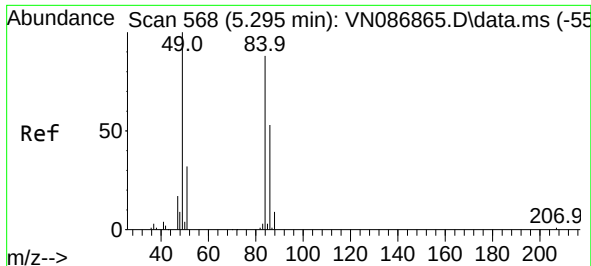
Tgt Ion:168 Resp: 403626
Ion Ratio Lower Upper
168 100
99 55.0 49.1 73.7



#16
Acetone
Concen: 29.635 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

Tgt Ion: 43 Resp: 84930
Ion Ratio Lower Upper
43 100
58 37.6 28.0 42.0

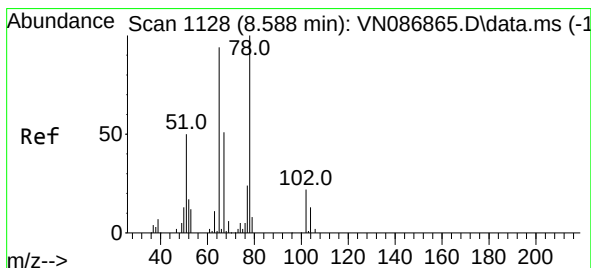
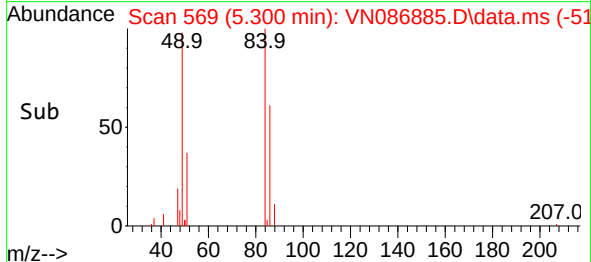
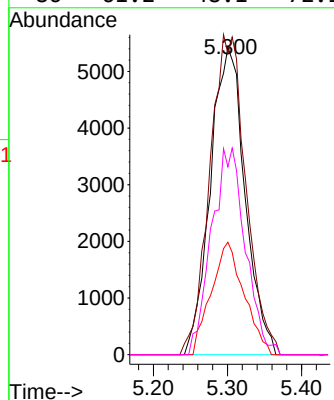
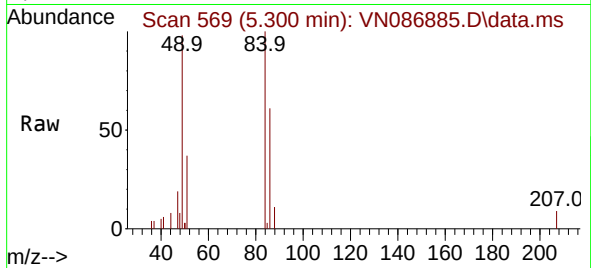




#20
Methylene Chloride
Concen: 3.283 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

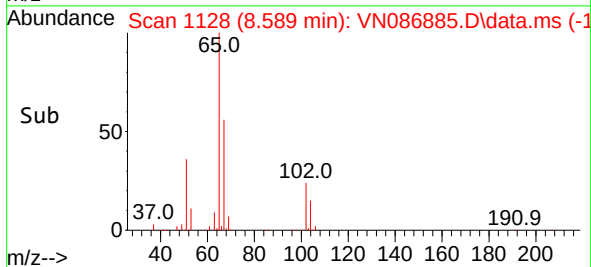
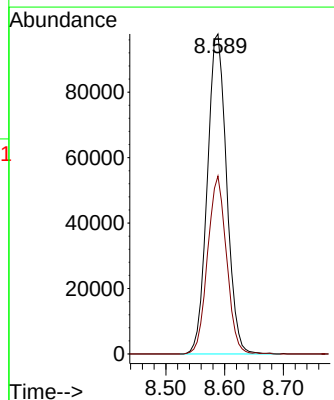
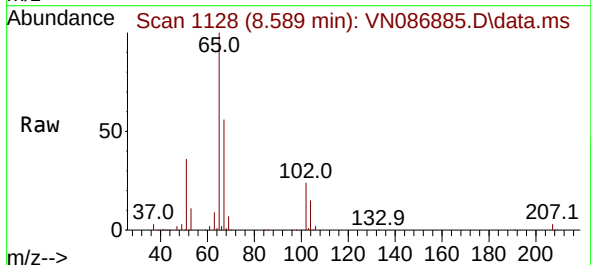
Instrument :
MSVOA_N
ClientSampleId :
B-207-SB02

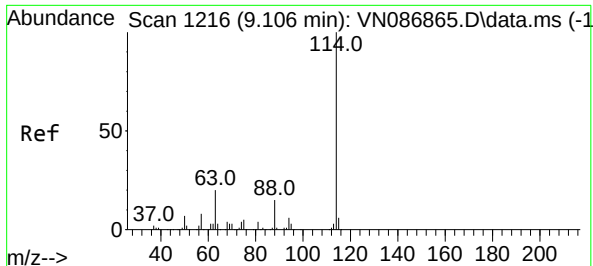
Tgt Ion:	84	Resp:	17613
Ion	Ratio	Lower	Upper
84	100		
49	98.0	90.5	135.7
51	36.6	28.5	42.7
86	61.2	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 41.208 ug/l
RT: 8.589 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

Tgt Ion:	65	Resp:	222690
Ion	Ratio	Lower	Upper
65	100		
67	54.5	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: VN086885.D

Acq: 06 Jun 2025 22:29

Instrument :

MSVOA_N

ClientSampleId :

B-207-SB02

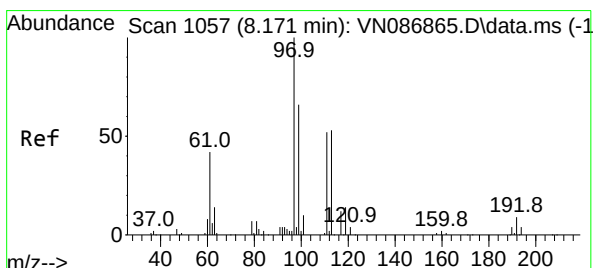
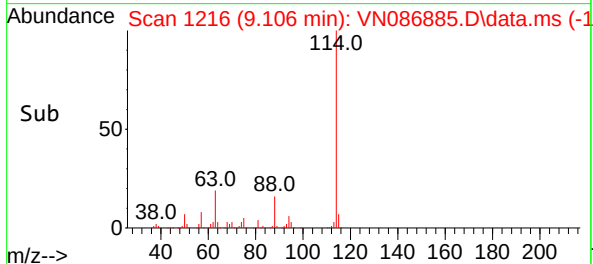
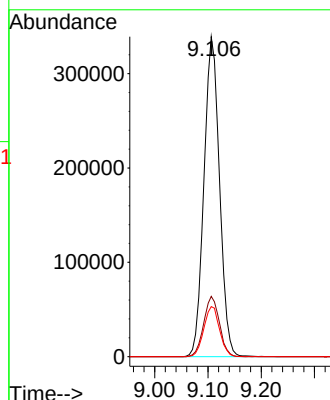
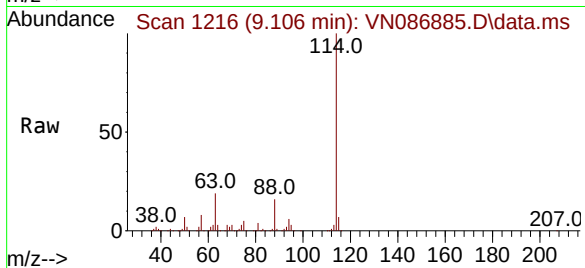
Tgt Ion:114 Resp: 688747

Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 15.6 0.0 30.2



#35

Dibromofluoromethane

Concen: 47.847 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086885.D

Acq: 06 Jun 2025 22:29

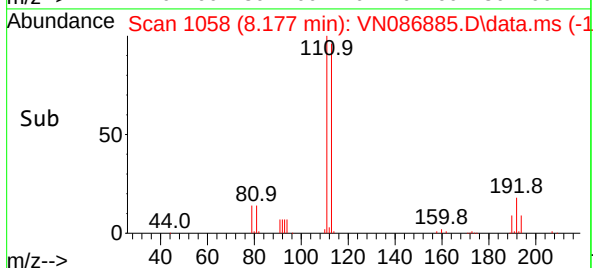
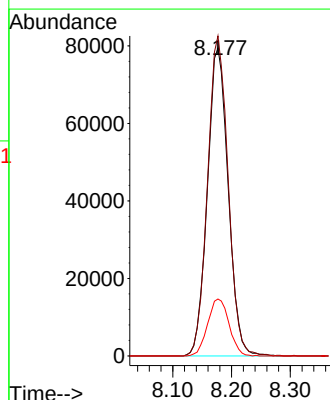
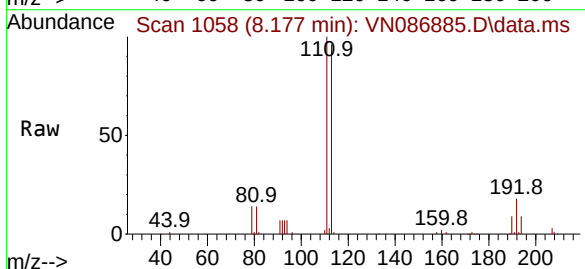
Tgt Ion:113 Resp: 195297

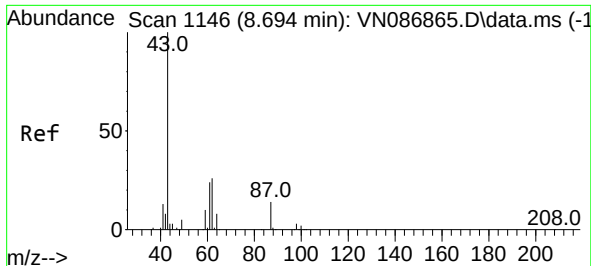
Ion Ratio Lower Upper

113 100

111 102.8 84.2 126.2

192 19.1 14.2 21.4

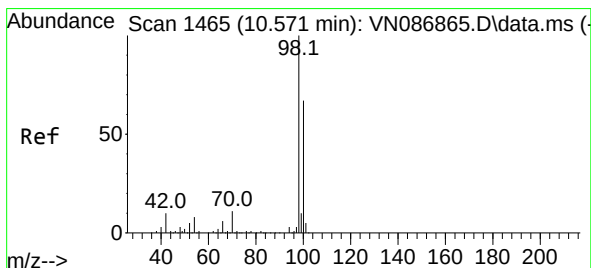
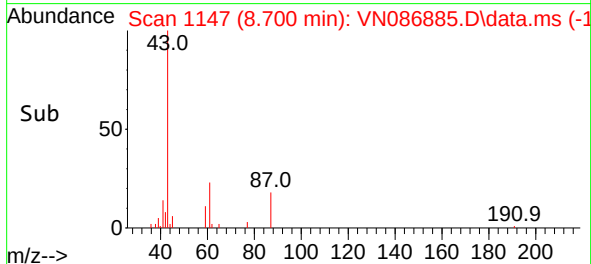
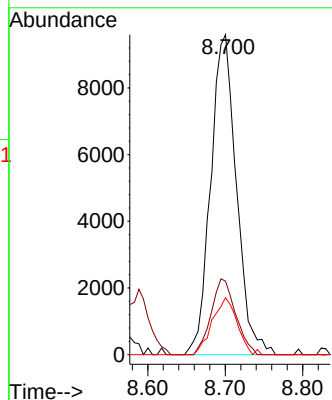
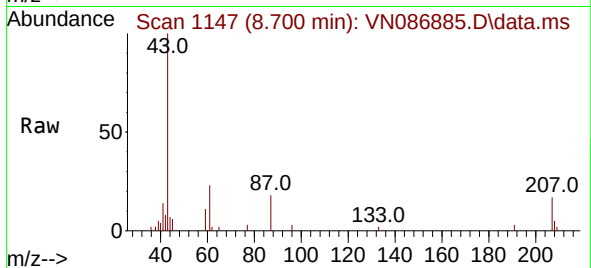




#43
Isopropyl Acetate
Concen: 1.786 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

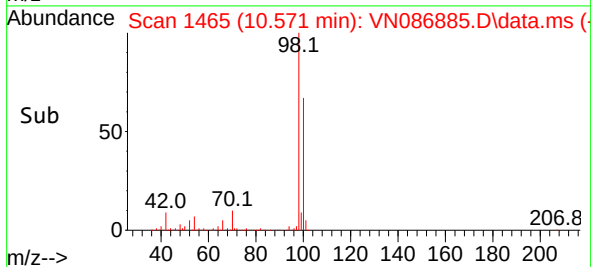
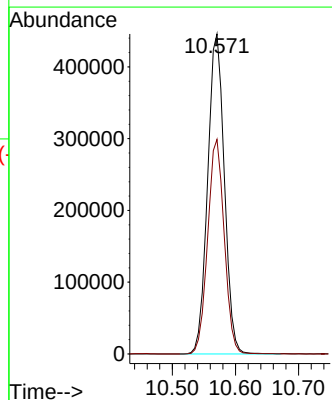
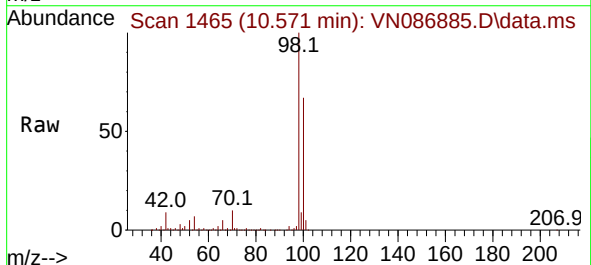
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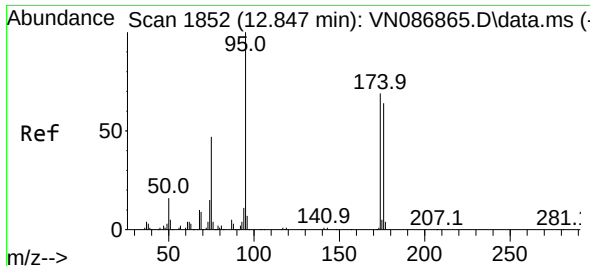
Tgt Ion: 43 Resp: 22190
Ion Ratio Lower Upper
43 100
61 22.6 22.1 33.1
87 17.2 11.8 17.6



#50
Toluene-d8
Concen: 50.656 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

Tgt Ion: 98 Resp: 818506
Ion Ratio Lower Upper
98 100
100 66.5 53.4 80.0

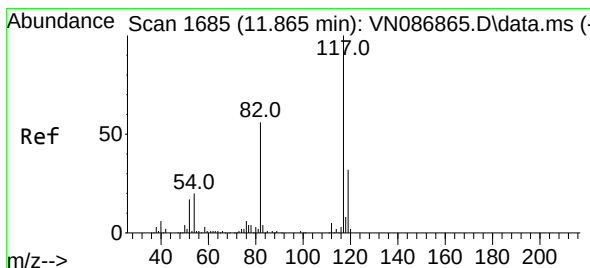
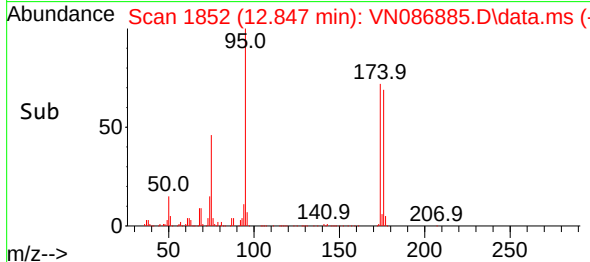
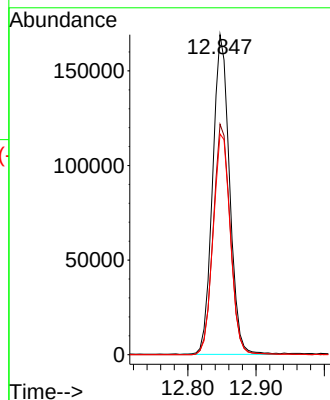
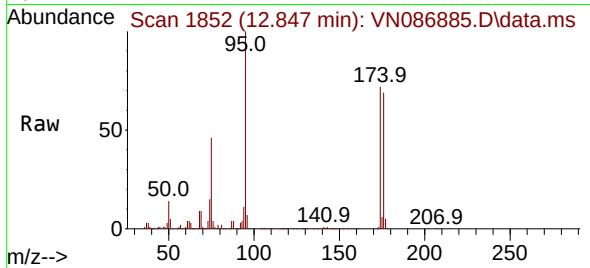




#62
4-Bromofluorobenzene
Concen: 48.612 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

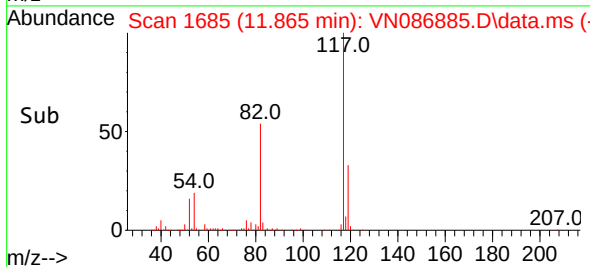
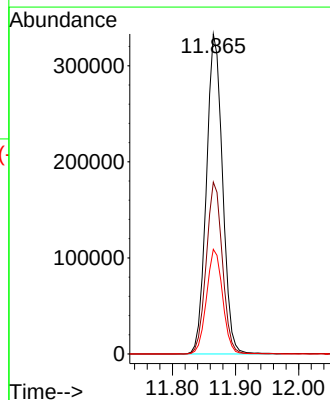
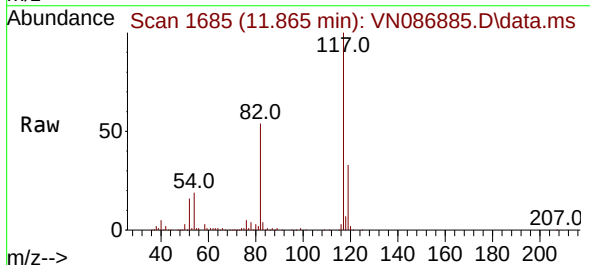
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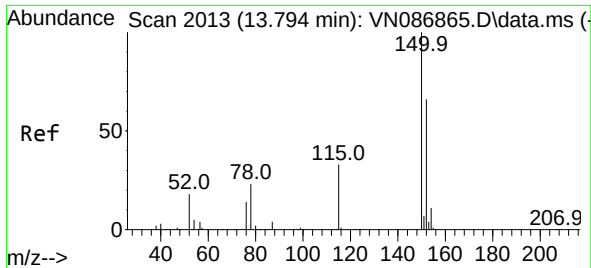
Tgt Ion: 95 Resp: 291833
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.8
176 70.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086885.D
Acq: 06 Jun 2025 22:29

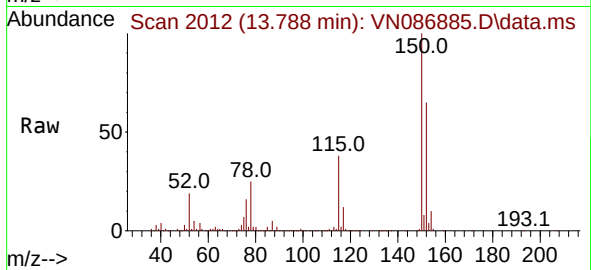
Tgt Ion: 117 Resp: 589655
Ion Ratio Lower Upper
117 100
82 53.7 44.6 67.0
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086885.D
 Acq: 06 Jun 2025 22:29

Instrument :
 MSVOA_N
 ClientSampleId :
 B-207-SB02



Tgt Ion:152 Resp: 289711
 Ion Ratio Lower Upper
 152 100
 115 59.3 30.1 90.5
 150 155.2 0.0 345.0

