

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086907.D
 Acq On : 09 Jun 2025 15:51
 Operator : JC\MD
 Sample : Q2206-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-1

Quant Time: Jun 10 03:35:06 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)

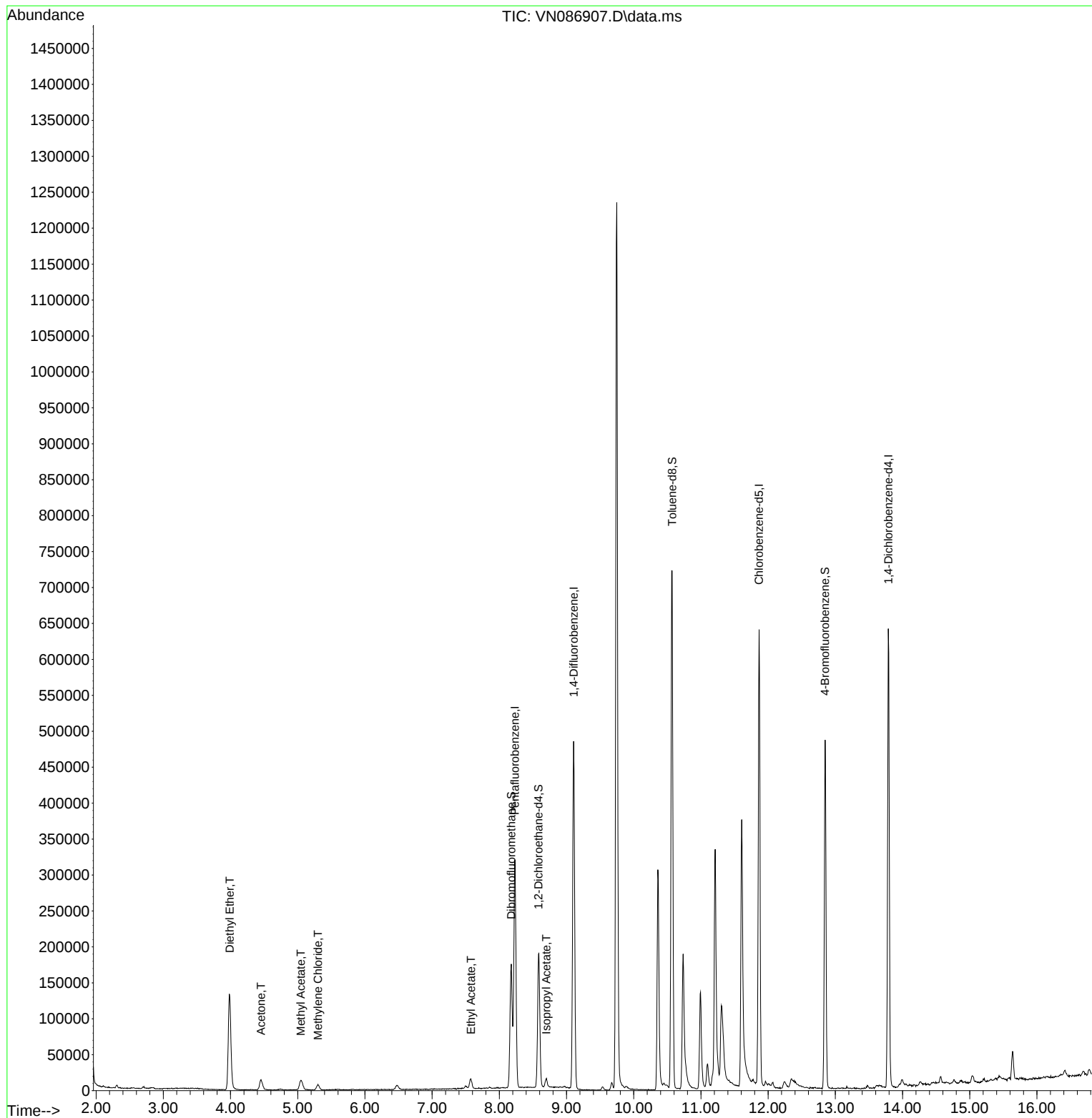
Internal Standards						
1) Pentafluorobenzene	8.230	168	255511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	454815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	397708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	189651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	151168	44.188	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.380%		
35) Dibromofluoromethane	8.177	113	133415	49.498	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.000%		
50) Toluene-d8	10.571	98	544847	51.063	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.120%		
62) 4-Bromofluorobenzene	12.847	95	195294	49.264	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.520%		
Target Compounds						Qvalue
8) Diethyl Ether	3.989	74	91878	47.561	ug/l	94
16) Acetone	4.453	43	28526	15.724	ug/l	99
18) Methyl Acetate	5.048	43	30426	5.755	ug/l	96
20) Methylene Chloride	5.300	84	5948	1.751	ug/l	92
37) Ethyl Acetate	7.577	43	21854	4.274	ug/l	98
43) Isopropyl Acetate	8.700	43	13776	1.679	ug/l #	93

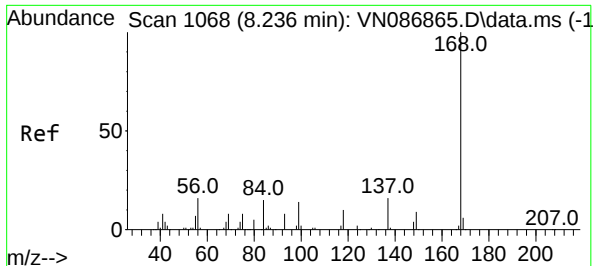
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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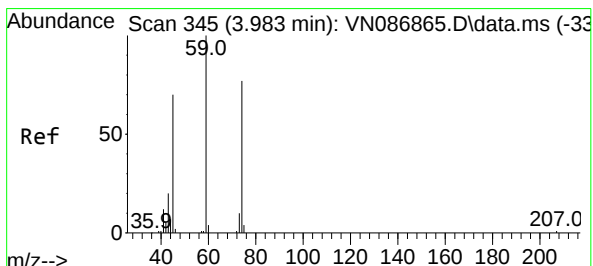
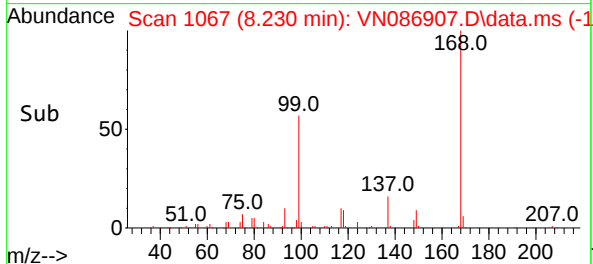
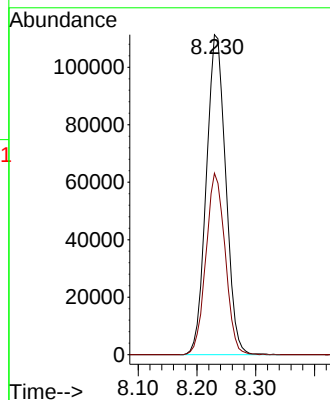
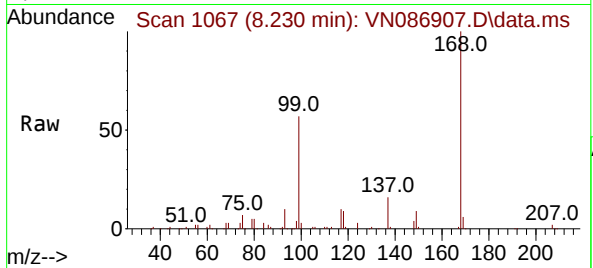




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

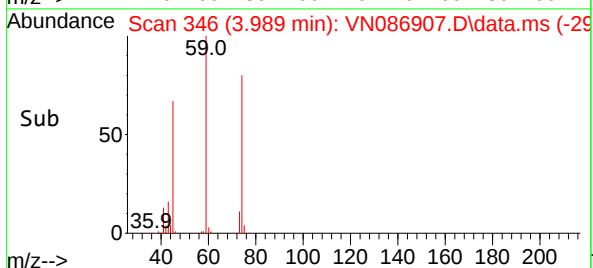
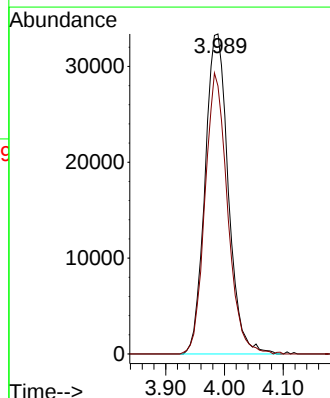
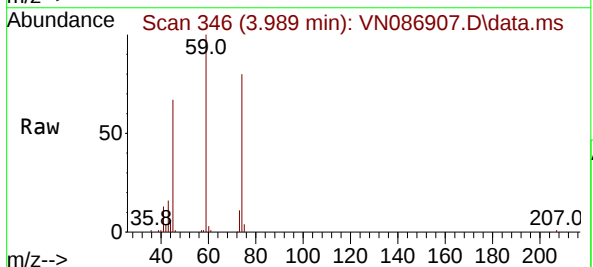
Instrument :
MSVOA_N
ClientSampleId :
TP-1

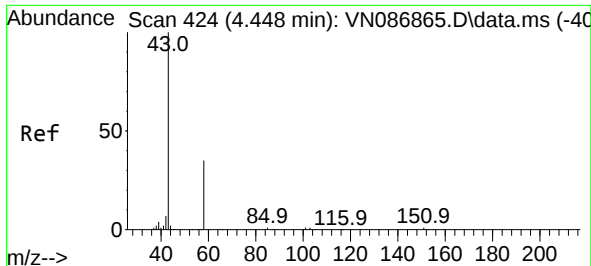
Tgt Ion:168 Resp: 255511
Ion Ratio Lower Upper
168 100
99 56.7 49.1 73.7



#8
Diethyl Ether
Concen: 47.561 ug/l
RT: 3.989 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

Tgt Ion: 74 Resp: 91878
Ion Ratio Lower Upper
74 100
45 85.0 45.5 136.5





#16

Acetone

Concen: 15.724 ug/l

RT: 4.453 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086907.D

Acq: 09 Jun 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

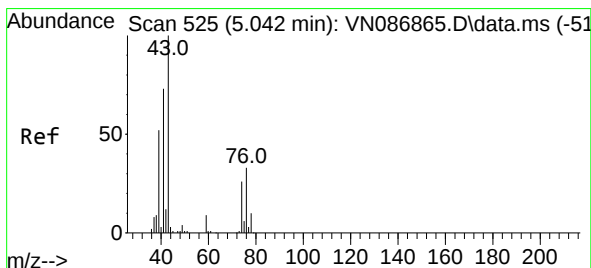
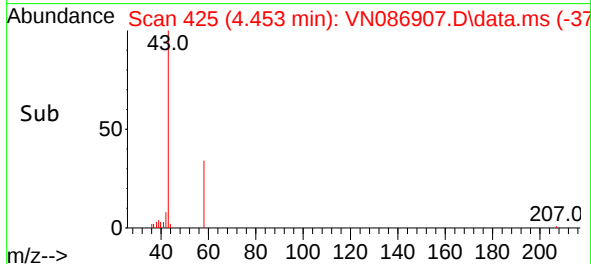
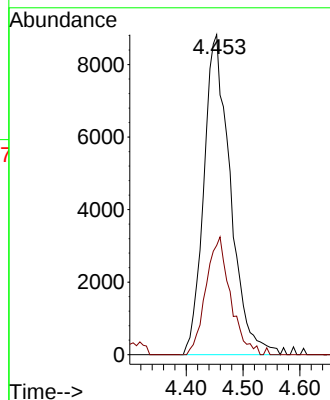
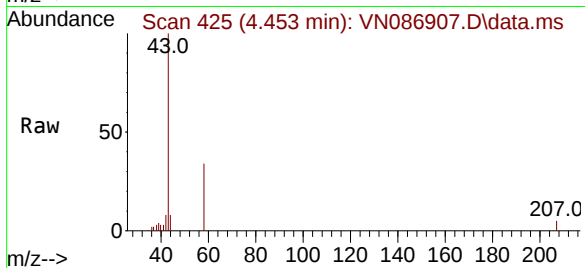
TP-1

Tgt Ion: 43 Resp: 28526

Ion Ratio Lower Upper

43 100

58 34.1 28.0 42.0



#18

Methyl Acetate

Concen: 5.755 ug/l

RT: 5.048 min Scan# 526

Delta R.T. 0.006 min

Lab File: VN086907.D

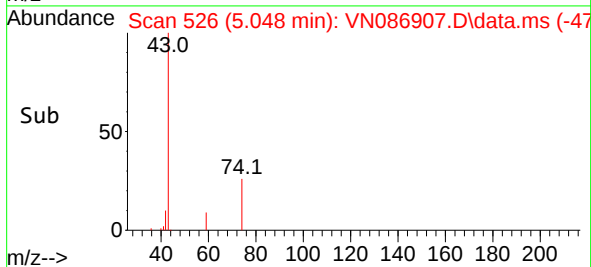
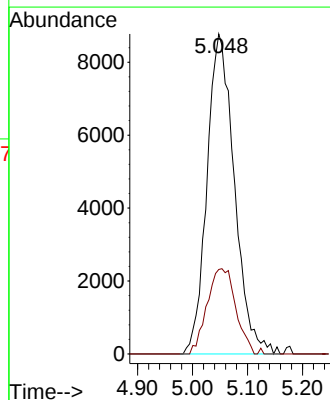
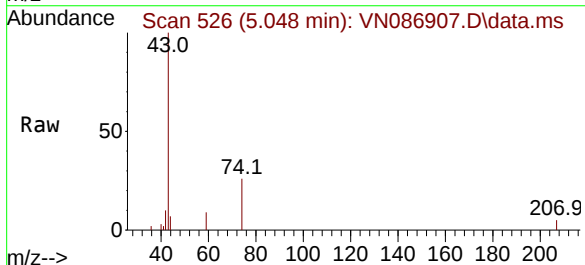
Acq: 09 Jun 2025 15:51

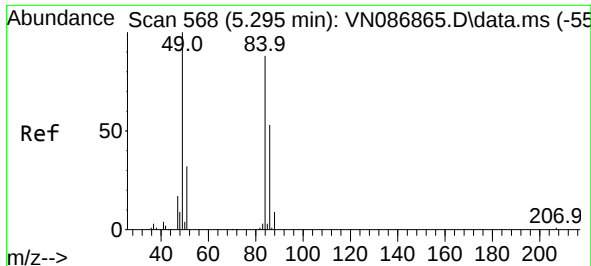
Tgt Ion: 43 Resp: 30426

Ion Ratio Lower Upper

43 100

74 27.8 20.7 31.1

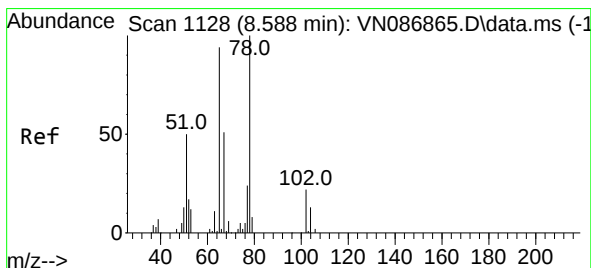
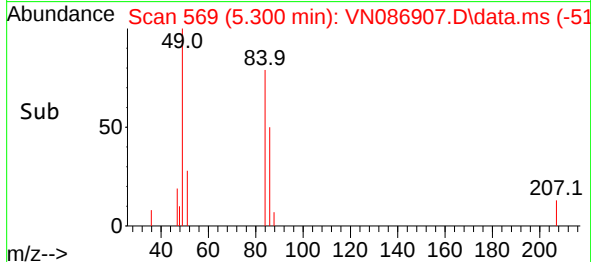
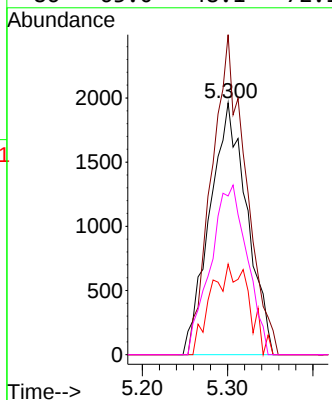
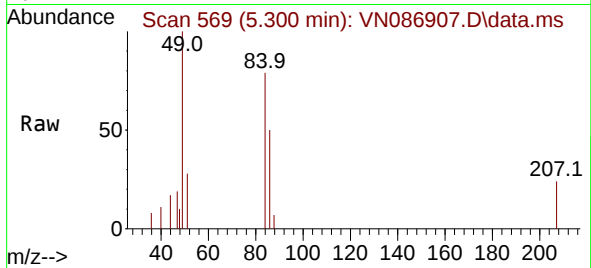




#20
Methylene Chloride
Concen: 1.751 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

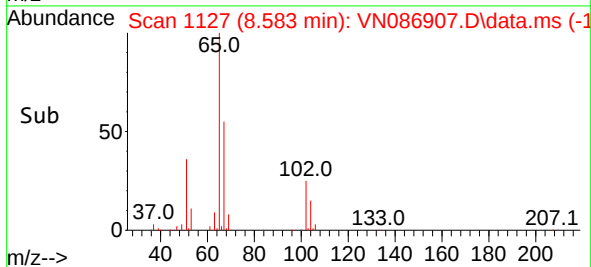
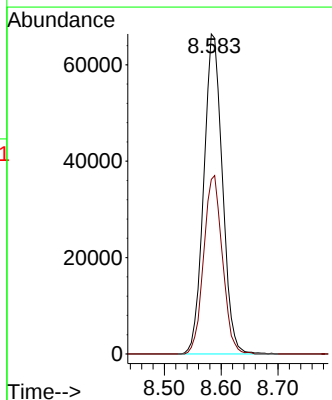
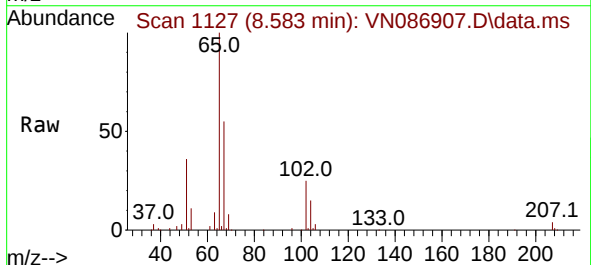
Instrument :
MSVOA_N
ClientSampleId :
TP-1

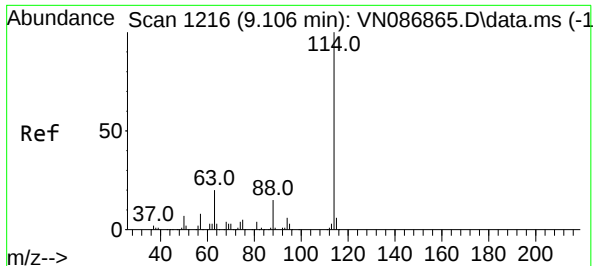
Tgt Ion:	84	Resp:	5948
Ion	Ratio	Lower	Upper
84	100		
49	127.1	90.5	135.7
51	35.9	28.5	42.7
86	63.0	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 44.188 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

Tgt Ion:	65	Resp:	151168
Ion	Ratio	Lower	Upper
65	100		
67	55.9	0.0	105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086907.D

Acq: 09 Jun 2025 15:51

Instrument :

MSVOA_N

ClientSampleId :

TP-1

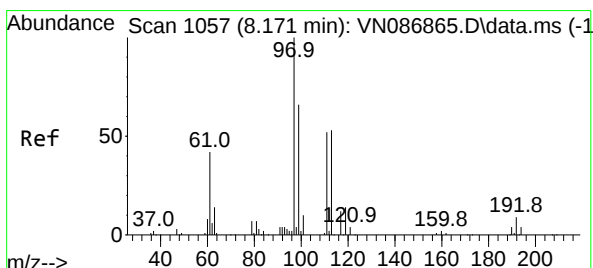
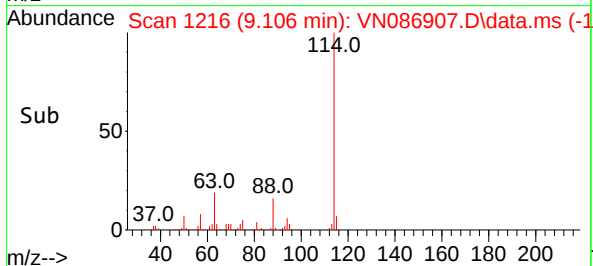
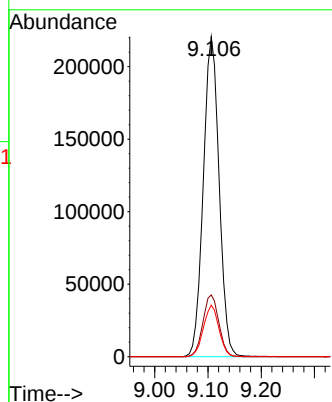
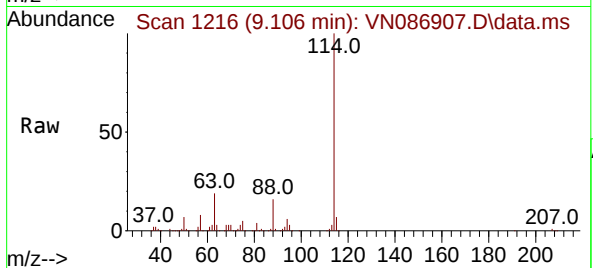
Tgt Ion:114 Resp: 454815

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.1 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.498 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086907.D

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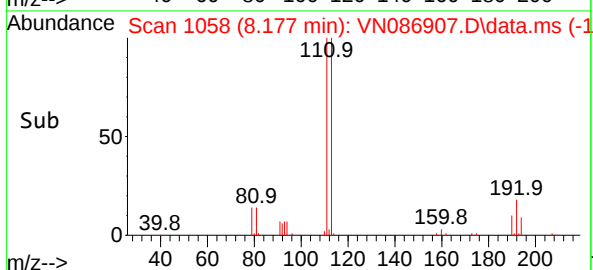
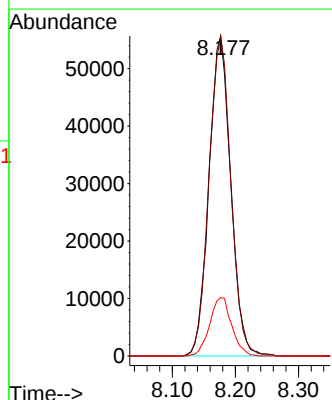
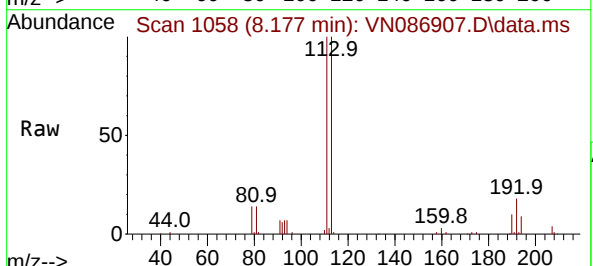
Tgt Ion:113 Resp: 133415

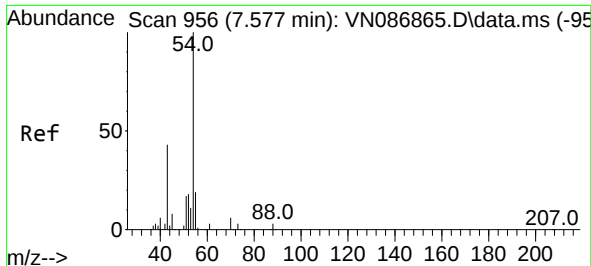
Ion Ratio Lower Upper

113 100

111 100.5 84.2 126.2

192 18.4 14.2 21.4

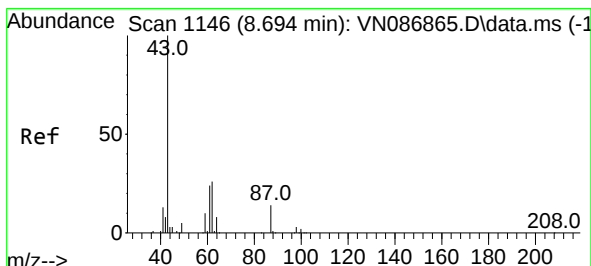
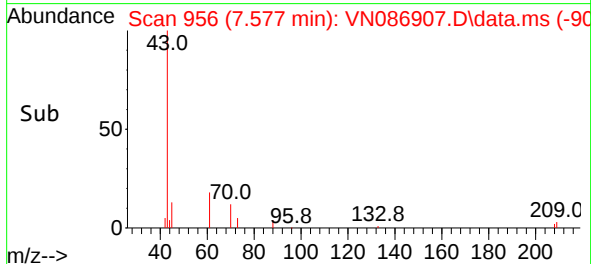
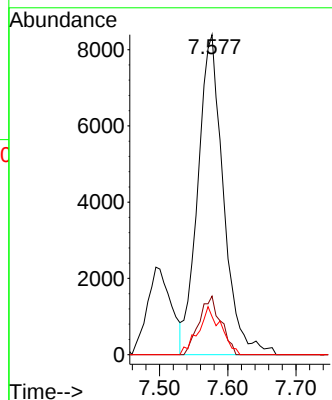
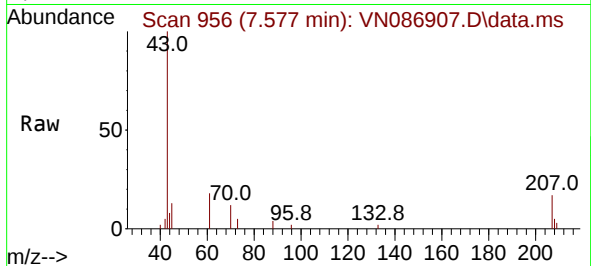




#37
Ethyl Acetate
Concen: 4.274 ug/l
RT: 7.577 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

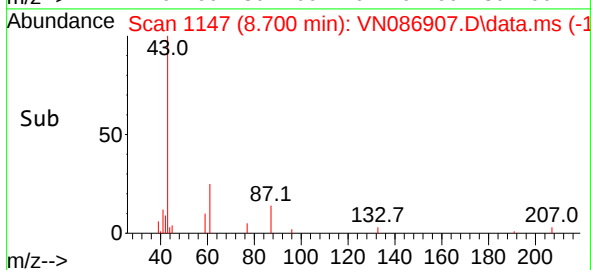
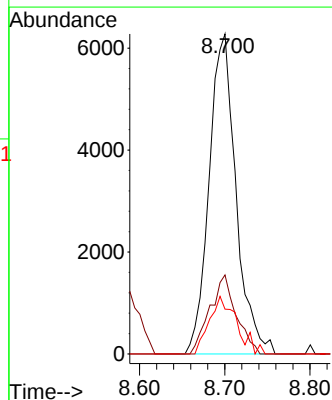
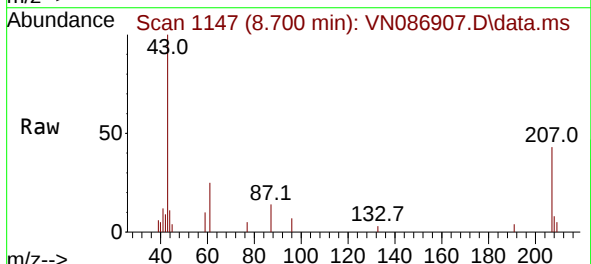
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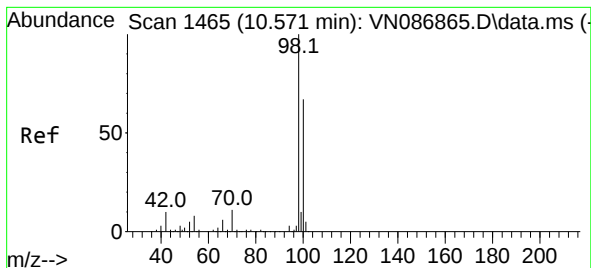
Tgt Ion:	43	Resp:	21854
Ion	Ratio	Lower	Upper
43	100		
61	15.7	12.1	18.1
70	13.1	9.8	14.6



#43
Isopropyl Acetate
Concen: 1.679 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

Tgt Ion:	43	Resp:	13776
Ion	Ratio	Lower	Upper
43	100		
61	24.3	22.1	33.1
87	18.2	11.8	17.6#

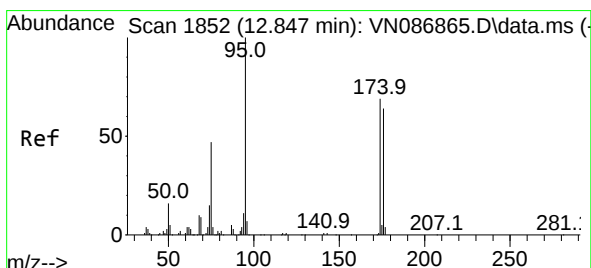
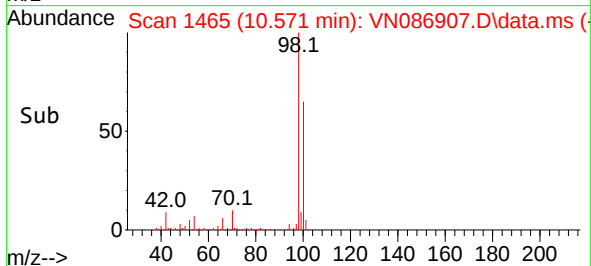
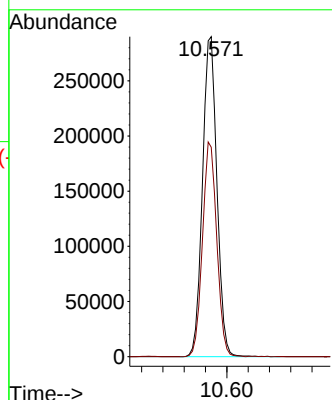
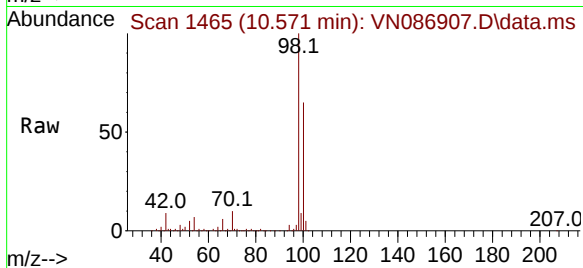




#50
Toluene-d8
Concen: 51.063 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

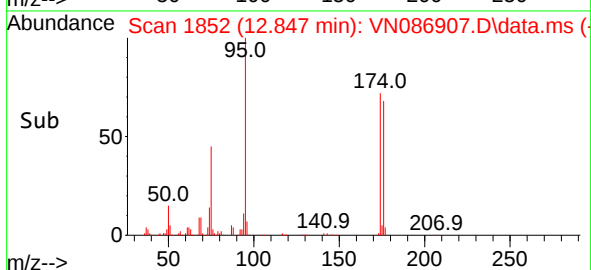
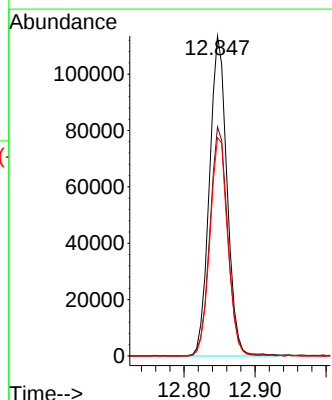
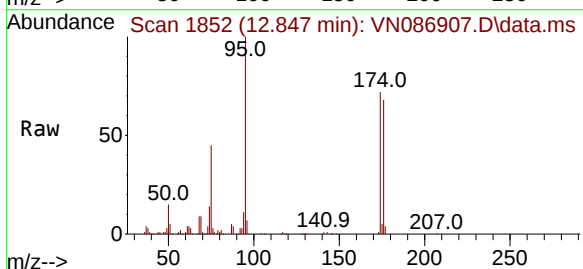
Instrument :
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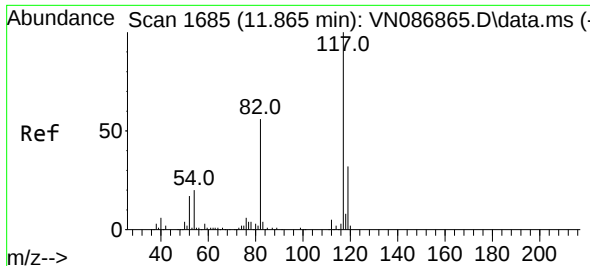
Tgt Ion: 98 Resp: 544847
Ion Ratio Lower Upper
98 100
100 66.3 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.264 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

Tgt Ion: 95 Resp: 195294
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.8
176 69.0 0.0 132.6

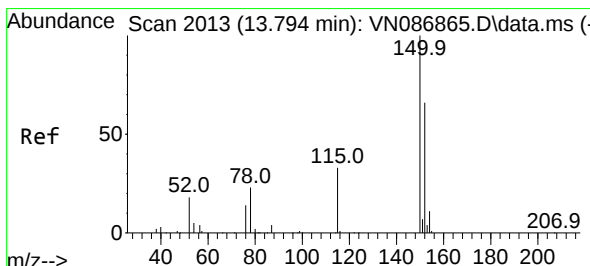
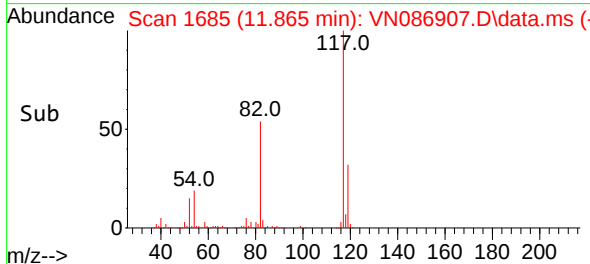
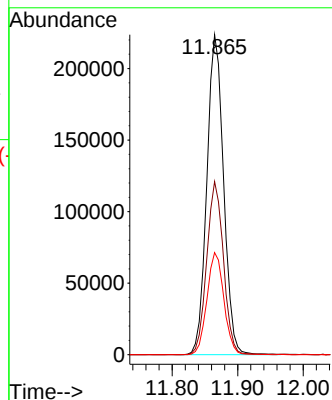
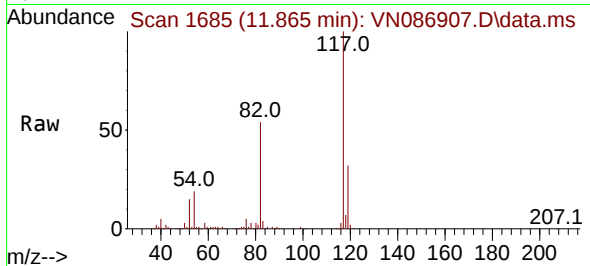




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

Instrument :
MSVOA_N
ClientSampleId :
TP-1

Tgt Ion:117 Resp: 397708
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086907.D
Acq: 09 Jun 2025 15:51

Tgt Ion:152 Resp: 189651
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.5
150 159.2 0.0 345.0

