

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062625\
 Data File : VN087188.D
 Acq On : 26 Jun 2025 12:44
 Operator : JC\MD
 Sample : Q2388-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12

Quant Time: Jun 27 01:24:15 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)

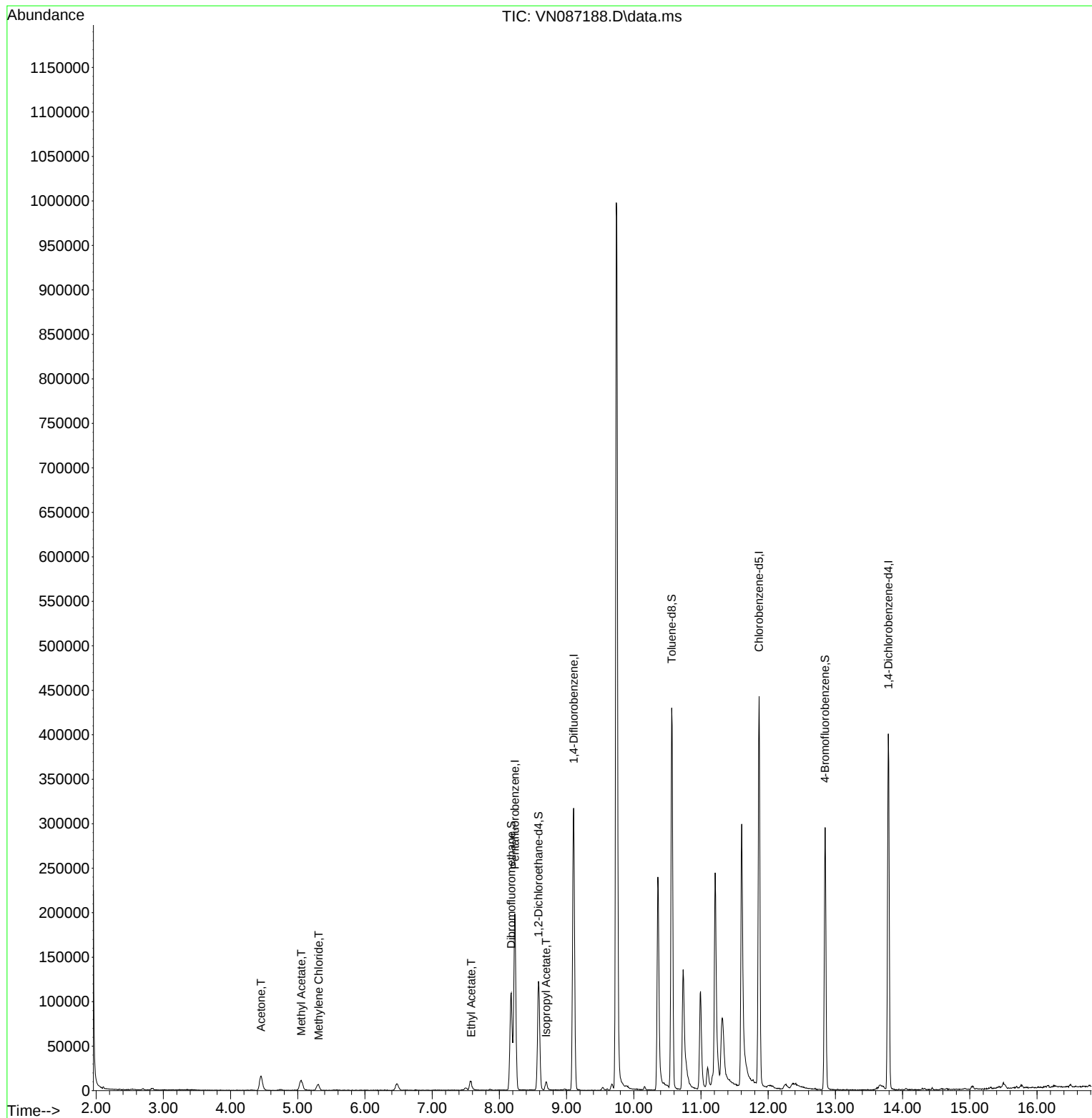
Internal Standards						
1) Pentafluorobenzene	8.230	168	145145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283245	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	255868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	113541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	103497	53.258	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.520%
35) Dibromofluoromethane	8.177	113	83635	49.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.640%
50) Toluene-d8	10.565	98	306992	46.199	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.400%
62) 4-Bromofluorobenzene	12.847	95	112916	45.737	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.480%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	33557	32.562	ug/l	96
18) Methyl Acetate	5.053	43	26052	8.675	ug/l	98
20) Methylene Chloride	5.312	84	5381	2.789	ug/l	97
37) Ethyl Acetate	7.582	43	15909	4.996	ug/l	97
43) Isopropyl Acetate	8.694	43	10889	2.131	ug/l #	89

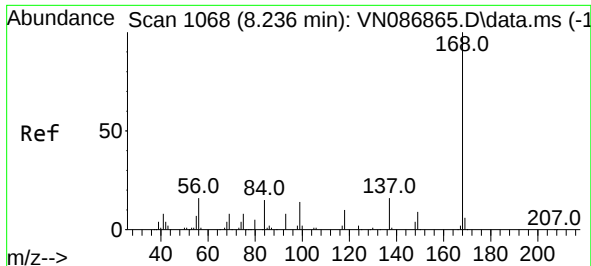
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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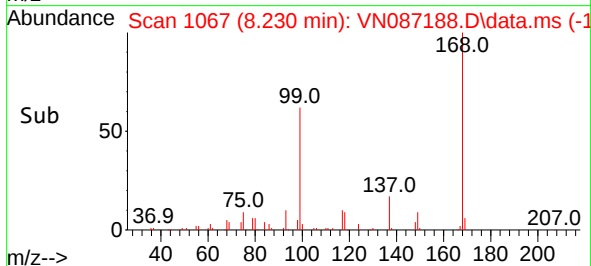
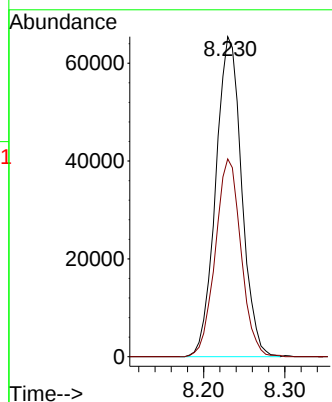
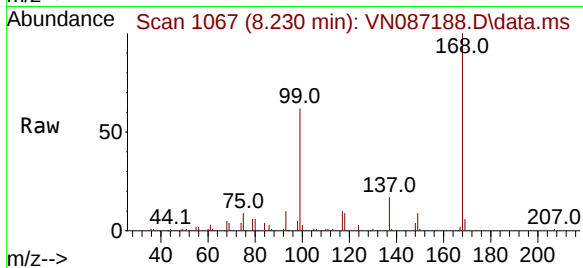




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

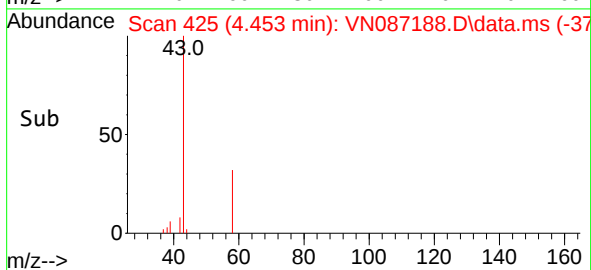
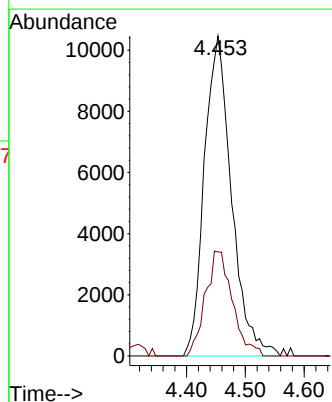
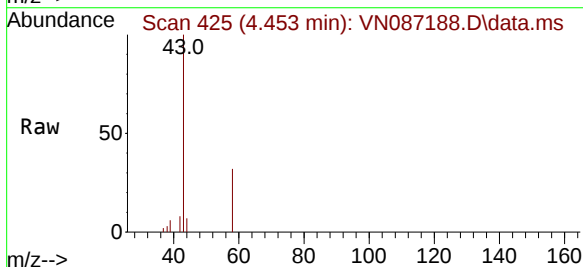
Instrument :
MSVOA_N
ClientSampleId :
TP-12

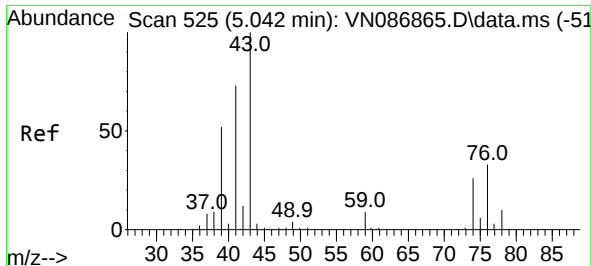
Tgt Ion:168 Resp: 145145
Ion Ratio Lower Upper
168 100
99 61.8 49.1 73.7



#16
Acetone
Concen: 32.562 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

Tgt Ion: 43 Resp: 33557
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0

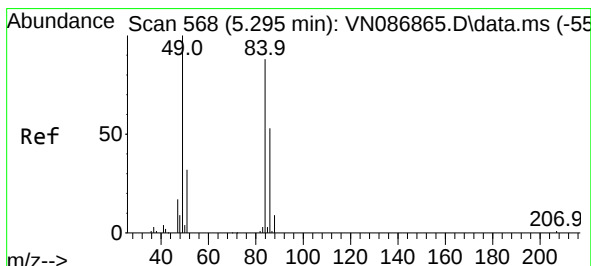
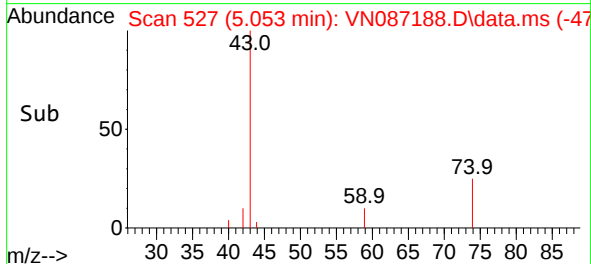
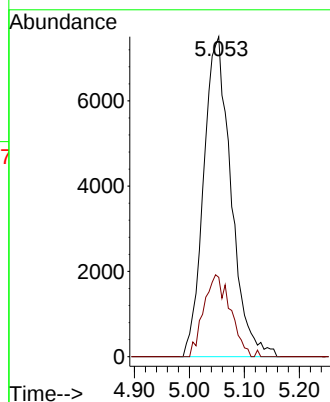
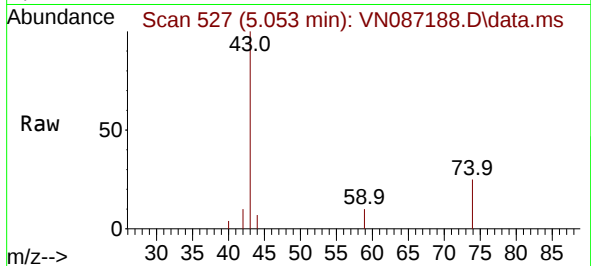




#18
Methyl Acetate
Concen: 8.675 ug/l
RT: 5.053 min Scan# 511
Delta R.T. 0.012 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

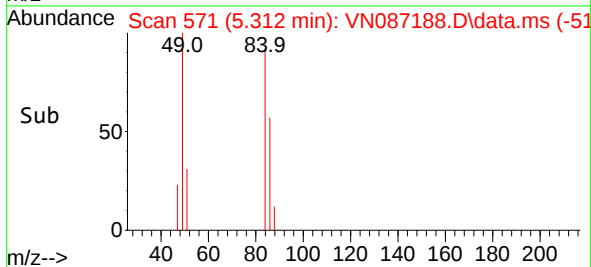
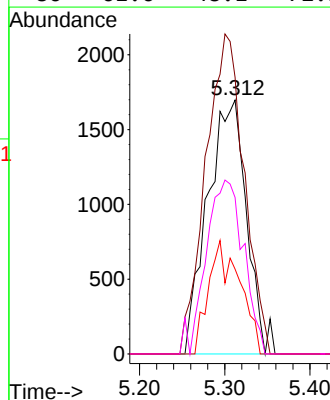
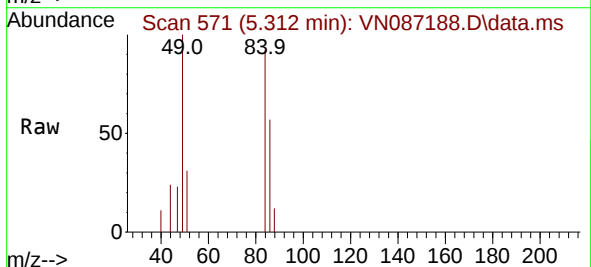
Instrument :
MSVOA_N
ClientSampleId :
TP-12

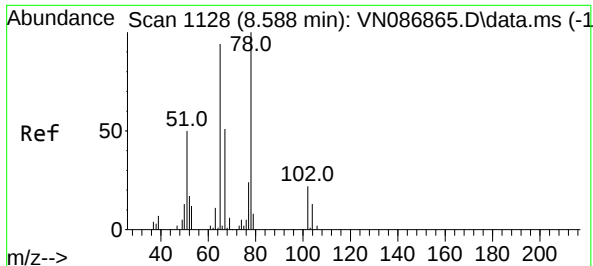
Tgt Ion: 43 Resp: 26052
Ion Ratio Lower Upper
43 100
74 24.8 20.7 31.1



#20
Methylene Chloride
Concen: 2.789 ug/l
RT: 5.312 min Scan# 571
Delta R.T. 0.017 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

Tgt Ion: 84 Resp: 5381
Ion Ratio Lower Upper
84 100
49 109.0 90.5 135.7
51 33.4 28.5 42.7
86 61.6 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 53.258 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087188.D

Acq: 26 Jun 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

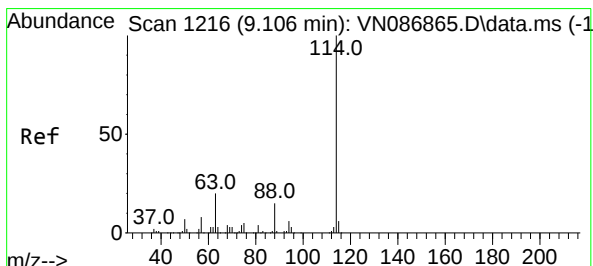
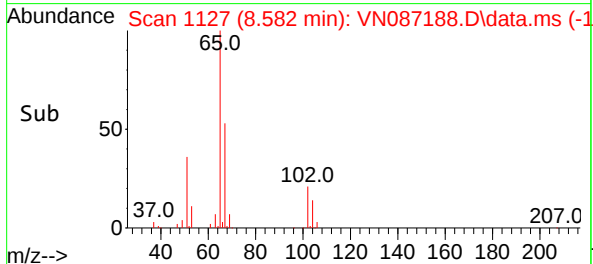
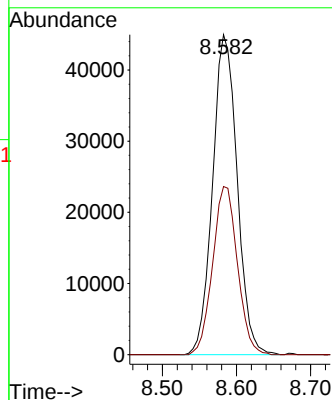
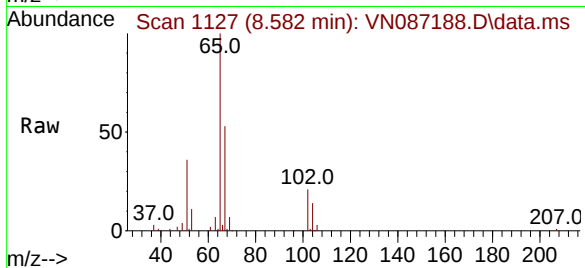
TP-12

Tgt Ion: 65 Resp: 103497

Ion Ratio Lower Upper

65 100

67 53.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087188.D

Acq: 26 Jun 2025 12:44

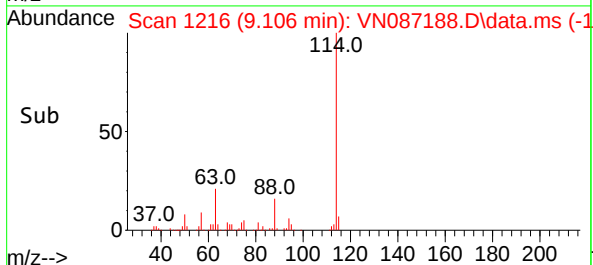
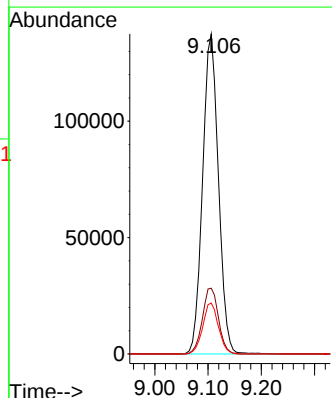
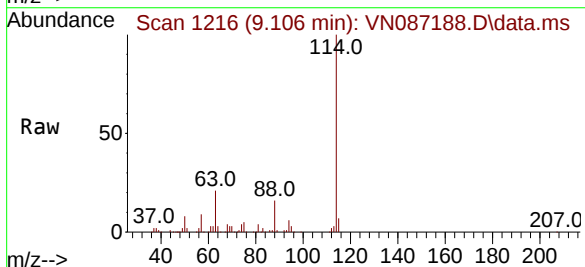
Tgt Ion: 114 Resp: 283245

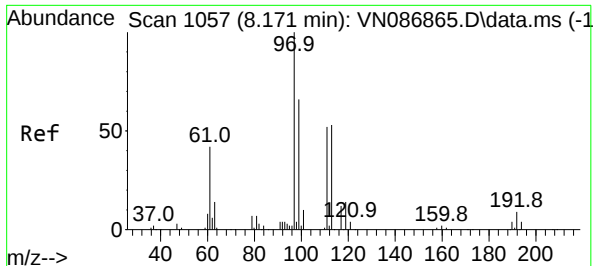
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

88 15.9 0.0 30.2





#35

Dibromofluoromethane

Concen: 49.825 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN087188.D

Acq: 26 Jun 2025 12:44

Instrument :

MSVOA_N

ClientSampleId :

TP-12

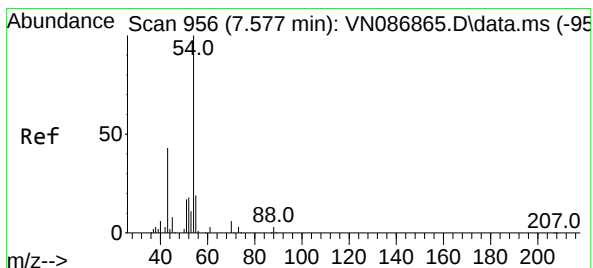
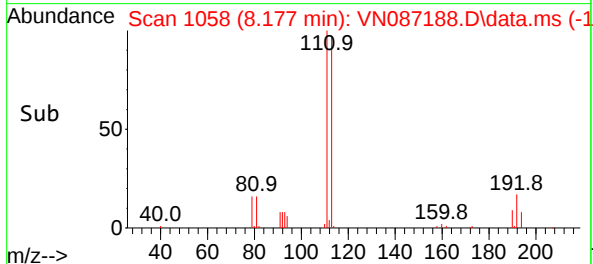
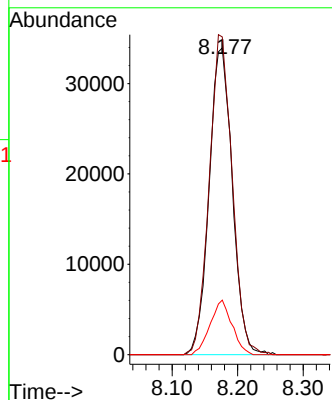
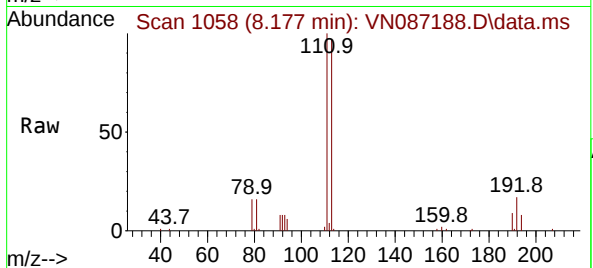
Tgt Ion:113 Resp: 83635

Ion Ratio Lower Upper

113 100

111 102.7 84.2 126.2

192 16.7 14.2 21.4



#37

Ethyl Acetate

Concen: 4.996 ug/l

RT: 7.582 min Scan# 957

Delta R.T. 0.006 min

Lab File: VN087188.D

Acq: 26 Jun 2025 12:44

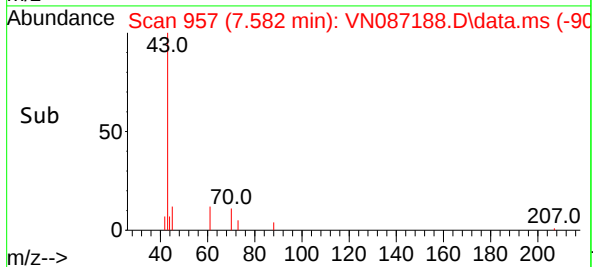
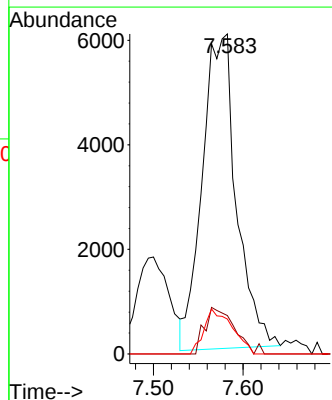
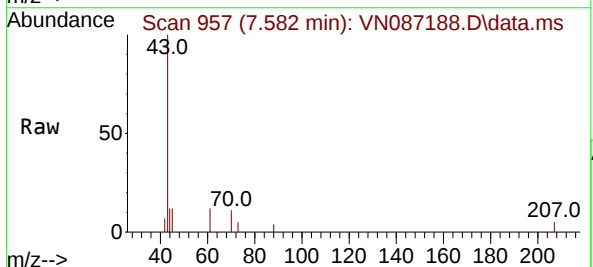
Tgt Ion: 43 Resp: 15909

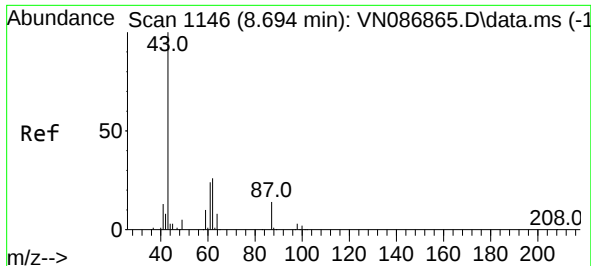
Ion Ratio Lower Upper

43 100

61 13.0 12.1 18.1

70 11.8 9.8 14.6

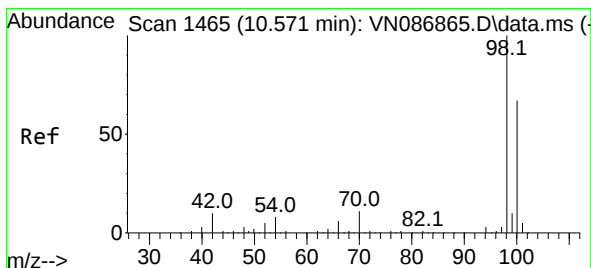
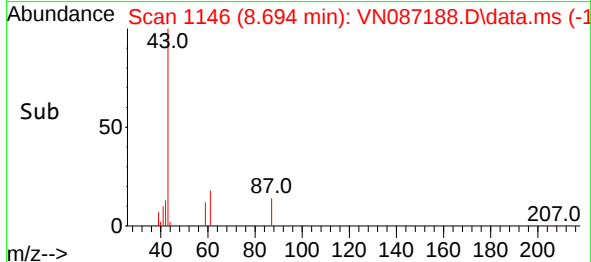
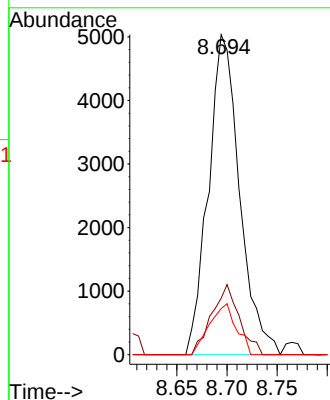
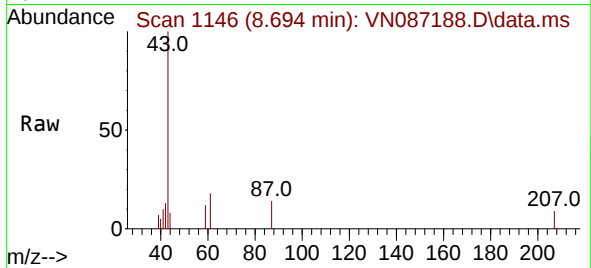




#43
Isopropyl Acetate
Concen: 2.131 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

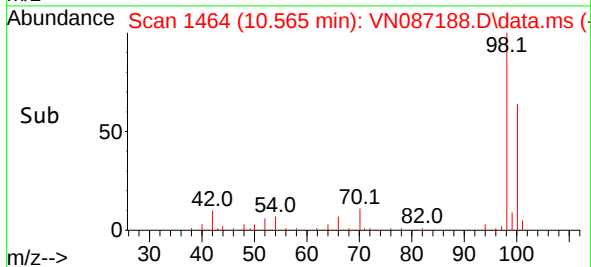
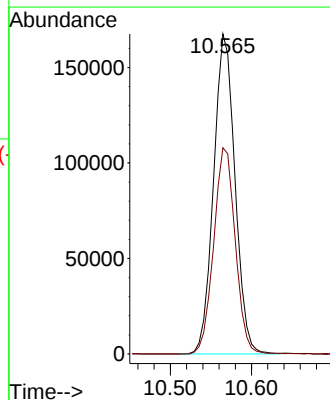
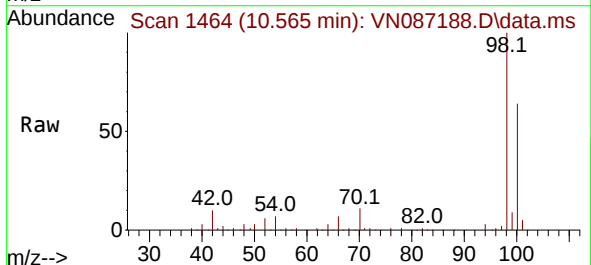
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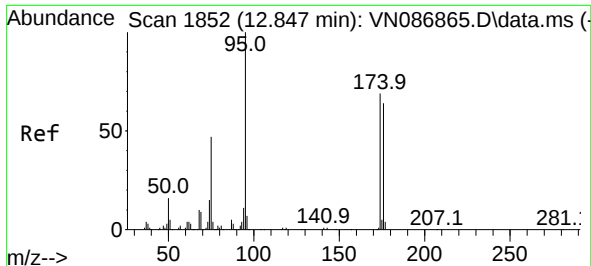
Tgt Ion: 43 Resp: 10889
Ion Ratio Lower Upper
43 100
61 19.4 22.1 33.1#
87 13.7 11.8 17.6



#50
Toluene-d8
Concen: 46.199 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

Tgt Ion: 98 Resp: 306992
Ion Ratio Lower Upper
98 100
100 65.1 53.4 80.0

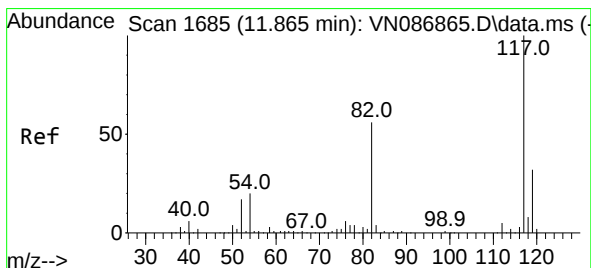
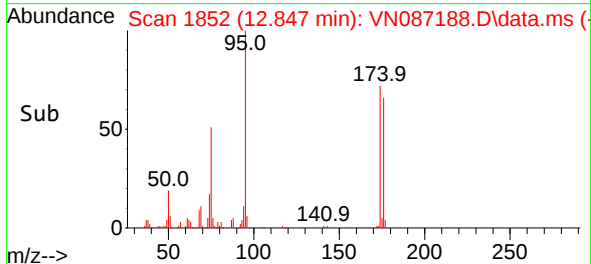
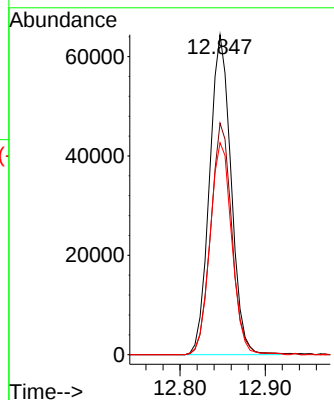
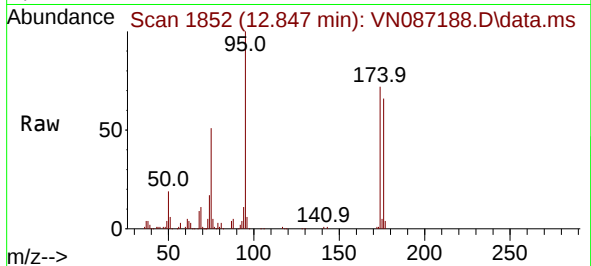




#62
4-Bromofluorobenzene
Concen: 45.737 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

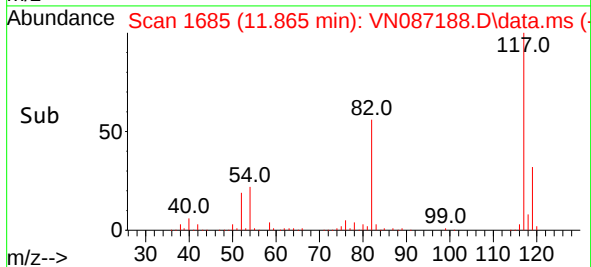
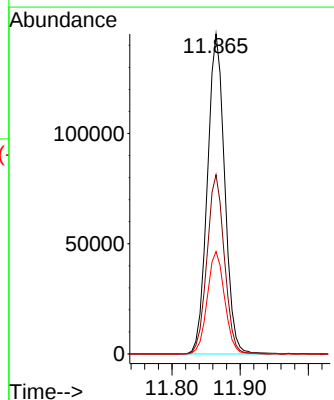
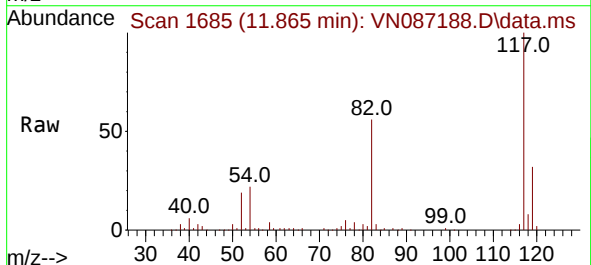
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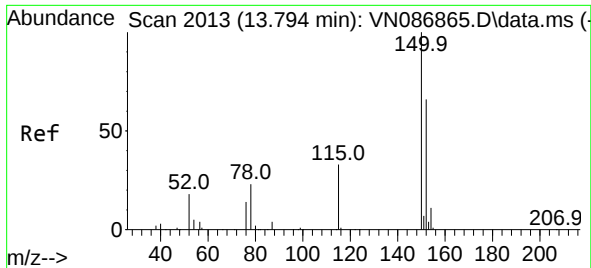
Tgt Ion: 95 Resp: 112916
Ion Ratio Lower Upper
95 100
174 70.8 0.0 141.8
176 67.1 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087188.D
Acq: 26 Jun 2025 12:44

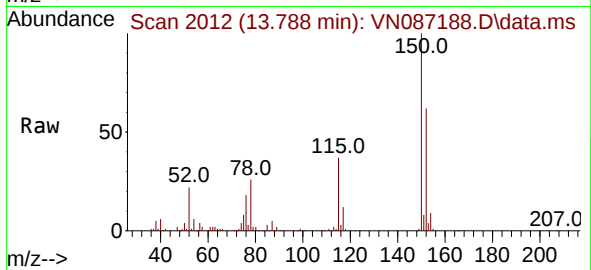
Tgt Ion: 117 Resp: 255868
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087188.D
 Acq: 26 Jun 2025 12:44

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	30.1	90.5
150	159.8	0.0	345.0

