

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061825\
 Data File : VN087081.D
 Acq On : 18 Jun 2025 13:34
 Operator : JC\MD
 Sample : Q2339-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-C

Quant Time: Jun 19 01:27:33 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)

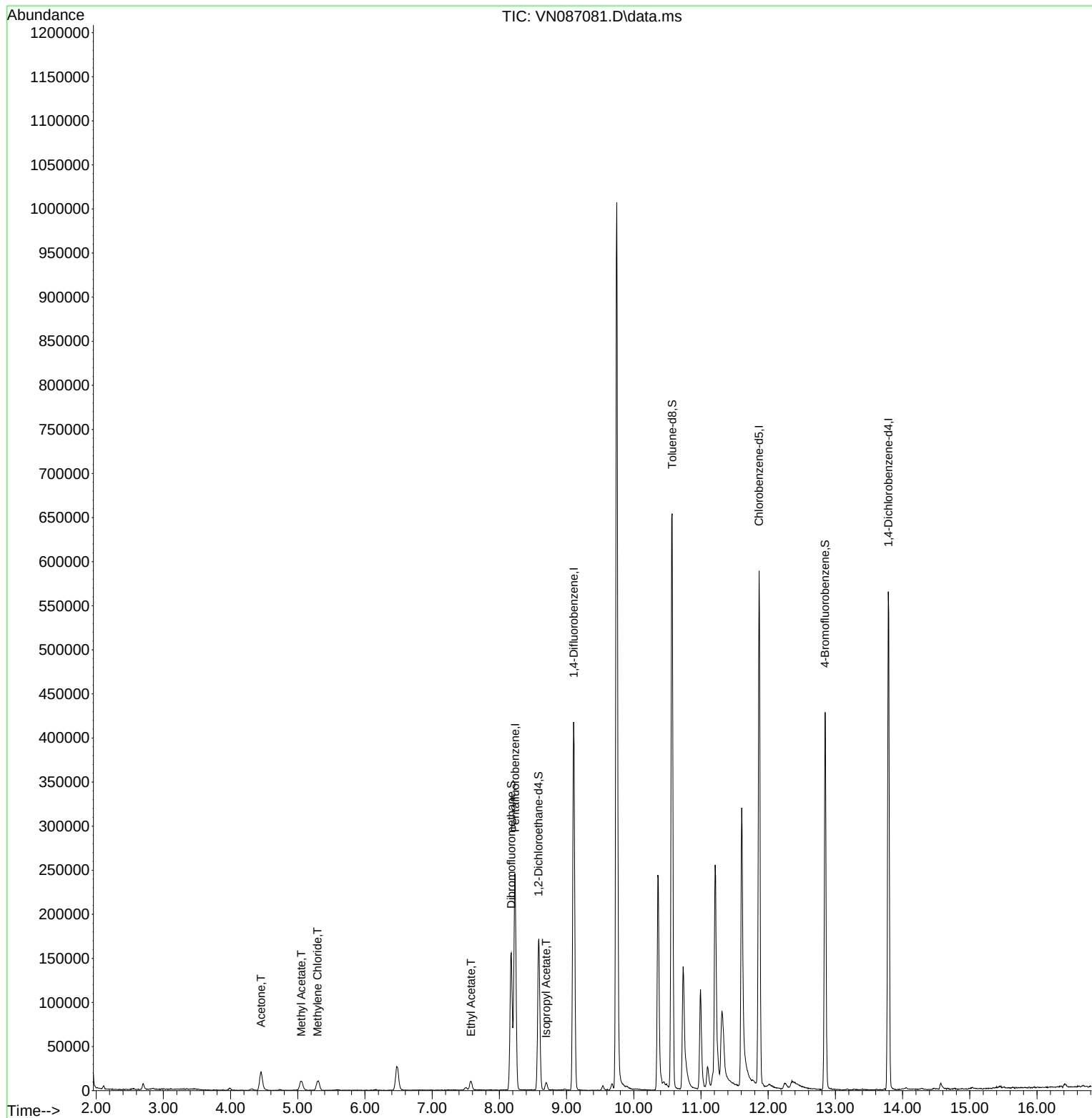
Internal Standards						
1) Pentafluorobenzene	8.236	168	194601	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	394387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	359527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166703	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141721	54.393	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.780%	
35) Dibromofluoromethane	8.177	113	120405	51.516	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.040%	
50) Toluene-d8	10.571	98	489109	52.862	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.720%	
62) 4-Bromofluorobenzene	12.847	95	169746	49.380	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	41726	30.199	ug/l	97
18) Methyl Acetate	5.053	43	24199	6.010	ug/l	96
20) Methylene Chloride	5.295	84	10072	3.894	ug/l	91
37) Ethyl Acetate	7.577	43	16981	3.830	ug/l	98
43) Isopropyl Acetate	8.694	43	10380	1.459	ug/l	95

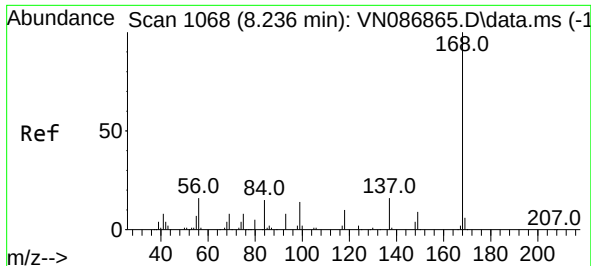
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

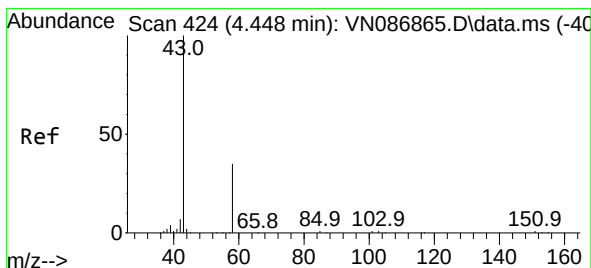
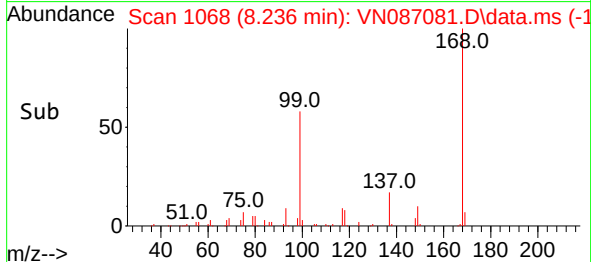
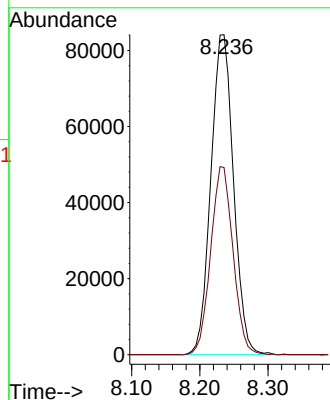
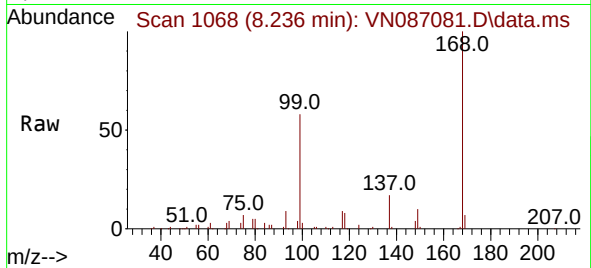




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

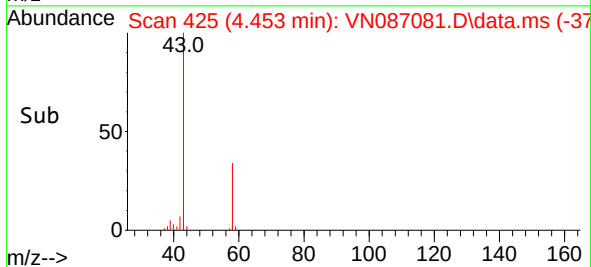
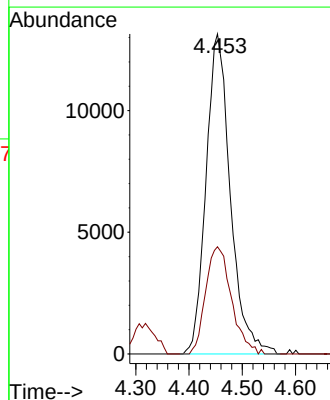
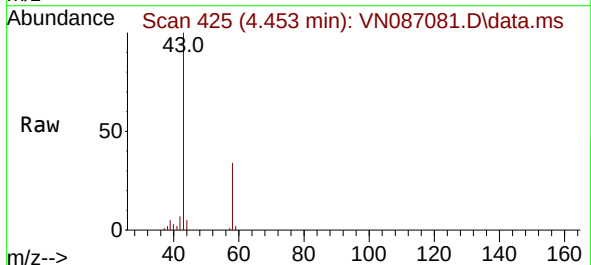
Instrument :
MSVOA_N
ClientSampleId :
MH-C

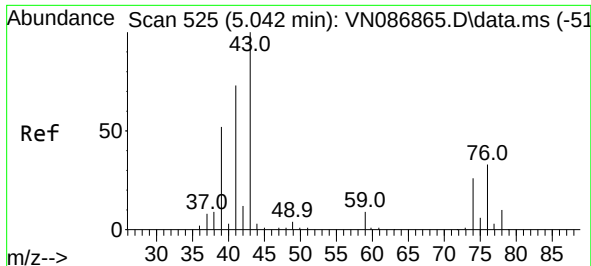
Tgt Ion:168 Resp: 194601
Ion Ratio Lower Upper
168 100
99 58.5 49.1 73.7



#16
Acetone
Concen: 30.199 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

Tgt Ion: 43 Resp: 41726
Ion Ratio Lower Upper
43 100
58 33.5 28.0 42.0

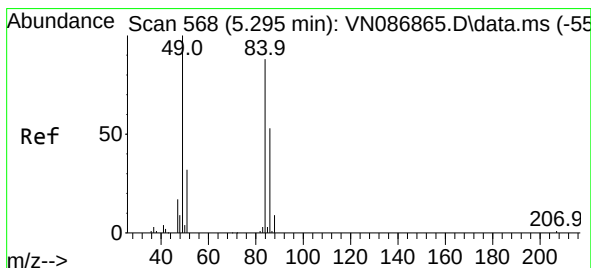
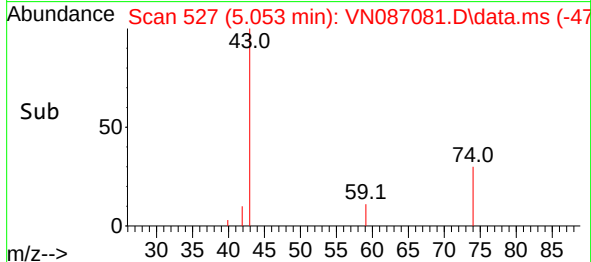
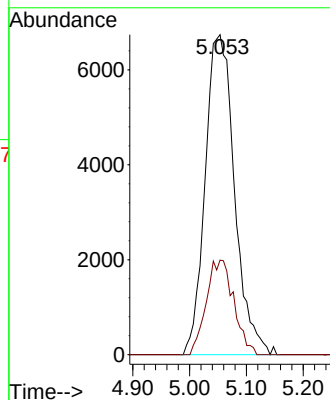
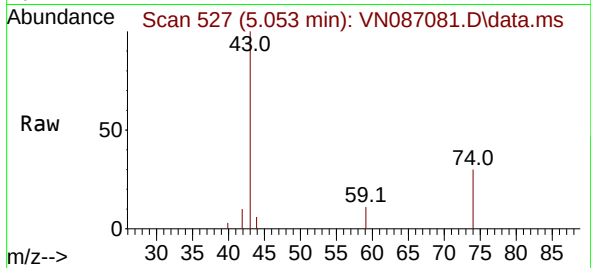




#18
Methyl Acetate
Concen: 6.010 ug/l
RT: 5.053 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

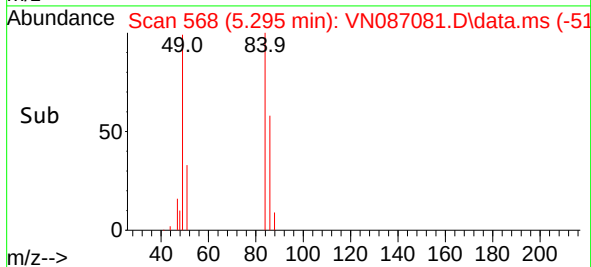
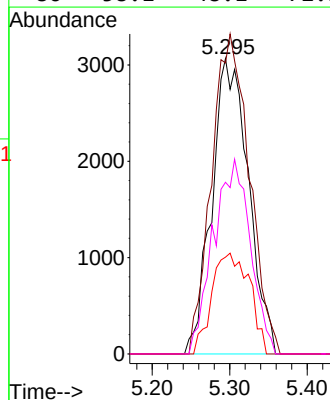
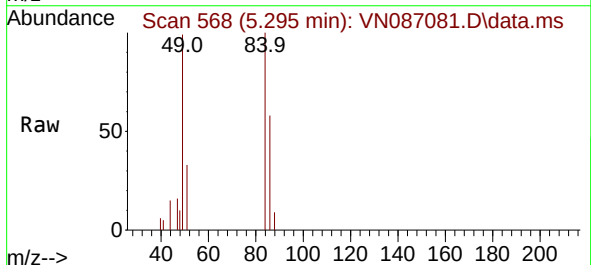
Instrument :
MSVOA_N
ClientSampleId :
MH-C

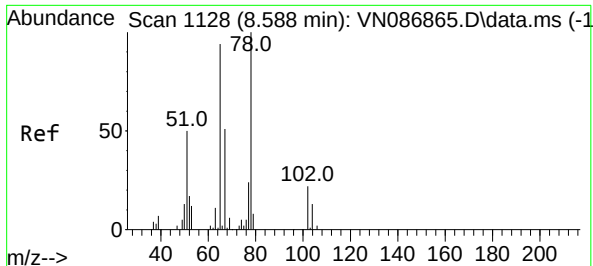
Tgt Ion: 43 Resp: 24199
Ion Ratio Lower Upper
43 100
74 27.7 20.7 31.1



#20
Methylene Chloride
Concen: 3.894 ug/l
RT: 5.295 min Scan# 568
Delta R.T. -0.000 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

Tgt Ion: 84 Resp: 10072
Ion Ratio Lower Upper
84 100
49 98.5 90.5 135.7
51 32.8 28.5 42.7
86 58.1 48.1 72.1





#33

1,2-Dichloroethane-d4

Concen: 54.393 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087081.D

Acq: 18 Jun 2025 13:34

Instrument :

MSVOA_N

ClientSampleId :

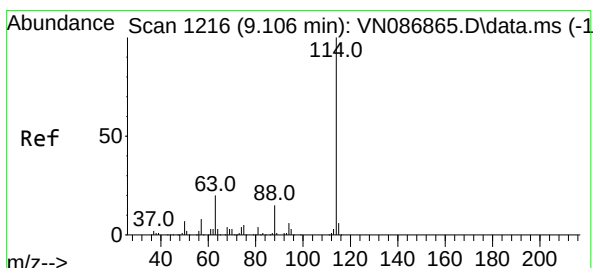
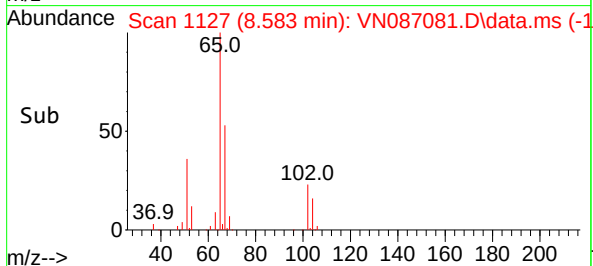
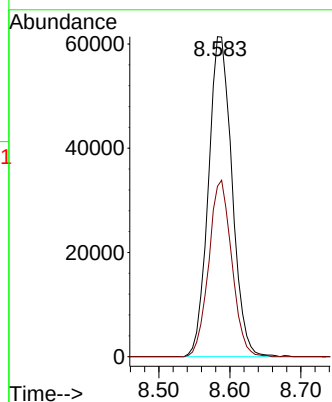
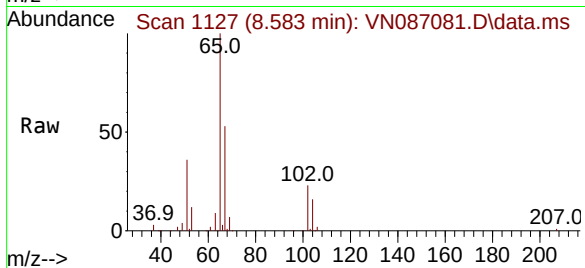
MH-C

Tgt Ion: 65 Resp: 141721

Ion Ratio Lower Upper

65 100

67 53.8 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: VN087081.D

Acq: 18 Jun 2025 13:34

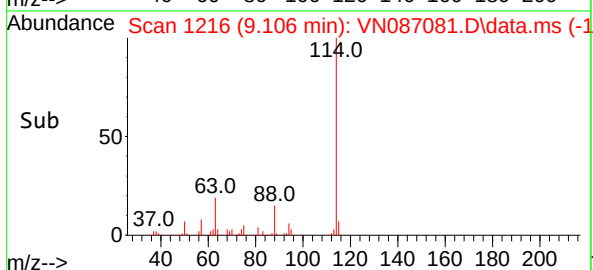
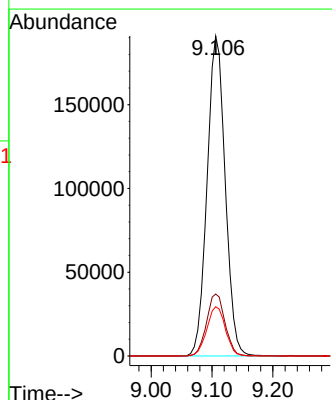
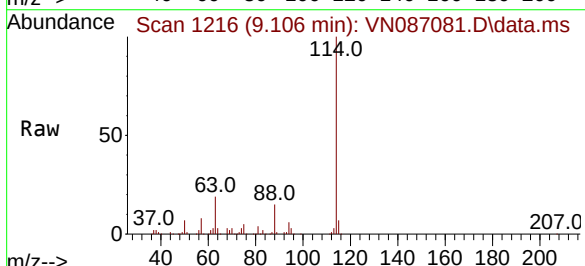
Tgt Ion: 114 Resp: 394387

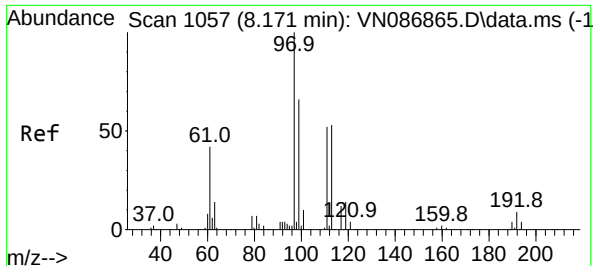
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 15.4 0.0 30.2

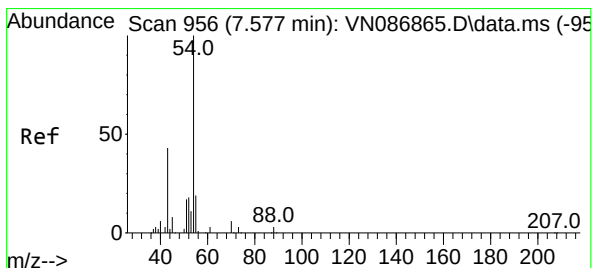
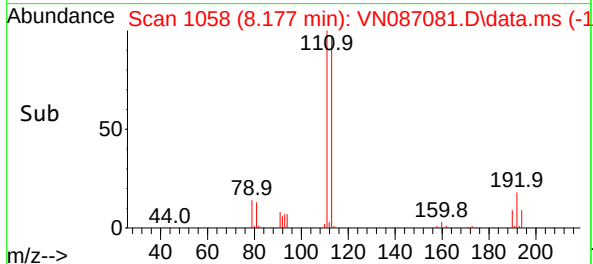
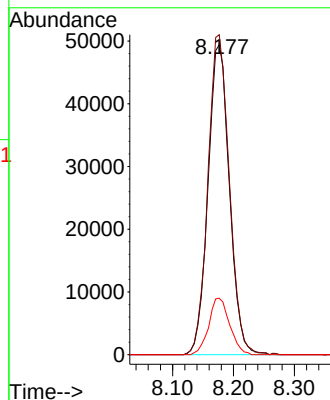
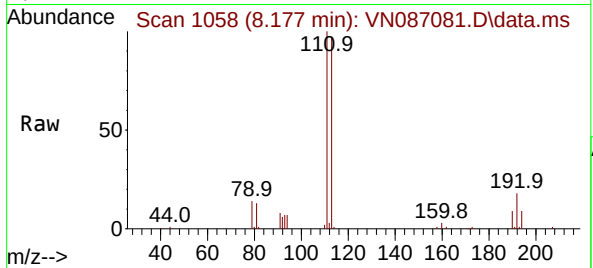




#35
Dibromofluoromethane
Concen: 51.516 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

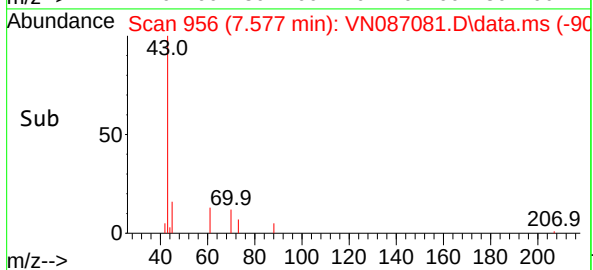
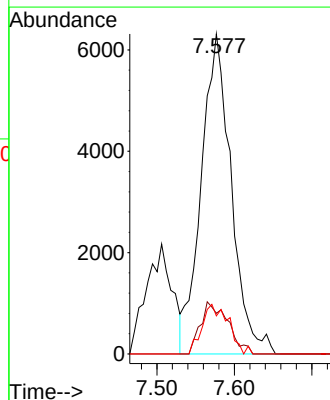
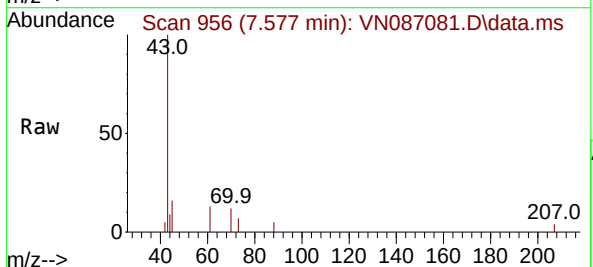
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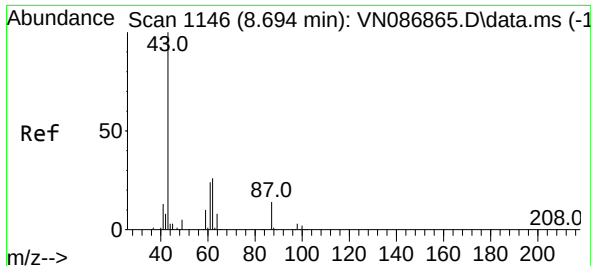
Tgt Ion:113 Resp: 120405
Ion Ratio Lower Upper
113 100
111 103.4 84.2 126.2
192 17.8 14.2 21.4



#37
Ethyl Acetate
Concen: 3.830 ug/l
RT: 7.577 min Scan# 956
Delta R.T. -0.000 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

Tgt Ion: 43 Resp: 16981
Ion Ratio Lower Upper
43 100
61 14.9 12.1 18.1
70 13.7 9.8 14.6

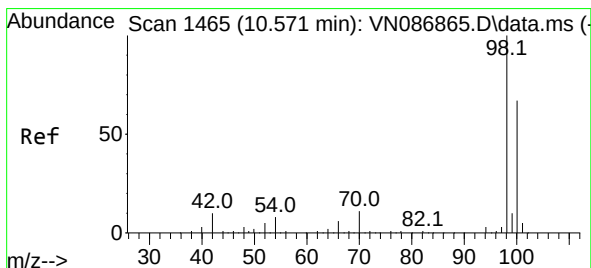
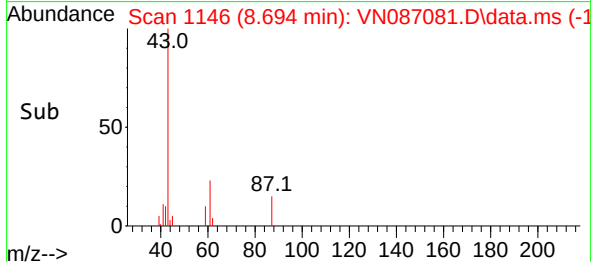
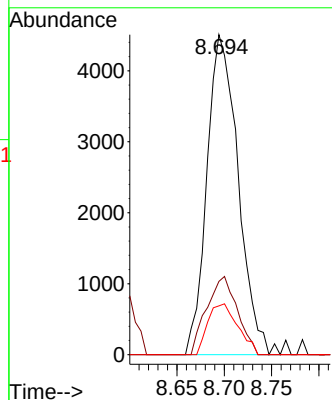
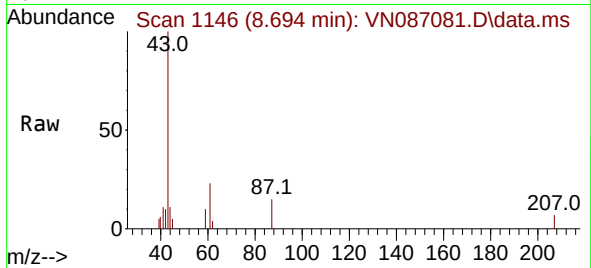




#43
Isopropyl Acetate
Concen: 1.459 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

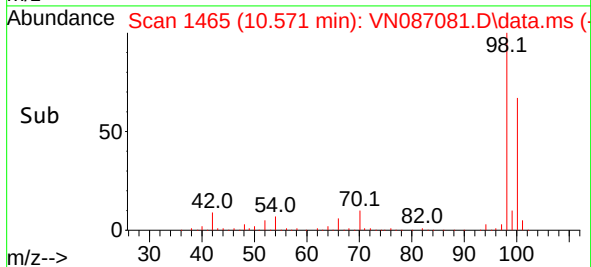
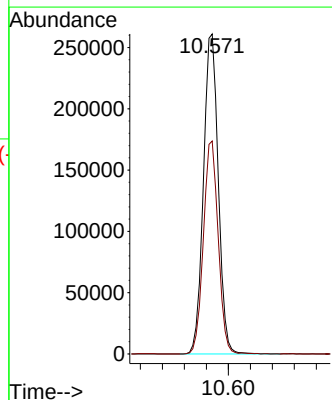
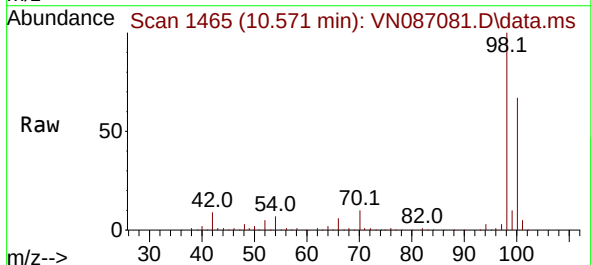
Instrument :
MSVOA_N
ClientSampleId :
MH-C

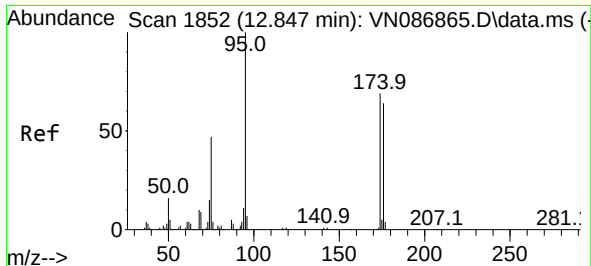
Tgt Ion:	43	Resp:	10380
Ion	Ratio	Lower	Upper
43	100		
61	23.9	22.1	33.1
87	15.2	11.8	17.6



#50
Toluene-d8
Concen: 52.862 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

Tgt Ion:	98	Resp:	489109
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.4	80.0

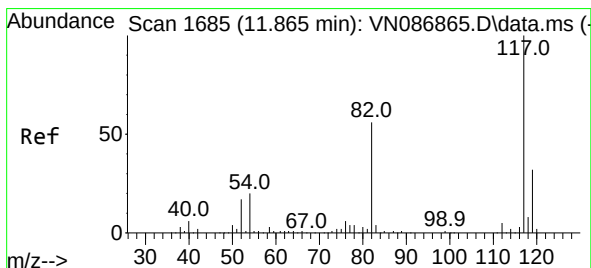
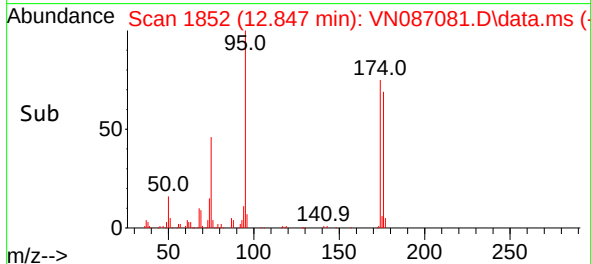
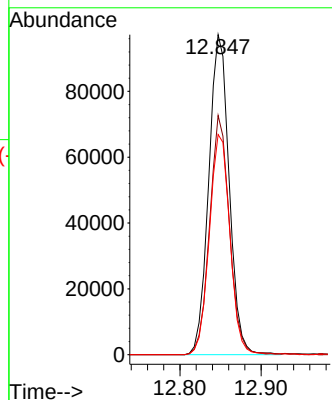
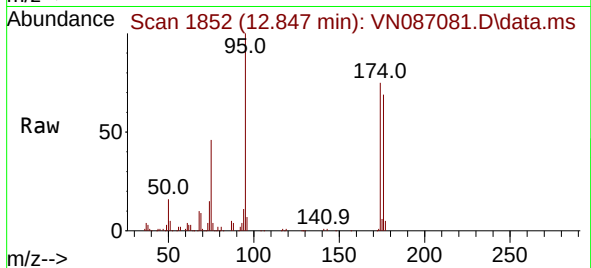




#62
4-Bromofluorobenzene
Concen: 49.380 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

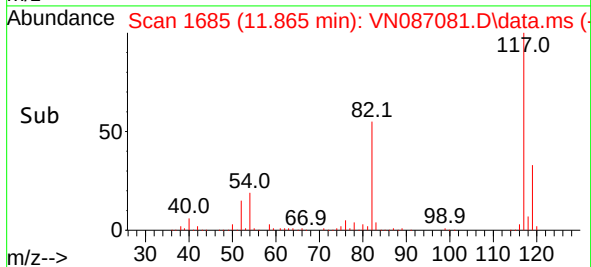
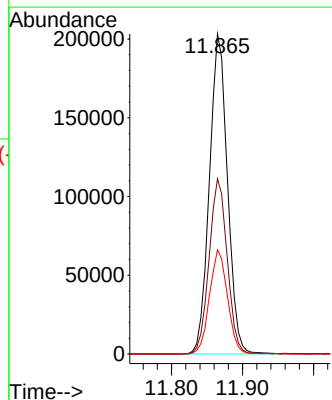
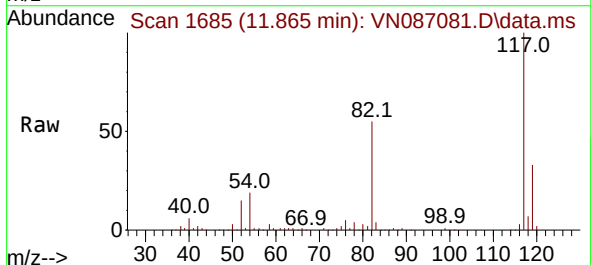
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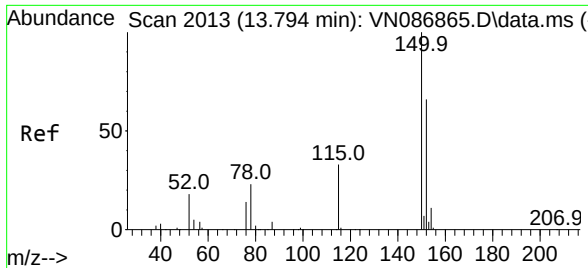
Tgt Ion: 95 Resp: 169746
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.8
176 69.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

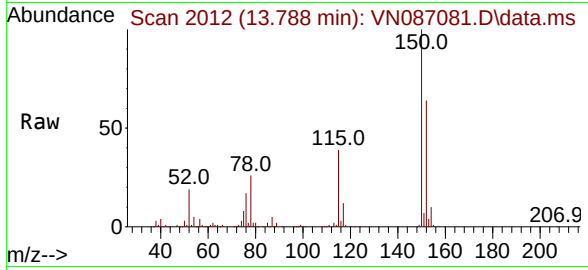
Tgt Ion: 117 Resp: 359527
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.6 25.5 38.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN087081.D
Acq: 18 Jun 2025 13:34

Instrument :
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ClientSampleId :
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Tgt Ion:152 Resp: 166703
Ion Ratio Lower Upper
152 100
115 61.7 30.1 90.5
150 158.4 0.0 345.0

