

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087127.D
 Acq On : 20 Jun 2025 11:01
 Operator : JC\MD
 Sample : Q2363-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GCAP1WDL

Quant Time: Jun 20 23:01:52 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)

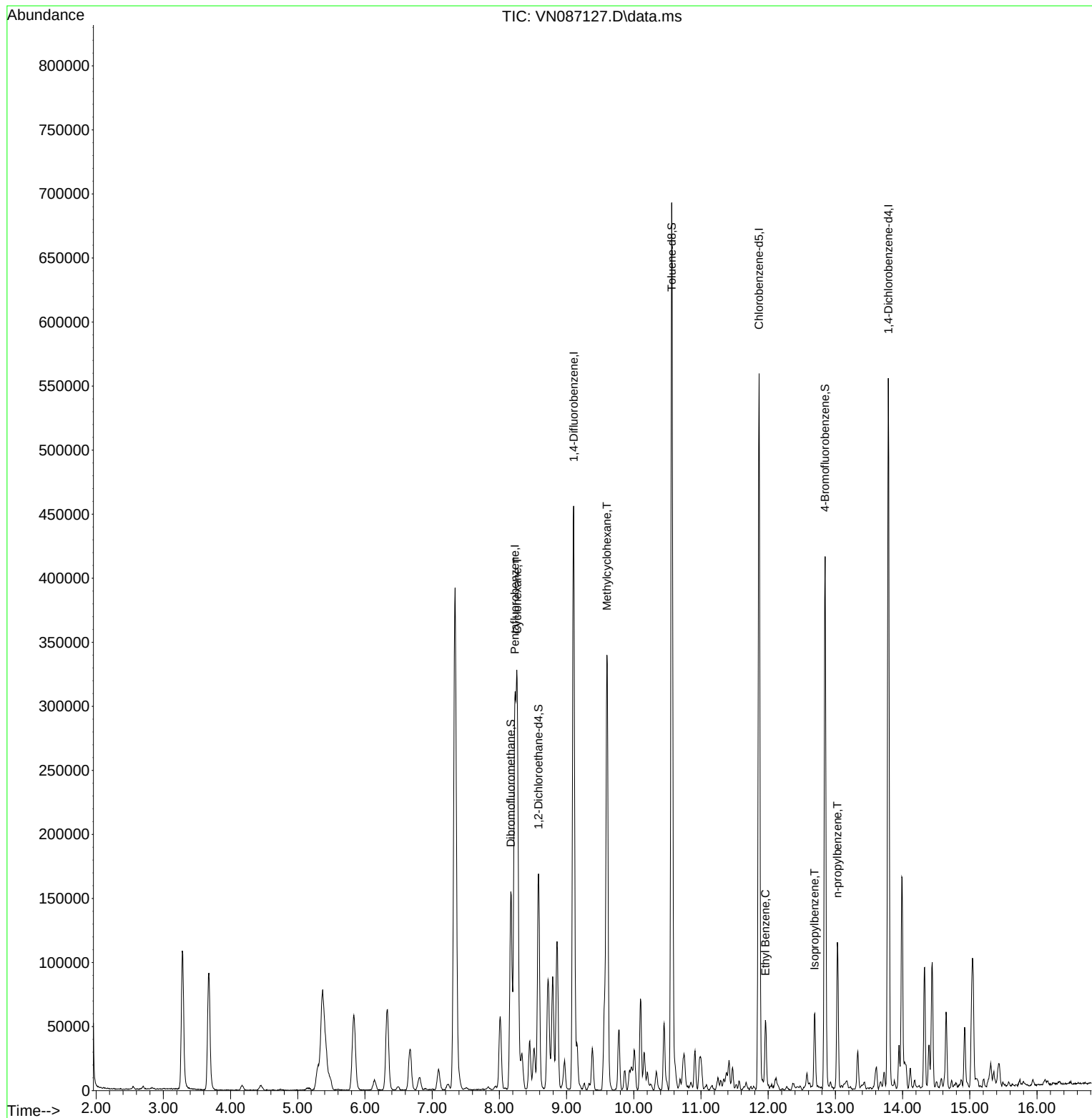
Internal Standards						
1) Pentafluorobenzene	8.229	168	192434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	385508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	163544	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	140152	54.397	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.800%		
35) Dibromofluoromethane	8.171	113	119250	52.197	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 104.400%		
50) Toluene-d8	10.565	98	483437	53.453	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 106.900%		
62) 4-Bromofluorobenzene	12.847	95	167707	49.910	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 99.820%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.265	56	189948	45.455	ug/l	94
39) Methylcyclohexane	9.600	83	166852	35.774	ug/l	95
67) Ethyl Benzene	11.959	91	32283	2.450	ug/l	98
73) Isopropylbenzene	12.688	105	42552	3.571	ug/l	99
78) n-propylbenzene	13.029	91	96400	6.658	ug/l	99

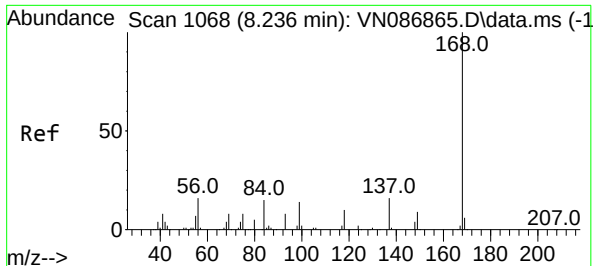
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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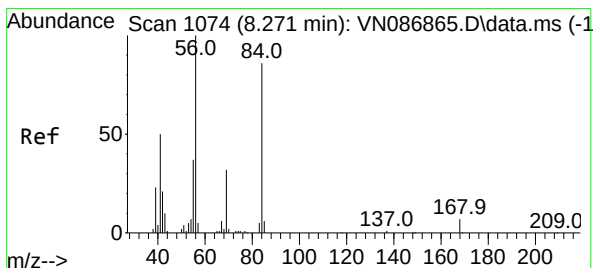
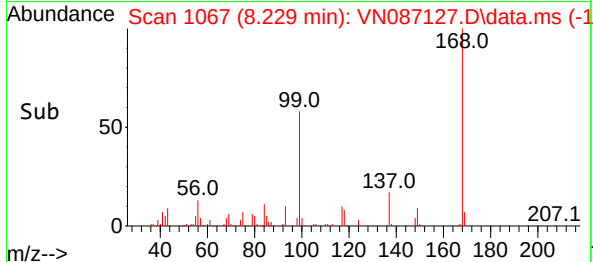
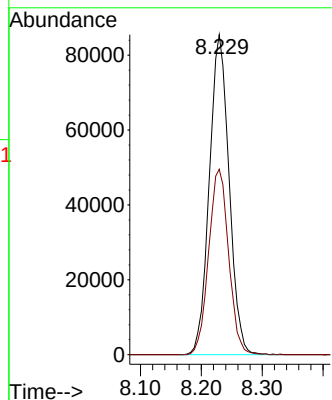
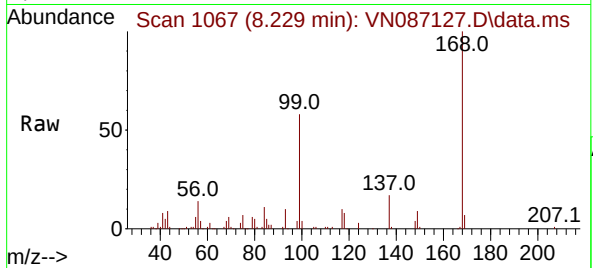




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

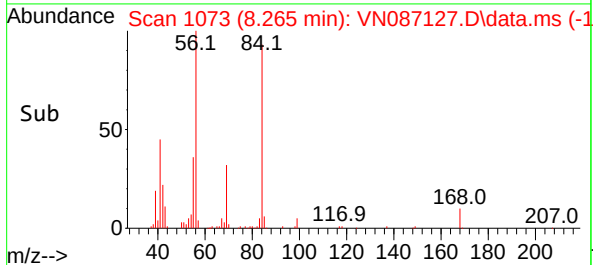
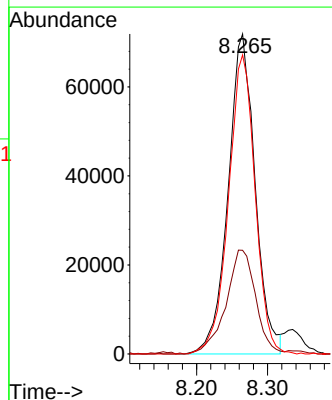
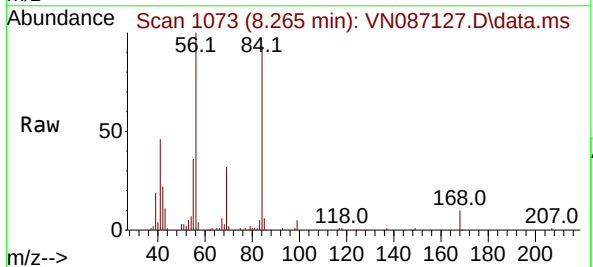
Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

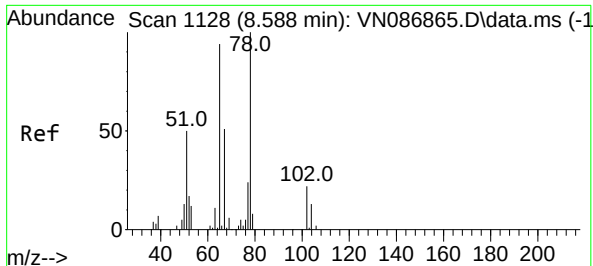
Tgt Ion:168 Resp: 192434
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#31
Cyclohexane
Concen: 45.455 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 56 Resp: 189948
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 93.4 68.8 103.2





#33

1,2-Dichloroethane-d4

Concen: 54.397 ug/l

RT: 8.582 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087127.D

Acq: 20 Jun 2025 11:01

Instrument :

MSVOA_N

ClientSampleId :

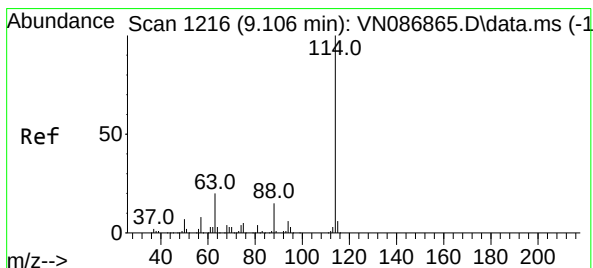
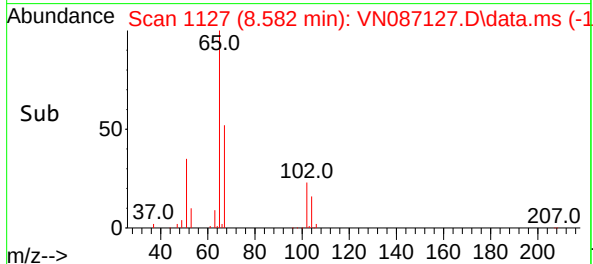
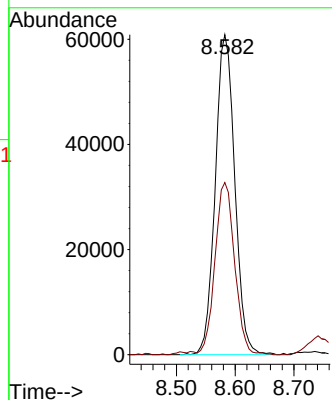
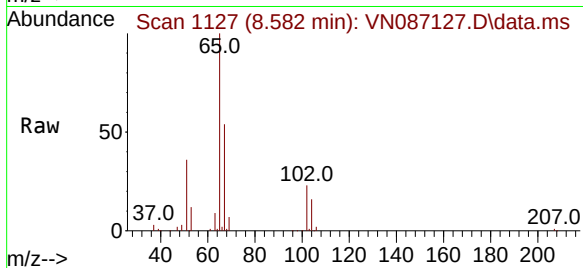
GCAP1WDL

Tgt Ion: 65 Resp: 140152

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# 1216

Delta R.T. -0.000 min

Lab File: VN087127.D

Acq: 20 Jun 2025 11:01

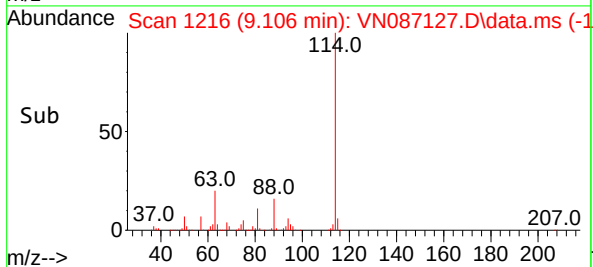
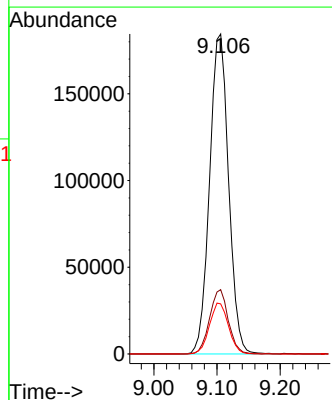
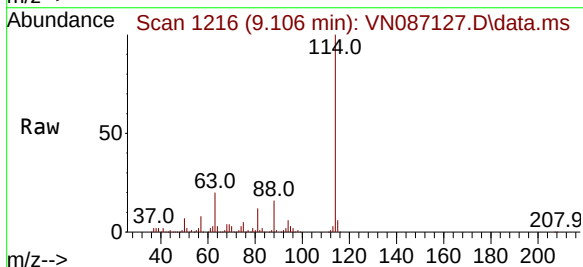
Tgt Ion: 114 Resp: 385508

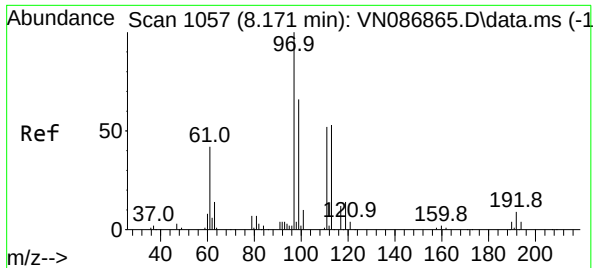
Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.6

88 15.7 0.0 30.2

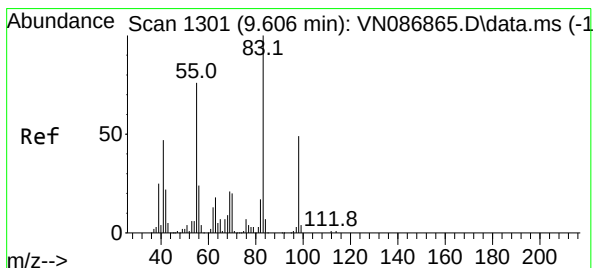
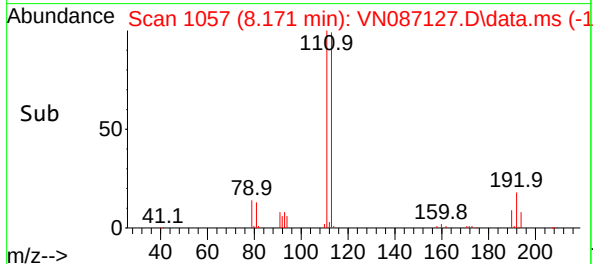
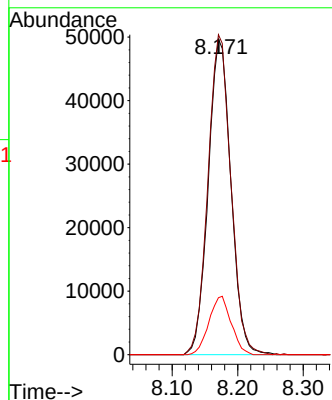
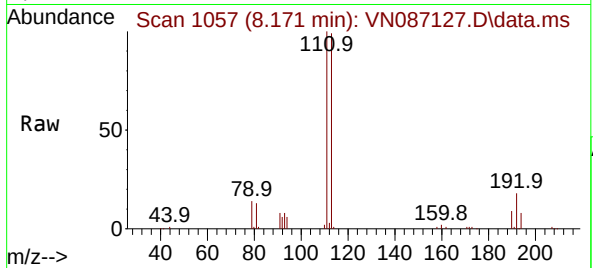




#35
Dibromofluoromethane
Concen: 52.197 ug/l
RT: 8.171 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

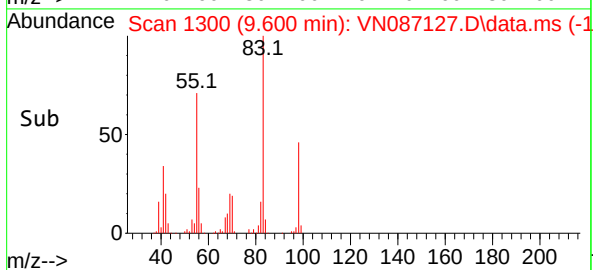
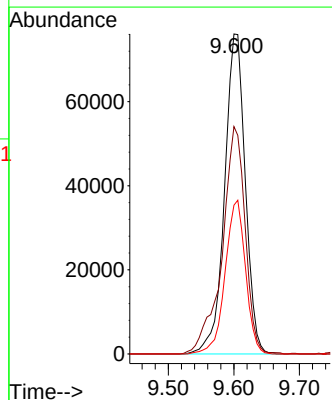
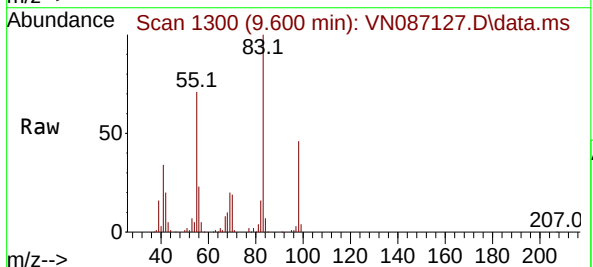
Instrument :
MSVOA_N
ClientSampleId :
GCAP1WDL

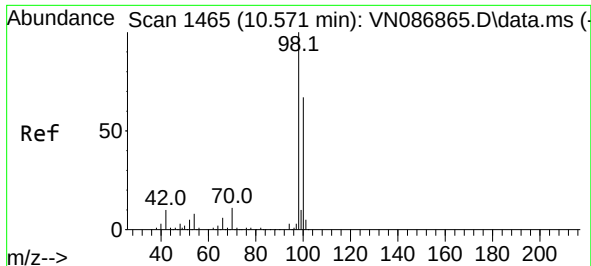
Tgt Ion:113 Resp: 119250
Ion Ratio Lower Upper
113 100
111 102.2 84.2 126.2
192 18.2 14.2 21.4



#39
Methylcyclohexane
Concen: 35.774 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 83 Resp: 166852
Ion Ratio Lower Upper
83 100
55 71.0 61.0 91.6
98 46.5 38.9 58.3

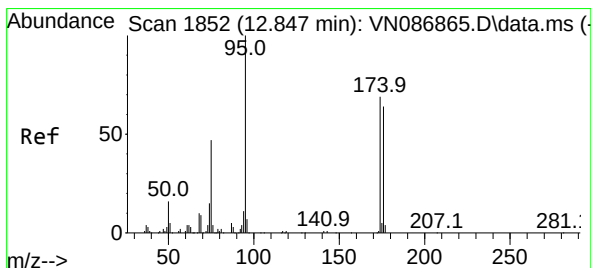
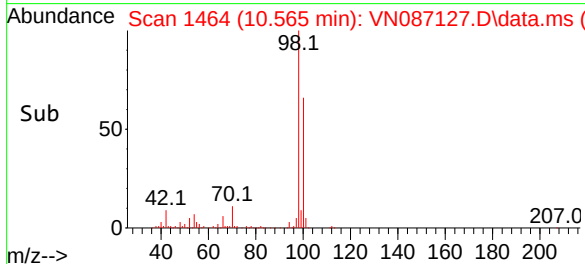
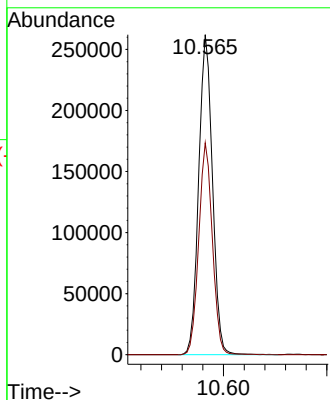
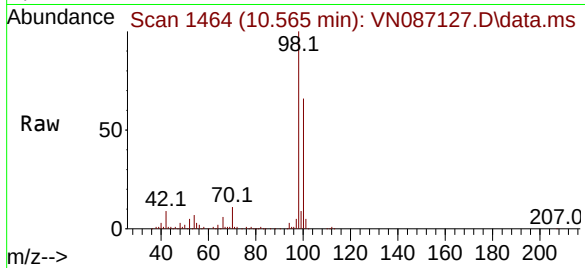




#50
Toluene-d8
Concen: 53.453 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

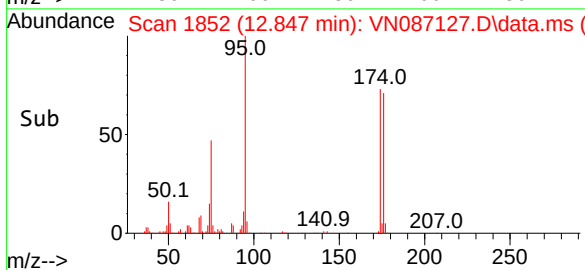
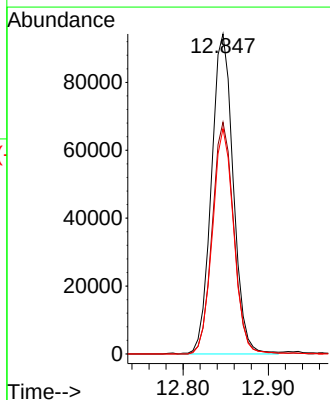
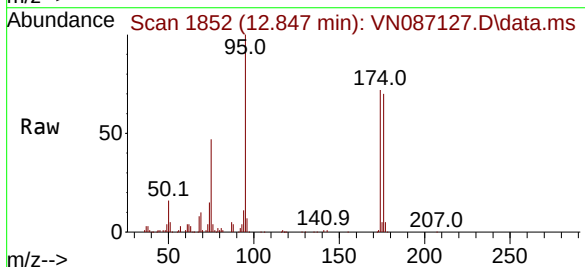
Instrument :
MSVOA_N
ClientSampleId :
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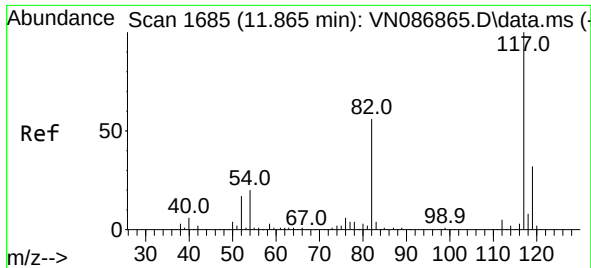
Tgt Ion: 98 Resp: 483437
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.910 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 95 Resp: 167707
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.7 0.0 132.6

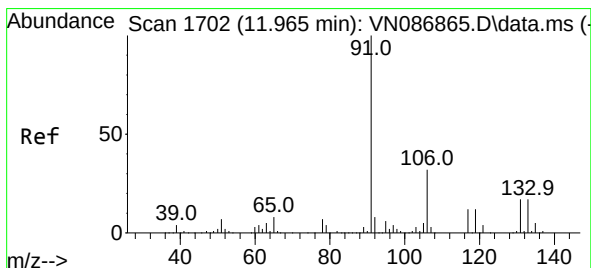
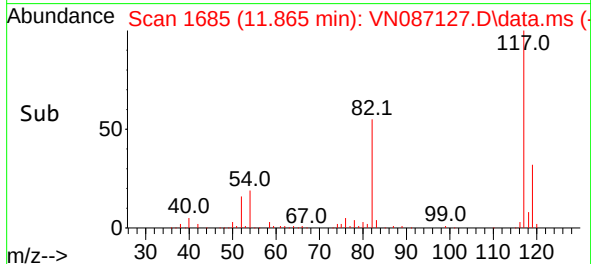
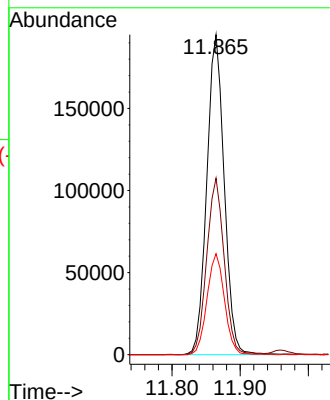
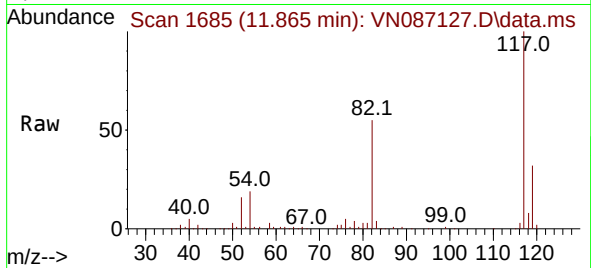




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

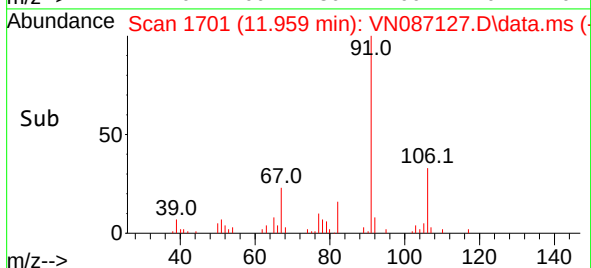
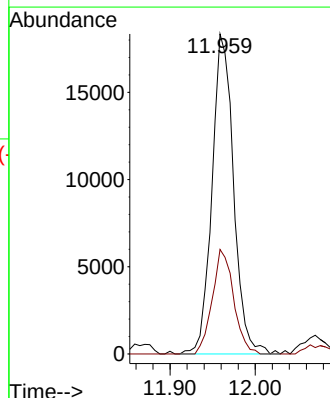
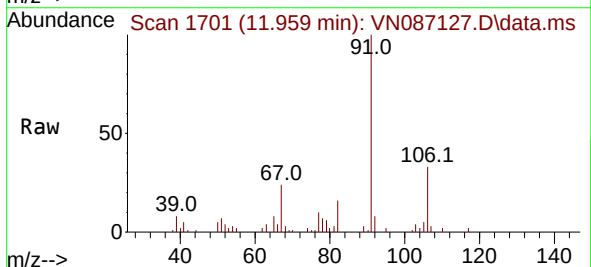
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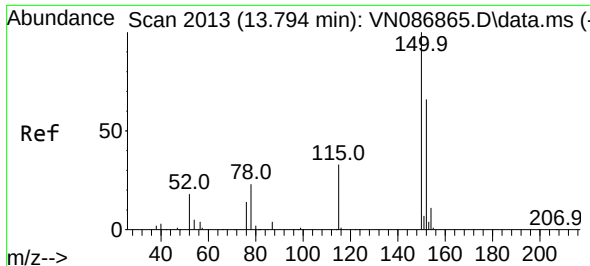
Tgt Ion:117 Resp: 346901
Ion Ratio Lower Upper
117 100
82 55.2 44.6 67.0
119 31.6 25.5 38.3



#67
Ethyl Benzene
Concen: 2.450 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion: 91 Resp: 32283
Ion Ratio Lower Upper
91 100
106 32.6 25.4 38.2

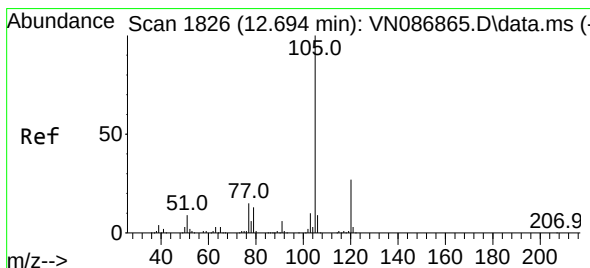
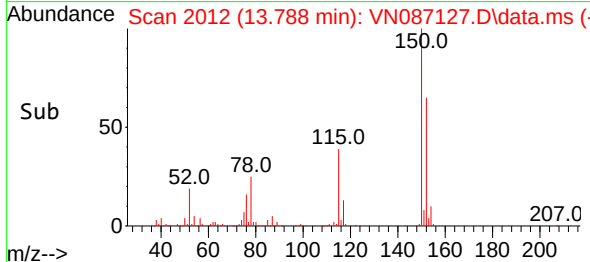
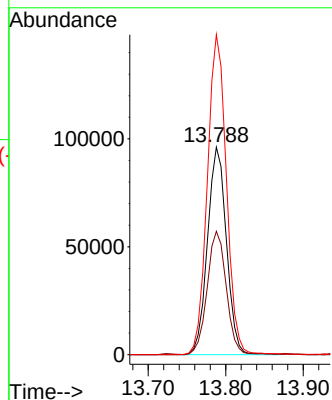
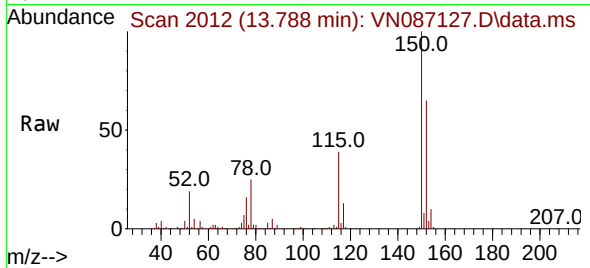




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

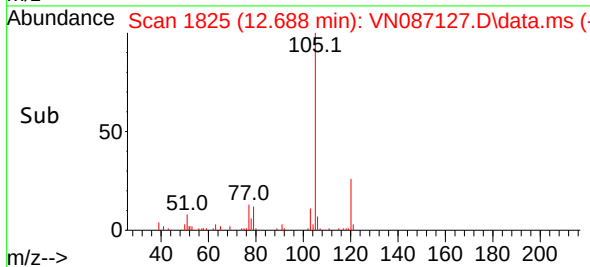
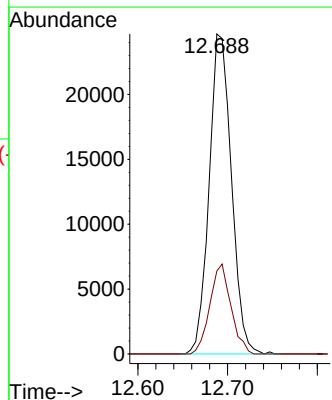
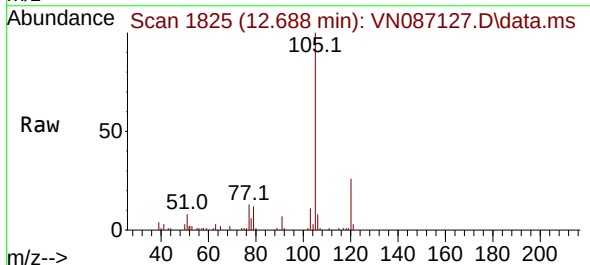
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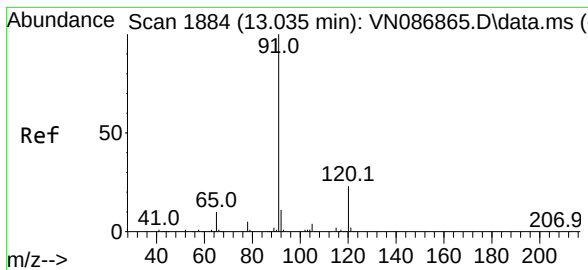
Tgt Ion:152 Resp: 163544
Ion Ratio Lower Upper
152 100
115 60.1 30.1 90.5
150 155.1 0.0 345.0



#73
Isopropylbenzene
Concen: 3.571 ug/l
RT: 12.688 min Scan# 1825
Delta R.T. -0.006 min
Lab File: VN087127.D
Acq: 20 Jun 2025 11:01

Tgt Ion:105 Resp: 42552
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4





#78
 n-propylbenzene
 Concen: 6.658 ug/l
 RT: 13.029 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN087127.D
 Acq: 20 Jun 2025 11:01

Instrument :
 MSVOA_N
 ClientSampleId :
 GCAP1WDL

Tgt Ion: 91 Resp: 96400
 Ion Ratio Lower Upper
 91 100
 120 22.5 11.4 34.2

