

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087066.D
 Acq On : 17 Jun 2025 17:34
 Operator : JC\MD
 Sample : Q2329-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01-20250613

Quant Time: Jun 18 01:51:58 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)

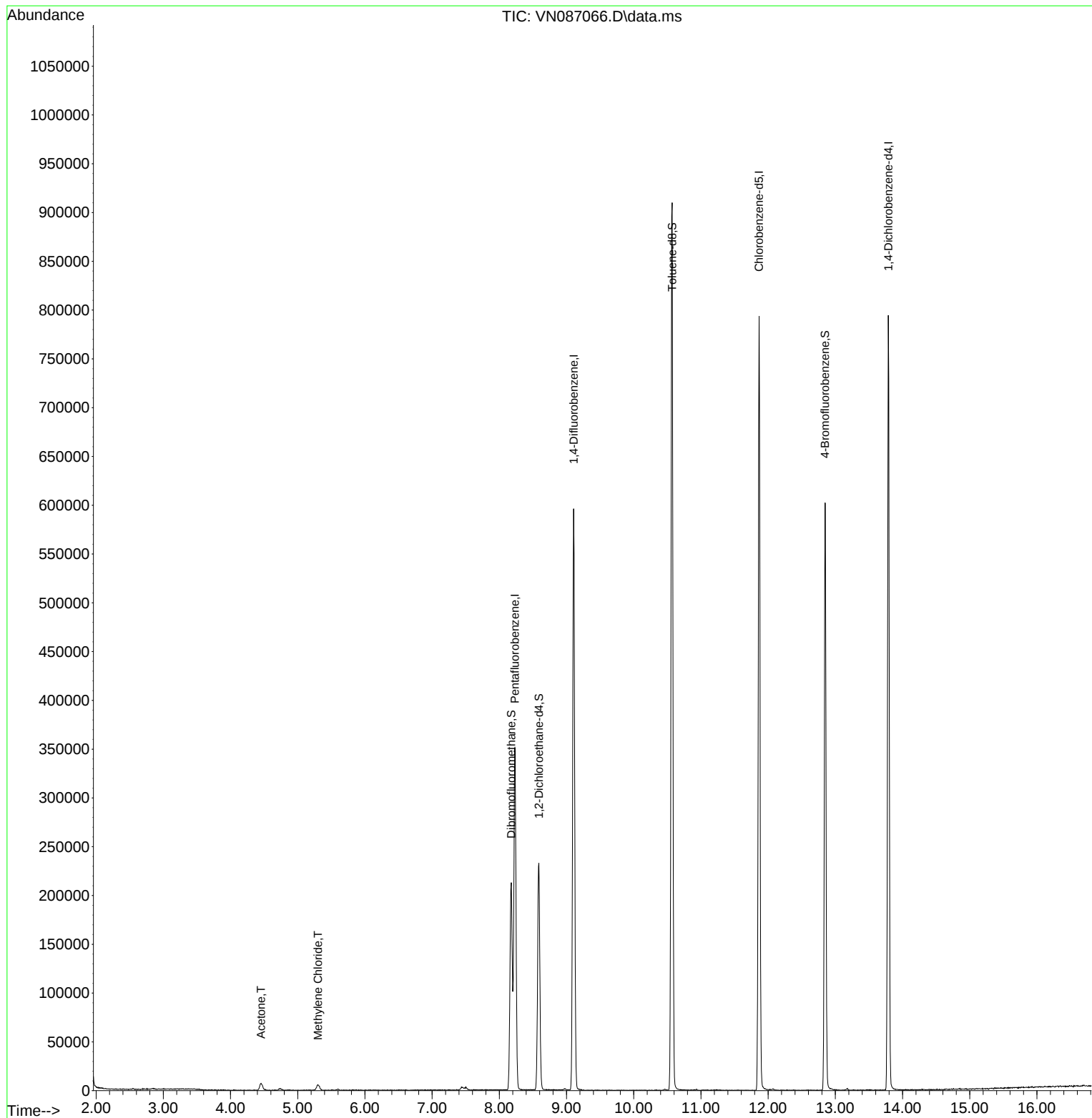
Internal Standards						
1) Pentafluorobenzene	8.230	168	280200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	557377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	497814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	233303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	191431	51.027	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.060%	
35) Dibromofluoromethane	8.177	113	166735	50.478	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.960%	
50) Toluene-d8	10.571	98	682490	52.193	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.847	95	239110	49.218	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	14896	7.487	ug/l	89
20) Methylene Chloride	5.300	84	5397	1.449	ug/l	91

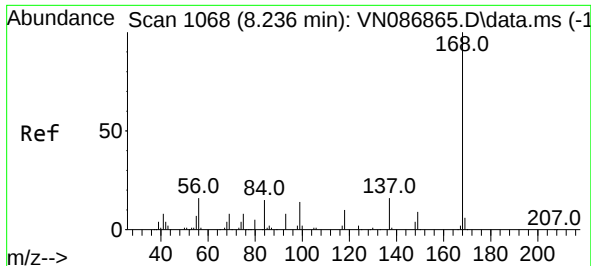
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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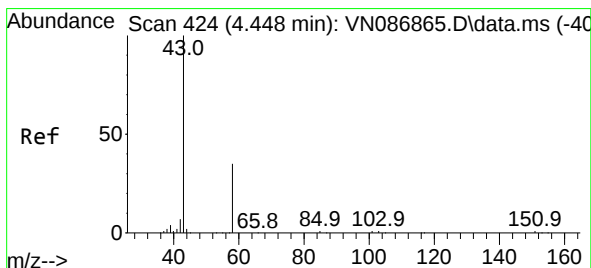
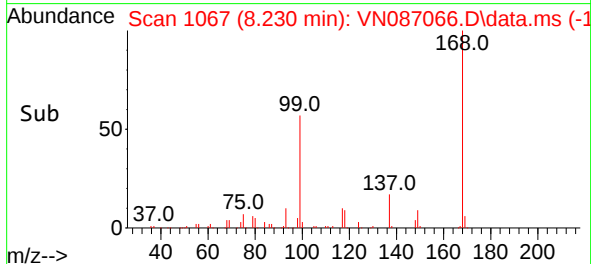
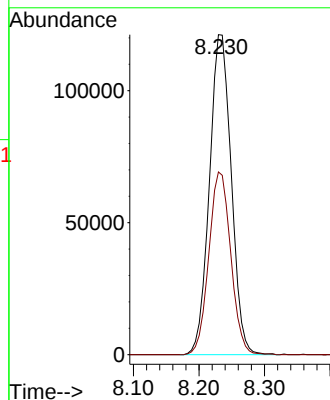
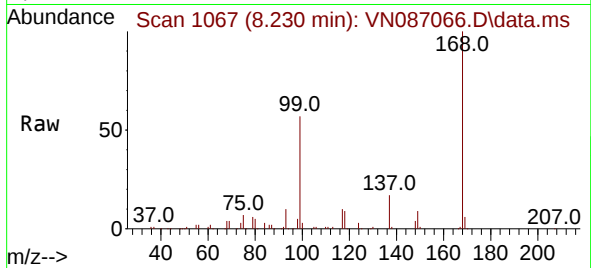




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

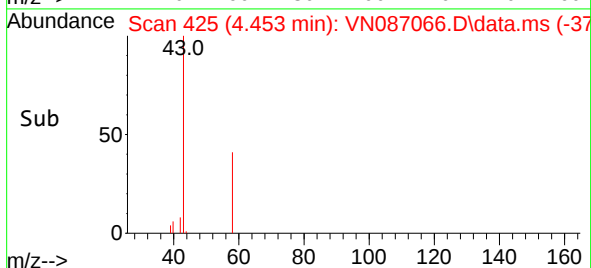
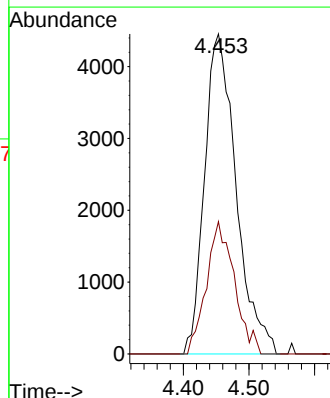
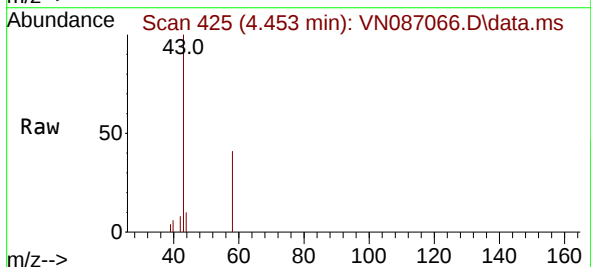
Instrument :
MSVOA_N
ClientSampleId :
FB01-20250613

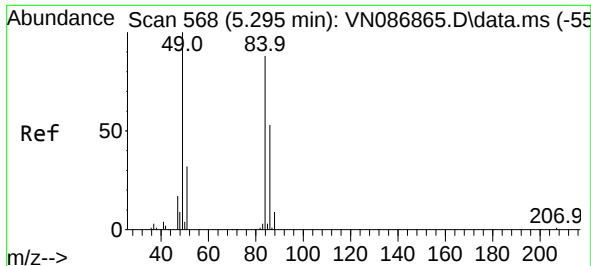
Tgt Ion:168 Resp: 280200
Ion Ratio Lower Upper
168 100
99 57.1 49.1 73.7



#16
Acetone
Concen: 7.487 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

Tgt Ion: 43 Resp: 14896
Ion Ratio Lower Upper
43 100
58 41.3 28.0 42.0

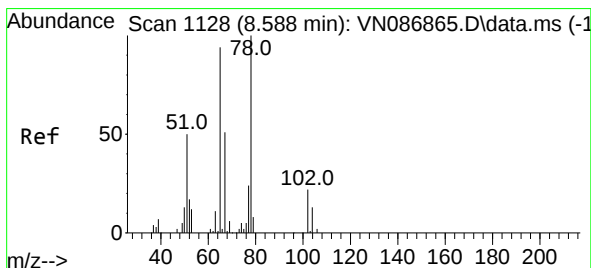
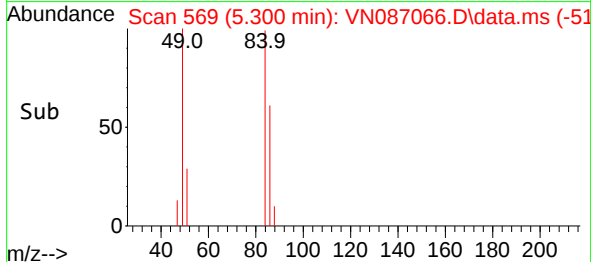
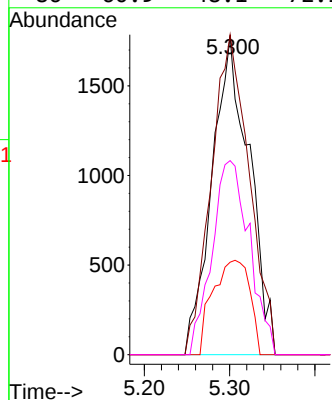
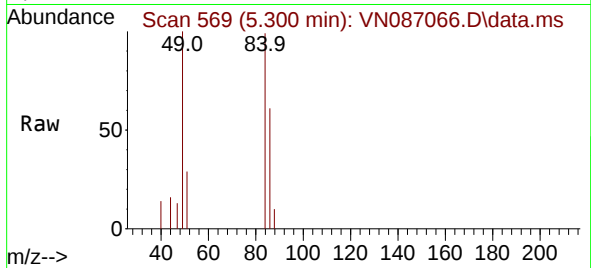




#20
Methylene Chloride
Concen: 1.449 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

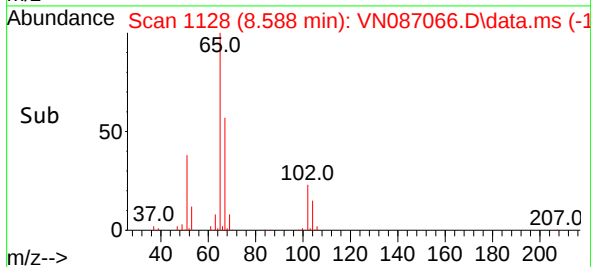
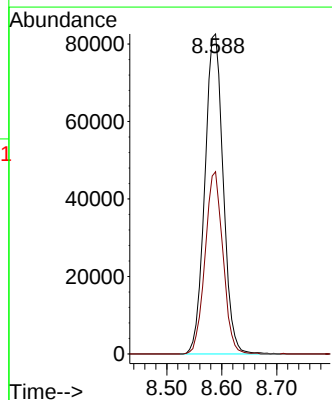
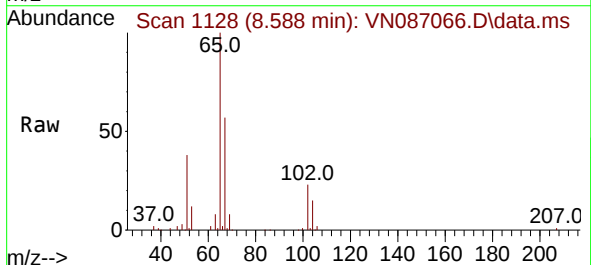
Instrument :
MSVOA_N
ClientSampleId :
FB01-20250613

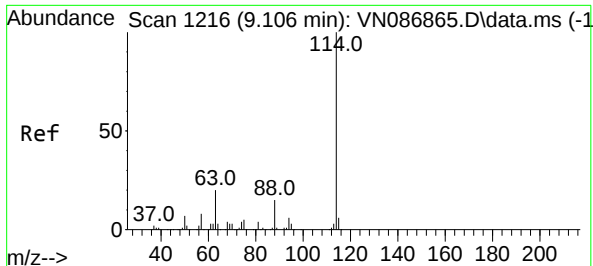
Tgt Ion:	84	Resp:	5397
Ion	Ratio	Lower	Upper
84	100		
49	100.5	90.5	135.7
51	29.0	28.5	42.7
86	60.9	48.1	72.1



#33
1,2-Dichloroethane-d4
Concen: 51.027 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

Tgt Ion:	65	Resp:	191431
Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.6

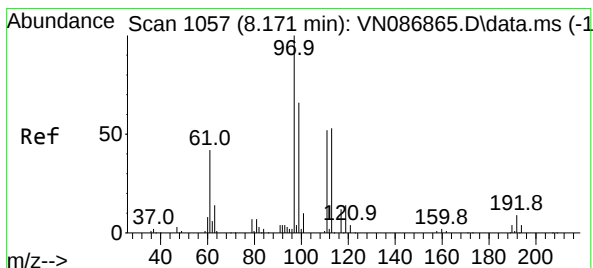
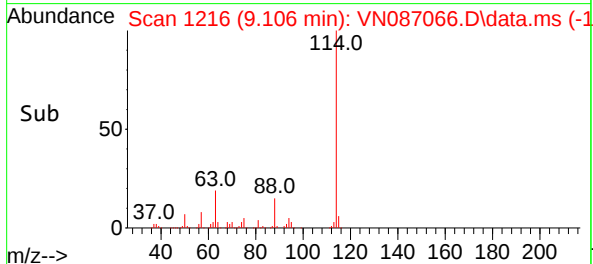
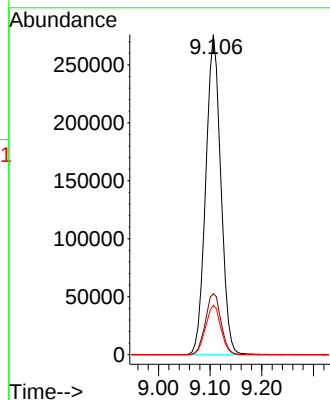
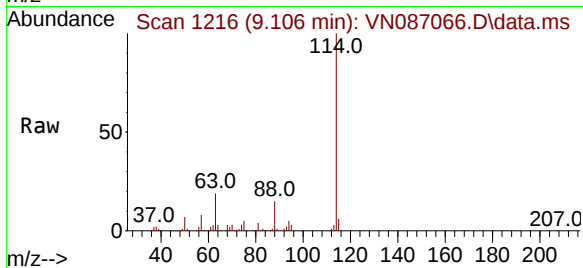




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

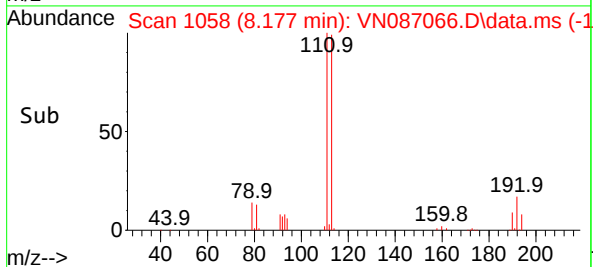
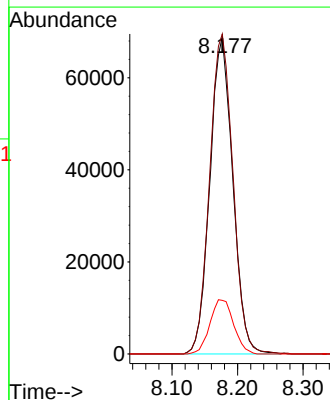
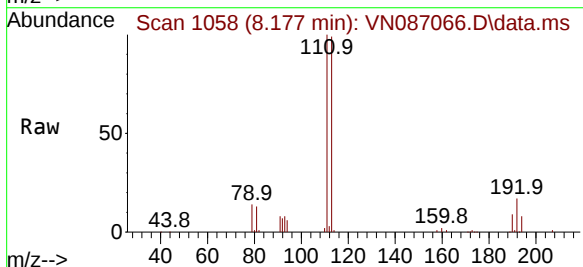
Instrument :
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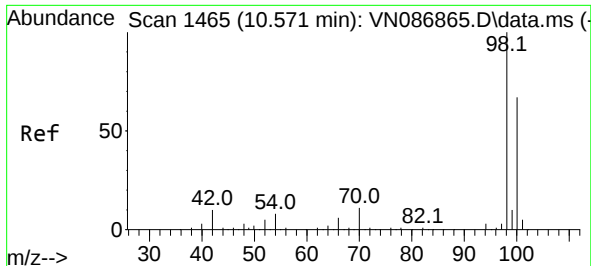
Tgt Ion:114 Resp: 557377
Ion Ratio Lower Upper
114 100
63 19.1 0.0 39.6
88 15.4 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.478 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

Tgt Ion:113 Resp: 166735
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 17.7 14.2 21.4

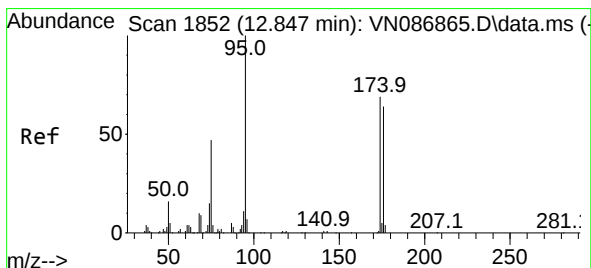
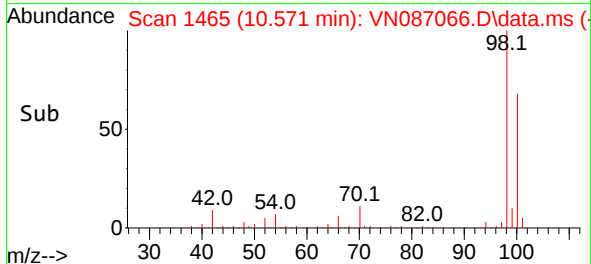
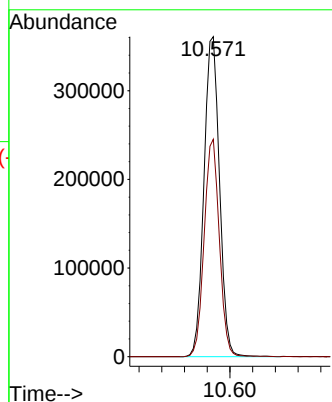
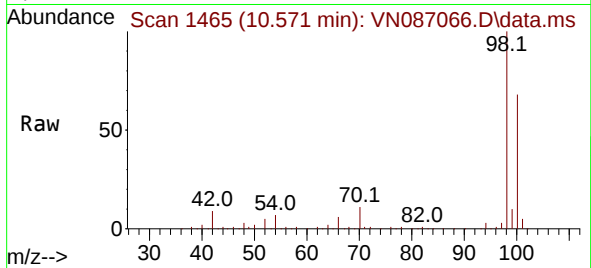




#50
Toluene-d8
Concen: 52.193 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

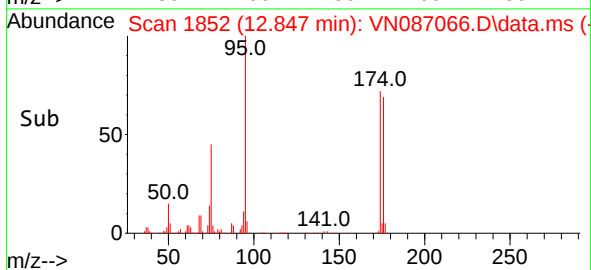
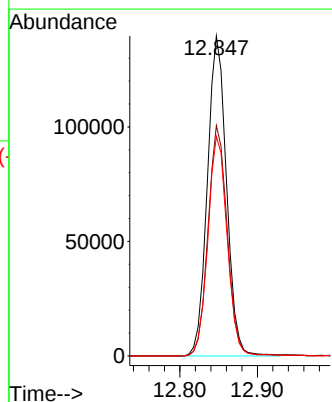
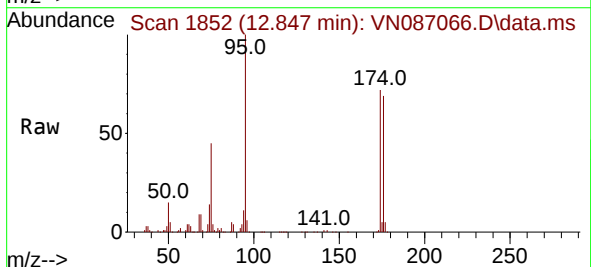
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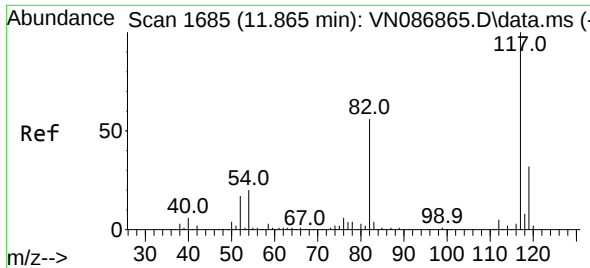
Tgt Ion: 98 Resp: 682490
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.218 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

Tgt Ion: 95 Resp: 239110
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.8
176 69.2 0.0 132.6

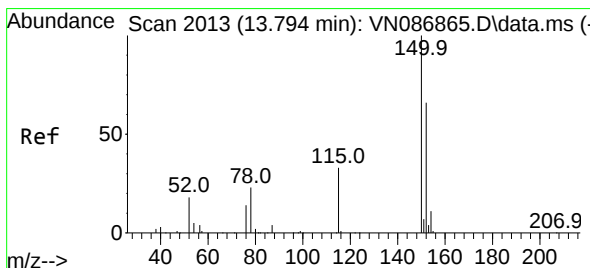
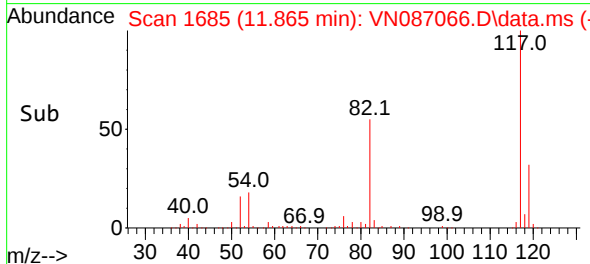
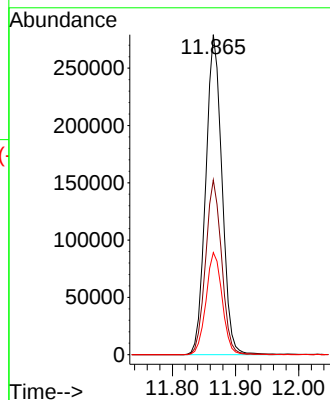
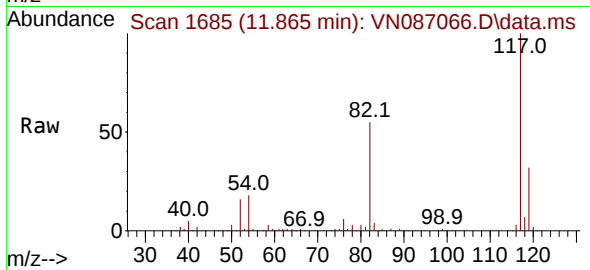




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087066.D
Acq: 17 Jun 2025 17:34

Instrument :
MSVOA_N
ClientSampleId :
FB01-20250613

Tgt Ion:117 Resp: 497814
Ion Ratio Lower Upper
117 100
82 54.6 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: VN087066.D
Acq: 17 Jun 2025 17:34

Tgt Ion:152 Resp: 233303
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.5
150 158.8 0.0 345.0

