

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086963.D
 Acq On : 11 Jun 2025 20:39
 Operator : JC\MD
 Sample : Q2263-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D3-20250606

Quant Time: Jun 12 01:47:14 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)

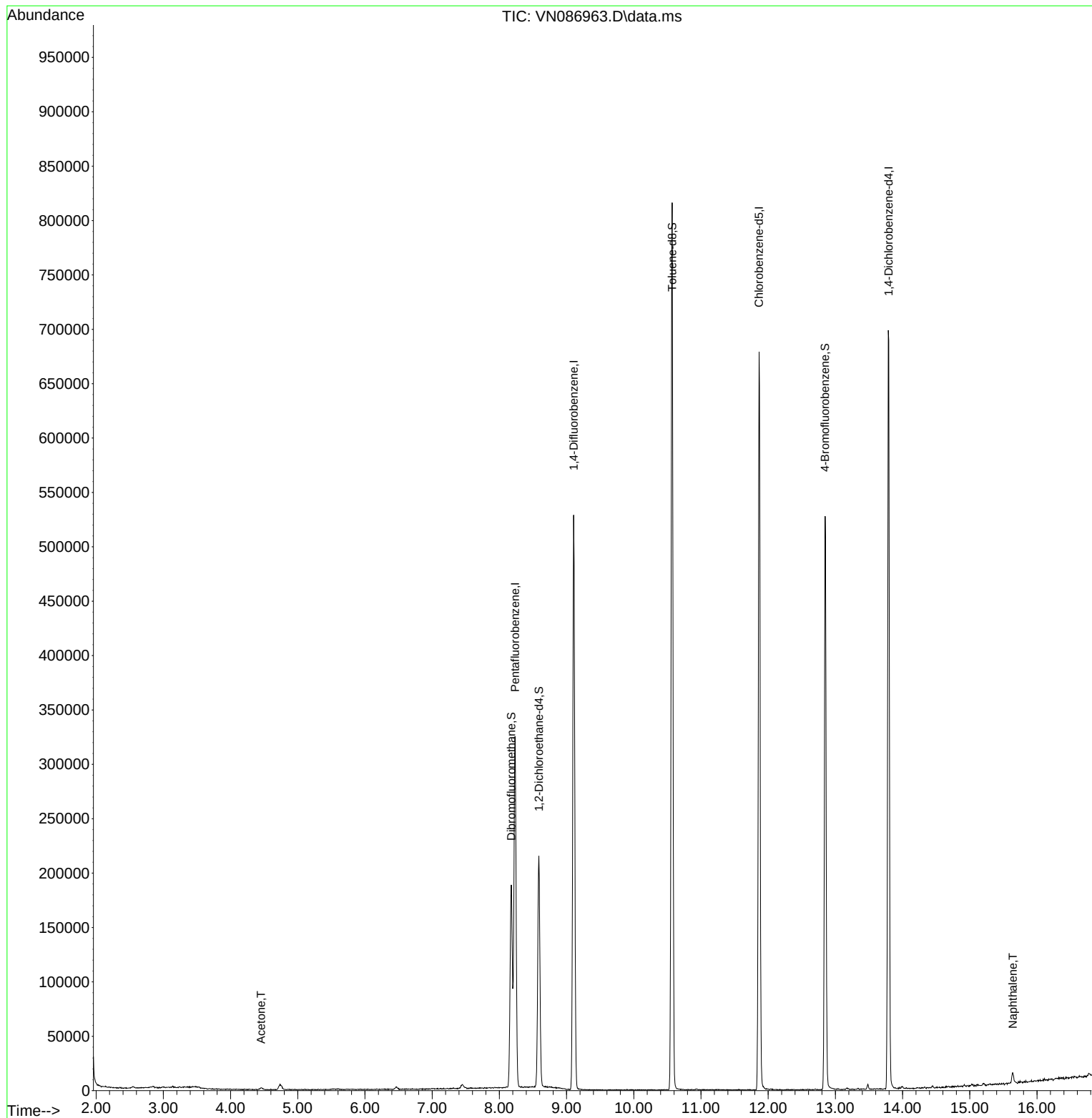
Internal Standards						
1) Pentafluorobenzene	8.235	168	255804	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	486937	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	433933	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	173262	50.588	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.180%	
35) Dibromofluoromethane	8.177	113	146437	50.746	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.500%	
50) Toluene-d8	10.571	98	592829	51.894	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.780%	
62) 4-Bromofluorobenzene	12.847	95	212200	49.997	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.000%	
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	3409	1.877	ug/l #	82
95) Naphthalene	15.641	128	10758	0.691	ug/l	99

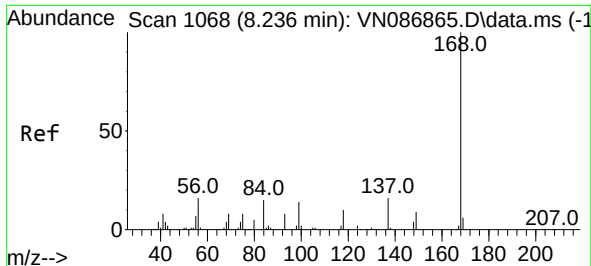
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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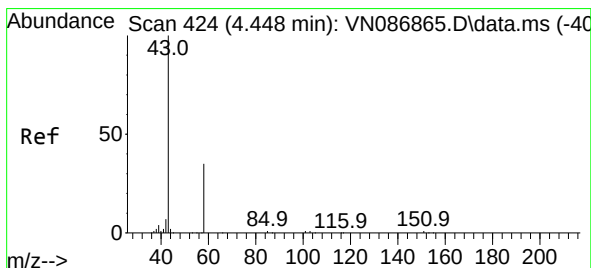
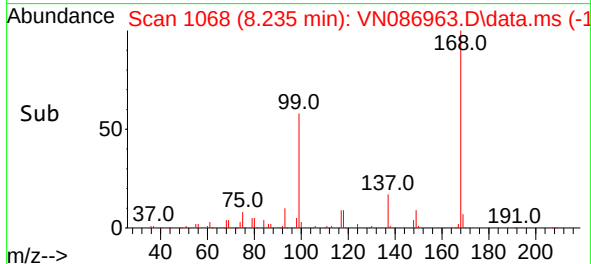
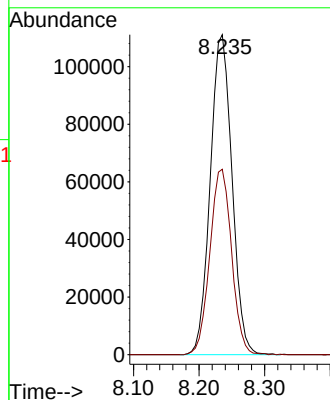
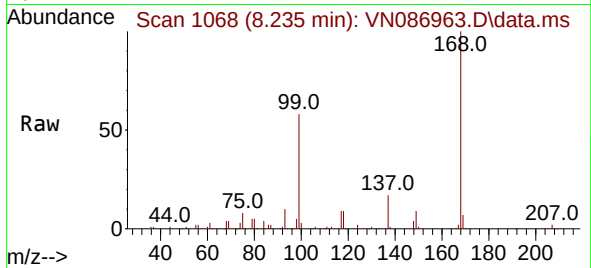




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086963.D
Acq: 11 Jun 2025 20:39

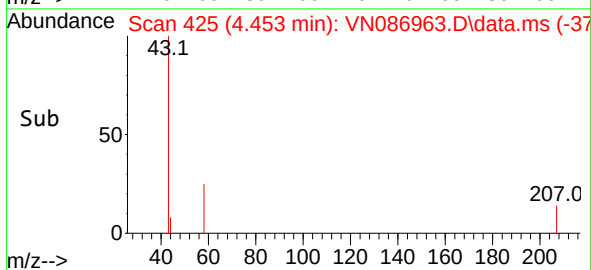
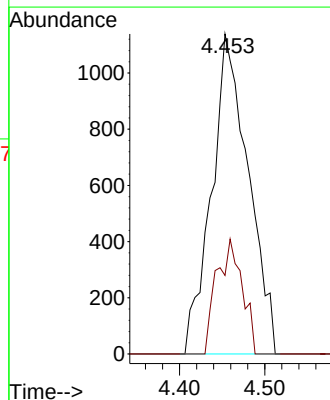
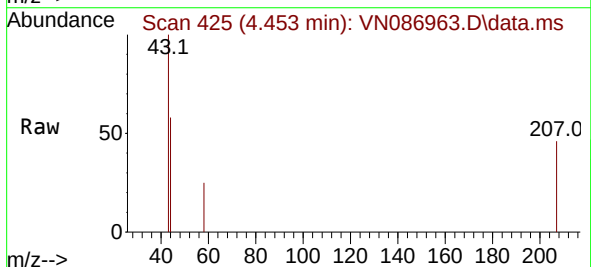
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20250606

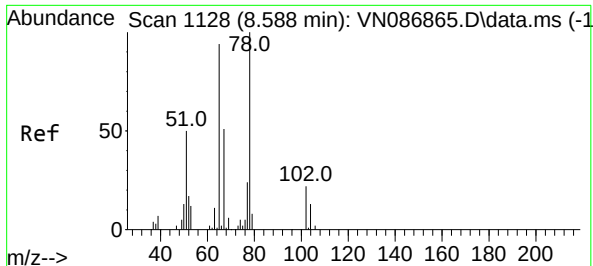
Tgt Ion:168 Resp: 255804
Ion Ratio Lower Upper
168 100
99 58.0 49.1 73.7



#16
Acetone
Concen: 1.877 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN086963.D
Acq: 11 Jun 2025 20:39

Tgt Ion: 43 Resp: 3409
Ion Ratio Lower Upper
43 100
58 24.6 28.0 42.0#

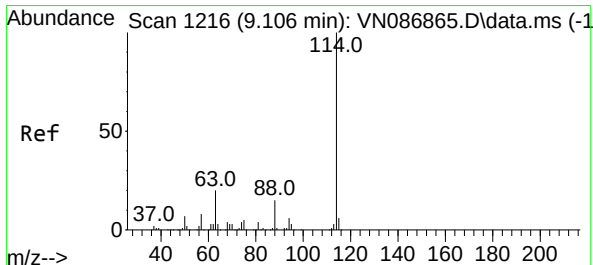
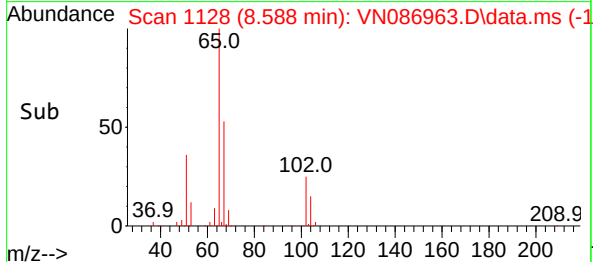
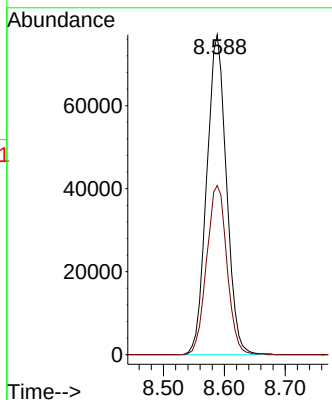
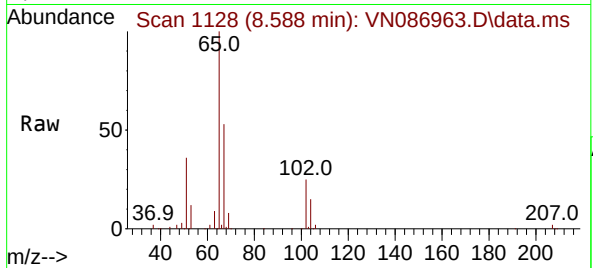




#33
 1,2-Dichloroethane-d4
 Concen: 50.588 ug/l
 RT: 8.588 min Scan# 1128
 Delta R.T. -0.000 min
 Lab File: VN086963.D
 Acq: 11 Jun 2025 20:39

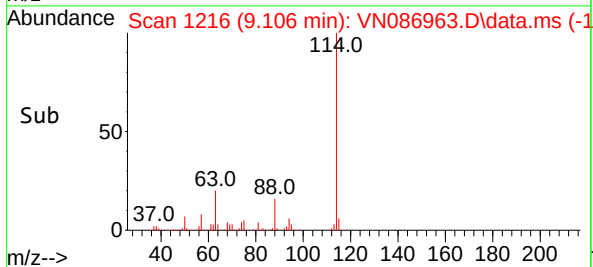
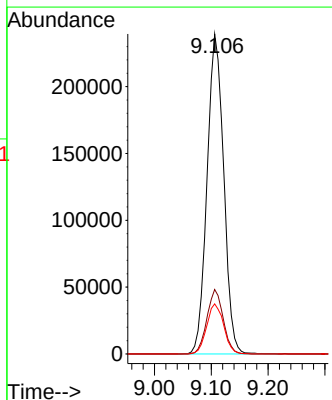
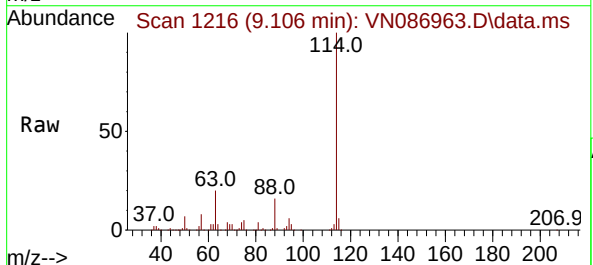
Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D3-20250606

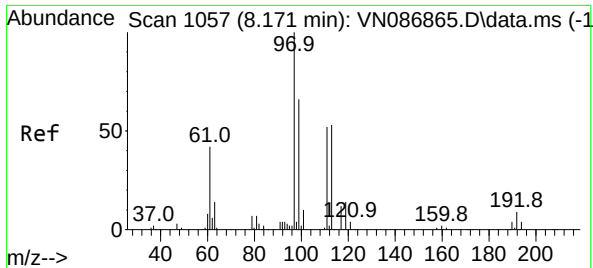
Tgt Ion: 65 Resp: 173262
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN086963.D
 Acq: 11 Jun 2025 20:39

Tgt Ion: 114 Resp: 486937
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.7 0.0 30.2

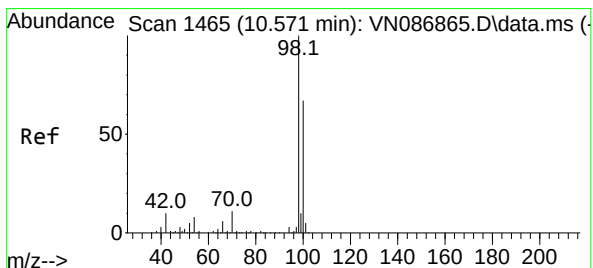
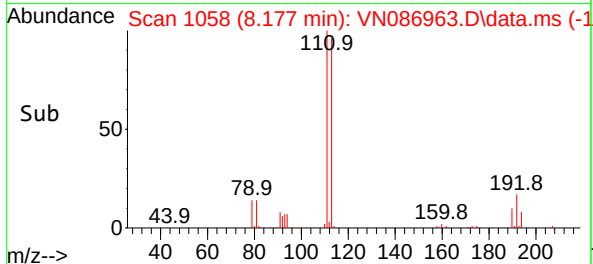
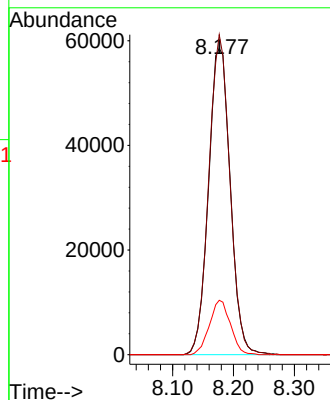
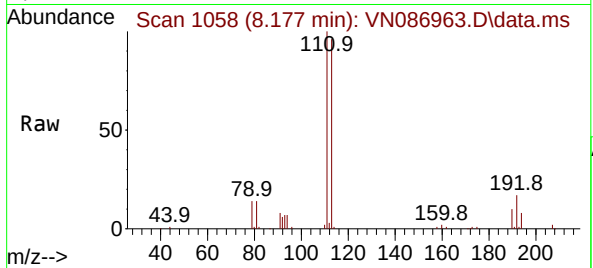




#35
 Dibromofluoromethane
 Concen: 50.746 ug/l
 RT: 8.177 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN086963.D
 Acq: 11 Jun 2025 20:39

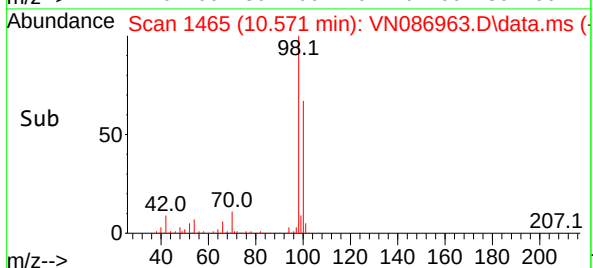
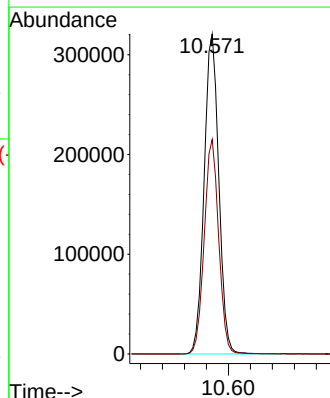
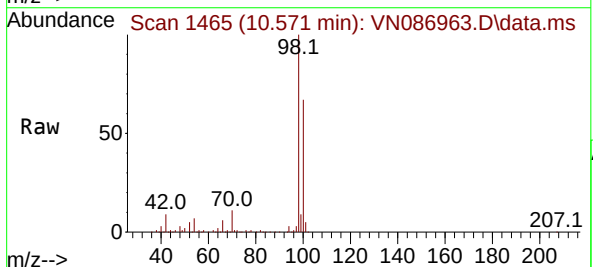
Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D3-20250606

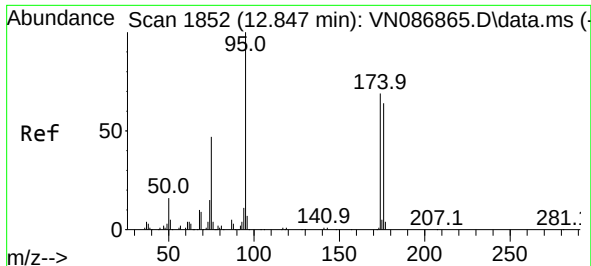
Tgt Ion:113 Resp: 146437
 Ion Ratio Lower Upper
 113 100
 111 100.8 84.2 126.2
 192 17.0 14.2 21.4



#50
 Toluene-d8
 Concen: 51.894 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. -0.000 min
 Lab File: VN086963.D
 Acq: 11 Jun 2025 20:39

Tgt Ion: 98 Resp: 592829
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.4 80.0

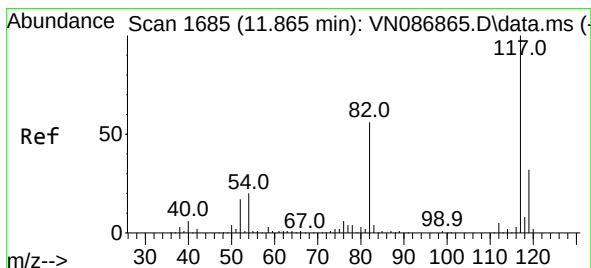
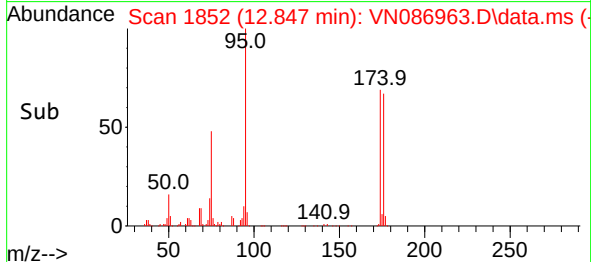
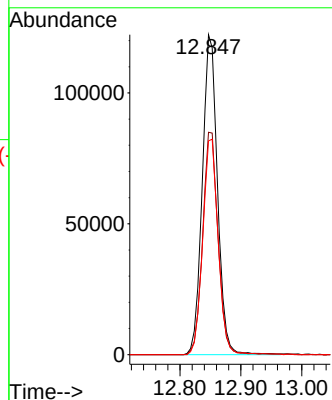
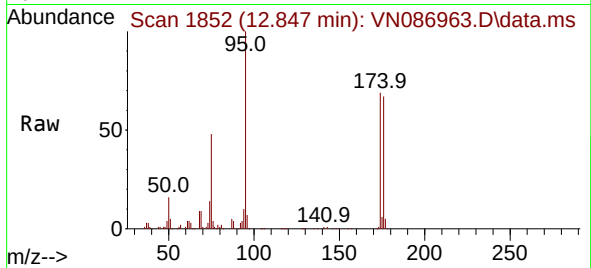




#62
4-Bromofluorobenzene
Concen: 49.997 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086963.D
Acq: 11 Jun 2025 20:39

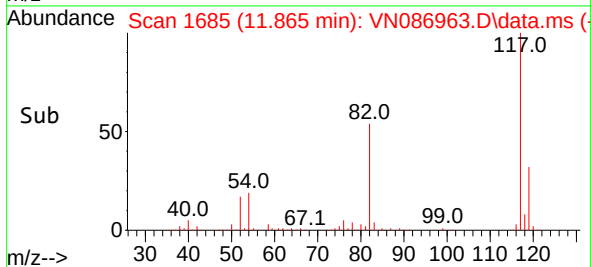
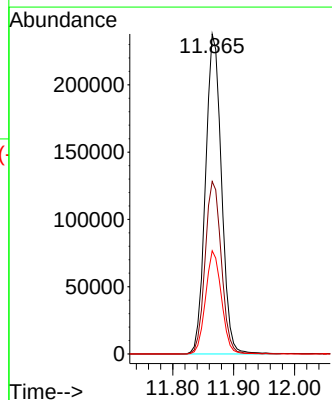
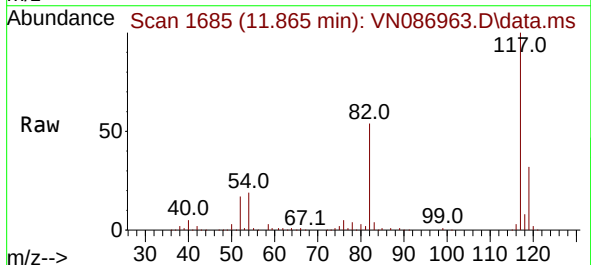
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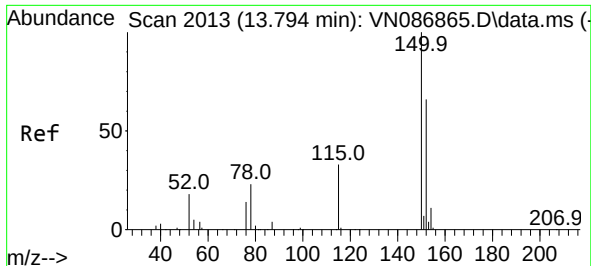
Tgt Ion:	95	Resp:	212200
Ion	Ratio	Lower	Upper
95	100		
174	70.4	0.0	141.8
176	68.6	0.0	132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086963.D
Acq: 11 Jun 2025 20:39

Tgt Ion:	117	Resp:	433933
Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.6	67.0
119	32.3	25.5	38.3

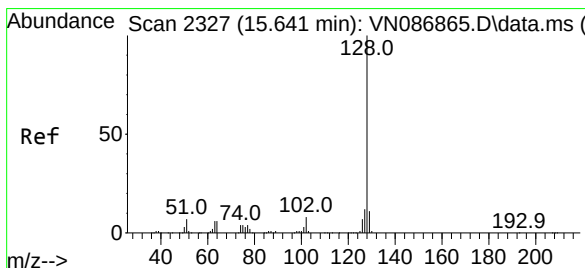
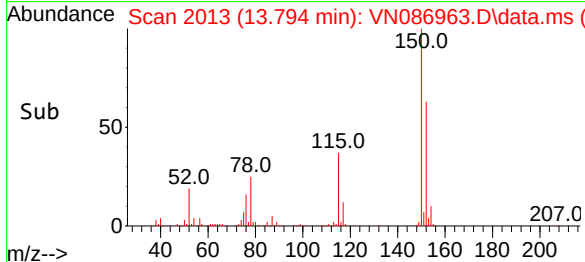
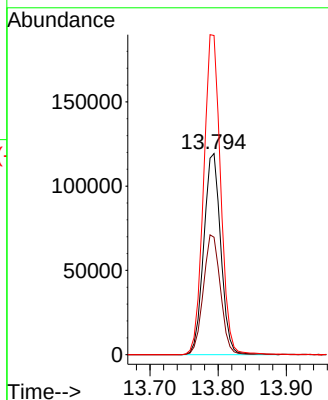
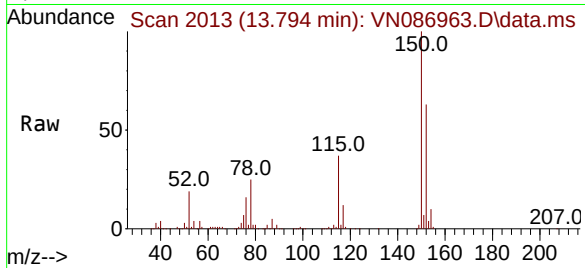




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086963.D
Acq: 11 Jun 2025 20:39

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D3-20250606

Tgt Ion:152 Resp: 207409
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.5
150 158.7 0.0 345.0



#95
Naphthalene
Concen: 0.691 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN086963.D
Acq: 11 Jun 2025 20:39

Tgt Ion:128 Resp: 10758
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.2
129 10.7 8.8 13.2

