

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087069.D
 Acq On : 17 Jun 2025 18:39
 Operator : JC\MD
 Sample : Q2299-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D1-20250609

Quant Time: Jun 18 01:53:01 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)

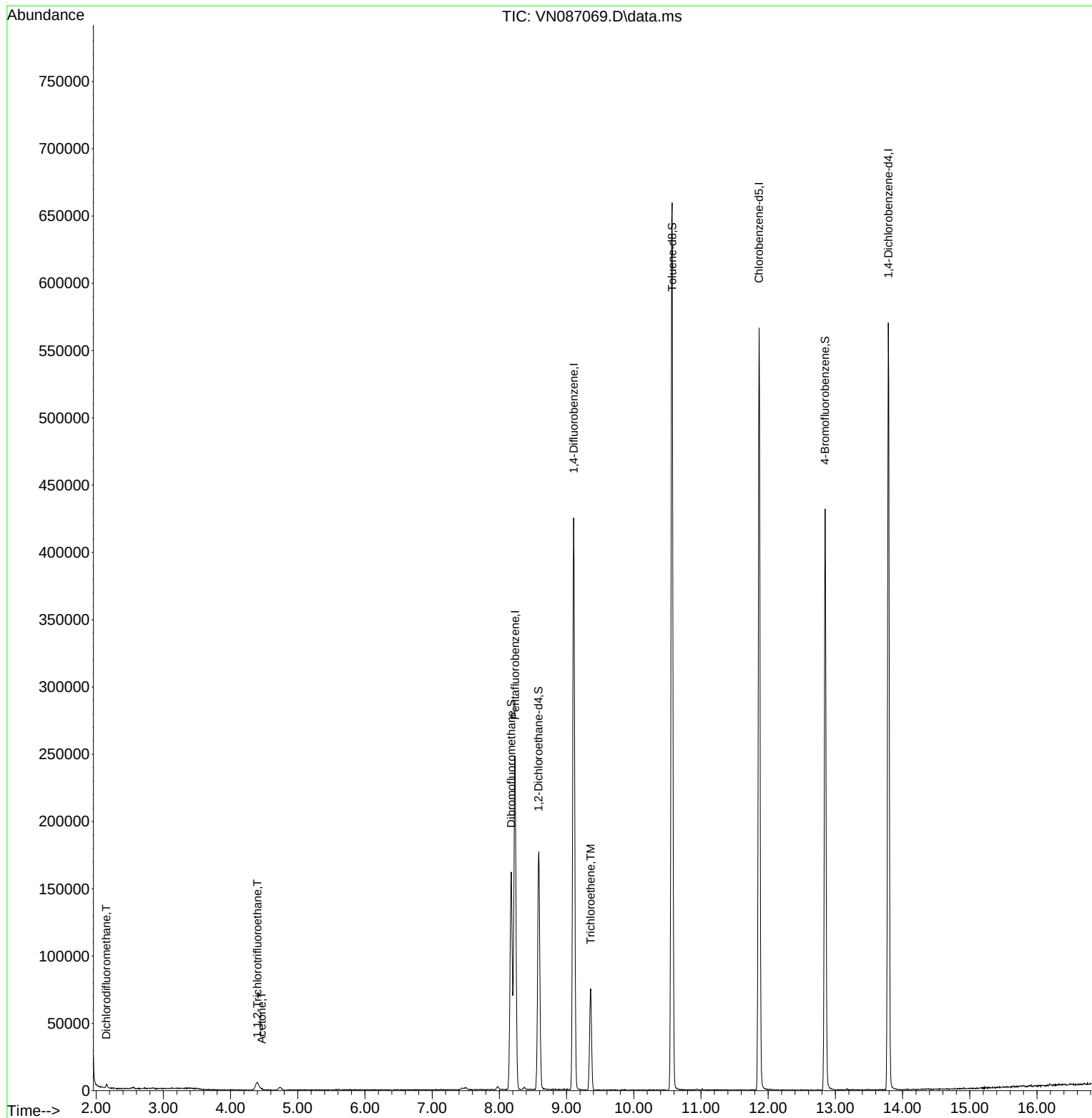
Internal Standards						
1) Pentafluorobenzene	8.236	168	195470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	400684	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	360806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	171664	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	144743	55.306	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.620%
35) Dibromofluoromethane	8.177	113	122976	51.789	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.580%
50) Toluene-d8	10.571	98	490560	52.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.380%
62) 4-Bromofluorobenzene	12.847	95	171525	49.113	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.220%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.154	85	2275	1.167	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.400	101	4399	2.064	ug/l	99
16) Acetone	4.465	43	1737	1.252	ug/l	89
44) Trichloroethene	9.359	130	30562	11.140	ug/l	87

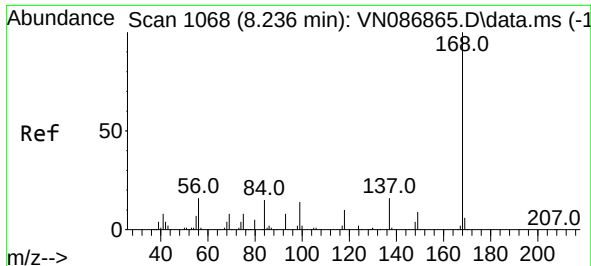
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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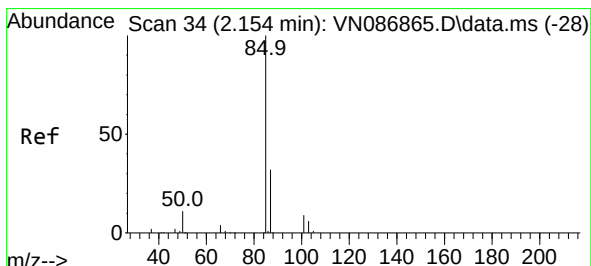
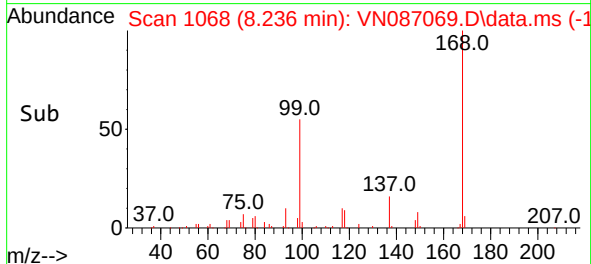
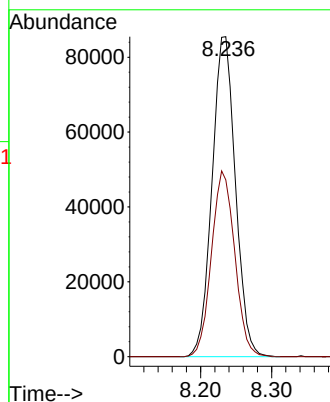
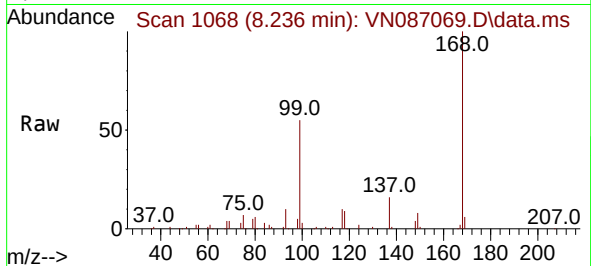




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN087069.D
Acq: 17 Jun 2025 18:39

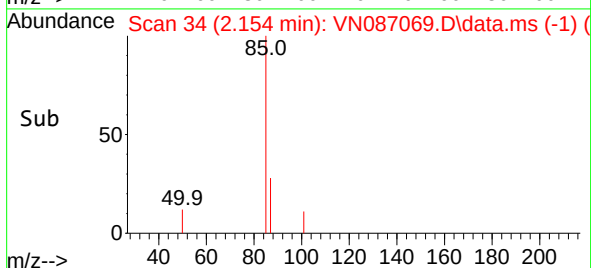
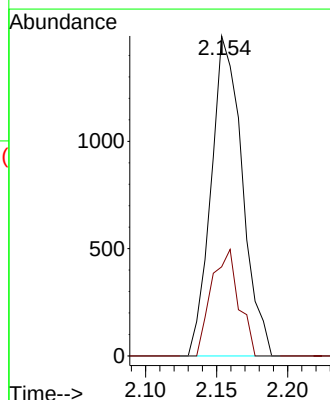
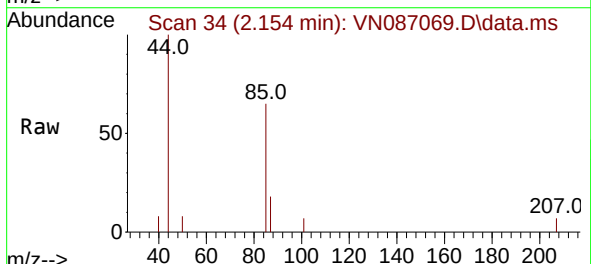
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609

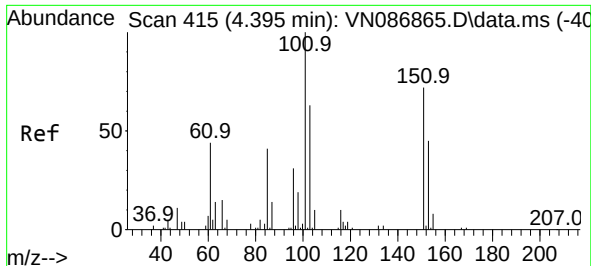
Tgt Ion:168 Resp: 195470
Ion Ratio Lower Upper
168 100
99 55.2 49.1 73.7



#2
Dichlorodifluoromethane
Concen: 1.167 ug/l
RT: 2.154 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN087069.D
Acq: 17 Jun 2025 18:39

Tgt Ion: 85 Resp: 2275
Ion Ratio Lower Upper
85 100
87 27.8 16.2 48.6

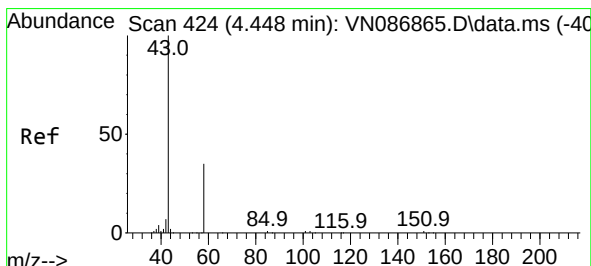
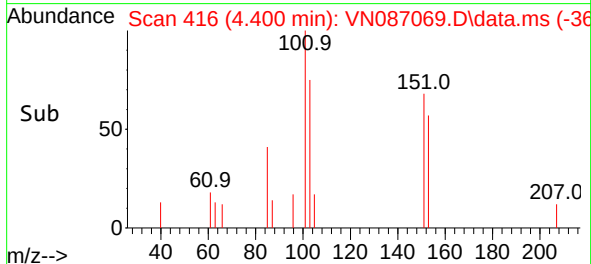
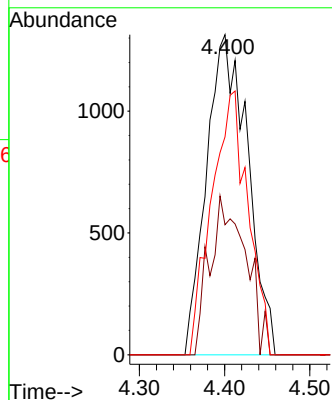
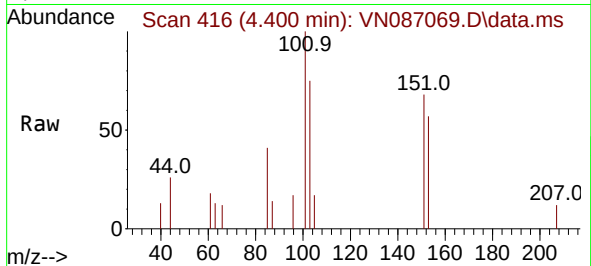




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.064 ug/l
RT: 4.400 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN087069.D
Acq: 17 Jun 2025 18:39

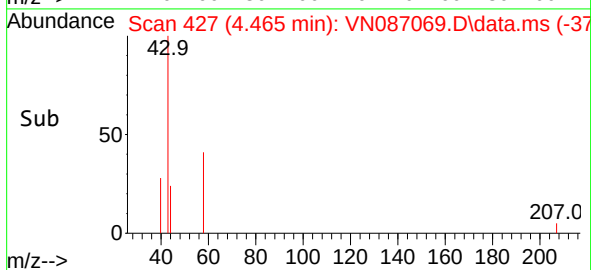
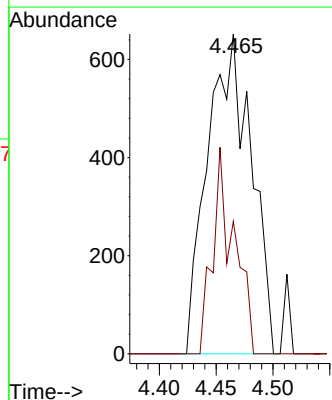
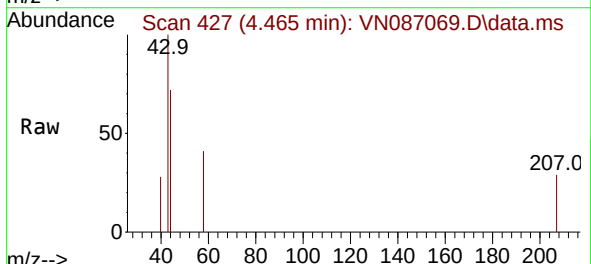
Instrument :
MSVOA_N
ClientSampleId :
TT191D1-20250609

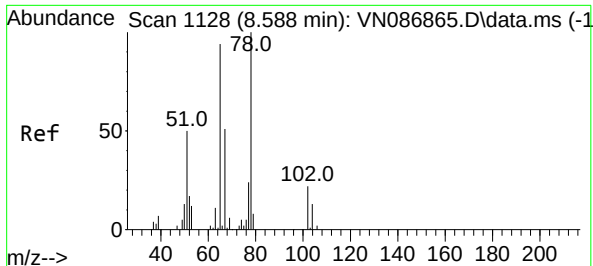
Tgt Ion:	101	Resp:	4399
Ion	Ratio	Lower	Upper
101	100		
85	43.6	33.8	50.8
151	73.1	58.7	88.1



#16
Acetone
Concen: 1.252 ug/l
RT: 4.465 min Scan# 427
Delta R.T. 0.018 min
Lab File: VN087069.D
Acq: 17 Jun 2025 18:39

Tgt Ion:	43	Resp:	1737
Ion	Ratio	Lower	Upper
43	100		
58	41.4	28.0	42.0





#33

1,2-Dichloroethane-d4

Concen: 55.306 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087069.D

Acq: 17 Jun 2025 18:39

Instrument :

MSVOA_N

ClientSampleId :

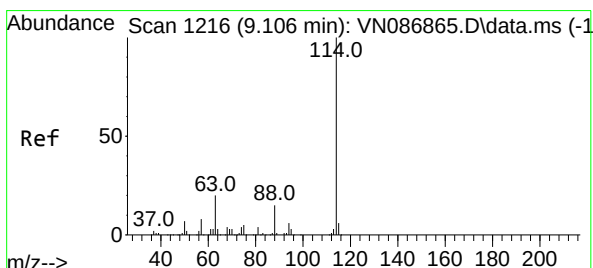
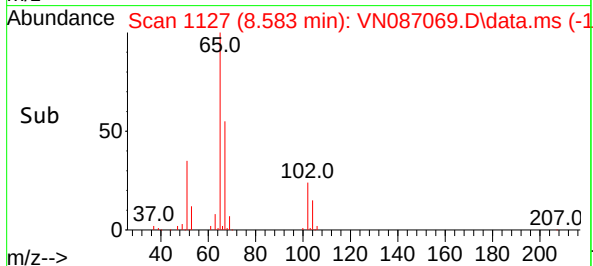
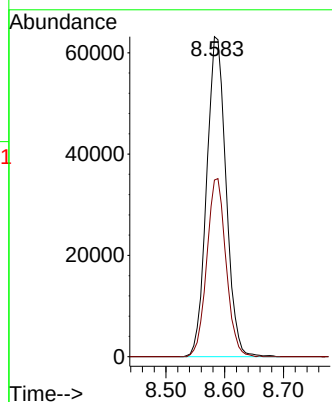
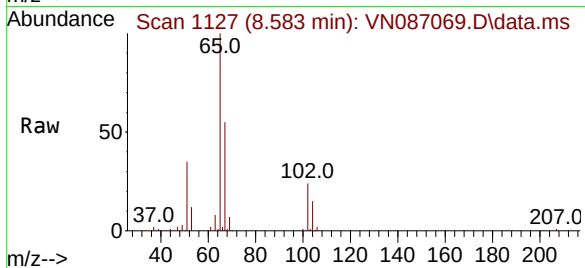
TT191D1-20250609

Tgt Ion: 65 Resp: 144743

Ion Ratio Lower Upper

65 100

67 55.2 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: VN087069.D

Acq: 17 Jun 2025 18:39

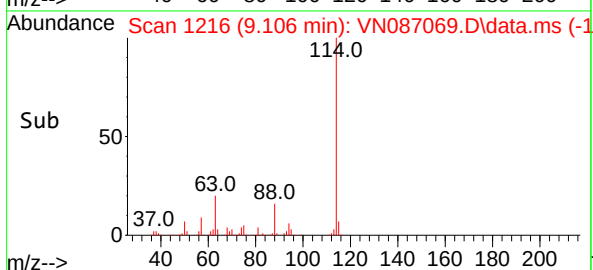
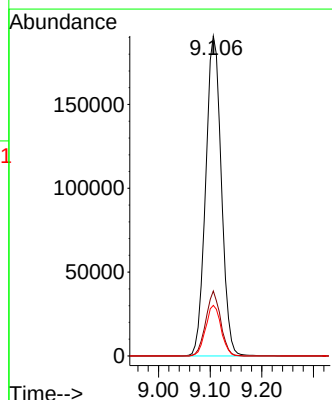
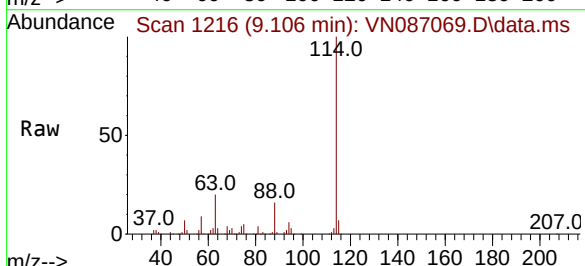
Tgt Ion: 114 Resp: 400684

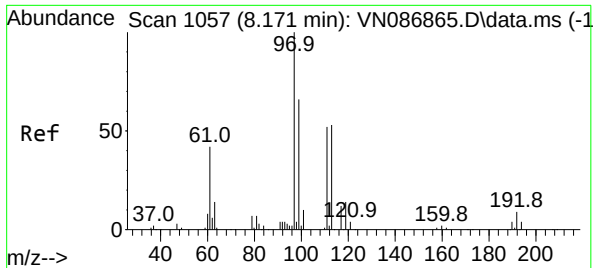
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.6

88 15.8 0.0 30.2

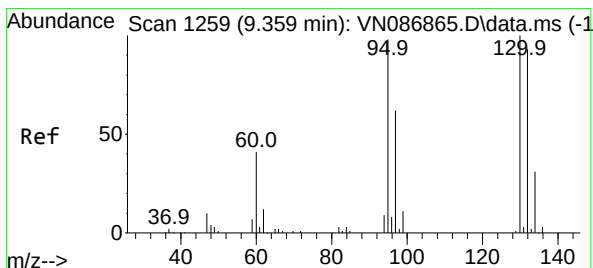
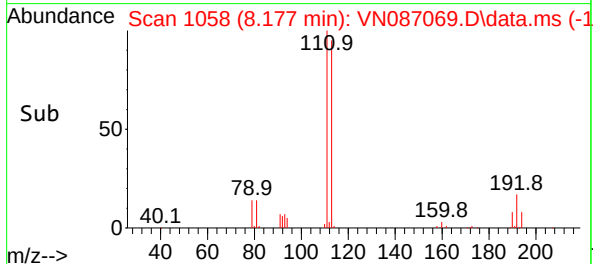
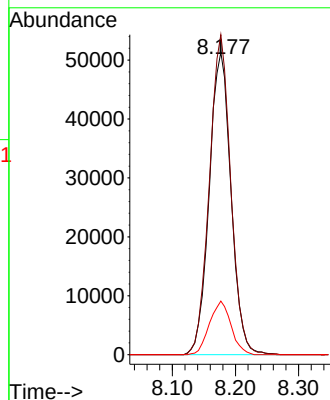
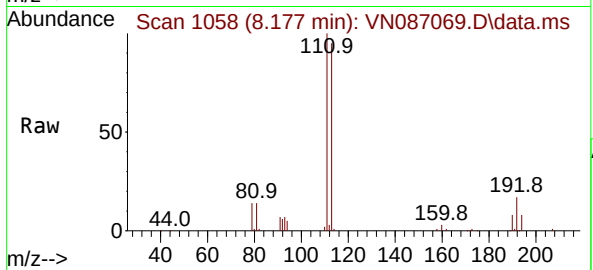




#35
 Dibromofluoromethane
 Concen: 51.789 ug/l
 RT: 8.177 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VN087069.D
 Acq: 17 Jun 2025 18:39

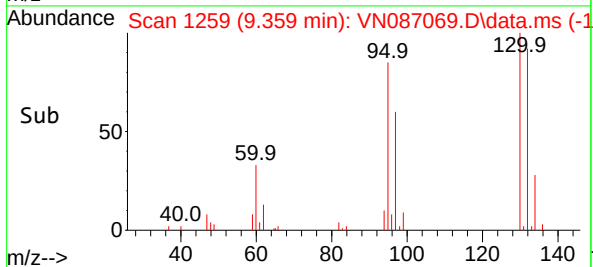
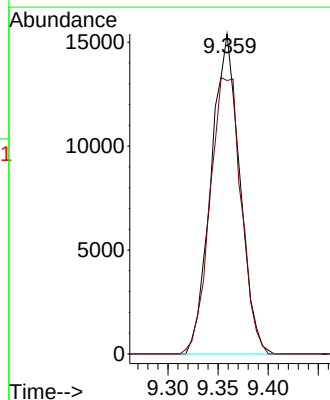
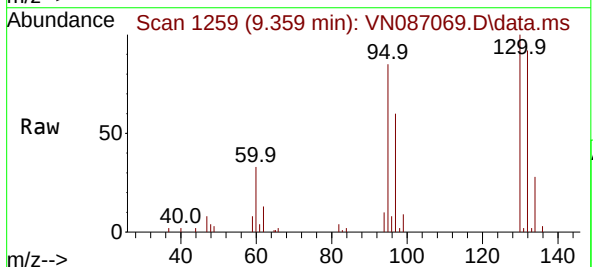
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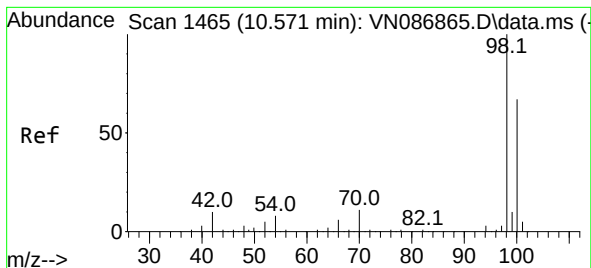
Tgt Ion:113 Resp: 122976
 Ion Ratio Lower Upper
 113 100
 111 103.9 84.2 126.2
 192 17.5 14.2 21.4



#44
 Trichloroethene
 Concen: 11.140 ug/l
 RT: 9.359 min Scan# 1259
 Delta R.T. -0.000 min
 Lab File: VN087069.D
 Acq: 17 Jun 2025 18:39

Tgt Ion:130 Resp: 30562
 Ion Ratio Lower Upper
 130 100
 95 85.5 0.0 196.2

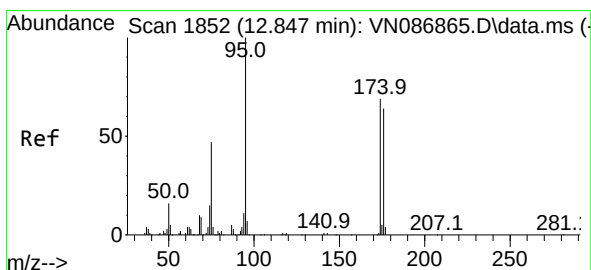
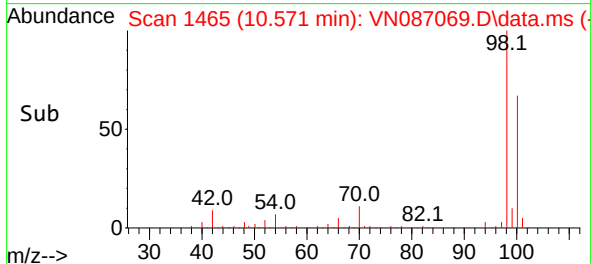
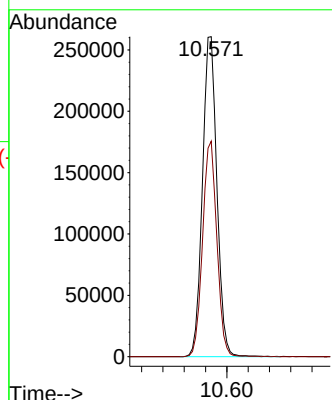
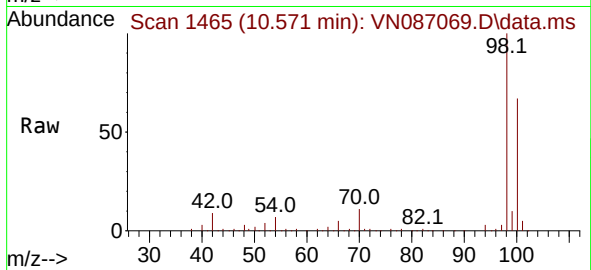




#50
Toluene-d8
Concen: 52.186 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087069.D
Acq: 17 Jun 2025 18:39

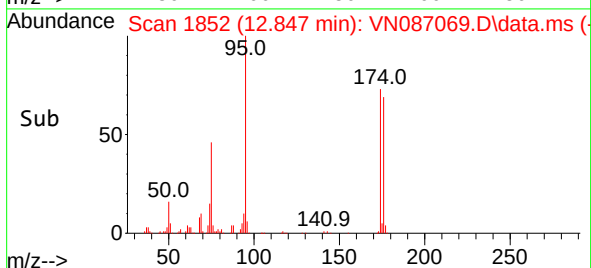
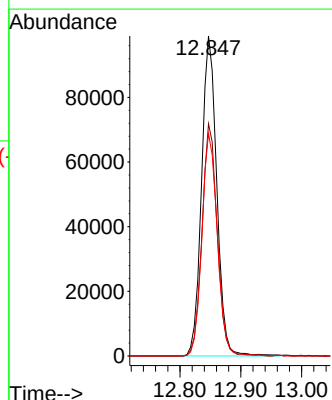
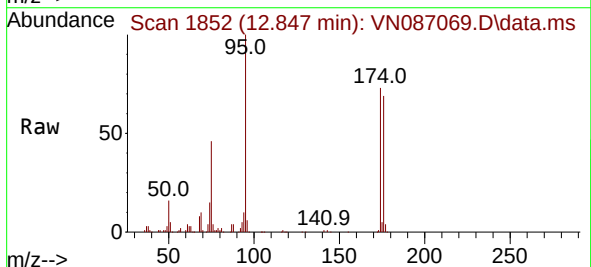
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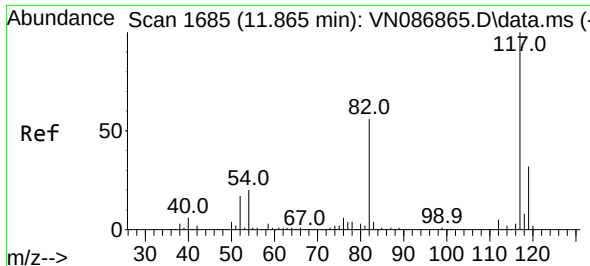
Tgt Ion: 98 Resp: 490560
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 49.113 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087069.D
Acq: 17 Jun 2025 18:39

Tgt Ion: 95 Resp: 171525
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.8
176 70.2 0.0 132.6

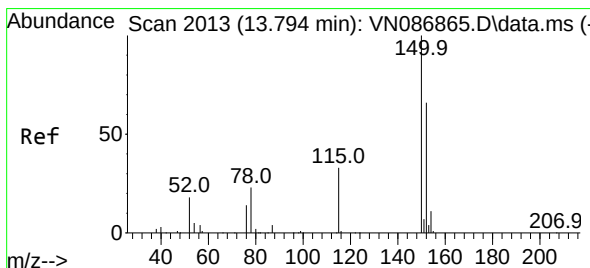
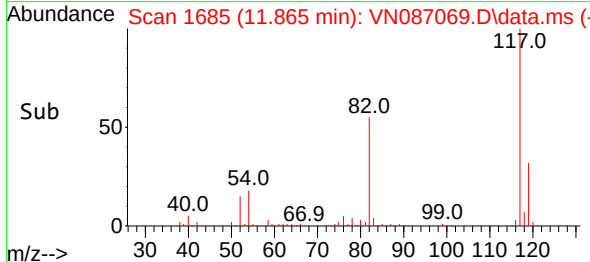
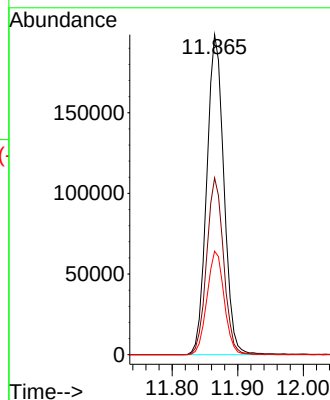
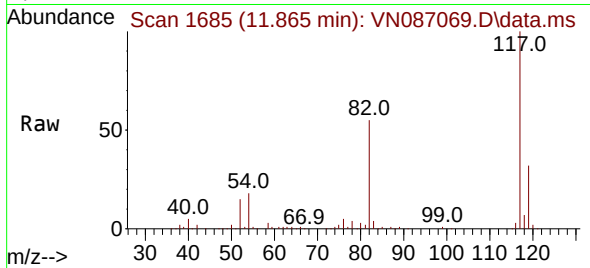




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087069.D
Acq: 17 Jun 2025 18:39

Instrument :
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Tgt Ion:117 Resp: 360806
Ion Ratio Lower Upper
117 100
82 55.3 44.6 67.0
119 32.3 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: VN087069.D
Acq: 17 Jun 2025 18:39

Tgt Ion:152 Resp: 171664
Ion Ratio Lower Upper
152 100
115 60.0 30.1 90.5
150 156.2 0.0 345.0

