

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061625\
 Data File : VN087024.D
 Acq On : 16 Jun 2025 12:43
 Operator : JC\MD
 Sample : Q2299-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D2-20250609

Quant Time: Jun 17 07:21:37 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)

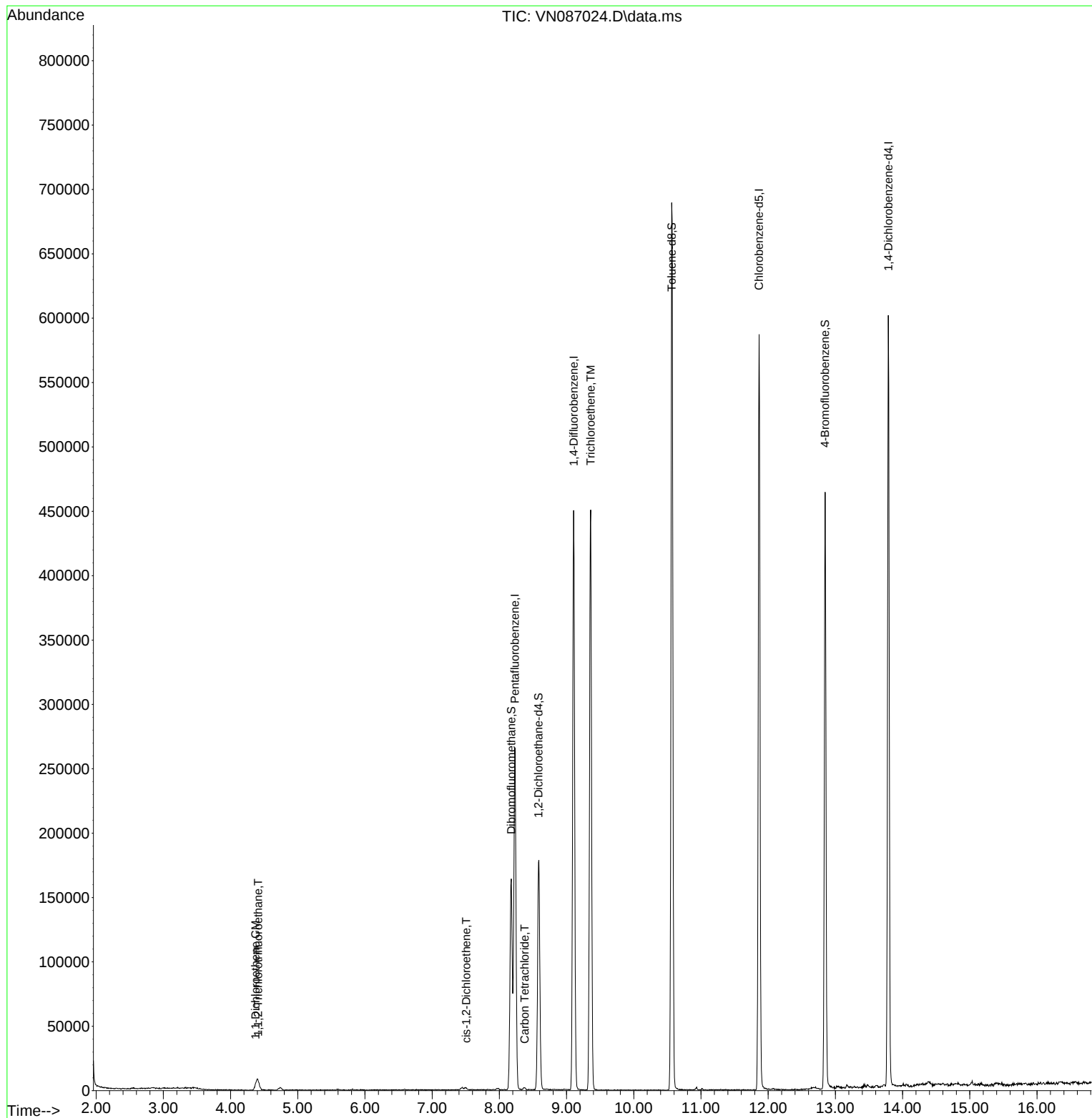
Internal Standards						
1) Pentafluorobenzene	8.230	168	210130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	419506	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	373250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	177105	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	149231	53.043	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.080%	
35) Dibromofluoromethane	8.177	113	127825	51.416	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	10.565	98	513664	52.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.847	95	184236	50.386	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.780%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.412	101	7016	3.063	ug/l	96
12) 1,1-Dichloroethene	4.371	96	1707	0.730	ug/l #	94
27) cis-1,2-Dichloroethene	7.506	96	1276	0.410	ug/l	80
38) Carbon Tetrachloride	8.377	117	1227	0.337	ug/l	91
44) Trichloroethene	9.359	130	183196	63.777	ug/l	99

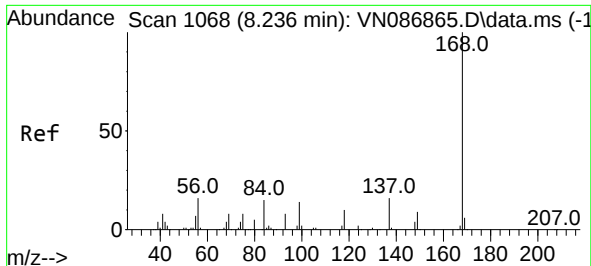
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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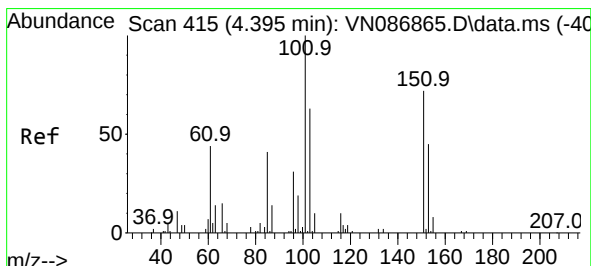
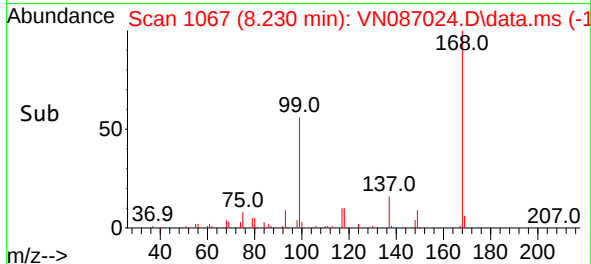
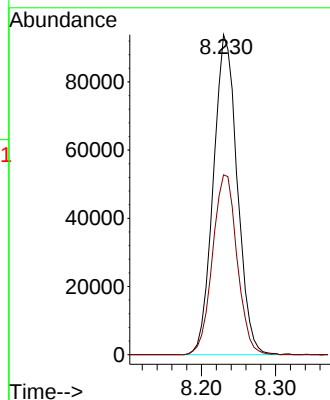
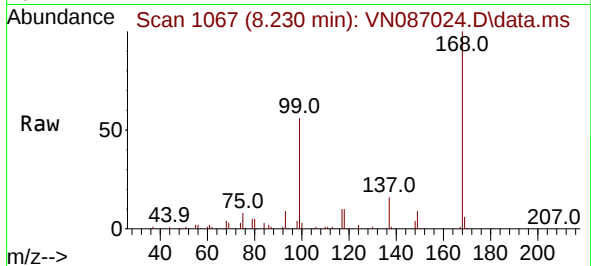




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

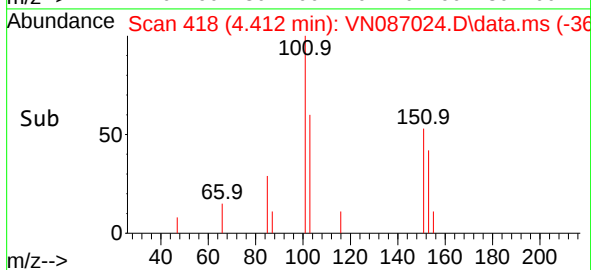
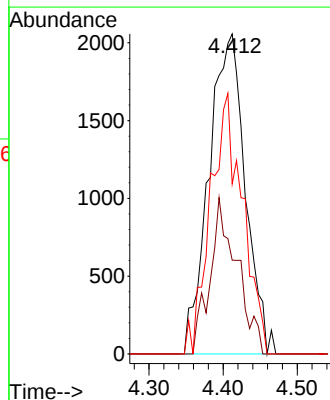
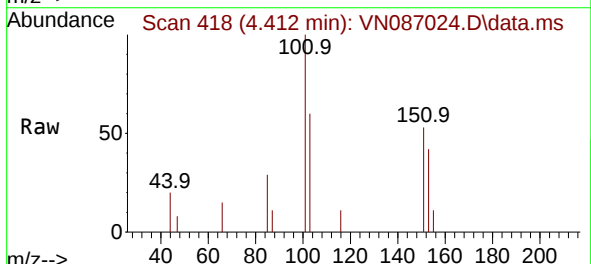
Instrument :
MSVOA_N
ClientSampleId :
TT191D2-20250609

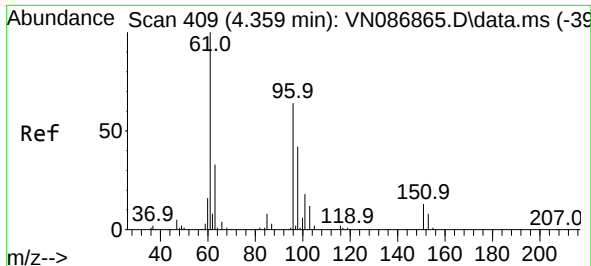
Tgt Ion:168 Resp: 210130
Ion Ratio Lower Upper
168 100
99 56.2 49.1 73.7



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.063 ug/l
RT: 4.412 min Scan# 418
Delta R.T. 0.018 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

Tgt Ion:101 Resp: 7016
Ion Ratio Lower Upper
101 100
85 36.4 33.8 50.8
151 72.1 58.7 88.1

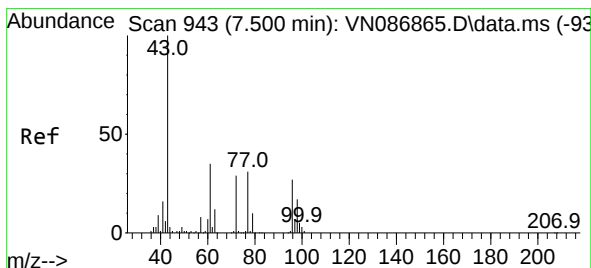
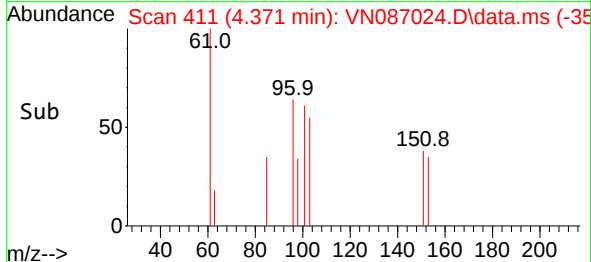
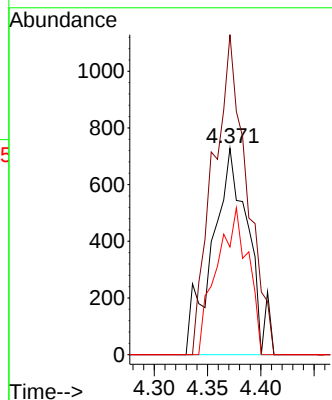
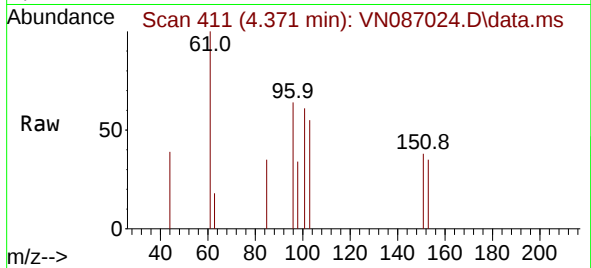




#12
 1,1-Dichloroethene
 Concen: 0.730 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. 0.012 min
 Lab File: VN087024.D
 Acq: 16 Jun 2025 12:43

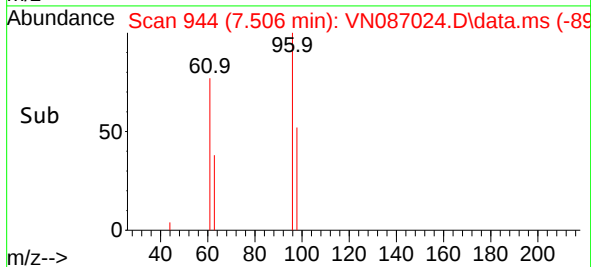
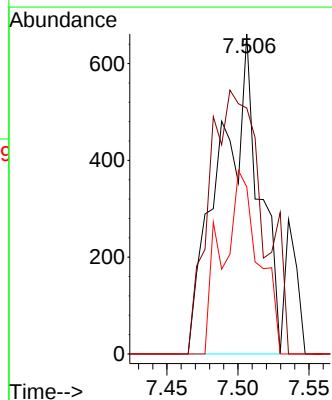
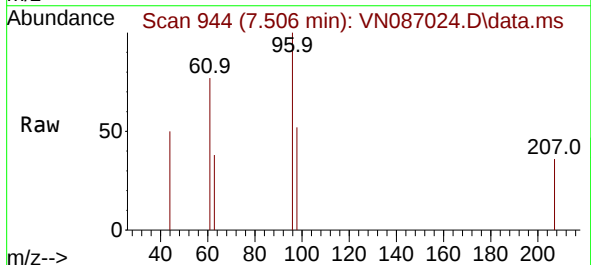
Instrument :
 MSVOA_N
 ClientSampleId :
 TT191D2-20250609

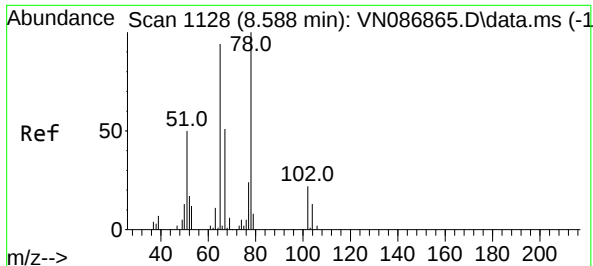
Tgt Ion: 96 Resp: 1707
 Ion Ratio Lower Upper
 96 100
 61 155.1 125.8 188.6
 98 52.2 52.5 78.7#



#27
 cis-1,2-Dichloroethene
 Concen: 0.410 ug/l
 RT: 7.506 min Scan# 944
 Delta R.T. 0.006 min
 Lab File: VN087024.D
 Acq: 16 Jun 2025 12:43

Tgt Ion: 96 Resp: 1276
 Ion Ratio Lower Upper
 96 100
 61 111.6 0.0 278.0
 98 53.1 0.0 128.2





#33

1,2-Dichloroethane-d4

Concen: 53.043 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087024.D

Acq: 16 Jun 2025 12:43

Instrument :

MSVOA_N

ClientSampleId :

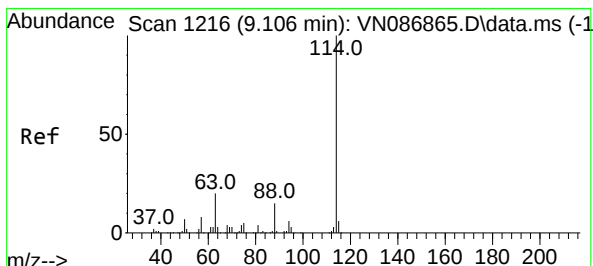
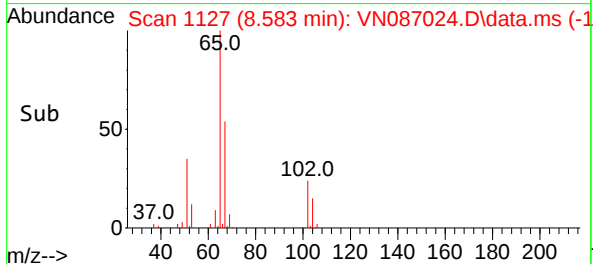
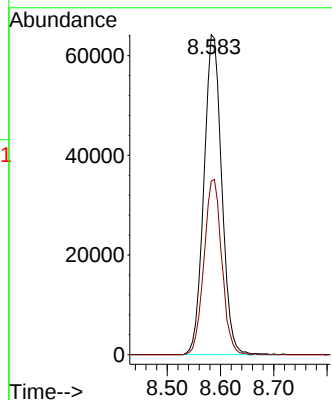
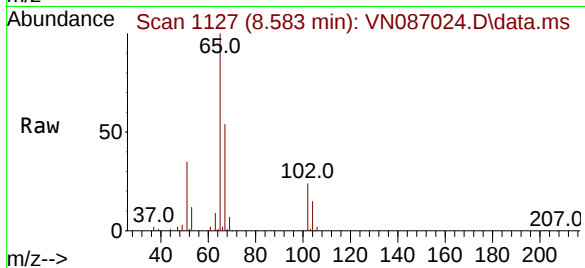
TT191D2-20250609

Tgt Ion: 65 Resp: 149231

Ion Ratio Lower Upper

65 100

67 54.6 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: VN087024.D

Acq: 16 Jun 2025 12:43

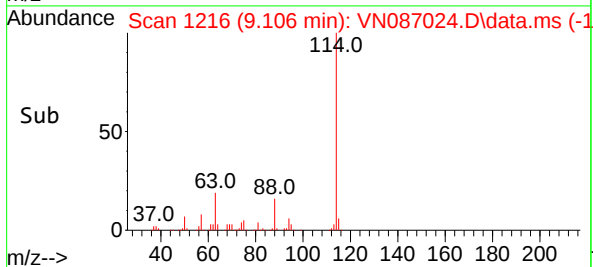
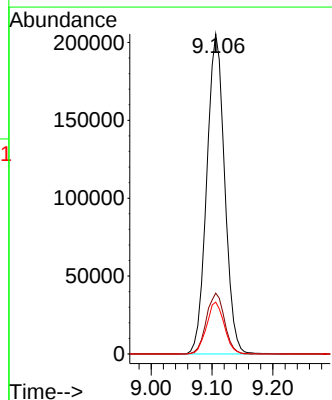
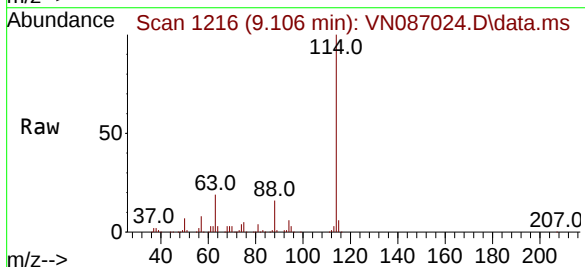
Tgt Ion: 114 Resp: 419506

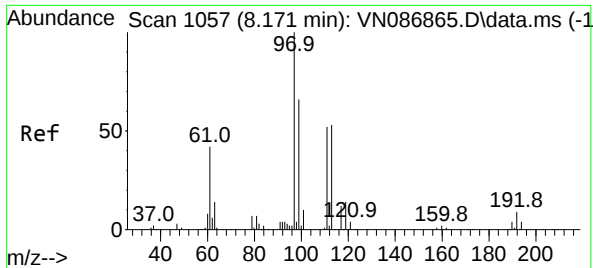
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.6

88 16.2 0.0 30.2

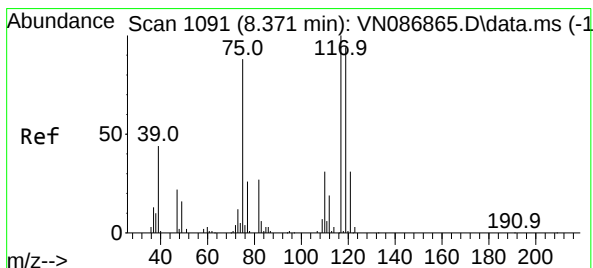
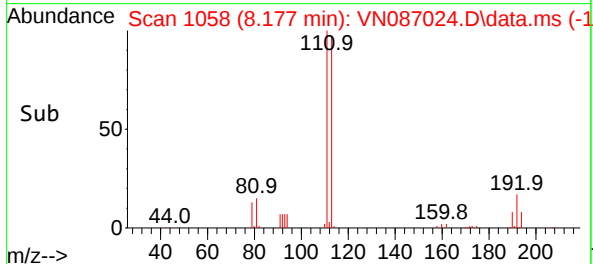
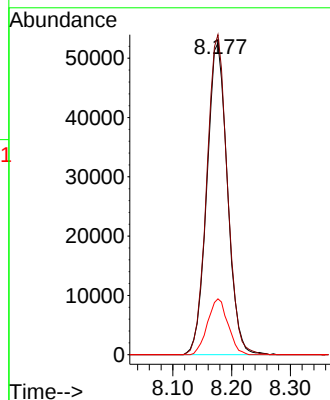
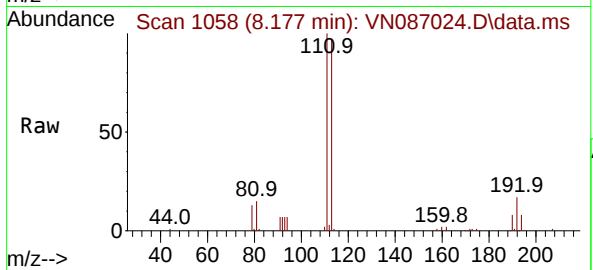




#35
Dibromofluoromethane
Concen: 51.416 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

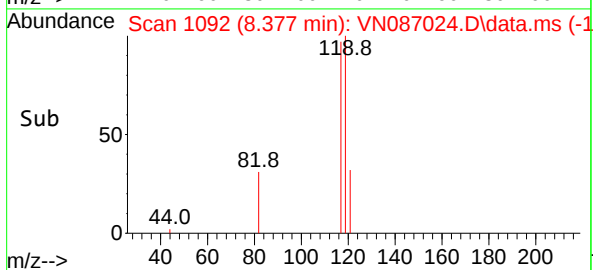
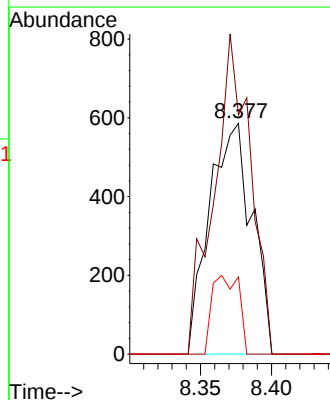
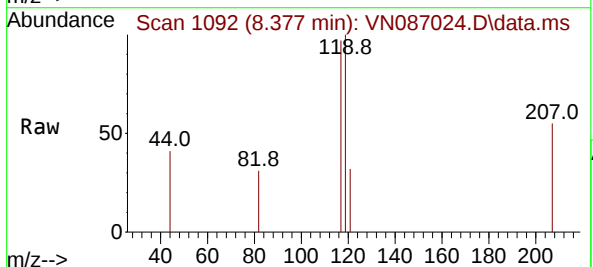
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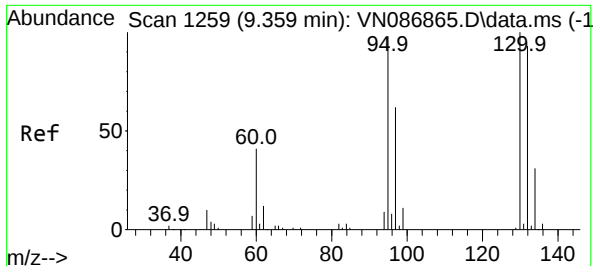
Tgt Ion:113 Resp: 127825
Ion Ratio Lower Upper
113 100
111 102.3 84.2 126.2
192 17.8 14.2 21.4



#38
Carbon Tetrachloride
Concen: 0.337 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

Tgt Ion:117 Resp: 1227
Ion Ratio Lower Upper
117 100
119 103.6 75.0 112.6
121 33.4 24.9 37.3

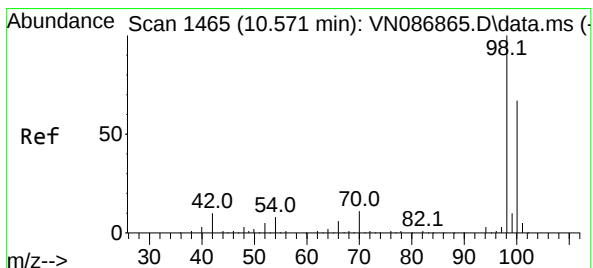
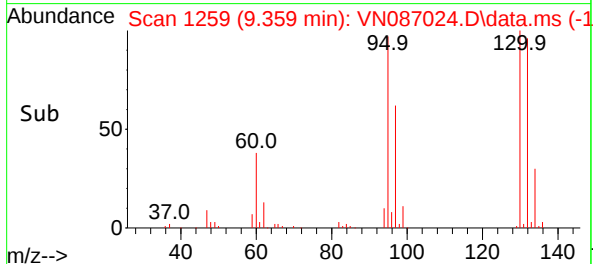
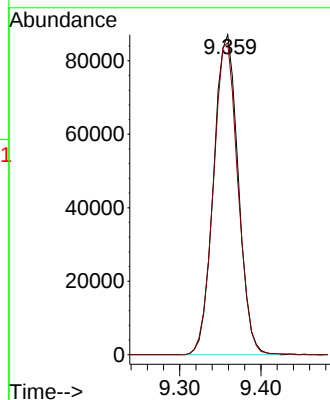
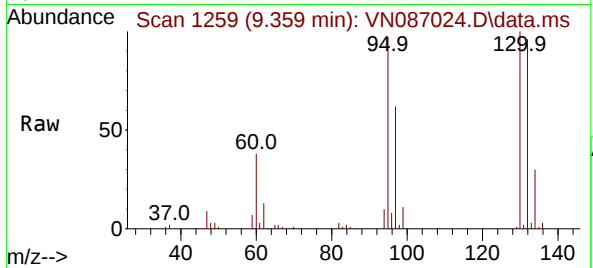




#44
Trichloroethene
Concen: 63.777 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

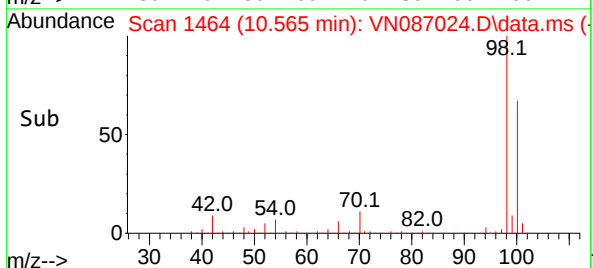
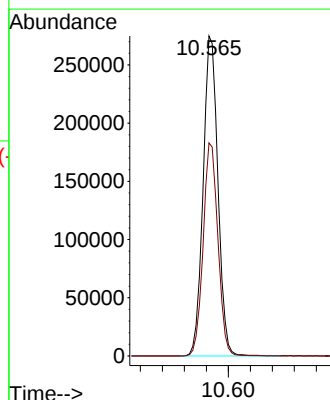
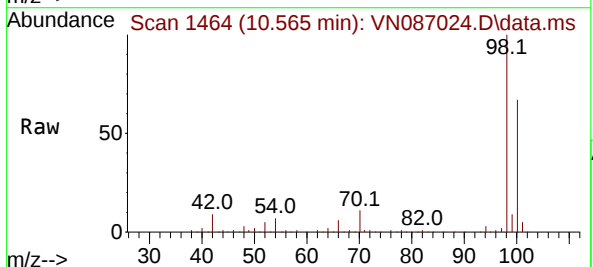
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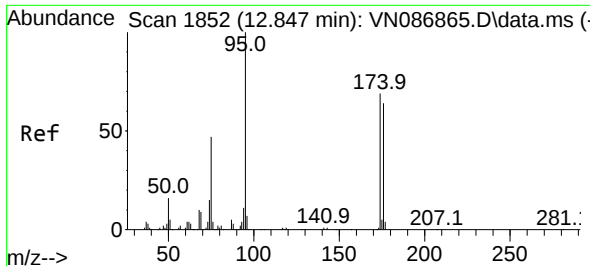
Tgt Ion:130 Resp: 183196
Ion Ratio Lower Upper
130 100
95 97.5 0.0 196.2



#50
Toluene-d8
Concen: 52.192 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

Tgt Ion: 98 Resp: 513664
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0

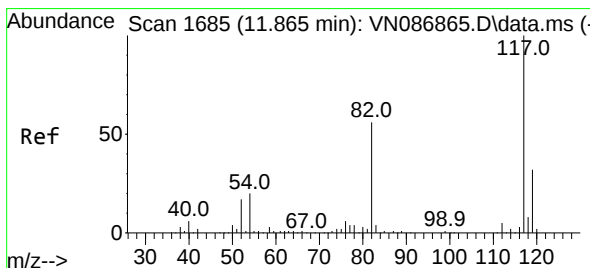
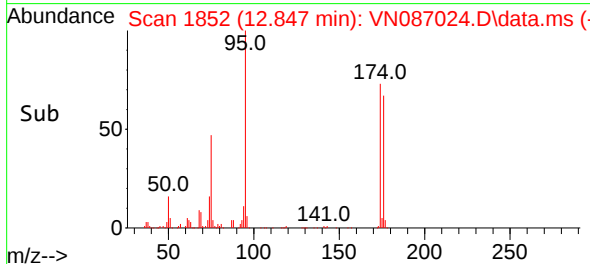
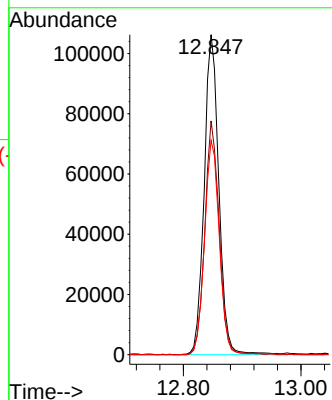
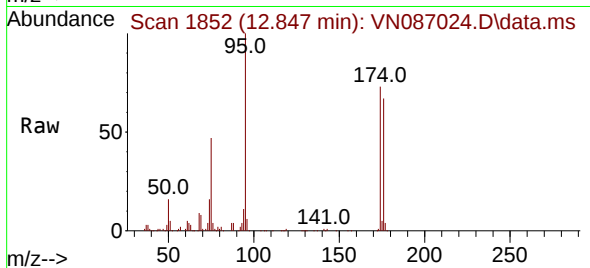




#62
4-Bromofluorobenzene
Concen: 50.386 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

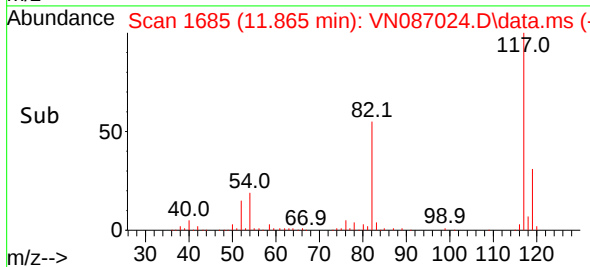
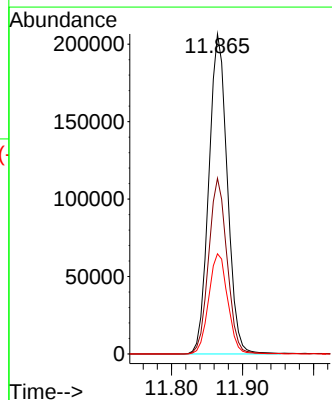
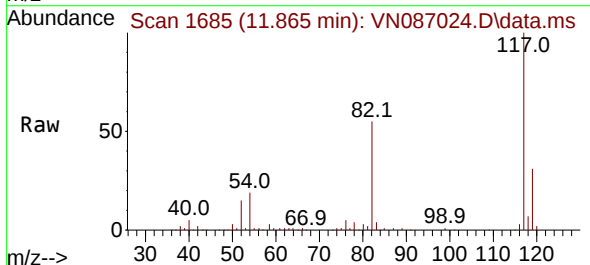
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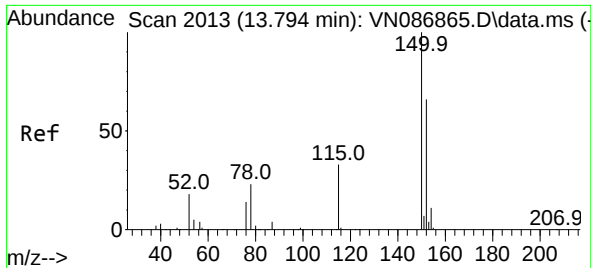
Tgt Ion: 95 Resp: 184236
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 67.1 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087024.D
Acq: 16 Jun 2025 12:43

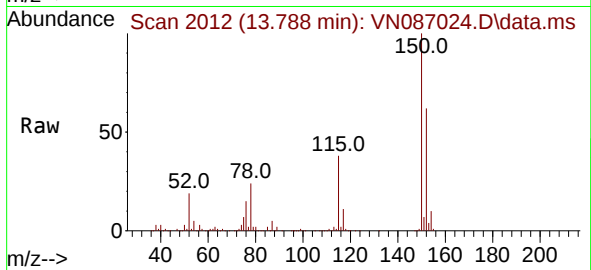
Tgt Ion: 117 Resp: 373250
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 31.3 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087024.D
 Acq: 16 Jun 2025 12:43

Instrument :
 MSVOA_N
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 TT191D2-20250609



Tgt Ion:152 Resp: 177105
 Ion Ratio Lower Upper
 152 100
 115 61.3 30.1 90.5
 150 159.7 0.0 345.0

