

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022125\
 Data File : VN085826.D
 Acq On : 22 Feb 2025 00:36
 Operator : JC\MD
 Sample : Q1405-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23-021425

Quant Time: Feb 22 02:46:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

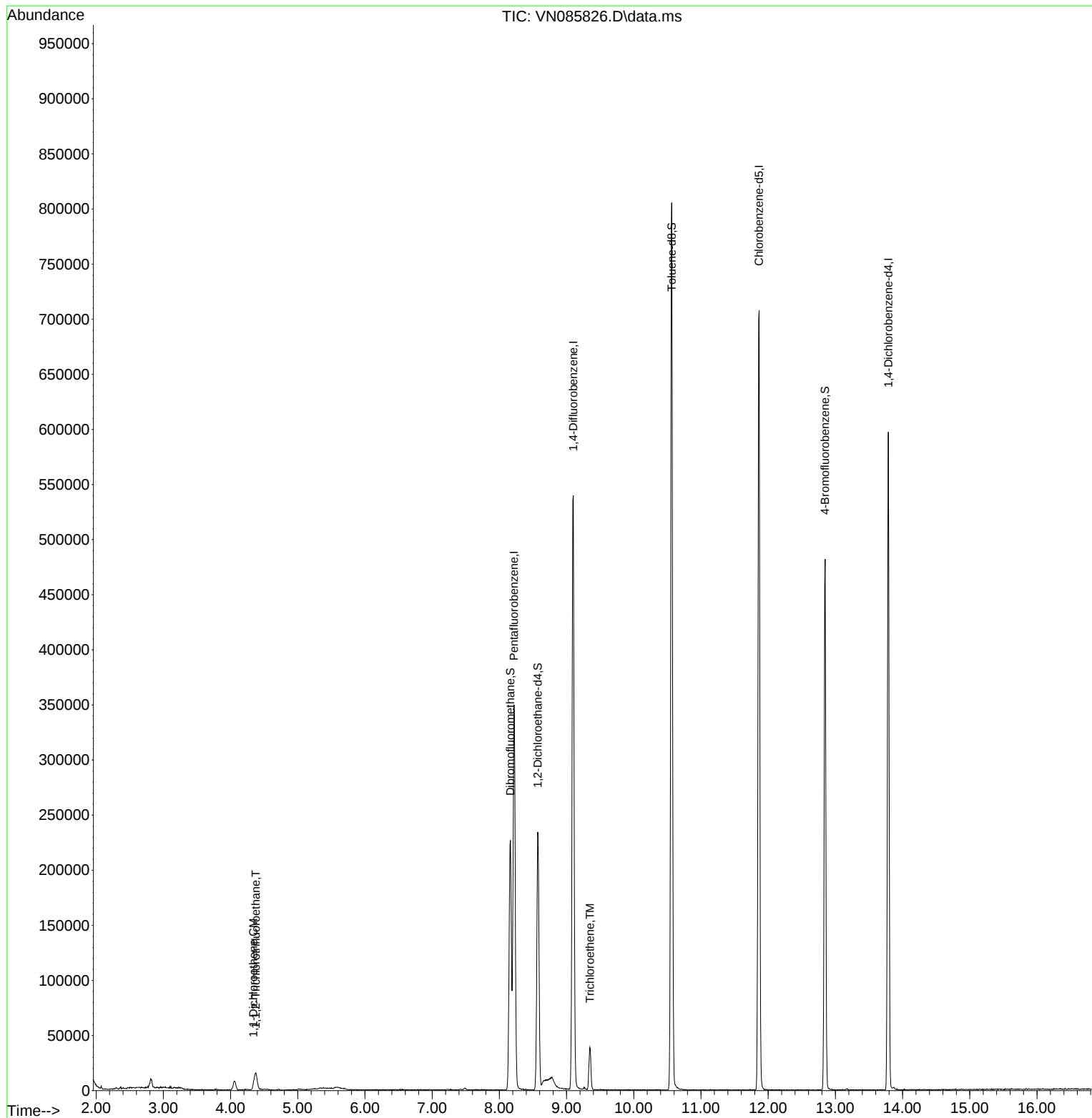
Internal Standards						
1) Pentafluorobenzene	8.218	168	256602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	482778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	427454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	167368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	192619	57.900	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.800%
35) Dibromofluoromethane	8.165	113	168431	53.317	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.640%
50) Toluene-d8	10.565	98	572021	49.768	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%
62) 4-Bromofluorobenzene	12.847	95	171182	45.204	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.400%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.377	101	11982	3.861	ug/l	95
12) 1,1-Dichloroethene	4.342	96	987	0.351	ug/l #	79
44) Trichloroethene	9.347	130	14750	4.192	ug/l	93

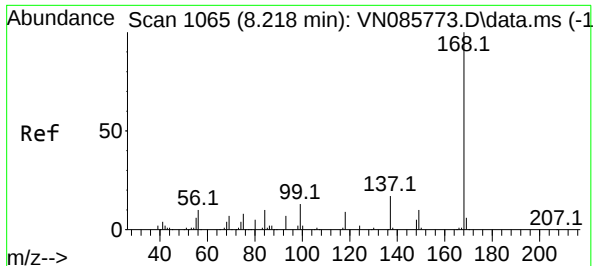
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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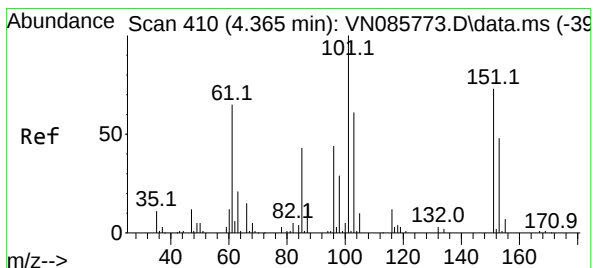
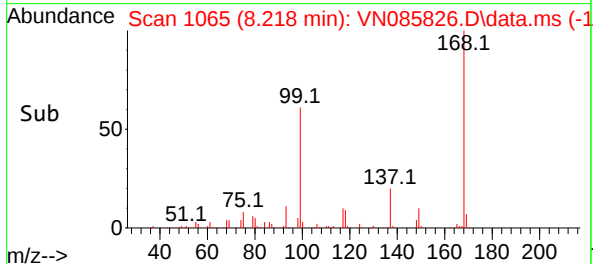
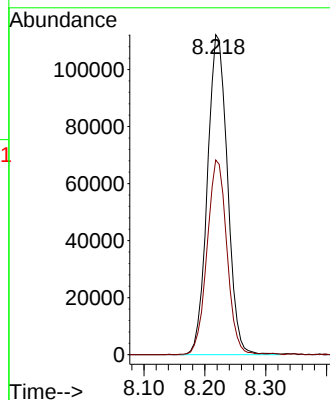
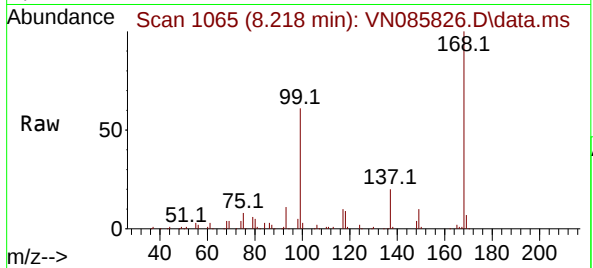




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

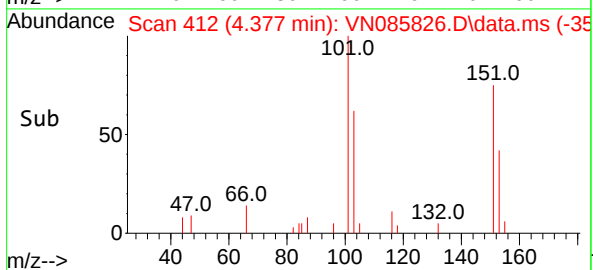
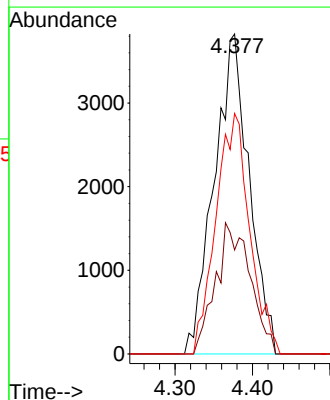
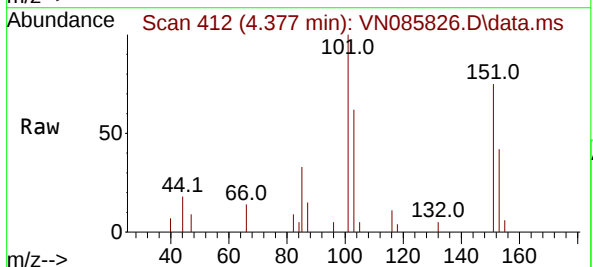
Instrument :
MSVOA_N
ClientSampleId :
MW-23-021425

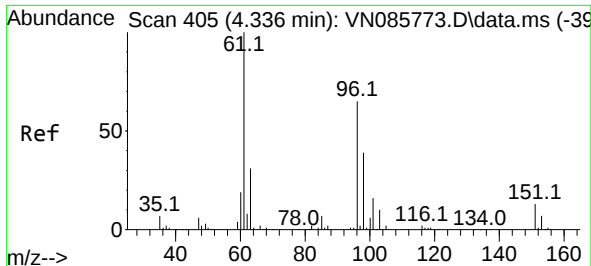
Tgt Ion:168 Resp: 256602
Ion Ratio Lower Upper
168 100
99 60.7 47.9 71.9



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.861 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion:101 Resp: 11982
Ion Ratio Lower Upper
101 100
85 40.7 35.7 53.5
151 72.8 61.4 92.2





#12

1,1-Dichloroethene

Concen: 0.351 ug/l

RT: 4.342 min Scan# 405

Delta R.T. 0.006 min

Lab File: VN085826.D

Acq: 22 Feb 2025 00:36

Instrument :

MSVOA_N

ClientSampleId :

MW-23-021425

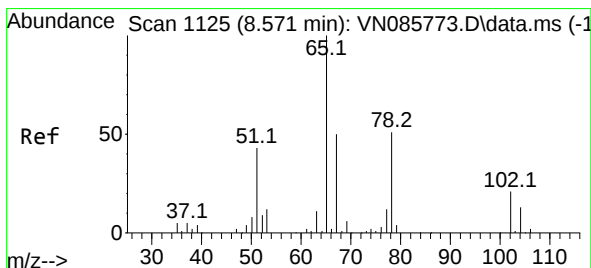
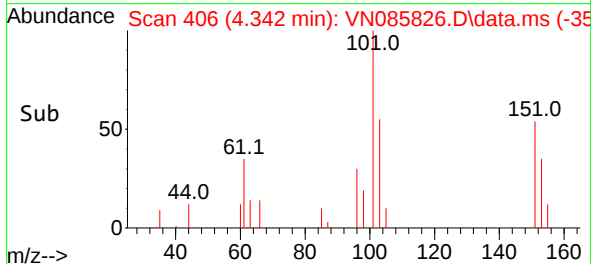
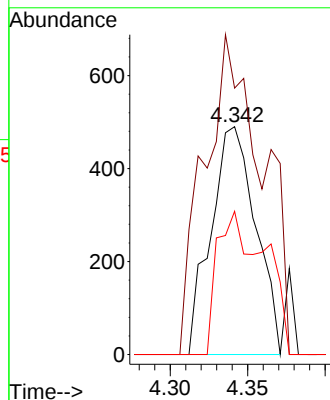
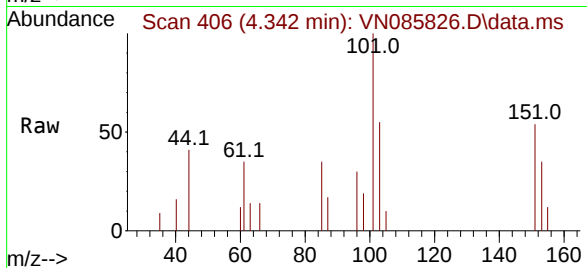
Tgt Ion: 96 Resp: 987

Ion Ratio Lower Upper

96 100

61 116.9 123.3 184.9#

98 62.9 48.6 72.8



#33

1,2-Dichloroethane-d4

Concen: 57.900 ug/l

RT: 8.571 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VN085826.D

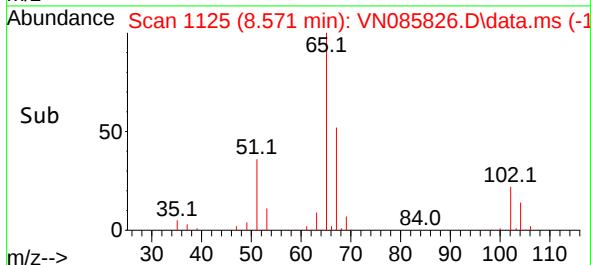
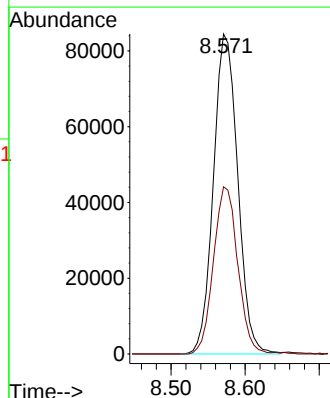
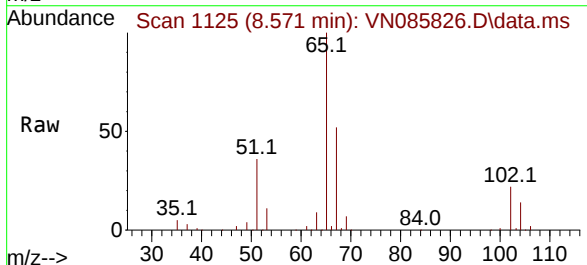
Acq: 22 Feb 2025 00:36

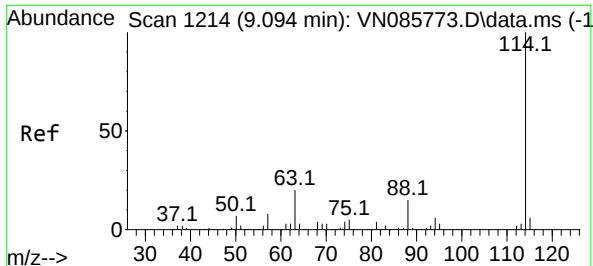
Tgt Ion: 65 Resp: 192619

Ion Ratio Lower Upper

65 100

67 52.4 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085826.D

Acq: 22 Feb 2025 00:36

Instrument :

MSVOA_N

ClientSampleId :

MW-23-021425

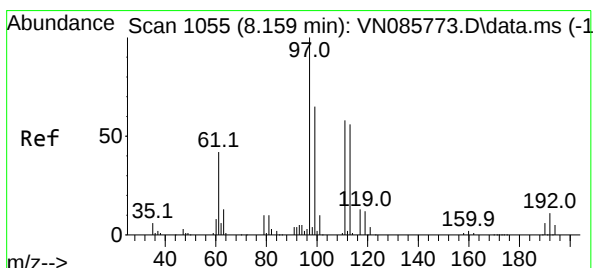
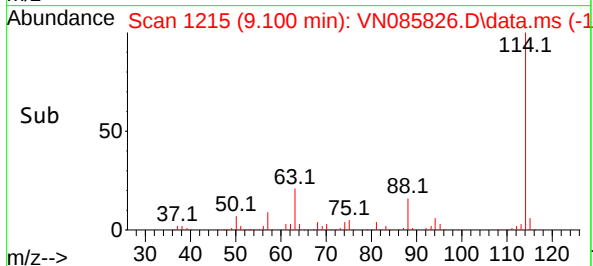
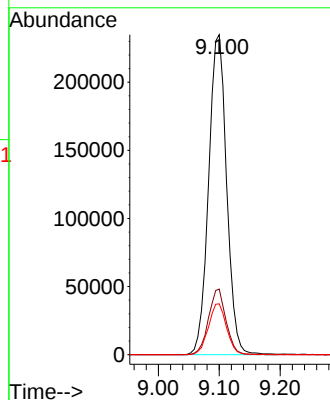
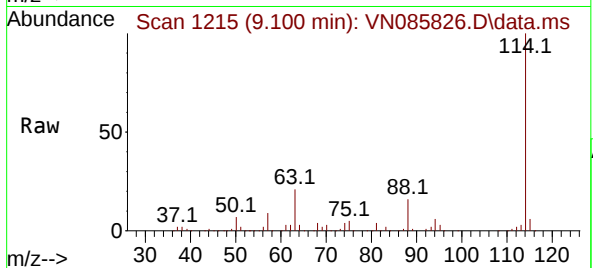
Tgt Ion:114 Resp: 482778

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 15.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 53.317 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085826.D

Acq: 22 Feb 2025 00:36

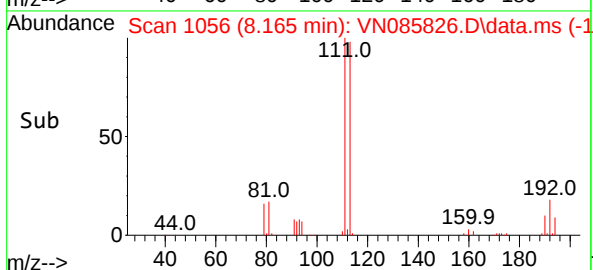
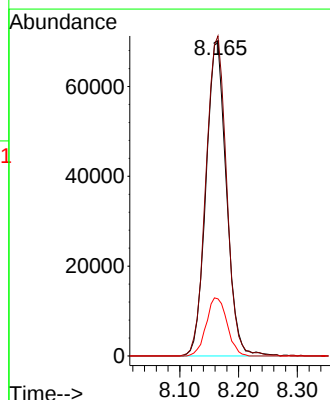
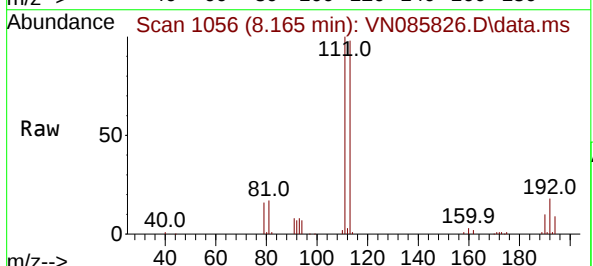
Tgt Ion:113 Resp: 168431

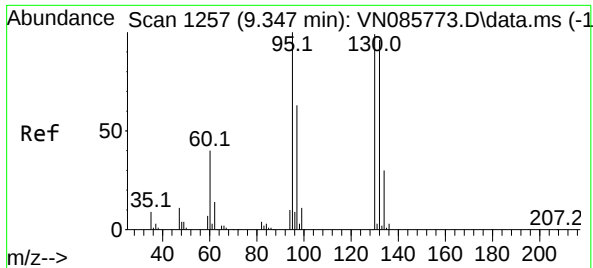
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 18.9 14.7 22.1

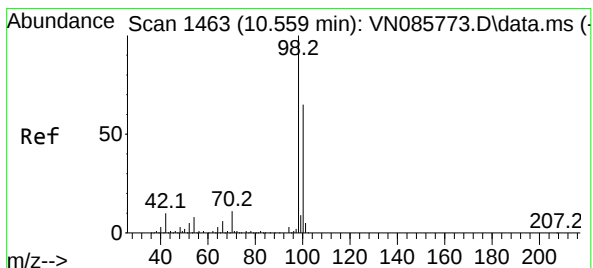
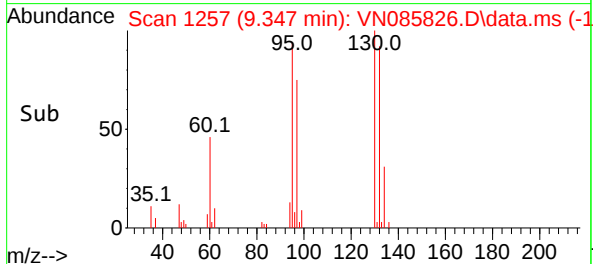
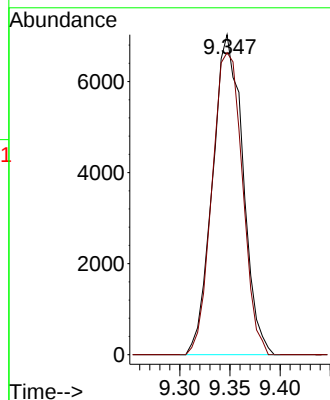
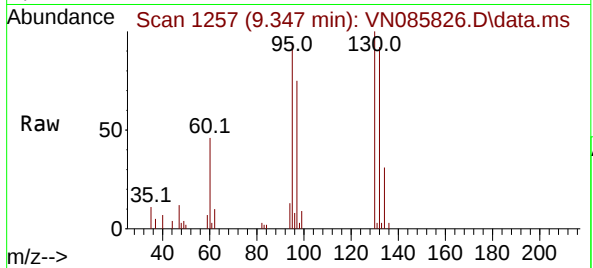




#44
Trichloroethene
Concen: 4.192 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

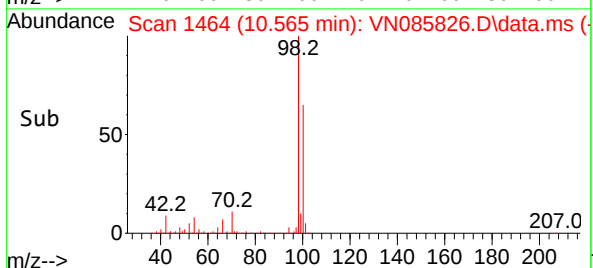
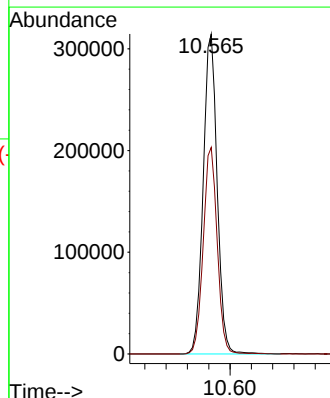
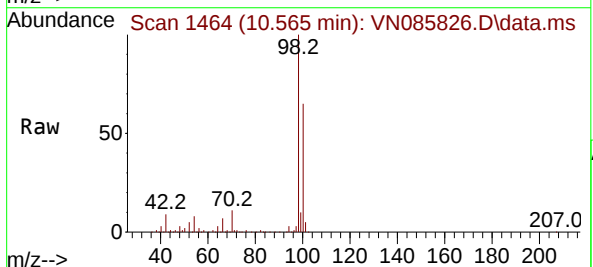
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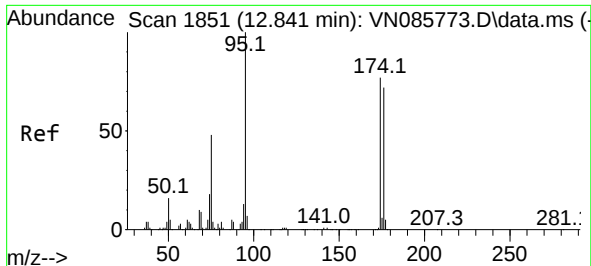
Tgt Ion:130 Resp: 14750
Ion Ratio Lower Upper
130 100
95 94.4 0.0 202.6



#50
Toluene-d8
Concen: 49.768 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

Tgt Ion: 98 Resp: 572021
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1

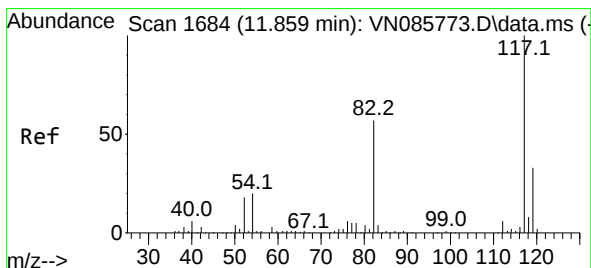
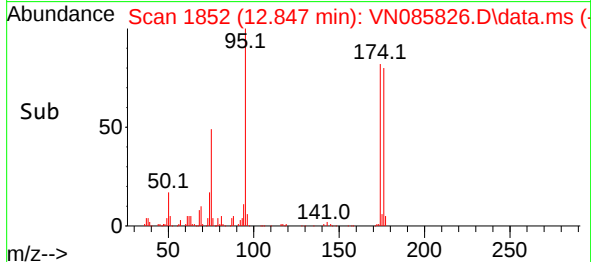
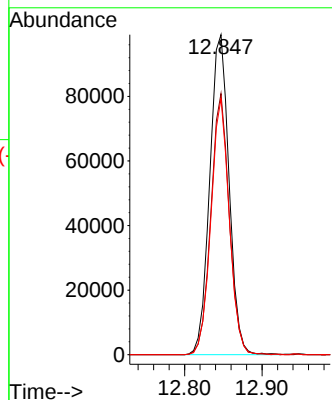
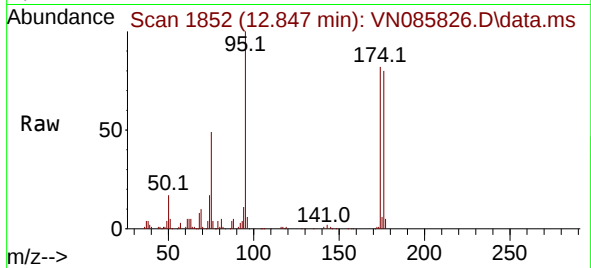




#62
4-Bromofluorobenzene
Concen: 45.204 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

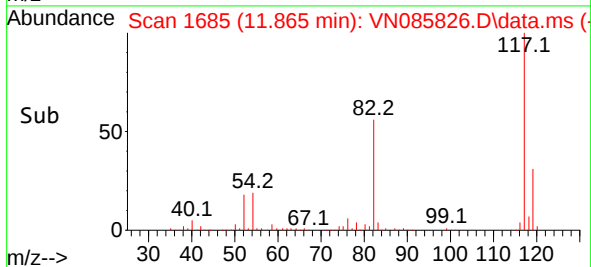
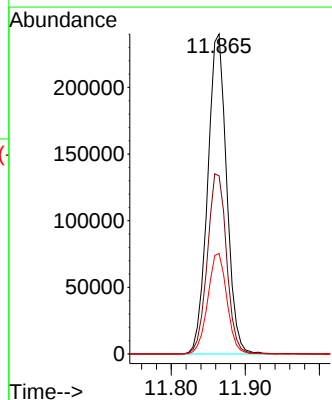
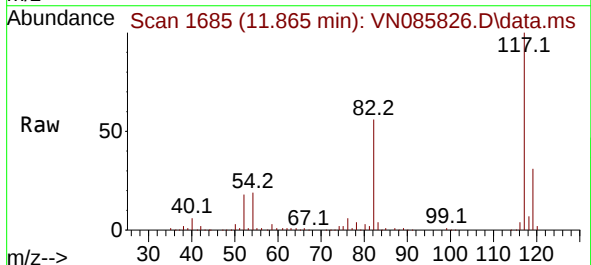
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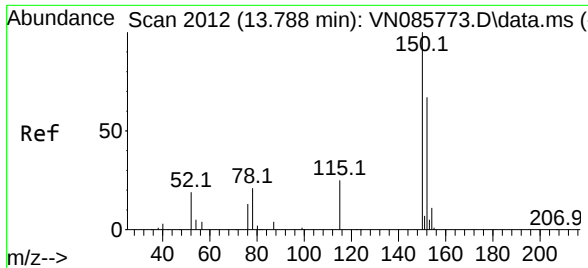
Tgt Ion: 95 Resp: 171182
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.4
176 75.8 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085826.D
Acq: 22 Feb 2025 00:36

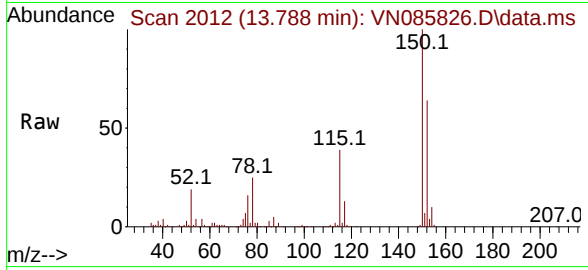
Tgt Ion: 117 Resp: 427454
Ion Ratio Lower Upper
117 100
82 55.7 45.7 68.5
119 31.4 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN085826.D
 Acq: 22 Feb 2025 00:36

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-23-021425



Tgt Ion:152 Resp: 167368
 Ion Ratio Lower Upper
 152 100
 115 60.7 30.4 91.3
 150 157.3 0.0 345.4

