

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086196.D
 Acq On : 01 Apr 2025 15:13
 Operator : JC\MD
 Sample : Q1659-01 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3808

Quant Time: Apr 02 01:53:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

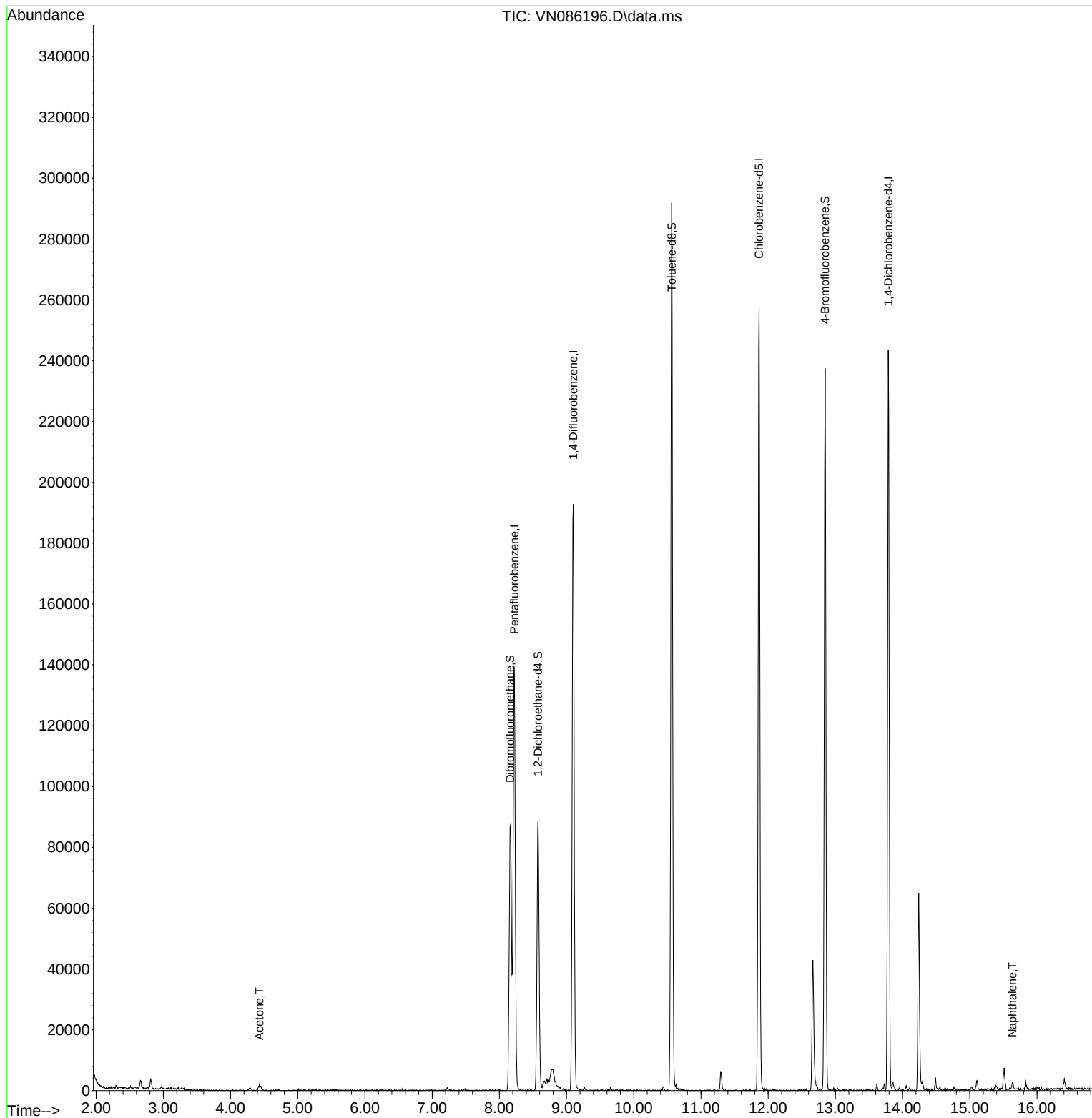
Internal Standards						
1) Pentafluorobenzene	8.224	168	97797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	168481	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	150741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	67132	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	79299	59.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.420%	
35) Dibromofluoromethane	8.159	113	61917	52.652	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.300%	
50) Toluene-d8	10.565	98	201885	47.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.600%	
62) 4-Bromofluorobenzene	12.847	95	81193	53.343	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 106.680%	
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	3783	9.246	ug/l #	84
95) Naphthalene	15.635	128	3411	1.023	ug/l #	81

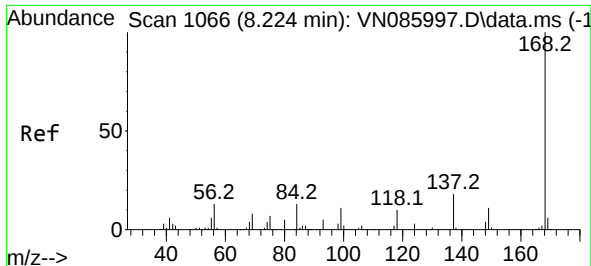
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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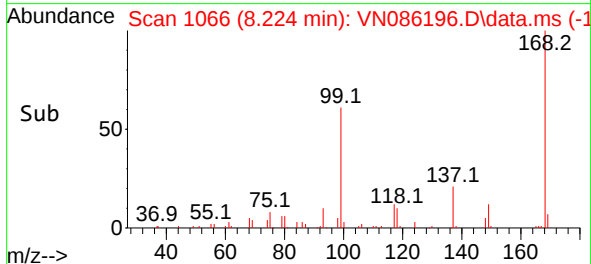
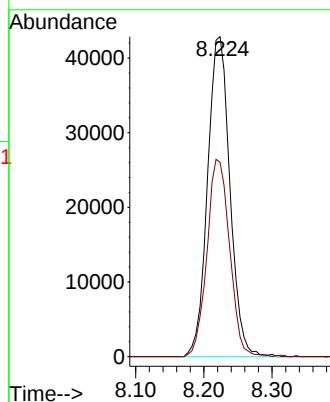
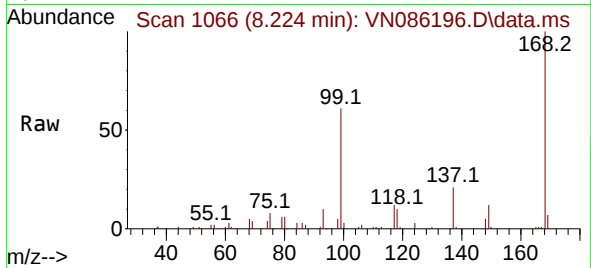




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086196.D
Acq: 01 Apr 2025 15:13

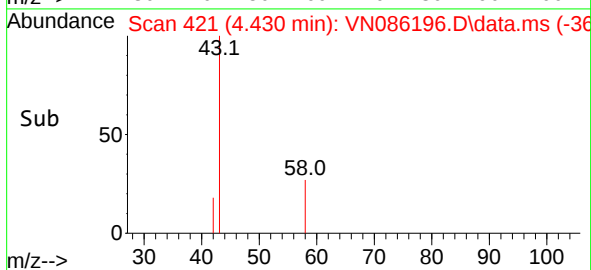
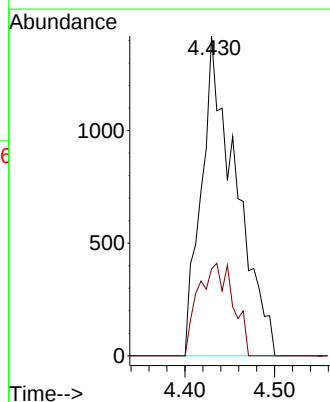
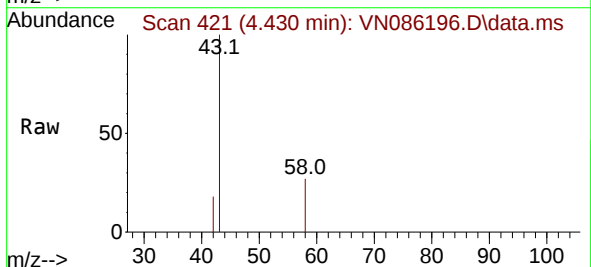
Instrument :
MSVOA_N
ClientSampleId :
3808

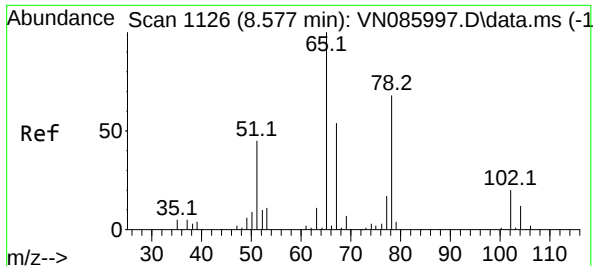
Tgt Ion:168 Resp: 97797
Ion Ratio Lower Upper
168 100
99 60.8 49.4 74.2



#16
Acetone
Concen: 9.246 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086196.D
Acq: 01 Apr 2025 15:13

Tgt Ion: 43 Resp: 3783
Ion Ratio Lower Upper
43 100
58 27.2 29.4 44.2#





#33

1,2-Dichloroethane-d4

Concen: 59.215 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086196.D

Acq: 01 Apr 2025 15:13

Instrument :

MSVOA_N

ClientSampleId :

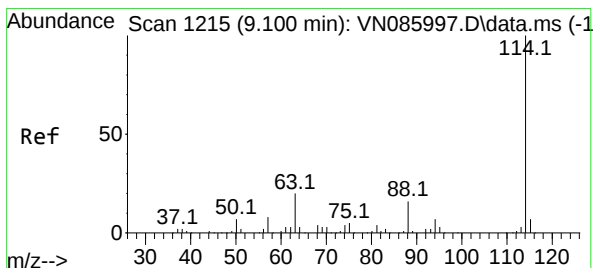
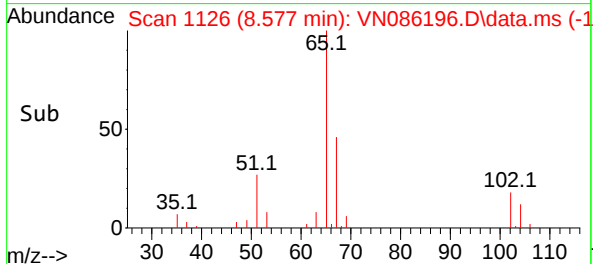
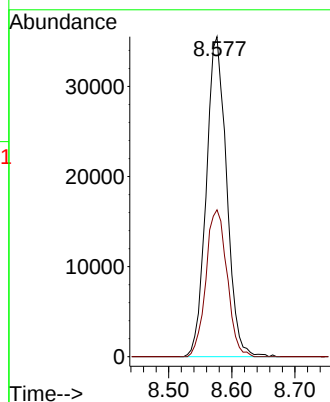
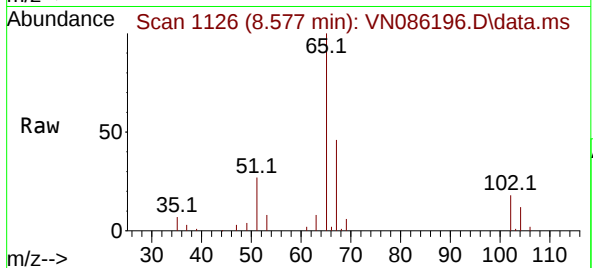
3808

Tgt Ion: 65 Resp: 79299

Ion Ratio Lower Upper

65 100

67 47.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086196.D

Acq: 01 Apr 2025 15:13

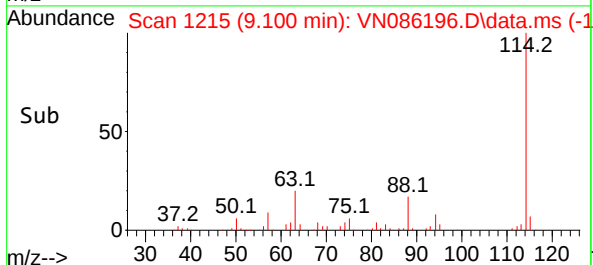
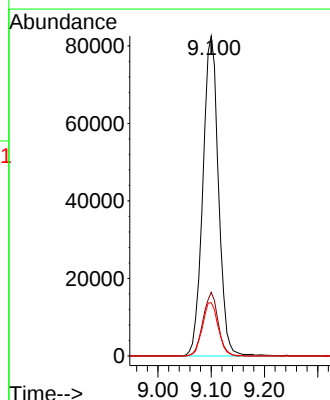
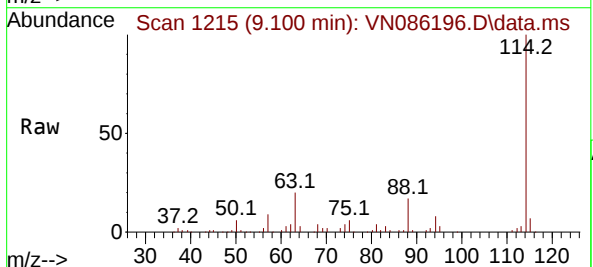
Tgt Ion: 114 Resp: 168481

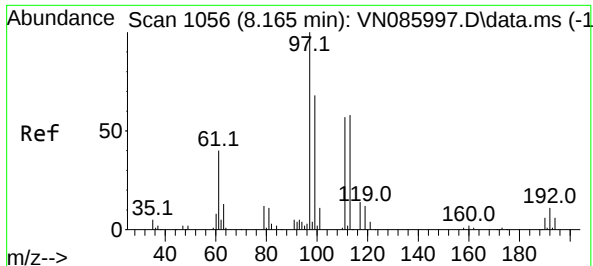
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.652 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086196.D

Acq: 01 Apr 2025 15:13

Instrument :

MSVOA_N

ClientSampleId :

3808

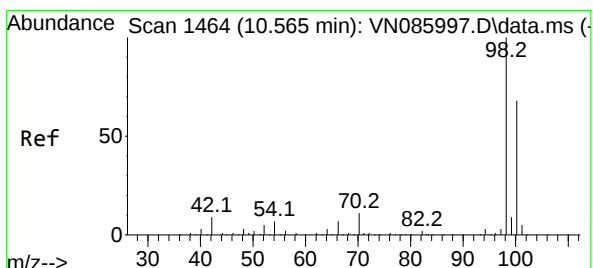
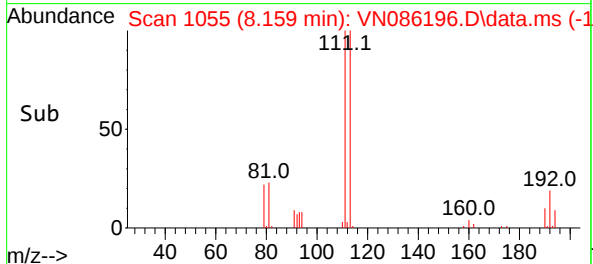
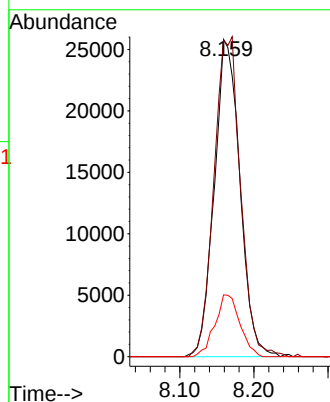
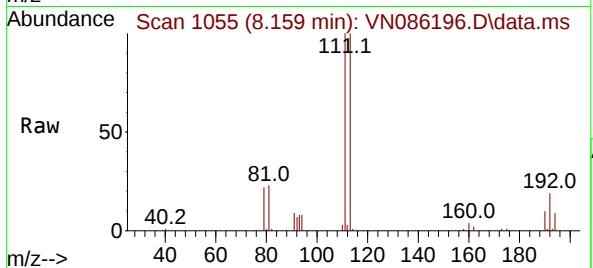
Tgt Ion:113 Resp: 61917

Ion Ratio Lower Upper

113 100

111 104.5 81.8 122.8

192 19.0 15.9 23.9



#50

Toluene-d8

Concen: 47.302 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086196.D

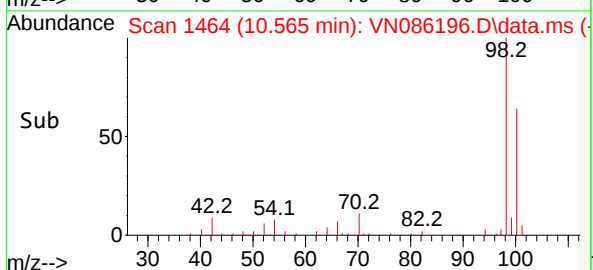
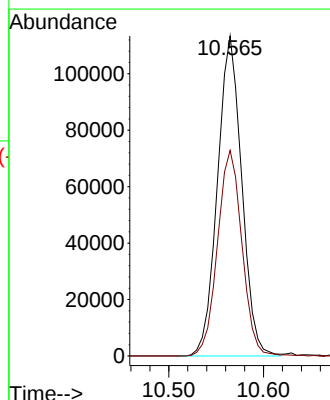
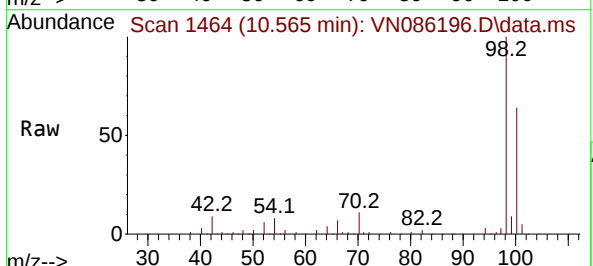
Acq: 01 Apr 2025 15:13

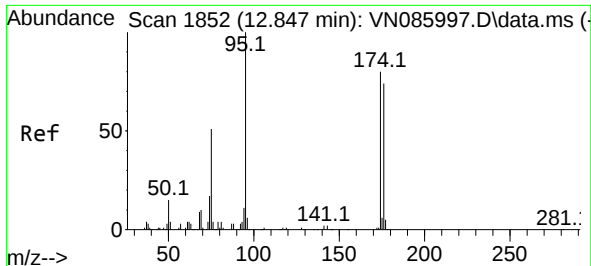
Tgt Ion: 98 Resp: 201885

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7

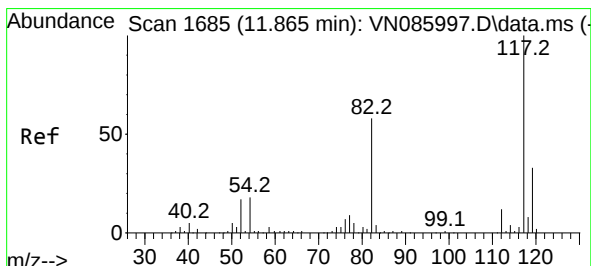
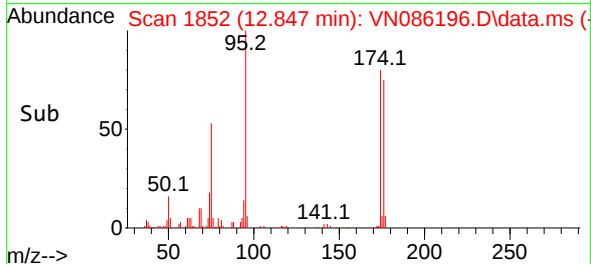
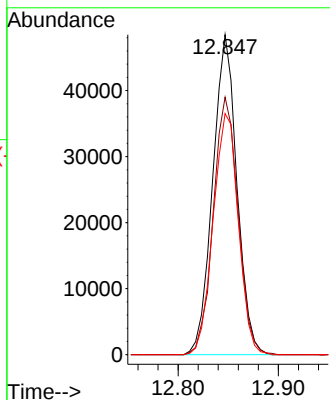
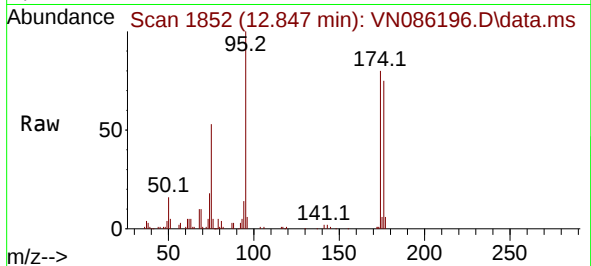




#62
4-Bromofluorobenzene
Concen: 53.343 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086196.D
Acq: 01 Apr 2025 15:13

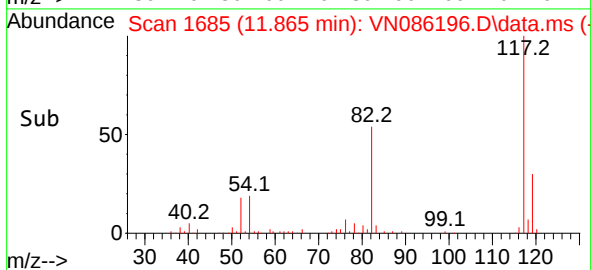
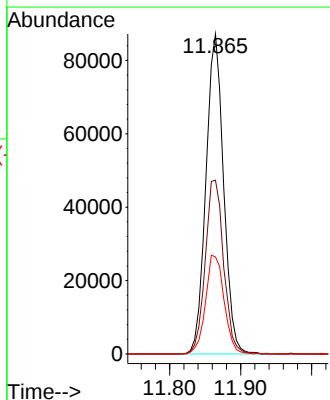
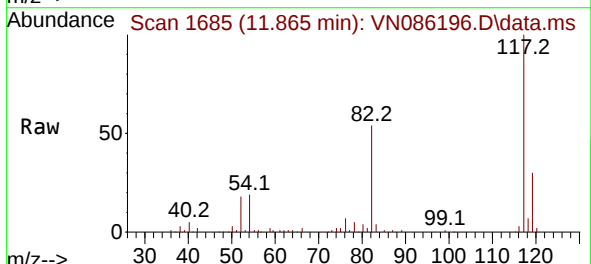
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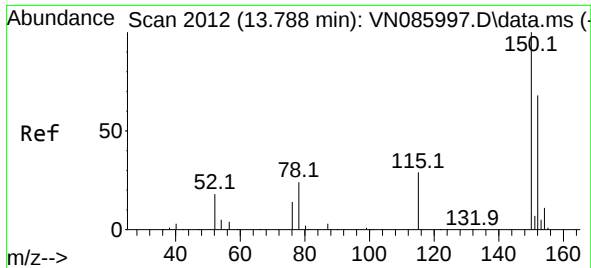
Tgt Ion: 95 Resp: 81193
Ion Ratio Lower Upper
95 100
174 82.5 0.0 156.8
176 78.2 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086196.D
Acq: 01 Apr 2025 15:13

Tgt Ion: 117 Resp: 150741
Ion Ratio Lower Upper
117 100
82 54.3 46.7 70.1
119 30.3 26.5 39.7

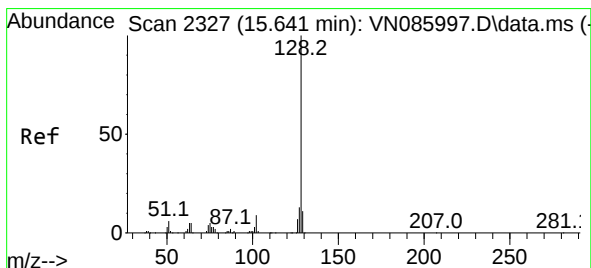
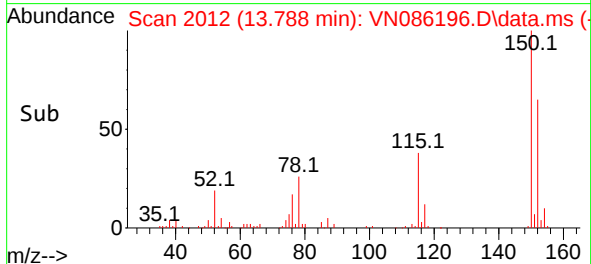
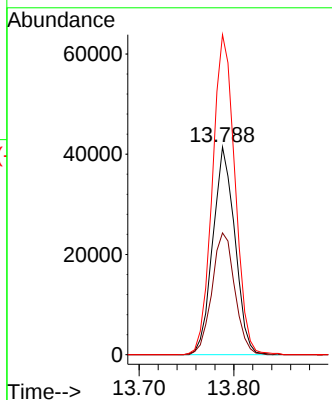
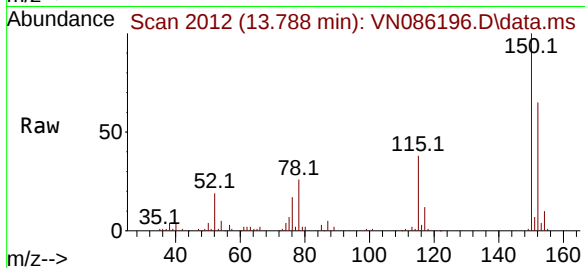




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086196.D
Acq: 01 Apr 2025 15:13

Instrument :
MSVOA_N
ClientSampleId :
3808

Tgt Ion:152 Resp: 67132
Ion Ratio Lower Upper
152 100
115 60.7 31.1 93.2
150 157.3 0.0 359.6



#95
Naphthalene
Concen: 1.023 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.006 min
Lab File: VN086196.D
Acq: 01 Apr 2025 15:13

Tgt Ion:128 Resp: 3411
Ion Ratio Lower Upper
128 100
127 4.5 10.2 15.4#
129 5.2 9.0 13.6#

