

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085164.D
 Acq On : 10 Dec 2024 14:18
 Operator : JC\MD
 Sample : P5216-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-743

Quant Time: Dec 11 04:15:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

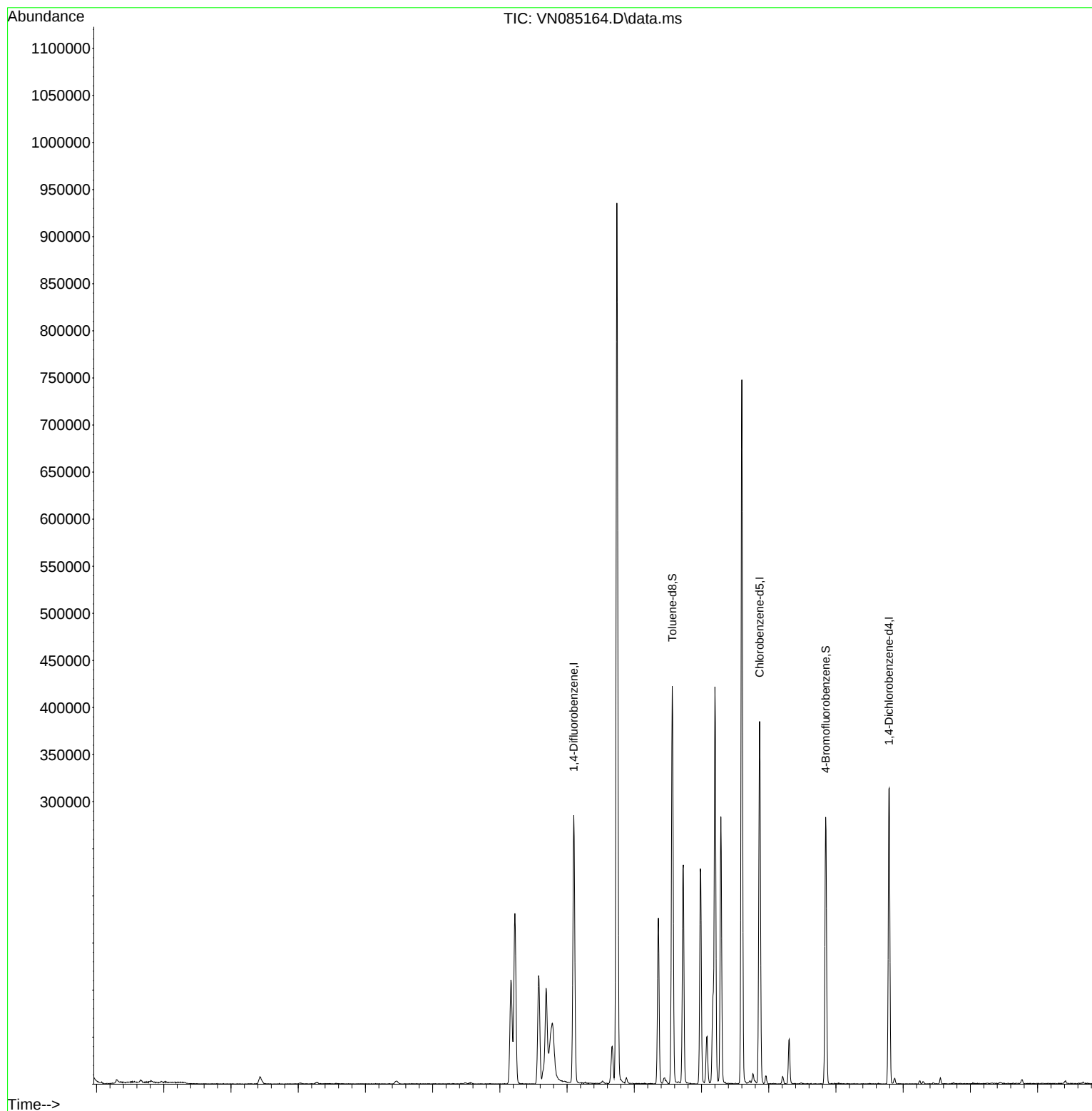
Internal Standards						
1) Pentafluorobenzene	8.224	168	125767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	87390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	98358	54.904	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.800%		
35) Dibromofluoromethane	8.165	113	80461	50.192	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.380%		
50) Toluene-d8	10.565	98	292130	50.850	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.700%		
62) 4-Bromofluorobenzene	12.847	95	98423	45.812	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 91.620%		
Target Compounds						
16) Acetone	4.436	43	15327	29.377	ug/l	Qvalue 97
43) Isopropyl Acetate	8.688	43	127141	31.008	ug/l #	82

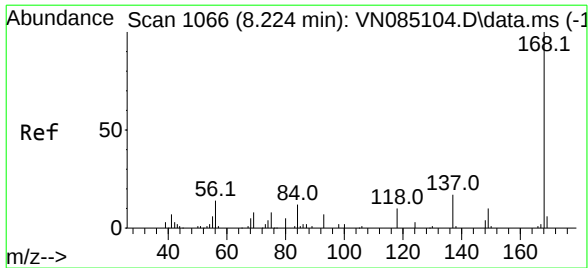
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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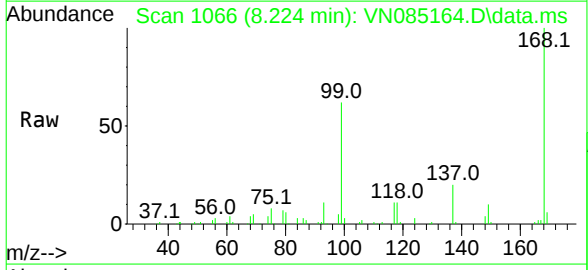
Quant Time: Dec 11 04:15:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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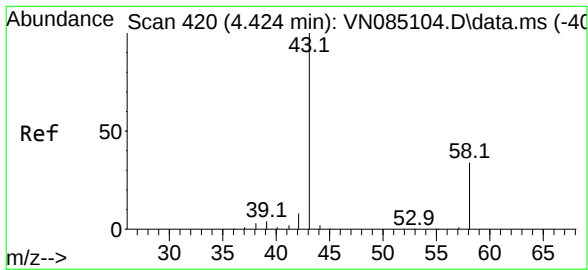
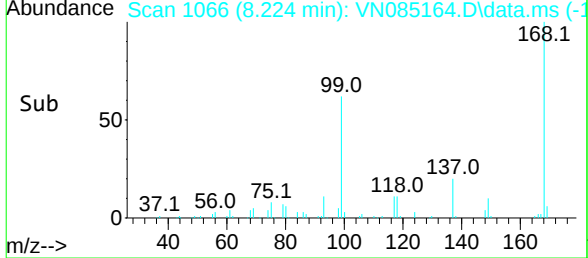
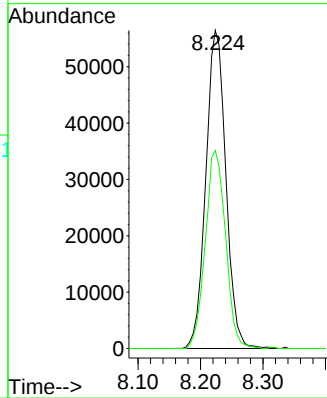


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085164.D
Acq: 10 Dec 2024 14:18

Instrument :
MSVOA_N
ClientSampleId :
MH-743

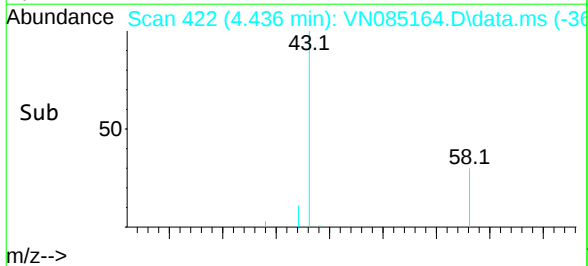
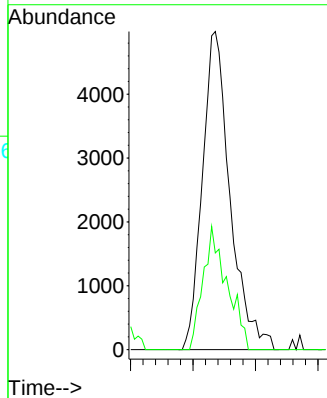
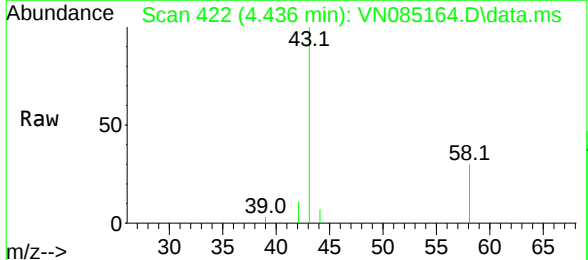


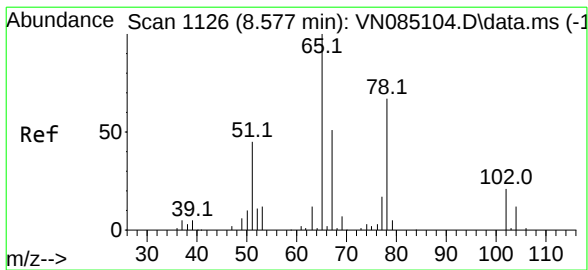
Tgt Ion:168 Resp: 125767
Ion Ratio Lower Upper
168 100
99 62.3 51.2 76.8



#16
Acetone
Concen: 29.377 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085164.D
Acq: 10 Dec 2024 14:18

Tgt Ion: 43 Resp: 15327
Ion Ratio Lower Upper
43 100
58 30.4 25.4 38.2

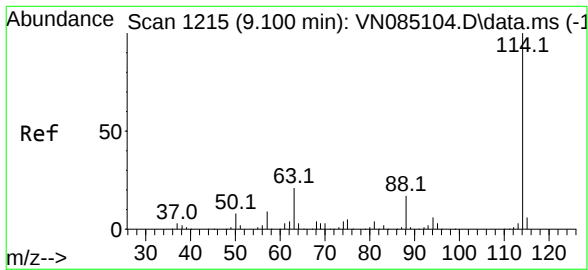
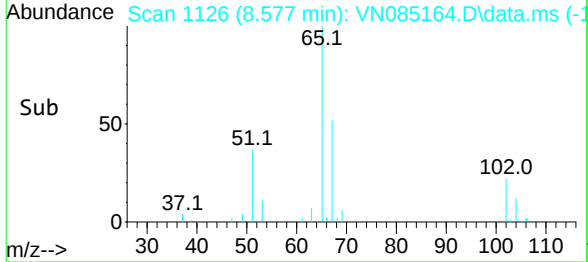
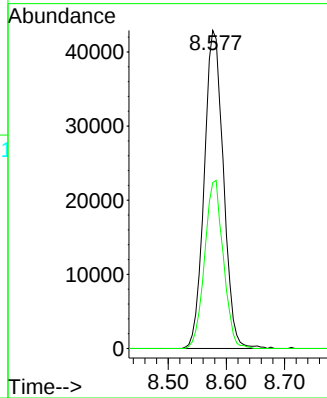
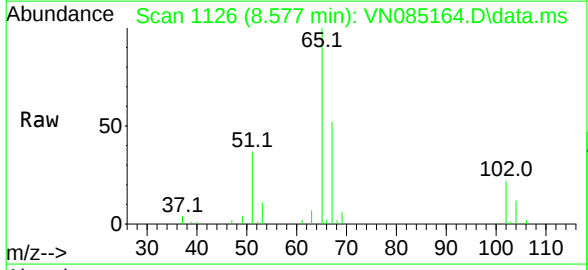




#33
 1,2-Dichloroethane-d4
 Concen: 54.904 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: VN085164.D
 Acq: 10 Dec 2024 14:18

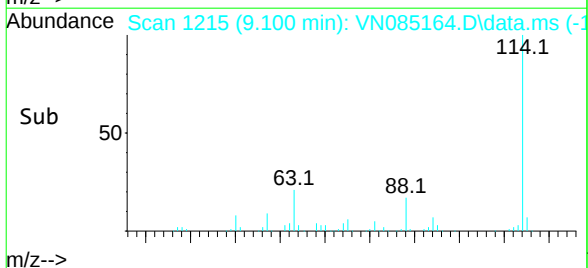
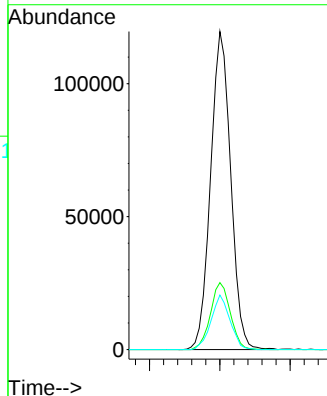
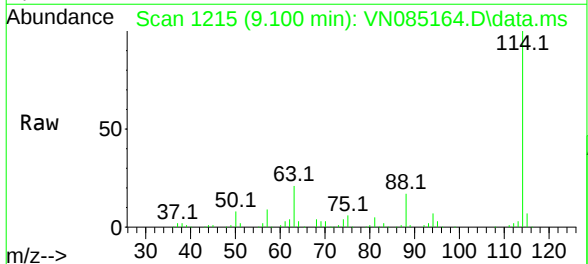
Instrument :
 MSVOA_N
 ClientSampleId :
 MH-743

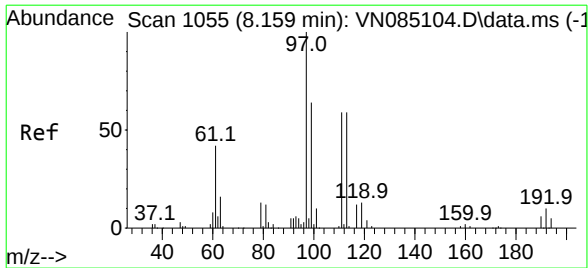
Tgt Ion: 65 Resp: 98358
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085164.D
 Acq: 10 Dec 2024 14:18

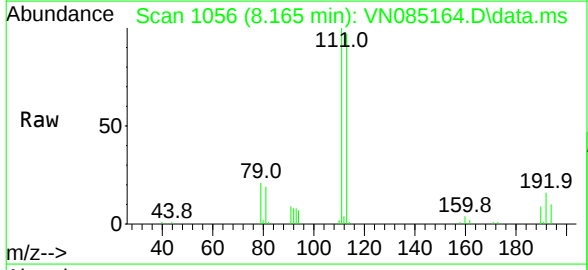
Tgt Ion: 114 Resp: 237712
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.0
 88 17.1 0.0 34.8



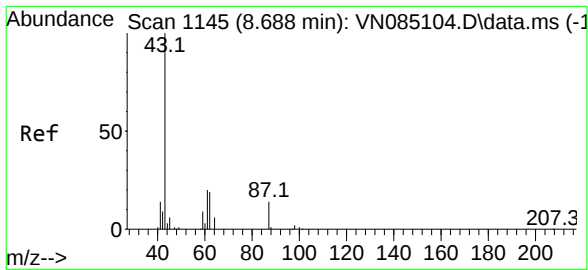
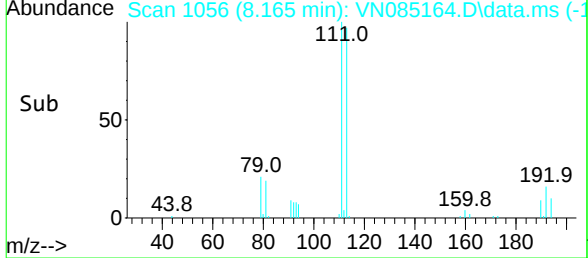
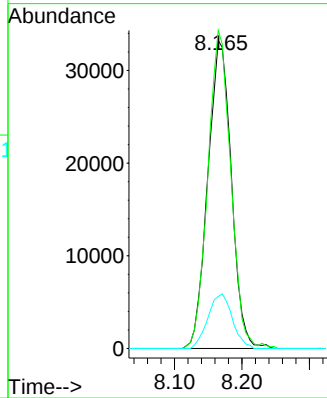


#35
 Dibromofluoromethane
 Concen: 50.192 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085164.D
 Acq: 10 Dec 2024 14:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-743

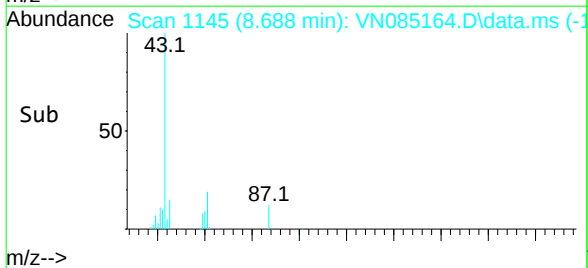
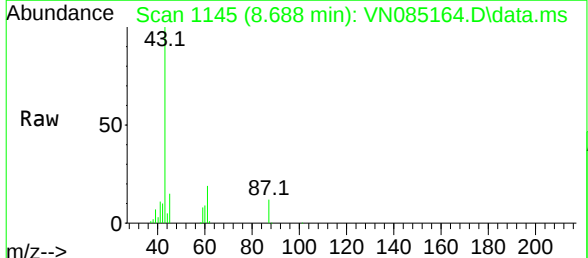
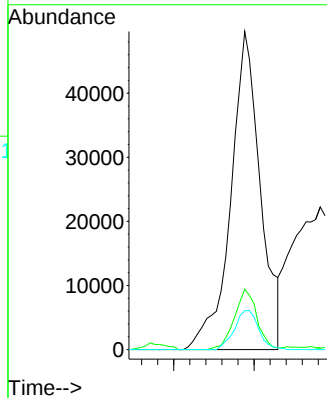


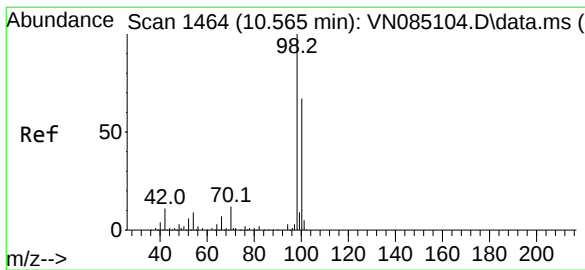
Tgt Ion:	113	Resp:	80461
Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.0	123.0
192	18.3	14.8	22.2



#43
 Isopropyl Acetate
 Concen: 31.008 ug/l
 RT: 8.688 min Scan# 1145
 Delta R.T. 0.006 min
 Lab File: VN085164.D
 Acq: 10 Dec 2024 14:18

Tgt Ion:	43	Resp:	127141
Ion	Ratio	Lower	Upper
43	100		
61	14.5	20.6	30.8#
87	10.1	11.0	16.4#





#50

Toluene-d8

Concen: 50.850 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085164.D

Acq: 10 Dec 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

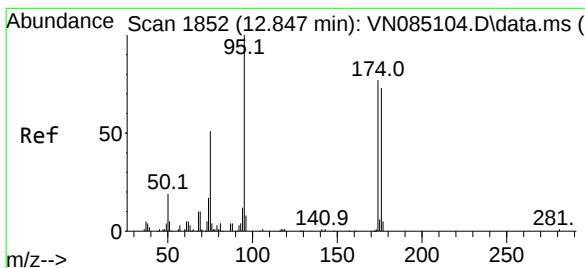
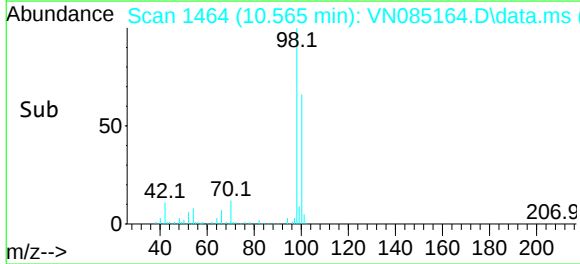
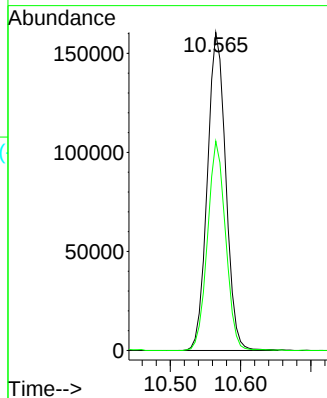
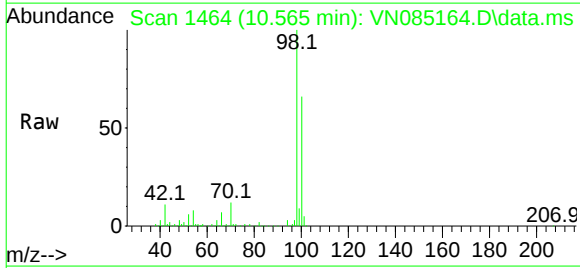
MH-743

Tgt Ion: 98 Resp: 292130

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.812 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085164.D

Acq: 10 Dec 2024 14:18

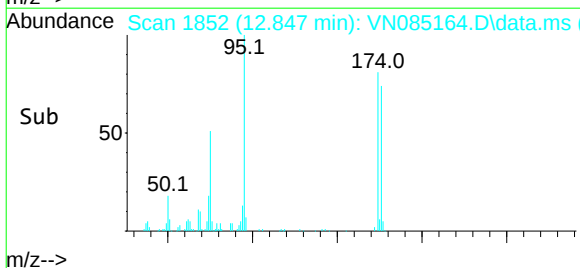
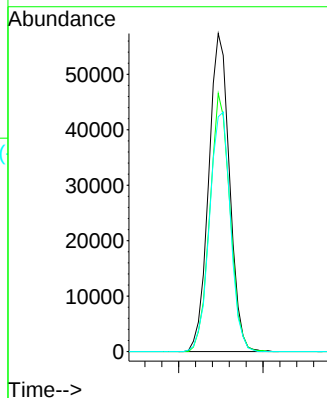
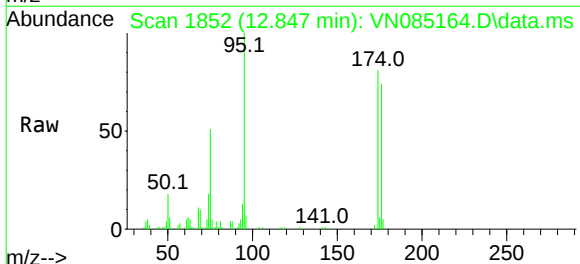
Tgt Ion: 95 Resp: 98423

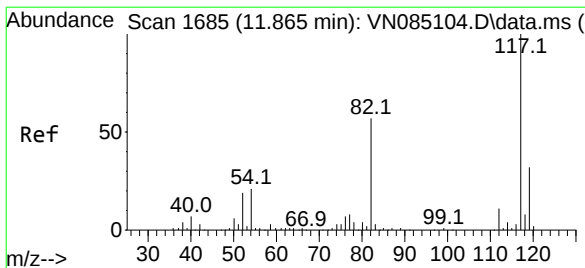
Ion Ratio Lower Upper

95 100

174 78.2 0.0 146.6

176 75.7 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085164.D

Acq: 10 Dec 2024 14:18

Instrument :

MSVOA_N

ClientSampleId :

MH-743

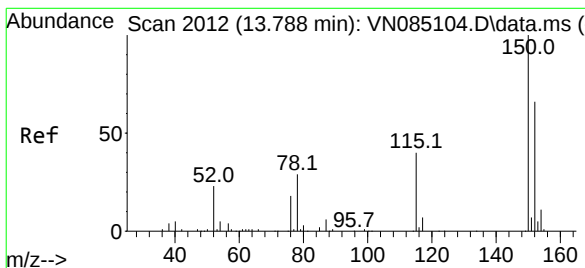
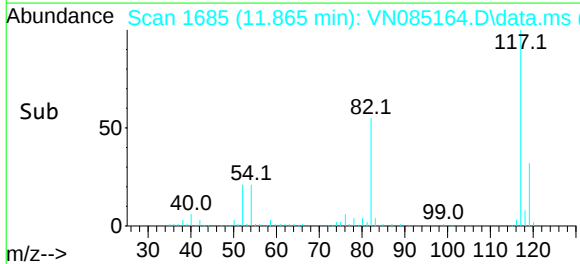
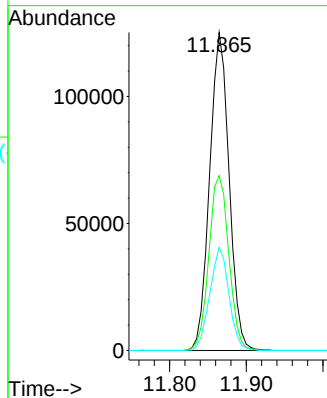
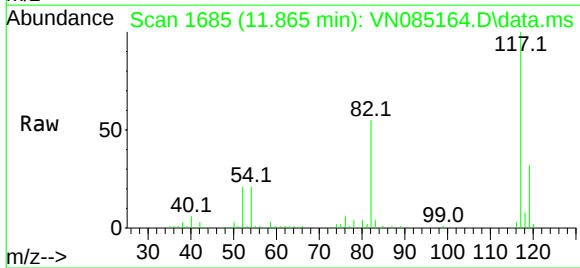
Tgt Ion:117 Resp: 220445

Ion Ratio Lower Upper

117 100

82 55.0 46.0 69.0

119 32.4 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085164.D

Acq: 10 Dec 2024 14:18

Tgt Ion:152 Resp: 87390

Ion Ratio Lower Upper

152 100

115 62.5 31.7 95.1

150 157.1 0.0 351.4

