

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085204.D
 Acq On : 13 Dec 2024 18:15
 Operator : JC\MD
 Sample : P5270-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20241213

Quant Time: Dec 13 23:39:33 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)

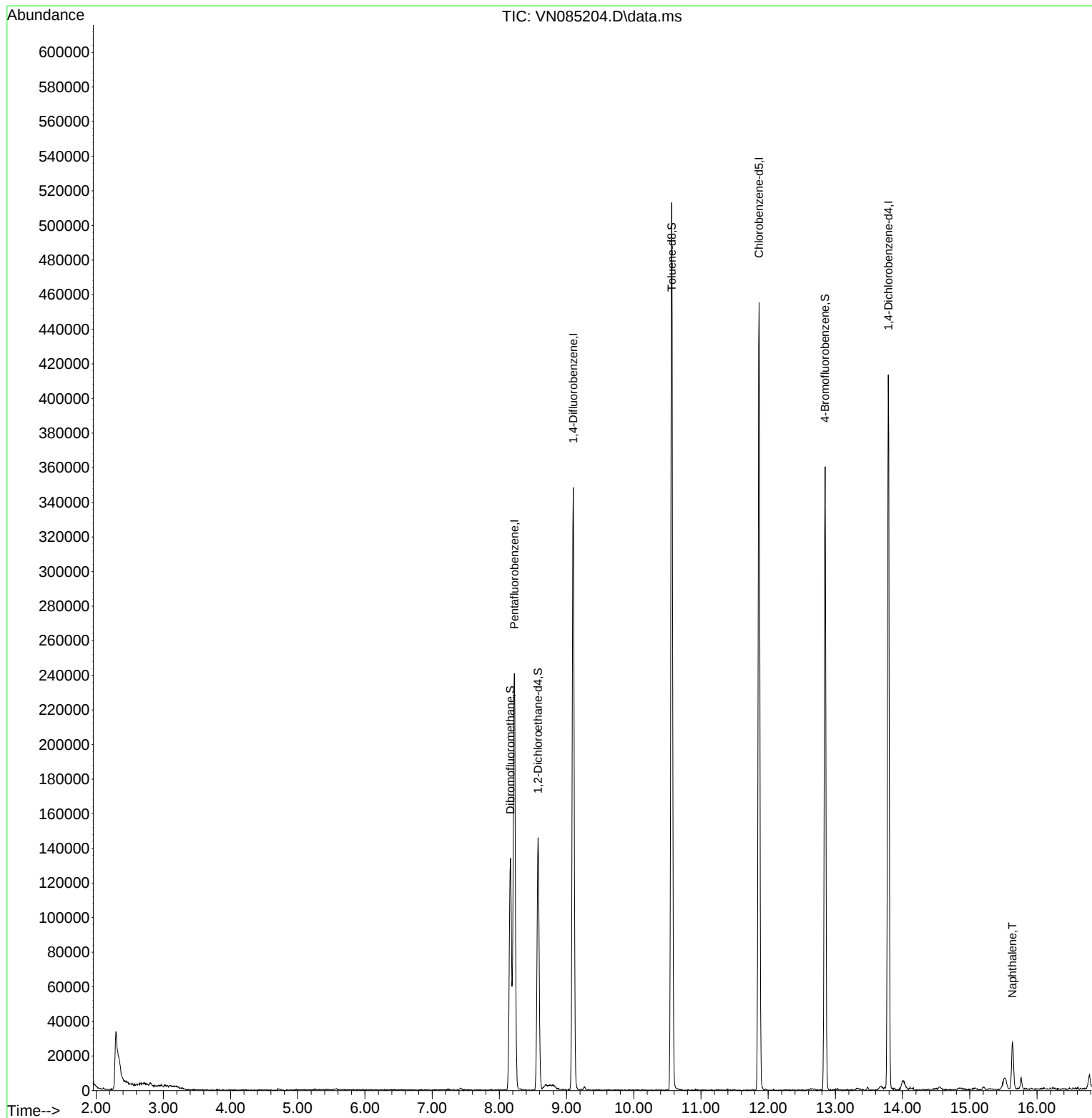
Internal Standards						
1) Pentafluorobenzene	8.224	168	175672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302003	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	114150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	122955	49.136	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.280%
35) Dibromofluoromethane	8.165	113	99154	48.686	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	10.565	98	350250	47.988	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.980%
62) 4-Bromofluorobenzene	12.847	95	125526	45.989	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.980%
Target Compounds						
95) Naphthalene	15.635	128	29377	4.635	ug/l	Qvalue 99

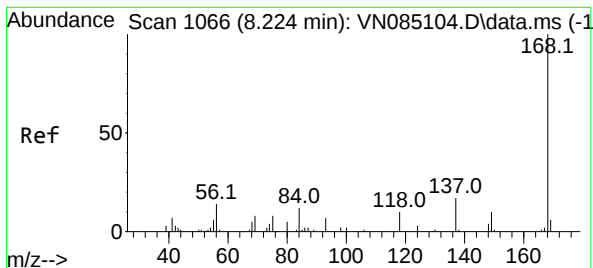
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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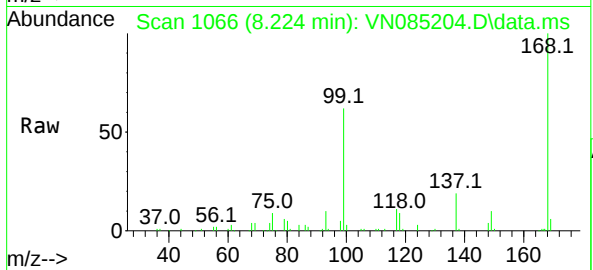
Quant Time: Dec 13 23:39:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
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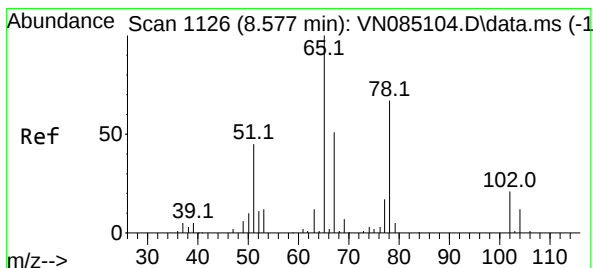
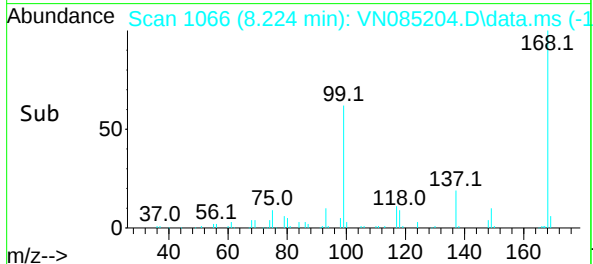
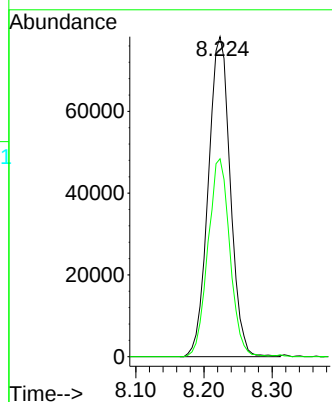


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Instrument :
MSVOA_N
ClientSampleId :
TB-20241213

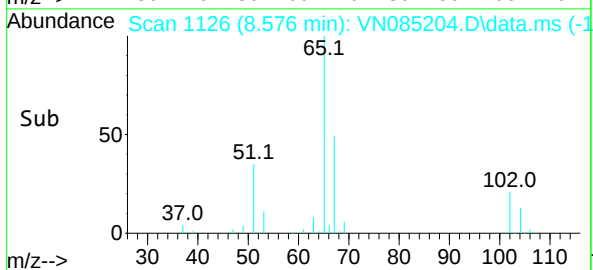
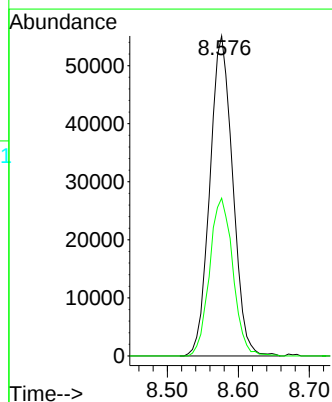
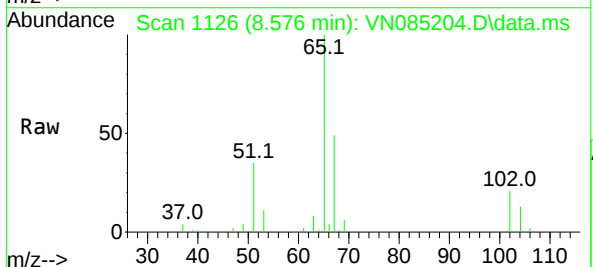


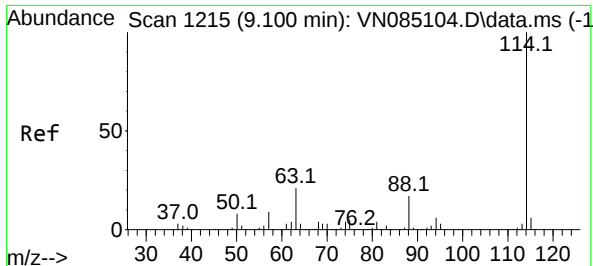
Tgt Ion:168 Resp: 175672
Ion Ratio Lower Upper
168 100
99 61.9 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 49.136 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085204.D
Acq: 13 Dec 2024 18:15

Tgt Ion: 65 Resp: 122955
Ion Ratio Lower Upper
65 100
67 50.5 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

TB-20241213

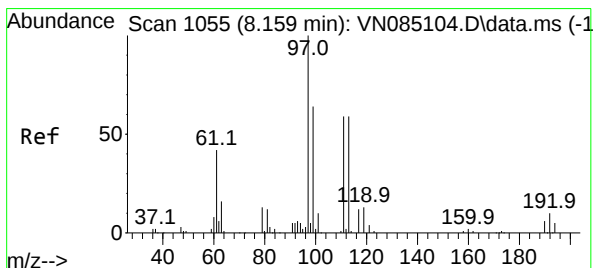
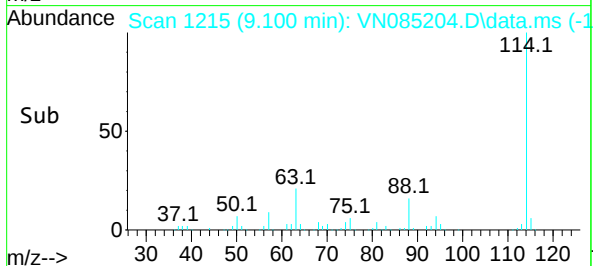
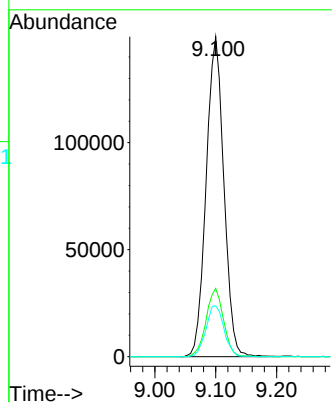
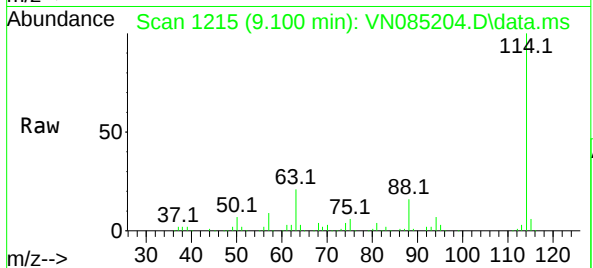
Tgt Ion:114 Resp: 302003

Ion Ratio Lower Upper

114 100

63 21.3 0.0 41.0

88 15.8 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.686 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

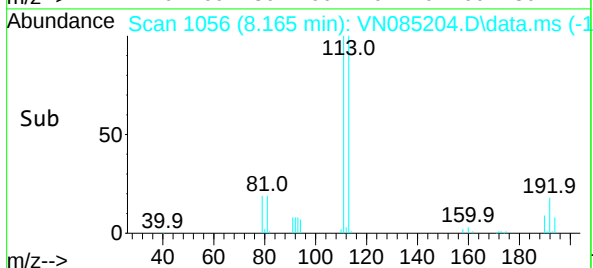
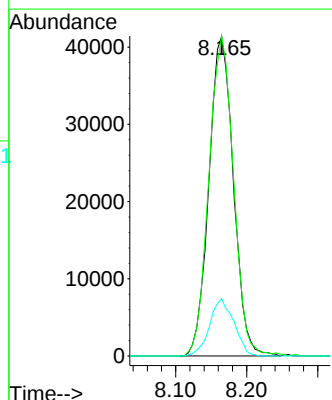
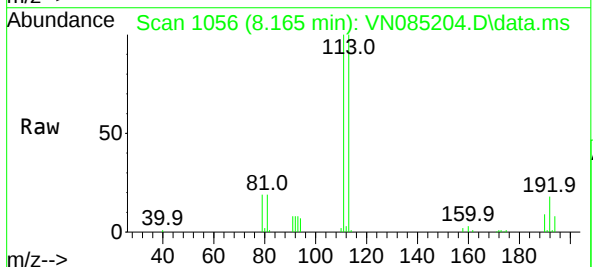
Tgt Ion:113 Resp: 99154

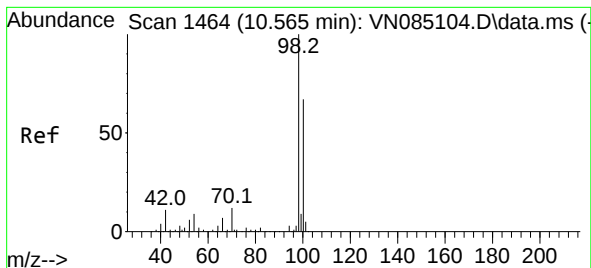
Ion Ratio Lower Upper

113 100

111 101.0 82.0 123.0

192 17.8 14.8 22.2





#50

Toluene-d8

Concen: 47.988 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

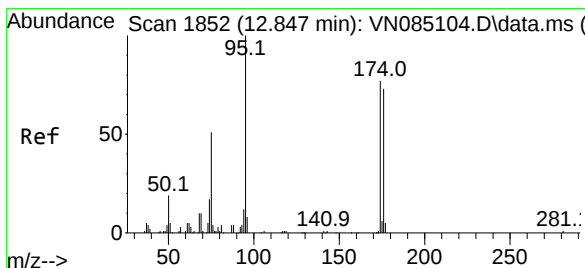
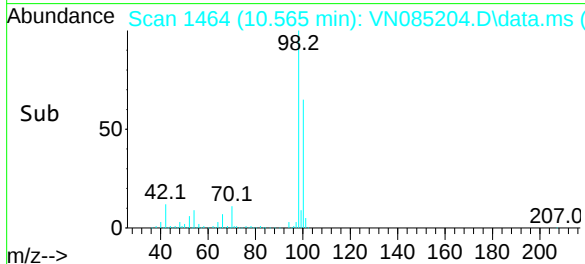
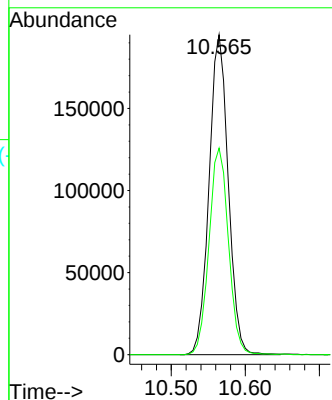
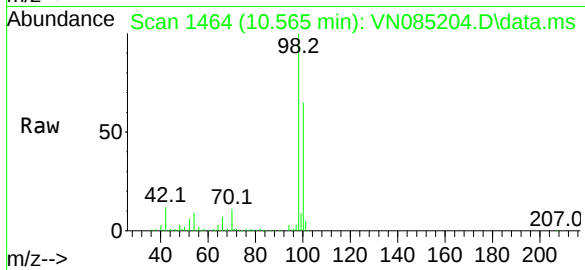
TB-20241213

Tgt Ion: 98 Resp: 350250

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.989 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

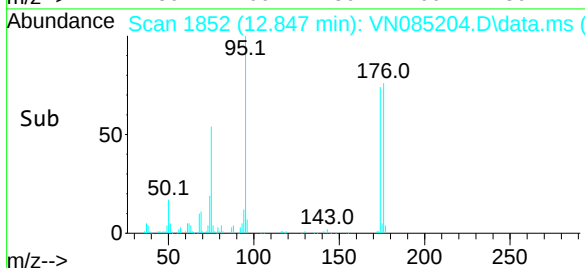
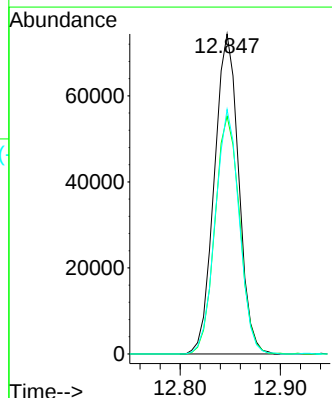
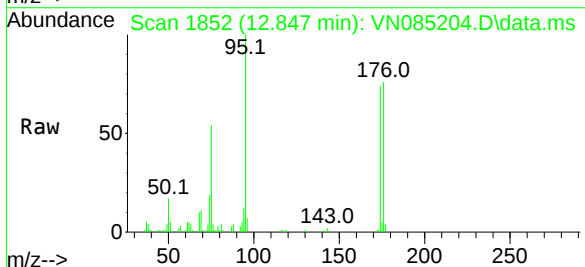
Tgt Ion: 95 Resp: 125526

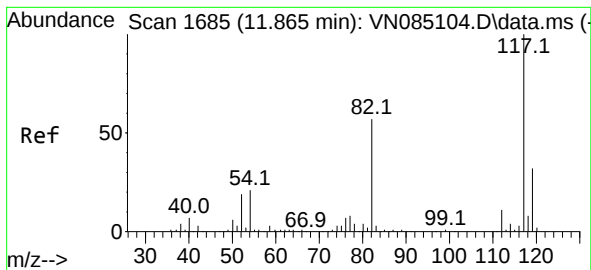
Ion Ratio Lower Upper

95 100

174 75.3 0.0 146.6

176 75.3 0.0 141.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085204.D

Acq: 13 Dec 2024 18:15

Instrument :

MSVOA_N

ClientSampleId :

TB-20241213

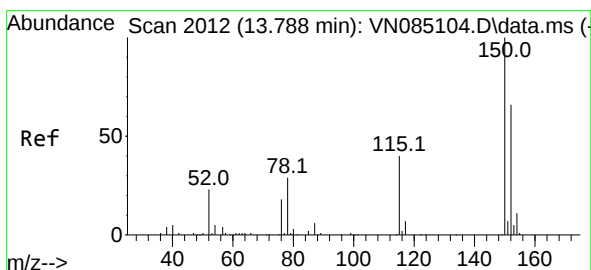
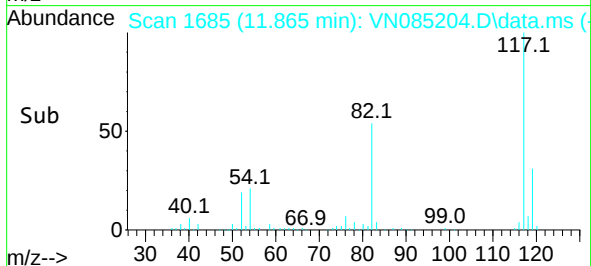
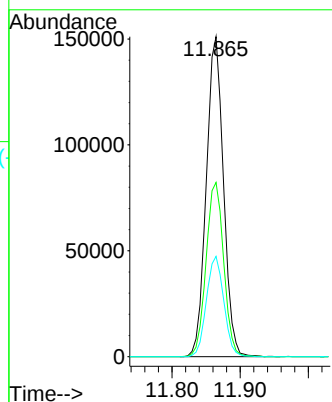
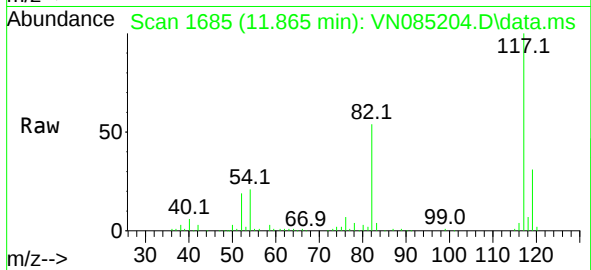
Tgt Ion:117 Resp: 265365

Ion Ratio Lower Upper

117 100

82 54.4 46.0 69.0

119 31.3 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: VN085204.D

Acq: 13 Dec 2024 18:15

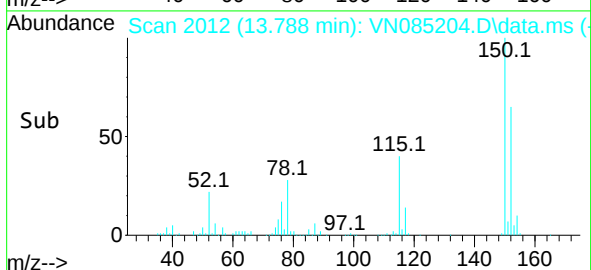
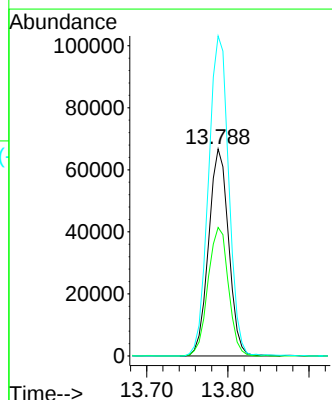
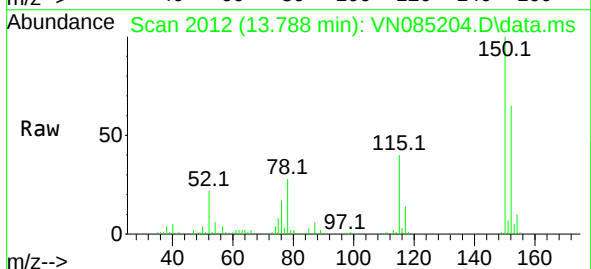
Tgt Ion:152 Resp: 114150

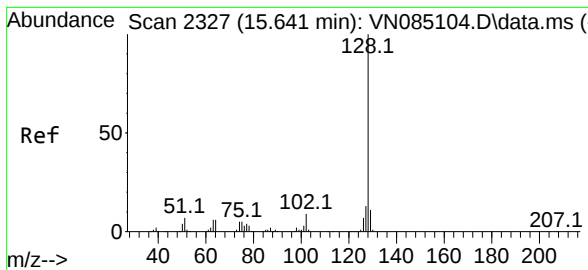
Ion Ratio Lower Upper

152 100

115 63.3 31.7 95.1

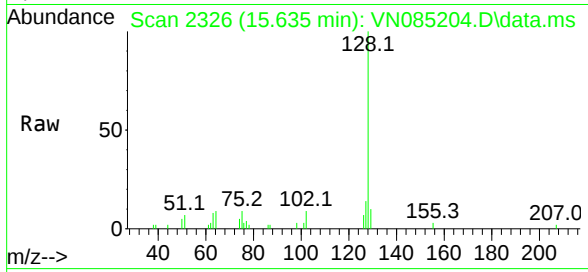
150 157.2 0.0 351.4





#95
Naphthalene
Concen: 4.635 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN085204.D
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Instrument :
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ClientSampleId :
TB-20241213



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	16.0
129	10.4	8.6	12.8

