

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121324\
 Data File : VN085203.D
 Acq On : 13 Dec 2024 17:51
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 13 23:38:43 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)

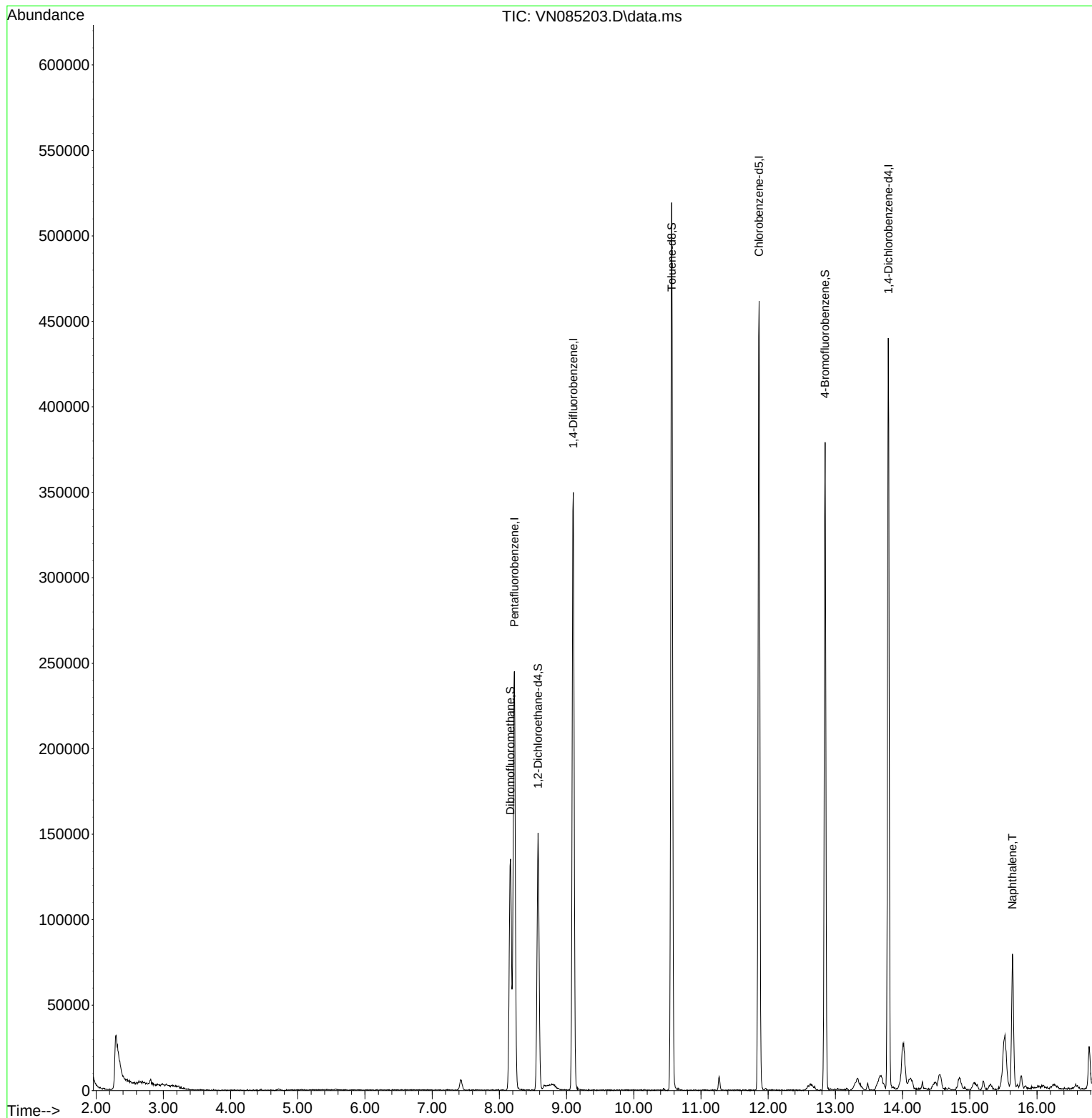
Internal Standards						
1) Pentafluorobenzene	8.224	168	177400	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121430	48.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.100%
35) Dibromofluoromethane	8.165	113	98976	48.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.280%
50) Toluene-d8	10.565	98	362597	49.213	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.847	95	131223	47.625	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.240%
Target Compounds						
95) Naphthalene	15.635	128	72847	11.041	ug/l	Qvalue 99

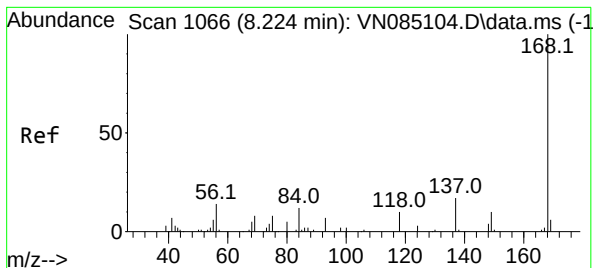
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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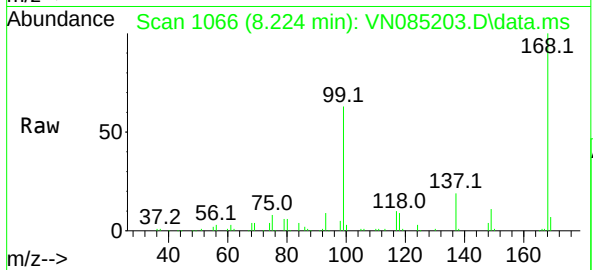
Quant Time: Dec 13 23:38:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
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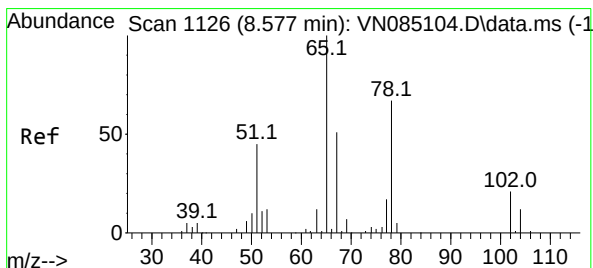
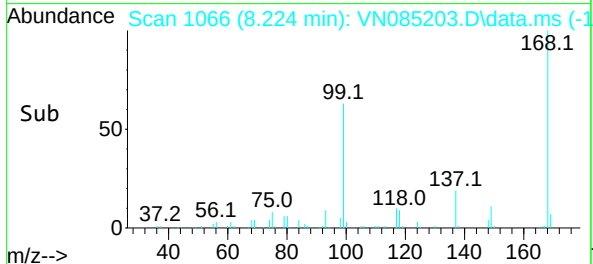
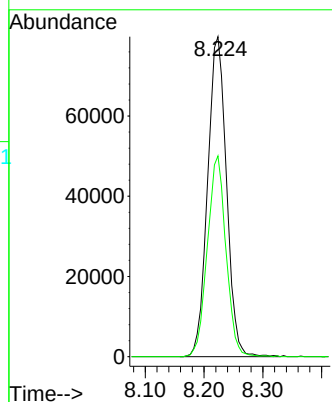


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Instrument :
MSVOA_N
ClientSampleId :
IBLK

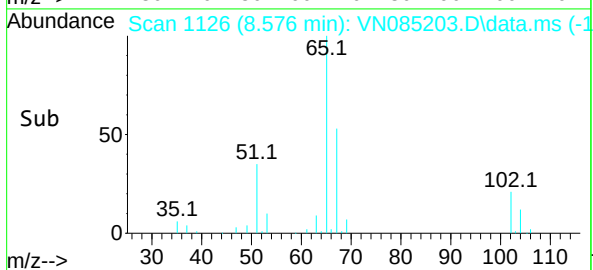
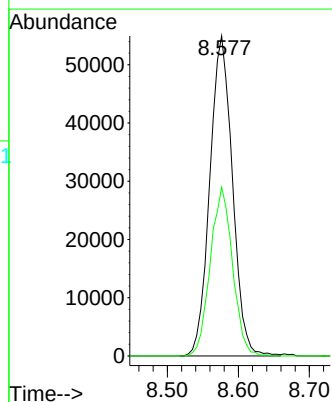
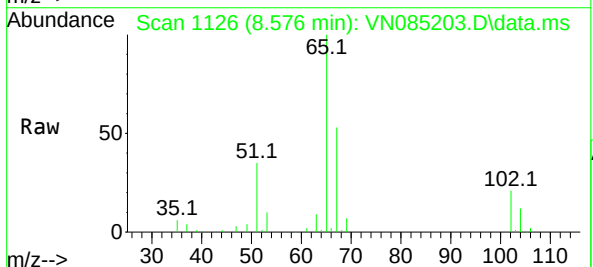


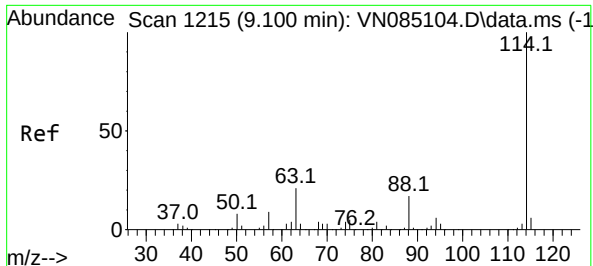
Tgt Ion:168 Resp: 177400
Ion Ratio Lower Upper
168 100
99 62.8 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 48.054 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 65 Resp: 121430
Ion Ratio Lower Upper
65 100
67 51.8 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: VN085203.D

Acq: 13 Dec 2024 17:51

Instrument :

MSVOA_N

ClientSampleId :

IBLK

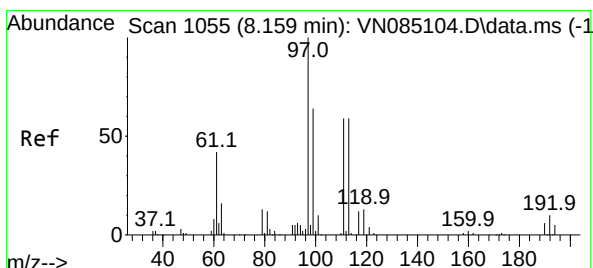
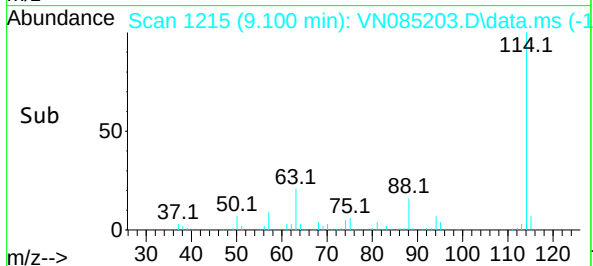
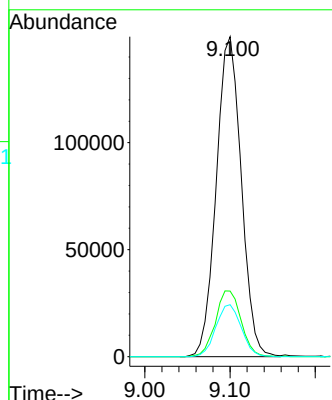
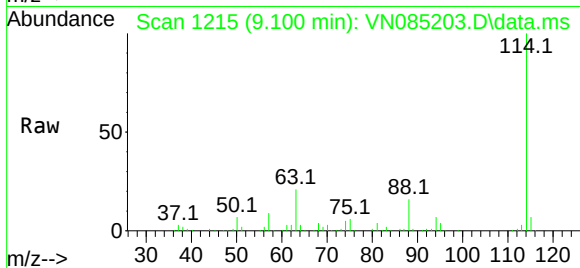
Tgt Ion:114 Resp: 304865

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 16.2 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.142 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085203.D

Acq: 13 Dec 2024 17:51

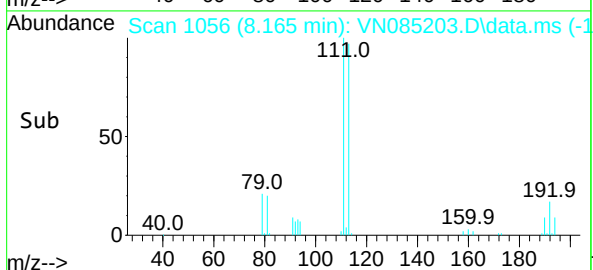
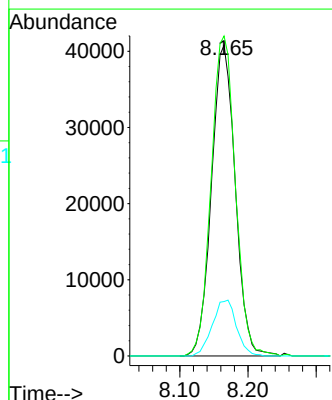
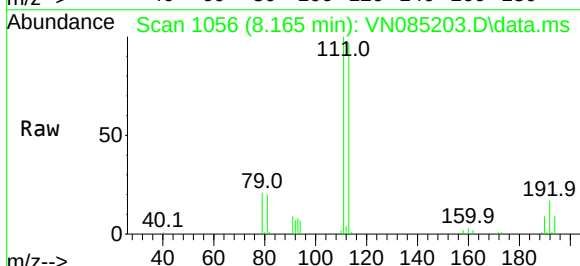
Tgt Ion:113 Resp: 98976

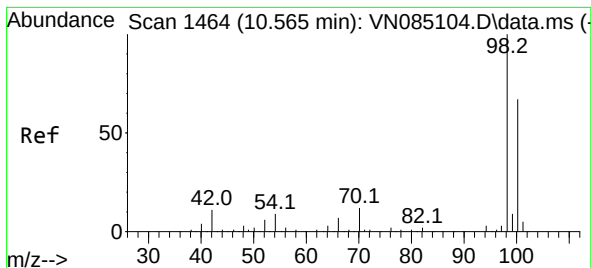
Ion Ratio Lower Upper

113 100

111 104.8 82.0 123.0

192 18.3 14.8 22.2

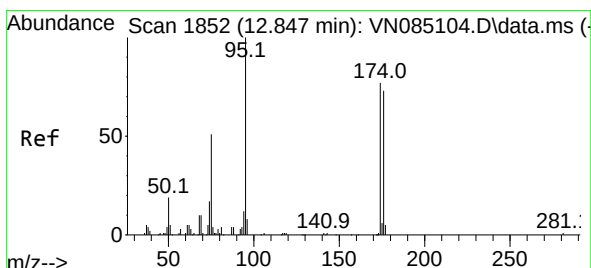
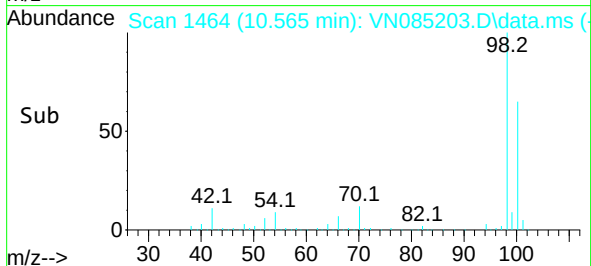
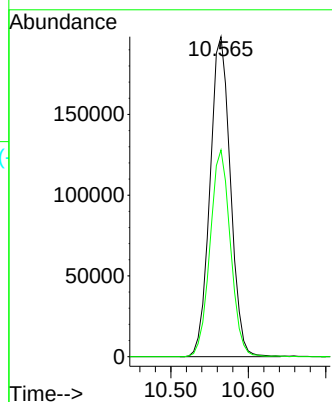
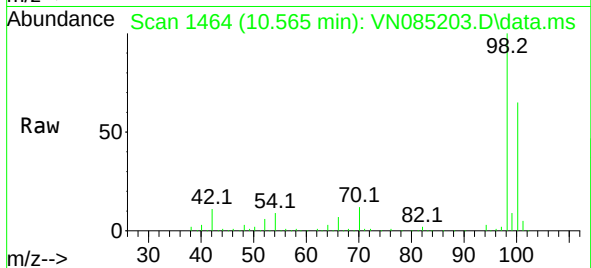




#50
Toluene-d8
Concen: 49.213 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

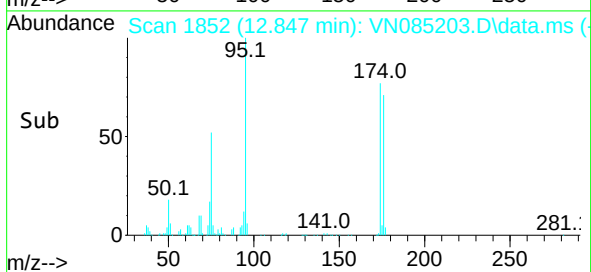
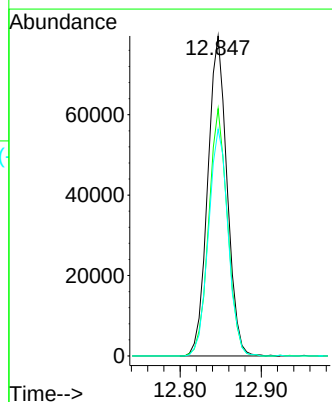
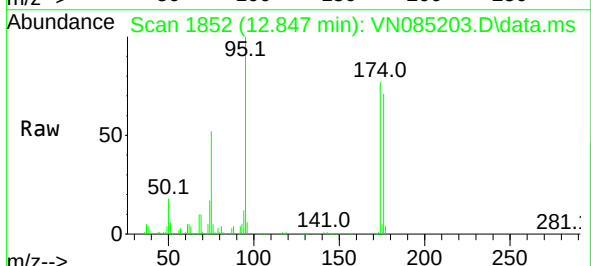
Instrument :
MSVOA_N
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IBLK

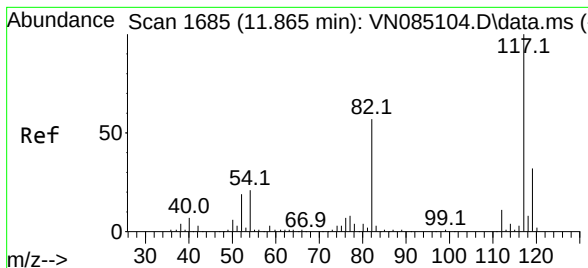
Tgt Ion: 98 Resp: 362597
Ion Ratio Lower Upper
98 100
100 64.4 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 47.625 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion: 95 Resp: 131223
Ion Ratio Lower Upper
95 100
174 75.2 0.0 146.6
176 71.8 0.0 141.8

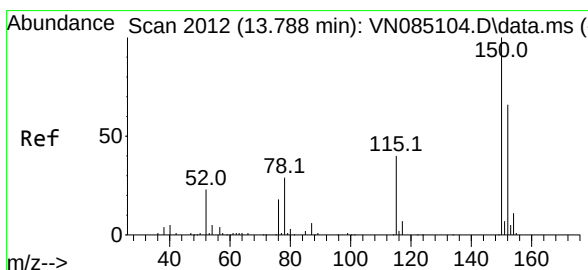
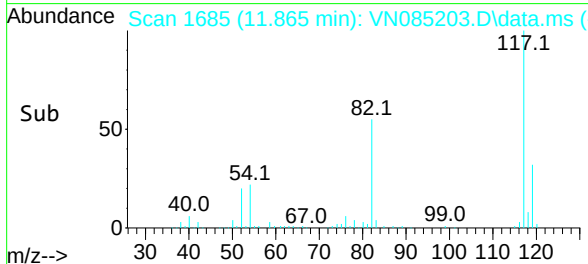
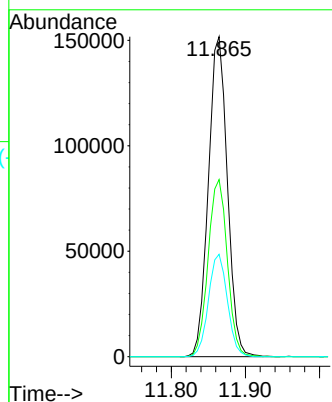
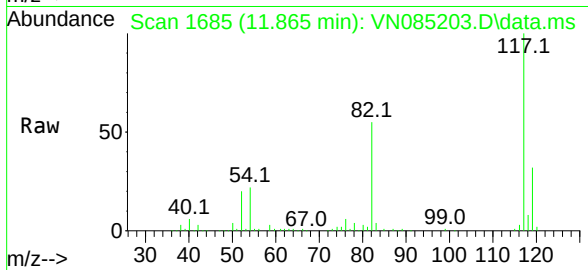




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

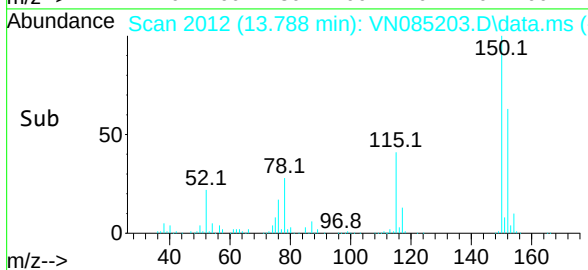
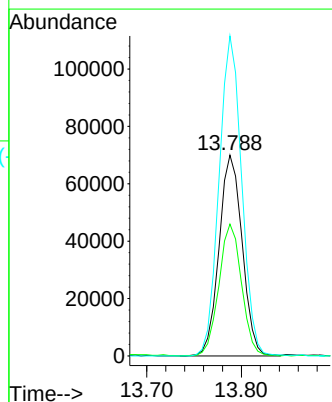
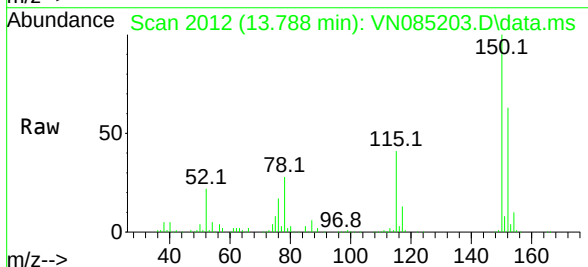
Instrument :
MSVOA_N
ClientSampleId :
IBLK

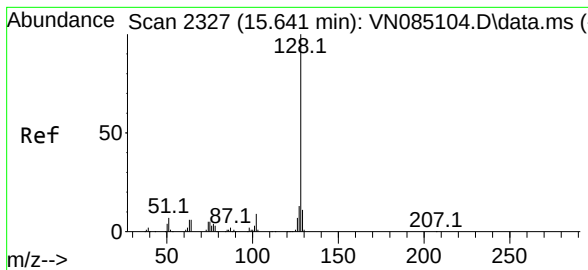
Tgt Ion:117 Resp: 270289
Ion Ratio Lower Upper
117 100
82 55.3 46.0 69.0
119 32.0 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085203.D
Acq: 13 Dec 2024 17:51

Tgt Ion:152 Resp: 118841
Ion Ratio Lower Upper
152 100
115 64.6 31.7 95.1
150 155.9 0.0 351.4





#95
 Naphthalene
 Concen: 11.041 ug/l
 RT: 15.635 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085203.D
 Acq: 13 Dec 2024 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion:	128	Resp:	72847
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.6	16.0
129	11.5	8.6	12.8

