

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123024\
 Data File : VN085356.D
 Acq On : 30 Dec 2024 19:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 31 02:19:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	144292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269542	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	98721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121594	59.083	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.160%	
35) Dibromofluoromethane	8.165	113	93462	55.581	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	111.160%	
50) Toluene-d8	10.565	98	333399	54.031	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.060%	
62) 4-Bromofluorobenzene	12.847	95	103672	50.589	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	101.180%	

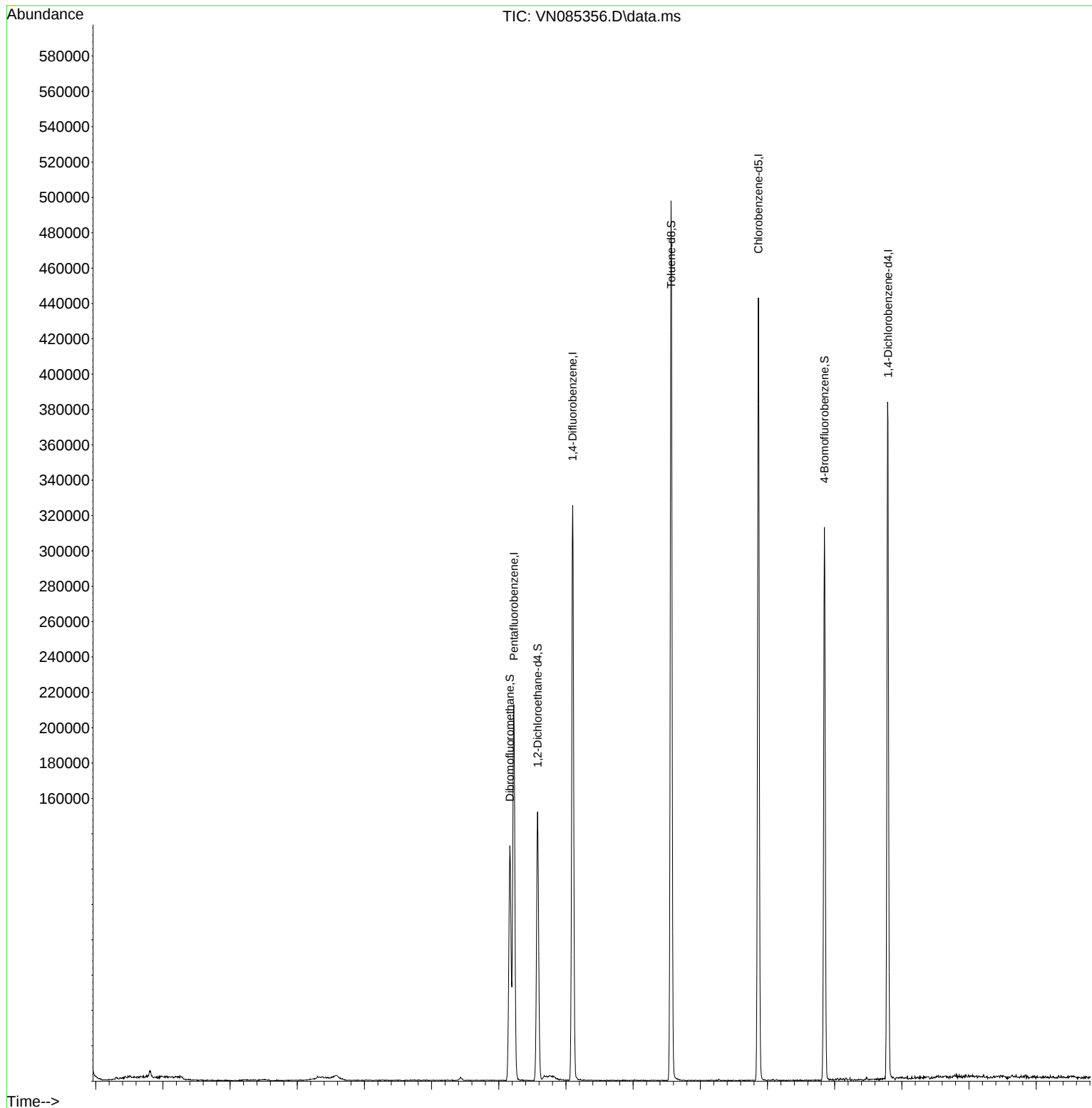
Target Compounds Qvalue

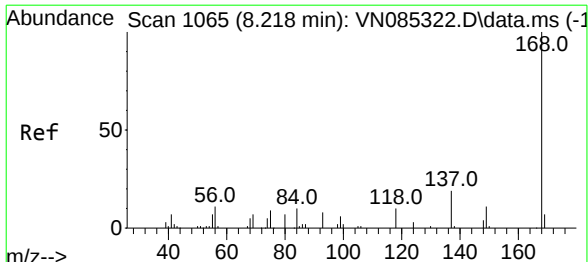
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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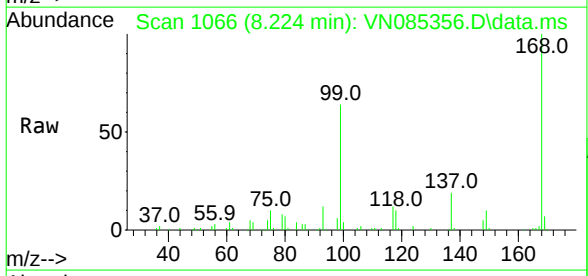
Quant Time: Dec 31 02:19:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
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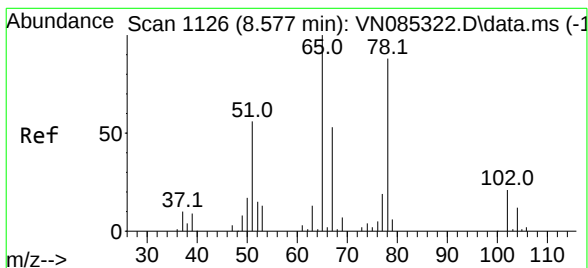
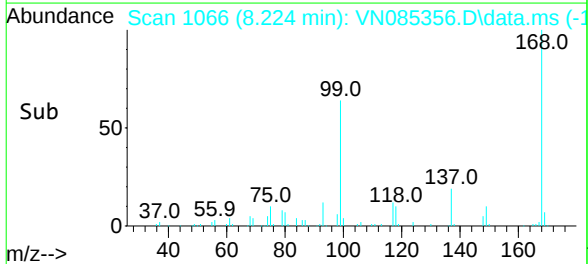
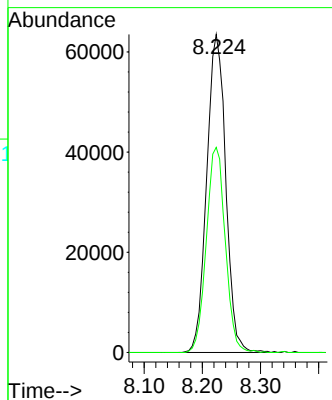


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085356.D
 Acq: 30 Dec 2024 19:39

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

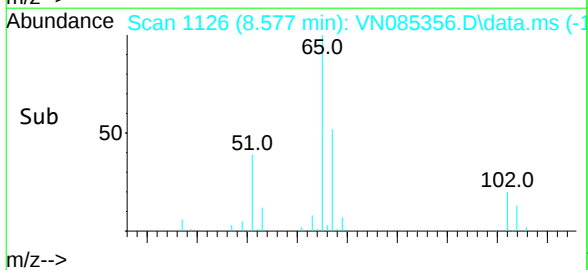
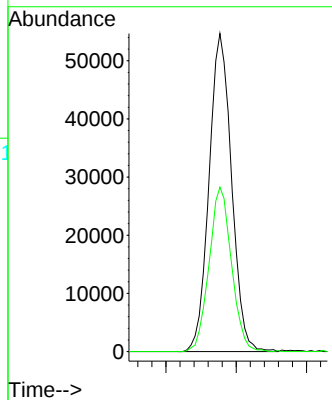
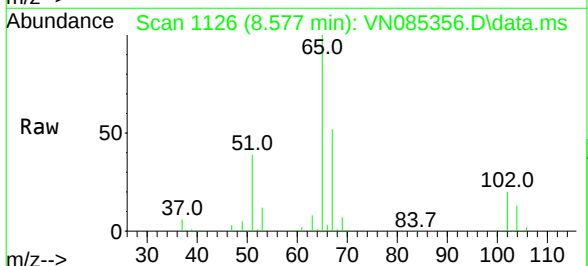


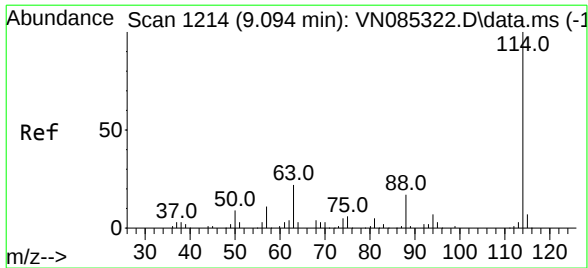
Tgt Ion: 168 Resp: 144292
 Ion Ratio Lower Upper
 168 100
 99 64.5 51.0 76.4



#33
 1,2-Dichloroethane-d4
 Concen: 59.083 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085356.D
 Acq: 30 Dec 2024 19:39

Tgt Ion: 65 Resp: 121594
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0

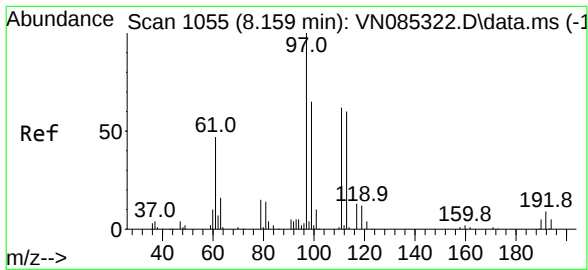
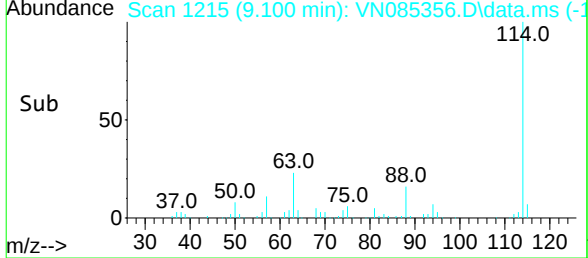
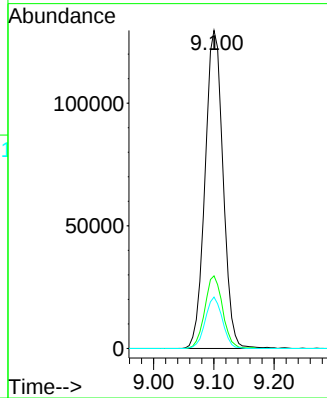
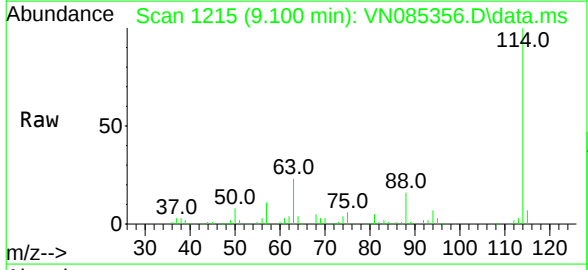




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

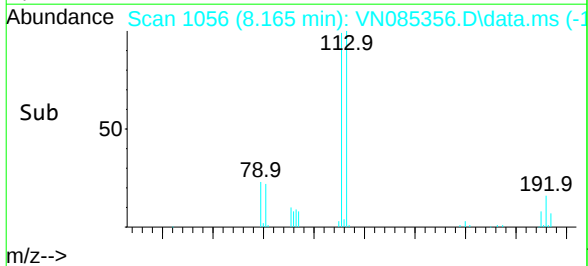
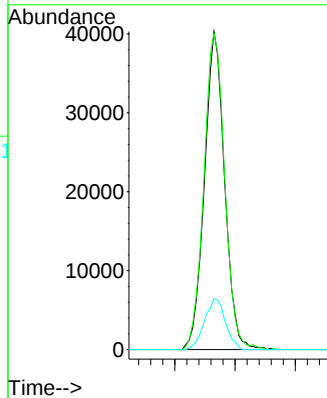
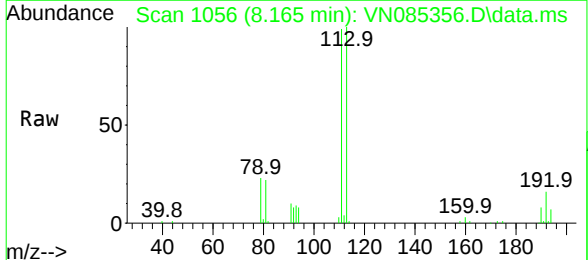
Instrument :
MSVOA_N
ClientSampleId :
IBLK

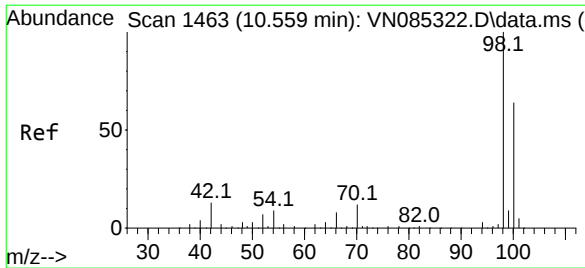
Tgt Ion:	114	Resp:	269542
Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	43.4
88	16.2	0.0	33.6



#35
Dibromofluoromethane
Concen: 55.581 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Tgt Ion:	113	Resp:	93462
Ion	Ratio	Lower	Upper
113	100		
111	103.2	80.5	120.7
192	16.6	12.9	19.3





#50

Toluene-d8

Concen: 54.031 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN085356.D

Acq: 30 Dec 2024 19:39

Instrument :

MSVOA_N

ClientSampleId :

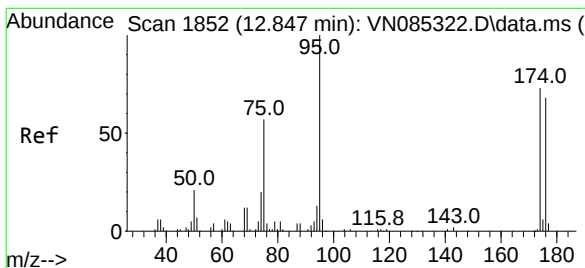
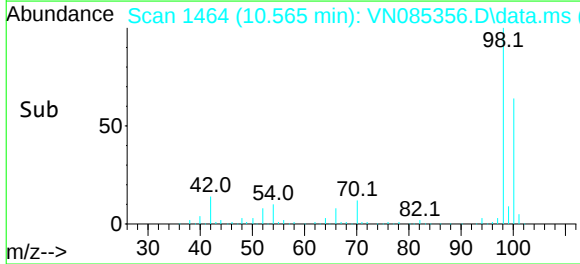
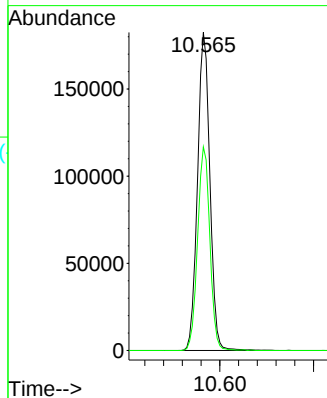
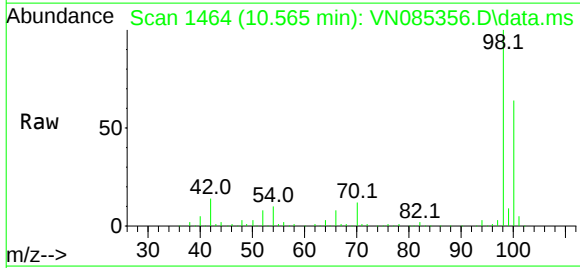
IBLK

Tgt Ion: 98 Resp: 333399

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 50.589 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085356.D

Acq: 30 Dec 2024 19:39

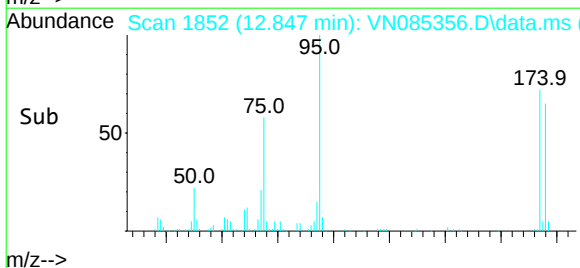
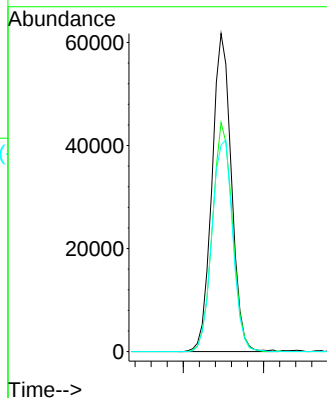
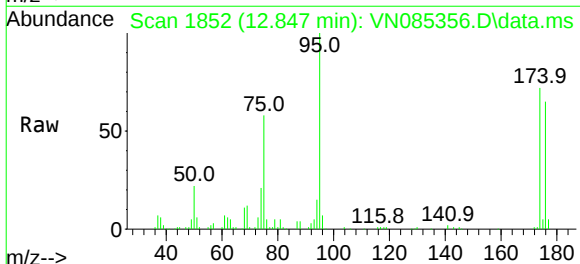
Tgt Ion: 95 Resp: 103672

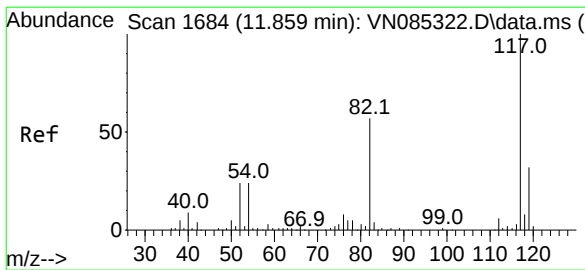
Ion Ratio Lower Upper

95 100

174 74.3 0.0 143.2

176 71.4 0.0 135.8

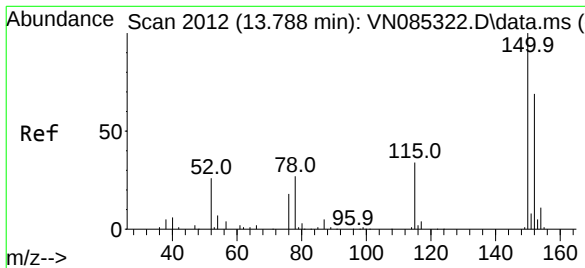
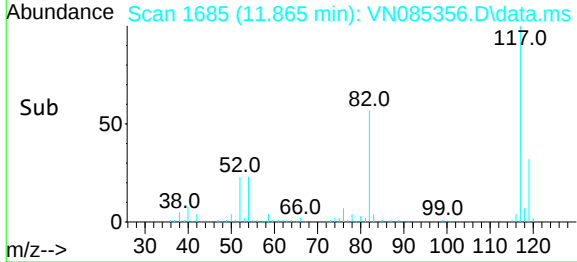
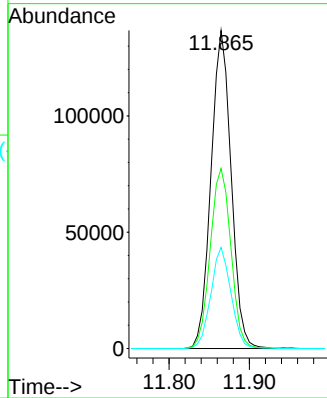
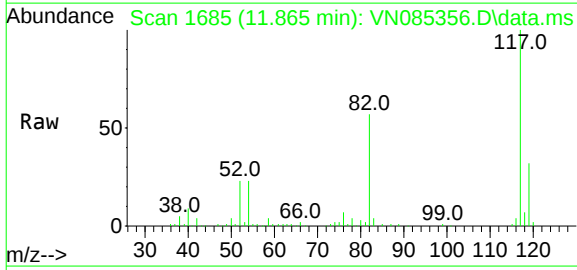




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. 0.006 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 237668
Ion Ratio Lower Upper
117 100
82 56.6 45.7 68.5
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN085356.D
Acq: 30 Dec 2024 19:39

Tgt Ion:152 Resp: 98721
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 158.4 0.0 345.0

