

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
 Data File : VN085327.D
 Acq On : 27 Dec 2024 13:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 28 01:40:08 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	120723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	221370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	188737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	72957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	96912	56.284	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	112.560%	
35) Dibromofluoromethane	8.159	113	73263	53.050	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	106.100%	
50) Toluene-d8	10.565	98	270098	53.297	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	106.600%	
62) 4-Bromofluorobenzene	12.847	95	79232	47.076	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	94.160%	

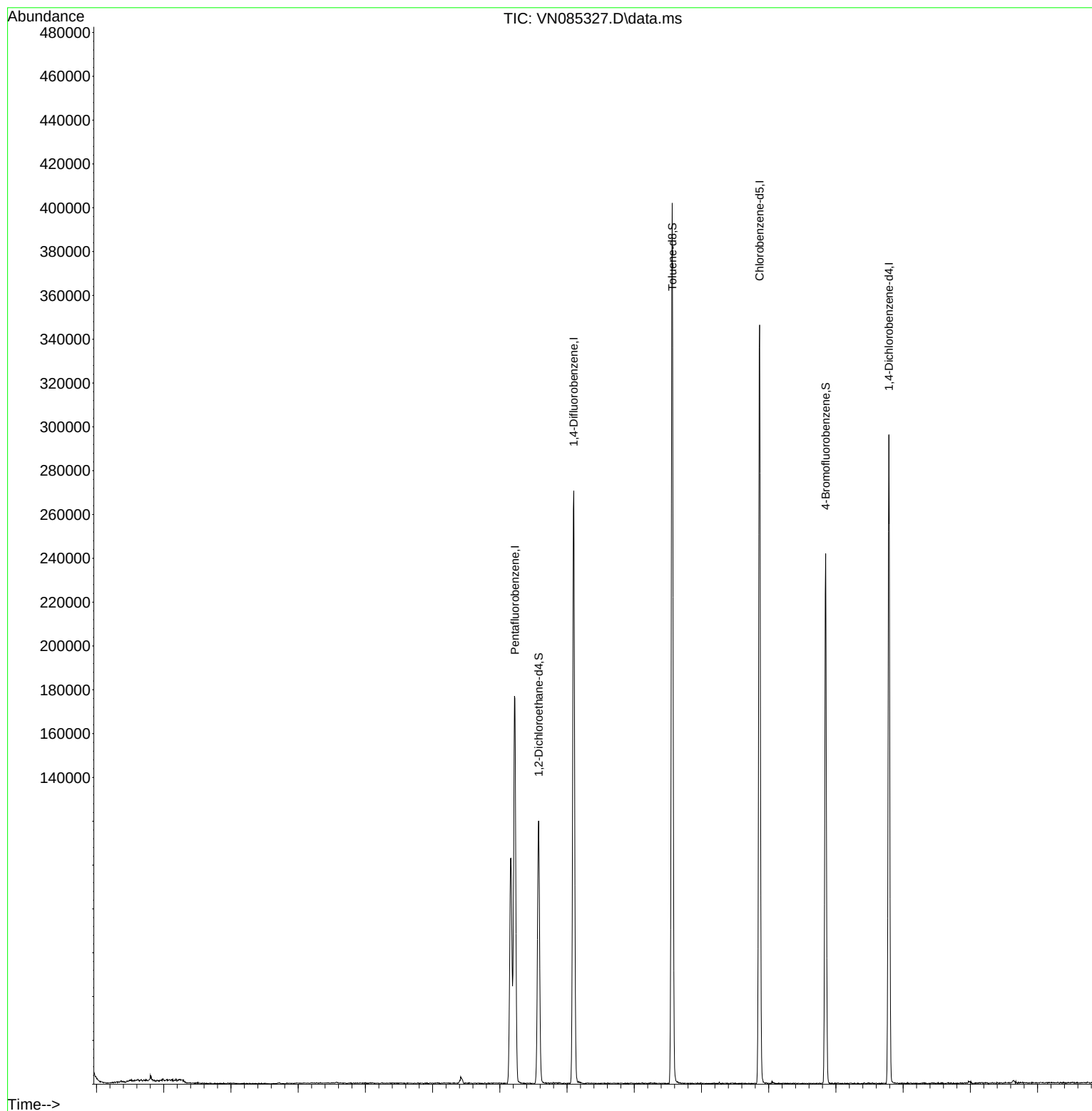
Target Compounds Qvalue

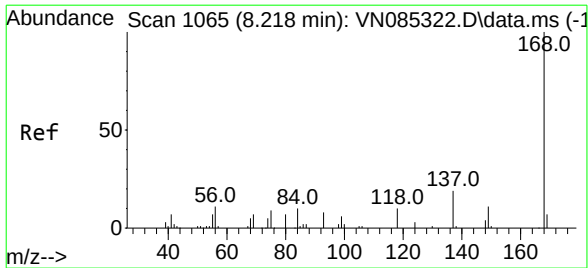
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122724\
Data File : VN085327.D
Acq On : 27 Dec 2024 13:12
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

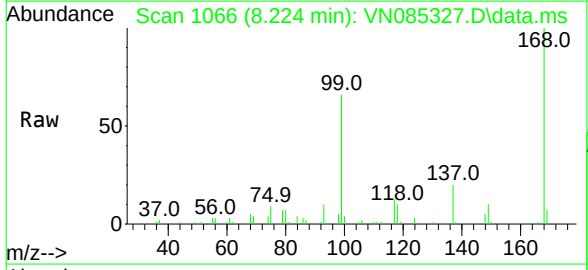
Quant Time: Dec 28 01:40:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
Quant Title : SW846 8260
QLast Update : Sat Dec 28 01:36:16 2024
Response via : Initial Calibration



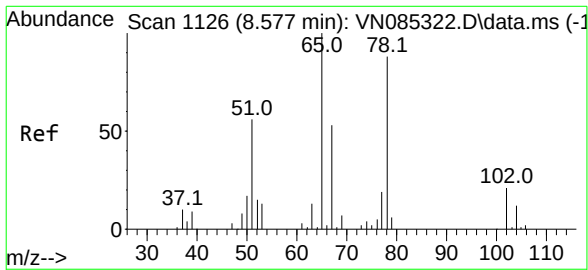
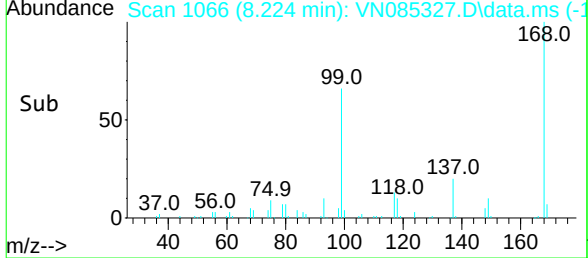
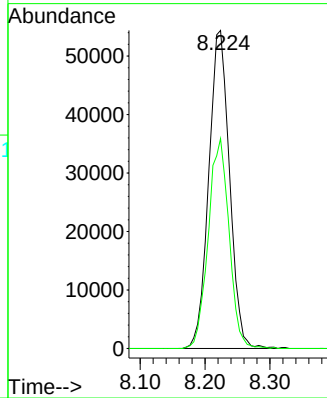


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. 0.006 min
 Lab File: VN085327.D
 Acq: 27 Dec 2024 13:12

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

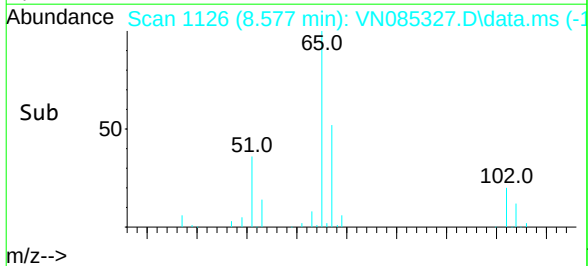
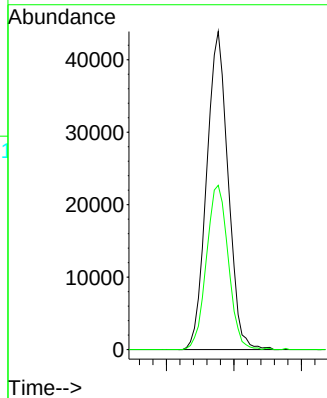
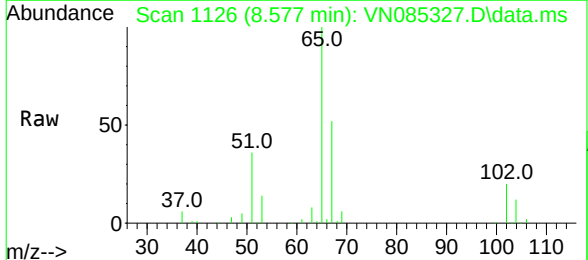


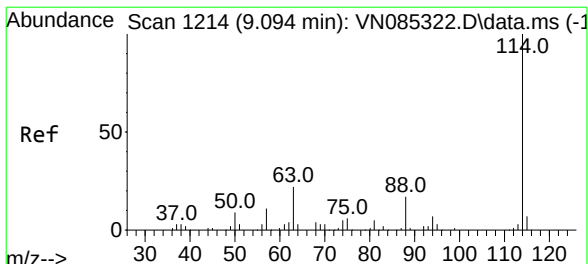
Tgt Ion:168 Resp: 120723
 Ion Ratio Lower Upper
 168 100
 99 66.0 51.0 76.4



#33
 1,2-Dichloroethane-d4
 Concen: 56.284 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085327.D
 Acq: 27 Dec 2024 13:12

Tgt Ion: 65 Resp: 96912
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.0

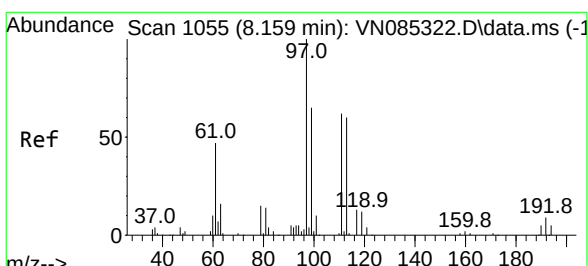
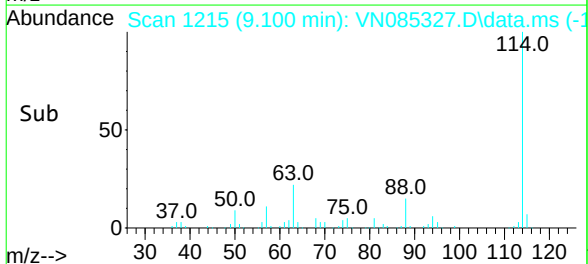
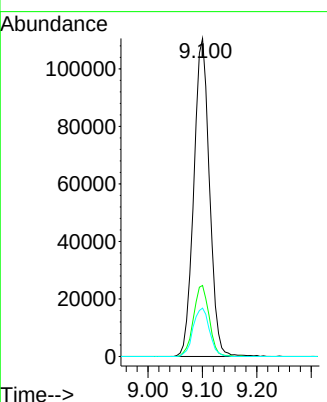
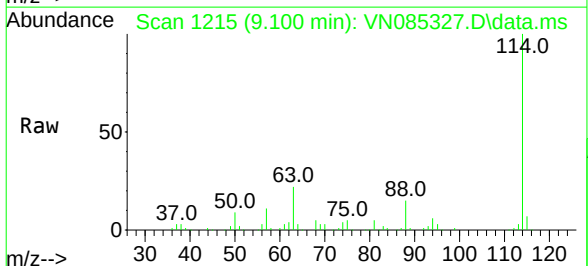




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1214
 Delta R.T. 0.006 min
 Lab File: VN085327.D
 Acq: 27 Dec 2024 13:12

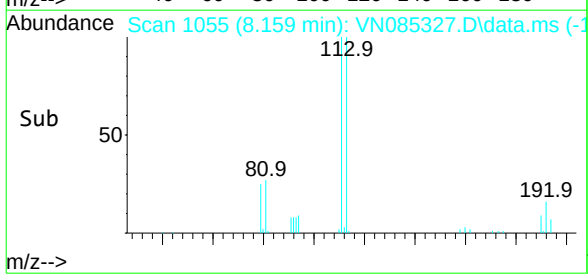
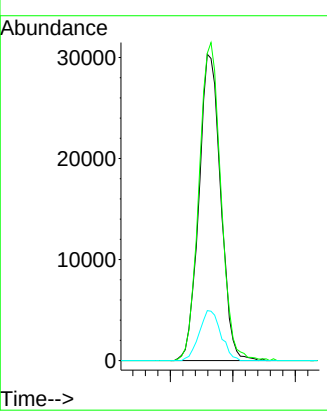
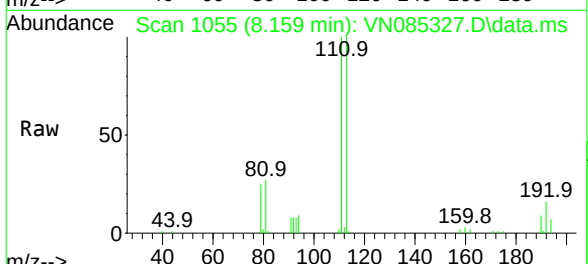
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

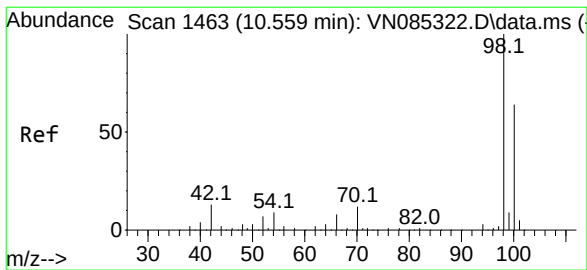
Tgt Ion:	114	Resp:	221370
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	43.4
88	15.2	0.0	33.6



#35
 Dibromofluoromethane
 Concen: 53.050 ug/l
 RT: 8.159 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VN085327.D
 Acq: 27 Dec 2024 13:12

Tgt Ion:	113	Resp:	73263
Ion	Ratio	Lower	Upper
113	100		
111	104.9	80.5	120.7
192	16.2	12.9	19.3





#50

Toluene-d8

Concen: 53.297 ug/l

RT: 10.565 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN085327.D

Acq: 27 Dec 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

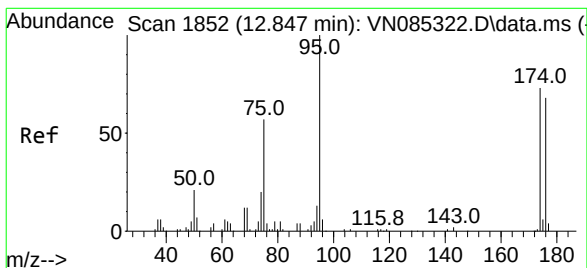
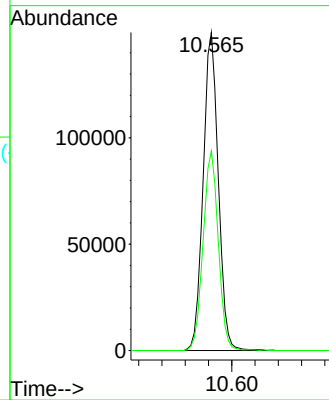
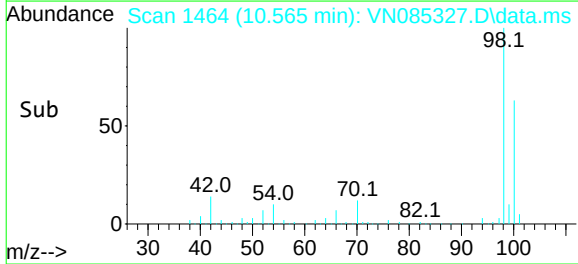
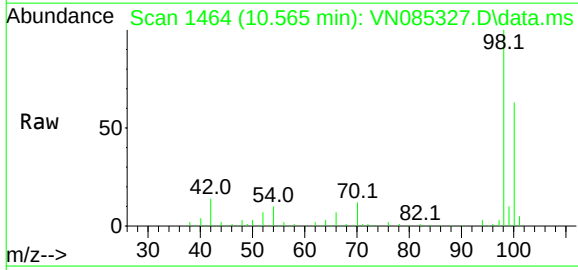
IBLK

Tgt Ion: 98 Resp: 270098

Ion Ratio Lower Upper

98 100

100 62.9 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.076 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN085327.D

Acq: 27 Dec 2024 13:12

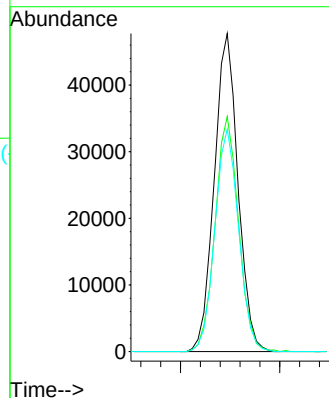
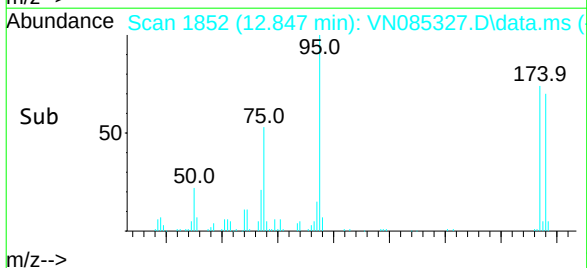
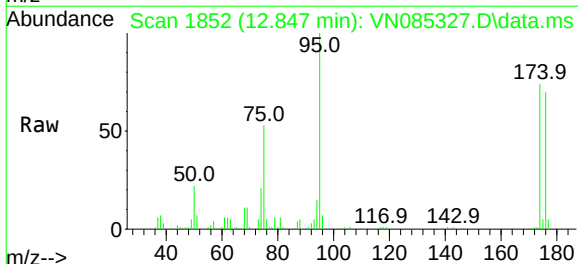
Tgt Ion: 95 Resp: 79232

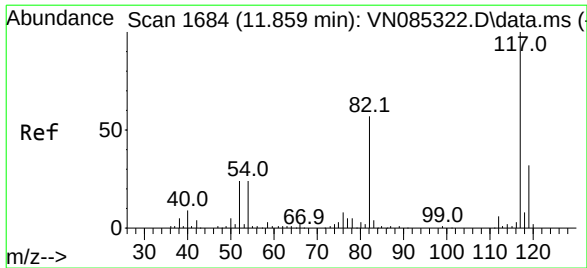
Ion Ratio Lower Upper

95 100

174 73.3 0.0 143.2

176 70.0 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: VN085327.D

Acq: 27 Dec 2024 13:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

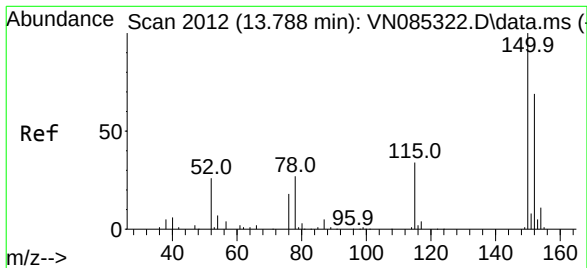
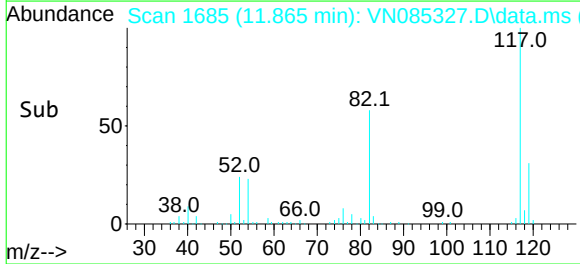
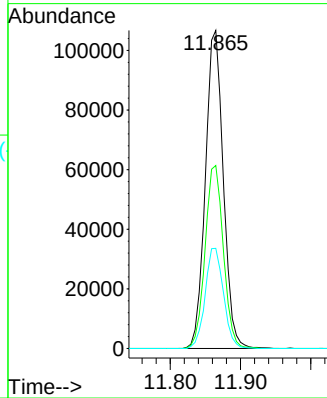
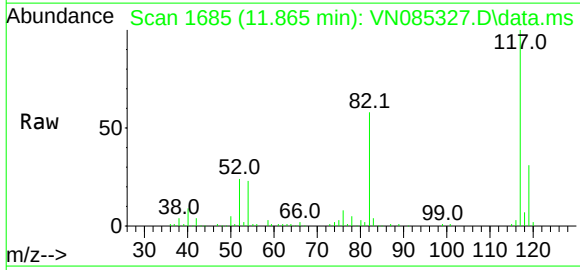
Tgt Ion:117 Resp: 188737

Ion Ratio Lower Upper

117 100

82 57.5 45.7 68.5

119 31.5 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085327.D

Acq: 27 Dec 2024 13:12

Tgt Ion:152 Resp: 72957

Ion Ratio Lower Upper

152 100

115 62.6 30.4 91.3

150 160.7 0.0 345.0

