

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073499.D
 Acq On : 18 Jul 2022 15:15
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 19 07:04:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	254073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	432773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	406012	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	190842	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	171070	46.641	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.280%
35) Dibromofluoromethane	7.951	113	142231	49.398	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.800%
50) Toluene-d8	10.380	98	456726	44.662	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.320%
62) 4-Bromofluorobenzene	12.674	95	189674	48.264	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.520%

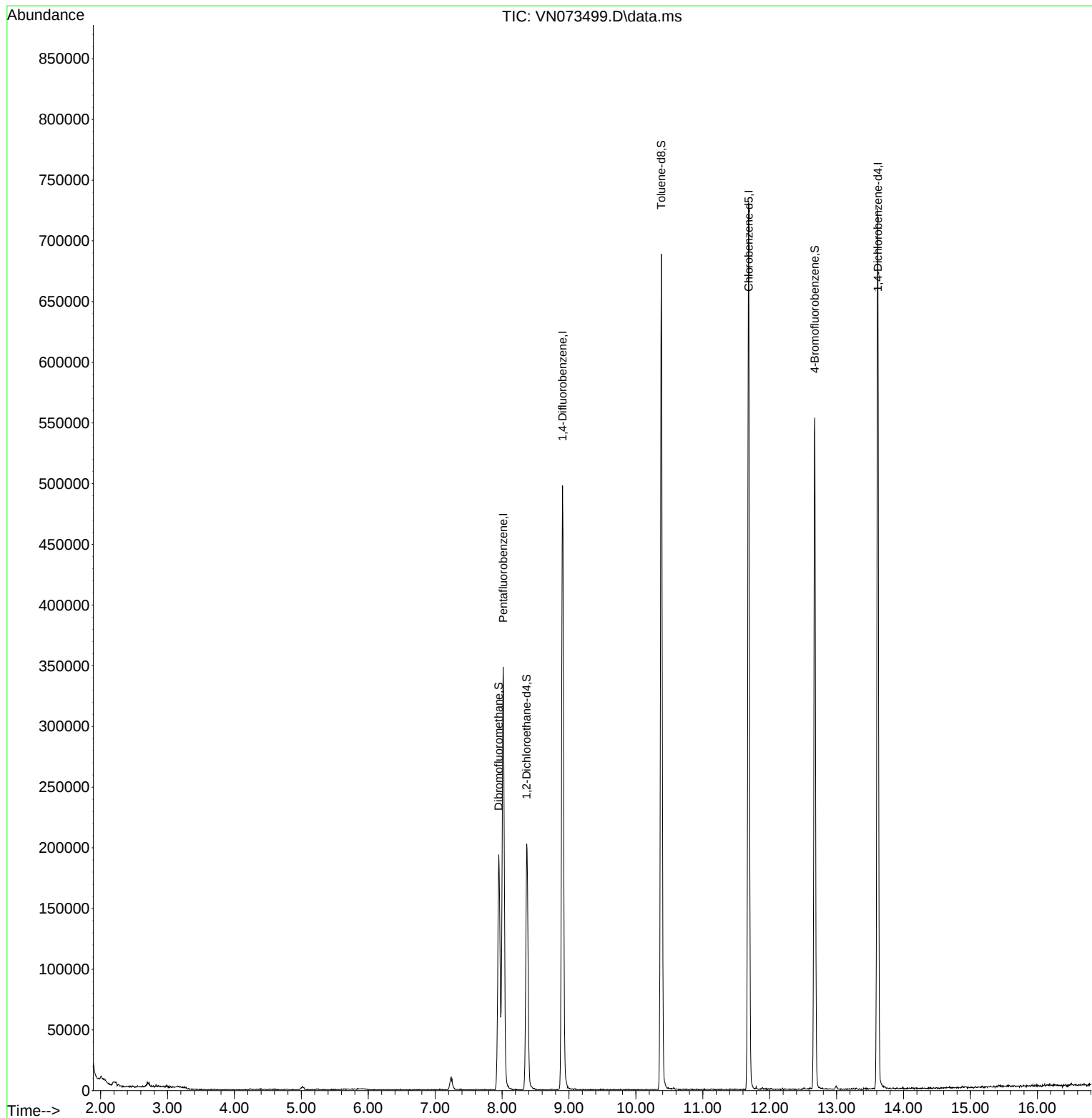
Target Compounds	Qvalue

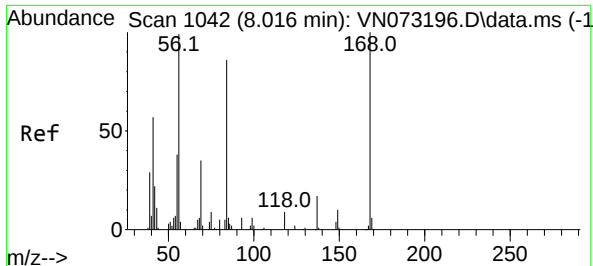
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
Data File : VN073499.D
Acq On : 18 Jul 2022 15:15
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Quant Time: Jul 19 07:04:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

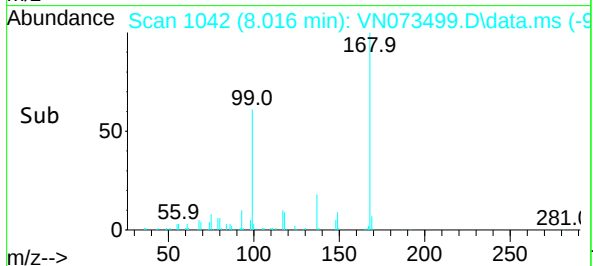
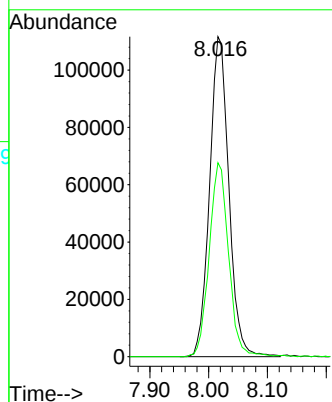
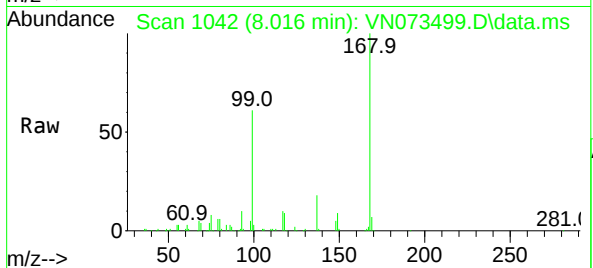




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073499.D
Acq: 18 Jul 2022 15:15

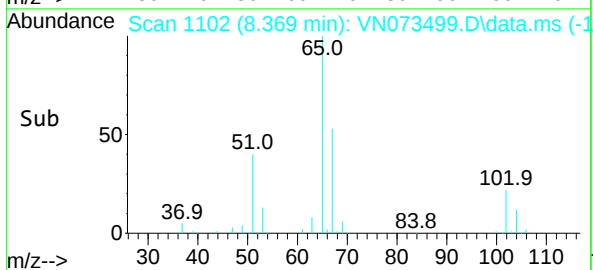
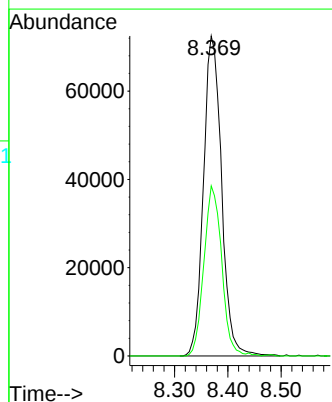
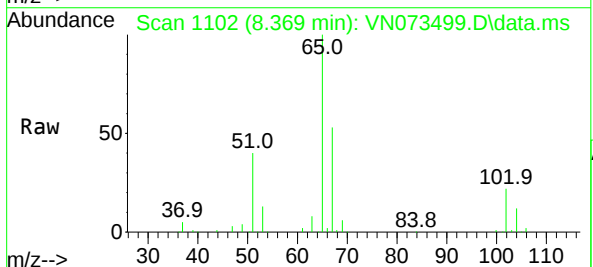
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 254073
Ion Ratio Lower Upper
168 100
99 60.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.641 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073499.D
Acq: 18 Jul 2022 15:15

Tgt Ion: 65 Resp: 171070
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073499.D

Acq: 18 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK

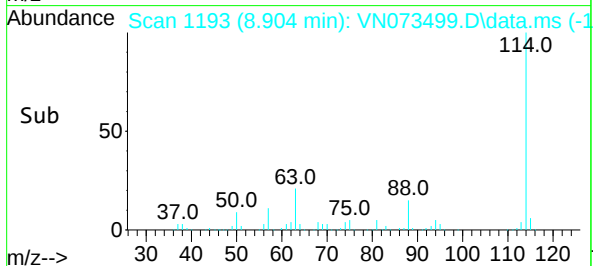
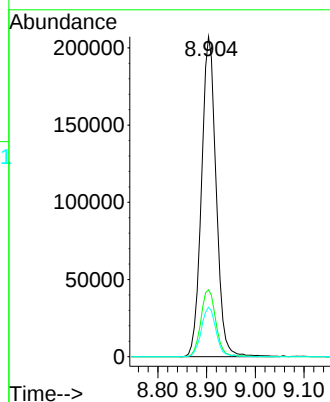
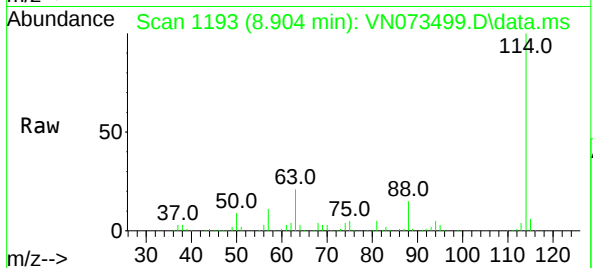
Tgt Ion:114 Resp: 432773

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.0

88 15.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.398 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073499.D

Acq: 18 Jul 2022 15:15

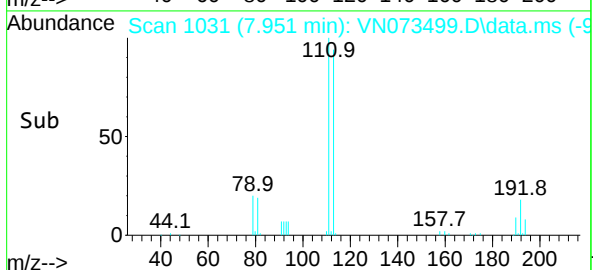
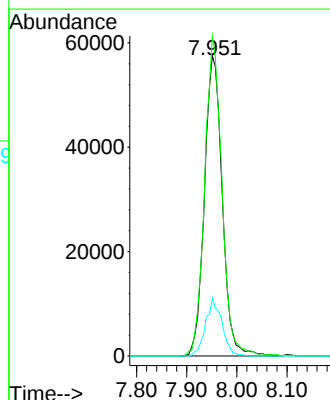
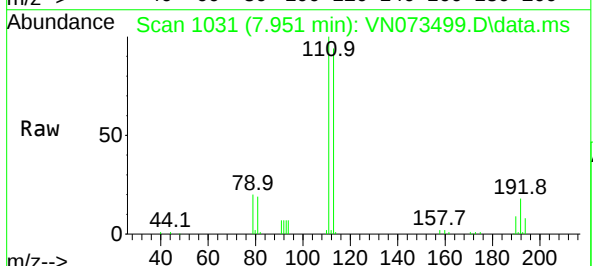
Tgt Ion:113 Resp: 142231

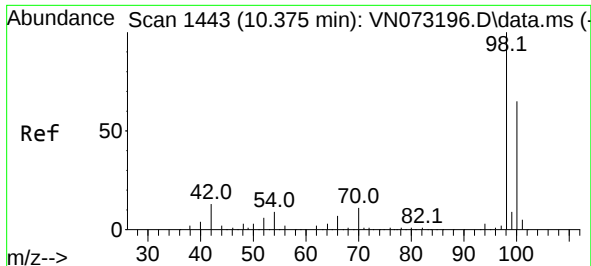
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 17.6 17.0 25.6

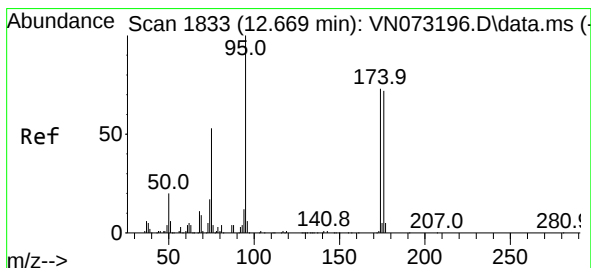
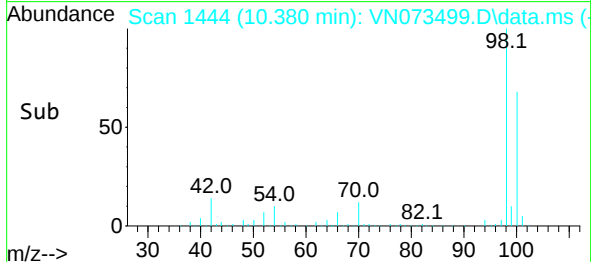
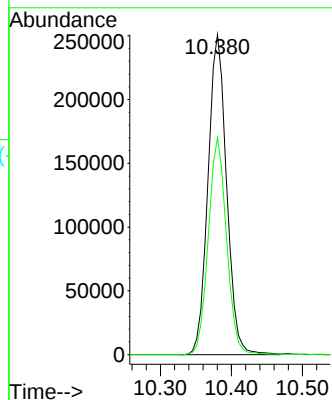
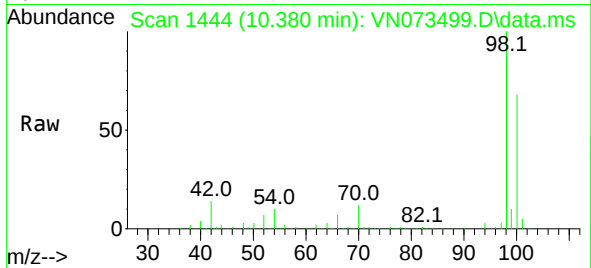




#50
Toluene-d8
Concen: 44.662 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073499.D
Acq: 18 Jul 2022 15:15

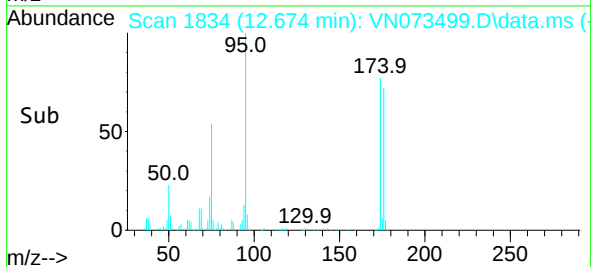
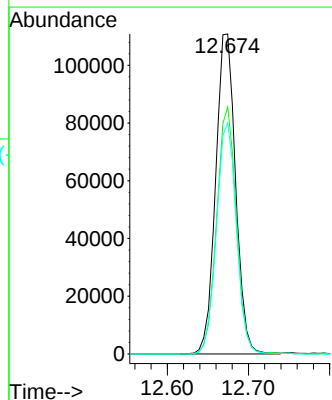
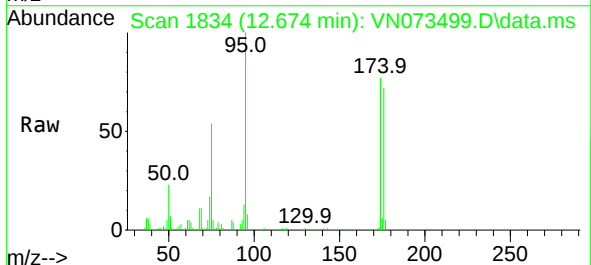
Instrument :
MSVOA_N
ClientSampleId :
IBLK

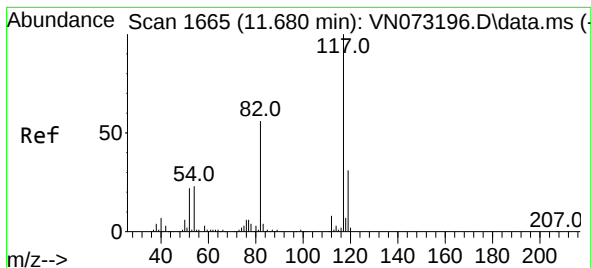
Tgt Ion: 98 Resp: 456726
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.264 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.005 min
Lab File: VN073499.D
Acq: 18 Jul 2022 15:15

Tgt Ion: 95 Resp: 189674
Ion Ratio Lower Upper
95 100
174 76.1 0.0 167.6
176 71.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073499.D

Acq: 18 Jul 2022 15:15

Instrument :

MSVOA_N

ClientSampleId :

IBLK

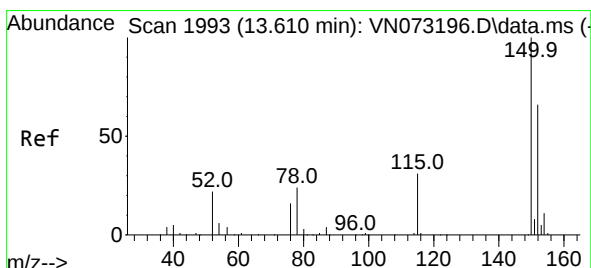
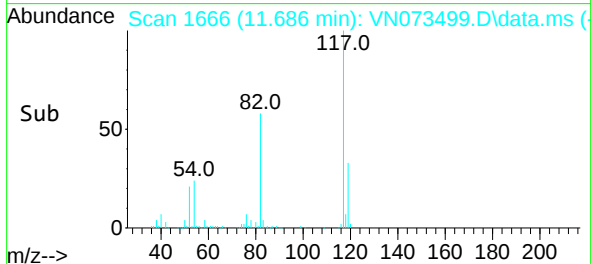
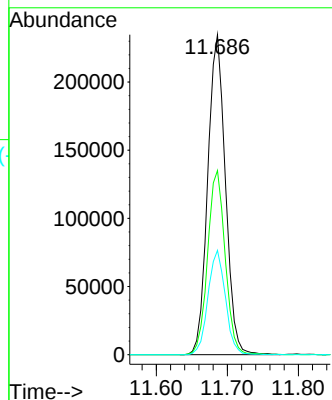
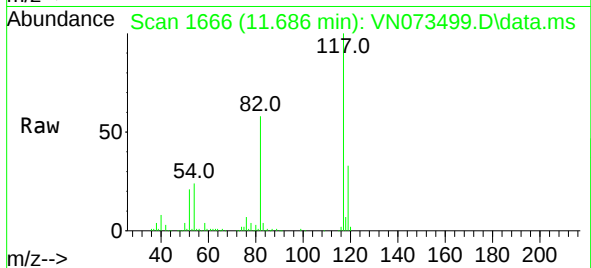
Tgt Ion:117 Resp: 406012

Ion Ratio Lower Upper

117 100

82 57.6 44.2 66.2

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073499.D

Acq: 18 Jul 2022 15:15

Tgt Ion:152 Resp: 190842

Ion Ratio Lower Upper

152 100

115 60.1 28.9 86.7

150 157.8 0.0 356.2

