

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074516.D
 Acq On : 16 Sep 2022 17:38
 Operator : JC\MD
 Sample : N4508-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-090222

Quant Time: Sep 16 22:34:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	326501	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	649389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	621632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	271259	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	265777	47.975	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	7.945	113	219418	50.865	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.381	98	791192	47.425	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.675	95	305677	53.498	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.000%

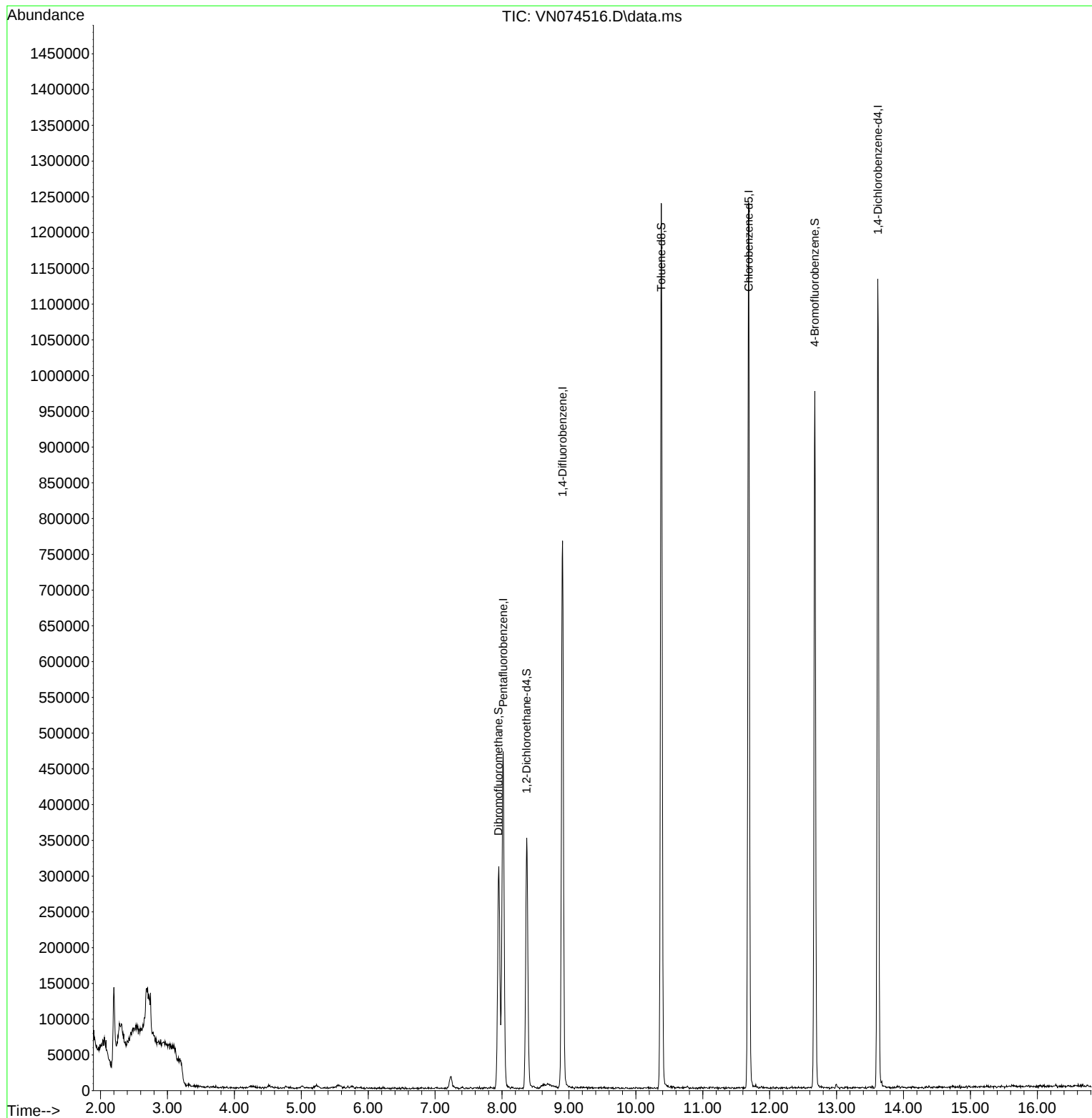
Target Compounds	Qvalue

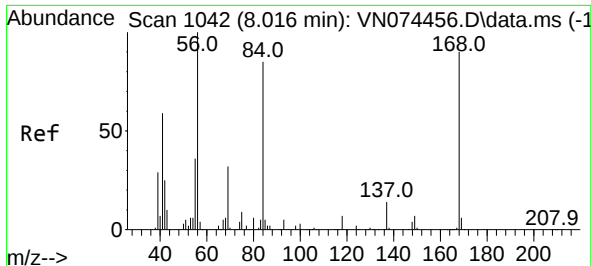
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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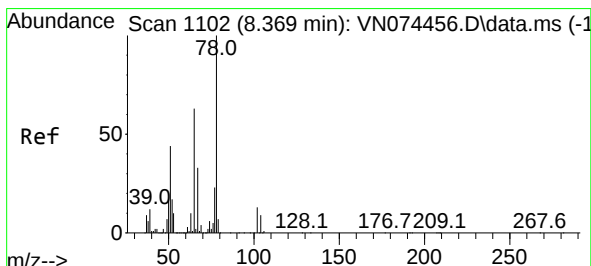
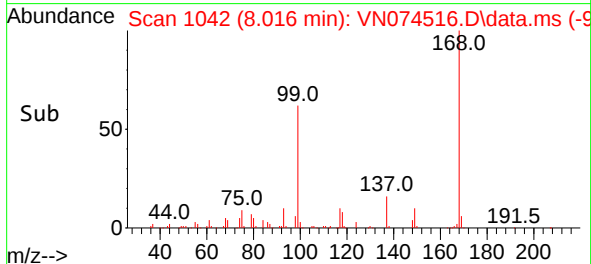
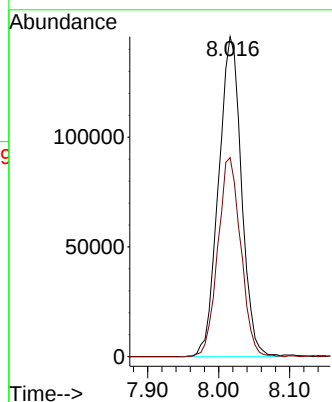
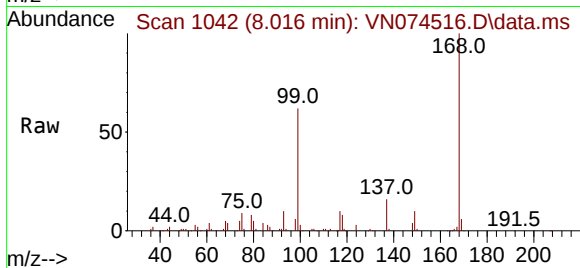




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074516.D
Acq: 16 Sep 2022 17:38

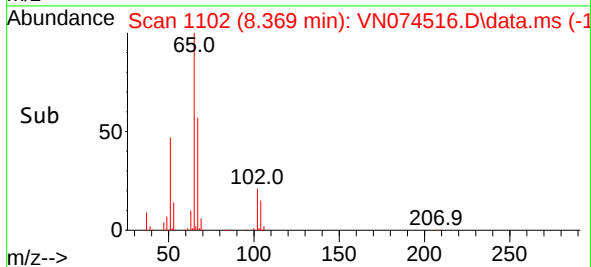
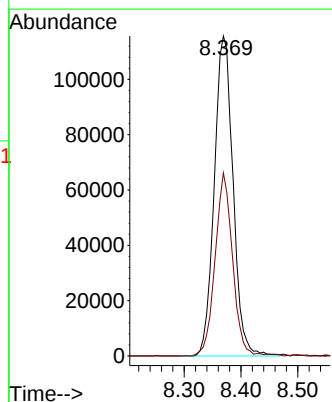
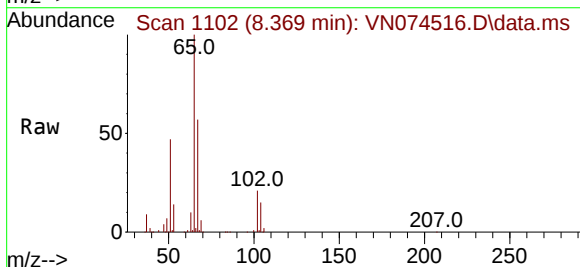
Instrument :
MSVOA_N
ClientSampleId :
TB01-090222

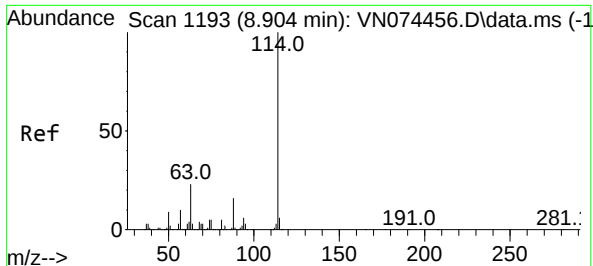
Tgt Ion:168 Resp: 326501
Ion Ratio Lower Upper
168 100
99 62.2 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.975 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074516.D
Acq: 16 Sep 2022 17:38

Tgt Ion: 65 Resp: 265777
Ion Ratio Lower Upper
65 100
67 53.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074516.D

Acq: 16 Sep 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

TB01-090222

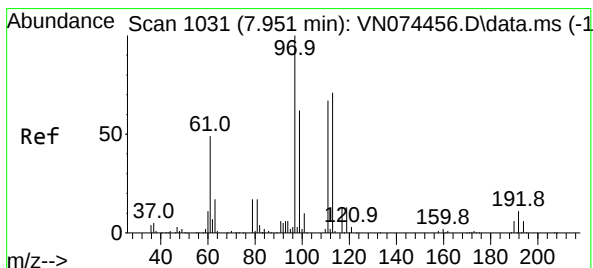
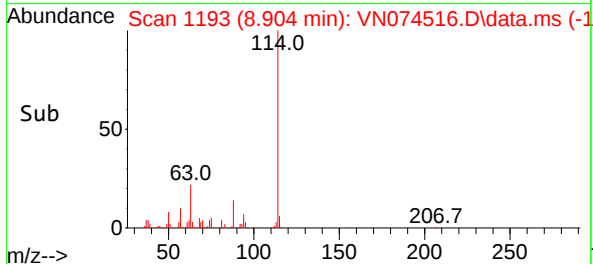
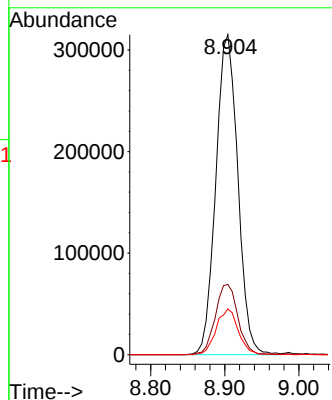
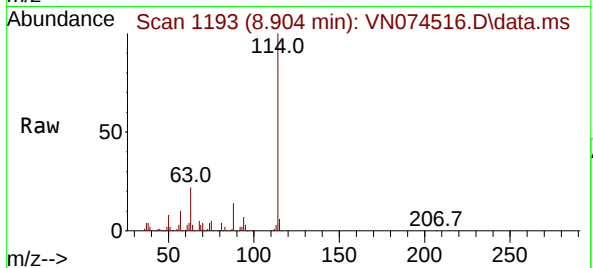
Tgt Ion:114 Resp: 649389

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 14.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.865 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074516.D

Acq: 16 Sep 2022 17:38

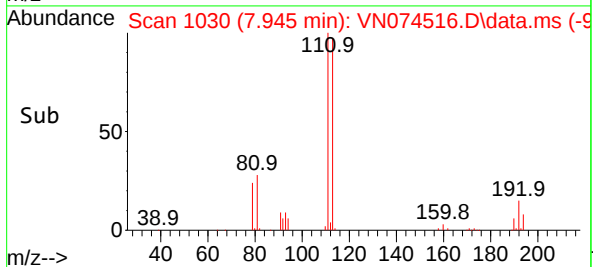
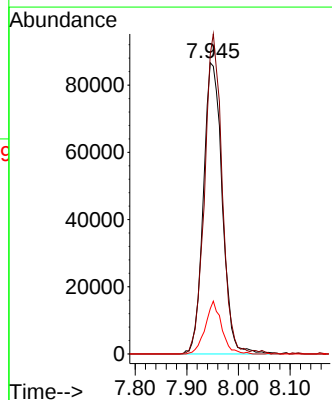
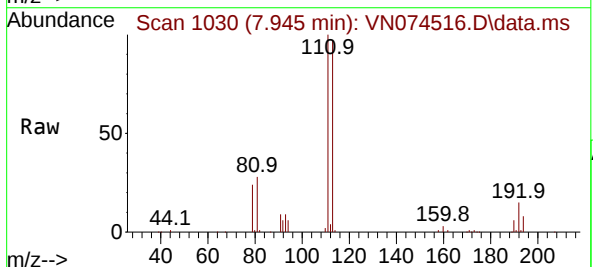
Tgt Ion:113 Resp: 219418

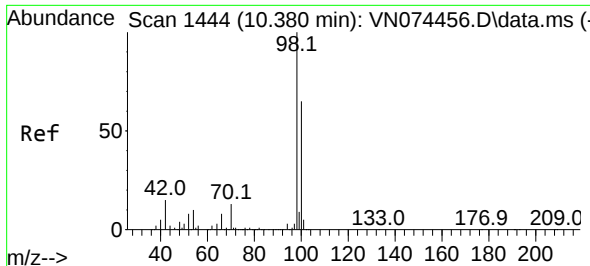
Ion Ratio Lower Upper

113 100

111 101.7 81.4 122.0

192 15.8 17.0 25.6#

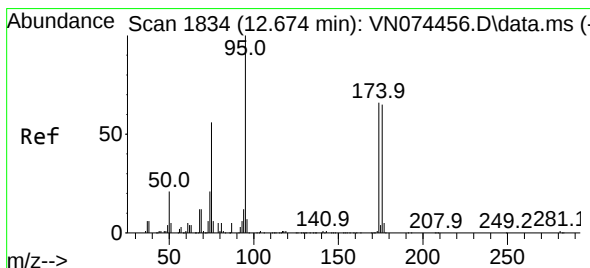
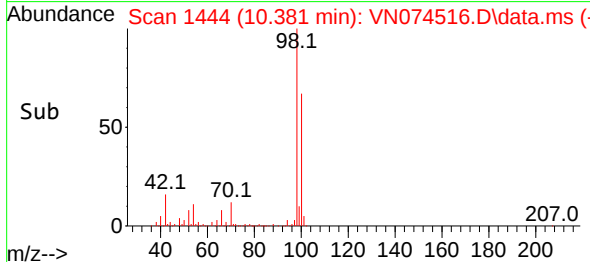
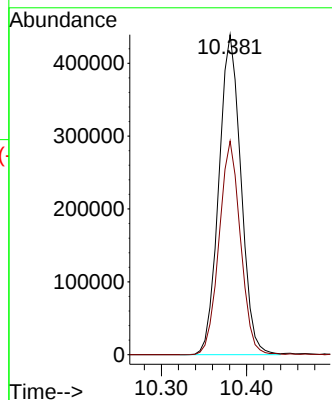
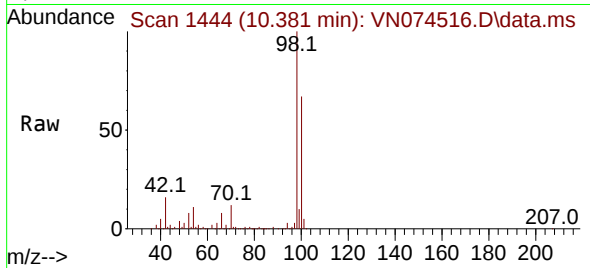




#50
Toluene-d8
Concen: 47.425 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074516.D
Acq: 16 Sep 2022 17:38

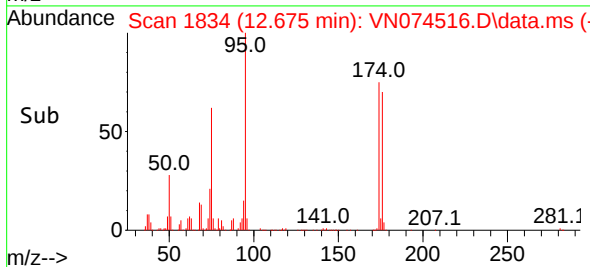
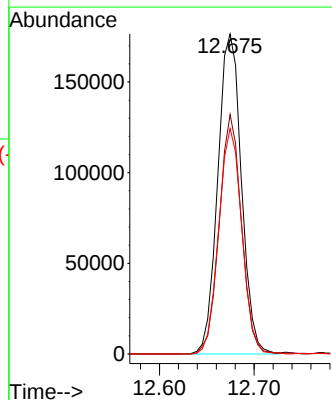
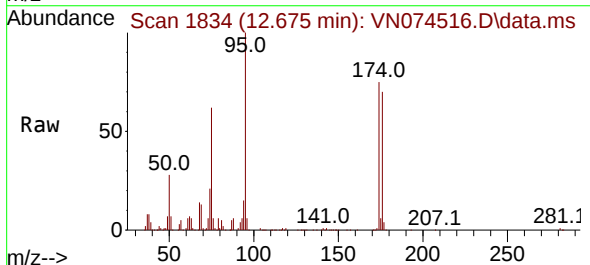
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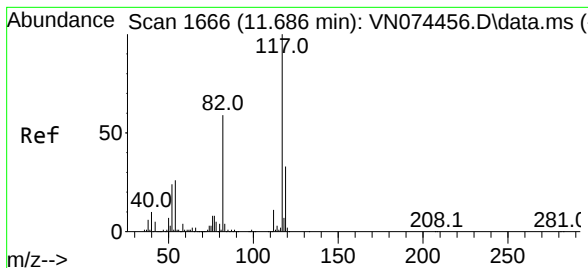
Tgt Ion: 98 Resp: 791192
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.498 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN074516.D
Acq: 16 Sep 2022 17:38

Tgt Ion: 95 Resp: 305677
Ion Ratio Lower Upper
95 100
174 70.3 0.0 167.6
176 68.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074516.D

Acq: 16 Sep 2022 17:38

Instrument :

MSVOA_N

ClientSampleId :

TB01-090222

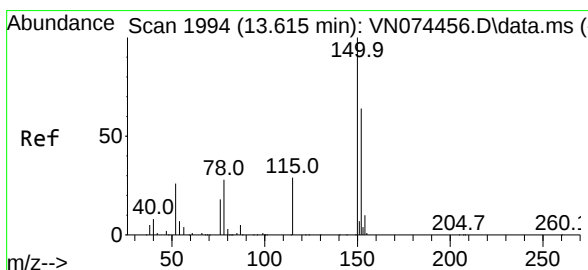
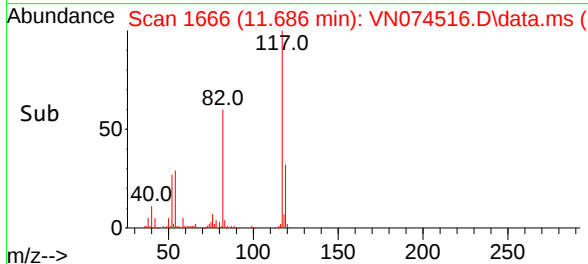
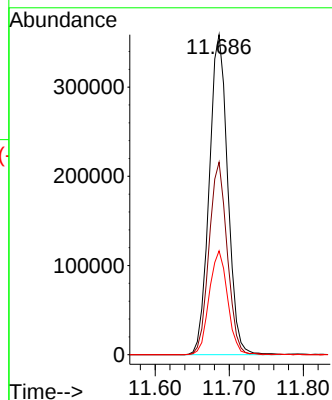
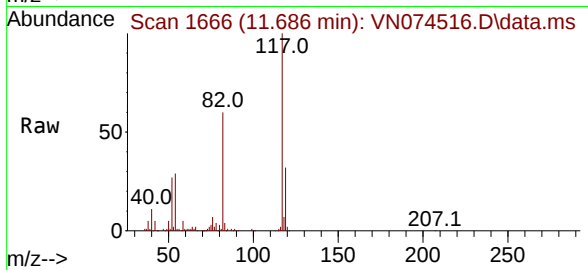
Tgt Ion:117 Resp: 621632

Ion Ratio Lower Upper

117 100

82 60.2 44.2 66.2

119 32.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN074516.D

Acq: 16 Sep 2022 17:38

Tgt Ion:152 Resp: 271259

Ion Ratio Lower Upper

152 100

115 59.5 28.9 86.7

150 157.0 0.0 356.2

