

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091322\
 Data File : VN074444.D
 Acq On : 13 Sep 2022 19:45
 Operator : JC\MD
 Sample : N4492-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BR-02-123-143-090122-H

Quant Time: Sep 14 08:05:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	198761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	381413	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	368298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.621	152	169093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	170453	49.567	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.140%
35) Dibromofluoromethane	7.951	113	135585	52.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.320%
50) Toluene-d8	10.380	98	459743	45.823	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.640%
62) 4-Bromofluorobenzene	12.680	95	184310	50.598	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.200%

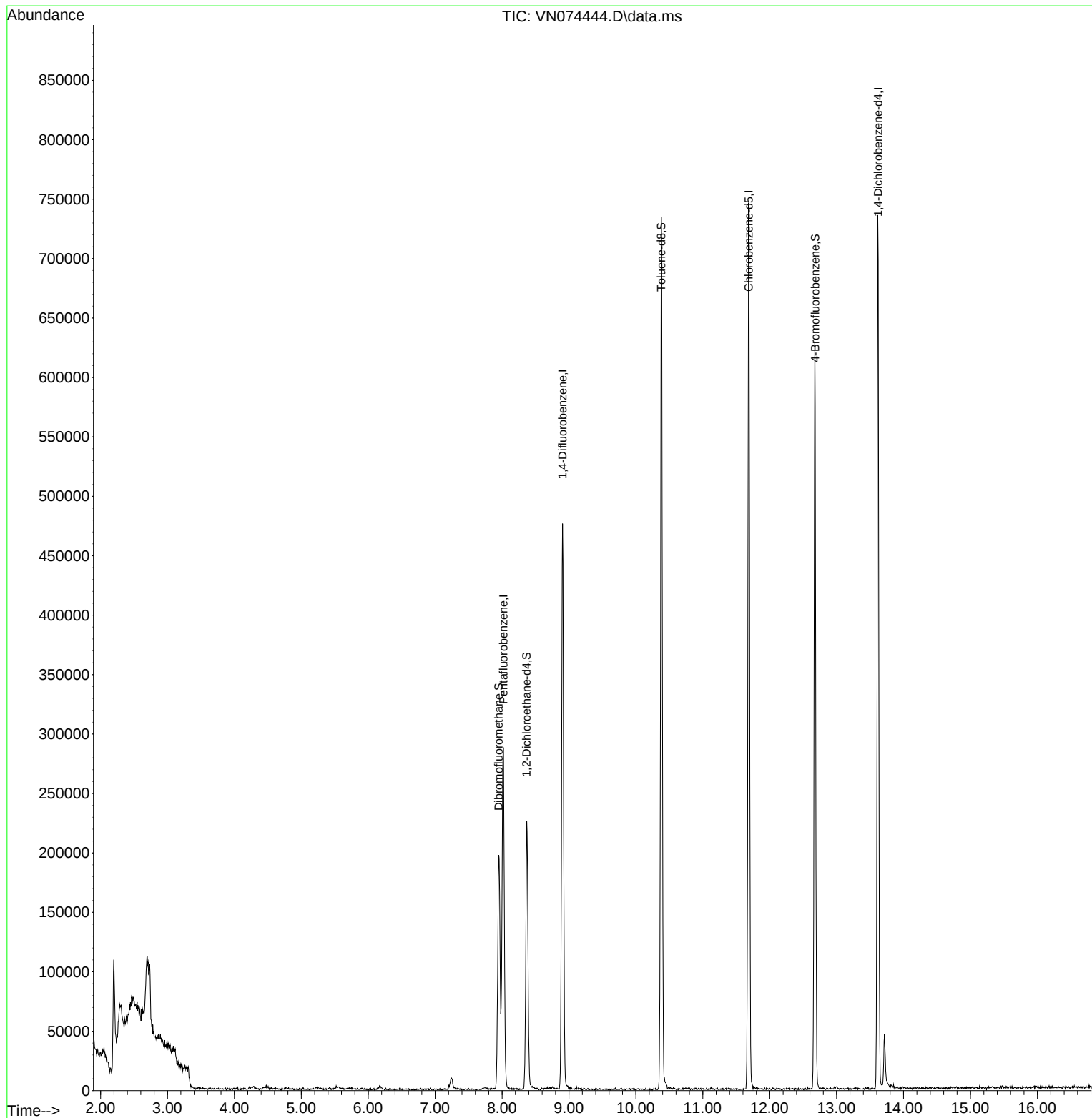
Target Compounds	Qvalue

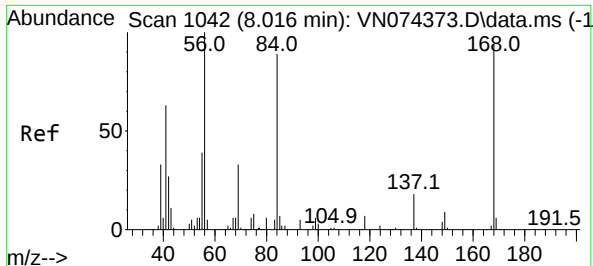
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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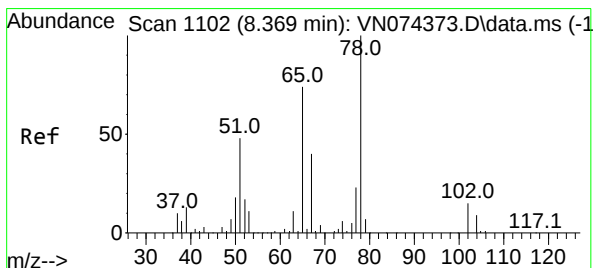
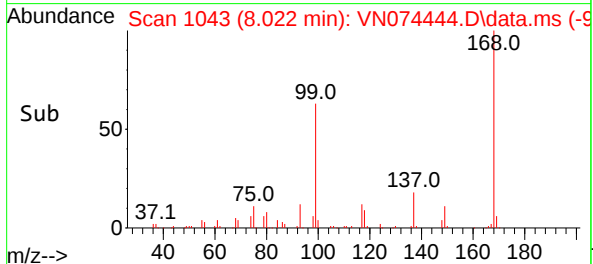
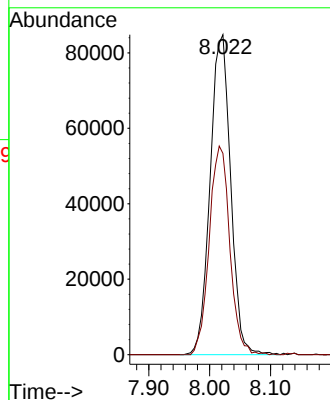
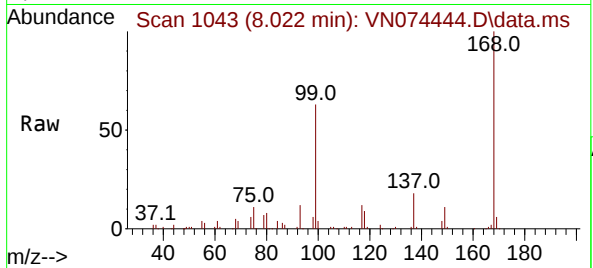




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074444.D
Acq: 13 Sep 2022 19:45

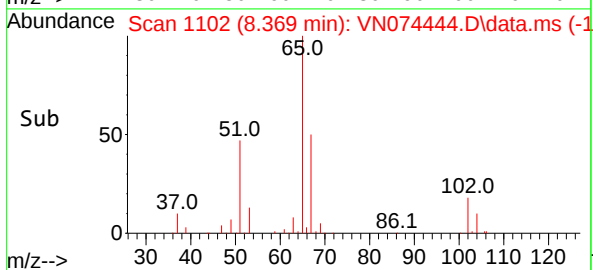
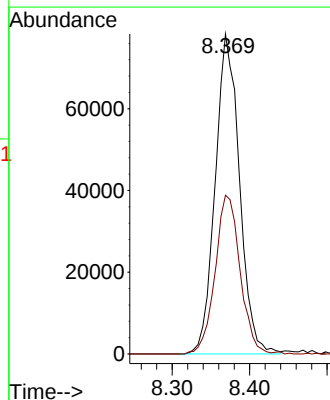
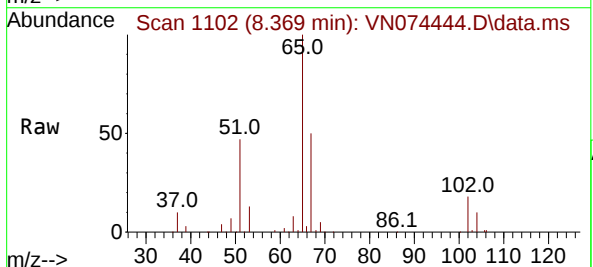
Instrument :
MSVOA_N
ClientSampleId :
BR-02-123-143-090122-H

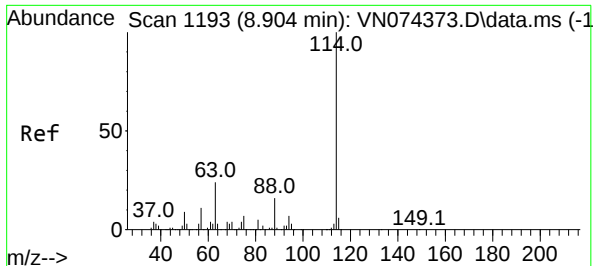
Tgt Ion:168 Resp: 198761
Ion Ratio Lower Upper
168 100
99 62.9 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 49.567 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074444.D
Acq: 13 Sep 2022 19:45

Tgt Ion: 65 Resp: 170453
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074444.D

Acq: 13 Sep 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

BR-02-123-143-090122-H

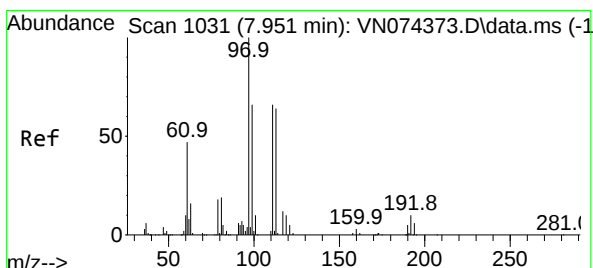
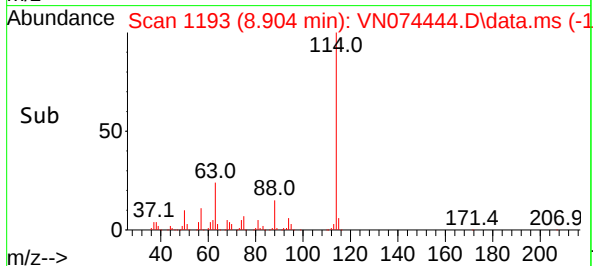
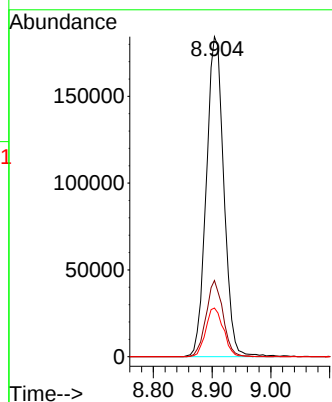
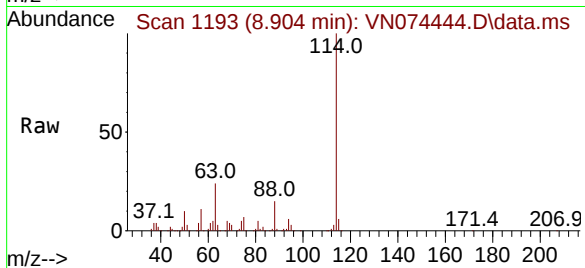
Tgt Ion:114 Resp: 381413

Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.6

88 15.2 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.656 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074444.D

Acq: 13 Sep 2022 19:45

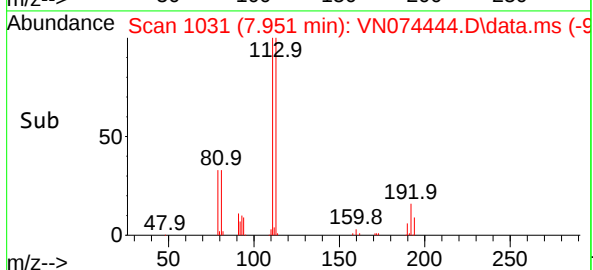
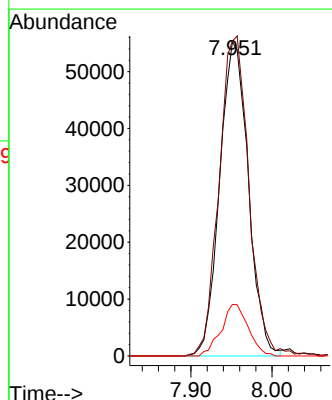
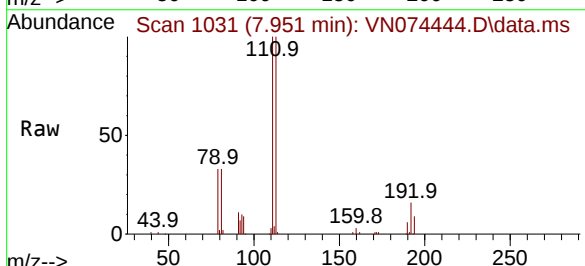
Tgt Ion:113 Resp: 135585

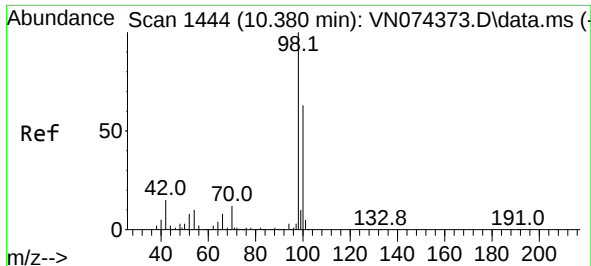
Ion Ratio Lower Upper

113 100

111 105.9 83.0 124.4

192 15.5 13.7 20.5

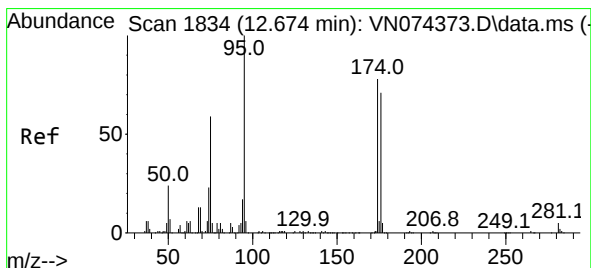
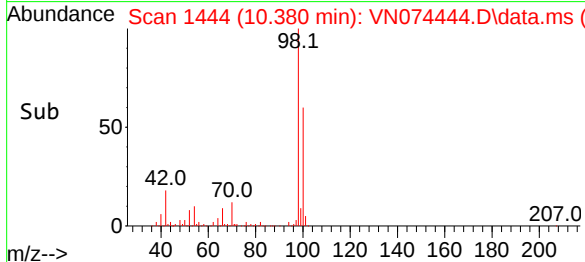
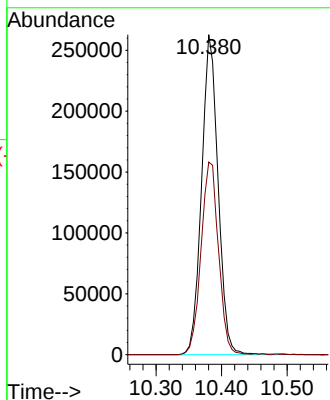
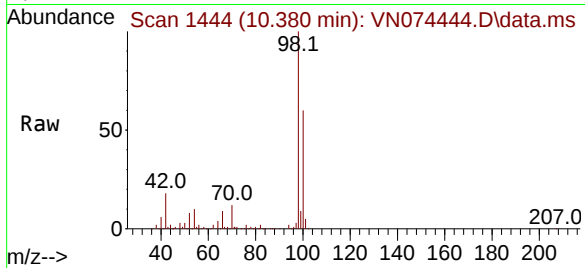




#50
Toluene-d8
Concen: 45.823 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074444.D
Acq: 13 Sep 2022 19:45

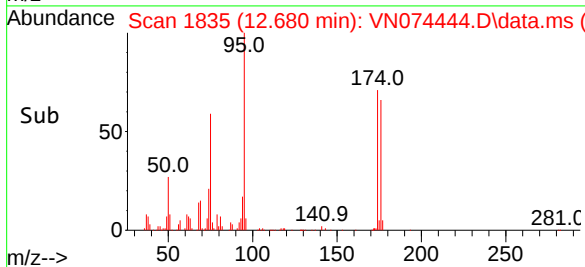
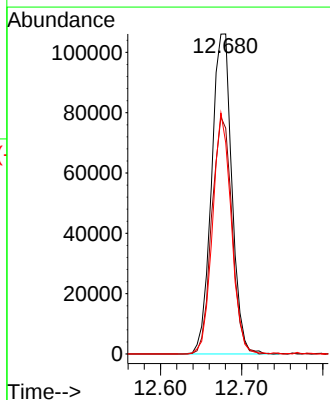
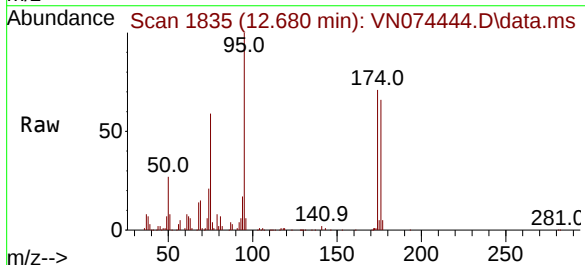
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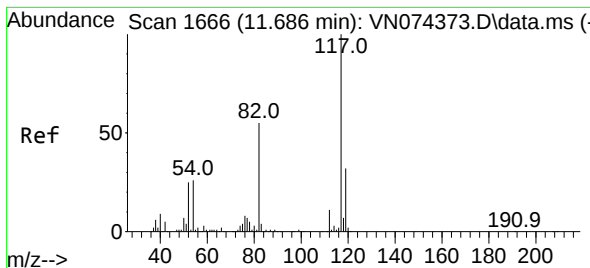
Tgt Ion: 98 Resp: 459743
Ion Ratio Lower Upper
98 100
100 63.8 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 50.598 ug/l
RT: 12.680 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN074444.D
Acq: 13 Sep 2022 19:45

Tgt Ion: 95 Resp: 184310
Ion Ratio Lower Upper
95 100
174 73.4 0.0 150.6
176 69.4 0.0 143.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074444.D

Acq: 13 Sep 2022 19:45

Instrument :

MSVOA_N

ClientSampleId :

BR-02-123-143-090122-H

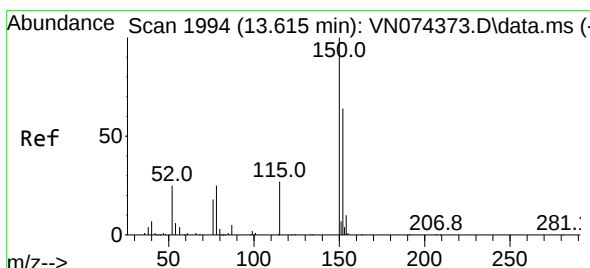
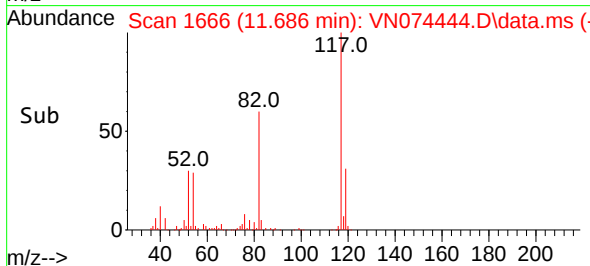
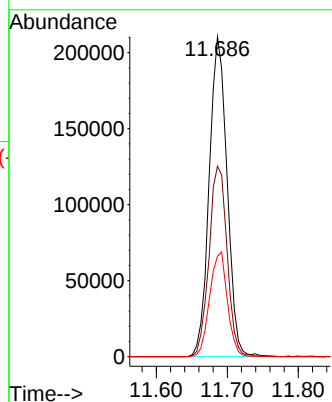
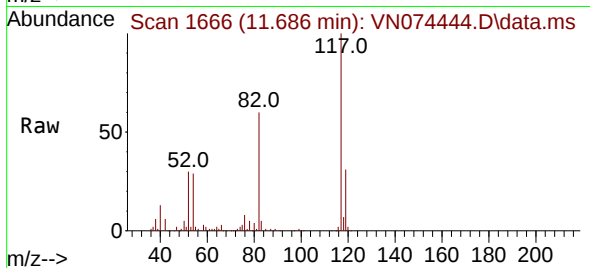
Tgt Ion:117 Resp: 368298

Ion Ratio Lower Upper

117 100

82 59.5 44.3 66.5

119 31.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.621 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VN074444.D

Acq: 13 Sep 2022 19:45

Tgt Ion:152 Resp: 169093

Ion Ratio Lower Upper

152 100

115 61.6 32.0 96.0

150 157.4 0.0 359.6

