

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090122\
 Data File : VN074244.D
 Acq On : 01 Sep 2022 15:54
 Operator : JC\MD
 Sample : N4446-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-05

Quant Time: Sep 02 05:39:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 07:02:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	261341	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	477863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	455170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206300	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	194455	47.966	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.940%
35) Dibromofluoromethane	7.957	113	158989	51.129	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	10.381	98	570357	46.576	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.669	95	224662	60.328	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	120.660%

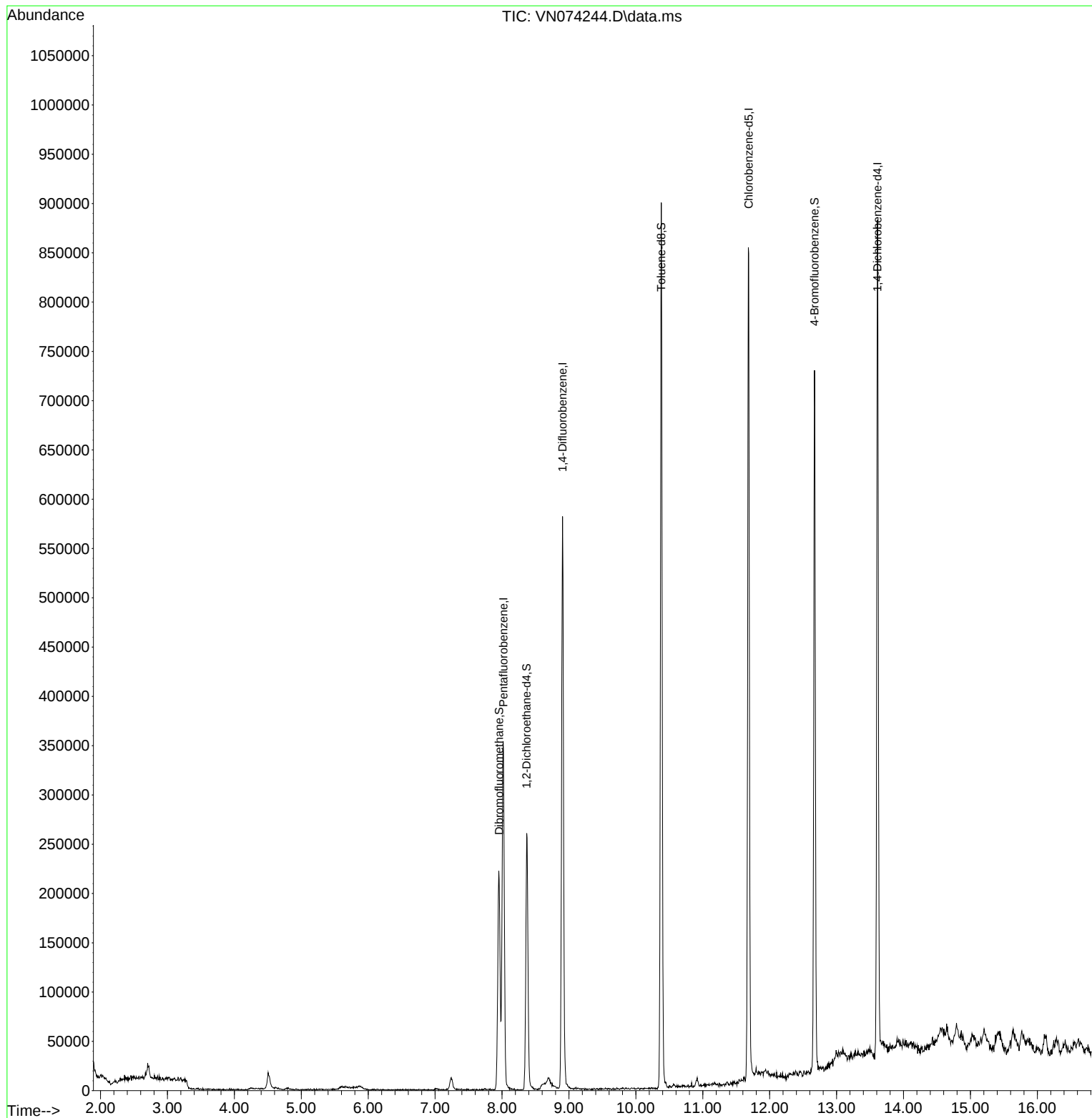
Target Compounds	Qvalue

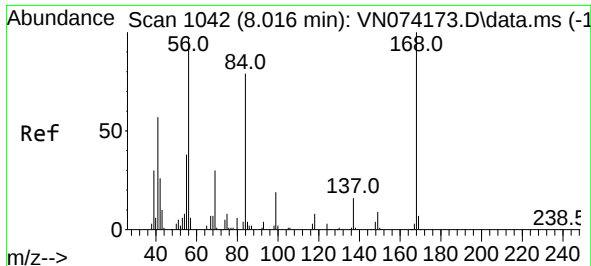
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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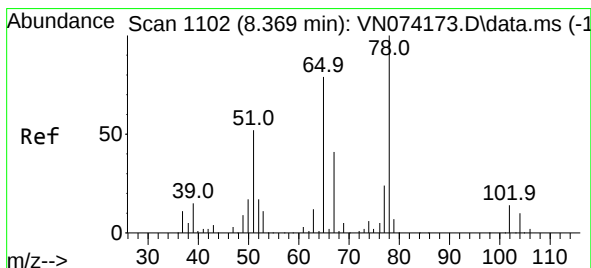
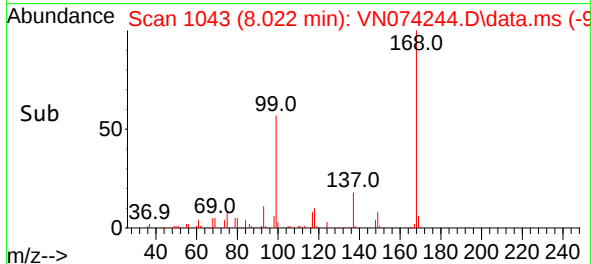
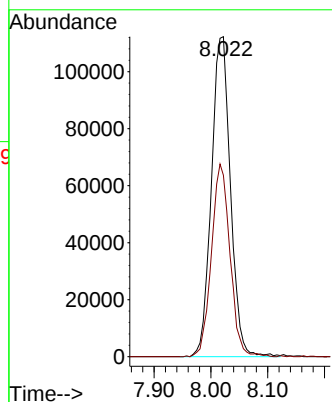
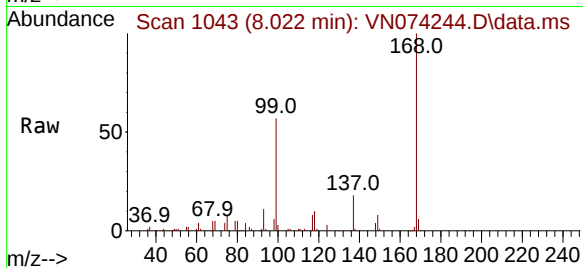




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

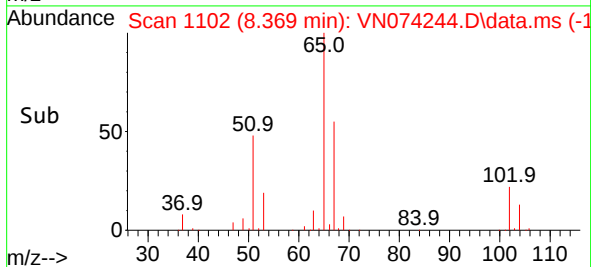
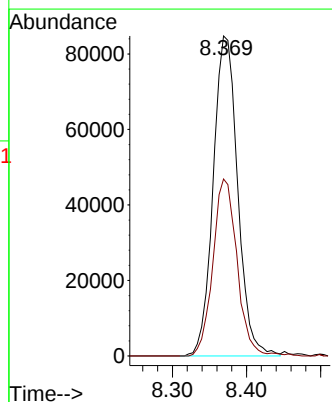
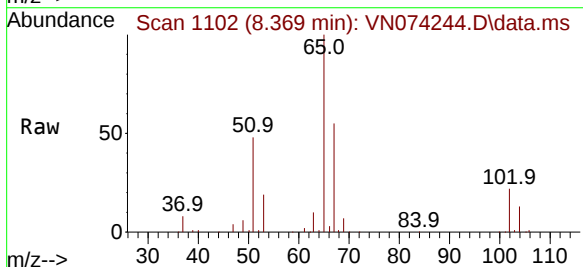
Instrument :
MSVOA_N
ClientSampleId :
MW-05

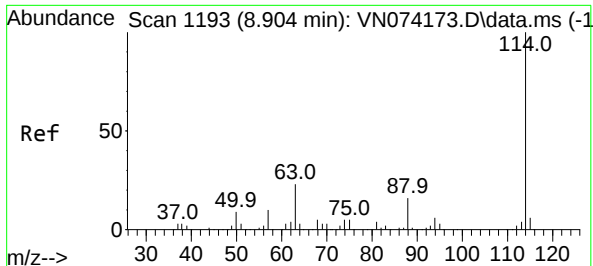
Tgt Ion:168 Resp: 261341
Ion Ratio Lower Upper
168 100
99 56.7 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.966 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

Tgt Ion: 65 Resp: 194455
Ion Ratio Lower Upper
65 100
67 54.6 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: VN074244.D

Acq: 01 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

MW-05

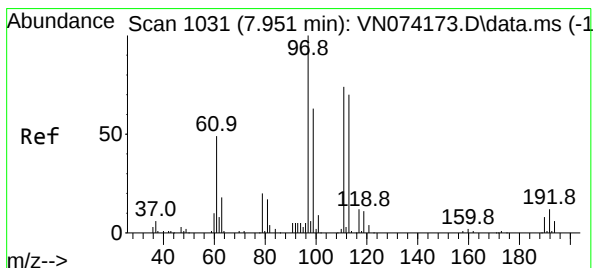
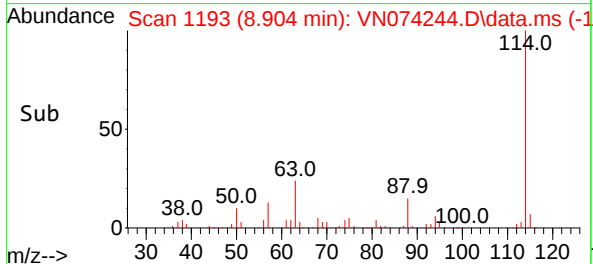
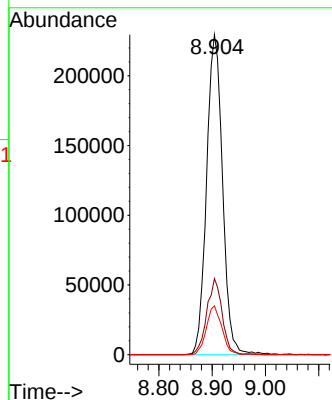
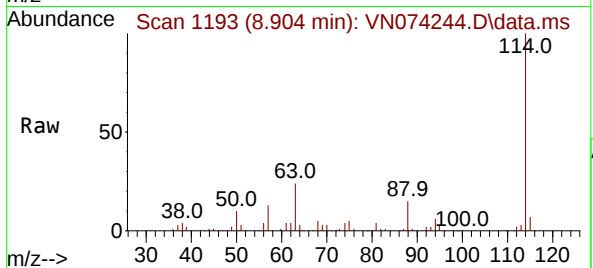
Tgt Ion:114 Resp: 477863

Ion Ratio Lower Upper

114 100

63 23.8 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.129 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

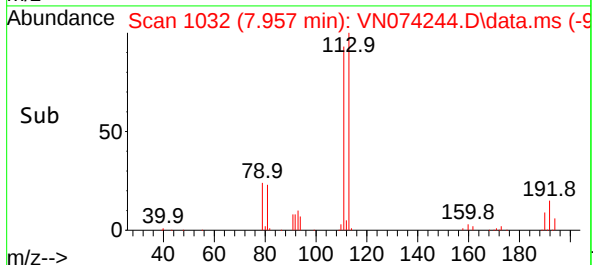
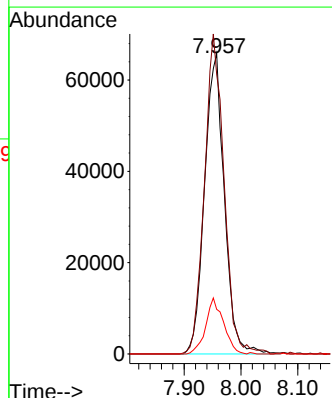
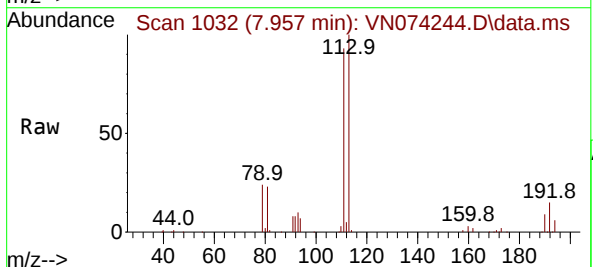
Tgt Ion:113 Resp: 158989

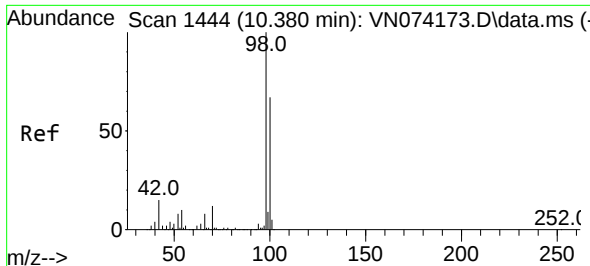
Ion Ratio Lower Upper

113 100

111 105.2 81.4 122.0

192 16.7 17.0 25.6#

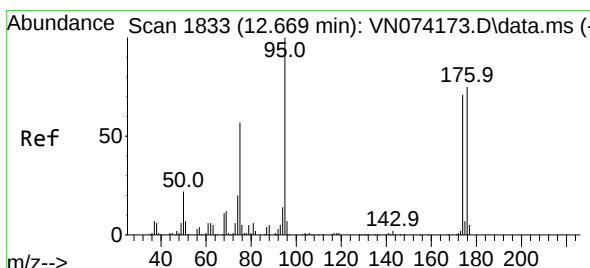
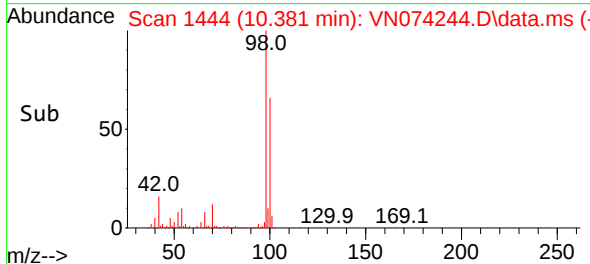
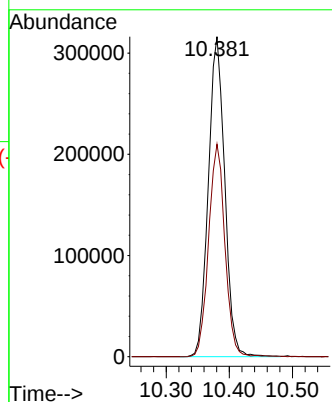
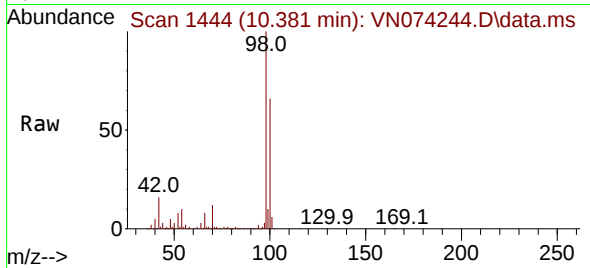




#50
Toluene-d8
Concen: 46.576 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

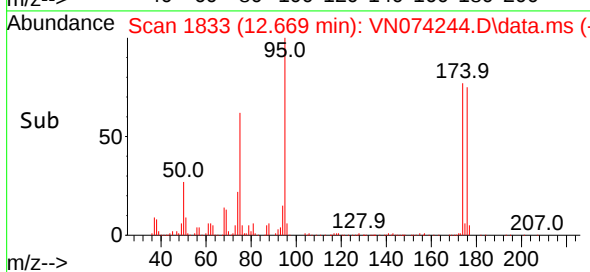
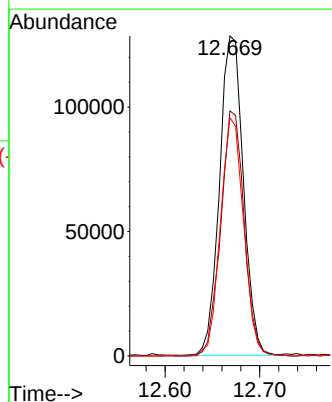
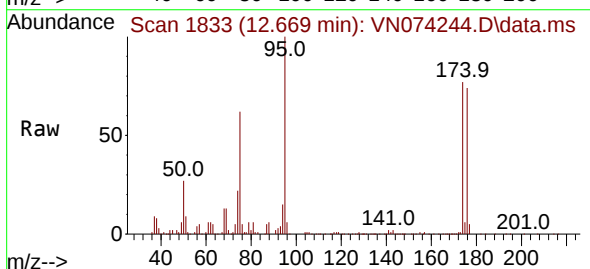
Instrument :
MSVOA_N
ClientSampleId :
MW-05

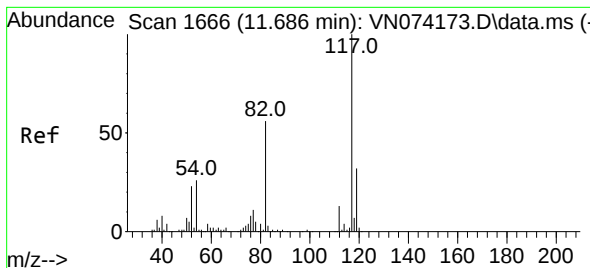
Tgt Ion: 98 Resp: 570357
Ion Ratio Lower Upper
98 100
100 66.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 60.328 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074244.D
Acq: 01 Sep 2022 15:54

Tgt Ion: 95 Resp: 224662
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 72.5 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: VN074244.D

Acq: 01 Sep 2022 15:54

Instrument :

MSVOA_N

ClientSampleId :

MW-05

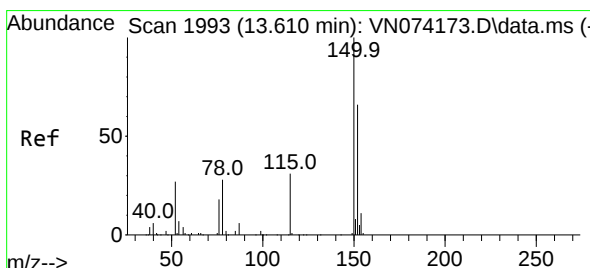
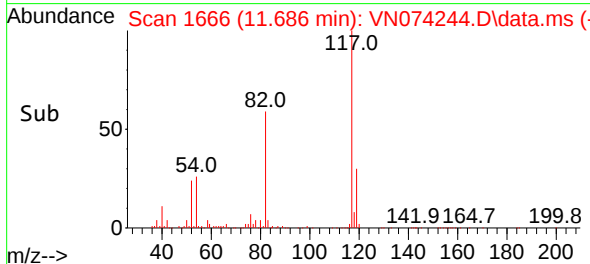
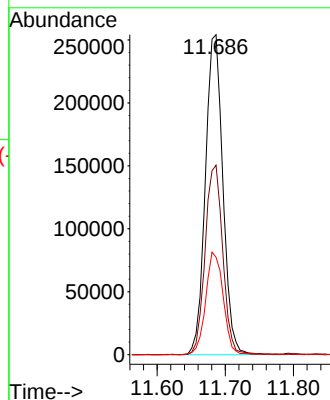
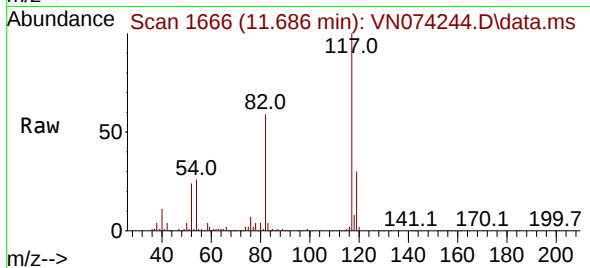
Tgt Ion:117 Resp: 455170

Ion Ratio Lower Upper

117 100

82 59.2 44.2 66.2

119 30.5 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VN074244.D

Acq: 01 Sep 2022 15:54

Tgt Ion:152 Resp: 206300

Ion Ratio Lower Upper

152 100

115 59.2 28.9 86.7

150 160.3 0.0 356.2

