

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091522\
 Data File : VN074473.D
 Acq On : 15 Sep 2022 20:00
 Operator : JC\MD
 Sample : N4553-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 256074-2

Quant Time: Sep 16 01:46:53 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	444710	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	855941	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	834549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	365634	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	319112	42.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.580%
35) Dibromofluoromethane	7.951	113	268757	47.268	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	10.380	98	980722	44.600	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.200%
62) 4-Bromofluorobenzene	12.674	95	384048	50.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.980%

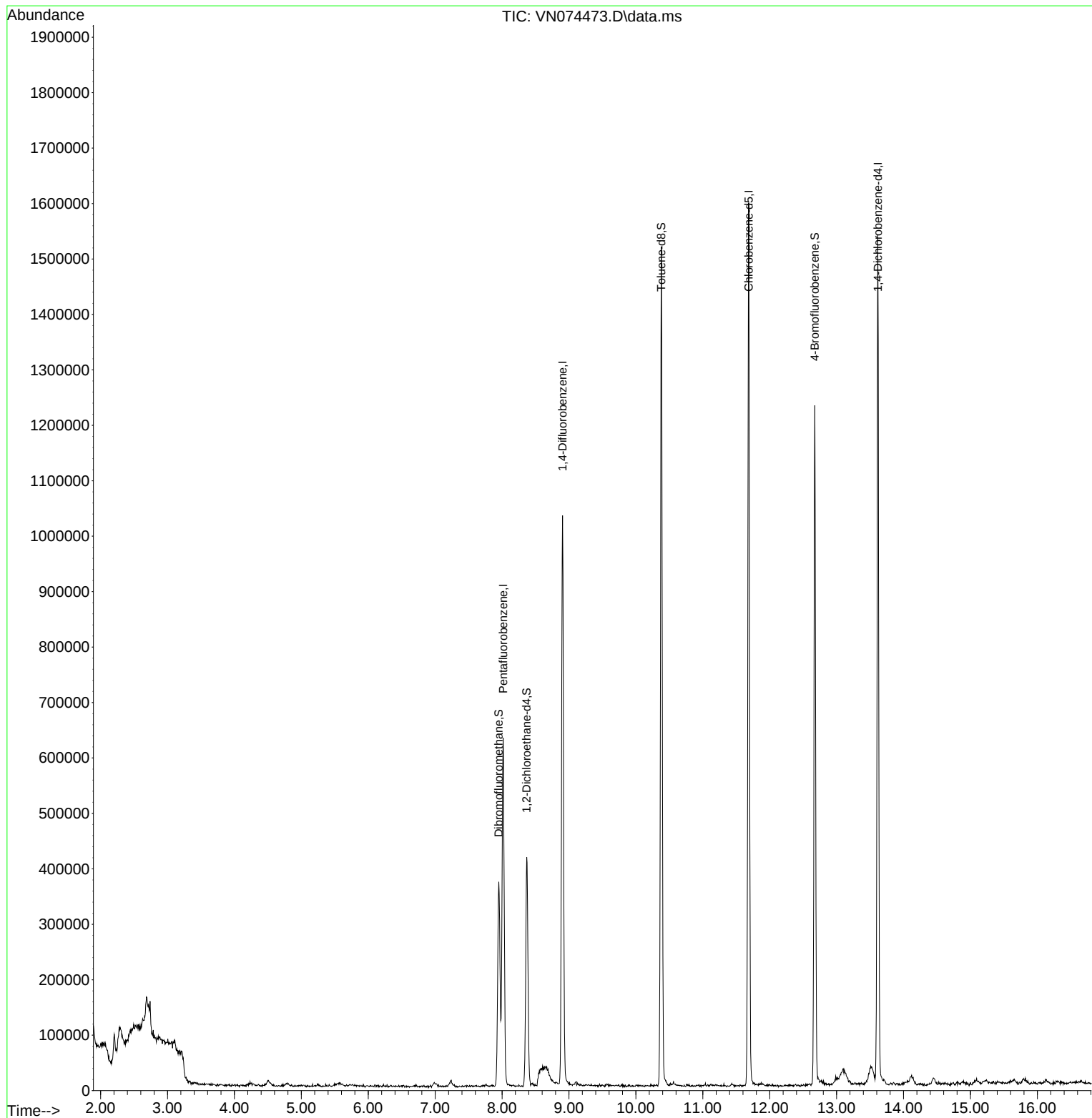
Target Compounds	Qvalue

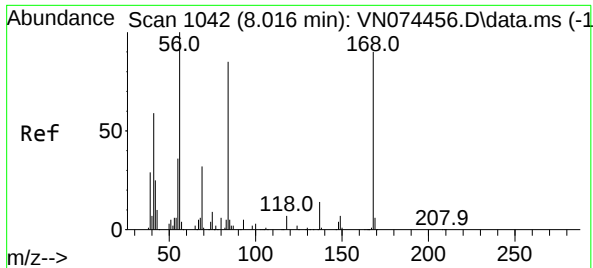
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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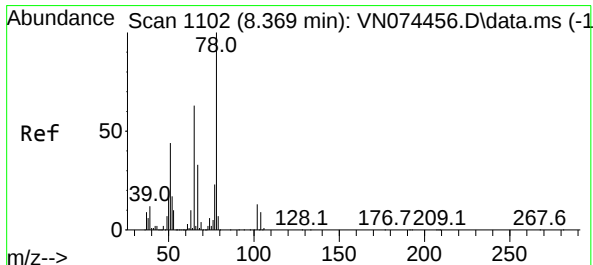
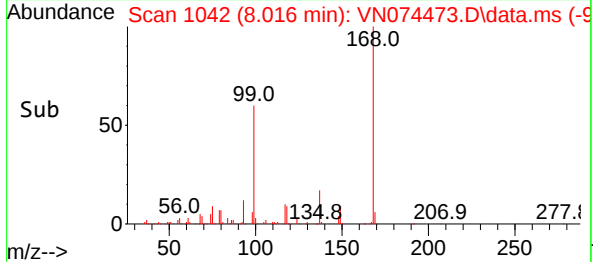
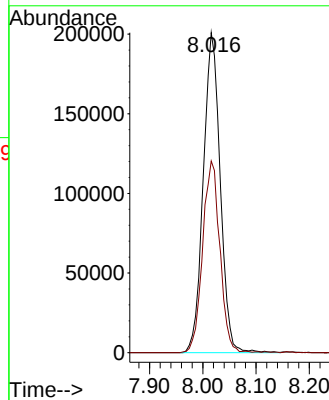
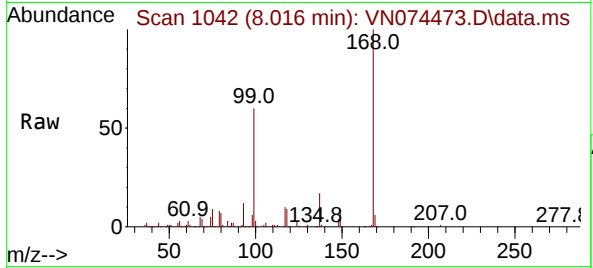




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074473.D
Acq: 15 Sep 2022 20:00

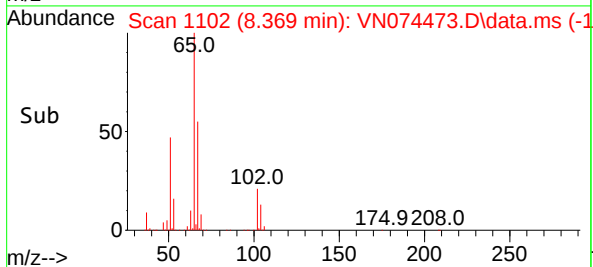
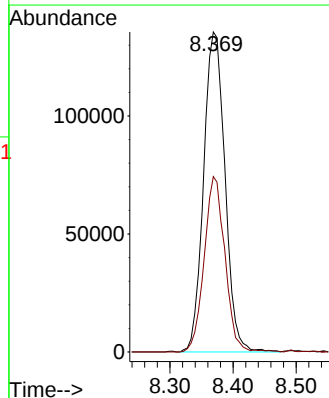
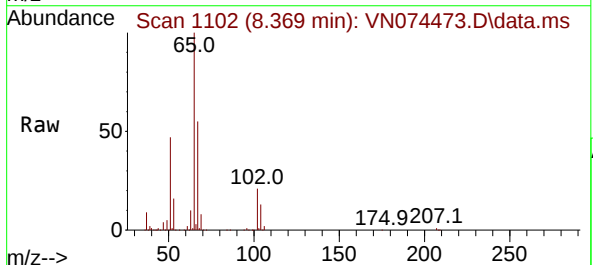
Instrument :
MSVOA_N
ClientSampleId :
256074-2

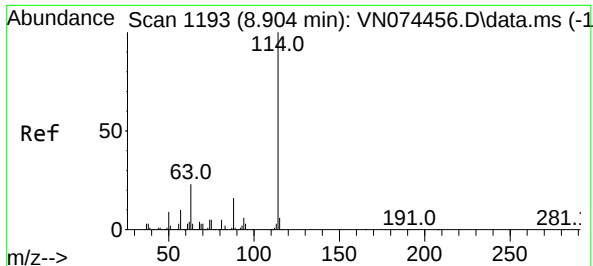
Tgt Ion:168 Resp: 444710
Ion Ratio Lower Upper
168 100
99 59.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 42.291 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074473.D
Acq: 15 Sep 2022 20:00

Tgt Ion: 65 Resp: 319112
Ion Ratio Lower Upper
65 100
67 53.3 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: VN074473.D

Acq: 15 Sep 2022 20:00

Instrument :

MSVOA_N

ClientSampleId :

256074-2

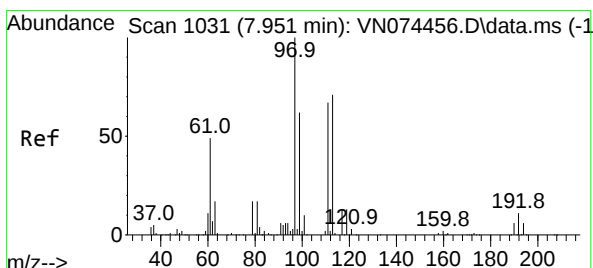
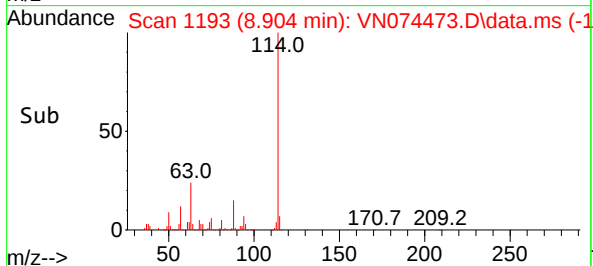
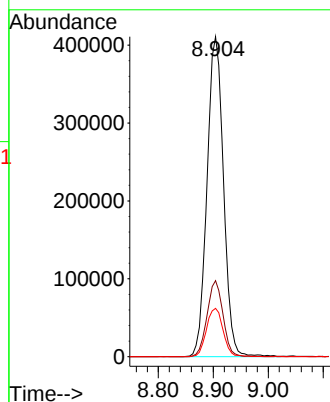
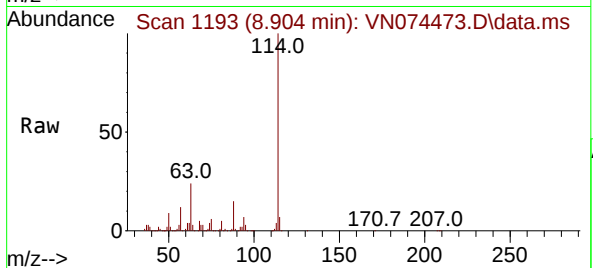
Tgt Ion:114 Resp: 855941

Ion Ratio Lower Upper

114 100

63 23.8 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.268 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074473.D

Acq: 15 Sep 2022 20:00

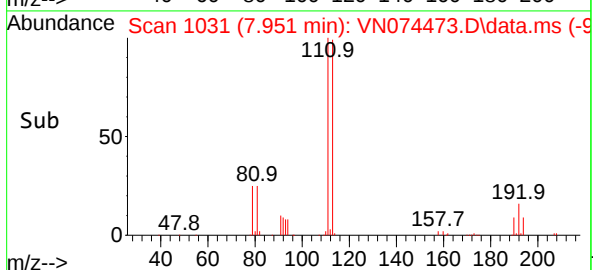
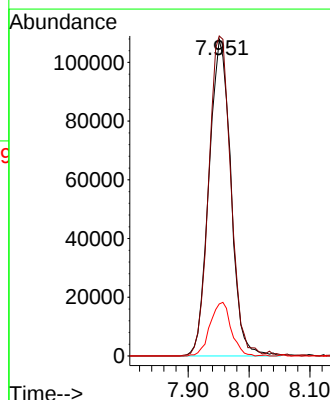
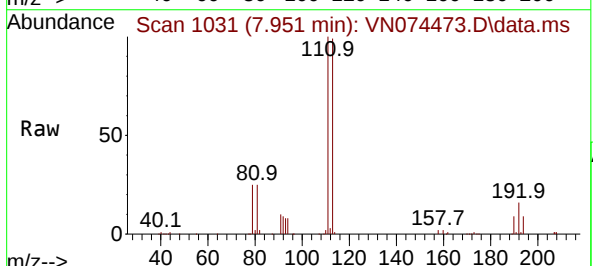
Tgt Ion:113 Resp: 268757

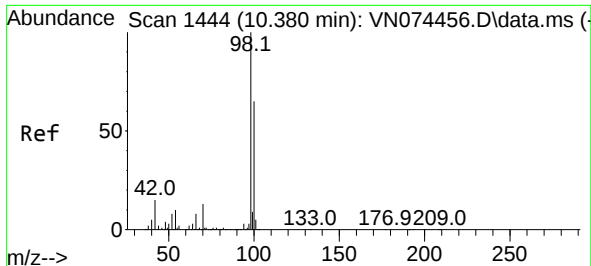
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 16.3 17.0 25.6#

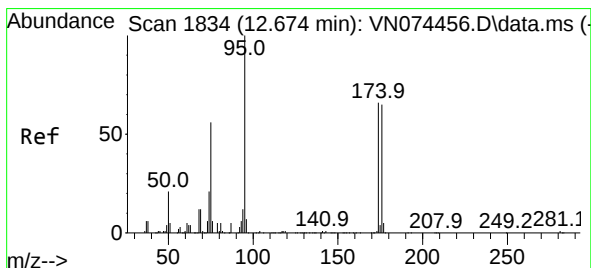
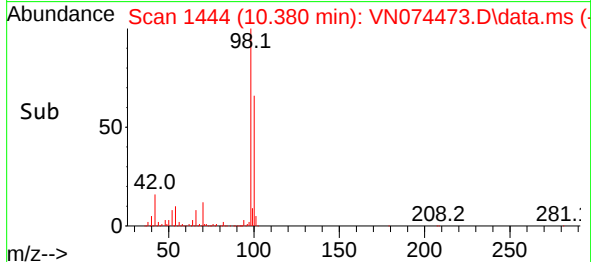
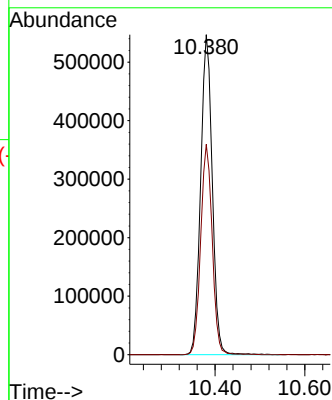
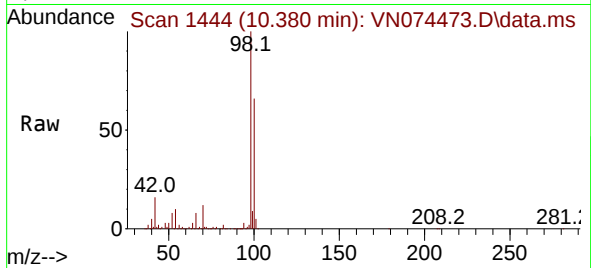




#50
Toluene-d8
Concen: 44.600 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074473.D
Acq: 15 Sep 2022 20:00

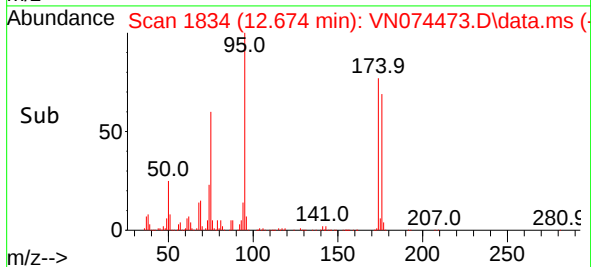
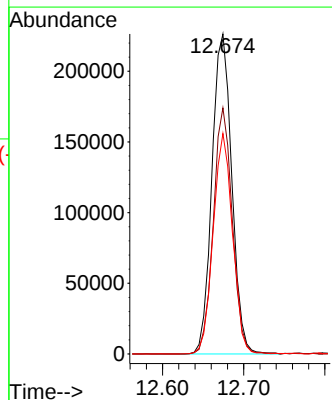
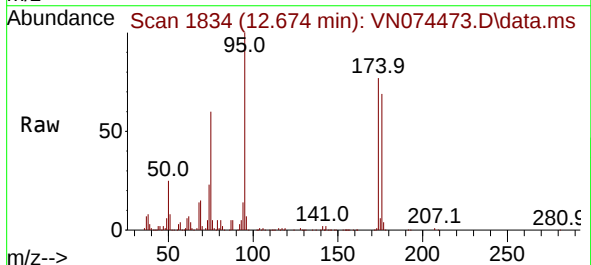
Instrument :
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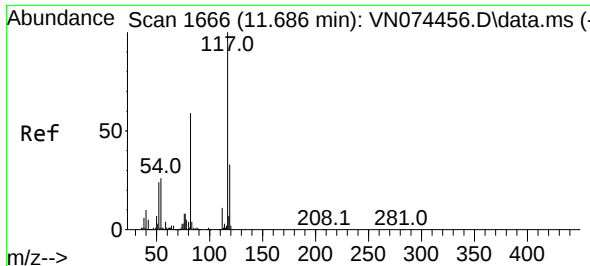
Tgt Ion: 98 Resp: 980722
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.994 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074473.D
Acq: 15 Sep 2022 20:00

Tgt Ion: 95 Resp: 384048
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 67.6 0.0 163.4

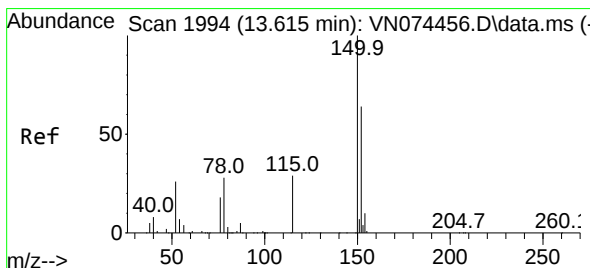
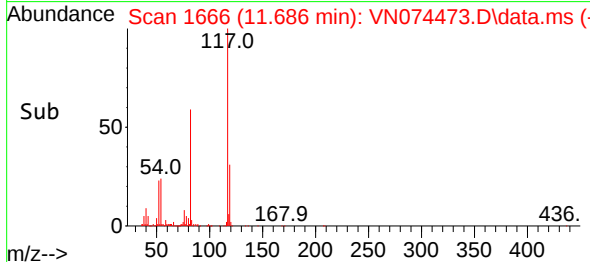
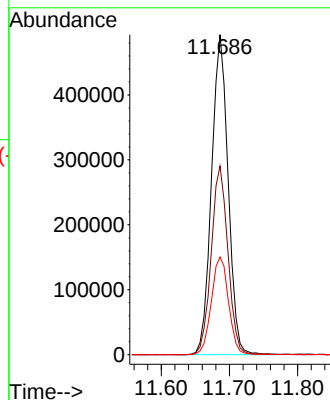
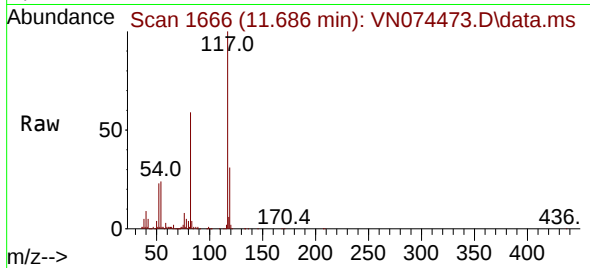




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN074473.D
Acq: 15 Sep 2022 20:00

Instrument :
MSVOA_N
ClientSampleId :
256074-2

Tgt Ion:117 Resp: 834549
Ion Ratio Lower Upper
117 100
82 58.9 44.2 66.2
119 30.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074473.D
Acq: 15 Sep 2022 20:00

Tgt Ion:152 Resp: 365634
Ion Ratio Lower Upper
152 100
115 61.7 28.9 86.7
150 155.8 0.0 356.2

