

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074178.D
 Acq On : 30 Aug 2022 20:50
 Operator : JC\MD
 Sample : VN0830WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0830WBL01

Quant Time: Aug 31 07:04:28 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	177152	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	319232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	301256	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	123029	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	131781	47.954	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.900%
35) Dibromofluoromethane	7.951	113	113085	54.438	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.880%
50) Toluene-d8	10.381	98	353586	43.222	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.440%
62) 4-Bromofluorobenzene	12.669	95	125168	50.313	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.620%

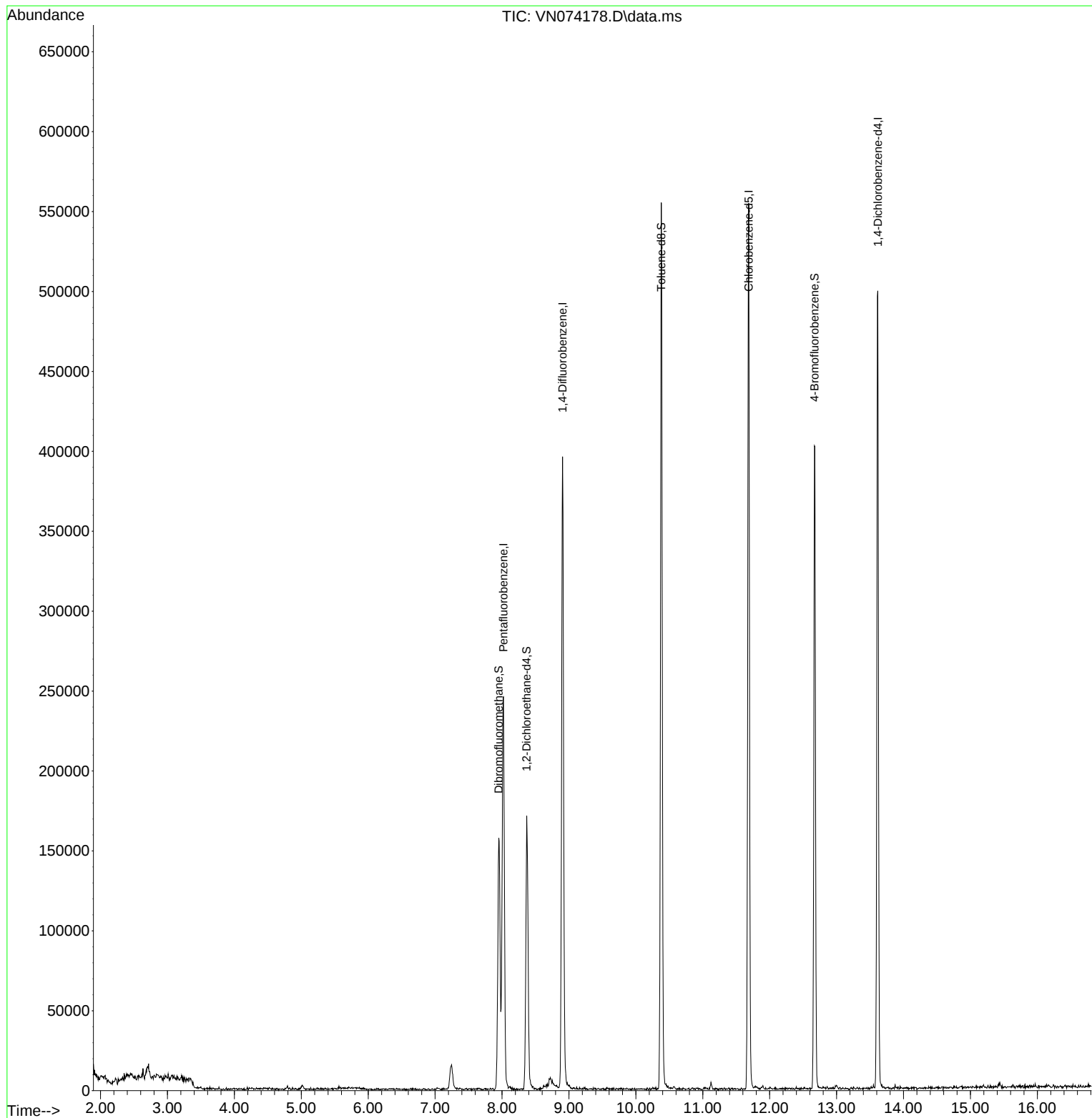
Target Compounds	Qvalue

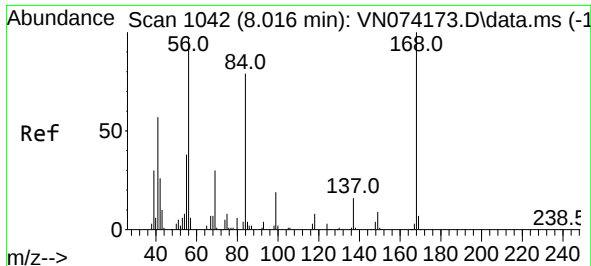
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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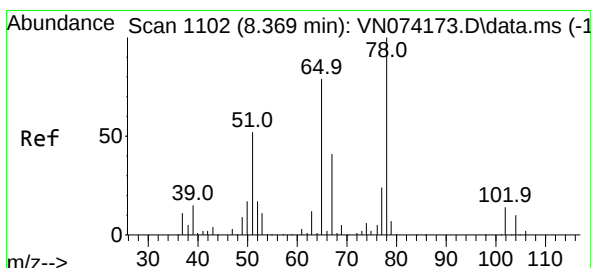
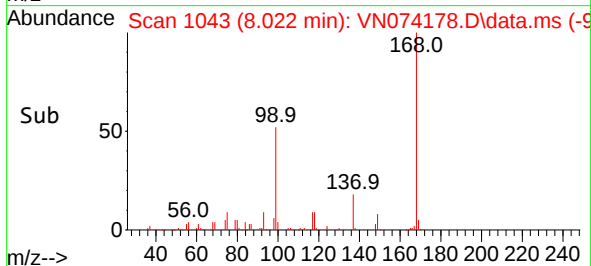
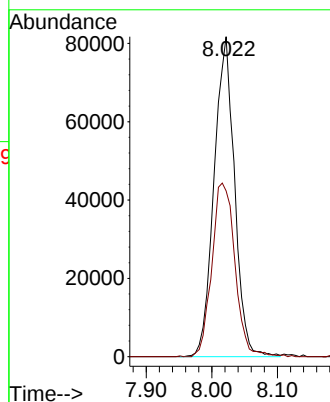
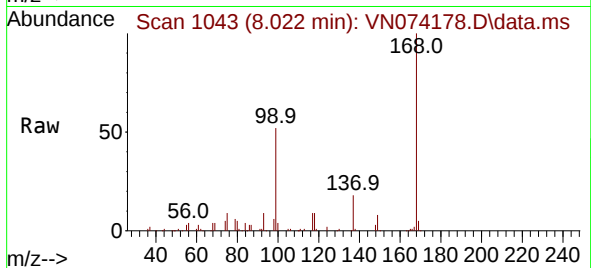




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.022 min Scan# 1102
Delta R.T. 0.006 min
Lab File: VN074178.D
Acq: 30 Aug 2022 20:50

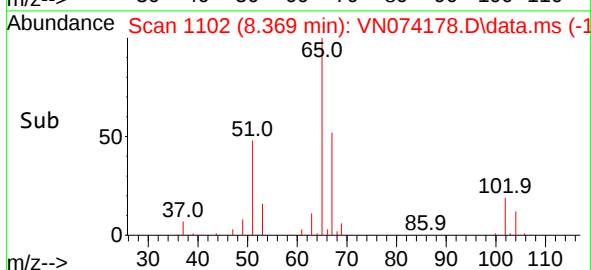
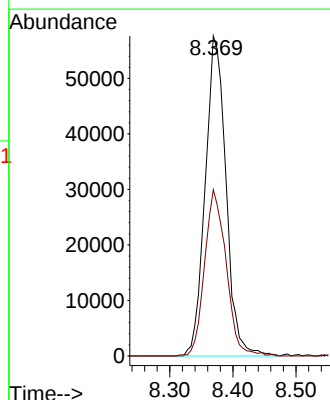
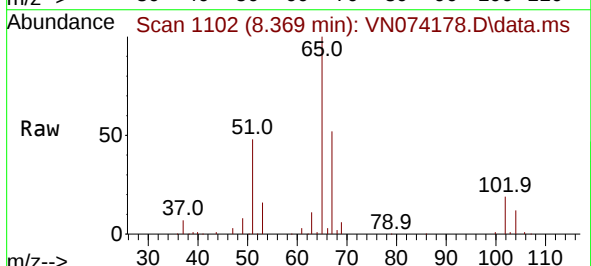
Instrument :
MSVOA_N
ClientSampleId :
VN0830WBL01

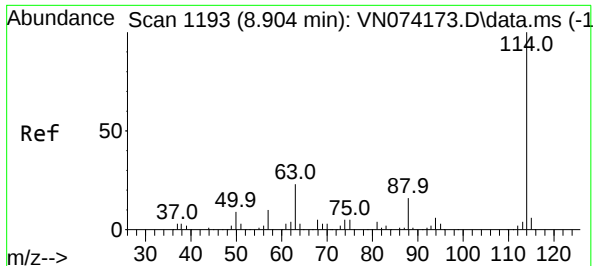
Tgt Ion:168 Resp: 177152
Ion Ratio Lower Upper
168 100
99 51.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.954 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074178.D
Acq: 30 Aug 2022 20:50

Tgt Ion: 65 Resp: 131781
Ion Ratio Lower Upper
65 100
67 53.9 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: VN074178.D

Acq: 30 Aug 2022 20:50

Instrument :

MSVOA_N

ClientSampleId :

VN0830WBL01

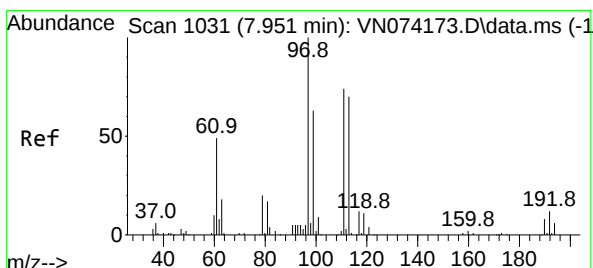
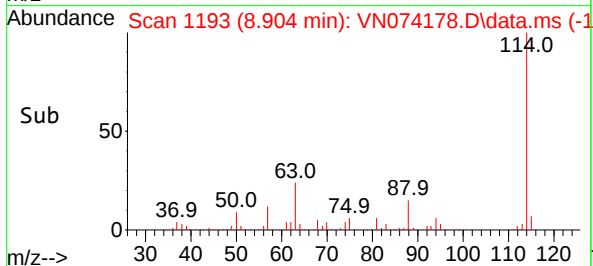
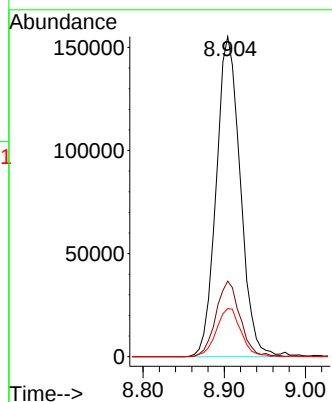
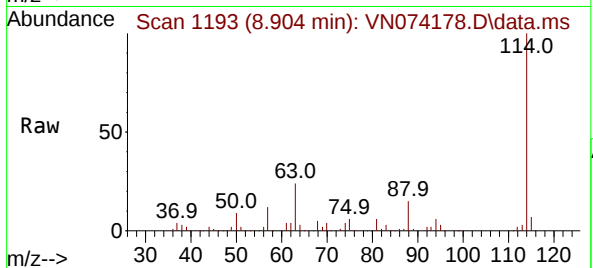
Tgt Ion:114 Resp: 319232

Ion Ratio Lower Upper

114 100

63 23.6 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.438 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074178.D

Acq: 30 Aug 2022 20:50

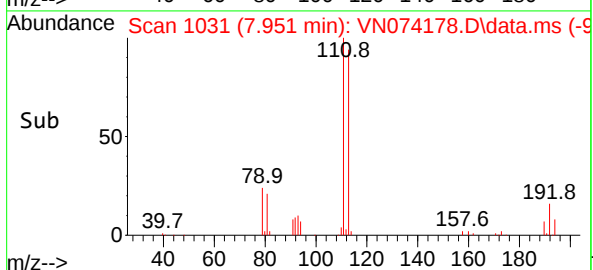
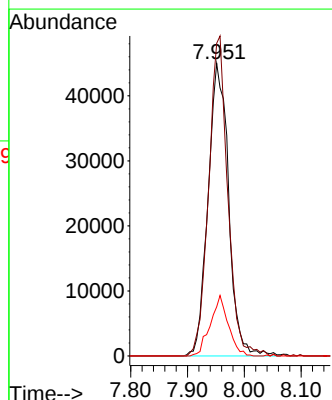
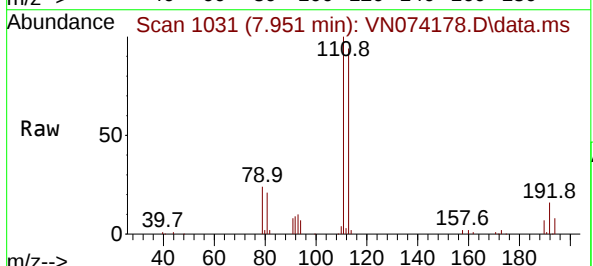
Tgt Ion:113 Resp: 113085

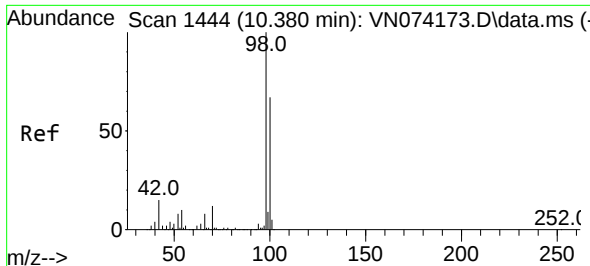
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 18.1 17.0 25.6

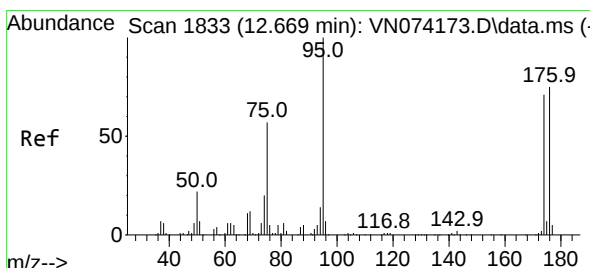
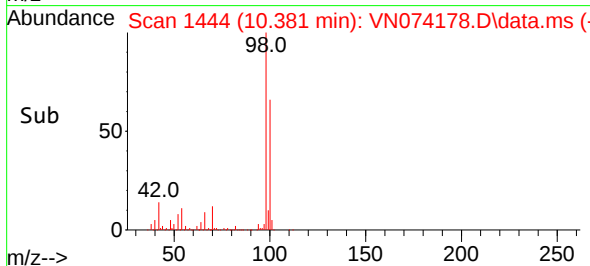
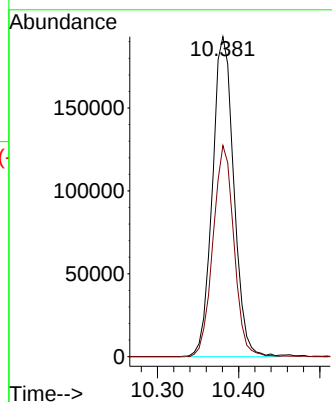
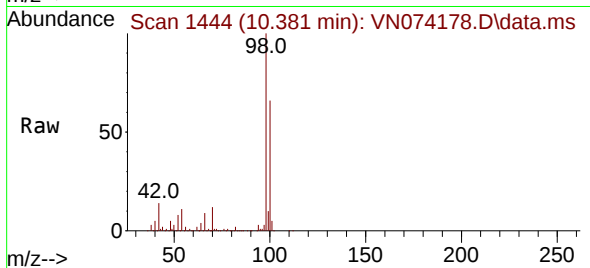




#50
Toluene-d8
Concen: 43.222 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074178.D
Acq: 30 Aug 2022 20:50

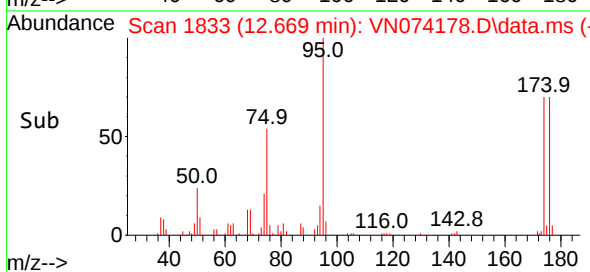
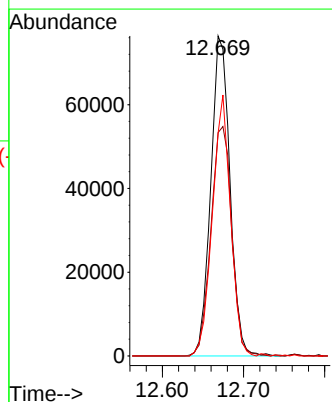
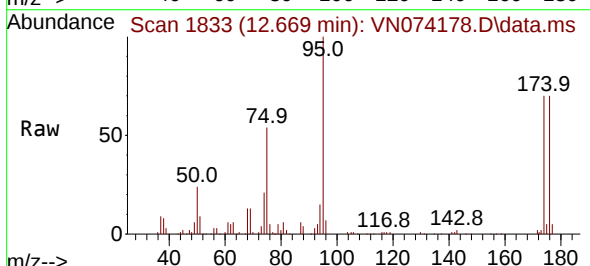
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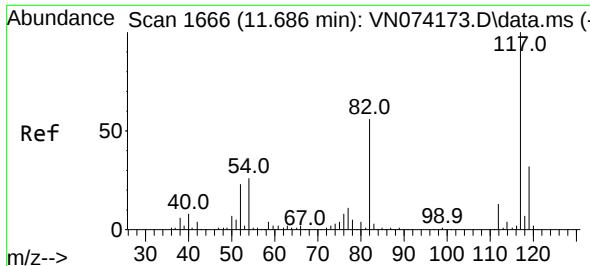
Tgt Ion: 98 Resp: 353586
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.313 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN074178.D
Acq: 30 Aug 2022 20:50

Tgt Ion: 95 Resp: 125168
Ion Ratio Lower Upper
95 100
174 77.9 0.0 167.6
176 77.4 0.0 163.4

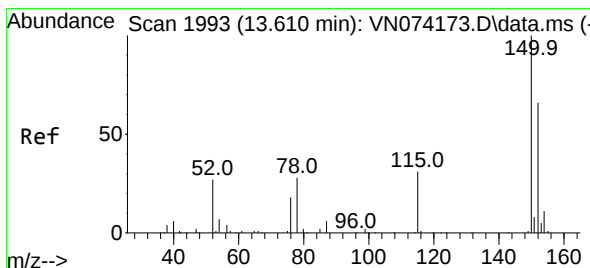
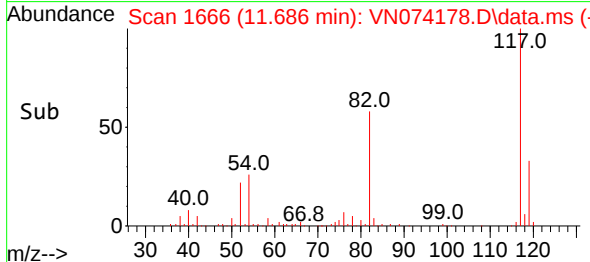
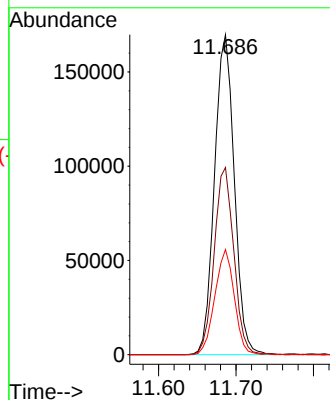
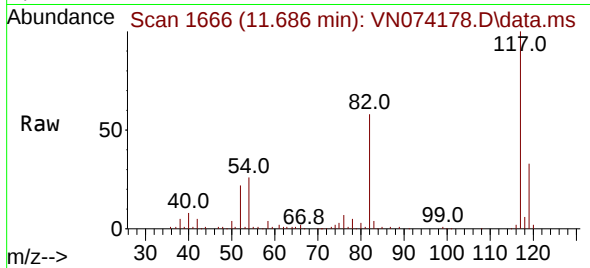




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074178.D
Acq: 30 Aug 2022 20:50

Instrument :
MSVOA_N
ClientSampleId :
VN0830WBL01

Tgt Ion:117 Resp: 301256
Ion Ratio Lower Upper
117 100
82 58.5 44.2 66.2
119 32.9 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.006 min
Lab File: VN074178.D
Acq: 30 Aug 2022 20:50

Tgt Ion:152 Resp: 123029
Ion Ratio Lower Upper
152 100
115 61.8 28.9 86.7
150 157.6 0.0 356.2

