

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092122\
 Data File : VN074603.D
 Acq On : 21 Sep 2022 10:32
 Operator : JC\MD
 Sample : VN0921MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0921MBL01

Quant Time: Sep 22 06:56:05 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	312873	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	590703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	478415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	172707	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	272833	51.394	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.780%
35) Dibromofluoromethane	7.945	113	198905	50.690	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.380%
50) Toluene-d8	10.381	98	693125	45.675	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.340%
62) 4-Bromofluorobenzene	12.674	95	205836	39.603	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.200%#

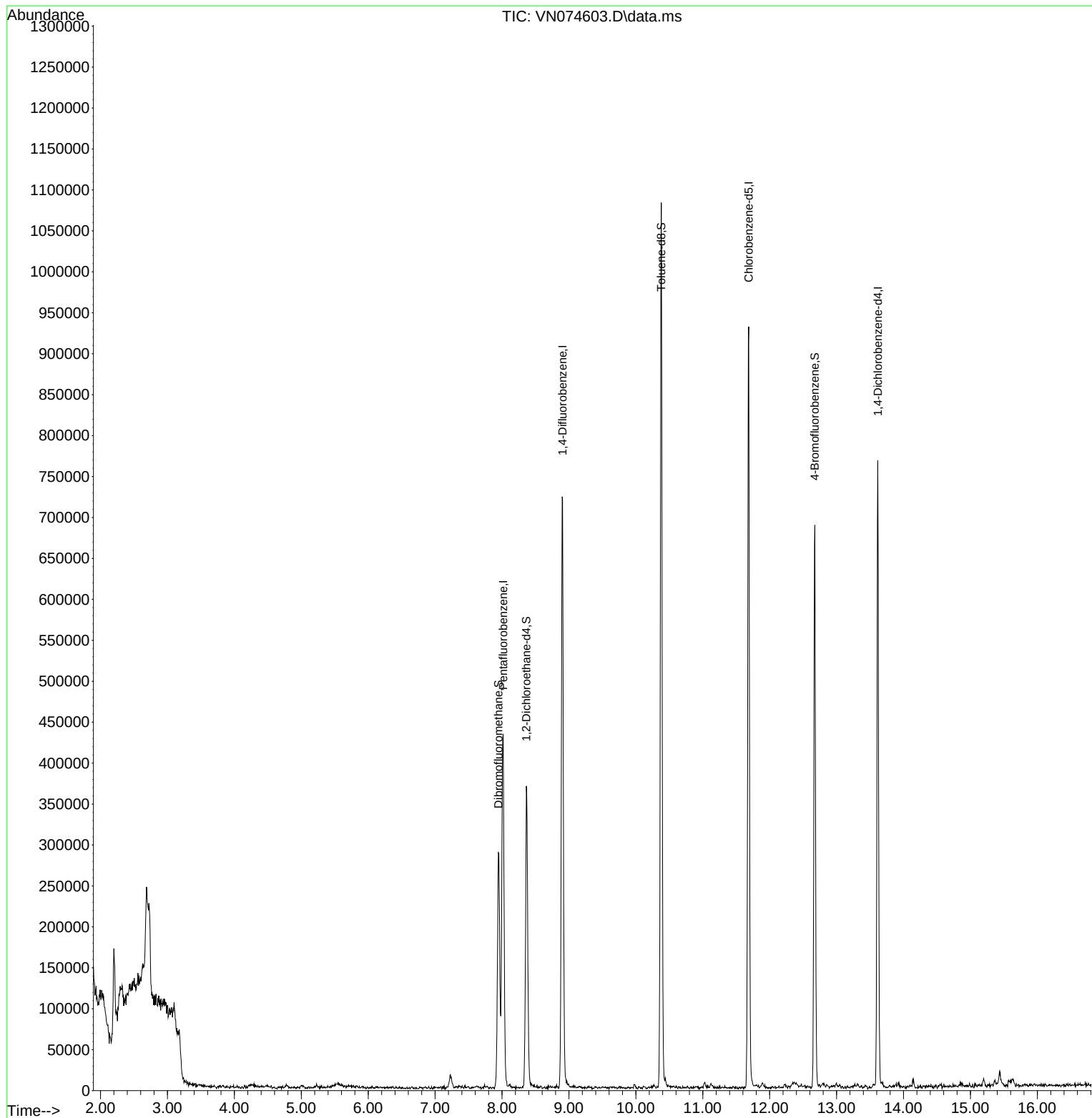
Target Compounds	Qvalue

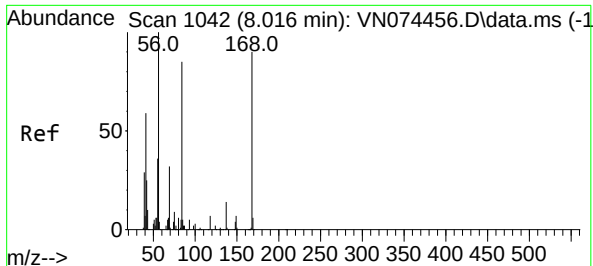
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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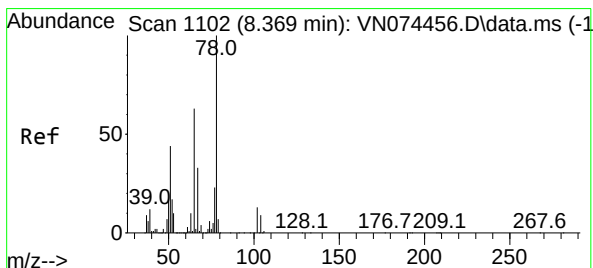
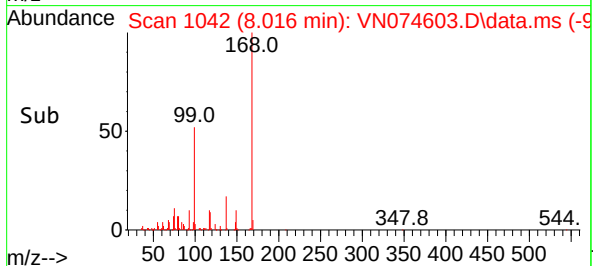
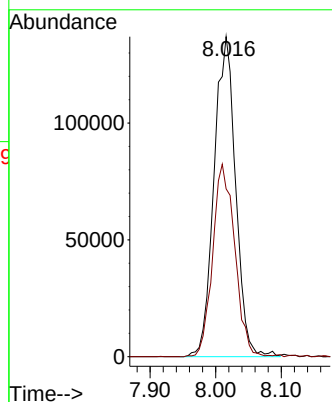
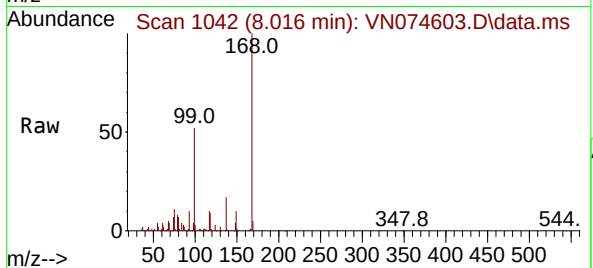




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1101
Delta R.T. -0.000 min
Lab File: VN074603.D
Acq: 21 Sep 2022 10:32

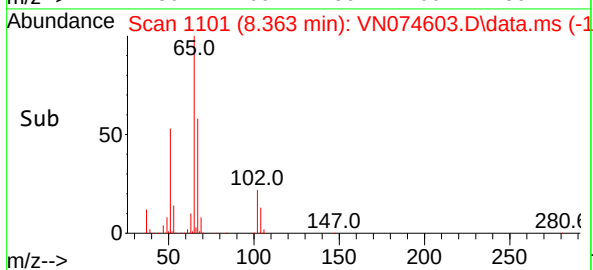
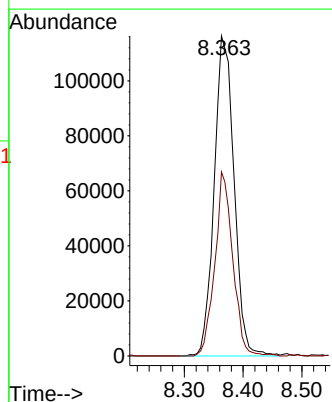
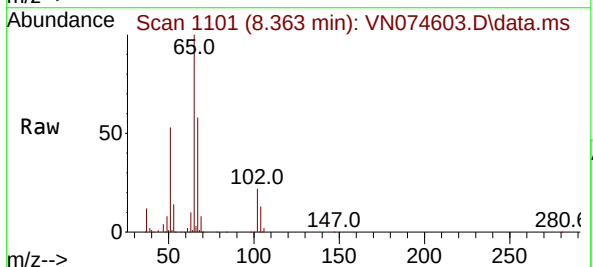
Instrument :
MSVOA_N
ClientSampleId :
VN0921MBL01

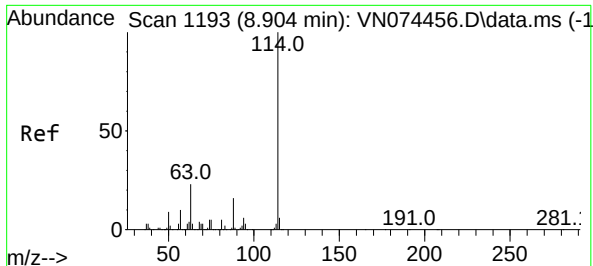
Tgt Ion:168 Resp: 312873
Ion Ratio Lower Upper
168 100
99 52.4 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.394 ug/l
RT: 8.363 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VN074603.D
Acq: 21 Sep 2022 10:32

Tgt Ion: 65 Resp: 272833
Ion Ratio Lower Upper
65 100
67 52.1 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: VN074603.D

Acq: 21 Sep 2022 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0921MBL01

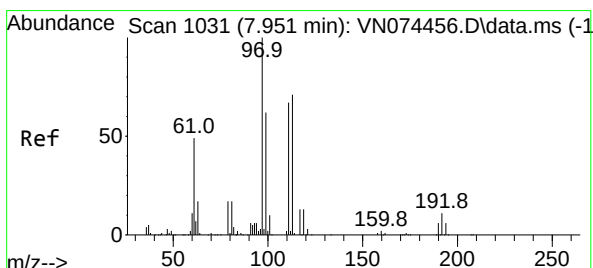
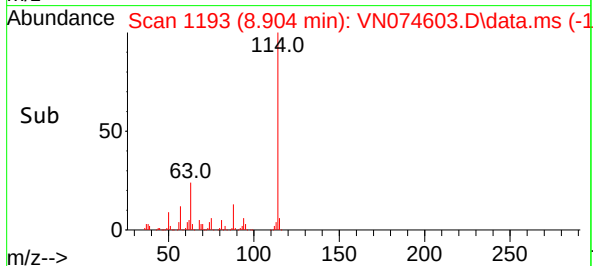
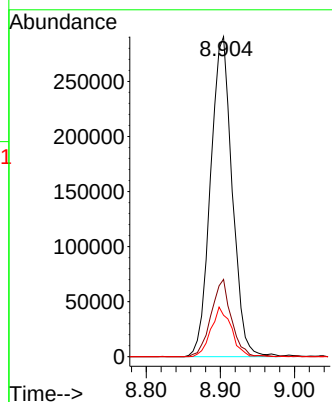
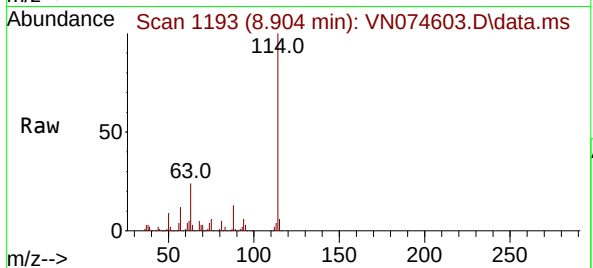
Tgt Ion:114 Resp: 590703

Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.0

88 13.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.690 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074603.D

Acq: 21 Sep 2022 10:32

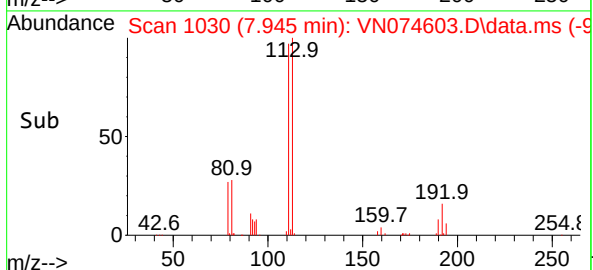
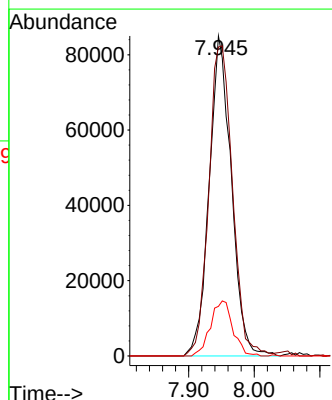
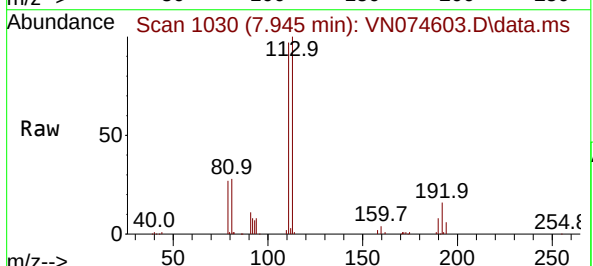
Tgt Ion:113 Resp: 198905

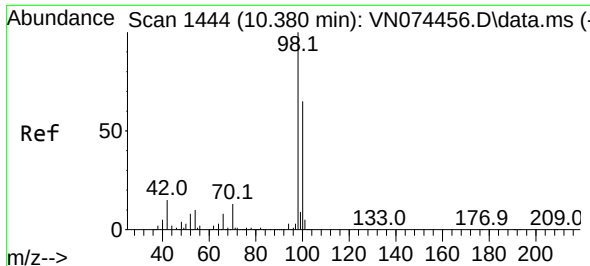
Ion Ratio Lower Upper

113 100

111 103.9 81.4 122.0

192 17.5 17.0 25.6

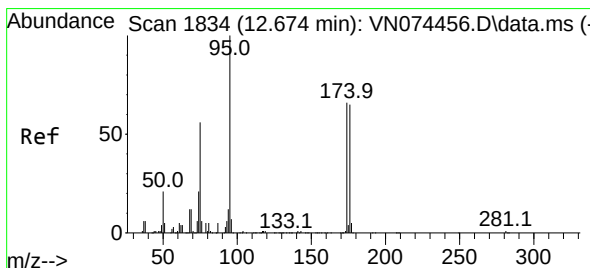
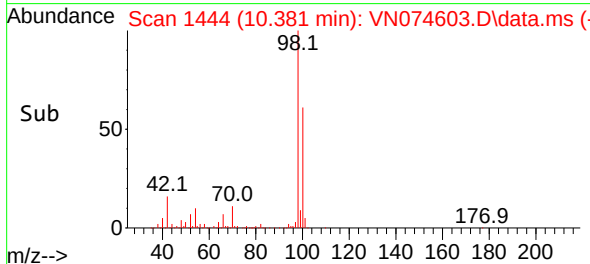
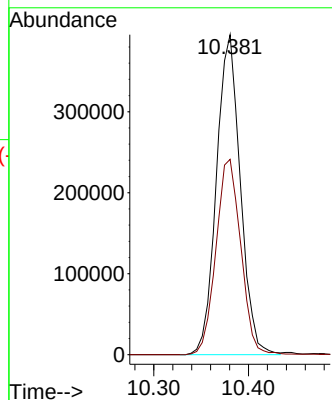
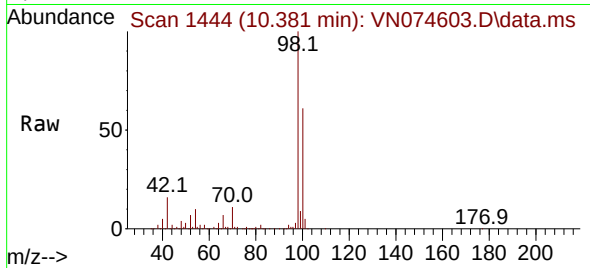




#50
Toluene-d8
Concen: 45.675 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074603.D
Acq: 21 Sep 2022 10:32

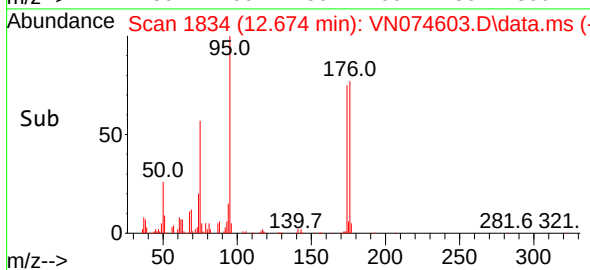
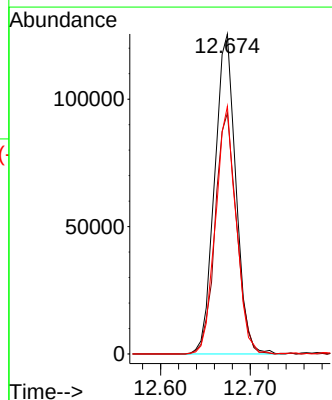
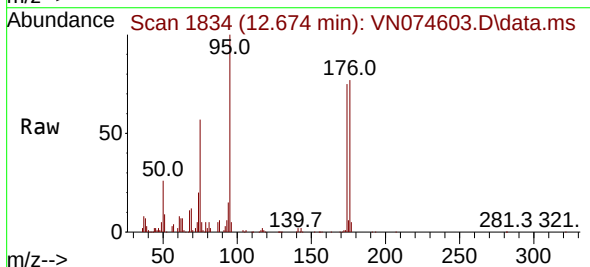
Instrument :
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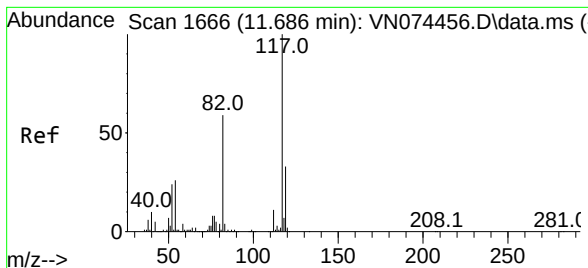
Tgt Ion: 98 Resp: 693125
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 39.603 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074603.D
Acq: 21 Sep 2022 10:32

Tgt Ion: 95 Resp: 205836
Ion Ratio Lower Upper
95 100
174 75.9 0.0 167.6
176 75.1 0.0 163.4

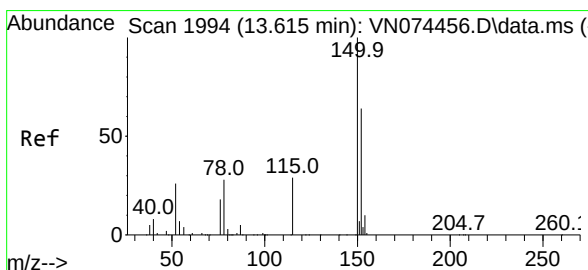
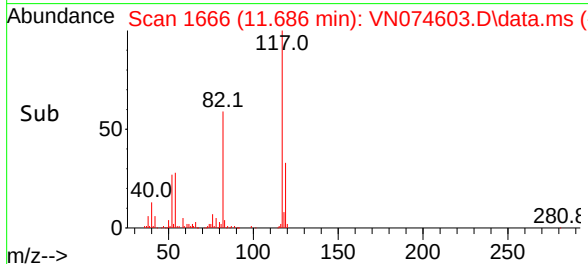
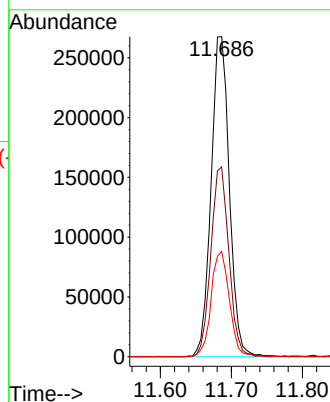
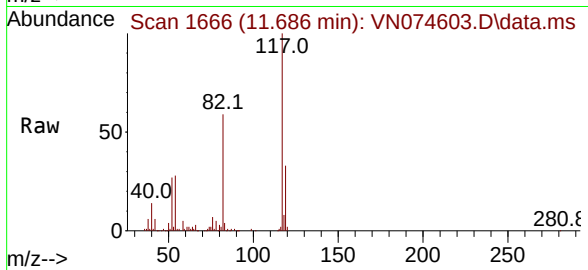




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074603.D
Acq: 21 Sep 2022 10:32

Instrument :
MSVOA_N
ClientSampleId :
VN0921MBL01

Tgt Ion:117 Resp: 478415
Ion Ratio Lower Upper
117 100
82 59.3 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. 0.001 min
Lab File: VN074603.D
Acq: 21 Sep 2022 10:32

Tgt Ion:152 Resp: 172707
Ion Ratio Lower Upper
152 100
115 60.7 28.9 86.7
150 159.5 0.0 356.2

