

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081622\
 Data File : VN073940.D
 Acq On : 16 Aug 2022 11:31
 Operator : JC\MD
 Sample : VN0816WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816WBL01

Quant Time: Aug 17 01:09:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	603497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	879998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	813093	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	400751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	297011	50.529	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.060%
35) Dibromofluoromethane	7.951	113	290427	55.806	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	111.620%
50) Toluene-d8	10.380	98	945569	46.914	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.820%
62) 4-Bromofluorobenzene	12.668	95	368591	55.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.200%

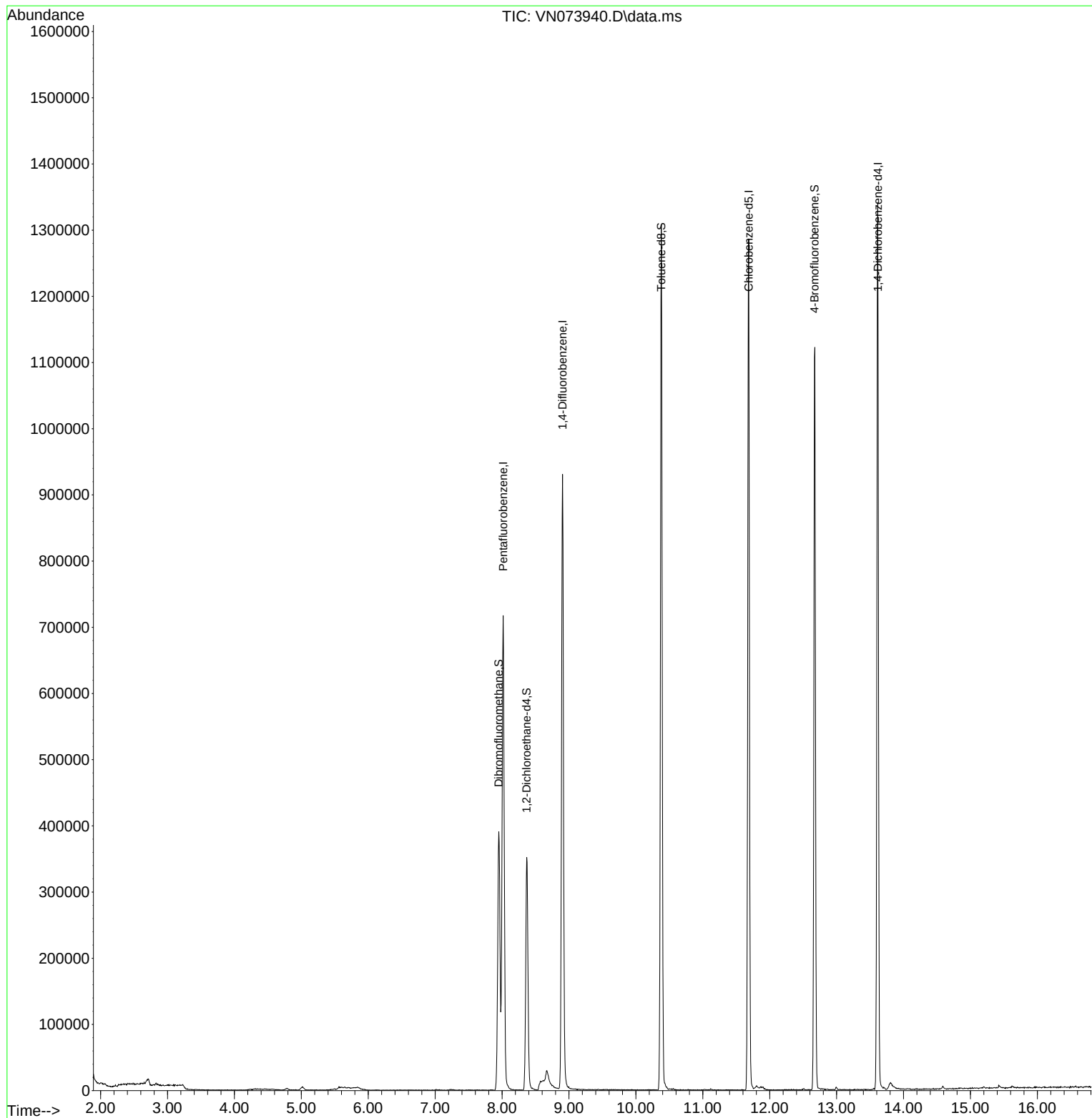
Target Compounds	Qvalue

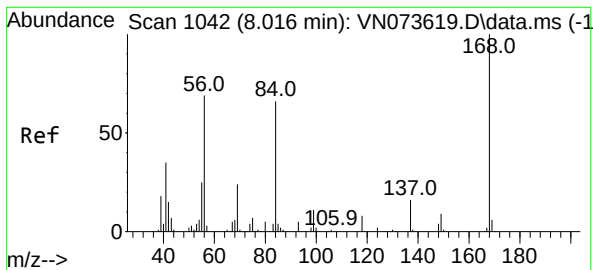
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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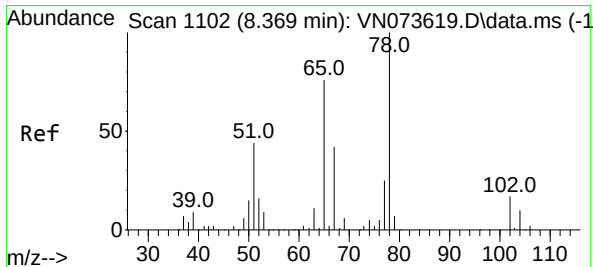
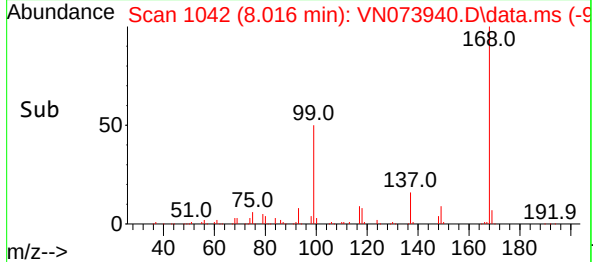
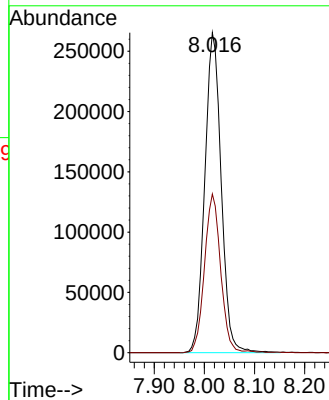
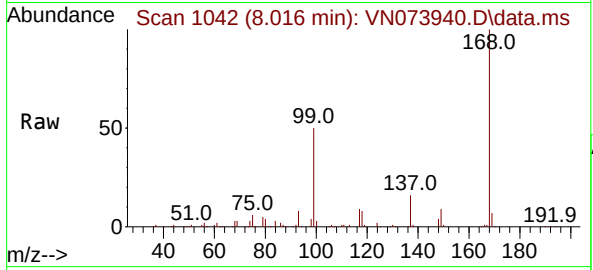




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073940.D
Acq: 16 Aug 2022 11:31

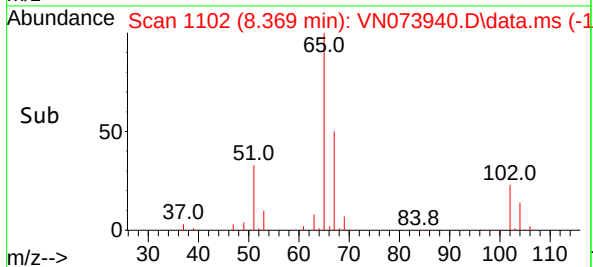
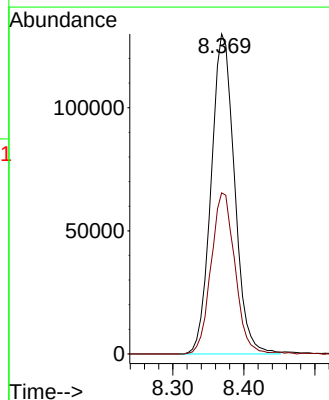
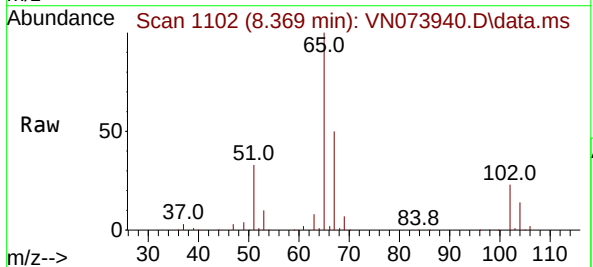
Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

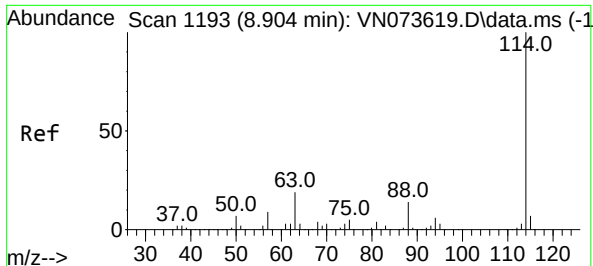
Tgt Ion:168 Resp: 603497
Ion Ratio Lower Upper
168 100
99 49.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 50.529 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073940.D
Acq: 16 Aug 2022 11:31

Tgt Ion: 65 Resp: 297011
Ion Ratio Lower Upper
65 100
67 51.3 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: VN073940.D

Acq: 16 Aug 2022 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0816WBL01

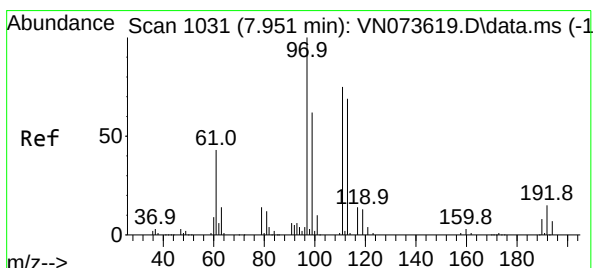
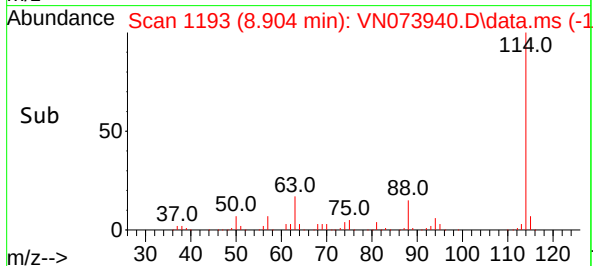
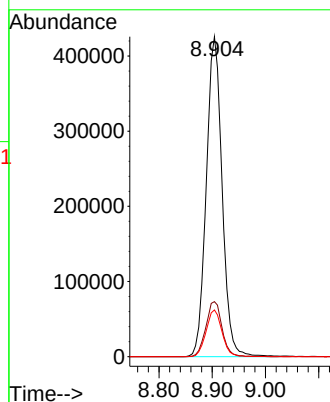
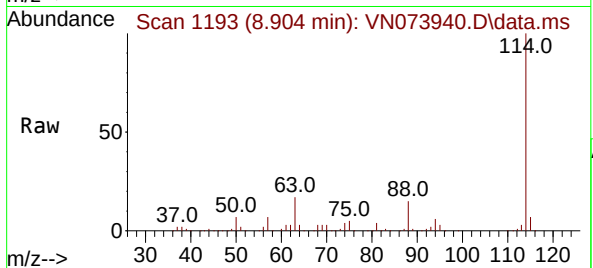
Tgt Ion:114 Resp: 879998

Ion Ratio Lower Upper

114 100

63 17.2 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.806 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073940.D

Acq: 16 Aug 2022 11:31

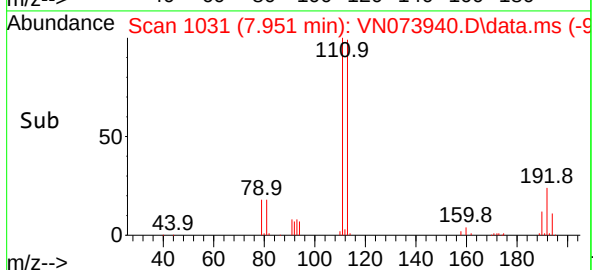
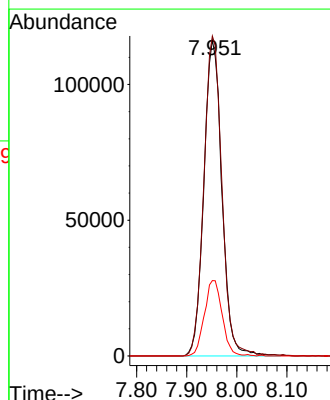
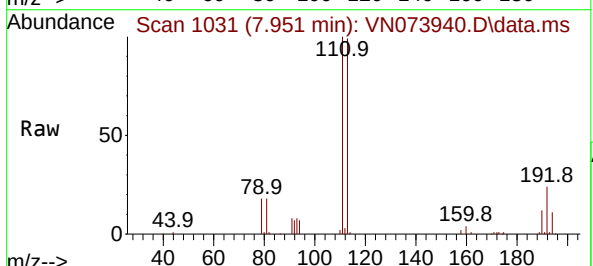
Tgt Ion:113 Resp: 290427

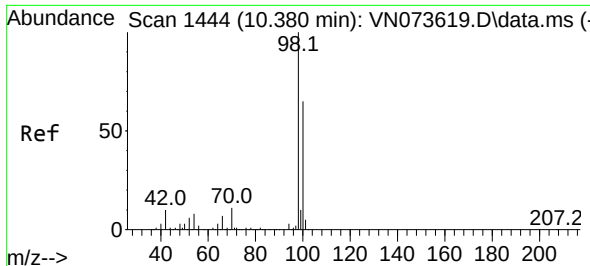
Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 23.7 17.0 25.6

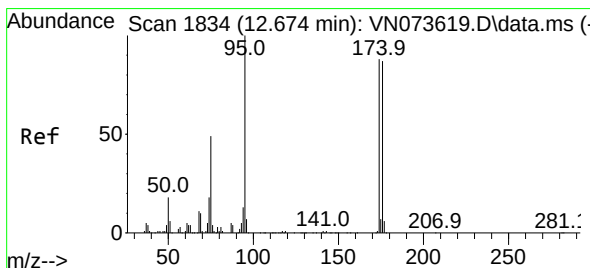
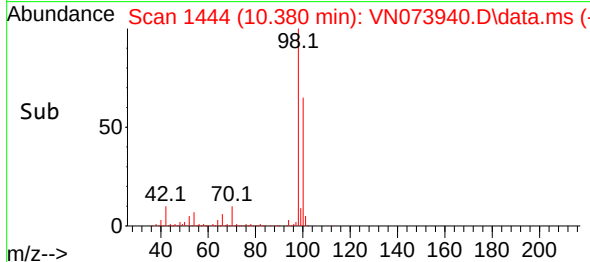
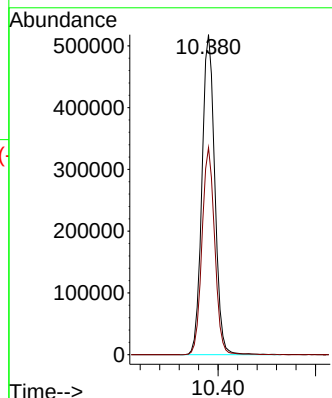
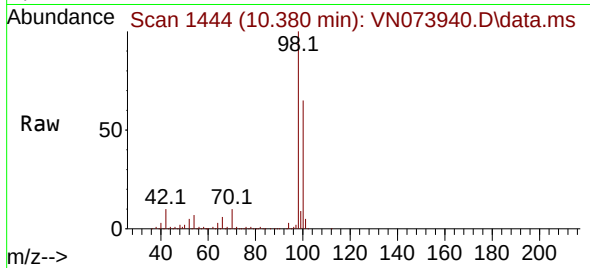




#50
Toluene-d8
Concen: 46.914 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073940.D
Acq: 16 Aug 2022 11:31

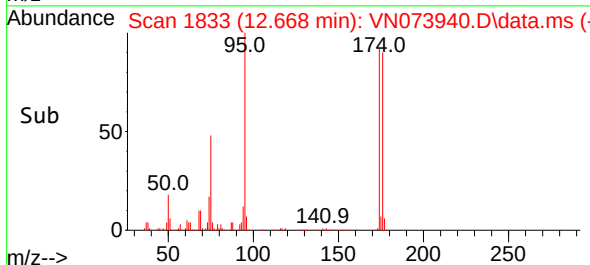
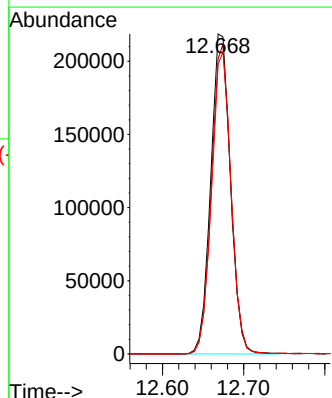
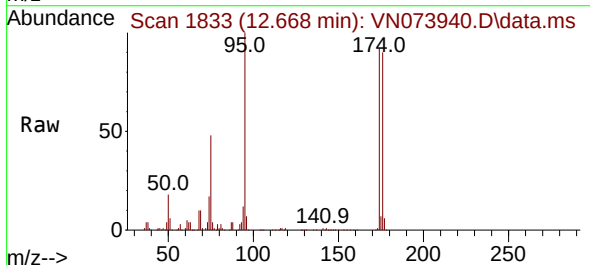
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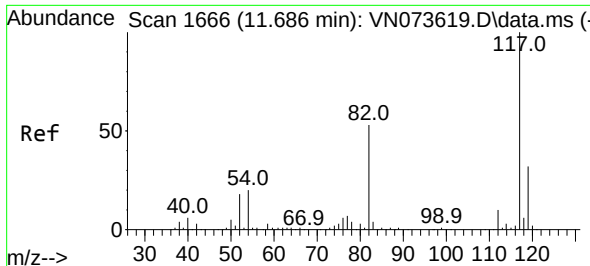
Tgt Ion: 98 Resp: 945569
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 55.102 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073940.D
Acq: 16 Aug 2022 11:31

Tgt Ion: 95 Resp: 368591
Ion Ratio Lower Upper
95 100
174 95.3 0.0 167.6
176 92.9 0.0 163.4

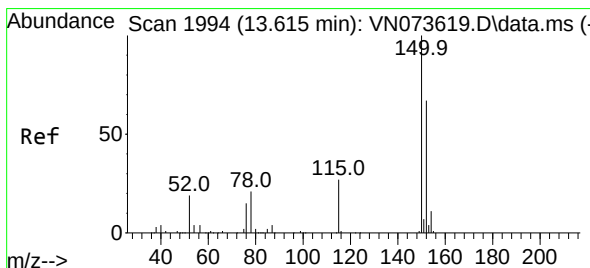
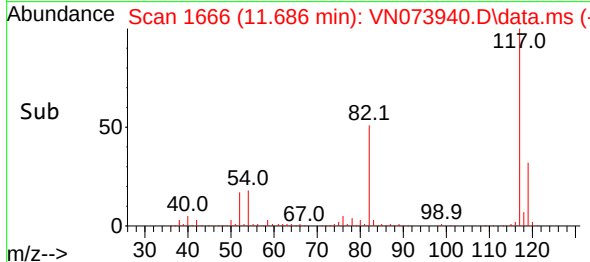
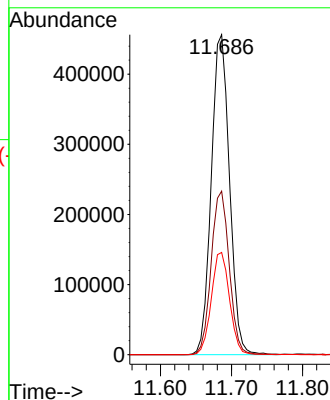
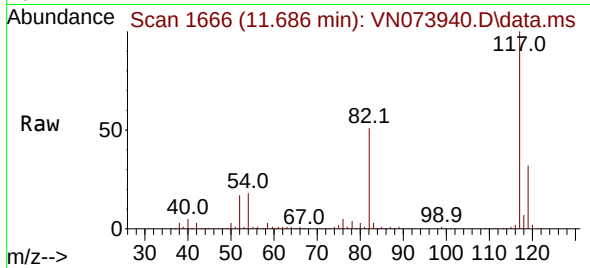




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073940.D
Acq: 16 Aug 2022 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0816WBL01

Tgt Ion:117 Resp: 813093
Ion Ratio Lower Upper
117 100
82 51.1 44.2 66.2
119 31.9 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: VN073940.D
Acq: 16 Aug 2022 11:31

Tgt Ion:152 Resp: 400751
Ion Ratio Lower Upper
152 100
115 54.4 28.9 86.7
150 158.0 0.0 356.2

