

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073816.D
 Acq On : 11 Aug 2022 11:10
 Operator : JC\MD
 Sample : VN0811WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0811WBL01

Quant Time: Aug 12 05:57:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	403423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	632777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	590989	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	284163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	243434	49.515	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.040%
35) Dibromofluoromethane	7.951	113	227480	57.250	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.500%
50) Toluene-d8	10.381	98	736892	47.128	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.675	95	270338	49.292	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.580%

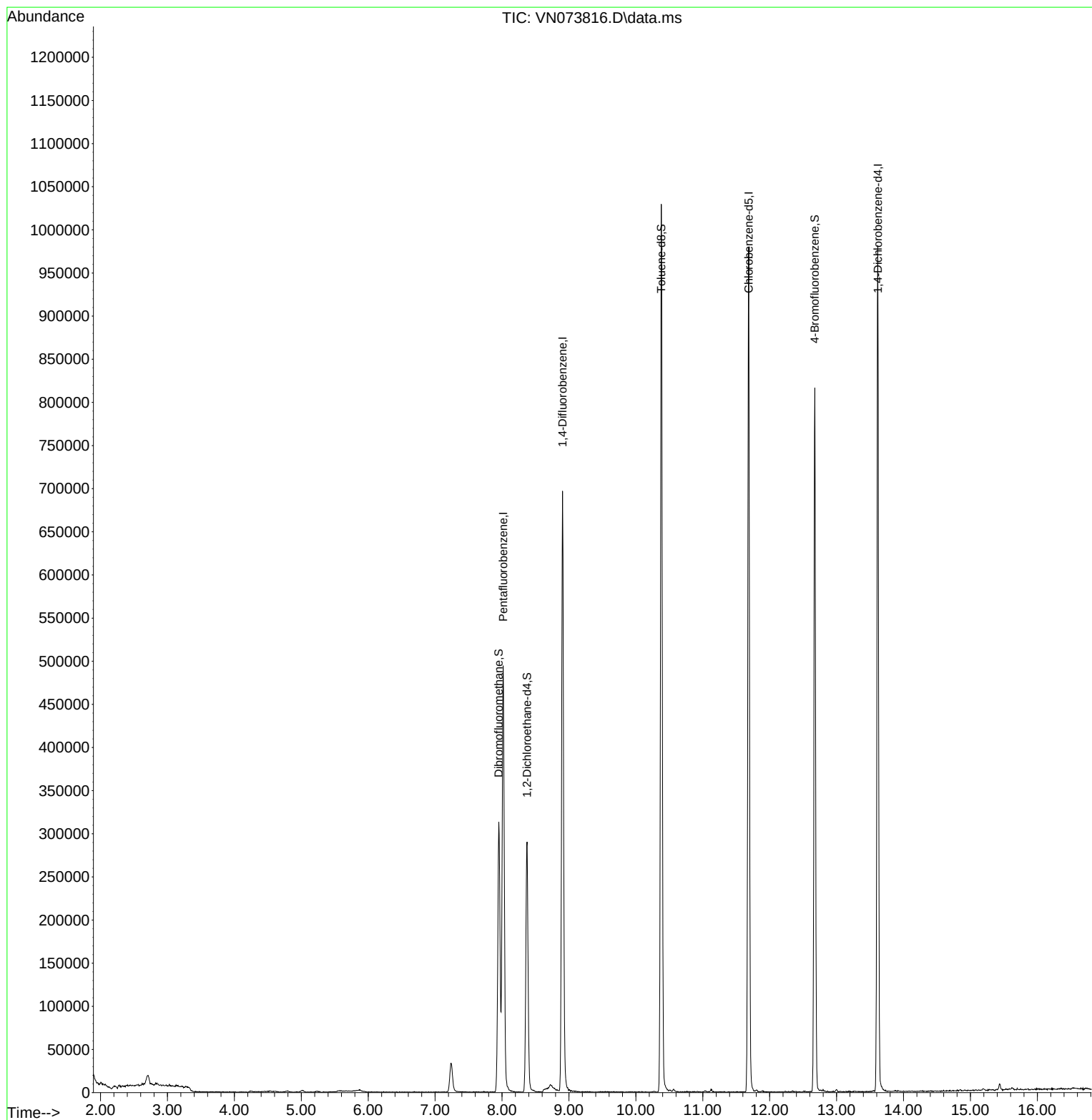
Target Compounds Qvalue

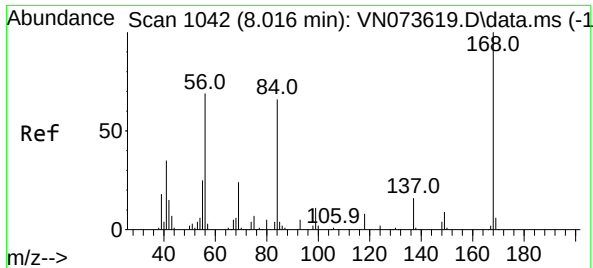
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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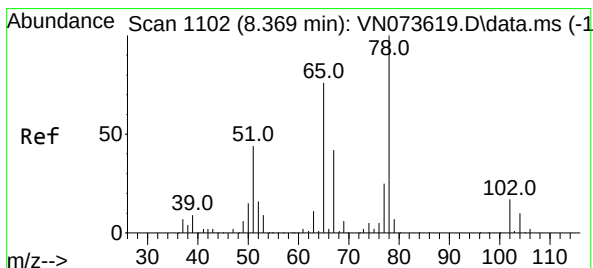
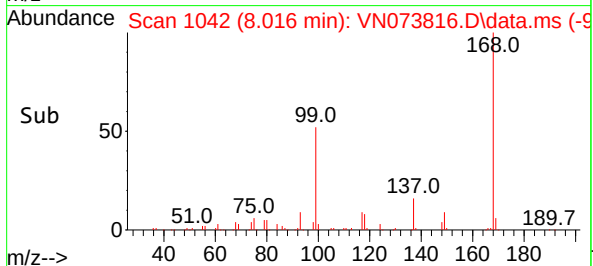
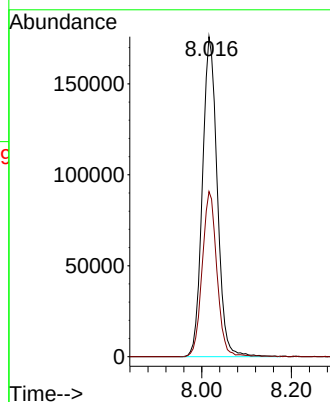
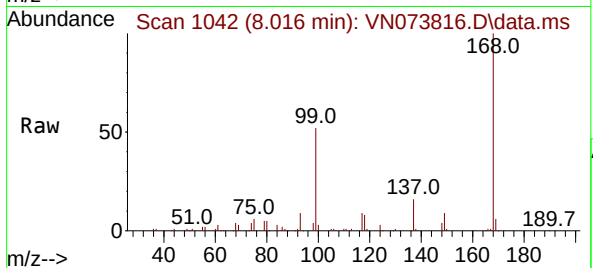




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

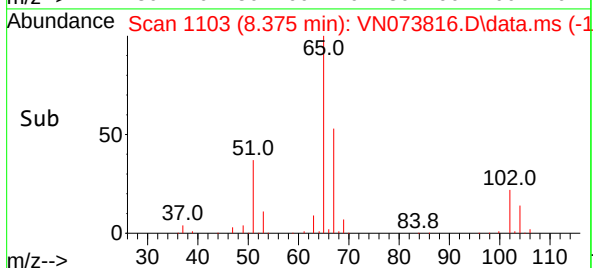
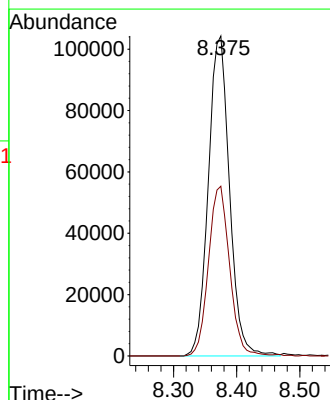
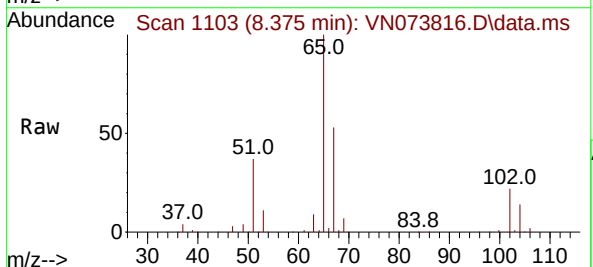
Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

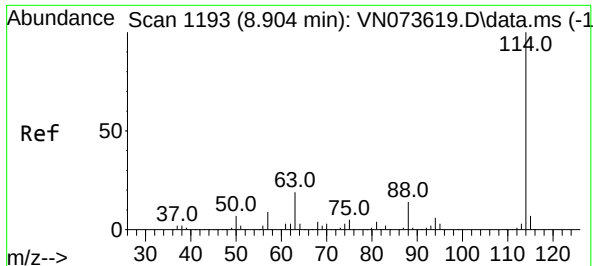
Tgt Ion:168 Resp: 403423
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 49.515 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 65 Resp: 243434
Ion Ratio Lower Upper
65 100
67 52.8 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: VN073816.D

Acq: 11 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0811WBL01

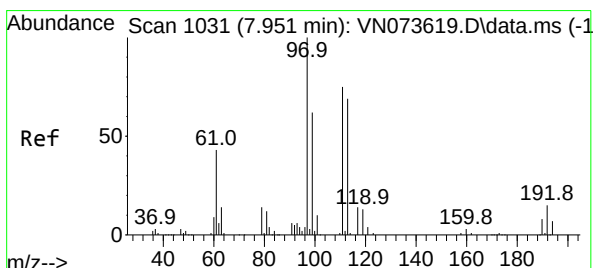
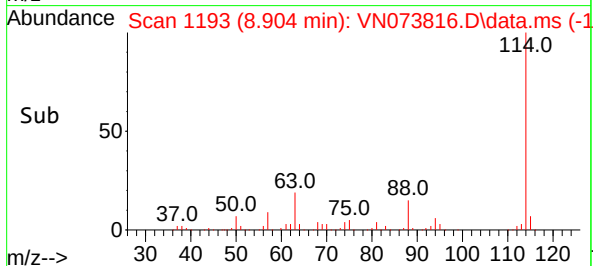
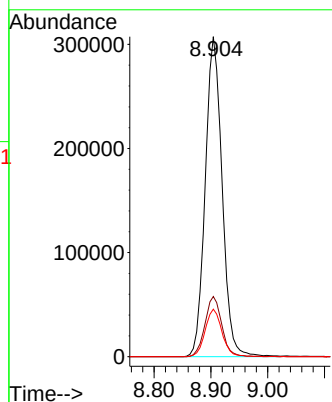
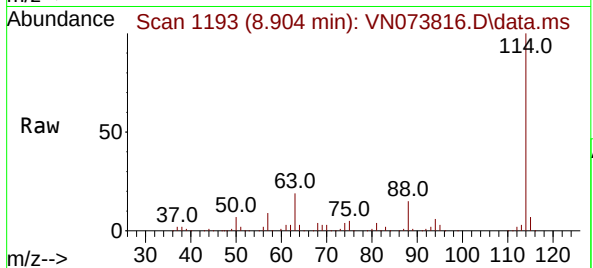
Tgt Ion:114 Resp: 632777

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 57.250 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073816.D

Acq: 11 Aug 2022 11:10

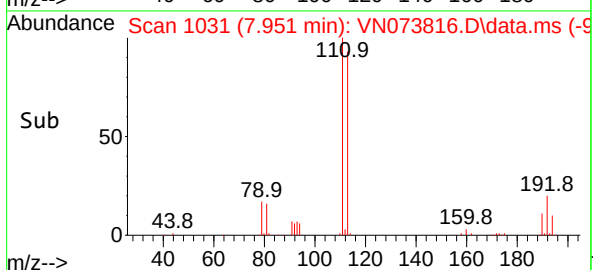
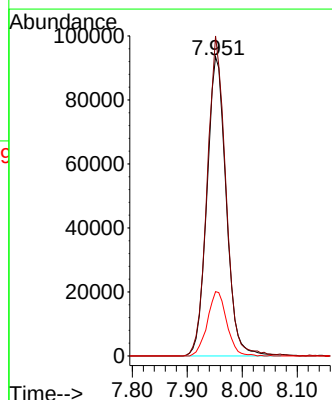
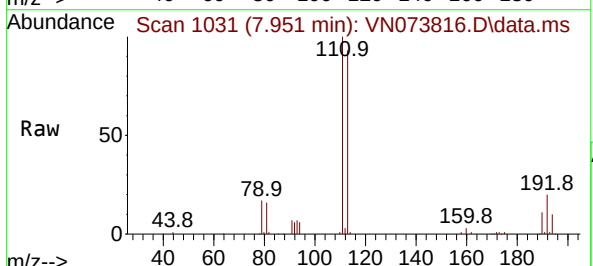
Tgt Ion:113 Resp: 227480

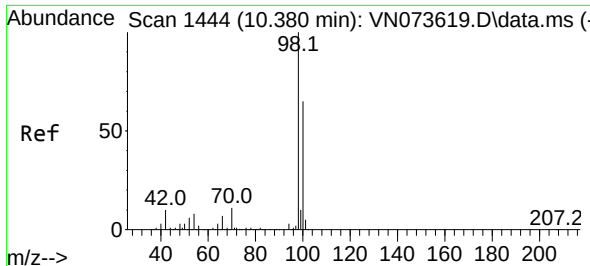
Ion Ratio Lower Upper

113 100

111 103.7 81.4 122.0

192 21.6 17.0 25.6

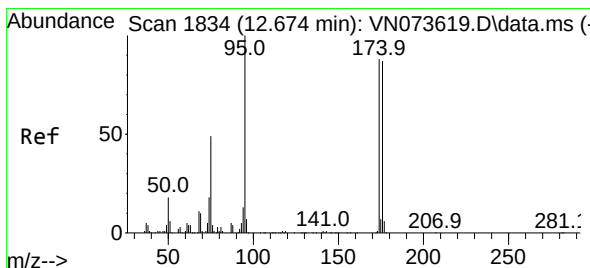
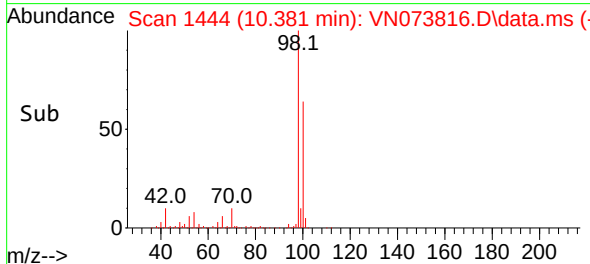
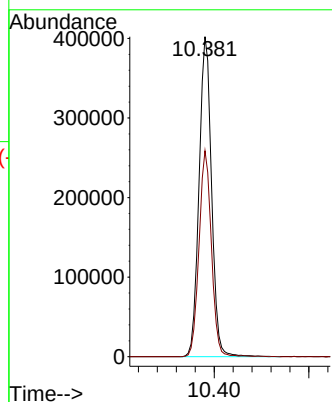
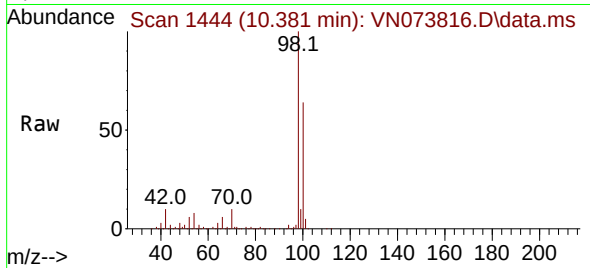




#50
Toluene-d8
Concen: 47.128 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

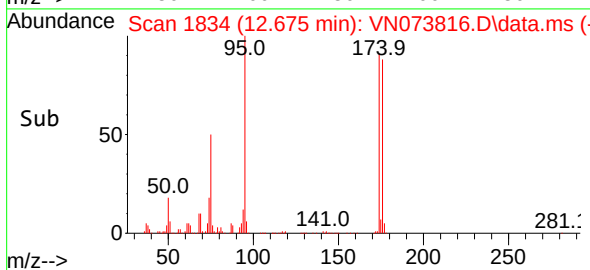
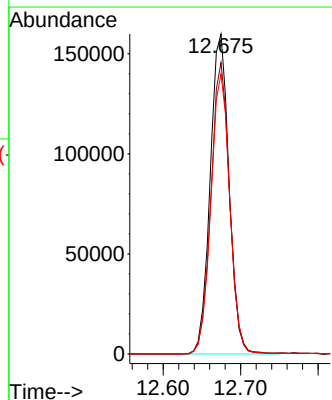
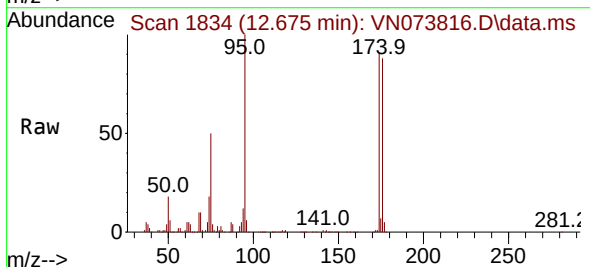
Instrument :
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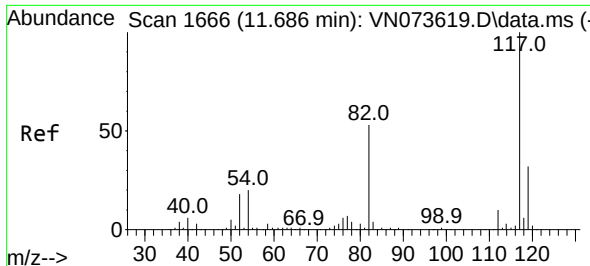
Tgt Ion: 98 Resp: 736892
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.292 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion: 95 Resp: 270338
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 87.6 0.0 163.4

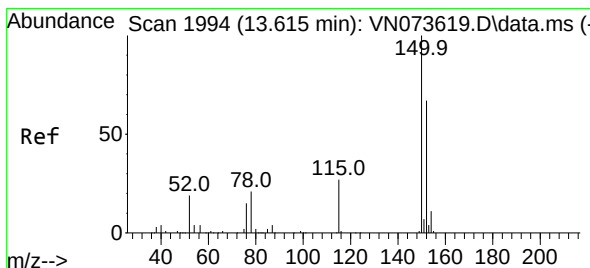
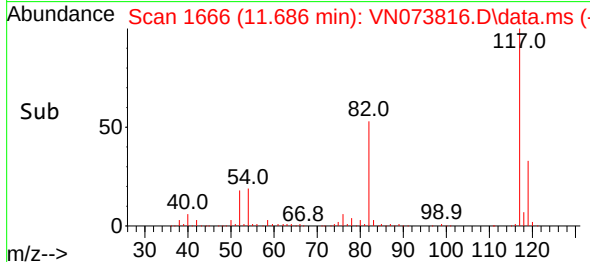
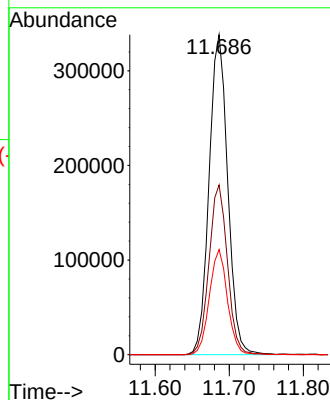
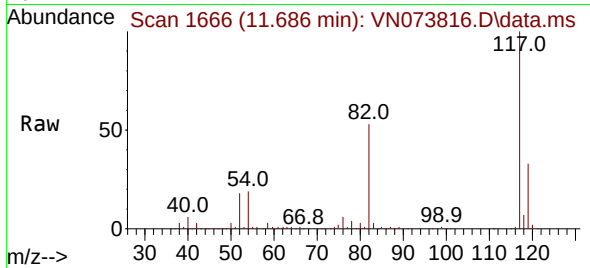




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0811WBL01

Tgt Ion:117 Resp: 590989
Ion Ratio Lower Upper
117 100
82 53.0 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. 0.000 min
Lab File: VN073816.D
Acq: 11 Aug 2022 11:10

Tgt Ion:152 Resp: 284163
Ion Ratio Lower Upper
152 100
115 55.7 28.9 86.7
150 156.5 0.0 356.2

