

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073780.D
 Acq On : 09 Aug 2022 11:10
 Operator : JC\MD
 Sample : VN0809WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL01

Quant Time: Aug 09 21:05:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	383007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	598117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	574307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	272314	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	223218	47.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	7.951	113	207861	55.344	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.680%
50) Toluene-d8	10.381	98	657725	44.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.675	95	247554	50.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.220%

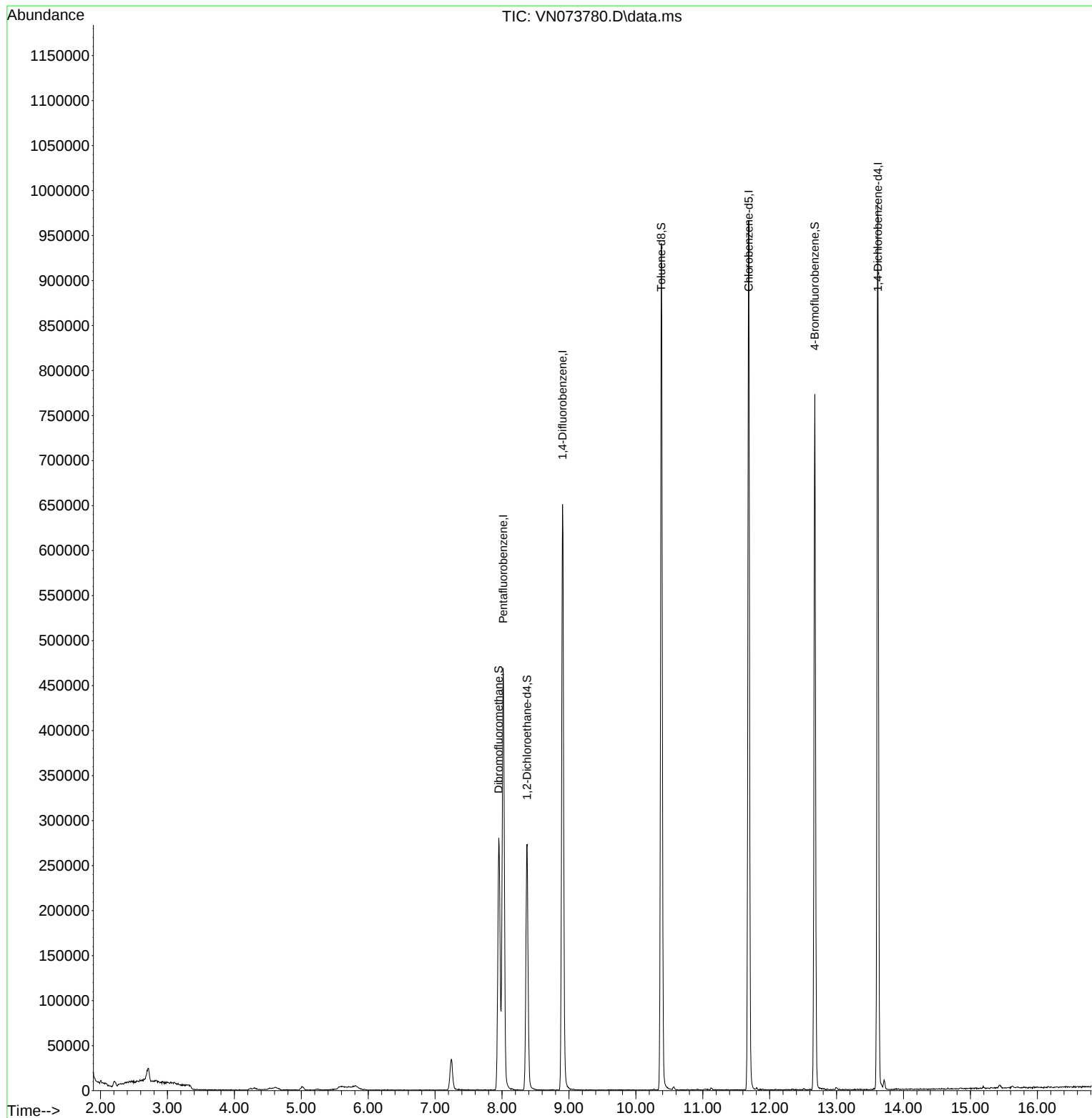
Target Compounds	Qvalue

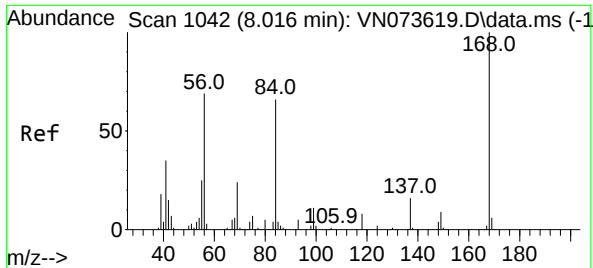
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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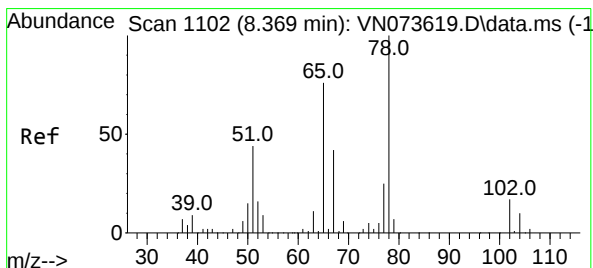
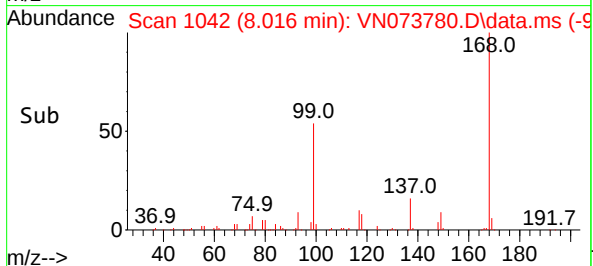
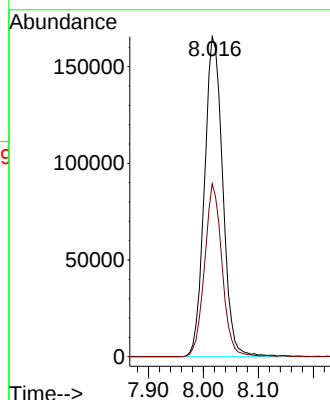
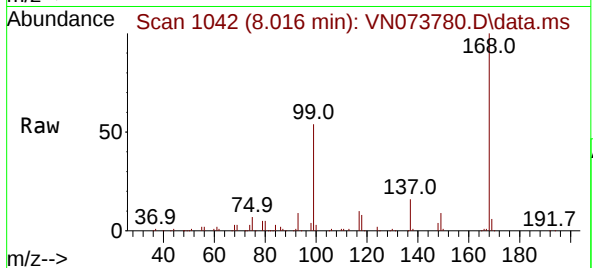




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

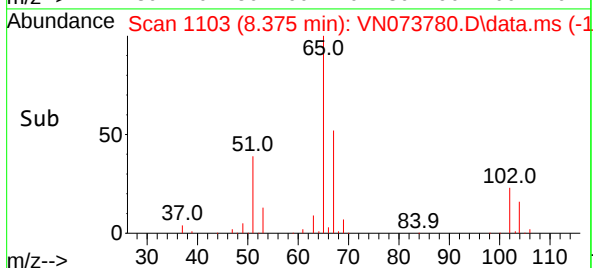
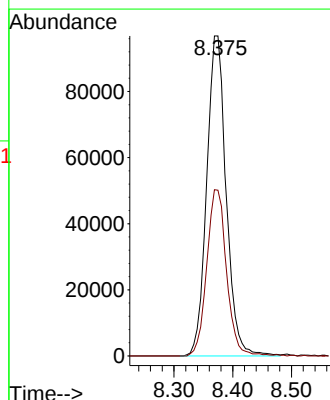
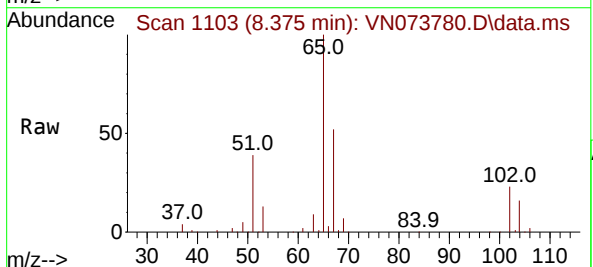
Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

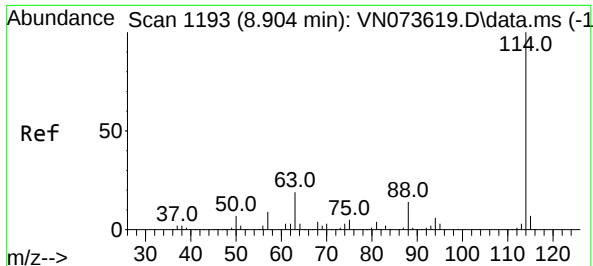
Tgt Ion:168 Resp: 383007
Ion Ratio Lower Upper
168 100
99 54.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.823 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion: 65 Resp: 223218
Ion Ratio Lower Upper
65 100
67 52.7 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: VN073780.D

Acq: 09 Aug 2022 11:10

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL01

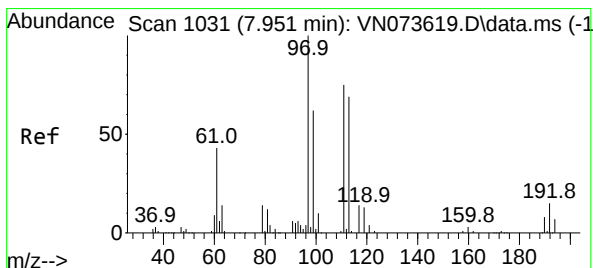
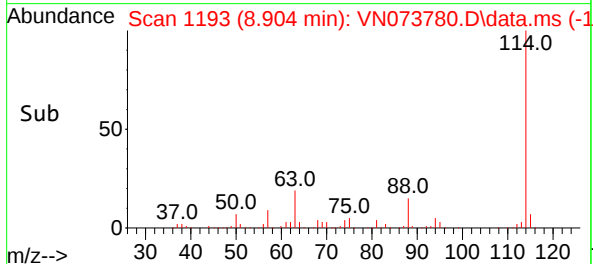
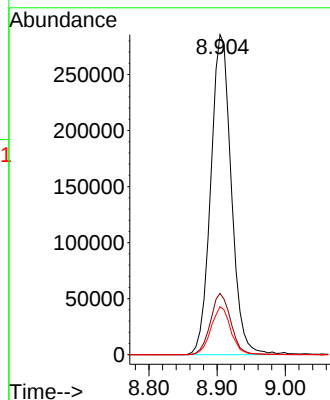
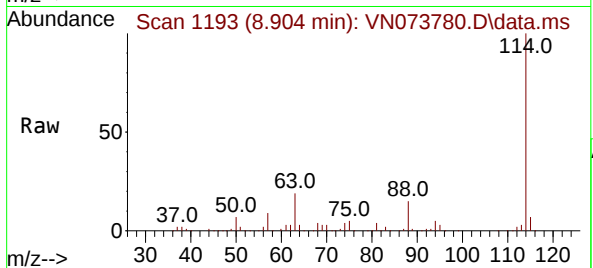
Tgt Ion:114 Resp: 598117

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

88 15.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 55.344 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073780.D

Acq: 09 Aug 2022 11:10

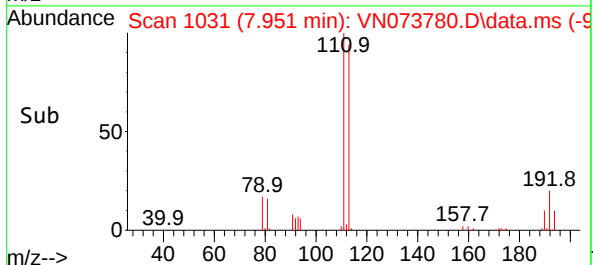
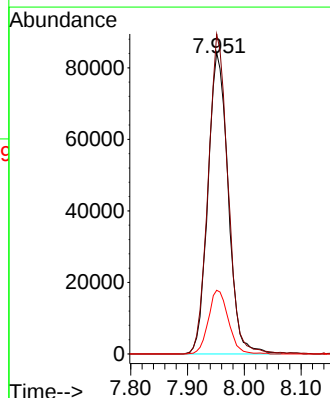
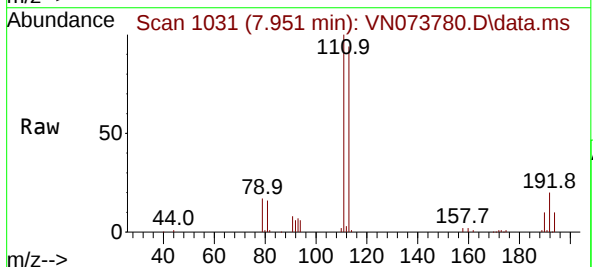
Tgt Ion:113 Resp: 207861

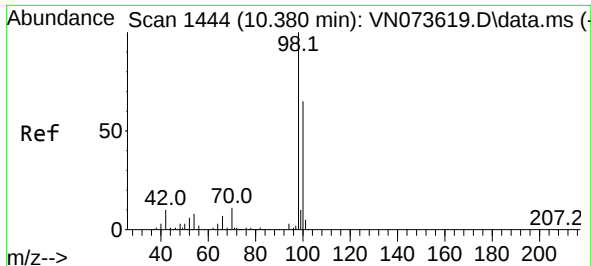
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 20.8 17.0 25.6

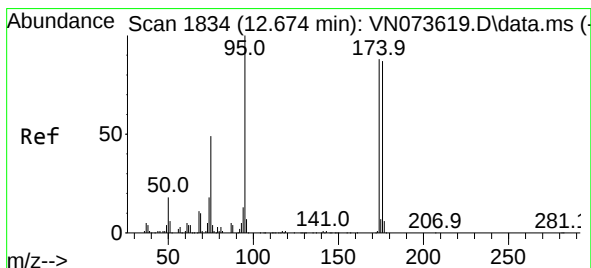
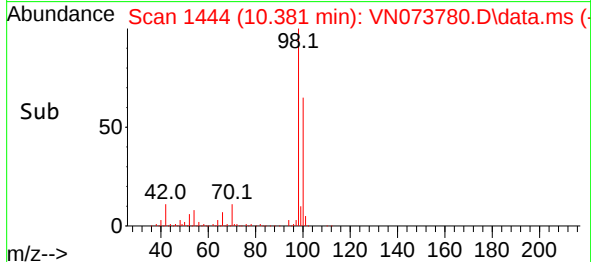
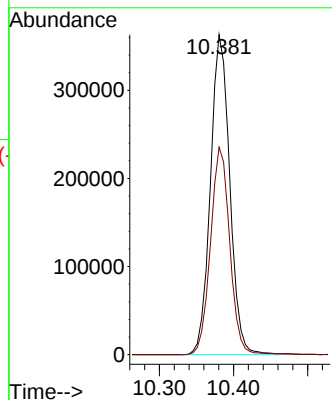
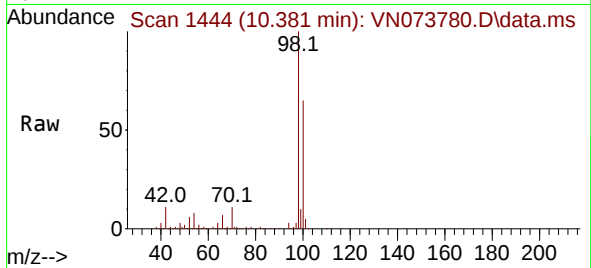




#50
Toluene-d8
Concen: 44.502 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

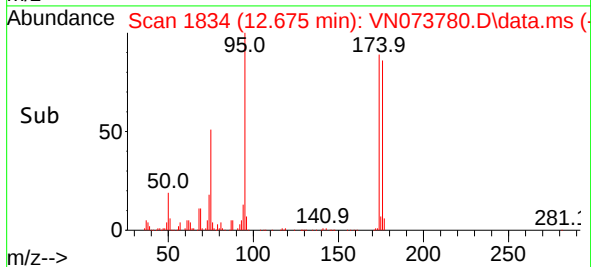
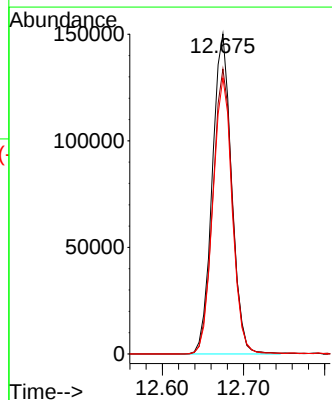
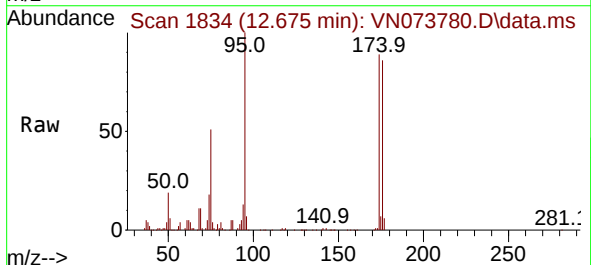
Instrument :
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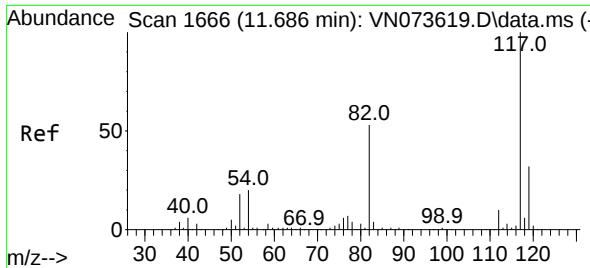
Tgt Ion: 98 Resp: 657725
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.113 ug/l
RT: 12.675 min Scan# 1834
Delta R.T. 0.001 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion: 95 Resp: 247554
Ion Ratio Lower Upper
95 100
174 90.4 0.0 167.6
176 86.6 0.0 163.4

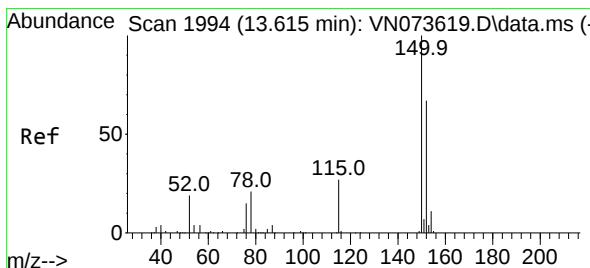
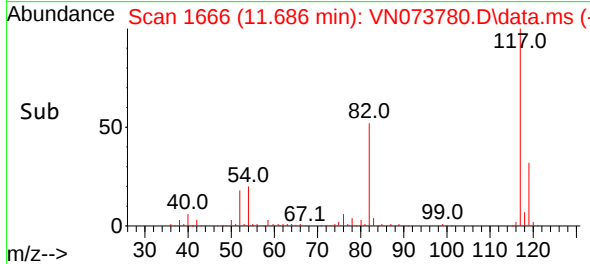
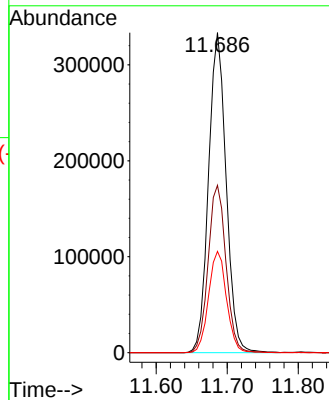
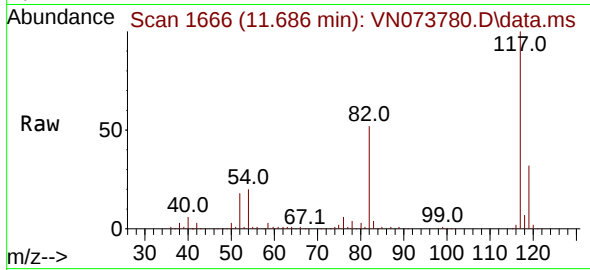




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073780.D
Acq: 09 Aug 2022 11:10

Instrument :
MSVOA_N
ClientSampleId :
VN0809WBL01

Tgt Ion:117 Resp: 574307
Ion Ratio Lower Upper
117 100
82 52.3 44.2 66.2
119 31.7 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: VN073780.D
Acq: 09 Aug 2022 11:10

Tgt Ion:152 Resp: 272314
Ion Ratio Lower Upper
152 100
115 57.4 28.9 86.7
150 159.1 0.0 356.2

