

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071259.D
 Acq On : 14 Mar 2022 11:28
 Operator : JC\MD
 Sample : VN0314WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBL01

Quant Time: Mar 15 02:49:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	838066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1376305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1270923	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	469358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	528550	46.017	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.040%
35) Dibromofluoromethane	8.016	113	398751	45.913	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.820%
50) Toluene-d8	10.439	98	1667616	47.689	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.380%
62) 4-Bromofluorobenzene	12.727	95	613886	51.844	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	103.680%

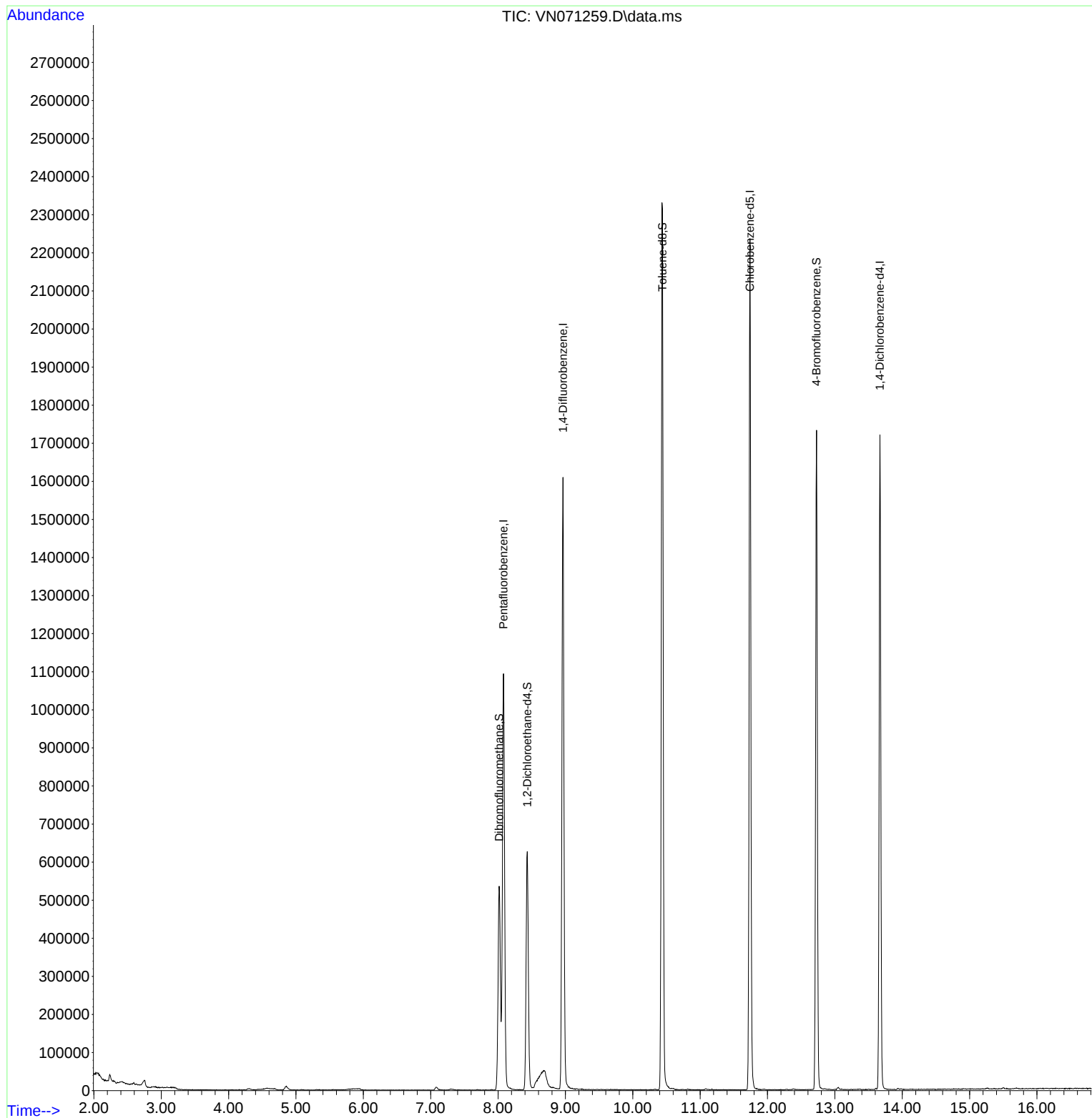
Target Compounds	Qvalue

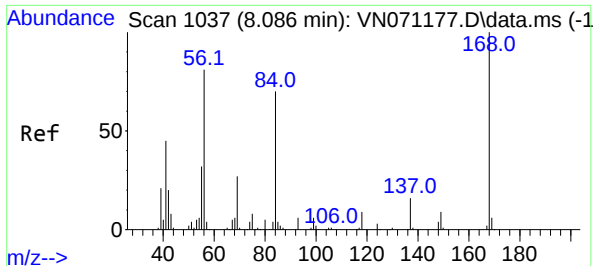
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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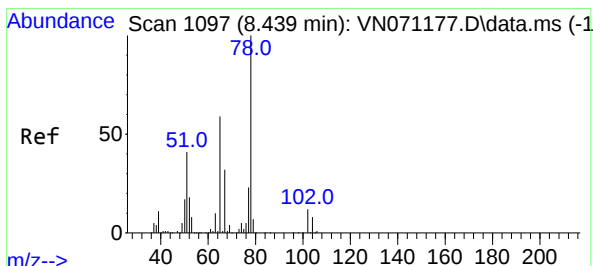
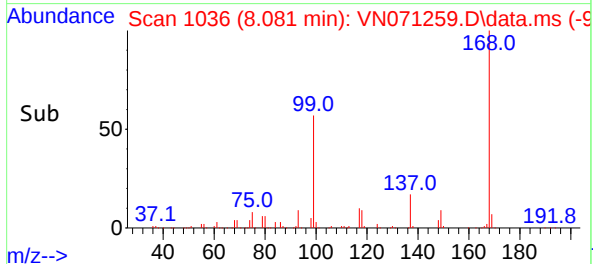
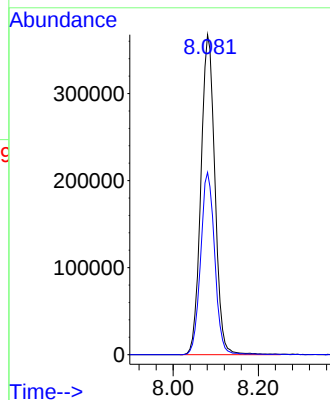
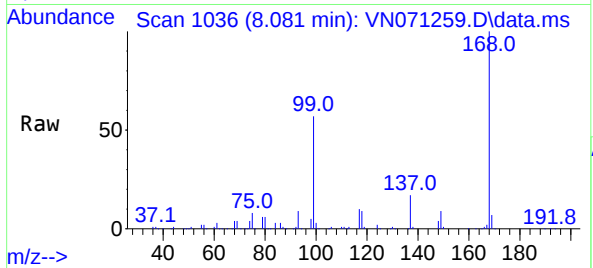




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071259.D
Acq: 14 Mar 2022 11:28

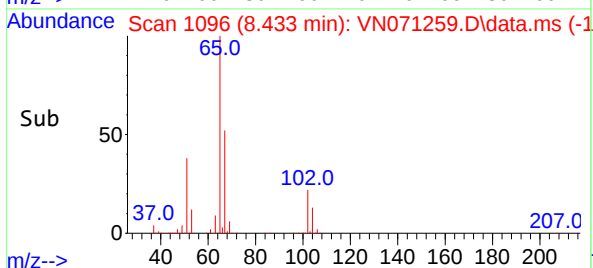
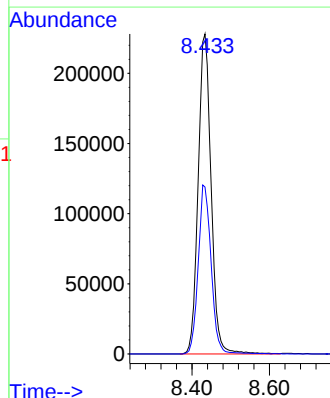
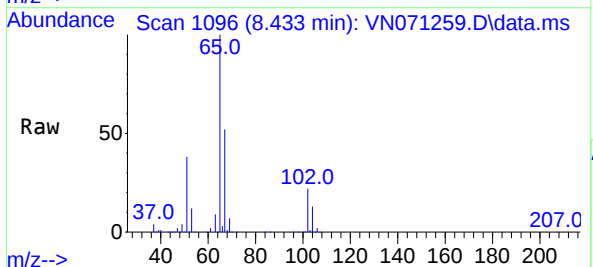
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

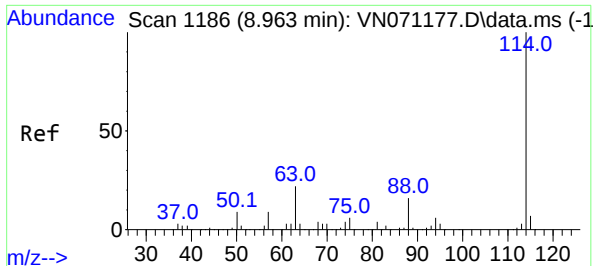
Tgt Ion:168 Resp: 838066
Ion Ratio Lower Upper
168 100
99 56.9 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 46.017 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071259.D
Acq: 14 Mar 2022 11:28

Tgt Ion: 65 Resp: 528550
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071259.D

Acq: 14 Mar 2022 11:28

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBL01

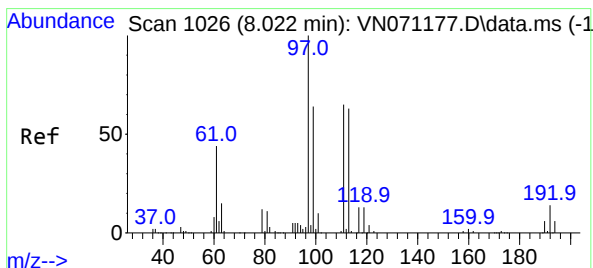
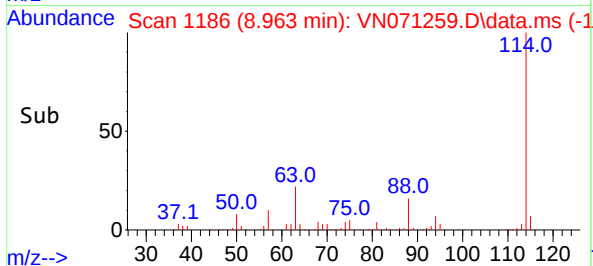
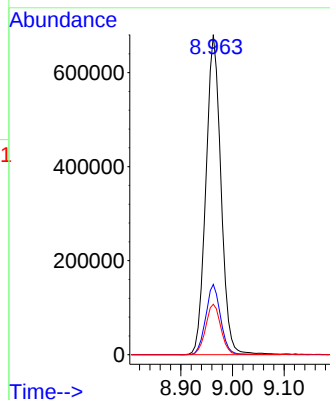
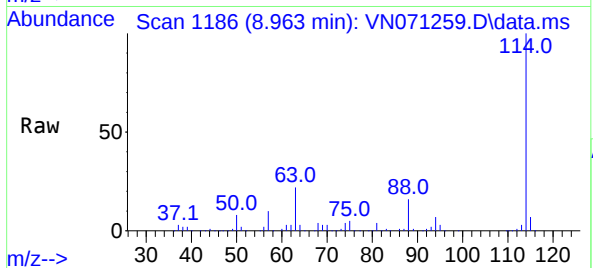
Tgt Ion:114 Resp: 1376305

Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 15.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 45.913 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071259.D

Acq: 14 Mar 2022 11:28

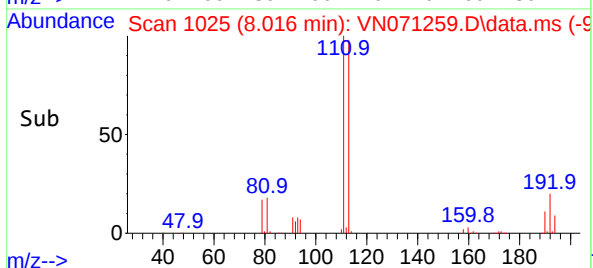
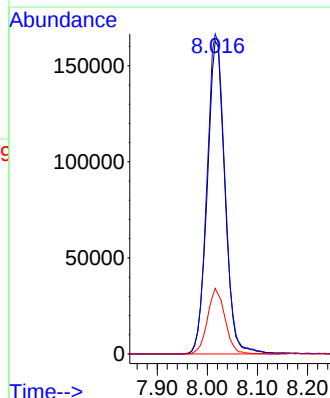
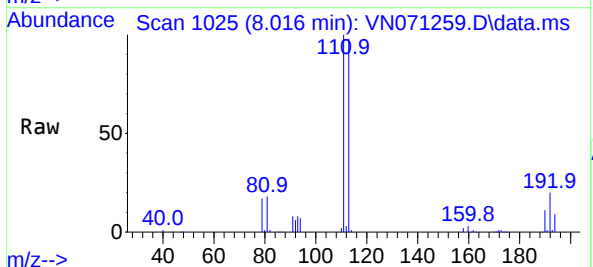
Tgt Ion:113 Resp: 398751

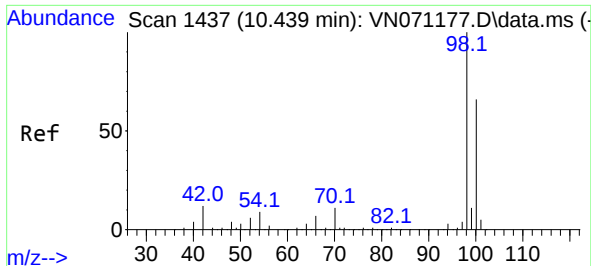
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.2

192 20.8 16.9 25.3

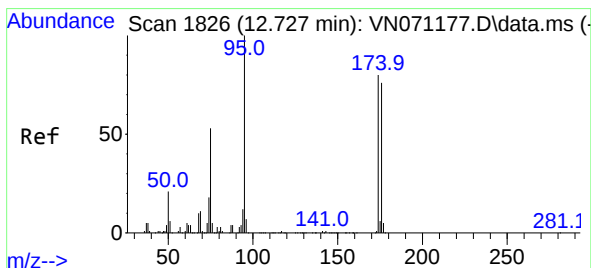
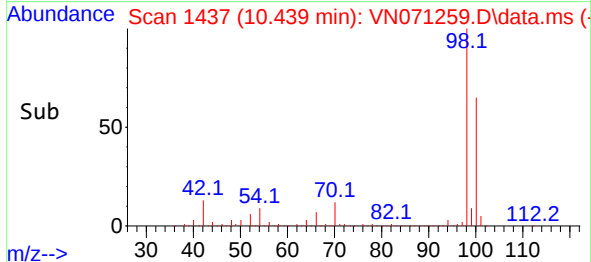
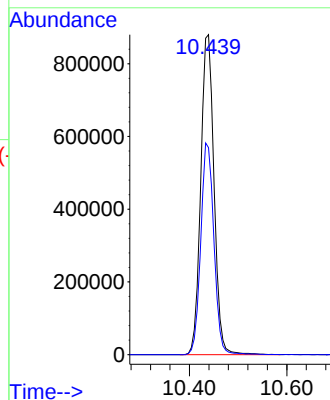
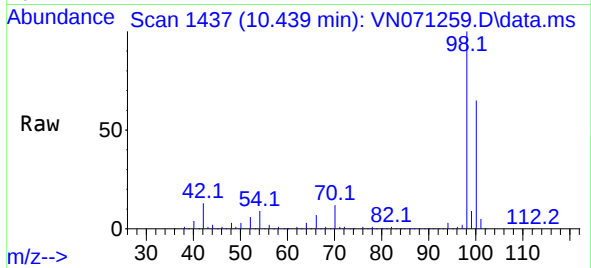




#50
Toluene-d8
Concen: 47.689 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071259.D
Acq: 14 Mar 2022 11:28

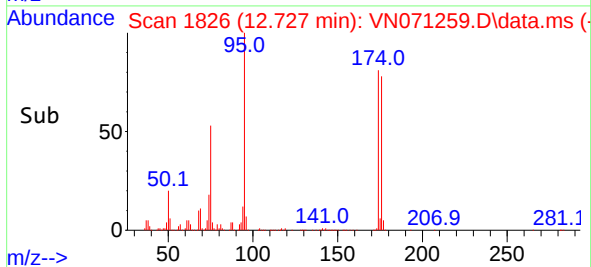
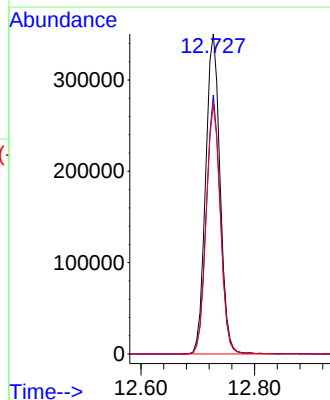
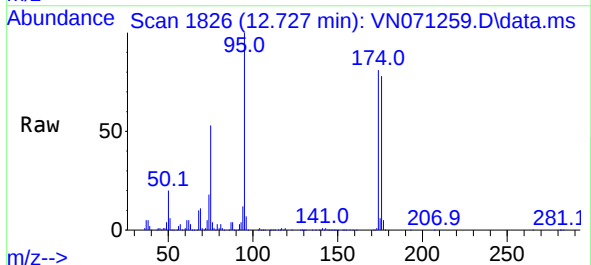
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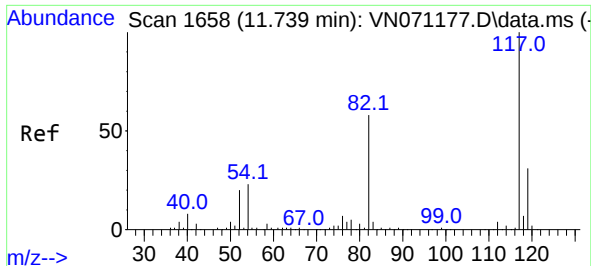
Tgt Ion: 98 Resp: 1667616
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.844 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071259.D
Acq: 14 Mar 2022 11:28

Tgt Ion: 95 Resp: 613886
Ion Ratio Lower Upper
95 100
174 78.8 0.0 187.2
176 76.9 0.0 181.4

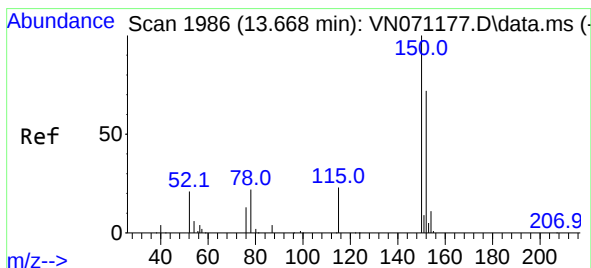
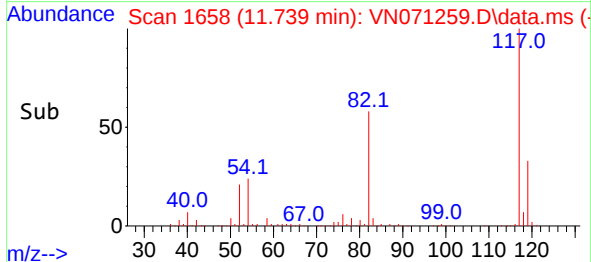
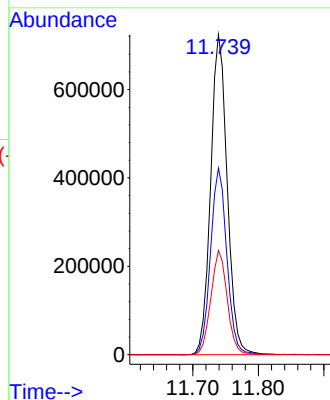
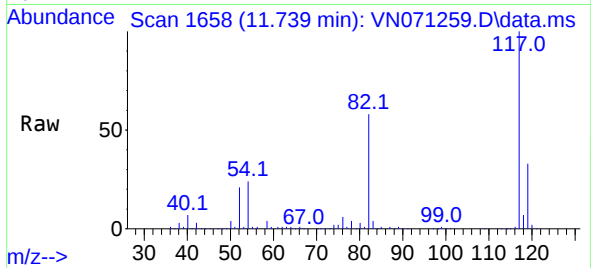




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071259.D
Acq: 14 Mar 2022 11:28

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBL01

Tgt Ion:117 Resp: 1270923
Ion Ratio Lower Upper
117 100
82 58.3 42.4 63.6
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071259.D
Acq: 14 Mar 2022 11:28

Tgt Ion:152 Resp: 469358
Ion Ratio Lower Upper
152 100
115 59.5 27.5 82.5
150 156.9 0.0 344.4

