

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021722\
 Data File : VN070982.D
 Acq On : 17 Feb 2022 16:18
 Operator : JC\MD
 Sample : N1581-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-117N-20220215

Quant Time: Feb 18 00:46:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	901596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1394585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1218904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	428571	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	511628	49.677	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.360%
35) Dibromofluoromethane	8.016	113	412773	49.762	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.520%
50) Toluene-d8	10.439	98	1679823	50.427	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.860%
62) 4-Bromofluorobenzene	12.727	95	536823	45.084	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.160%

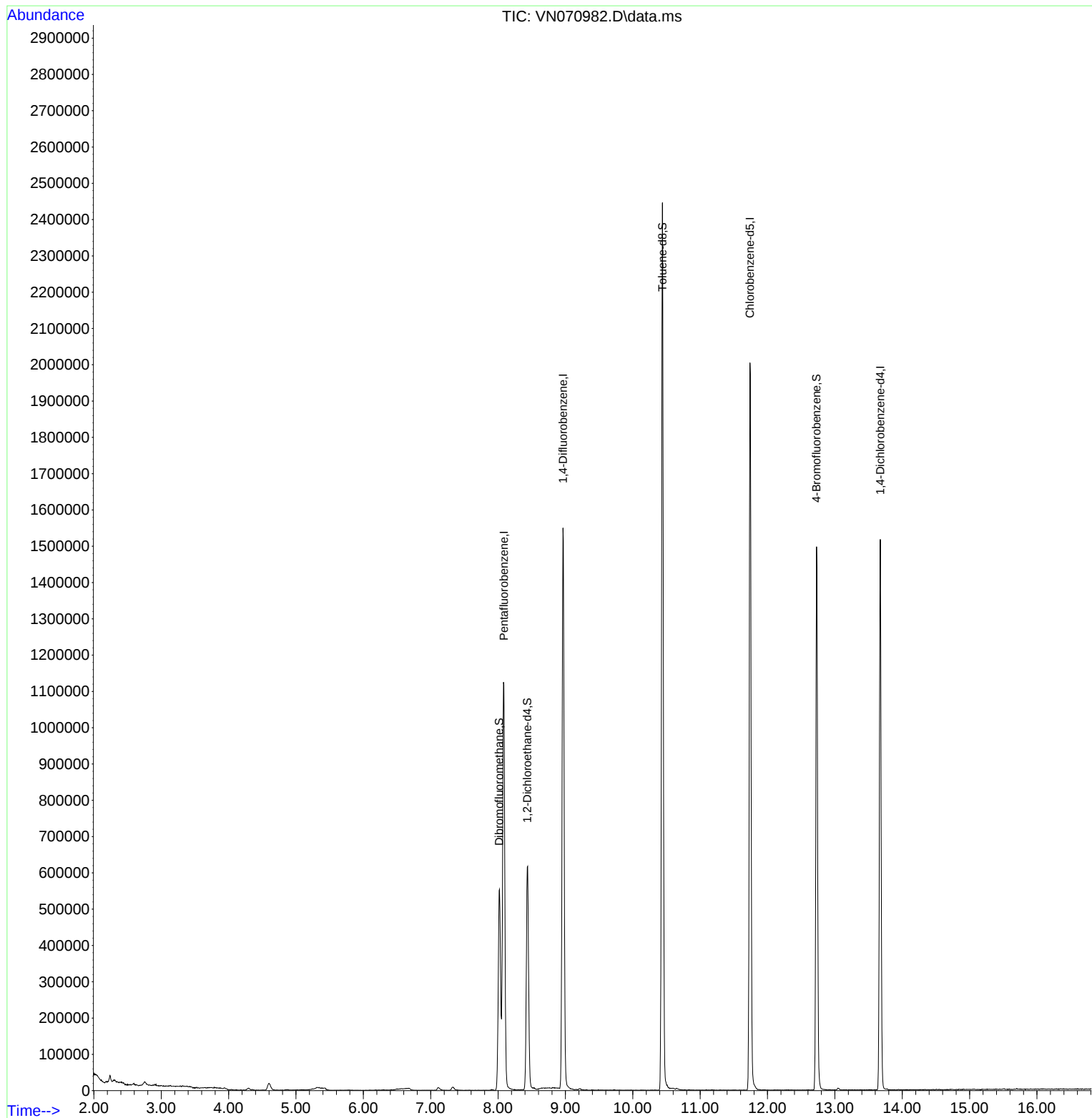
Target Compounds	Qvalue

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 1036

Delta R.T. 0.005 min

Lab File: VN070982.D

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MSVOA_N

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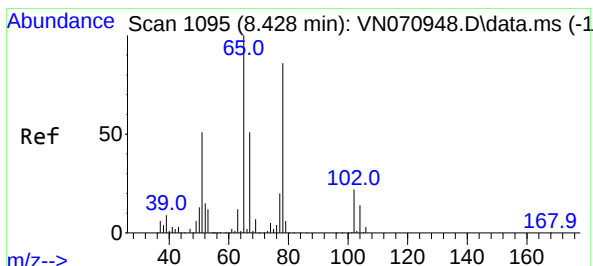
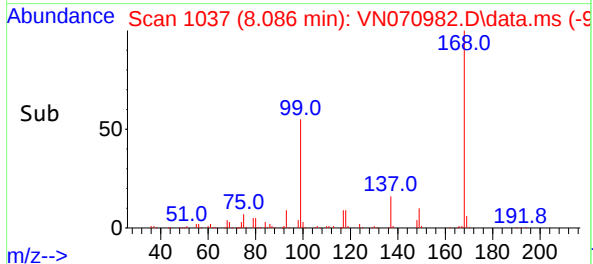
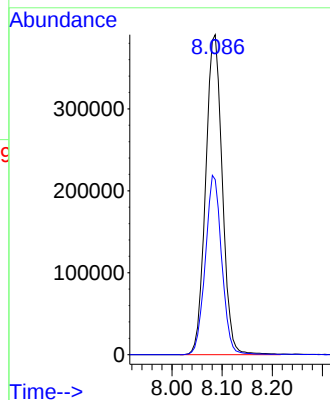
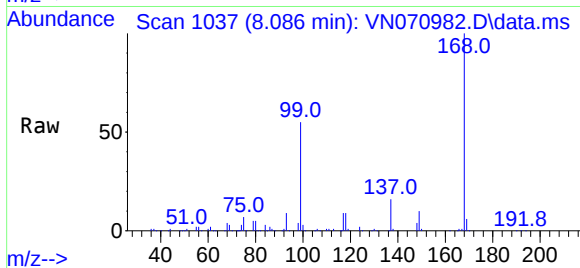
MH-117N-20220215

Tgt Ion:168 Resp: 901596

Ion Ratio Lower Upper

168 100

99 54.7 41.3 61.9



1,2-Dichloroethane-d4

Concen: 49.677 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN070982.D

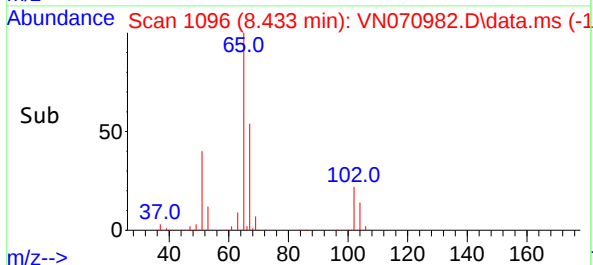
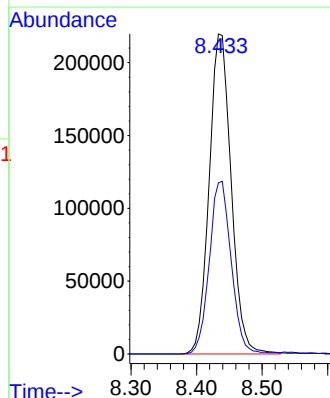
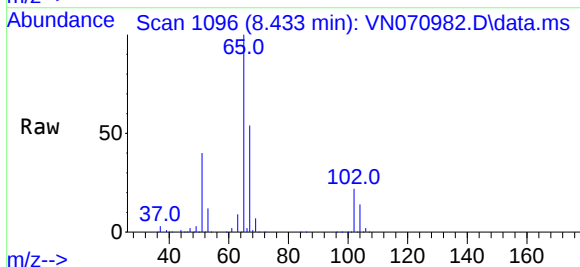
Acq: 17 Feb 2022 16:18

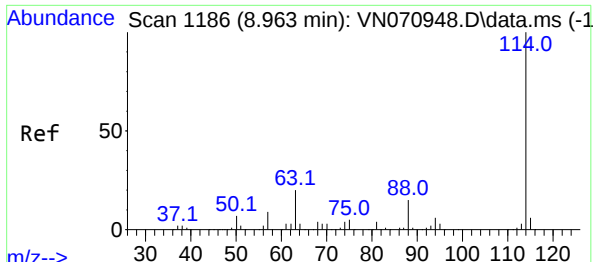
Tgt Ion: 65 Resp: 511628

Ion Ratio Lower Upper

65 100

67 54.0 0.0 103.0

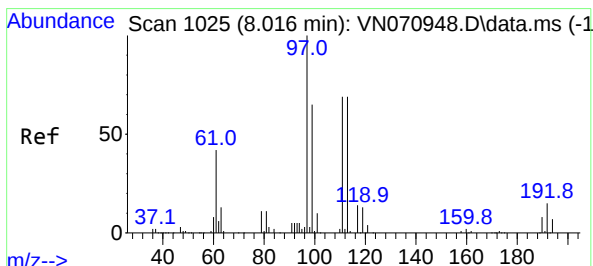
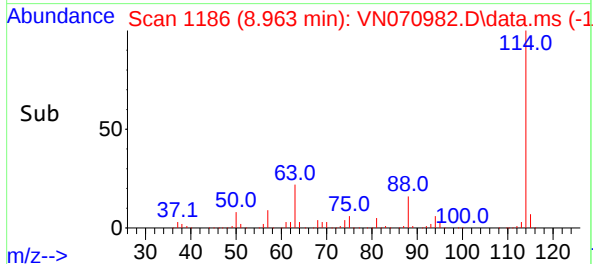
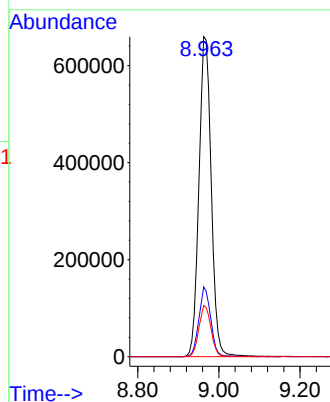
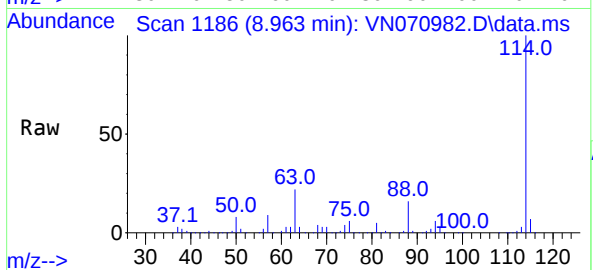




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

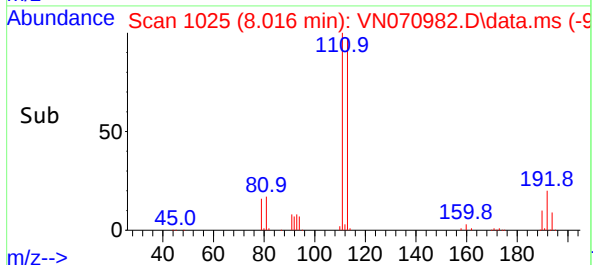
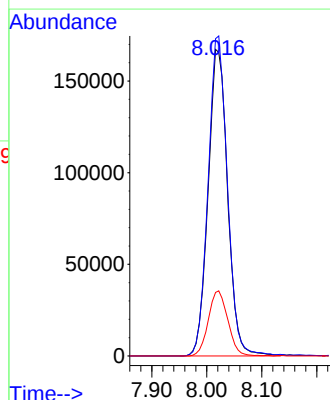
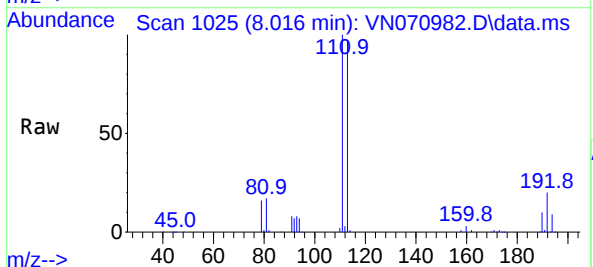
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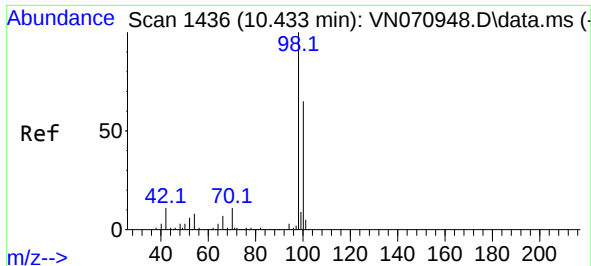
Tgt Ion:114 Resp: 1394585
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 16.0 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.762 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion:113 Resp: 412773
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 21.2 16.9 25.3

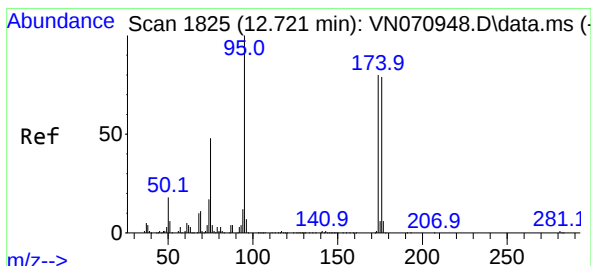
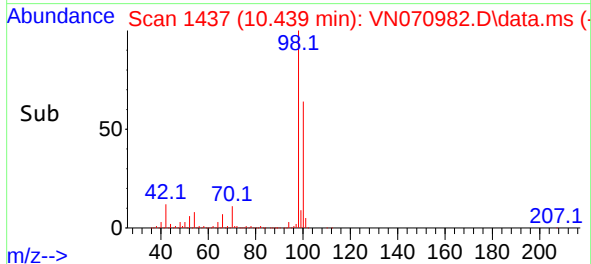
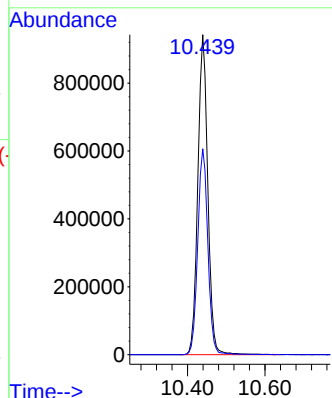
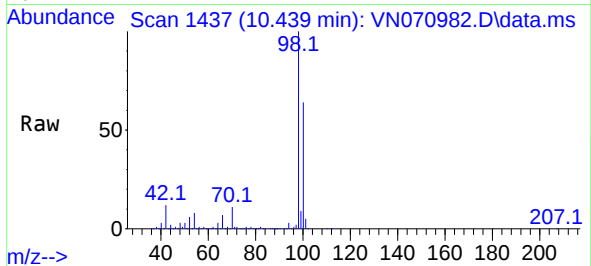




#50
Toluene-d8
Concen: 50.427 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

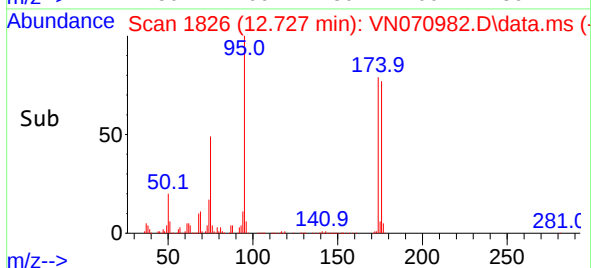
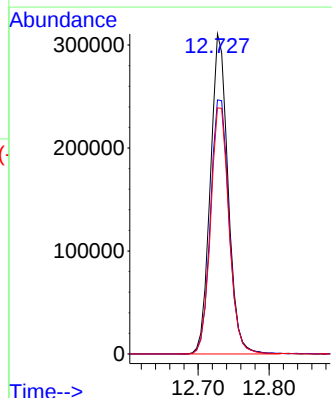
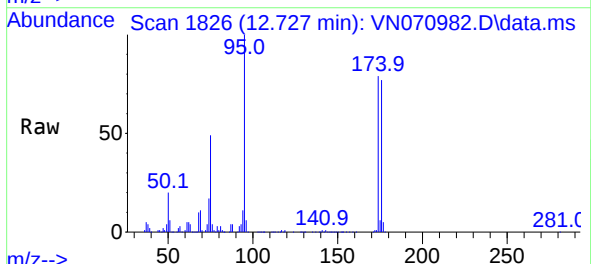
Instrument :
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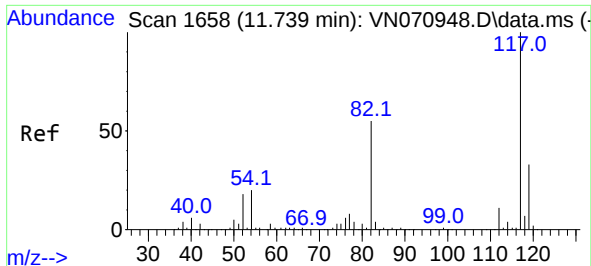
Tgt Ion: 98 Resp: 1679823
Ion Ratio Lower Upper
98 100
100 65.4 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 45.084 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion: 95 Resp: 536823
Ion Ratio Lower Upper
95 100
174 83.6 0.0 187.2
176 80.2 0.0 181.4

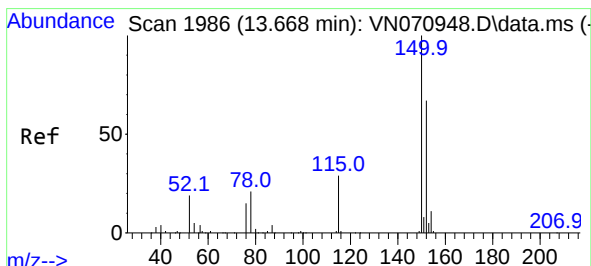
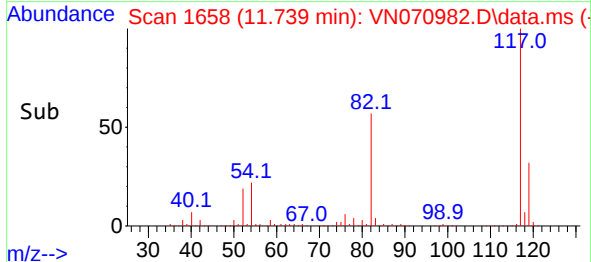
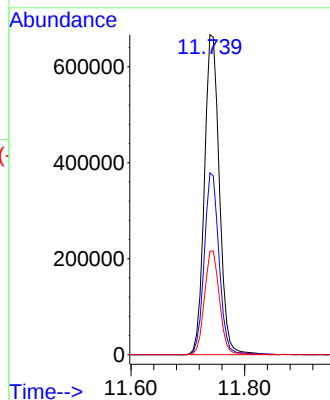
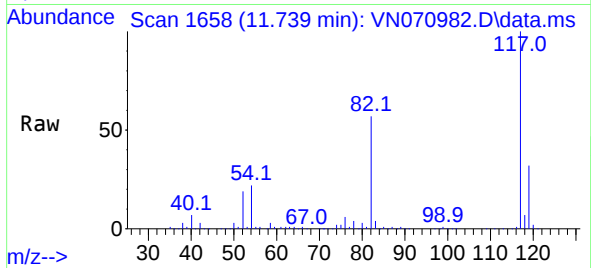




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Instrument :
MSVOA_N
ClientSampleId :
MH-117N-20220215

Tgt Ion:117 Resp: 1218904
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN070982.D
Acq: 17 Feb 2022 16:18

Tgt Ion:152 Resp: 428571
Ion Ratio Lower Upper
152 100
115 58.0 27.5 82.5
150 157.9 0.0 344.4

