

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032522\
 Data File : VN071534.D
 Acq On : 24 Mar 2022 21:34
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 25 09:53:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 25 09:52:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.087	168	671809	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1102618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1060984	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	393312	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	382360	45.811	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.620%
35) Dibromofluoromethane	8.016	113	311900	45.010	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.020%
50) Toluene-d8	10.439	98	1354992	48.478	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.960%
62) 4-Bromofluorobenzene	12.727	95	447729	48.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.780%

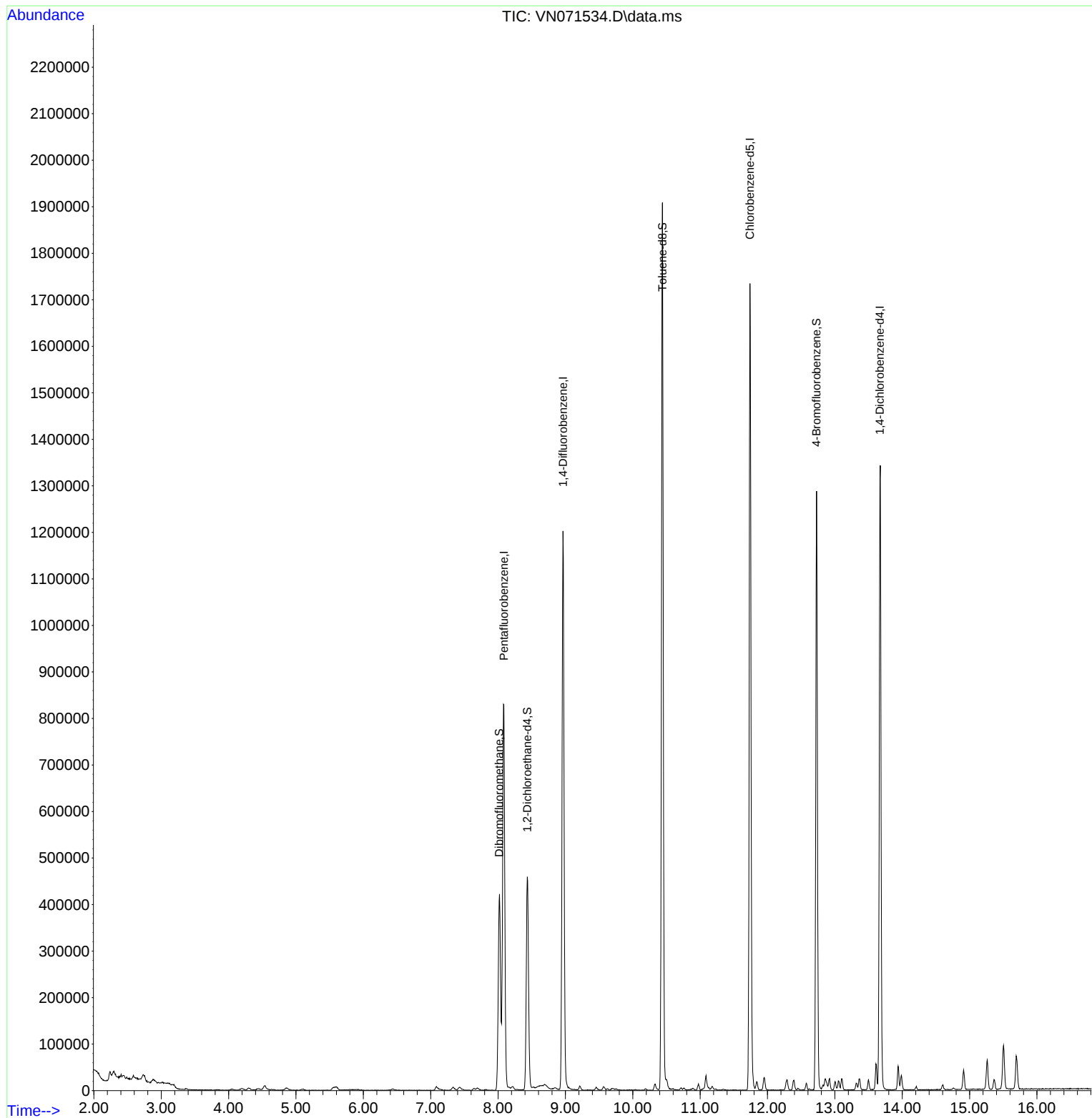
Target Compounds	Qvalue

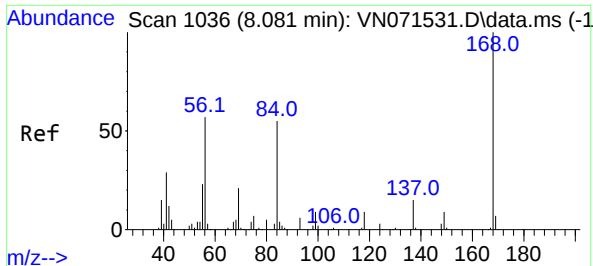
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VN071534.D

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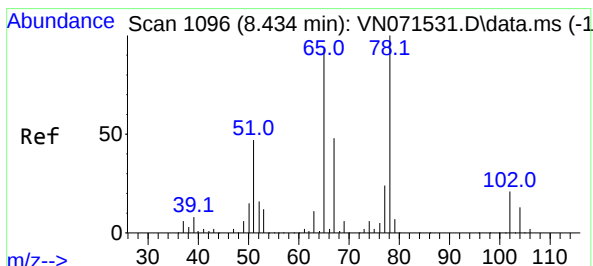
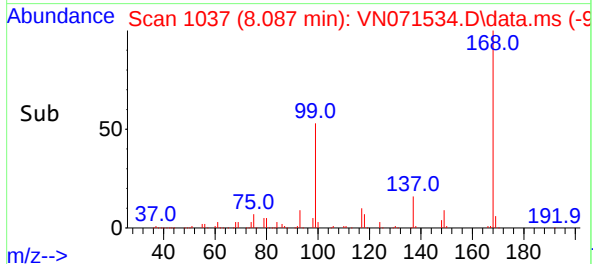
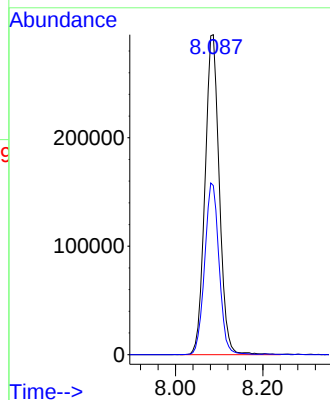
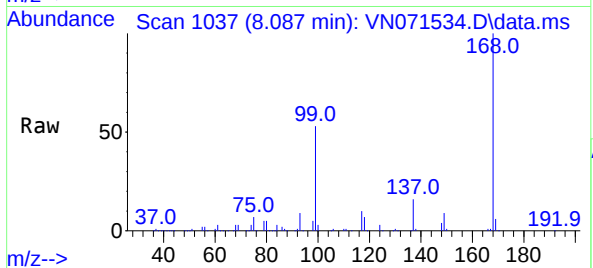
IBLK

Tgt Ion:168 Resp: 671809

Ion Ratio Lower Upper

168 100

99 52.8 42.3 63.5



1,2-Dichloroethane-d4

Concen: 45.811 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN071534.D

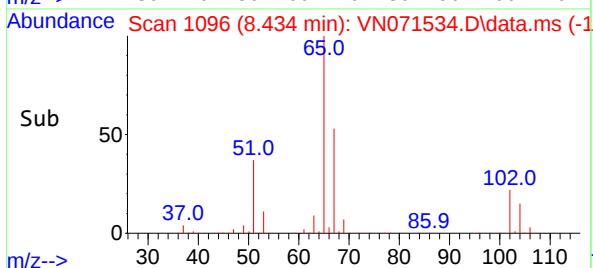
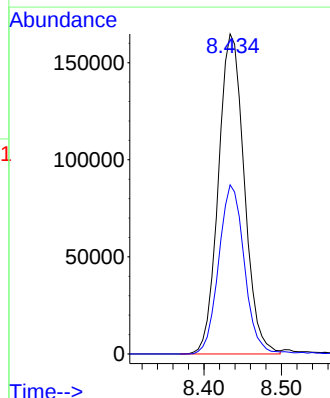
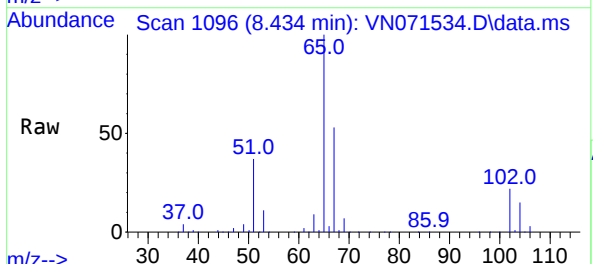
Acq: 24 Mar 2022 21:34

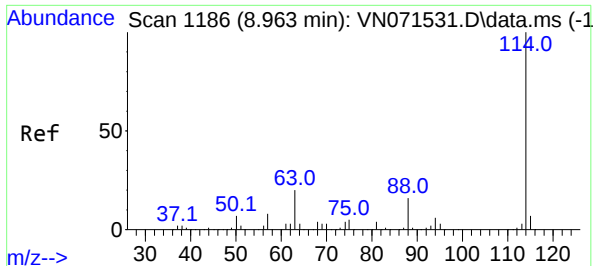
Tgt Ion: 65 Resp: 382360

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071534.D

Acq: 24 Mar 2022 21:34

Instrument :

MSVOA_N

ClientSampleId :

IBLK

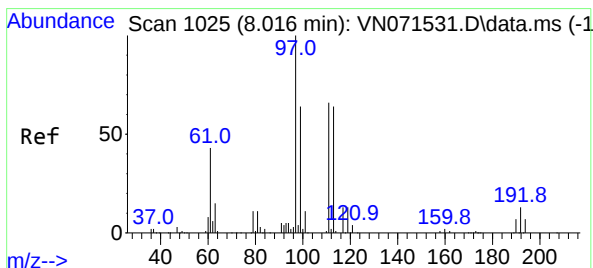
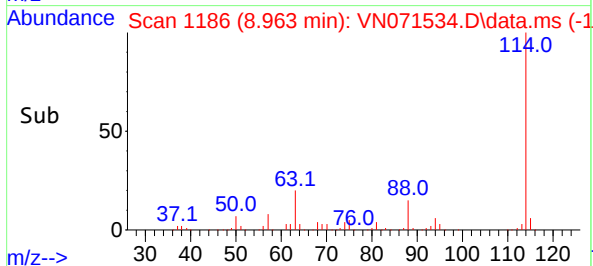
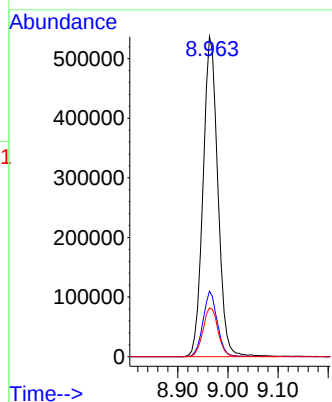
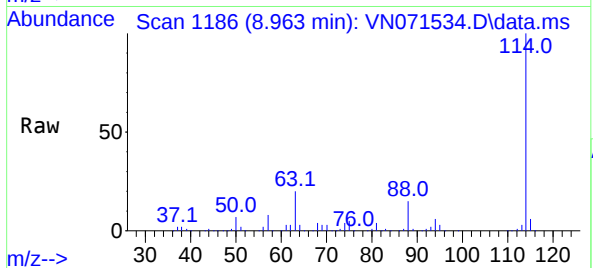
Tgt Ion:114 Resp: 1102618

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 45.010 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071534.D

Acq: 24 Mar 2022 21:34

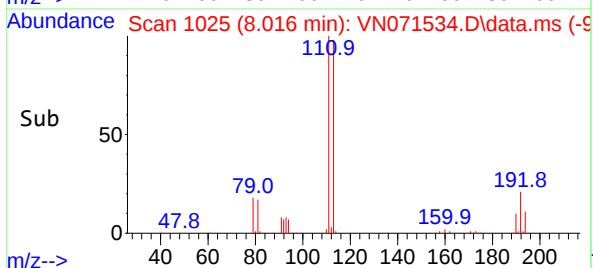
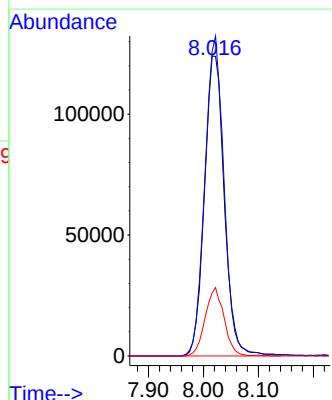
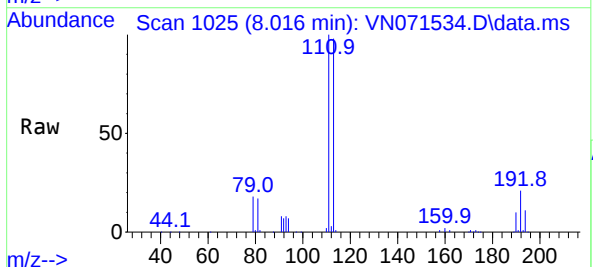
Tgt Ion:113 Resp: 311900

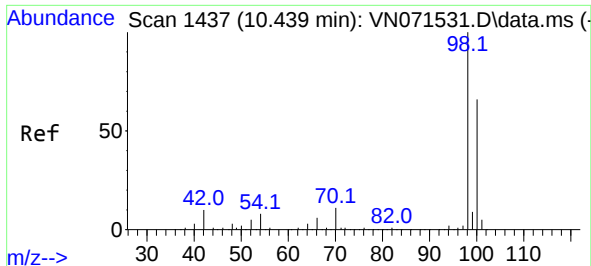
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 21.6 17.0 25.6

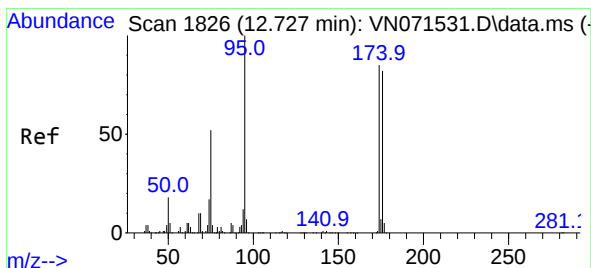
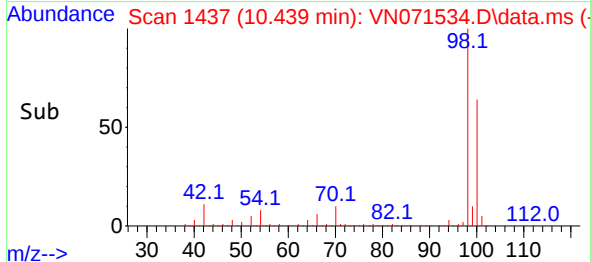
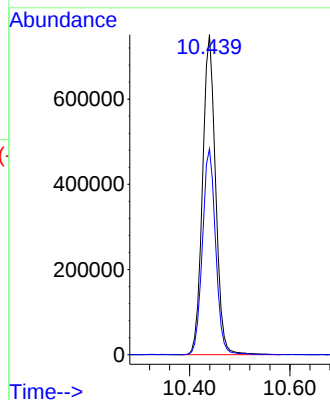
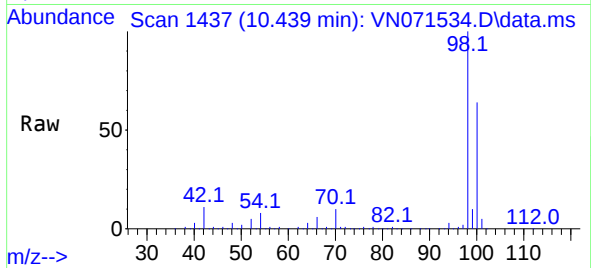




#50
Toluene-d8
Concen: 48.478 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071534.D
Acq: 24 Mar 2022 21:34

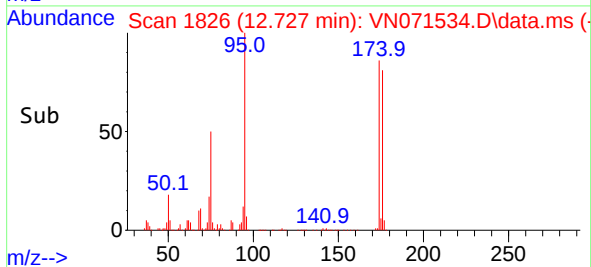
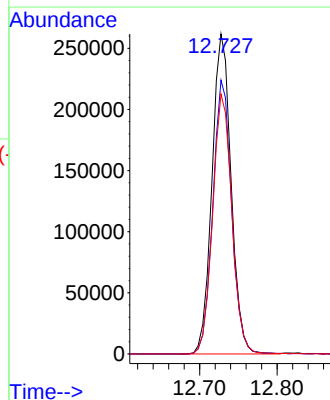
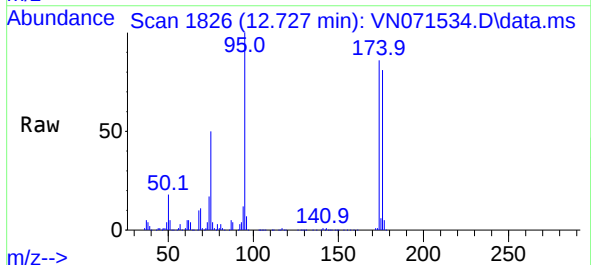
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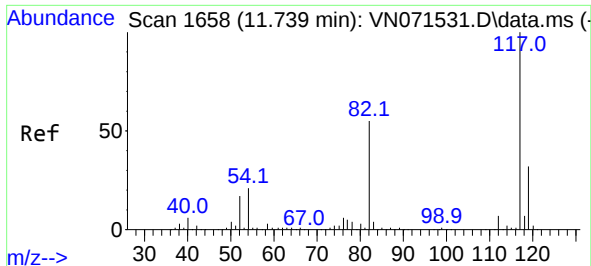
Tgt Ion: 98 Resp: 1354992
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.887 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071534.D
Acq: 24 Mar 2022 21:34

Tgt Ion: 95 Resp: 447729
Ion Ratio Lower Upper
95 100
174 84.3 0.0 167.6
176 81.6 0.0 163.4

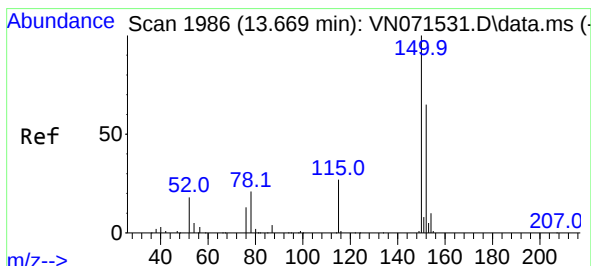
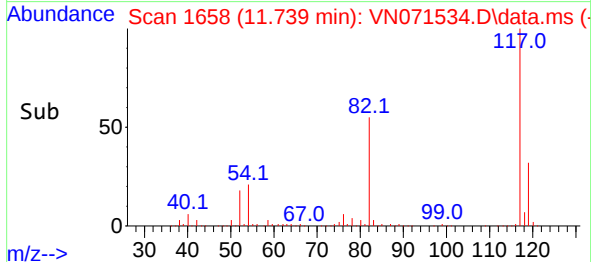
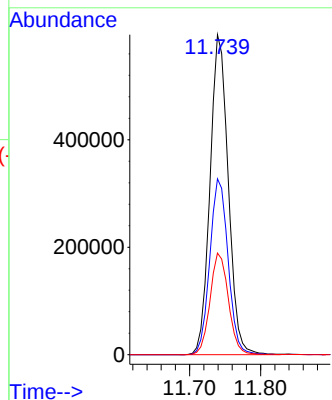
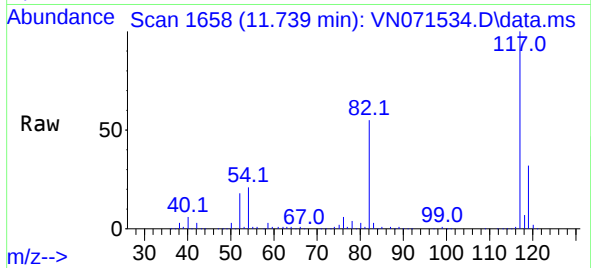




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071534.D
Acq: 24 Mar 2022 21:34

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 1060984
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.7 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071534.D
Acq: 24 Mar 2022 21:34

Tgt Ion:152 Resp: 393312
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 155.9 0.0 356.2

