

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051822\
 Data File : VN072543.D
 Acq On : 18 May 2022 15:30
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 19 02:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051822W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 02:22:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	335419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	507147	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	502610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	171797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	219867	42.189	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.380%
35) Dibromofluoromethane	8.016	113	154571	45.171	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	90.340%
50) Toluene-d8	10.433	98	605888	46.777	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.560%
62) 4-Bromofluorobenzene	12.727	95	220736	44.864	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.720%

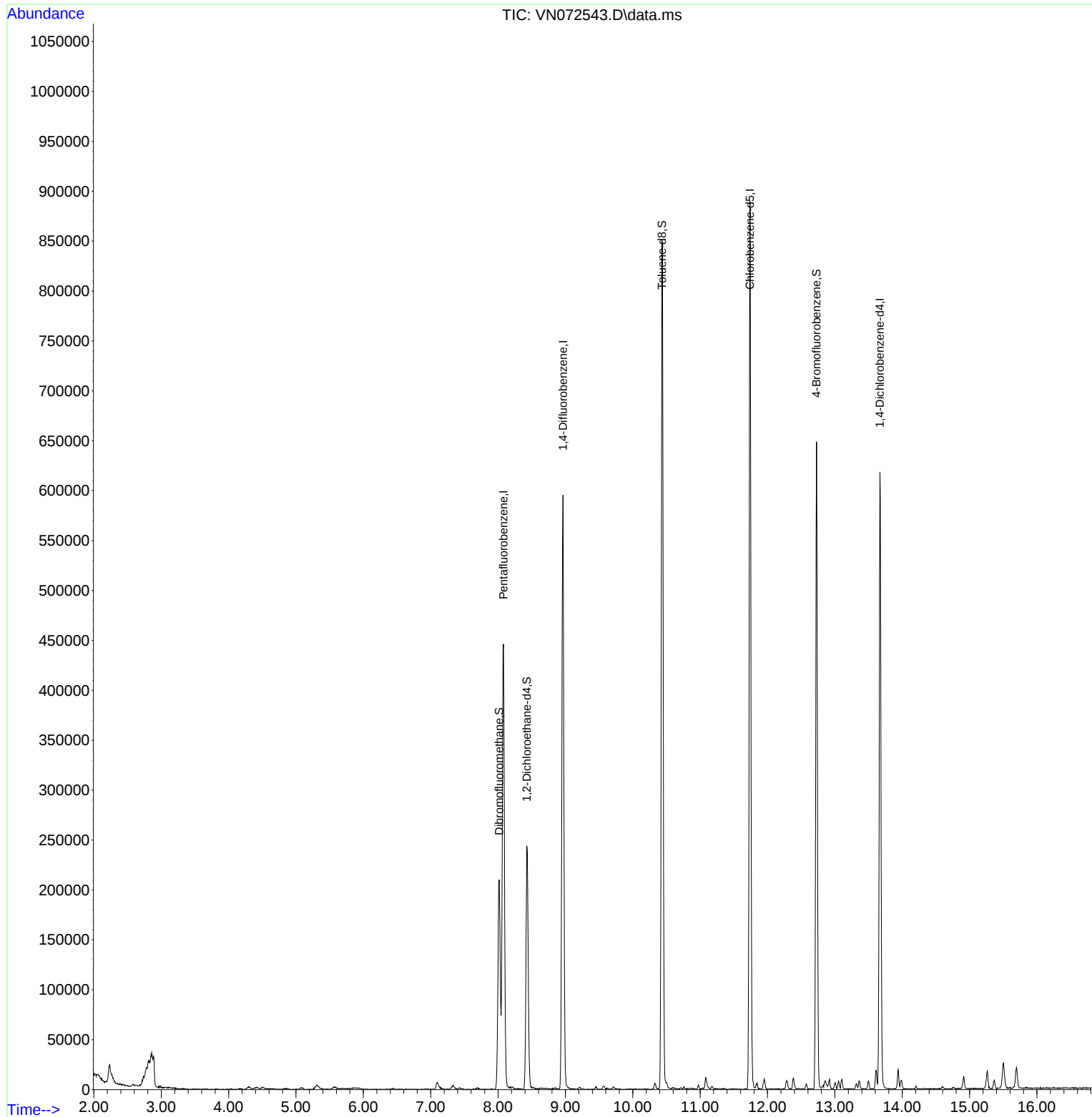
Target Compounds	Qvalue

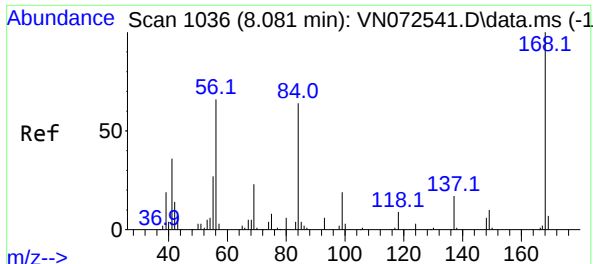
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN072543.D

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Instrument :

MSVOA_N

ClientSampleId :

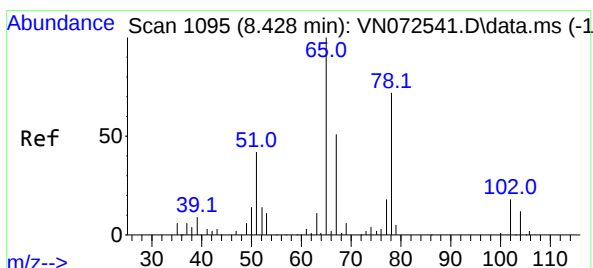
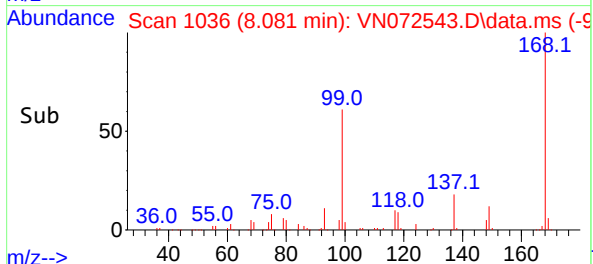
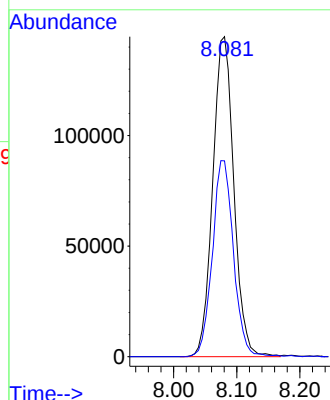
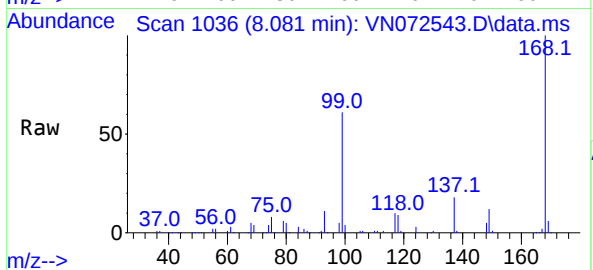
IBLK

Tgt Ion:168 Resp: 335419

Ion Ratio Lower Upper

168 100

99 61.2 42.3 63.5



1,2-Dichloroethane-d4

Concen: 42.189 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN072543.D

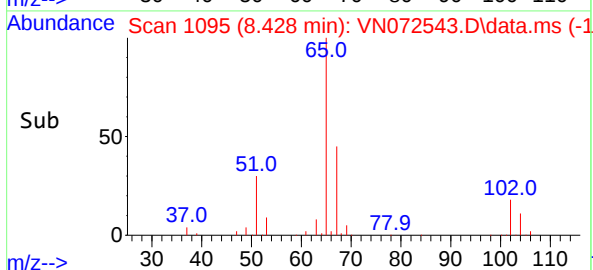
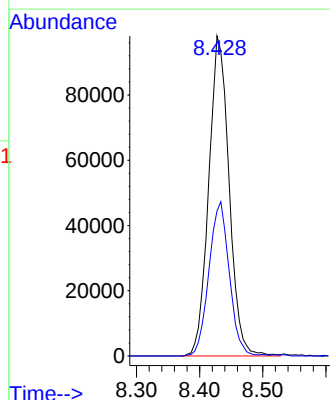
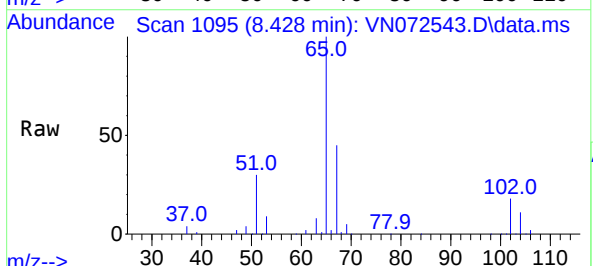
Acq: 18 May 2022 15:30

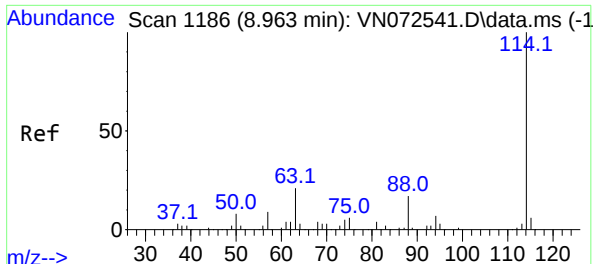
Tgt Ion: 65 Resp: 219867

Ion Ratio Lower Upper

65 100

67 48.2 0.0 104.8

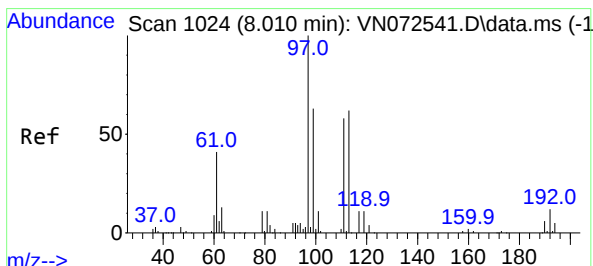
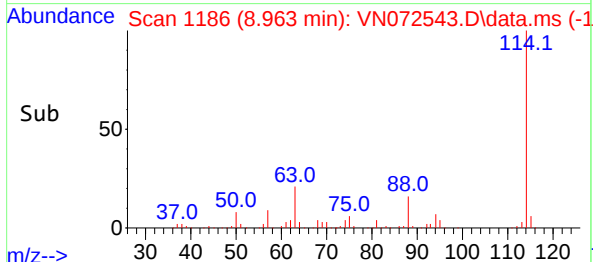
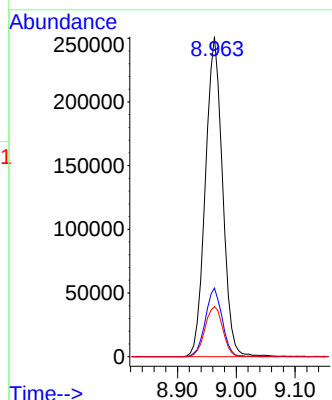
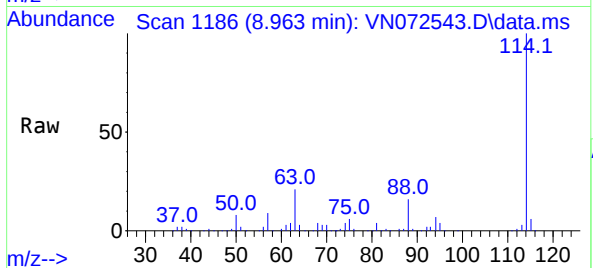




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

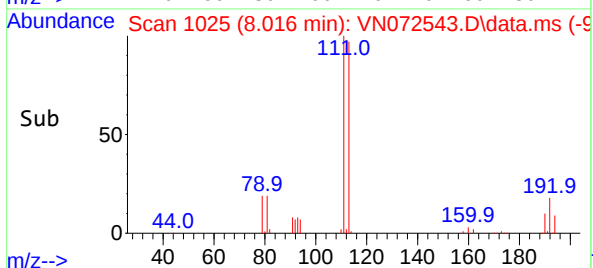
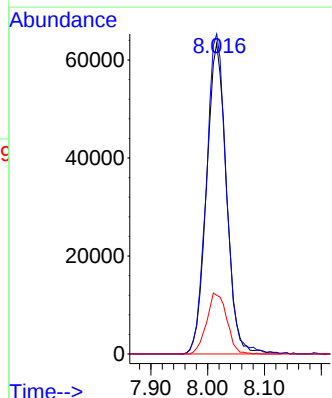
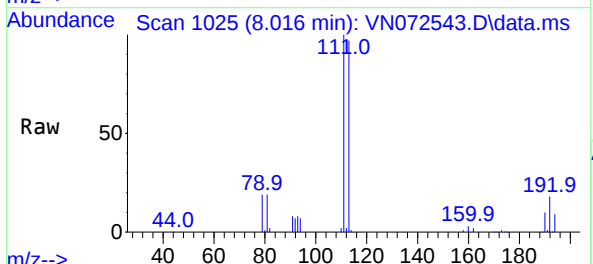
Instrument :
MSVOA_N
ClientSampleId :
IBLK

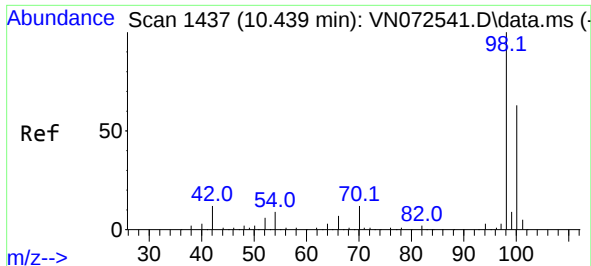
Tgt Ion:114 Resp: 507147
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.0
88 15.6 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.171 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:113 Resp: 154571
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.7 17.0 25.6

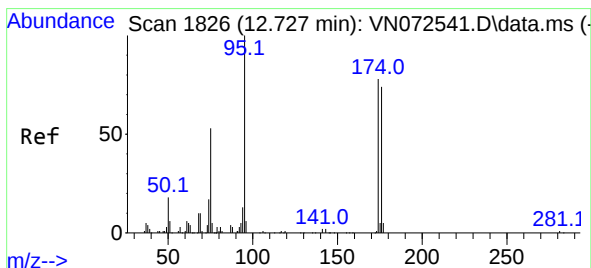
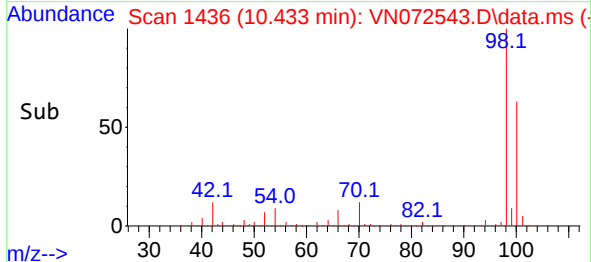
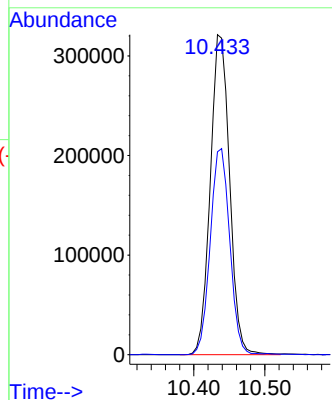
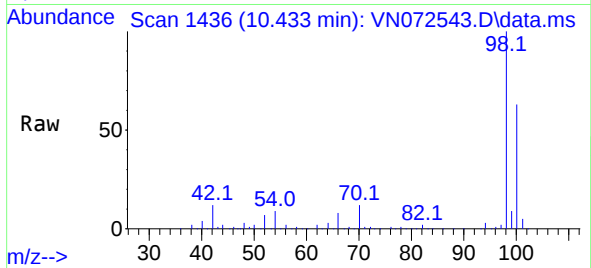




#50
Toluene-d8
Concen: 46.777 ug/l
RT: 10.433 min Scan# 1437
Delta R.T. -0.006 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

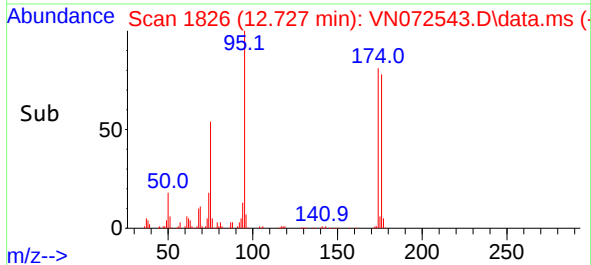
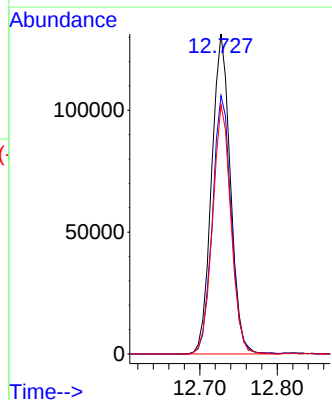
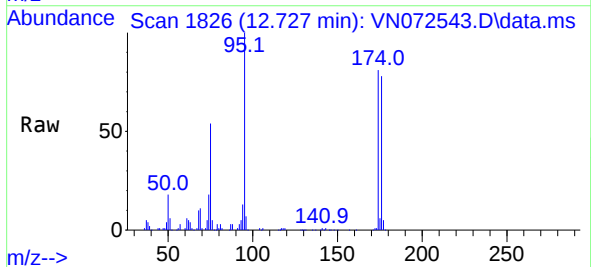
Instrument :
MSVOA_N
ClientSampleId :
IBLK

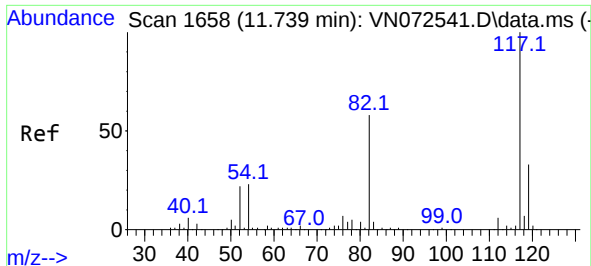
Tgt Ion: 98 Resp: 605888
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 44.864 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion: 95 Resp: 220736
Ion Ratio Lower Upper
95 100
174 80.8 0.0 167.6
176 76.2 0.0 163.4

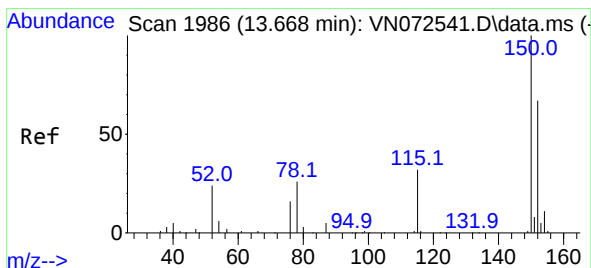
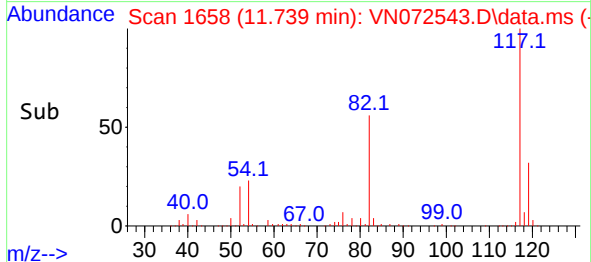
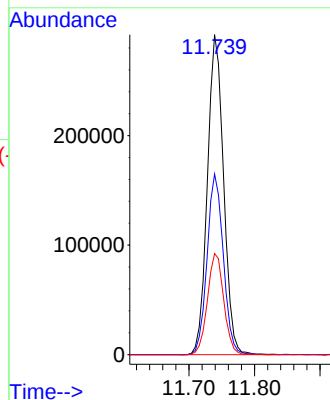
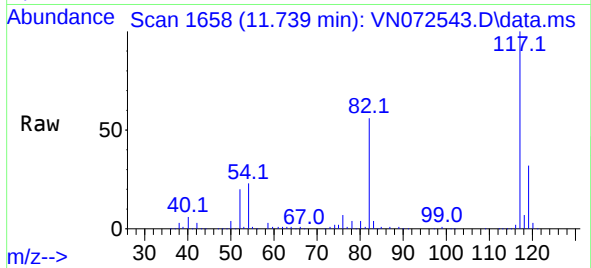




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 502610
Ion Ratio Lower Upper
117 100
82 56.4 44.2 66.2
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072543.D
Acq: 18 May 2022 15:30

Tgt Ion:152 Resp: 171797
Ion Ratio Lower Upper
152 100
115 61.9 28.9 86.7
150 155.8 0.0 356.2

