

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070935.D
 Acq On : 3 Feb 2022 17:25
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 04 04:44:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1084220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1707729	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1529671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	704476	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	660820	45.027	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.060%
35) Dibromofluoromethane	8.021	113	477634	46.688	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.380%
50) Toluene-d8	10.440	98	2109291	50.216	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.440%
62) 4-Bromofluorobenzene	12.731	95	728213	48.114	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.220%

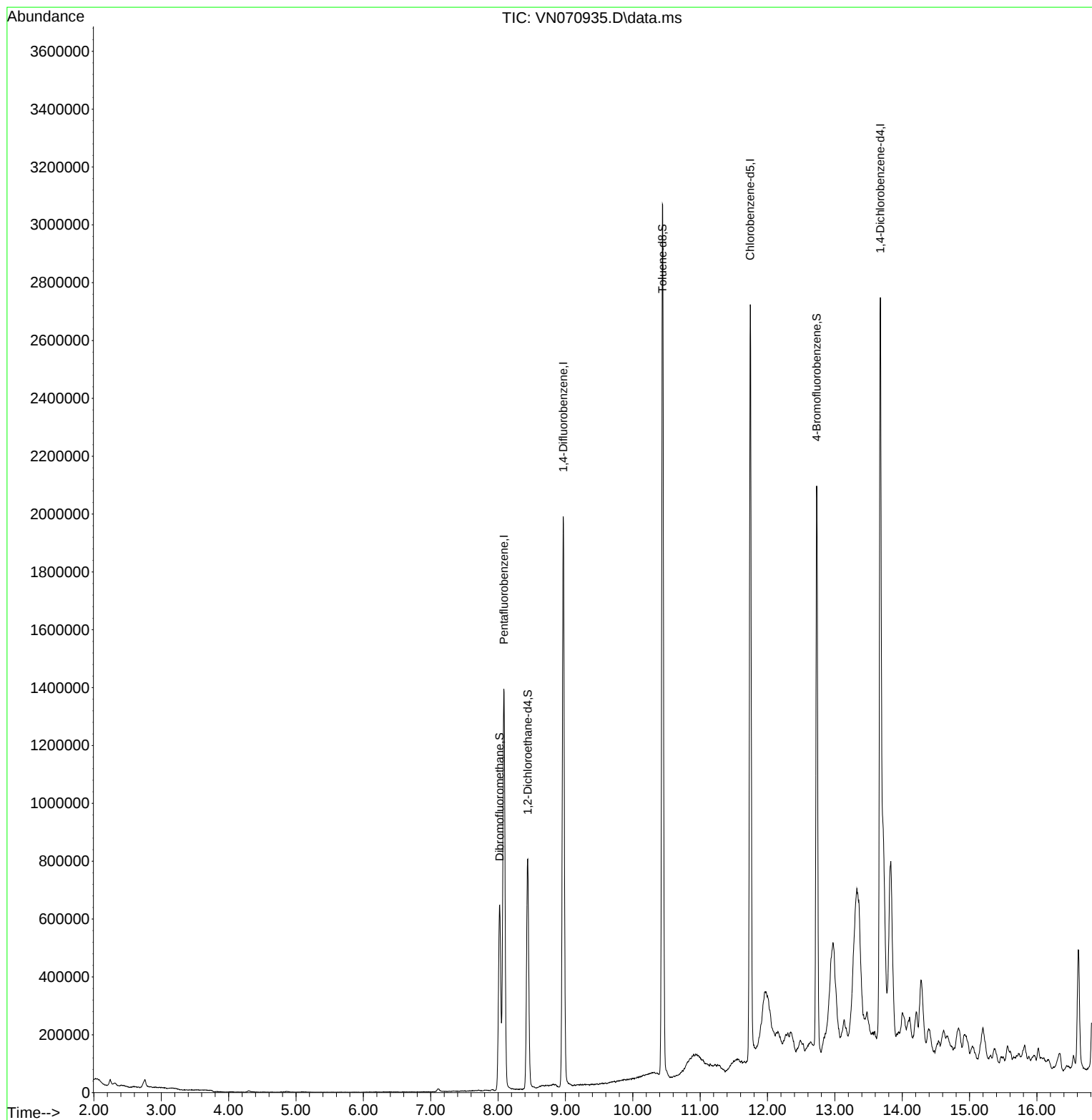
Target Compounds	Qvalue

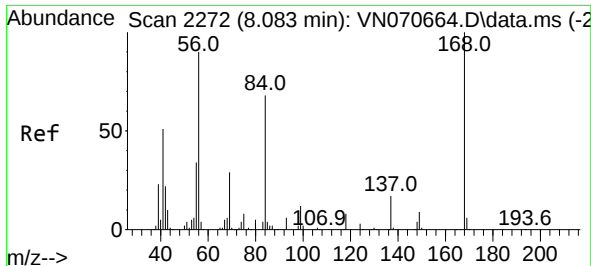
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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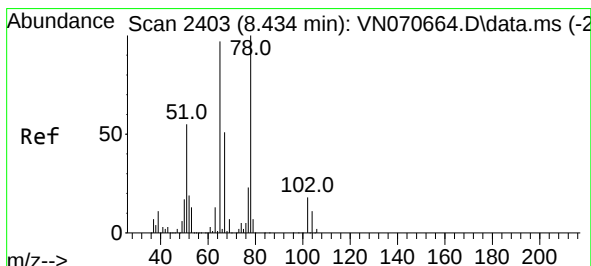
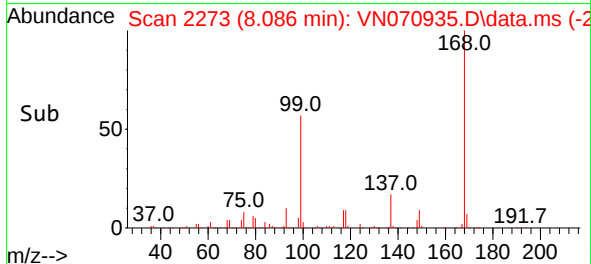
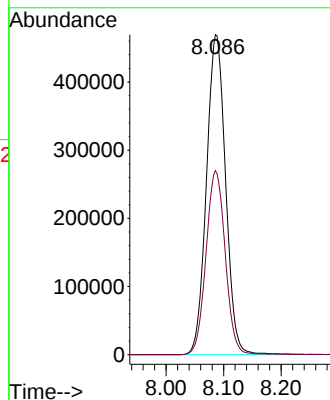
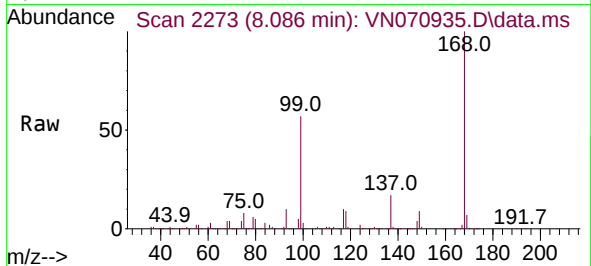




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070935.D
Acq: 3 Feb 2022 17:25

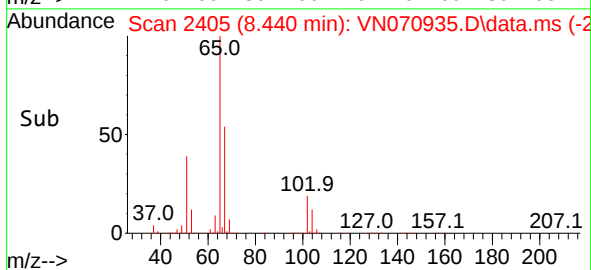
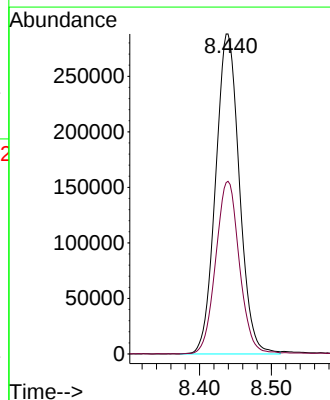
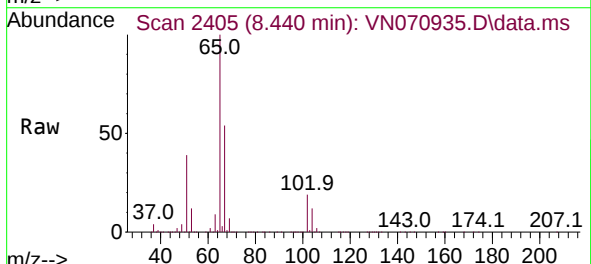
Instrument :
MSVOA_N
ClientSampleId :
IBLK

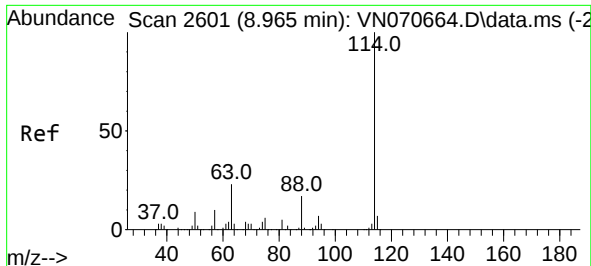
Tgt Ion:168 Resp: 1084220
Ion Ratio Lower Upper
168 100
99 57.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 45.027 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070935.D
Acq: 3 Feb 2022 17:25

Tgt Ion: 65 Resp: 660820
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.0

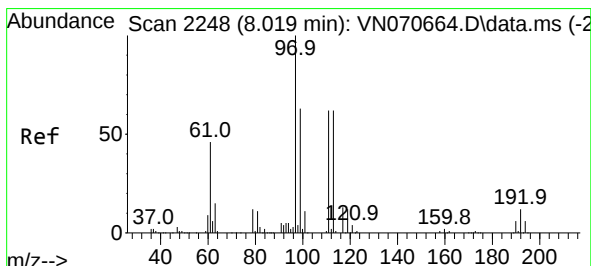
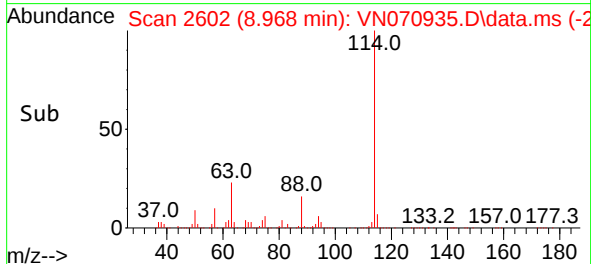
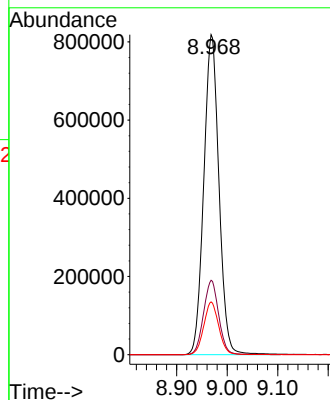
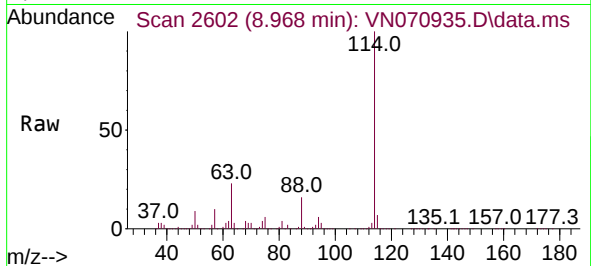




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070935.D
Acq: 3 Feb 2022 17:25

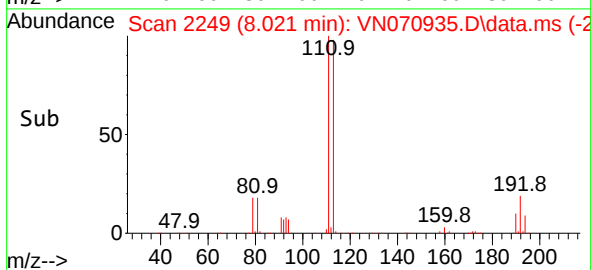
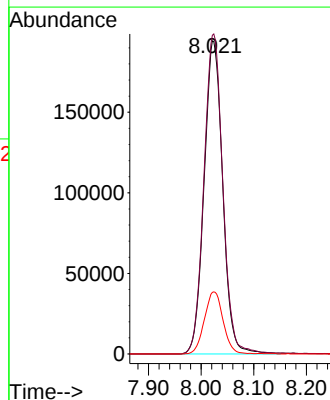
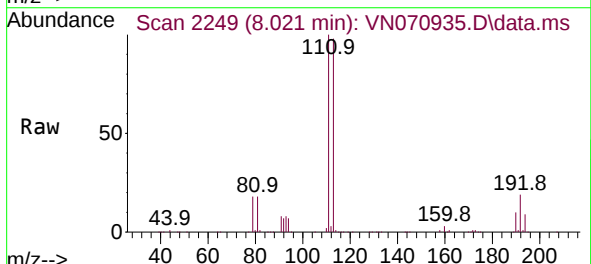
Instrument :
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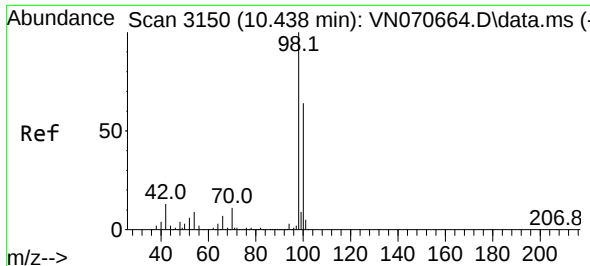
Tgt Ion:114 Resp: 1707729
Ion Ratio Lower Upper
114 100
63 23.2 0.0 37.8
88 16.5 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.688 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070935.D
Acq: 3 Feb 2022 17:25

Tgt Ion:113 Resp: 477634
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 20.0 16.9 25.3

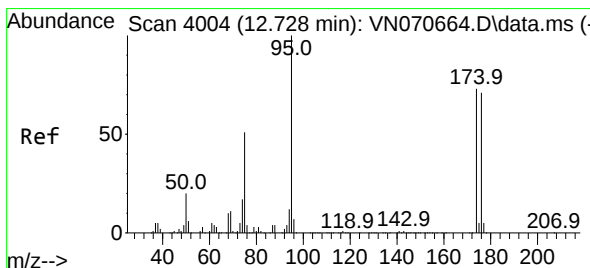
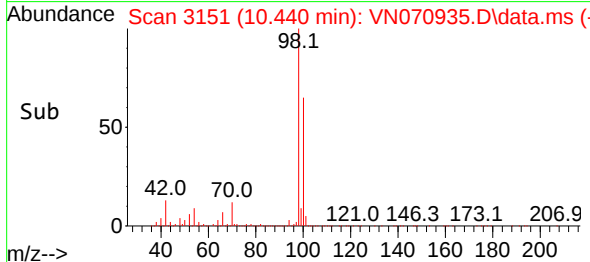
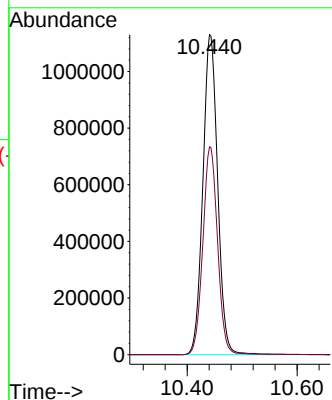
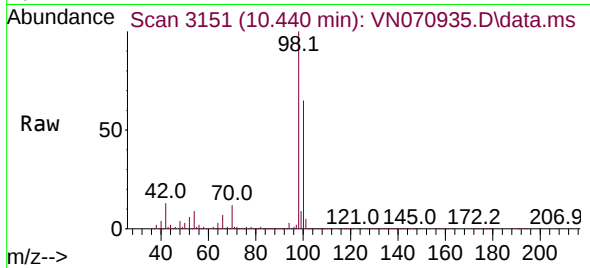




#50
Toluene-d8
Concen: 50.216 ug/l
RT: 10.440 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VN070935.D
Acq: 3 Feb 2022 17:25

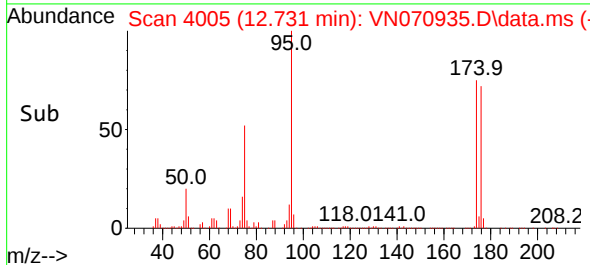
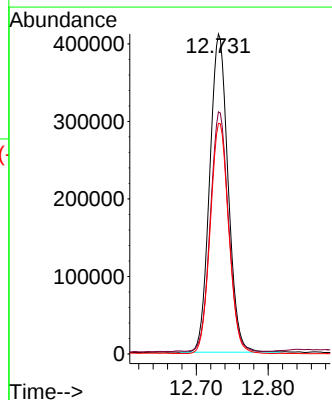
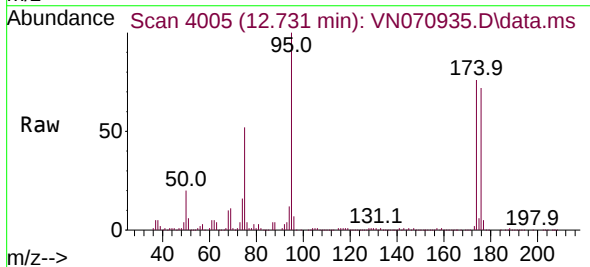
Instrument :
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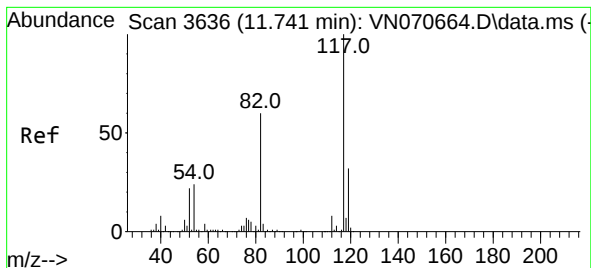
Tgt Ion: 98 Resp: 2109291
Ion Ratio Lower Upper
98 100
100 64.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.114 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070935.D
Acq: 3 Feb 2022 17:25

Tgt Ion: 95 Resp: 728213
Ion Ratio Lower Upper
95 100
174 74.6 0.0 187.2
176 72.9 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3

Delta R.T. -0.000 min

Lab File: VN070935.D

Acq: 3 Feb 2022 17:25

Instrument :

MSVOA_N

ClientSampleId :

IBLK

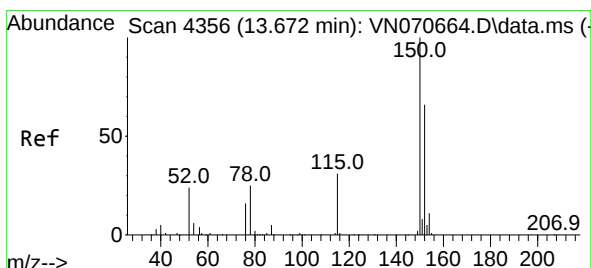
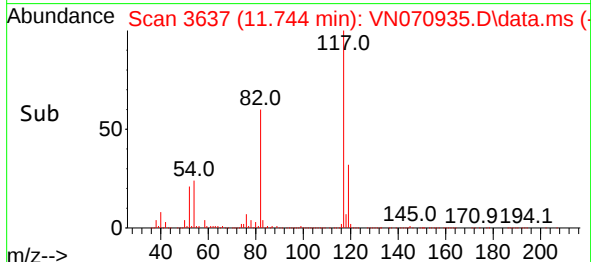
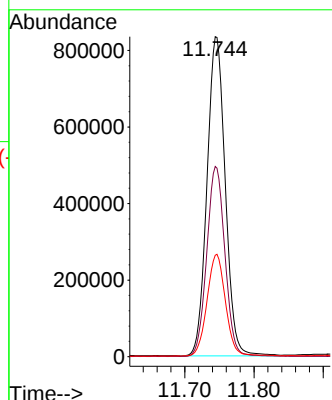
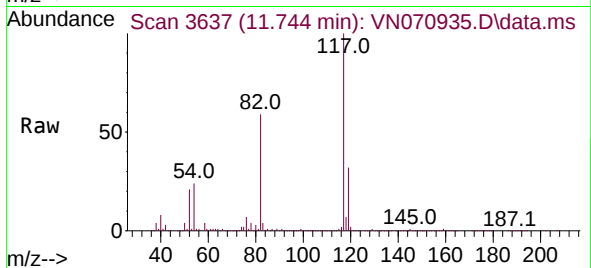
Tgt Ion:117 Resp: 1529671

Ion Ratio Lower Upper

117 100

82 59.6 42.4 63.6

119 31.5 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 4357

Delta R.T. 0.003 min

Lab File: VN070935.D

Acq: 3 Feb 2022 17:25

Tgt Ion:152 Resp: 704476

Ion Ratio Lower Upper

152 100

115 74.3 27.5 82.5

150 136.6 0.0 344.4

