

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121121\
 Data File : VN070018.D
 Acq On : 11 Dec 2021 19:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 12 16:26:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	1112003	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2084714	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2395294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	1040174	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	858066	49.977	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.960%
35) Dibromofluoromethane	8.024	113	636972	48.779	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.560%
50) Toluene-d8	10.443	98	2743398	52.322	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.640%
62) 4-Bromofluorobenzene	12.733	95	1203305	63.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	126.700%

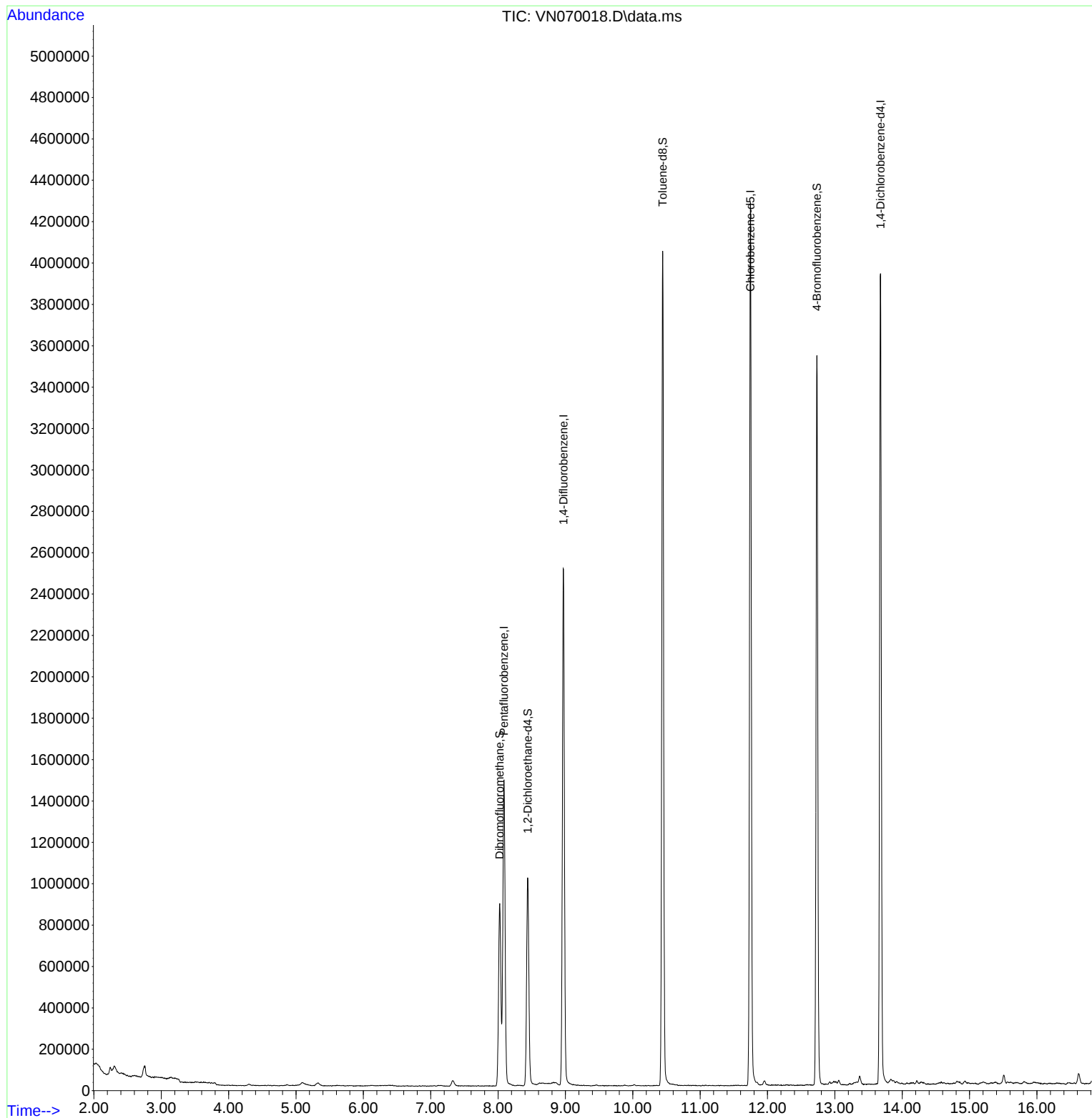
Target Compounds	Qvalue

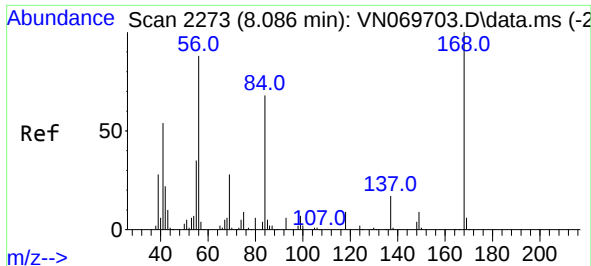
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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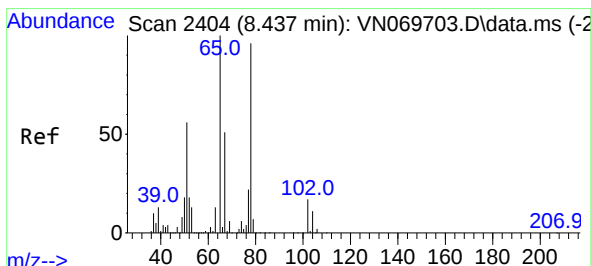
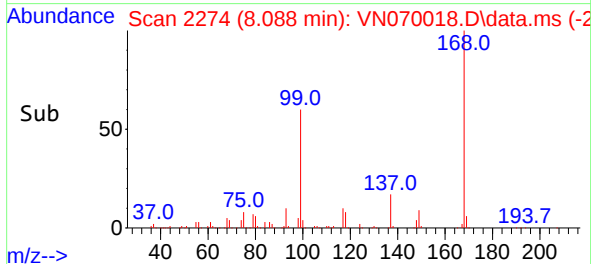
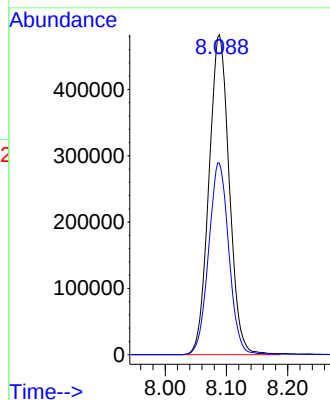
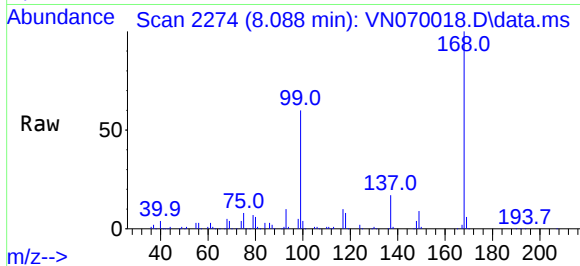




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 211
Delta R.T. 0.002 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

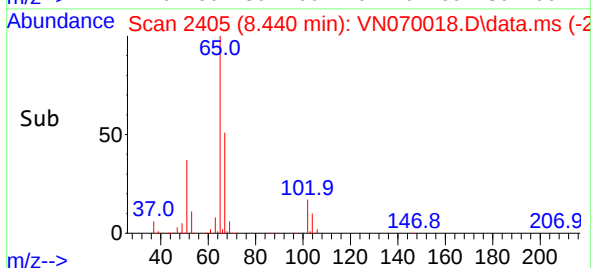
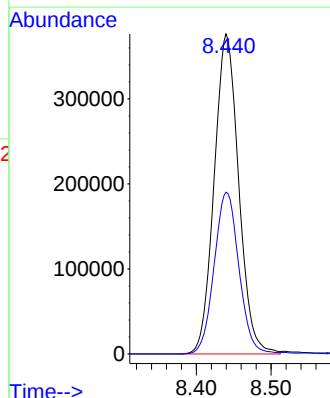
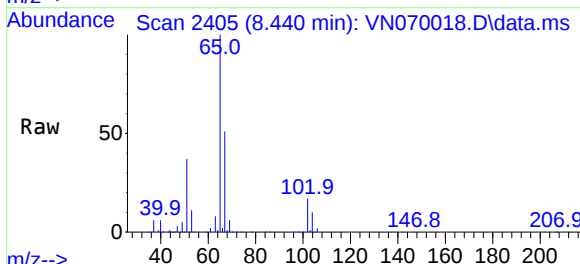
Instrument :
MSVOA_N
ClientSampleId :
IBLK

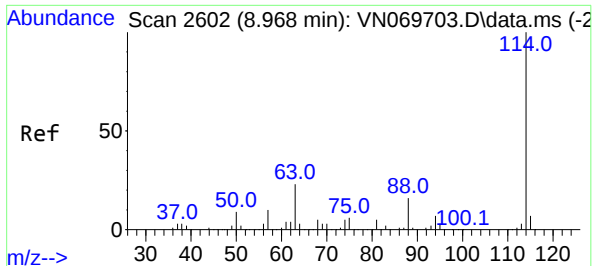
Tgt Ion:168 Resp: 1112003
Ion Ratio Lower Upper
168 100
99 59.9 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 49.977 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion: 65 Resp: 858066
Ion Ratio Lower Upper
65 100
67 51.0 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2

Delta R.T. 0.003 min

Lab File: VN070018.D

Acq: 11 Dec 2021 19:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK

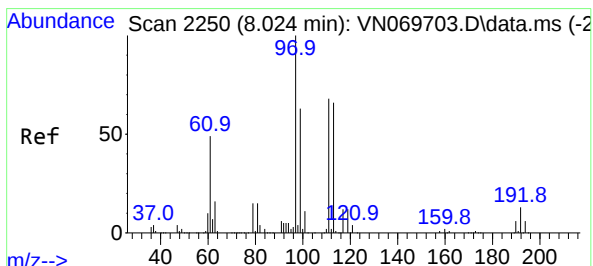
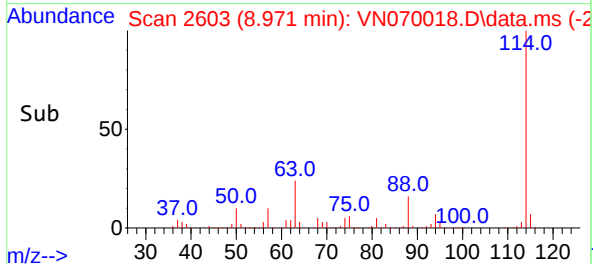
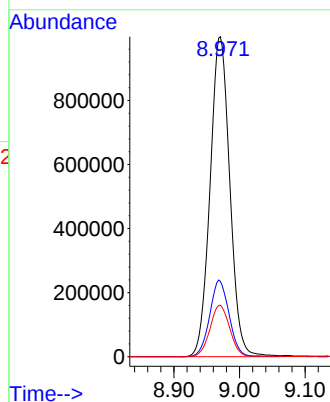
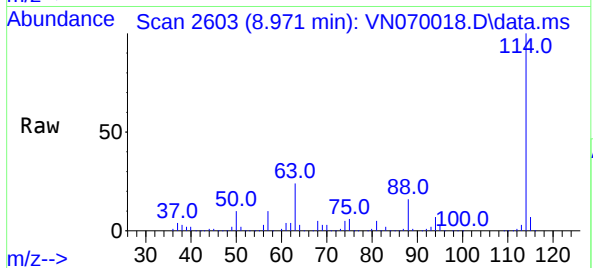
Tgt Ion:114 Resp: 2084714

Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 16.1 0.0 27.4



#35

Dibromofluoromethane

Concen: 48.779 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. 0.000 min

Lab File: VN070018.D

Acq: 11 Dec 2021 19:27

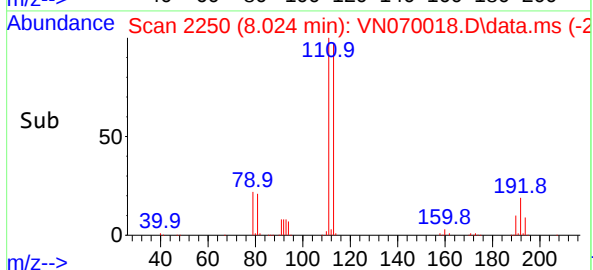
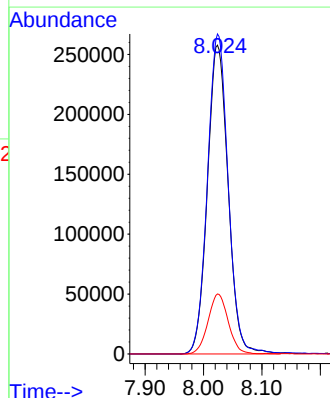
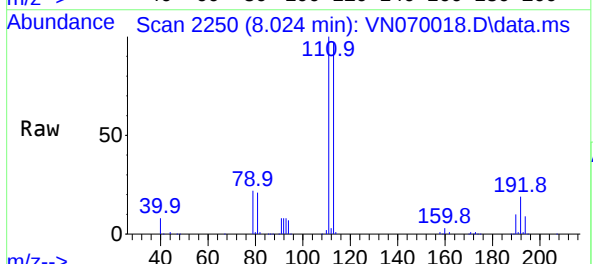
Tgt Ion:113 Resp: 636972

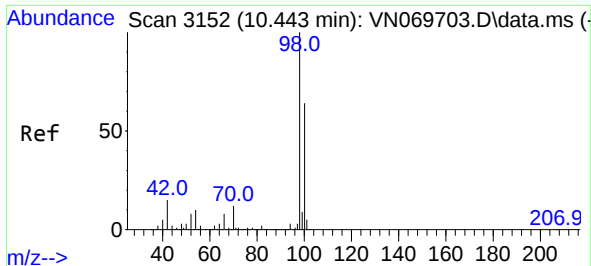
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 18.9 16.9 25.3

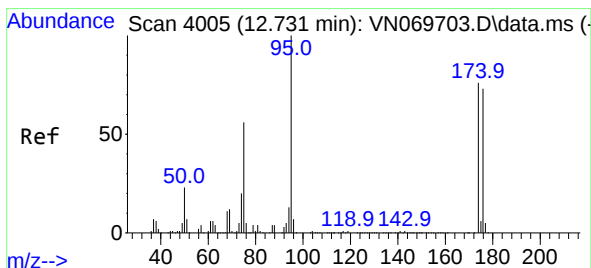
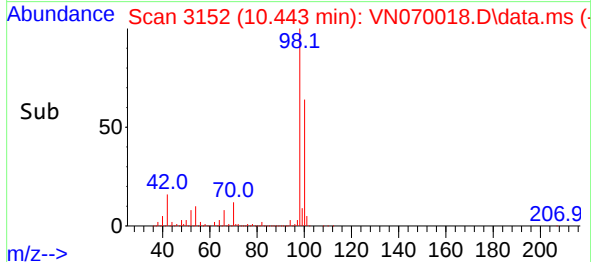
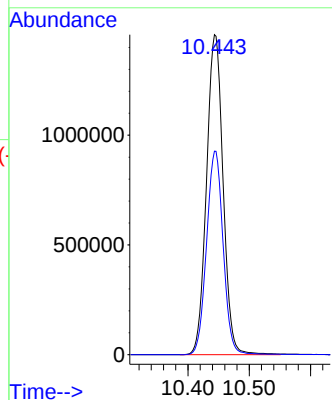
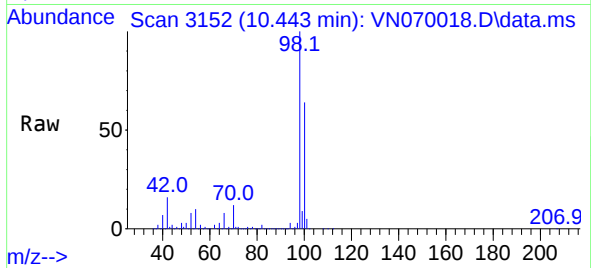




#50
Toluene-d8
Concen: 52.322 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

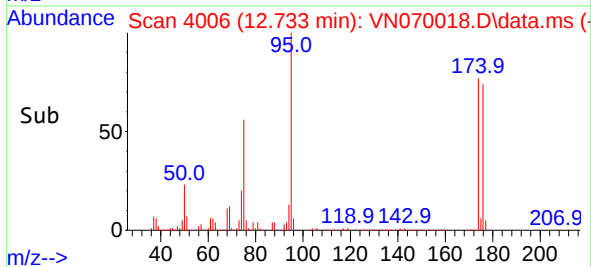
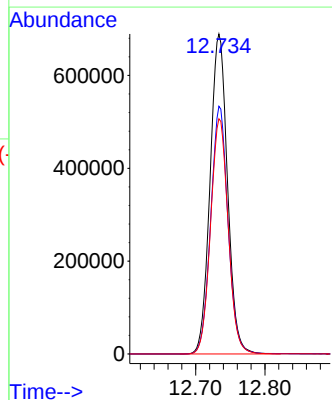
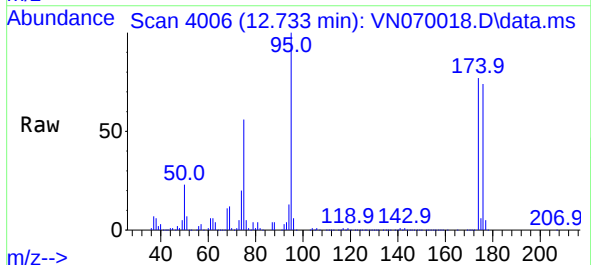
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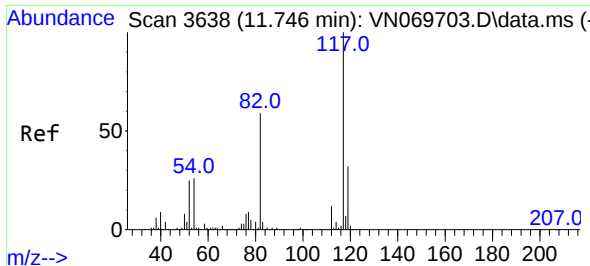
Tgt Ion: 98 Resp: 2743398
Ion Ratio Lower Upper
98 100
100 63.5 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 63.347 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion: 95 Resp: 1203305
Ion Ratio Lower Upper
95 100
174 76.9 0.0 187.2
176 74.3 0.0 181.4

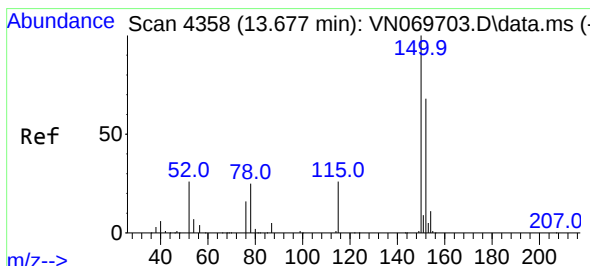
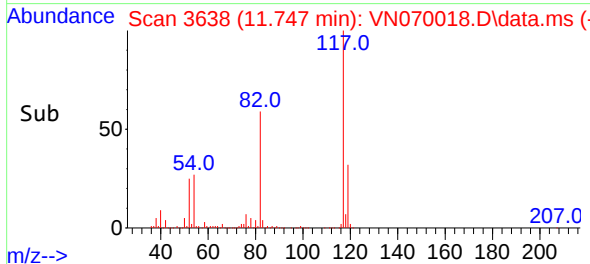
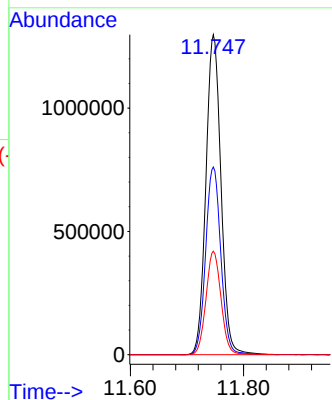
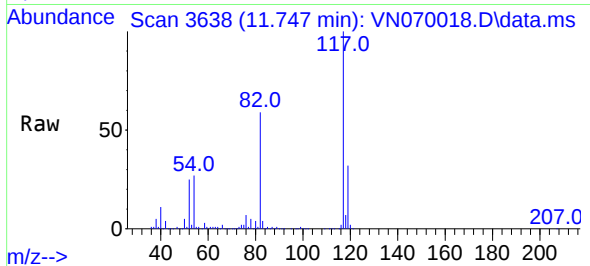




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 2395294
Ion Ratio Lower Upper
117 100
82 58.7 42.4 63.6
119 32.4 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN070018.D
Acq: 11 Dec 2021 19:27

Tgt Ion:152 Resp: 1040174
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 157.2 0.0 344.4

