

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040422\
 Data File : VN071829.D
 Acq On : 04 Apr 2022 14:18
 Operator : JC\MD
 Sample : N2233-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/05/2022
 Supervised By : Mahesh Dadoda 04/05/2022

Quant Time: Apr 05 02:06:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.710	168	616901m	50.000	ug/l	-0.37
34) 1,4-Difluorobenzene	8.710	114	1051669	50.000	ug/l	-0.25
63) Chlorobenzene-d5	11.686	117	1067542m	50.000	ug/l	-0.05
72) 1,4-Dichlorobenzene-d4	13.657	152	390606	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.098	65	349139	49.575	ug/l	-0.34
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.140%
35) Dibromofluoromethane	7.616	113	302849	48.938	ug/l	-0.40
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.880%
50) Toluene-d8	10.316	98	1319601	52.126	ug/l	-0.12
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.260%
62) 4-Bromofluorobenzene	12.698	95	455158m	55.592	ug/l	-0.03
Spiked Amount	50.000	Range	58 - 135	Recovery	=	111.180%

Target Compounds Qvalue

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

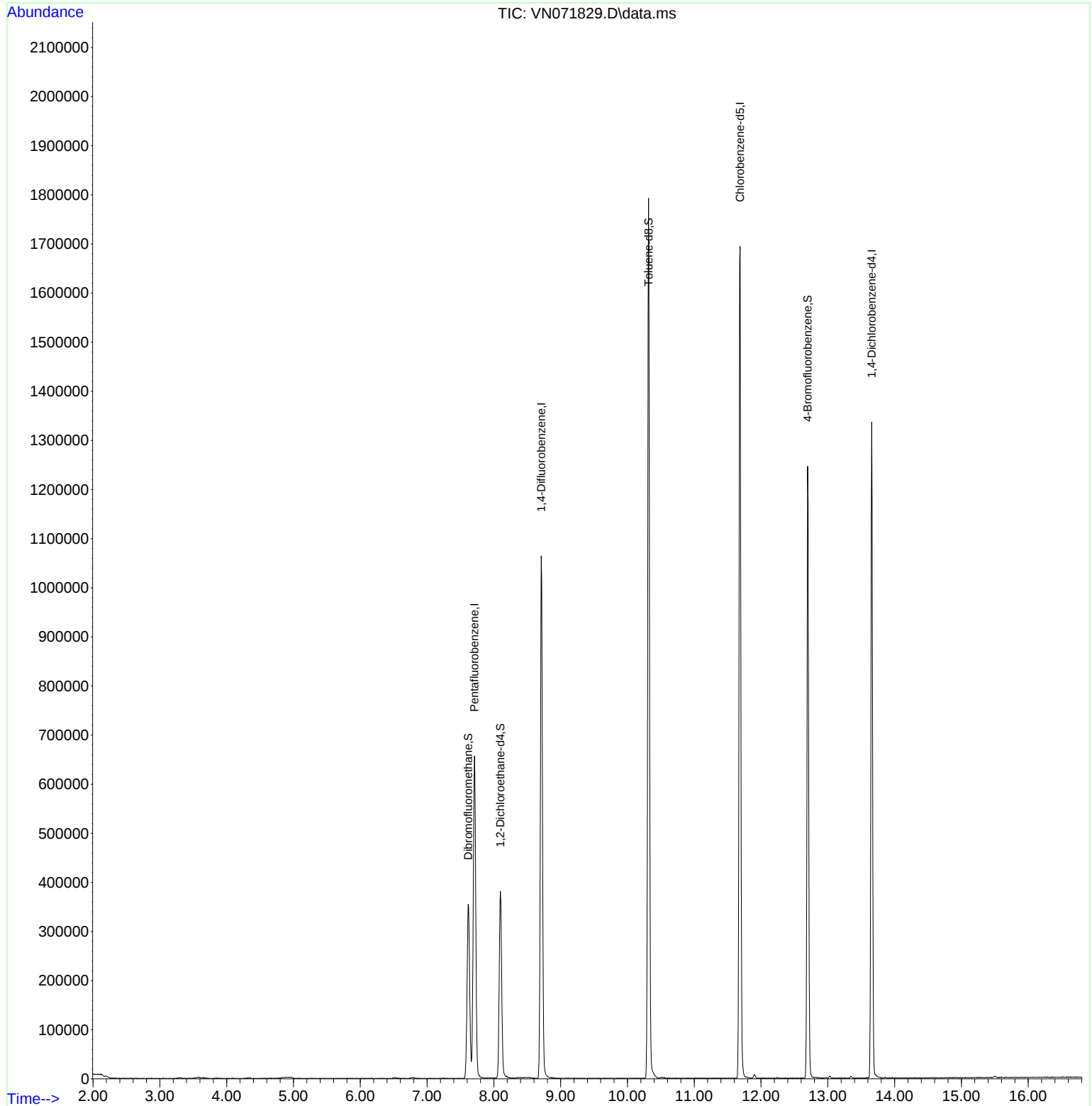
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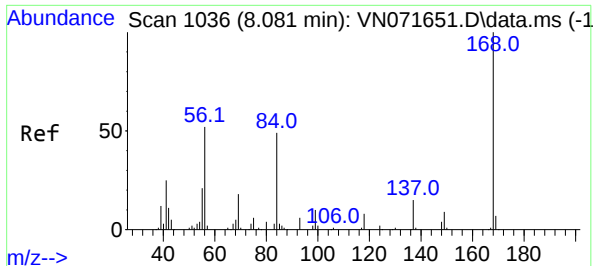
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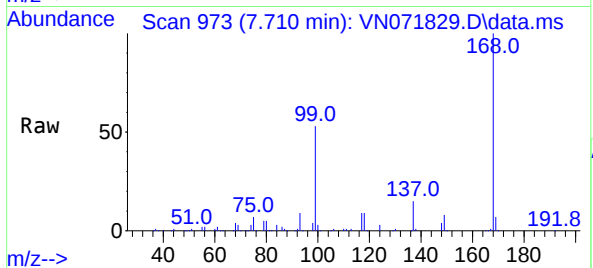
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022





Pentafluorobenzene
 Concen: 50.000 ug/l m
 RT: 7.710 min Scan# 91
 Delta R.T. -0.371 min
 Lab File: VN071829.D
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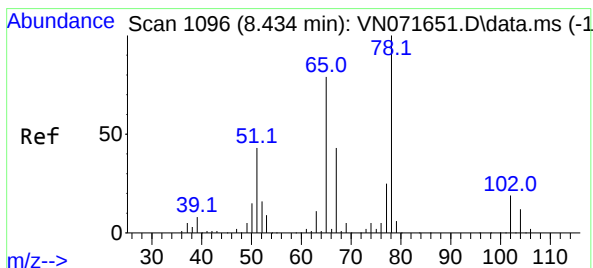
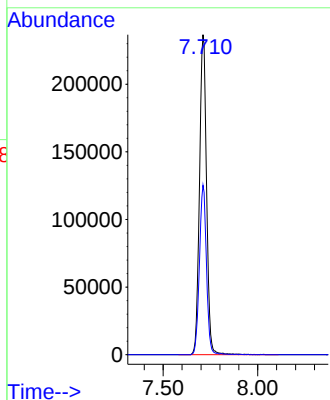
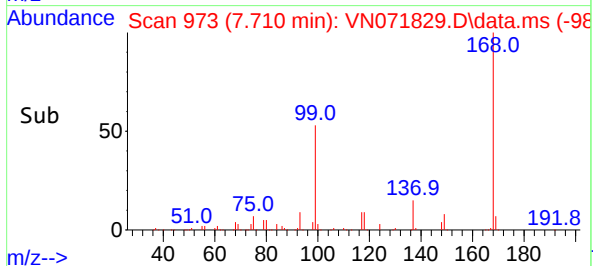
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6



Tgt Ion:168 Resp: 61690
 Ion Ratio Lower Upper
 168 100
 99 53.0 42.3 63.5

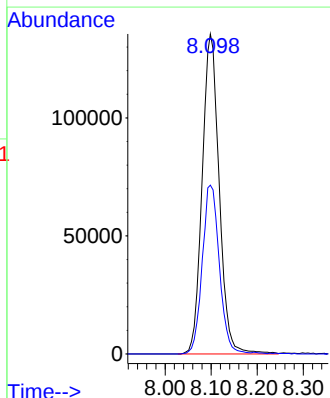
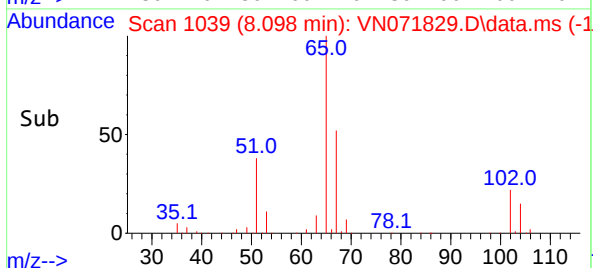
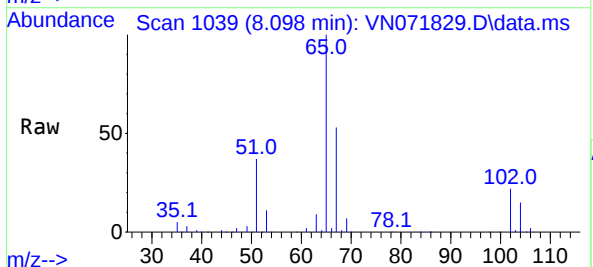
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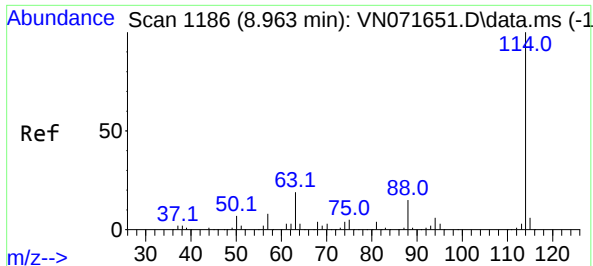
Reviewed By :John Carlone 04/05/2022
 Supervised By :Mahesh Dadoda 04/05/2022



1,2-Dichloroethane-d4
 Concen: 49.575 ug/l
 RT: 8.098 min Scan# 1039
 Delta R.T. -0.336 min
 Lab File: VN071829.D
 Acq: 04 Apr 2022 14:18

Tgt Ion: 65 Resp: 349139
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1186

Delta R.T. -0.253 min

Lab File: VN071829.D

Acq: 04 Apr 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SOIL-REF-6

Tgt Ion:114 Resp: 105166

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

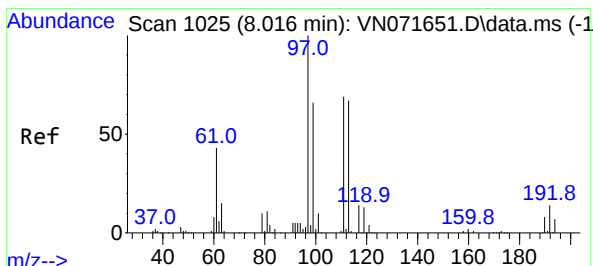
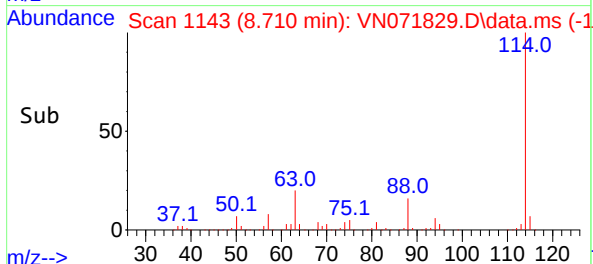
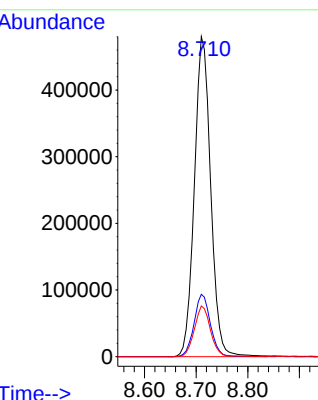
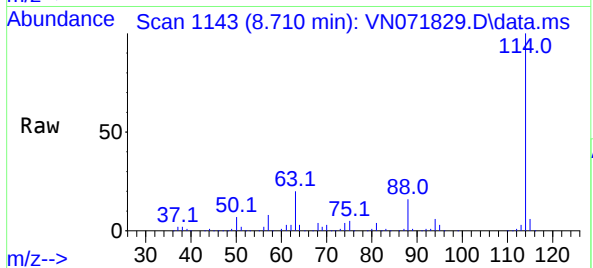
88 15.9 0.0 32.6

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#35

Dibromofluoromethane

Concen: 48.938 ug/l

RT: 7.616 min Scan# 957

Delta R.T. -0.400 min

Lab File: VN071829.D

Acq: 04 Apr 2022 14:18

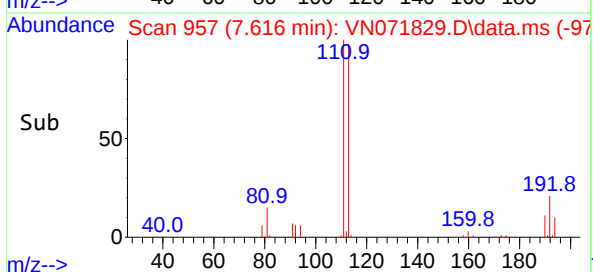
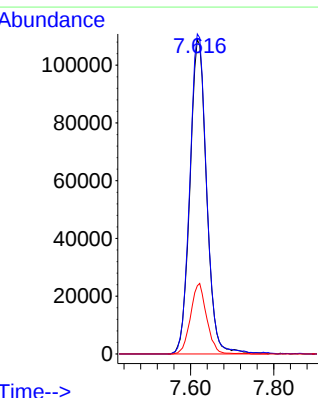
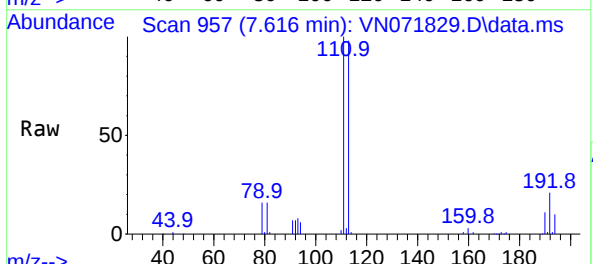
Tgt Ion:113 Resp: 302849

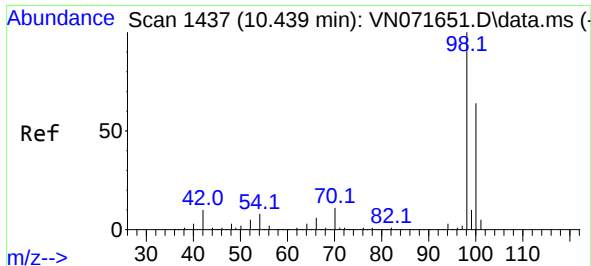
Ion Ratio Lower Upper

113 100

111 102.3 81.4 122.0

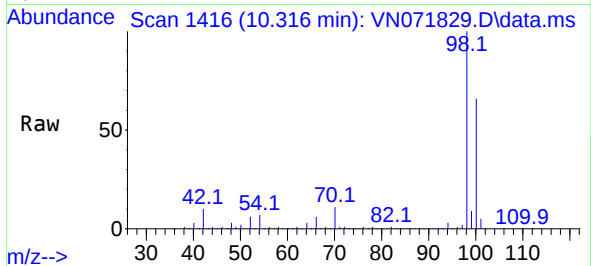
192 21.6 17.0 25.6





#50
Toluene-d8
Concen: 52.126 ug/l
RT: 10.316 min Scan# 1437
Delta R.T. -0.123 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

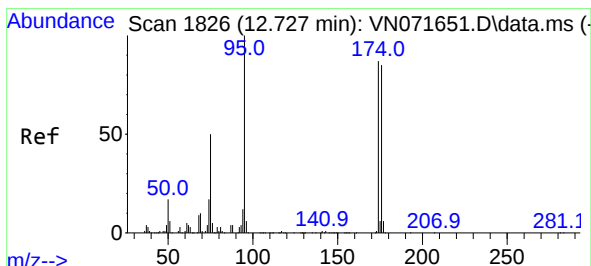
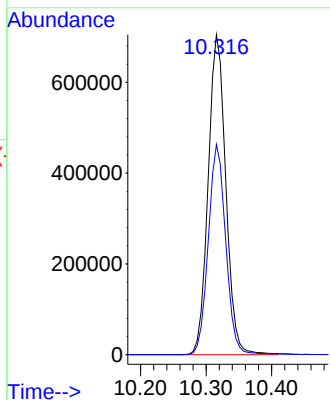
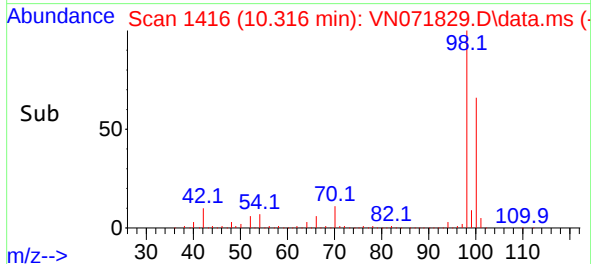
Instrument :
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STORAGE-BLANK-SOIL-REF-6



Tgt Ion: 98 Resp: 131960
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8

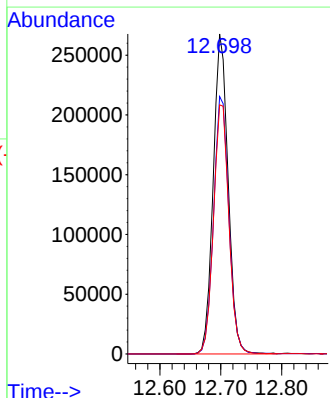
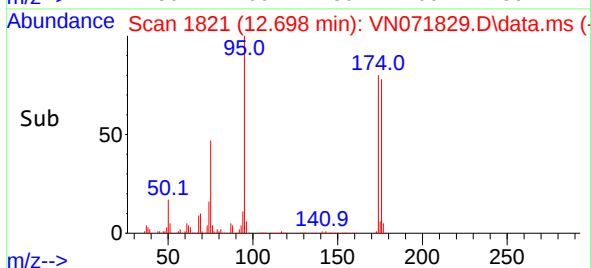
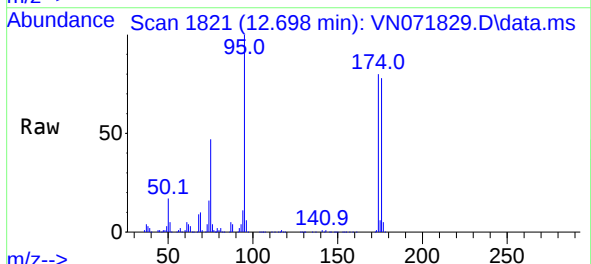
Manual Integrations
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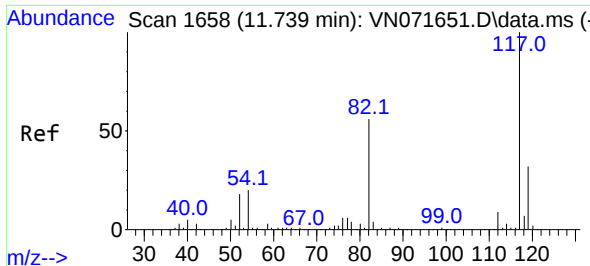
Reviewed By :John Carlone 04/05/2022
Supervised By :Mahesh Dadoda 04/05/2022



#62
4-Bromofluorobenzene
Concen: 55.592 ug/l m
RT: 12.698 min Scan# 1821
Delta R.T. -0.029 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

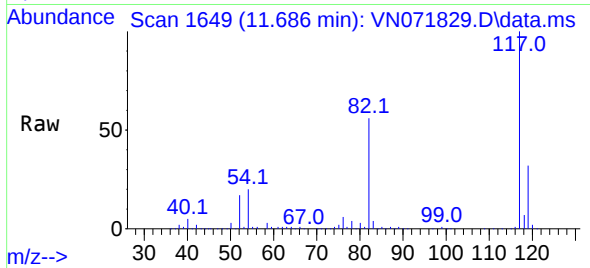
Tgt Ion: 95 Resp: 455158
Ion Ratio Lower Upper
95 100
174 0.0 0.0 167.6
176 0.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l m
RT: 11.686 min Scan# 1
Delta R.T. -0.053 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18

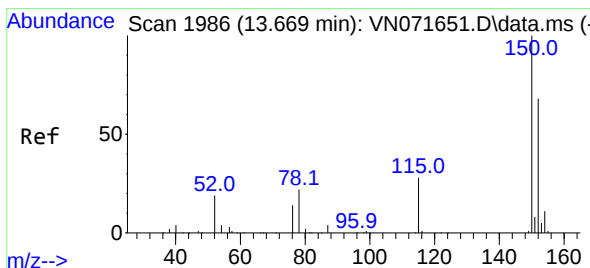
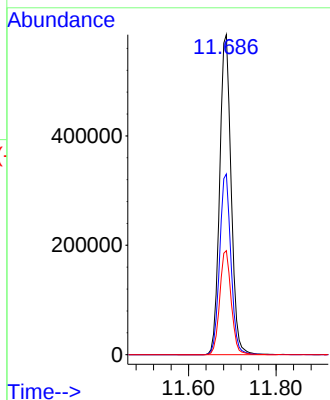
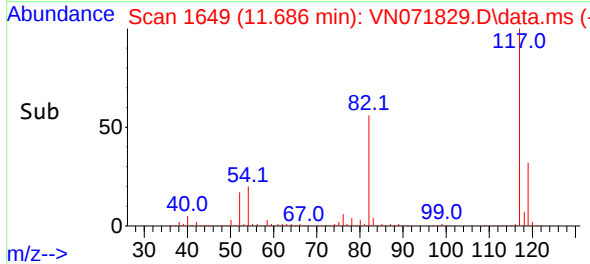
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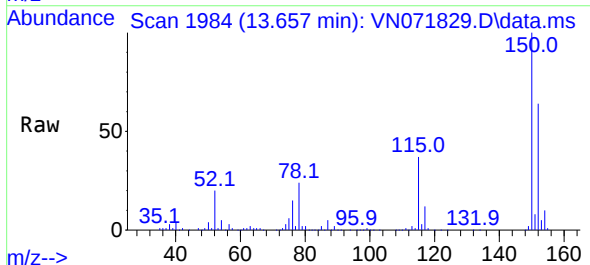
Tgt Ion:117 Resp: 106754
Ion Ratio Lower Upper
117 100
82 56.5 44.2 66.2
119 32.5 25.4 38.0

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Supervised By :Mahesh Dadoda 04/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.657 min Scan# 1984
Delta R.T. -0.012 min
Lab File: VN071829.D
Acq: 04 Apr 2022 14:18



Tgt Ion:152 Resp: 390606
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.7
150 157.9 0.0 356.2

