

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076972.D
 Acq On : 13 Mar 2023 19:21
 Operator : JC\MD
 Sample : 01880-10 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20230309

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/14/2023
 Supervised By : Mahesh Dadoda 03/14/2023

Quant Time: Mar 14 07:06:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	339817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	543677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	490377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	212653	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	248022	48.910	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.820%		
35) Dibromofluoromethane	8.172	113	176623	48.745	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.480%		
50) Toluene-d8	10.572	98	648907	48.592	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.180%		
62) 4-Bromofluorobenzene	12.854	95	238648	48.858	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.720%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.366	101	2438m	0.598	ug/l	Qvalue
44) Trichloroethene	9.360	130	282512	66.177	ug/l	98

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

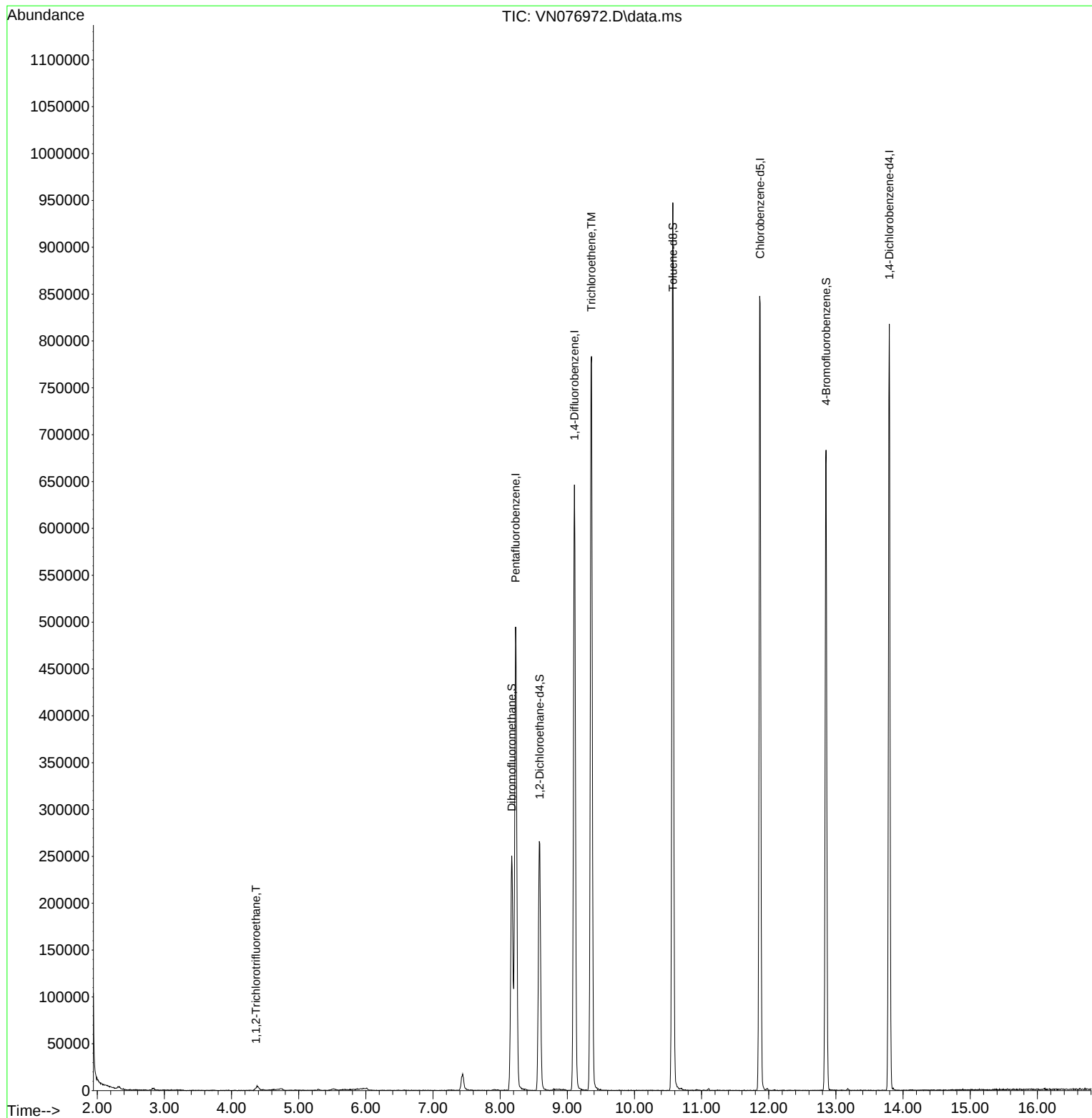
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
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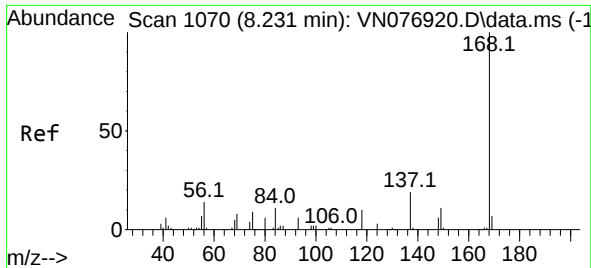
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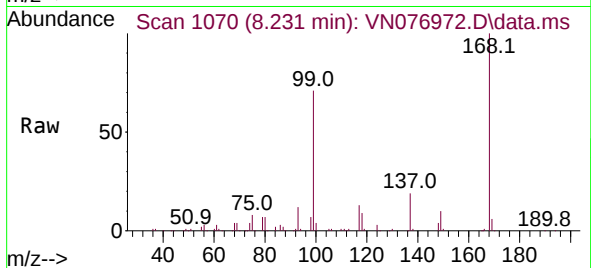
Reviewed By : John Carlone 03/14/2023
Supervised By : Mahesh Dadoda 03/14/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21

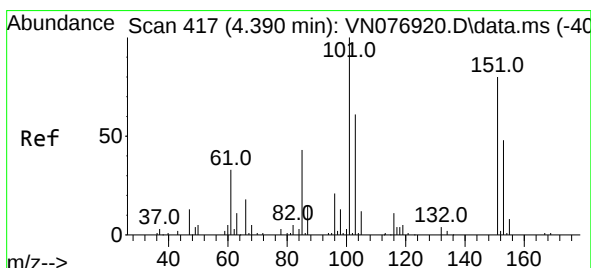
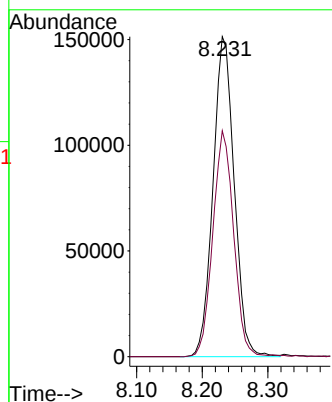
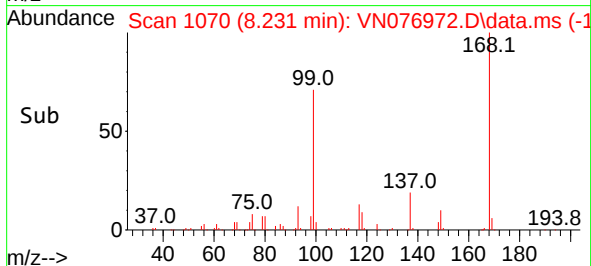
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20230309



Tgt Ion:168 Resp: 33981
Ion Ratio Lower Upper
168 100
99 70.6 48.6 73.0

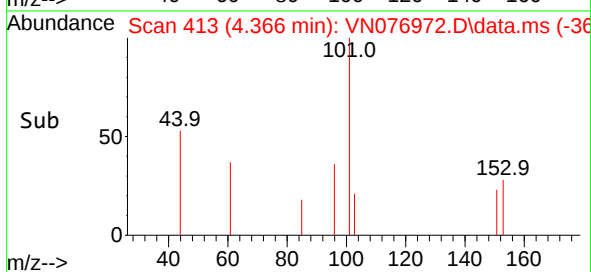
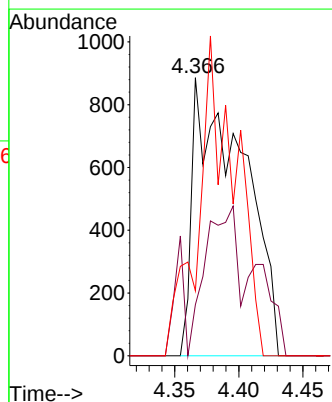
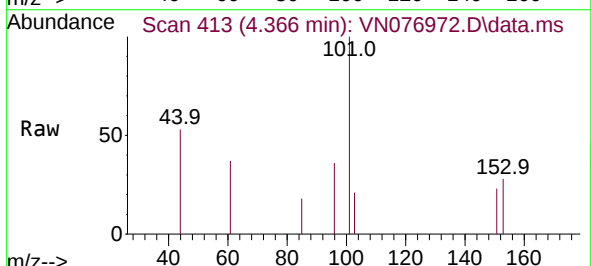
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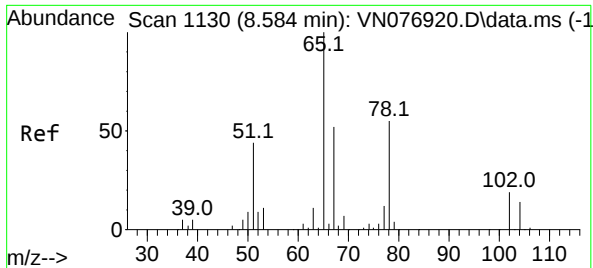
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.598 ug/l m
RT: 4.366 min Scan# 413
Delta R.T. -0.024 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21

Tgt Ion:101 Resp: 2438
Ion Ratio Lower Upper
101 100
85 7.9 35.2 52.8#
151 0.0 58.9 88.3#





#33

1,2-Dichloroethane-d4

Concen: 48.910 ug/l

RT: 8.589 min Scan# 1131

Delta R.T. 0.005 min

Lab File: VN076972.D

Acq: 13 Mar 2023 19:21

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20230309

Tgt Ion: 65 Resp: 24802

Ion Ratio Lower Upper

65 100

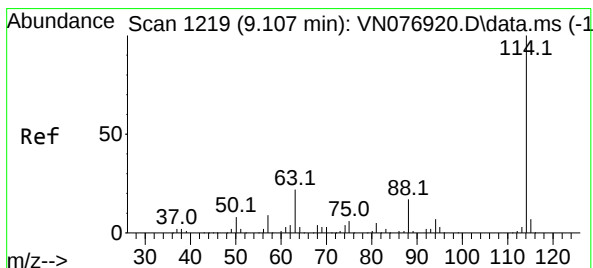
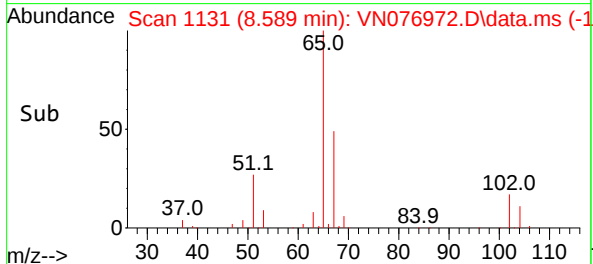
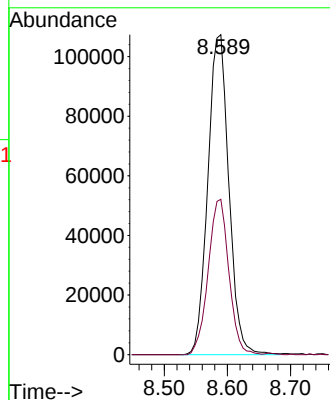
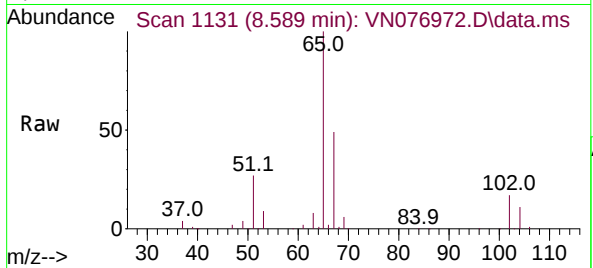
67 47.8 0.0 107.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN076972.D

Acq: 13 Mar 2023 19:21

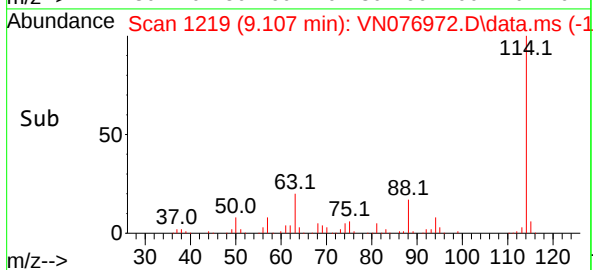
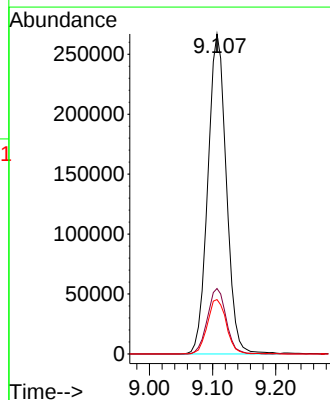
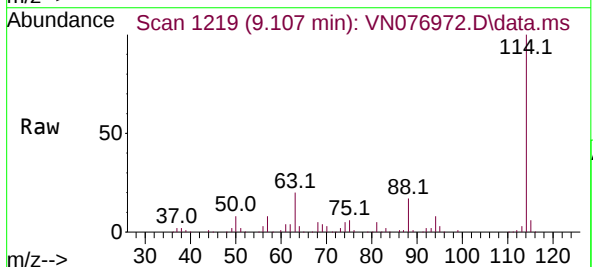
Tgt Ion:114 Resp: 543677

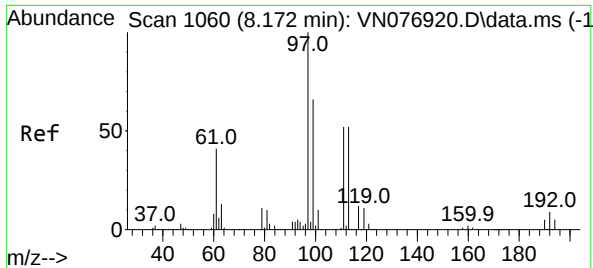
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

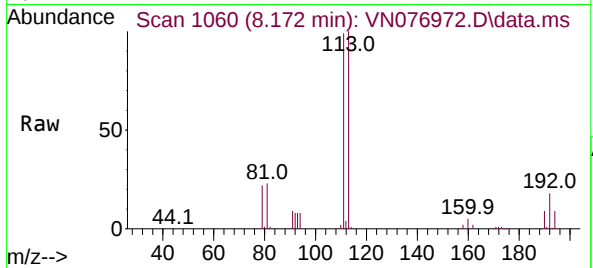
88 17.0 0.0 28.6





#35
Dibromofluoromethane
Concen: 48.745 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21

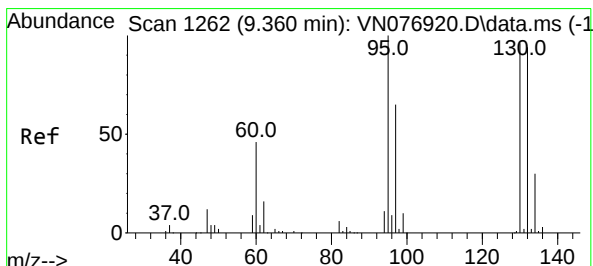
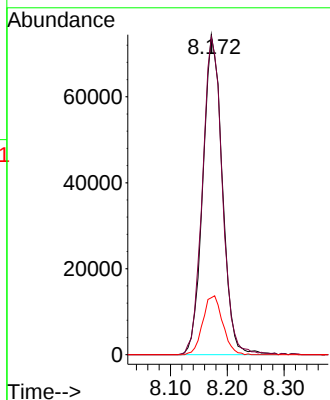
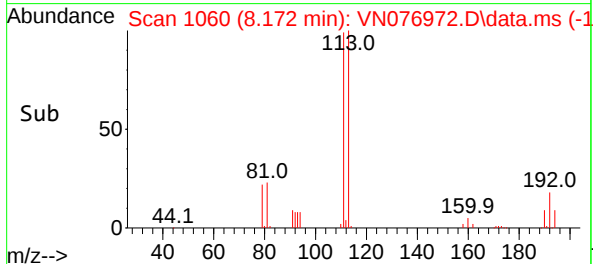
Instrument :
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ClientSampleId :
RE105D2-20230309



Tgt Ion:113 Resp: 17662
Ion Ratio Lower Upper
113 100
111 101.3 81.8 122.8
192 18.8 13.9 20.9

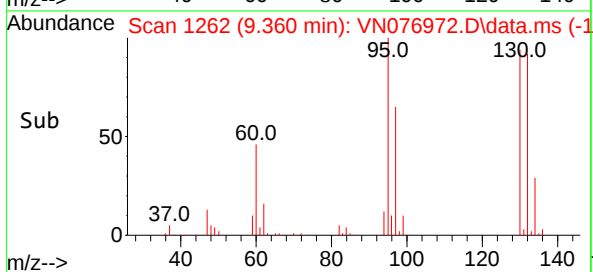
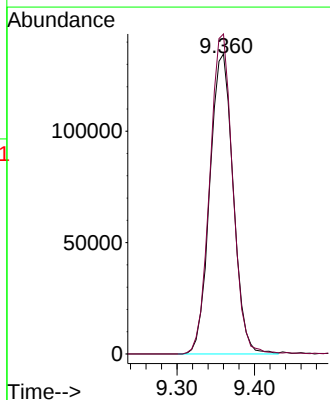
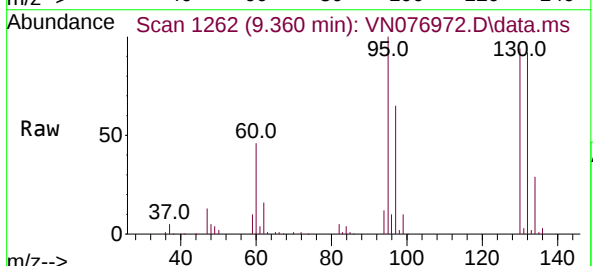
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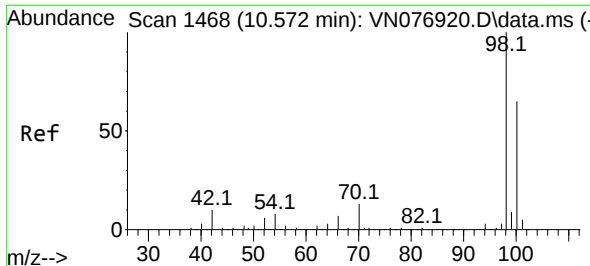
Reviewed By :John Carlone 03/14/2023
Supervised By :Mahesh Dadoda 03/14/2023



#44
Trichloroethene
Concen: 66.177 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21

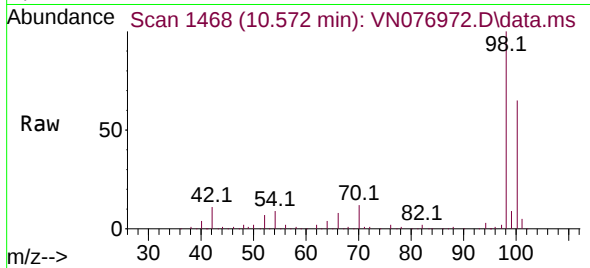
Tgt Ion:130 Resp: 282512
Ion Ratio Lower Upper
130 100
95 106.7 0.0 208.6





#50
Toluene-d8
Concen: 48.592 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21

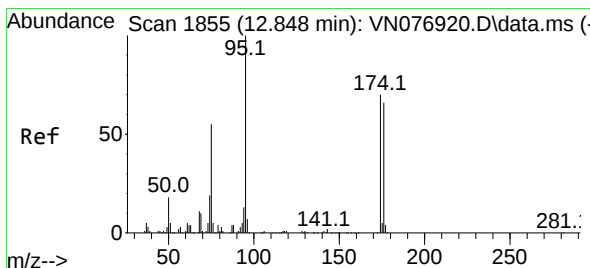
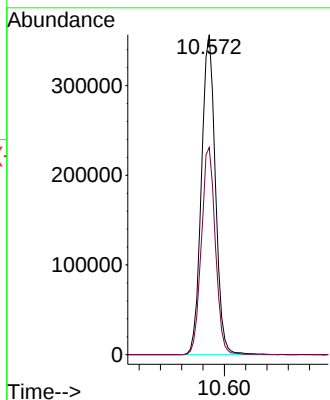
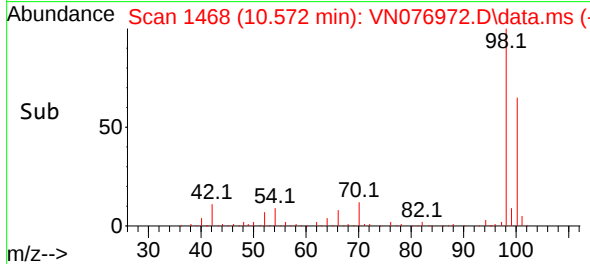
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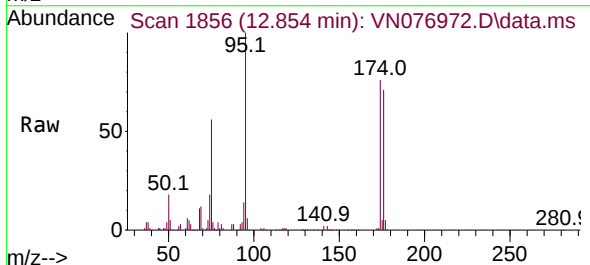
Tgt Ion: 98 Resp: 64890
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2

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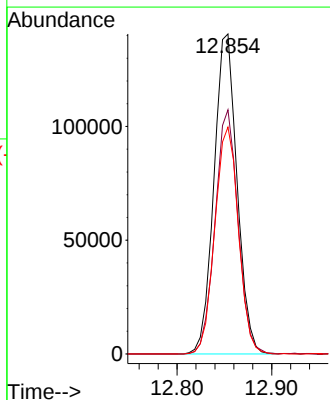
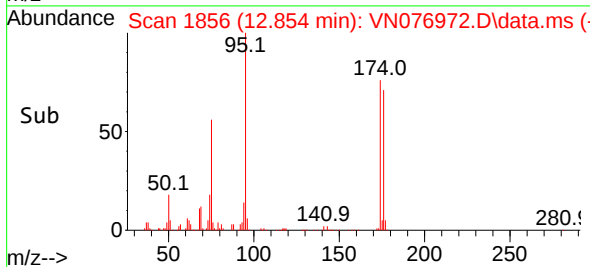
Reviewed By :John Carlone 03/14/2023
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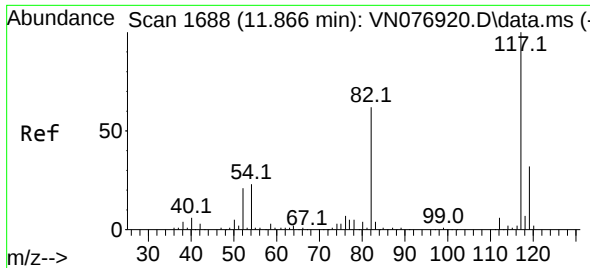


#62
4-Bromofluorobenzene
Concen: 48.858 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21



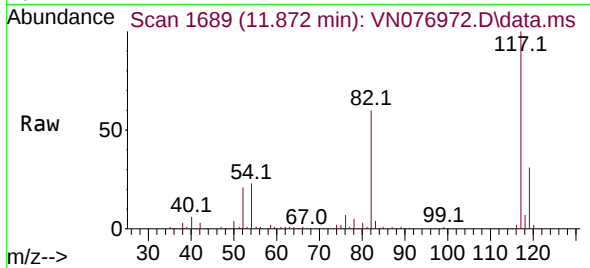
Tgt Ion: 95 Resp: 238648
Ion Ratio Lower Upper
95 100
174 75.5 0.0 162.4
176 72.3 0.0 157.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21

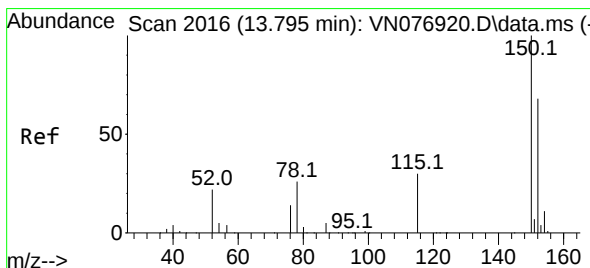
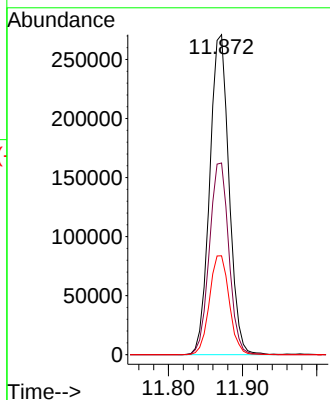
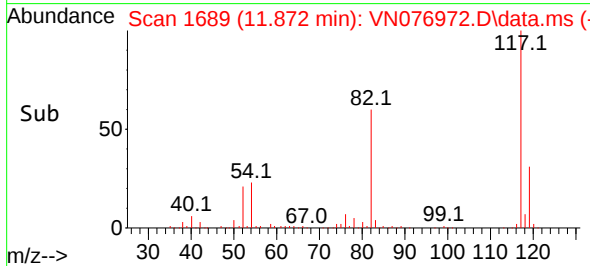
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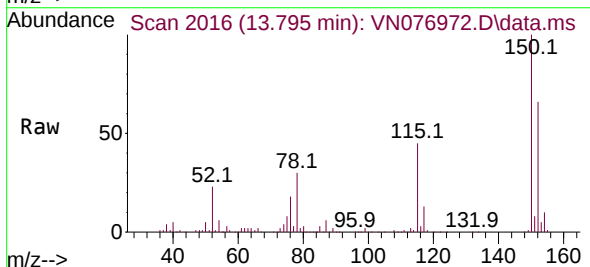
Tgt Ion:117 Resp: 490372
Ion Ratio Lower Upper
117 100
82 59.9 43.5 65.3
119 30.9 25.5 38.3

Manual Integrations
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Supervised By :Mahesh Dadoda 03/14/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076972.D
Acq: 13 Mar 2023 19:21



Tgt Ion:152 Resp: 212653
Ion Ratio Lower Upper
152 100
115 68.5 30.3 90.9
150 155.1 0.0 353.6

