

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050123\
 Data File : VN077544.D
 Acq On : 01 May 2023 15:49
 Operator : JC\MD
 Sample : 02535-02DL 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/02/2023
 Supervised By : Mahesh Dadoda 05/03/2023

Quant Time: May 01 22:02:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:50:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	607236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1127361	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	996389	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	335250	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	399263	50.388	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.780%			
35) Dibromofluoromethane	8.172	113	351450	51.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	10.566	98	1355172	52.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.360%			
62) 4-Bromofluorobenzene	12.854	95	401769	47.286	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.580%			
Target Compounds						
19) Methyl tert-butyl Ether	5.807	73	628210	27.875	ug/l	Qvalue 96

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

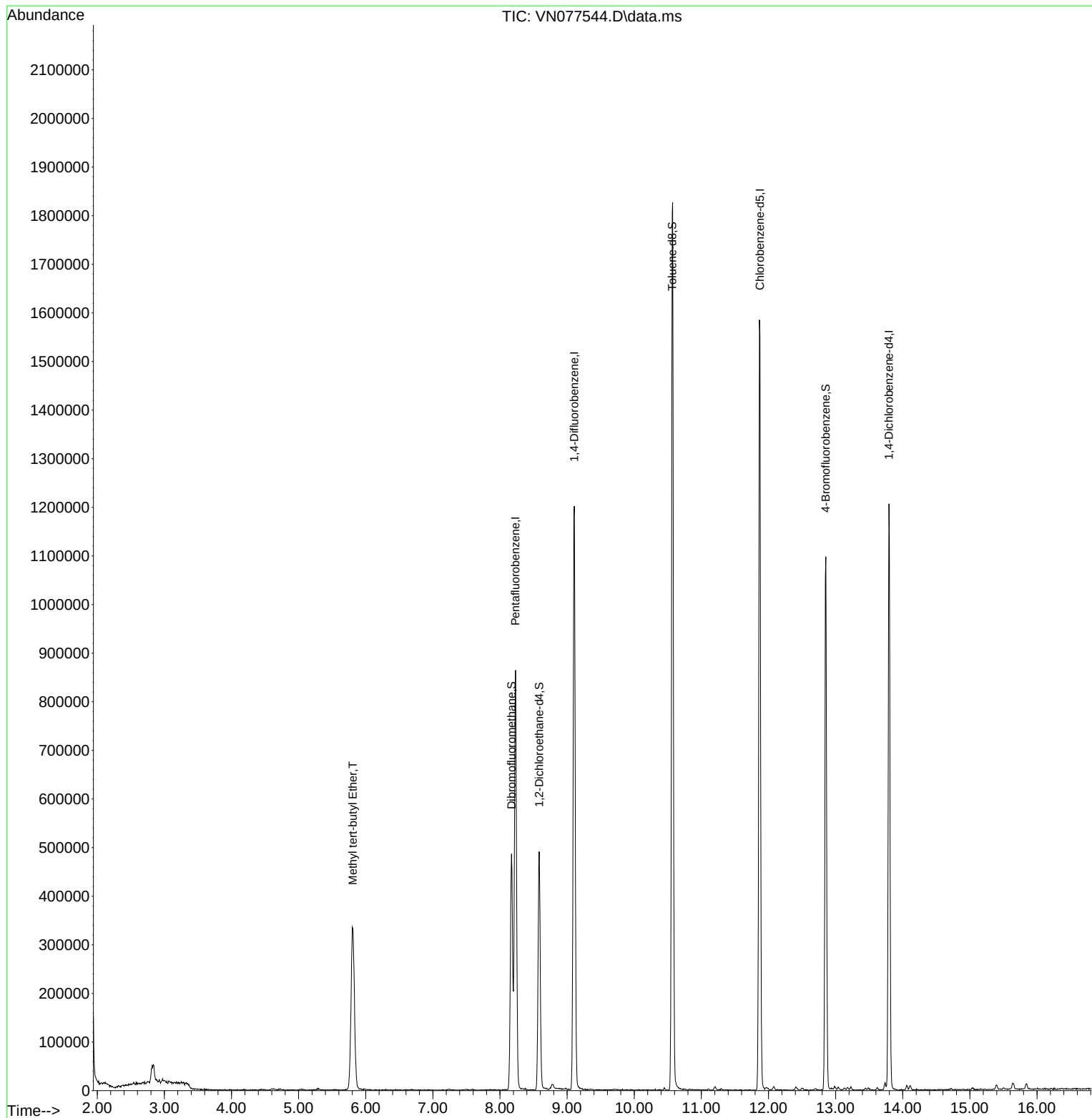
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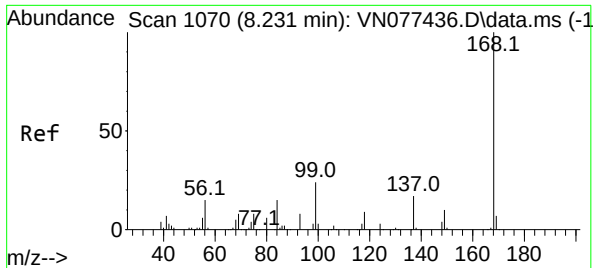
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Quant Time: May 01 22:02:59 2023
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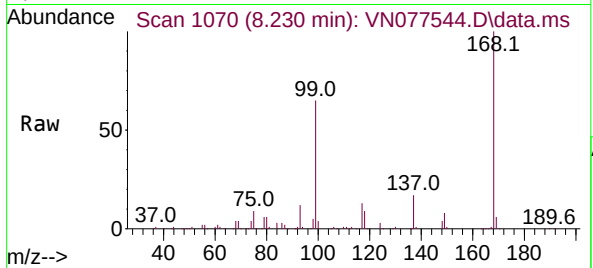
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1070
Delta R.T. -0.001 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

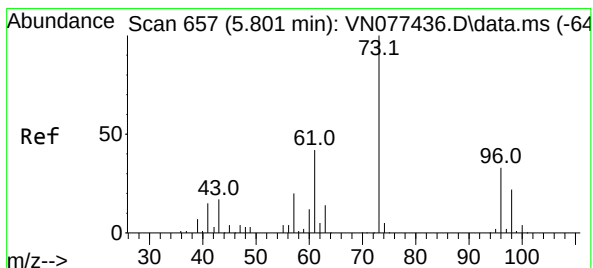
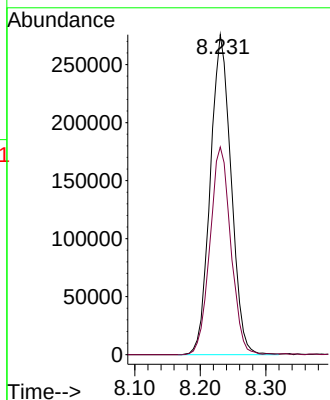
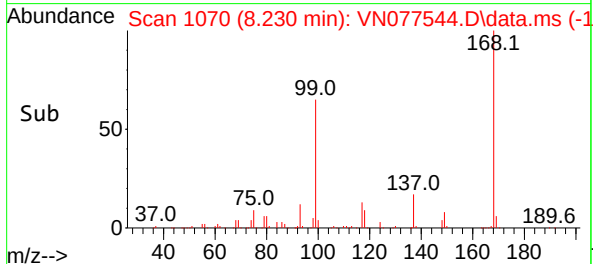
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL



Tgt Ion:168 Resp: 607230
Ion Ratio Lower Upper
168 100
99 64.9 53.0 79.6

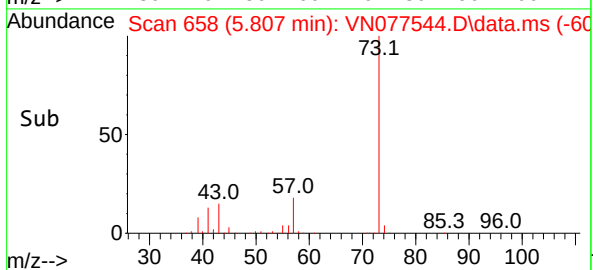
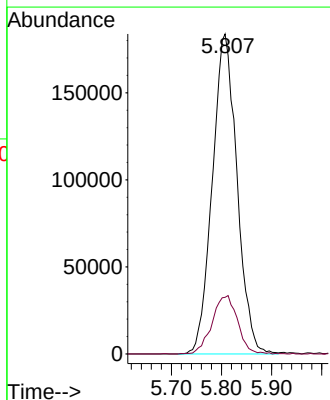
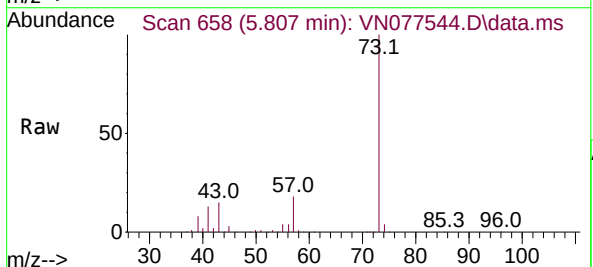
Manual Integrations
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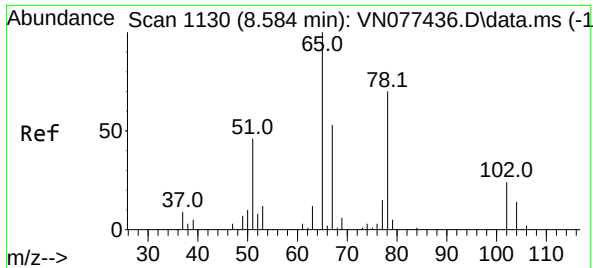
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023



#19
Methyl tert-butyl Ether
Concen: 27.875 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

Tgt Ion: 73 Resp: 628210
Ion Ratio Lower Upper
73 100
57 17.7 15.6 23.4





#33

1,2-Dichloroethane-d4

Concen: 50.388 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

Instrument :

MSVOA_N

ClientSampleId :

TP-9DL

Tgt Ion: 65 Resp: 39926

Ion Ratio Lower Upper

65 100

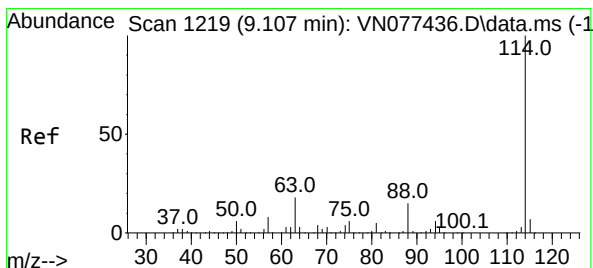
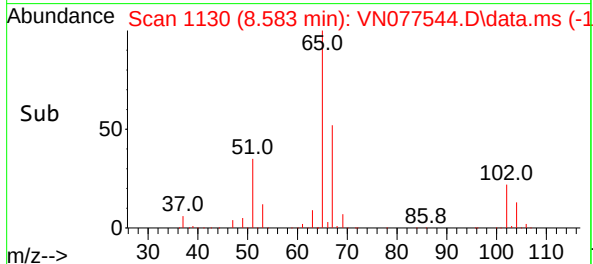
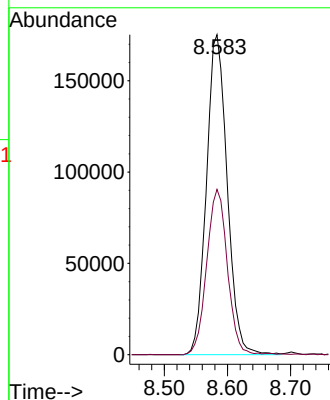
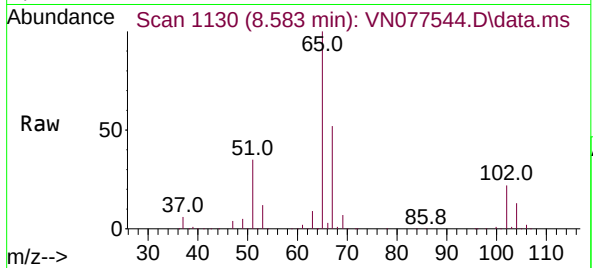
67 51.7 0.0 106.6

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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: VN077544.D

Acq: 01 May 2023 15:49

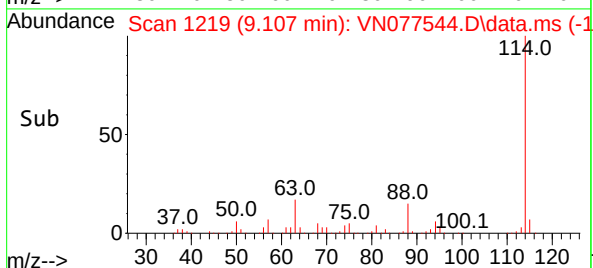
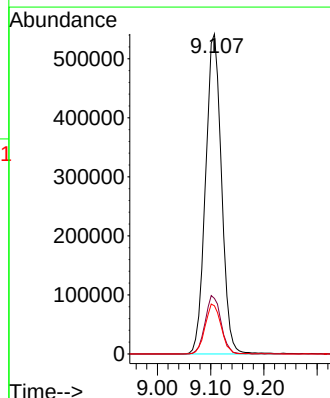
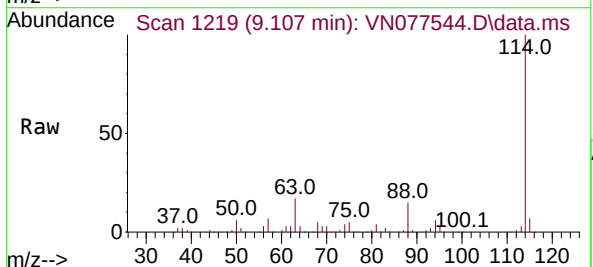
Tgt Ion:114 Resp: 1127361

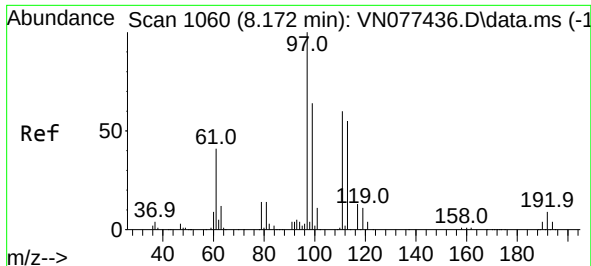
Ion Ratio Lower Upper

114 100

63 17.4 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.867 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077544.D

Acq: 01 May 2023 15:49

Instrument :

MSVOA_N

ClientSampleId :

TP-9DL

Tgt Ion:113 Resp: 351450

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

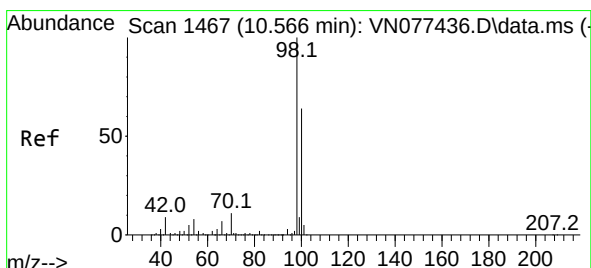
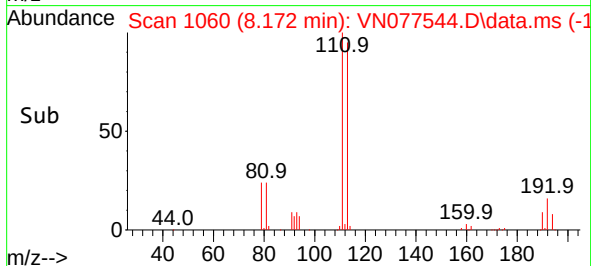
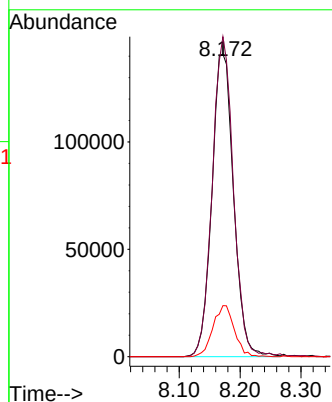
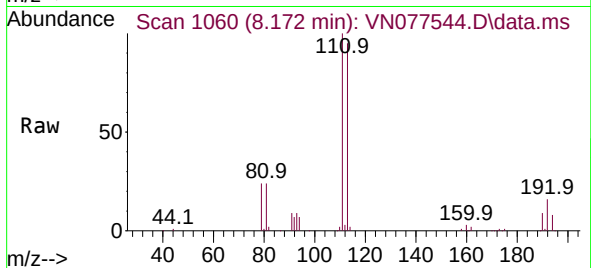
192 16.6 12.7 19.1

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#50

Toluene-d8

Concen: 52.184 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077544.D

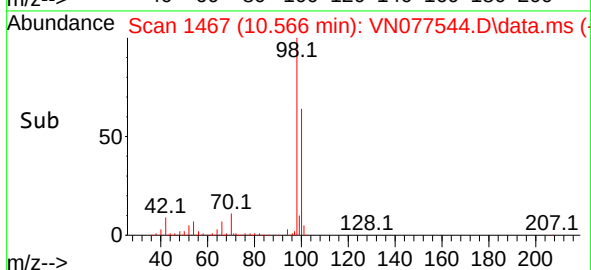
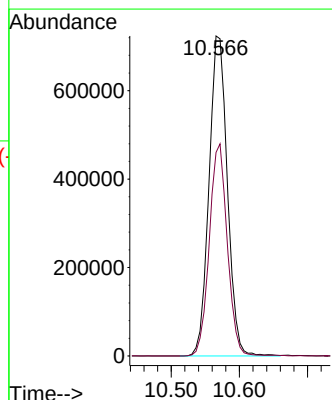
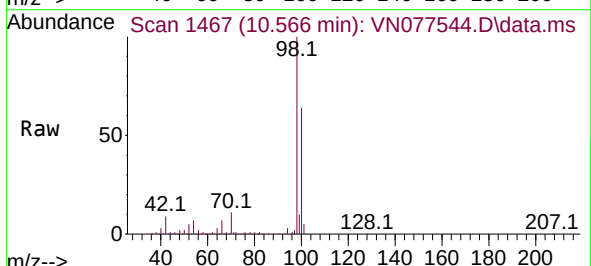
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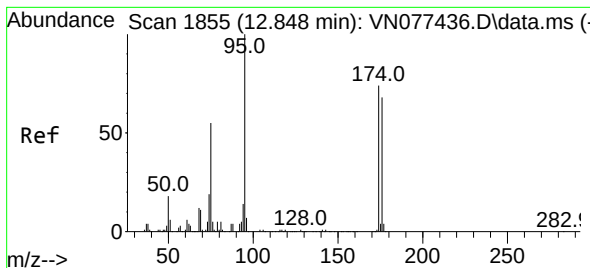
Tgt Ion: 98 Resp: 1355172

Ion Ratio Lower Upper

98 100

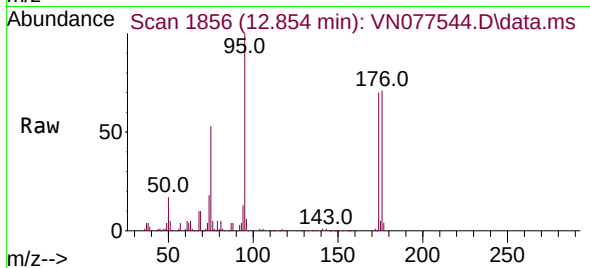
100 64.8 52.0 78.0





#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 12.854 min Scan# 1855
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49

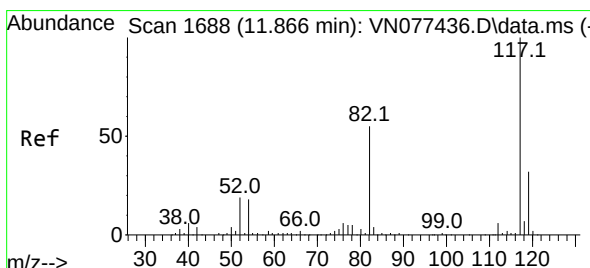
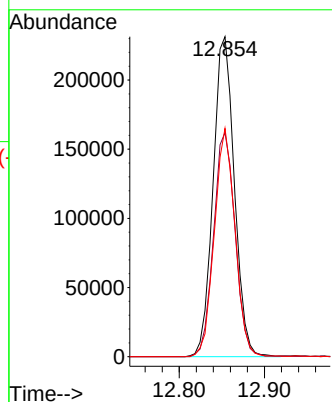
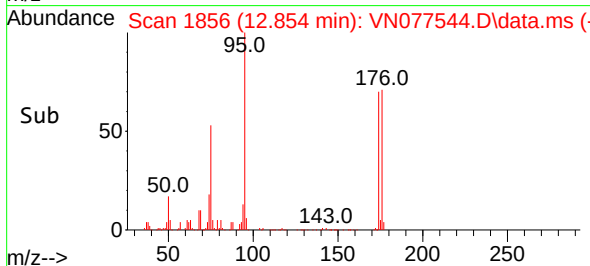
Instrument :
MSVOA_N
ClientSampleId :
TP-9DL



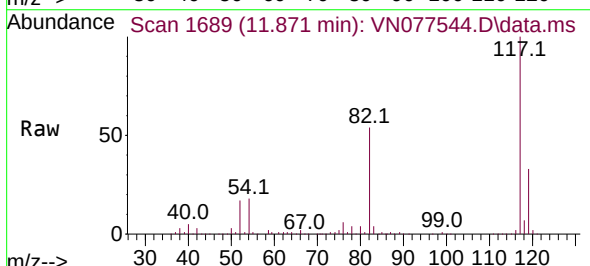
Tgt Ion: 95 Resp: 401769
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 69.4 0.0 135.8

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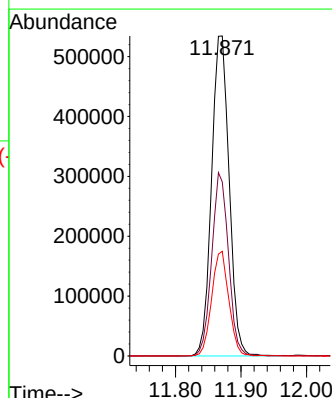
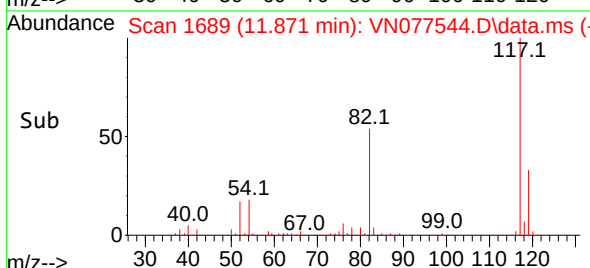
Reviewed By :John Carlone 05/02/2023
Supervised By :Mahesh Dadoda 05/03/2023

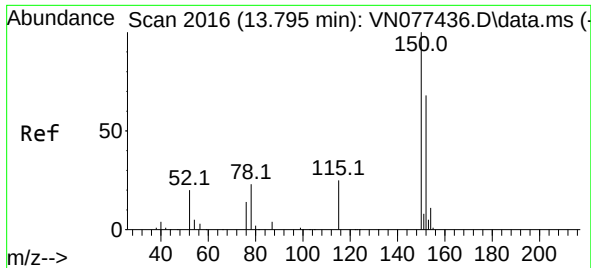


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077544.D
Acq: 01 May 2023 15:49



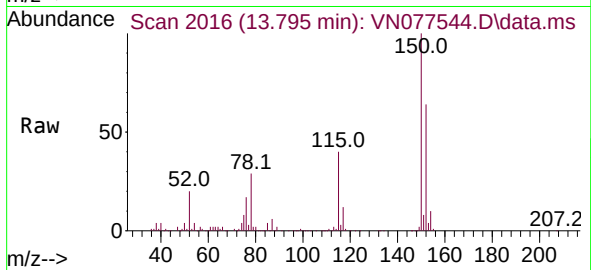
Tgt Ion:117 Resp: 996389
Ion Ratio Lower Upper
117 100
82 54.4 44.0 66.0
119 32.7 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.795 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077544.D
 Acq: 01 May 2023 15:49

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9DL



Tgt Ion:152 Resp: 335250
 Ion Ratio Lower Upper
 152 100
 115 63.0 32.3 96.8
 150 155.5 0.0 355.8

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