

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081422.D
 Acq On : 14 Mar 2024 20:05
 Operator : JC\MD
 Sample : P1769-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-3-14-24

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:18:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	321080	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	582069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	503941	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	198825	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	236360	50.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.820%			
35) Dibromofluoromethane	8.171	113	185258	51.949	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.900%			
50) Toluene-d8	10.571	98	693580	52.027	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.060%			
62) 4-Bromofluorobenzene	12.853	95	220194	46.733	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 93.460%			
Target Compounds						
16) Acetone	4.442	43	6829m	4.152	ug/l	
52) Toluene	10.629	92	16827	1.622	ug/l	99

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

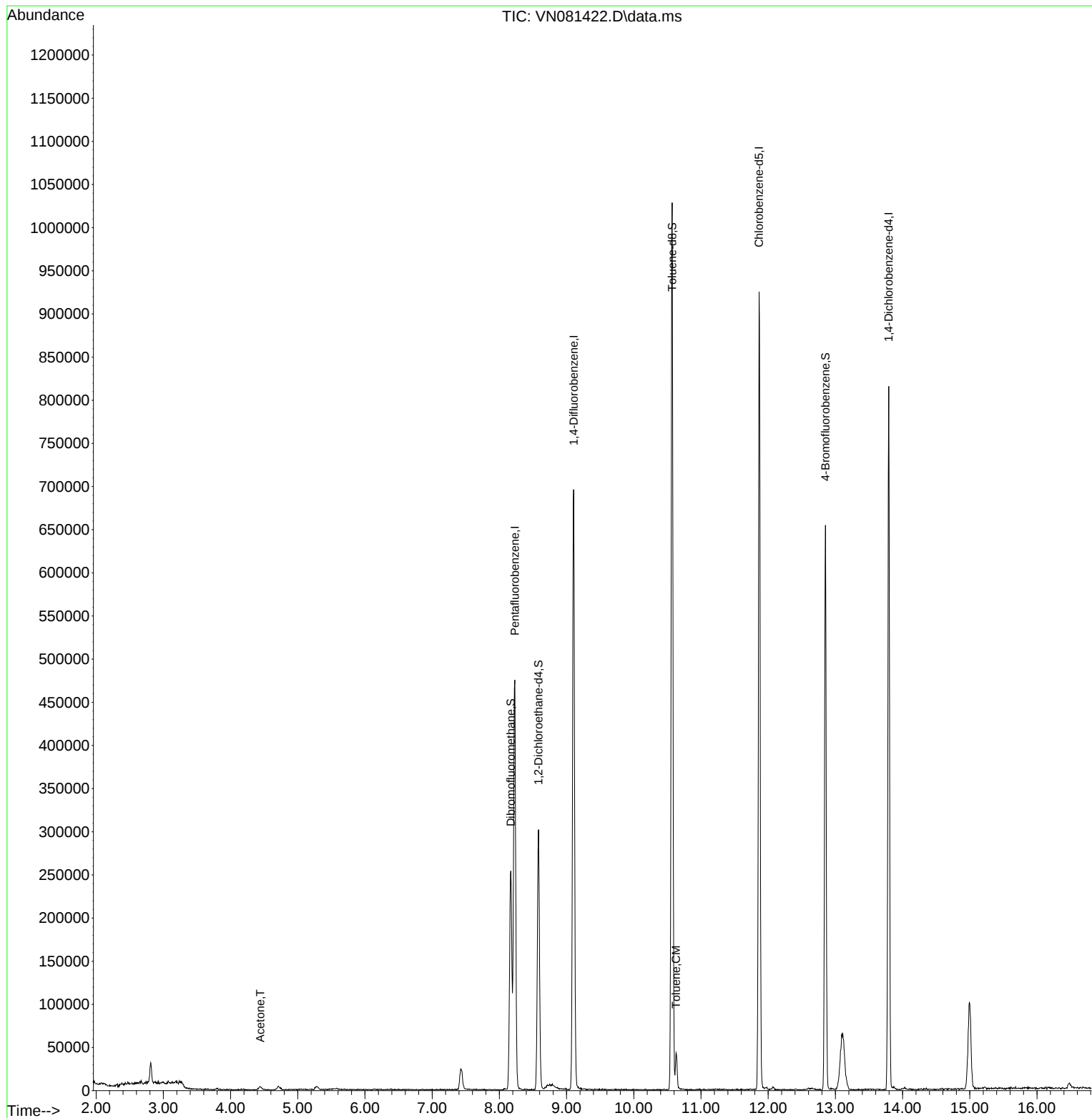
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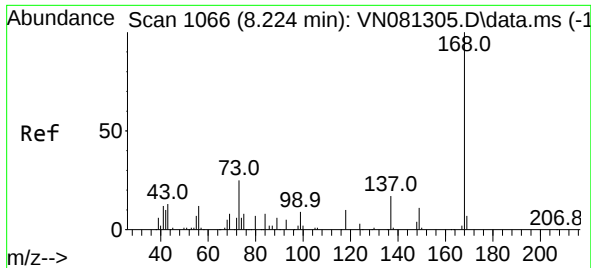
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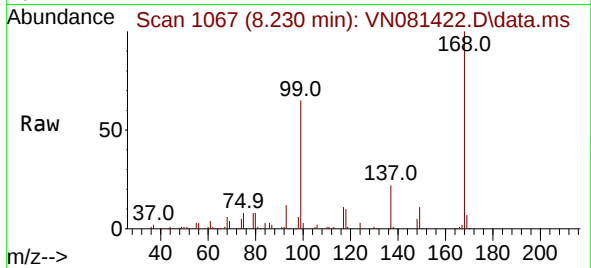
Quant Time: Mar 15 01:18:46 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 06 03:12:57 2024
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081422.D
Acq: 14 Mar 2024 20:05

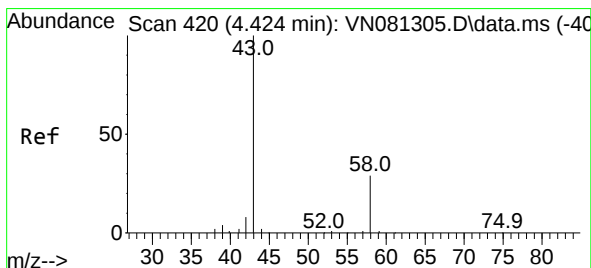
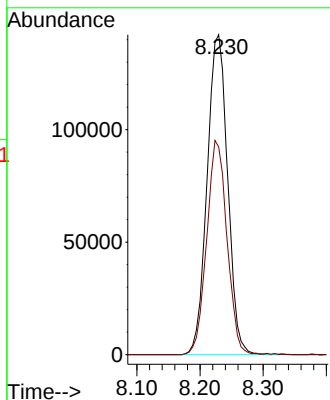
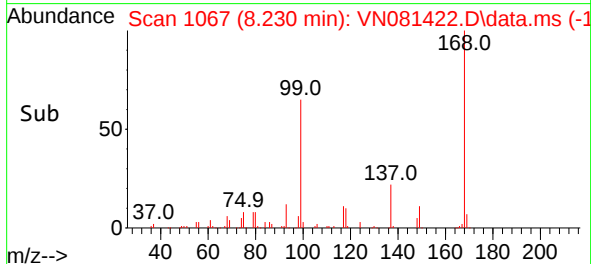
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24



Tgt Ion:168 Resp: 321080
Ion Ratio Lower Upper
168 100
99 64.9 59.9 89.9

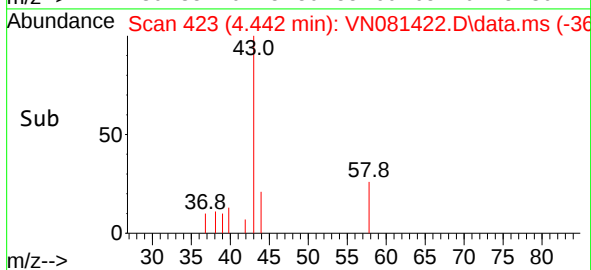
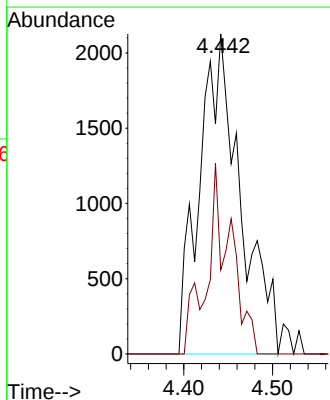
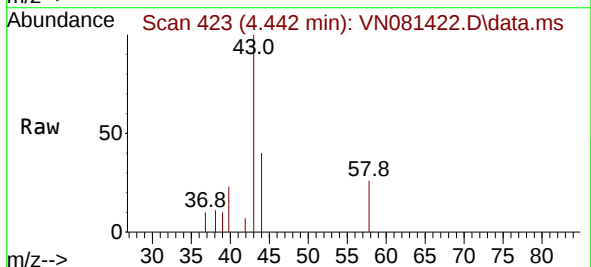
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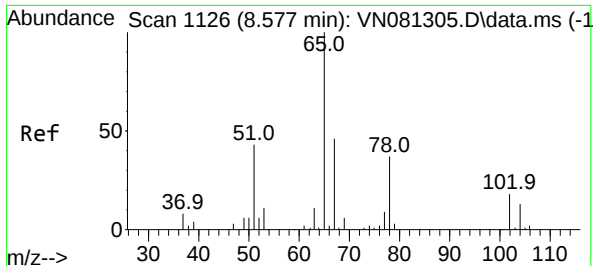
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#16
Acetone
Concen: 4.152 ug/l m
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN081422.D
Acq: 14 Mar 2024 20:05

Tgt Ion: 43 Resp: 6829
Ion Ratio Lower Upper
43 100
58 26.2 24.8 37.2





#33

1,2-Dichloroethane-d4

Concen: 50.913 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081422.D

Acq: 14 Mar 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

FB-3-14-24

Tgt Ion: 65 Resp: 236360

Ion Ratio Lower Upper

65 100

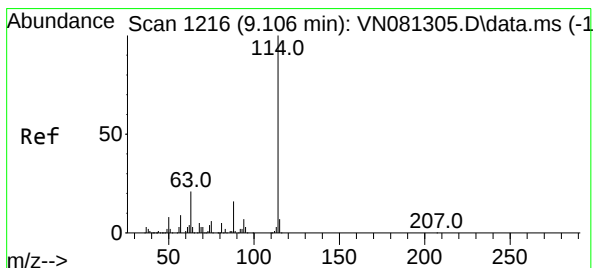
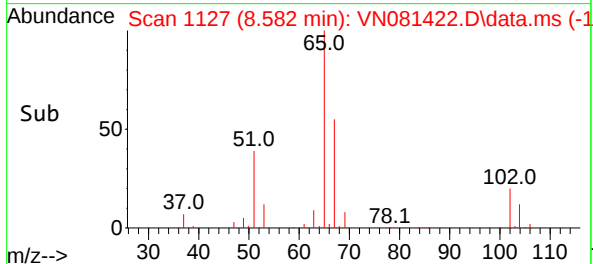
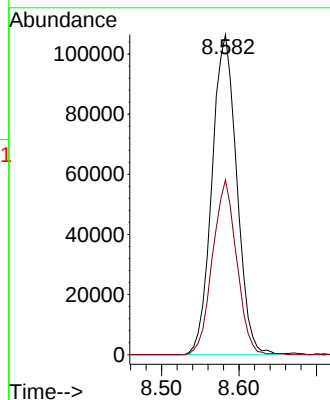
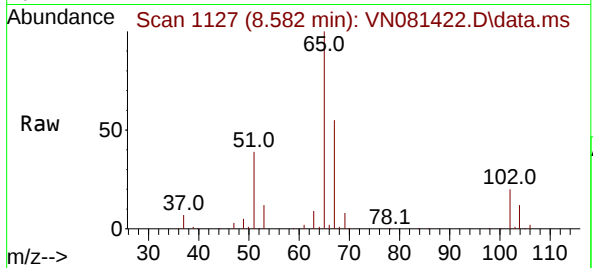
67 53.0 0.0 102.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN081422.D

Acq: 14 Mar 2024 20:05

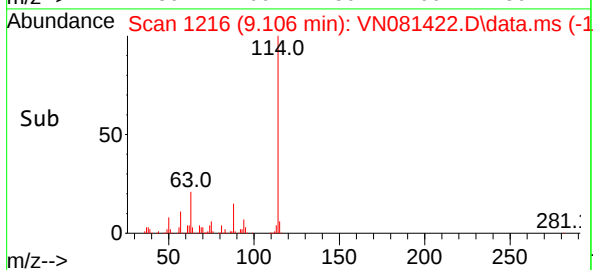
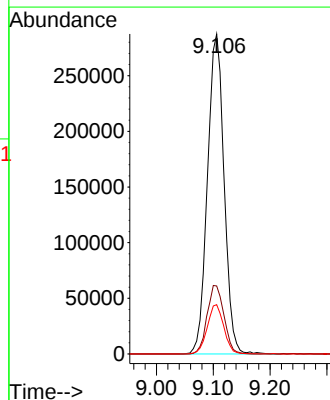
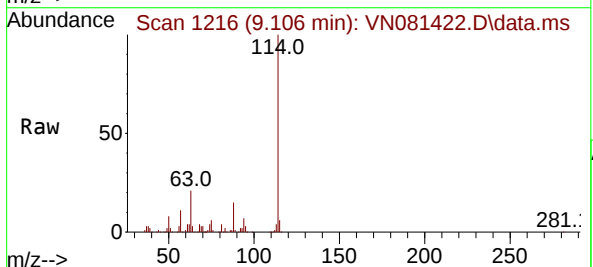
Tgt Ion:114 Resp: 582069

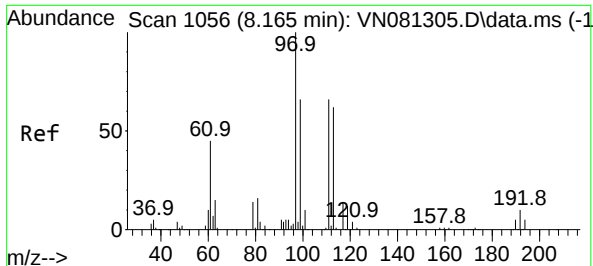
Ion Ratio Lower Upper

114 100

63 21.2 0.0 48.0

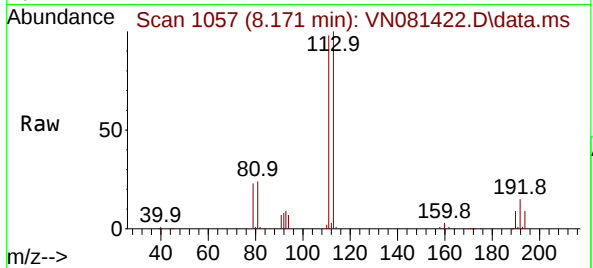
88 15.4 0.0 34.8





#35
Dibromofluoromethane
Concen: 51.949 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081422.D
Acq: 14 Mar 2024 20:05

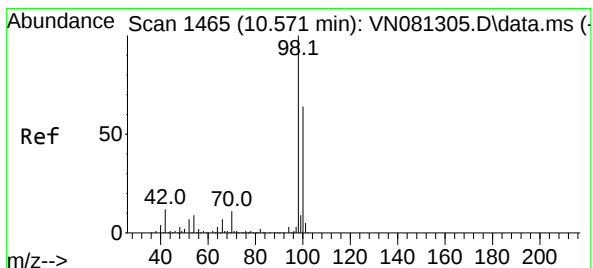
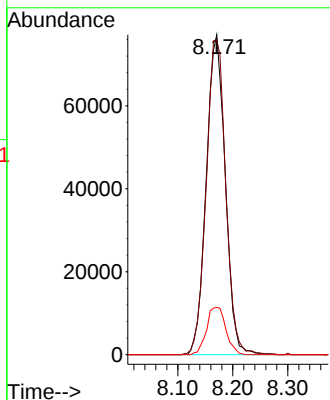
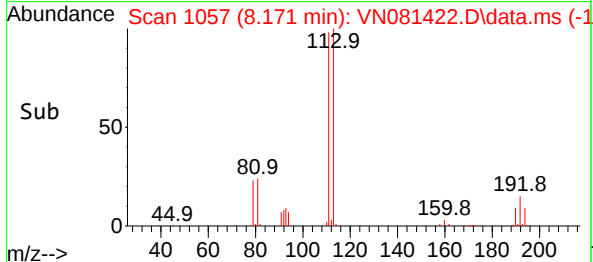
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24



Tgt Ion:113 Resp: 185258
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 15.1 12.5 18.7

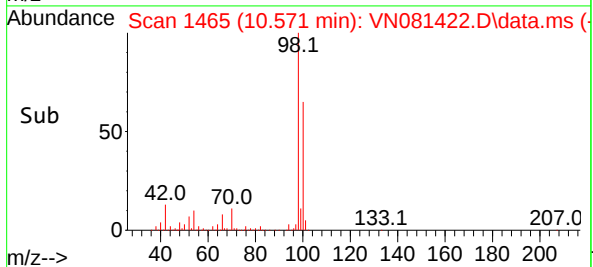
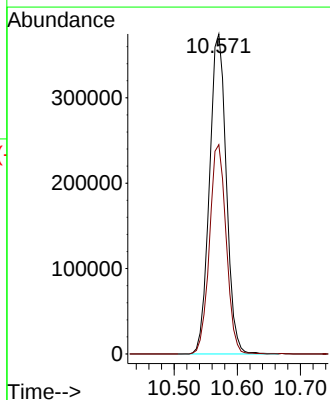
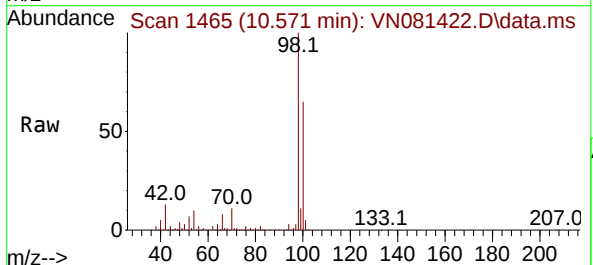
Manual Integrations
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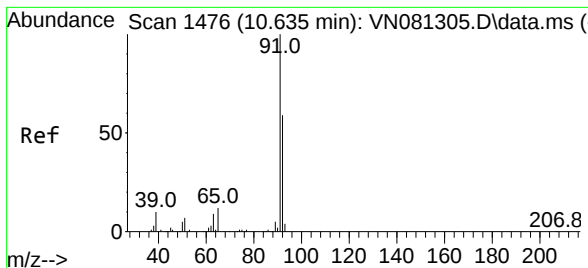
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#50
Toluene-d8
Concen: 52.027 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN081422.D
Acq: 14 Mar 2024 20:05

Tgt Ion: 98 Resp: 693580
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0





#52

Toluene

Concen: 1.622 ug/l

RT: 10.629 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VN081422.D

Acq: 14 Mar 2024 20:05

Instrument :

MSVOA_N

ClientSampleId :

FB-3-14-24

Tgt Ion: 92 Resp: 1682

Ion Ratio Lower Upper

92 100

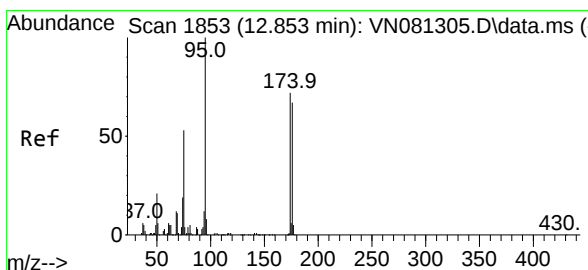
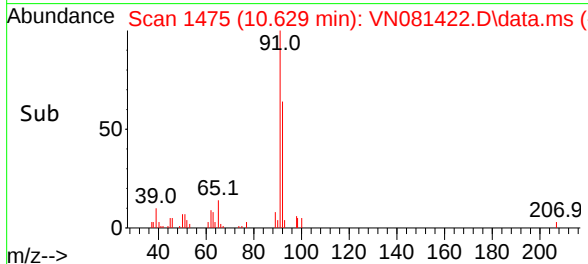
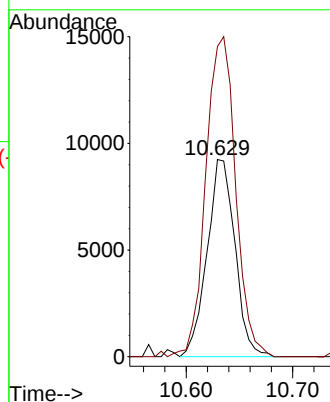
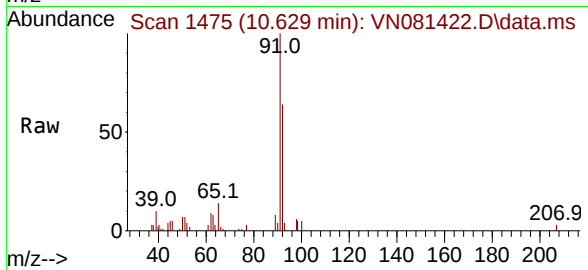
91 173.0 139.4 209.0

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 46.733 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN081422.D

Acq: 14 Mar 2024 20:05

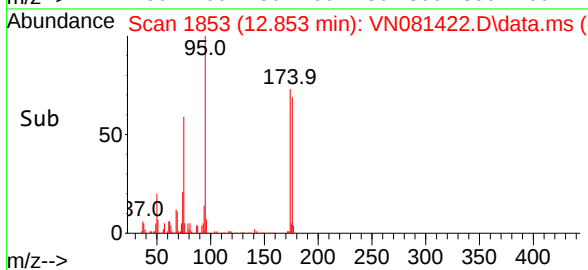
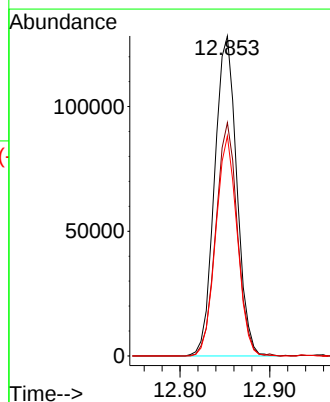
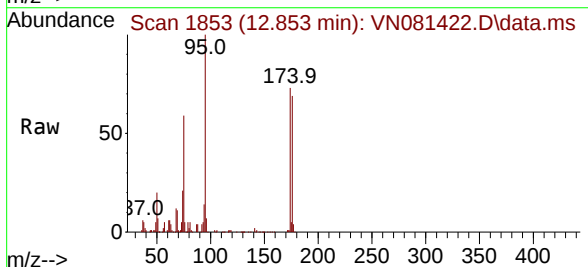
Tgt Ion: 95 Resp: 220194

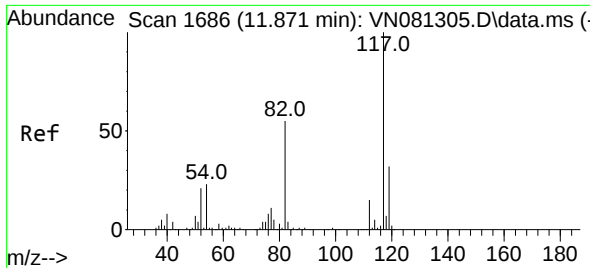
Ion Ratio Lower Upper

95 100

174 71.0 0.0 120.4

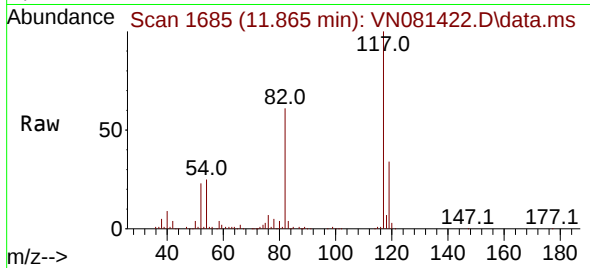
176 66.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081422.D
Acq: 14 Mar 2024 20:05

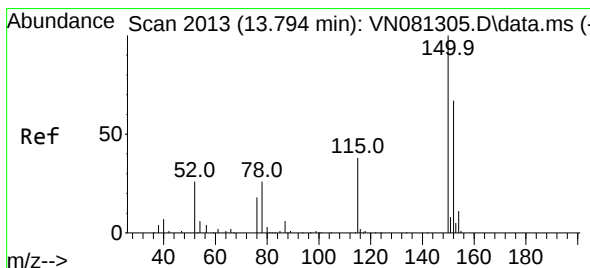
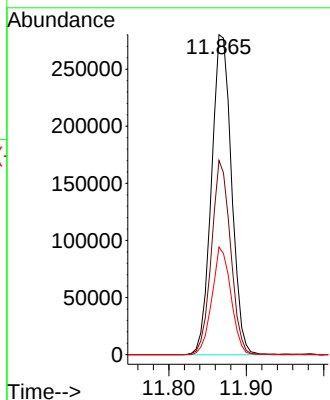
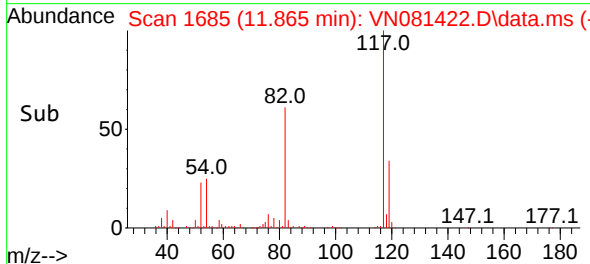
Instrument :
MSVOA_N
ClientSampleId :
FB-3-14-24



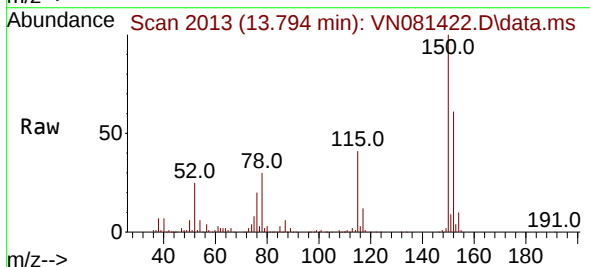
Tgt Ion:117 Resp: 50394
Ion Ratio Lower Upper
117 100
82 60.7 52.7 79.1
119 33.7 25.3 37.9

Manual Integrations
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Supervised By :Mahesh Dadoda 03/15/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN081422.D
Acq: 14 Mar 2024 20:05



Tgt Ion:152 Resp: 198825
Ion Ratio Lower Upper
152 100
115 65.0 32.3 96.8
150 160.5 0.0 339.8

