

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
 Data File : VN080796.D
 Acq On : 29 Jan 2024 17:18
 Operator : JC\MD
 Sample : P1258-01DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50234DL

Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/30/2024
 Supervised By :Mahesh Dadoda 01/30/2024

Quant Time: Jan 30 01:30:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	95269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	229599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	241341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	82235	49.896	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.800%		
35) Dibromofluoromethane	8.171	113	64179	45.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	91.380%		
50) Toluene-d8	10.571	98	270632	49.225	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.853	95	104107	54.339	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	108.680%		
Target Compounds						
16) Acetone	4.436	43	5957m	9.966	ug/l	
19) Methyl tert-butyl Ether	5.794	73	6825	1.448	ug/l #	84
25) 2-Butanone	7.494	43	3853	3.394	ug/l	98
31) Cyclohexane	8.253	56	6754m	2.390	ug/l	
37) Ethyl Acetate	7.559	43	8020	2.984	ug/l #	87
40) Benzene	8.606	78	246412	32.112	ug/l	100
52) Toluene	10.629	92	182576	41.497	ug/l	98
67) Ethyl Benzene	11.965	91	19270	1.968	ug/l	90
68) m/p-Xylenes	12.070	106	20278	5.833	ug/l	99
69) o-Xylene	12.400	106	8900	2.576	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	1798	0.263	ug/l	70
84) 1,2,4-Trimethylbenzene	13.482	105	6940	1.001	ug/l	95

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

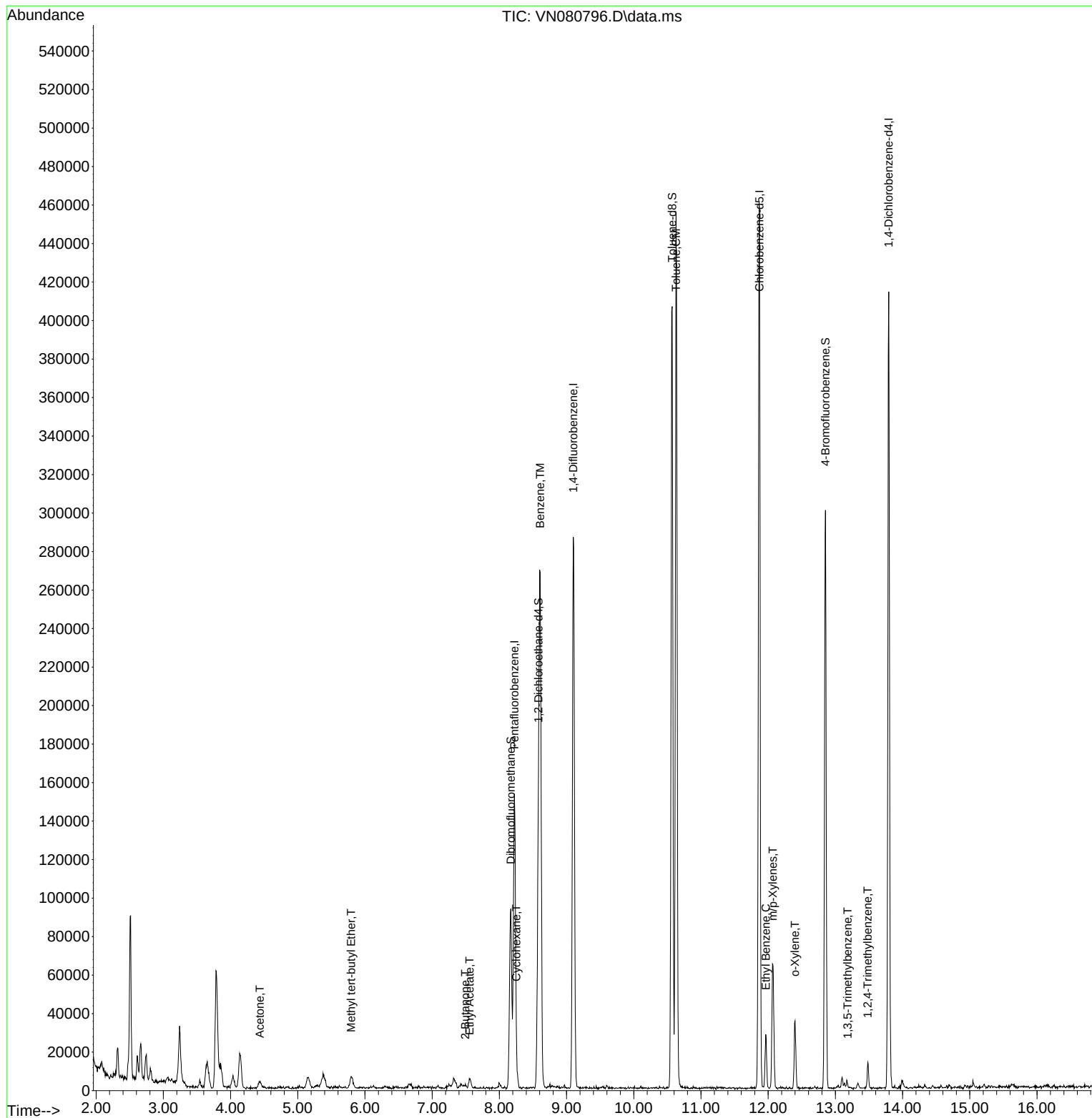
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012924\
Data File : VN080796.D
Acq On : 29 Jan 2024 17:18
Operator : JC\MD
Sample : P1258-01DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

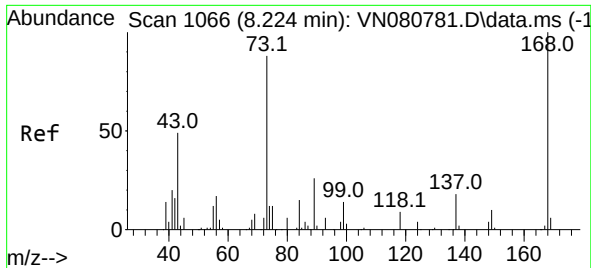
Instrument :
MSVOA_N
ClientSampleId :
50234DL

Quant Time: Jan 30 01:30:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

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APPROVED

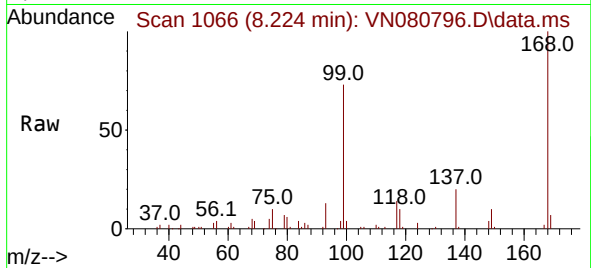
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

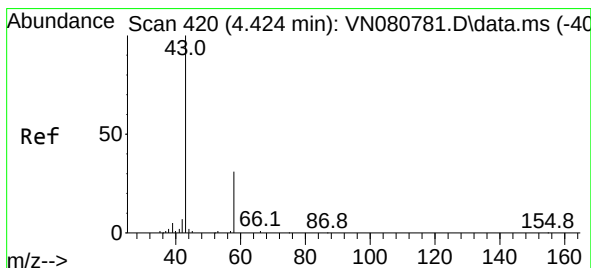
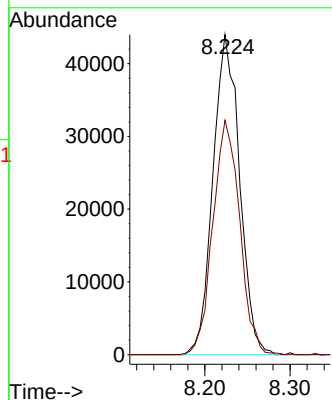
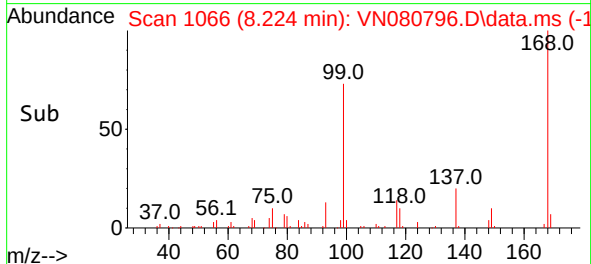
Instrument :
MSVOA_N
ClientSampleId :
50234DL



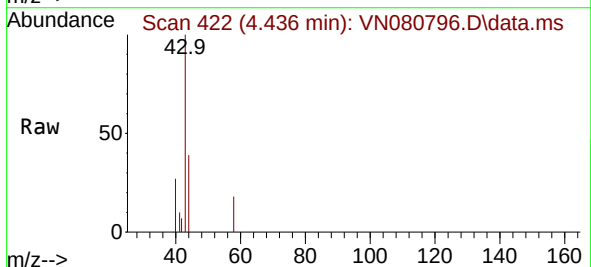
Tgt Ion:168 Resp: 95269
Ion Ratio Lower Upper
168 100
99 73.2 59.9 89.9

Manual Integrations
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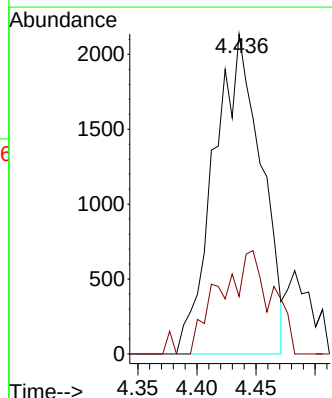
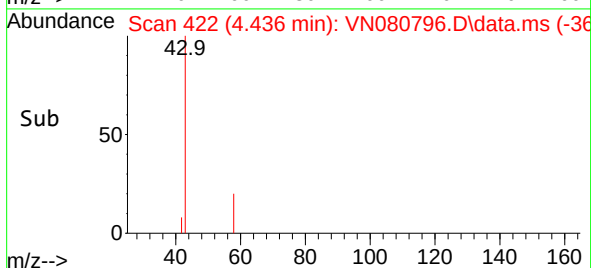
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

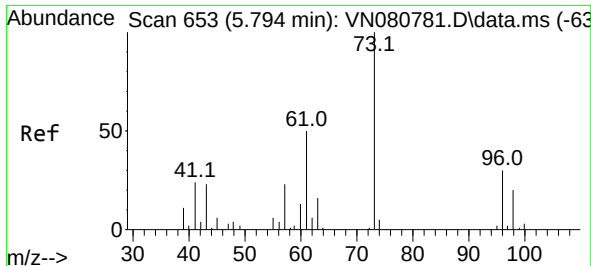


#16
Acetone
Concen: 9.966 ug/l m
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18



Tgt Ion: 43 Resp: 5957
Ion Ratio Lower Upper
43 100
58 17.9 24.8 37.2#





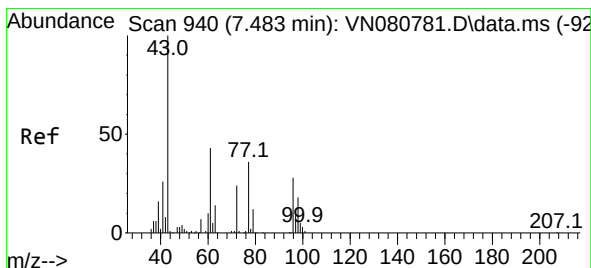
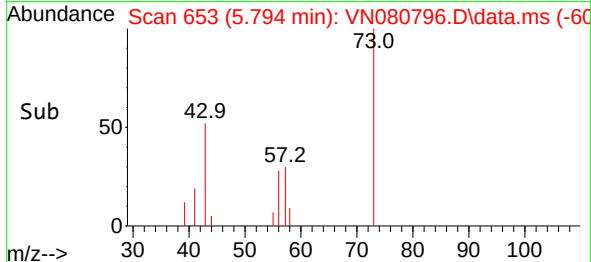
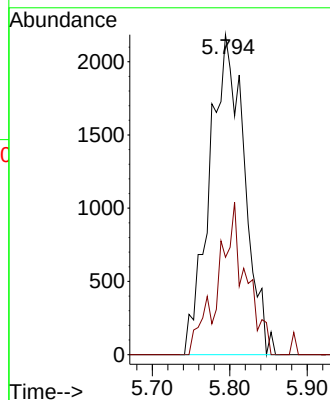
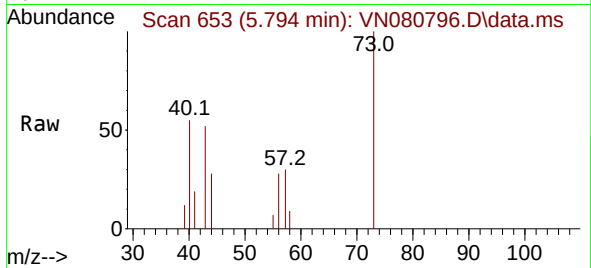
#19
Methyl tert-butyl Ether
Concen: 1.448 ug/l
RT: 5.794 min Scan# 653
Delta R.T. 0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
50234DL

Tgt Ion: 73 Resp: 682
Ion Ratio Lower Upper
73 100
57 30.4 18.2 27.4

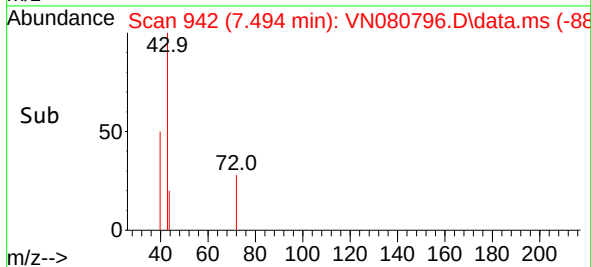
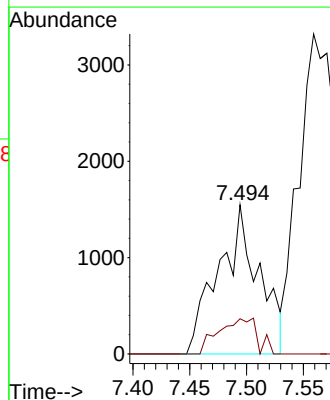
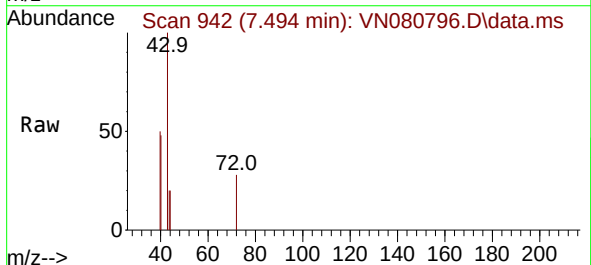
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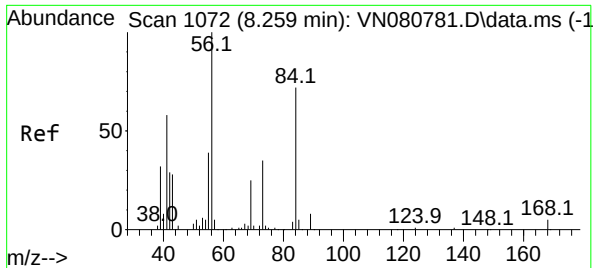
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#25
2-Butanone
Concen: 3.394 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

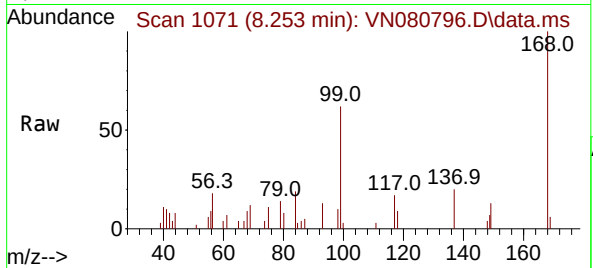
Tgt Ion: 43 Resp: 3853
Ion Ratio Lower Upper
43 100
72 23.6 19.5 29.3





#31
Cyclohexane
Concen: 2.390 ug/l m
RT: 8.253 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

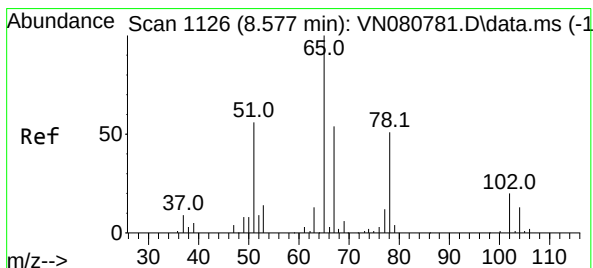
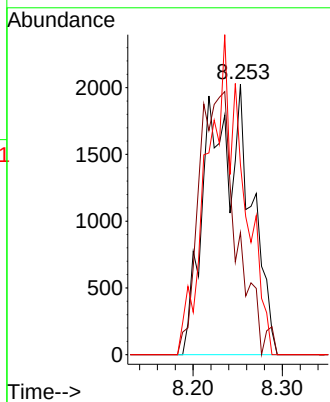
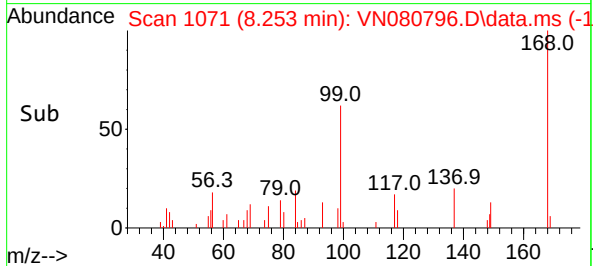
Instrument :
MSVOA_N
ClientSampleId :
50234DL



Tgt Ion: 56 Resp: 6754
Ion Ratio Lower Upper
56 100
69 68.4 20.1 30.1
84 106.5 56.9 85.3

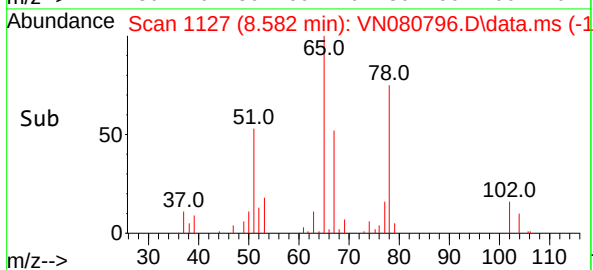
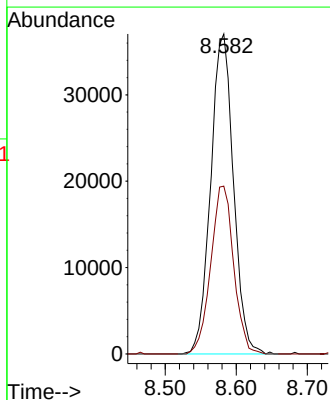
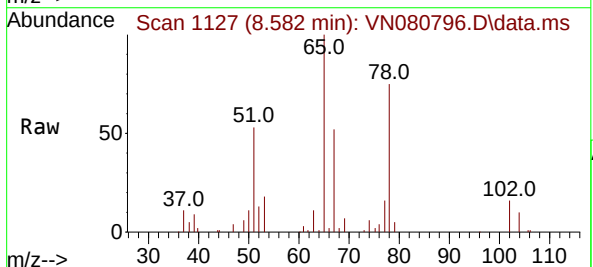
Manual Integrations
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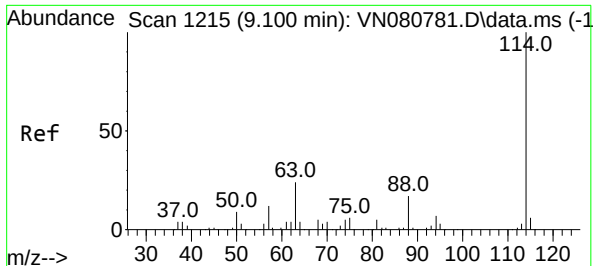
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#33
1,2-Dichloroethane-d4
Concen: 49.896 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

Tgt Ion: 65 Resp: 82235
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080796.D

Acq: 29 Jan 2024 17:18

Instrument :

MSVOA_N

ClientSampleId :

50234DL

Tgt Ion:114 Resp: 22959

Ion Ratio Lower Upper

114 100

63 25.4 0.0 48.0

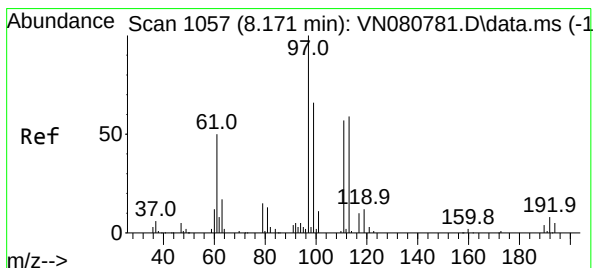
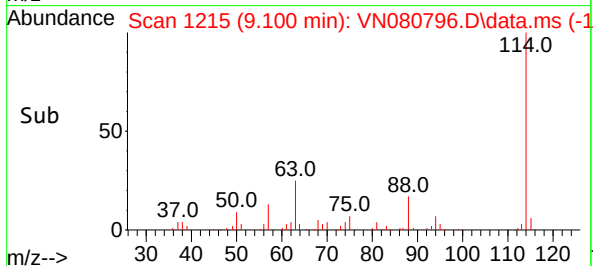
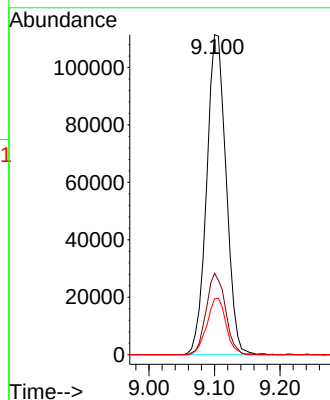
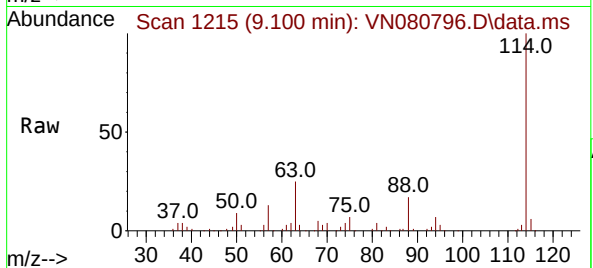
88 17.4 0.0 34.8

Manual Integrations

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Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#35

Dibromofluoromethane

Concen: 45.689 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080796.D

Acq: 29 Jan 2024 17:18

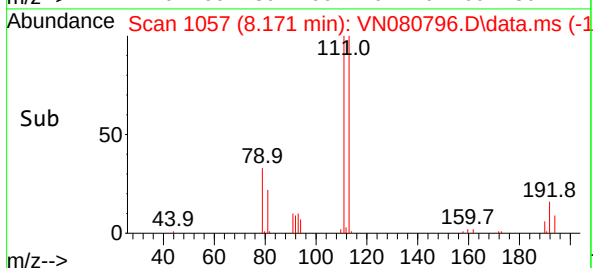
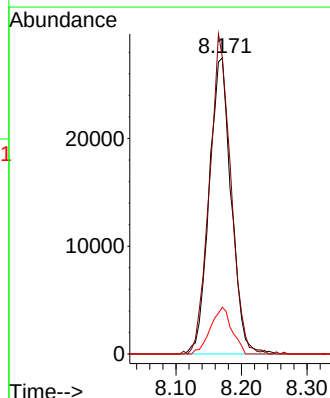
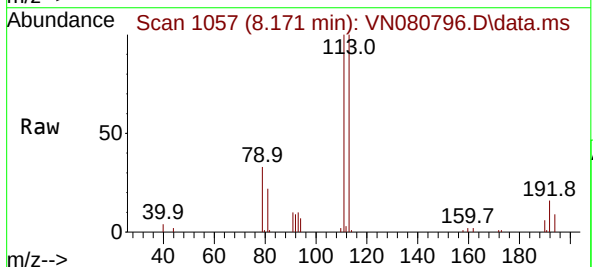
Tgt Ion:113 Resp: 64179

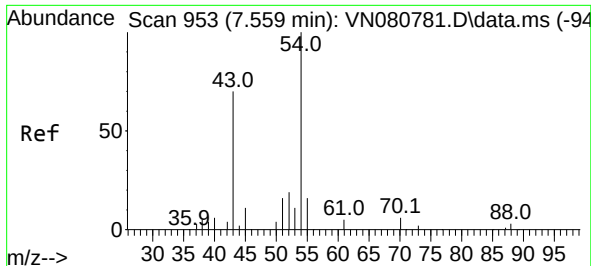
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 15.2 12.5 18.7





#37

Ethyl Acetate

Concen: 2.984 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN080796.D

Acq: 29 Jan 2024 17:18

Instrument :

MSVOA_N

ClientSampleId :

50234DL

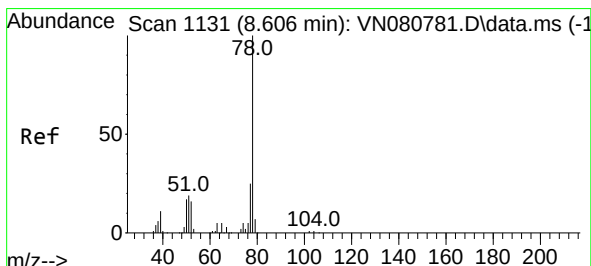
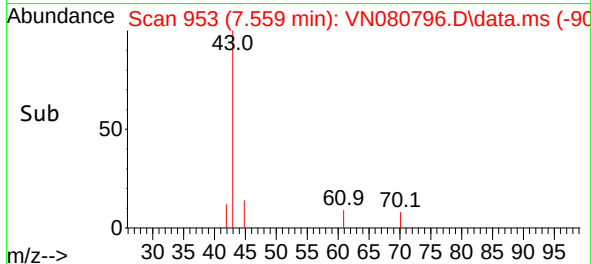
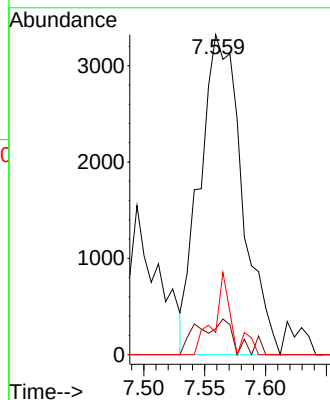
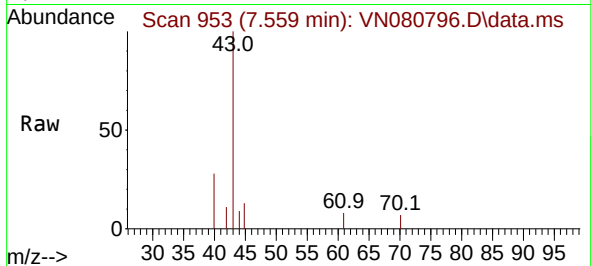
Tgt Ion: 43	Resp: 8020
Ion Ratio	Lower Upper
43 100	
61 4.9	10.6 15.8
70 10.9	8.0 12.0

Manual Integrations

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Reviewed By :John Carlone 01/30/2024

Supervised By :Mahesh Dadoda 01/30/2024



#40

Benzene

Concen: 32.112 ug/l

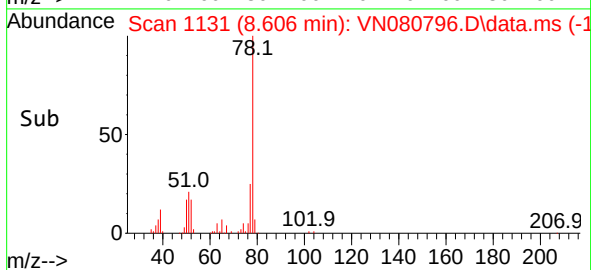
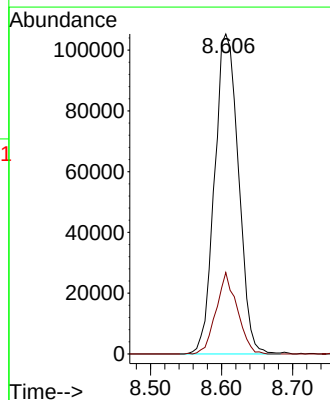
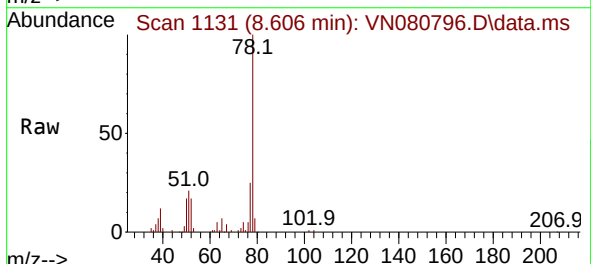
RT: 8.606 min Scan# 1131

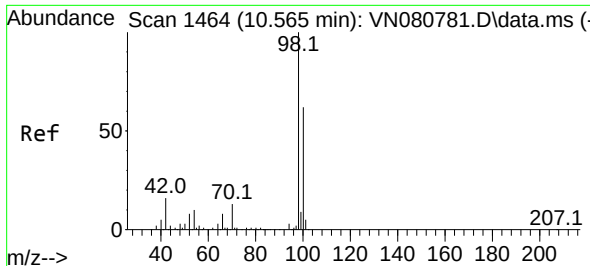
Delta R.T. 0.000 min

Lab File: VN080796.D

Acq: 29 Jan 2024 17:18

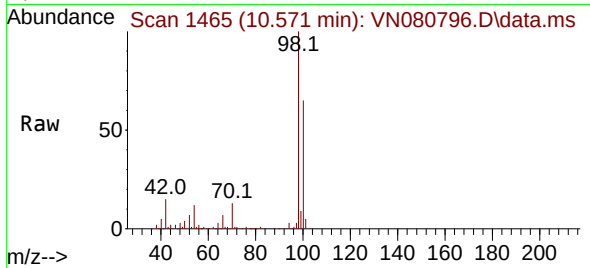
Tgt Ion: 78	Resp: 246412
Ion Ratio	Lower Upper
78 100	
77 25.5	20.4 30.6





#50
Toluene-d8
Concen: 49.225 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

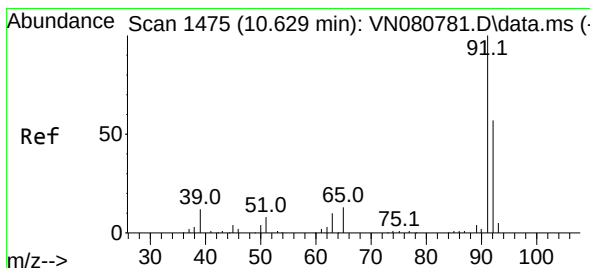
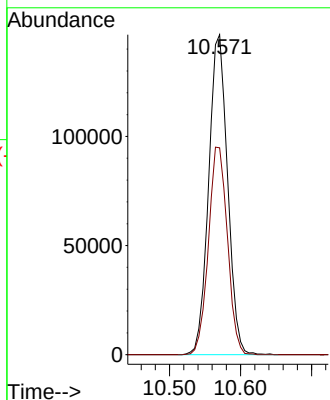
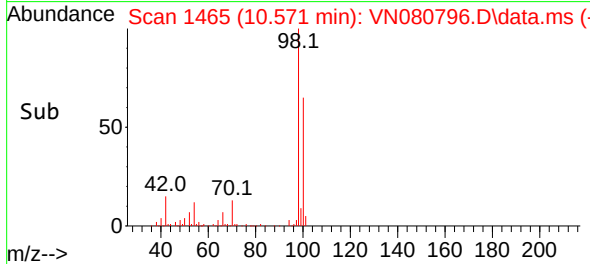
Instrument :
MSVOA_N
ClientSampleId :
50234DL



Tgt Ion: 98 Resp: 270632
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0

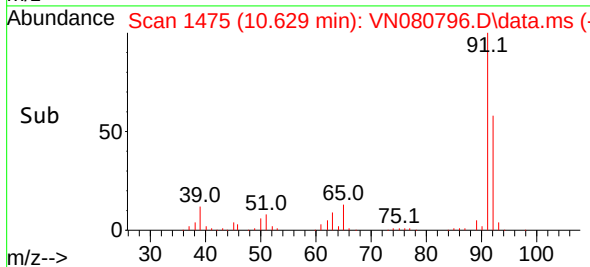
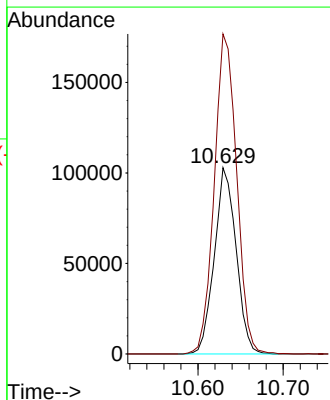
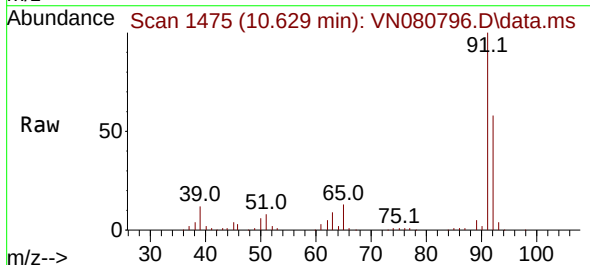
Manual Integrations
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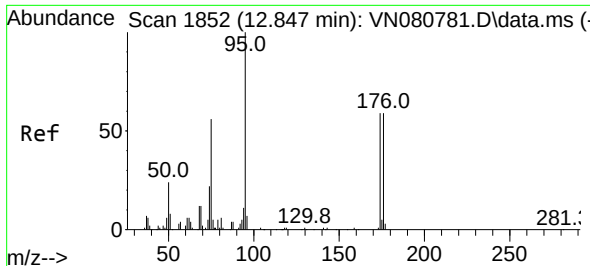
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#52
Toluene
Concen: 41.497 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

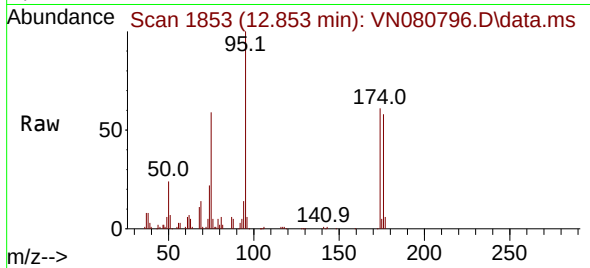
Tgt Ion: 92 Resp: 182576
Ion Ratio Lower Upper
92 100
91 176.8 139.4 209.0





#62
4-Bromofluorobenzene
Concen: 54.339 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

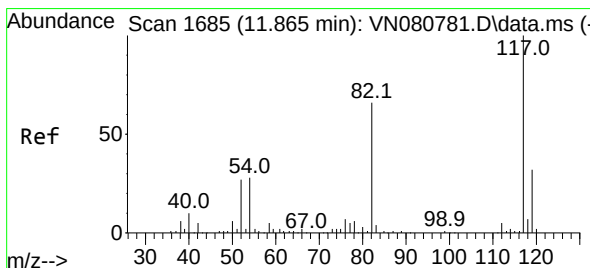
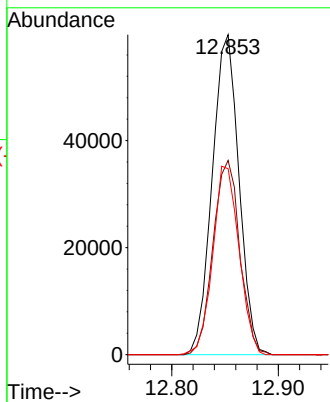
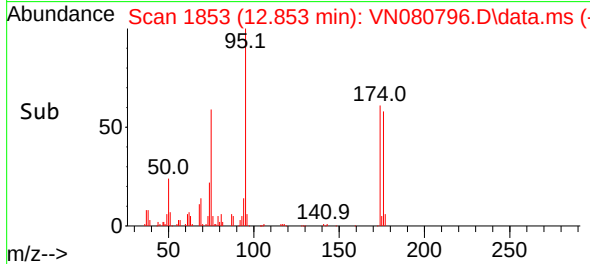
Instrument :
MSVOA_N
ClientSampleId :
50234DL



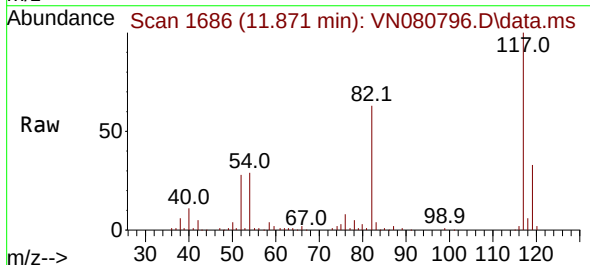
Tgt Ion: 95 Resp: 10410
Ion Ratio Lower Upper
95 100
174 60.8 0.0 120.4
176 57.9 0.0 121.0

Manual Integrations
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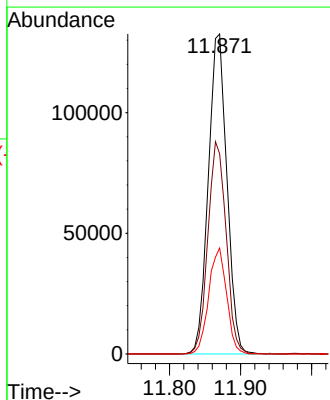
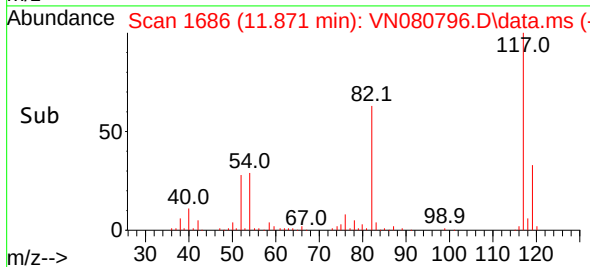
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

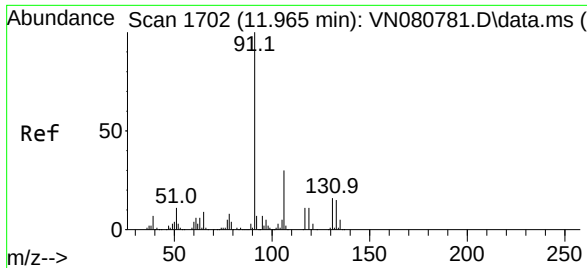


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18



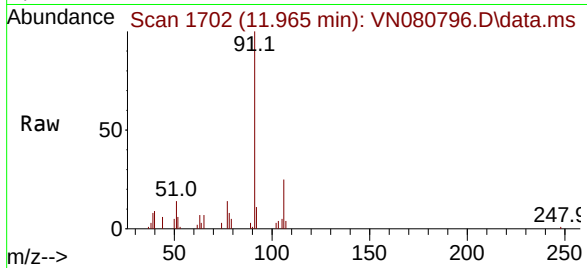
Tgt Ion:117 Resp: 241341
Ion Ratio Lower Upper
117 100
82 62.5 52.7 79.1
119 33.1 25.3 37.9





#67
Ethyl Benzene
Concen: 1.968 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

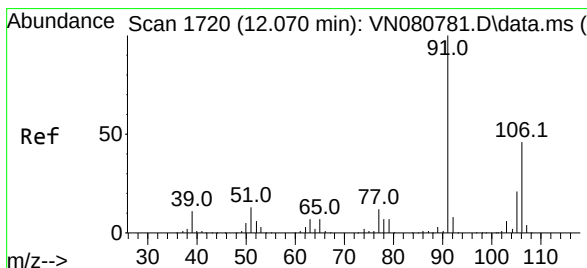
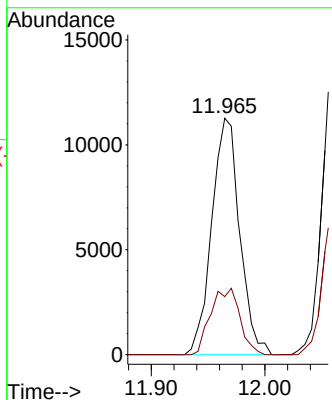
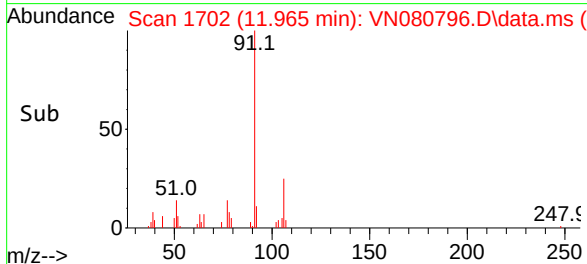
Instrument :
MSVOA_N
ClientSampleId :
50234DL



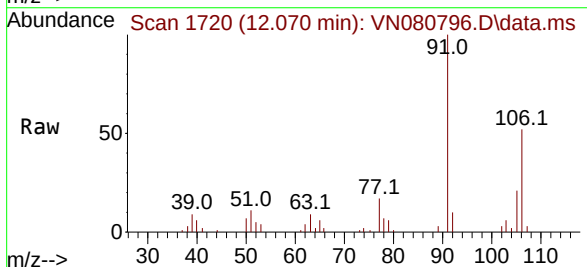
Tgt Ion: 91 Resp: 19270
Ion Ratio Lower Upper
91 100
106 24.5 23.8 35.6

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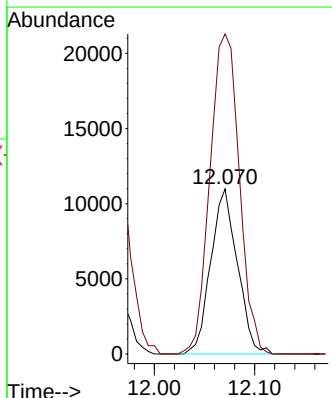
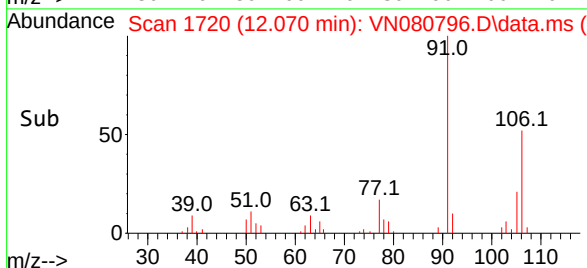
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024

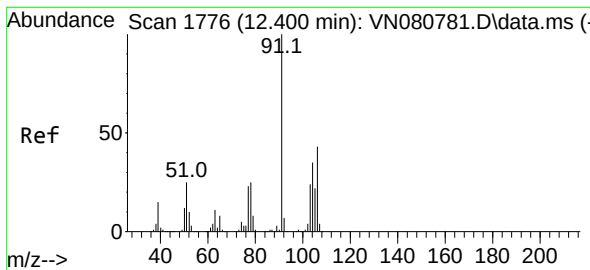


#68
m/p-Xylenes
Concen: 5.833 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18



Tgt Ion:106 Resp: 20278
Ion Ratio Lower Upper
106 100
91 213.3 169.0 253.6





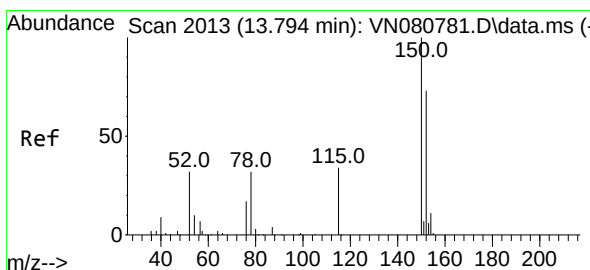
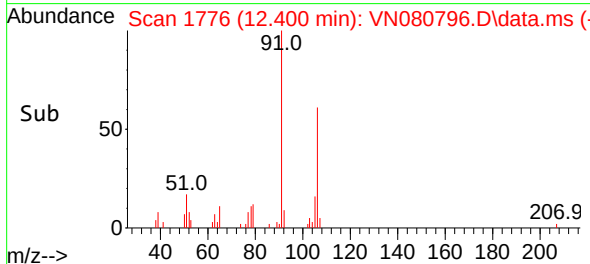
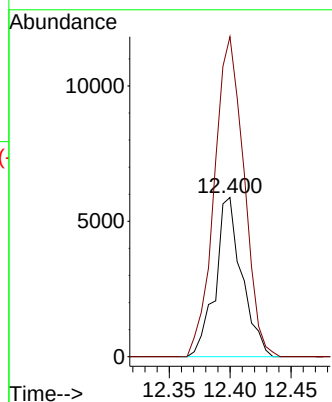
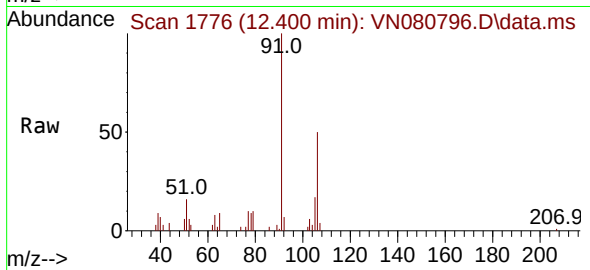
#69
o-Xylene
Concen: 2.576 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

Instrument :
MSVOA_N
ClientSampleId :
50234DL

Tgt Ion:106 Resp: 8900
Ion Ratio Lower Upper
106 100
91 224.9 112.1 336.3

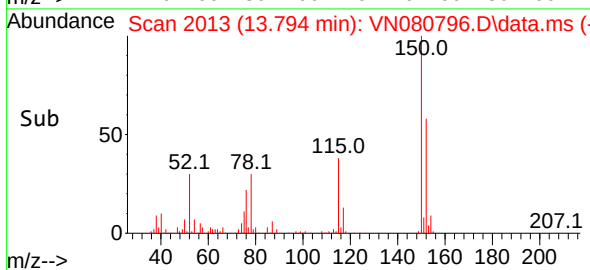
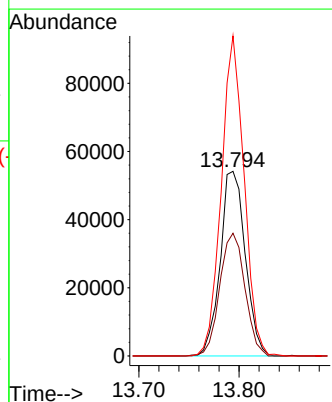
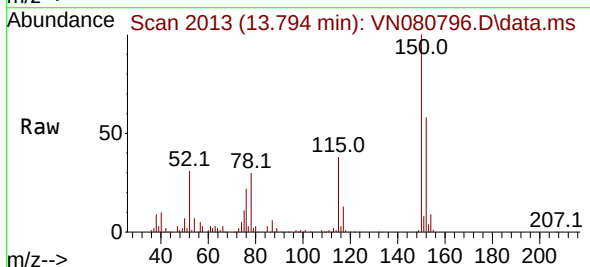
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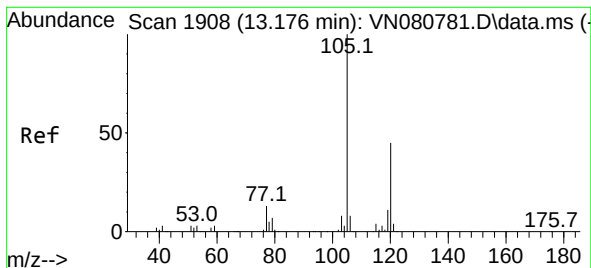
Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

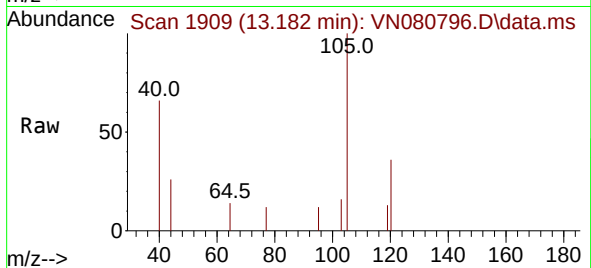
Tgt Ion:152 Resp: 93786
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 157.6 0.0 339.8





#80
1,3,5-Trimethylbenzene
Concen: 0.263 ug/l
RT: 13.182 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

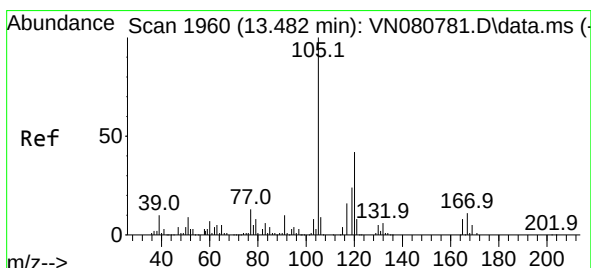
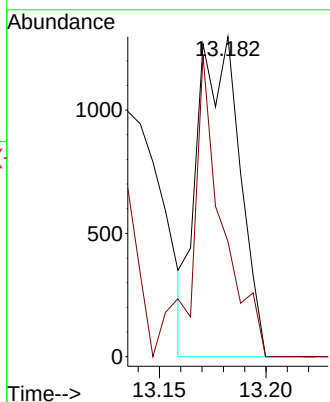
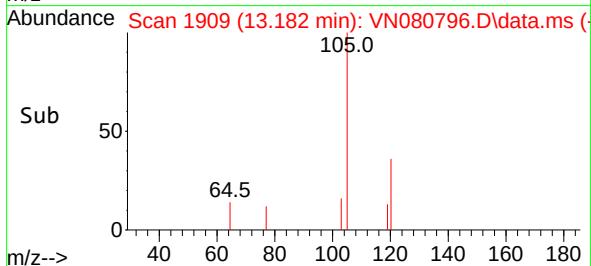
Instrument :
MSVOA_N
ClientSampleId :
50234DL



Tgt Ion:105 Resp: 1798
Ion Ratio Lower Upper
105 100
120 65.8 23.0 69.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2024
Supervised By :Mahesh Dadoda 01/30/2024



#84
1,2,4-Trimethylbenzene
Concen: 1.001 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080796.D
Acq: 29 Jan 2024 17:18

Tgt Ion:105 Resp: 6940
Ion Ratio Lower Upper
105 100
120 45.2 20.9 62.7

