

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084093.D
 Acq On : 21 Sep 2024 06:11
 Operator : JC\MD
 Sample : P4123-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 910-A

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 21 06:49:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	273271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95665	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	122222	51.818	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	8.165	113	87602	50.074	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.140%			
50) Toluene-d8	10.565	98	325986	53.900	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.800%			
62) 4-Bromofluorobenzene	12.847	95	114608	45.931	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.860%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.524	59	13019	41.219	ug/l #	92
16) Acetone	4.436	43	25177	26.627	ug/l	97
25) 2-Butanone	7.494	43	5886	4.736	ug/l	95
40) Benzene	8.606	78	3156	0.398	ug/l	92
51) 4-Methyl-2-Pentanone	10.447	43	28311	12.008	ug/l	93
52) Toluene	10.635	92	2401	0.495	ug/l	96
67) Ethyl Benzene	11.970	91	2996m	0.328	ug/l	
68) m/p-Xylenes	12.070	106	3297	0.972	ug/l	89
69) o-Xylene	12.400	106	1267	0.386	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	1818	0.290	ug/l	100

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

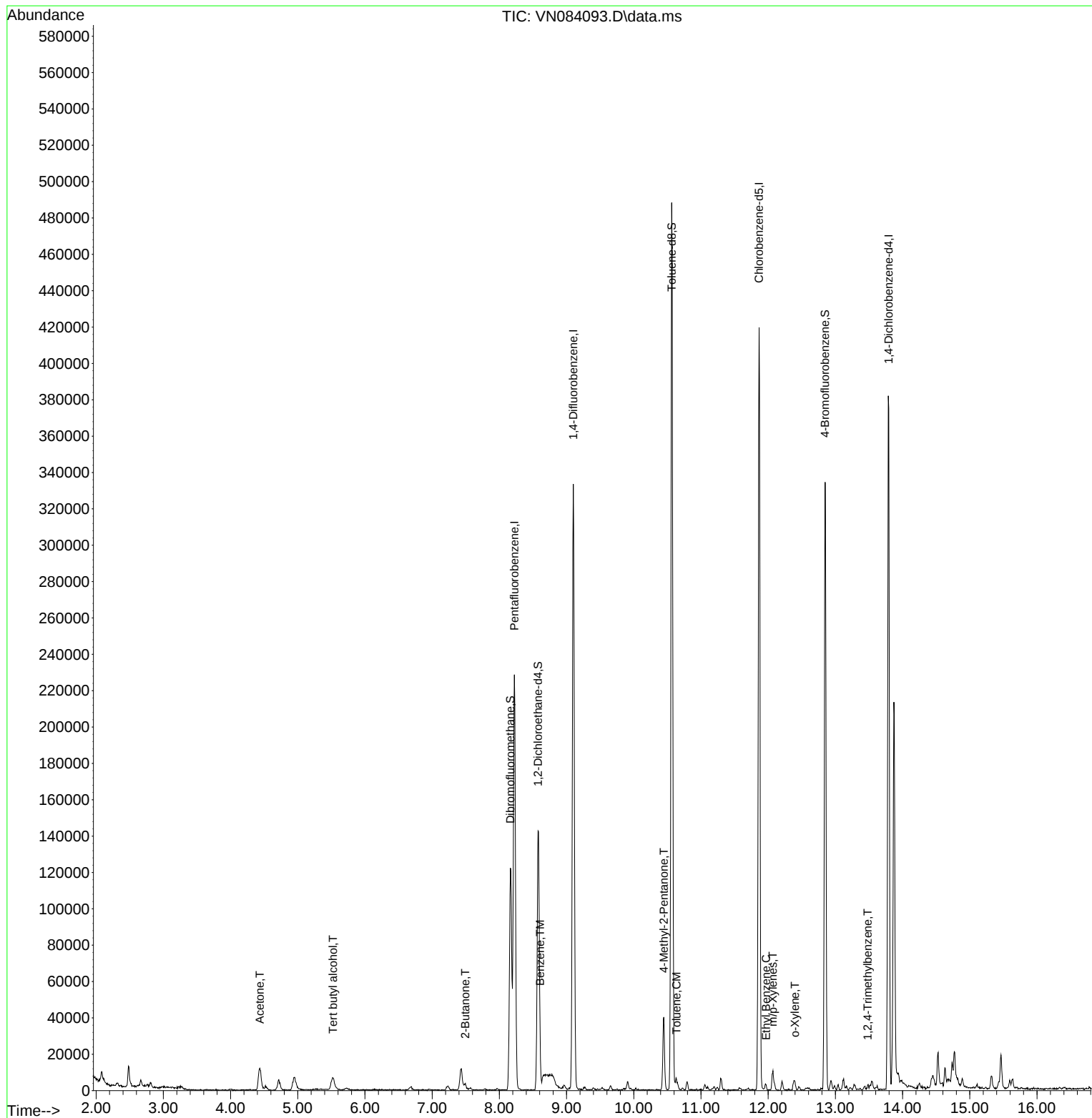
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
Data File : VN084093.D
Acq On : 21 Sep 2024 06:11
Operator : JC\MD
Sample : P4123-04
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ALS Vial : 42 Sample Multiplier: 1

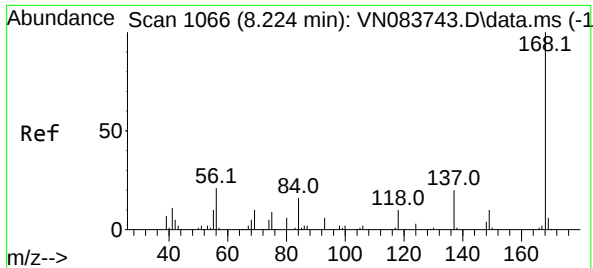
Instrument :
MSVOA_N
ClientSampleId :
910-A

Quant Time: Sep 21 06:49:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

Manual Integrations
APPROVED

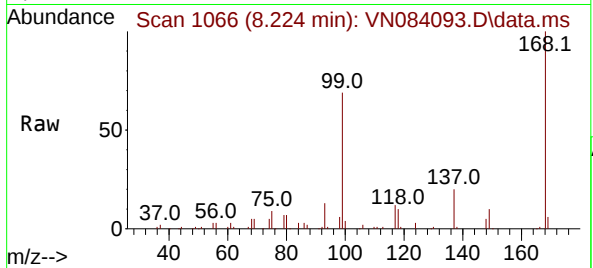
Reviewed By : John Carlone 09/23/2024
Supervised By : Mahesh Dadoda 09/23/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

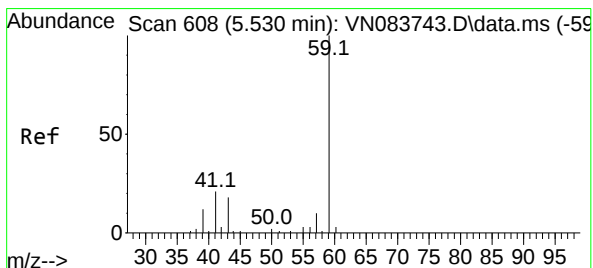
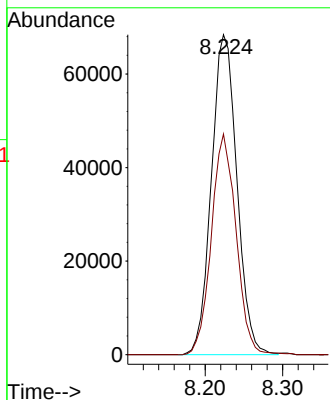
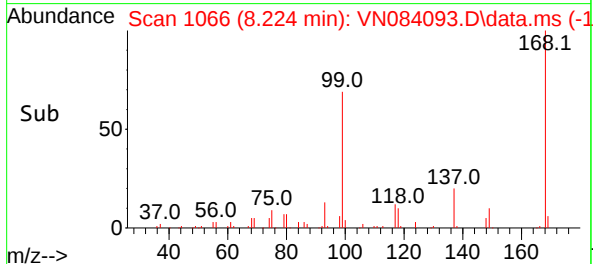
Instrument :
MSVOA_N
ClientSampleId :
910-A



Tgt Ion:168 Resp: 156429
Ion Ratio Lower Upper
168 100
99 68.9 54.2 81.2

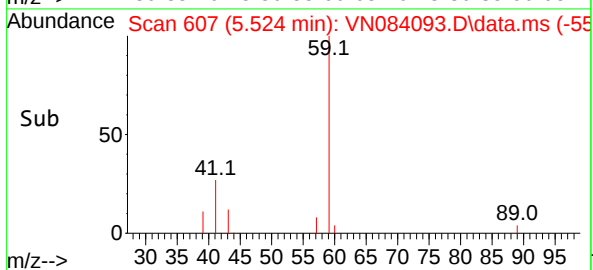
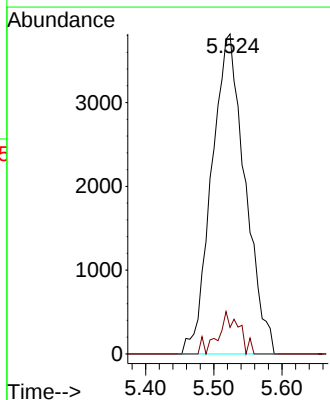
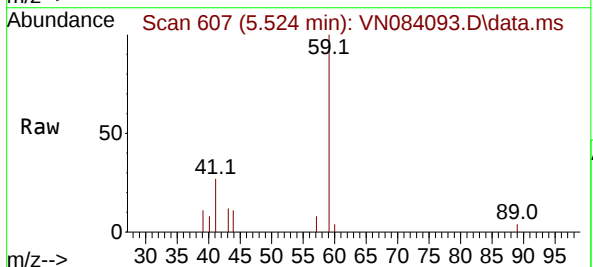
Manual Integrations
APPROVED

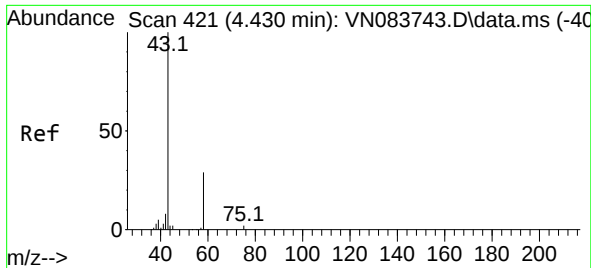
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#11
Tert butyl alcohol
Concen: 41.219 ug/l
RT: 5.524 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

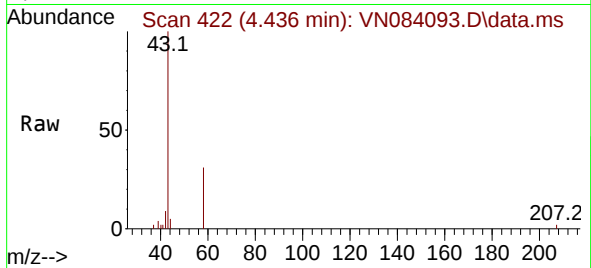
Tgt Ion: 59 Resp: 13019
Ion Ratio Lower Upper
59 100
57 7.8 8.7 13.1#





#16
Acetone
Concen: 26.627 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

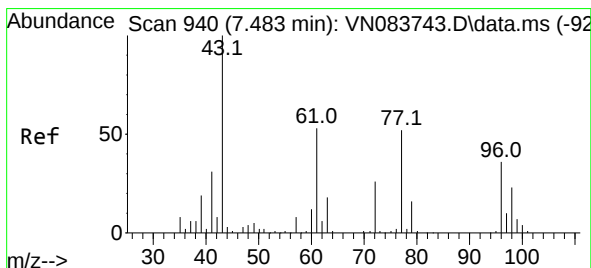
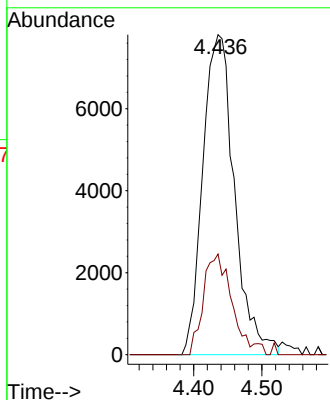
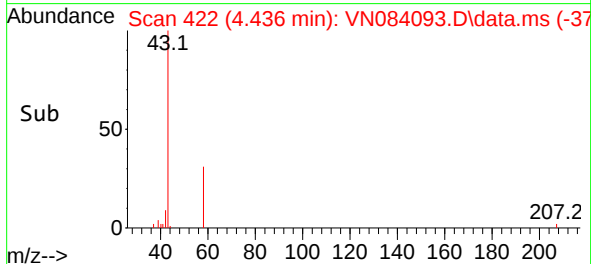
Instrument :
MSVOA_N
ClientSampleId :
910-A



Tgt Ion: 43 Resp: 2517
Ion Ratio Lower Upper
43 100
58 31.5 23.7 35.5

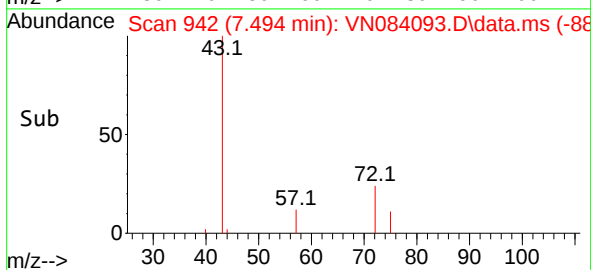
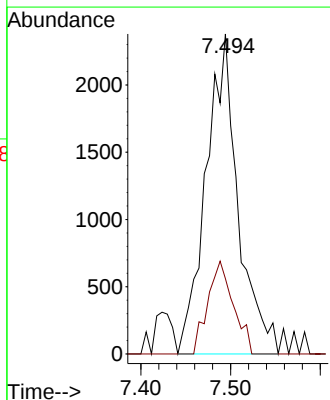
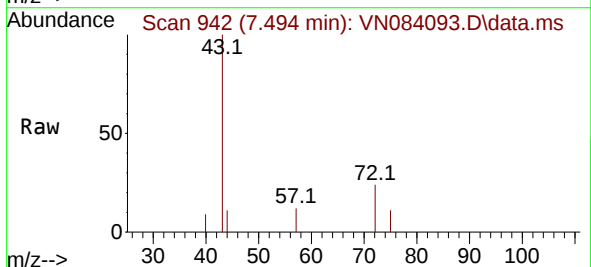
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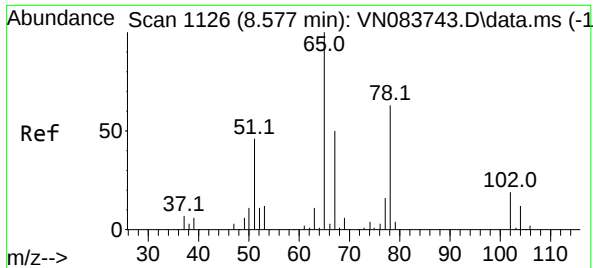
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#25
2-Butanone
Concen: 4.736 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

Tgt Ion: 43 Resp: 5886
Ion Ratio Lower Upper
43 100
72 23.6 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 51.818 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084093.D

Acq: 21 Sep 2024 06:11

Instrument :

MSVOA_N

ClientSampleId :

910-A

Tgt Ion: 65 Resp: 12222

Ion Ratio Lower Upper

65 100

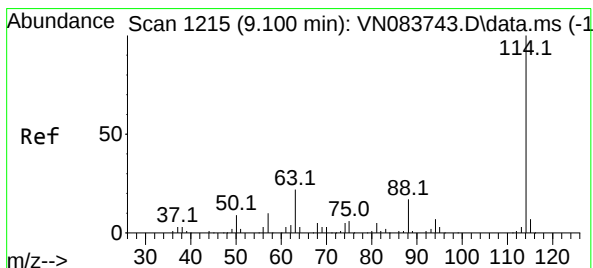
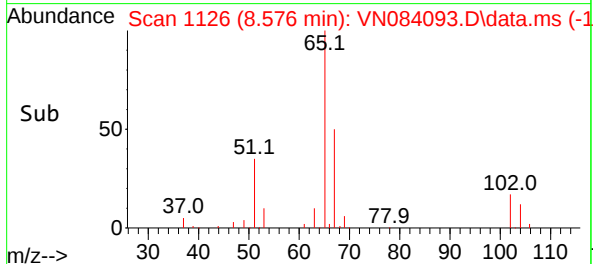
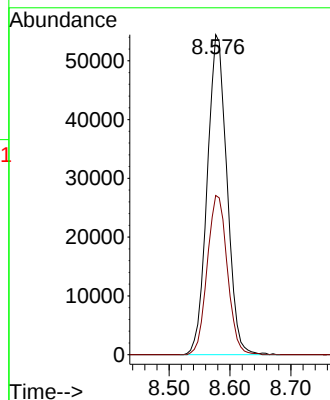
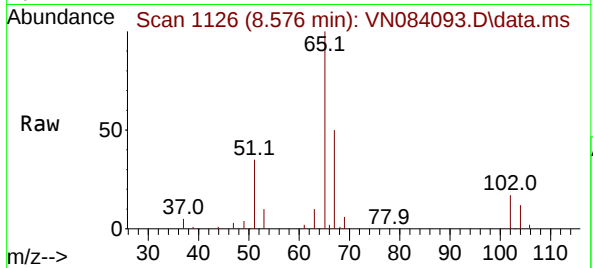
67 50.7 0.0 100.8

Manual Integrations

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Reviewed By :John Carlone 09/23/2024

Supervised By :Mahesh Dadoda 09/23/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084093.D

Acq: 21 Sep 2024 06:11

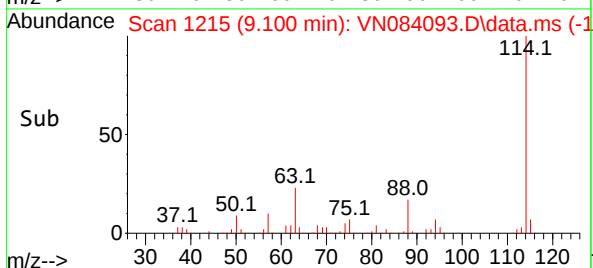
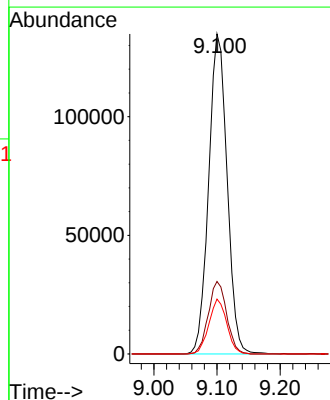
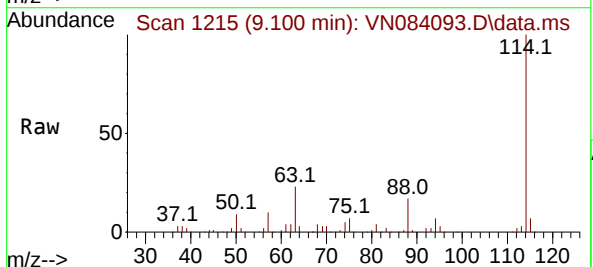
Tgt Ion:114 Resp: 273271

Ion Ratio Lower Upper

114 100

63 22.6 0.0 43.4

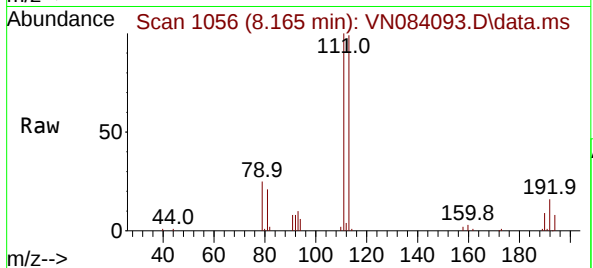
88 17.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 50.074 ug/l
RT: 8.165 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

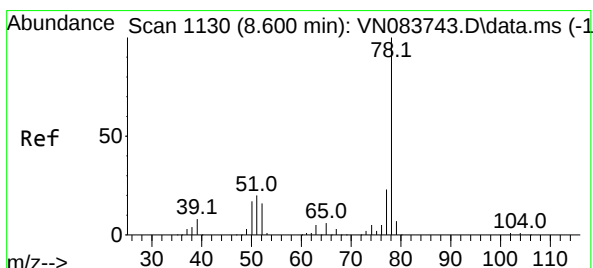
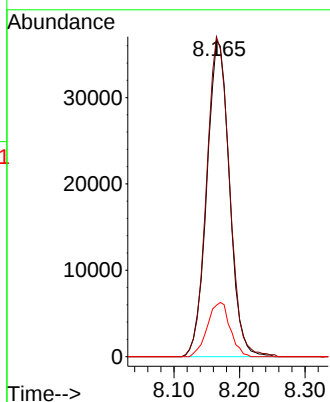
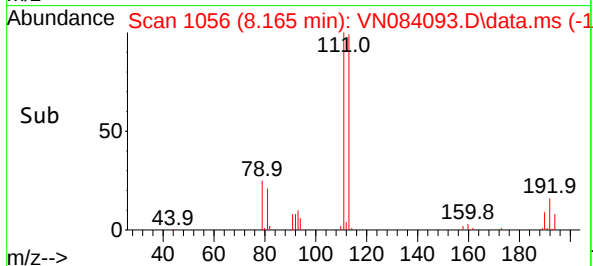
Instrument :
MSVOA_N
ClientSampleId :
910-A



Tgt Ion: 113 Resp: 87602
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 17.2 14.3 21.5

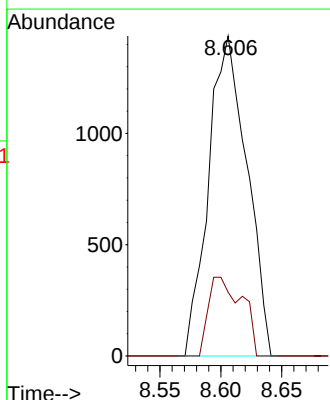
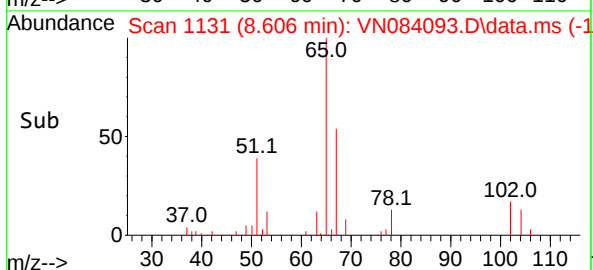
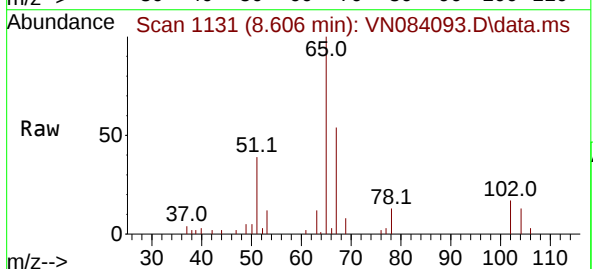
Manual Integrations
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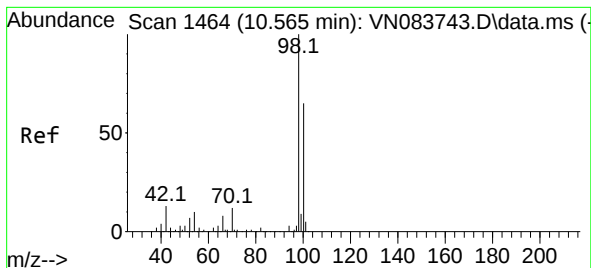
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#40
Benzene
Concen: 0.398 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

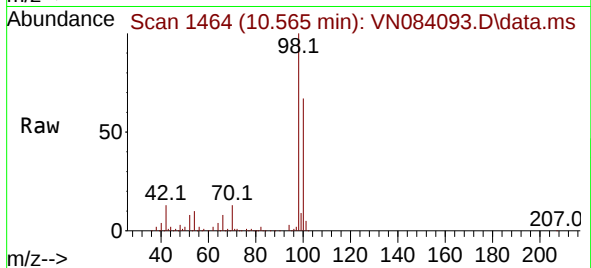
Tgt Ion: 78 Resp: 3156
Ion Ratio Lower Upper
78 100
77 19.9 19.0 28.6





#50
Toluene-d8
Concen: 53.900 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

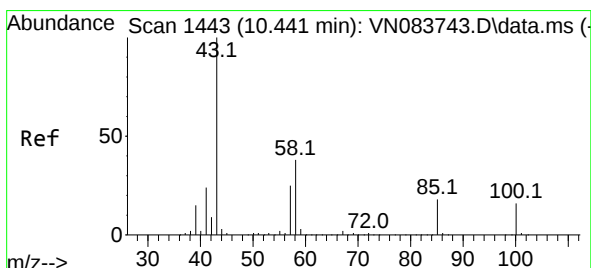
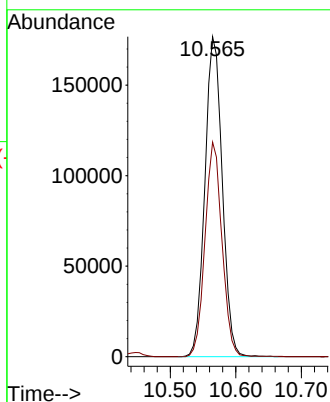
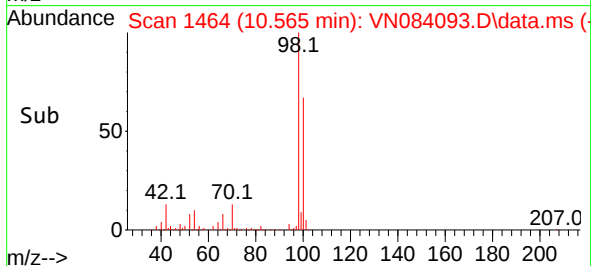
Instrument :
MSVOA_N
ClientSampleId :
910-A



Tgt Ion: 98 Resp: 325980
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0

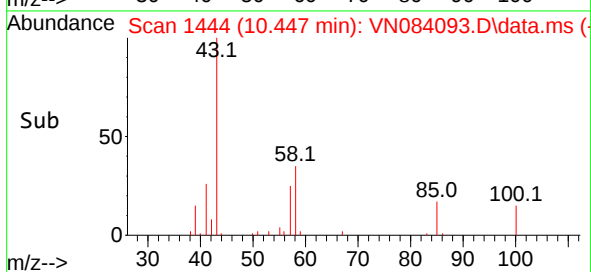
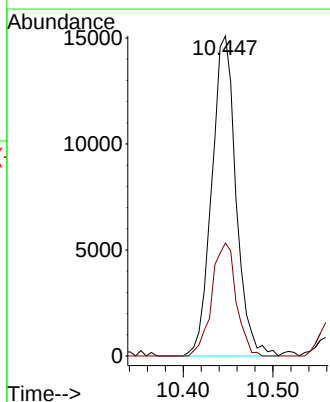
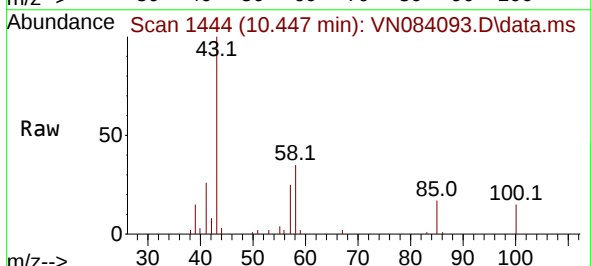
Manual Integrations
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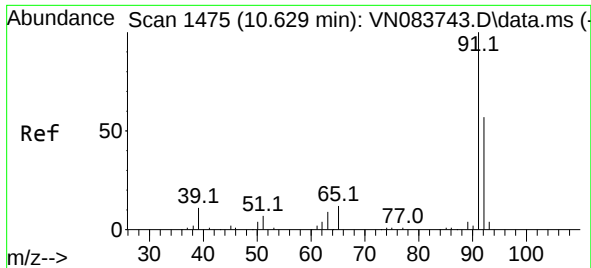
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#51
4-Methyl-2-Pentanone
Concen: 12.008 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

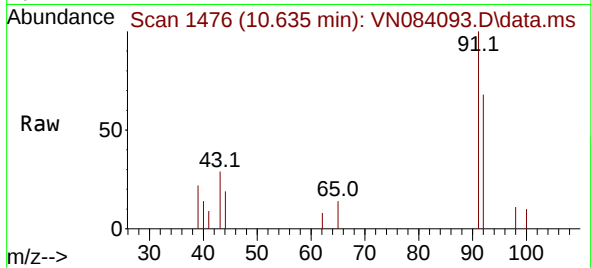
Tgt Ion: 43 Resp: 28311
Ion Ratio Lower Upper
43 100
58 35.4 31.6 47.4





#52
Toluene
Concen: 0.495 ug/l
RT: 10.635 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

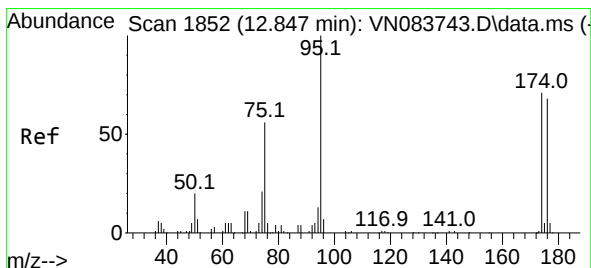
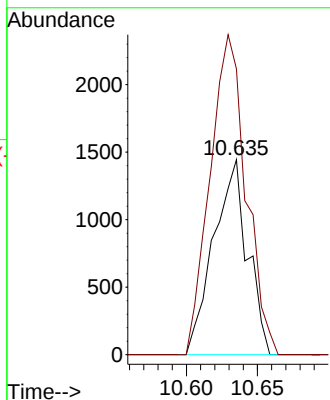
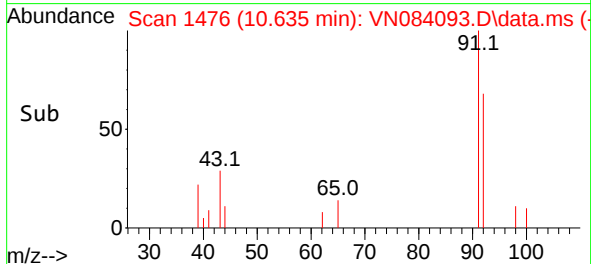
Instrument :
MSVOA_N
ClientSampleId :
910-A



Tgt Ion: 92 Resp: 240
Ion Ratio Lower Upper
92 100
91 174.4 134.7 202.1

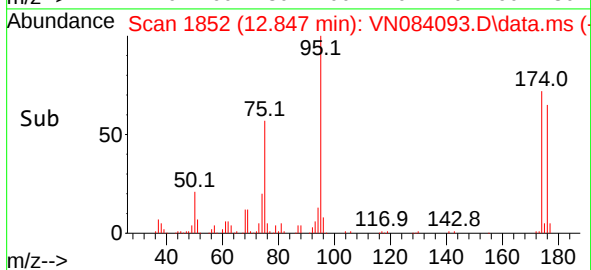
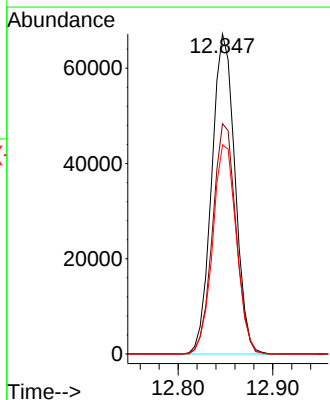
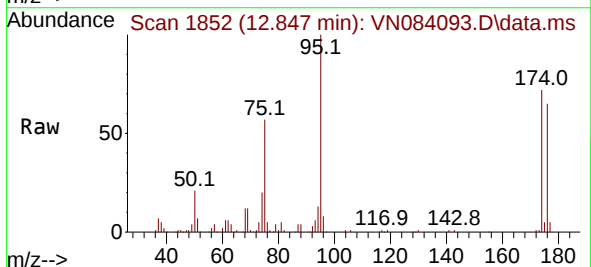
Manual Integrations
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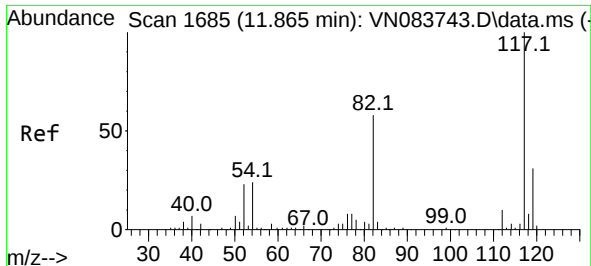
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#62
4-Bromofluorobenzene
Concen: 45.931 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

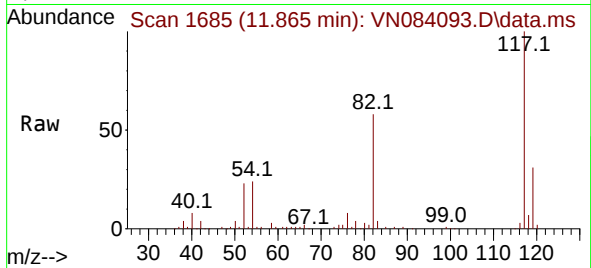
Tgt Ion: 95 Resp: 114608
Ion Ratio Lower Upper
95 100
174 72.3 0.0 139.8
176 66.8 0.0 131.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

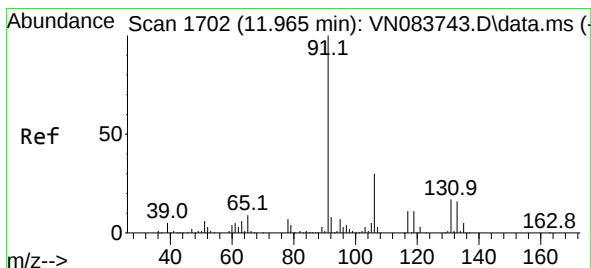
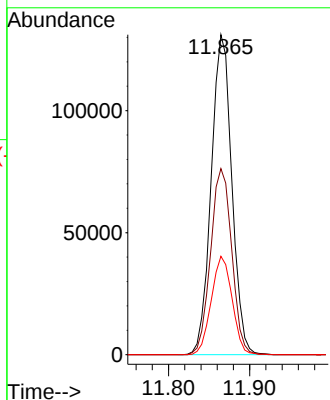
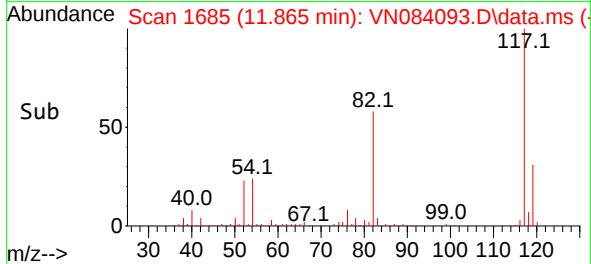
Instrument :
MSVOA_N
ClientSampleId :
910-A



Tgt Ion: 117 Resp: 23139
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.0
119 30.8 26.3 39.5

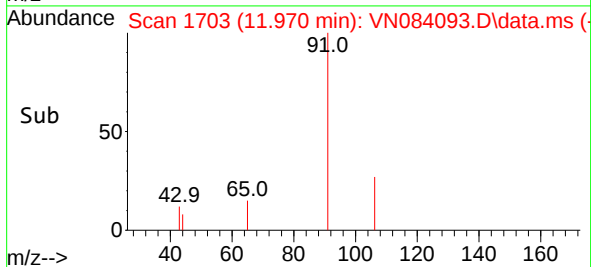
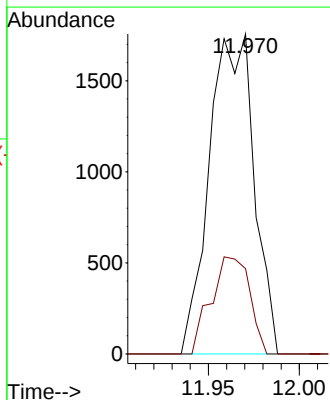
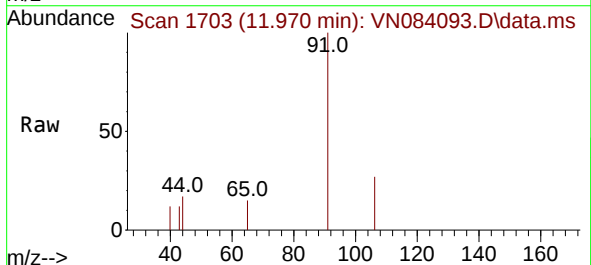
Manual Integrations
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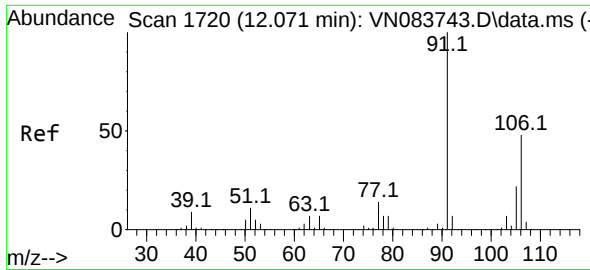
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#67
Ethyl Benzene
Concen: 0.328 ug/l m
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

Tgt Ion: 91 Resp: 2996
Ion Ratio Lower Upper
91 100
106 26.6 24.3 36.5





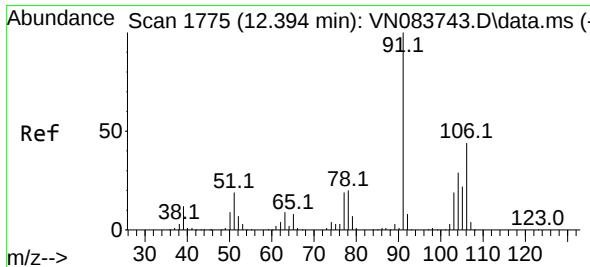
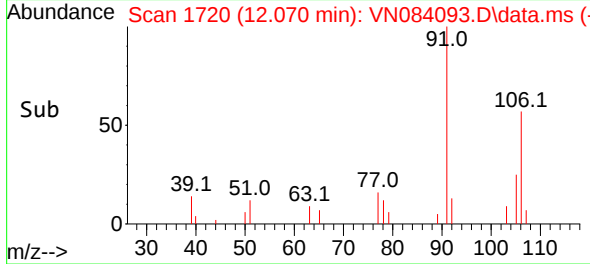
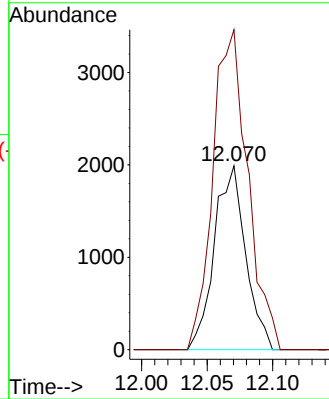
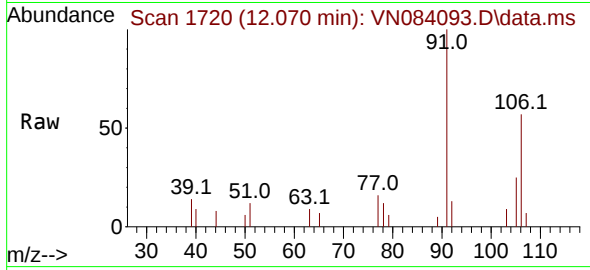
#68
m/p-Xylenes
Concen: 0.972 ug/l
RT: 12.070 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

Instrument :
MSVOA_N
ClientSampleId :
910-A

Tgt Ion:106 Resp: 329
Ion Ratio Lower Upper
106 100
91 194.1 169.2 253.8

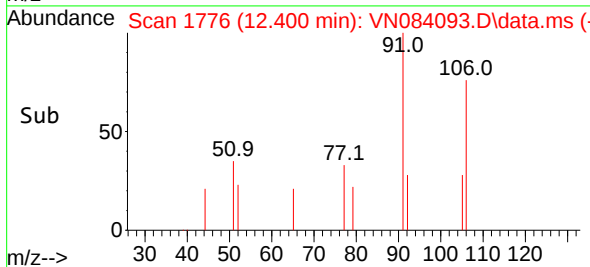
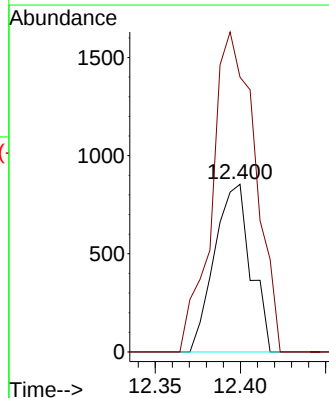
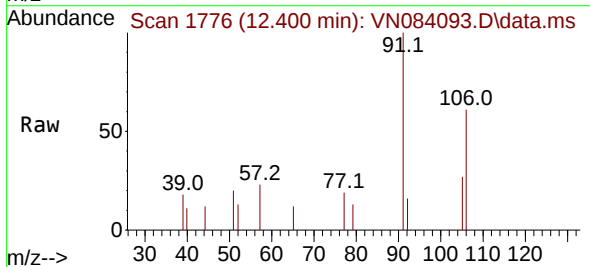
Manual Integrations
APPROVED

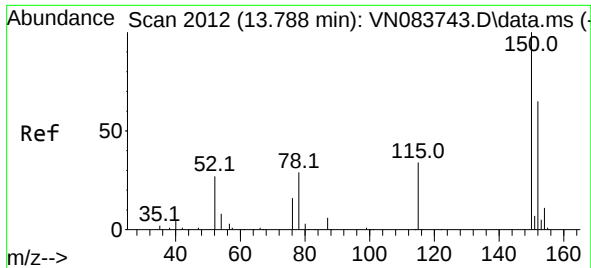
Reviewed By :John Carlone 09/23/2024
Supervised By :Mahesh Dadoda 09/23/2024



#69
o-Xylene
Concen: 0.386 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN084093.D
Acq: 21 Sep 2024 06:11

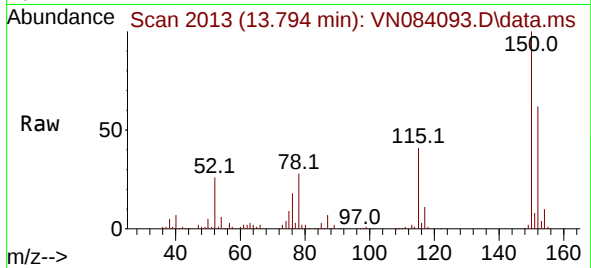
Tgt Ion:106 Resp: 1267
Ion Ratio Lower Upper
106 100
91 226.3 112.9 338.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2012
 Delta R.T. 0.006 min
 Lab File: VN084093.D
 Acq: 21 Sep 2024 06:11

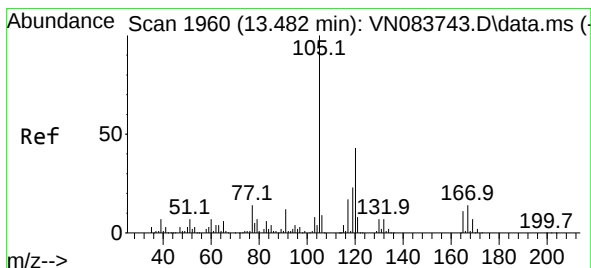
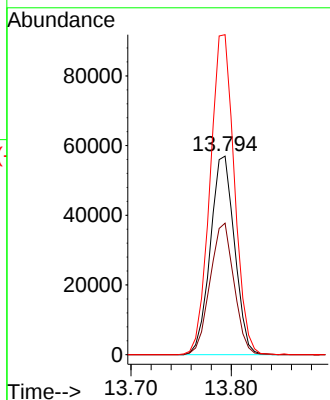
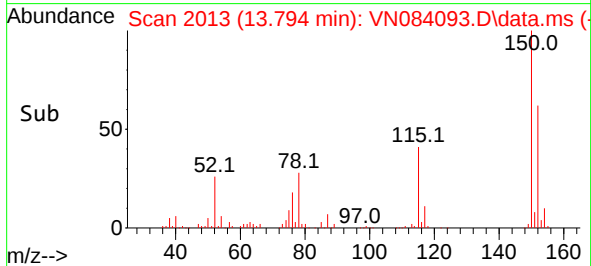
Instrument :
 MSVOA_N
 ClientSampleId :
 910-A



Tgt Ion:152 Resp: 9566
 Ion Ratio Lower Upper
 152 100
 115 65.5 32.2 96.6
 150 161.8 0.0 348.6

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/23/2024
 Supervised By :Mahesh Dadoda 09/23/2024



#84
 1,2,4-Trimethylbenzene
 Concen: 0.290 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN084093.D
 Acq: 21 Sep 2024 06:11

Tgt Ion:105 Resp: 1818
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.4

