

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
 Data File : VN076096.D
 Acq On : 04 Jan 2023 21:07
 Operator : JC\MD
 Sample : 01011-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1865

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/05/2023
 Supervised By : Mahesh Dadoda 01/05/2023

Quant Time: Jan 05 01:29:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	311082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	499825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	433826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	165375	48.866	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.740%		
35) Dibromofluoromethane	8.177	113	149400	48.266	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.540%		
50) Toluene-d8	10.570	98	572059	49.430	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.860%		
62) 4-Bromofluorobenzene	12.853	95	190283	49.641	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.280%		
Target Compounds					Qvalue	
16) Acetone	4.447	43	361021	309.457	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	20415	2.249	ug/l	91
22) Diisopropyl ether	6.694	45	3196m	0.408	ug/l	
25) 2-Butanone	7.500	43	8158	4.994	ug/l #	81
37) Ethyl Acetate	7.571	43	19253	5.829	ug/l #	88
40) Benzene	8.612	78	84352	6.649	ug/l	99
52) Toluene	10.635	92	240702	29.132	ug/l	99
67) Ethyl Benzene	11.964	91	81640	5.433	ug/l	99
68) m/p-Xylenes	12.070	106	121900	20.494	ug/l	95
69) o-Xylene	12.400	106	103048	17.507	ug/l	99
73) Isopropylbenzene	12.700	105	19266	1.234	ug/l	96
78) n-propylbenzene	13.041	91	84340	4.897	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	308670	23.618	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	1023103	78.910	ug/l	100
85) sec-Butylbenzene	13.623	105	32355	2.034	ug/l #	78
86) p-Isopropyltoluene	13.735	119	29945	2.263	ug/l	99
89) n-Butylbenzene	14.058	91	51575	4.811	ug/l #	70
95) Naphthalene	15.647	128	256068	23.003	ug/l	97

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

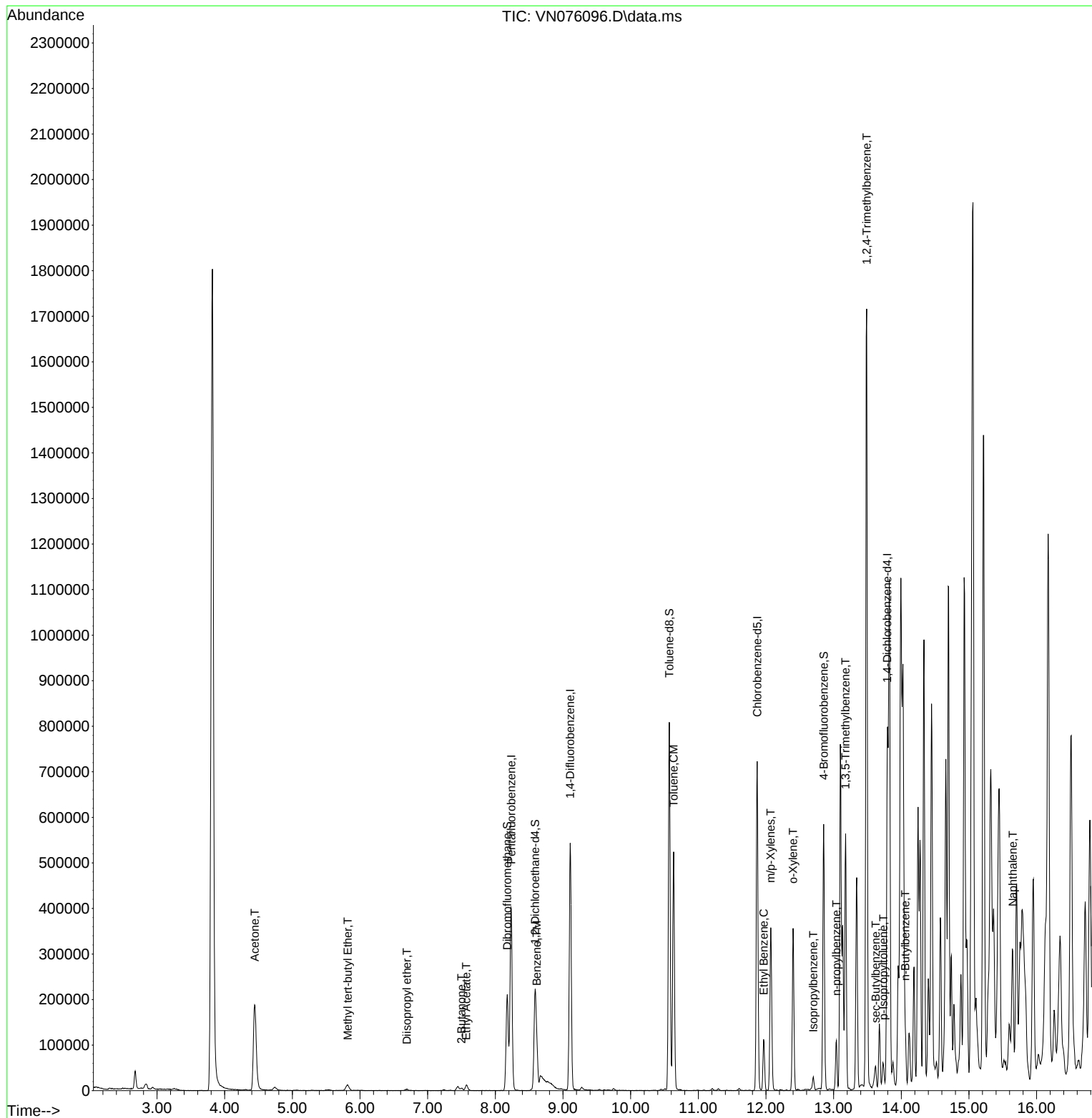
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010423\
Data File : VN076096.D
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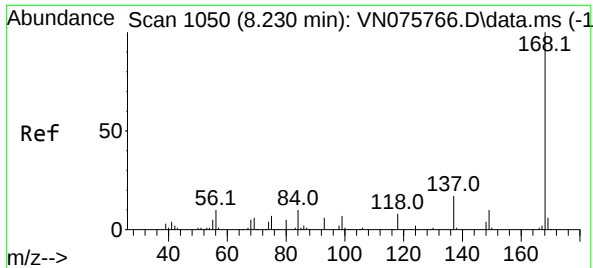
Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

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Supervised By : Mahesh Dadoda 01/05/2023

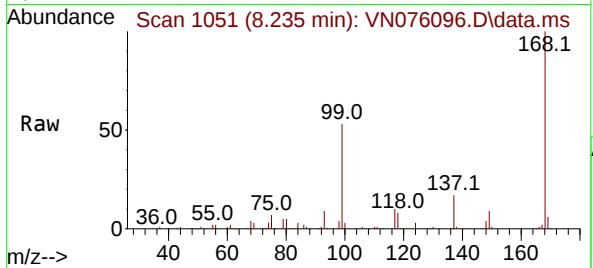
Quant Time: Jan 05 01:29:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1051
Delta R.T. 0.005 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

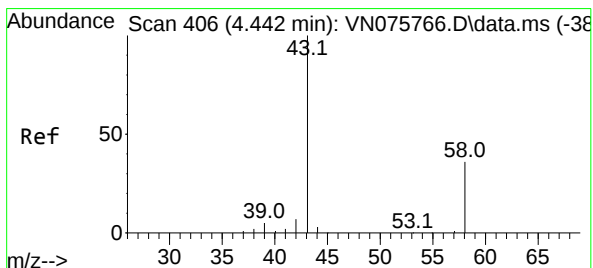
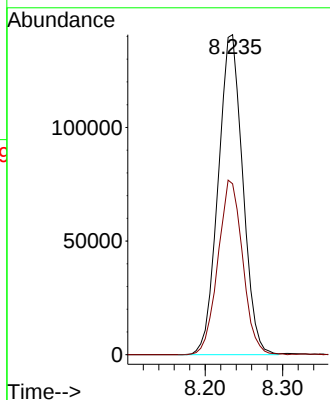
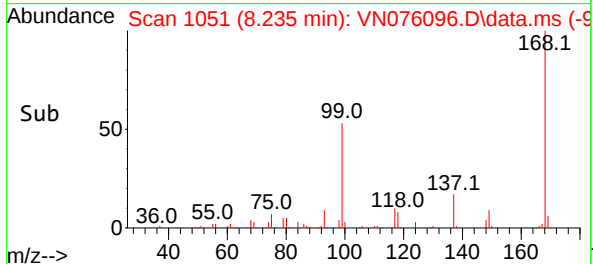
Instrument :
MSVOA_N
ClientSampleId :
NWB-1865



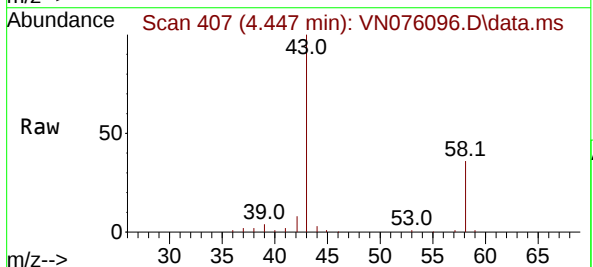
Tgt Ion:168 Resp: 31108
Ion Ratio Lower Upper
168 100
99 53.4 44.2 66.4

Manual Integrations
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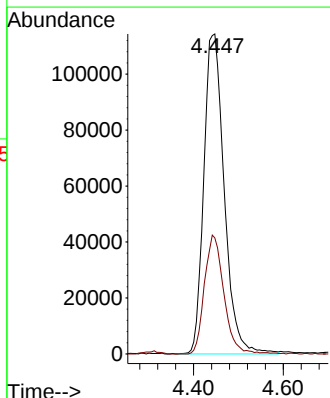
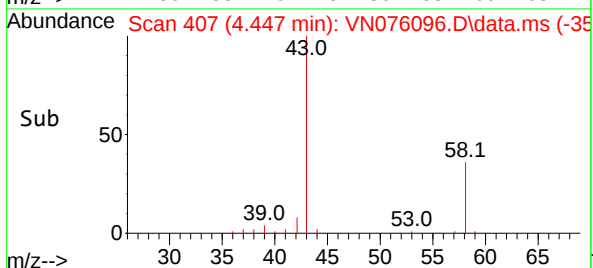
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

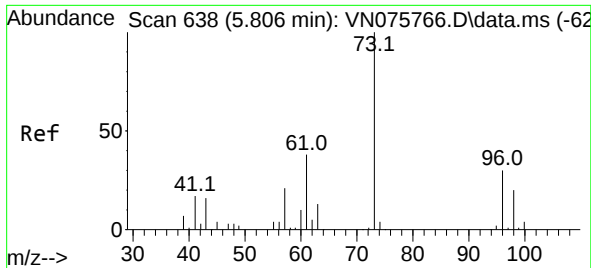


#16
Acetone
Concen: 309.457 ug/l
RT: 4.447 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07



Tgt Ion: 43 Resp: 361021
Ion Ratio Lower Upper
43 100
58 36.2 28.6 43.0





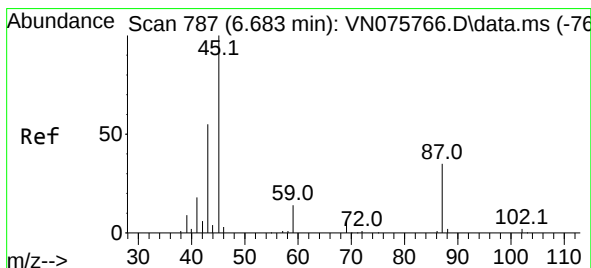
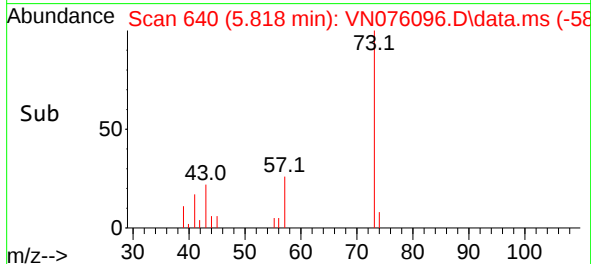
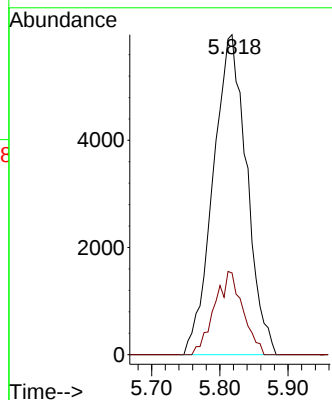
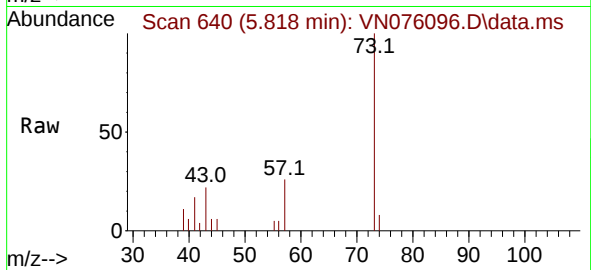
#19
Methyl tert-butyl Ether
Concen: 2.249 ug/l
RT: 5.818 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

Tgt Ion: 73 Resp: 2041
Ion Ratio Lower Upper
73 100
57 25.5 17.1 25.7

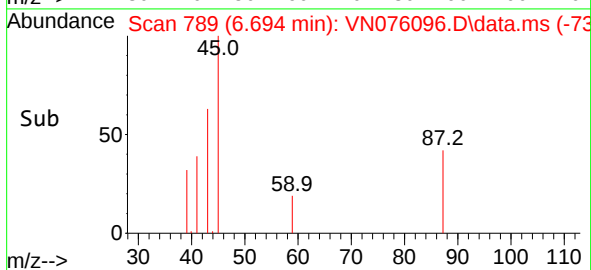
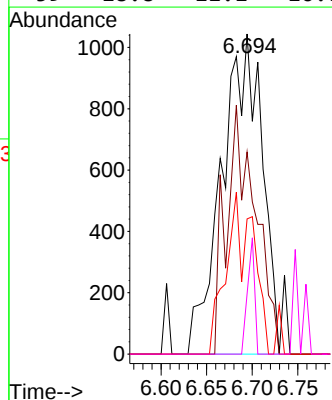
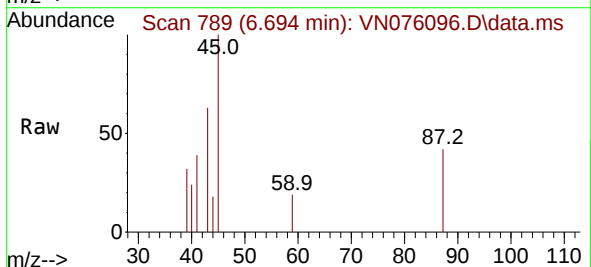
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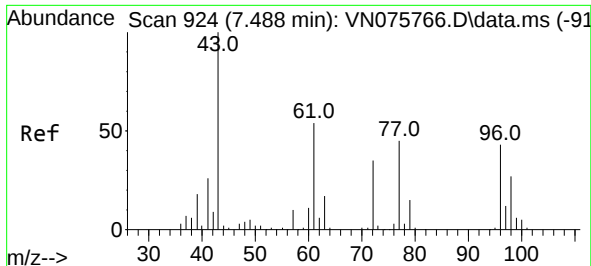
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#22
Diisopropyl ether
Concen: 0.408 ug/l m
RT: 6.694 min Scan# 789
Delta R.T. 0.012 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

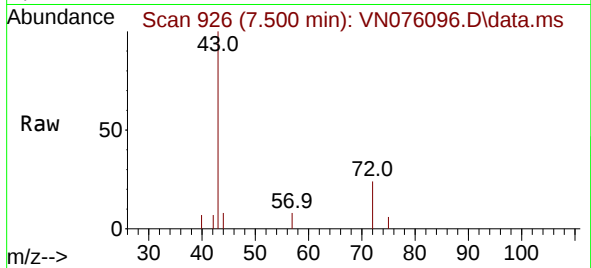
Tgt Ion: 45 Resp: 3196
Ion Ratio Lower Upper
45 100
43 63.1 44.2 66.4
87 42.2 28.3 42.5
59 18.8 11.1 16.7#





#25
2-Butanone
Concen: 4.994 ug/l
RT: 7.500 min Scan# 911
Delta R.T. 0.012 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

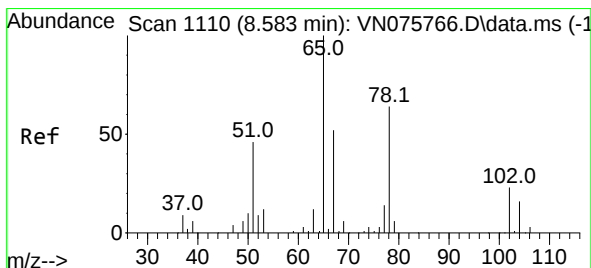
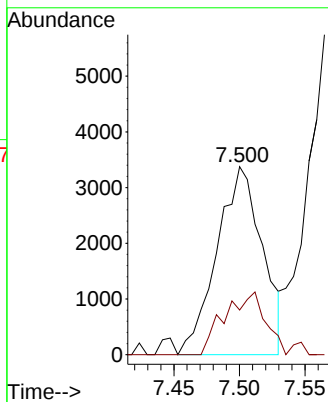
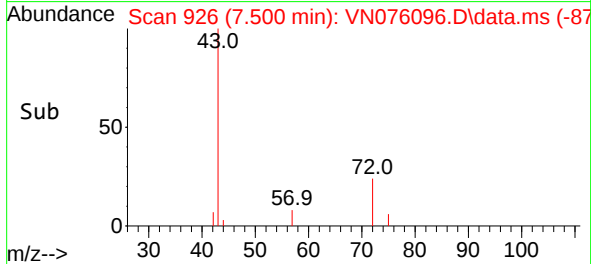
Instrument :
MSVOA_N
ClientSampleId :
NWB-1865



Tgt Ion: 43 Resp: 8158
Ion Ratio Lower Upper
43 100
72 23.8 28.0 42.0

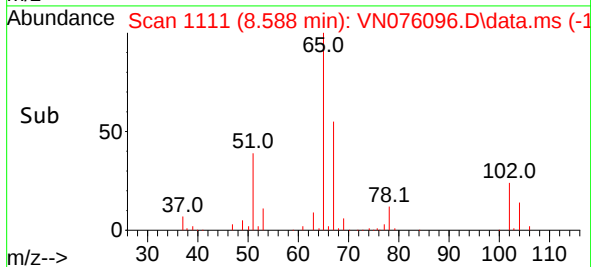
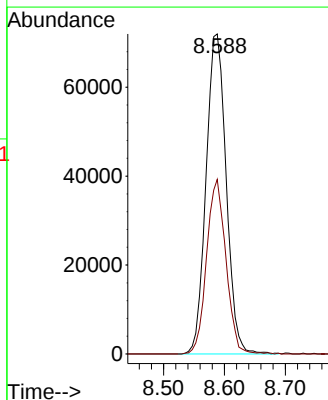
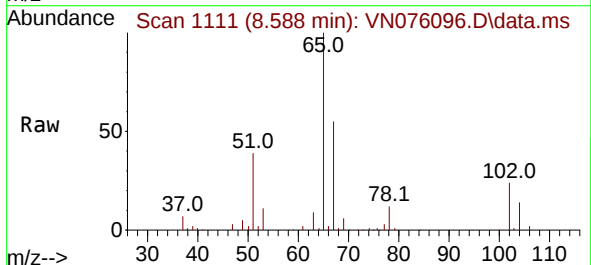
Manual Integrations
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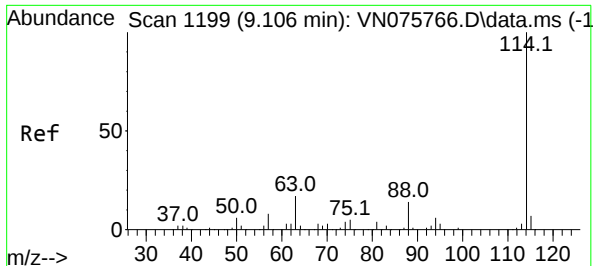
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#33
1,2-Dichloroethane-d4
Concen: 48.866 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

Tgt Ion: 65 Resp: 165375
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076096.D

Acq: 04 Jan 2023 21:07

Instrument :

MSVOA_N

ClientSampleId :

NWB-1865

Tgt Ion:114 Resp: 499825

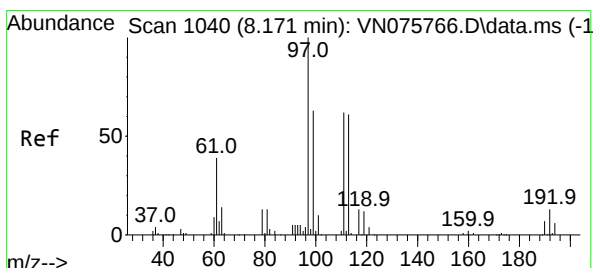
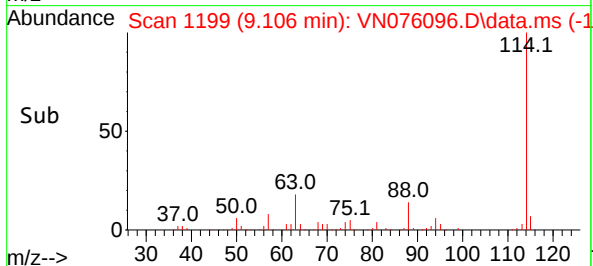
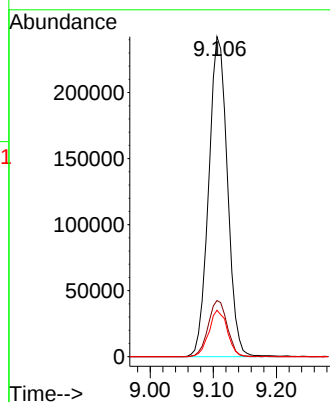
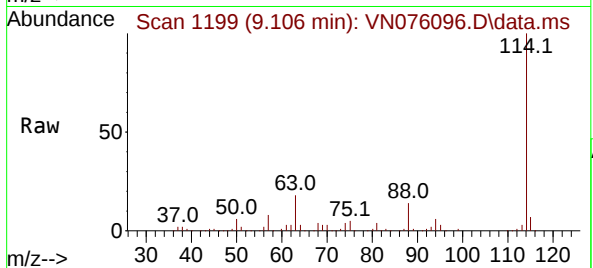
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.4
88	14.5	0.0	28.8

Manual Integrations

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Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#35

Dibromofluoromethane

Concen: 48.266 ug/l

RT: 8.177 min Scan# 1041

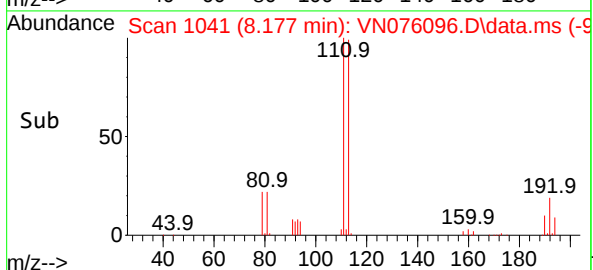
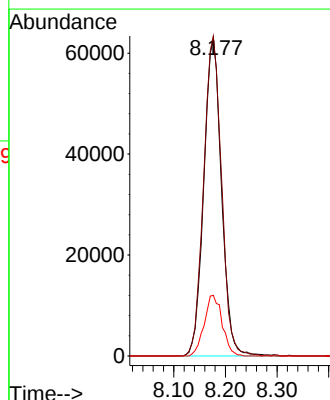
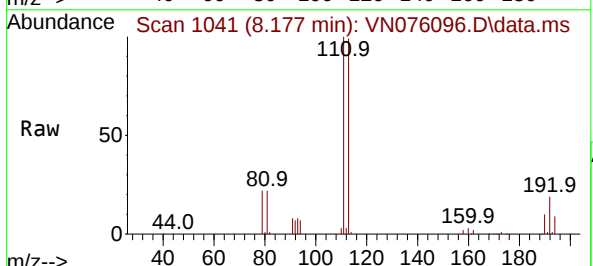
Delta R.T. 0.006 min

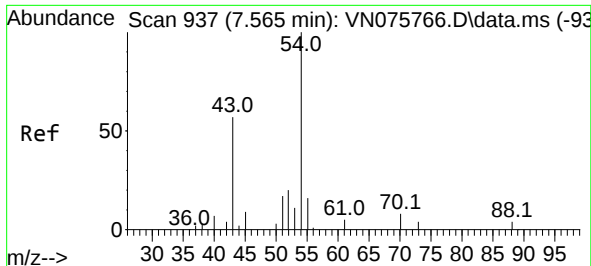
Lab File: VN076096.D

Acq: 04 Jan 2023 21:07

Tgt Ion:113 Resp: 149400

Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.4	125.2
192	19.4	16.1	24.1





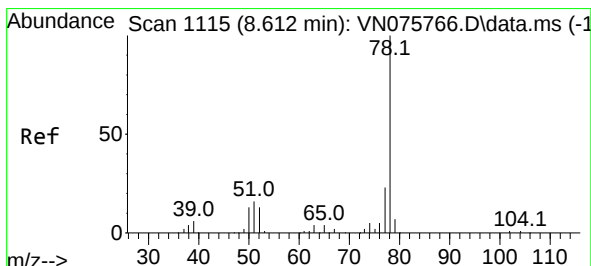
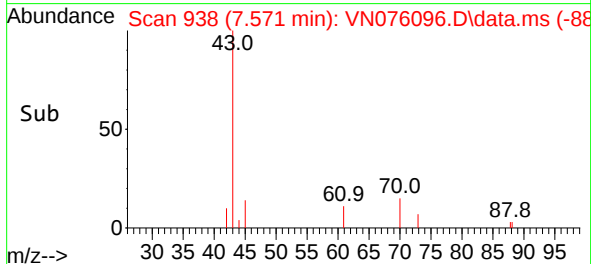
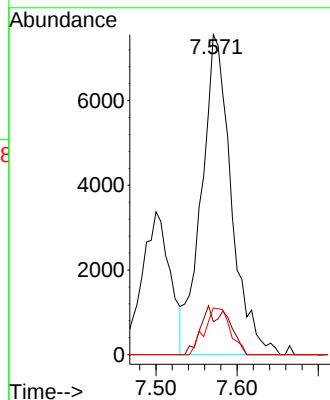
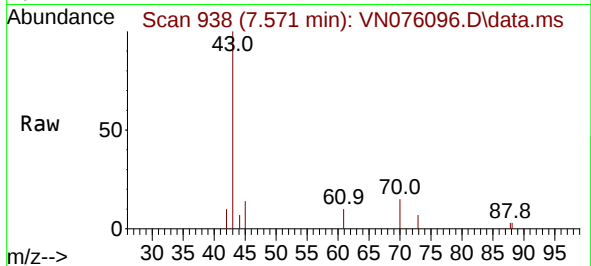
#37
Ethyl Acetate
Concen: 5.829 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
61 8.4 13.0 19.4
70 12.7 9.4 14.0

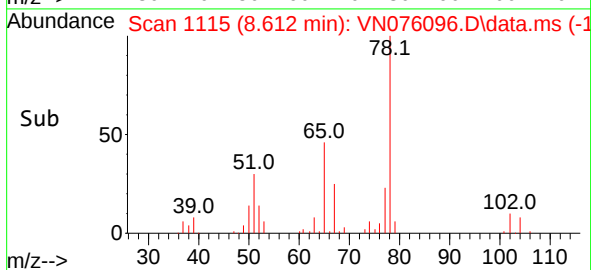
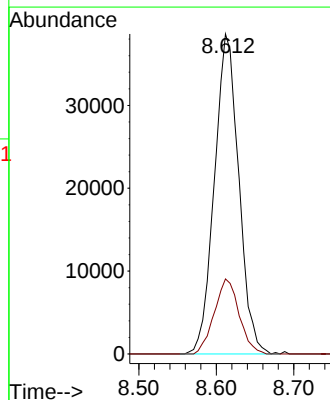
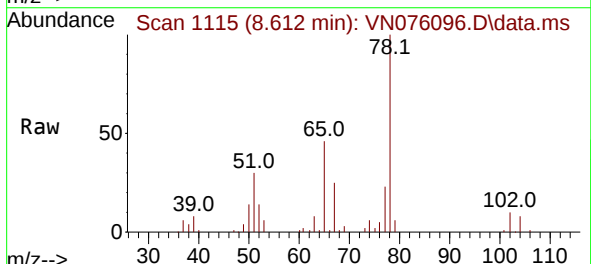
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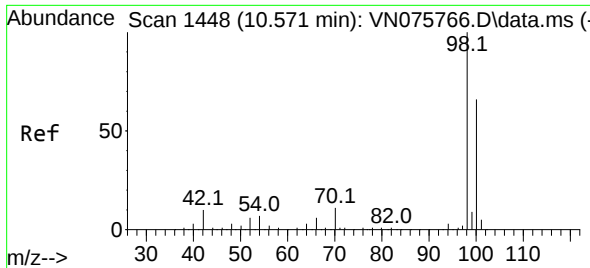
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#40
Benzene
Concen: 6.649 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

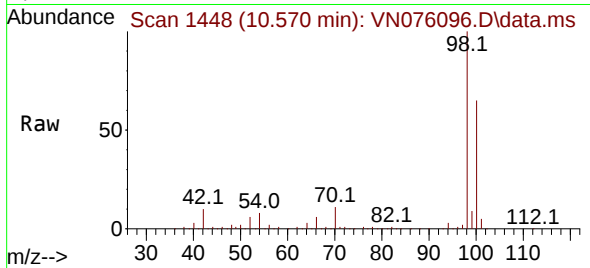
Tgt Ion: 78 Resp: 84352
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7





#50
Toluene-d8
Concen: 49.430 ug/l
RT: 10.570 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

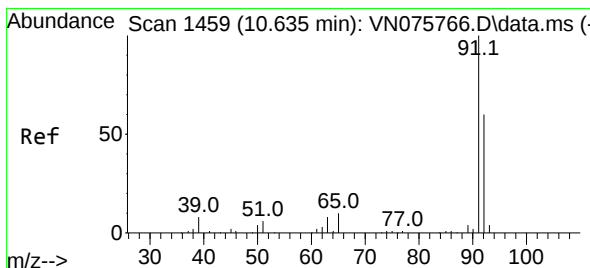
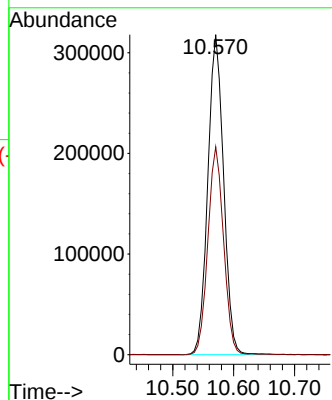
Instrument :
MSVOA_N
ClientSampleId :
NWB-1865



Tgt Ion: 98 Resp: 572059
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1

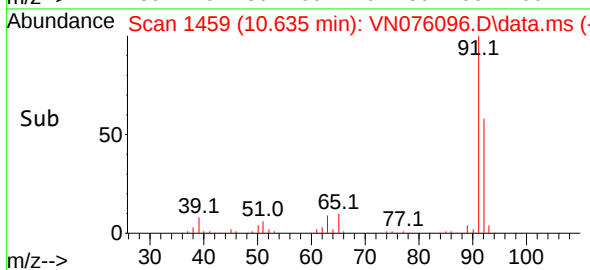
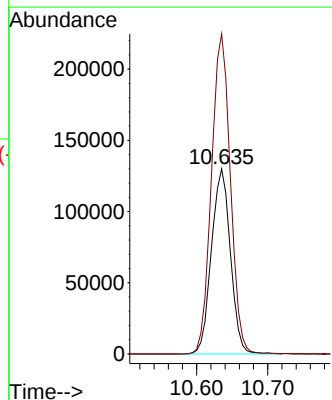
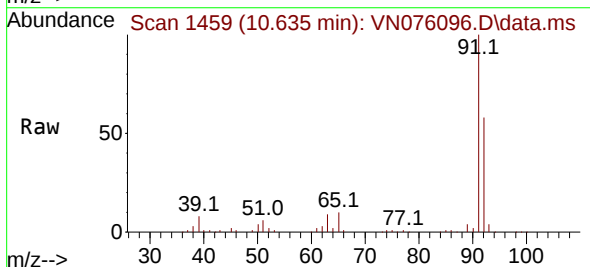
Manual Integrations
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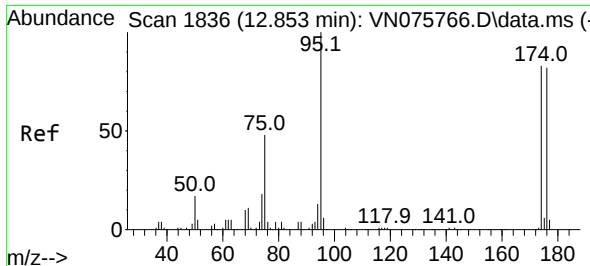
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#52
Toluene
Concen: 29.132 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

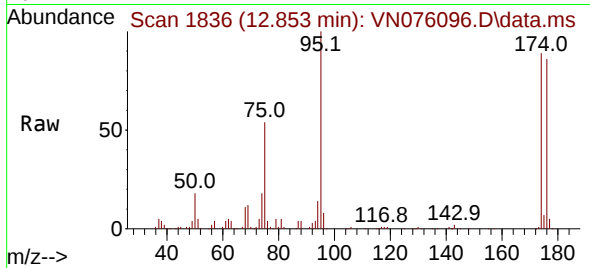
Tgt Ion: 92 Resp: 240702
Ion Ratio Lower Upper
92 100
91 172.9 137.3 205.9





#62
4-Bromofluorobenzene
Concen: 49.641 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

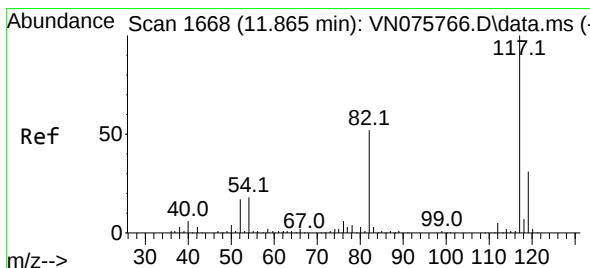
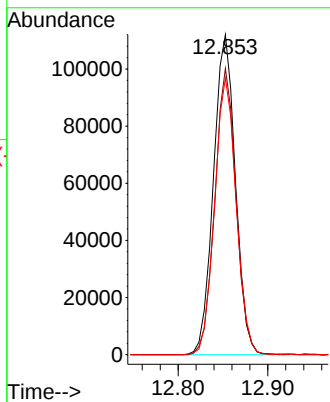
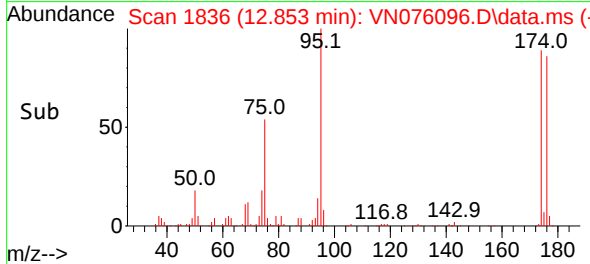
Instrument :
MSVOA_N
ClientSampleId :
NWB-1865



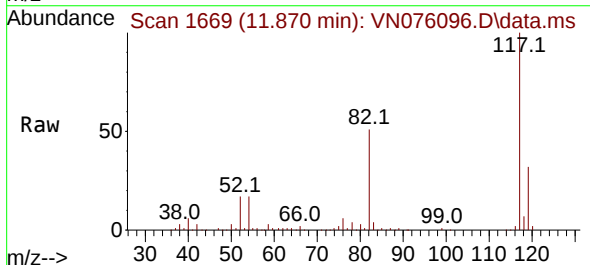
Tgt Ion: 95 Resp: 190283
Ion Ratio Lower Upper
95 100
174 85.9 0.0 171.6
176 84.9 0.0 169.2

Manual Integrations
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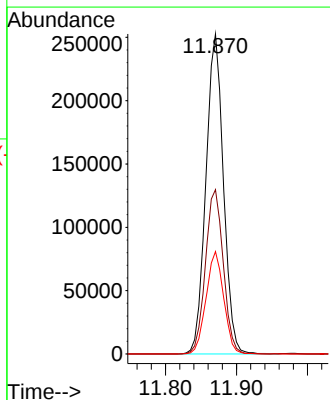
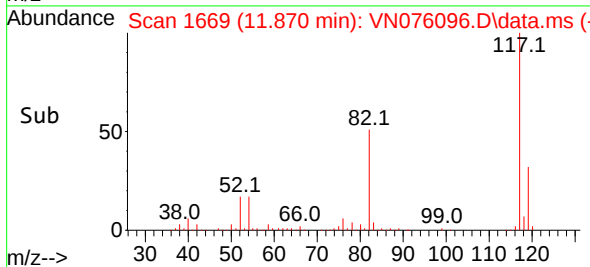
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

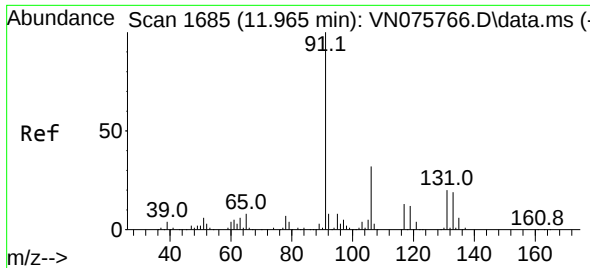


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07



Tgt Ion:117 Resp: 433826
Ion Ratio Lower Upper
117 100
82 51.4 41.3 61.9
119 32.0 24.6 37.0





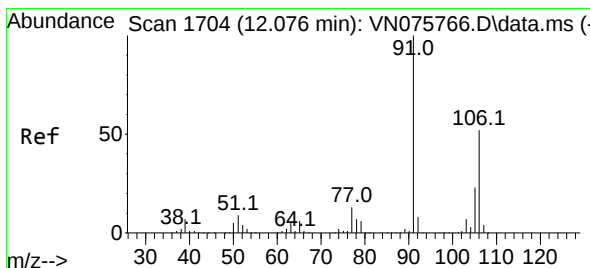
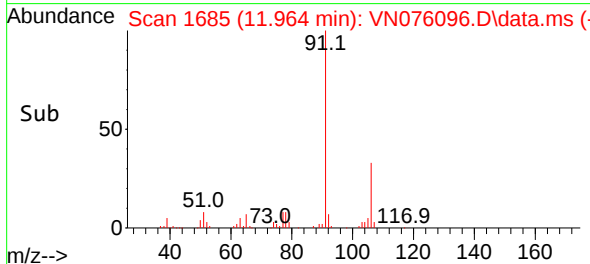
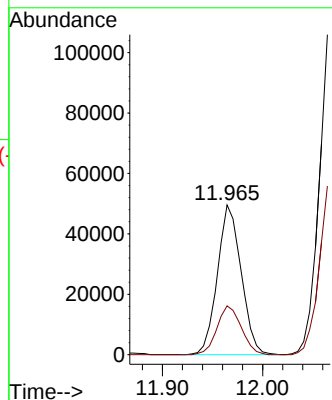
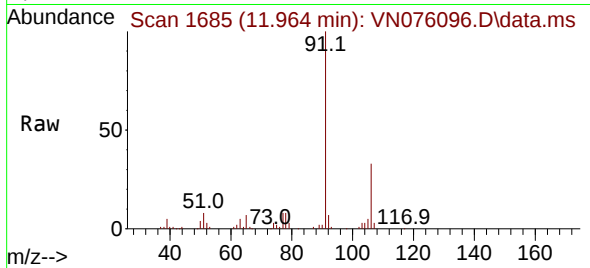
#67
Ethyl Benzene
Concen: 5.433 ug/l
RT: 11.964 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

Tgt Ion: 91 Resp: 81640
Ion Ratio Lower Upper
91 100
106 32.6 25.7 38.5

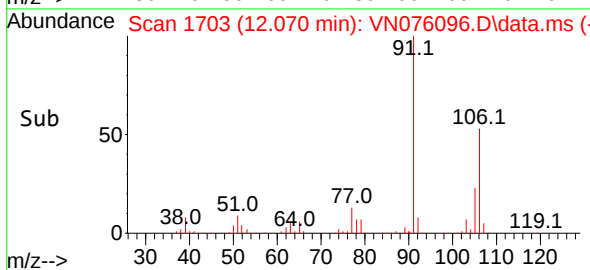
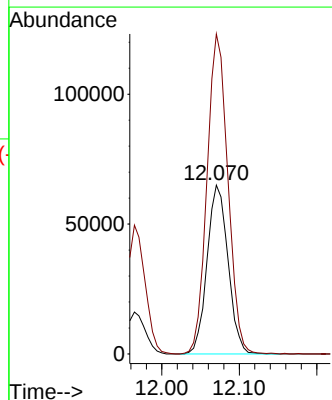
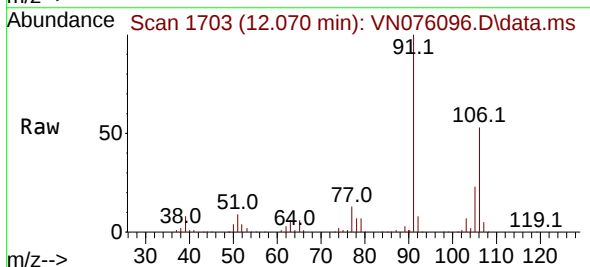
Manual Integrations
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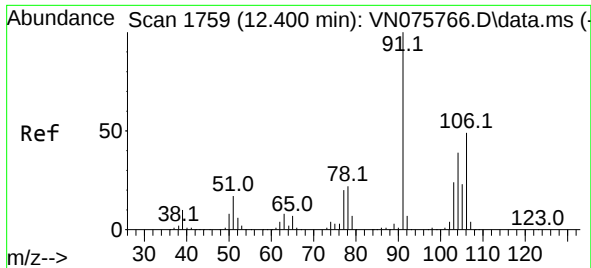
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#68
m/p-Xylenes
Concen: 20.494 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

Tgt Ion:106 Resp: 121900
Ion Ratio Lower Upper
106 100
91 188.9 156.6 235.0





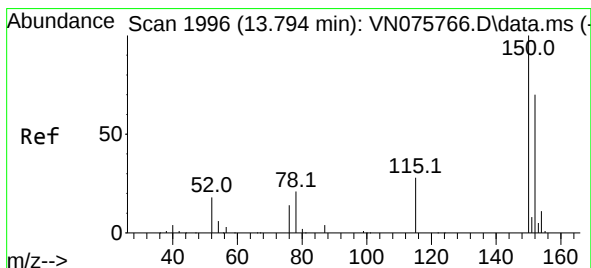
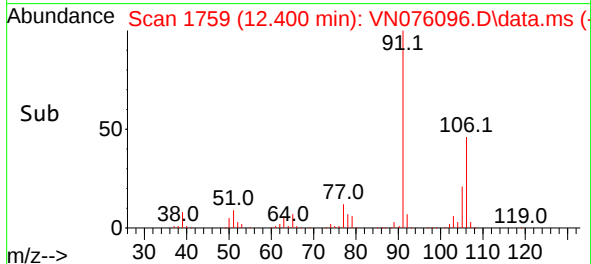
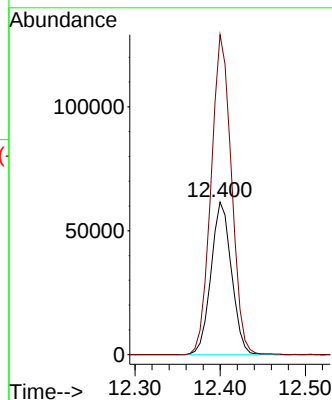
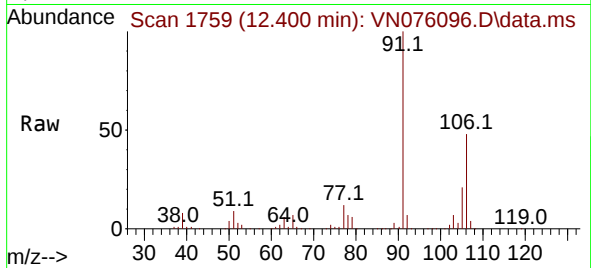
#69
o-Xylene
Concen: 17.507 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

Instrument :
MSVOA_N
ClientSampleId :
NWB-1865

Tgt Ion:106 Resp: 103048
Ion Ratio Lower Upper
106 100
91 208.9 103.8 311.6

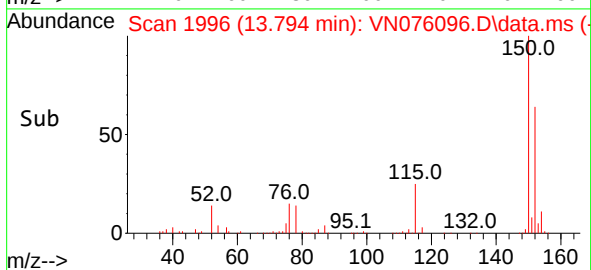
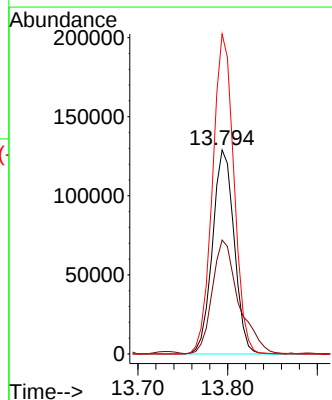
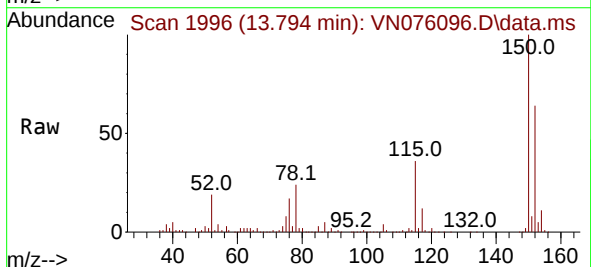
Manual Integrations
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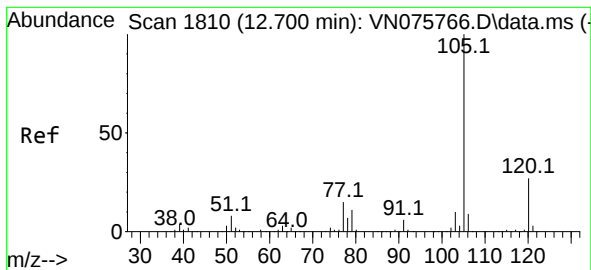
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

Tgt Ion:152 Resp: 216091
Ion Ratio Lower Upper
152 100
115 68.5 29.1 87.4
150 154.9 0.0 347.0





#73

Isopropylbenzene

Concen: 1.234 ug/l

RT: 12.700 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VN076096.D

Acq: 04 Jan 2023 21:07

Instrument :

MSVOA_N

ClientSampleId :

NWB-1865

Tgt Ion:105 Resp: 1926

Ion Ratio Lower Upper

105 100

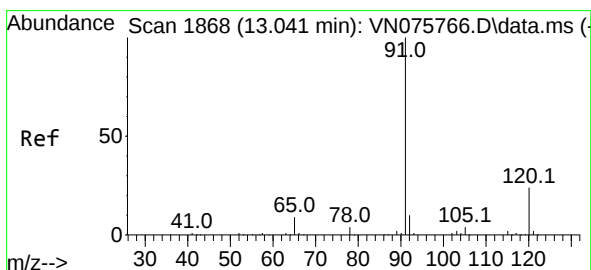
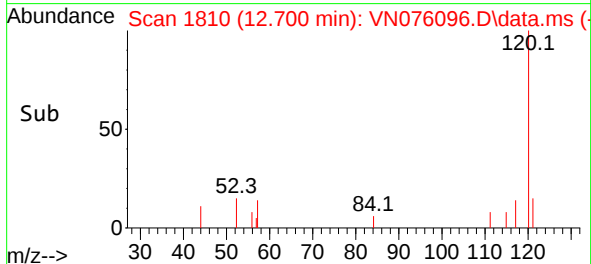
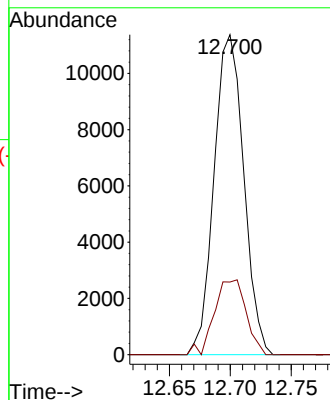
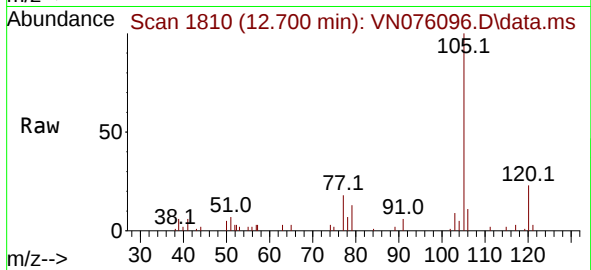
120 25.0 13.4 40.2

Manual Integrations

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Reviewed By :John Carlone 01/05/2023

Supervised By :Mahesh Dadoda 01/05/2023



#78

n-propylbenzene

Concen: 4.897 ug/l

RT: 13.041 min Scan# 1868

Delta R.T. -0.000 min

Lab File: VN076096.D

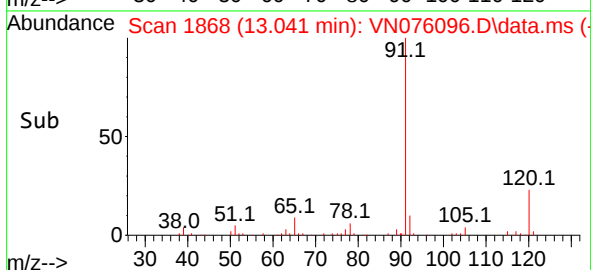
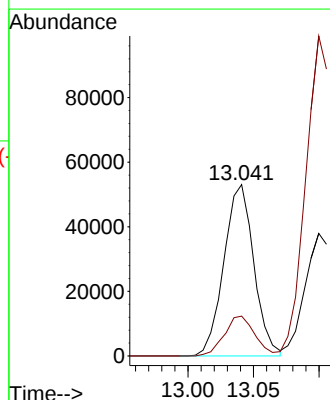
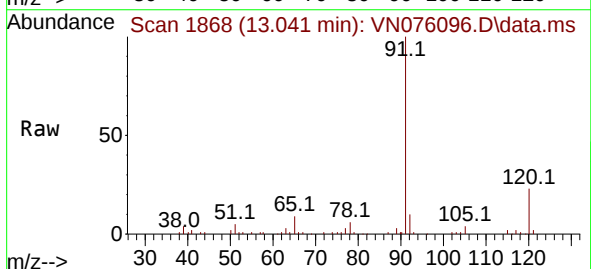
Acq: 04 Jan 2023 21:07

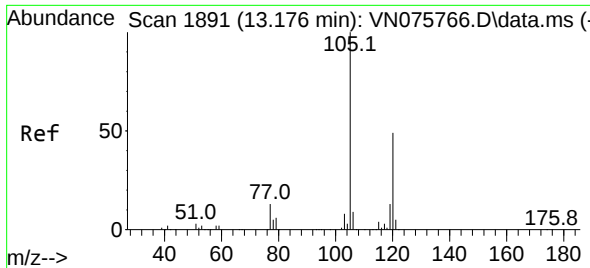
Tgt Ion: 91 Resp: 84340

Ion Ratio Lower Upper

91 100

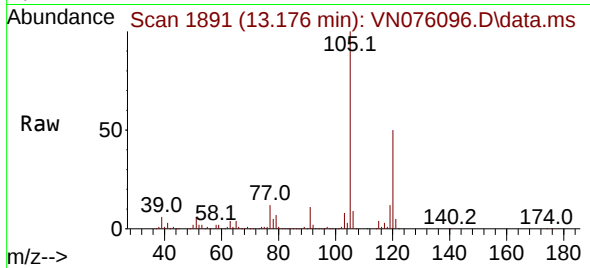
120 23.6 12.0 36.1





#80
1,3,5-Trimethylbenzene
Concen: 23.618 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

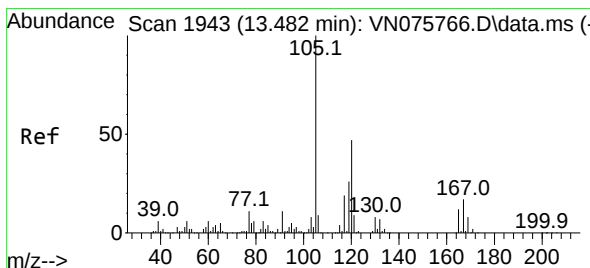
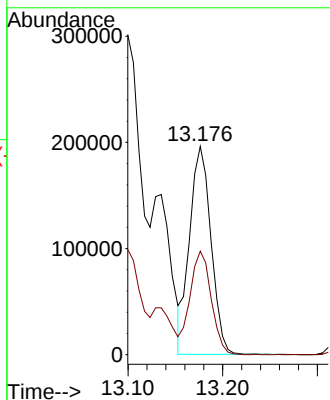
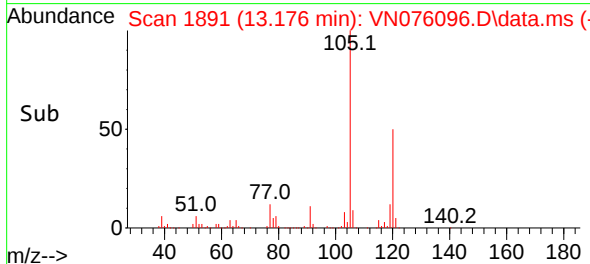
Instrument :
MSVOA_N
ClientSampleId :
NWB-1865



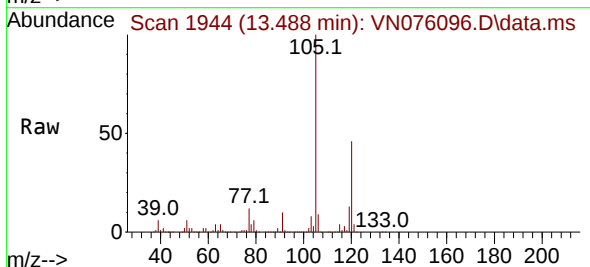
Tgt Ion:105 Resp: 308670
Ion Ratio Lower Upper
105 100
120 49.4 24.7 74.1

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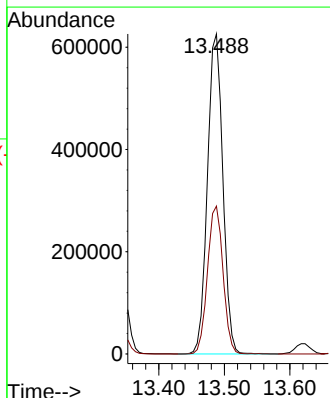
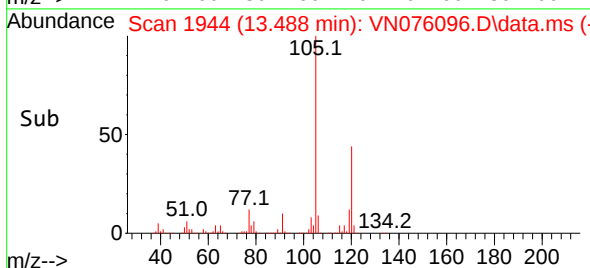
Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023

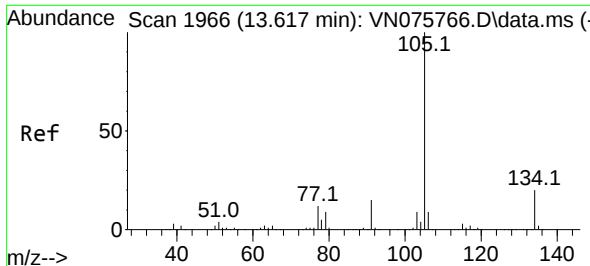


#84
1,2,4-Trimethylbenzene
Concen: 78.910 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07



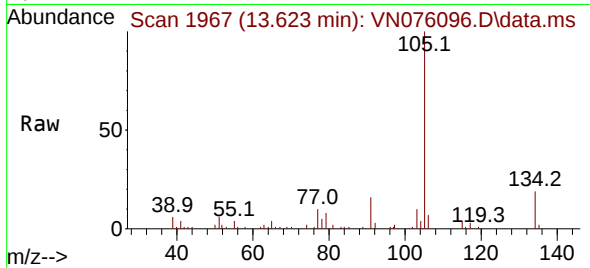
Tgt Ion:105 Resp: 1023103
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 2.034 ug/l
 RT: 13.623 min Scan# 1966
 Delta R.T. 0.006 min
 Lab File: VN076096.D
 Acq: 04 Jan 2023 21:07

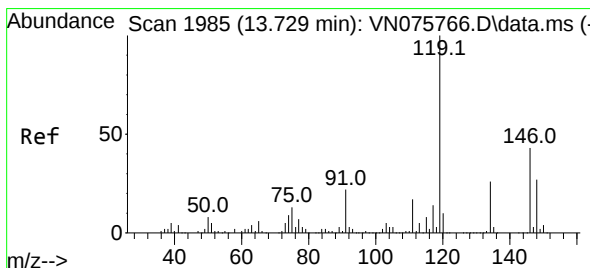
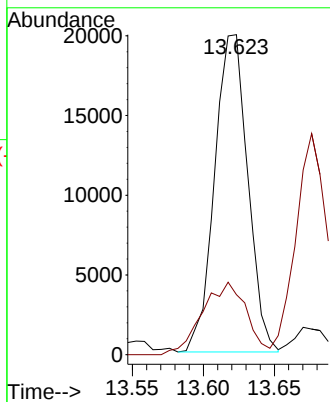
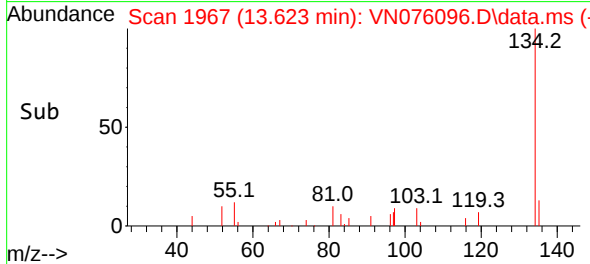
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1865



Tgt Ion:105 Resp: 3235
 Ion Ratio Lower Upper
 105 100
 134 30.4 10.1 30.1

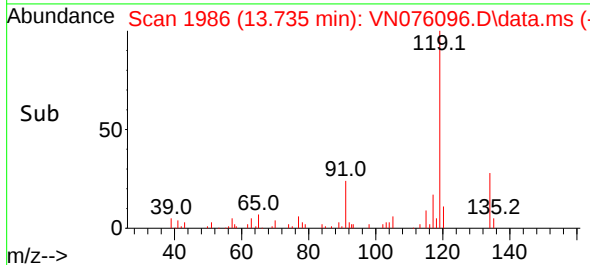
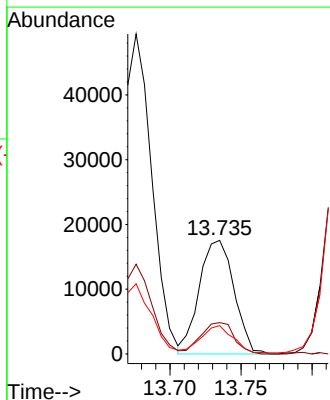
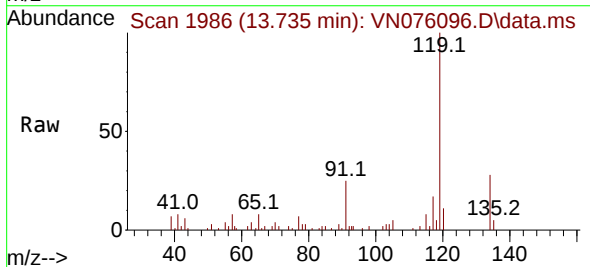
Manual Integrations
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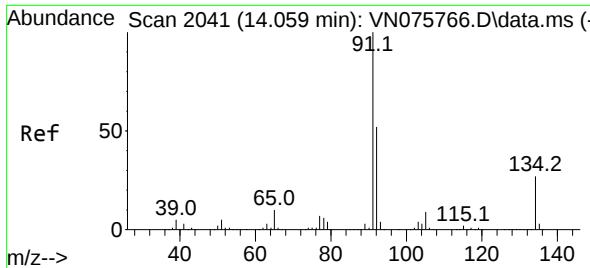
Reviewed By :John Carlone 01/05/2023
 Supervised By :Mahesh Dadoda 01/05/2023



#86
 p-Isopropyltoluene
 Concen: 2.263 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076096.D
 Acq: 04 Jan 2023 21:07

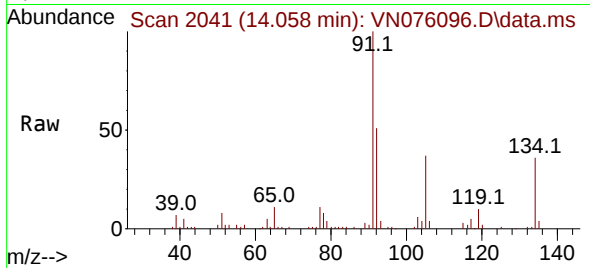
Tgt Ion:119 Resp: 29945
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 39.0
 91 21.7 11.2 33.6





#89
n-Butylbenzene
Concen: 4.811 ug/l
RT: 14.058 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07

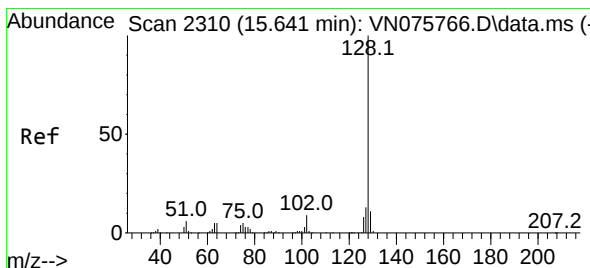
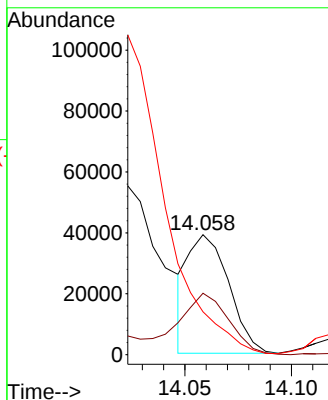
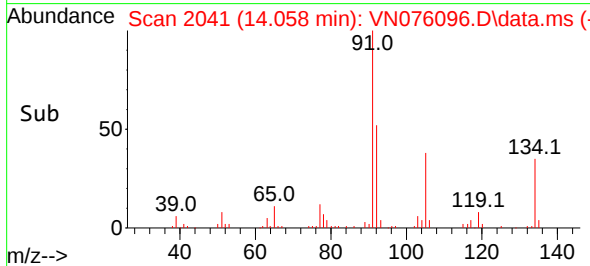
Instrument :
MSVOA_N
ClientSampleId :
NWB-1865



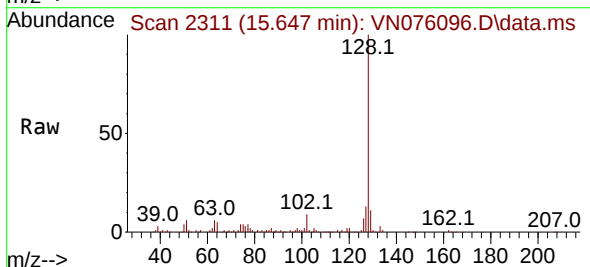
Tgt Ion: 91 Resp: 51579
Ion Ratio Lower Upper
91 100
92 66.1 26.4 79.2
134 0.0 13.4 40.2

Manual Integrations
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Reviewed By :John Carlone 01/05/2023
Supervised By :Mahesh Dadoda 01/05/2023



#95
Naphthalene
Concen: 23.003 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076096.D
Acq: 04 Jan 2023 21:07



Tgt Ion:128 Resp: 256068
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 12.6 8.7 13.1

