

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073976.D
 Acq On : 17 Aug 2022 15:09
 Operator : JC\MD
 Sample : N4204-22DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/18/2022
 Supervised By : Mahesh Dadoda 08/18/2022

Quant Time: Aug 18 00:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	645362	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	933346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	898265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	518855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	303305	48.252	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.500%		
35) Dibromofluoromethane	7.951	113	294337	53.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.640%		
50) Toluene-d8	10.380	98	994120	46.503	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.000%		
62) 4-Bromofluorobenzene	12.674	95	435405	61.370	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	122.740%		
Target Compounds						
					Qvalue	
52) Toluene	10.445	92	22324	1.345	ug/l	95
67) Ethyl Benzene	11.786	91	163727	5.157	ug/l	98
68) m/p-Xylenes	11.898	106	31453	2.438	ug/l	97
73) Isopropylbenzene	12.521	105	257917	6.827	ug/l	99
78) n-propylbenzene	12.863	91	383814	9.530	ug/l	98
80) 1,3,5-Trimethylbenzene	13.004	105	38528	1.254	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	511951	16.682	ug/l	99
85) sec-Butylbenzene	13.445	105	30330	0.827	ug/l #	49
89) n-Butylbenzene	13.880	91	16634m	0.672	ug/l	
95) Naphthalene	15.433	128	77826	2.142	ug/l	98

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

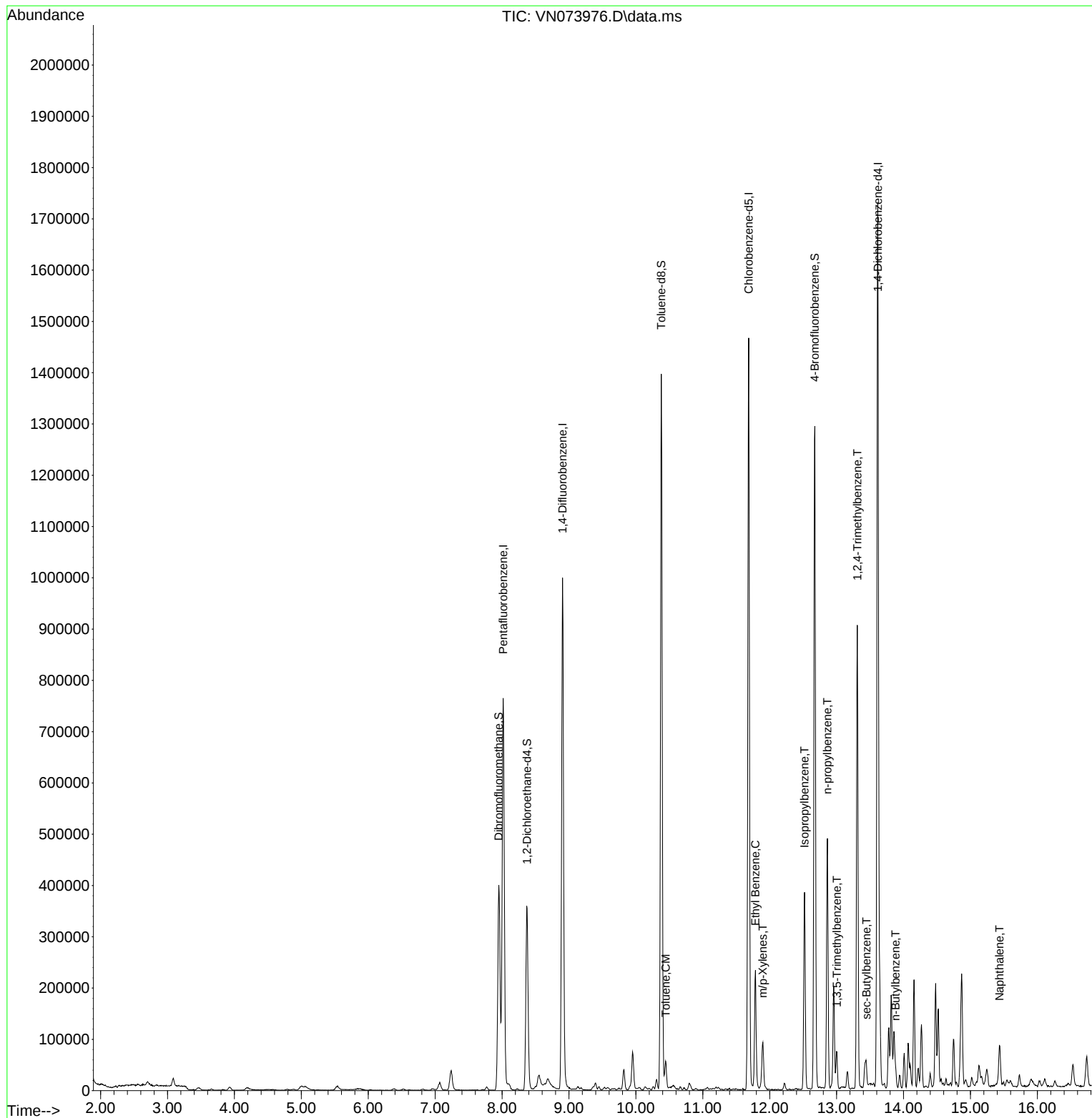
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
Data File : VN073976.D
Acq On : 17 Aug 2022 15:09
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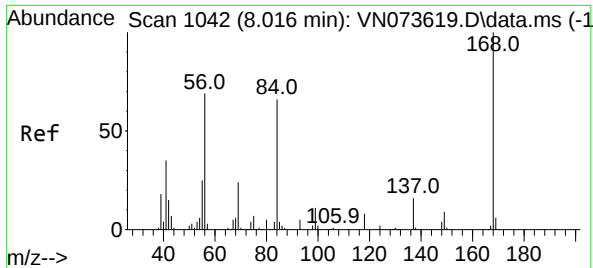
Instrument :
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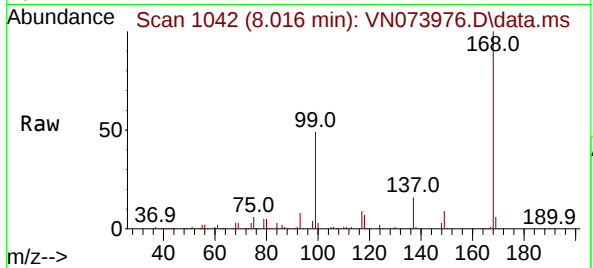
Quant Time: Aug 18 00:45:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 00:45:21 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09

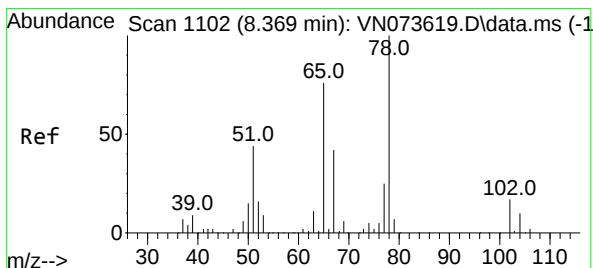
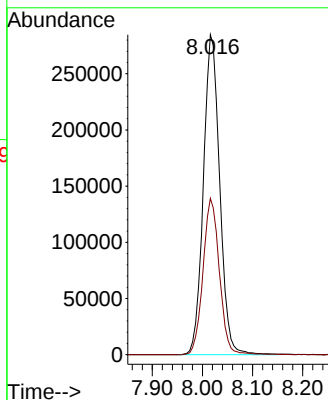
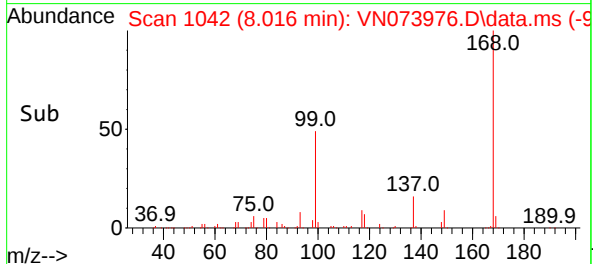
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL



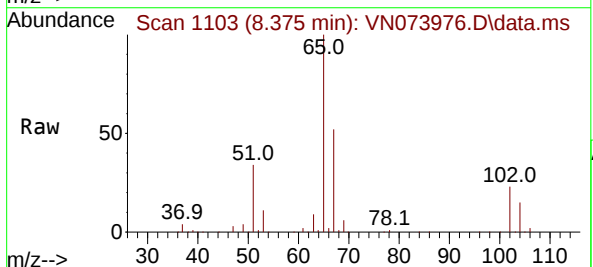
Tgt Ion:168 Resp: 645362
Ion Ratio Lower Upper
168 100
99 48.9 42.3 63.5

Manual Integrations
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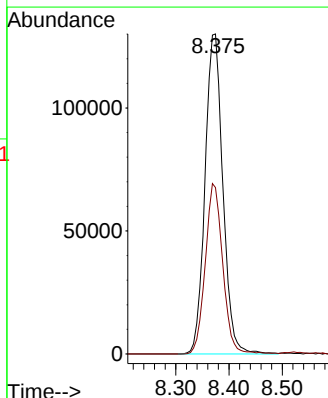
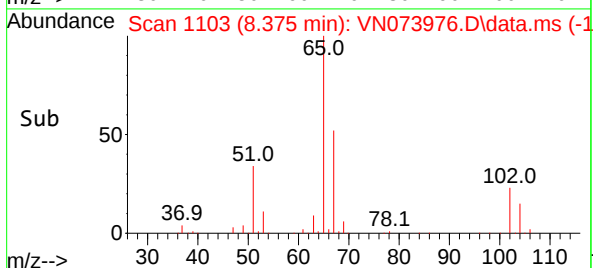
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

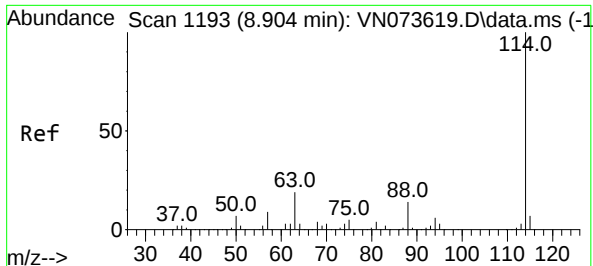


#33
1,2-Dichloroethane-d4
Concen: 48.252 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09



Tgt Ion: 65 Resp: 303305
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073976.D

Acq: 17 Aug 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

Tgt Ion:114 Resp: 933340

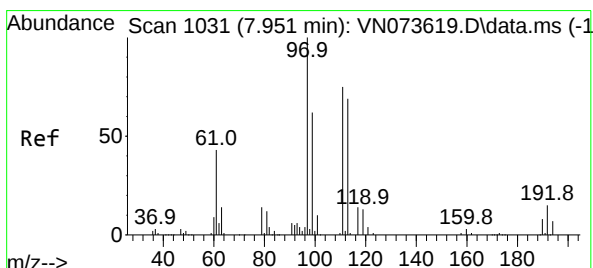
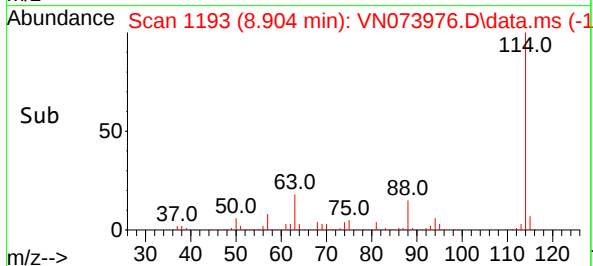
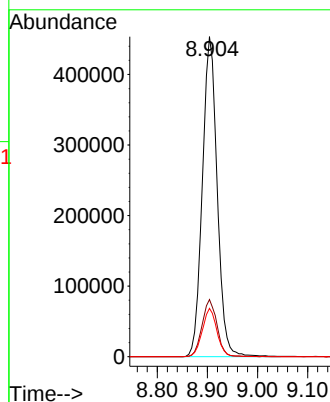
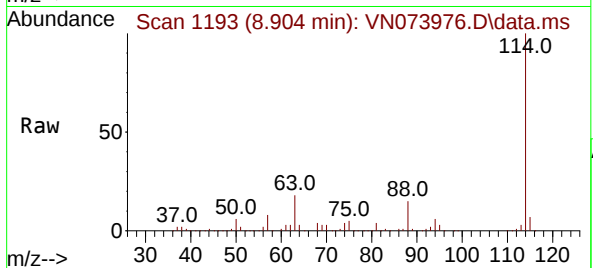
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	40.0
88	15.1	0.0	32.6

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#35

Dibromofluoromethane

Concen: 53.325 ug/l

RT: 7.951 min Scan# 1031

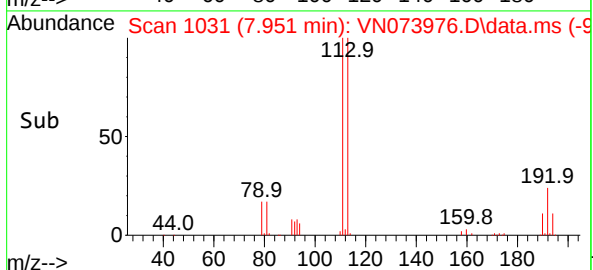
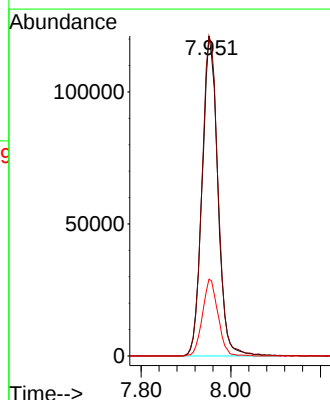
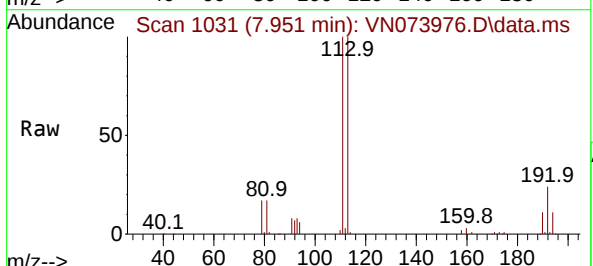
Delta R.T. 0.000 min

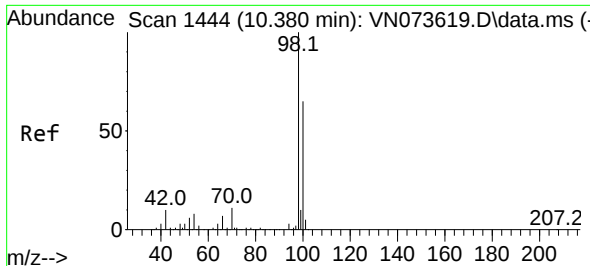
Lab File: VN073976.D

Acq: 17 Aug 2022 15:09

Tgt Ion:113 Resp: 294337

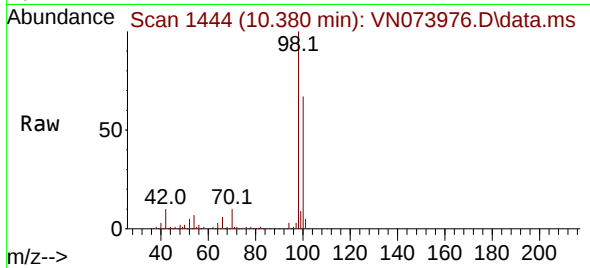
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.0
192	23.7	17.0	25.6





#50
Toluene-d8
Concen: 46.503 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09

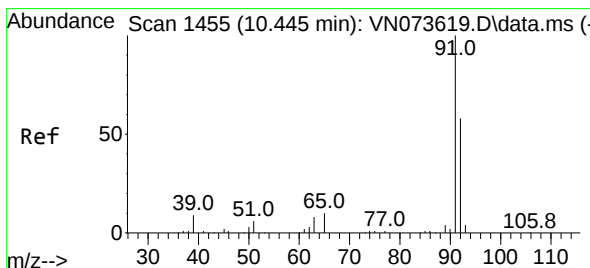
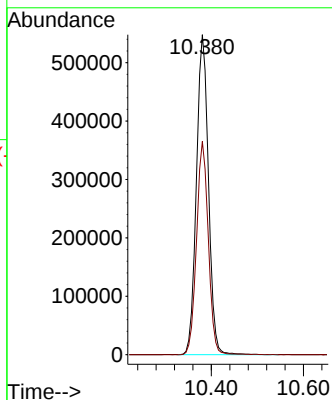
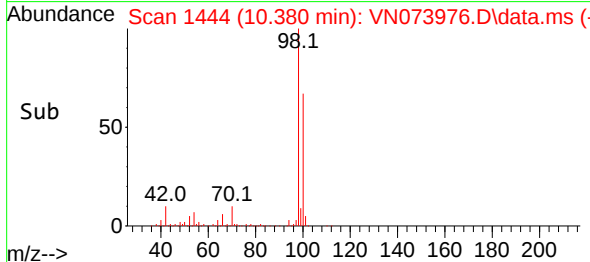
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL



Tgt Ion: 98 Resp: 994120
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8

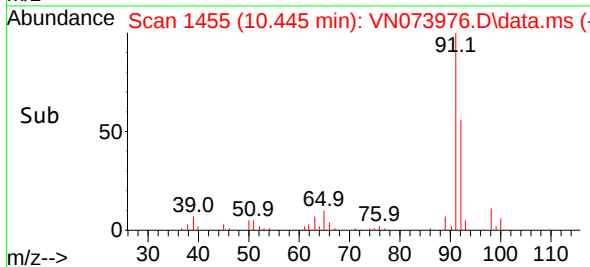
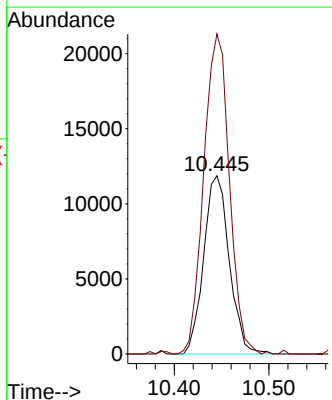
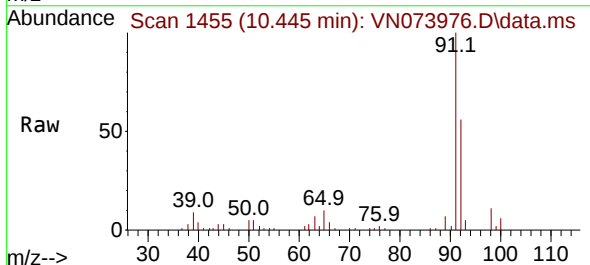
Manual Integrations
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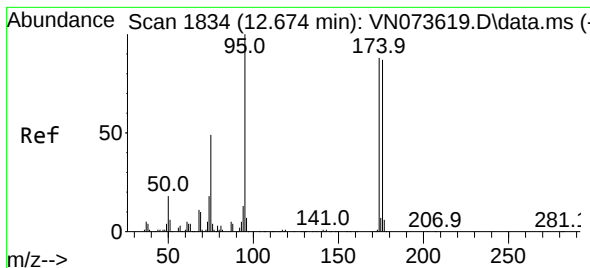
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022



#52
Toluene
Concen: 1.345 ug/l
RT: 10.445 min Scan# 1455
Delta R.T. 0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09

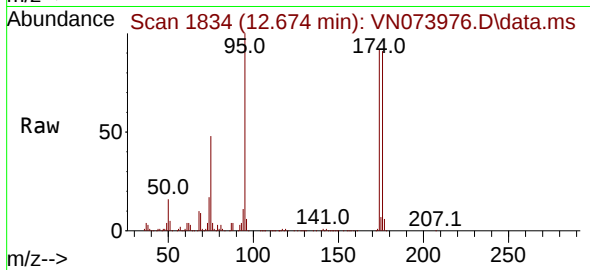
Tgt Ion: 92 Resp: 22324
Ion Ratio Lower Upper
92 100
91 179.7 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 61.370 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09

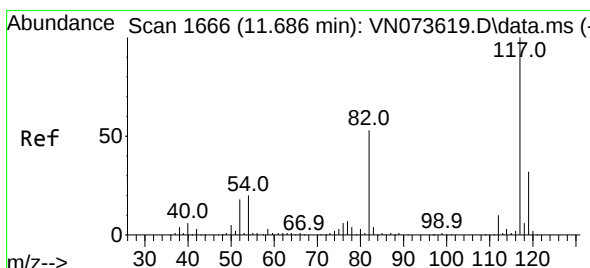
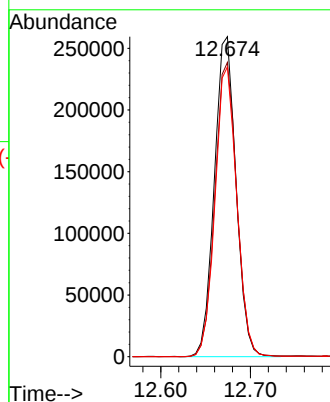
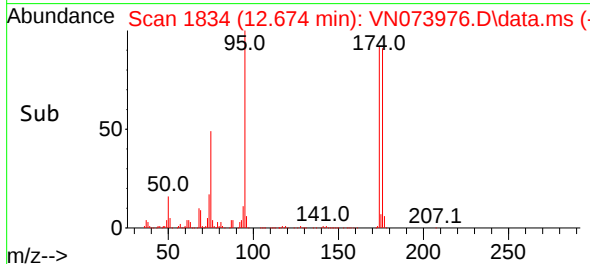
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL



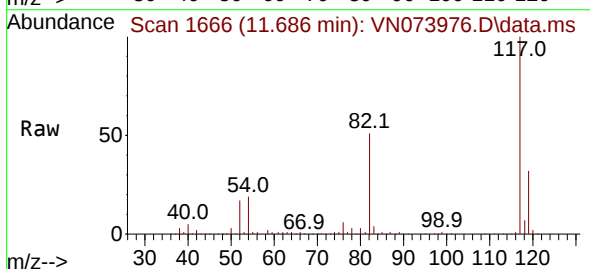
Tgt Ion: 95 Resp: 435408
Ion Ratio Lower Upper
95 100
174 93.0 0.0 167.6
176 90.7 0.0 163.4

Manual Integrations
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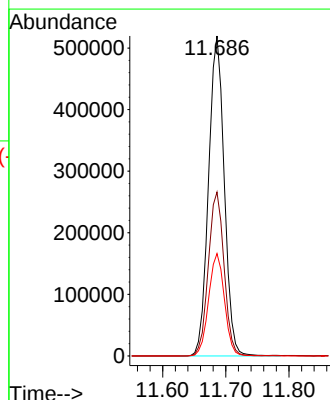
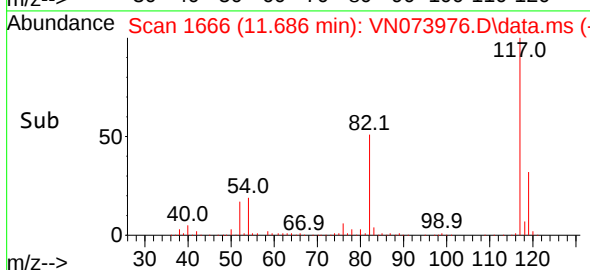
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

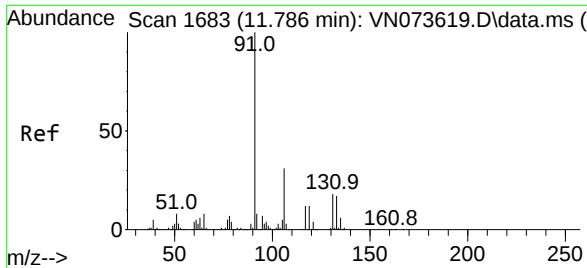


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09



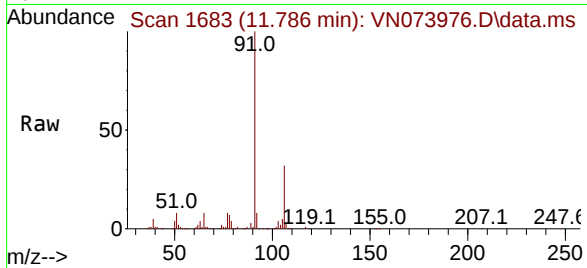
Tgt Ion:117 Resp: 898265
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 32.0 25.4 38.0





#67
Ethyl Benzene
Concen: 5.157 ug/l
RT: 11.786 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09

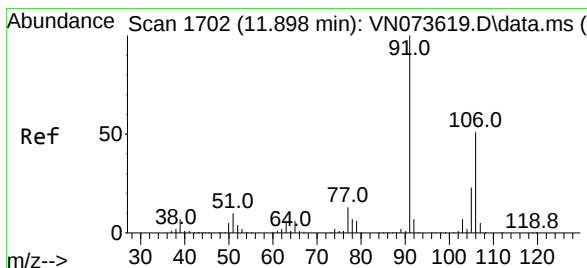
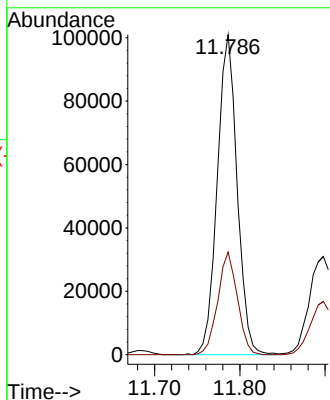
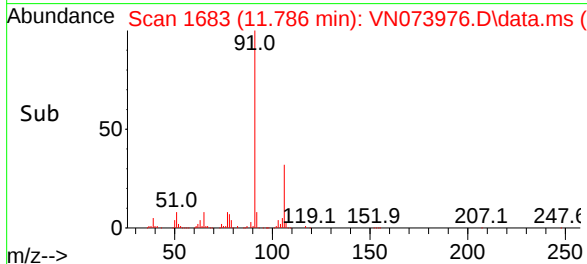
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL



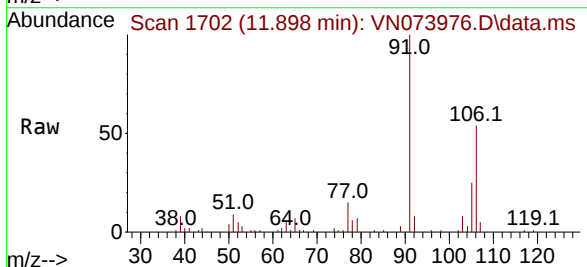
Tgt Ion: 91 Resp: 16372
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
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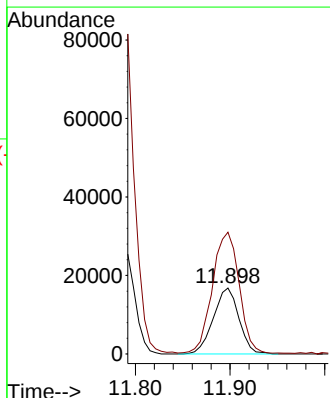
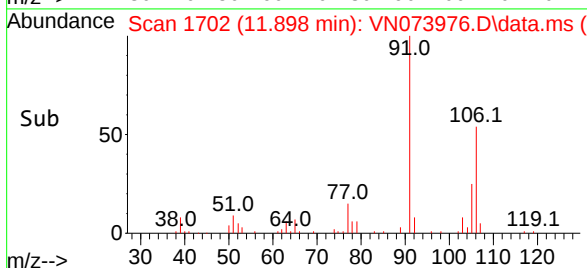
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

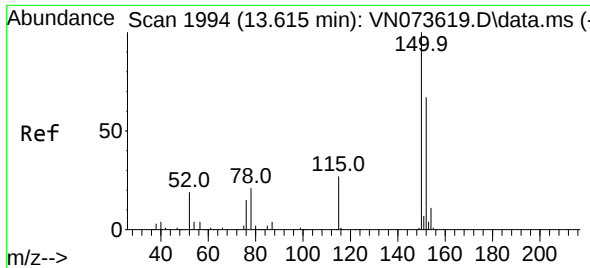


#68
m/p-Xylenes
Concen: 2.438 ug/l
RT: 11.898 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09



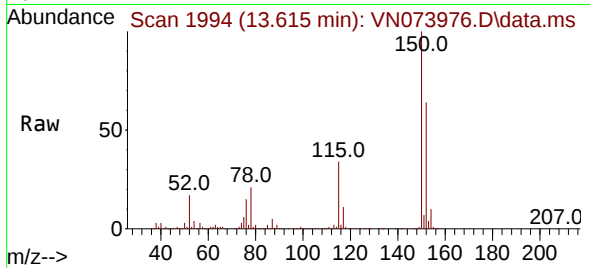
Tgt Ion:106 Resp: 31453
Ion Ratio Lower Upper
106 100
91 193.8 158.9 238.3





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09

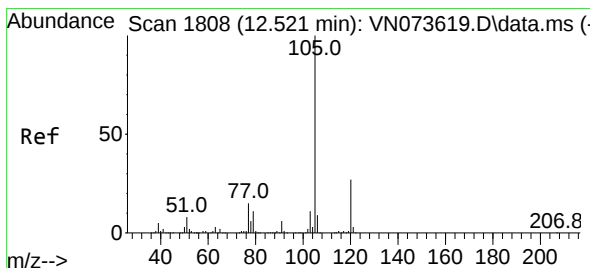
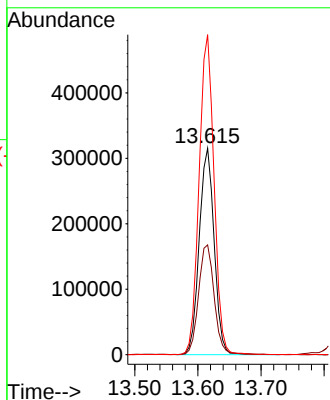
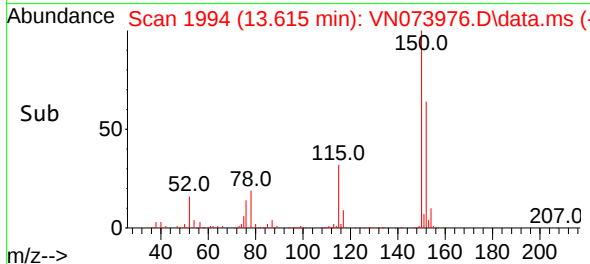
Instrument :
MSVOA_N
ClientSampleId :
MW-4DL



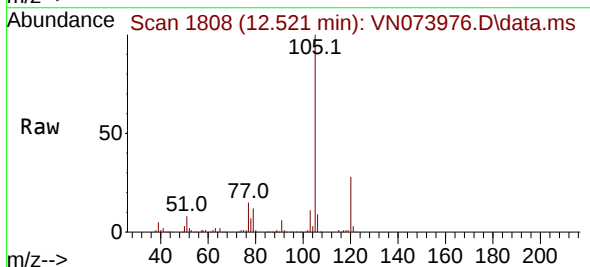
Tgt Ion:152 Resp: 51885
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.7
150 155.1 0.0 356.2

Manual Integrations
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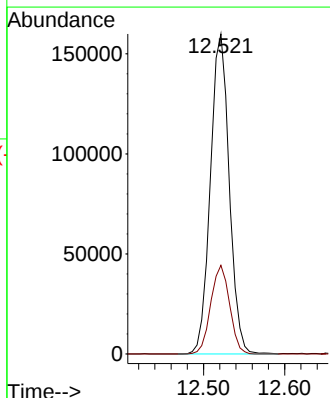
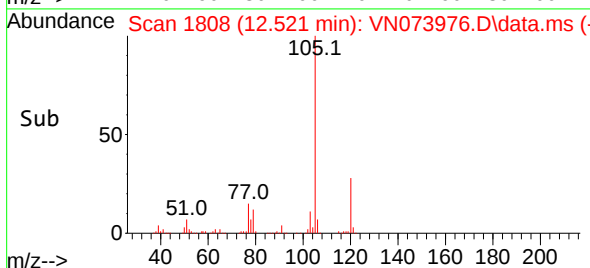
Reviewed By :John Carlone 08/18/2022
Supervised By :Mahesh Dadoda 08/18/2022

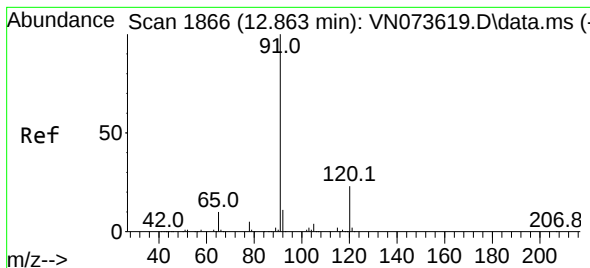


#73
Isopropylbenzene
Concen: 6.827 ug/l
RT: 12.521 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN073976.D
Acq: 17 Aug 2022 15:09



Tgt Ion:105 Resp: 257917
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4





#78

n-propylbenzene

Concen: 9.530 ug/l

RT: 12.863 min Scan# 1866

Delta R.T. -0.000 min

Lab File: VN073976.D

Acq: 17 Aug 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

Tgt Ion: 91 Resp: 383814

Ion Ratio Lower Upper

91 100

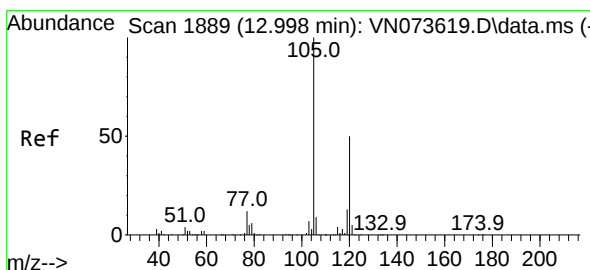
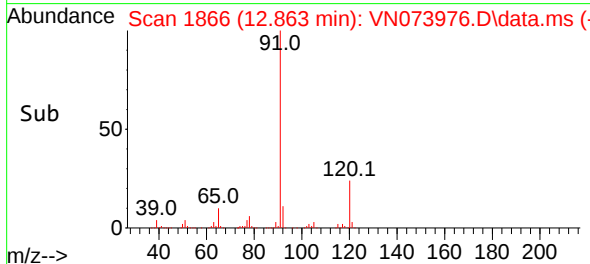
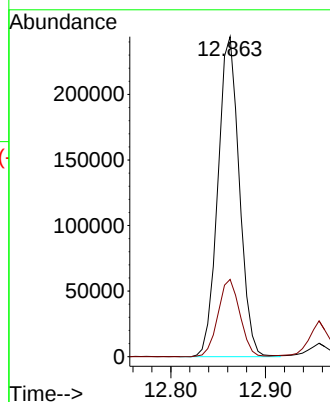
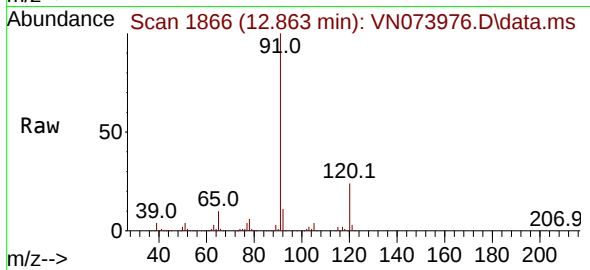
120 24.7 11.9 35.5

Manual Integrations

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Supervised By :Mahesh Dadoda 08/18/2022



#80

1,3,5-Trimethylbenzene

Concen: 1.254 ug/l

RT: 13.004 min Scan# 1890

Delta R.T. 0.006 min

Lab File: VN073976.D

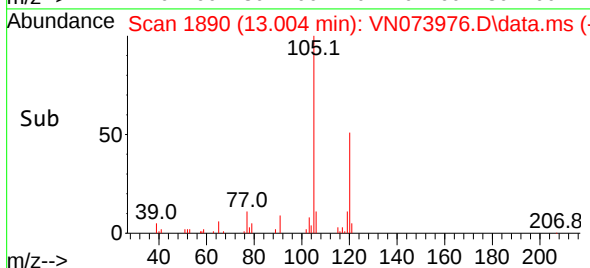
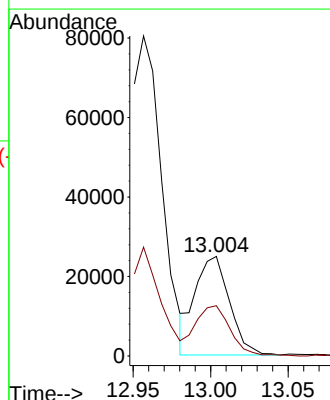
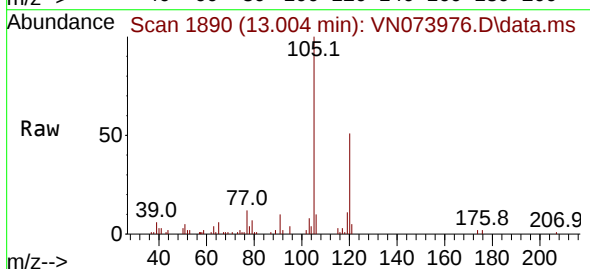
Acq: 17 Aug 2022 15:09

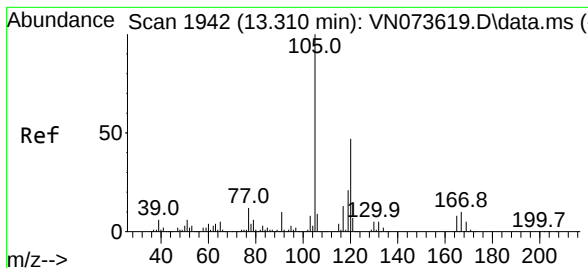
Tgt Ion:105 Resp: 38528

Ion Ratio Lower Upper

105 100

120 52.0 24.9 74.7





#84

1,2,4-Trimethylbenzene

Concen: 16.682 ug/l

RT: 13.310 min Scan# 1942

Delta R.T. -0.000 min

Lab File: VN073976.D

Acq: 17 Aug 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

Tgt Ion:105 Resp: 51195

Ion Ratio Lower Upper

105 100

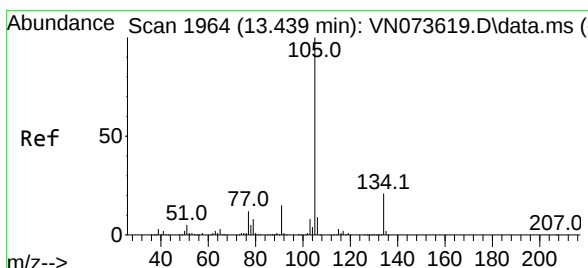
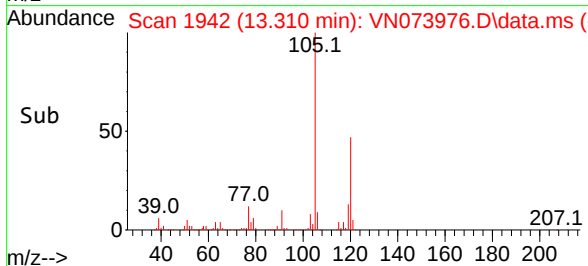
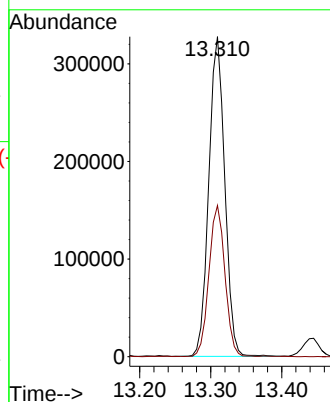
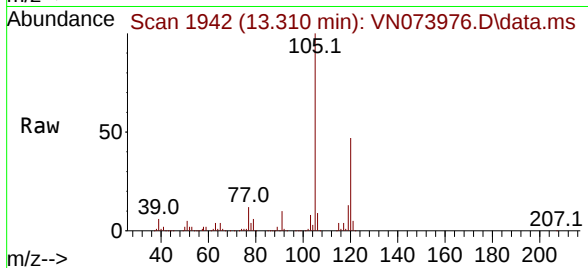
120 47.3 23.3 69.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#85

sec-Butylbenzene

Concen: 0.827 ug/l

RT: 13.445 min Scan# 1965

Delta R.T. 0.006 min

Lab File: VN073976.D

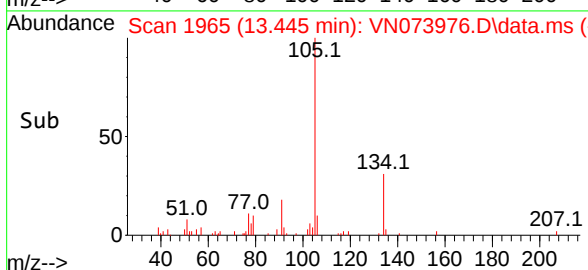
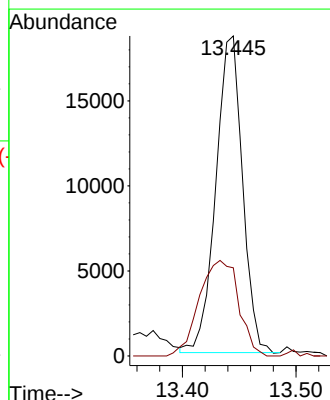
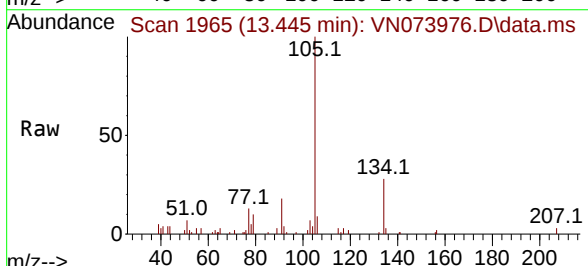
Acq: 17 Aug 2022 15:09

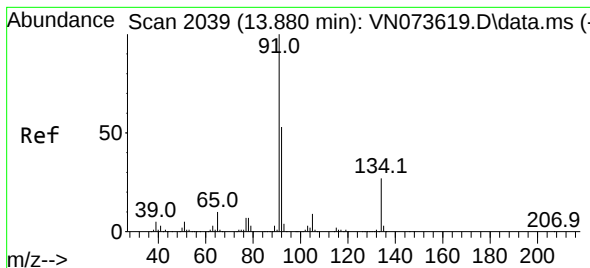
Tgt Ion:105 Resp: 30330

Ion Ratio Lower Upper

105 100

134 44.6 10.4 31.1#





#89

n-Butylbenzene

Concen: 0.672 ug/l m

RT: 13.880 min Scan# 2039

Delta R.T. 0.000 min

Lab File: VN073976.D

Acq: 17 Aug 2022 15:09

Instrument :

MSVOA_N

ClientSampleId :

MW-4DL

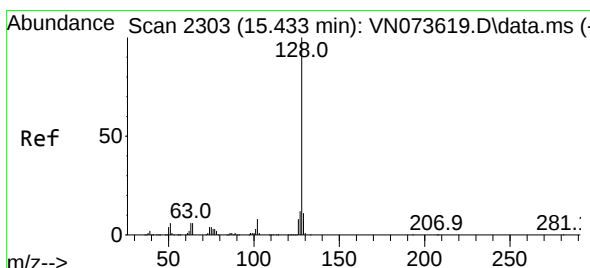
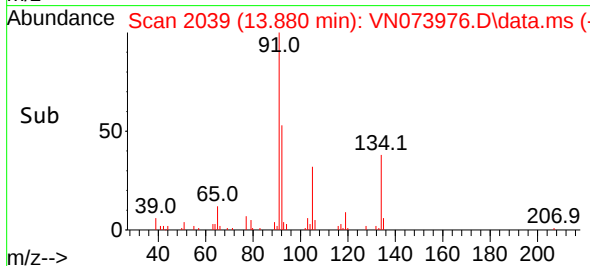
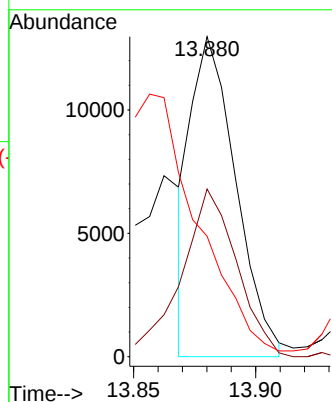
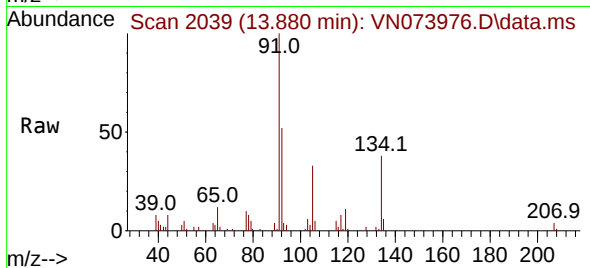
Tgt Ion:	91	Resp:	16634
Ion Ratio	Lower	Upper	
91	100		
92	65.4	26.9	80.7
134	0.0	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/18/2022

Supervised By :Mahesh Dadoda 08/18/2022



#95

Naphthalene

Concen: 2.142 ug/l

RT: 15.433 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN073976.D

Acq: 17 Aug 2022 15:09

Tgt Ion:	128	Resp:	77826
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	11.6	8.6	13.0

