

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072103.D
 Acq On : 21 Apr 2022 02:18
 Operator : JC\MD
 Sample : N2482-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 03:41:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	657776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1081076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1182033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	556506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	336699	44.838	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.680%		
35) Dibromofluoromethane	8.022	113	308761	48.536	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.080%		
50) Toluene-d8	10.439	98	1404743	53.980	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.960%		
62) 4-Bromofluorobenzene	12.727	95	546435	64.925	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	129.860%		
Target Compounds					Qvalue	
16) Acetone	4.281	43	89067	27.754	ug/l	89
25) 2-Butanone	7.340	43	12469	2.695	ug/l	96
31) Cyclohexane	8.092	56	519905	50.910	ug/l	98
37) Ethyl Acetate	7.416	43	19334	1.988	ug/l #	94
39) Methylcyclohexane	9.457	83	138635	13.110	ug/l	95
40) Benzene	8.457	78	6209899	221.285	ug/l	100
52) Toluene	10.504	92	3963379	223.423	ug/l	98
67) Ethyl Benzene	11.833	91	16981472	423.820	ug/l	93
68) m/p-Xylenes	11.939	106	22406808m	1455.465	ug/l	
69) o-Xylene	12.275	106	13439370	879.512	ug/l	58
73) Isopropylbenzene	12.575	105	1253631	26.733	ug/l	100
78) n-propylbenzene	12.916	91	3126392	63.378	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	4457049	119.956	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	15180089	418.730	ug/l	95
85) sec-Butylbenzene	13.498	105	57717m	1.311	ug/l	
86) p-Isopropyltoluene	13.610	119	31391m	0.894	ug/l	
89) n-Butylbenzene	13.939	91	24155m	0.928	ug/l	
95) Naphthalene	15.498	128	2587447	98.139	ug/l	100

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

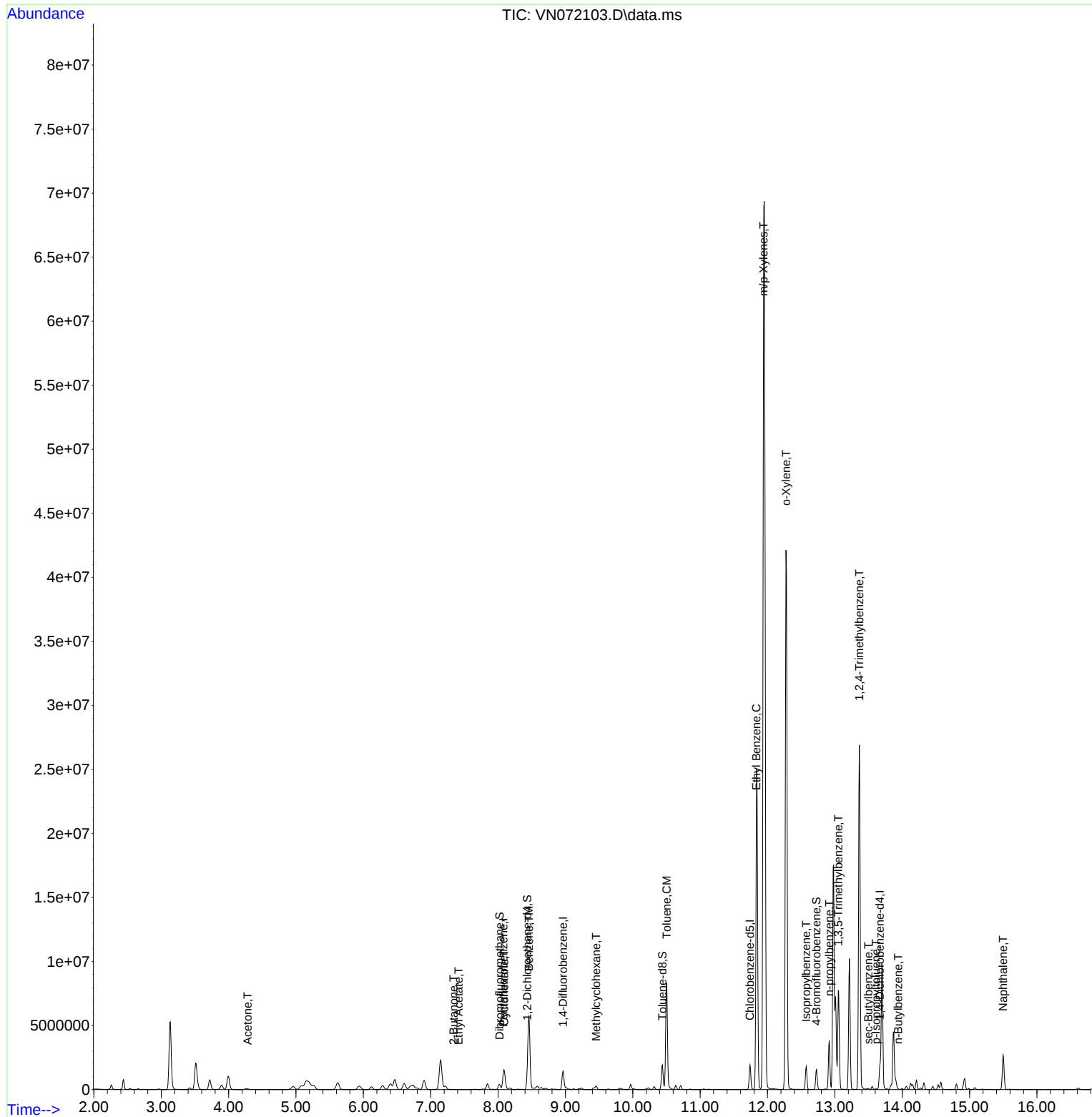
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
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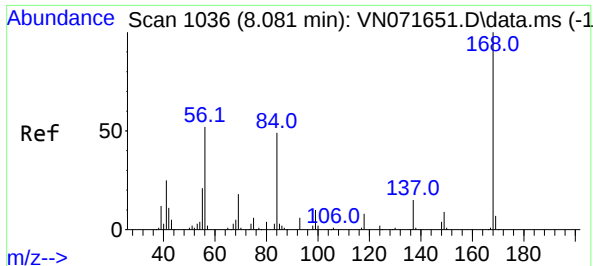
Instrument :
MSVOA_N
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MW-14R

Quant Time: Apr 21 03:41:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

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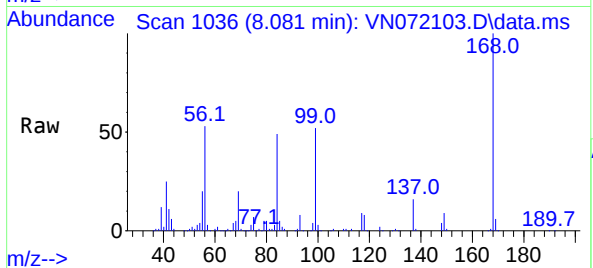
Reviewed By : John Carlone 04/21/2022
Supervised By : Mahesh Dadoda 04/21/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

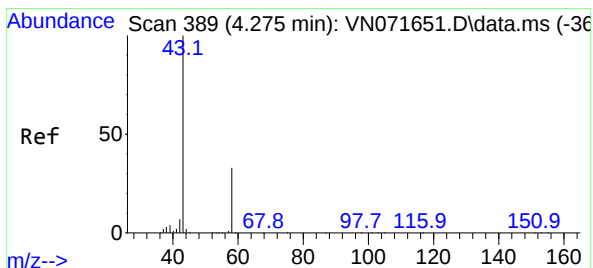
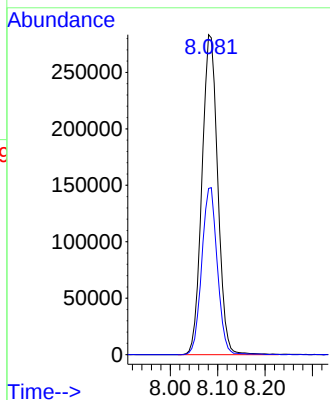
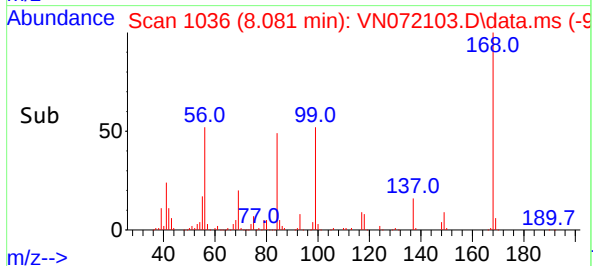
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



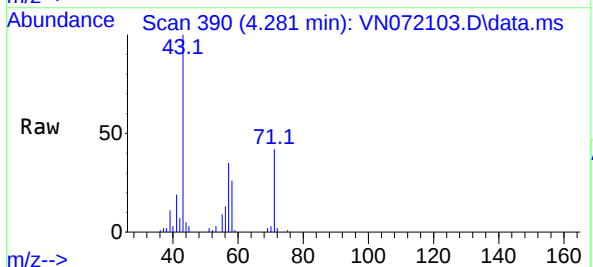
Tgt Ion:168 Resp: 657770
Ion Ratio Lower Upper
168 100
99 51.9 42.3 63.5

Manual Integrations
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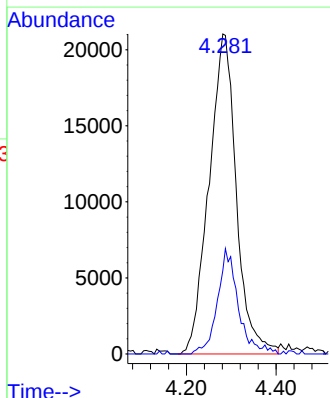
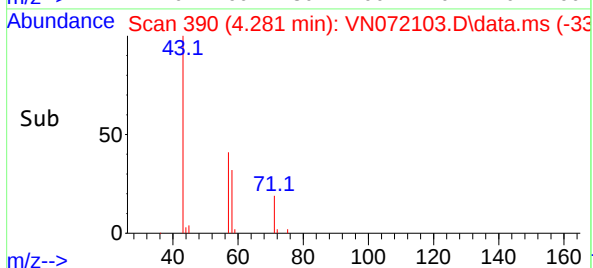
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

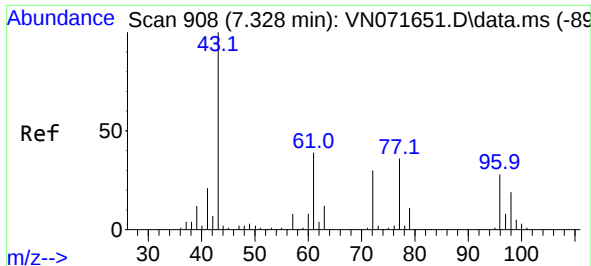


#16
Acetone
Concen: 27.754 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18



Tgt Ion: 43 Resp: 89067
Ion Ratio Lower Upper
43 100
58 26.1 26.0 39.0





#25

2-Butanone

Concen: 2.695 ug/l

RT: 7.340 min Scan# 910

Delta R.T. 0.012 min

Lab File: VN072103.D

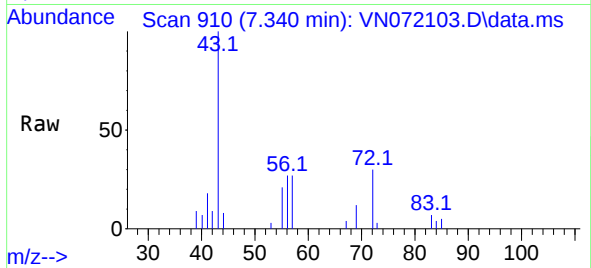
Acq: 21 Apr 2022 02:18

Instrument :

MSVOA_N

ClientSampleId :

MW-14R



Tgt Ion: 43 Resp: 12469

Ion Ratio Lower Upper

43 100

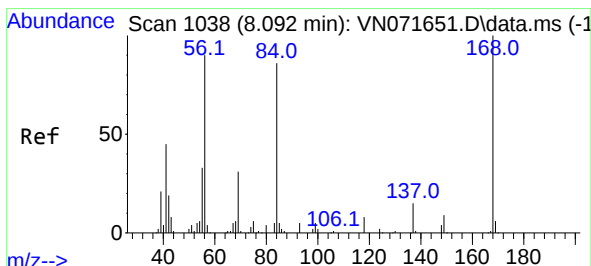
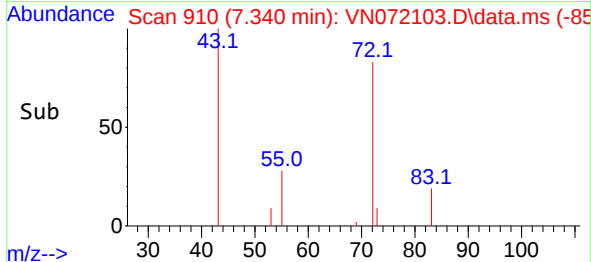
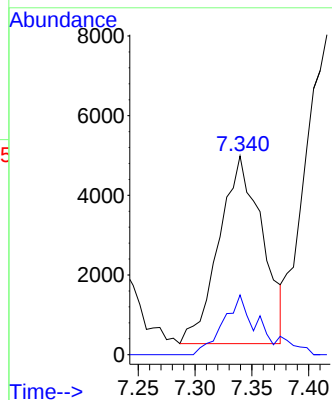
72 31.8 23.7 35.5

Manual Integrations

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#31

Cyclohexane

Concen: 50.910 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072103.D

Acq: 21 Apr 2022 02:18

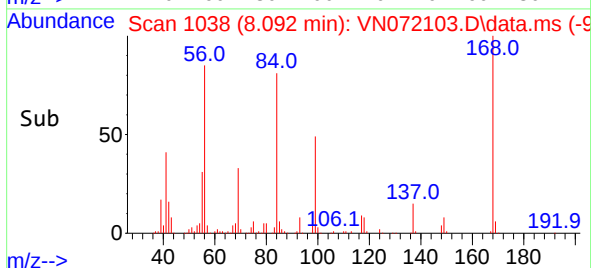
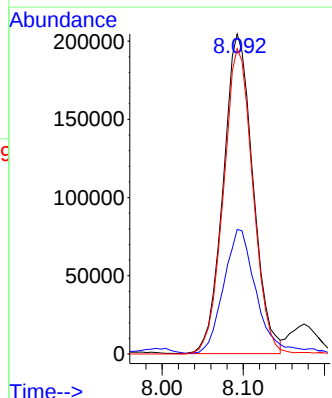
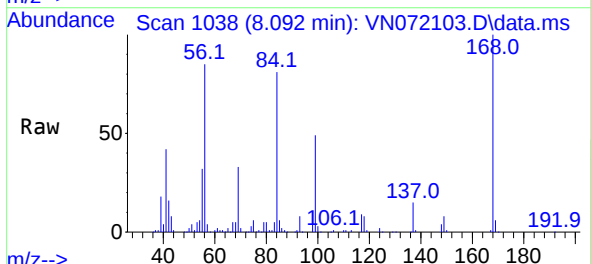
Tgt Ion: 56 Resp: 519905

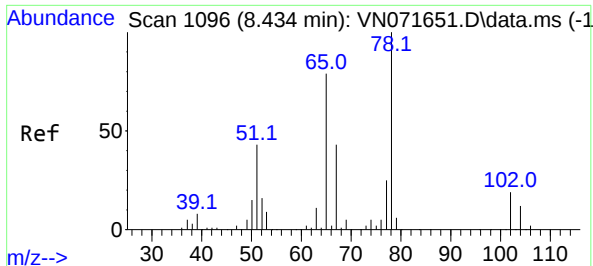
Ion Ratio Lower Upper

56 100

69 38.5 27.8 41.8

84 95.5 76.9 115.3





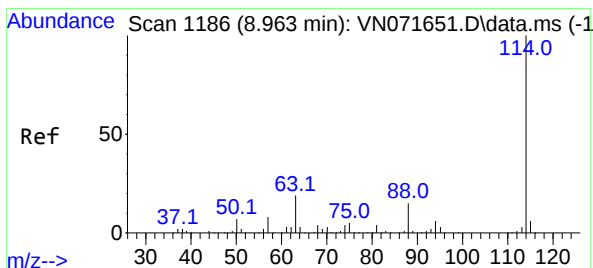
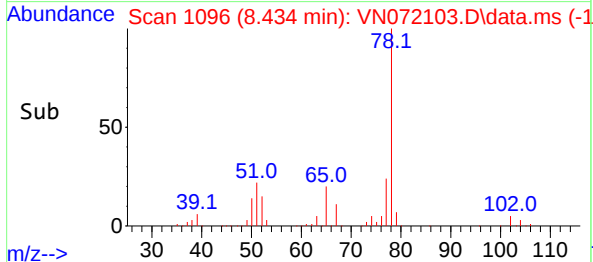
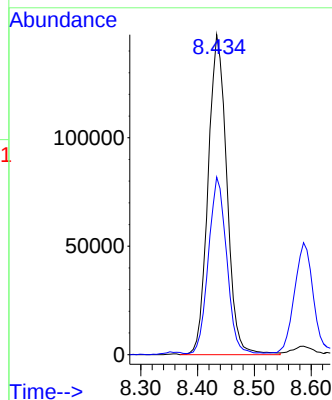
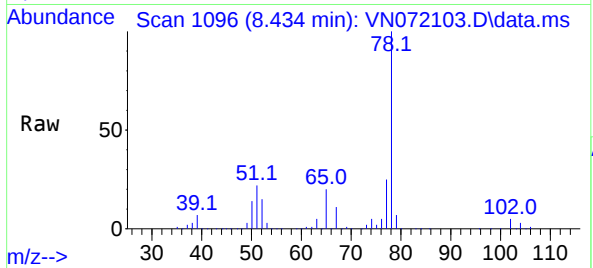
#33
1,2-Dichloroethane-d4
Concen: 44.838 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Tgt Ion: 65 Resp: 336699
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.8

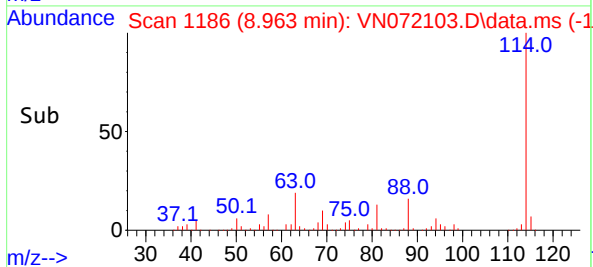
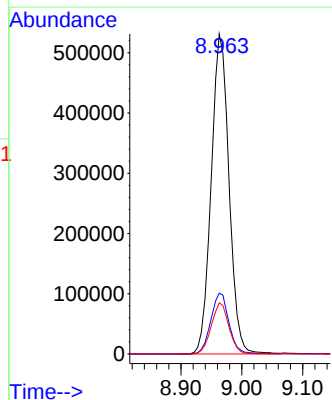
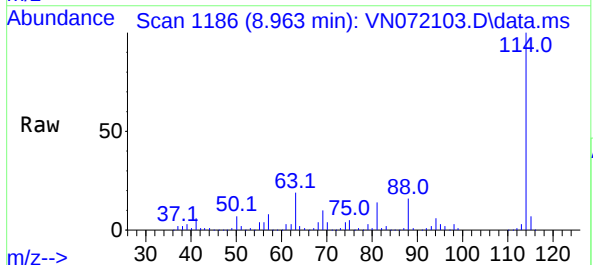
Manual Integrations
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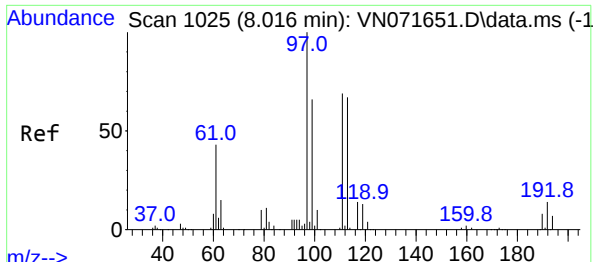
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

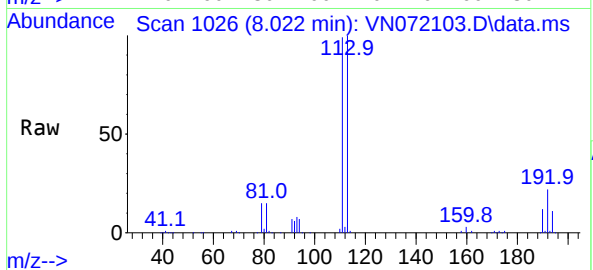
Tgt Ion:114 Resp: 1081076
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.536 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

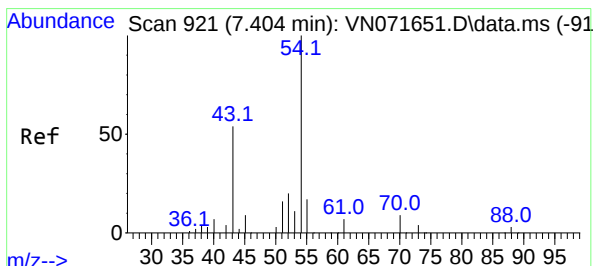
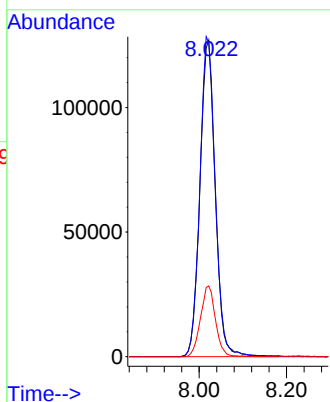
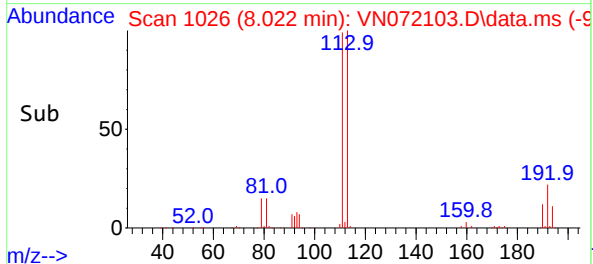
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



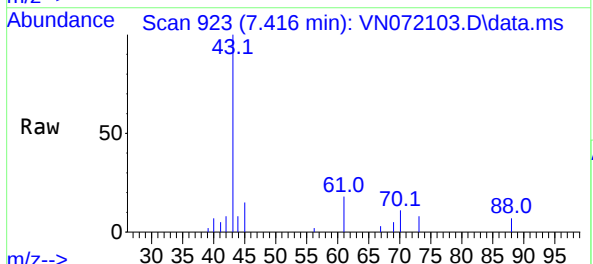
Tgt Ion: 113 Resp: 30876
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 21.8 17.0 25.6

Manual Integrations
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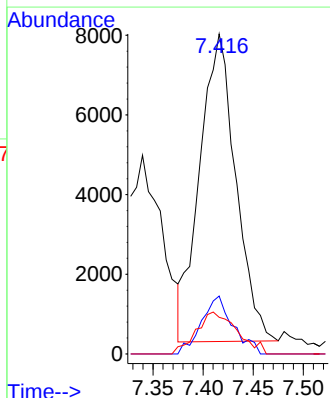
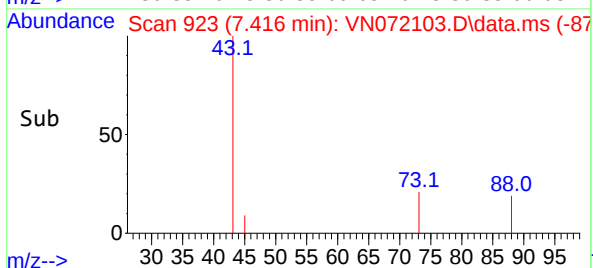
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

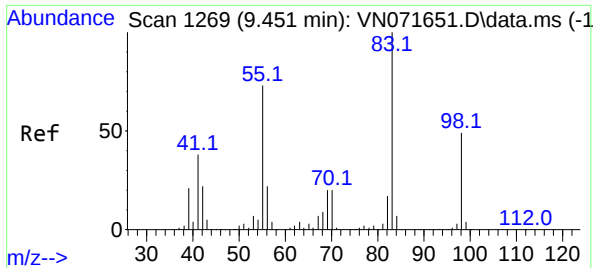


#37
Ethyl Acetate
Concen: 1.988 ug/l
RT: 7.416 min Scan# 923
Delta R.T. 0.012 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18



Tgt Ion: 43 Resp: 19334
Ion Ratio Lower Upper
43 100
61 16.4 11.8 17.6
70 15.3 9.3 13.9#





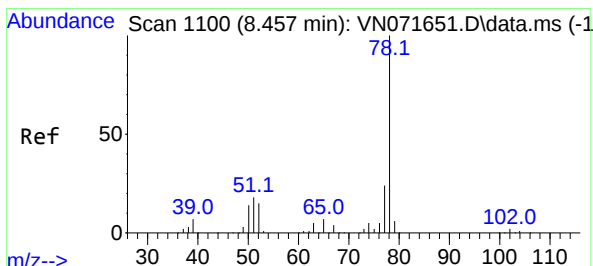
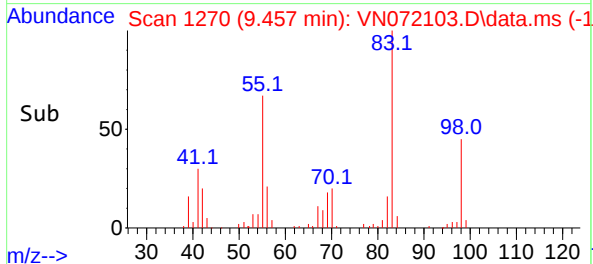
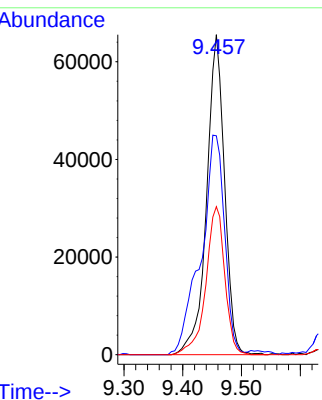
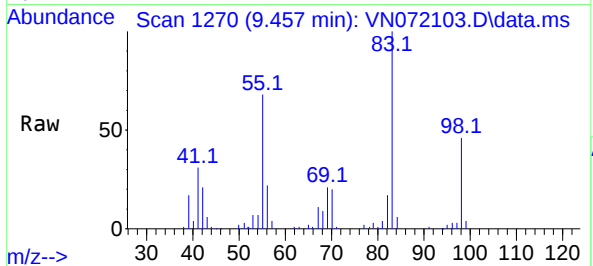
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Methylcyclohexane
Concen: 13.110 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Tgt Ion: 83 Resp: 13863
Ion Ratio Lower Upper
83 100
55 68.4 57.8 86.8
98 46.3 39.4 59.2

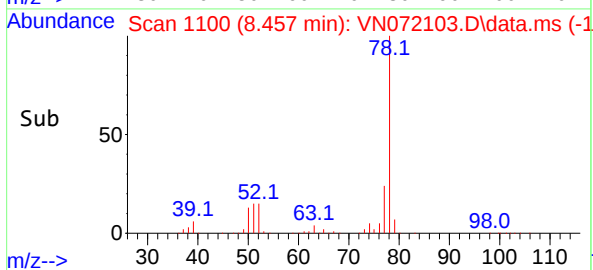
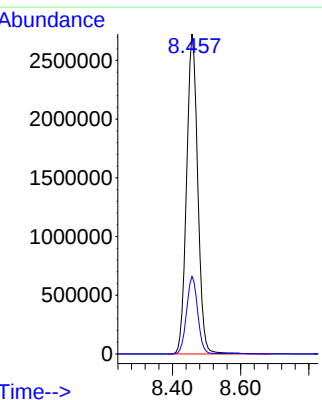
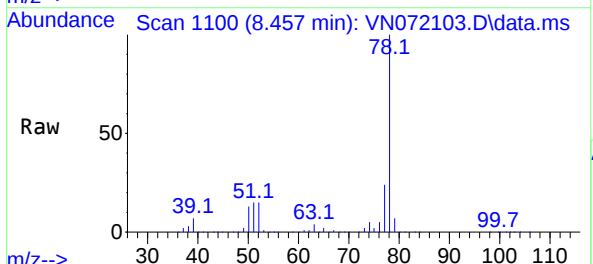
Manual Integrations
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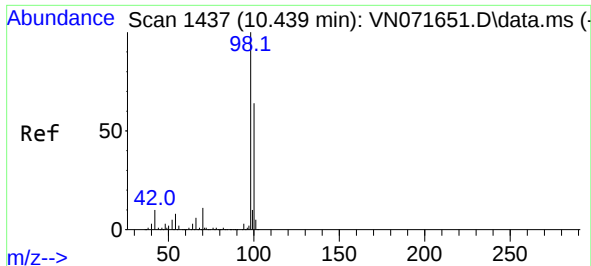
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#40
Benzene
Concen: 221.285 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

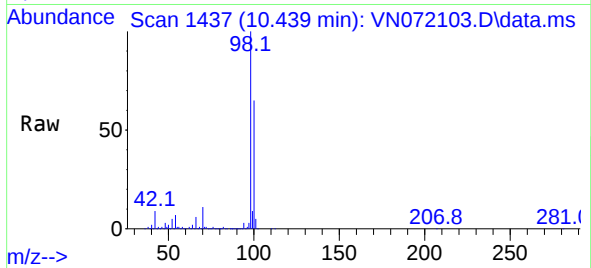
Tgt Ion: 78 Resp: 6209899
Ion Ratio Lower Upper
78 100
77 24.2 19.4 29.0





#50
Toluene-d8
Concen: 53.980 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

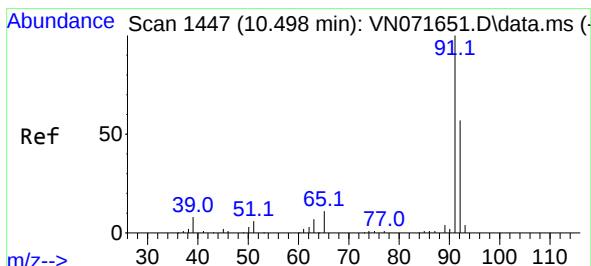
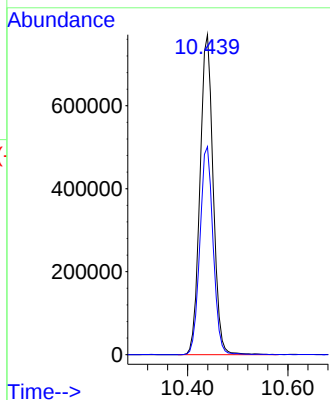
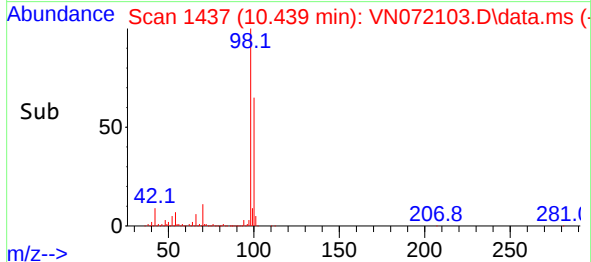
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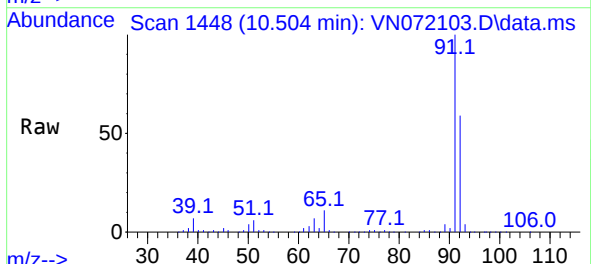
Tgt Ion: 98 Resp: 140474
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8

Manual Integrations
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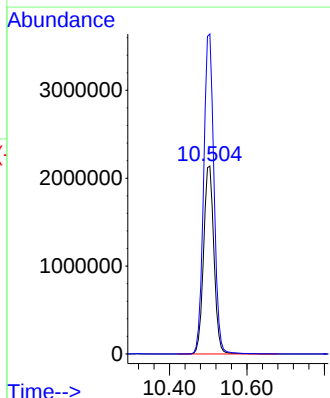
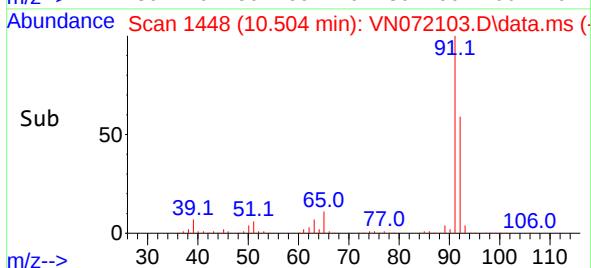
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

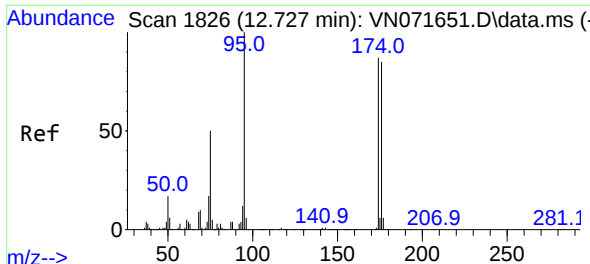


#52
Toluene
Concen: 223.423 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18



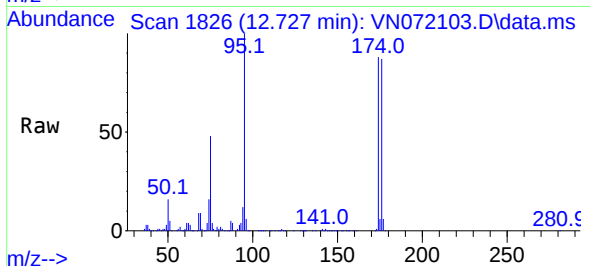
Tgt Ion: 92 Resp: 3963379
Ion Ratio Lower Upper
92 100
91 170.6 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 64.925 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

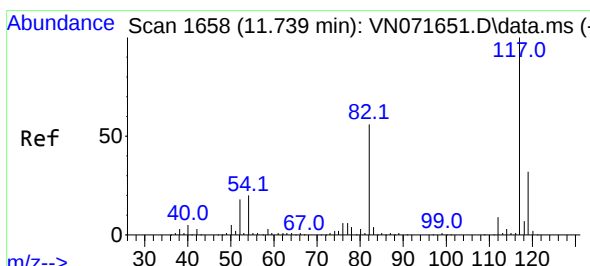
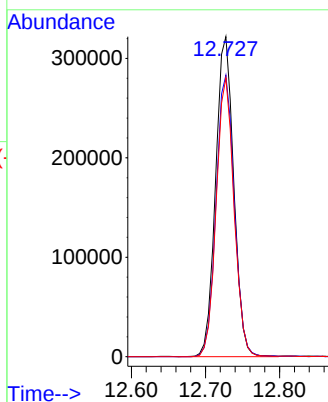
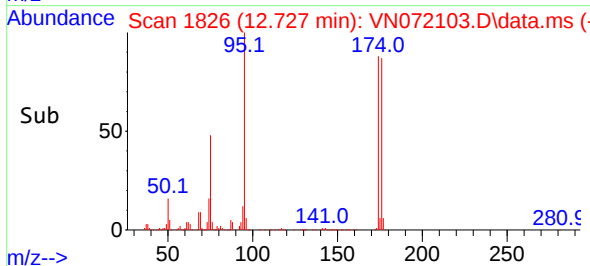
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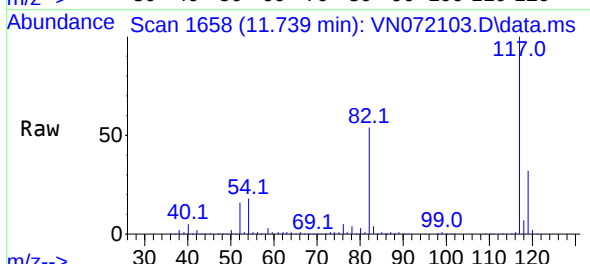
Tgt Ion: 95 Resp: 546435
Ion Ratio Lower Upper
95 100
174 88.5 0.0 167.6
176 85.5 0.0 163.4

Manual Integrations
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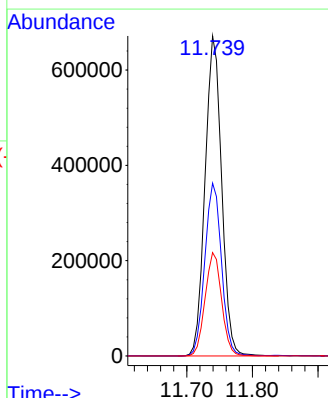
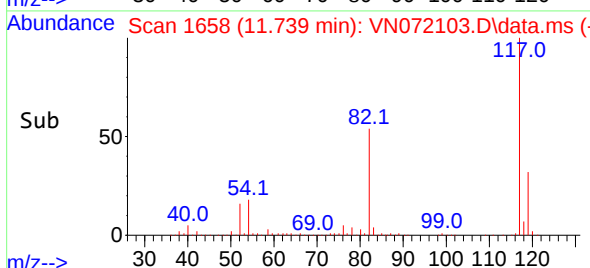
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

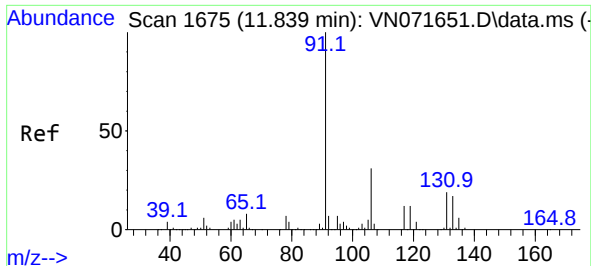


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18



Tgt Ion:117 Resp: 1182033
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.3 25.4 38.0





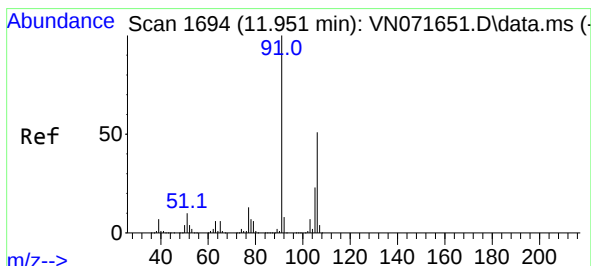
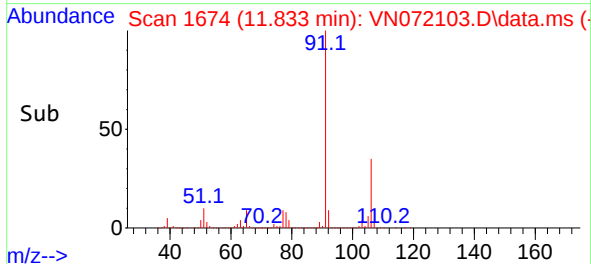
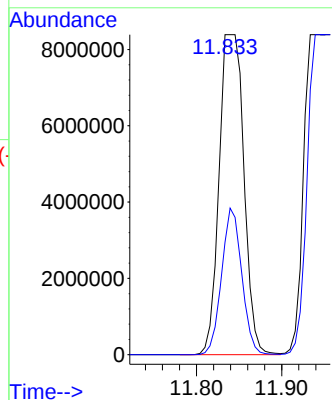
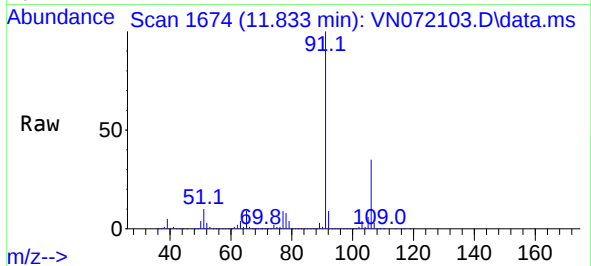
#67
Ethyl Benzene
Concen: 423.820 ug/l
RT: 11.833 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Tgt Ion: 91 Resp:16981472
Ion Ratio Lower Upper
91 100
106 35.1 24.9 37.3

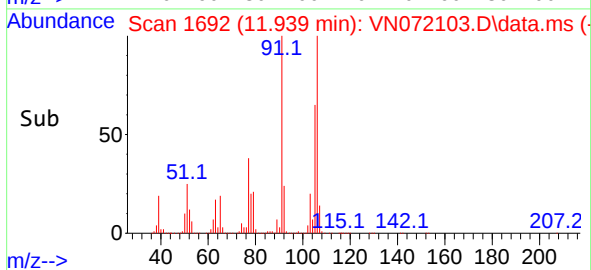
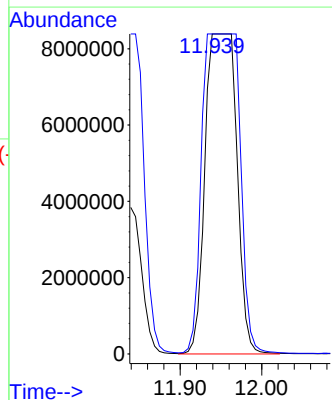
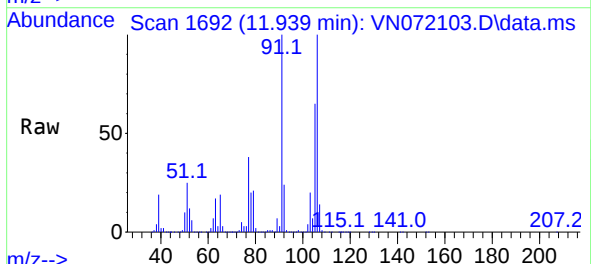
Manual Integrations
APPROVED

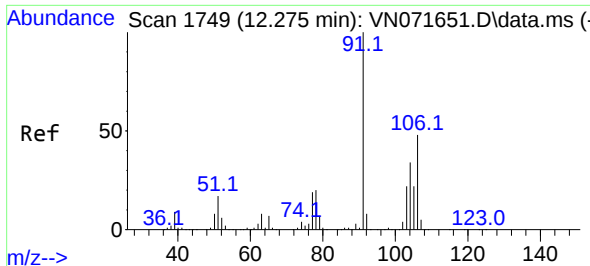
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#68
m/p-Xylenes
Concen: 1455.465 ug/l m
RT: 11.939 min Scan# 1692
Delta R.T. -0.012 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

Tgt Ion:106 Resp:22406808
Ion Ratio Lower Upper
106 100
91 75.8 158.9 238.3#





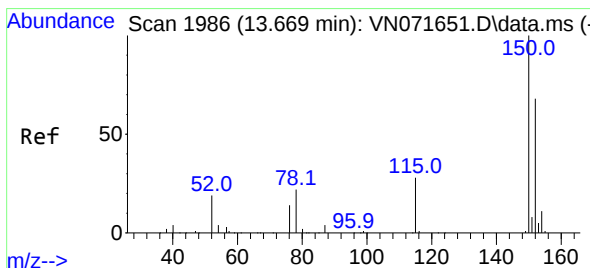
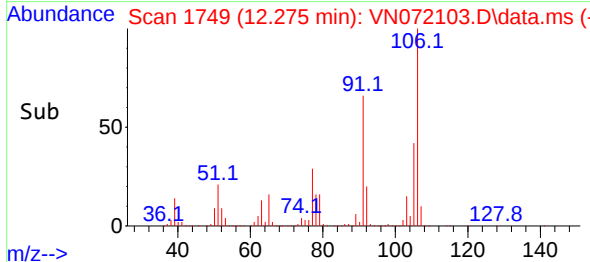
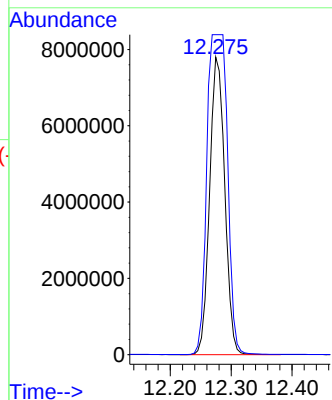
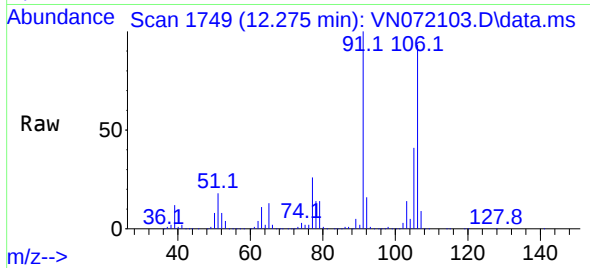
#69
o-Xylene
Concen: 879.512 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

Instrument :
MSVOA_N
ClientSampleId :
MW-14R

Tgt Ion:106 Resp:13439370
Ion Ratio Lower Upper
106 100
91 146.3 106.0 318.0

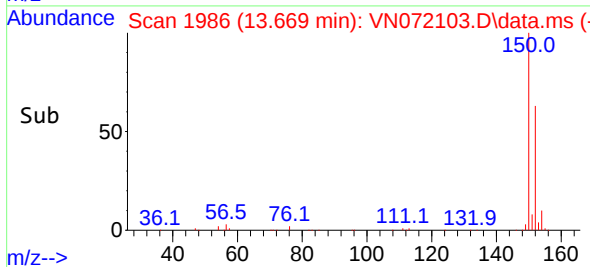
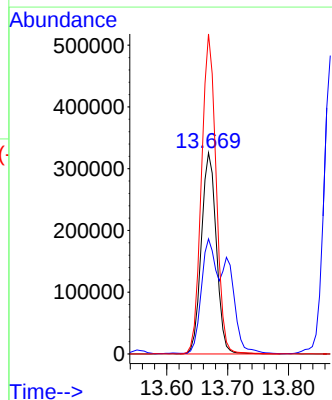
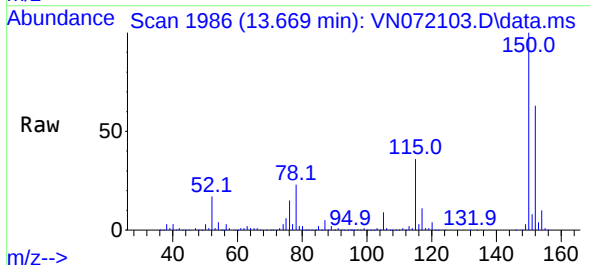
Manual Integrations
APPROVED

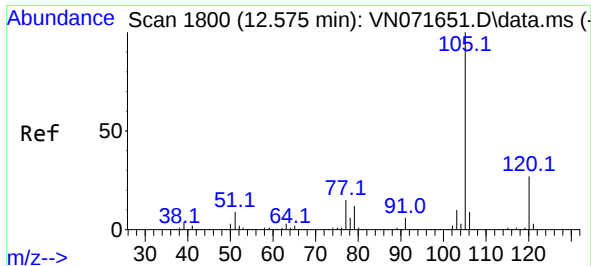
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

Tgt Ion:152 Resp: 556506
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.7
150 155.8 0.0 356.2





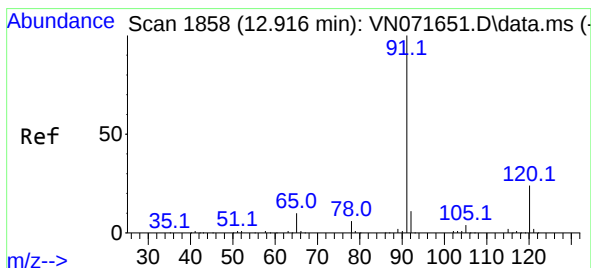
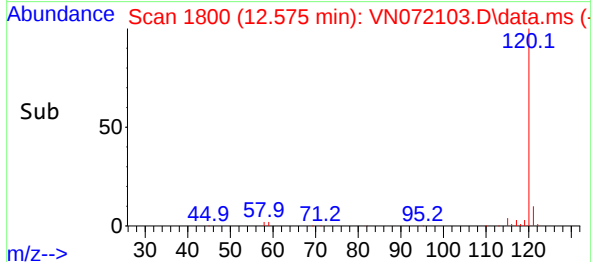
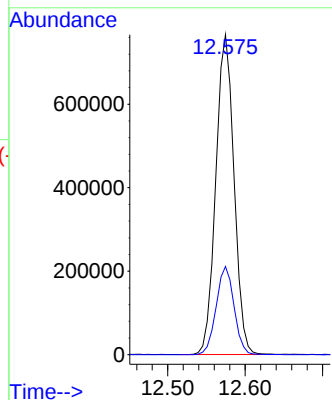
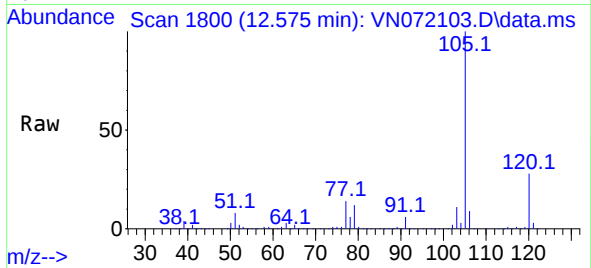
#73
Isopropylbenzene
Concen: 26.733 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

Instrument : MSVOA_N
ClientSampleId : MW-14R

Tgt Ion:105 Resp: 125363
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

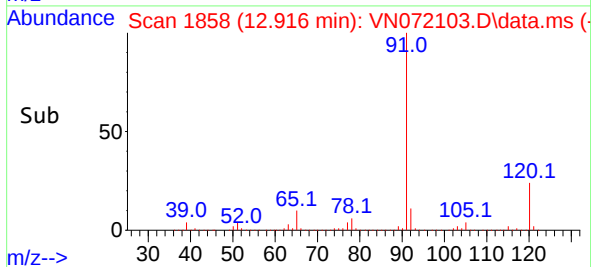
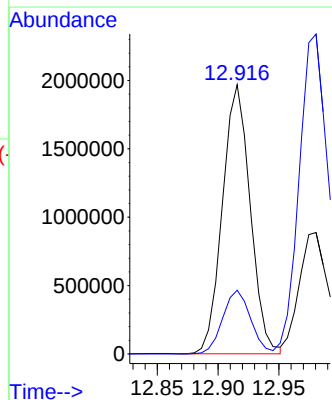
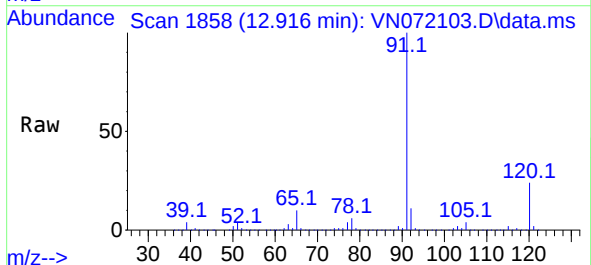
Manual Integrations
APPROVED

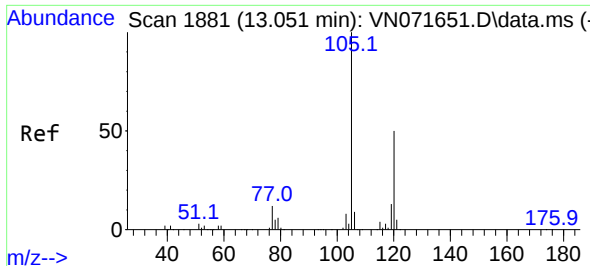
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#78
n-propylbenzene
Concen: 63.378 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

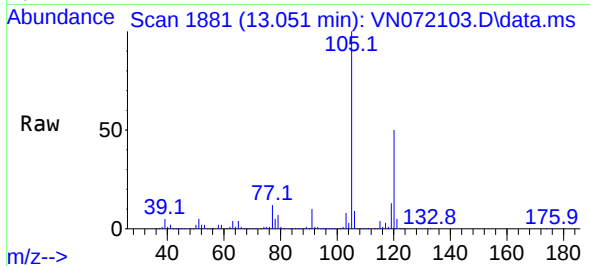
Tgt Ion: 91 Resp: 3126392
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 119.956 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

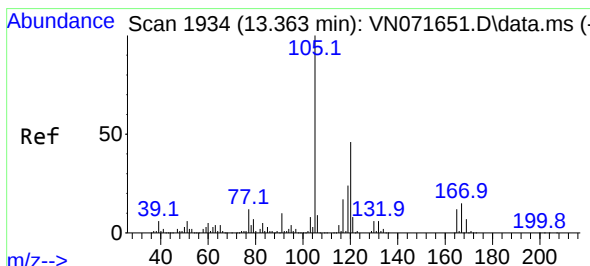
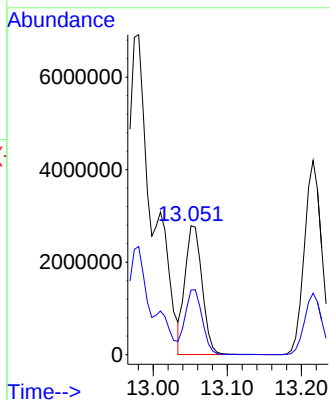
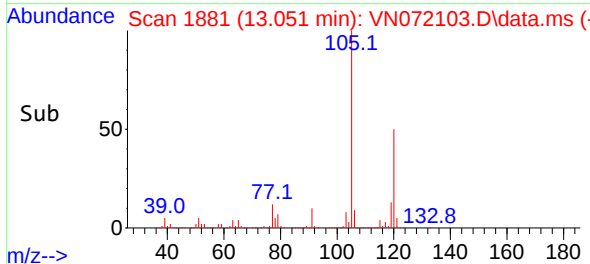
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



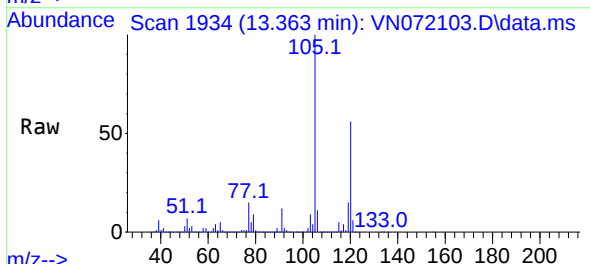
Tgt Ion:105 Resp: 4457049
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7

Manual Integrations
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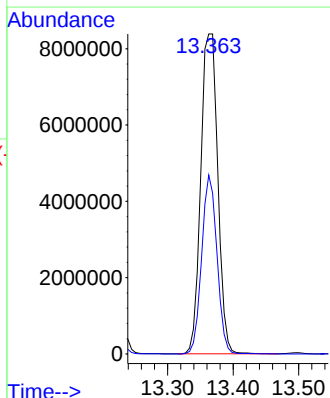
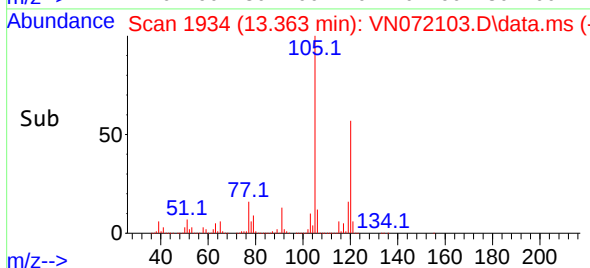
Reviewed By :John Carbone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

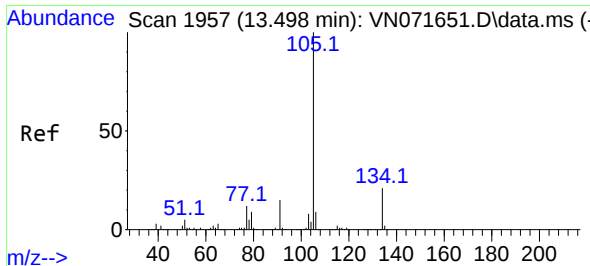


#84
1,2,4-Trimethylbenzene
Concen: 418.730 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18



Tgt Ion:105 Resp:15180089
Ion Ratio Lower Upper
105 100
120 50.1 23.3 69.8





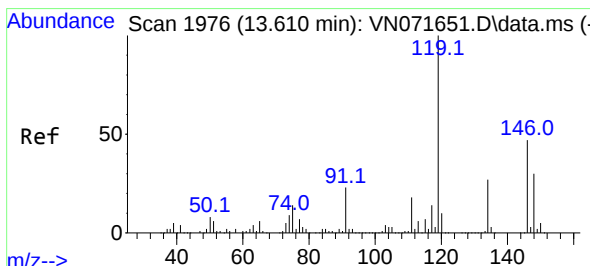
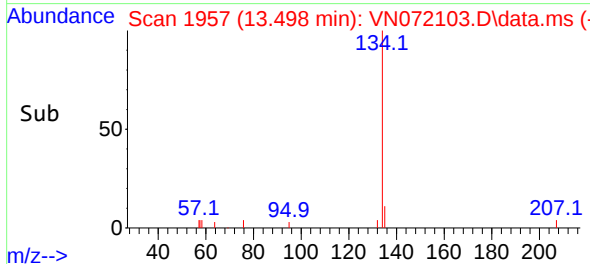
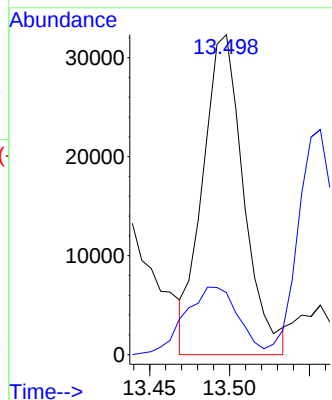
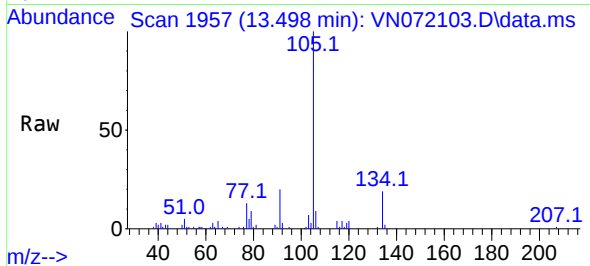
#85
 sec-Butylbenzene
 Concen: 1.311 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072103.D
 Acq: 21 Apr 2022 02:18

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14R

Tgt Ion:105 Resp: 5771
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

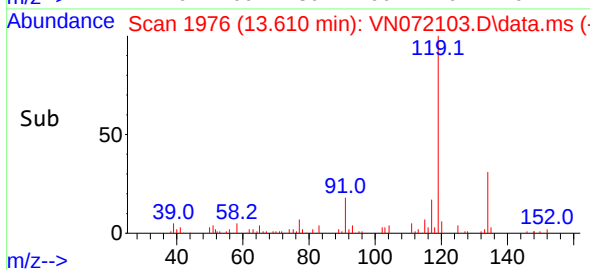
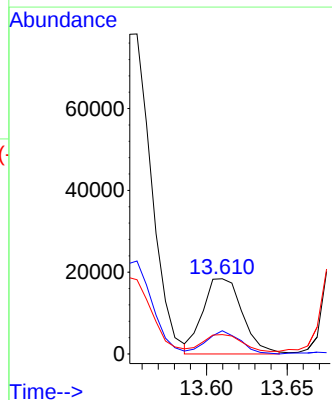
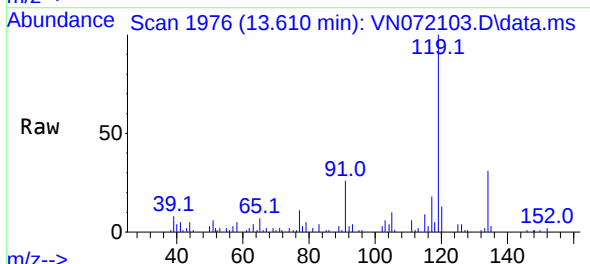
Manual Integrations
 APPROVED

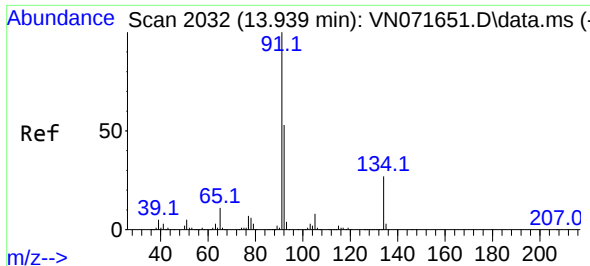
Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



#86
 p-Isopropyltoluene
 Concen: 0.894 ug/l m
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072103.D
 Acq: 21 Apr 2022 02:18

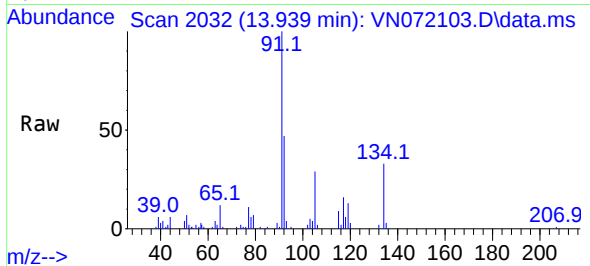
Tgt Ion:119 Resp: 31391
 Ion Ratio Lower Upper
 119 100
 134 117.6 13.3 39.8#
 91 0.0 11.3 33.9#





#89
n-Butylbenzene
Concen: 0.928 ug/l m
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18

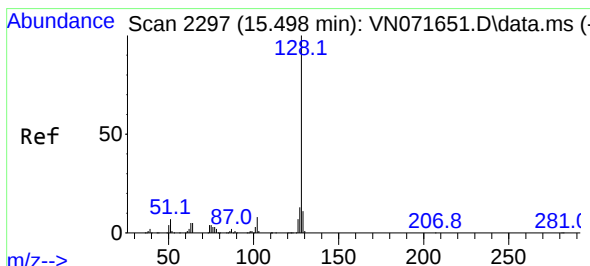
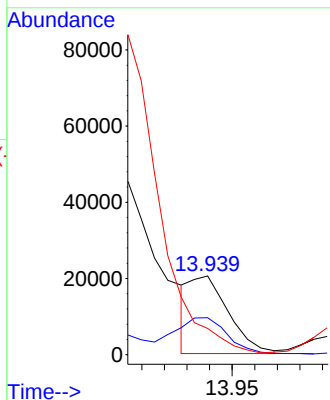
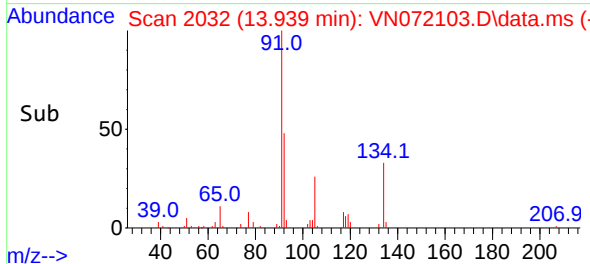
Instrument :
MSVOA_N
ClientSampleId :
MW-14R



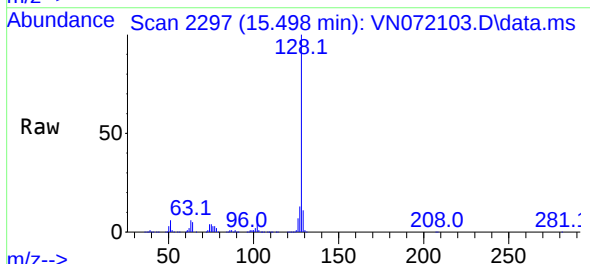
Tgt Ion: 91 Resp: 2415
Ion Ratio Lower Upper
91 100
92 246.8 26.9 80.7
134 153.9 13.6 40.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#95
Naphthalene
Concen: 98.139 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072103.D
Acq: 21 Apr 2022 02:18



Tgt Ion:128 Resp: 2587447
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.0 8.6 13.0

