

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072106.D
 Acq On : 21 Apr 2022 03:30
 Operator : JC\MD
 Sample : N2482-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R

Quant Time: Apr 21 07:13:53 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	715887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1187652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1256709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	548063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	373038	45.644	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.280%		
35) Dibromofluoromethane	8.022	113	334875	47.917	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.840%		
50) Toluene-d8	10.439	98	1417928	49.597	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.200%		
62) 4-Bromofluorobenzene	12.727	95	574993	62.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	124.380%		
Target Compounds					Qvalue	
16) Acetone	4.281	43	75113	21.506	ug/l #	79
25) 2-Butanone	7.339	43	7792	1.548	ug/l	91
31) Cyclohexane	8.092	56	237488	21.368	ug/l #	91
37) Ethyl Acetate	7.416	43	16659	1.560	ug/l #	86
39) Methylcyclohexane	9.457	83	90795	7.816	ug/l	98
40) Benzene	8.457	78	350322	11.363	ug/l	99
52) Toluene	10.504	92	873990	44.847	ug/l	100
67) Ethyl Benzene	11.839	91	6210055	145.780	ug/l	98
68) m/p-Xylenes	11.951	106	2754562	168.294	ug/l	99
69) o-Xylene	12.274	106	782200	48.148	ug/l	98
73) Isopropylbenzene	12.574	105	525193	11.372	ug/l	99
78) n-propylbenzene	12.915	91	1435107	29.540	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	726710	19.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	4351979	121.895	ug/l	99
85) sec-Butylbenzene	13.498	105	50761m	1.171	ug/l	
86) p-Isopropyltoluene	13.609	119	23490	0.679	ug/l #	77
95) Naphthalene	15.498	128	454650	20.634	ug/l	100

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

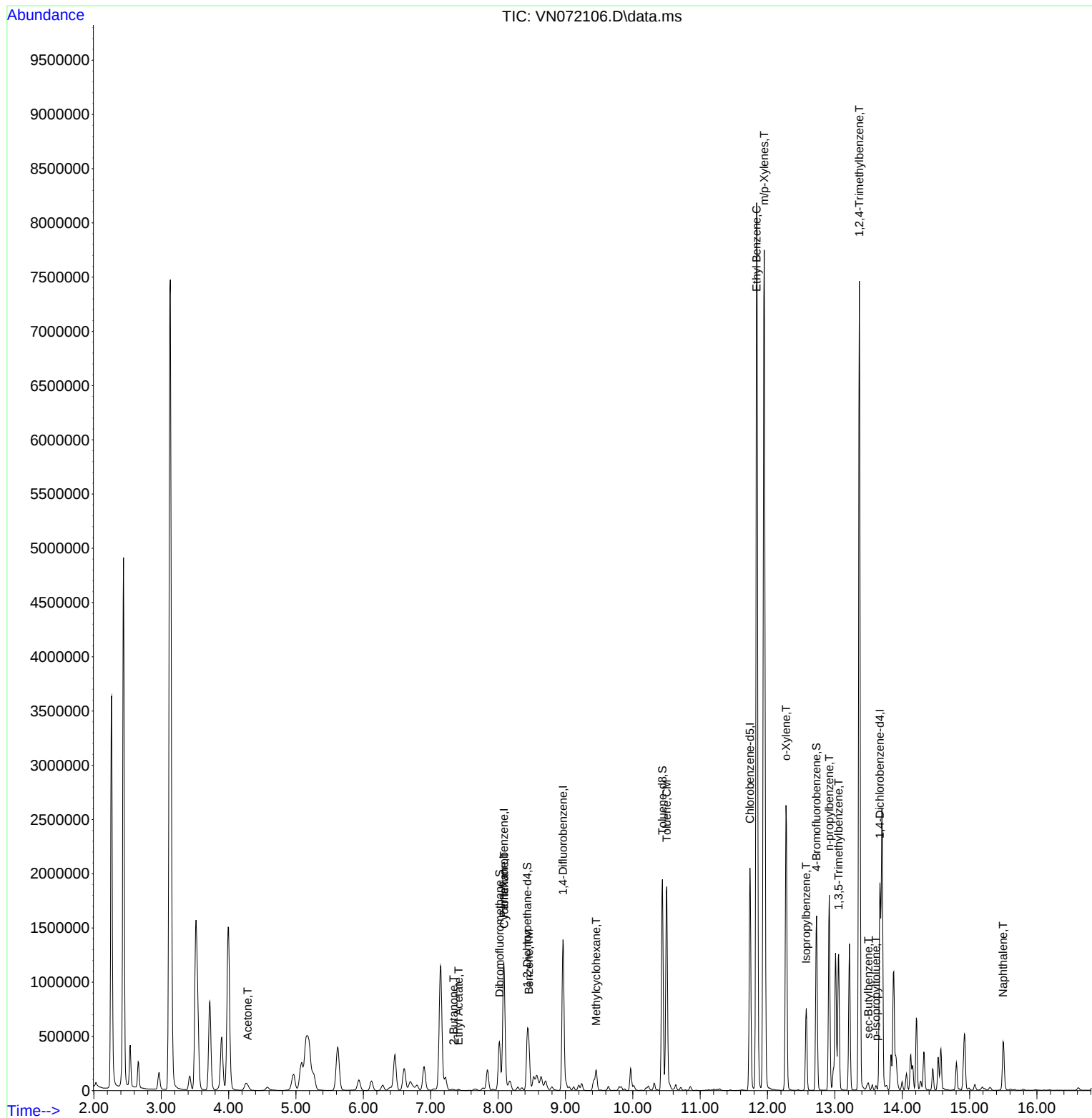
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072106.D
Acq On : 21 Apr 2022 03:30
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Misc : 5.0mL/MSVOA_N/WATER
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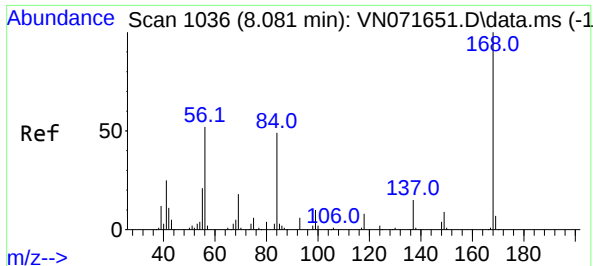
Instrument :
MSVOA_N
ClientSampleId :
MW-9R

Quant Time: Apr 21 07:13:53 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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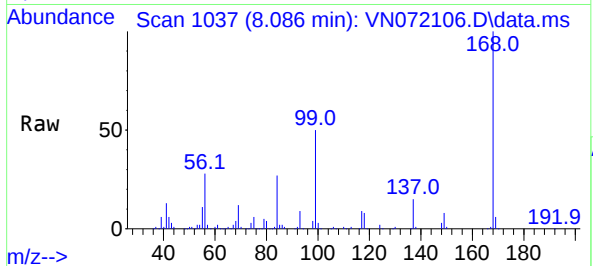
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022





Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

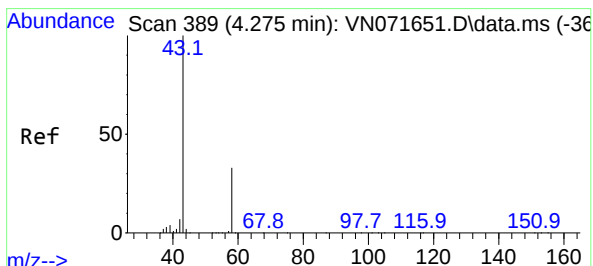
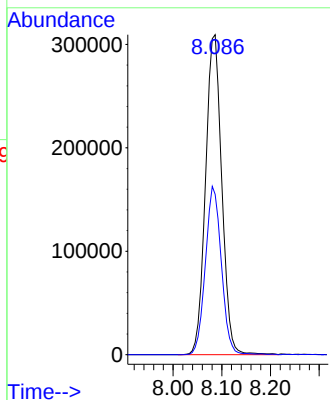
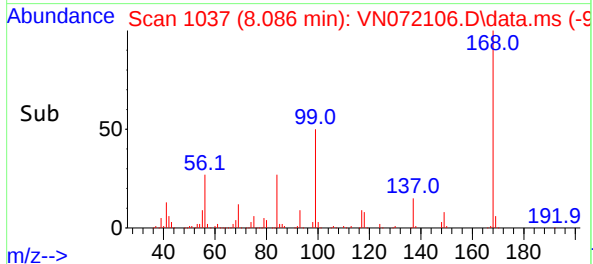
Instrument :
MSVOA_N
ClientSampleId :
MW-9R



Tgt Ion:168 Resp: 71588
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5

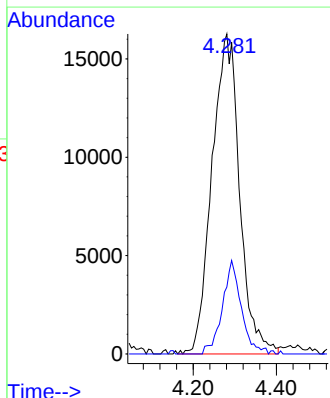
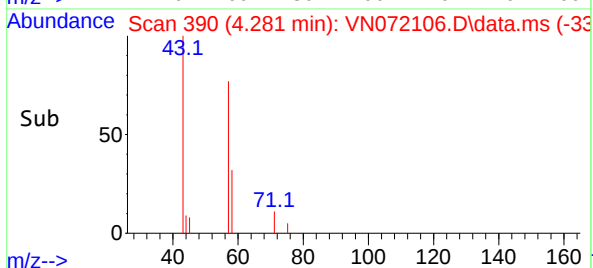
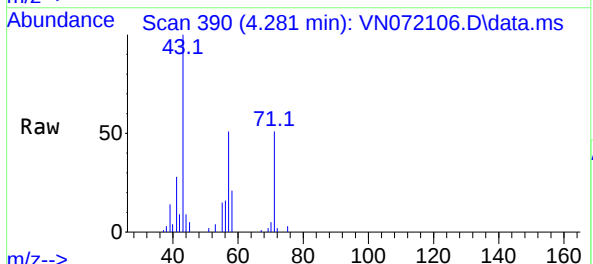
Manual Integrations
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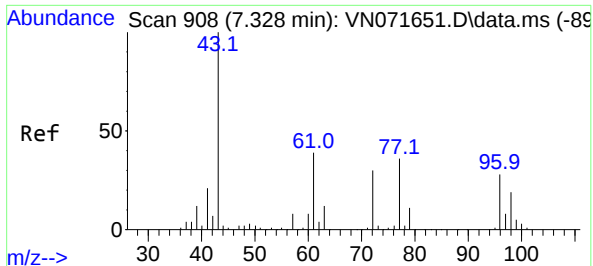
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



Acetone
Concen: 21.506 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

Tgt Ion: 43 Resp: 75113
Ion Ratio Lower Upper
43 100
58 20.9 26.0 39.0#





#25

2-Butanone

Concen: 1.548 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.011 min

Lab File: VN072106.D

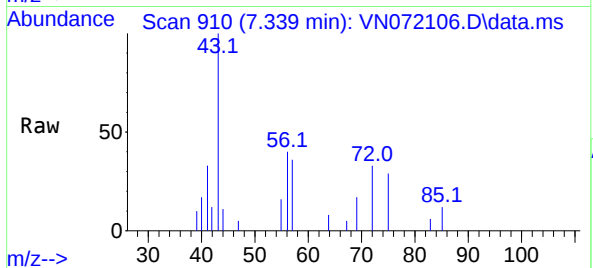
Acq: 21 Apr 2022 03:30

Instrument :

MSVOA_N

ClientSampleId :

MW-9R



Tgt Ion: 43 Resp: 7792

Ion Ratio Lower Upper

43 100

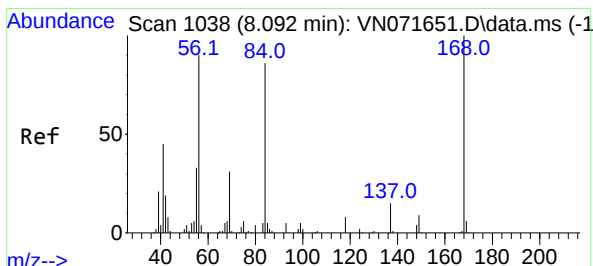
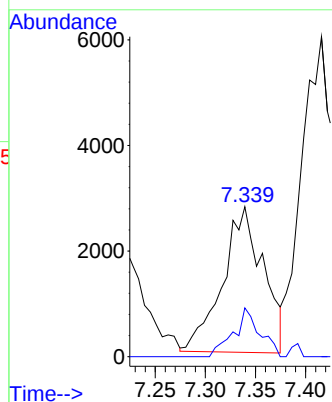
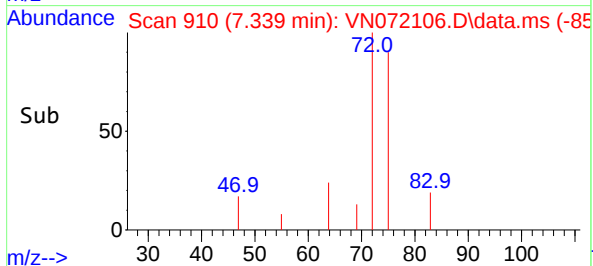
72 34.6 23.7 35.5

Manual Integrations

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Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022



#31

Cyclohexane

Concen: 21.368 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072106.D

Acq: 21 Apr 2022 03:30

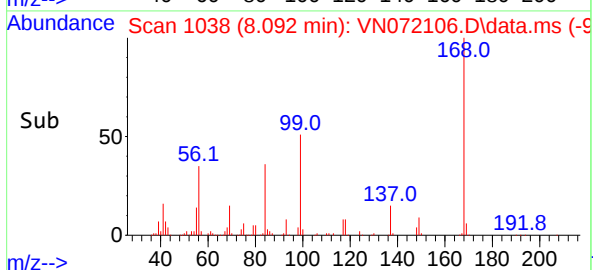
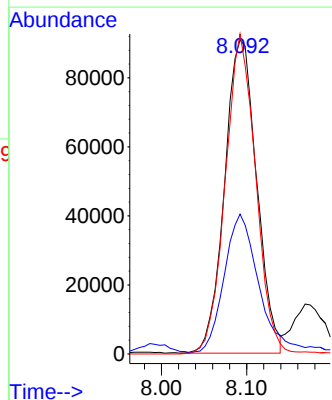
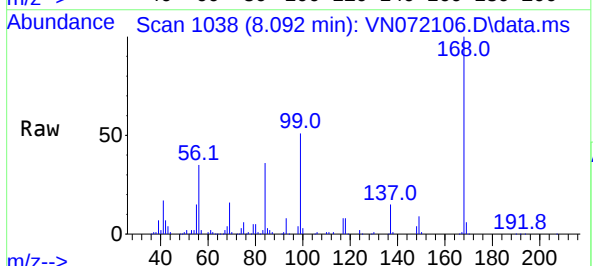
Tgt Ion: 56 Resp: 237488

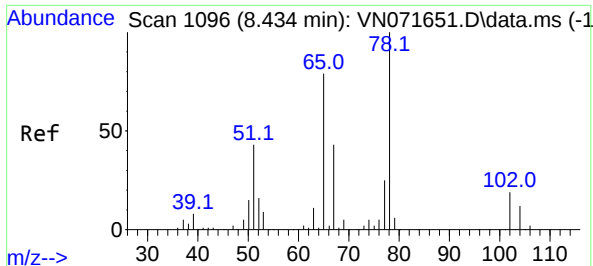
Ion Ratio Lower Upper

56 100

69 43.9 27.8 41.8#

84 102.2 76.9 115.3





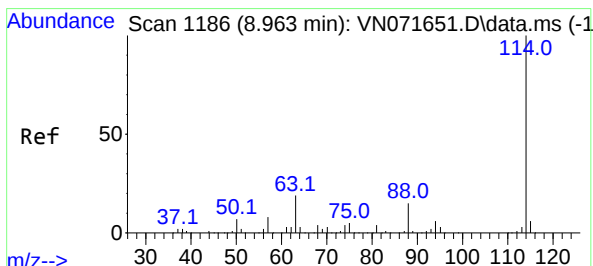
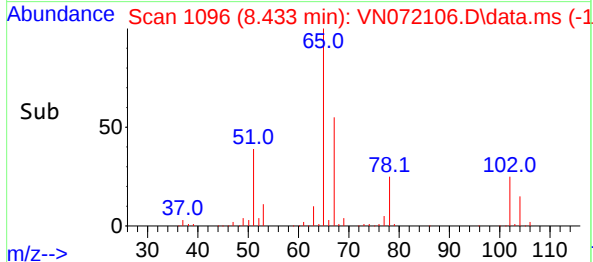
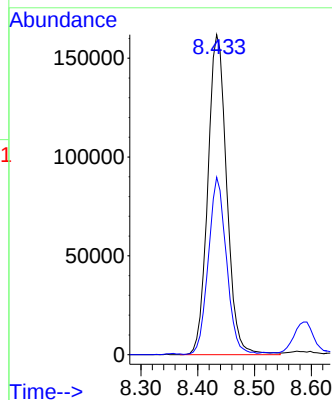
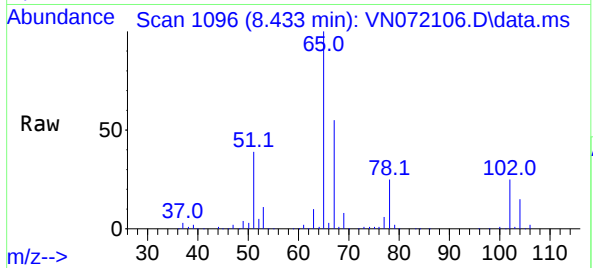
#33
1,2-Dichloroethane-d4
Concen: 45.644 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

Instrument :
MSVOA_N
ClientSampleId :
MW-9R

Tgt Ion: 65 Resp: 373038
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.8

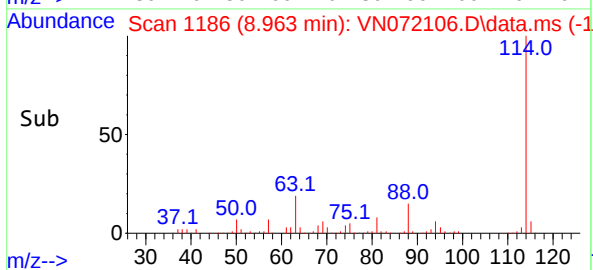
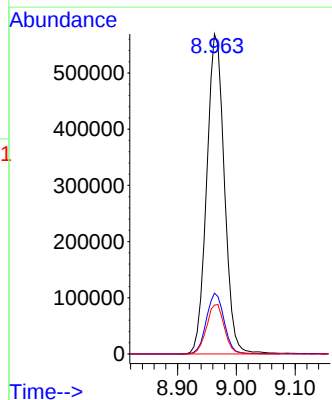
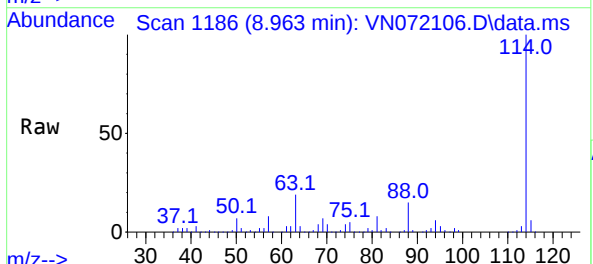
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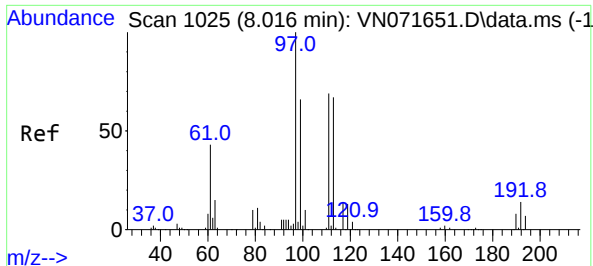
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

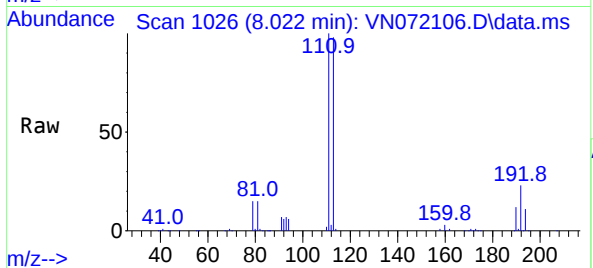
Tgt Ion:114 Resp: 1187652
Ion Ratio Lower Upper
114 100
63 19.0 0.0 40.0
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.917 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

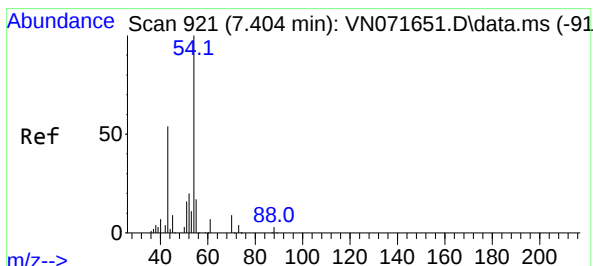
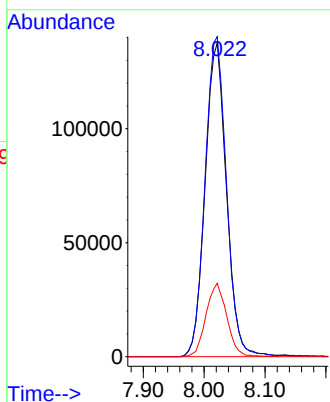
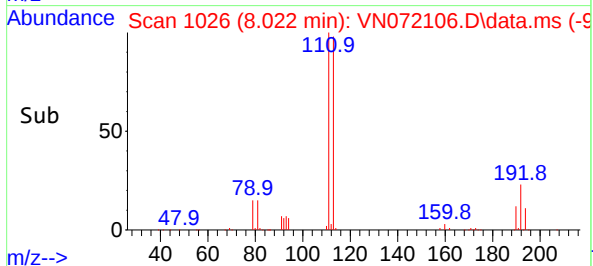
Instrument :
MSVOA_N
ClientSampleId :
MW-9R



Tgt Ion: 113 Resp: 334875
Ion Ratio Lower Upper
113 100
111 102.8 81.4 122.0
192 22.8 17.0 25.6

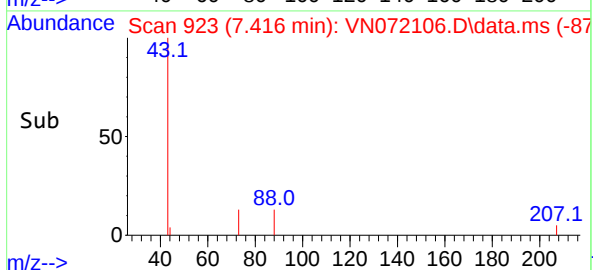
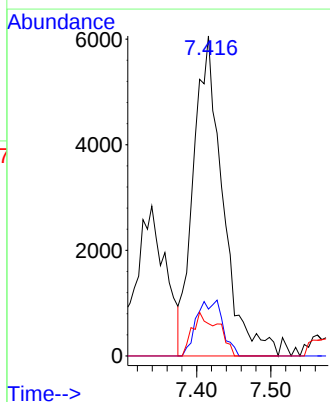
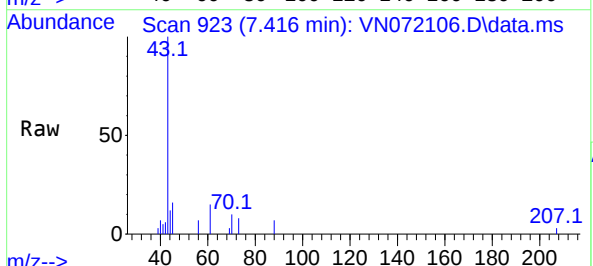
Manual Integrations
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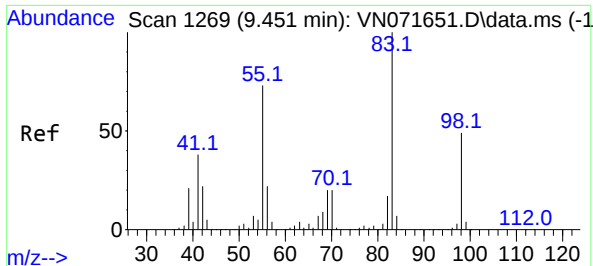
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#37
Ethyl Acetate
Concen: 1.560 ug/l
RT: 7.416 min Scan# 923
Delta R.T. 0.012 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

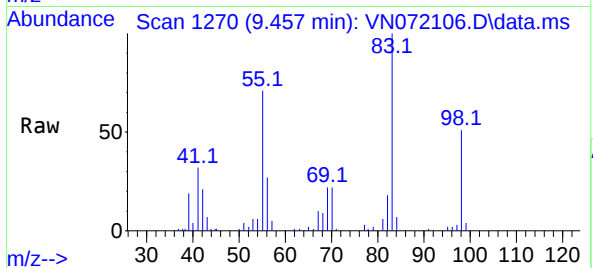
Tgt Ion: 43 Resp: 16659
Ion Ratio Lower Upper
43 100
61 15.5 11.8 17.6
70 0.0 9.3 13.9#





#39
Methylcyclohexane
Concen: 7.816 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

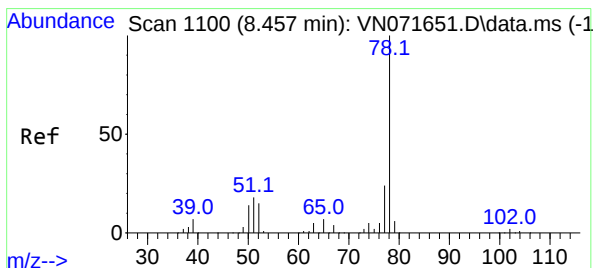
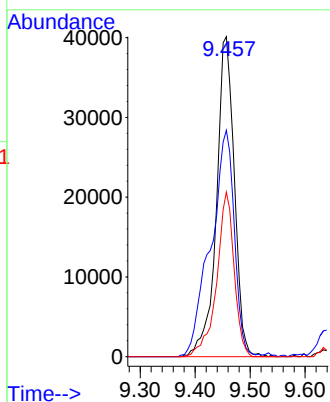
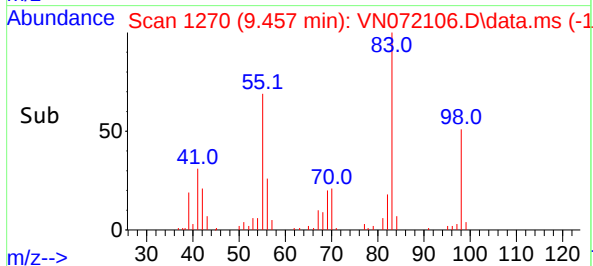
Instrument :
MSVOA_N
ClientSampleId :
MW-9R



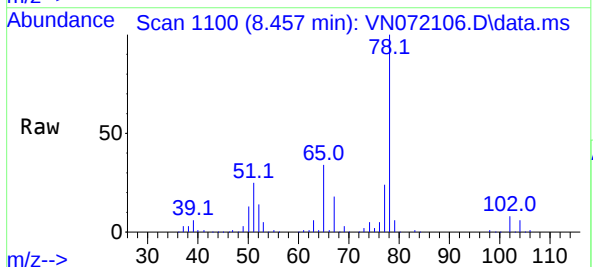
Tgt Ion: 83 Resp: 9079
Ion Ratio Lower Upper
83 100
55 70.7 57.8 86.8
98 51.4 39.4 59.2

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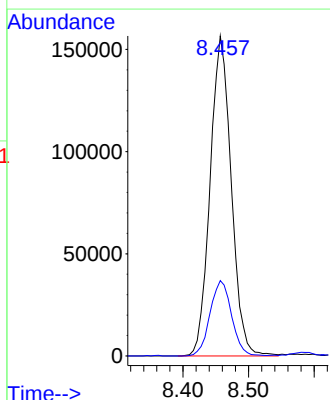
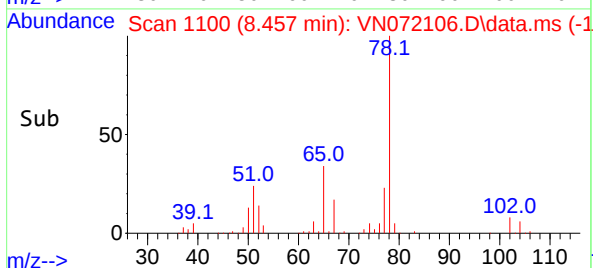
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

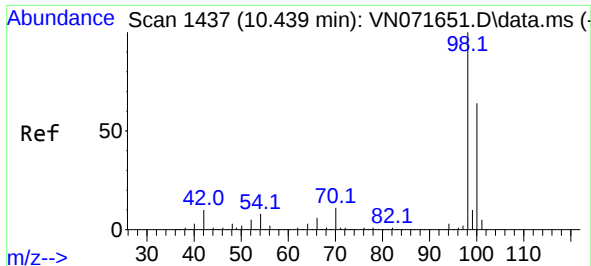


#40
Benzene
Concen: 11.363 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30



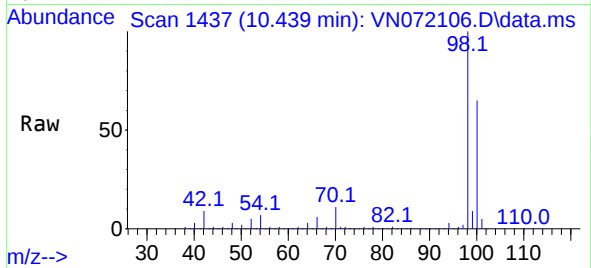
Tgt Ion: 78 Resp: 350322
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0





#50
Toluene-d8
Concen: 49.597 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

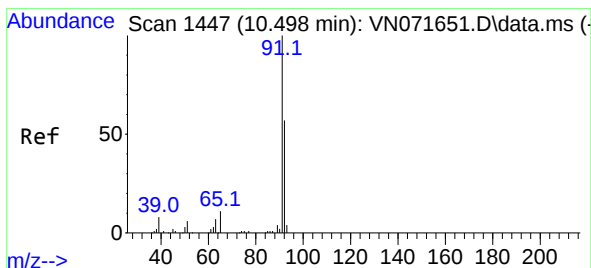
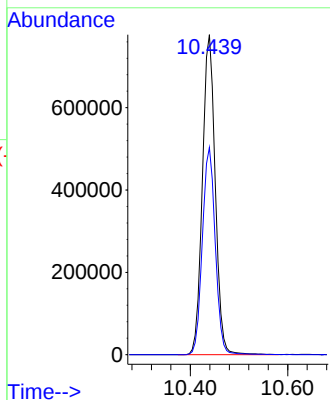
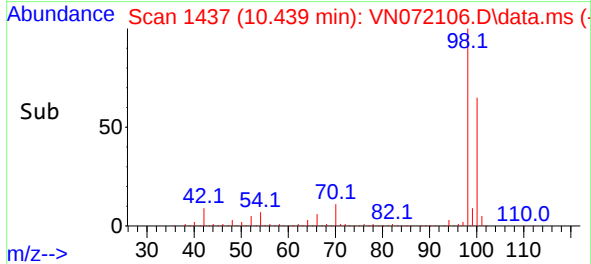
Instrument :
MSVOA_N
ClientSampleId :
MW-9R



Tgt Ion: 98 Resp: 1417928
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

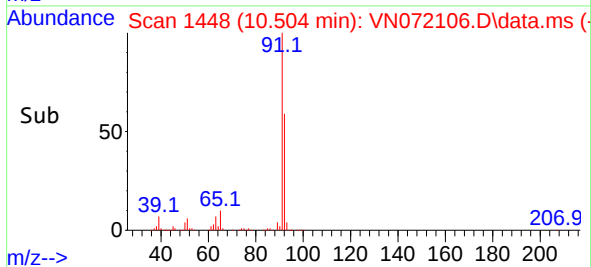
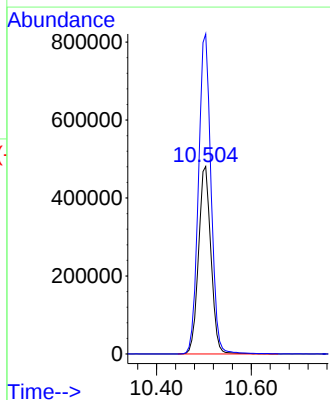
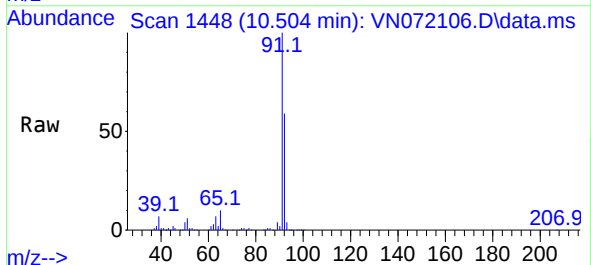
Manual Integrations
APPROVED

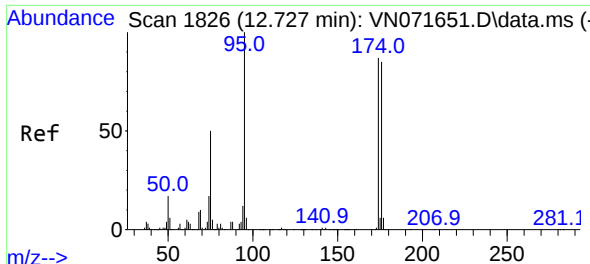
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#52
Toluene
Concen: 44.847 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

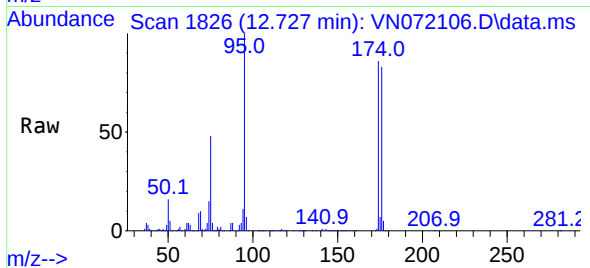
Tgt Ion: 92 Resp: 873990
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 62.188 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

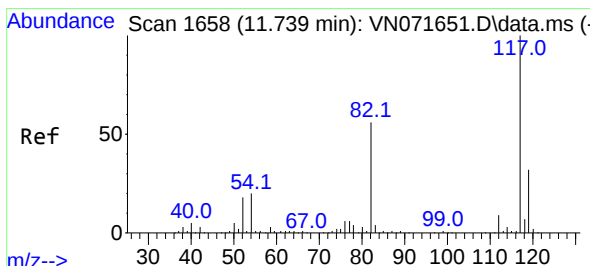
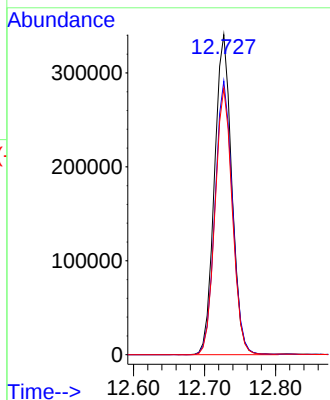
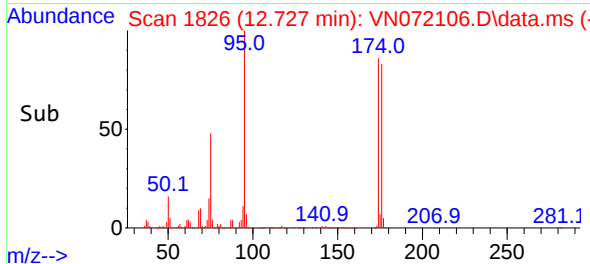
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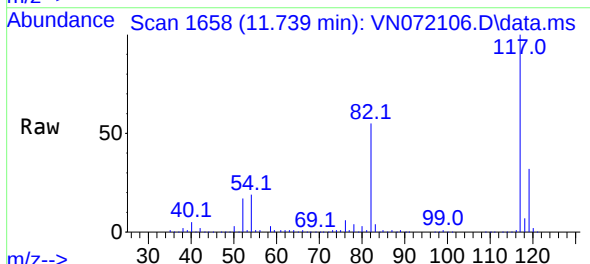
Tgt Ion: 95 Resp: 57499
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 82.9 0.0 163.4

Manual Integrations
APPROVED

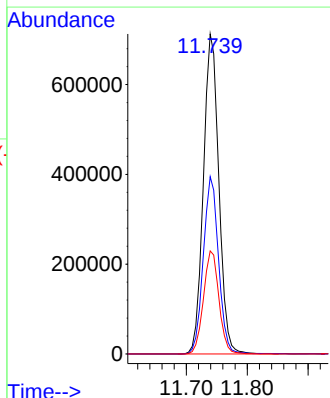
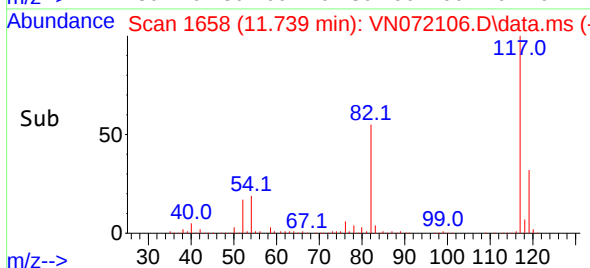
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

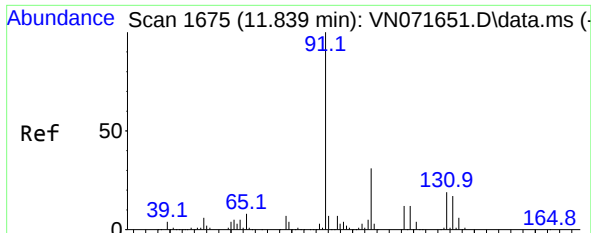


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30



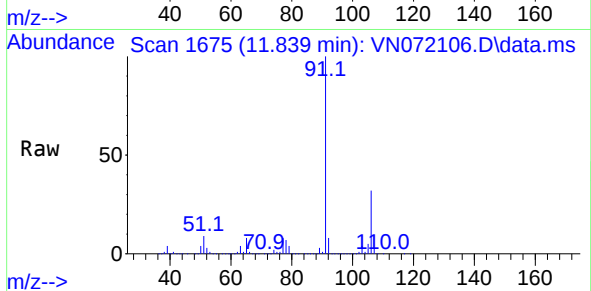
Tgt Ion:117 Resp: 1256709
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.2
119 32.2 25.4 38.0





#67
Ethyl Benzene
Concen: 145.780 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

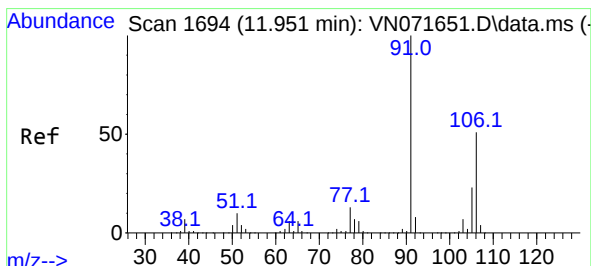
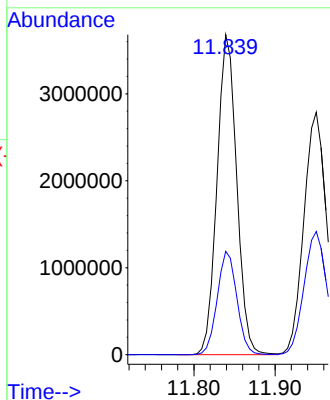
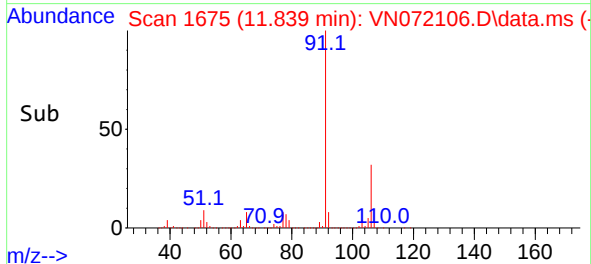
Instrument :
MSVOA_N
ClientSampleId :
MW-9R



Tgt Ion: 91 Resp: 621005
Ion Ratio Lower Upper
91 100
106 32.3 24.9 37.3

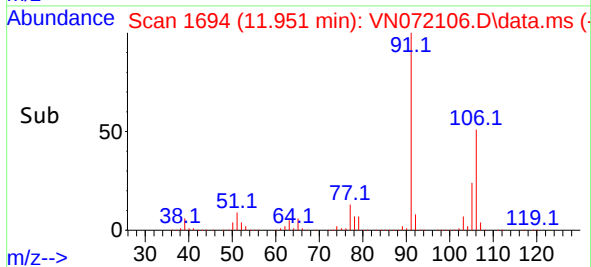
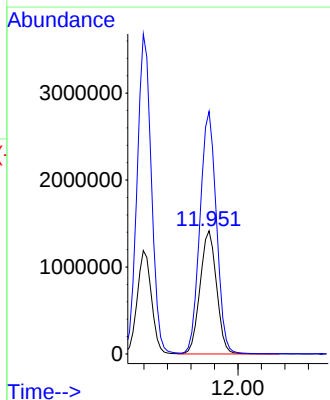
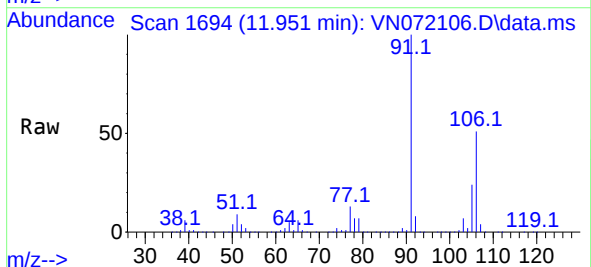
Manual Integrations
APPROVED

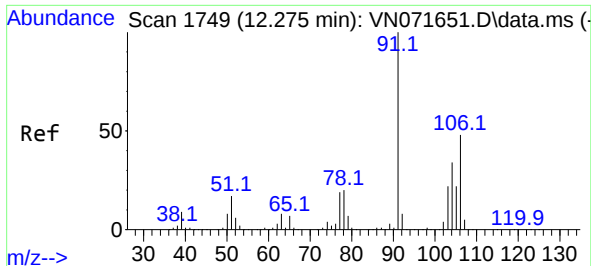
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#68
m/p-Xylenes
Concen: 168.294 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

Tgt Ion:106 Resp: 2754562
Ion Ratio Lower Upper
106 100
91 196.8 158.9 238.3





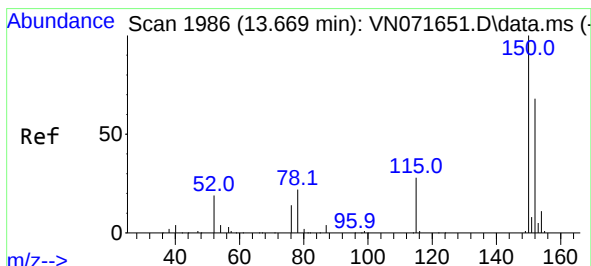
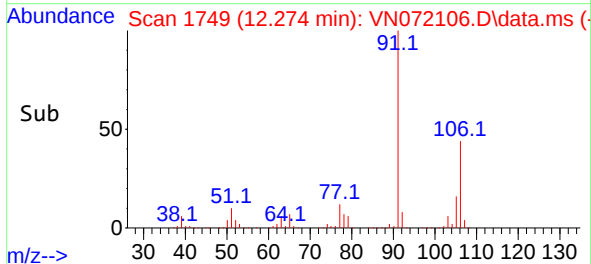
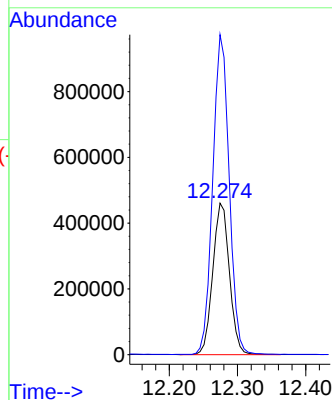
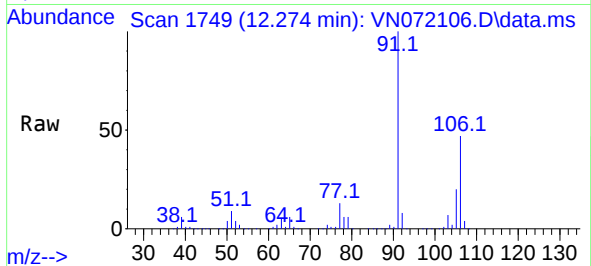
#69
o-Xylene
Concen: 48.148 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

Instrument :
MSVOA_N
ClientSampleId :
MW-9R

Tgt Ion:106 Resp: 782200
Ion Ratio Lower Upper
106 100
91 208.8 106.0 318.0

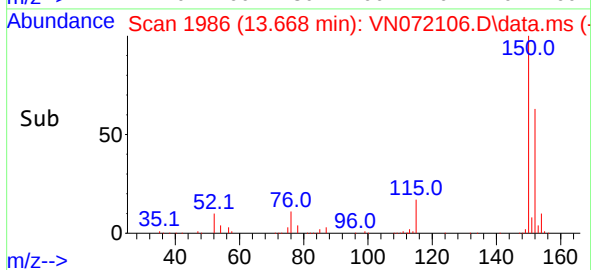
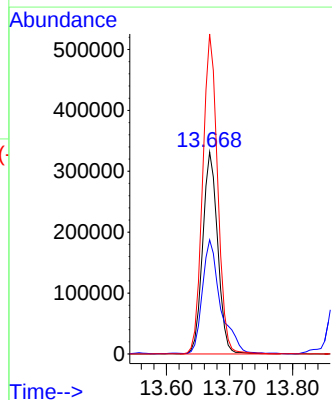
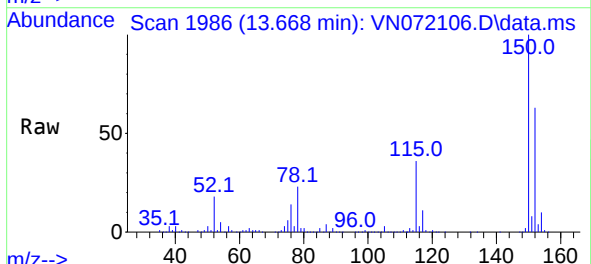
Manual Integrations
APPROVED

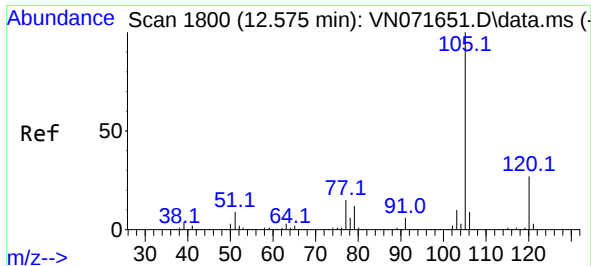
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

Tgt Ion:152 Resp: 548063
Ion Ratio Lower Upper
152 100
115 68.6 28.9 86.7
150 157.8 0.0 356.2





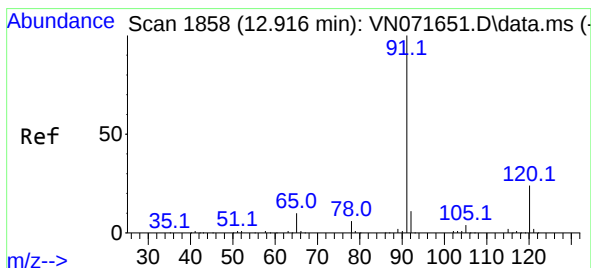
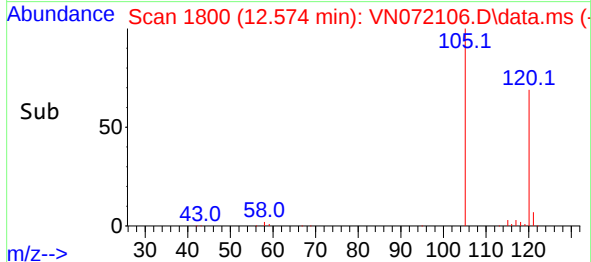
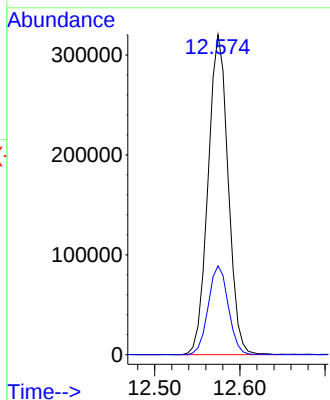
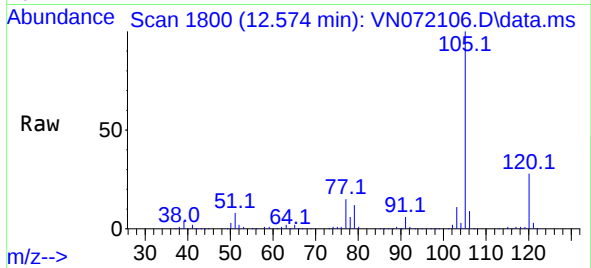
#73
Isopropylbenzene
Concen: 11.372 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

Instrument :
MSVOA_N
ClientSampleId :
MW-9R

Tgt Ion:105 Resp: 52519
Ion Ratio Lower Upper
105 100
120 27.7 13.5 40.4

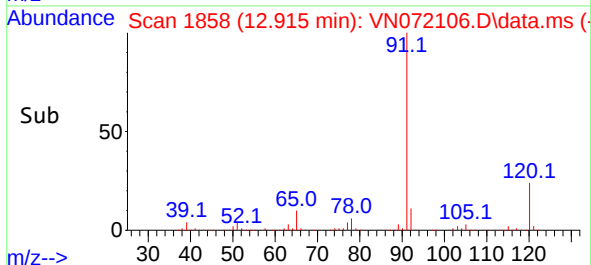
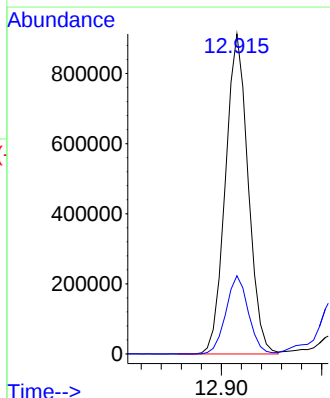
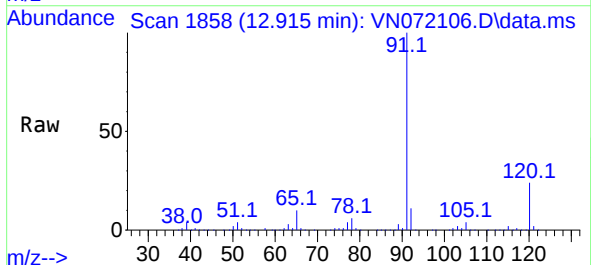
Manual Integrations
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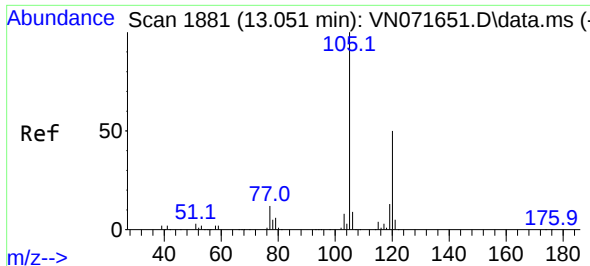
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022



#78
n-propylbenzene
Concen: 29.540 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

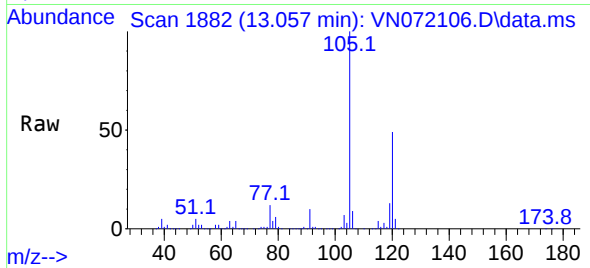
Tgt Ion: 91 Resp: 1435107
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 19.860 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30

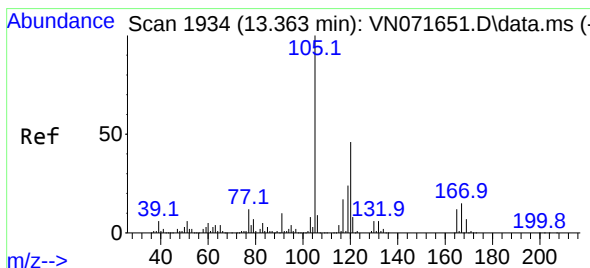
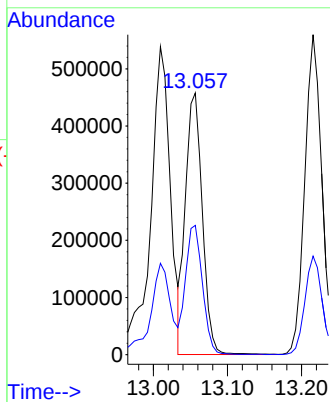
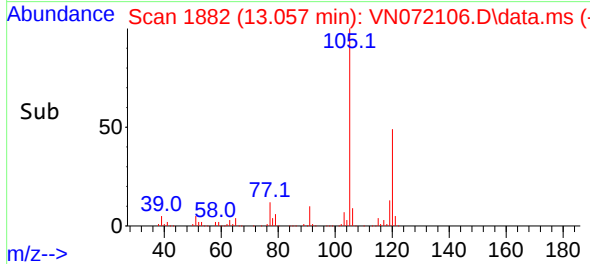
Instrument :
MSVOA_N
ClientSampleId :
MW-9R



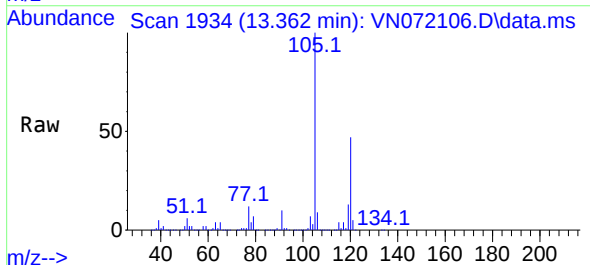
Tgt Ion:105 Resp: 726710
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.7

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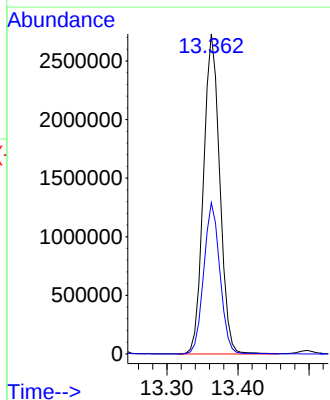
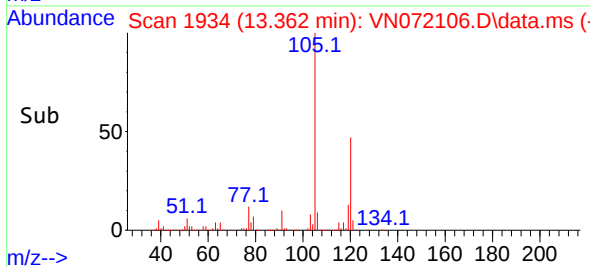
Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

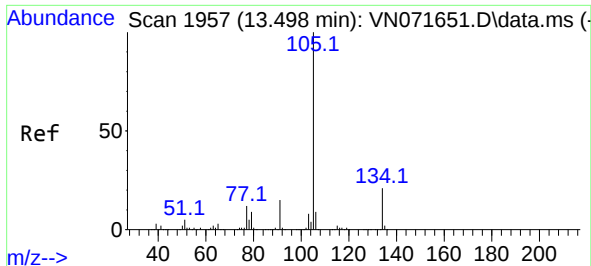


#84
1,2,4-Trimethylbenzene
Concen: 121.895 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072106.D
Acq: 21 Apr 2022 03:30



Tgt Ion:105 Resp: 4351979
Ion Ratio Lower Upper
105 100
120 47.0 23.3 69.8





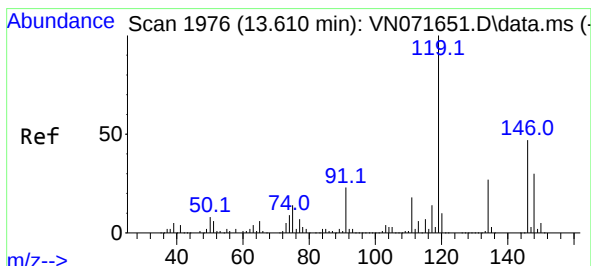
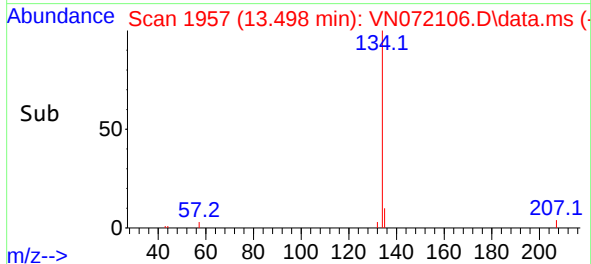
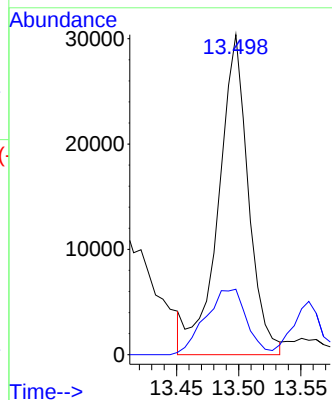
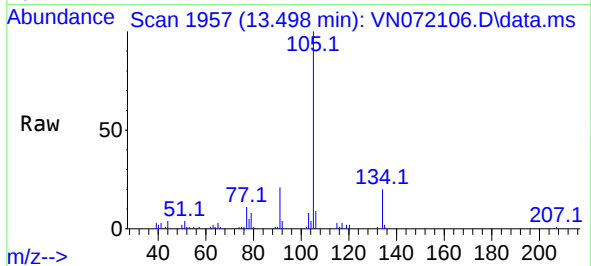
#85
 sec-Butylbenzene
 Concen: 1.171 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072106.D
 Acq: 21 Apr 2022 03:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9R

Tgt Ion:105 Resp: 5076
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

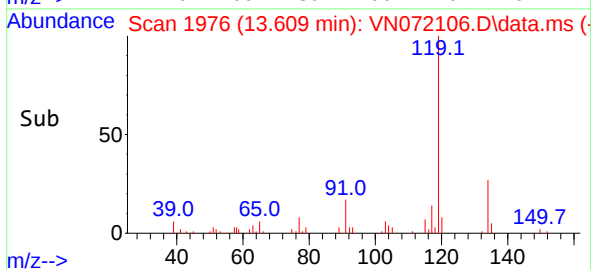
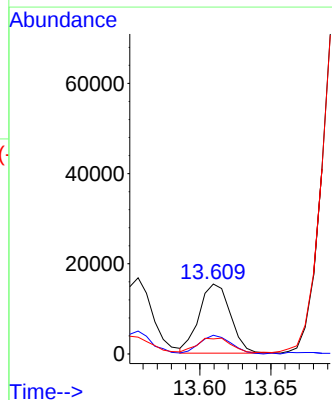
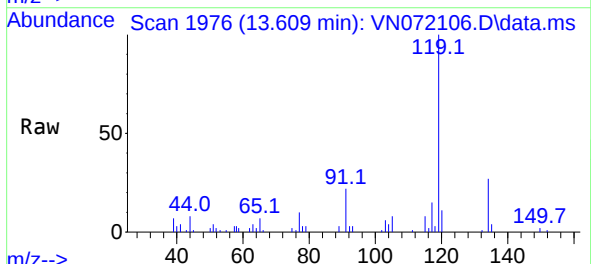
Manual Integrations
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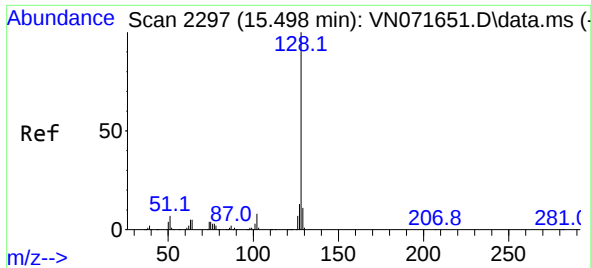
Reviewed By :John Carlone 04/21/2022
 Supervised By :Mahesh Dadoda 04/21/2022



#86
 p-Isopropyltoluene
 Concen: 0.679 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.001 min
 Lab File: VN072106.D
 Acq: 21 Apr 2022 03:30

Tgt Ion:119 Resp: 23490
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 0.0 11.3 33.9





#95

Naphthalene

Concen: 20.634 ug/l

RT: 15.498 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072106.D

Acq: 21 Apr 2022 03:30

Instrument :

MSVOA_N

ClientSampleId :

MW-9R

Tgt Ion:128 Resp: 454650

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.6 13.0

Manual Integrations

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Reviewed By :John Carlone 04/21/2022

Supervised By :Mahesh Dadoda 04/21/2022

