

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
 Data File : VN072248.D
 Acq On : 28 Apr 2022 19:23
 Operator : JC\MD
 Sample : N2617-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Apr 29 06:36:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	273195	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	496930	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	539525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	234795	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	205470	48.990	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.980%		
35) Dibromofluoromethane	8.022	113	149275	46.933	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.860%		
50) Toluene-d8	10.439	98	640979	51.287	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.580%		
62) 4-Bromofluorobenzene	12.727	95	276809	66.728	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	133.460%		
Target Compounds						Qvalue
11) Tert butyl alcohol	5.357	59	47036	68.243	ug/l	# 72
16) Acetone	4.257	43	76795	42.469	ug/l	# 54
19) Methyl tert-butyl Ether	5.610	73	480724	47.002	ug/l	# 1
22) Diisopropyl ether	6.493	45	83891	7.518	ug/l	# 93
31) Cyclohexane	8.092	56	297940	53.165	ug/l	90
39) Methylcyclohexane	9.457	83	176524	34.092	ug/l	91
40) Benzene	8.457	78	2241973	156.124	ug/l	99
42) 1,2-Dichloroethane	8.528	62	37892m	6.892	ug/l	
52) Toluene	10.498	92	431006	50.206	ug/l	98
67) Ethyl Benzene	11.839	91	13027677	685.267	ug/l	99
68) m/p-Xylenes	11.957	106	1480040	209.650	ug/l	89
69) o-Xylene	12.275	106	442025	64.587	ug/l	90
73) Isopropylbenzene	12.575	105	604494	29.150	ug/l	97
78) n-propylbenzene	12.916	91	1726020	75.553	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	321817	18.634	ug/l	93
84) 1,2,4-Trimethylbenzene	13.363	105	4210578	251.987	ug/l	94
85) sec-Butylbenzene	13.498	105	64802m	3.278	ug/l	
86) p-Isopropyltoluene	13.610	119	19493	1.265	ug/l	# 76
89) n-Butylbenzene	13.939	91	60752	5.146	ug/l	# 82
95) Naphthalene	15.498	128	813627	65.450	ug/l	99

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

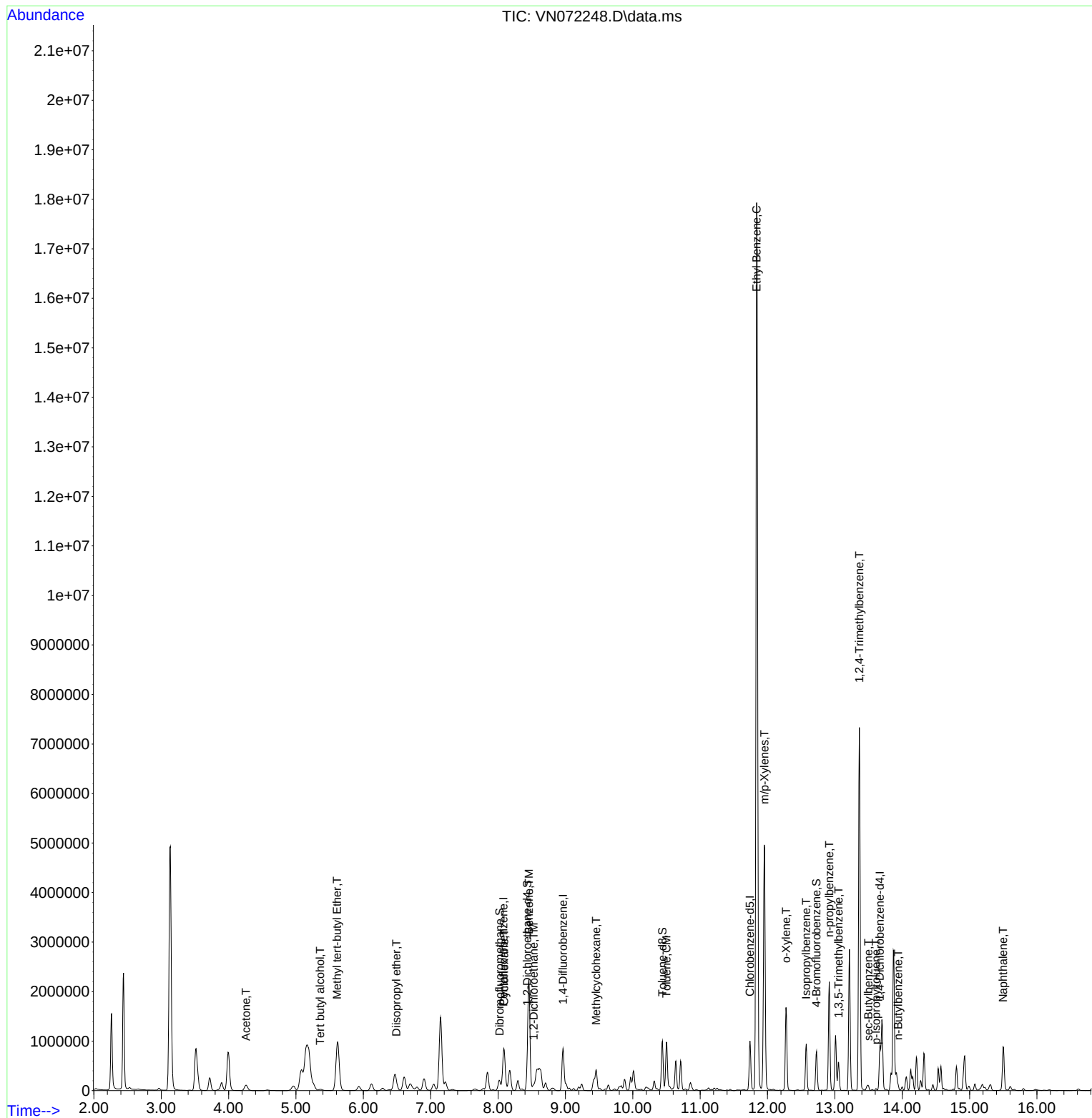
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042822\
Data File : VN072248.D
Acq On : 28 Apr 2022 19:23
Operator : JC\MD
Sample : N2617-11
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

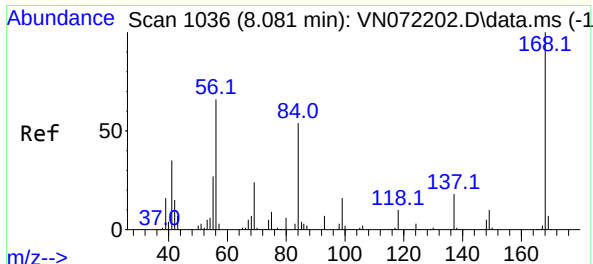
Instrument :
MSVOA_N
ClientSampleId :
MW-14

Manual Integrations
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Supervised By : Mahesh Dadoda 04/29/2022

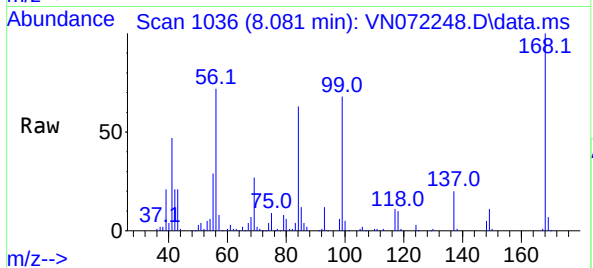
Quant Time: Apr 29 06:36:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

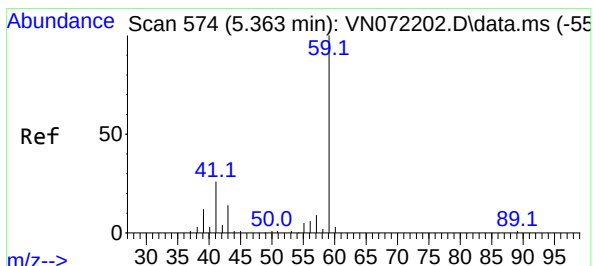
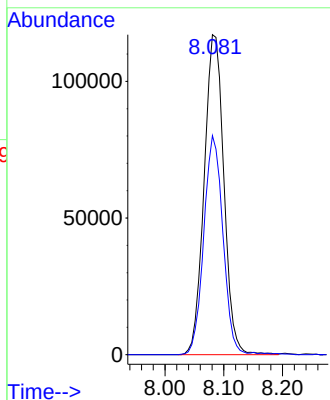
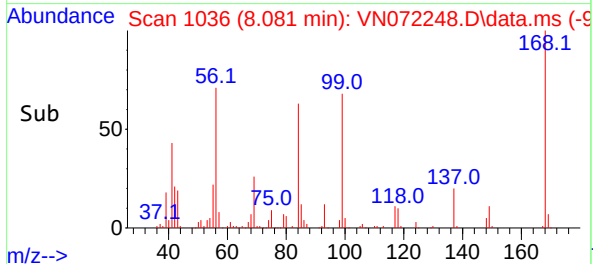
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:168 Resp: 27319
Ion Ratio Lower Upper
168 100
99 68.4 42.3 63.5

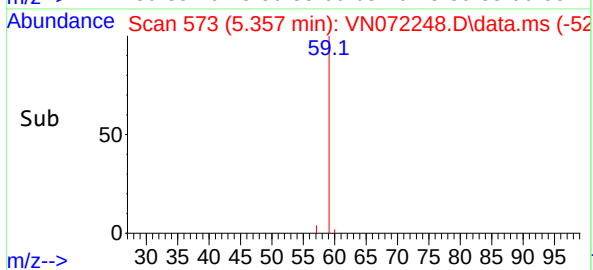
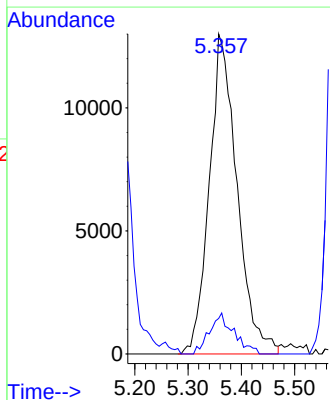
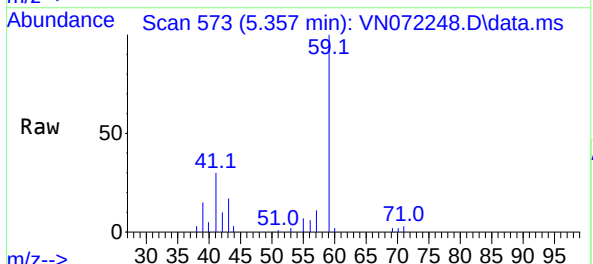
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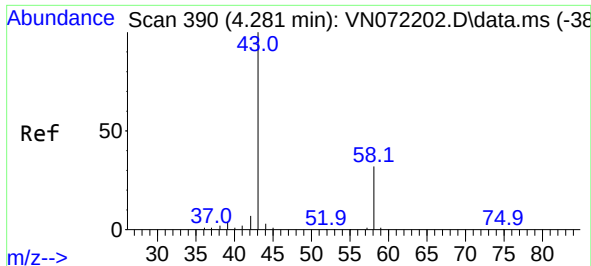
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#11
Tert butyl alcohol
Concen: 68.243 ug/l
RT: 5.357 min Scan# 573
Delta R.T. -0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

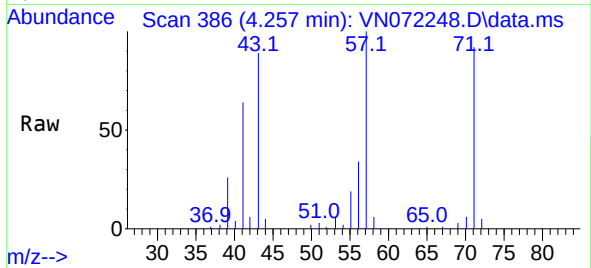
Tgt Ion: 59 Resp: 47036
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#16
Acetone
Concen: 42.469 ug/l
RT: 4.257 min Scan# 386
Delta R.T. -0.024 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

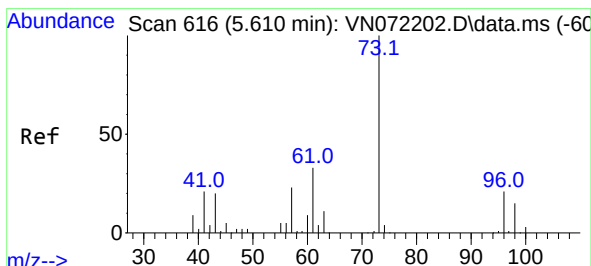
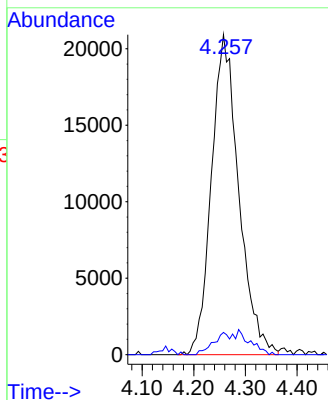
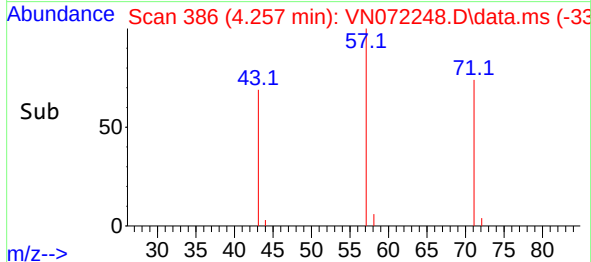
Instrument :
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ClientSampleId :
MW-14



Tgt Ion: 43 Resp: 7679
Ion Ratio Lower Upper
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58 6.9 26.0 39.0

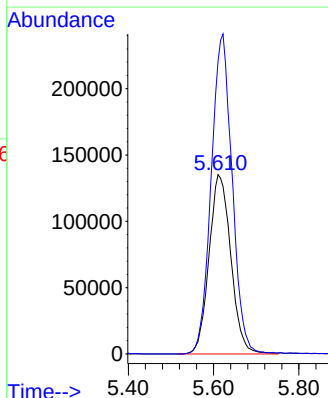
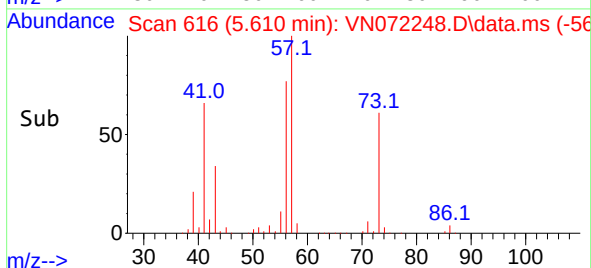
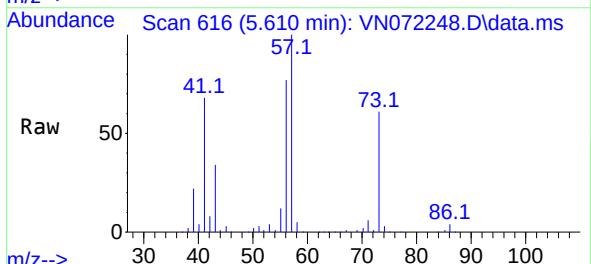
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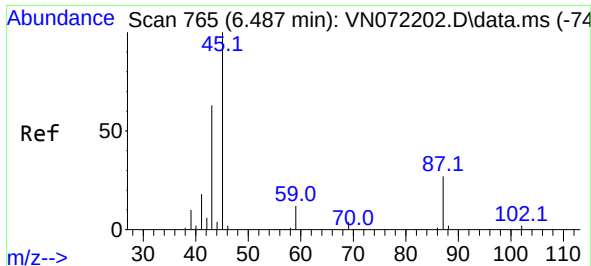
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#19
Methyl tert-butyl Ether
Concen: 47.002 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

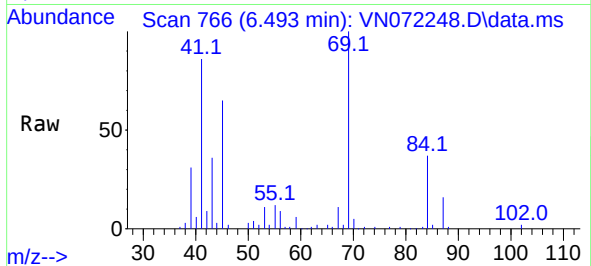
Tgt Ion: 73 Resp: 480724
Ion Ratio Lower Upper
73 100
57 163.1 17.6 26.4





#22
Diisopropyl ether
Concen: 7.518 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

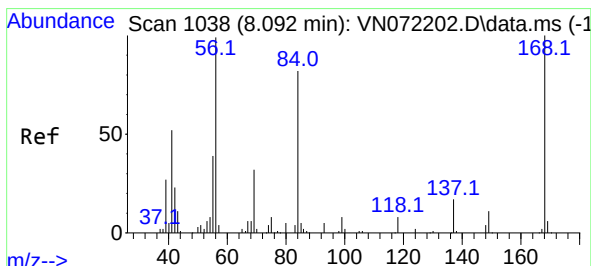
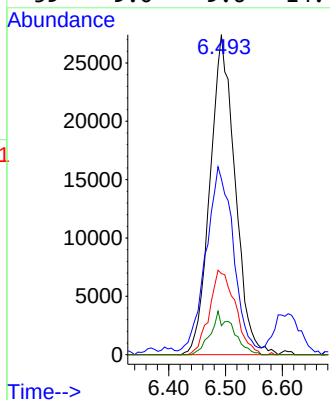
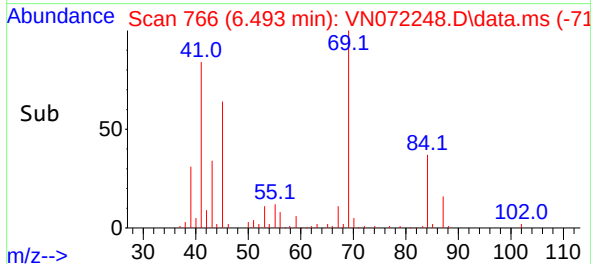
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 45 Resp: 8389
Ion Ratio Lower Upper
45 100
43 53.7 46.6 70.0
87 25.3 24.3 36.5
59 9.0 9.6 14.4#

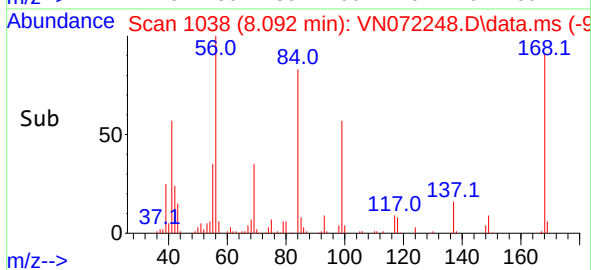
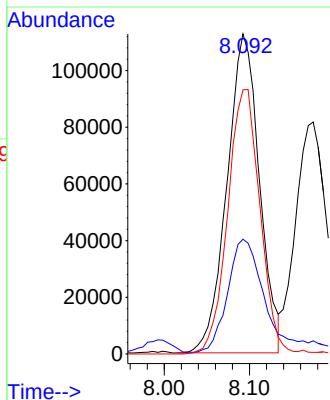
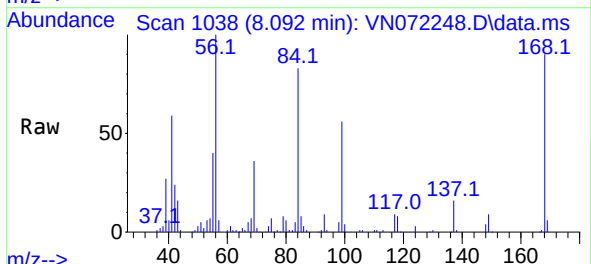
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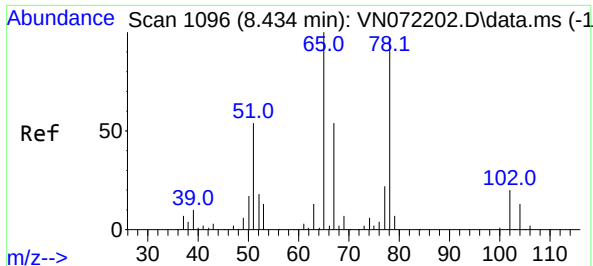
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#31
Cyclohexane
Concen: 53.165 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 56 Resp: 297940
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.8
84 82.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 48.990 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

Instrument :

MSVOA_N

ClientSampleId :

MW-14

Tgt Ion: 65 Resp: 205470

Ion Ratio Lower Upper

65 100

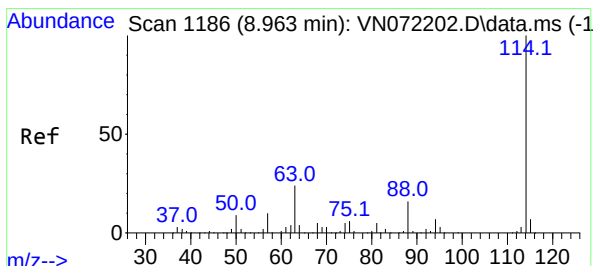
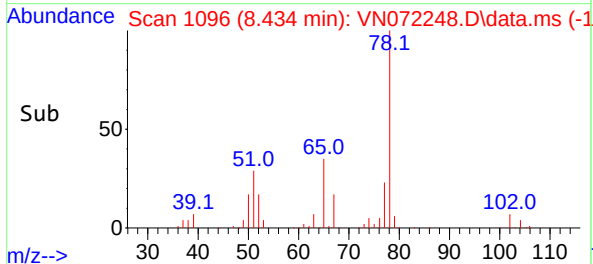
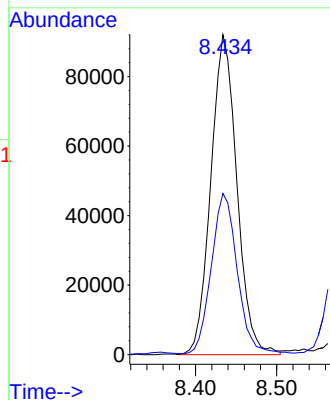
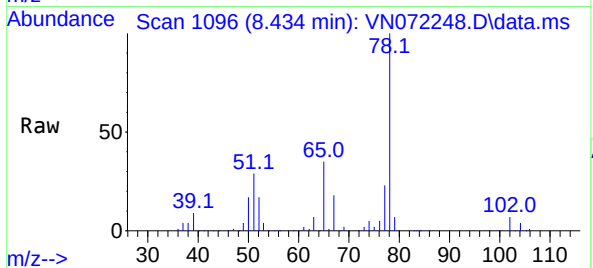
67 49.6 0.0 104.8

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Supervised By :Mahesh Dadoda 04/29/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072248.D

Acq: 28 Apr 2022 19:23

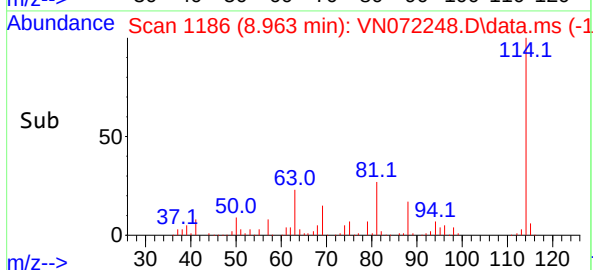
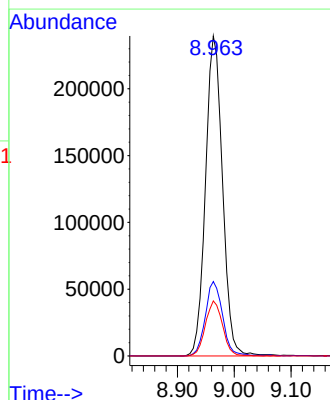
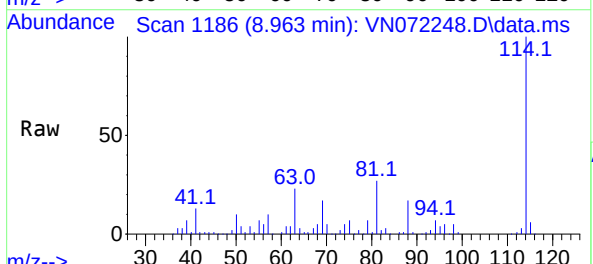
Tgt Ion:114 Resp: 496930

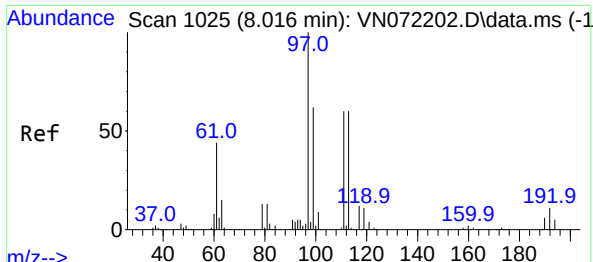
Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

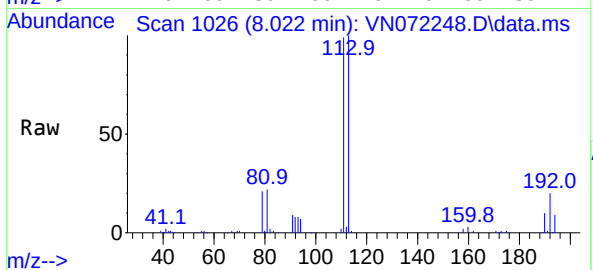
88 17.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 46.933 ug/l
RT: 8.022 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

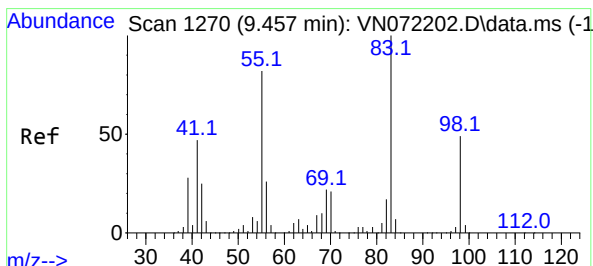
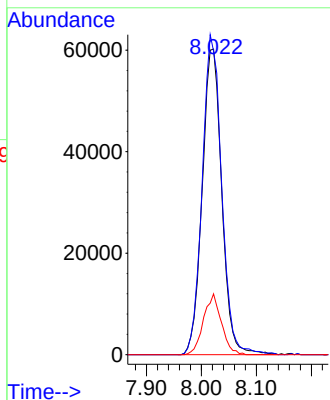
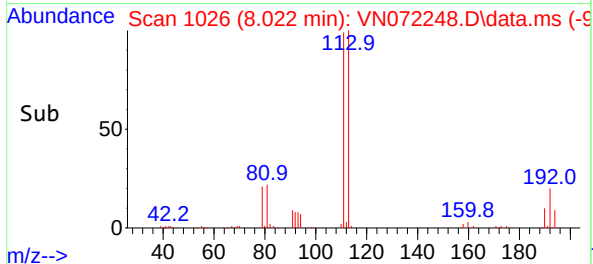
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion: 113 Resp: 149275
Ion Ratio Lower Upper
113 100
111 104.0 81.4 122.0
192 18.1 17.0 25.6

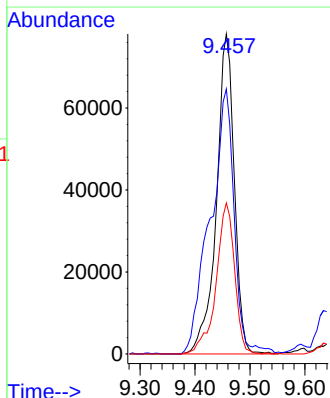
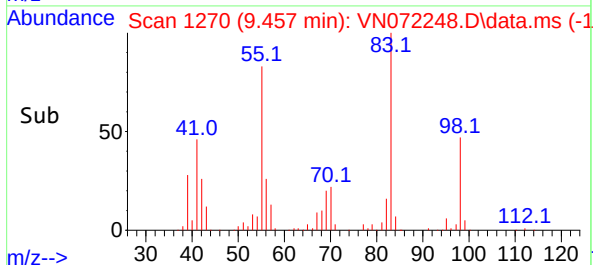
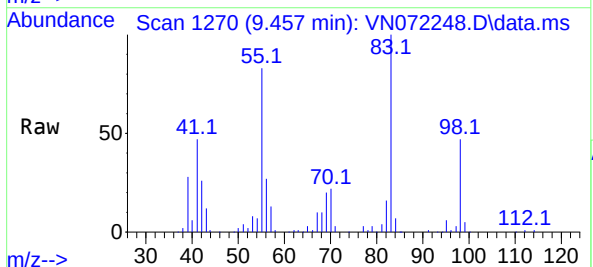
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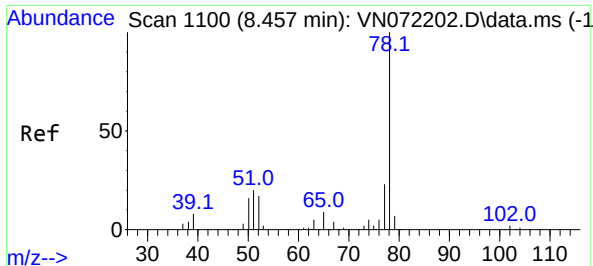
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#39
Methylcyclohexane
Concen: 34.092 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion: 83 Resp: 176524
Ion Ratio Lower Upper
83 100
55 82.8 57.8 86.8
98 47.2 39.4 59.2





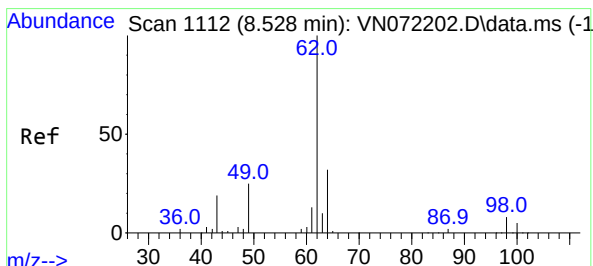
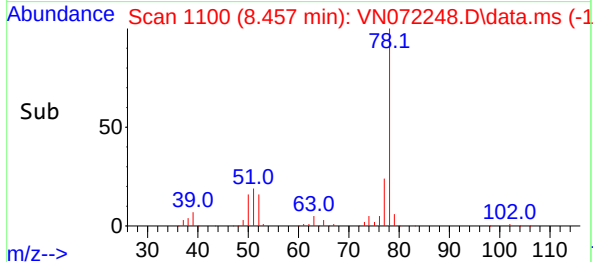
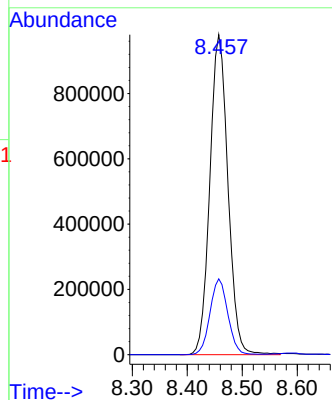
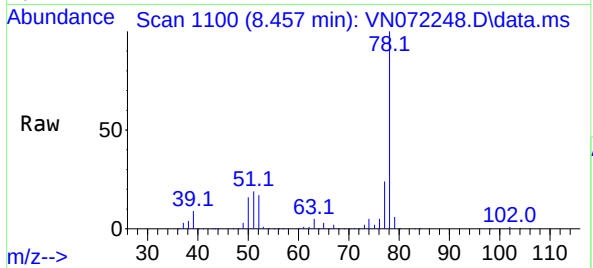
#40
Benzene
Concen: 156.124 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Instrument :
MSVOA_N
ClientSampleId :
MW-14

Tgt Ion: 78 Resp: 224197
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0

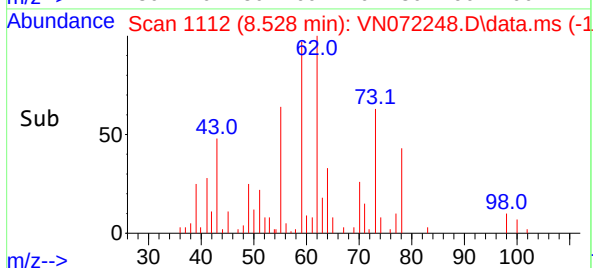
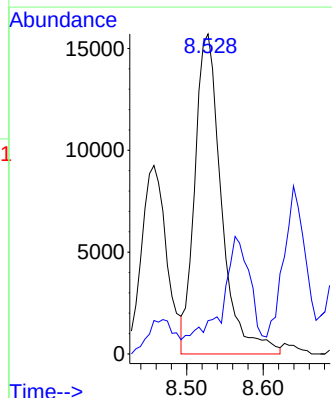
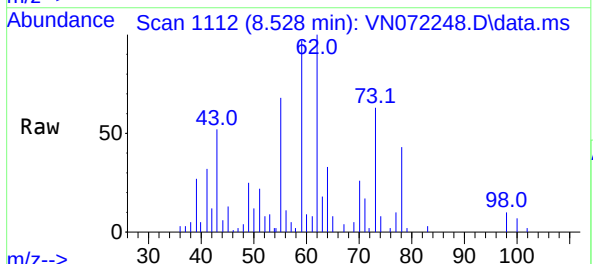
Manual Integrations
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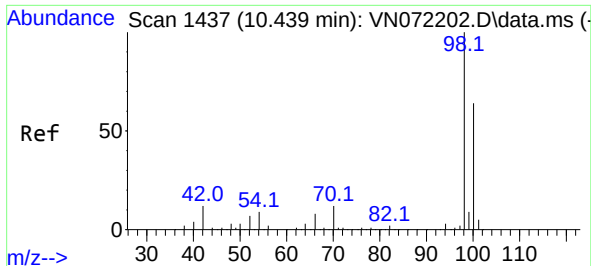
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#42
1,2-Dichloroethane
Concen: 6.892 ug/l m
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

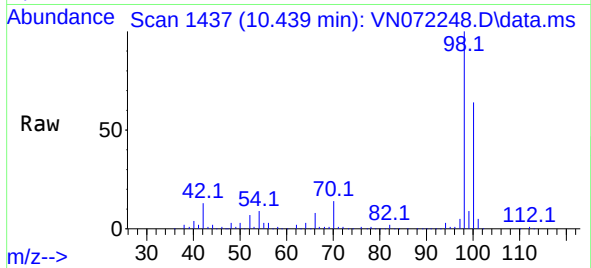
Tgt Ion: 62 Resp: 37892
Ion Ratio Lower Upper
62 100
98 10.8 0.0 19.4





#50
Toluene-d8
Concen: 51.287 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

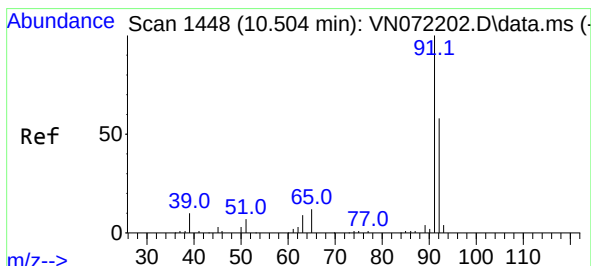
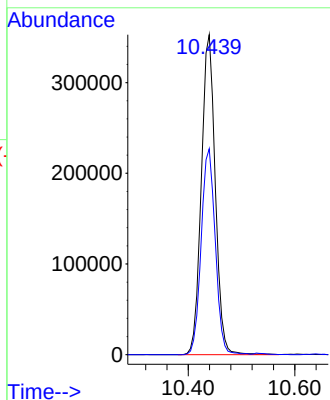
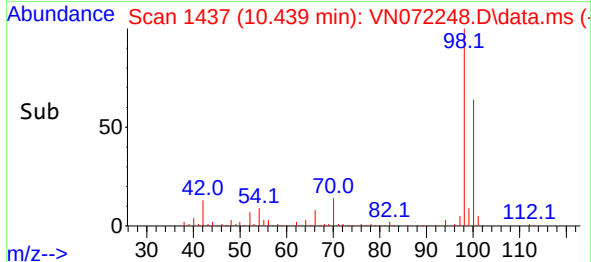
Instrument :
MSVOA_N
ClientSampleId :
MW-14



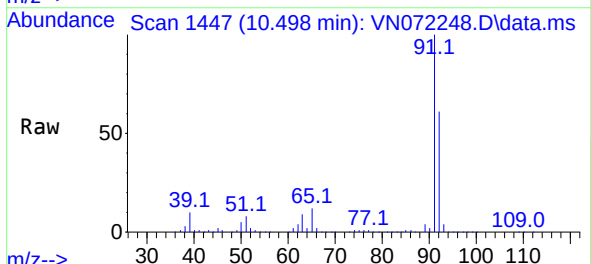
Tgt Ion: 98 Resp: 640979
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8

Manual Integrations
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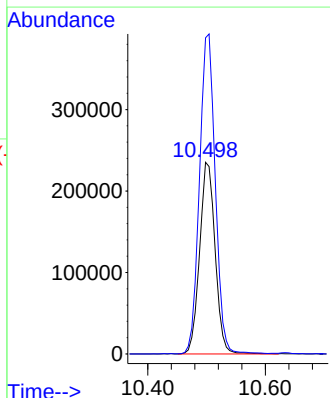
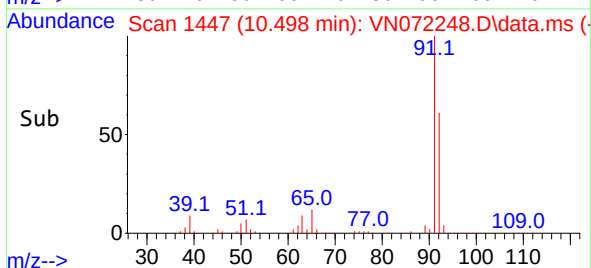
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

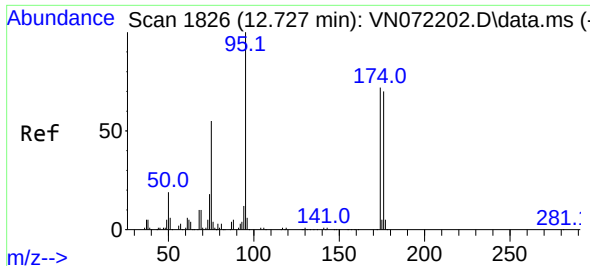


#52
Toluene
Concen: 50.206 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23



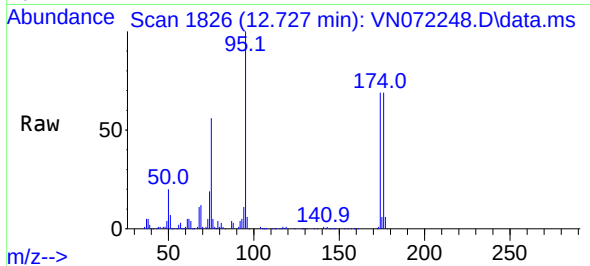
Tgt Ion: 92 Resp: 431006
Ion Ratio Lower Upper
92 100
91 169.7 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 66.728 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

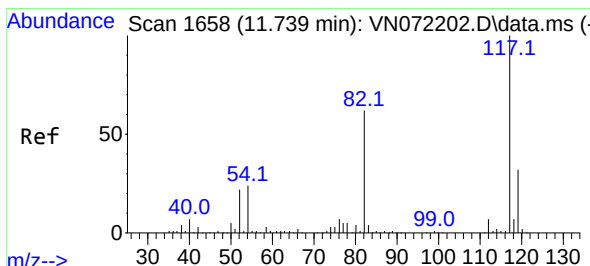
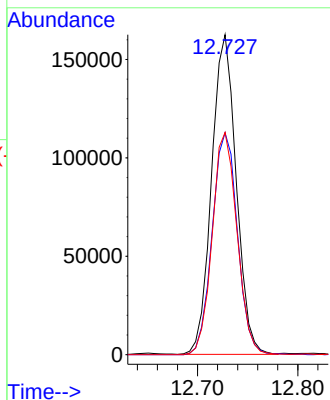
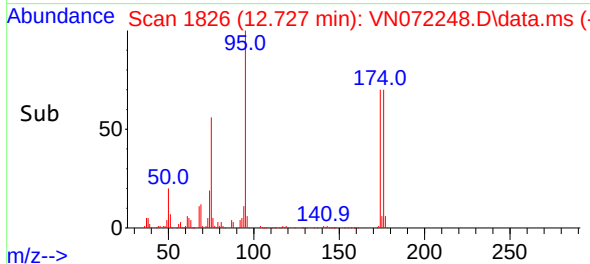
Instrument :
MSVOA_N
ClientSampleId :
MW-14



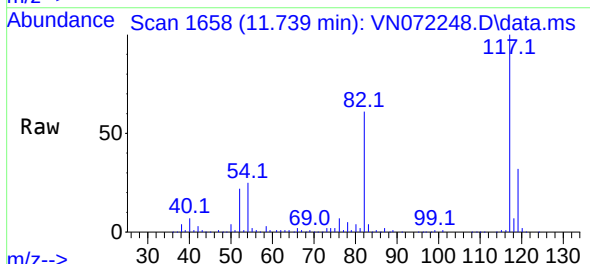
Tgt Ion: 95 Resp: 276809
Ion Ratio Lower Upper
95 100
174 71.3 0.0 167.6
176 69.9 0.0 163.4

Manual Integrations
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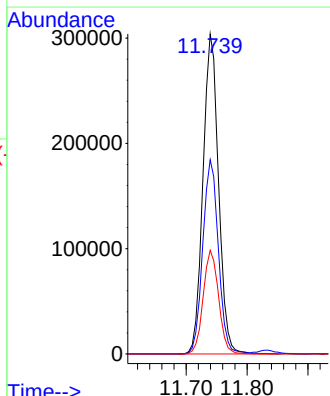
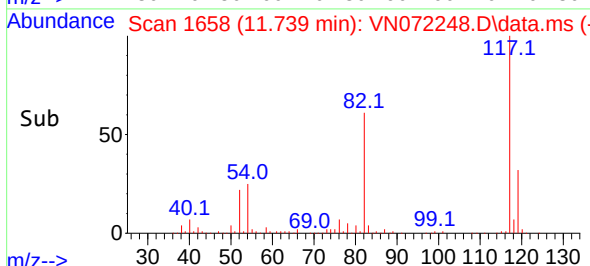
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

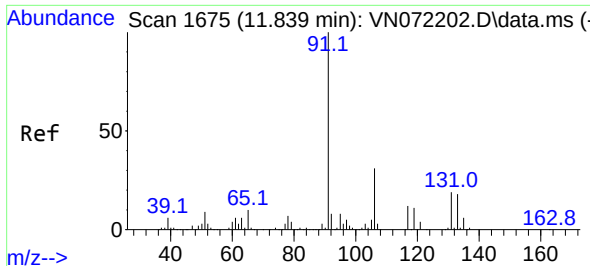


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23



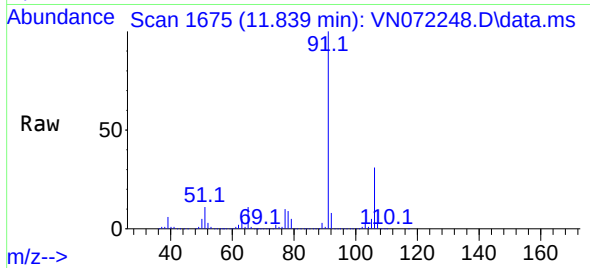
Tgt Ion:117 Resp: 539525
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 32.4 25.4 38.0





#67
Ethyl Benzene
Concen: 685.267 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

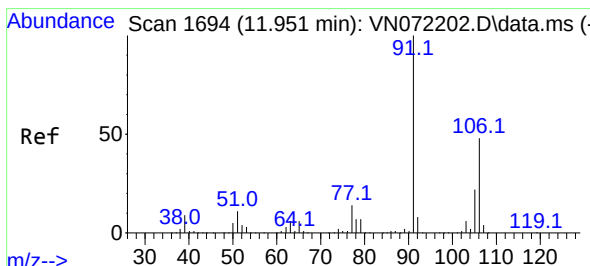
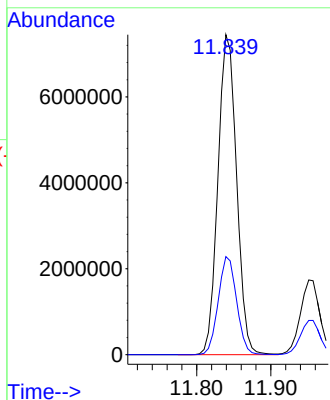
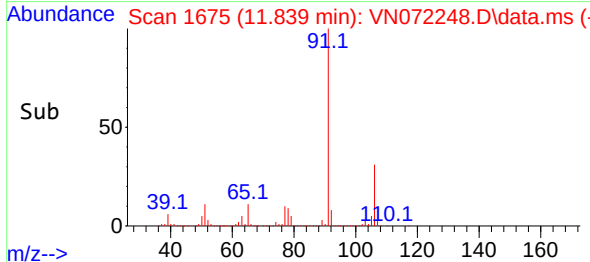
Instrument :
MSVOA_N
ClientSampleId :
MW-14



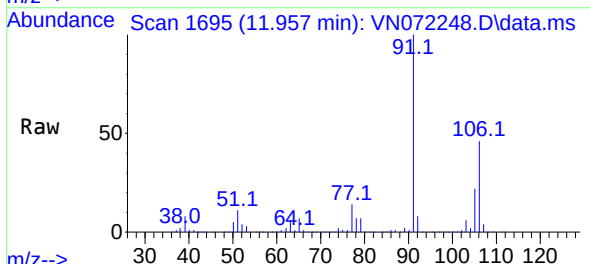
Tgt Ion: 91 Resp:1302767
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

Manual Integrations
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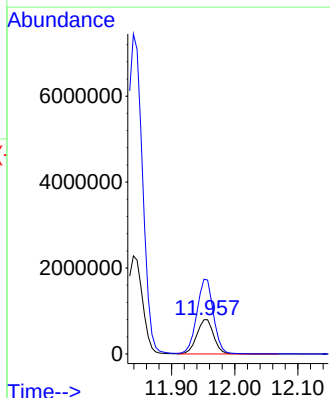
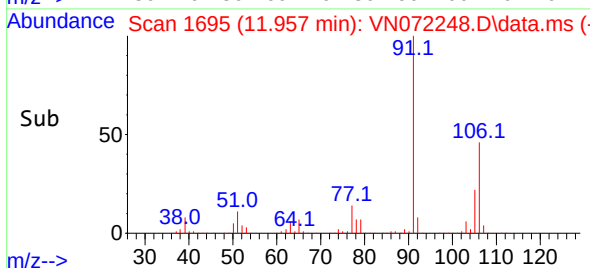
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

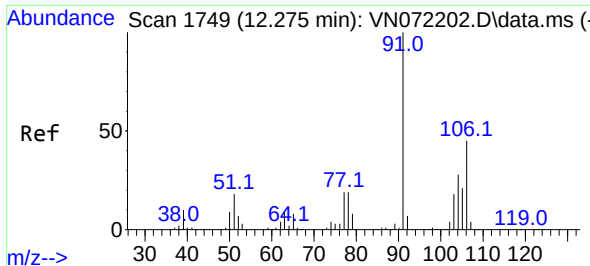


#68
m/p-Xylenes
Concen: 209.650 ug/l
RT: 11.957 min Scan# 1695
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23



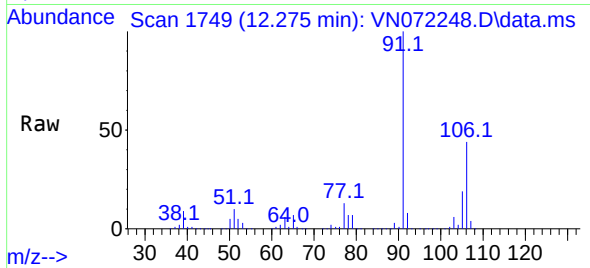
Tgt Ion:106 Resp: 1480040
Ion Ratio Lower Upper
106 100
91 215.0 158.9 238.3





#69
o-Xylene
Concen: 64.587 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

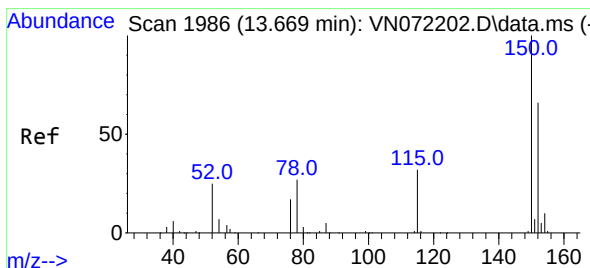
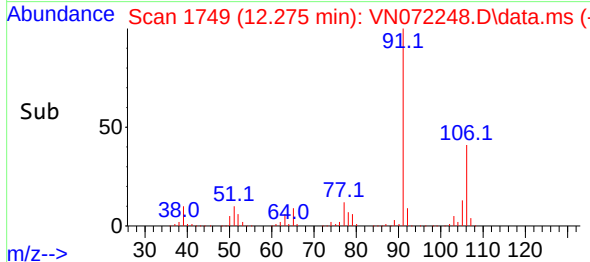
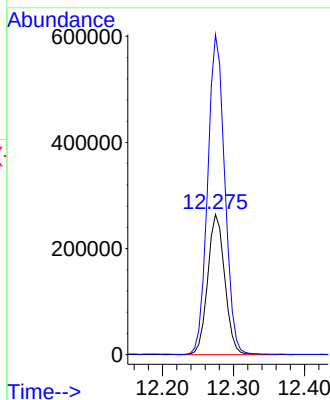
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:106 Resp: 442025
Ion Ratio Lower Upper
106 100
91 228.0 106.0 318.0

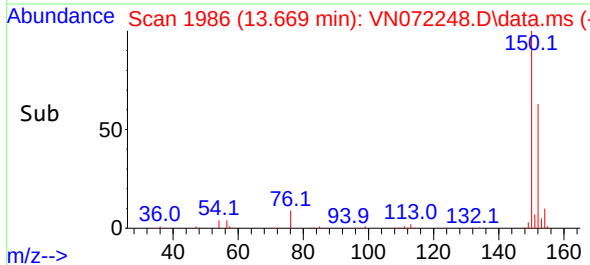
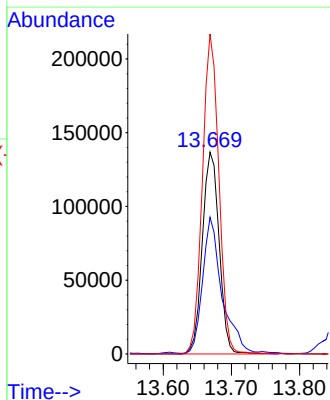
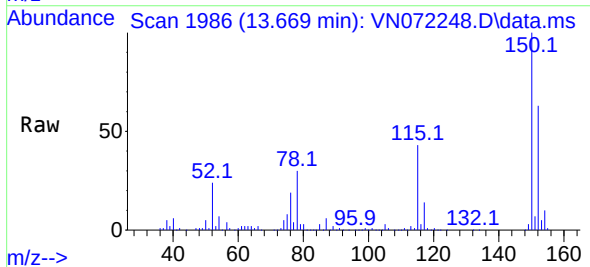
Manual Integrations
APPROVED

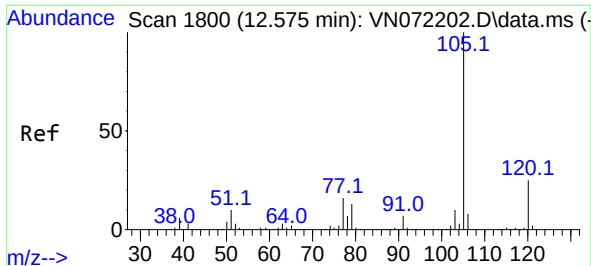
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

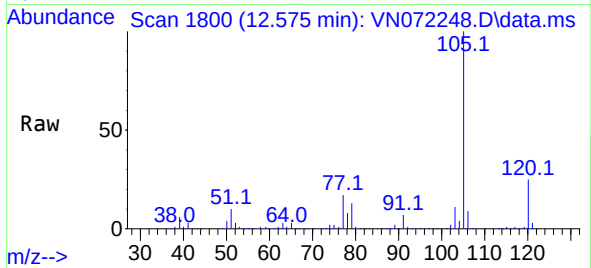
Tgt Ion:152 Resp: 234795
Ion Ratio Lower Upper
152 100
115 79.1 28.9 86.7
150 155.3 0.0 356.2





#73
Isopropylbenzene
Concen: 29.150 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

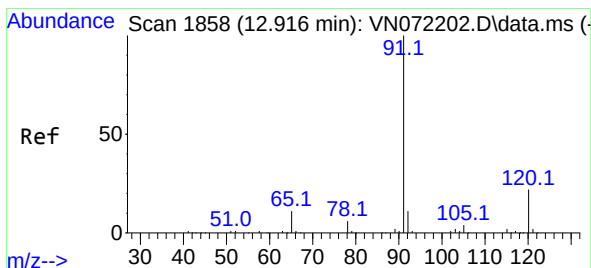
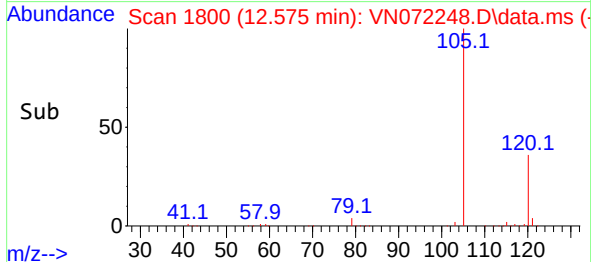
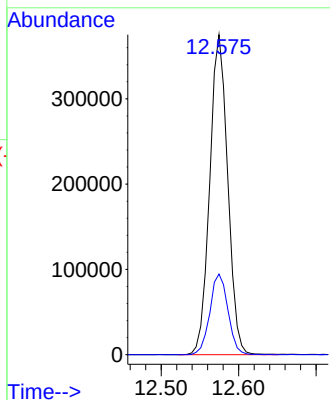
Instrument : MSVOA_N
ClientSampleId : MW-14



Tgt Ion:105 Resp: 604494
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

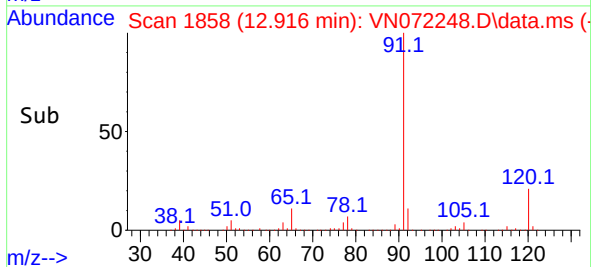
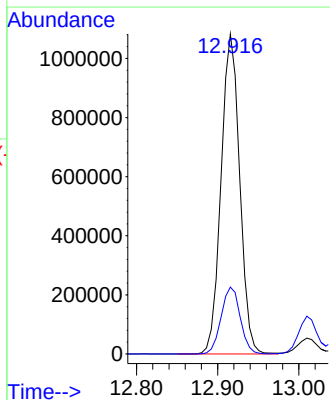
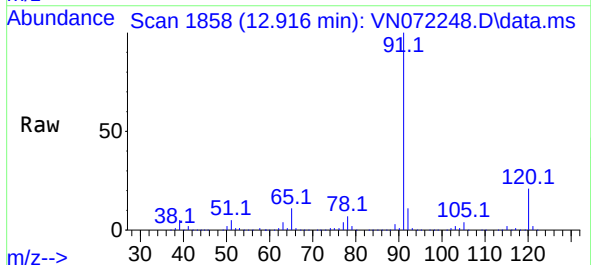
Manual Integrations
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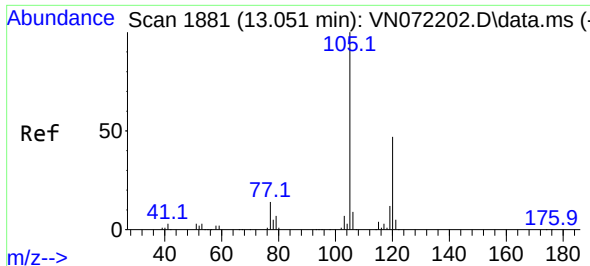
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#78
n-propylbenzene
Concen: 75.553 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

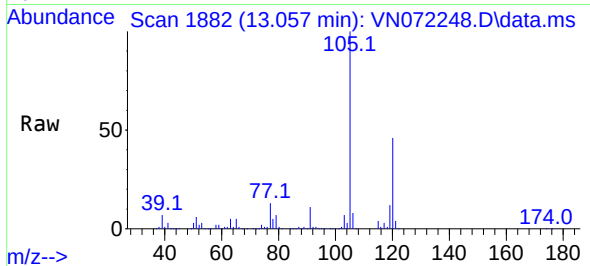
Tgt Ion: 91 Resp: 1726020
Ion Ratio Lower Upper
91 100
120 21.4 11.9 35.5





#80
1,3,5-Trimethylbenzene
Concen: 18.634 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

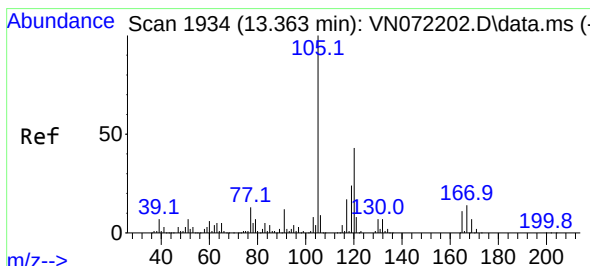
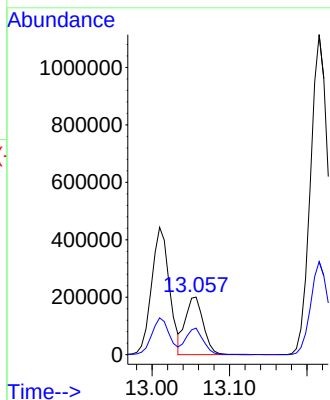
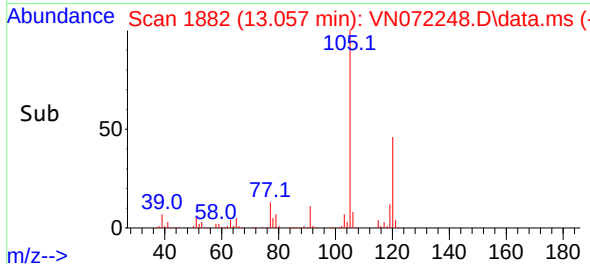
Instrument :
MSVOA_N
ClientSampleId :
MW-14



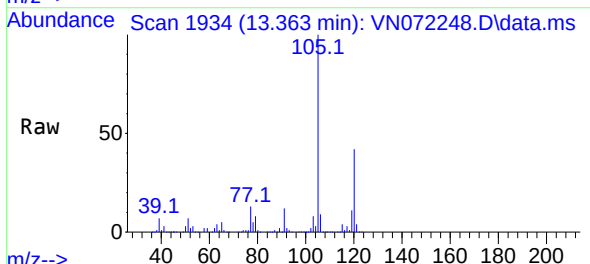
Tgt Ion:105 Resp: 32181
Ion Ratio Lower Upper
105 100
120 44.8 24.9 74.7

Manual Integrations
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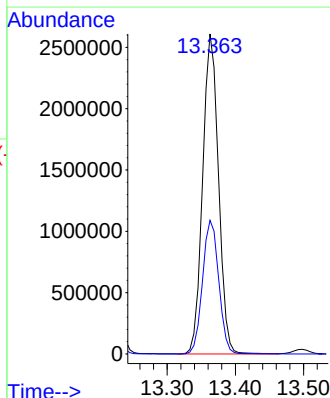
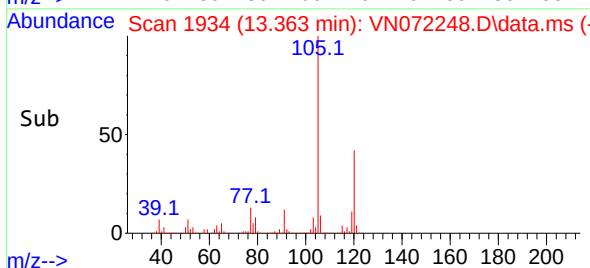
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022

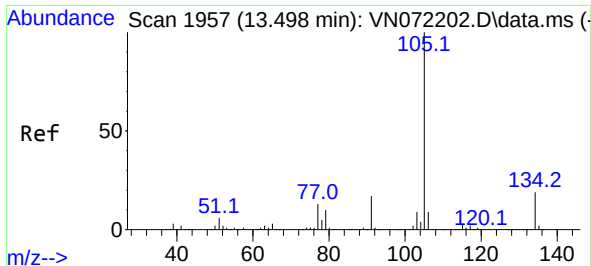


#84
1,2,4-Trimethylbenzene
Concen: 251.987 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23



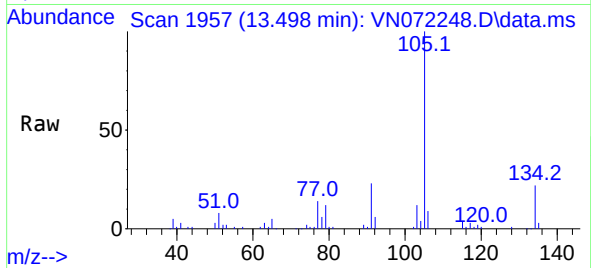
Tgt Ion:105 Resp: 4210578
Ion Ratio Lower Upper
105 100
120 42.7 23.3 69.8





#85
sec-Butylbenzene
Concen: 3.278 ug/l m
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

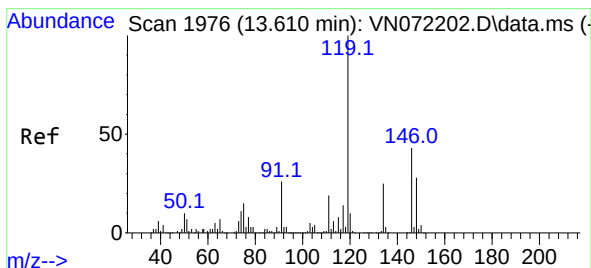
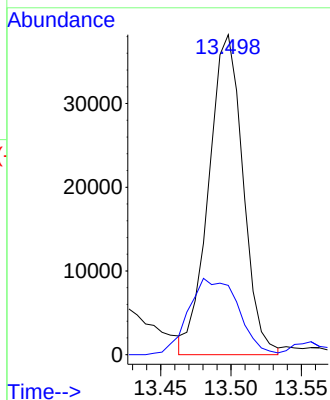
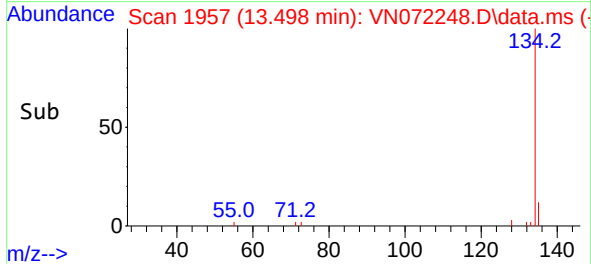
Instrument :
MSVOA_N
ClientSampleId :
MW-14



Tgt Ion:105 Resp: 6480
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1

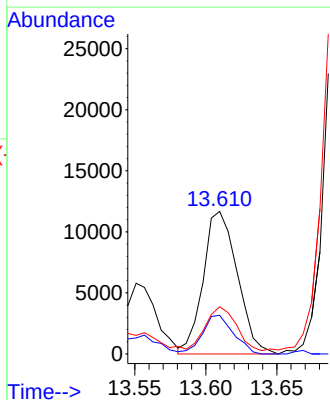
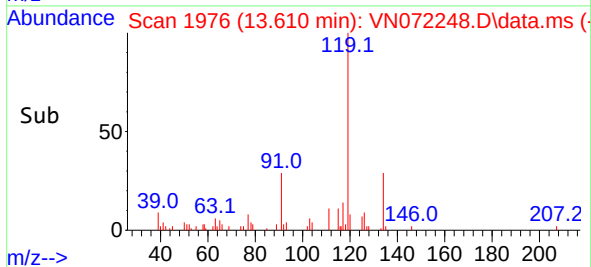
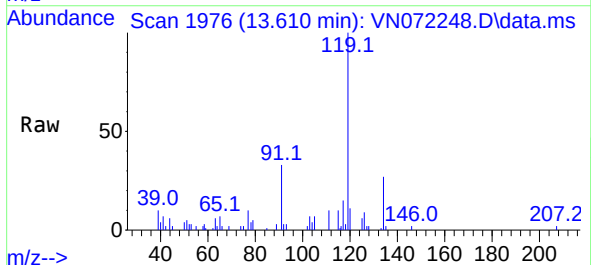
Manual Integrations
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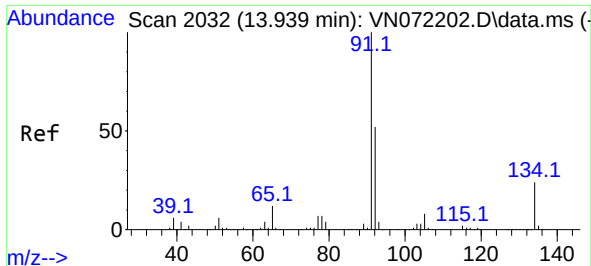
Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#86
p-Isopropyltoluene
Concen: 1.265 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

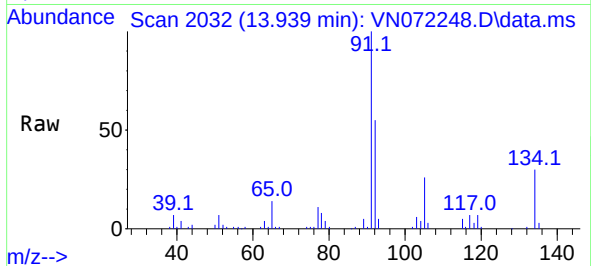
Tgt Ion:119 Resp: 19493
Ion Ratio Lower Upper
119 100
134 24.6 13.3 39.8
91 0.0 11.3 33.9





#89
n-Butylbenzene
Concen: 5.146 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

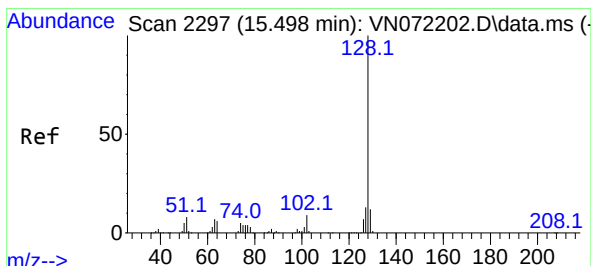
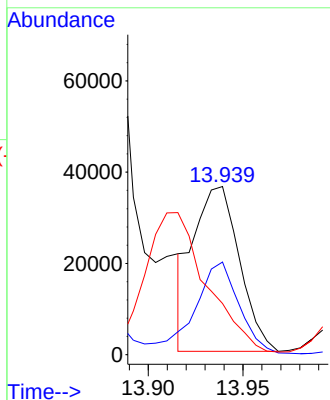
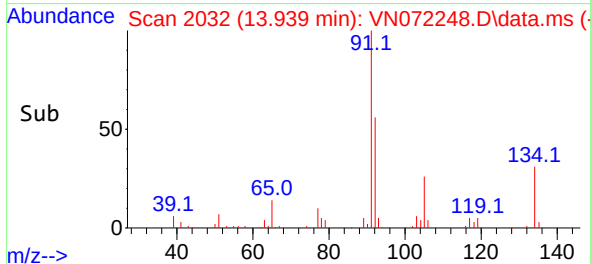
Instrument :
MSVOA_N
Client SampleId :
MW-14



Tgt Ion: 91 Resp: 60752
Ion Ratio Lower Upper
91 100
92 54.6 26.9 80.7
134 0.0 13.6 40.8

Manual Integrations
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Reviewed By :John Carlone 04/29/2022
Supervised By :Mahesh Dadoda 04/29/2022



#95
Naphthalene
Concen: 65.450 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072248.D
Acq: 28 Apr 2022 19:23

Tgt Ion:128 Resp: 813627
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.3 8.6 13.0

