

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
 Data File : VN071816.D
 Acq On : 02 Apr 2022 22:35
 Operator : JC\MD
 Sample : N2242-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Quant Time: Apr 04 01:11:58 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 04/04/2022
 Supervised By : Mahesh Dadoda 04/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	694830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1161374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1201695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	503387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	382424	48.211	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.420%		
35) Dibromofluoromethane	8.022	113	324616	47.500	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.000%		
50) Toluene-d8	10.439	98	1467075	52.477	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.960%		
62) 4-Bromofluorobenzene	12.727	95	538667	59.577	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	119.160%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.369	59	54302	42.184	ug/l #	72
17) Carbon Disulfide	4.546	76	6123	0.465	ug/l	98
25) 2-Butanone	7.334	43	38512	7.880	ug/l #	86
31) Cyclohexane	8.092	56	537484	49.825	ug/l	95
39) Methylcyclohexane	9.457	83	515938	45.416	ug/l	99
40) Benzene	8.457	78	5309756	176.127	ug/l	100
52) Toluene	10.498	92	163348	8.572	ug/l	98
67) Ethyl Benzene	11.839	91	197870	4.858	ug/l	98
68) m/p-Xylenes	11.951	106	1506827	96.277	ug/l	100
69) o-Xylene	12.275	106	130841	8.423	ug/l	100
73) Isopropylbenzene	12.575	105	683348	16.109	ug/l	100
78) n-propylbenzene	12.916	91	733827	16.446	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	574399	17.091	ug/l	100
84) 1,2,4-Trimethylbenzene	13.363	105	2411812	73.548	ug/l	100
85) sec-Butylbenzene	13.498	105	27281m	0.685	ug/l	
86) p-Isopropyltoluene	13.610	119	11510	0.362	ug/l #	78
95) Naphthalene	15.504	128	280983	15.128	ug/l	100

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

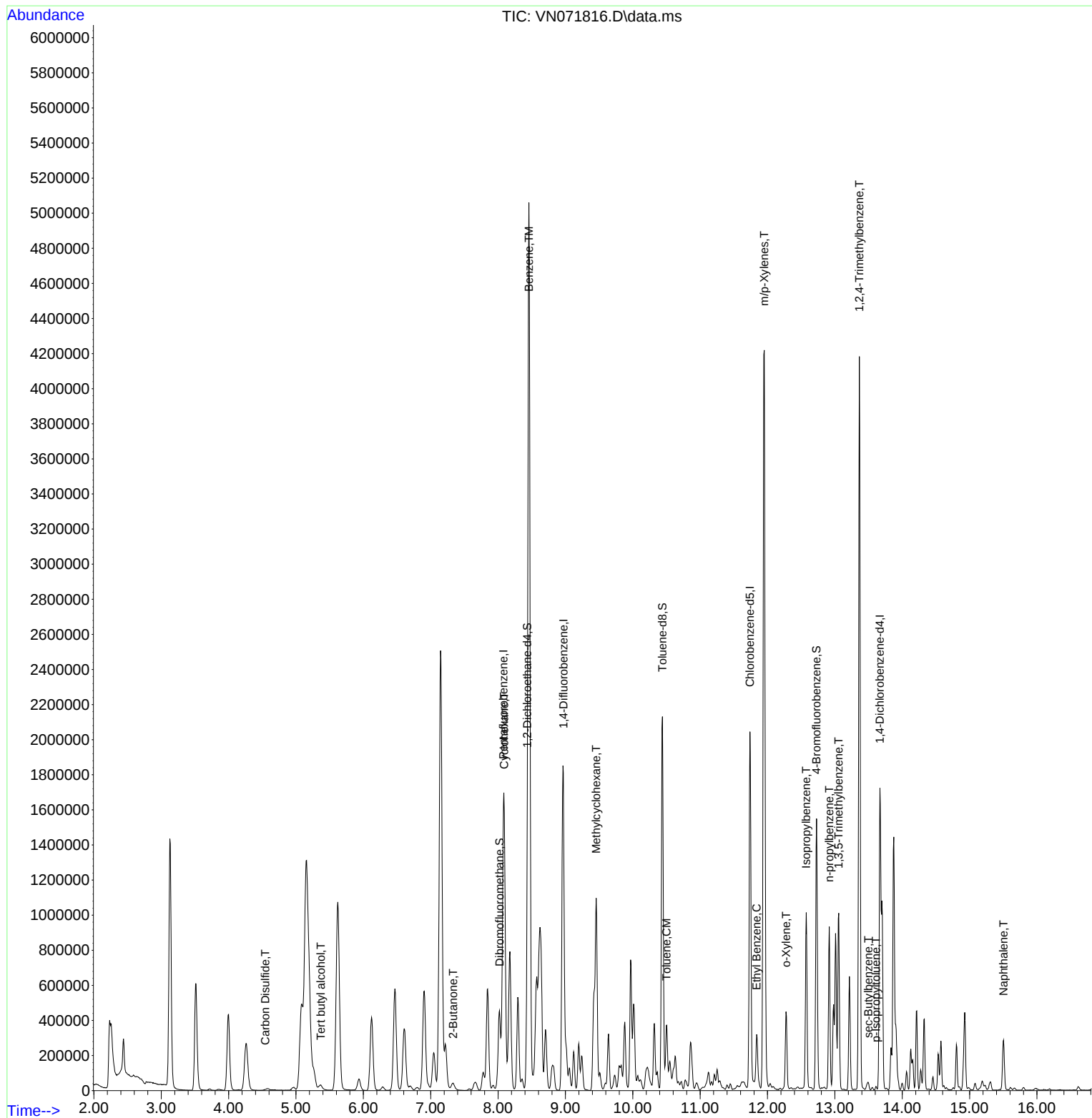
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040222\
Data File : VN071816.D
Acq On : 02 Apr 2022 22:35
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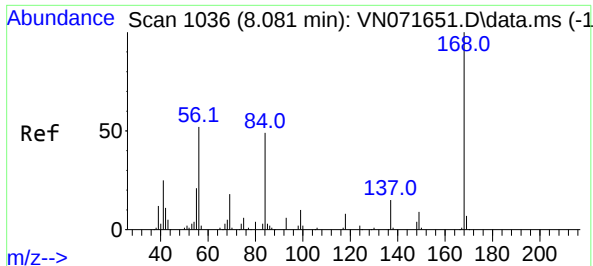
Instrument :
MSVOA_N
ClientSampleId :
MW-4

Quant Time: Apr 04 01:11:58 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

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Supervised By :Mahesh Dadoda 04/05/2022





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

Instrument :

MSVOA_N

ClientSampleId :

MW-4

Tgt Ion:168 Resp: 694830

Ion Ratio Lower Upper

168 100

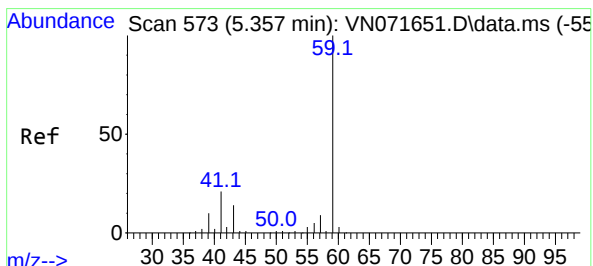
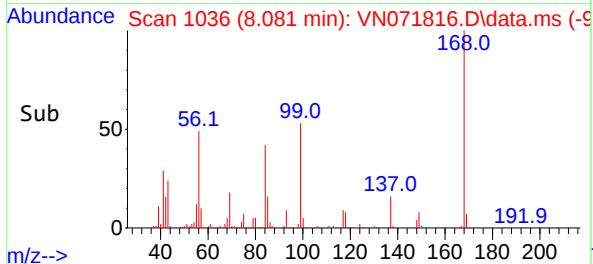
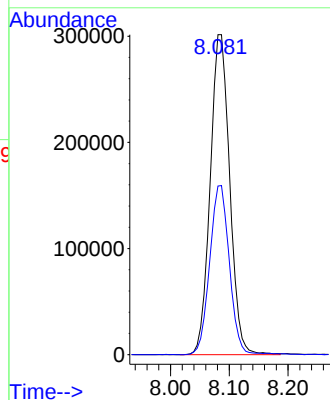
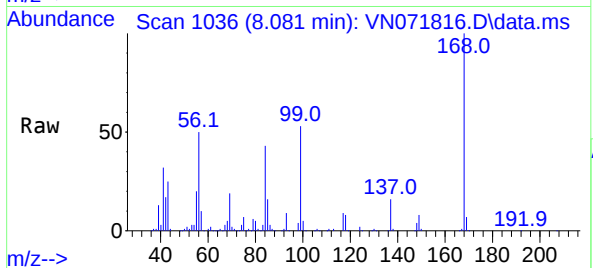
99 52.7 42.3 63.5

Manual Integrations

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#11

Tert butyl alcohol

Concen: 42.184 ug/l

RT: 5.369 min Scan# 575

Delta R.T. 0.012 min

Lab File: VN071816.D

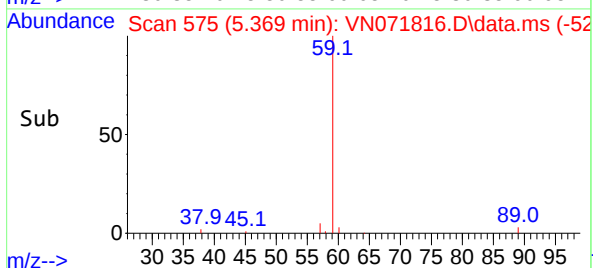
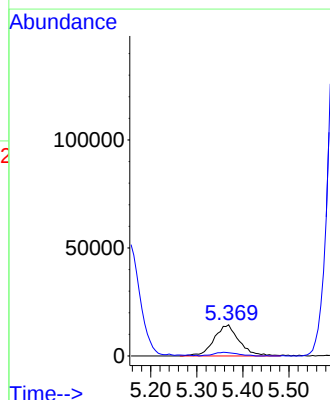
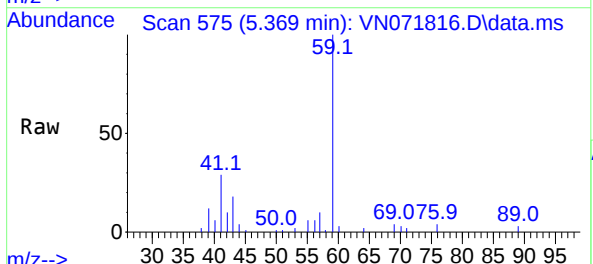
Acq: 02 Apr 2022 22:35

Tgt Ion: 59 Resp: 54302

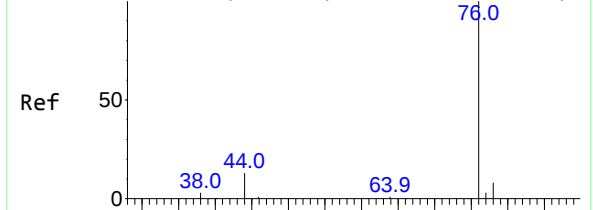
Ion Ratio Lower Upper

59 100

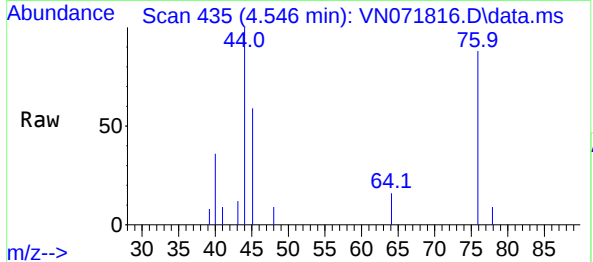
57 0.0 8.3 12.5#



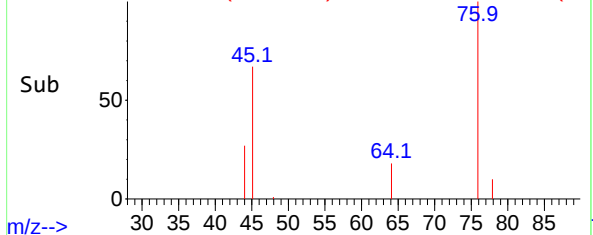
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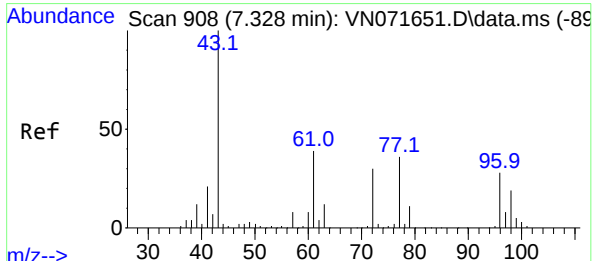
m/z-->



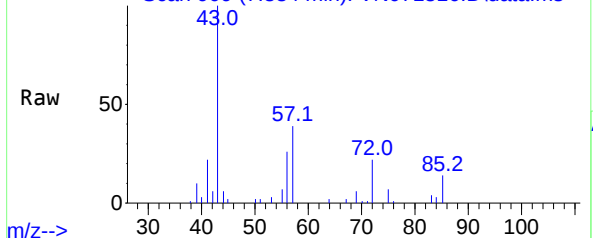
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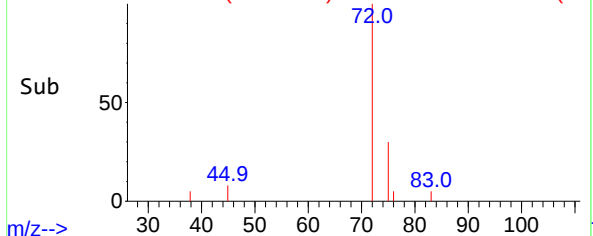
m/z-->



m/z-->



m/z-->



m/z-->

#17

Carbon Disulfide

Concen: 0.465 ug/l

RT: 4.546 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

Tgt Ion: 76 Resp: 612

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8

Instrument :

MSVOA_N

ClientSampleId :

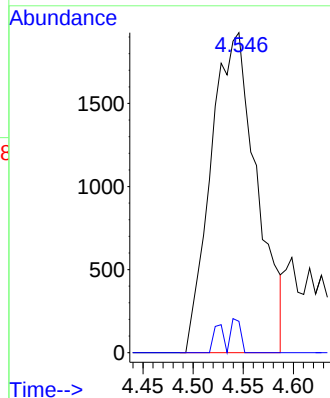
MW-4

Manual Integrations

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Reviewed By :John Carlone 04/04/2022

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#25

2-Butanone

Concen: 7.880 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN071816.D

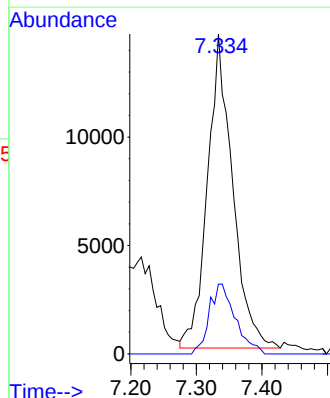
Acq: 02 Apr 2022 22:35

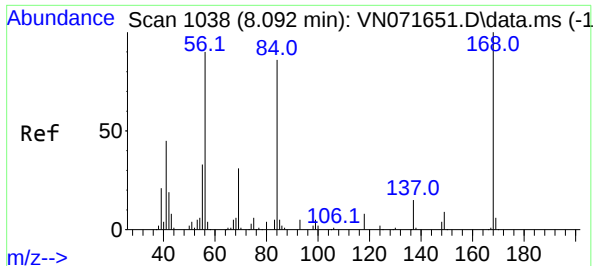
Tgt Ion: 43 Resp: 38512

Ion Ratio Lower Upper

43 100

72 22.2 23.7 35.5#





#31

Cyclohexane

Concen: 49.825 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN071816.D

Acq: 02 Apr 2022 22:35

Instrument :

MSVOA_N

ClientSampleId :

MW-4

Tgt Ion: 56 Resp: 537484

Ion Ratio Lower Upper

56 100

69 40.1 27.8 41.8

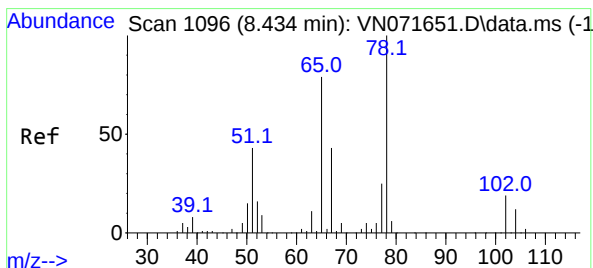
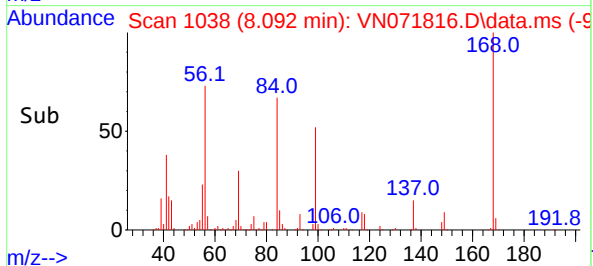
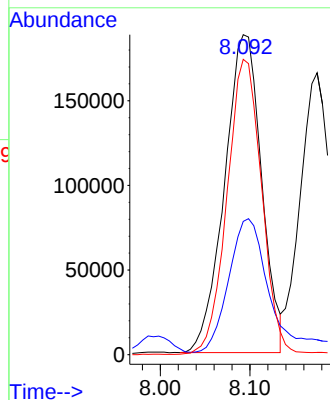
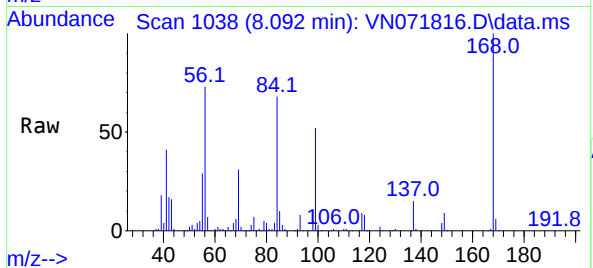
84 92.7 76.9 115.3

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#33

1,2-Dichloroethane-d4

Concen: 48.211 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071816.D

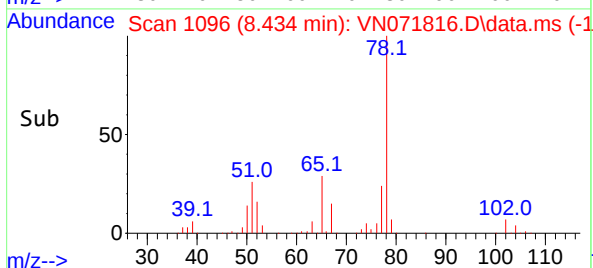
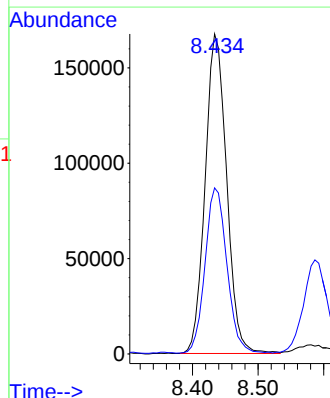
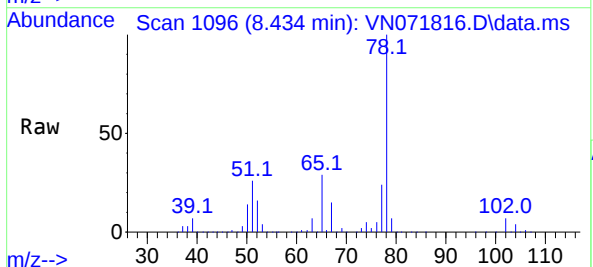
Acq: 02 Apr 2022 22:35

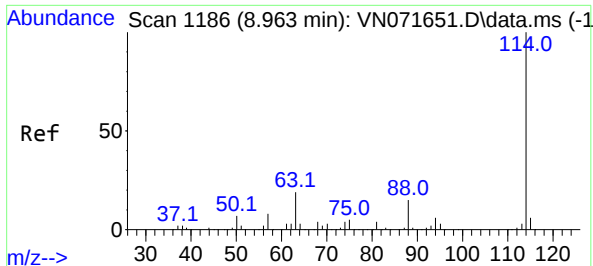
Tgt Ion: 65 Resp: 382424

Ion Ratio Lower Upper

65 100

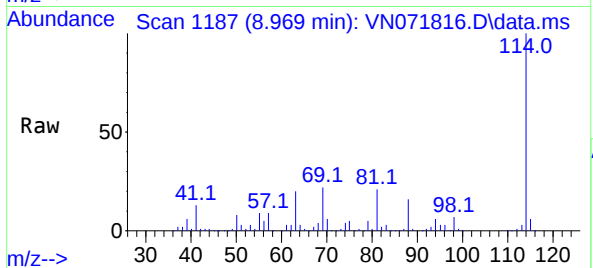
67 52.4 0.0 104.8





#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

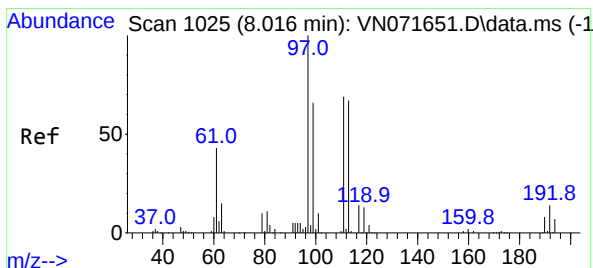
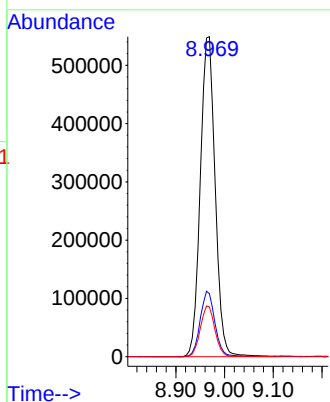
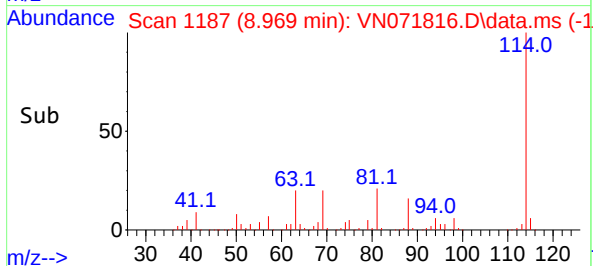
Instrument :
MSVOA_N
ClientSampleId :
MW-4



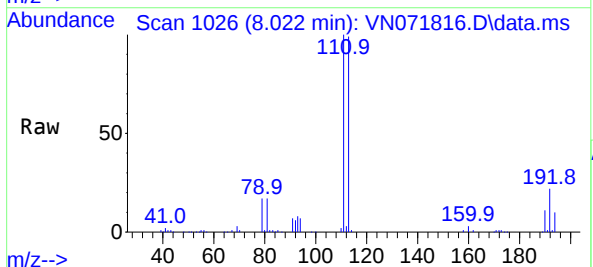
Tgt Ion:114 Resp: 1161374
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.5 0.0 32.6

Manual Integrations
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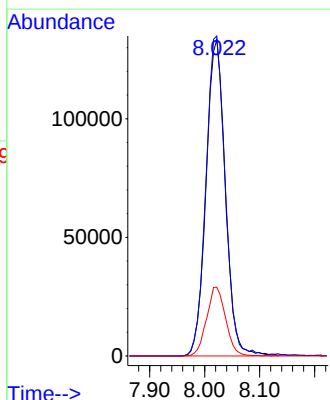
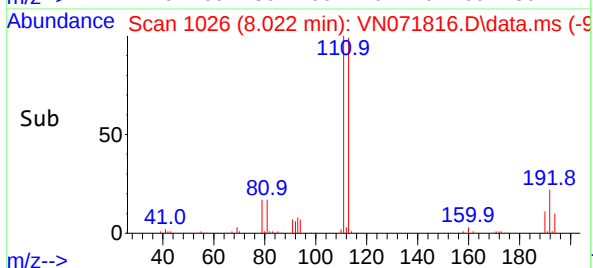
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

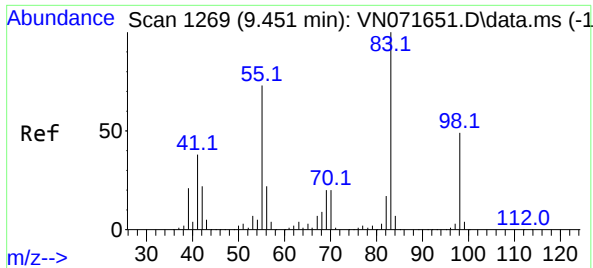


#35
Dibromofluoromethane
Concen: 47.500 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35



Tgt Ion:113 Resp: 324616
Ion Ratio Lower Upper
113 100
111 101.3 81.4 122.0
192 21.5 17.0 25.6





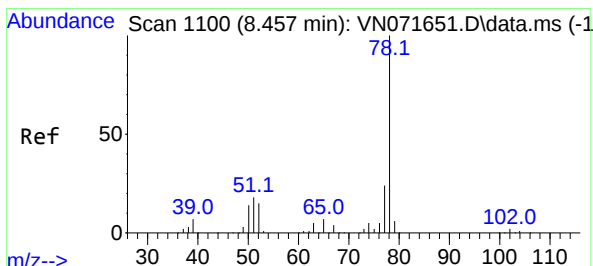
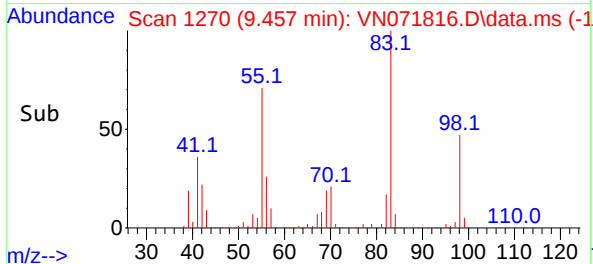
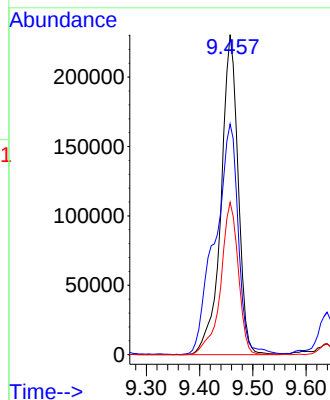
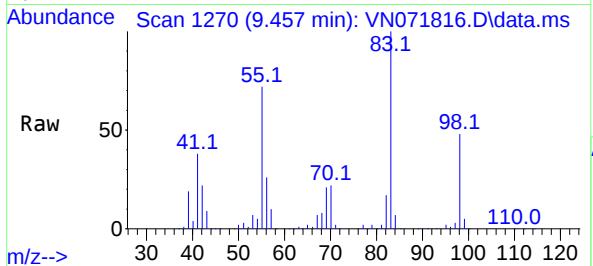
#39
Methylcyclohexane
Concen: 45.416 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion: 83 Resp: 515938
Ion Ratio Lower Upper
83 100
55 72.1 57.8 86.8
98 47.6 39.4 59.2

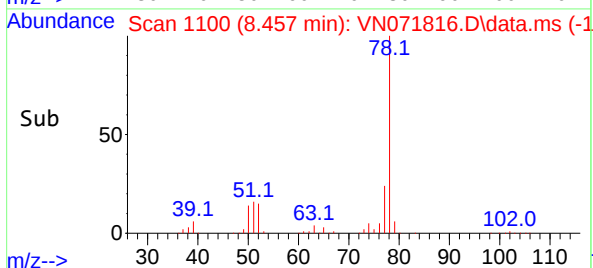
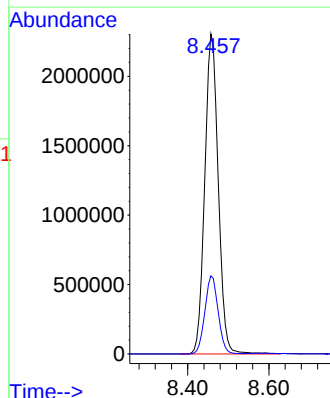
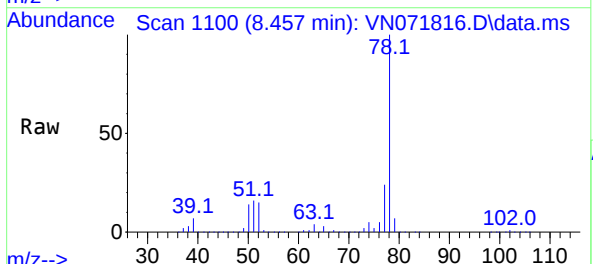
Manual Integrations
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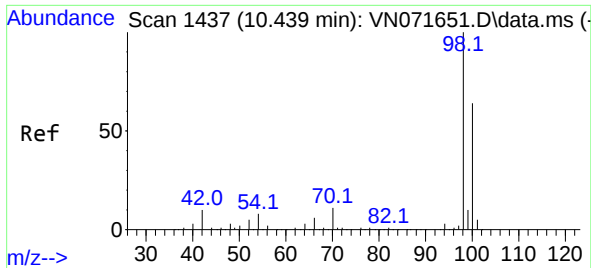
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#40
Benzene
Concen: 176.127 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

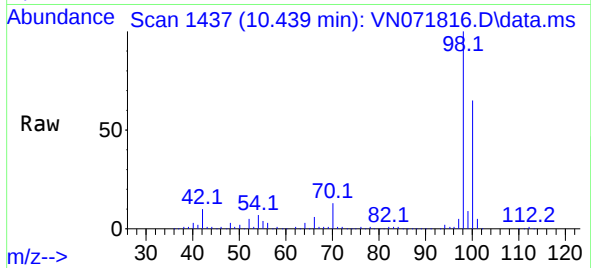
Tgt Ion: 78 Resp: 5309756
Ion Ratio Lower Upper
78 100
77 24.4 19.4 29.0





#50
Toluene-d8
Concen: 52.477 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

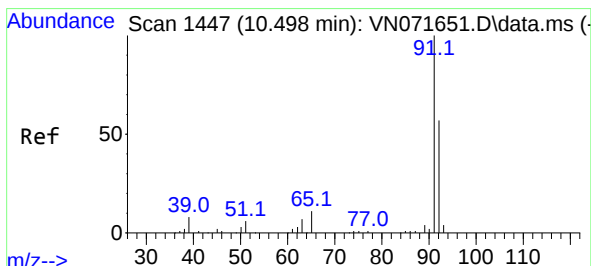
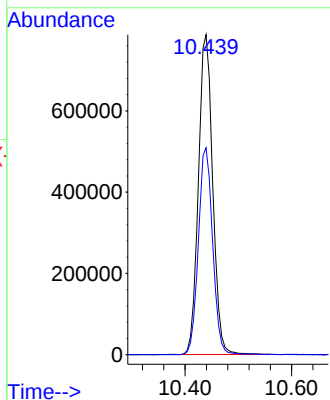
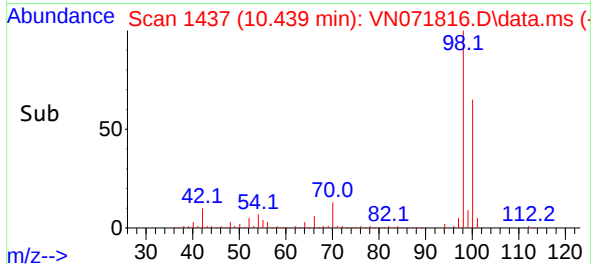
Instrument :
MSVOA_N
ClientSampleId :
MW-4



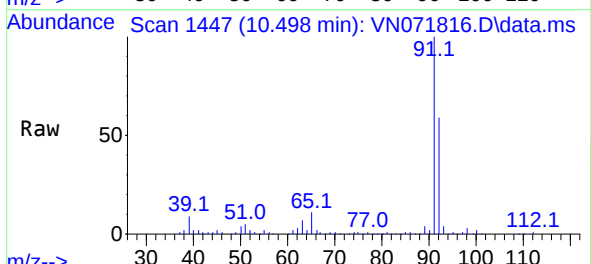
Tgt Ion: 98 Resp: 146707
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8

Manual Integrations
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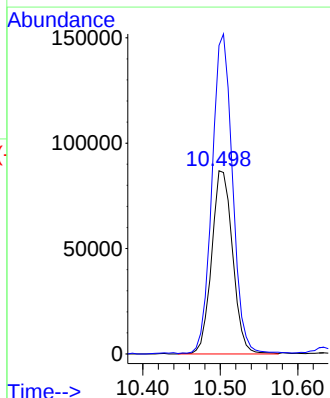
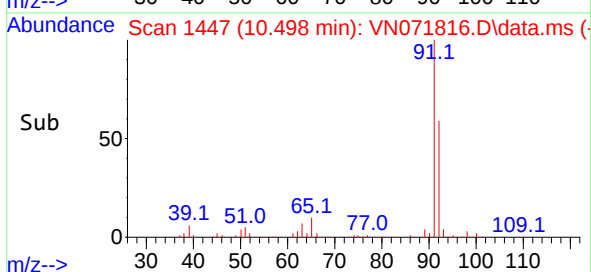
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

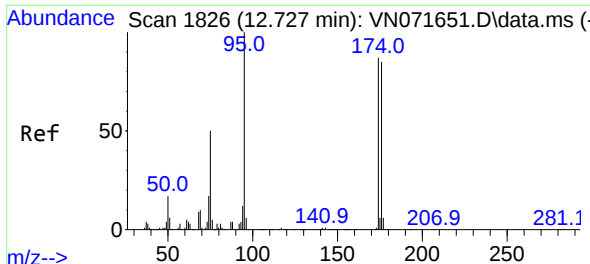


#52
Toluene
Concen: 8.572 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35



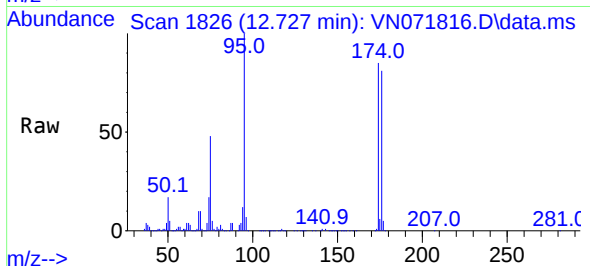
Tgt Ion: 92 Resp: 163348
Ion Ratio Lower Upper
92 100
91 170.3 138.6 207.8





#62
4-Bromofluorobenzene
Concen: 59.577 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

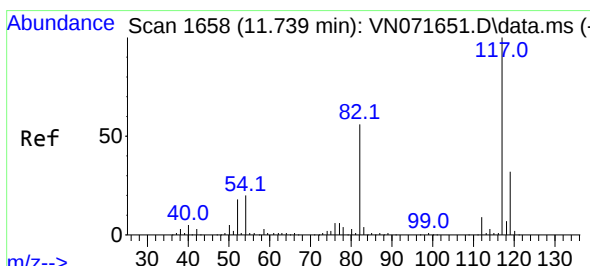
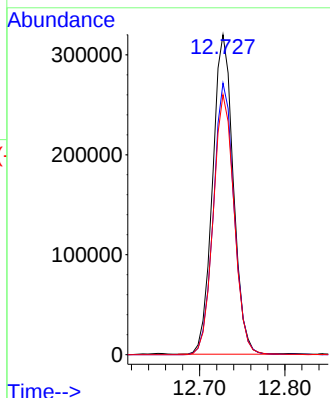
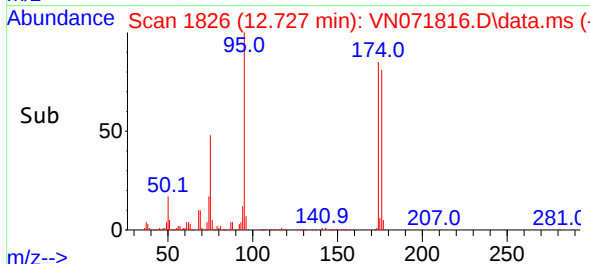
Instrument :
MSVOA_N
ClientSampleId :
MW-4



Tgt Ion: 95 Resp: 53866
Ion Ratio Lower Upper
95 100
174 84.8 0.0 167.6
176 82.1 0.0 163.4

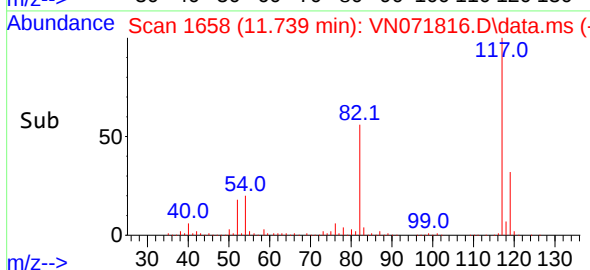
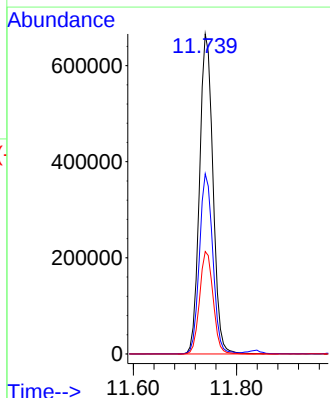
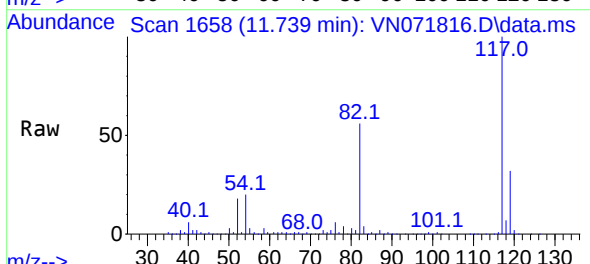
Manual Integrations
APPROVED

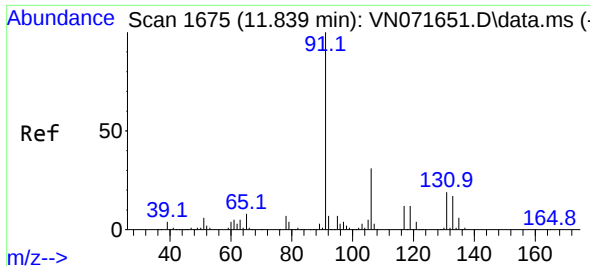
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

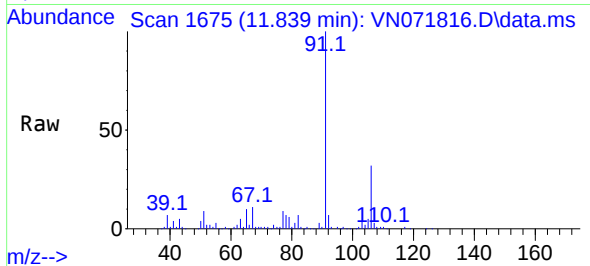
Tgt Ion:117 Resp: 1201695
Ion Ratio Lower Upper
117 100
82 56.2 44.2 66.2
119 32.0 25.4 38.0





#67
Ethyl Benzene
Concen: 4.858 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

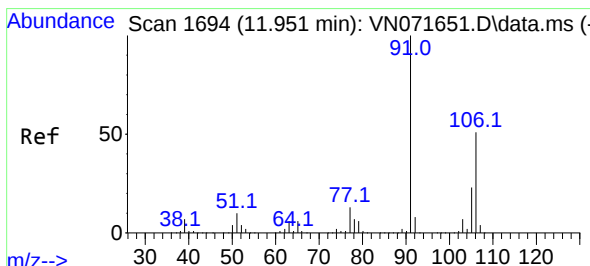
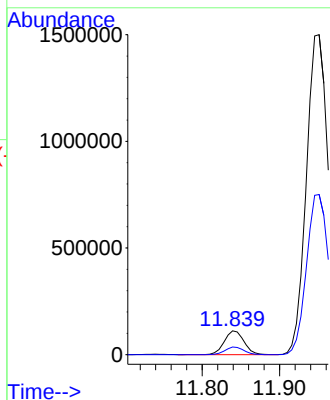
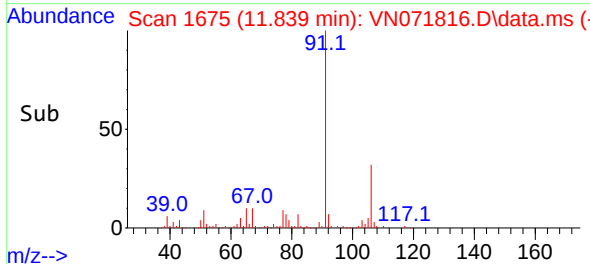
Instrument :
MSVOA_N
ClientSampleId :
MW-4



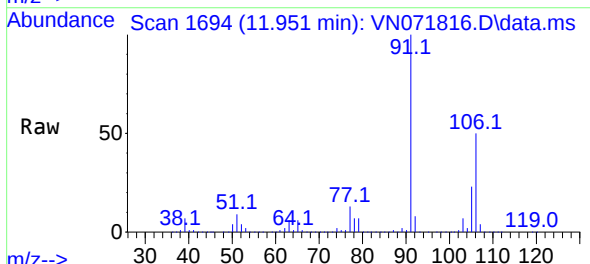
Tgt Ion: 91 Resp: 197870
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

Manual Integrations
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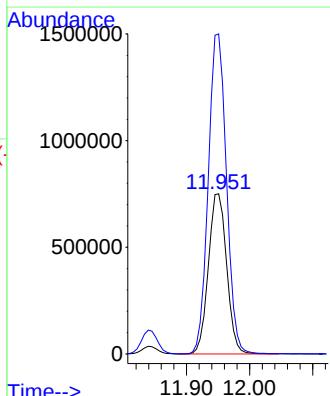
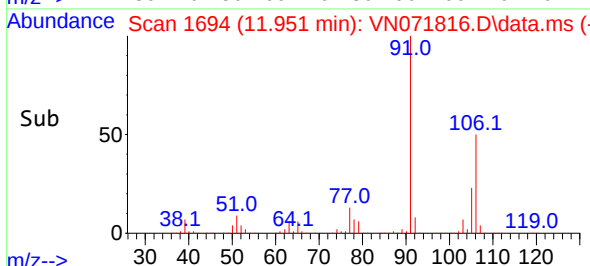
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

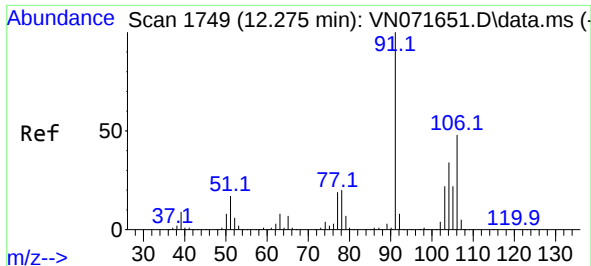


#68
m/p-Xylenes
Concen: 96.277 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35



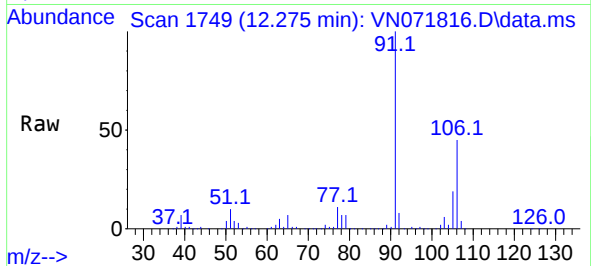
Tgt Ion:106 Resp: 1506827
Ion Ratio Lower Upper
106 100
91 198.9 158.9 238.3





#69
o-Xylene
Concen: 8.423 ug/l
RT: 12.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

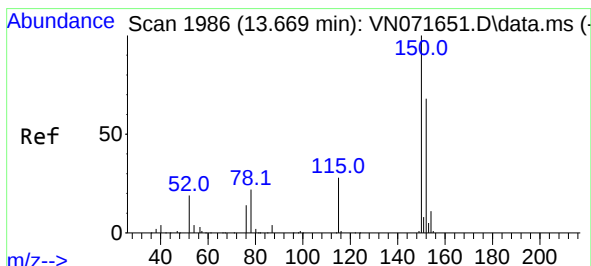
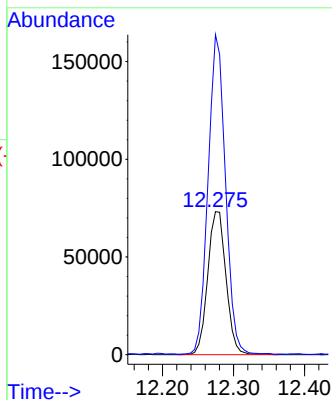
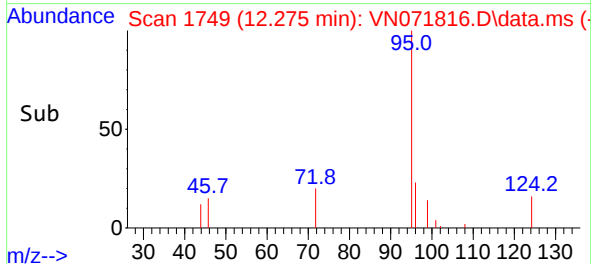
Instrument :
MSVOA_N
ClientSampleId :
MW-4



Tgt Ion:106 Resp: 13084
Ion Ratio Lower Upper
106 100
91 212.5 106.0 318.0

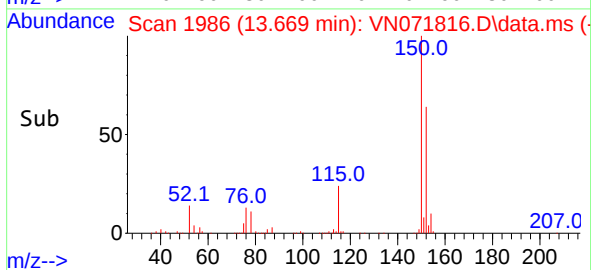
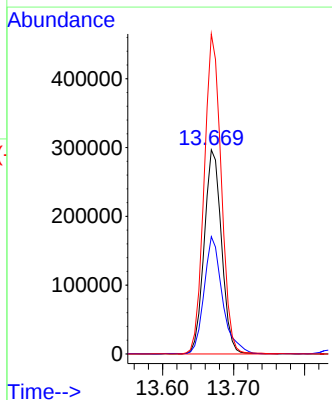
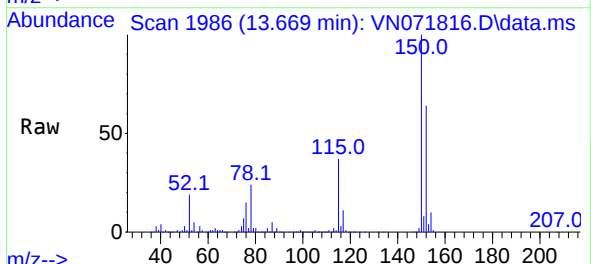
Manual Integrations
APPROVED

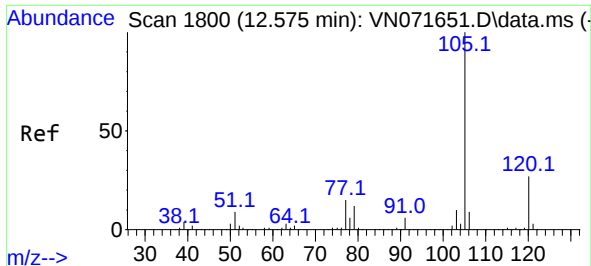
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion:152 Resp: 503387
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.7
150 154.7 0.0 356.2





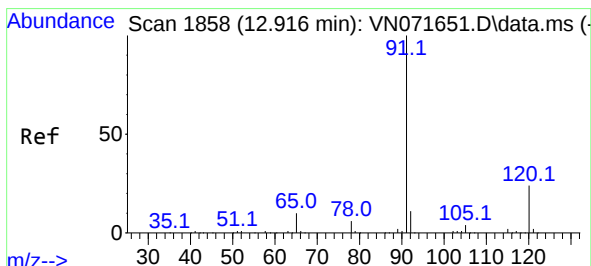
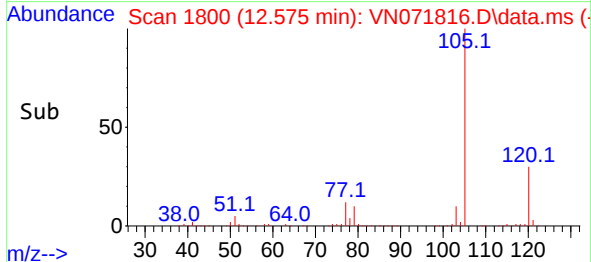
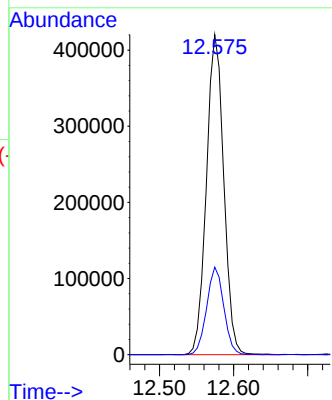
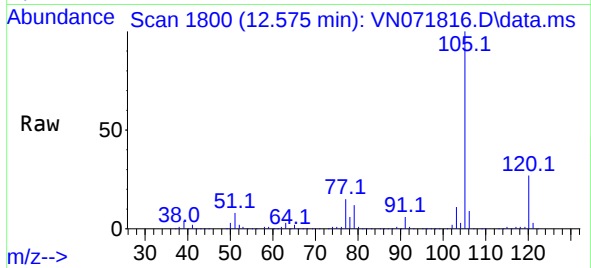
#73
Isopropylbenzene
Concen: 16.109 ug/l
RT: 12.575 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:105 Resp: 683348
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

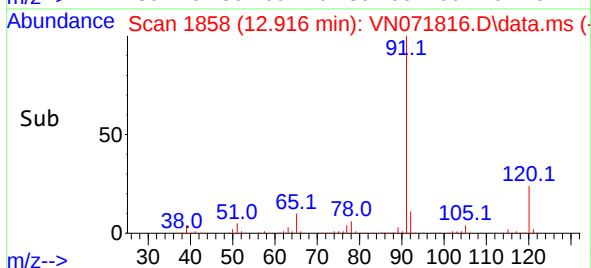
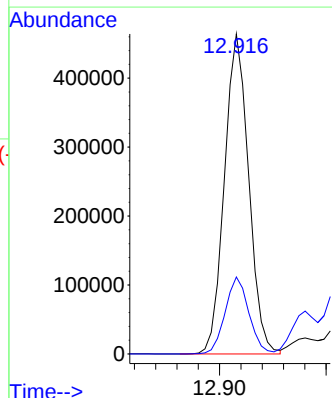
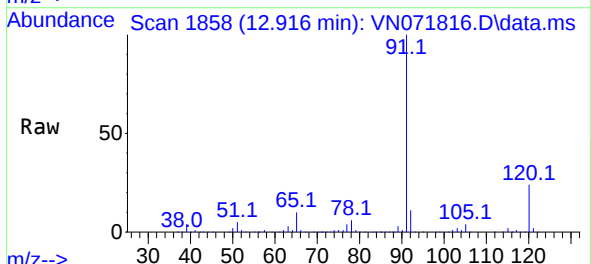
Manual Integrations
APPROVED

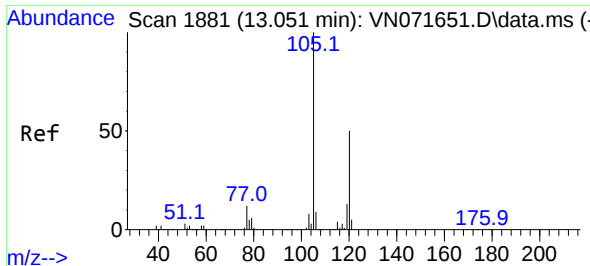
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#78
n-propylbenzene
Concen: 16.446 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion: 91 Resp: 733827
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





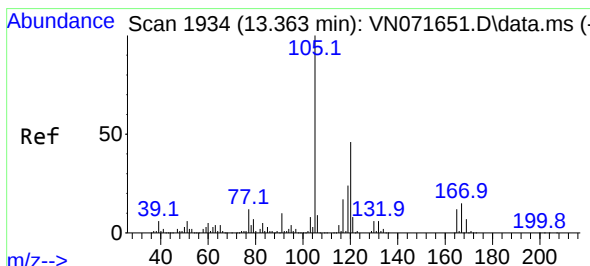
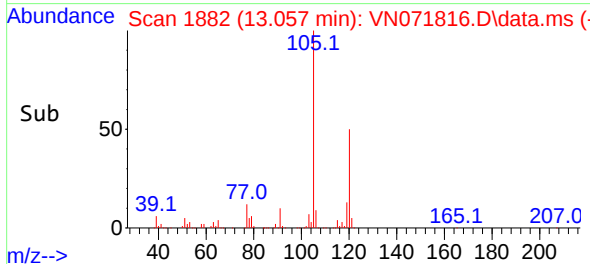
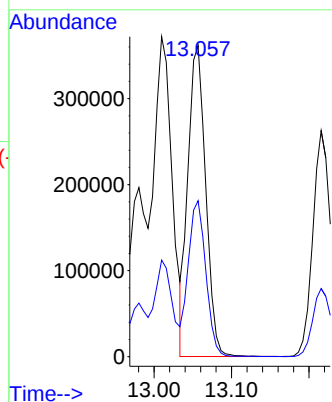
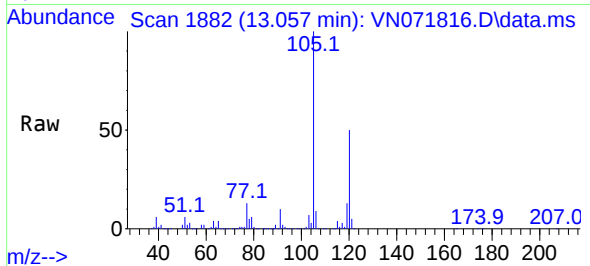
#80
1,3,5-Trimethylbenzene
Concen: 17.091 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Instrument :
MSVOA_N
ClientSampleId :
MW-4

Tgt Ion:105 Resp: 574399
Ion Ratio Lower Upper
105 100
120 49.7 24.9 74.7

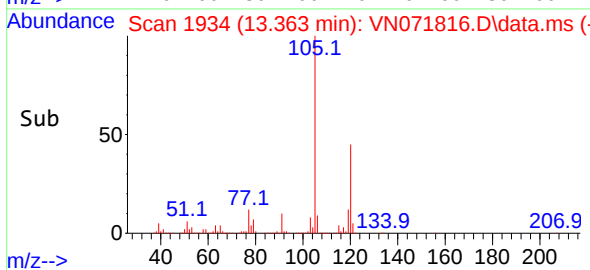
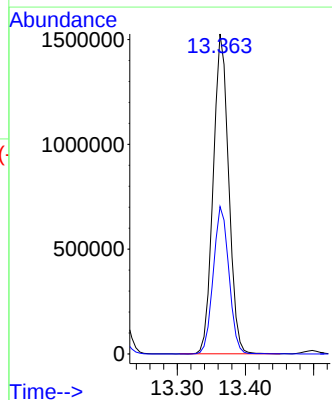
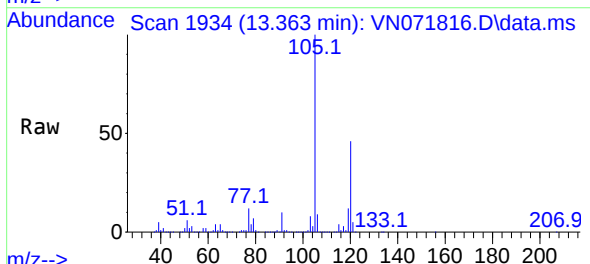
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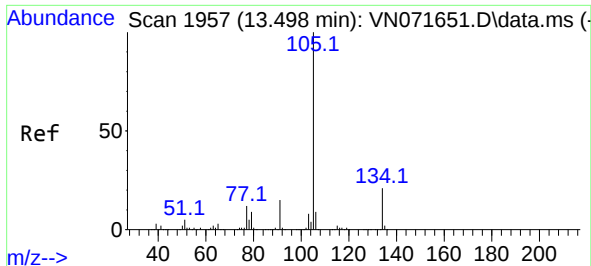
Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022



#84
1,2,4-Trimethylbenzene
Concen: 73.548 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Tgt Ion:105 Resp: 2411812
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





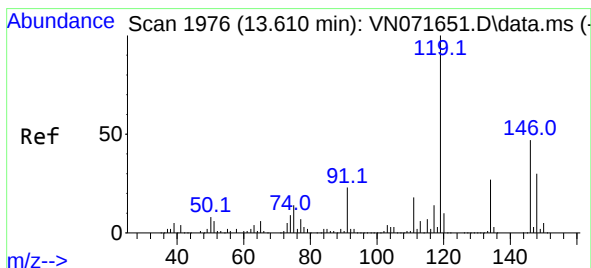
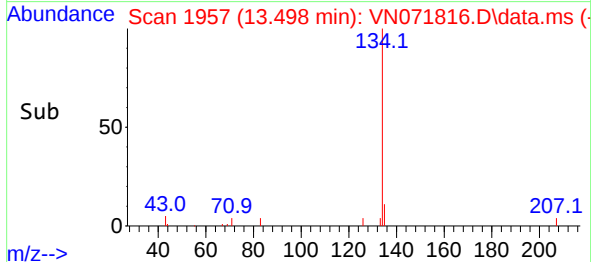
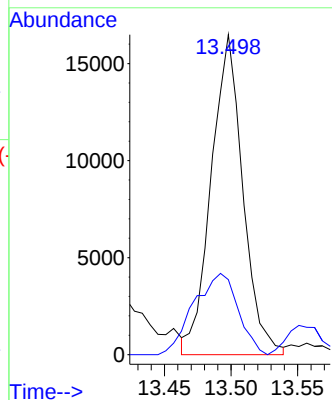
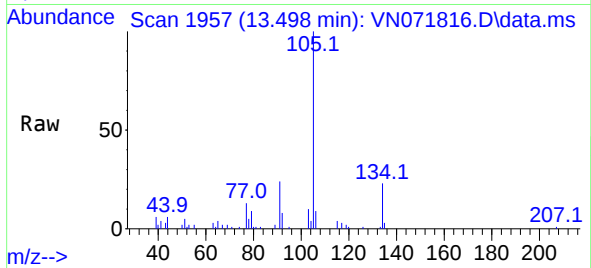
#85
 sec-Butylbenzene
 Concen: 0.685 ug/l m
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071816.D
 Acq: 02 Apr 2022 22:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4

Tgt Ion:105 Resp: 2728
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.4 31.1

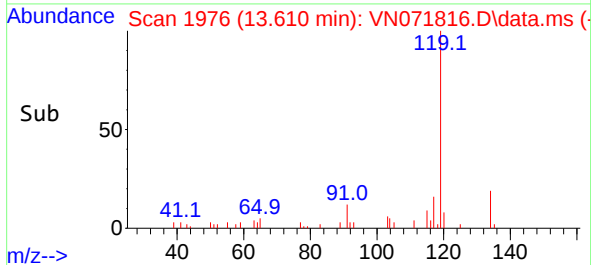
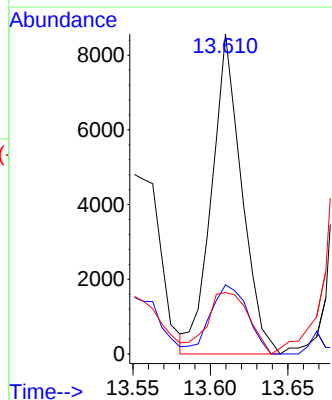
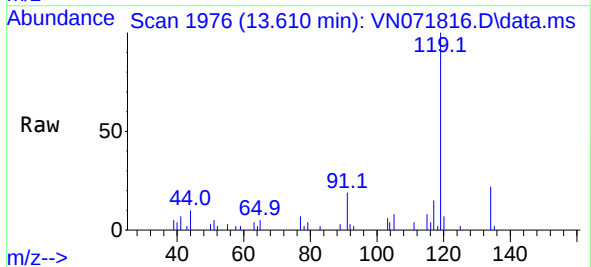
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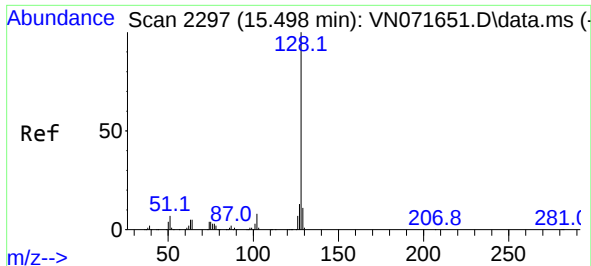
Reviewed By :John Carbone 04/04/2022
 Supervised By :Mahesh Dadoda 04/05/2022



#86
 p-Isopropyltoluene
 Concen: 0.362 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071816.D
 Acq: 02 Apr 2022 22:35

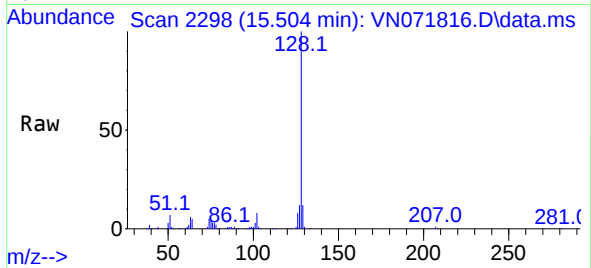
Tgt Ion:119 Resp: 11510
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 0.0 11.3 33.9





#95
Naphthalene
Concen: 15.128 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071816.D
Acq: 02 Apr 2022 22:35

Instrument :
MSVOA_N
ClientSampleId :
MW-4



Tgt Ion:128 Resp: 28098
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 04/04/2022
Supervised By :Mahesh Dadoda 04/05/2022

