

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW010622\
 Data File : VW024290.D
 Acq On : 06 Jan 2022 12:40
 Operator : SY/MD
 Sample : N1025-10DL 5X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGLH4DL

Quant Time: Jan 07 01:37:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 07 01:34:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

01/07/2022
 Supervised By :Amit
 Patel

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	244448	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	231584	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	129489	50.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	80266	45.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.240%
7) Chloroethane-d5	1.568	69	64962	48.608	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.220%
11) 1,1-Dichloroethene-d2	2.108	63	121134	36.841	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.680%
21) 2-Butanone-d5	3.880	46	94407	96.318	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.320%
24) Chloroform-d	4.346	84	157411	48.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.920%
26) 1,2-Dichloroethane-d4	5.031	65	108857	50.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.140%
32) Benzene-d6	5.050	84	302107	49.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
36) 1,2-Dichloropropane-d6	6.066	67	85878	50.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.420%
41) Toluene-d8	7.313	98	289530	49.481	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	7.619	79	48849	50.088	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.180%
47) 2-Hexanone-d5	8.085	63	69067	93.862	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.860%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	118356	48.899	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	135080	52.335	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.680%

Target Compounds

						Qvalue
5) Vinyl chloride	1.314	62	11567	6.598	ug/L	95
13) Acetone	2.179	43	24825	25.653	ug/L	98
17) trans-1,2-Dichloroethene	2.770	96	1086	0.708	ug/L	82
19) 1,1-Dichloroethane	3.195	63	10095	3.967	ug/L	94
20) cis-1,2-Dichloroethene	3.912	96	95235	58.118	ug/L	96
22) 2-Butanone	3.986	43	13347m	12.984	ug/L	
27) 1,2-Dichloroethane	5.140	62	6254m	2.584	ug/L	
33) Benzene	5.098	78	154180	26.183	ug/L	100
42) Toluene	7.387	91	487739	73.787	ug/L	100
51) Chlorobenzene	8.883	112	14858	3.337	ug/L	95
52) Ethylbenzene	9.011	91	283472	40.142	ug/L	99
53) m,p-Xylene	9.137	106	170363	60.187	ug/L	98
54) o-Xylene	9.542	106	99957	36.993	ug/L	96
60) Isopropylbenzene	9.931	105	35645	4.975	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	22723	3.687	ug/L	95
63) 1,2,4-Trimethylbenzene	10.915	105	193488	31.445	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	2666	0.700	ug/L	90
67) 1,2-Dichlorobenzene	11.641	146	24696	6.486	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	2186	0.899	ug/L #	92

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Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL

Manual Integrations
APPROVED

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Dadoda

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Supervised By :Amit
Patel

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

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

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Operator : SY/MD
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Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL

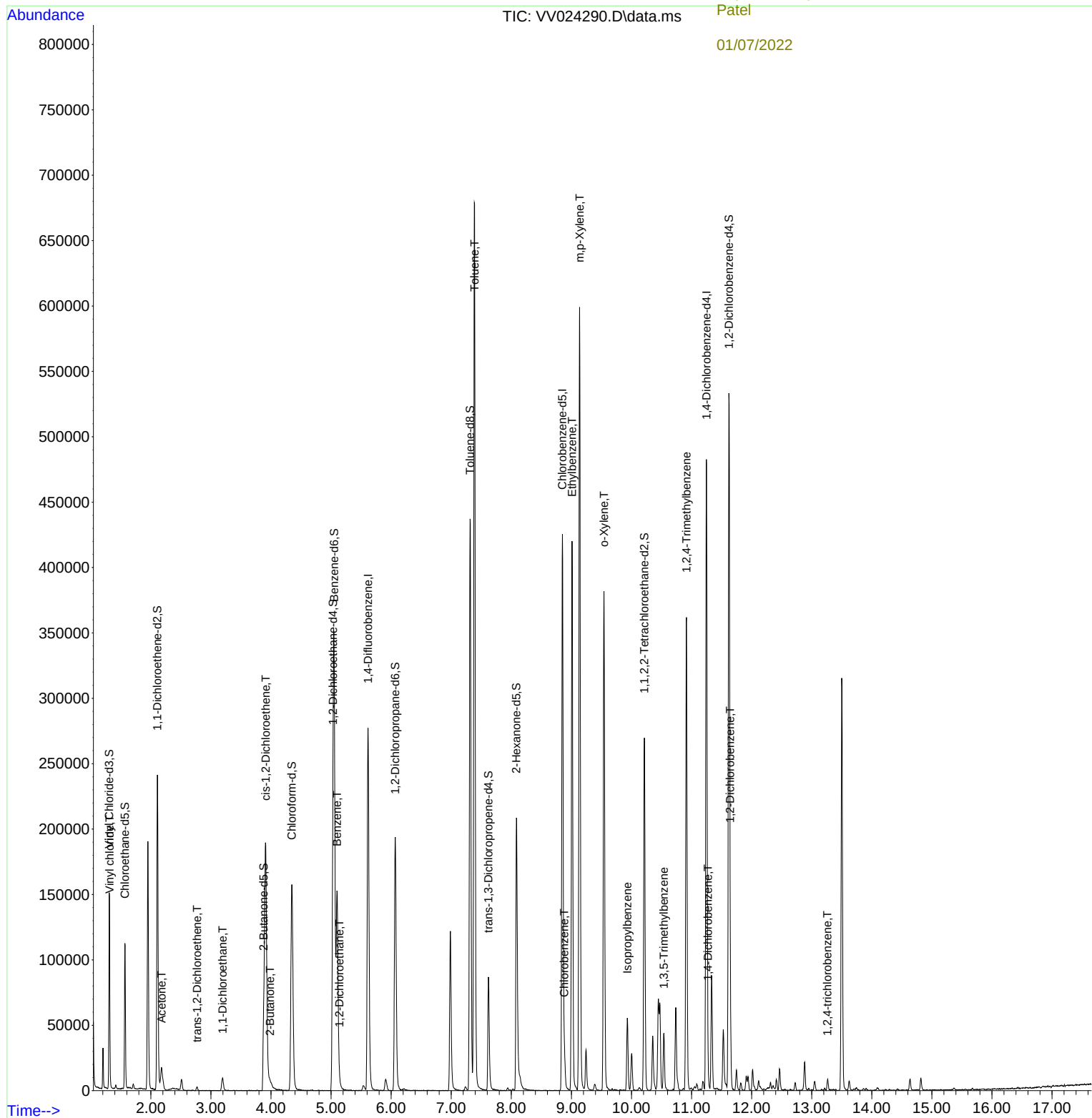
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 07 01:34:41 2022
Response via : Initial Calibration

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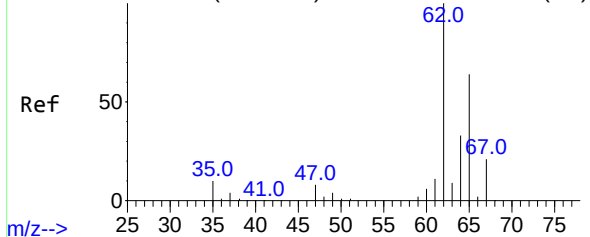
Reviewed By :Mahesh
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Patel

01/07/2022



Abundance Scan 85 (1.314 min): VV024286.D\data.ms (-77)



#5

Vinyl chloride

Concen: 6.598 ug/L

RT: 1.314 min Scan# 85

Delta R.T. 0.000 min

Lab File: VV024290.D

Acq: 06 Jan 2022 12:40

Instrument :

MSVOA_V

ClientSampleId :

BGLH4DL

Tgt Ion: 62 Resp: 1156

Ion Ratio Lower Upper

62 100

64 38.4 25.0 46.4

Manual Integrations

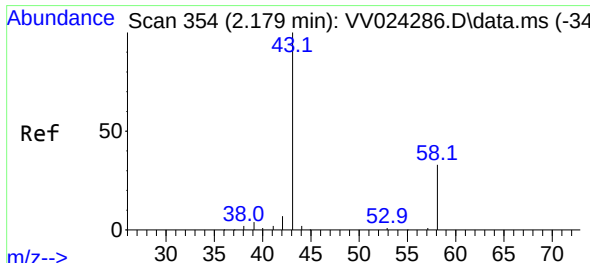
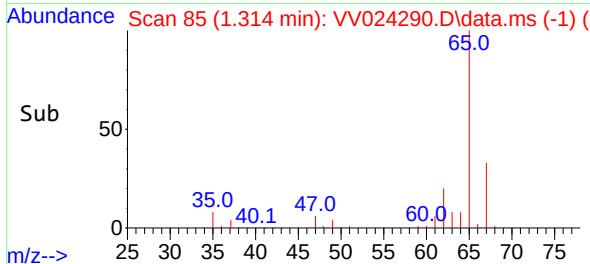
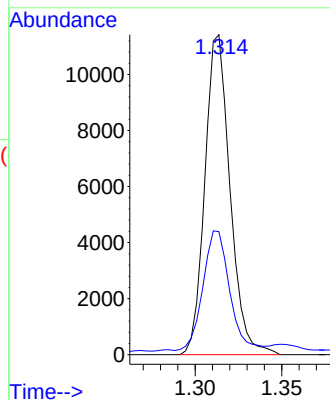
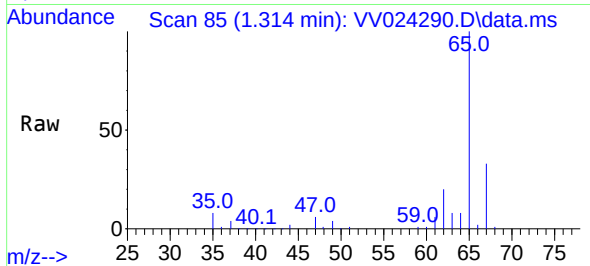
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#13

Acetone

Concen: 25.653 ug/L

RT: 2.179 min Scan# 354

Delta R.T. 0.000 min

Lab File: VV024290.D

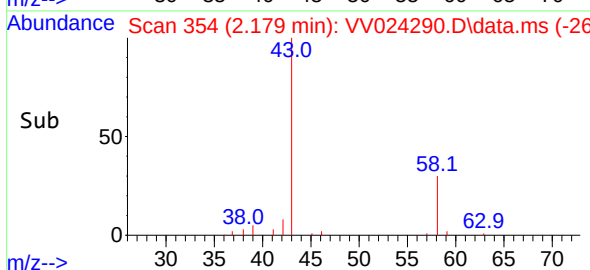
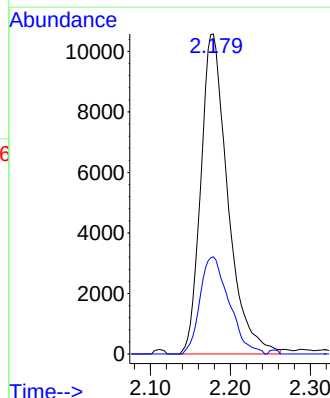
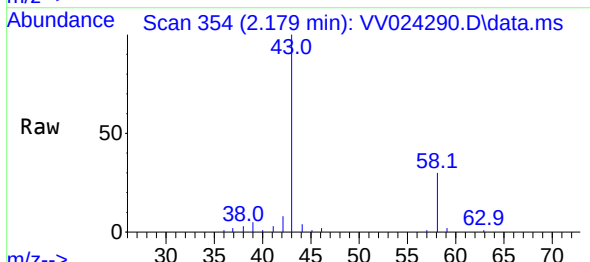
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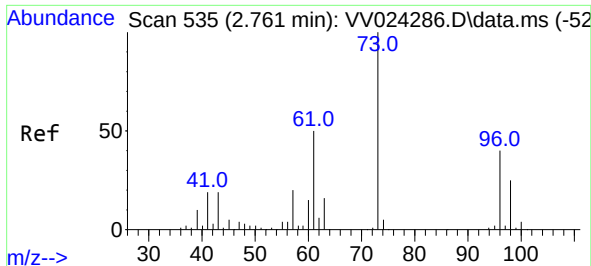
Tgt Ion: 43 Resp: 24825

Ion Ratio Lower Upper

43 100

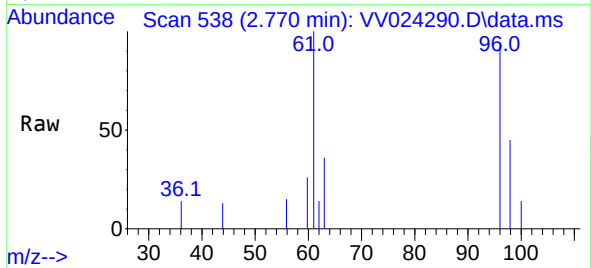
58 32.6 0.0 63.0





#17
trans-1,2-Dichloroethene
Concen: 0.708 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL



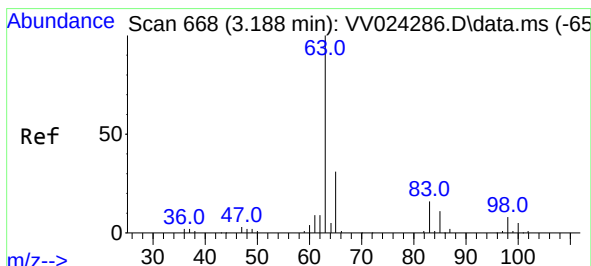
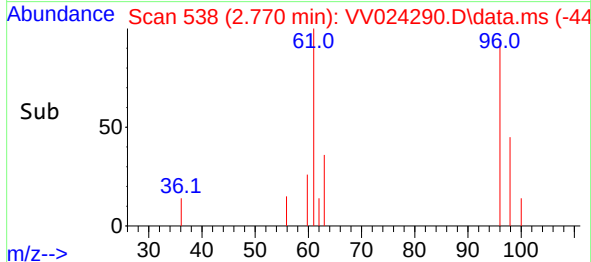
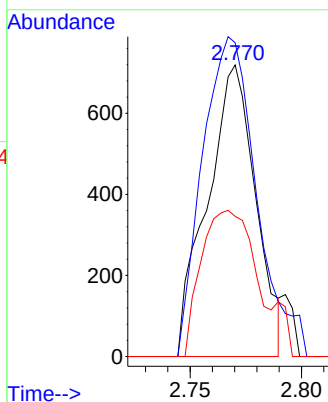
Tgt Ion: 96 Resp: 1080
Ion Ratio Lower Upper
96 100
61 107.6 88.1 163.7
98 48.1 45.0 83.6

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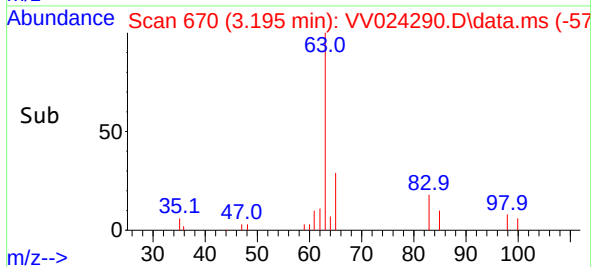
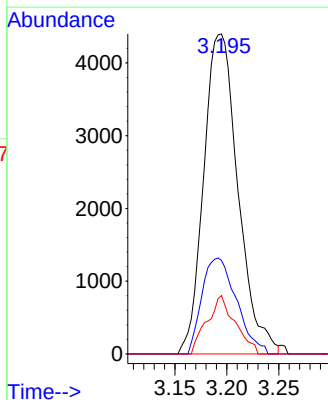
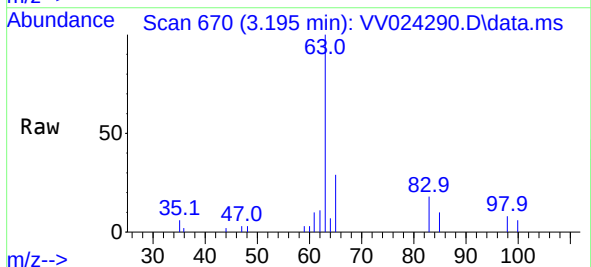
01/07/2022
Supervised By :Amit
Patel

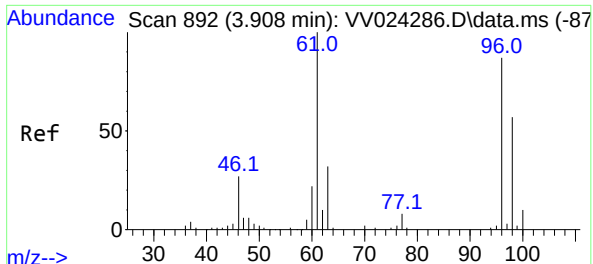
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#19
1,1-Dichloroethane
Concen: 3.967 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

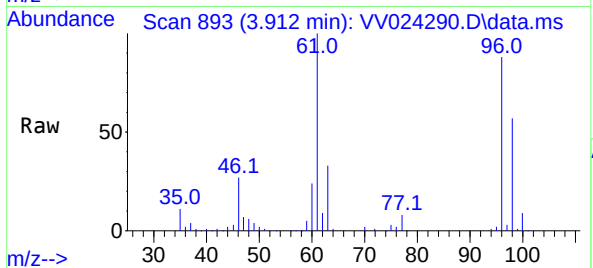
Tgt Ion: 63 Resp: 10095
Ion Ratio Lower Upper
63 100
65 29.2 22.4 41.6
83 18.2 10.6 19.6





#20
cis-1,2-Dichloroethene
Concen: 58.118 ug/L
RT: 3.912 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL



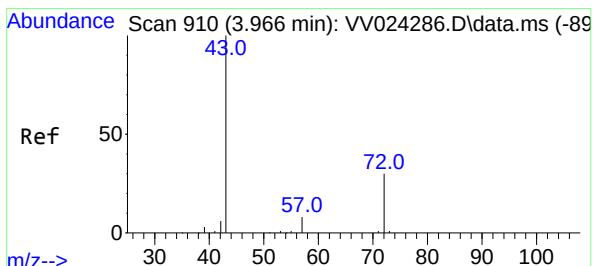
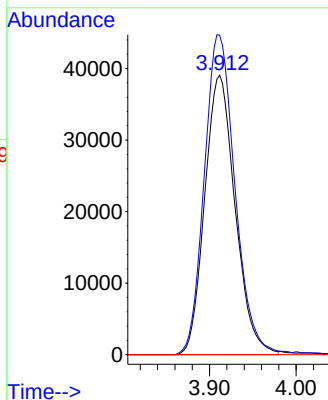
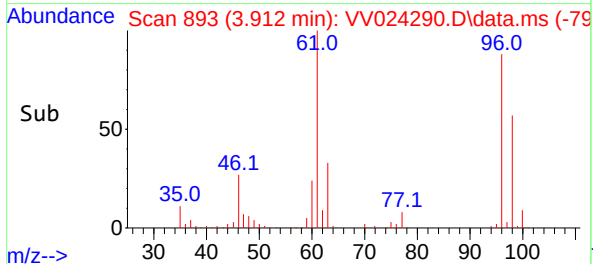
Tgt Ion: 96 Resp: 95235
Ion Ratio Lower Upper
96 100
61 114.3 82.9 153.9
68 0.0 0.0 0.0

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Dadoda

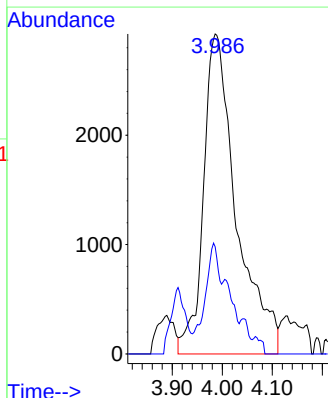
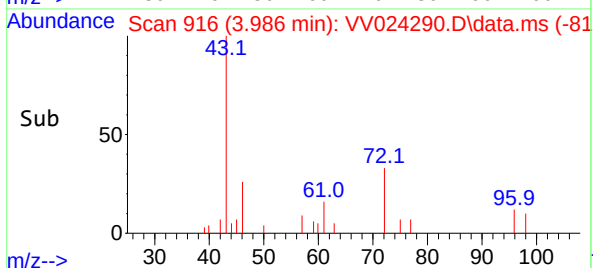
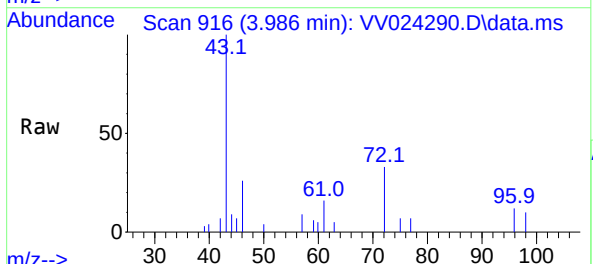
01/07/2022
Supervised By :Amit
Patel

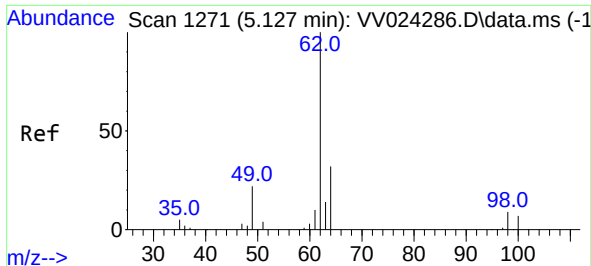
01/07/2022



#22
2-Butanone
Concen: 12.984 ug/L m
RT: 3.986 min Scan# 916
Delta R.T. 0.019 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Tgt Ion: 43 Resp: 13347
Ion Ratio Lower Upper
43 100
72 0.3 14.9 44.9#





#27
1,2-Dichloroethane
Concen: 2.584 ug/L m
RT: 5.140 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL

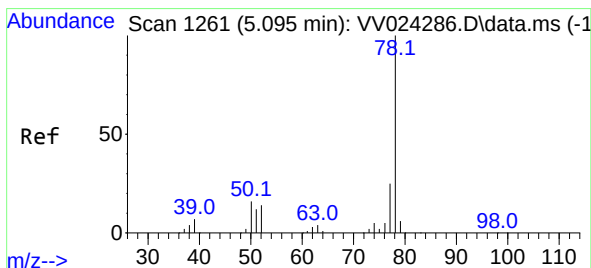
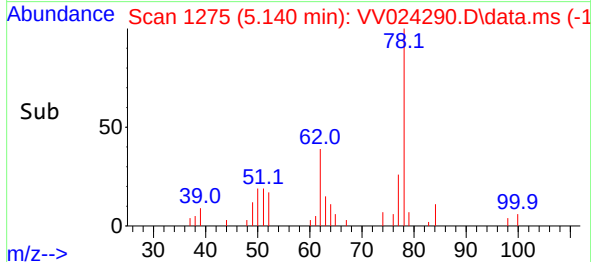
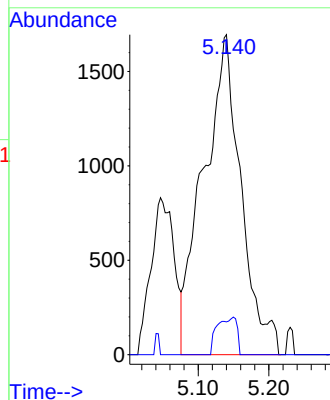
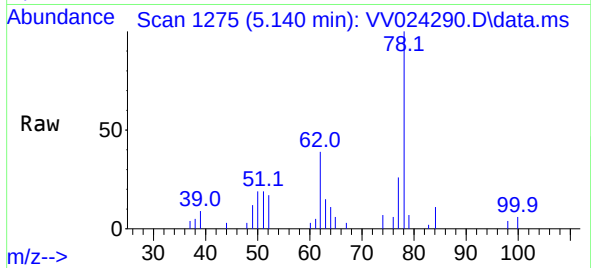
Tgt Ion: 62 Resp: 6254
Ion Ratio Lower Upper
62 100
98 10.3 7.1 10.7

Manual Integrations
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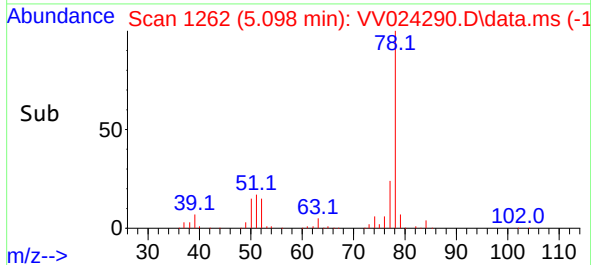
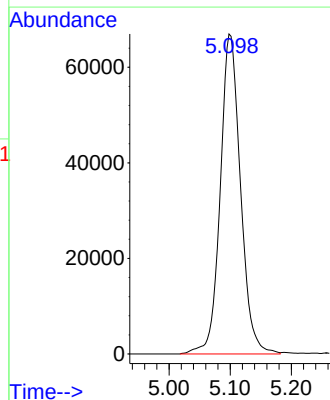
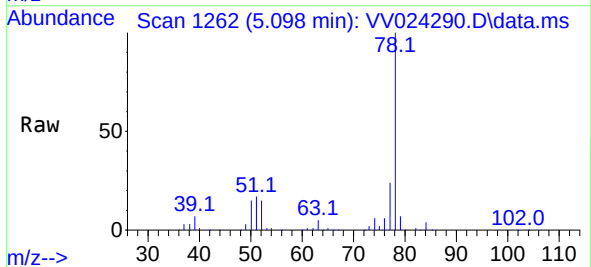
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Supervised By :Amit
Patel

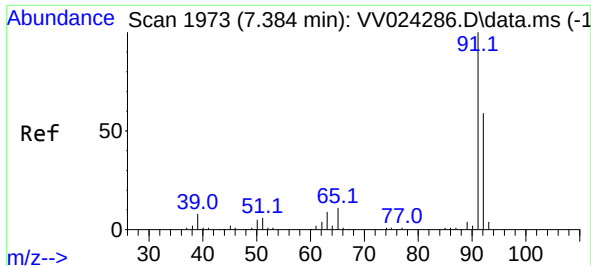
01/07/2022



#33
Benzene
Concen: 26.183 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Tgt Ion: 78 Resp: 154180





#42

Toluene

Concen: 73.787 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024290.D

Acq: 06 Jan 2022 12:40

Instrument :

MSVOA_V

ClientSampleId :

BGLH4DL

Tgt Ion: 91 Resp: 487739

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0

Manual Integrations

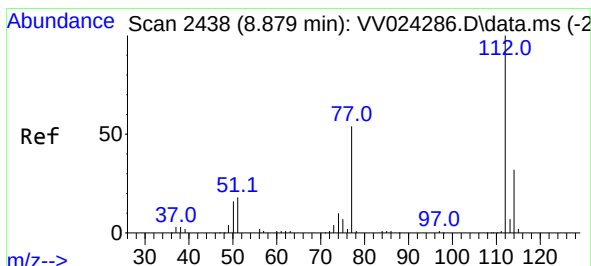
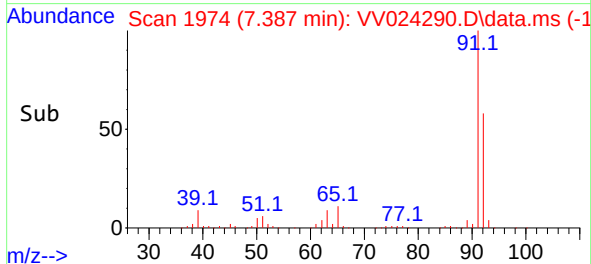
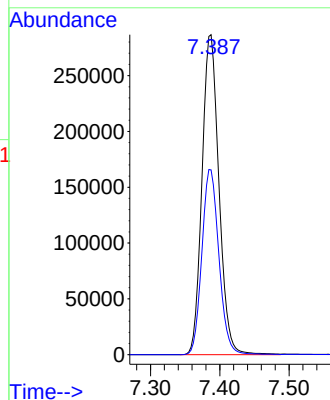
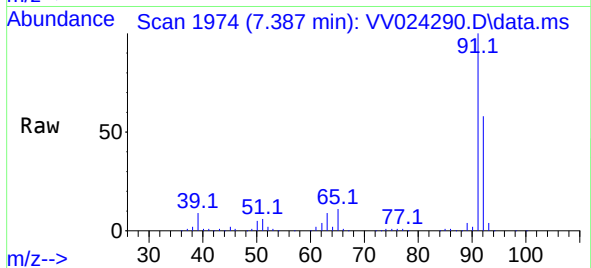
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01/07/2022

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Patel

01/07/2022



#51

Chlorobenzene

Concen: 3.337 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV024290.D

Acq: 06 Jan 2022 12:40

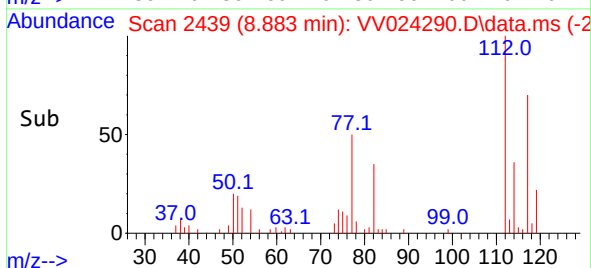
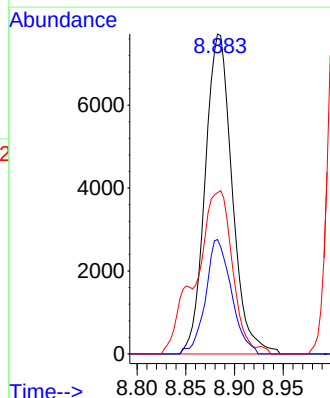
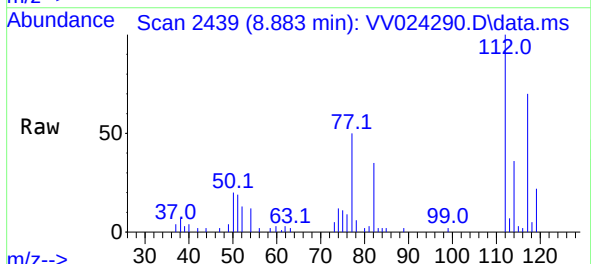
Tgt Ion:112 Resp: 14858

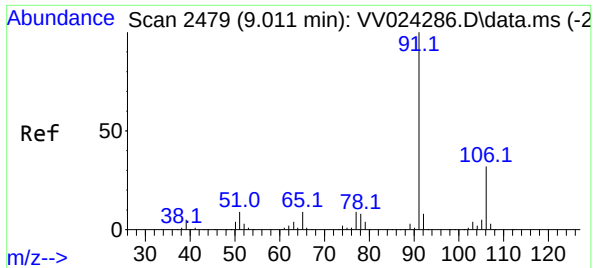
Ion Ratio Lower Upper

112 100

114 35.8 22.3 41.5

77 50.4 42.8 64.2





#52
Ethylbenzene
Concen: 40.142 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL

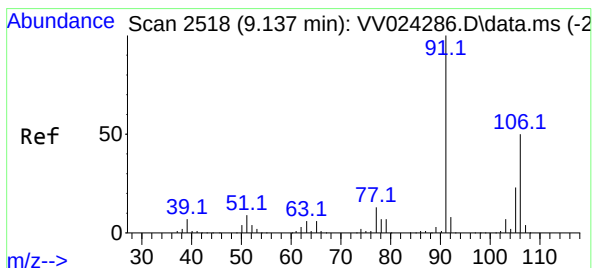
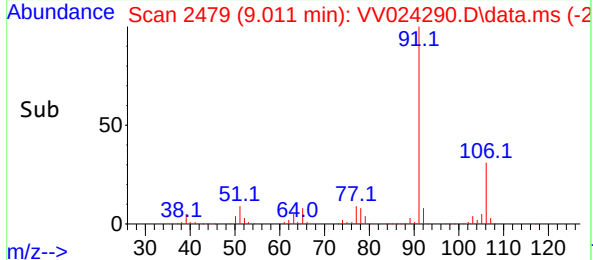
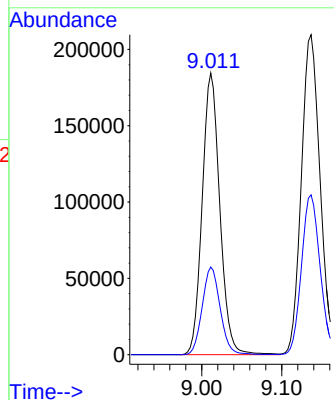
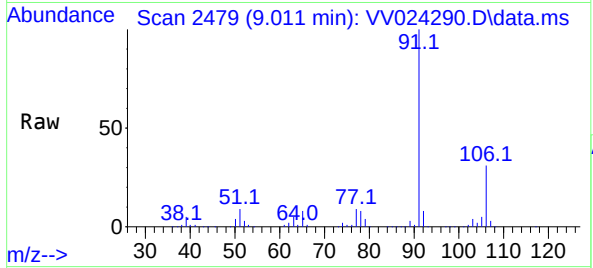
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Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0

Manual Integrations
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Reviewed By :Mahesh
Dadoda

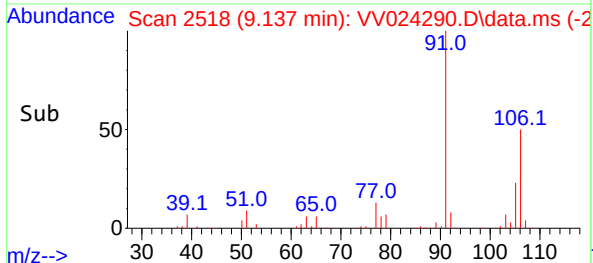
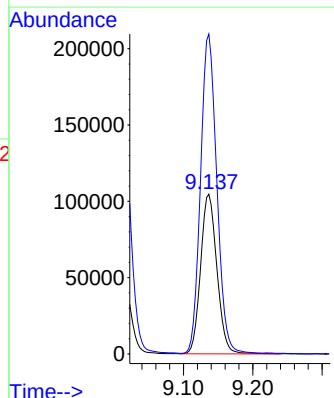
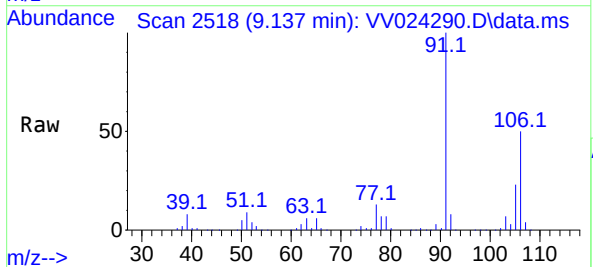
01/07/2022
Supervised By :Amit
Patel

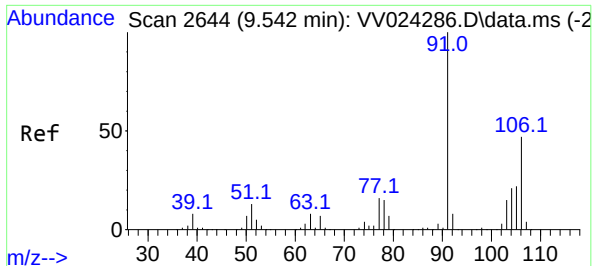
01/07/2022



#53
m,p-Xylene
Concen: 60.187 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Tgt Ion:106 Resp: 170363
Ion Ratio Lower Upper
106 100
91 200.3 141.8 263.4





#54
o-Xylene
Concen: 36.993 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL

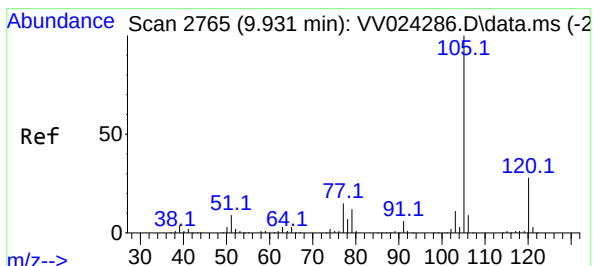
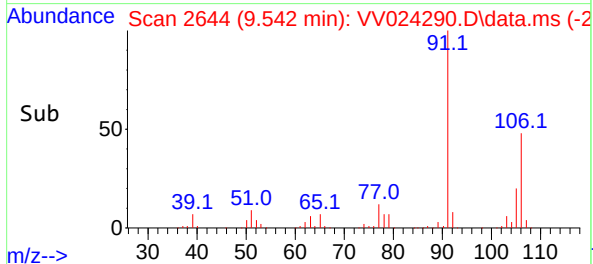
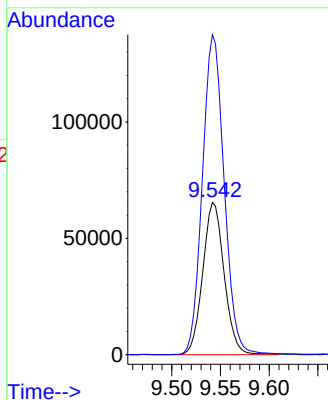
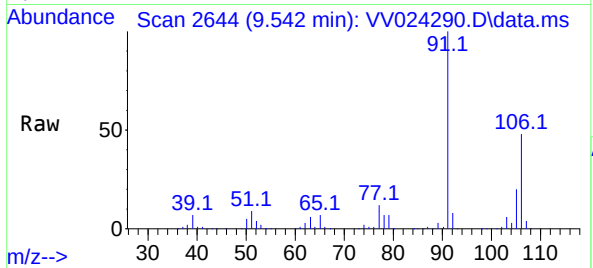
Tgt Ion:106 Resp: 9995
Ion Ratio Lower Upper
106 100
91 210.0 150.9 280.3

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Reviewed By :Mahesh
Dadoda

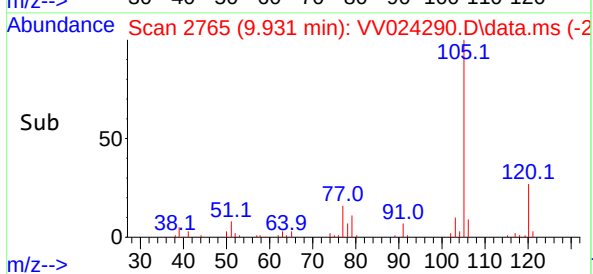
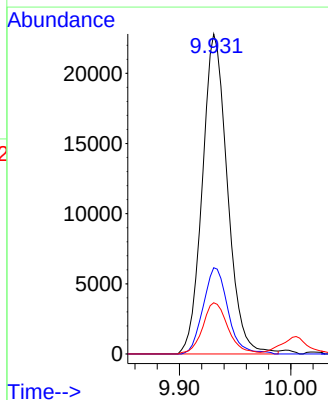
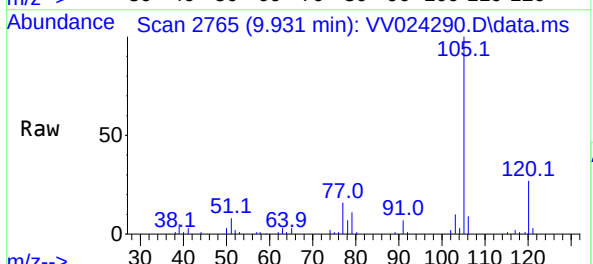
01/07/2022
Supervised By :Amit
Patel

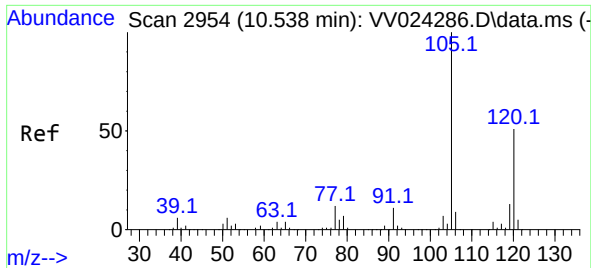
01/07/2022



#60
Isopropylbenzene
Concen: 4.975 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Tgt Ion:105 Resp: 35645
Ion Ratio Lower Upper
105 100
120 26.7 21.9 32.9
77 16.3 11.9 17.9





#62
1,3,5-Trimethylbenzene
Concen: 3.687 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL

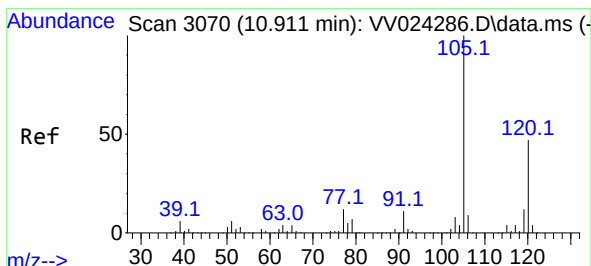
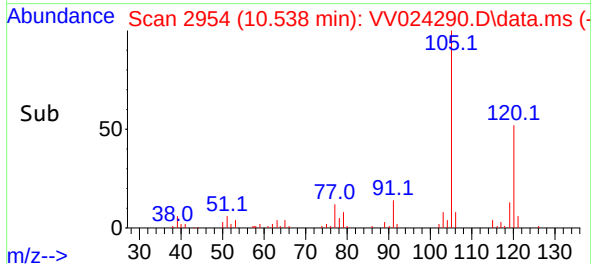
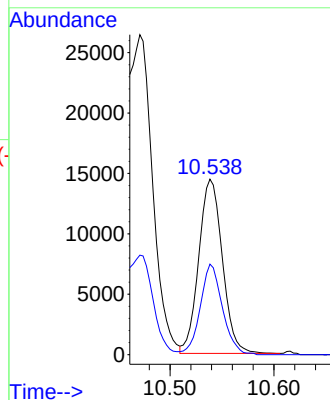
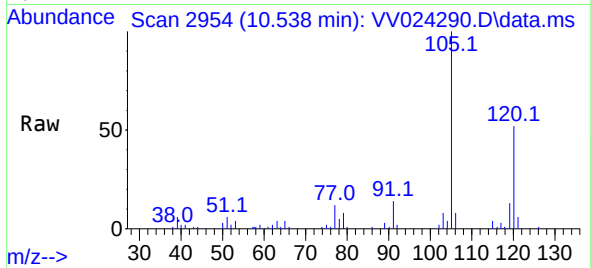
Tgt Ion:105 Resp: 22723
Ion Ratio Lower Upper
105 100
120 46.1 39.4 59.2

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Reviewed By :Mahesh
Dadoda

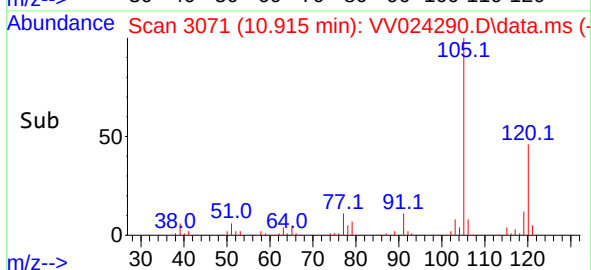
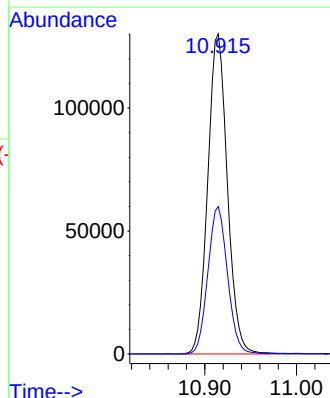
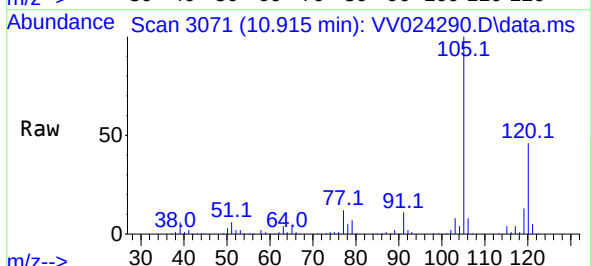
01/07/2022
Supervised By :Amit
Patel

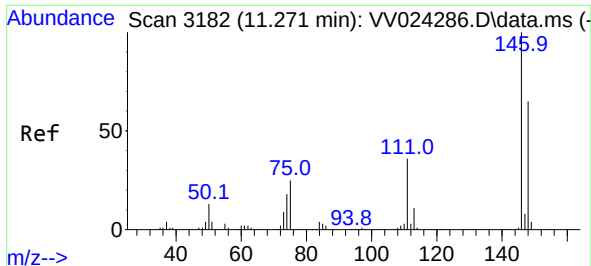
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#63
1,2,4-Trimethylbenzene
Concen: 31.445 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

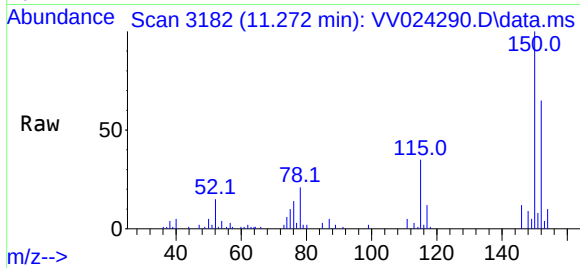
Tgt Ion:105 Resp: 193488
Ion Ratio Lower Upper
105 100
120 46.1 36.6 55.0





#65
1,4-Dichlorobenzene
Concen: 0.700 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL



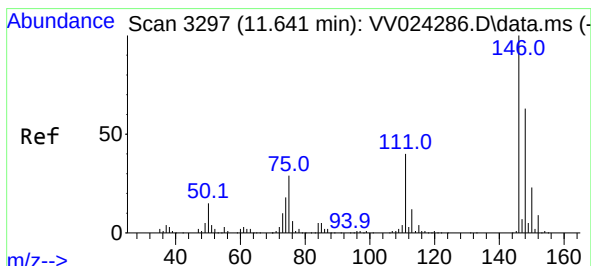
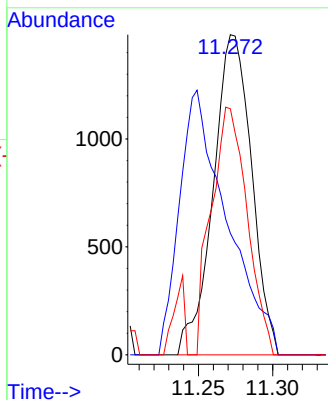
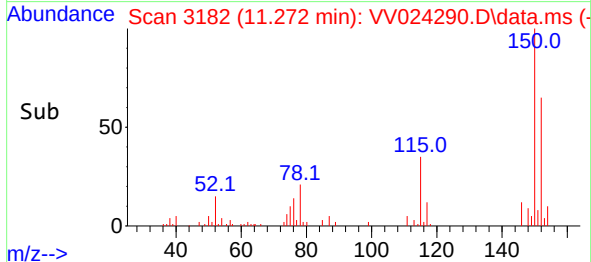
Tgt Ion:146 Resp: 2660
Ion Ratio Lower Upper
146 100
111 38.0 26.5 49.3
148 76.9 44.9 83.5

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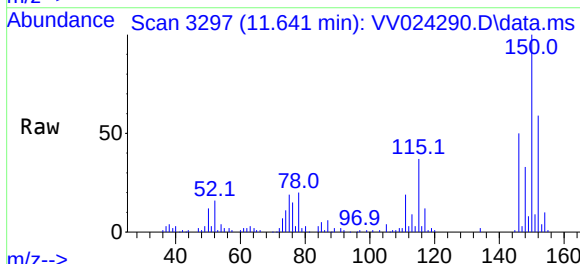
Reviewed By :Mahesh
Dadoda

01/07/2022
Supervised By :Amit
Patel

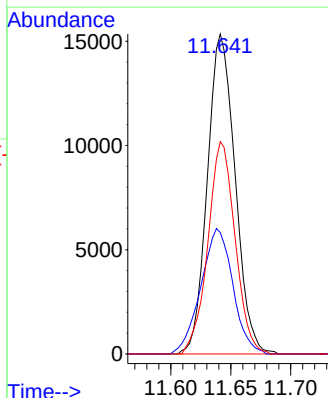
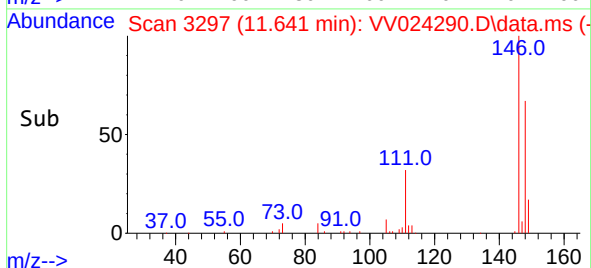
01/07/2022

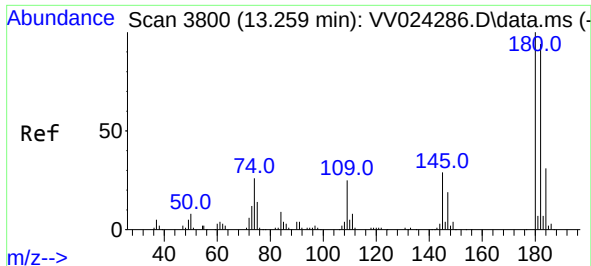


#67
1,2-Dichlorobenzene
Concen: 6.486 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40



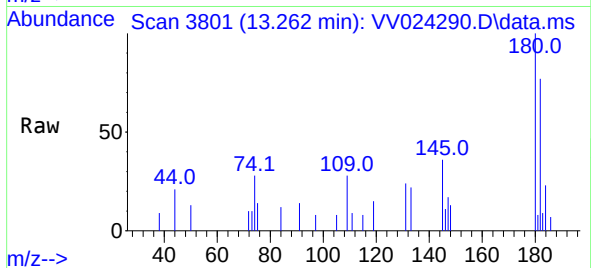
Tgt Ion:146 Resp: 24696
Ion Ratio Lower Upper
146 100
111 38.0 32.0 48.0
148 66.4 51.6 77.4





#70
1,2,4-trichlorobenzene
Concen: 0.899 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024290.D
Acq: 06 Jan 2022 12:40

Instrument :
MSVOA_V
ClientSampleId :
BGLH4DL



Tgt Ion:180 Resp: 2180
Ion Ratio Lower Upper
180 100
182 90.1 75.6 113.4
145 40.6 23.9 35.9

Manual Integrations
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Reviewed By :Mahesh
Dadoda

01/07/2022
Supervised By :Amit
Patel

01/07/2022

