

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051647.D
 Acq On : 01 Nov 2022 06:38
 Operator : JC/MD
 Sample : N5319-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAA0

Manual Integrations APPROVED

Reviewed By :Krupa Patel 11/01/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 01 07:31:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 02:34:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	247567	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	243551	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	129725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	69028	3.702	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.912	69	83539	4.296	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.562	65	26936	3.981	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.600%
20) 2-Butanone-d5	4.639	46	356888	52.852	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.700%
24) Chloroform-d	5.060	84	184221	4.222	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	5.703	65	102437	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.729	84	361108	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.690	67	126792	4.718	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.896	98	282886	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
43) trans-1,3-Dichloroprop...	8.179	79	30562	3.719	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.632	63	279977	56.598	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.200%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	124985	5.075	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	111582	4.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.800%
Target Compounds						
8) Chloroethane	1.932	64	137811	6.942	ug/L	94
13) Acetone	2.649	43	18764	5.477	ug/L	93
14) Carbon disulfide	2.790	76	21564	0.311	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	8352	0.362	ug/L	91
19) 1,1-Dichloroethane	3.867	63	5233	0.123	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	26762	1.047	ug/L	98
30) Cyclohexane	5.385	56	250053	8.212	ug/L	99
33) Benzene	5.758	78	26753972m	278.363	ug/L	
35) Methylcyclohexane	6.761	83	247737	7.725	ug/L	97
42) Toluene	7.967	91	1249249	12.656	ug/L	100
51) Chlorobenzene	9.439	112	17896046m	288.068	ug/L	
52) Ethylbenzene	9.568	91	3783732	39.728	ug/L	99
53) m,p-Xylene	9.690	106	7903536	213.650	ug/L	80
54) o-Xylene	10.099	106	2552054	70.590	ug/L	99
60) Isopropylbenzene	10.481	105	2952305	31.175	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	579637	22.735	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	2418726	32.902	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	104927	2.226	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	466212	9.862	ug/L	98

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 Dadoda

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
-----	-----	-----	-----	-----	-----
67) 1,2-Dichlorobenzene	12.208	146	214643	4.674 ug/L	99
-----	-----	-----	-----	-----	-----

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 Dadoda

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

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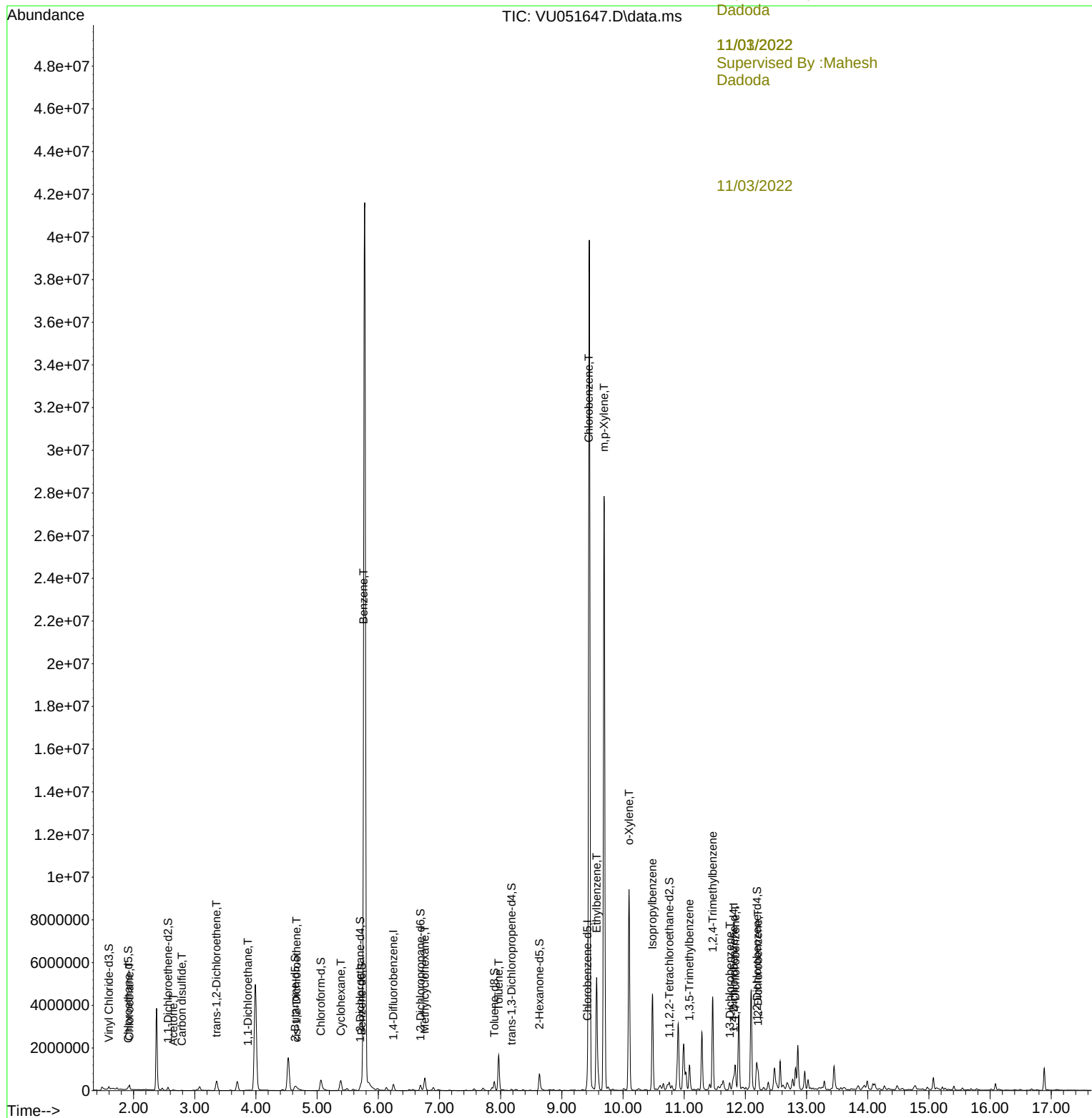
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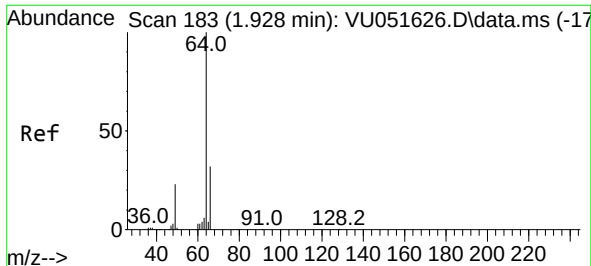
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/03/2022

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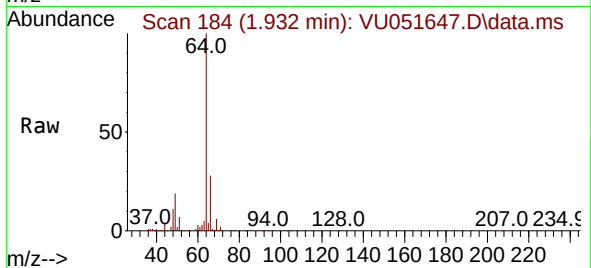
11/03/2022





#8
Chloroethane
Concen: 6.942 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

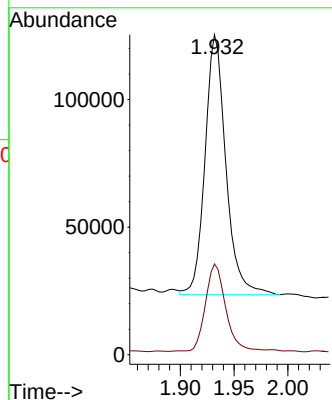
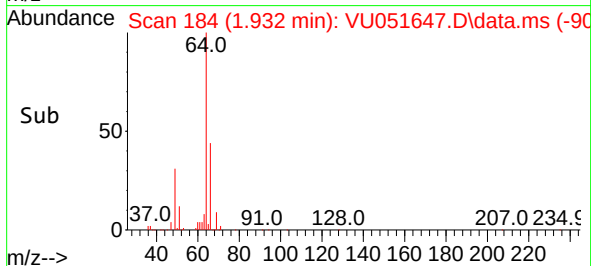
Instrument :
MSVOA_U
ClientSampleId :
BHAA0



Tgt Ion: 64 Resp: 13781
Ion Ratio Lower Upper
64 100
66 28.4 22.3 41.5

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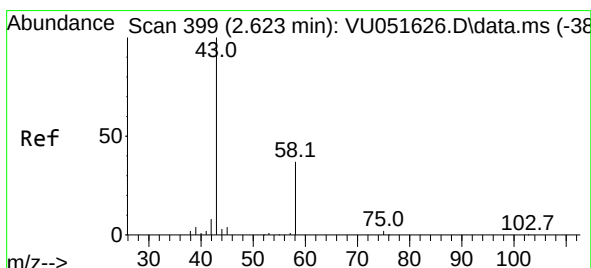
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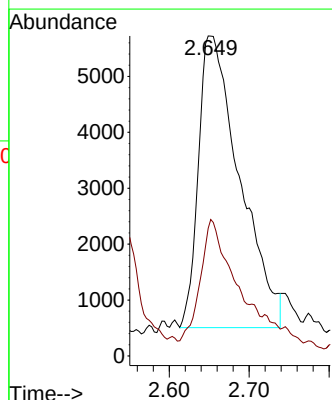
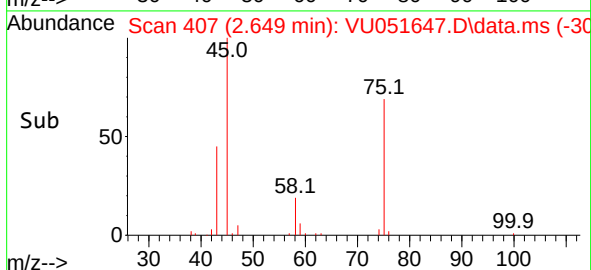
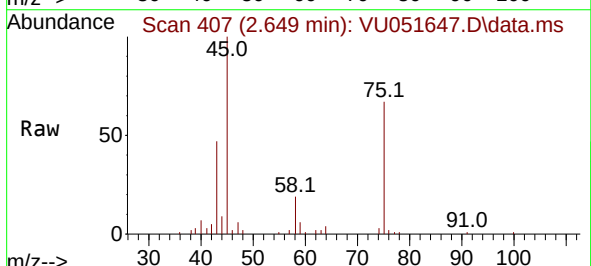
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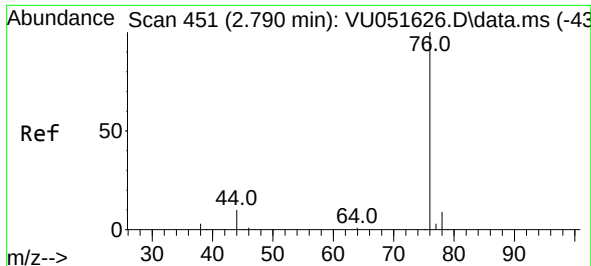
11/03/2022



#13
Acetone
Concen: 5.477 ug/L
RT: 2.649 min Scan# 407
Delta R.T. 0.026 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

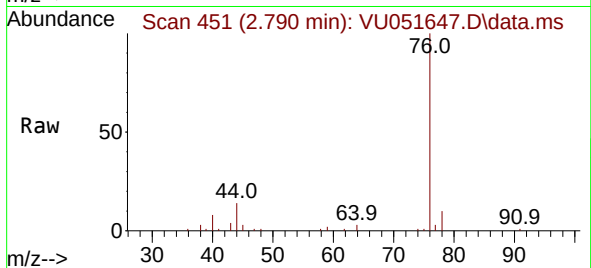
Tgt Ion: 43 Resp: 18764
Ion Ratio Lower Upper
43 100
58 41.2 0.0 73.8





#14
Carbon disulfide
Concen: 0.311 ug/L
RT: 2.790 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Instrument :
MSVOA_U
ClientSampleId :
BHAA0



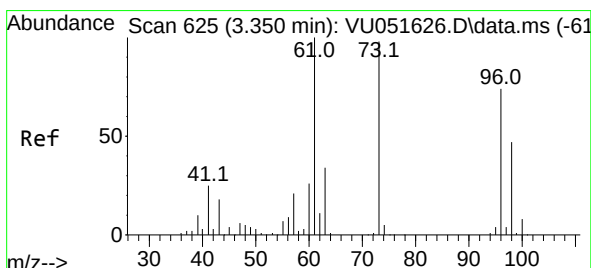
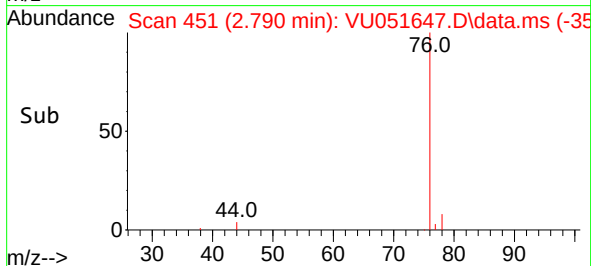
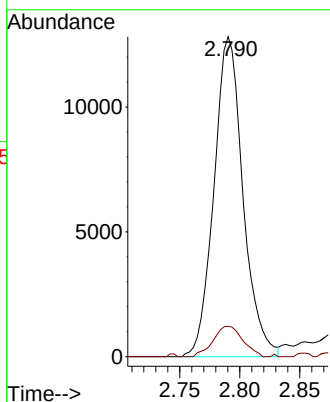
Tgt Ion: 76 Resp: 21564
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

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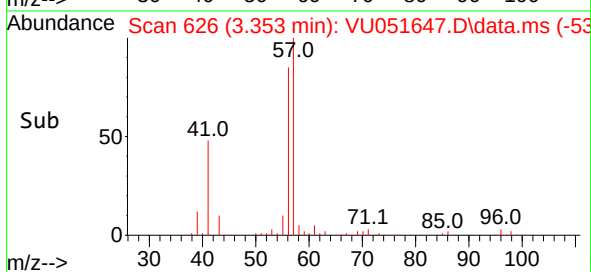
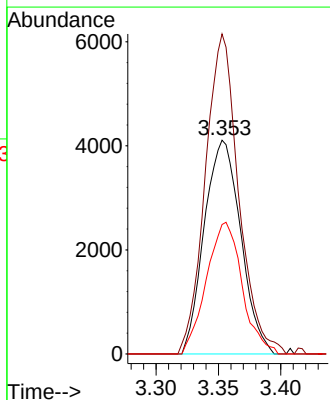
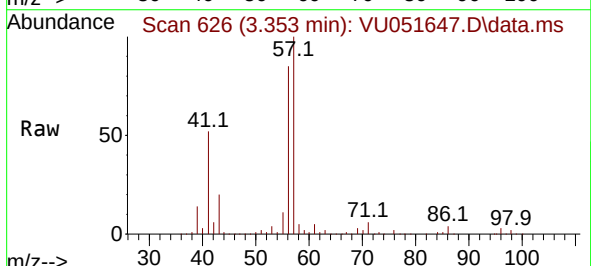
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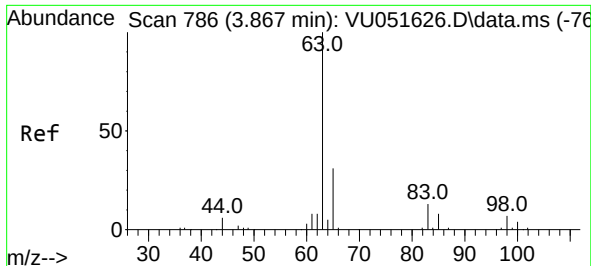
11/03/2022
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#18
trans-1,2-Dichloroethene
Concen: 0.362 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Tgt Ion: 96 Resp: 8352
Ion Ratio Lower Upper
96 100
61 149.7 94.7 175.9
98 60.6 44.2 82.0





#19
1,1-Dichloroethane
Concen: 0.123 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Instrument :
MSVOA_U
ClientSampleId :
BHAA0

Tgt Ion: 63 Resp: 523
Ion Ratio Lower Upper
63 100
65 31.5 22.7 42.1
83 15.9 9.2 17.0

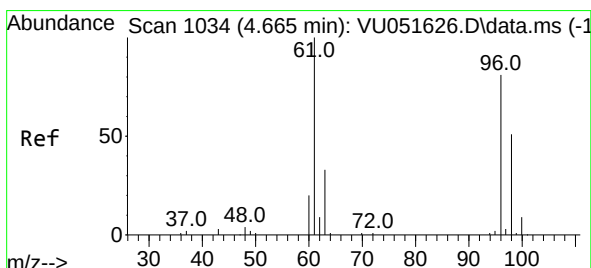
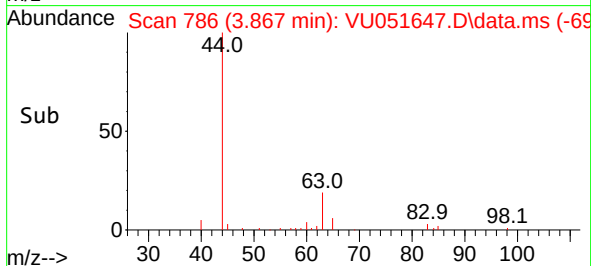
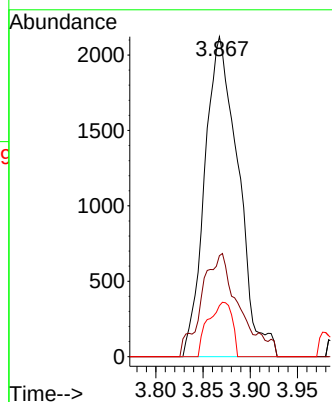
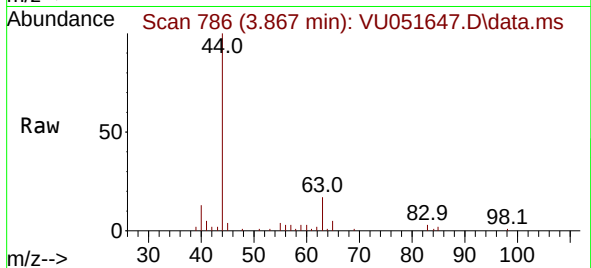
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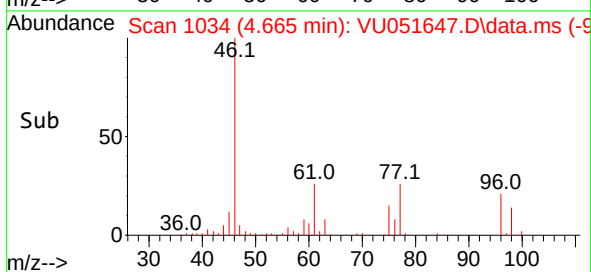
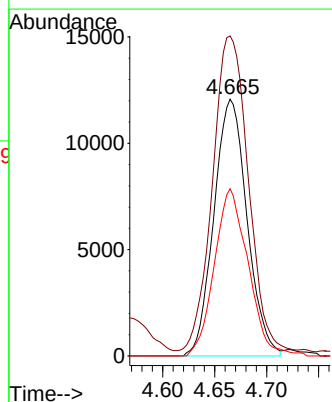
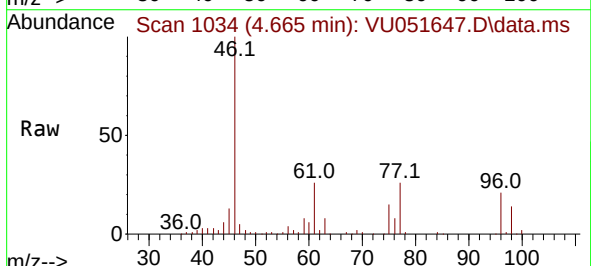
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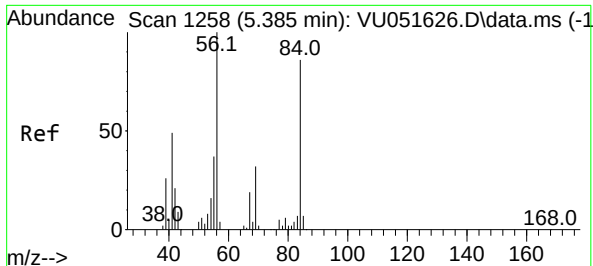
11/03/2022



#22
cis-1,2-Dichloroethene
Concen: 1.047 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Tgt Ion: 96 Resp: 26762
Ion Ratio Lower Upper
96 100
61 124.6 86.4 160.4
98 65.1 44.2 82.2





#30

Cyclohexane

Concen: 8.212 ug/L

RT: 5.385 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU051647.D

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Instrument :

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Tgt Ion: 56 Resp: 25005

Ion	Ratio	Lower	Upper
56	100		
69	31.6	25.4	38.0
84	87.4	71.4	107.0

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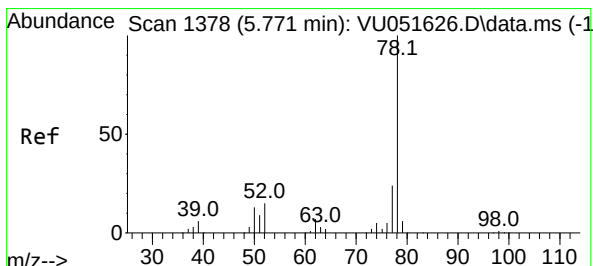
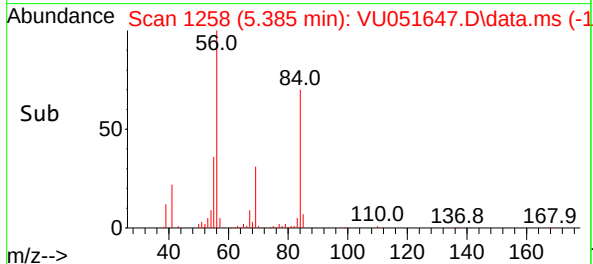
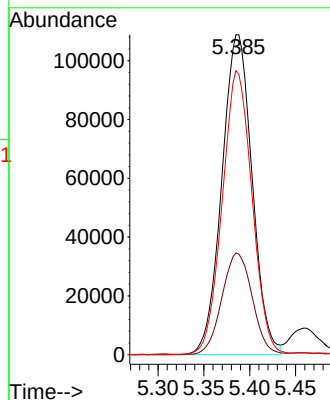
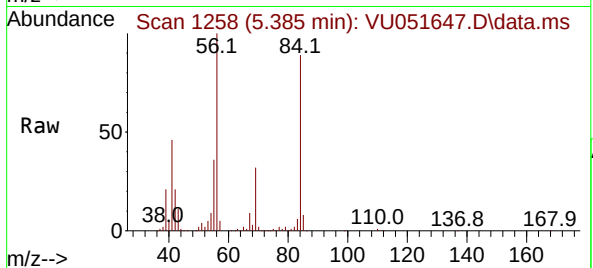
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#33

Benzene

Concen: 278.363 ug/L m

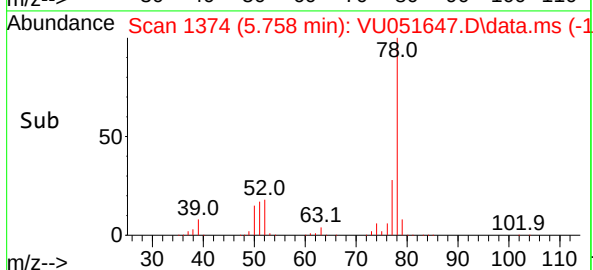
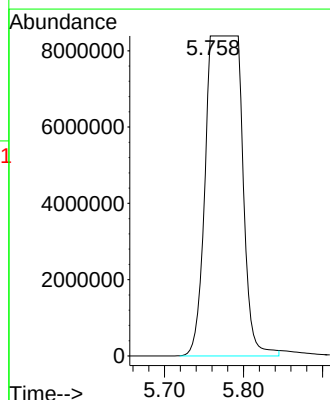
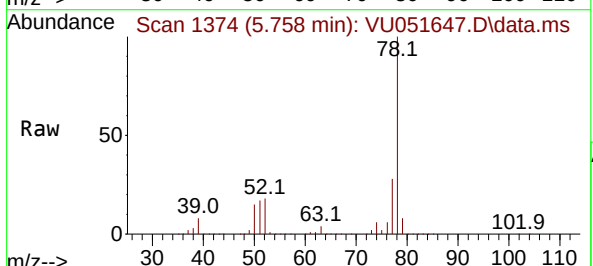
RT: 5.758 min Scan# 1374

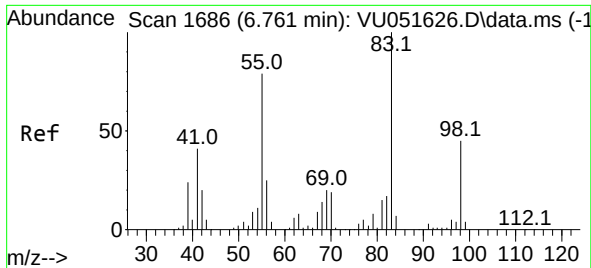
Delta R.T. -0.013 min

Lab File: VU051647.D

Acq: 01 Nov 2022 06:38

Tgt Ion: 78 Resp:26753972





#35

Methylcyclohexane

Concen: 7.725 ug/L

RT: 6.761 min Scan# 1

Delta R.T. 0.000 min

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Tgt Ion: 83 Resp: 24773

Ion Ratio Lower Upper

83 100

55 79.5 60.6 90.8

98 45.5 35.8 53.6

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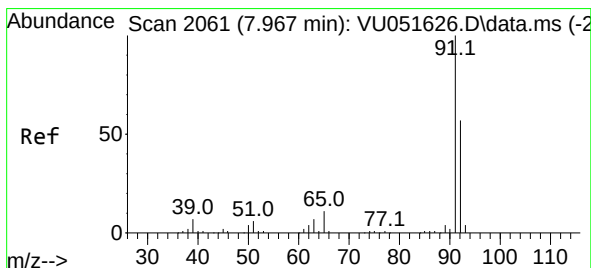
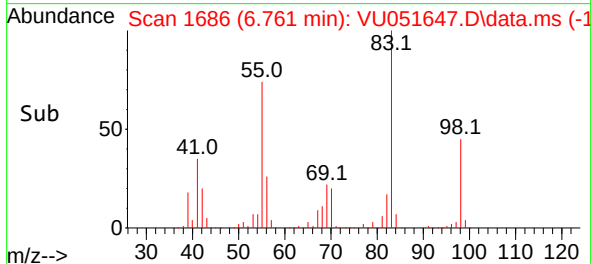
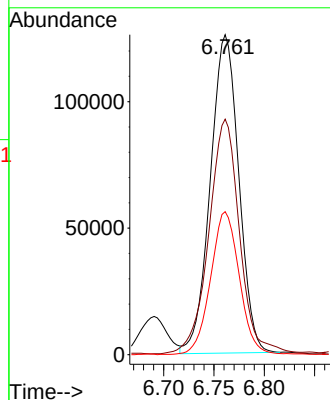
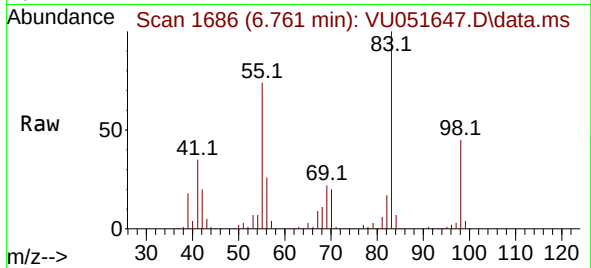
11/01/2022

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11/03/2022



#42

Toluene

Concen: 12.656 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051647.D

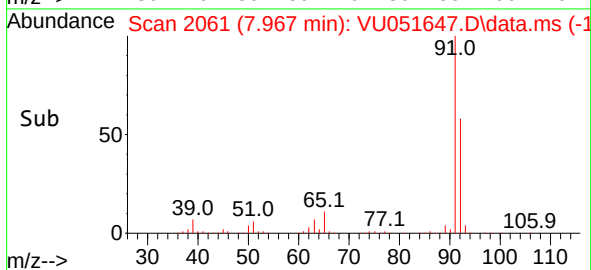
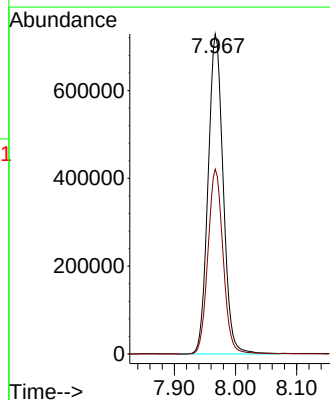
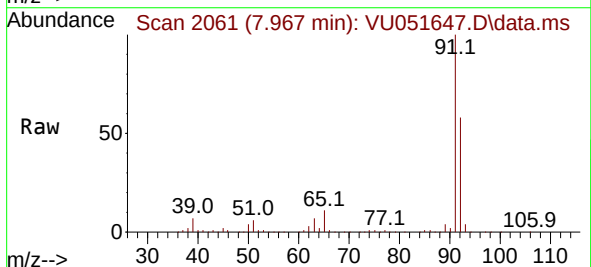
Acq: 01 Nov 2022 06:38

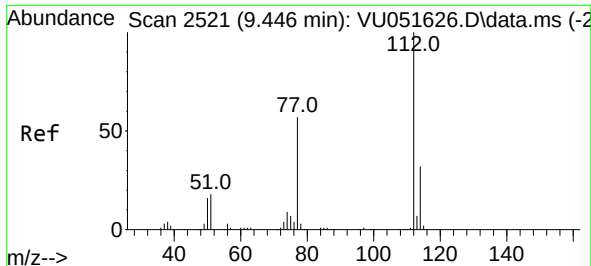
Tgt Ion: 91 Resp: 1249249

Ion Ratio Lower Upper

91 100

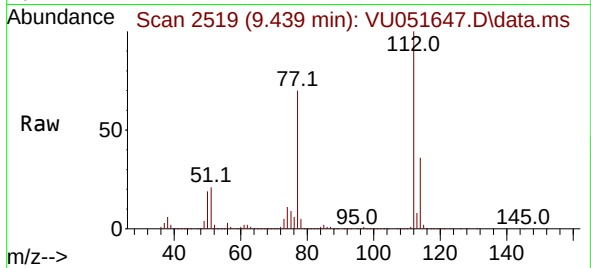
92 57.8 40.5 75.3





#51
Chlorobenzene
Concen: 288.068 ug/L m
RT: 9.439 min Scan# 2519
Delta R.T. -0.006 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Instrument :
MSVOA_U
ClientSampleId :
BHAA0



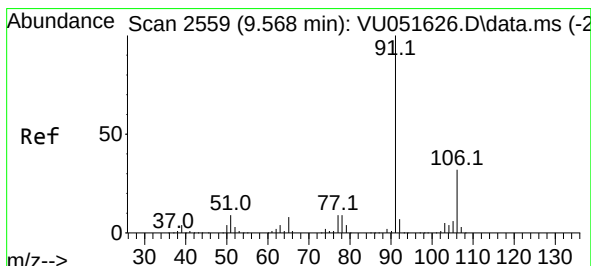
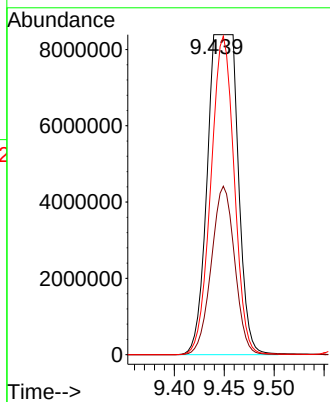
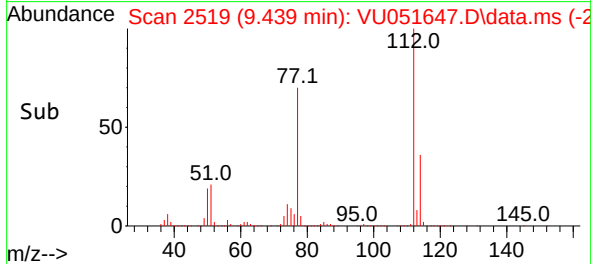
Tgt Ion:112 Resp:1789604
Ion Ratio Lower Upper
112 100
114 35.7 22.0 40.8
77 69.8 46.7 70.1

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Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/03/2022

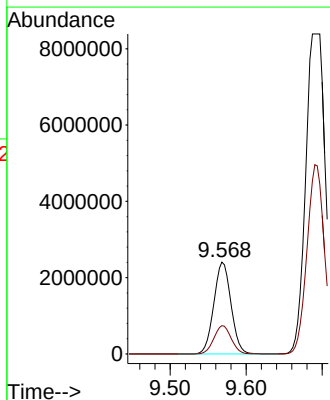
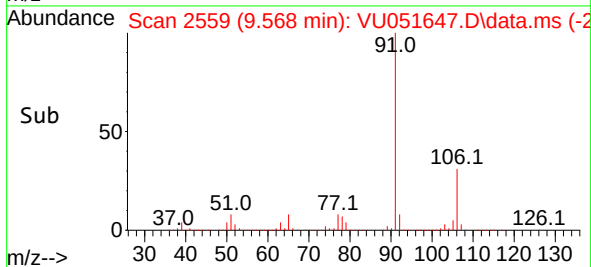
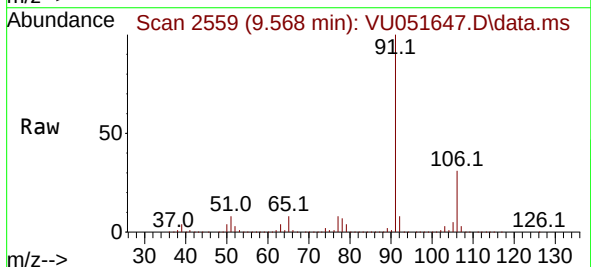
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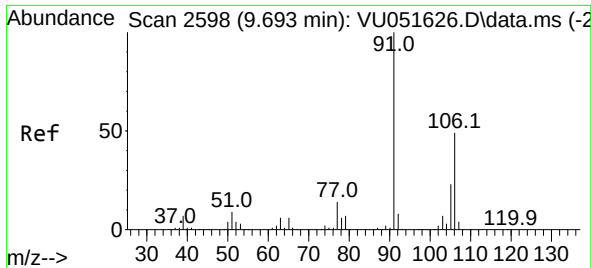
11/03/2022
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Dadoda



#52
Ethylbenzene
Concen: 39.728 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Tgt Ion: 91 Resp: 3783732
Ion Ratio Lower Upper
91 100
106 30.8 21.8 40.6





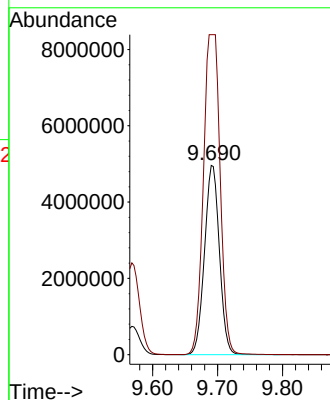
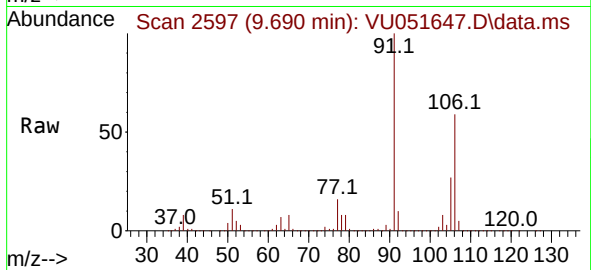
#53
m,p-Xylene
Concen: 213.650 ug/L
RT: 9.690 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Instrument :
MSVOA_U
ClientSampleId :
BHAA0

Tgt Ion:106 Resp: 7903536
Ion Ratio Lower Upper
106 100
91 169.1 139.4 259.0

Manual Integrations
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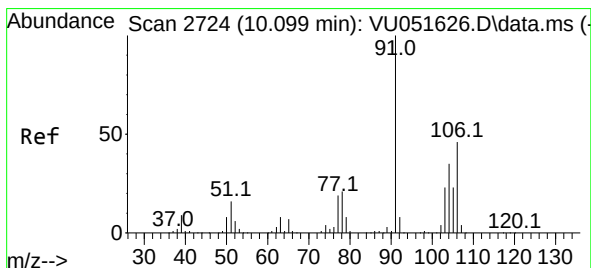
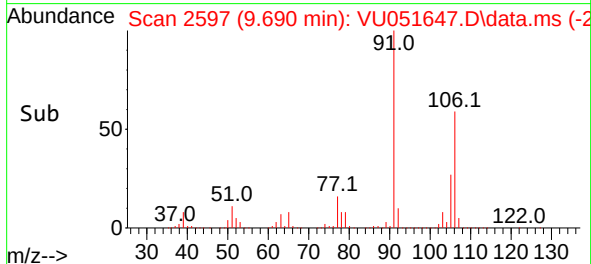
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/03/2022



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Supervised By :Mahesh
Dadoda

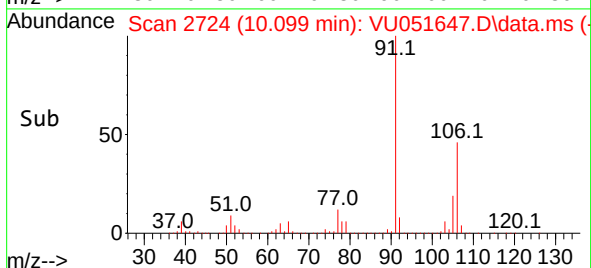
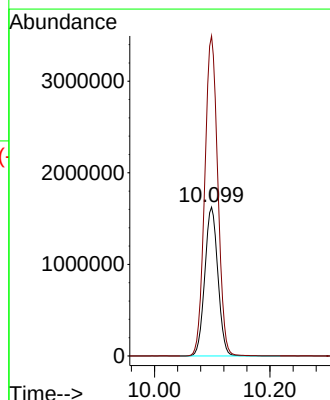
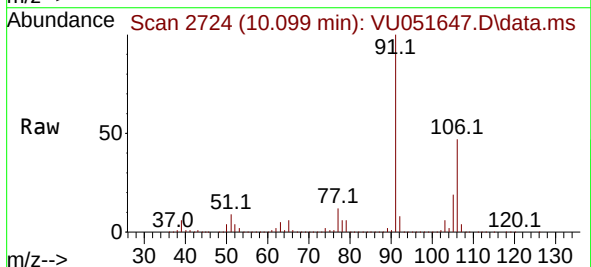
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Dadoda

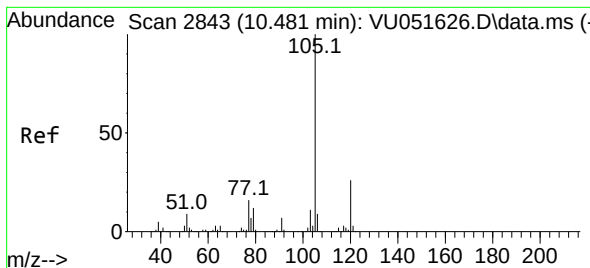
11/03/2022



#54
o-Xylene
Concen: 70.590 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Tgt Ion:106 Resp: 2552054
Ion Ratio Lower Upper
106 100
91 215.0 149.2 277.2





#60

Isopropylbenzene

Concen: 31.175 ug/L

RT: 10.481 min Scan# 2843

Delta R.T. 0.000 min

Lab File: VU051647.D

Acq: 01 Nov 2022 06:38

Instrument :

MSVOA_U

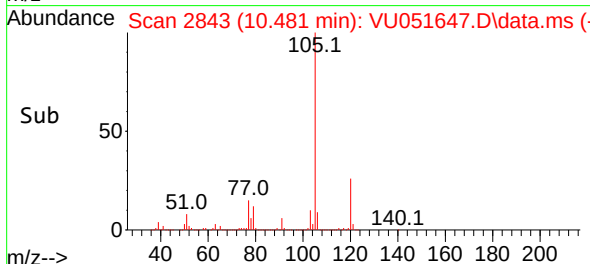
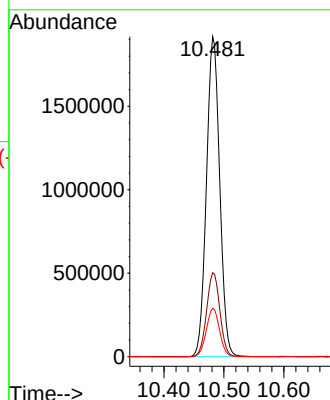
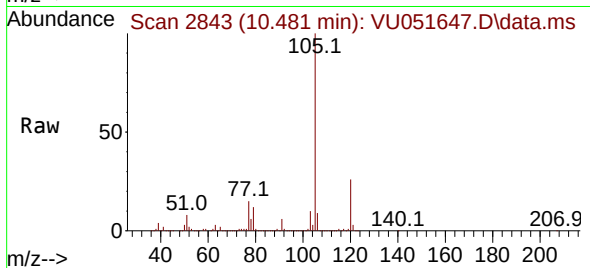
ClientSampleId :

BHAA0

Tgt Ion:105 Resp: 2952305
 Ion Ratio Lower Upper
 105 100
 120 26.3 20.9 31.3
 77 15.1 12.3 18.5

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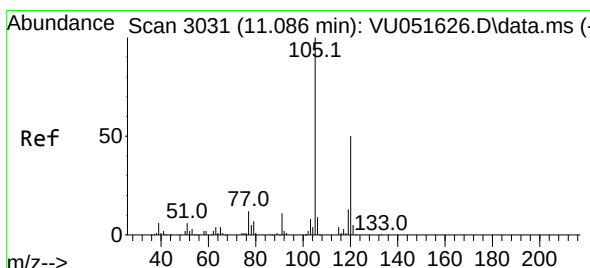
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 Dadoda

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 Dadoda

11/03/2022



#62

1,3,5-Trimethylbenzene

Concen: 22.735 ug/L

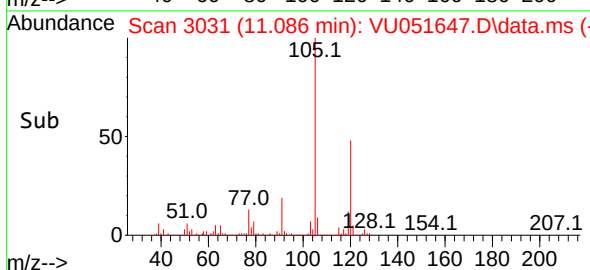
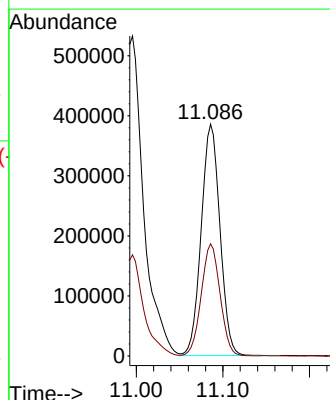
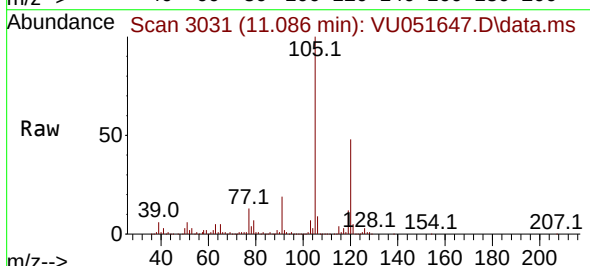
RT: 11.086 min Scan# 3031

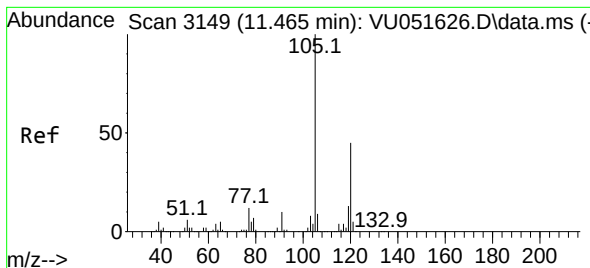
Delta R.T. 0.000 min

Lab File: VU051647.D

Acq: 01 Nov 2022 06:38

Tgt Ion:105 Resp: 579637
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.6 57.8





#63

1,2,4-Trimethylbenzene

Concen: 32.902 ug/L

RT: 11.465 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VU051647.D

Acq: 01 Nov 2022 06:38

Instrument :

MSVOA_U

ClientSampleId :

BHAA0

Tgt Ion:105 Resp: 2418720

Ion Ratio Lower Upper

105 100

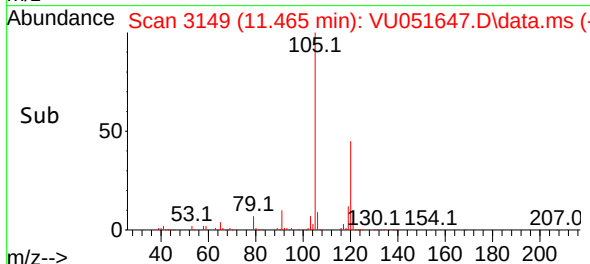
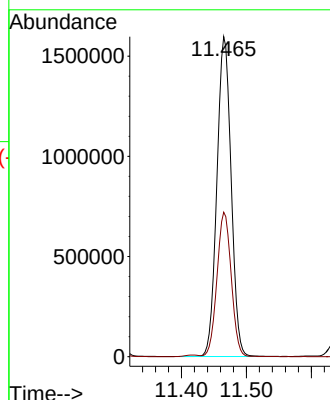
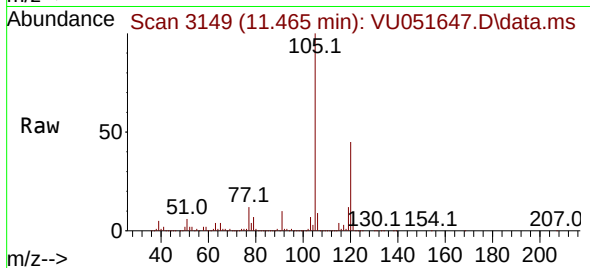
120 45.2 35.8 53.6

Manual Integrations

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Supervised By :Mahesh Dadoda 11/03/2022



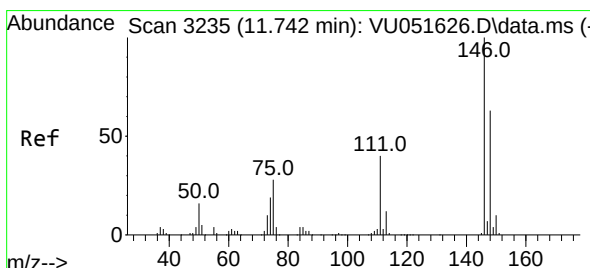
11/01/2022

Supervised By :Mahesh Dadoda

11/03/2022

Supervised By :Mahesh Dadoda

11/03/2022



#64

1,3-Dichlorobenzene

Concen: 2.226 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. 0.003 min

Lab File: VU051647.D

Acq: 01 Nov 2022 06:38

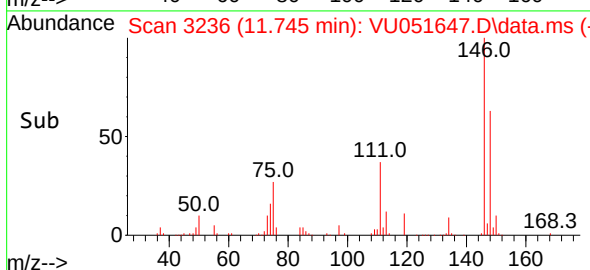
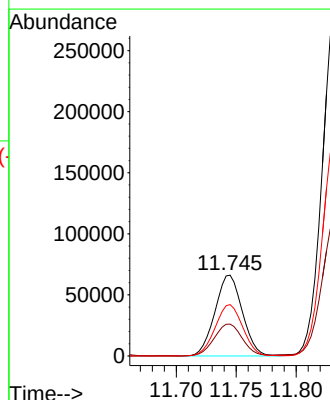
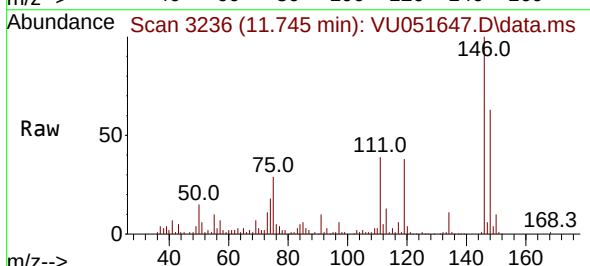
Tgt Ion:146 Resp: 104927

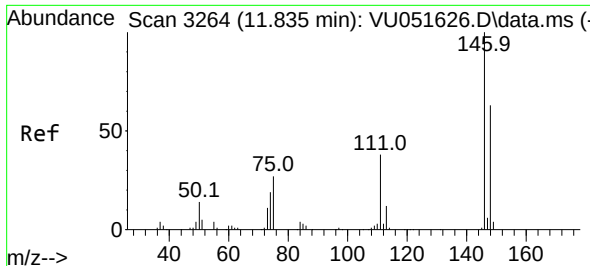
Ion Ratio Lower Upper

146 100

111 39.4 28.6 53.2

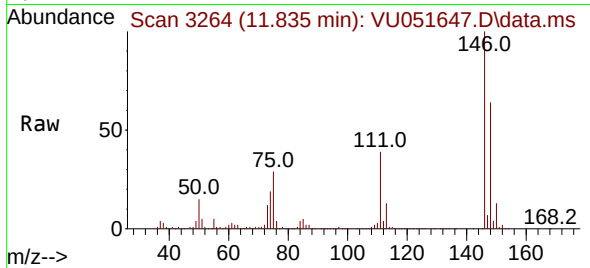
148 63.4 44.7 82.9





#65
1,4-Dichlorobenzene
Concen: 9.862 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38

Instrument :
MSVOA_U
ClientSampleId :
BHAA0



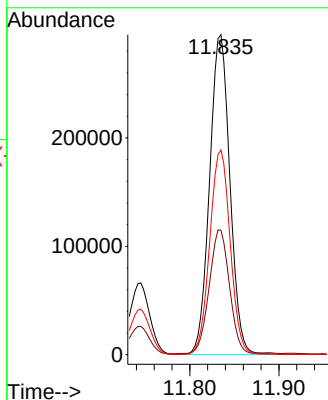
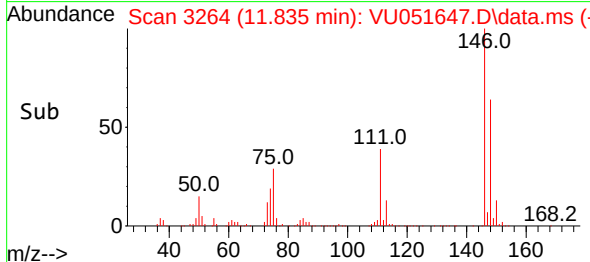
Tgt Ion:146 Resp: 46621
Ion Ratio Lower Upper
146 100
111 38.9 26.7 49.5
148 64.0 43.5 80.9

Manual Integrations
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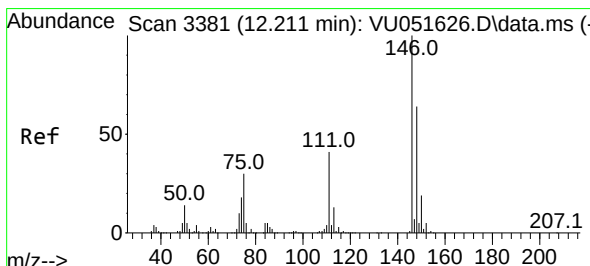
Reviewed By :Krupa Patel 11/01/2022
Supervised By :Mahesh Dadoda 11/03/2022

11/01/2022
Supervised By :Mahesh
Dadoda

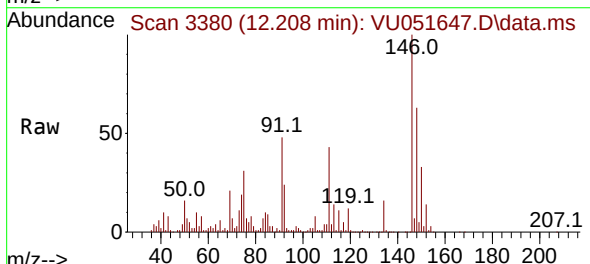
11/03/2022
Supervised By :Mahesh
Dadoda



11/03/2022



#67
1,2-Dichlorobenzene
Concen: 4.674 ug/L
RT: 12.208 min Scan# 3380
Delta R.T. -0.003 min
Lab File: VU051647.D
Acq: 01 Nov 2022 06:38



Tgt Ion:146 Resp: 214643
Ion Ratio Lower Upper
146 100
111 42.7 34.2 51.2
148 63.5 50.1 75.1

