

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054704.D
 Acq On : 29 Jun 2023 18:50
 Operator : MD/SY
 Sample : 03477-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA42MS

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

Quant Time: Jun 30 05:20:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	301722	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	295163	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	152914	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	88874	4.628	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.910	69	80420	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.560	65	38788	4.523	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.634	46	302964	56.117	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.240%
24) Chloroform-d	5.058	84	188546	4.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.698	65	89478	4.573	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.724	84	335014	4.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.688	67	115591	4.218	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.894	98	300976	4.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.600%
43) trans-1,3-Dichloroprop...	8.177	79	43688	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.630	63	224009	56.035	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.080%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99648	4.877	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	111754	4.333	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	101963	3.617	ug/L	100
3) Chloromethane	1.521	50	131850	4.071	ug/L	99
5) Vinyl chloride	1.602	62	145541	4.378	ug/L	100
6) Bromomethane	1.856	94	76019	4.160	ug/L	98
8) Chloroethane	1.933	64	91971	4.616	ug/L	99
9) Trichlorofluoromethane	2.136	101	187832	4.596	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	114175	4.776	ug/L	95
12) 1,1-Dichloroethene	2.573	96	3207162	146.552	ug/L #	85
13) Acetone	2.653	43	273837	53.795	ug/L	100
14) Carbon disulfide	2.788	76	238324	3.672	ug/L	99
15) Methyl Acetate	2.955	43	56871	6.029	ug/L	95
16) Methylene chloride	3.039	84	125253	4.070	ug/L	93
17) Methyl tert-butyl Ether	3.361	73	282862	5.237	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	101006	4.470	ug/L	96
19) 1,1-Dichloroethane	3.862	63	313378	6.702	ug/L	99
21) 2-Butanone	4.714	43	402521	60.930	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	227639	8.847	ug/L	98
23) Bromochloromethane	4.968	128	52771	4.929	ug/L	92
25) Chloroform	5.081	83	452217	9.810	ug/L	96

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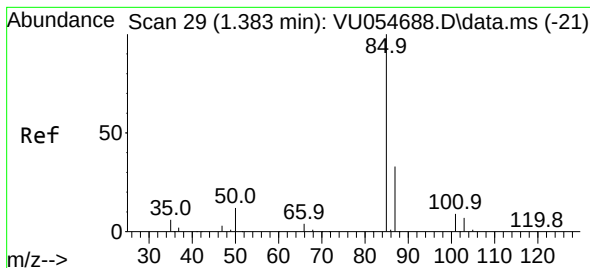
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	146982	5.439	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	606082	15.143	ug/L	98
30) Cyclohexane	5.383	56	173155	3.972	ug/L	99
31) Carbon tetrachloride	5.521	117	291533	8.453	ug/L	100
33) Benzene	5.769	78	540697	5.097	ug/L	100
34) Trichloroethene	6.541	95	10805921	385.222	ug/L	94
35) Methylcyclohexane	6.759	83	169881	4.007	ug/L	99
37) 1,2-Dichloropropane	6.788	63	141864	4.946	ug/L	98
38) Bromodichloromethane	7.100	83	174230	5.366	ug/L	100
39) cis-1,3-Dichloropropene	7.605	75	192787	4.923	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	913919	59.709	ug/L	98
42) Toluene	7.965	91	515280	4.717	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	163024	5.130	ug/L	96
45) 1,1,2-Trichloroethane	8.399	97	106576	5.841	ug/L	99
47) Tetrachloroethene	8.550	164	29428367m	1370.524	ug/L	
48) 2-Hexanone	8.682	43	681139	59.724	ug/L	99
49) Dibromochloromethane	8.807	129	111916m	5.841	ug/L	
50) 1,2-Dibromoethane	8.920	107	87805	5.242	ug/L	98
51) Chlorobenzene	9.444	112	321202	4.717	ug/L	99
52) Ethylbenzene	9.566	91	548702	4.599	ug/L	100
53) m,p-Xylene	9.692	106	204914	4.675	ug/L	98
54) o-Xylene	10.097	106	196471	4.635	ug/L	97
55) Styrene	10.110	104	349564	4.914	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.778	83	129217	5.575	ug/L	99
59) Bromoform	10.286	173	66064	6.018	ug/L	100
60) Isopropylbenzene	10.479	105	535815	4.790	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	87225	5.644	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	422352	4.628	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	433594	4.678	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	273443	5.230	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	275588	5.252	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	262780	5.464	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.990	75	21605	6.362	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	179752	4.556	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	152332	4.669	ug/L	98
71) Naphthalene	14.084	128	256722	4.840	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	140103	4.999	ug/L	99

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

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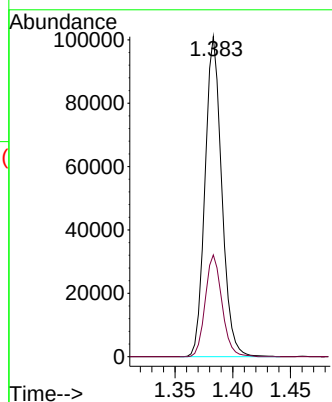
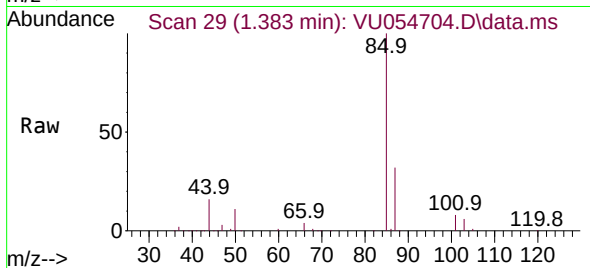
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Dichlorodifluoromethane
Concen: 3.617 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument : MSVOA_U
Client SampleId : HOA42MS

Tgt Ion: 85 Resp: 10196
Ion Ratio Lower Upper
85 100
87 31.7 25.4 38.2

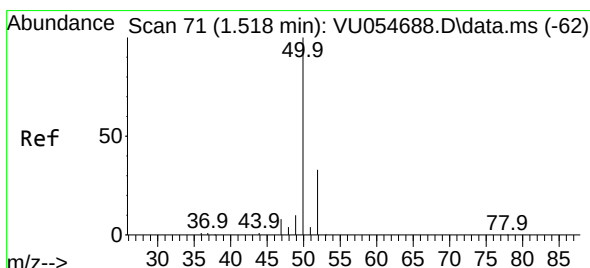
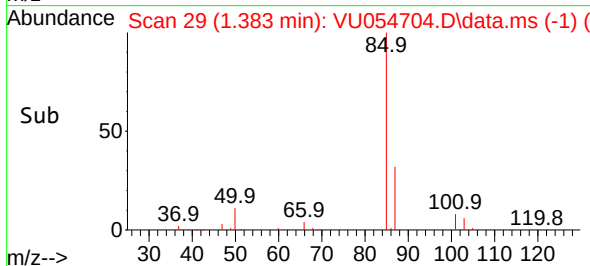
Manual Integrations
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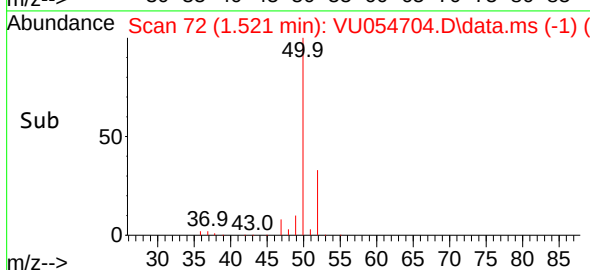
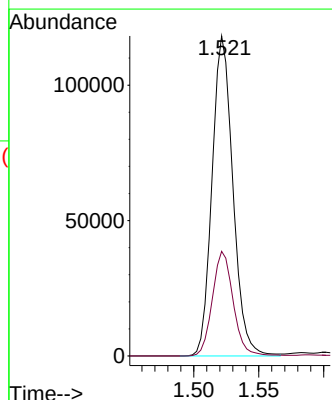
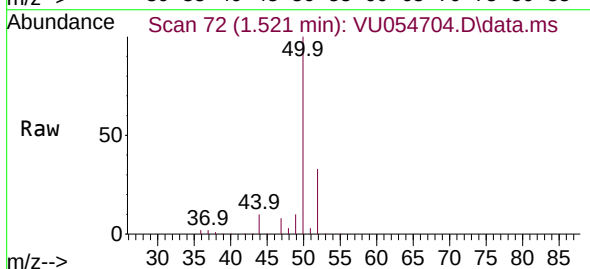
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Dadoda

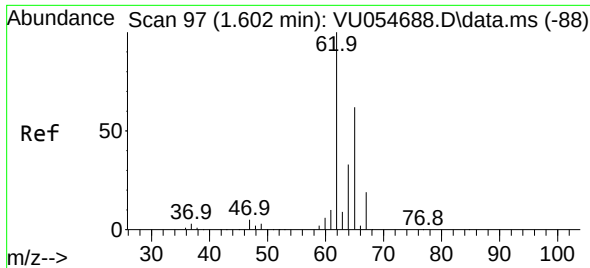
06/30/2023



#3
Chloromethane
Concen: 4.071 ug/L
RT: 1.521 min Scan# 72
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

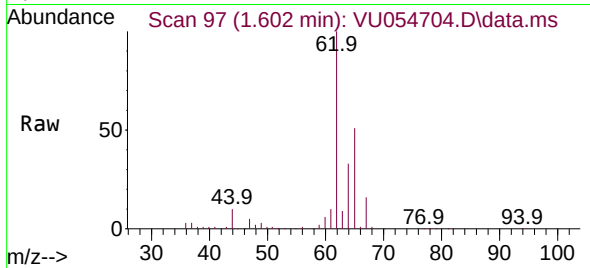
Tgt Ion: 50 Resp: 131850
Ion Ratio Lower Upper
50 100
52 32.7 23.4 43.4





#5
 Vinyl chloride
 Concen: 4.378 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054704.D
 Acq: 29 Jun 2023 18:50

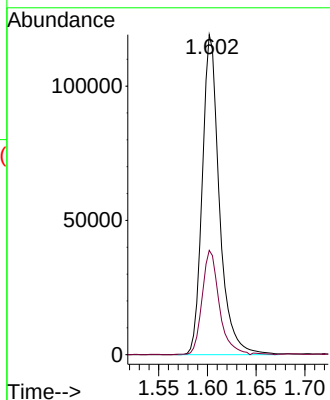
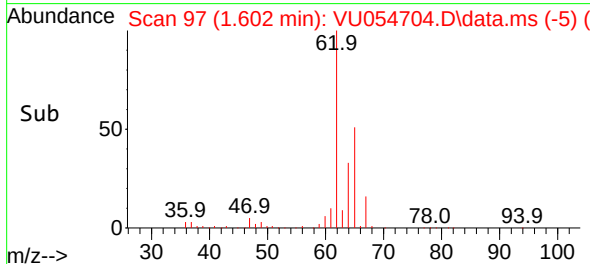
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Tgt Ion: 62 Resp: 14554
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.0 42.6

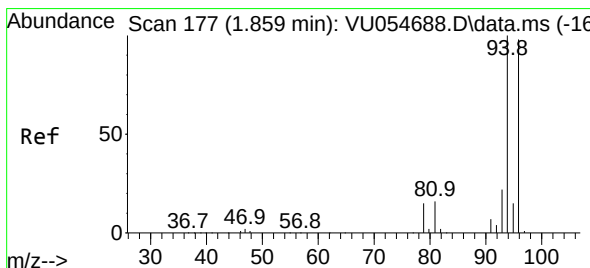
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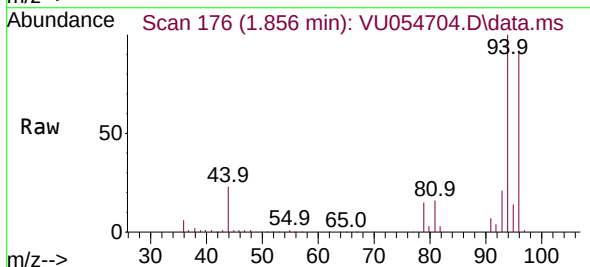


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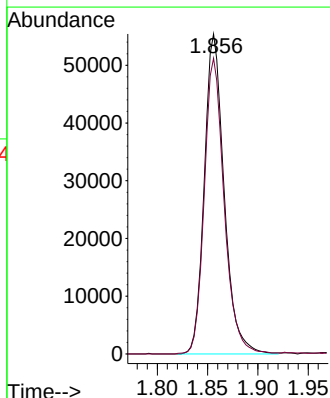
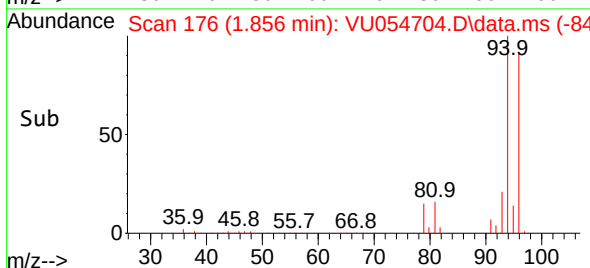
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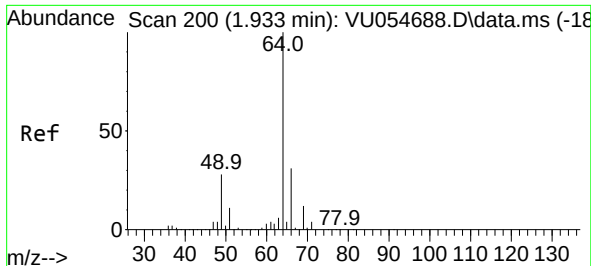


#6
 Bromomethane
 Concen: 4.160 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU054704.D
 Acq: 29 Jun 2023 18:50



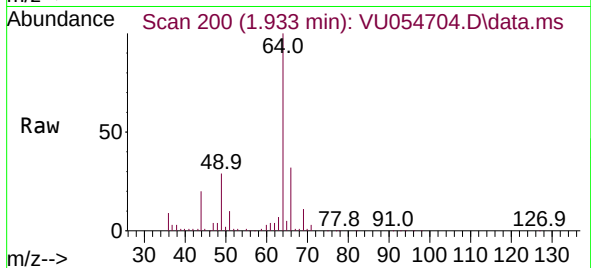
Tgt Ion: 94 Resp: 76019
 Ion Ratio Lower Upper
 94 100
 96 92.4 63.6 118.2





#8
Chloroethane
Concen: 4.616 ug/L
RT: 1.933 min Scan# 200
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

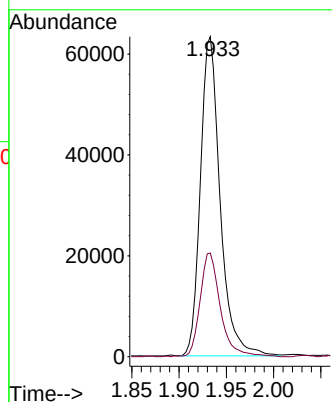
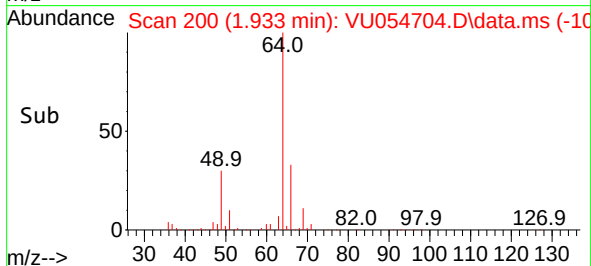
Instrument :
MSVOA_U
ClientSampleId :
HOA42MS



Tgt Ion: 64 Resp: 9197
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5

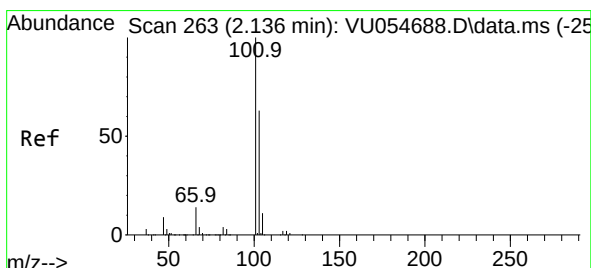
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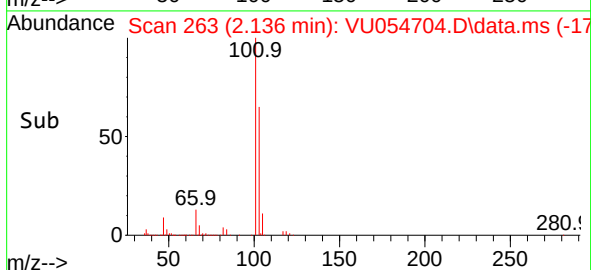
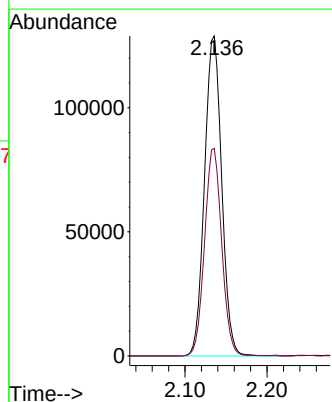
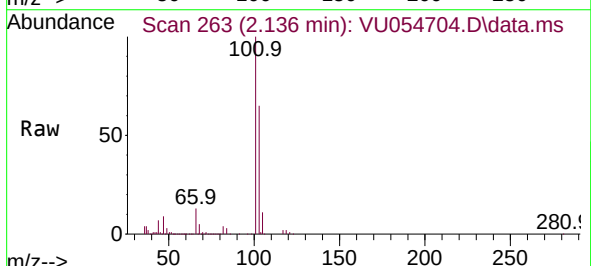
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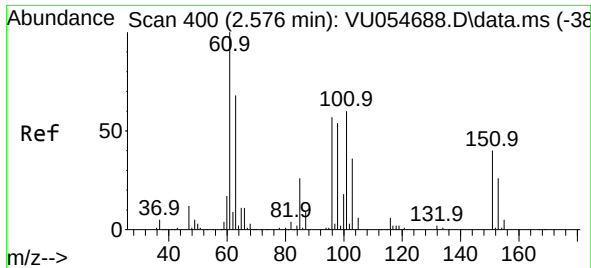
06/30/2023



#9
Trichlorofluoromethane
Concen: 4.596 ug/L
RT: 2.136 min Scan# 263
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion:101 Resp: 187832
Ion Ratio Lower Upper
101 100
103 64.7 50.6 75.8





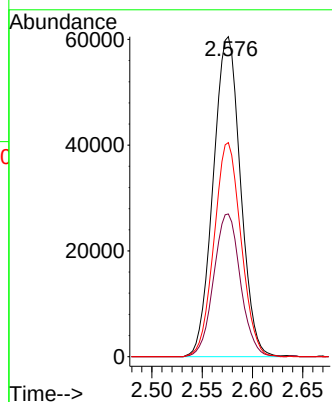
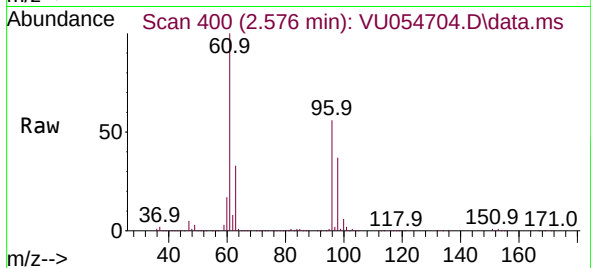
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.776 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument :
MSVOA_U
ClientSampleId :
HOA42MS

Tgt Ion:101 Resp: 11417
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 66.2 57.7 86.5

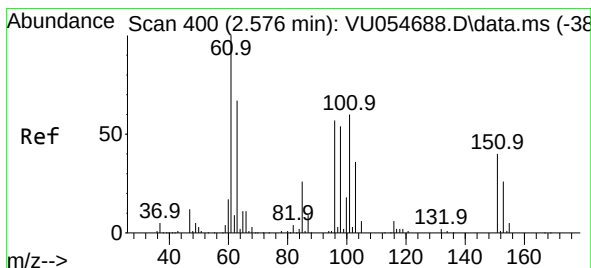
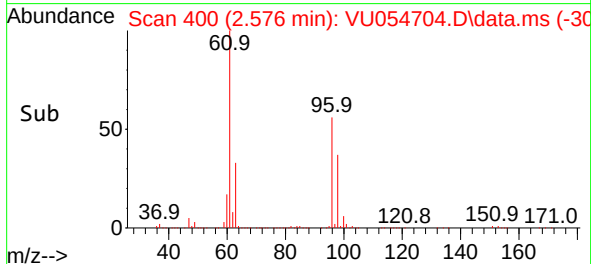
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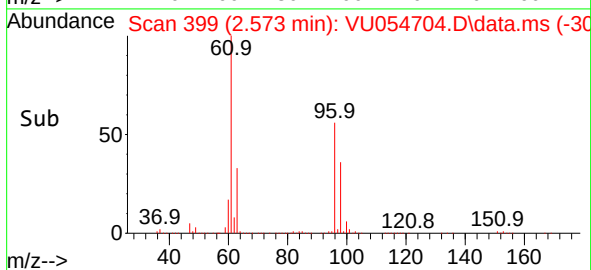
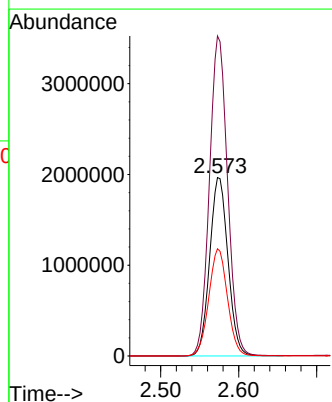
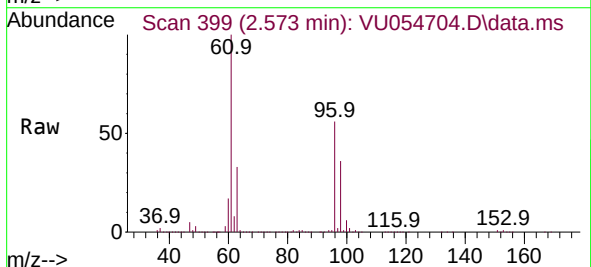
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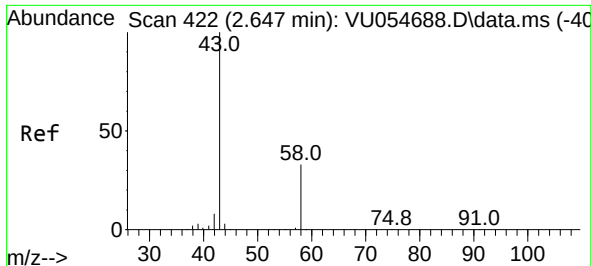
06/30/2023



#12
1,1-Dichloroethene
Concen: 146.552 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.007 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 96 Resp: 3207162
Ion Ratio Lower Upper
96 100
61 179.3 119.9 222.7
63 60.0 64.3 119.3#





#13

Acetone

Concen: 53.795 ug/L

RT: 2.653 min Scan# 41

Delta R.T. 0.013 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

HOA42MS

Tgt Ion: 43 Resp: 27383

Ion Ratio Lower Upper

43 100

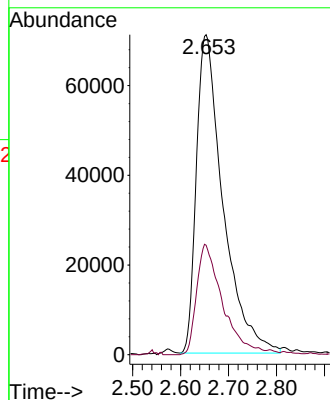
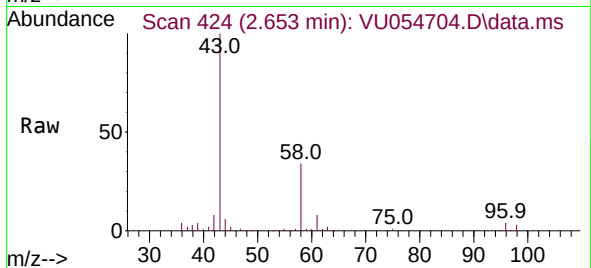
58 33.6 0.0 67.2

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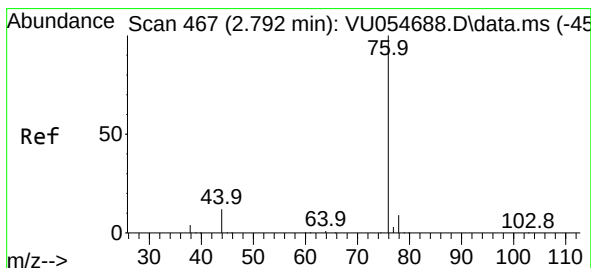
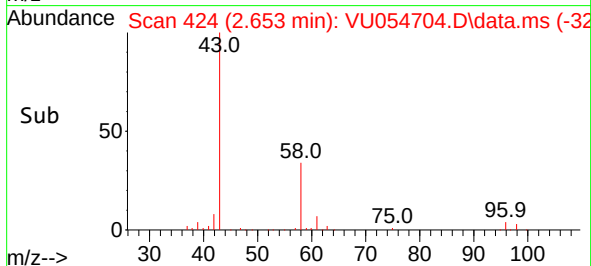
Supervised By :Mahesh Dadoda 06/30/2023



06/30/2023

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Dadoda

06/30/2023



#14

Carbon disulfide

Concen: 3.672 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU054704.D

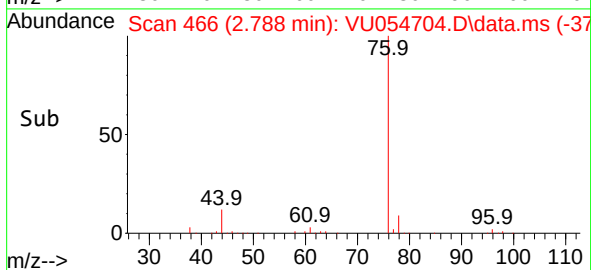
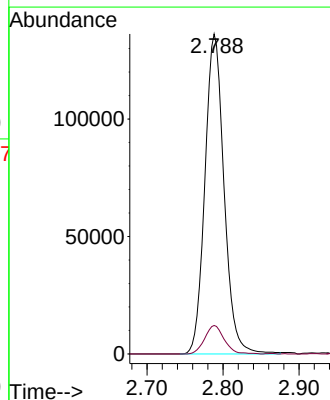
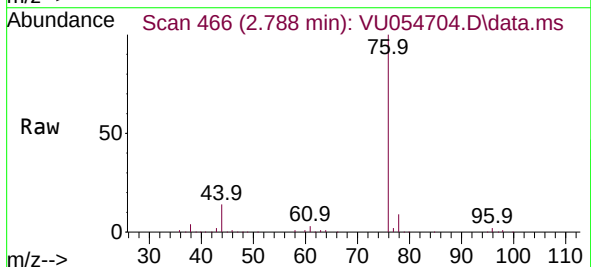
Acq: 29 Jun 2023 18:50

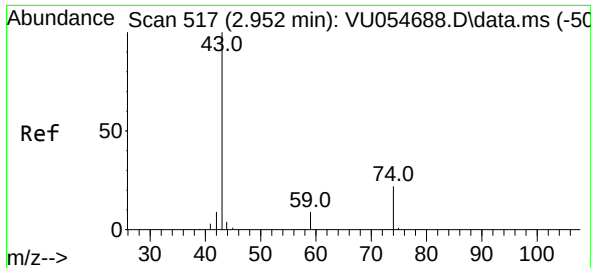
Tgt Ion: 76 Resp: 238324

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.0





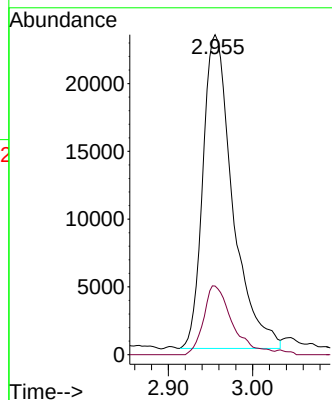
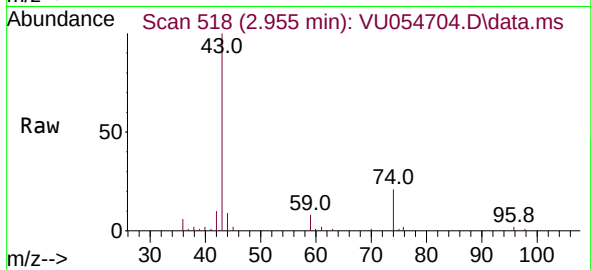
#15
Methyl Acetate
Concen: 6.029 ug/L
RT: 2.955 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument :
MSVOA_U
ClientSampleId :
HOA42MS

Tgt Ion: 43 Resp: 5687
Ion Ratio Lower Upper
43 100
74 21.3 19.0 28.6

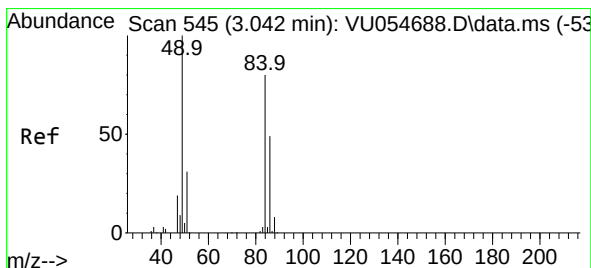
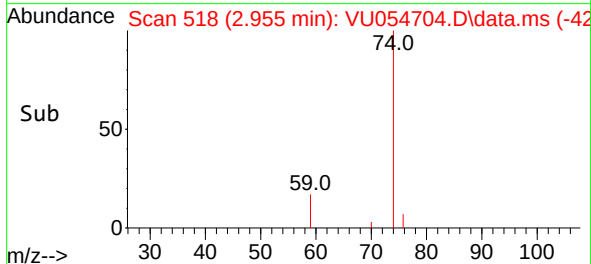
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



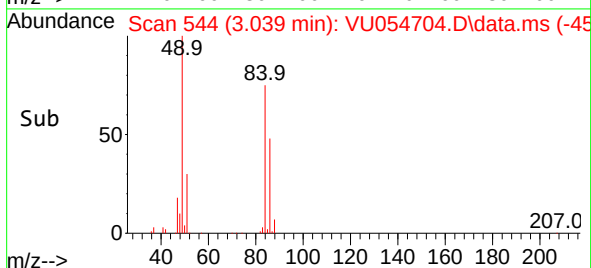
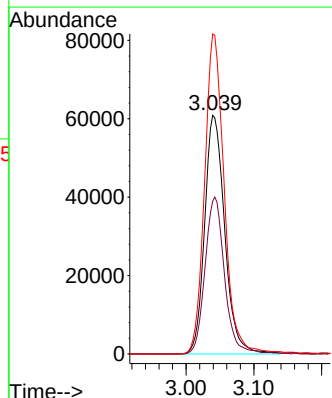
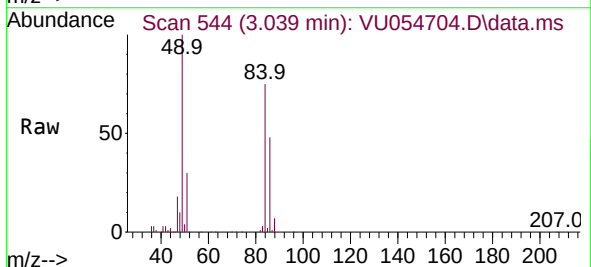
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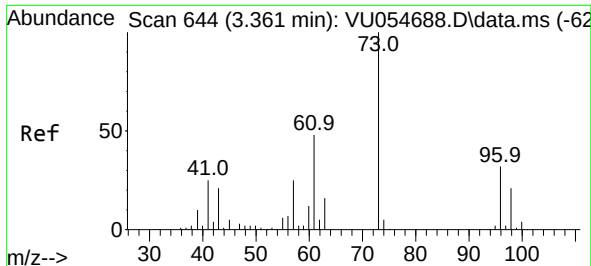
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#16
Methylene chloride
Concen: 4.070 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

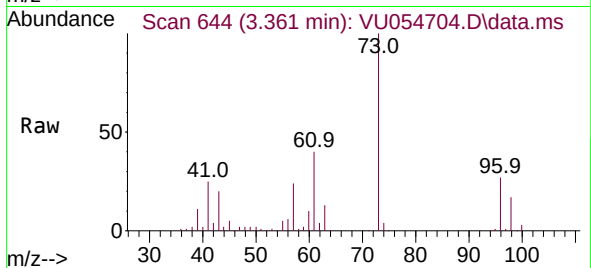
Tgt Ion: 84 Resp: 125253
Ion Ratio Lower Upper
84 100
86 64.0 43.9 81.5
49 134.1 86.1 159.9





#17
Methyl tert-butyl Ether
Concen: 5.237 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

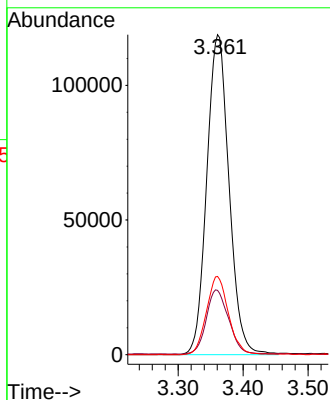
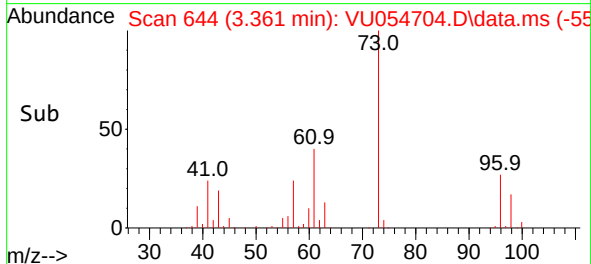
Instrument :
MSVOA_U
ClientSampleId :
HOA42MS



Tgt Ion: 73 Resp: 282862
Ion Ratio Lower Upper
73 100
43 20.0 15.7 23.5
57 24.2 18.6 28.0

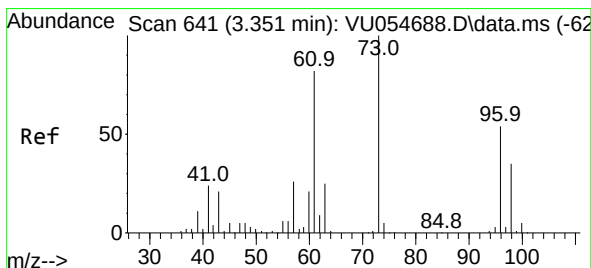
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Supervised By :Mahesh Dadoda 06/30/2023

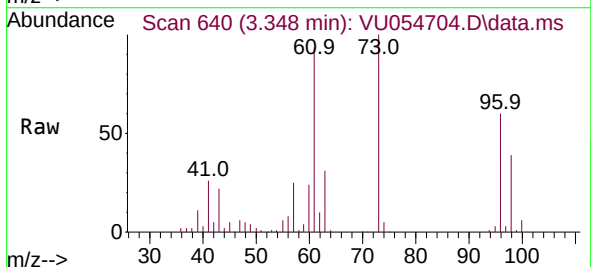


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Dadoda

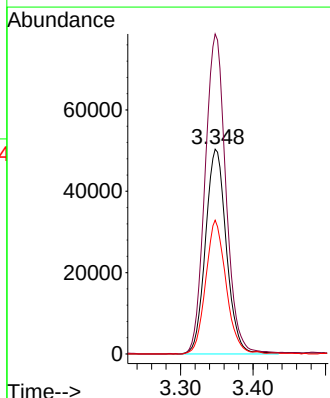
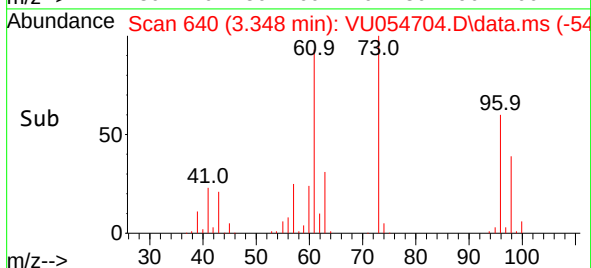
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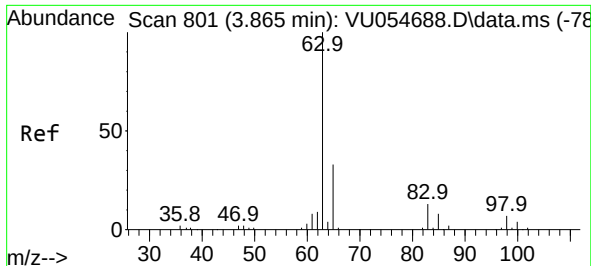


#18
trans-1,2-Dichloroethene
Concen: 4.470 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50



Tgt Ion: 96 Resp: 101006
Ion Ratio Lower Upper
96 100
61 156.2 104.6 194.2
98 65.3 45.4 84.4





#19

1,1-Dichloroethane

Concen: 6.702 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

HOA42MS

Tgt Ion: 63 Resp: 313378

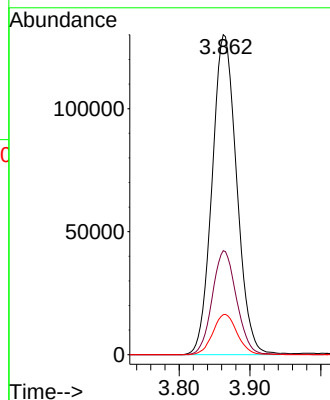
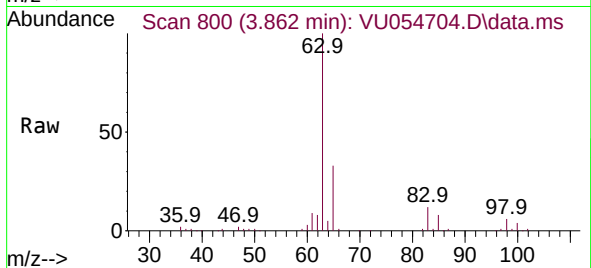
Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.2	41.2
83	12.5	9.0	16.6

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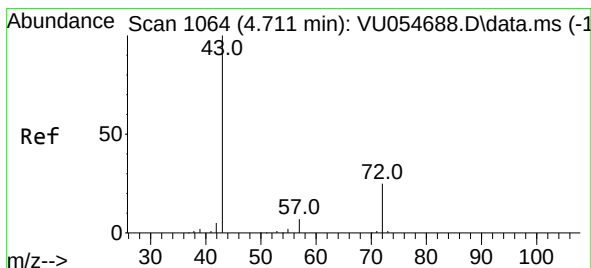
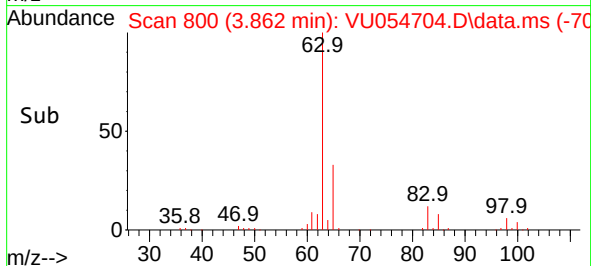
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Dadoda

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#21

2-Butanone

Concen: 60.930 ug/L

RT: 4.714 min Scan# 1065

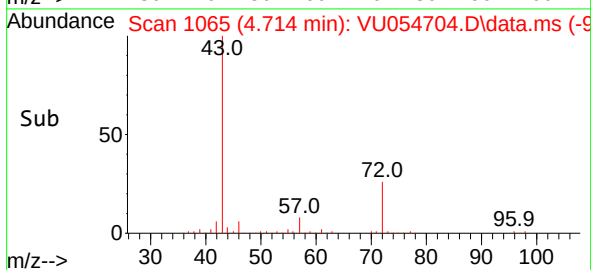
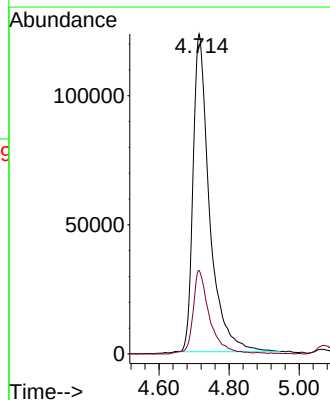
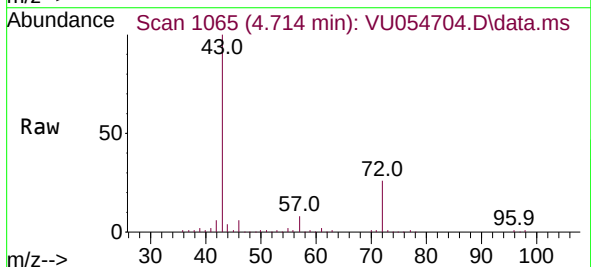
Delta R.T. 0.010 min

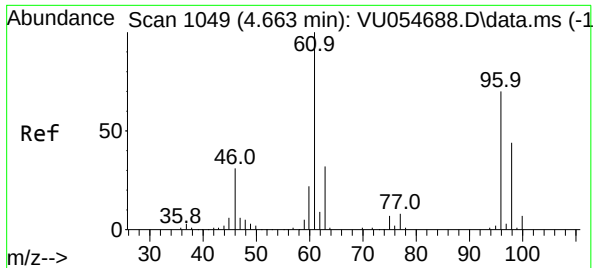
Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

Tgt Ion: 43 Resp: 402521

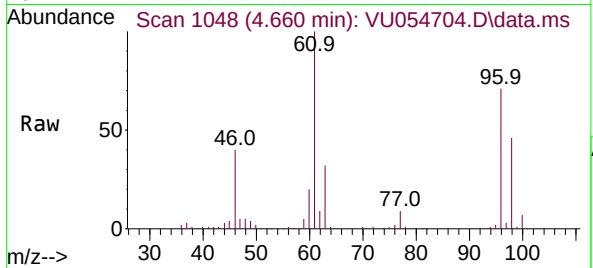
Ion	Ratio	Lower	Upper
43	100		
72	26.1	13.4	40.1





#22
 cis-1,2-Dichloroethene
 Concen: 8.847 ug/L
 RT: 4.660 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU054704.D
 Acq: 29 Jun 2023 18:50

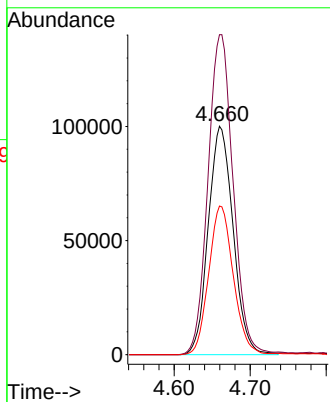
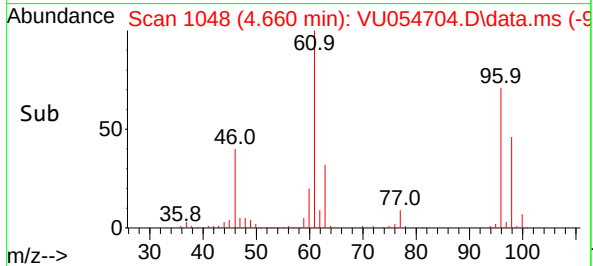
Instrument : MSVOA_U
 ClientSampleId : HOA42MS



Tgt Ion: 96 Resp: 227639
 Ion Ratio Lower Upper
 96 100
 61 140.0 96.5 179.1
 98 65.0 44.9 83.3

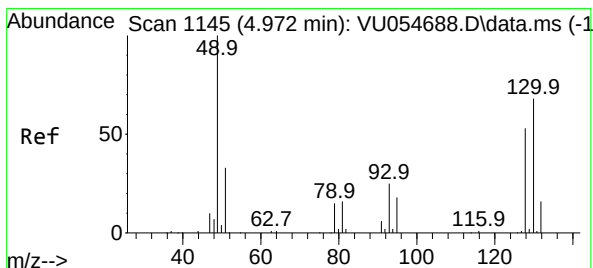
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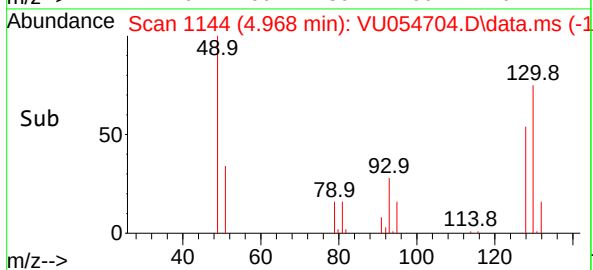
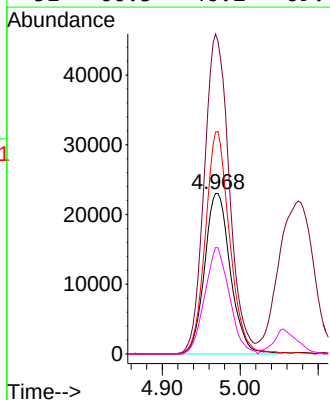
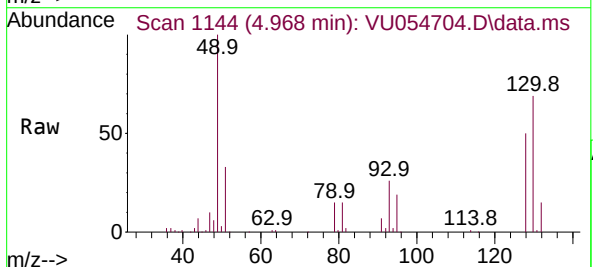
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 Dadoda

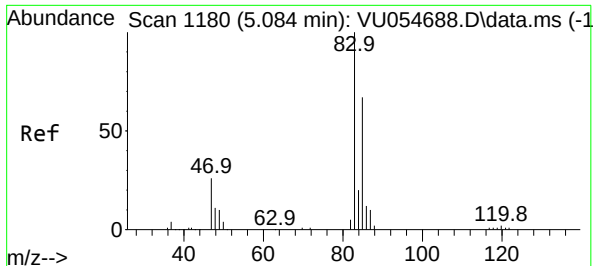
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#23
 Bromochloromethane
 Concen: 4.929 ug/L
 RT: 4.968 min Scan# 1144
 Delta R.T. -0.000 min
 Lab File: VU054704.D
 Acq: 29 Jun 2023 18:50

Tgt Ion:128 Resp: 52771
 Ion Ratio Lower Upper
 128 100
 49 199.3 132.1 245.3
 130 138.3 91.5 169.9
 51 66.3 46.2 69.4





#25

Chloroform

Concen: 9.810 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

HOA42MS

Tgt Ion: 83 Resp: 45221

Ion Ratio Lower Upper

83 100

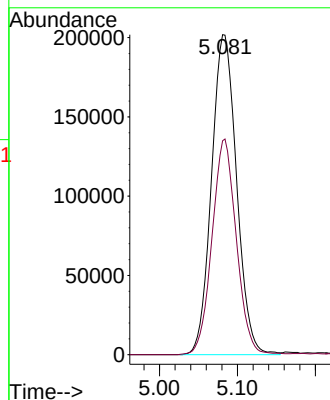
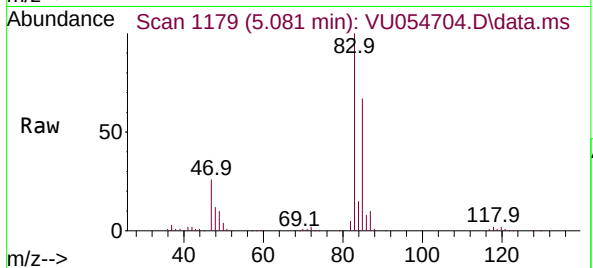
85 66.9 44.7 82.9

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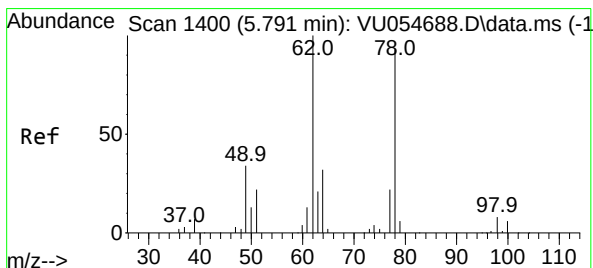
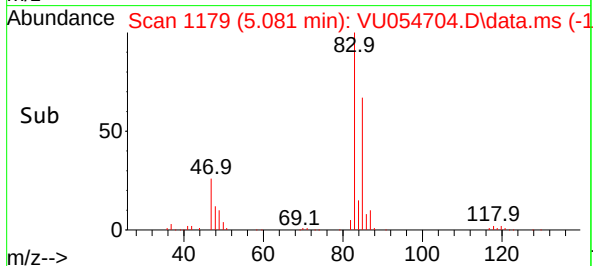
Supervised By :Mahesh Dadoda 06/30/2023



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Supervised By :Mahesh
Dadoda

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#27

1,2-Dichloroethane

Concen: 5.439 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. -0.000 min

Lab File: VU054704.D

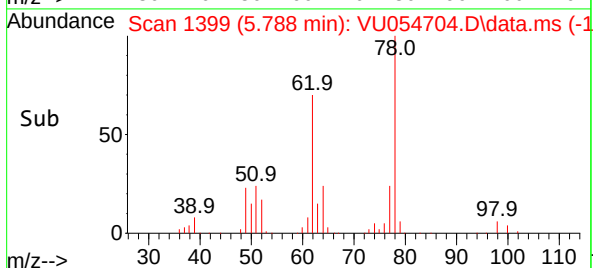
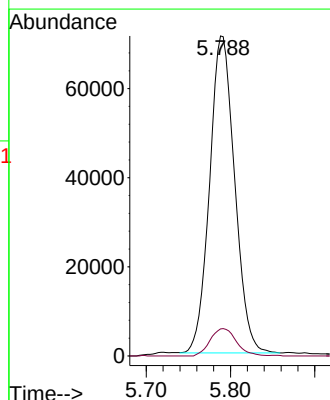
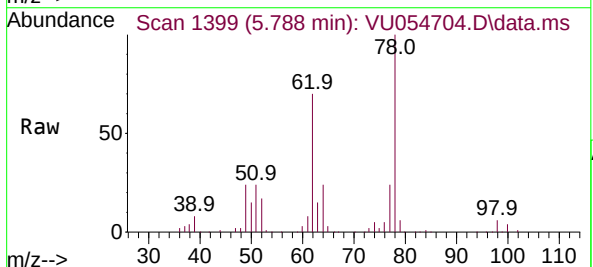
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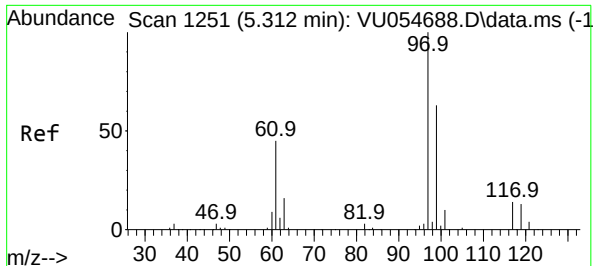
Tgt Ion: 62 Resp: 146982

Ion Ratio Lower Upper

62 100

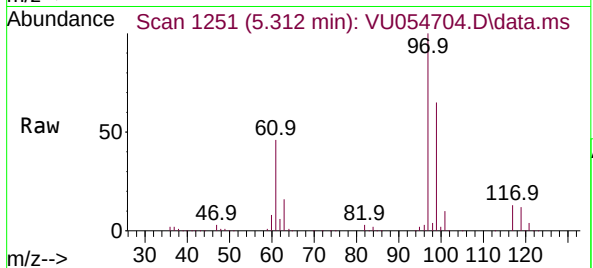
98 8.5 7.8 11.6





#29
1,1,1-Trichloroethane
Concen: 15.143 ug/L
RT: 5.312 min Scan# 1251
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

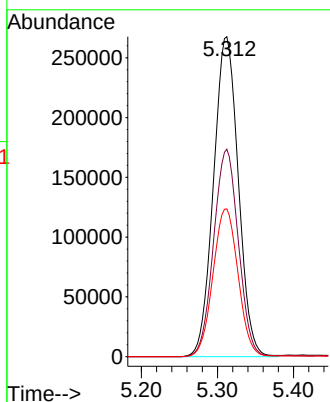
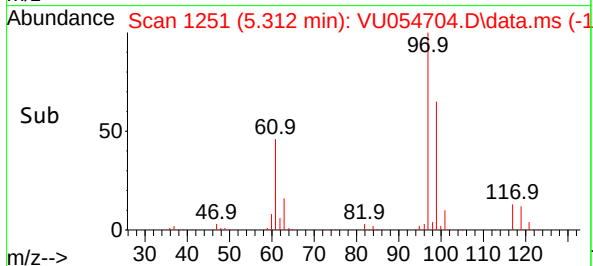
Instrument :
MSVOA_U
ClientSampleId :
HOA42MS



Tgt Ion: 97 Resp: 60608
Ion Ratio Lower Upper
97 100
99 64.7 50.8 76.2
61 46.9 36.1 54.1

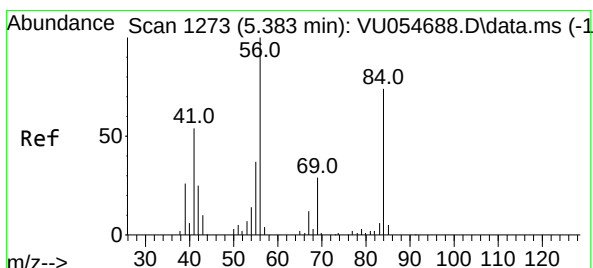
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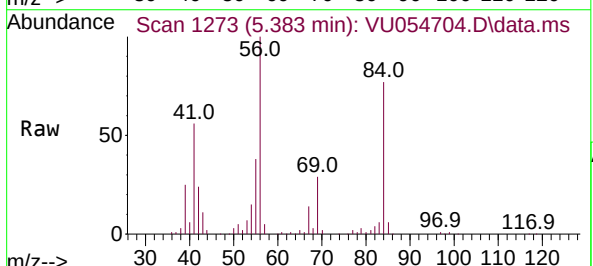


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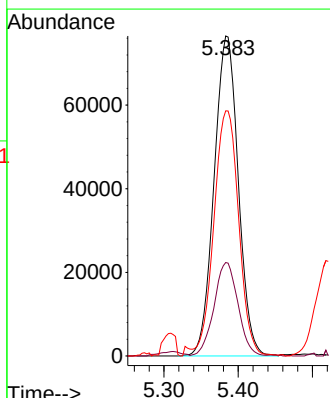
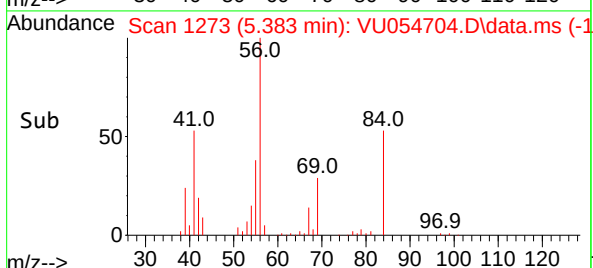
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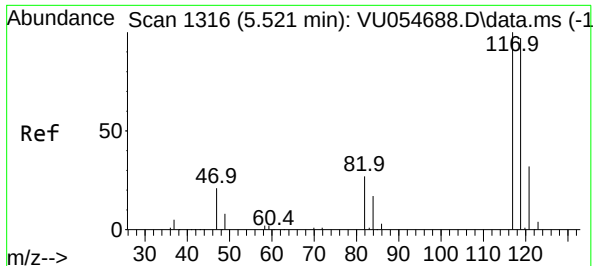


#30
Cyclohexane
Concen: 3.972 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50



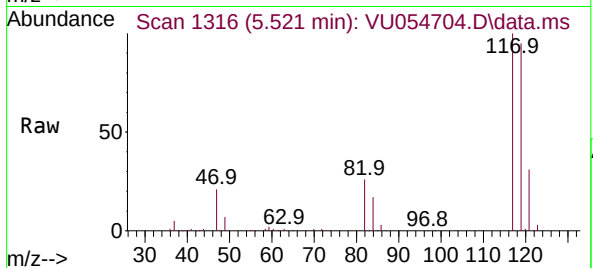
Tgt Ion: 56 Resp: 173155
Ion Ratio Lower Upper
56 100
69 28.6 23.9 35.9
84 77.9 63.0 94.6





#31
Carbon tetrachloride
Concen: 8.453 ug/L
RT: 5.521 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

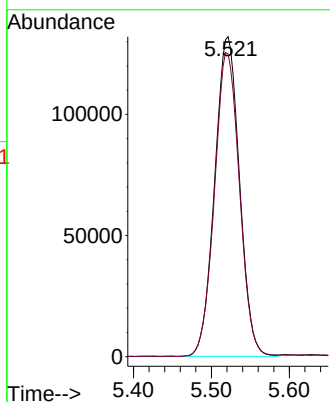
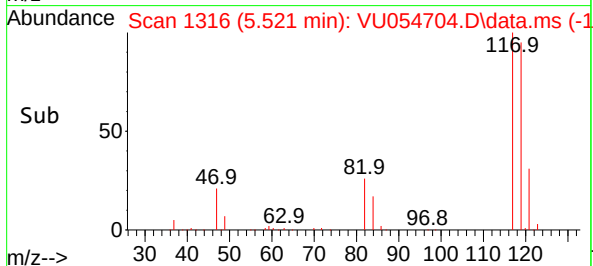
Instrument :
MSVOA_U
ClientSampleId :
HOA42MS



Tgt Ion:117 Resp: 29153
Ion Ratio Lower Upper
117 100
119 95.6 76.8 115.2

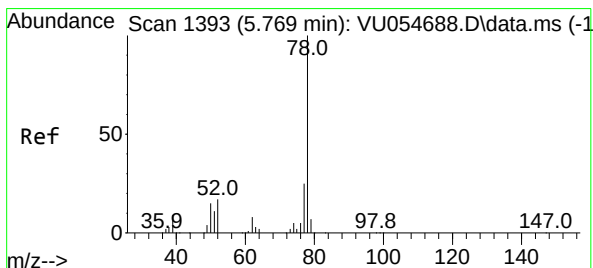
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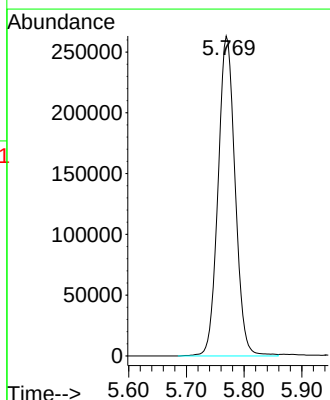
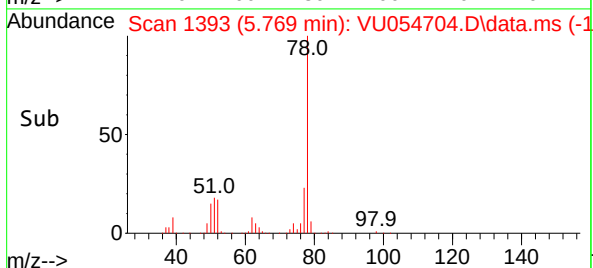
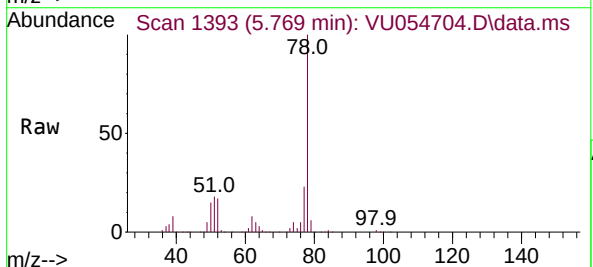
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Dadoda

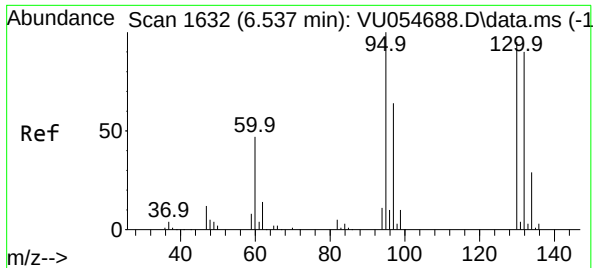
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#33
Benzene
Concen: 5.097 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

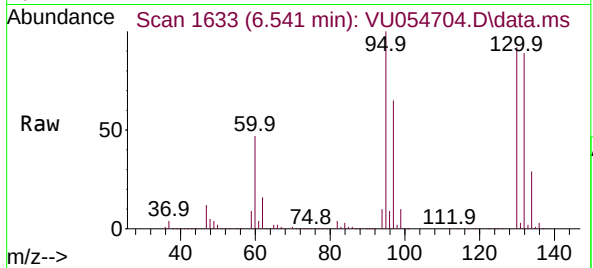
Tgt Ion: 78 Resp: 540697





#34
Trichloroethene
Concen: 385.222 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

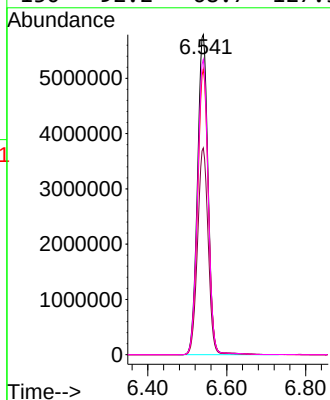
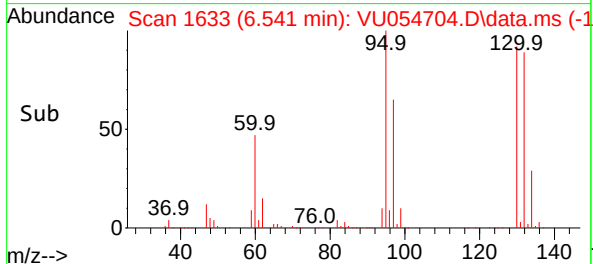
Instrument :
MSVOA_U
ClientSampleId :
HOA42MS



Tgt Ion: 95 Resp: 1080592
Ion Ratio Lower Upper
95 100
97 64.6 46.8 87.0
132 89.2 68.4 127.0
130 92.2 68.7 127.5

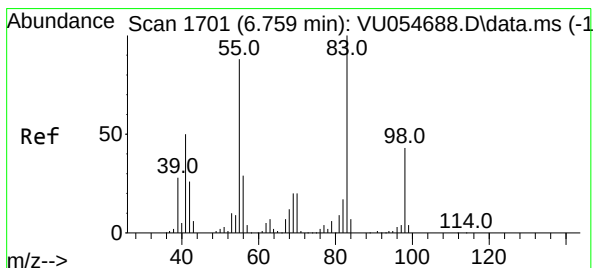
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Supervised By :Mahesh Dadoda 06/30/2023



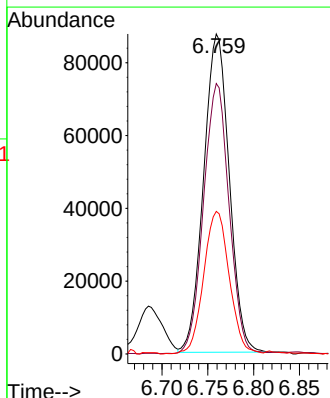
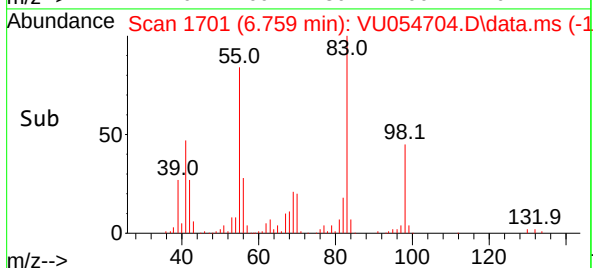
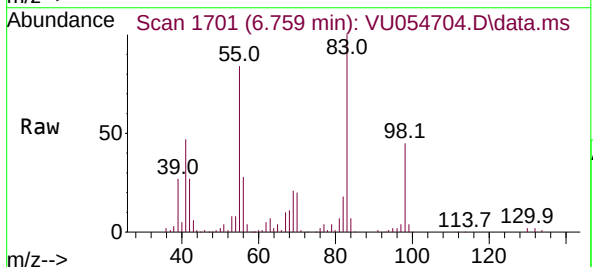
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Supervised By :Mahesh
Dadoda

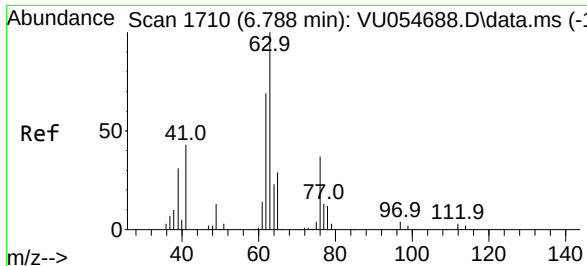
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#35
Methylcyclohexane
Concen: 4.007 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 83 Resp: 169881
Ion Ratio Lower Upper
83 100
55 84.4 67.1 100.7
98 44.9 35.1 52.7





#37

1,2-Dichloropropane

Concen: 4.946 ug/L

RT: 6.788 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

HOA42MS

Tgt Ion: 63 Resp: 141864

Ion Ratio Lower Upper

63 100

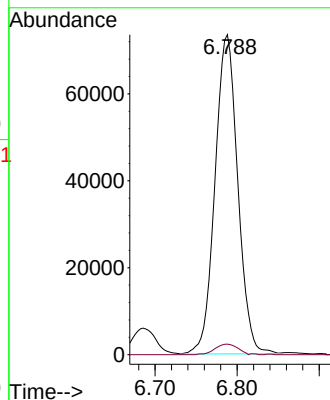
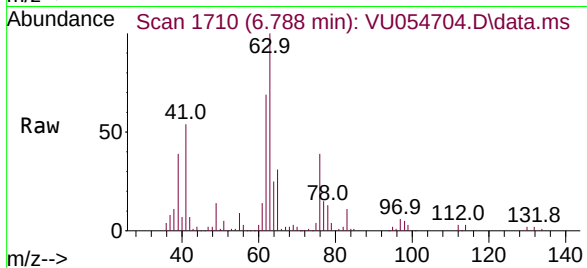
112 3.3 3.0 4.6

Manual Integrations

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Reviewed By :Krupa Patel 06/30/2023

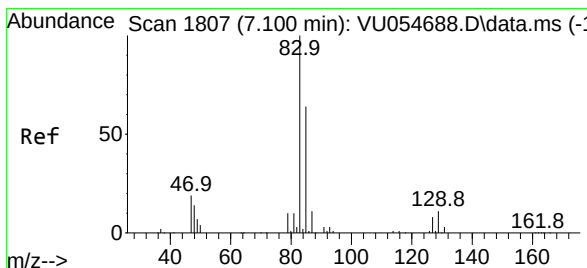
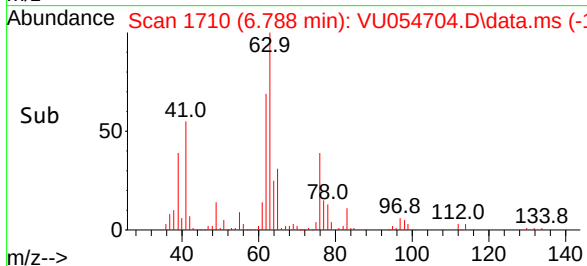
Supervised By :Mahesh Dadoda 06/30/2023



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Supervised By :Mahesh
Dadoda

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#38

Bromodichloromethane

Concen: 5.366 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

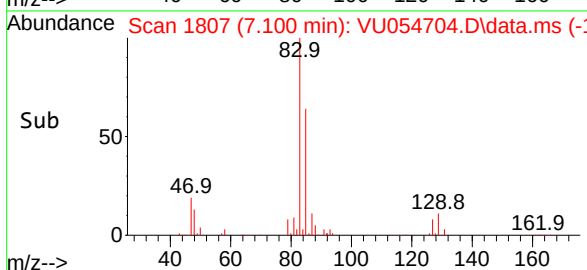
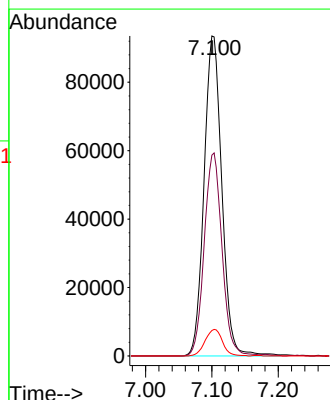
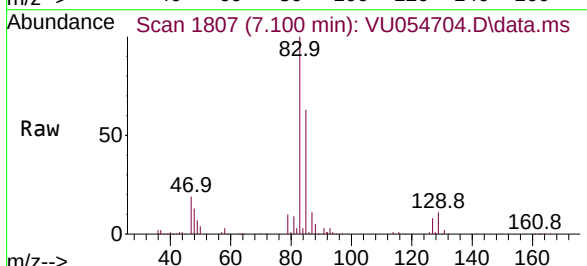
Tgt Ion: 83 Resp: 174230

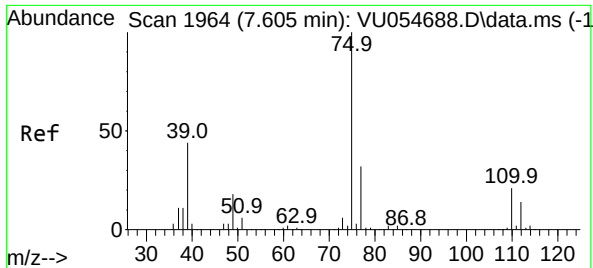
Ion Ratio Lower Upper

83 100

85 62.7 44.1 81.9

127 7.9 6.6 10.0





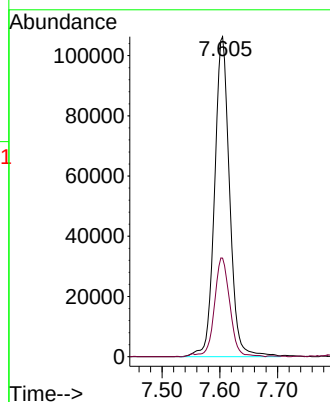
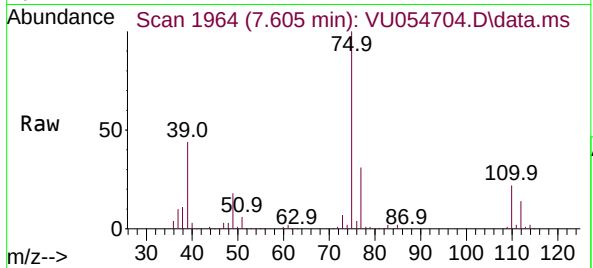
#39
 cis-1,3-Dichloropropene
 Concen: 4.923 ug/L
 RT: 7.605 min Scan# 1964
 Delta R.T. -0.000 min
 Lab File: VU054704.D
 Acq: 29 Jun 2023 18:50

Instrument : MSVOA_U
 ClientSampleId : HOA42MS

Tgt Ion: 75 Resp: 19278
 Ion Ratio Lower Upper
 75 100
 77 30.8 22.3 41.5

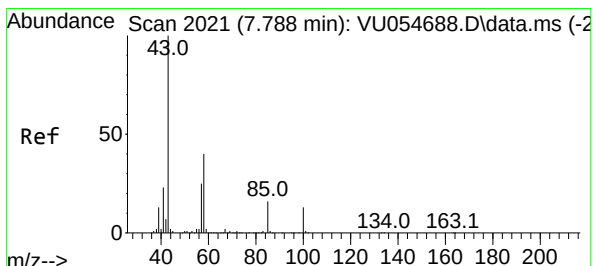
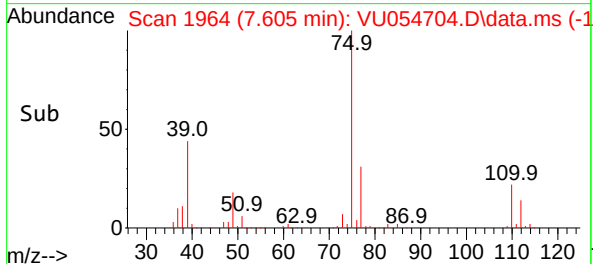
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 Supervised By :Mahesh Dadoda 06/30/2023



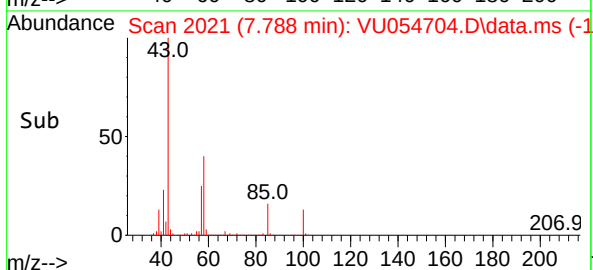
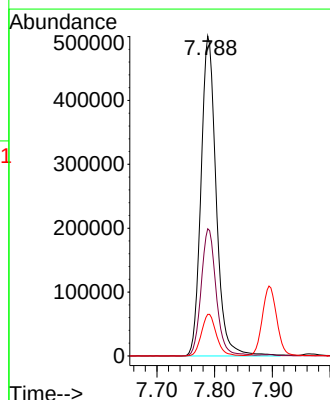
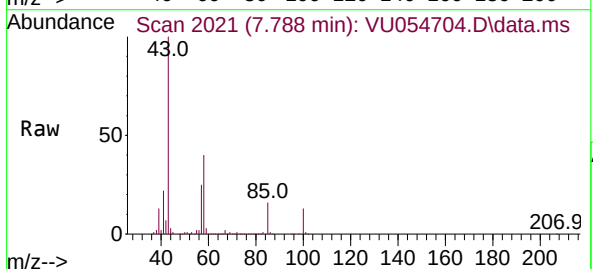
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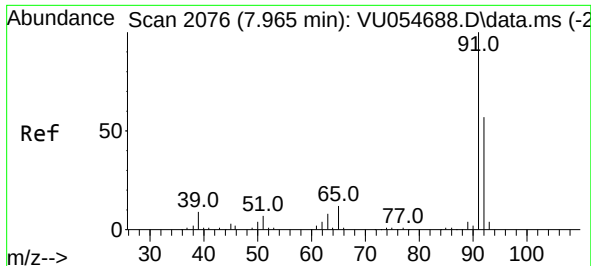
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#40
 4-Methyl-2-pentanone
 Concen: 59.709 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. 0.003 min
 Lab File: VU054704.D
 Acq: 29 Jun 2023 18:50

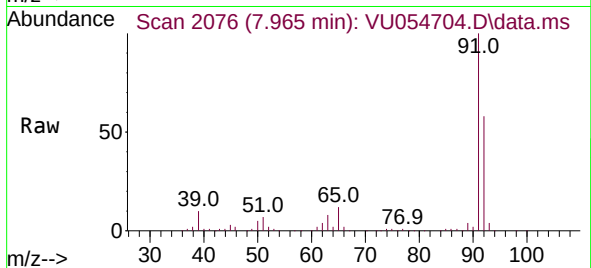
Tgt Ion: 43 Resp: 913919
 Ion Ratio Lower Upper
 43 100
 58 39.4 32.4 48.6
 100 12.9 11.4 17.2





#42
Toluene
Concen: 4.717 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

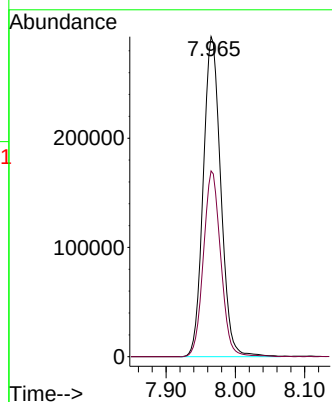
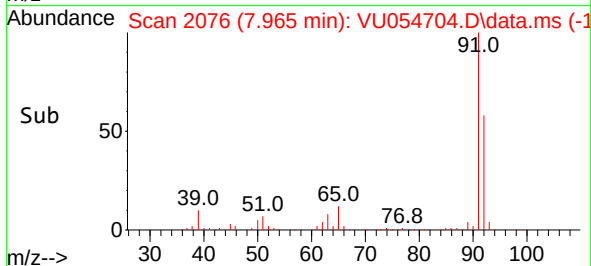
Instrument : MSVOA_U
Client SampleId : HOA42MS



Tgt Ion: 91 Resp: 515280
Ion Ratio Lower Upper
91 100
92 58.1 39.5 73.4

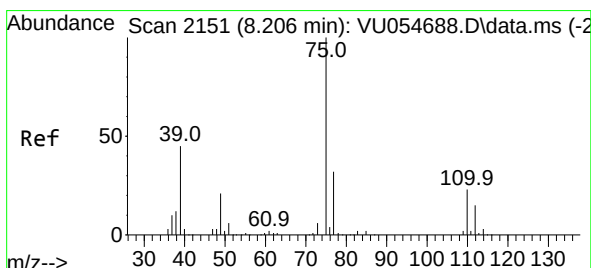
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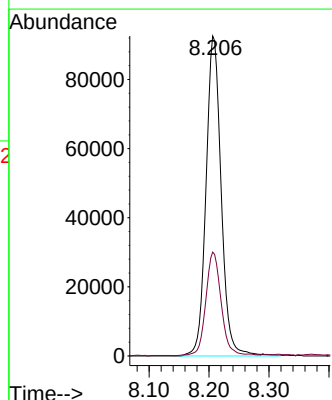
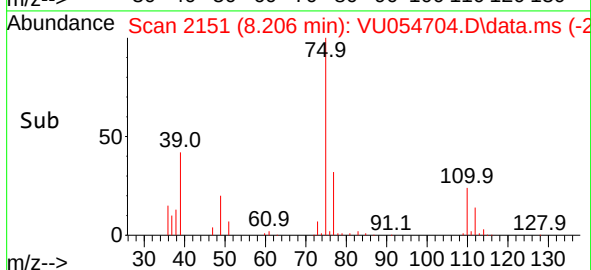
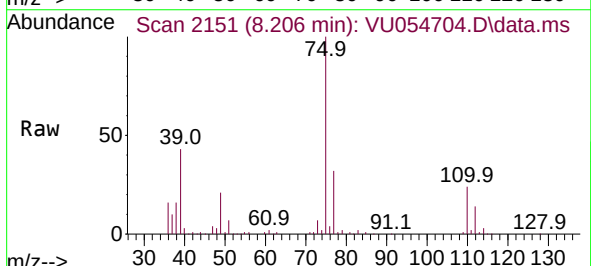
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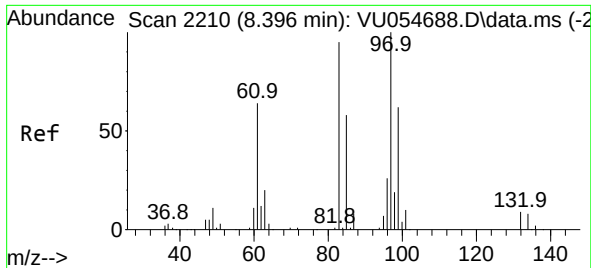
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#44
trans-1,3-Dichloropropene
Concen: 5.130 ug/L
RT: 8.206 min Scan# 2151
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

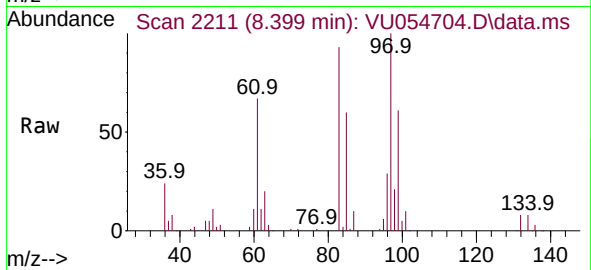
Tgt Ion: 75 Resp: 163024
Ion Ratio Lower Upper
75 100
77 32.5 21.3 39.6





#45
1,1,2-Trichloroethane
Concen: 5.841 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument :
MSVOA_U
ClientSampleId :
HOA42MS

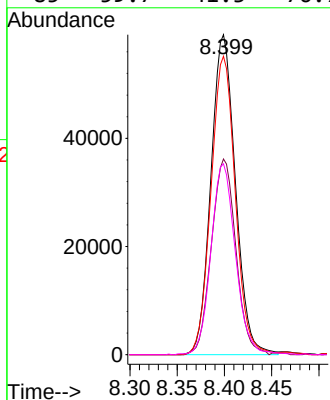
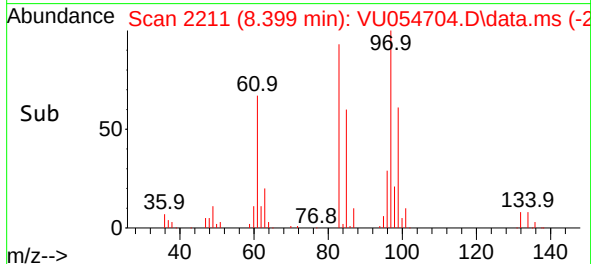


Tgt Ion: 97 Resp: 106570

Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.0	80.0
83	93.2	63.8	118.6
85	59.7	41.3	76.7

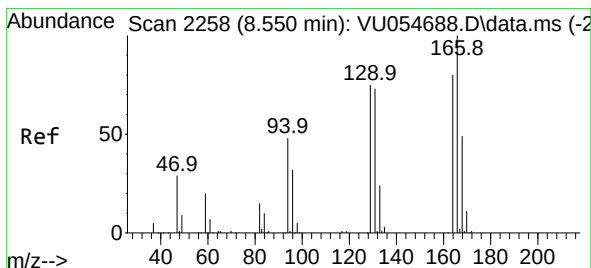
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Supervised By :Mahesh
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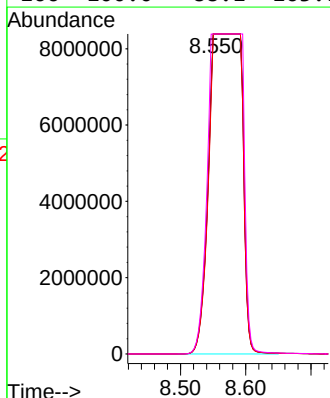
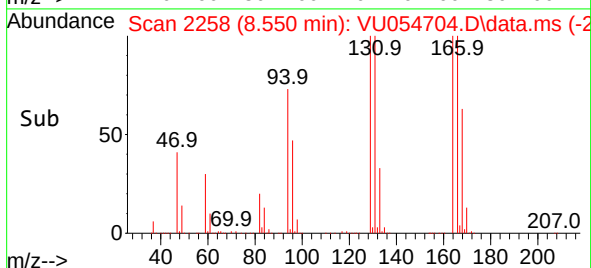
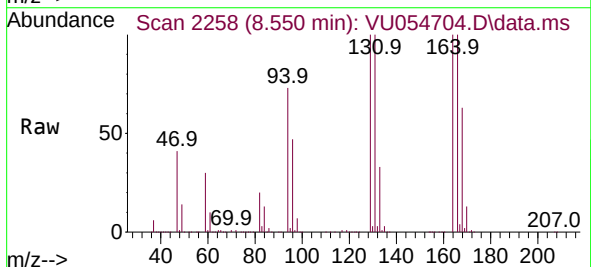
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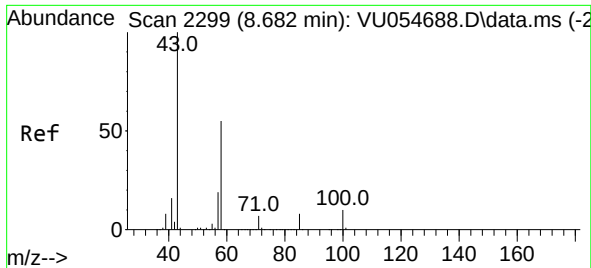


#47
Tetrachloroethene
Concen: 1370.524 ug/L m
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion:164 Resp:29428367

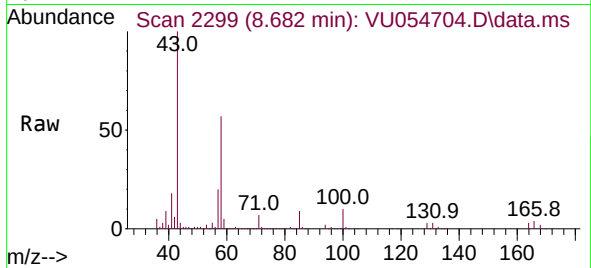
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.7	125.7
131	100.0	64.6	120.0
166	100.0	88.1	163.7





#48
2-Hexanone
Concen: 59.724 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

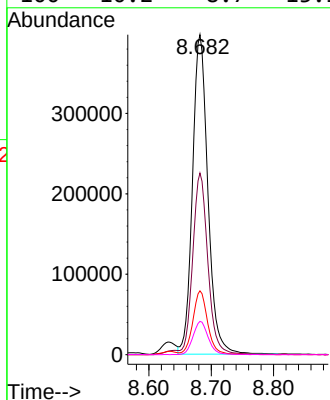
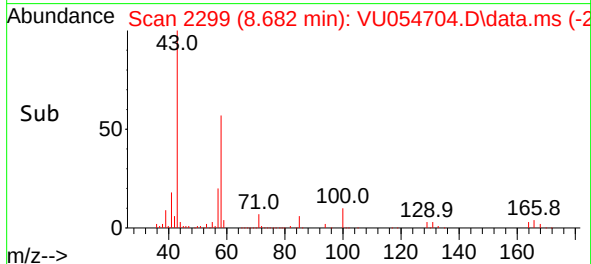
Instrument :
MSVOA_U
ClientSampleId :
HOA42MS



Tgt Ion: 43 Resp: 681139
Ion Ratio Lower Upper
43 100
58 55.4 45.2 67.8
57 19.1 15.8 23.6
100 10.2 8.7 13.1

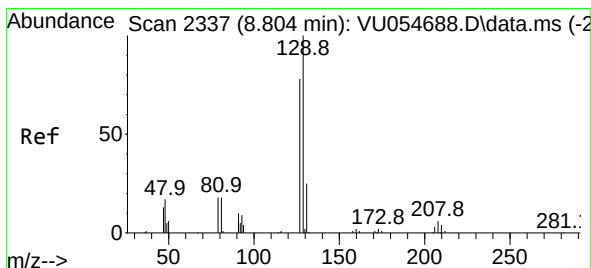
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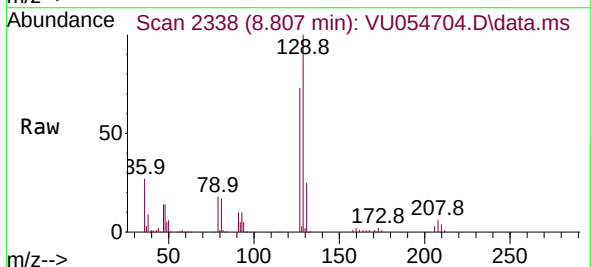


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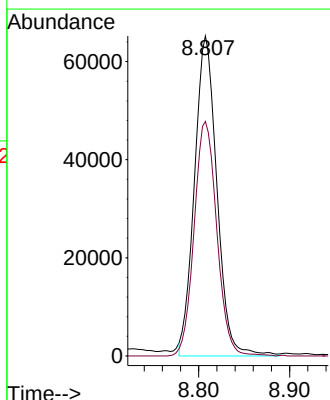
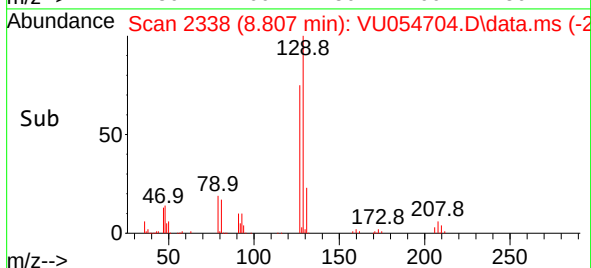
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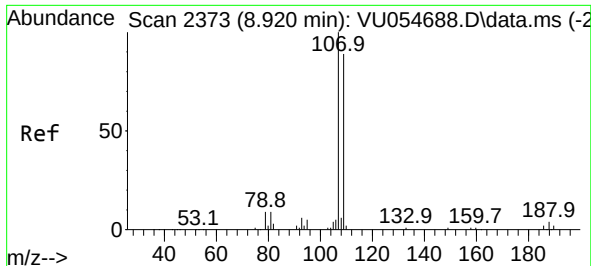


#49
Dibromochloromethane
Concen: 5.841 ug/L m
RT: 8.807 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50



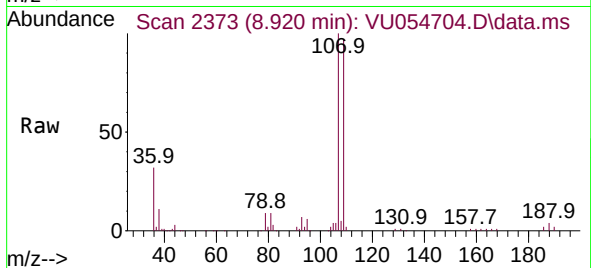
Tgt Ion:129 Resp: 111916
Ion Ratio Lower Upper
129 100
127 73.3 53.2 98.8





#50
1,2-Dibromoethane
Concen: 5.242 ug/L
RT: 8.920 min Scan# 2373
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

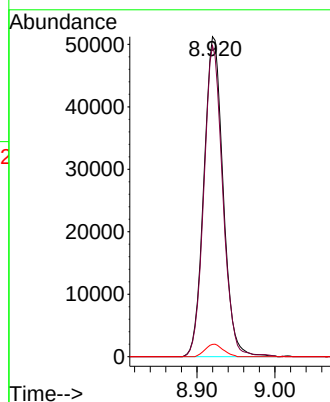
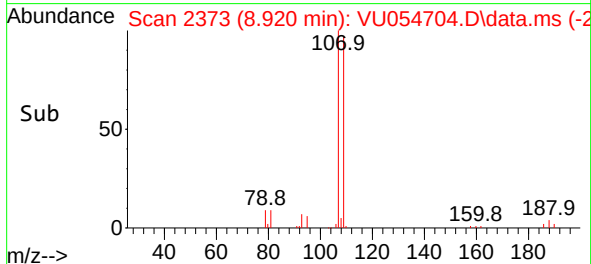
Instrument : MSVOA_U
ClientSampleId : VU054704.D
HOA42MS



Tgt Ion:107 Resp: 8780
Ion Ratio Lower Upper
107 100
109 97.2 66.6 123.6
188 3.9 3.1 4.7

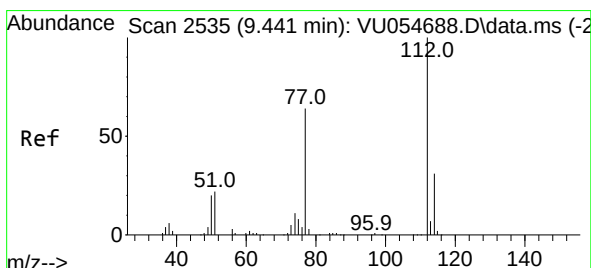
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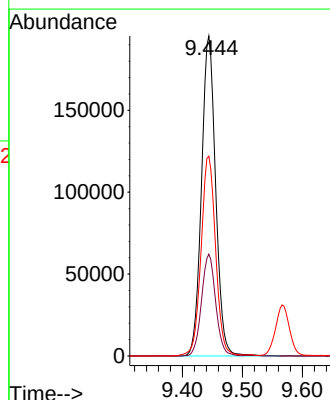
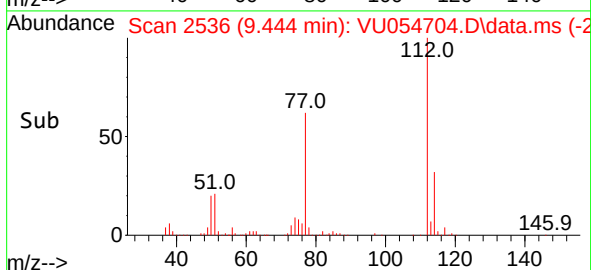
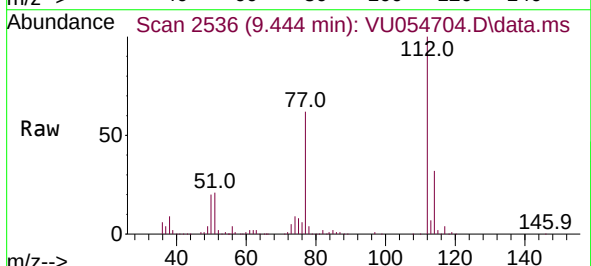
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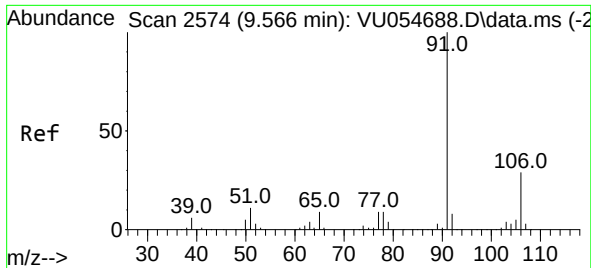
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#51
Chlorobenzene
Concen: 4.717 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion:112 Resp: 321202
Ion Ratio Lower Upper
112 100
114 31.8 22.7 42.1
77 62.5 49.8 74.8





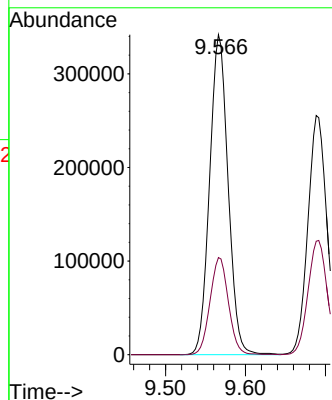
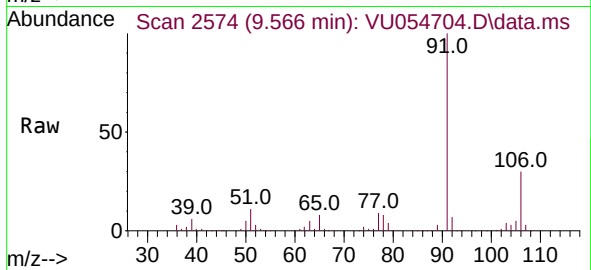
#52
Ethylbenzene
Concen: 4.599 ug/L
RT: 9.566 min Scan# 2100
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument :
MSVOA_U
ClientSampleId :
HOA42MS

Tgt Ion: 91 Resp: 548702
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.3

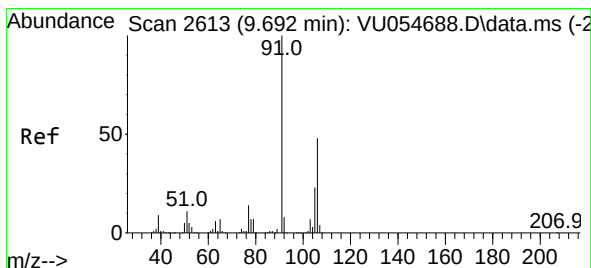
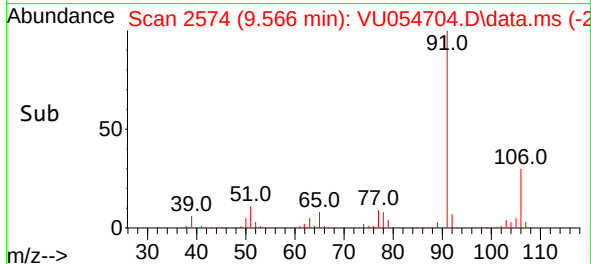
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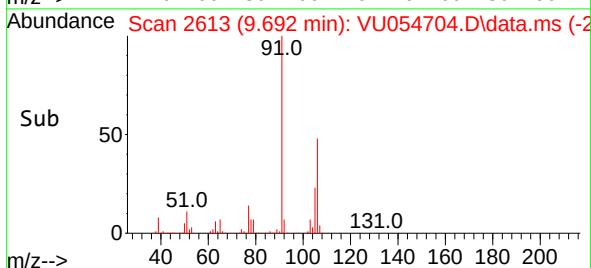
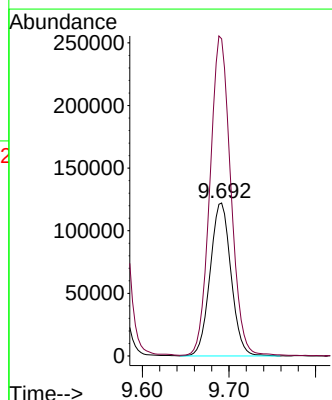
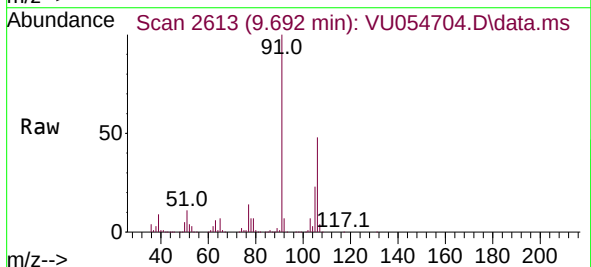
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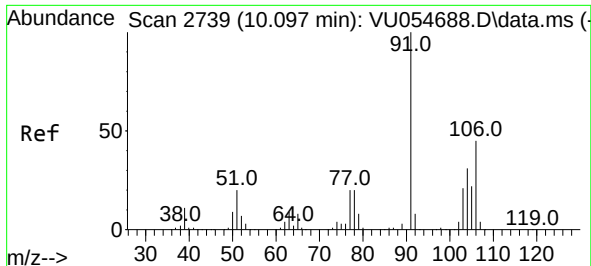
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#53
m,p-Xylene
Concen: 4.675 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion:106 Resp: 204914
Ion Ratio Lower Upper
106 100
91 207.3 147.0 273.0





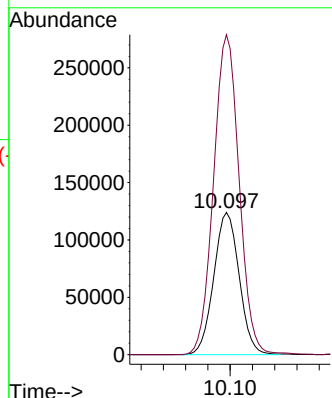
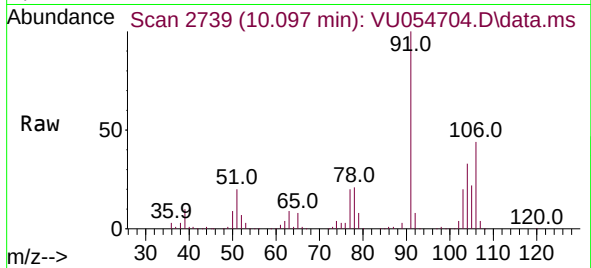
#54
o-Xylene
Concen: 4.635 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument : MSVOA_U
ClientSampleId : HOA42MS

Tgt Ion:106 Resp: 19647
Ion Ratio Lower Upper
106 100
91 225.0 154.5 286.9

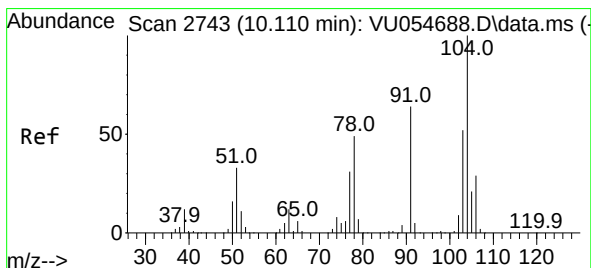
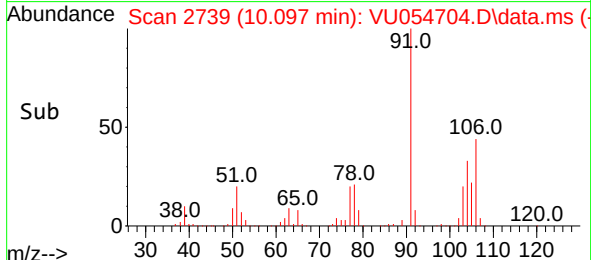
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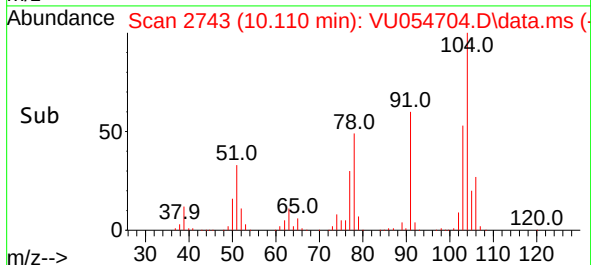
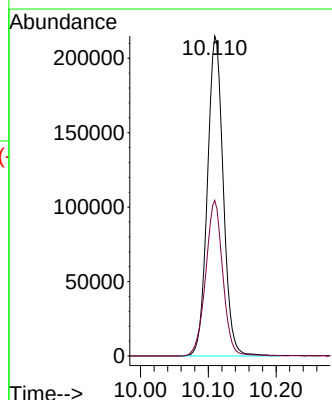
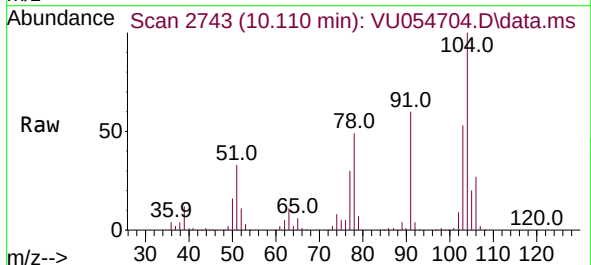
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Supervised By :Mahesh
Dadoda

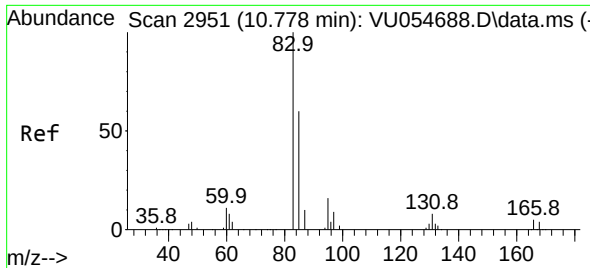
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#55
Styrene
Concen: 4.914 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion:104 Resp: 349564
Ion Ratio Lower Upper
104 100
78 48.6 33.0 61.4





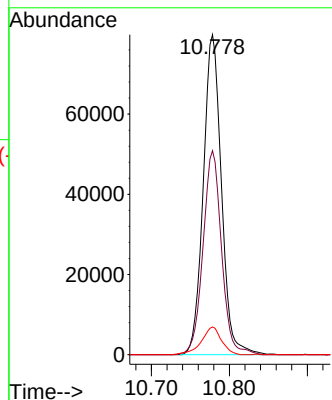
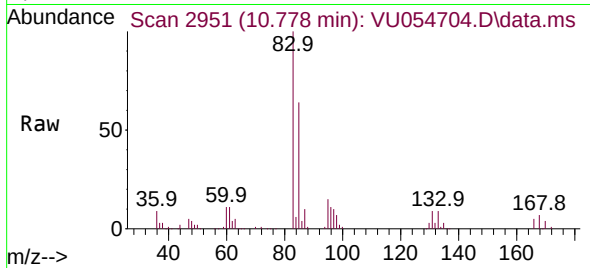
#57
1,1,2,2-Tetrachloroethane
Concen: 5.575 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument : MSVOA_U
ClientSampleId : HOA42MS

Tgt Ion: 83 Resp: 12921
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.2
131 8.6 7.0 10.6

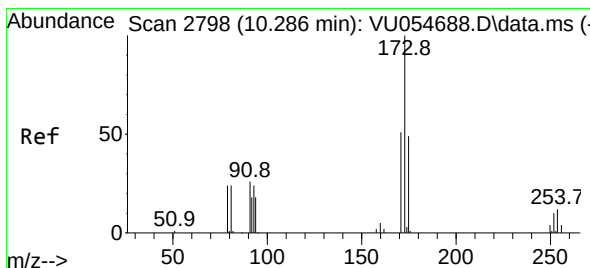
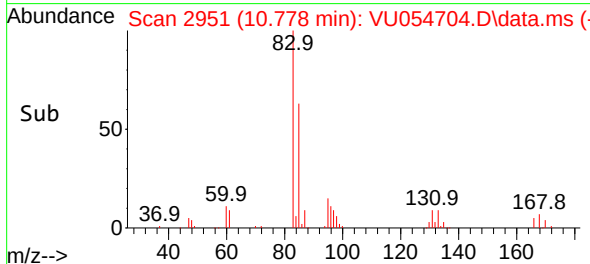
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



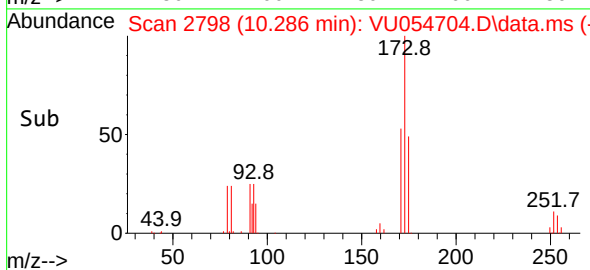
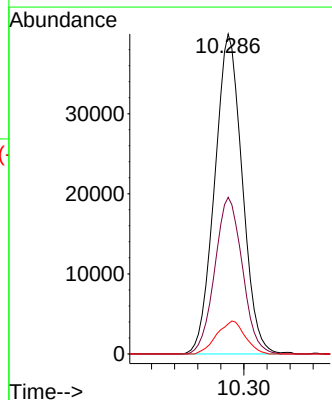
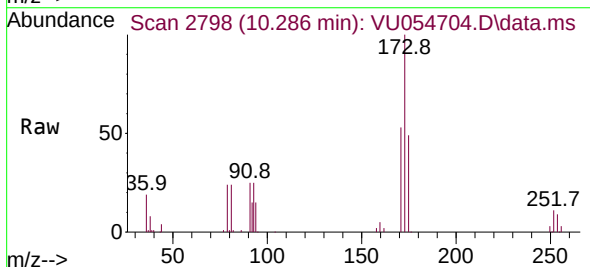
06/30/2023
Supervised By :Mahesh
Dadoda

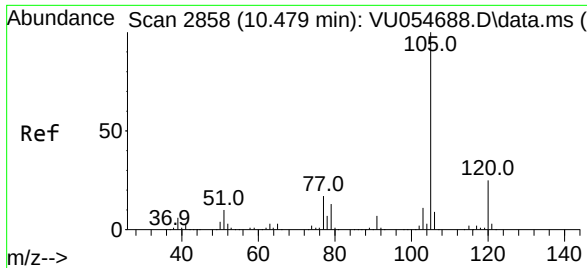
06/30/2023



#59
Bromoform
Concen: 6.018 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

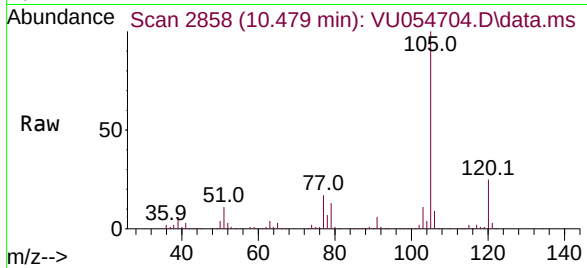
Tgt Ion:173 Resp: 66064
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
254 10.6 8.6 12.8





#60
Isopropylbenzene
Concen: 4.790 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

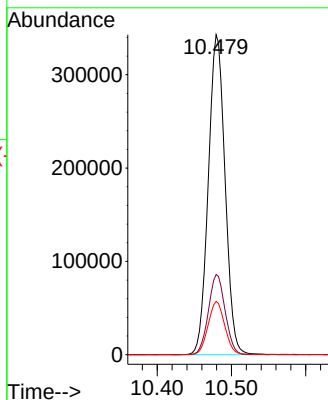
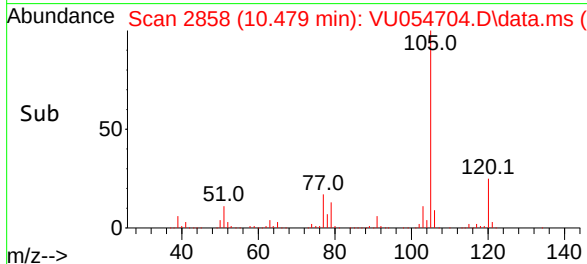
Instrument : MSVOA_U
ClientSampleId : VU054704.D
HOA42MS



Tgt Ion:105 Resp: 53581
Ion Ratio Lower Upper
105 100
120 25.1 20.9 31.3
77 16.6 13.2 19.8

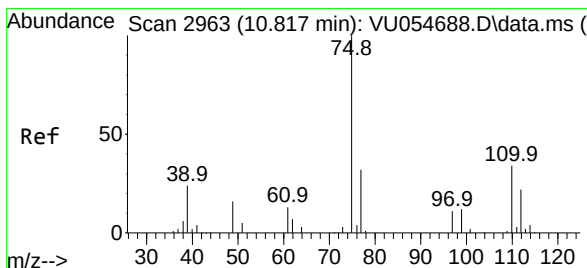
Manual Integrations
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Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



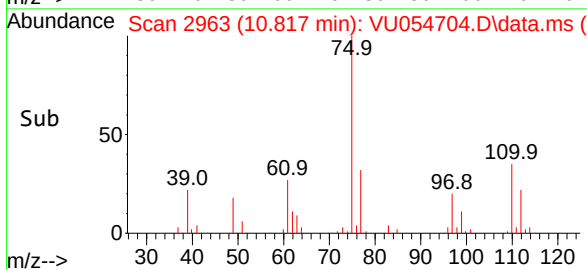
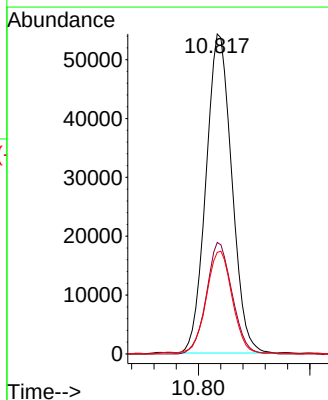
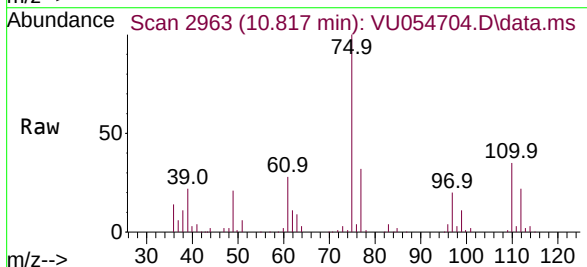
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Supervised By :Mahesh
Dadoda

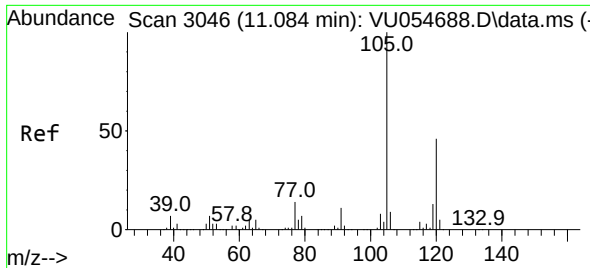
06/30/2023



#61
1,2,3-Trichloropropane
Concen: 5.644 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. -0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion: 75 Resp: 87225
Ion Ratio Lower Upper
75 100
110 34.7 28.0 42.0
77 31.9 25.4 38.2





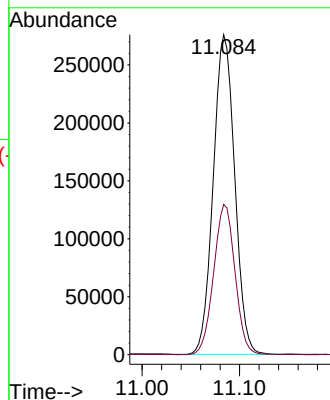
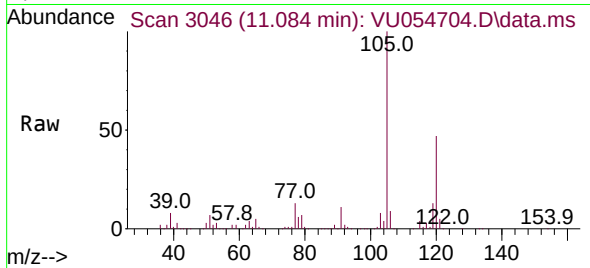
#62
1,3,5-Trimethylbenzene
Concen: 4.628 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument : MSVOA_U
ClientSampleId : HOA42MS

Tgt Ion:105 Resp: 422352
Ion Ratio Lower Upper
105 100
120 46.7 37.9 56.9

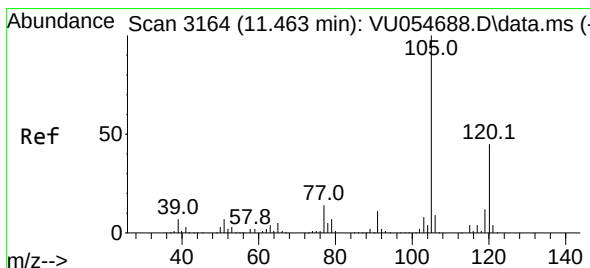
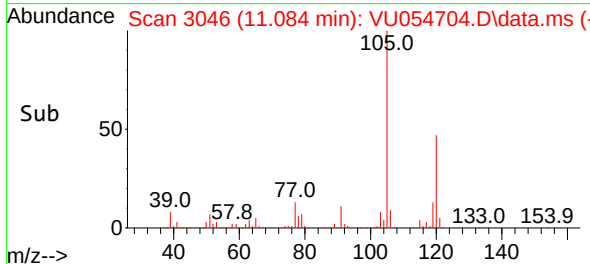
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Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



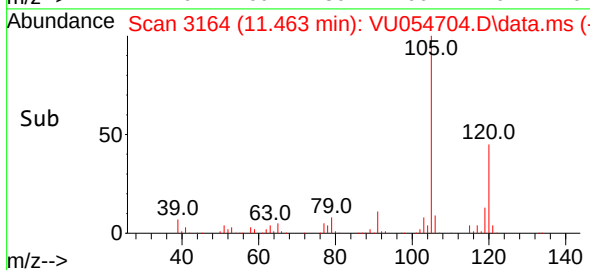
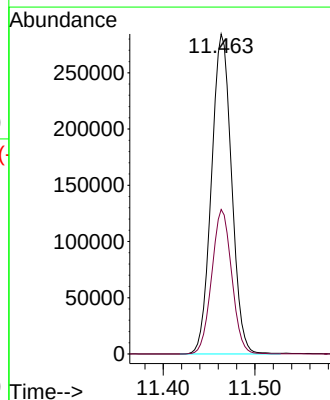
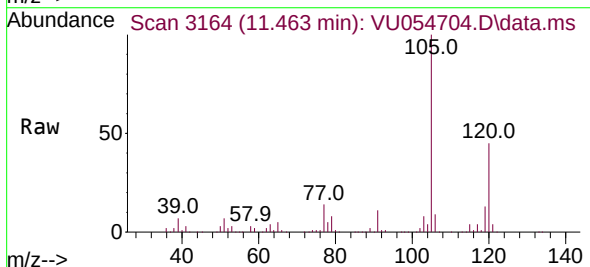
06/30/2023
Supervised By :Mahesh
Dadoda

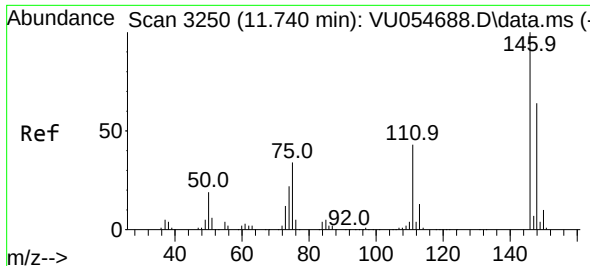
06/30/2023



#63
1,2,4-Trimethylbenzene
Concen: 4.678 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

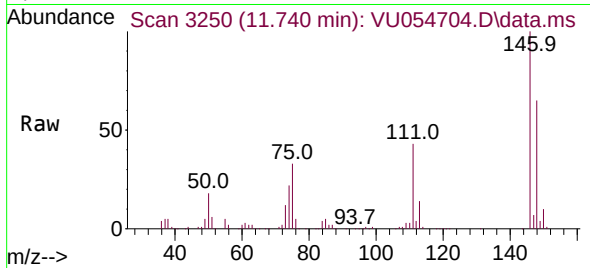
Tgt Ion:105 Resp: 433594
Ion Ratio Lower Upper
105 100
120 44.8 35.4 53.0





#64
1,3-Dichlorobenzene
Concen: 5.230 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

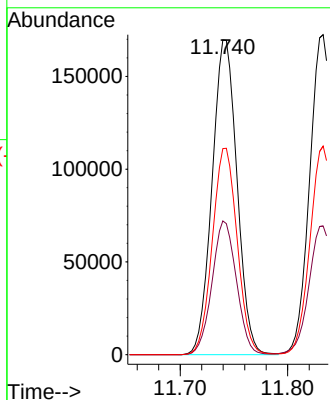
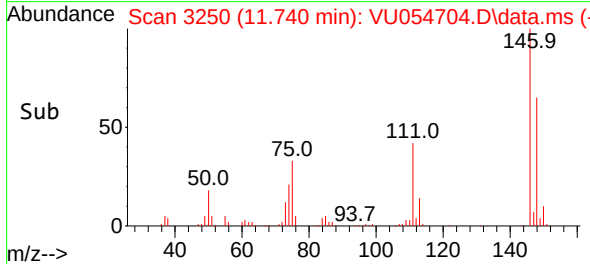
Instrument :
MSVOA_U
ClientSampleId :
HOA42MS



Tgt Ion:146 Resp: 27344
Ion Ratio Lower Upper
146 100
111 42.5 28.9 53.7
148 65.5 44.0 81.8

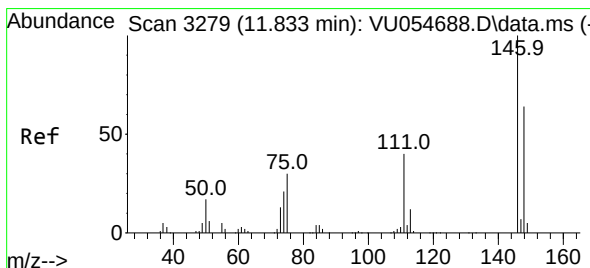
Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

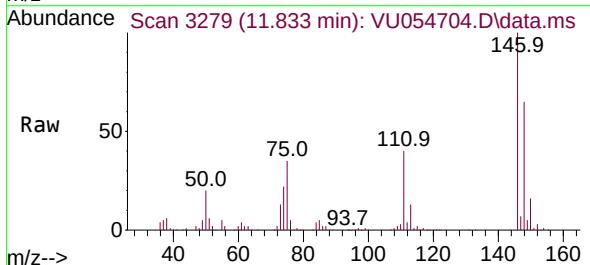


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Supervised By :Mahesh
Dadoda

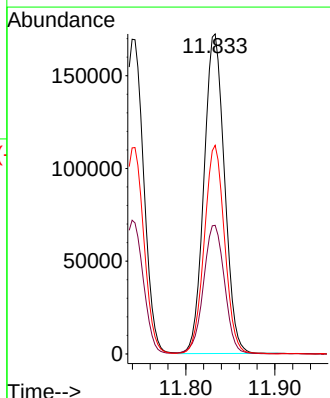
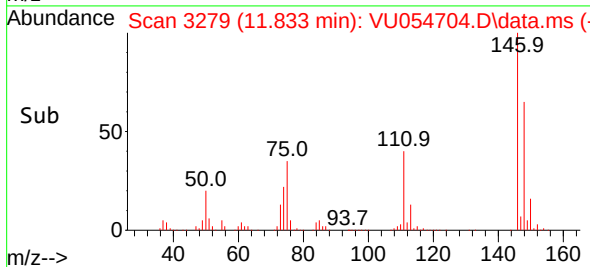
06/30/2023

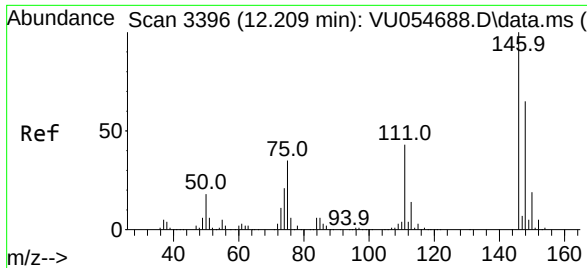


#65
1,4-Dichlorobenzene
Concen: 5.252 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50



Tgt Ion:146 Resp: 275588
Ion Ratio Lower Upper
146 100
111 40.2 28.0 52.0
148 65.2 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.464 ug/L

RT: 12.206 min Scan# 3396

Delta R.T. -0.003 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

HOA42MS

Tgt Ion:146 Resp: 262780

Ion Ratio Lower Upper

146 100

111 42.6 34.5 51.7

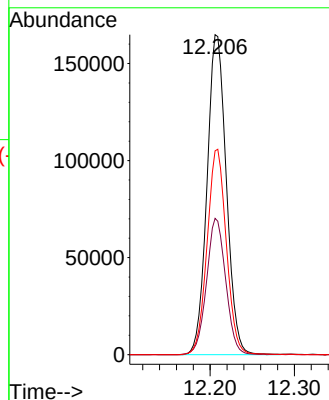
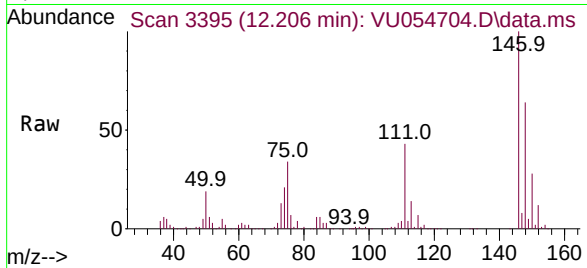
148 63.7 50.9 76.3

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Reviewed By :Krupa Patel 06/30/2023

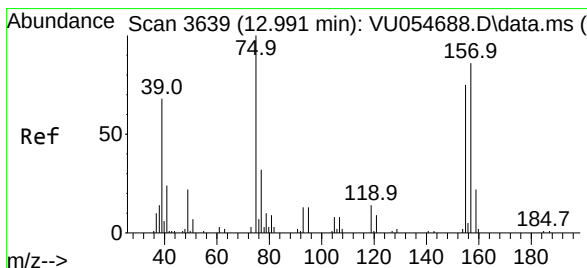
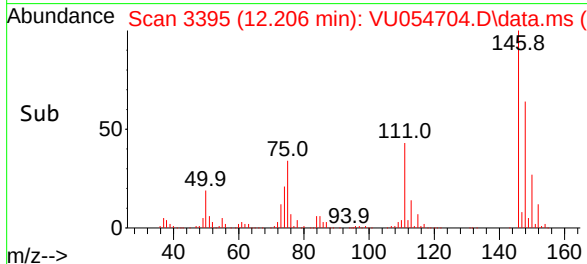
Supervised By :Mahesh Dadoda 06/30/2023



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Dadoda

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#68

1,2-Dibromo-3-chloropropane

Concen: 6.362 ug/L

RT: 12.990 min Scan# 3639

Delta R.T. -0.003 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

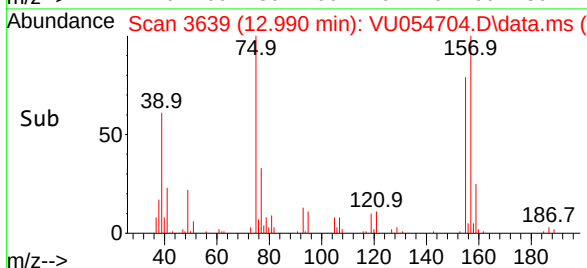
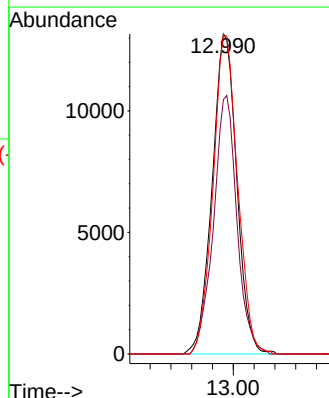
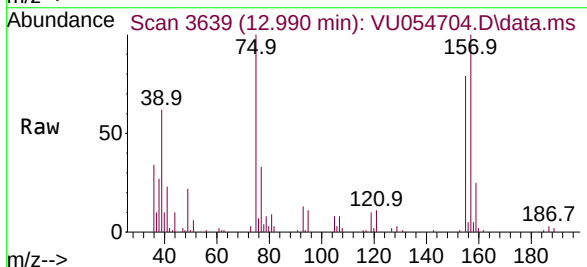
Tgt Ion: 75 Resp: 21605

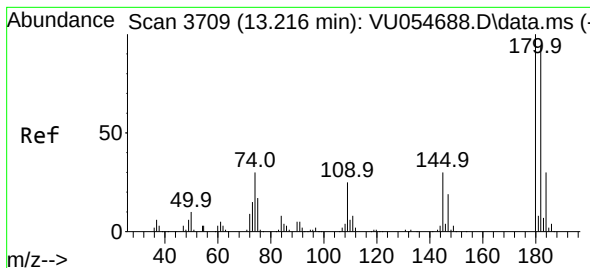
Ion Ratio Lower Upper

75 100

155 79.5 65.7 98.5

157 99.8 84.2 126.2





#69

1,3,5-Trichlorobenzene

Concen: 4.556 ug/L

RT: 13.216 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU054704.D

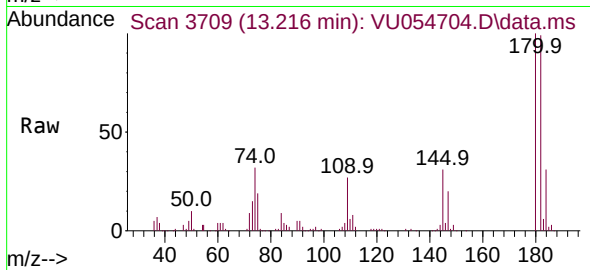
Acq: 29 Jun 2023 18:50

Instrument :

MSVOA_U

ClientSampleId :

HOA42MS



Tgt Ion:180 Resp: 17975

Ion Ratio Lower Upper

180 100

182 96.3 75.0 112.6

184 30.5 24.1 36.1

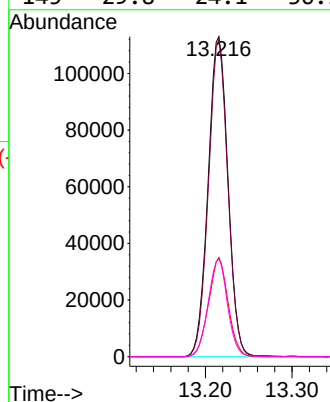
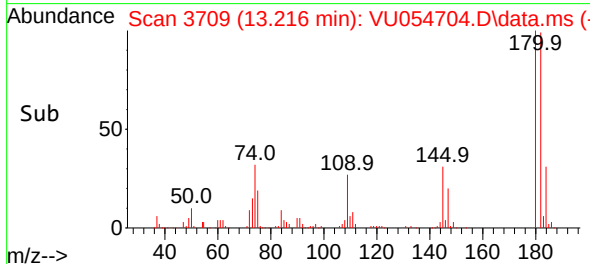
145 29.8 24.1 36.1

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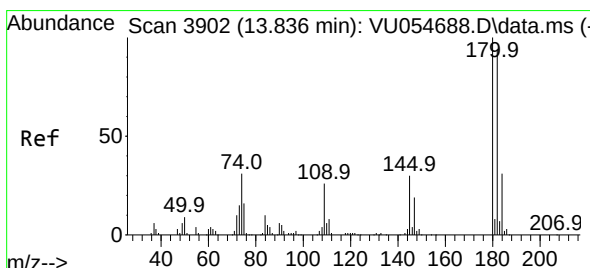
Supervised By :Mahesh Dadoda 06/30/2023



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Supervised By :Mahesh
Dadoda

06/30/2023



#70

1,2,4-trichlorobenzene

Concen: 4.669 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. -0.000 min

Lab File: VU054704.D

Acq: 29 Jun 2023 18:50

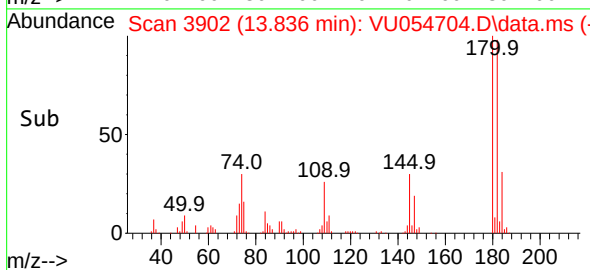
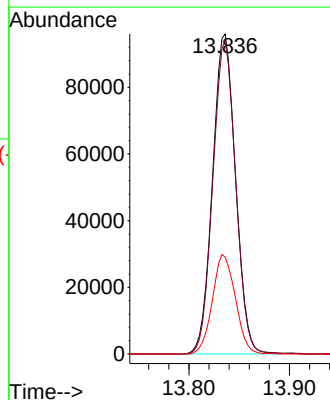
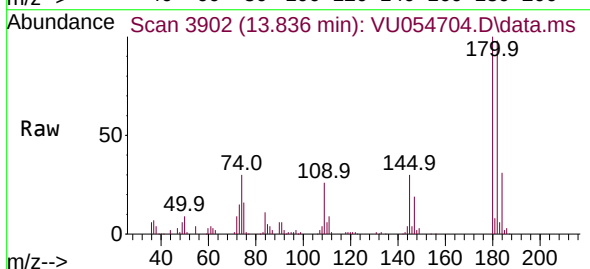
Tgt Ion:180 Resp: 152332

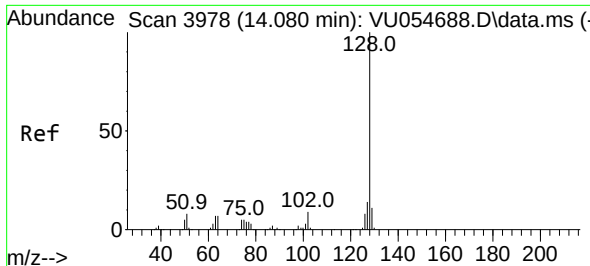
Ion Ratio Lower Upper

180 100

182 97.2 76.6 114.8

145 31.1 24.0 36.0





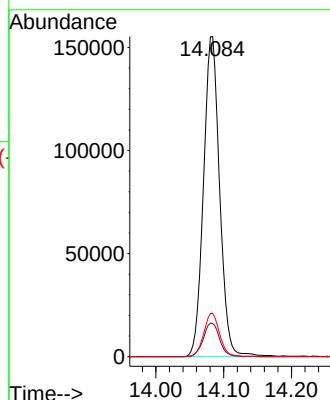
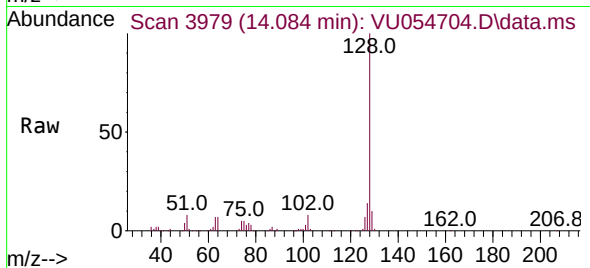
#71
Naphthalene
Concen: 4.840 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Instrument :
MSVOA_U
ClientSampleId :
HOA42MS

Tgt Ion:128 Resp: 25672
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.3 10.6 15.8

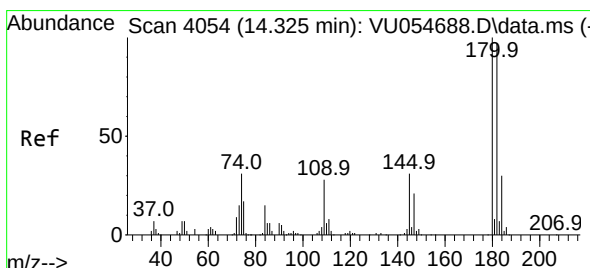
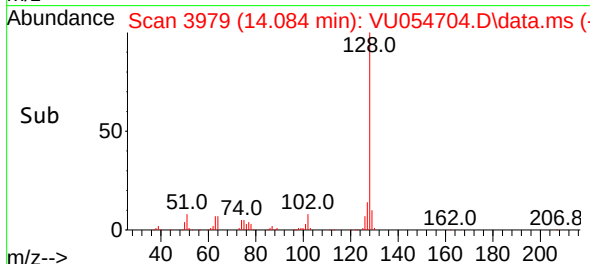
Manual Integrations
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Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023



06/30/2023
Supervised By :Mahesh
Dadoda

06/30/2023



#72
1,2,3-Trichlorobenzene
Concen: 4.999 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. -0.000 min
Lab File: VU054704.D
Acq: 29 Jun 2023 18:50

Tgt Ion:180 Resp: 140103
Ion Ratio Lower Upper
180 100
182 95.4 75.4 113.2
145 33.1 26.0 39.0

