

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054705.D
 Acq On : 29 Jun 2023 19:14
 Operator : MD/SY
 Sample : 03477-04MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 HOA42MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 05:20:54 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

06/30/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	295943	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	292097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	150118	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.599	65	84850	4.505	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.200%
7) Chloroethane-d5	1.911	69	76320	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.560	65	37033	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.637	46	297362	56.155	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.320%
24) Chloroform-d	5.059	84	181137	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.698	65	87981	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.724	84	319760	3.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.800%
36) 1,2-Dichloropropane-d6	6.689	67	110353	4.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.400%
41) Toluene-d8	7.894	98	288052	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	8.177	79	42279	4.484	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.600%
46) 2-Hexanone-d5	8.631	63	216402	54.701	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.400%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	94305	4.664	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	104776	4.138	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.383	85	104260	3.770	ug/L	99
3) Chloromethane	1.522	50	131017	4.124	ug/L	100
5) Vinyl chloride	1.602	62	142206	4.361	ug/L	99
6) Bromomethane	1.856	94	74806	4.173	ug/L	95
8) Chloroethane	1.933	64	93035	4.760	ug/L	95
9) Trichlorofluoromethane	2.136	101	188454	4.701	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	119207	5.084	ug/L	96
12) 1,1-Dichloroethene	2.573	96	3223808	150.190	ug/L #	85
13) Acetone	2.650	43	269128	53.903	ug/L	100
14) Carbon disulfide	2.789	76	238406	3.745	ug/L	99
15) Methyl Acetate	2.956	43	56062	6.059	ug/L	94
16) Methylene chloride	3.043	84	121271	4.018	ug/L	91
17) Methyl tert-butyl Ether	3.361	73	283639	5.354	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	101231	4.568	ug/L	93
19) 1,1-Dichloroethane	3.862	63	307320	6.701	ug/L	100
21) 2-Butanone	4.715	43	400076	61.742	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	227676	9.021	ug/L	97
23) Bromochloromethane	4.968	128	52464	4.996	ug/L	96
25) Chloroform	5.081	83	451865	9.994	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	146297	5.520	ug/L	98
29) 1,1,1-Trichloroethane	5.313	97	608962	15.374	ug/L	98
30) Cyclohexane	5.383	56	179623	4.164	ug/L	99
31) Carbon tetrachloride	5.522	117	290350	8.507	ug/L	99
33) Benzene	5.769	78	530664	5.055	ug/L	100
34) Trichloroethene	6.541	95	10904561	392.819	ug/L	94
35) Methylcyclohexane	6.759	83	178731	4.260	ug/L	98
37) 1,2-Dichloropropane	6.785	63	141192	4.974	ug/L	99
38) Bromodichloromethane	7.100	83	170309	5.301	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	190499	4.916	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	903314	59.635	ug/L	98
42) Toluene	7.965	91	511981	4.736	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	157809	5.018	ug/L	97
45) 1,1,2-Trichloroethane	8.399	97	105584	5.847	ug/L	99
47) Tetrachloroethene	8.550	164	29430525m	1385.012	ug/L	
48) 2-Hexanone	8.682	43	677468	60.025	ug/L	99
49) Dibromochloromethane	8.808	129	108368m	5.716	ug/L	
50) 1,2-Dibromoethane	8.920	107	87118	5.255	ug/L #	99
51) Chlorobenzene	9.444	112	320753	4.760	ug/L	98
52) Ethylbenzene	9.566	91	553229	4.686	ug/L	99
53) m,p-Xylene	9.692	106	202912	4.678	ug/L	99
54) o-Xylene	10.097	106	202384	4.825	ug/L	98
55) Styrene	10.110	104	352235	5.003	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	127608	5.564	ug/L	98
59) Bromoform	10.287	173	66116	6.135	ug/L	98
60) Isopropylbenzene	10.480	105	545888	4.971	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	86150	5.679	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	431454	4.815	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	440444	4.840	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	281910	5.492	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	285914	5.550	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	263041	5.572	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	21910	6.572	ug/L	96
69) 1,3,5-Trichlorobenzene	13.216	180	191579	4.946	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	165491	5.167	ug/L	100
71) Naphthalene	14.081	128	279351	5.364	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	148653	5.403	ug/L	97

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

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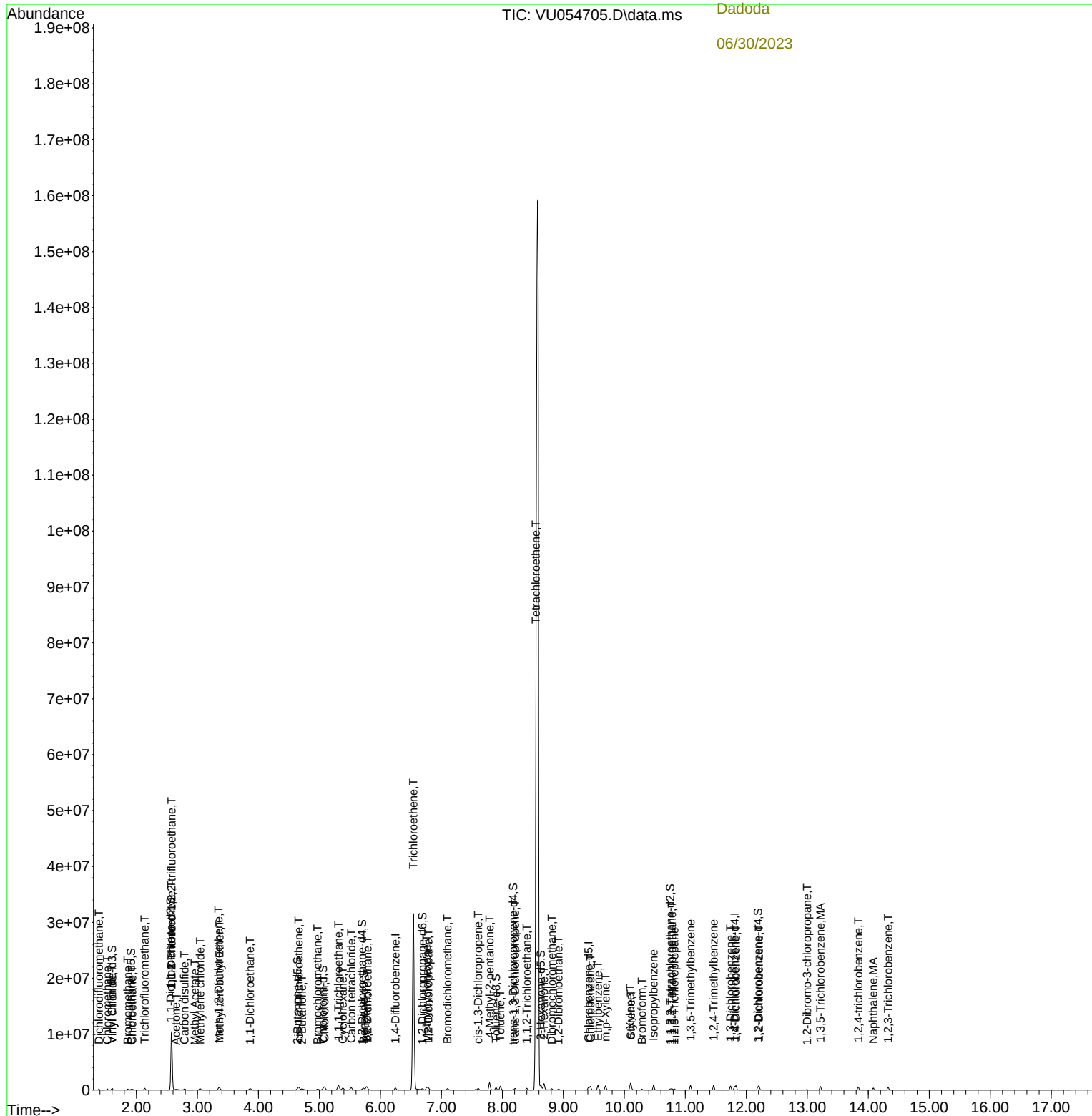
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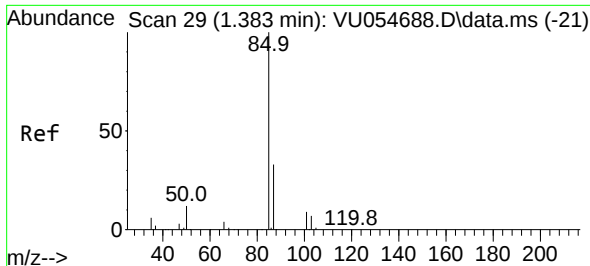
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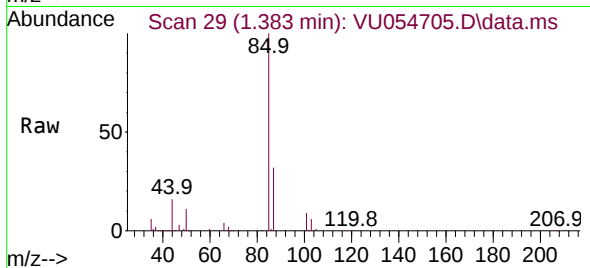
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#2
Dichlorodifluoromethane
Concen: 3.770 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

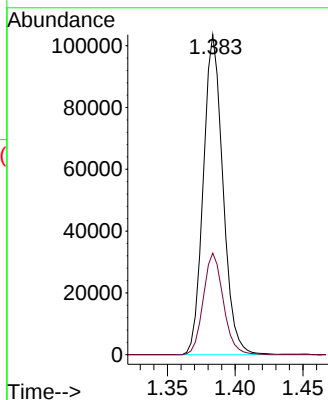
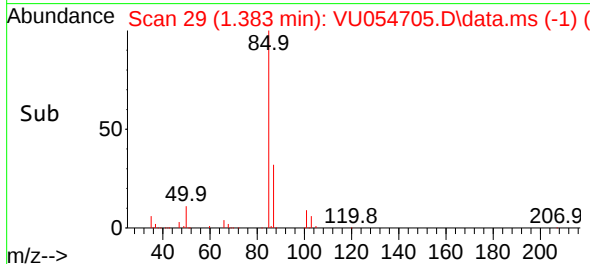
Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



Tgt Ion: 85 Resp: 104260
Ion Ratio Lower Upper
85 100
87 32.3 25.4 38.2

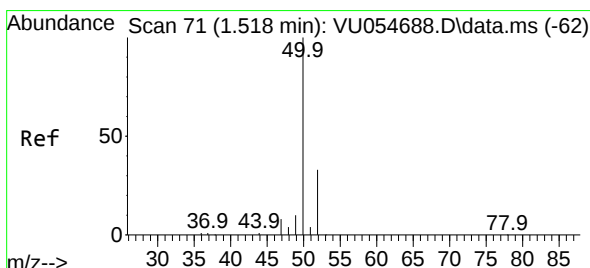
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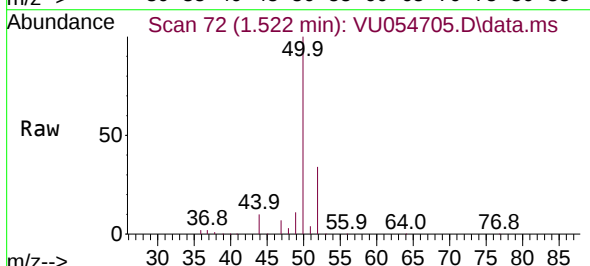


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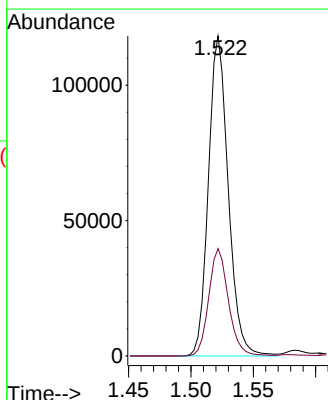
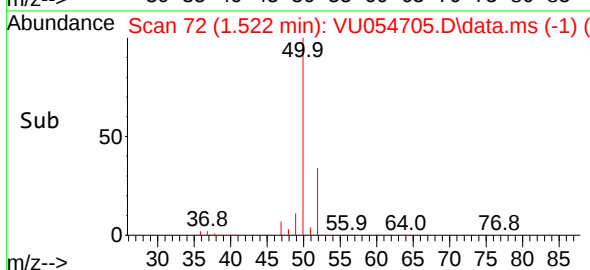
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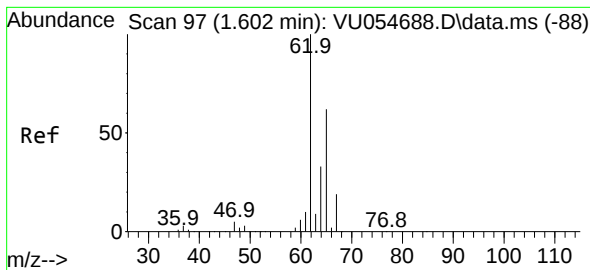


#3
Chloromethane
Concen: 4.124 ug/L
RT: 1.522 min Scan# 72
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14



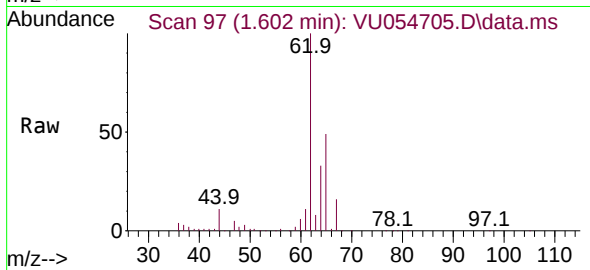
Tgt Ion: 50 Resp: 131017
Ion Ratio Lower Upper
50 100
52 33.6 23.4 43.4





#5
 Vinyl chloride
 Concen: 4.361 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VU054705.D
 Acq: 29 Jun 2023 19:14

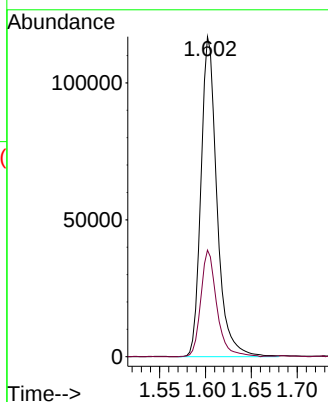
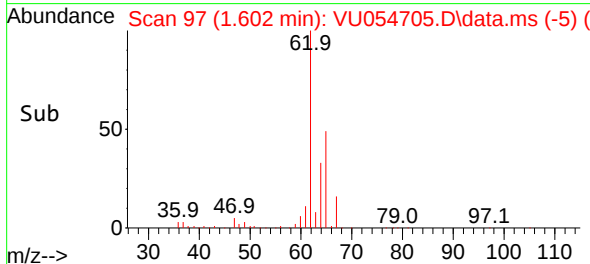
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Tgt Ion: 62 Resp: 142200
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.0 42.6

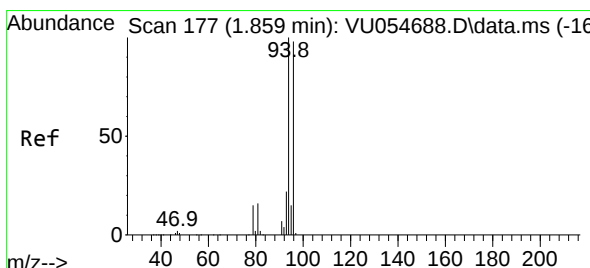
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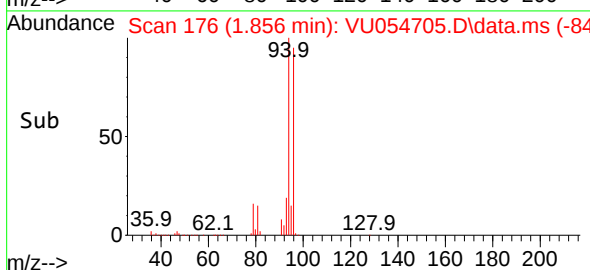
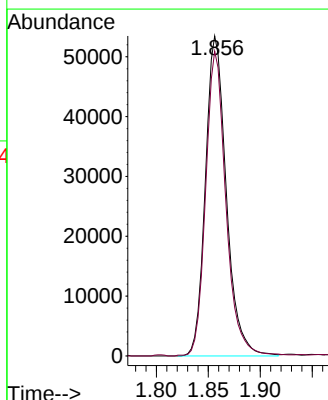
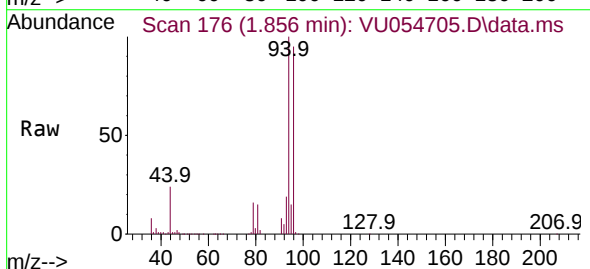
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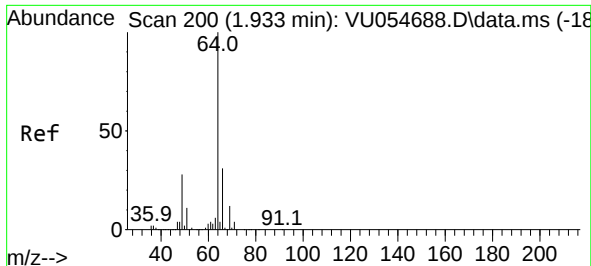
06/30/2023



#6
 Bromomethane
 Concen: 4.173 ug/L
 RT: 1.856 min Scan# 176
 Delta R.T. -0.003 min
 Lab File: VU054705.D
 Acq: 29 Jun 2023 19:14

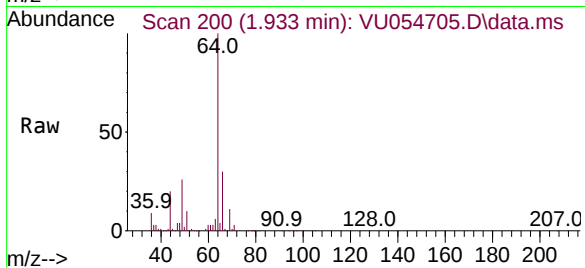
Tgt Ion: 94 Resp: 74806
 Ion Ratio Lower Upper
 94 100
 96 95.3 63.6 118.2





#8
Chloroethane
Concen: 4.760 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

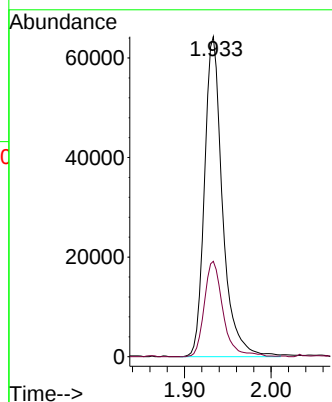
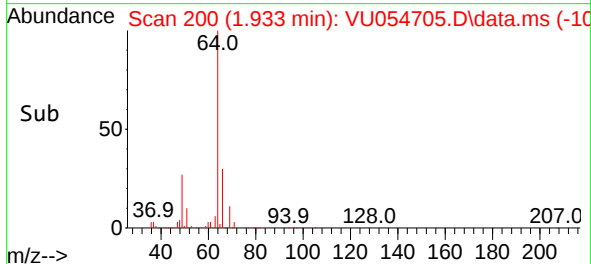
Instrument :
MSVOA_U
Client Sample Id :
HOA42MSD



Tgt Ion: 64 Resp: 93035
Ion Ratio Lower Upper
64 100
66 29.8 22.9 42.5

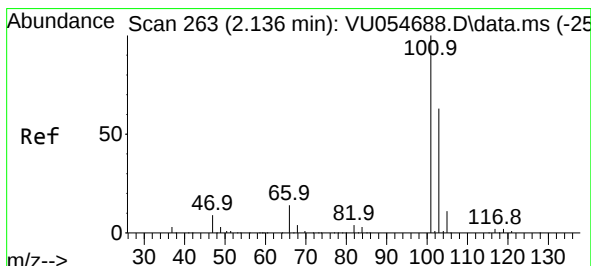
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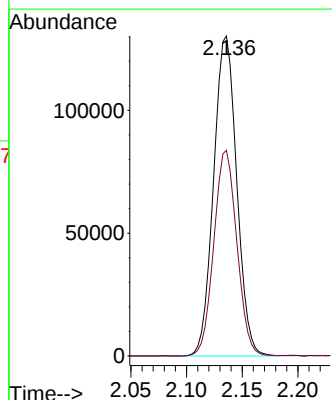
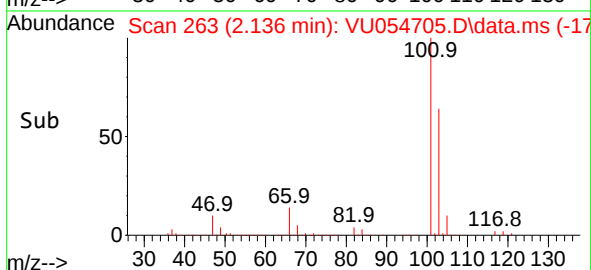
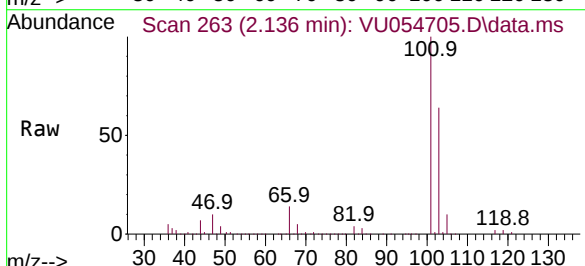
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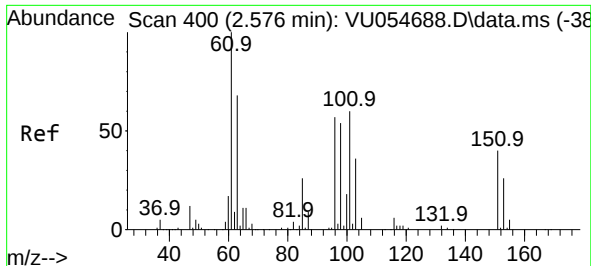
06/30/2023



#9
Trichlorofluoromethane
Concen: 4.701 ug/L
RT: 2.136 min Scan# 263
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion:101 Resp: 188454
Ion Ratio Lower Upper
101 100
103 63.9 50.6 75.8





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.084 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

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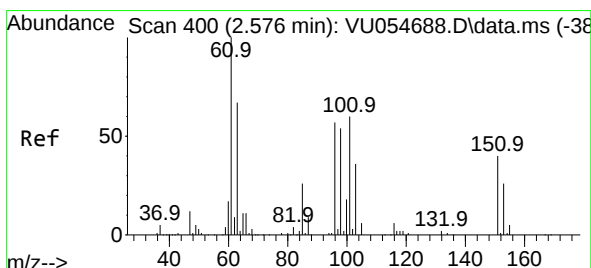
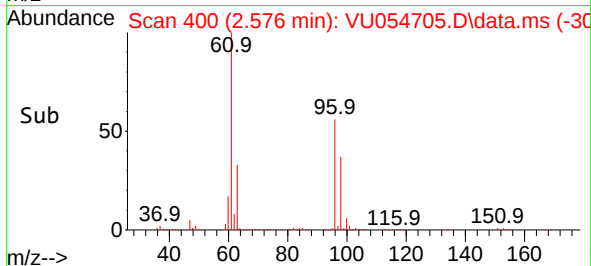
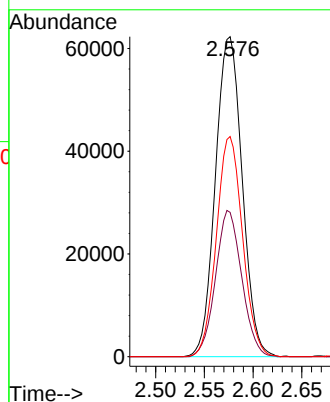
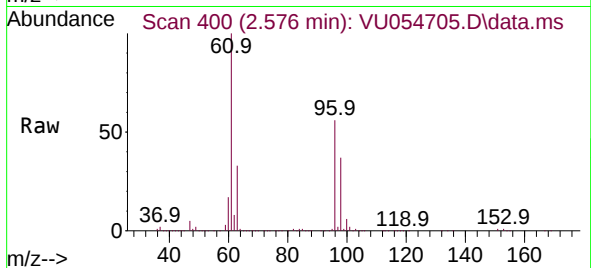
Tgt Ion:101 Resp: 11920
Ion Ratio Lower Upper
101 100
85 44.6 34.6 51.8
151 67.2 57.7 86.5

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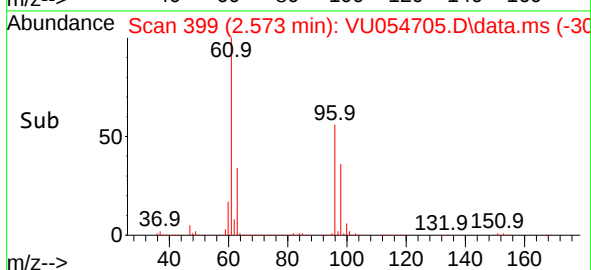
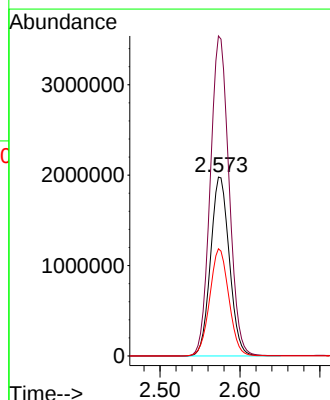
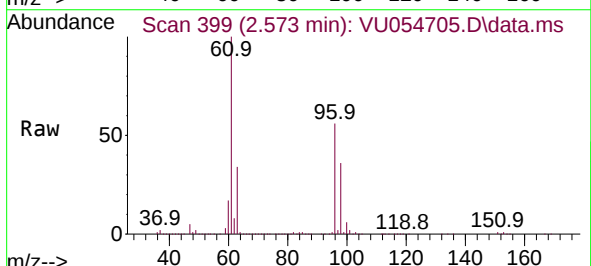
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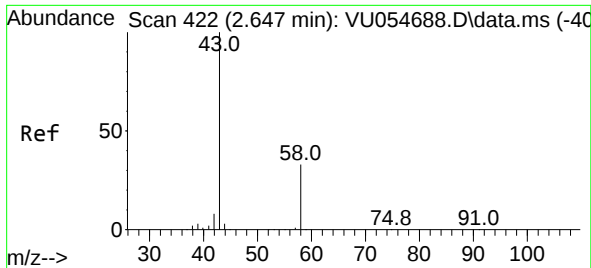
06/30/2023



#12
1,1-Dichloroethene
Concen: 150.190 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.006 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 96 Resp: 3223808
Ion Ratio Lower Upper
96 100
61 178.9 119.9 222.7
63 60.0 64.3 119.3#





#13

Acetone

Concen: 53.903 ug/L

RT: 2.650 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU054705.D

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ClientSampleId :

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Tgt Ion: 43 Resp: 269128

Ion Ratio Lower Upper

43 100

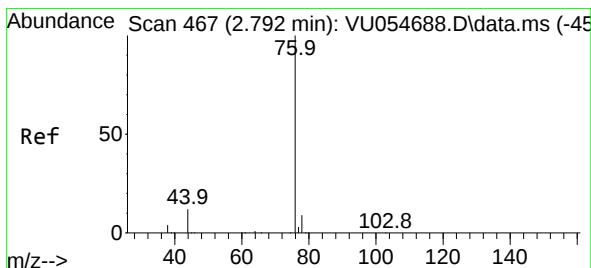
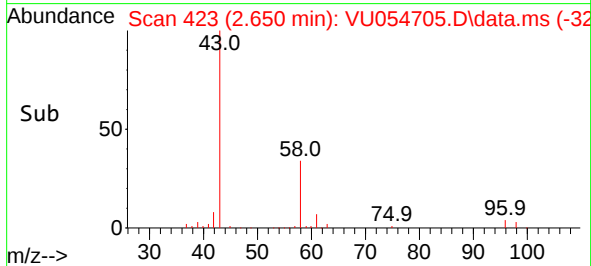
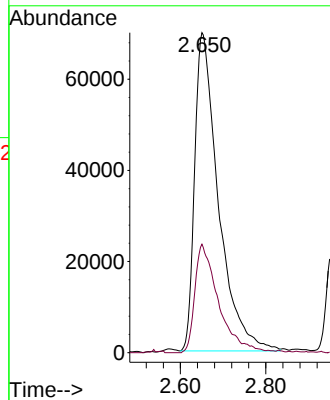
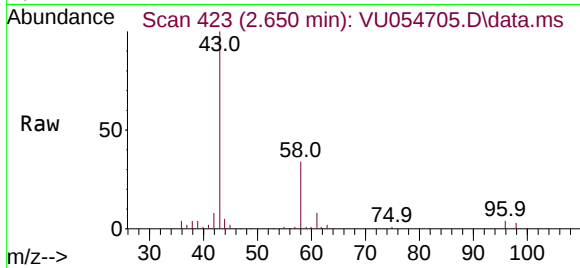
58 33.8 0.0 67.2

Manual Integrations

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Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#14

Carbon disulfide

Concen: 3.745 ug/L

RT: 2.789 min Scan# 466

Delta R.T. -0.003 min

Lab File: VU054705.D

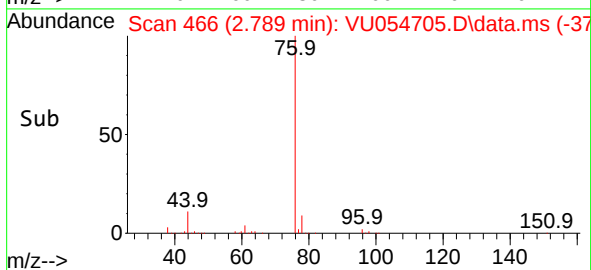
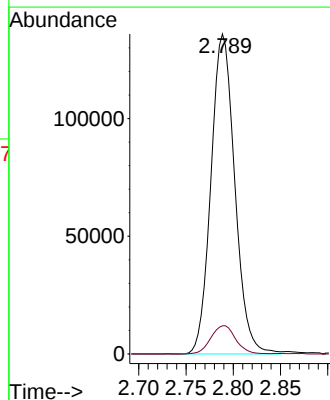
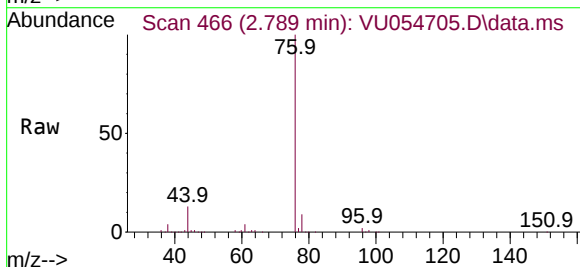
Acq: 29 Jun 2023 19:14

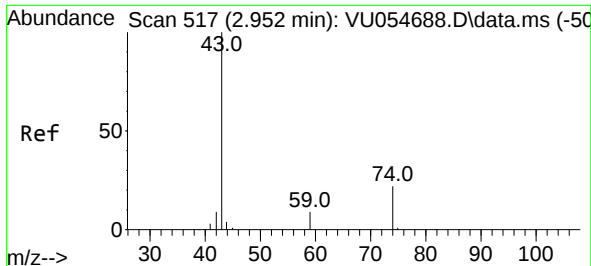
Tgt Ion: 76 Resp: 238406

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0





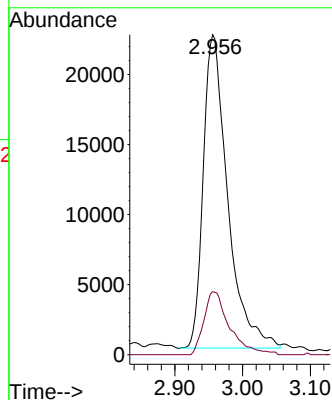
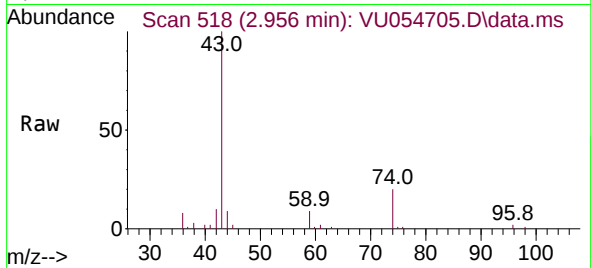
#15
Methyl Acetate
Concen: 6.059 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD

Tgt Ion: 43 Resp: 56062
Ion Ratio Lower Upper
43 100
74 21.0 19.0 28.6

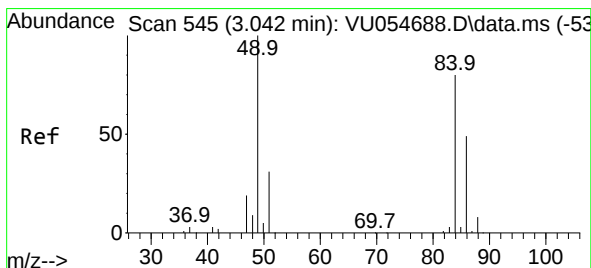
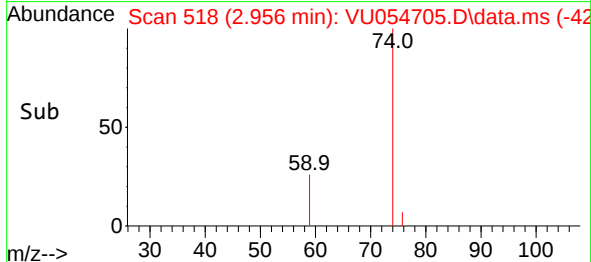
Manual Integrations
APPROVED

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



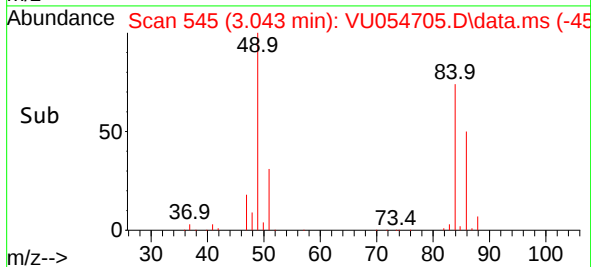
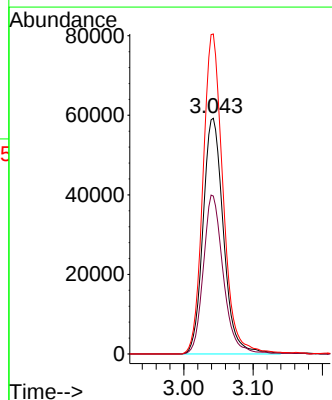
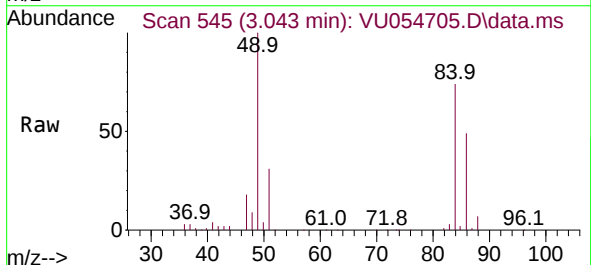
06/30/2023
Supervised By :Mahesh
Dadoda

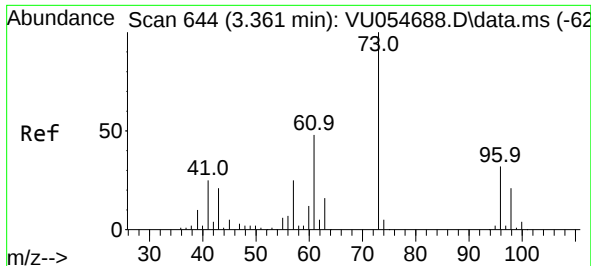
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#16
Methylene chloride
Concen: 4.018 ug/L
RT: 3.043 min Scan# 545
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

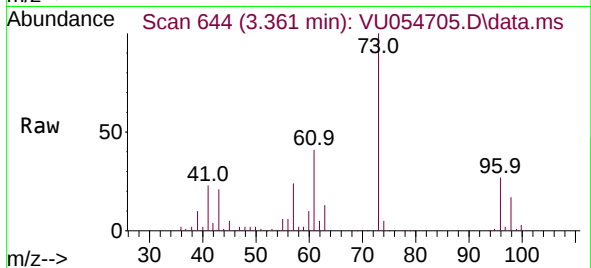
Tgt Ion: 84 Resp: 121271
Ion Ratio Lower Upper
84 100
86 67.1 43.9 81.5
49 135.8 86.1 159.9





#17
Methyl tert-butyl Ether
Concen: 5.354 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



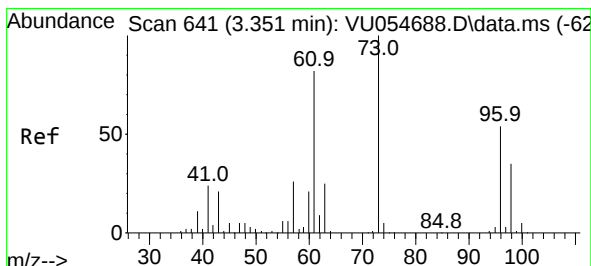
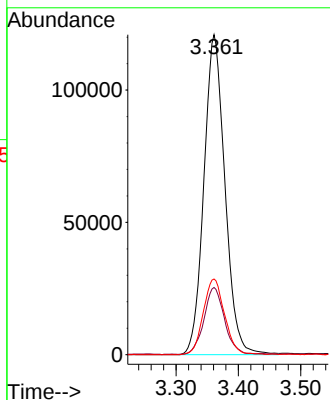
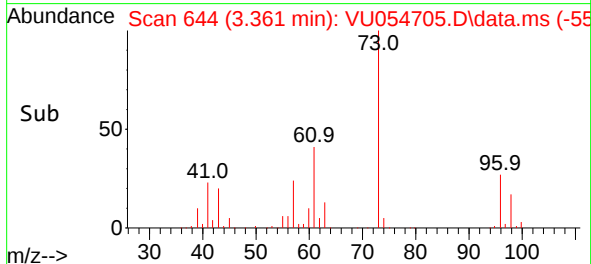
Tgt Ion: 73 Resp: 283639
Ion Ratio Lower Upper
73 100
43 20.3 15.7 23.5
57 23.9 18.6 28.0

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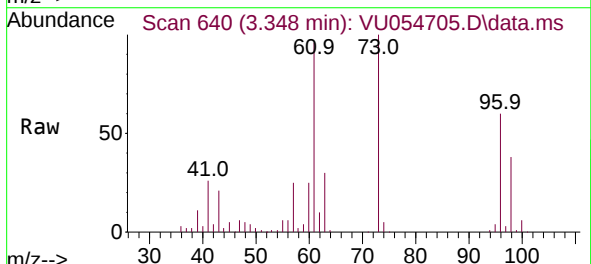
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

06/30/2023
Supervised By :Mahesh
Dadoda

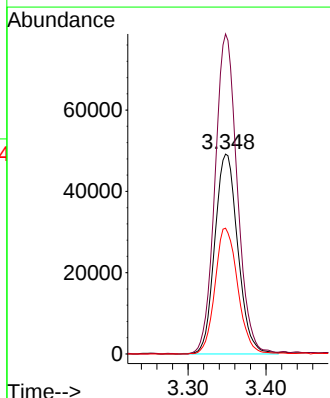
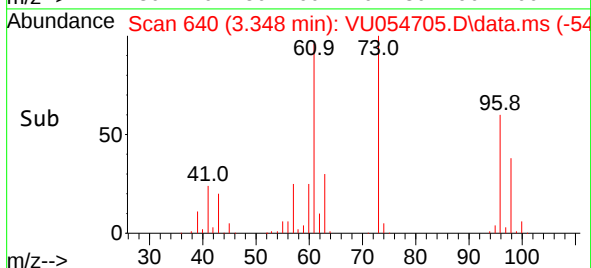
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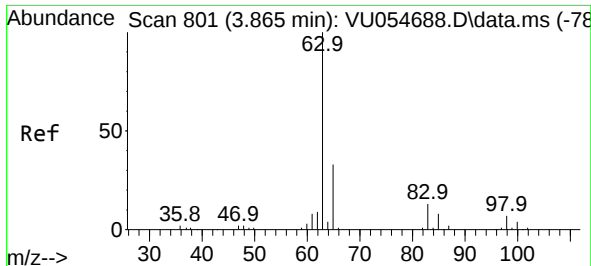


#18
trans-1,2-Dichloroethene
Concen: 4.568 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14



Tgt Ion: 96 Resp: 101231
Ion Ratio Lower Upper
96 100
61 160.1 104.6 194.2
98 62.9 45.4 84.4





#19

1,1-Dichloroethane

Concen: 6.701 ug/L

RT: 3.862 min Scan# 801

Delta R.T. -0.003 min

Lab File: VU054705.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

HOA42MSD

Tgt Ion: 63 Resp: 307320
 Ion Ratio Lower Upper
 63 100
 65 31.8 22.2 41.2
 83 12.8 9.0 16.6

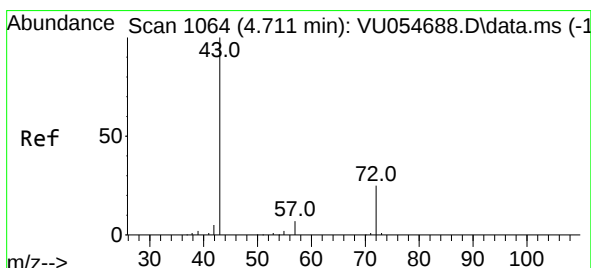
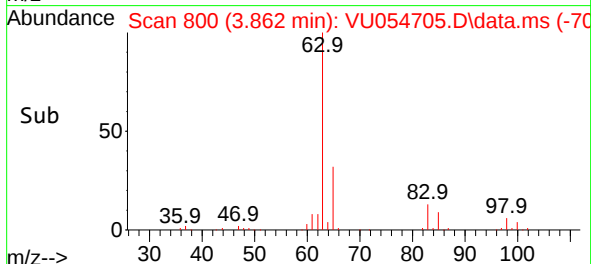
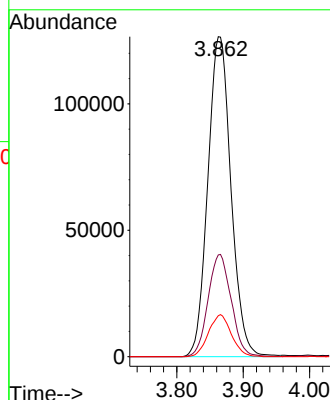
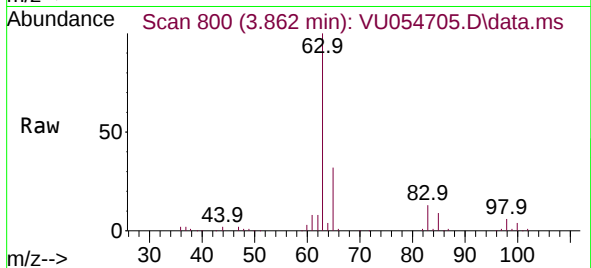
Manual Integrations
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Reviewed By :Krupa Patel 06/30/2023
 Supervised By :Mahesh Dadoda 06/30/2023

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Supervised By :Mahesh
 Dadoda

06/30/2023



#21

2-Butanone

Concen: 61.742 ug/L

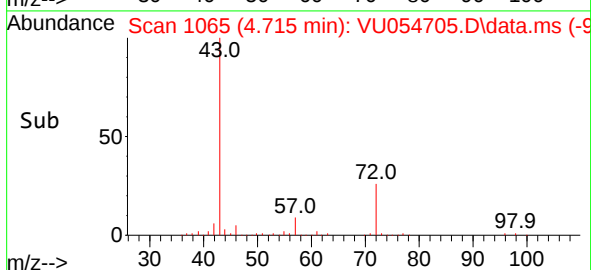
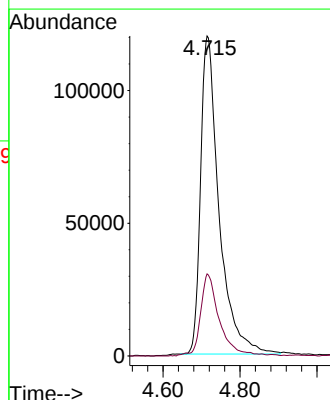
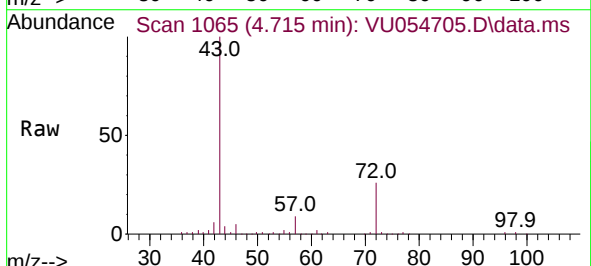
RT: 4.715 min Scan# 1065

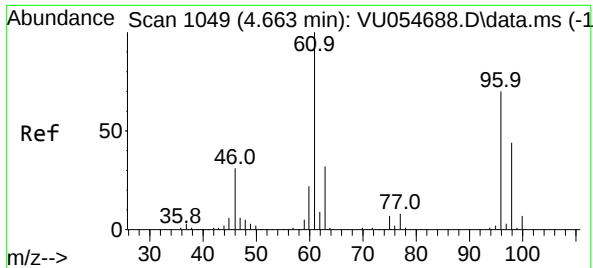
Delta R.T. 0.010 min

Lab File: VU054705.D

Acq: 29 Jun 2023 19:14

Tgt Ion: 43 Resp: 400076
 Ion Ratio Lower Upper
 43 100
 72 24.4 13.4 40.1





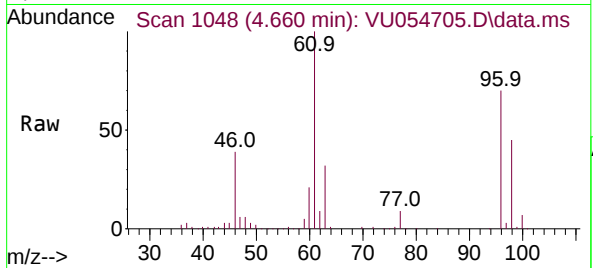
#22
cis-1,2-Dichloroethene
Concen: 9.021 ug/L
RT: 4.660 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

HOA42MSD



Tgt Ion: 96 Resp: 227670
Ion Ratio Lower Upper
96 100
61 143.2 96.5 179.1
98 64.4 44.9 83.3

Manual Integrations

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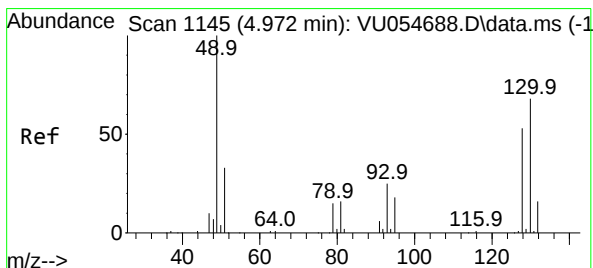
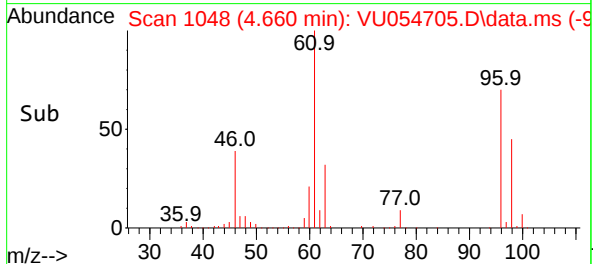
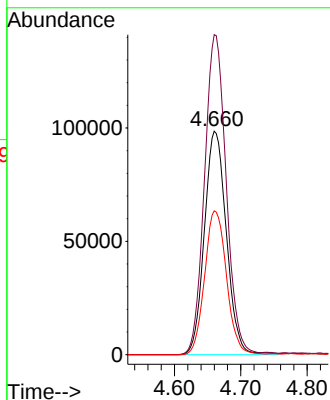
Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023

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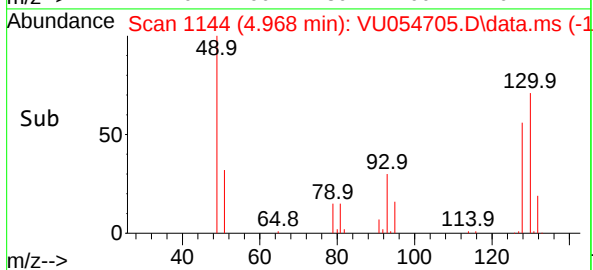
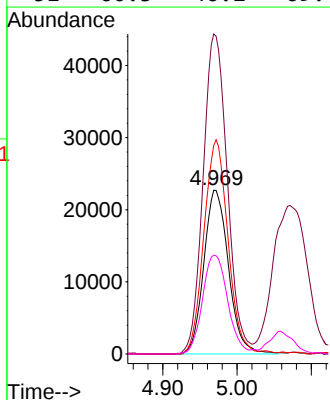
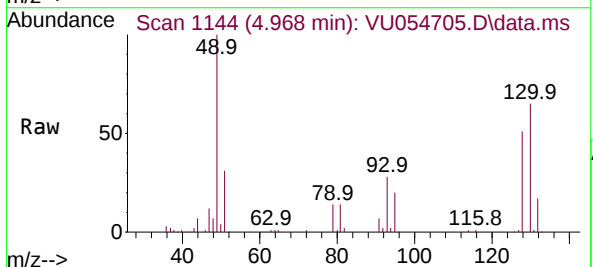
Supervised By :Mahesh
Dadoda

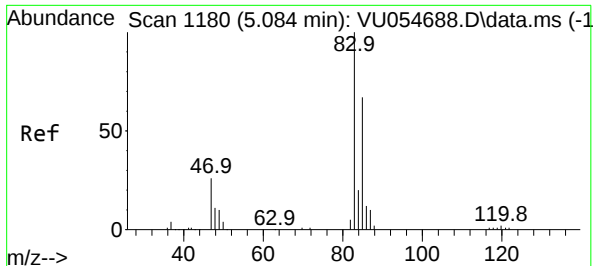
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#23
Bromochloromethane
Concen: 4.996 ug/L
RT: 4.968 min Scan# 1144
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion:128 Resp: 52464
Ion Ratio Lower Upper
128 100
49 195.5 132.1 245.3
130 127.3 91.5 169.9
51 60.3 46.2 69.4





#25

Chloroform

Concen: 9.994 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU054705.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

HOA42MSD

Tgt Ion: 83 Resp: 45186

Ion Ratio Lower Upper

83 100

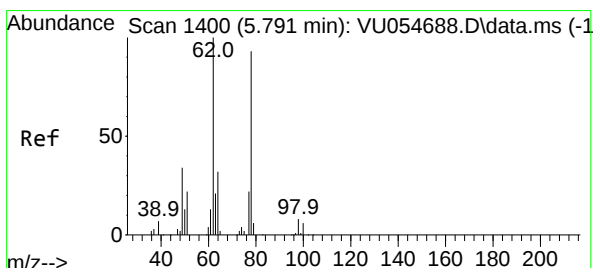
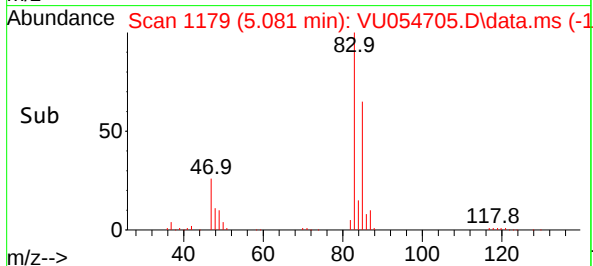
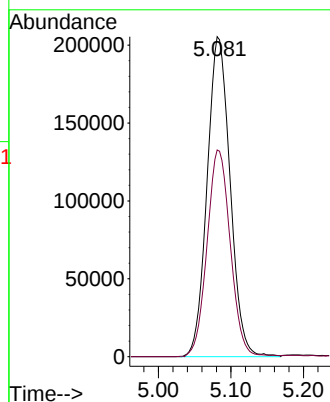
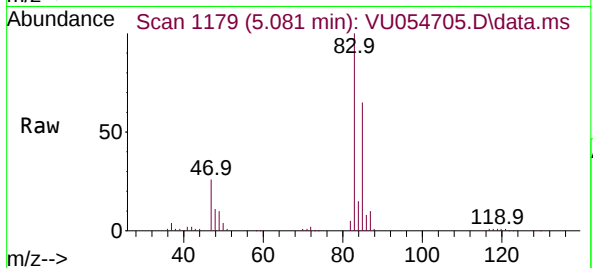
85 64.6 44.7 82.9

Manual Integrations

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Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023



#27

1,2-Dichloroethane

Concen: 5.520 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU054705.D

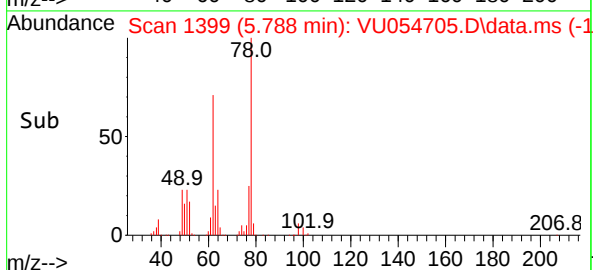
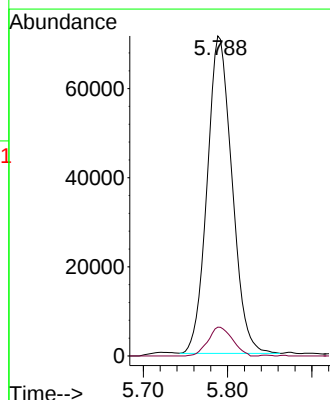
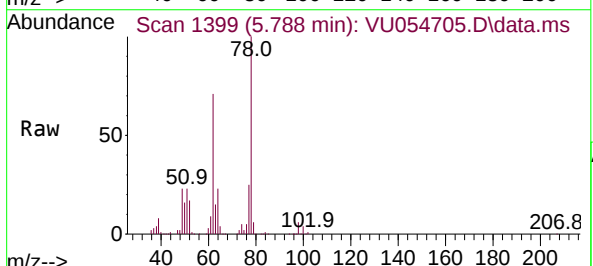
Acq: 29 Jun 2023 19:14

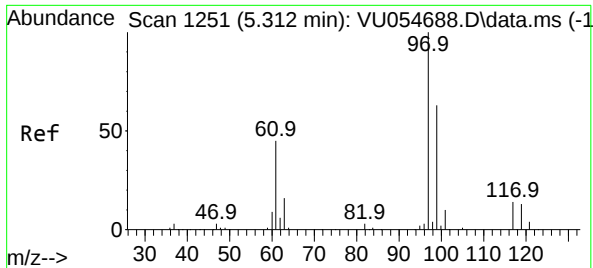
Tgt Ion: 62 Resp: 146297

Ion Ratio Lower Upper

62 100

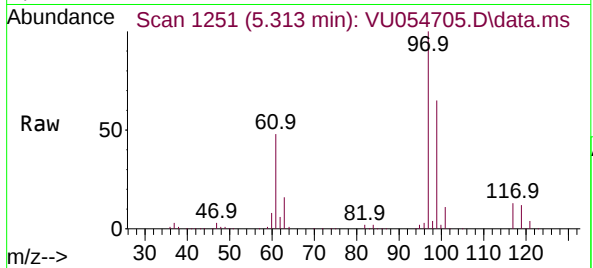
98 9.0 7.8 11.6





#29
1,1,1-Trichloroethane
Concen: 15.374 ug/L
RT: 5.313 min Scan# 1251
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



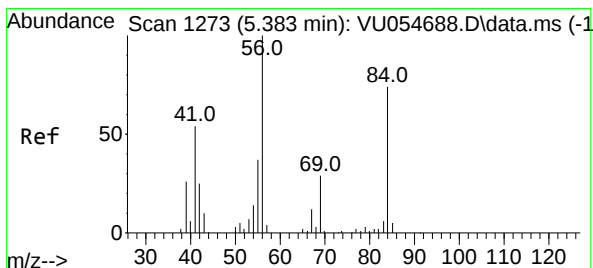
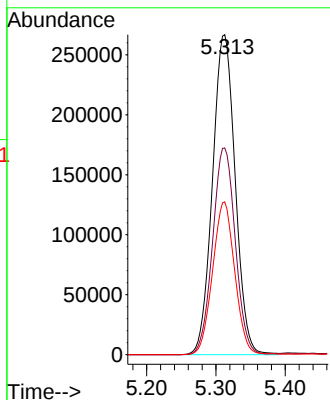
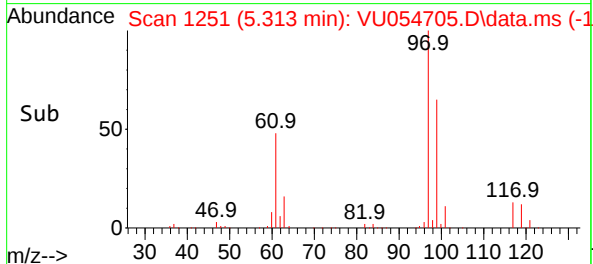
Tgt Ion: 97 Resp: 608962
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 46.6 36.1 54.1

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

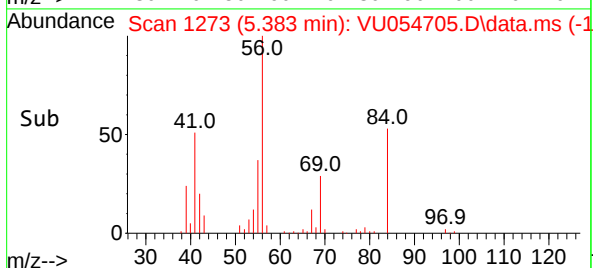
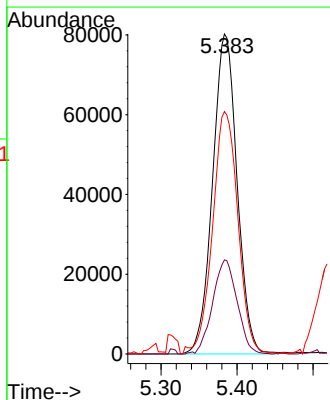
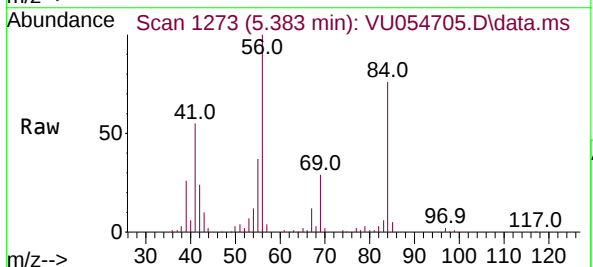
06/30/2023
Supervised By :Mahesh
Dadoda

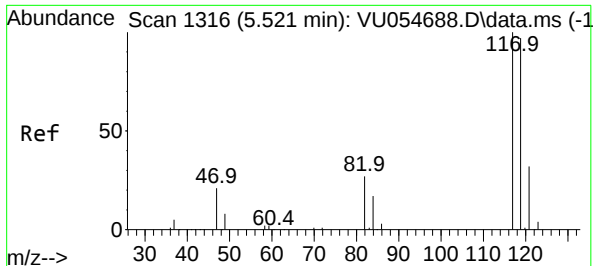
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#30
Cyclohexane
Concen: 4.164 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

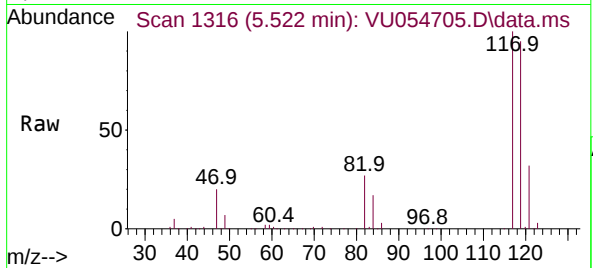
Tgt Ion: 56 Resp: 179623
Ion Ratio Lower Upper
56 100
69 29.3 23.9 35.9
84 78.4 63.0 94.6





#31
Carbon tetrachloride
Concen: 8.507 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

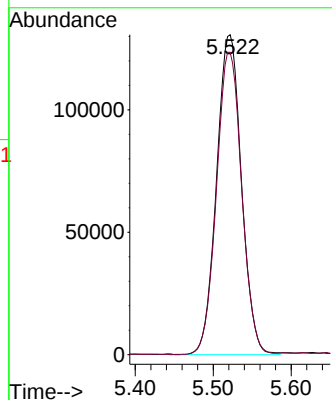
Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



Tgt Ion:117 Resp: 290350
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2

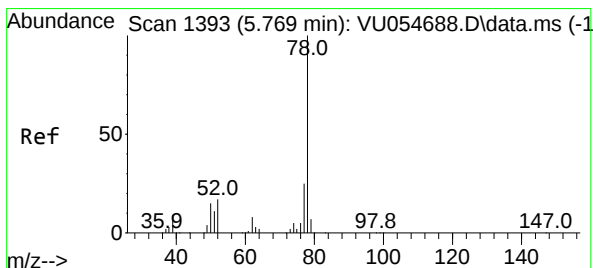
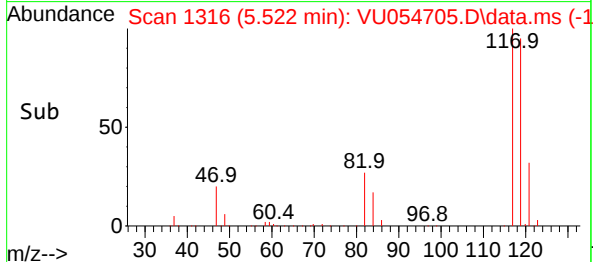
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Supervised By :Mahesh Dadoda 06/30/2023



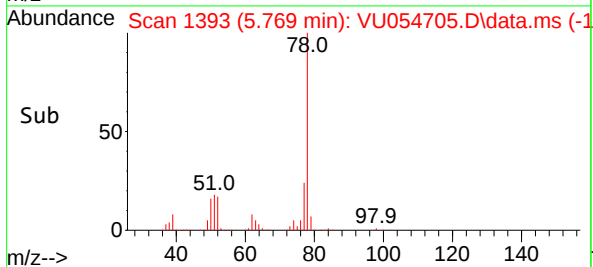
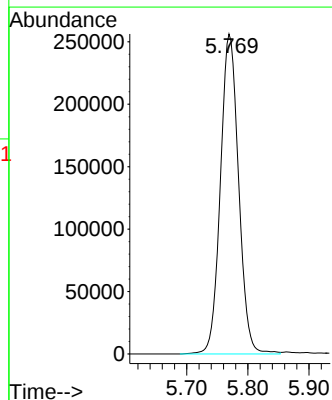
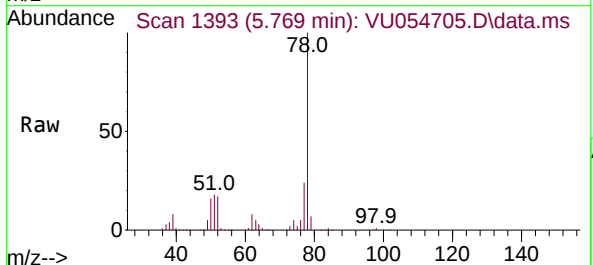
06/30/2023
Supervised By :Mahesh
Dadoda

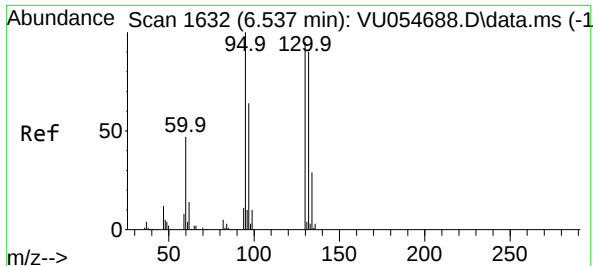
06/30/2023



#33
Benzene
Concen: 5.055 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

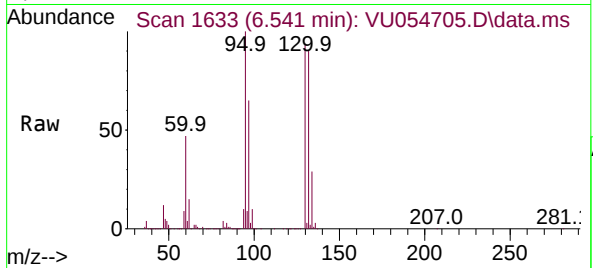
Tgt Ion: 78 Resp: 530664





#34
Trichloroethene
Concen: 392.819 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



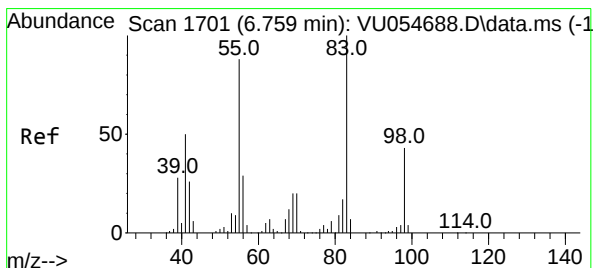
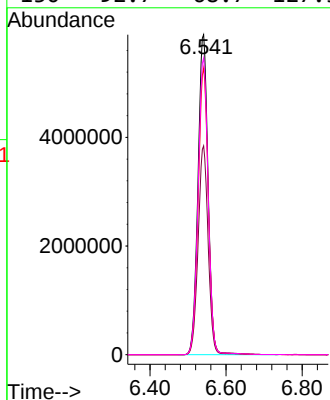
Tgt Ion: 95 Resp: 1090456
Ion Ratio Lower Upper
95 100
97 65.3 46.8 87.0
132 89.6 68.4 127.0
130 92.7 68.7 127.5

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

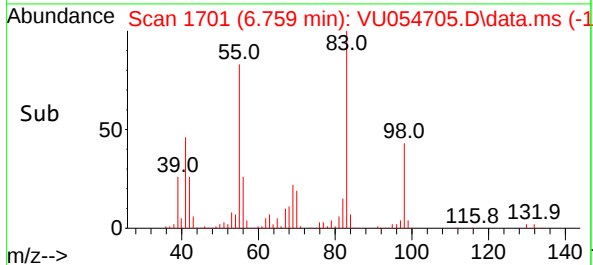
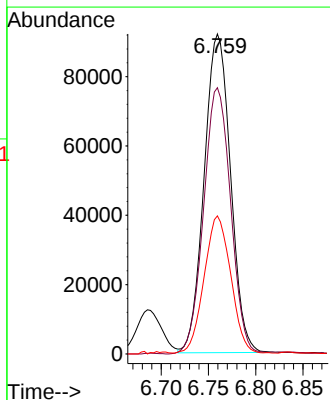
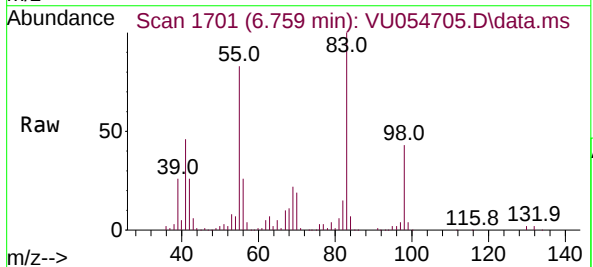
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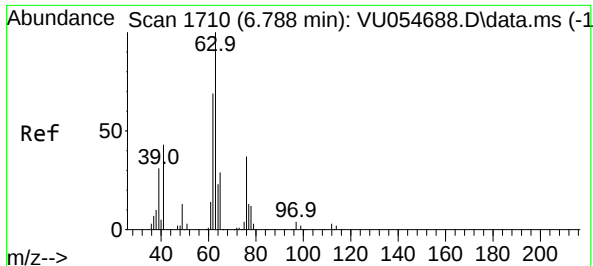
06/30/2023



#35
Methylcyclohexane
Concen: 4.260 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 83 Resp: 178731
Ion Ratio Lower Upper
83 100
55 85.8 67.1 100.7
98 43.2 35.1 52.7





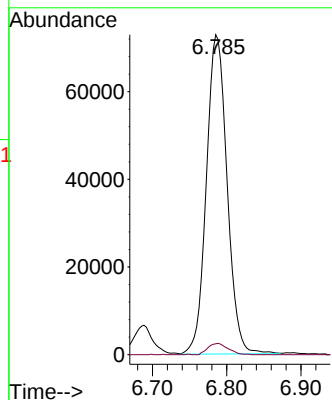
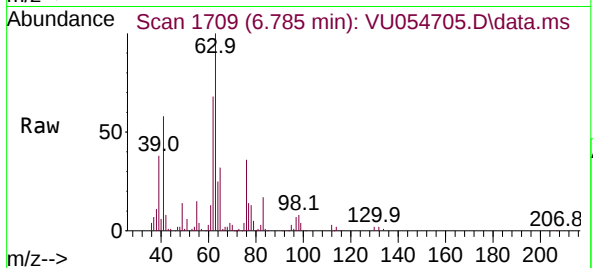
#37
1,2-Dichloropropane
Concen: 4.974 ug/L
RT: 6.785 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD

Tgt Ion: 63 Resp: 141192
Ion Ratio Lower Upper
63 100
112 3.4 3.0 4.6

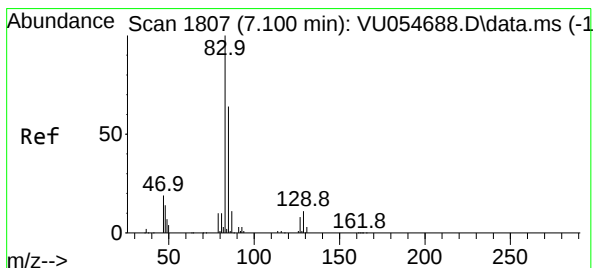
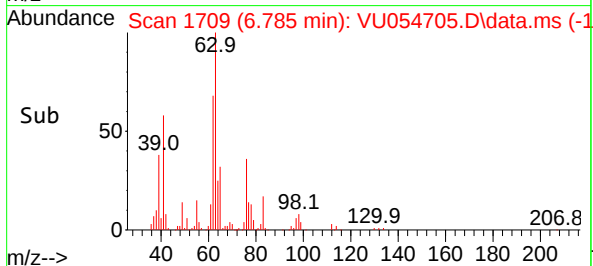
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Supervised By :Mahesh Dadoda 06/30/2023



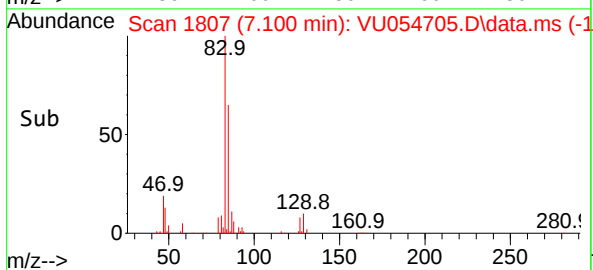
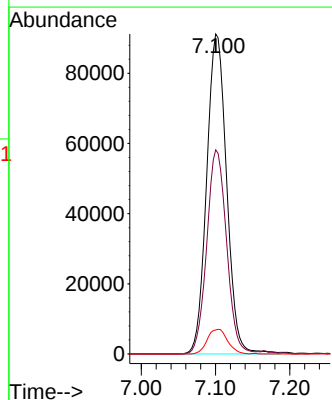
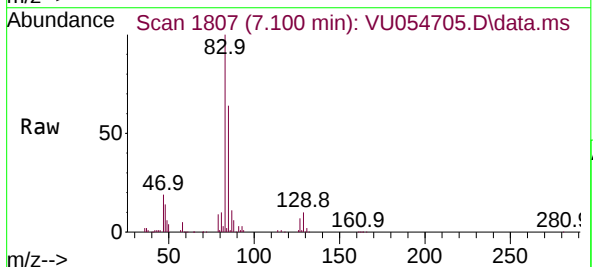
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Dadoda

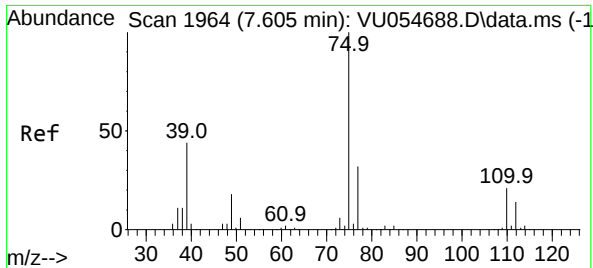
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#38
Bromodichloromethane
Concen: 5.301 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 83 Resp: 170309
Ion Ratio Lower Upper
83 100
85 63.8 44.1 81.9
127 7.5 6.6 10.0





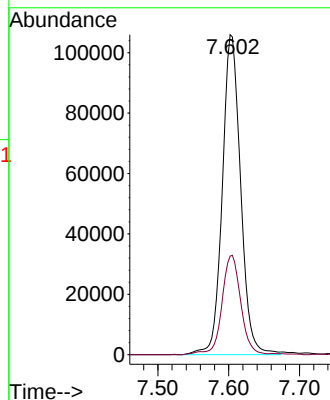
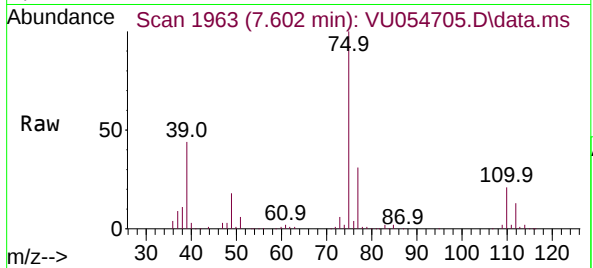
#39
cis-1,3-Dichloropropene
Concen: 4.916 ug/L
RT: 7.602 min Scan# 1964
Delta R.T. -0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD

Tgt Ion: 75 Resp: 190499
Ion Ratio Lower Upper
75 100
77 30.8 22.3 41.5

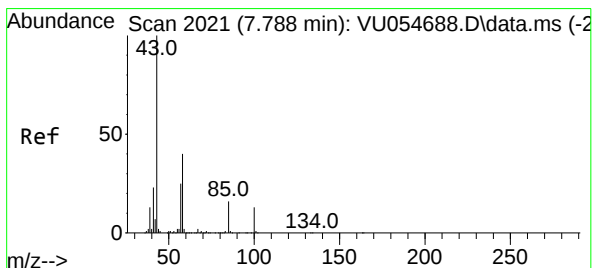
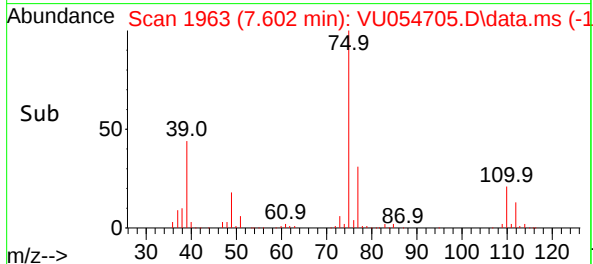
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Supervised By :Mahesh Dadoda 06/30/2023



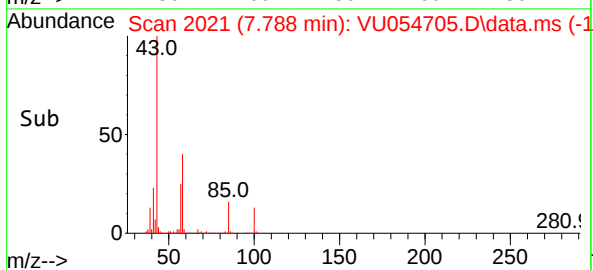
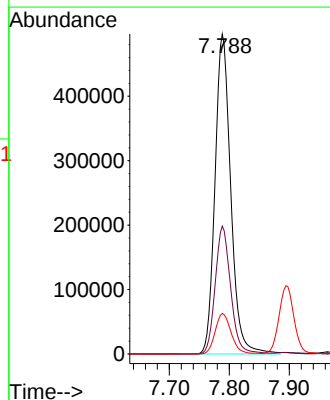
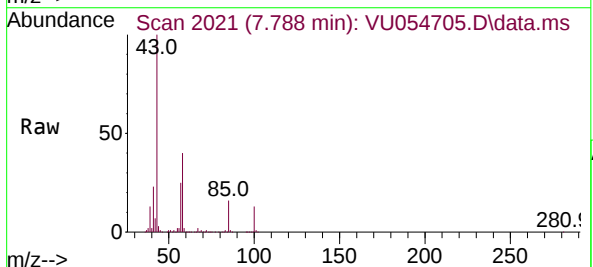
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Dadoda

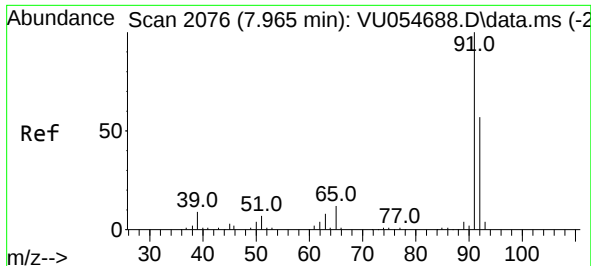
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#40
4-Methyl-2-pentanone
Concen: 59.635 ug/L
RT: 7.788 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion: 43 Resp: 903314
Ion Ratio Lower Upper
43 100
58 39.3 32.4 48.6
100 12.9 11.4 17.2





#42

Toluene

Concen: 4.736 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU054705.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

HOA42MSD

Tgt Ion: 91 Resp: 51198

Ion Ratio Lower Upper

91 100

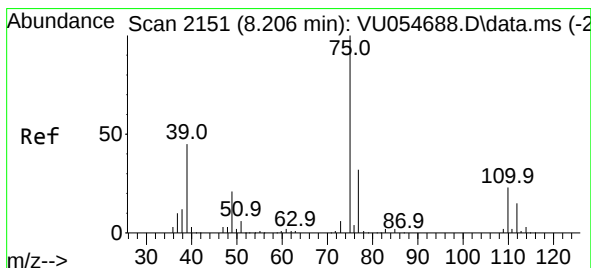
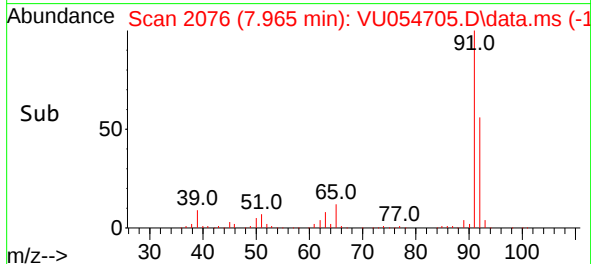
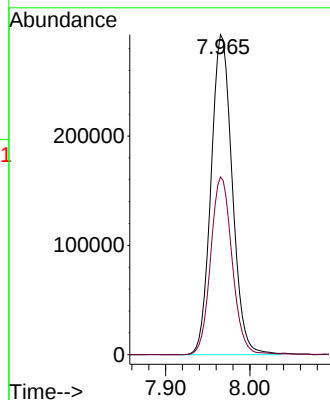
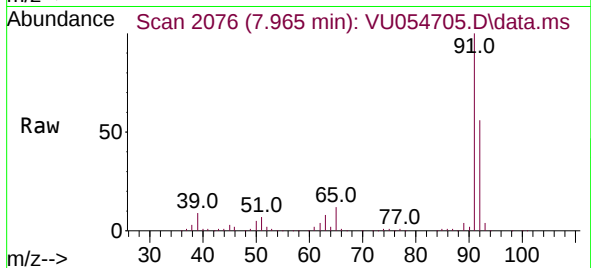
92 55.6 39.5 73.4

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Supervised By :Mahesh Dadoda 06/30/2023



#44

trans-1,3-Dichloropropene

Concen: 5.018 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU054705.D

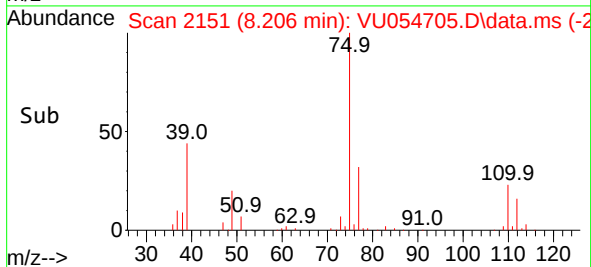
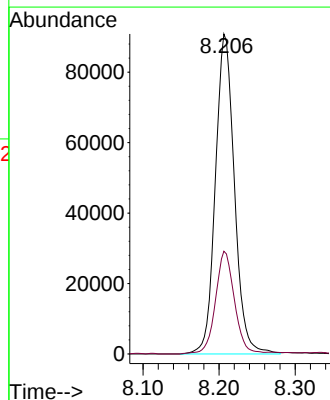
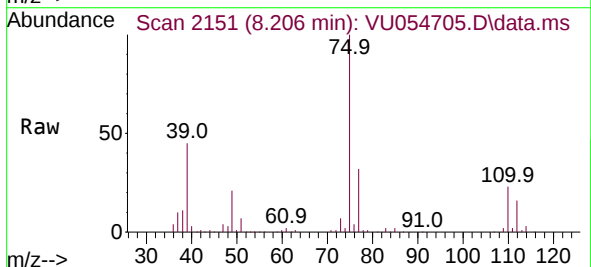
Acq: 29 Jun 2023 19:14

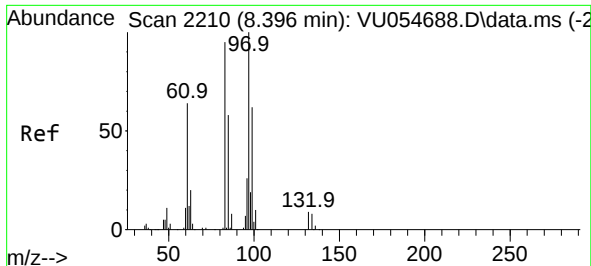
Tgt Ion: 75 Resp: 157809

Ion Ratio Lower Upper

75 100

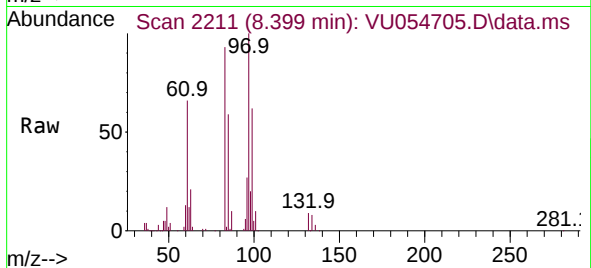
77 32.1 21.3 39.6





#45
1,1,2-Trichloroethane
Concen: 5.847 ug/L
RT: 8.399 min Scan# 2111
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



Tgt Ion: 97 Resp: 105584

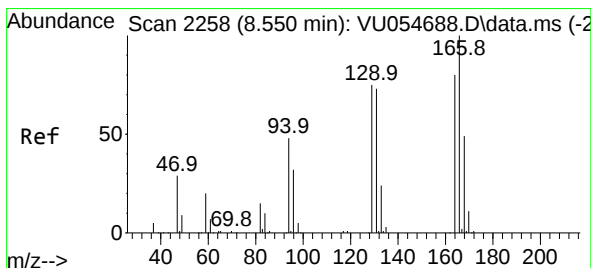
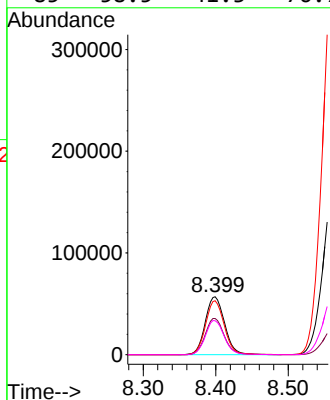
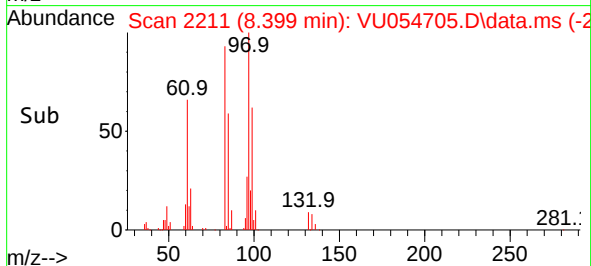
Ion	Ratio	Lower	Upper
97	100		
99	62.4	43.0	80.0
83	93.2	63.8	118.6
85	58.5	41.3	76.7

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Supervised By :Mahesh Dadoda 06/30/2023

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Supervised By :Mahesh
Dadoda

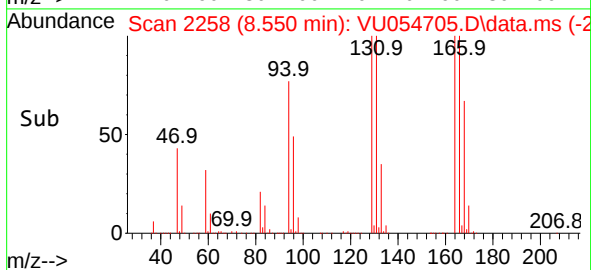
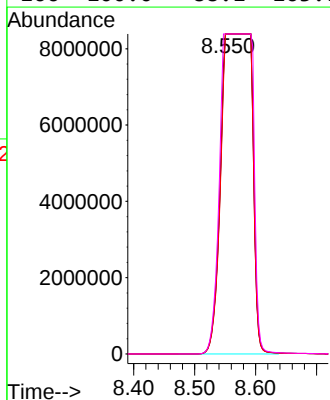
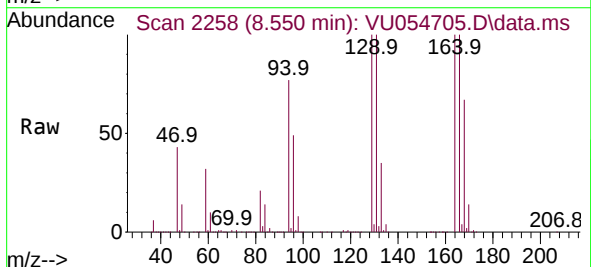
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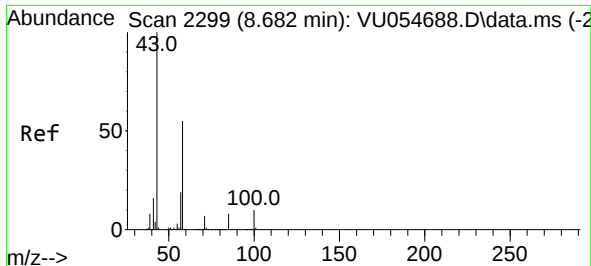


#47
Tetrachloroethene
Concen: 1385.012 ug/L m
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion:164 Resp:29430525

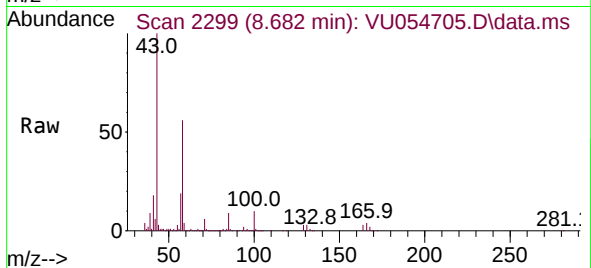
Ion	Ratio	Lower	Upper
164	100		
129	100.0	67.7	125.7
131	100.0	64.6	120.0
166	100.0	88.1	163.7





#48
2-Hexanone
Concen: 60.025 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



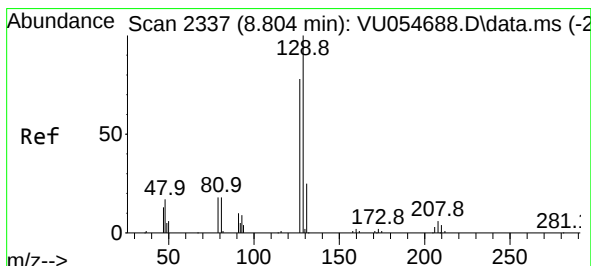
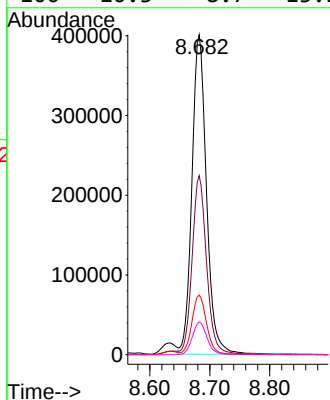
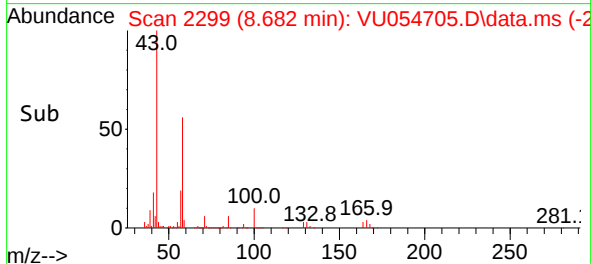
Tgt Ion: 43 Resp: 677468
Ion Ratio Lower Upper
43 100
58 55.7 45.2 67.8
57 18.8 15.8 23.6
100 10.3 8.7 13.1

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Supervised By :Mahesh Dadoda 06/30/2023

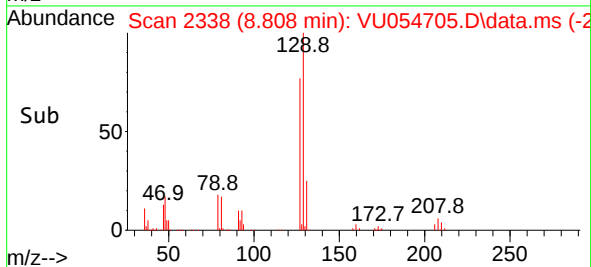
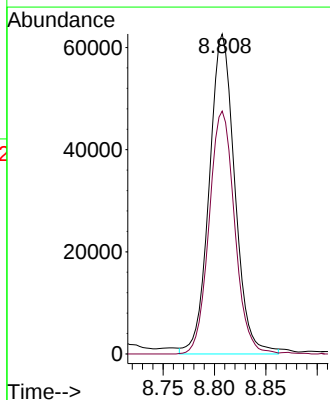
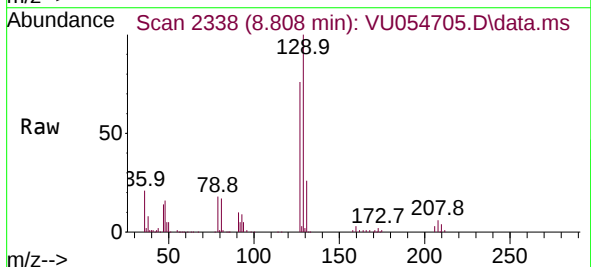
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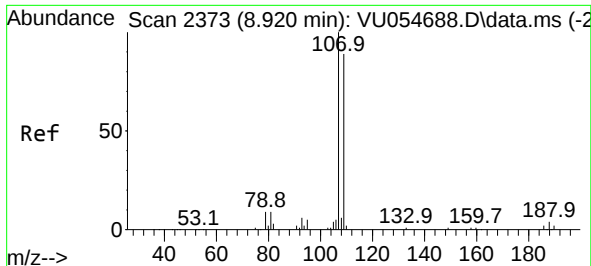
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#49
Dibromochloromethane
Concen: 5.716 ug/L m
RT: 8.808 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion:129 Resp: 108368
Ion Ratio Lower Upper
129 100
127 75.9 53.2 98.8





#50

1,2-Dibromoethane

Concen: 5.255 ug/L

RT: 8.920 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054705.D

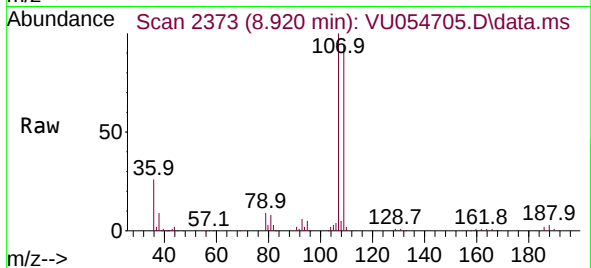
Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

HOA42MSD



Tgt Ion:	107	Resp:	87118
Ion Ratio	Lower	Upper	
107	100		
109	94.3	66.6	123.6
188	3.0	3.1	4.7

Manual Integrations

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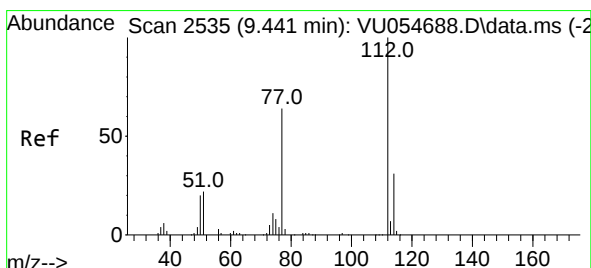
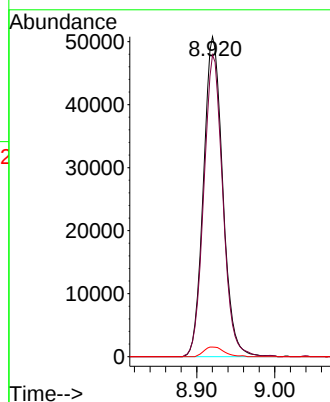
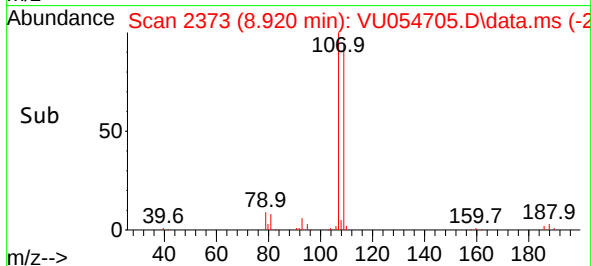
Reviewed By :Krupa Patel 06/30/2023

Supervised By :Mahesh Dadoda 06/30/2023

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Supervised By :Mahesh
Dadoda

06/30/2023



#51

Chlorobenzene

Concen: 4.760 ug/L

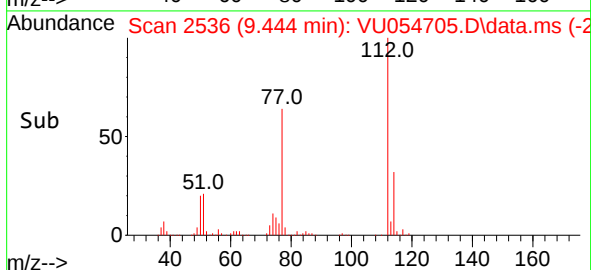
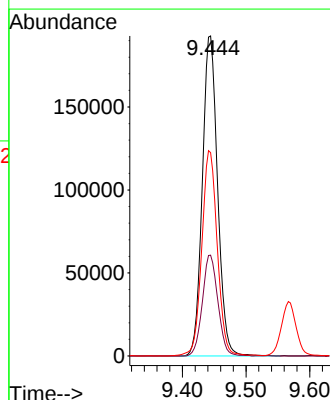
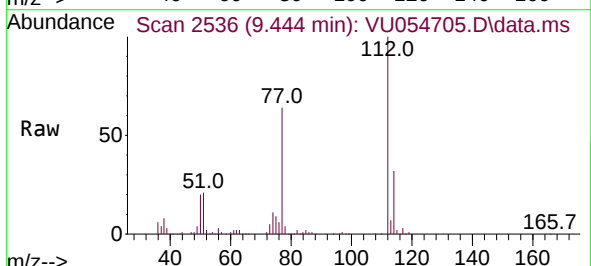
RT: 9.444 min Scan# 2536

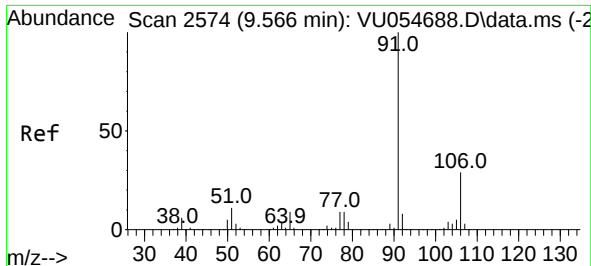
Delta R.T. 0.000 min

Lab File: VU054705.D

Acq: 29 Jun 2023 19:14

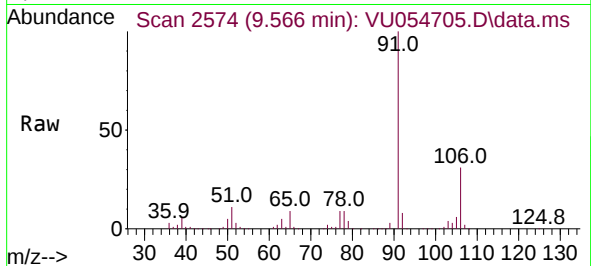
Tgt Ion:	112	Resp:	320753
Ion Ratio	Lower	Upper	
112	100		
114	31.5	22.7	42.1
77	63.6	49.8	74.8





#52
Ethylbenzene
Concen: 4.686 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

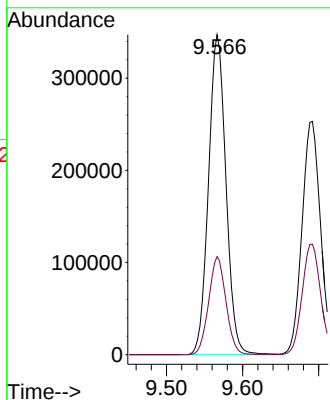
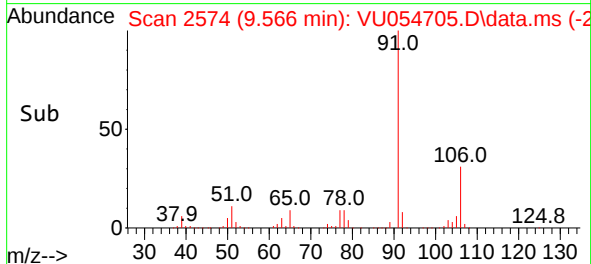
Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



Tgt Ion: 91 Resp: 553229
Ion Ratio Lower Upper
91 100
106 30.6 21.1 39.3

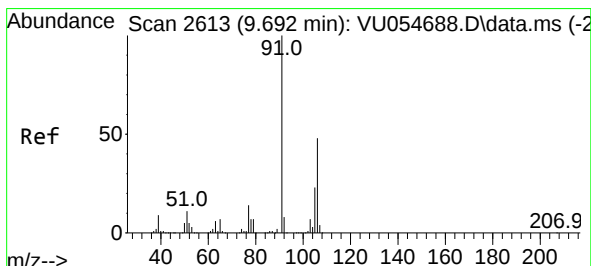
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Supervised By :Mahesh Dadoda 06/30/2023

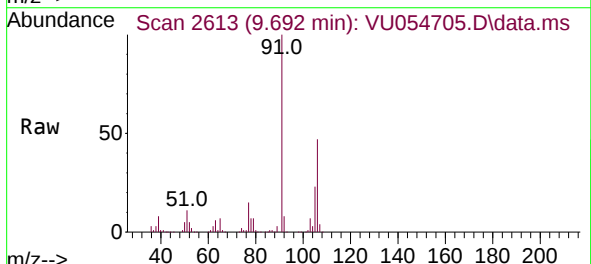


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Supervised By :Mahesh
Dadoda

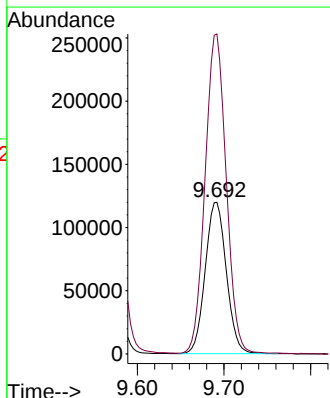
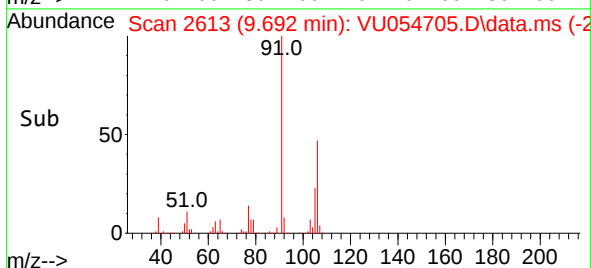
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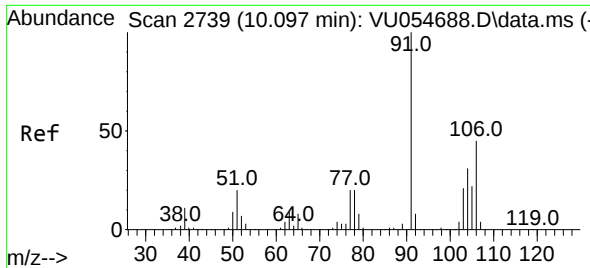


#53
m,p-Xylene
Concen: 4.678 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14



Tgt Ion:106 Resp: 202912
Ion Ratio Lower Upper
106 100
91 210.9 147.0 273.0





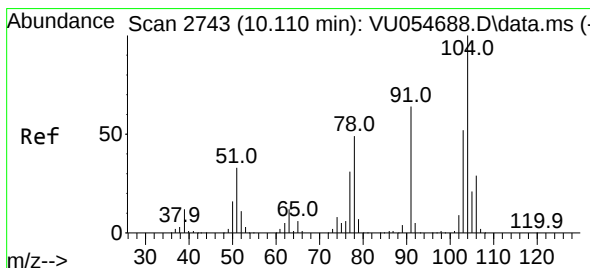
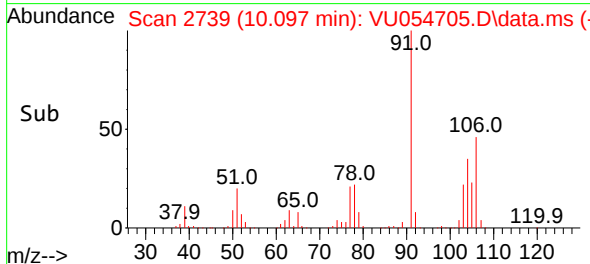
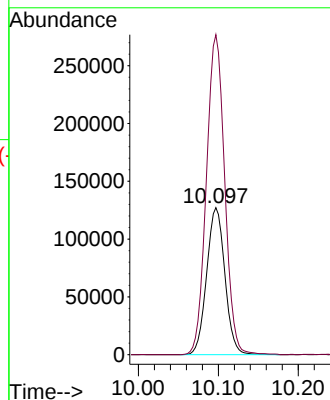
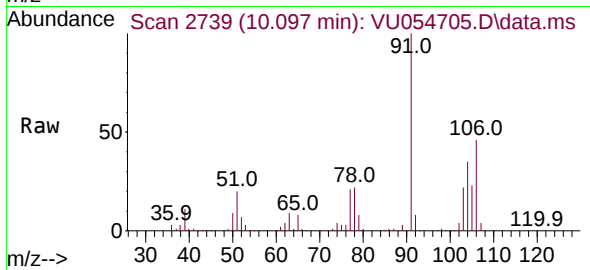
#54
o-Xylene
Concen: 4.825 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD

Tgt Ion:106 Resp: 202384
Ion Ratio Lower Upper
106 100
91 217.7 154.5 286.9

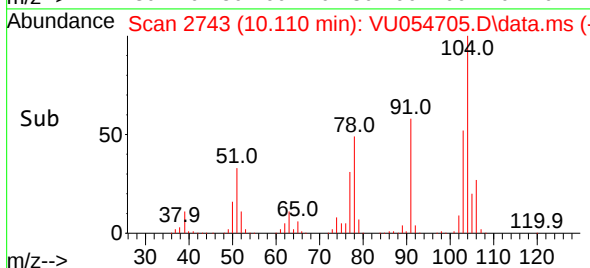
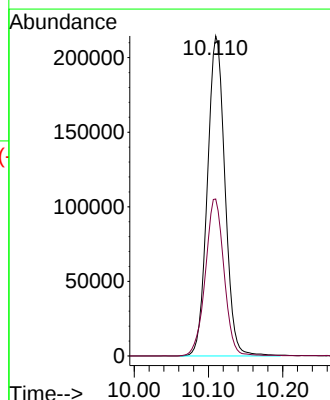
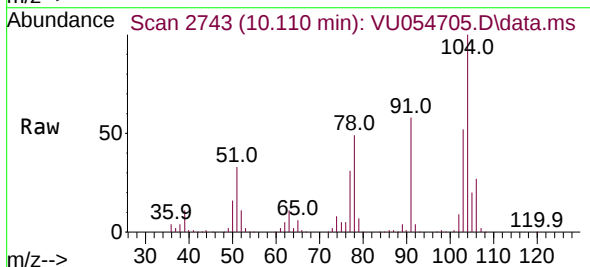
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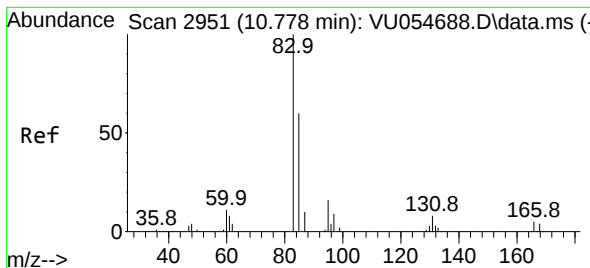
Reviewed By :Krupa Patel 06/30/2023
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#55
Styrene
Concen: 5.003 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

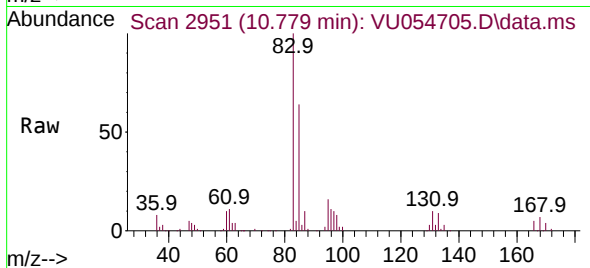
Tgt Ion:104 Resp: 352235
Ion Ratio Lower Upper
104 100
78 49.1 33.0 61.4





#57
1,1,2,2-Tetrachloroethane
Concen: 5.564 ug/L
RT: 10.779 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



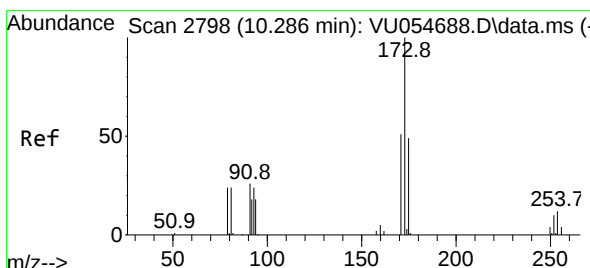
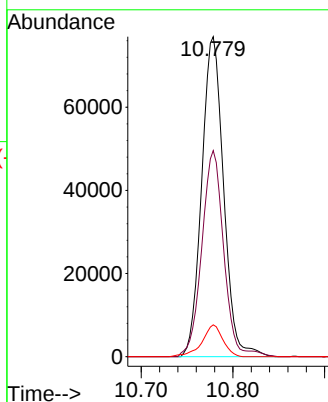
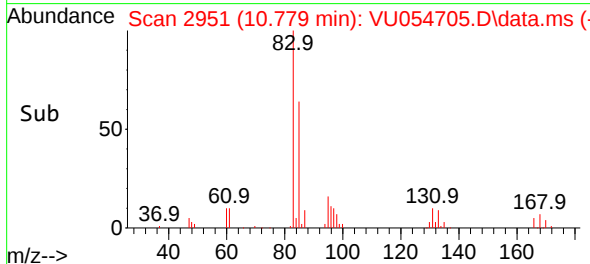
Tgt Ion: 83 Resp: 127608
Ion Ratio Lower Upper
83 100
85 64.4 44.2 82.2
131 10.0 7.0 10.6

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Supervised By :Mahesh Dadoda 06/30/2023

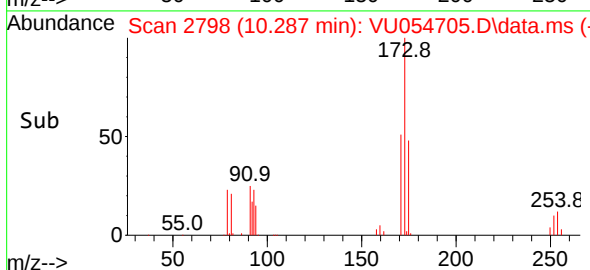
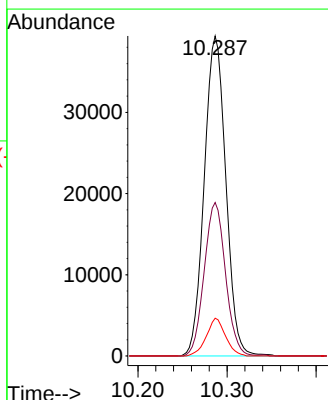
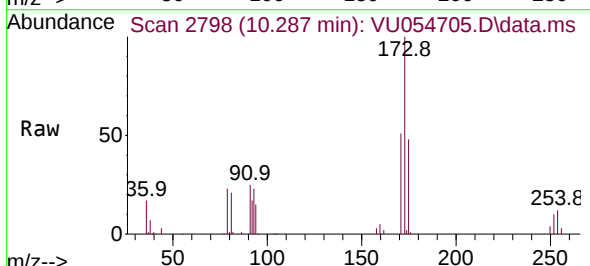
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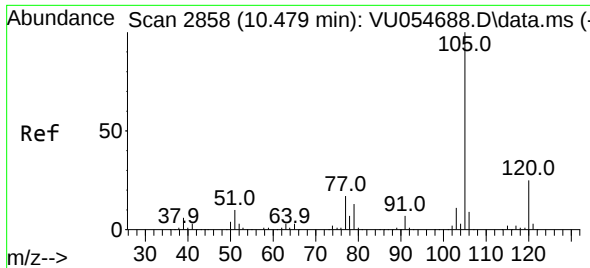
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#59
Bromoform
Concen: 6.135 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

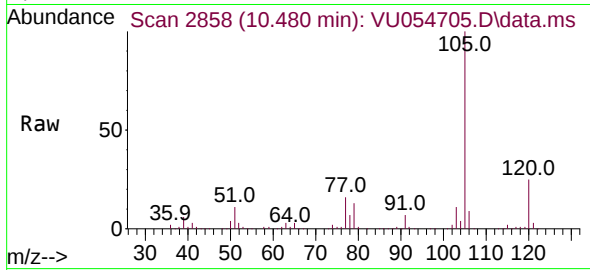
Tgt Ion:173 Resp: 66116
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.0
254 10.5 8.6 12.8





#60
Isopropylbenzene
Concen: 4.971 ug/L
RT: 10.480 min Scan# 2858
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



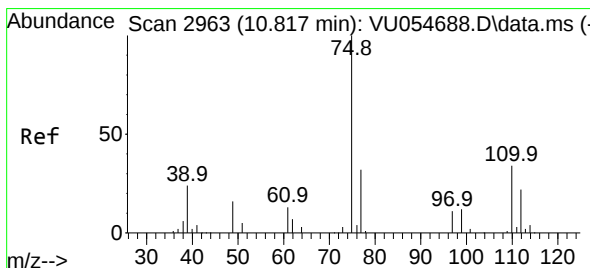
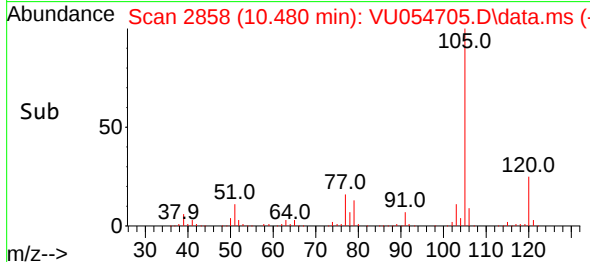
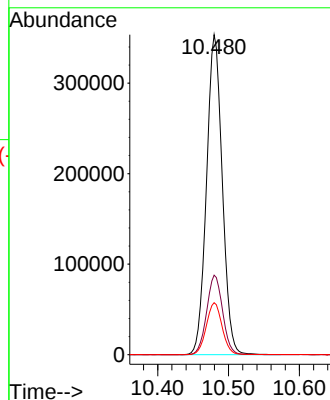
Tgt Ion:105 Resp: 54588
Ion Ratio Lower Upper
105 100
120 25.2 20.9 31.3
77 16.3 13.2 19.8

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Supervised By :Mahesh Dadoda 06/30/2023

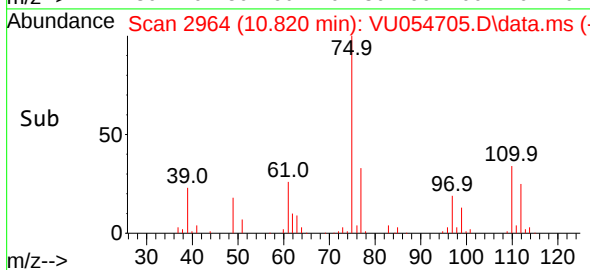
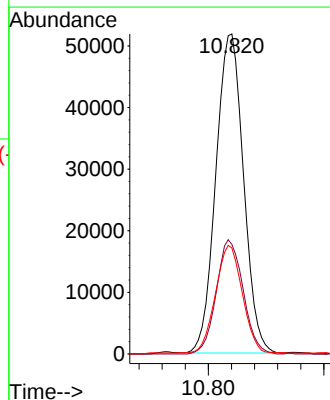
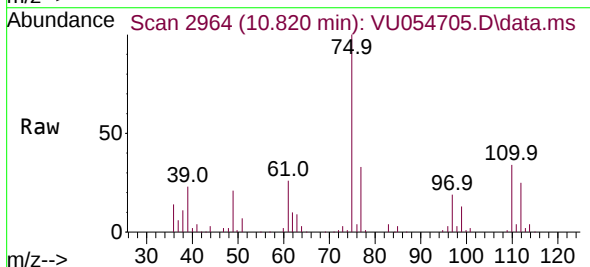
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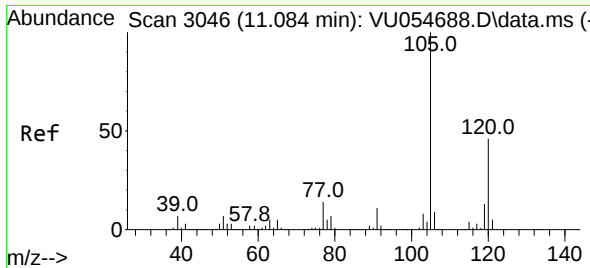
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#61
1,2,3-Trichloropropane
Concen: 5.679 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

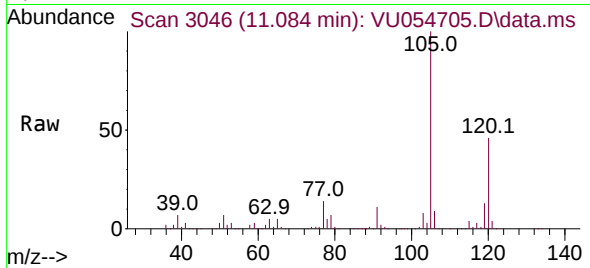
Tgt Ion: 75 Resp: 86150
Ion Ratio Lower Upper
75 100
110 34.7 28.0 42.0
77 32.9 25.4 38.2





#62
1,3,5-Trimethylbenzene
Concen: 4.815 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

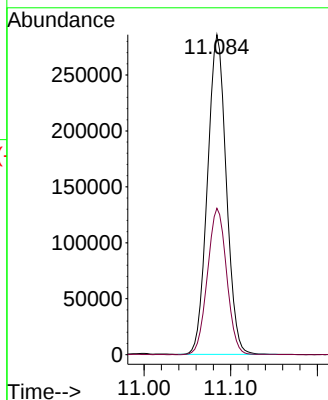
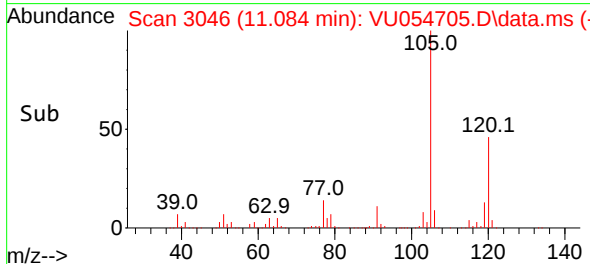
Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



Tgt Ion:105 Resp: 431454
Ion Ratio Lower Upper
105 100
120 46.7 37.9 56.9

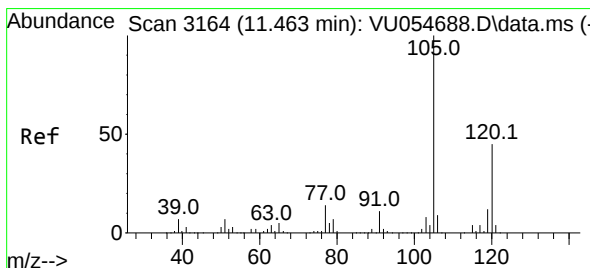
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Supervised By :Mahesh Dadoda 06/30/2023

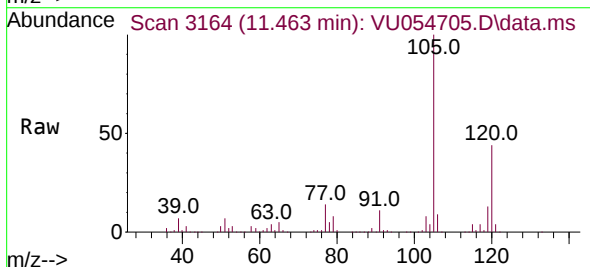


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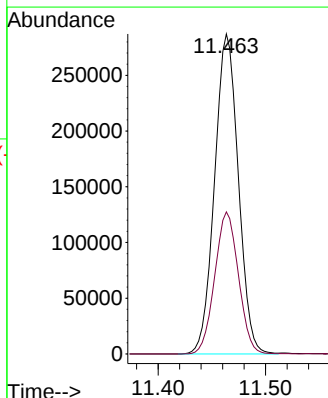
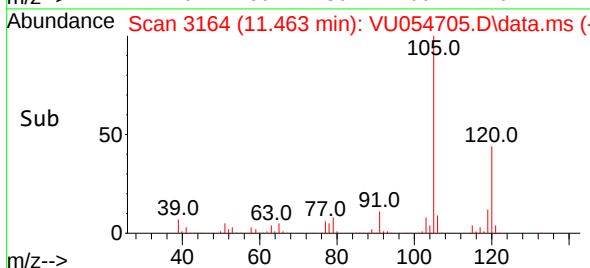
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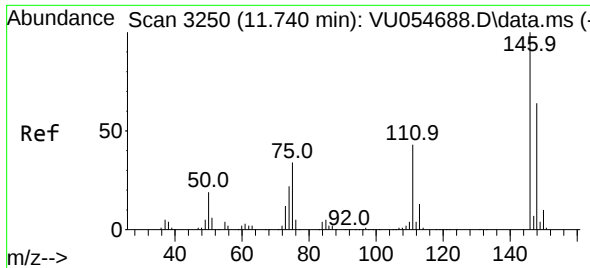


#63
1,2,4-Trimethylbenzene
Concen: 4.840 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14



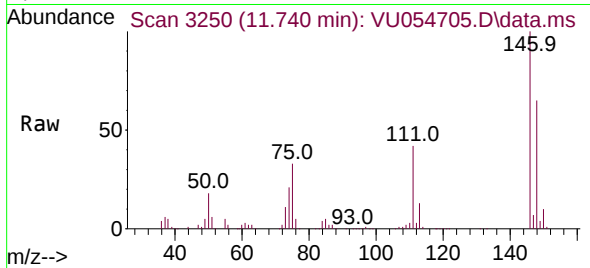
Tgt Ion:105 Resp: 440444
Ion Ratio Lower Upper
105 100
120 44.3 35.4 53.0





#64
1,3-Dichlorobenzene
Concen: 5.492 ug/L
RT: 11.740 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



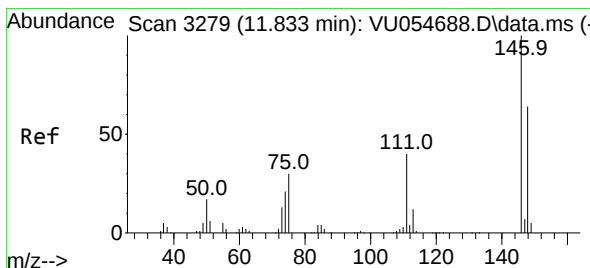
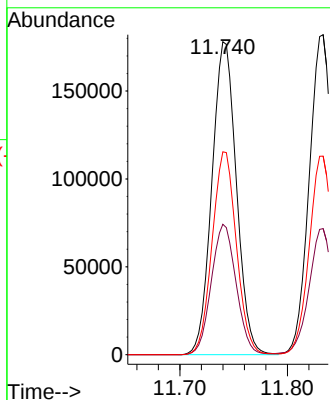
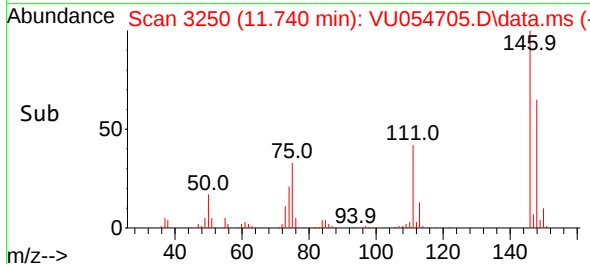
Tgt Ion:146 Resp: 281910
Ion Ratio Lower Upper
146 100
111 41.7 28.9 53.7
148 64.8 44.0 81.8

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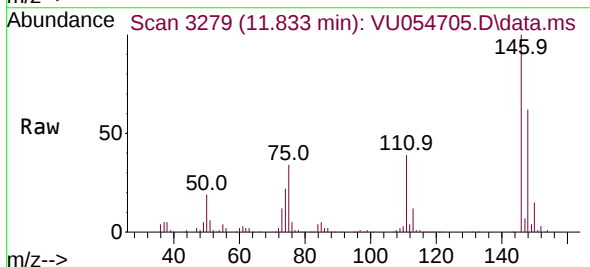
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Supervised By :Mahesh Dadoda 06/30/2023

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Dadoda

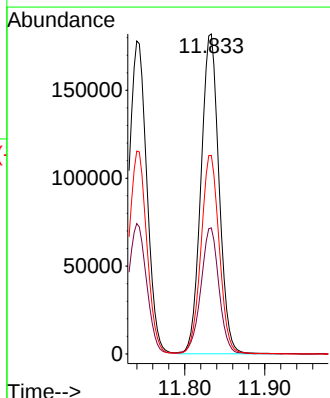
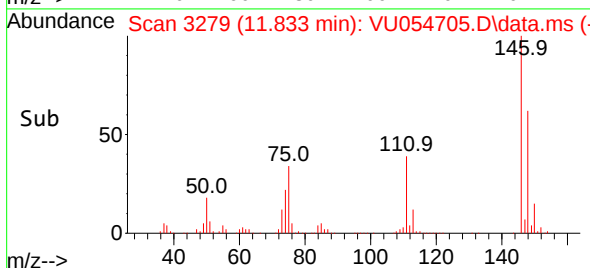
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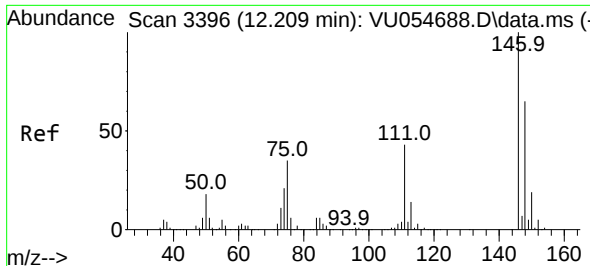


#65
1,4-Dichlorobenzene
Concen: 5.550 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14



Tgt Ion:146 Resp: 285914
Ion Ratio Lower Upper
146 100
111 39.4 28.0 52.0
148 62.1 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.572 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU054705.D

Acq: 29 Jun 2023 19:14

Instrument :

MSVOA_U

ClientSampleId :

HOA42MSD

Tgt Ion:146 Resp: 26304

Ion Ratio Lower Upper

146 100

111 42.2 34.5 51.7

148 63.5 50.9 76.3

Manual Integrations

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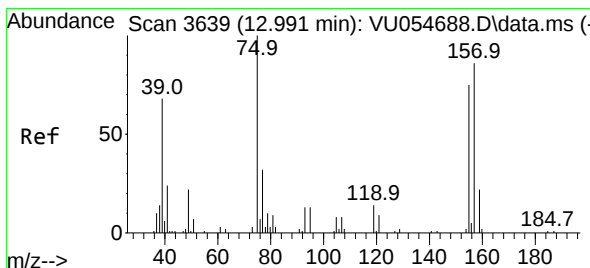
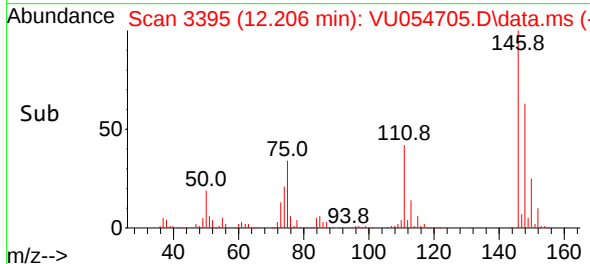
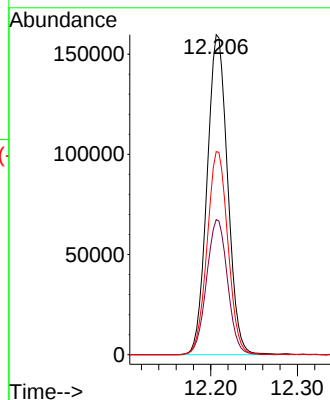
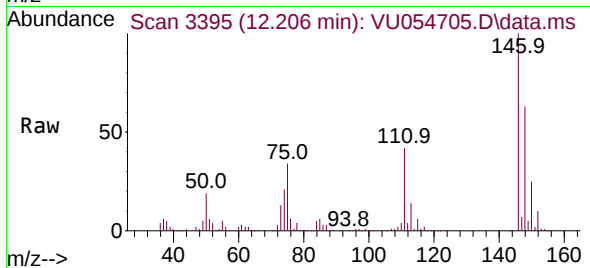
Reviewed By :Krupa Patel 06/30/2023

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Dadoda

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#68

1,2-Dibromo-3-chloropropane

Concen: 6.572 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU054705.D

Acq: 29 Jun 2023 19:14

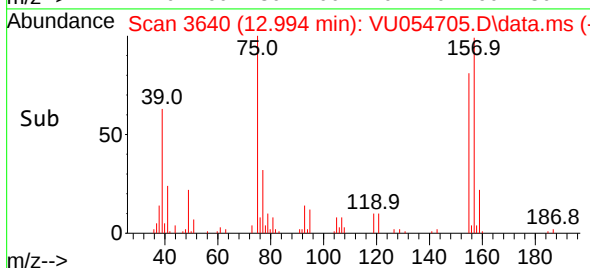
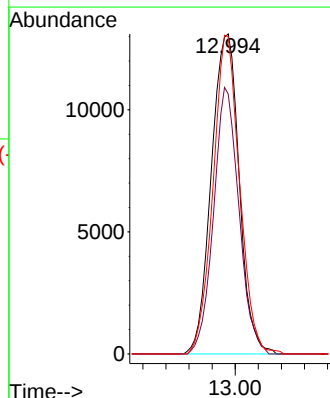
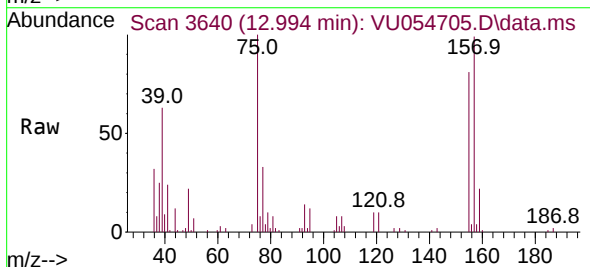
Tgt Ion: 75 Resp: 21910

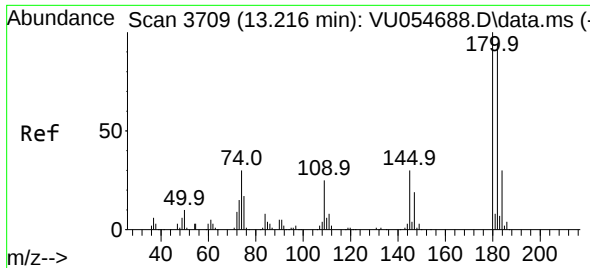
Ion Ratio Lower Upper

75 100

155 81.3 65.7 98.5

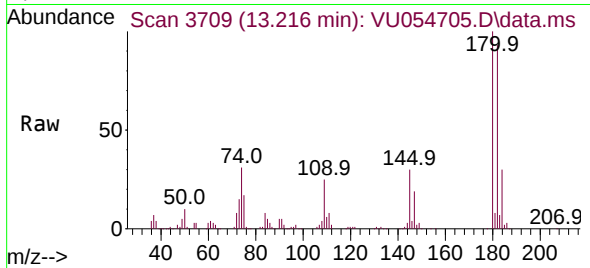
157 99.2 84.2 126.2





#69
1,3,5-Trichlorobenzene
Concen: 4.946 ug/L
RT: 13.216 min Scan# 3709
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD



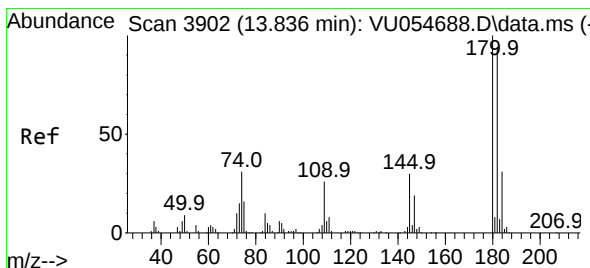
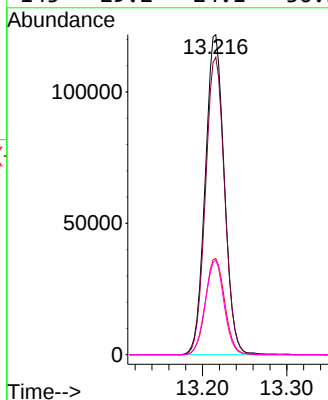
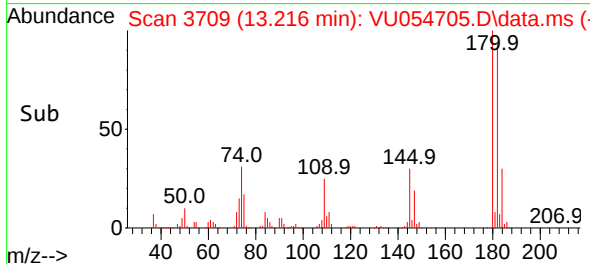
Tgt Ion:180 Resp: 191579
Ion Ratio Lower Upper
180 100
182 93.7 75.0 112.6
184 30.4 24.1 36.1
145 29.2 24.1 36.1

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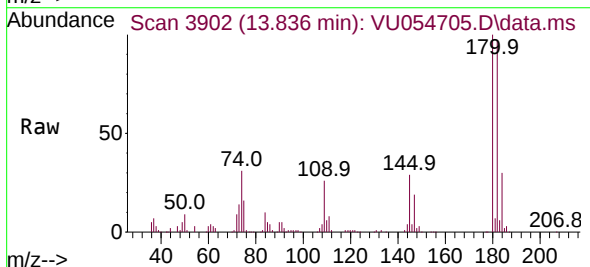
Reviewed By :Krupa Patel 06/30/2023
Supervised By :Mahesh Dadoda 06/30/2023

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Supervised By :Mahesh
Dadoda

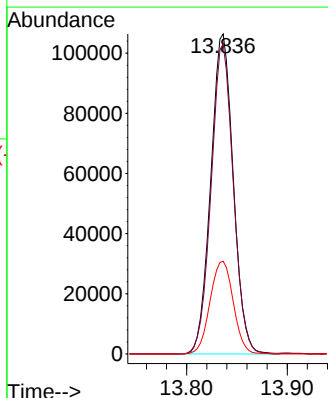
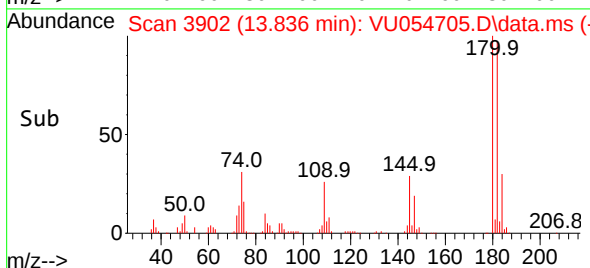
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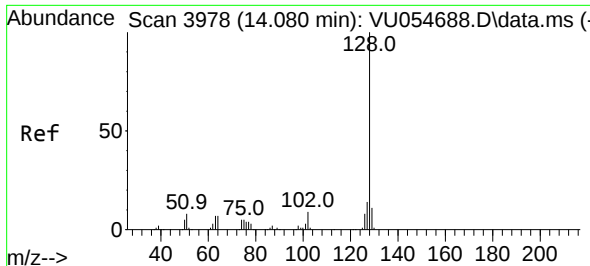


#70
1,2,4-trichlorobenzene
Concen: 5.167 ug/L
RT: 13.836 min Scan# 3902
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14



Tgt Ion:180 Resp: 165491
Ion Ratio Lower Upper
180 100
182 95.4 76.6 114.8
145 29.9 24.0 36.0





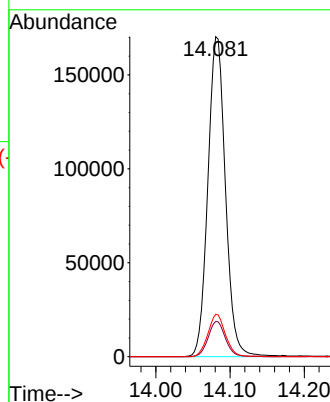
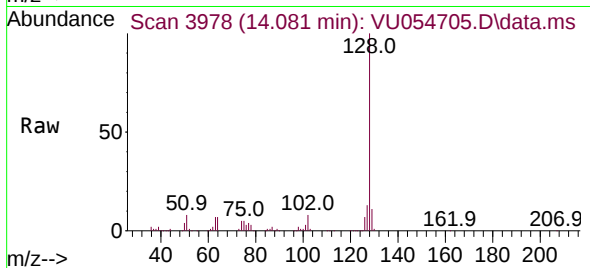
#71
Naphthalene
Concen: 5.364 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Instrument :
MSVOA_U
ClientSampleId :
HOA42MSD

Tgt Ion:128 Resp: 27935
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.2 10.6 15.8

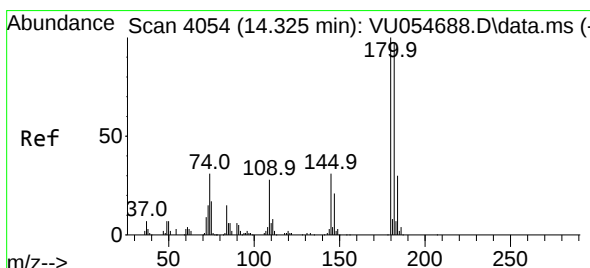
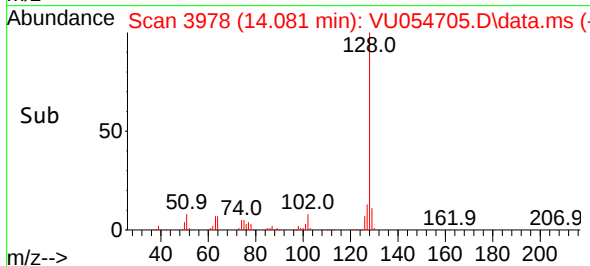
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Supervised By :Mahesh Dadoda 06/30/2023



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Supervised By :Mahesh
Dadoda

06/30/2023



#72
1,2,3-Trichlorobenzene
Concen: 5.403 ug/L
RT: 14.325 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VU054705.D
Acq: 29 Jun 2023 19:14

Tgt Ion:180 Resp: 148653
Ion Ratio Lower Upper
180 100
182 97.9 75.4 113.2
145 32.3 26.0 39.0

