

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041923\
 Data File : VL040398.D
 Acq On : 20 Apr 2023 9:50
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 10:33:31 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1114483	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	2949252	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2867608m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.761 95 2181239 9.198 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	2316594	11.529	ppbv	99
3) Chlorodifluoromethane	2.652	51	1436205	9.862	ppbv	97
4) Chloromethane	2.790	50	958160	10.415	ppbv	96
5) Vinyl Chloride	2.899	62	814797	10.730	ppbv	100
6) Bromomethane	3.099	94	240381	9.608	ppbv	100
7) Chloroethane	3.172	64	290793	10.113	ppbv	94
8) Dichlorotetrafluoroethane	2.835	85	1874441	9.545	ppbv	98
9) Propene	2.671	41	676684	11.762	ppbv	97
10) Heptane	7.561	43	1577886	12.068	ppbv	100
11) Trichlorofluoromethane	3.542	101	1780883	8.755	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.044	101	1355138	9.525	ppbv	97
13) Ethanol	3.224	45	48853m	10.171	ppbv	
14) Bromoethene	3.343	108	559021	9.609	ppbv	99
15) Acetone	3.446	43	1390506	8.809	ppbv	99
16) 1,3-Butadiene	2.964	39	731514	11.198	ppbv	99
17) tert-Butyl alcohol	3.854	59	1431963	9.879	ppbv	100
18) 1,1-Dichloroethene	3.857	96	623748	9.721	ppbv	94
19) Isopropyl Alcohol	3.555	45	730317	10.140	ppbv #	98
20) Methylene Chloride	3.912	84	532857	8.455	ppbv	92
21) Allyl Chloride	3.973	41	992422	11.065	ppbv	98
22) trans-1,2-Dichloroethene	4.423	96	655276	10.215	ppbv	97
23) Vinyl Acetate	4.607	43	442573	11.012	ppbv #	94
24) 1,1-Dichloroethane	4.542	63	1342311	10.036	ppbv	99
25) Ethyl Acetate	5.182	43	2906107	10.941	ppbv	99
26) Hexane	5.192	57	1259452	11.248	ppbv	95
27) Carbon Disulfide	4.102	76	1556108	10.738	ppbv	100
28) Methyl tert-Butyl Ether	4.565	73	1280080	11.074	ppbv	98
29) Chloroform	5.256	83	1925655	9.654	ppbv	99
30) Cyclohexane	6.581	84	1046778	12.070	ppbv	98
31) cis-1,2-Dichloroethene	5.060	61	1220268	10.995	ppbv	98
32) 1,1,1-Trichloroethane	5.983	97	1880974	9.705	ppbv	99
34) 2-Butanone	4.764	43	1536337	9.661	ppbv	98
35) Carbon Tetrachloride	6.471	117	1900074	9.152	ppbv	96
36) Benzene	6.352	78	2633364	10.944	ppbv	99
37) 1,2-Dichloroethane	5.787	62	1474824	9.331	ppbv	98
38) Trichloroethene	7.272	130	1518125	11.085	ppbv	95
39) 1,2-Dichloropropane	7.057	63	1009680	10.664	ppbv	95
40) 1,4-Dioxane	7.269	88	409119	11.283	ppbv #	96
41) Tetrahydrofuran	5.536	42	1035542	11.890	ppbv	98
42) Bromodichloromethane	7.233	83	2078939	9.632	ppbv	99
43) Methyl Methacrylate	7.459	69	1049291	11.741	ppbv	99
44) 2,2,4-Trimethylpentane	7.307	57	4335277	10.787	ppbv	97
45) t-1,3-Dichloropropene	8.696	75	971571	12.170	ppbv	95

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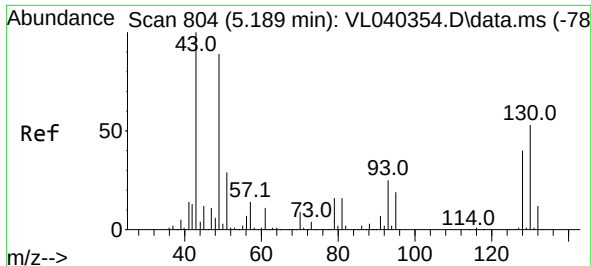
Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

Quant Time: Apr 20 10:33:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

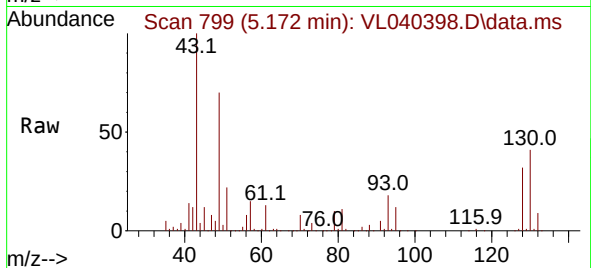
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	1318645	11.867	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	1045848	10.075	ppbv	98
48) Dibromochloromethane	9.693	129	1693756	10.131	ppbv	100
49) Bromoform	12.394	173	1339529	10.273	ppbv	99
50) 4-Methyl-2-Pentanone	8.166	43	2641269	10.954	ppbv	98
51) 2-Hexanone	9.532	43	2093594	11.750	ppbv #	97
52) Tetrachloroethene	10.600	164	885966	11.771	ppbv	96
53) Toluene	9.204	91	2962480	11.613	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1143173	10.862	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.494	131	1226373	9.369	ppbv	95
57) Chlorobenzene	11.510	112	2208760	9.837	ppbv	97
58) Ethyl Benzene	12.072	91	3894023	11.039	ppbv	96
59) m/p-Xylene	12.359	91	6475901m	19.963	ppbv	
60) o-Xylene	13.044	91	3086647	9.914	ppbv	97
61) Styrene	12.883	104	1878550	12.045	ppbv	97
62) Isopropylbenzene	14.015	105	4376509	9.761	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.034	83	966355	8.482	ppbv	100
64) n-propylbenzene	14.905	120	1168397	10.591	ppbv	89
65) tert-Butylbenzene	16.076	119	3880057	9.836	ppbv	96
66) Benzyl Chloride	16.313	91	248968	10.194	ppbv	99
67) sec-Butylbenzene	16.622	105	5475780	9.664	ppbv	98
69) p-Isopropyltoluene	16.982	119	4574422	10.339	ppbv	97
70) n-Butylbenzene	17.876	91	4931832	10.055	ppbv	99
71) 2-Chlorotoluene	14.789	91	3367968	9.784	ppbv	97
72) 4-Ethyltoluene	15.178	105	3572840	10.395	ppbv	98
73) 1,3,5-Trimethylbenzene	15.339	105	3219130	10.139	ppbv	97
74) 1,2,4-Trimethylbenzene	16.095	105	3454956	9.521	ppbv	95
75) 1,3-Dichlorobenzene	16.313	146	1994630	10.035	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1944782	9.903	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1959517	9.970	ppbv	99
78) Hexachloro-1,3-Butadiene	22.619	225	1646618	10.450	ppbv	99
79) Naphthalene	21.371	128	3540960	14.456	ppbv	98
80) Naphthalene,2-methyl-	24.365	142	959276	13.156	ppbv	94
81) 1,2,4-Trichlorobenzene	21.127	180	1817641	12.075	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. -0.017 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

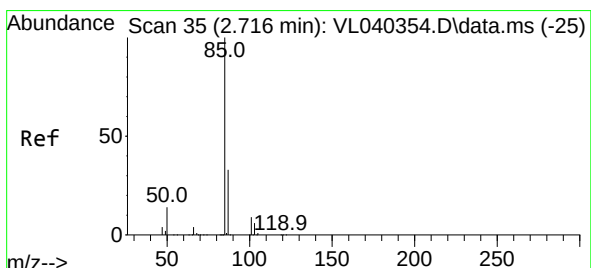
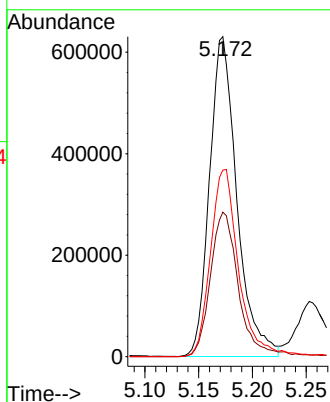
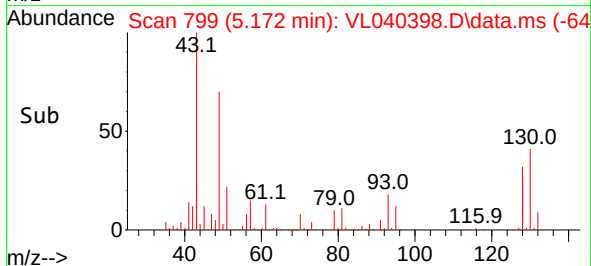
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 111448
Ion Ratio Lower Upper
49 100
128 47.5 23.7 71.1
130 61.8 29.9 89.8

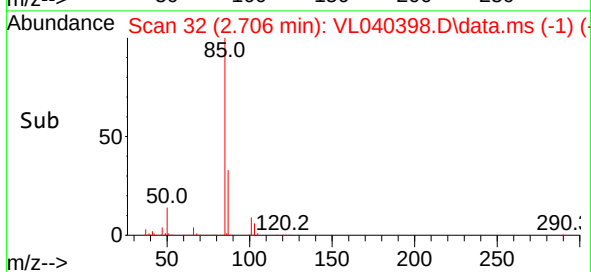
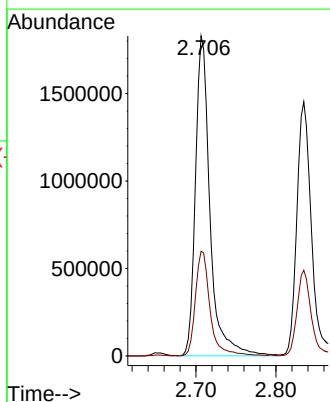
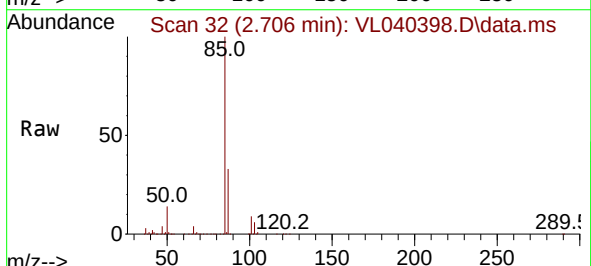
Manual Integrations
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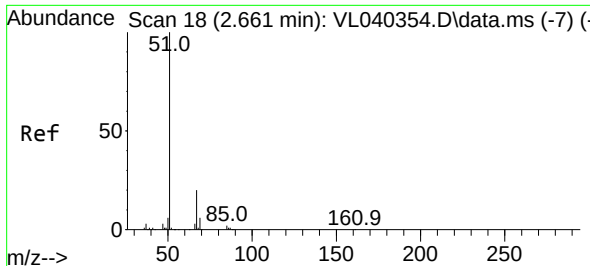
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 11.529 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 85 Resp: 2316594
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0





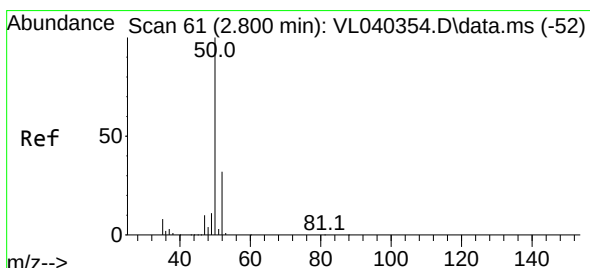
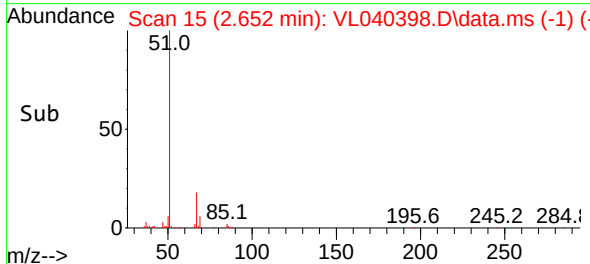
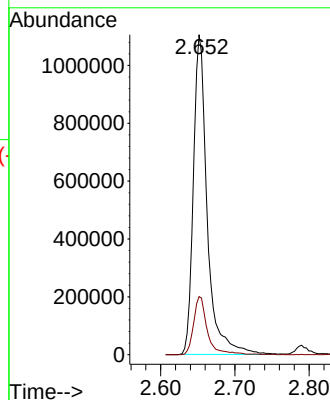
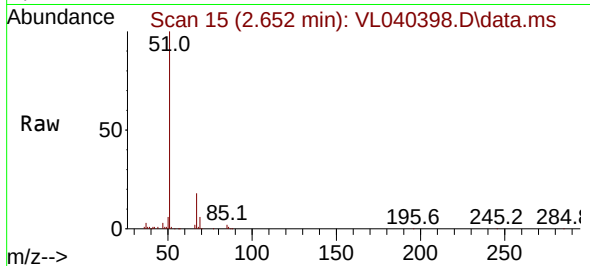
#3
Chlorodifluoromethane
Concen: 9.862 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 143620
Ion Ratio Lower Upper
51 100
67 18.2 15.5 23.3

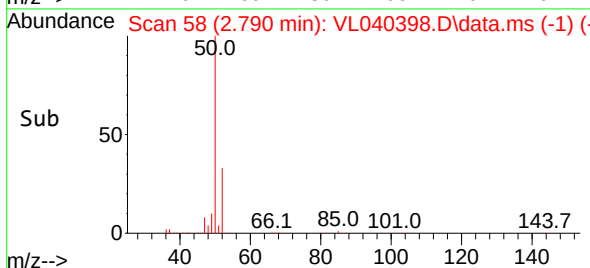
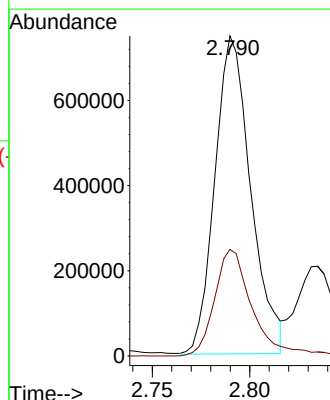
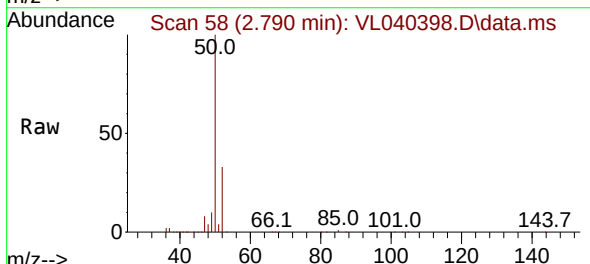
Manual Integrations
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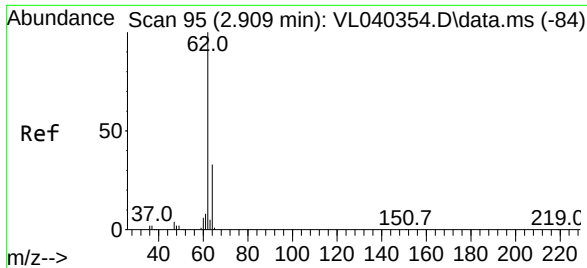
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#4
Chloromethane
Concen: 10.415 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

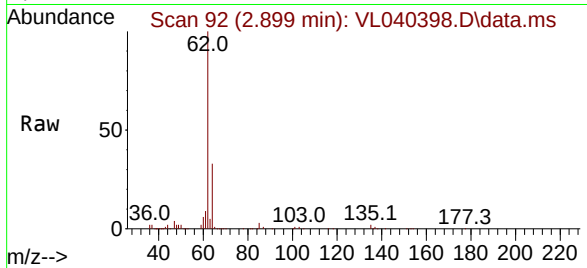
Tgt Ion: 50 Resp: 958160
Ion Ratio Lower Upper
50 100
52 33.6 25.3 37.9





#5
 Vinyl Chloride
 Concen: 10.730 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

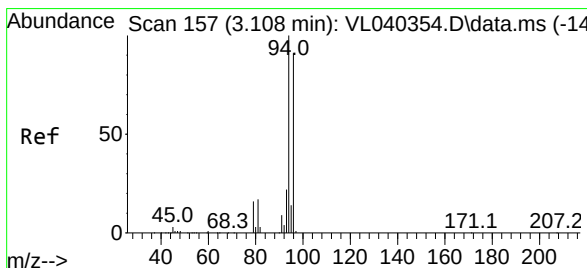
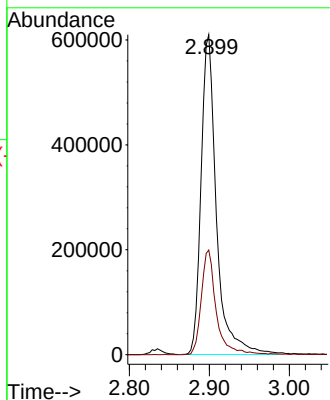
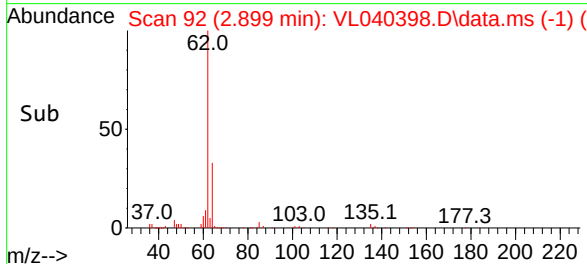
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



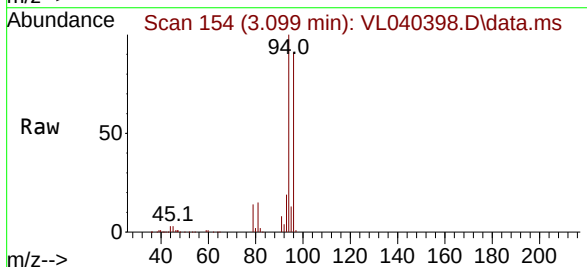
Tgt Ion: 62 Resp: 81479
 Ion Ratio Lower Upper
 62 100
 64 32.7 26.3 39.5

Manual Integrations
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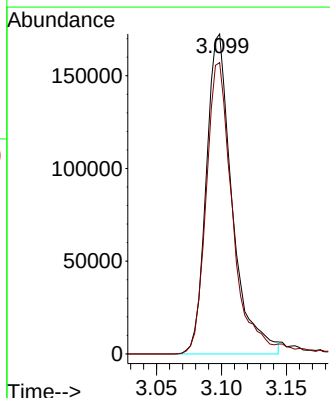
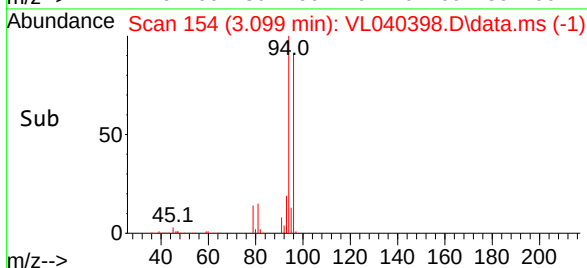
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

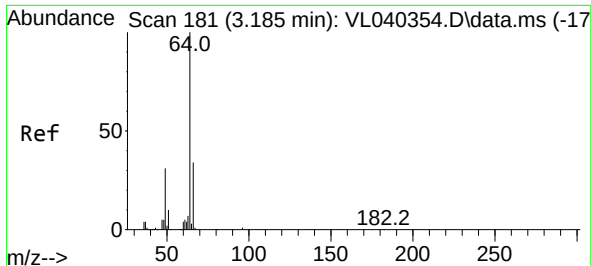


#6
 Bromomethane
 Concen: 9.608 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.009 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50



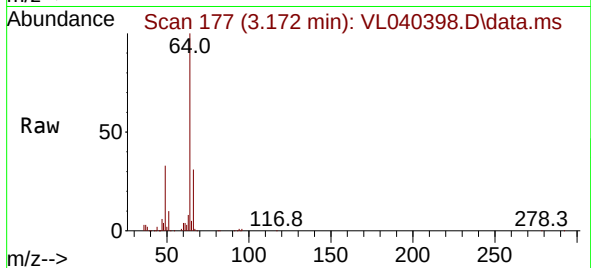
Tgt Ion: 94 Resp: 240381
 Ion Ratio Lower Upper
 94 100
 96 90.9 72.6 108.8





#7
Chloroethane
Concen: 10.113 ppbv
RT: 3.172 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

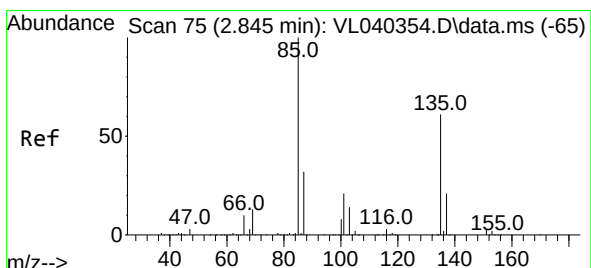
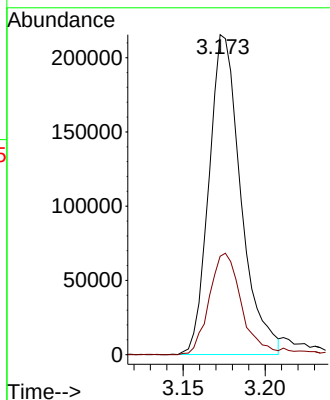
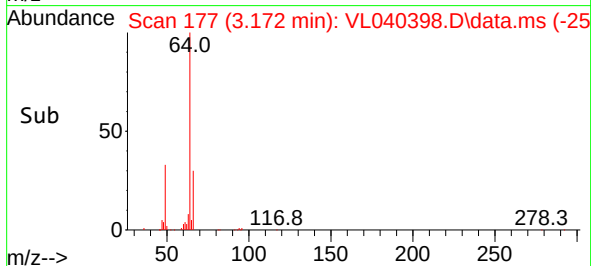
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 290793
Ion Ratio Lower Upper
64 100
66 30.8 27.5 41.3

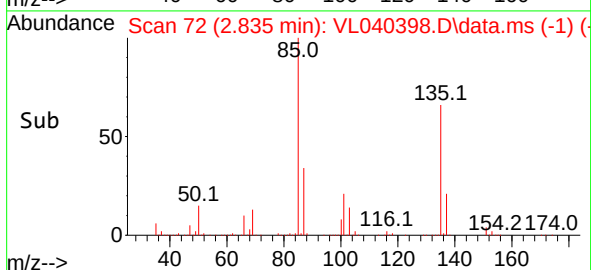
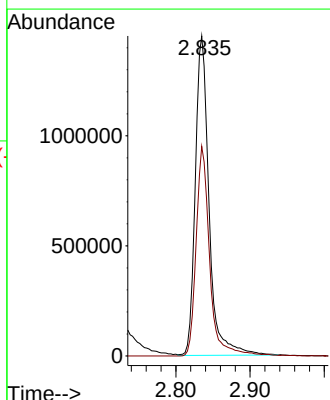
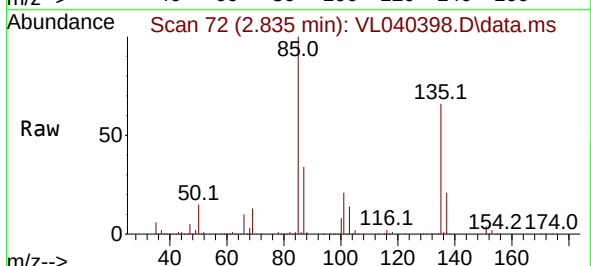
Manual Integrations
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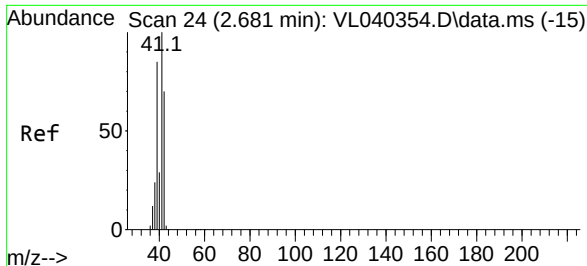
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Dichlorotetrafluoroethane
Concen: 9.545 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

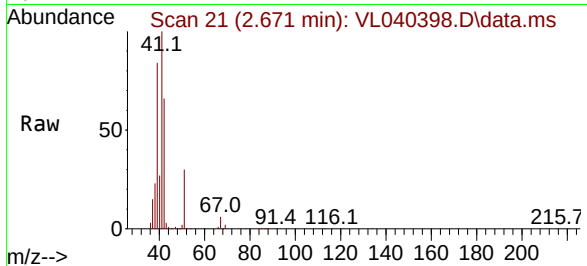
Tgt Ion: 85 Resp: 1874441
Ion Ratio Lower Upper
85 100
135 65.0 50.7 76.1





#9
 Propene
 Concen: 11.762 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

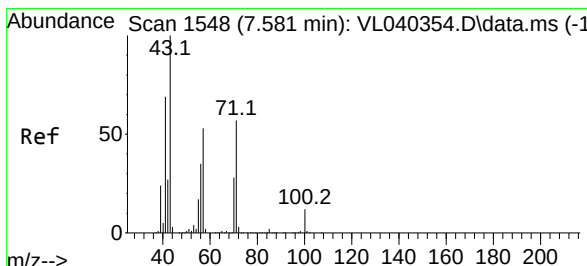
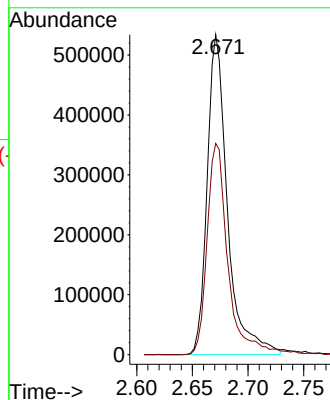
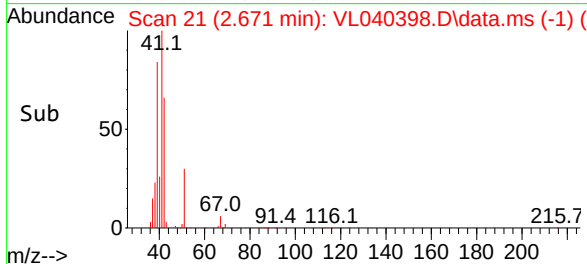
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 676684
 Ion Ratio Lower Upper
 41 100
 42 68.4 56.5 84.7

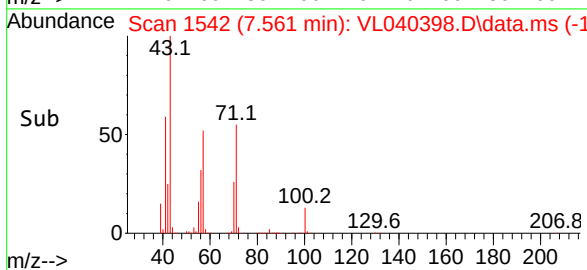
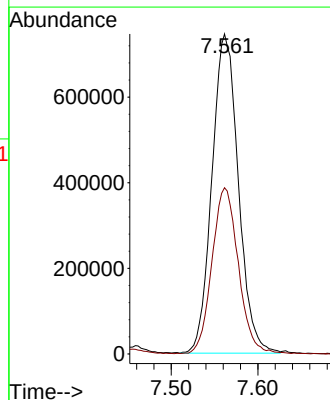
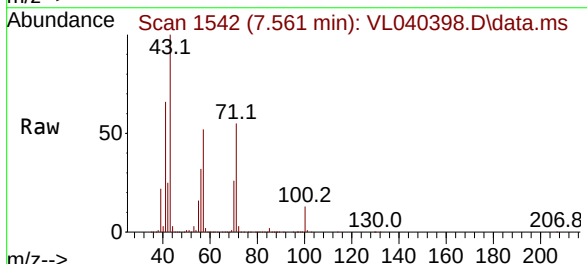
Manual Integrations
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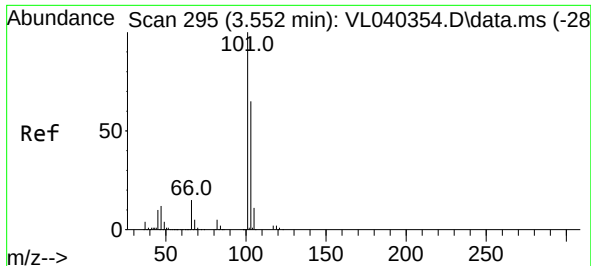
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#10
 Heptane
 Concen: 12.068 ppbv
 RT: 7.561 min Scan# 1542
 Delta R.T. -0.020 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

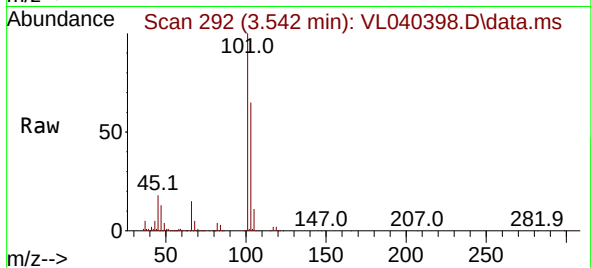
Tgt Ion: 43 Resp: 1577886
 Ion Ratio Lower Upper
 43 100
 57 52.5 42.2 63.4





#11
 Trichlorofluoromethane
 Concen: 8.755 ppbv
 RT: 3.542 min Scan# 295
 Delta R.T. -0.010 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

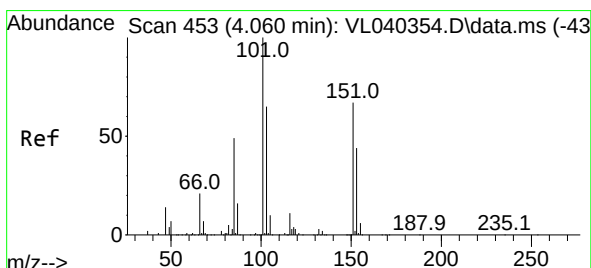
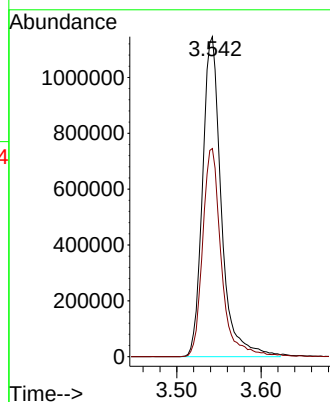
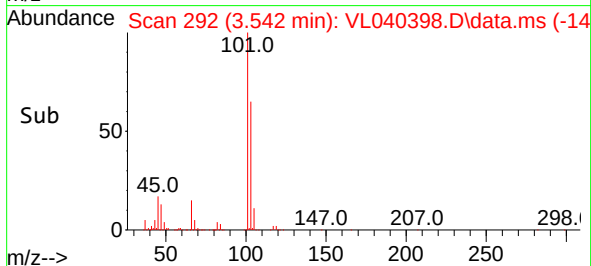
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010EC



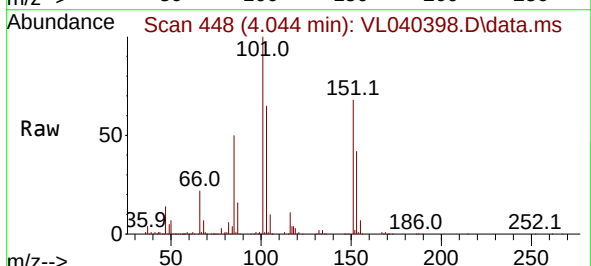
Tgt Ion:101 Resp: 178088
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.2 78.4

Manual Integrations
 APPROVED

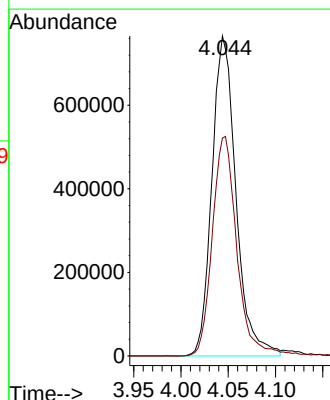
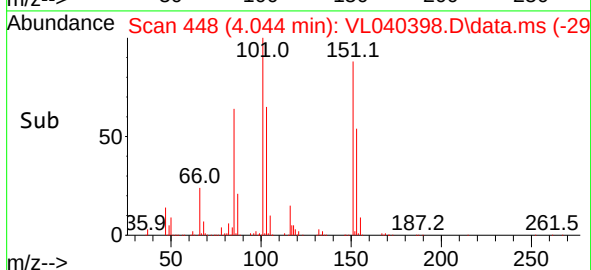
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023

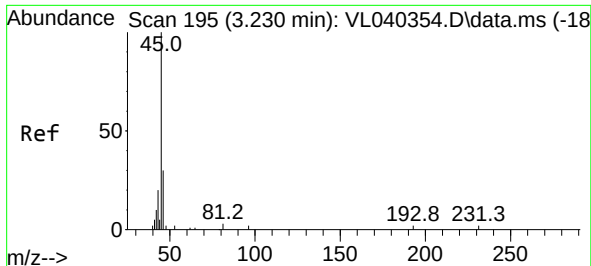


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.525 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. -0.016 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50



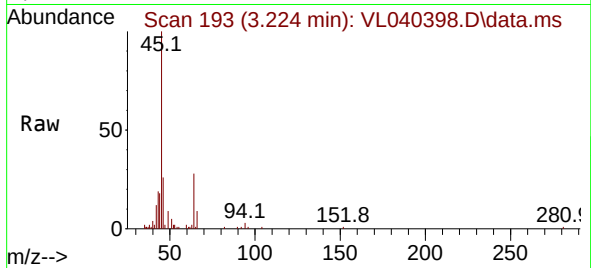
Tgt Ion:101 Resp: 1355138
 Ion Ratio Lower Upper
 101 100
 151 70.5 54.7 82.1





#13
Ethanol
Concen: 10.171 ppbv m
RT: 3.224 min Scan# 195
Delta R.T. -0.006 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

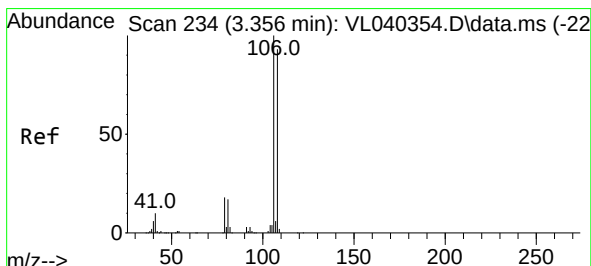
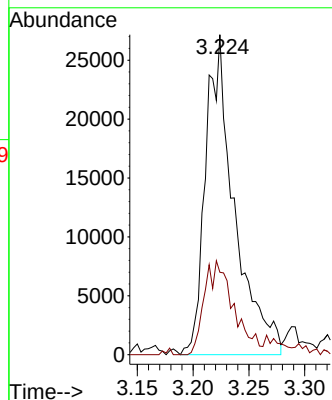
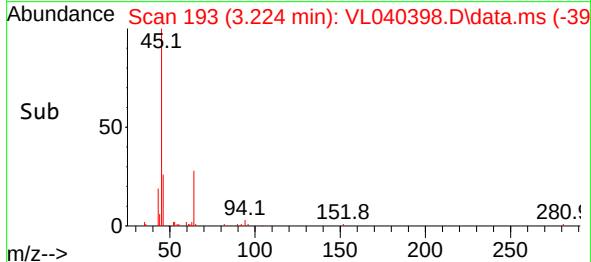
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



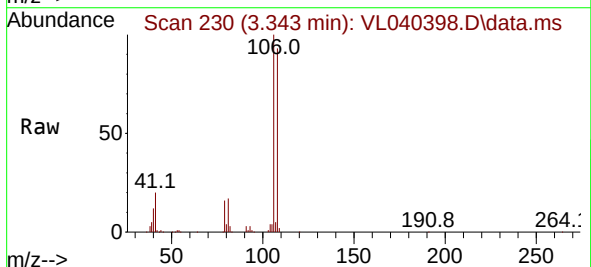
Tgt Ion: 45 Resp: 4885
Ion Ratio Lower Upper
45 100
46 35.6 15.3 61.3

Manual Integrations
APPROVED

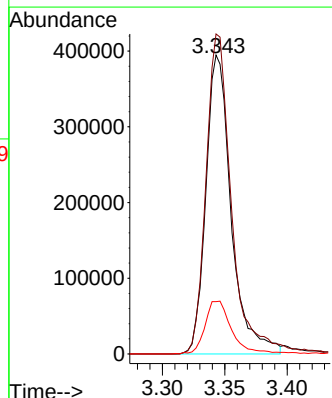
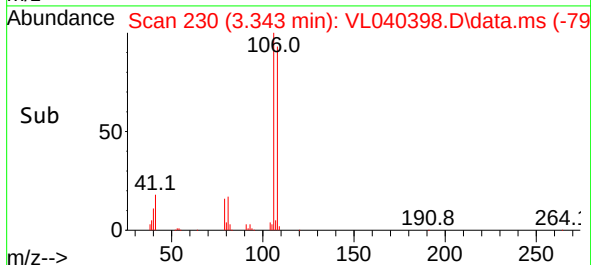
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

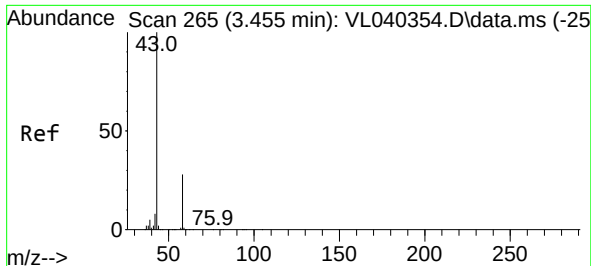


#14
Bromoethene
Concen: 9.609 ppbv
RT: 3.343 min Scan# 230
Delta R.T. -0.013 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



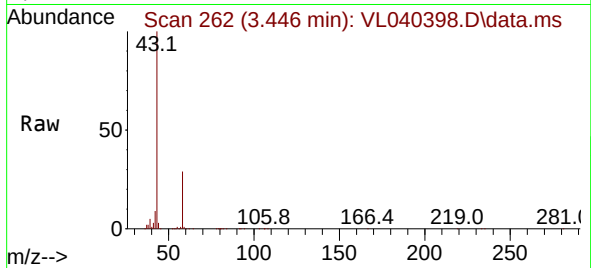
Tgt Ion:108 Resp: 559021
Ion Ratio Lower Upper
108 100
106 109.4 88.3 132.5
79 19.0 16.1 24.1





#15
Acetone
Concen: 8.809 ppbv
RT: 3.446 min Scan# 20
Delta R.T. -0.009 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

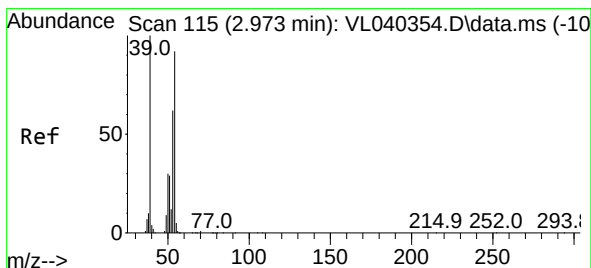
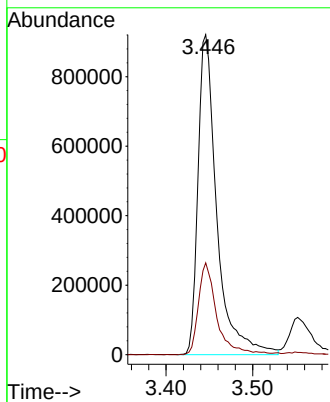
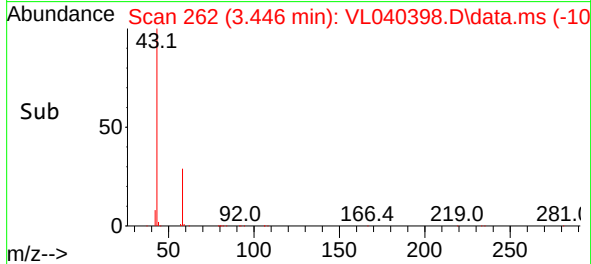
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



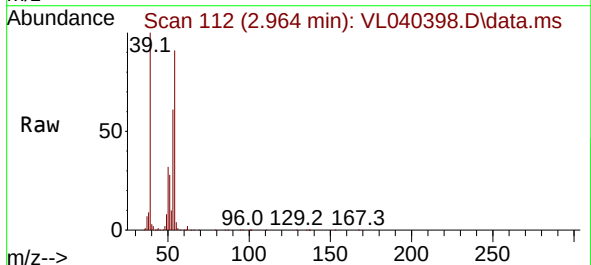
Tgt Ion: 43 Resp: 1390500
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.2

Manual Integrations
APPROVED

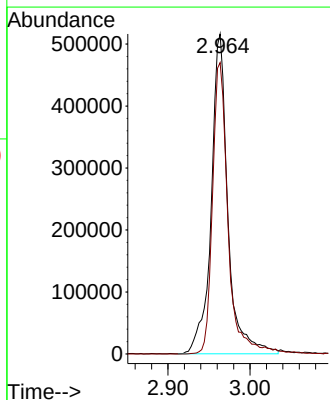
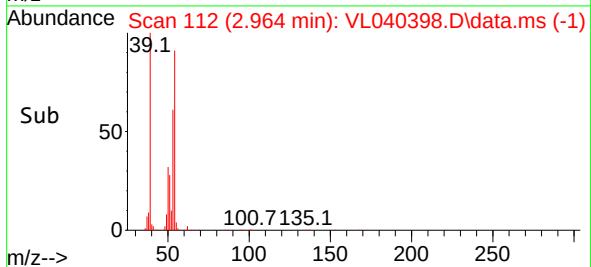
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

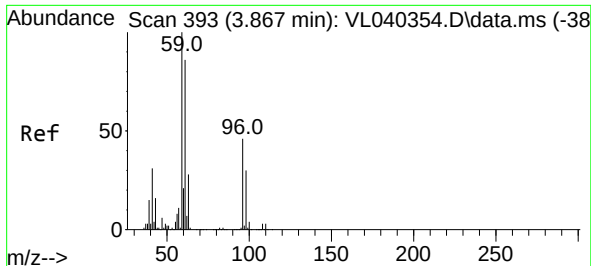


#16
1,3-Butadiene
Concen: 11.198 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.009 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



Tgt Ion: 39 Resp: 731514
Ion Ratio Lower Upper
39 100
54 85.2 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.879 ppbv

RT: 3.854 min Scan# 393

Delta R.T. -0.013 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 143196

Ion Ratio Lower Upper

59 100

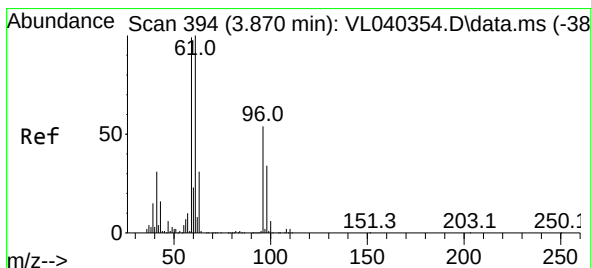
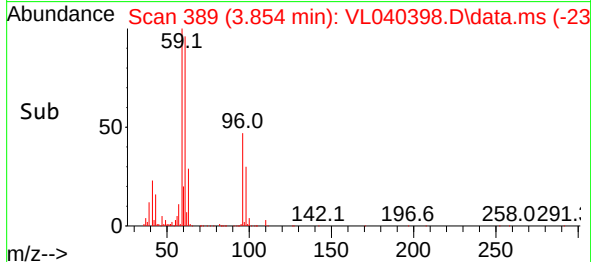
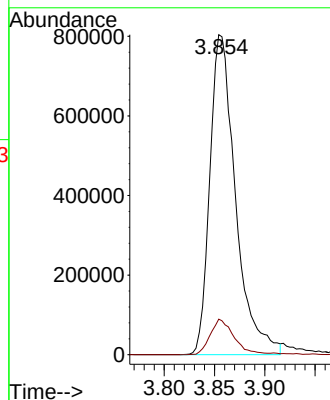
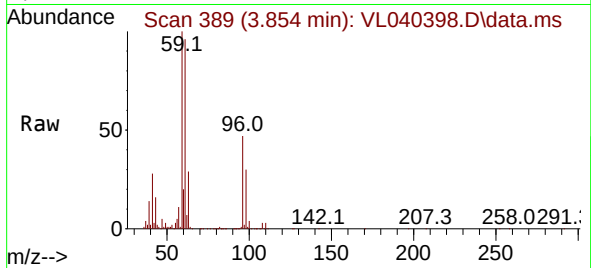
57 10.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#18

1,1-Dichloroethene

Concen: 9.721 ppbv

RT: 3.857 min Scan# 390

Delta R.T. -0.013 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

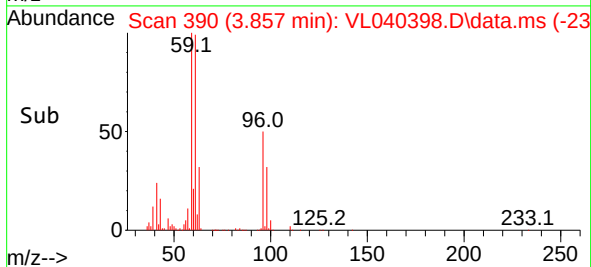
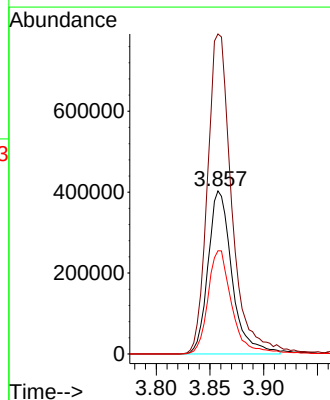
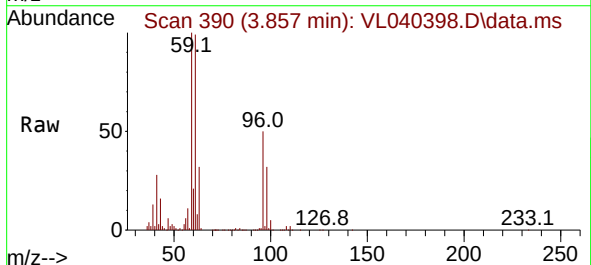
Tgt Ion: 96 Resp: 623748

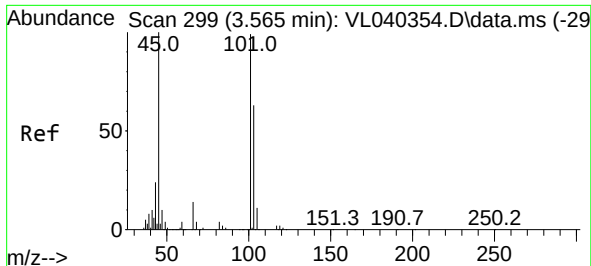
Ion Ratio Lower Upper

96 100

61 196.2 148.3 222.5

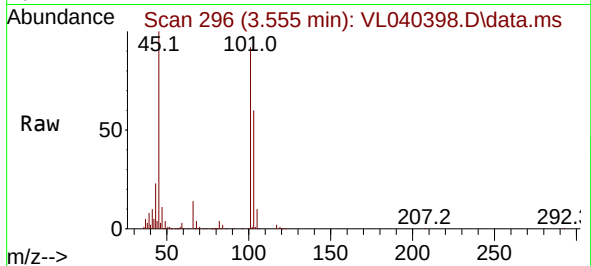
98 63.3 49.8 74.8





#19
Isopropyl Alcohol
Concen: 10.140 ppbv
RT: 3.555 min Scan# 299
Delta R.T. -0.010 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

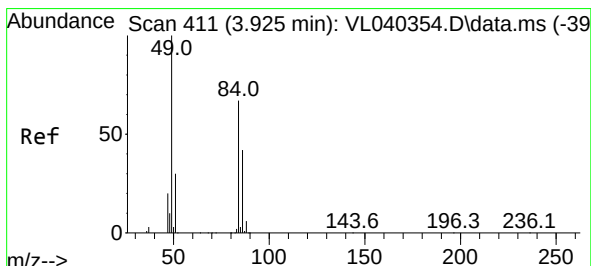
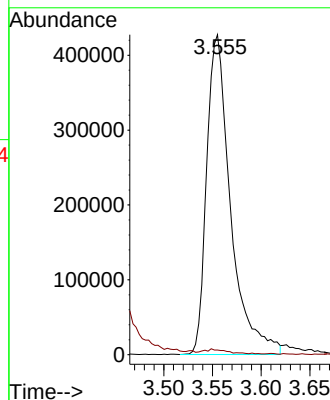
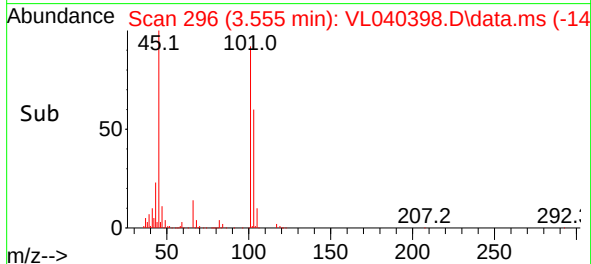
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



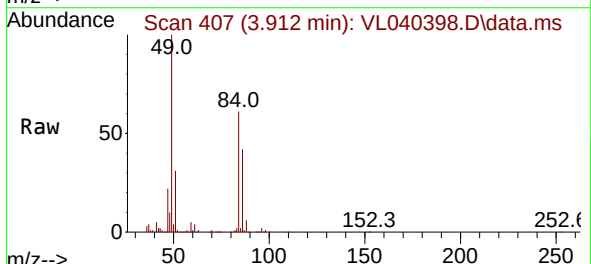
Tgt Ion: 45 Resp: 730317
Ion Ratio Lower Upper
45 100
58 2.6 2.6 4.0

Manual Integrations
APPROVED

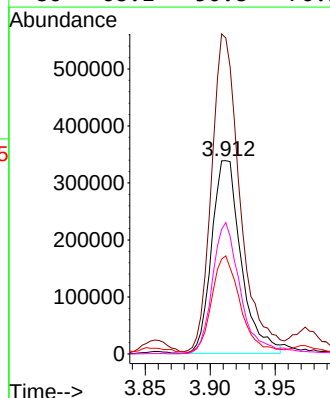
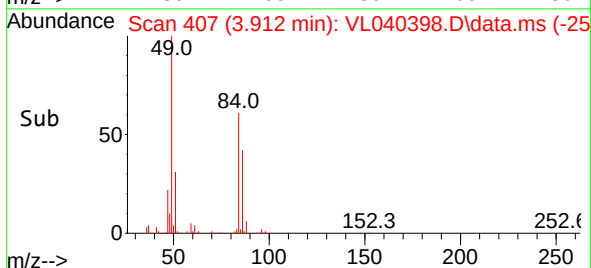
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

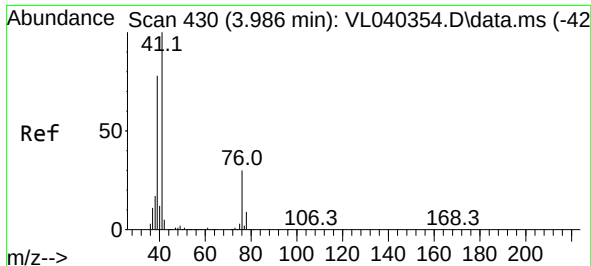


#20
Methylene Chloride
Concen: 8.455 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.013 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



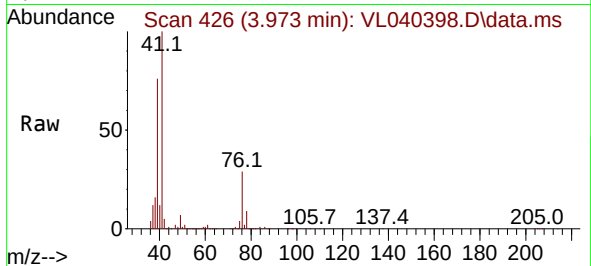
Tgt Ion: 84 Resp: 532857
Ion Ratio Lower Upper
84 100
49 162.8 120.1 180.1
51 49.7 36.3 54.5
86 68.1 50.8 76.2





#21
 Allyl Chloride
 Concen: 11.065 ppbv
 RT: 3.973 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

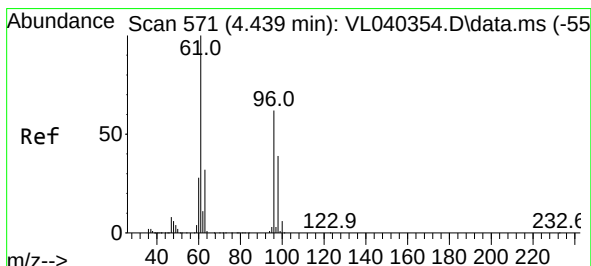
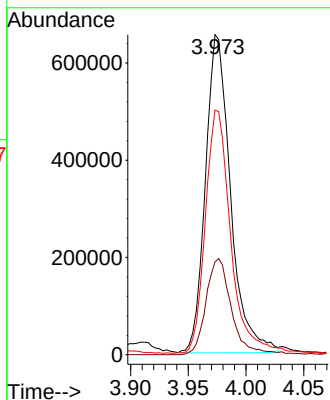
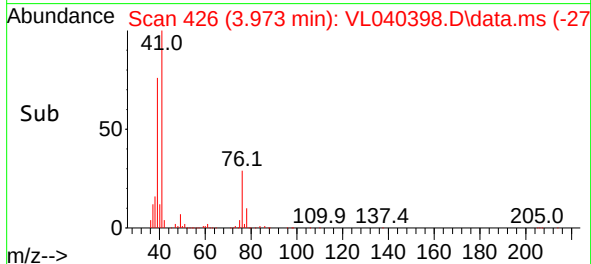
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 99242
 Ion Ratio Lower Upper
 41 100
 76 30.8 25.5 38.3
 39 77.9 64.0 96.0

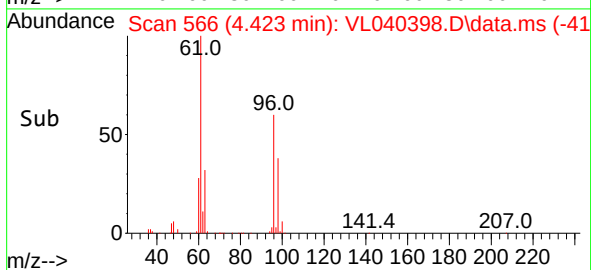
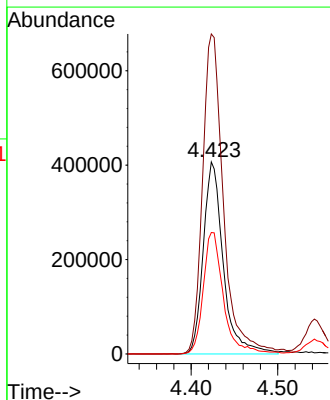
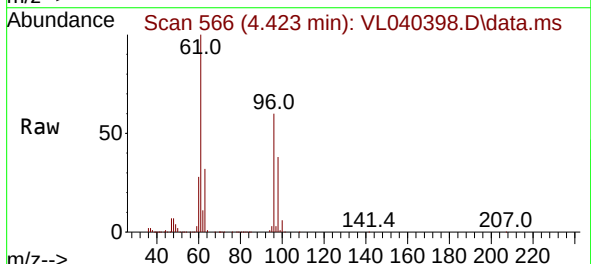
Manual Integrations
 APPROVED

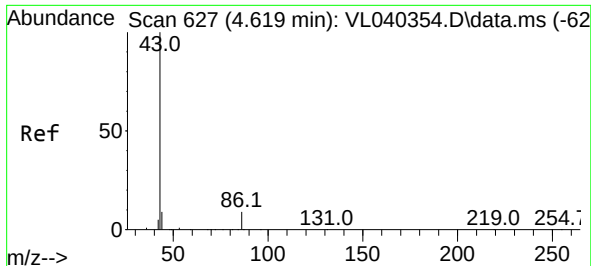
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.215 ppbv
 RT: 4.423 min Scan# 566
 Delta R.T. -0.016 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

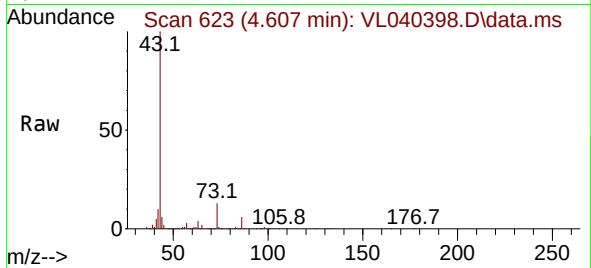
Tgt Ion: 96 Resp: 655276
 Ion Ratio Lower Upper
 96 100
 61 166.7 129.4 194.2
 98 63.3 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.012 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

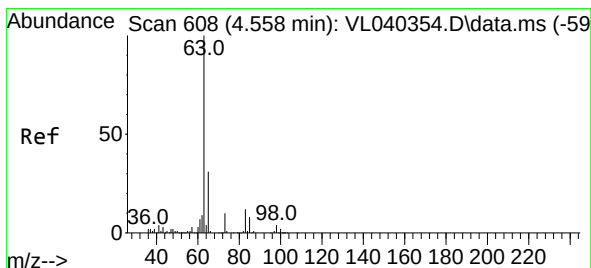
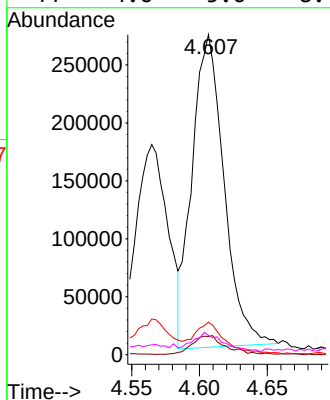
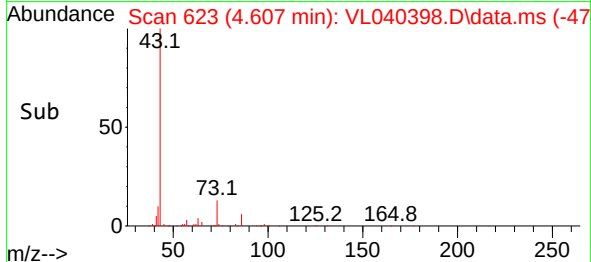
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 44257
 Ion Ratio Lower Upper
 43 100
 86 5.7 6.0 9.0
 42 9.9 6.4 9.6
 44 4.6 5.6 8.4

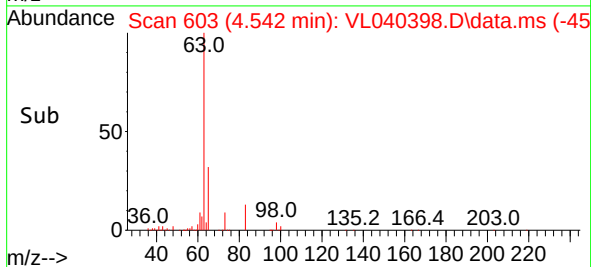
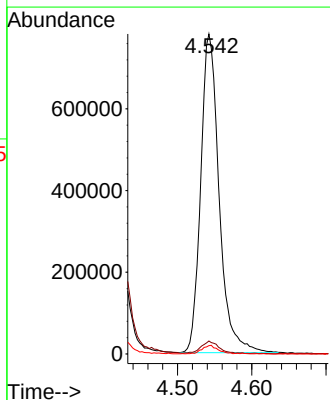
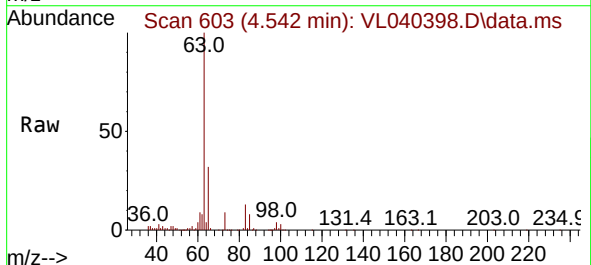
Manual Integrations
 APPROVED

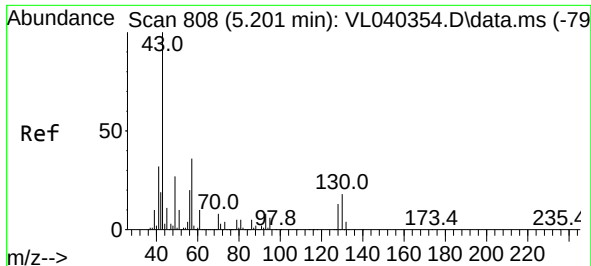
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 10.036 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. -0.016 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Tgt Ion: 63 Resp: 1342311
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.6 1.2 3.6





#25

Ethyl Acetate

Concen: 10.941 ppbv

RT: 5.182 min Scan# 805

Delta R.T. -0.019 min

Lab File: VL040398.D

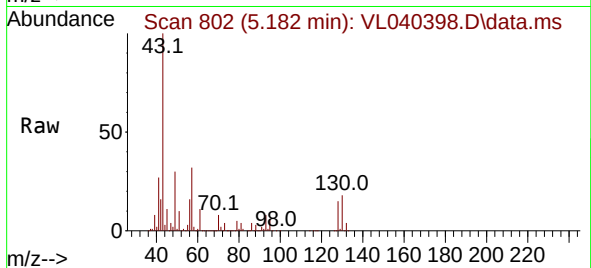
Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 43 Resp: 290610

Ion Ratio Lower Upper

43 100

45 10.5 8.5 12.7

61 10.9 8.5 12.7

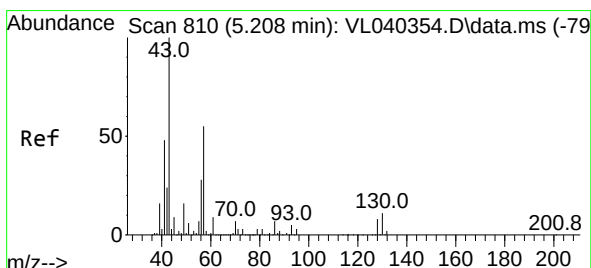
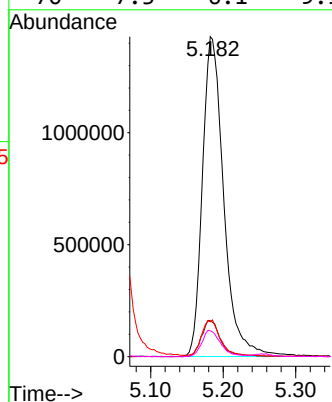
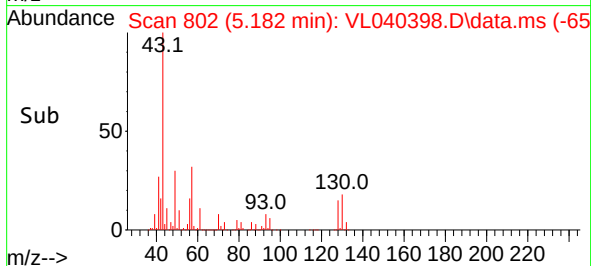
70 7.3 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#26

Hexane

Concen: 11.248 ppbv

RT: 5.192 min Scan# 805

Delta R.T. -0.016 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Tgt Ion: 57 Resp: 1259452

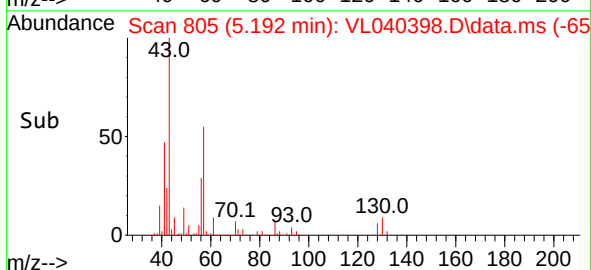
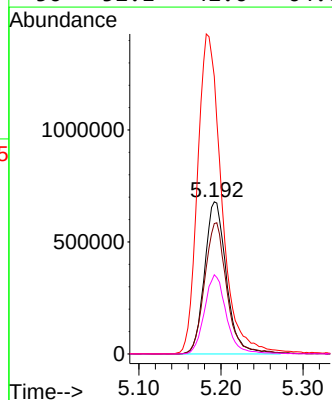
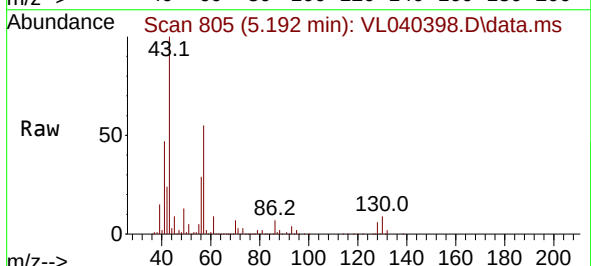
Ion Ratio Lower Upper

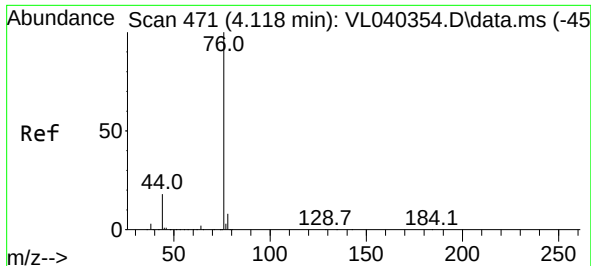
57 100

41 88.4 74.8 112.2

43 232.6 192.7 289.1

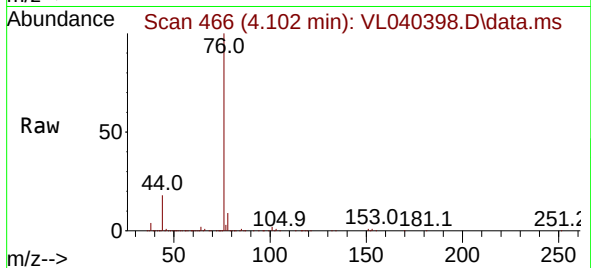
56 52.1 42.6 64.0





#27
Carbon Disulfide
Concen: 10.738 ppbv
RT: 4.102 min Scan# 406
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

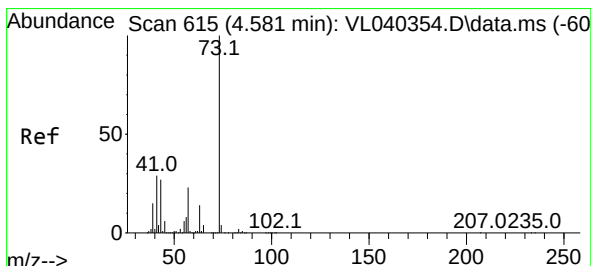
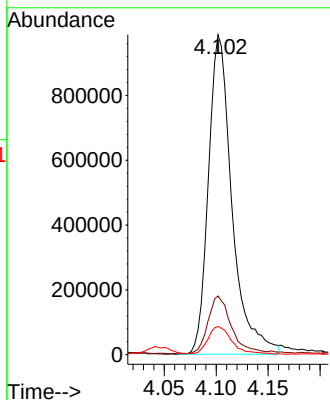
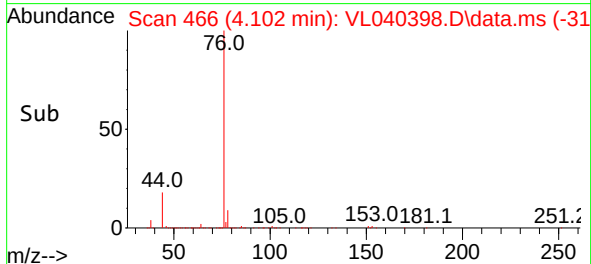
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



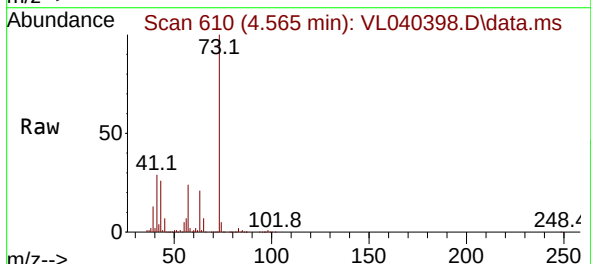
Tgt Ion: 76 Resp: 1556108
Ion Ratio Lower Upper
76 100
44 18.4 14.7 22.1
78 9.2 7.7 11.5

Manual Integrations
APPROVED

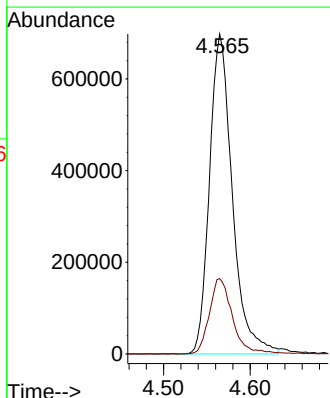
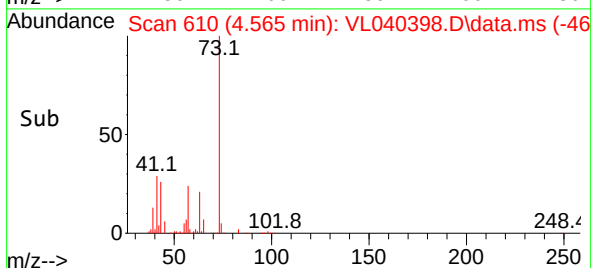
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

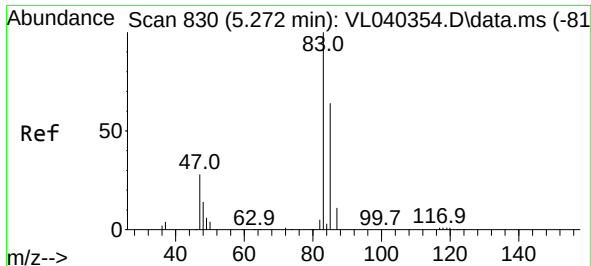


#28
Methyl tert-Butyl Ether
Concen: 11.074 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



Tgt Ion: 73 Resp: 1280080
Ion Ratio Lower Upper
73 100
57 24.1 18.6 27.8





#29

Chloroform

Concen: 9.654 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 192565

Ion Ratio Lower Upper

83 100

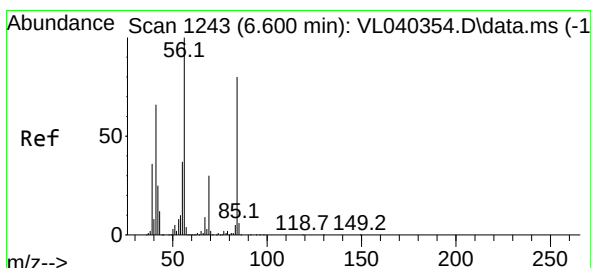
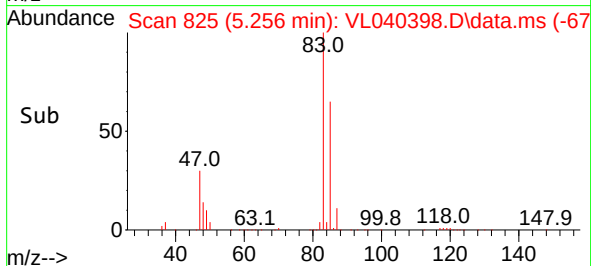
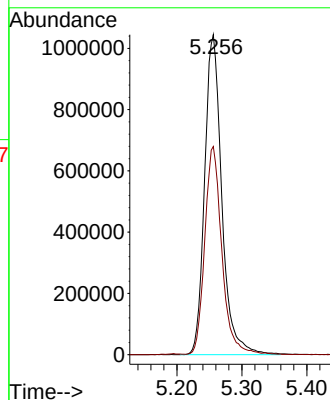
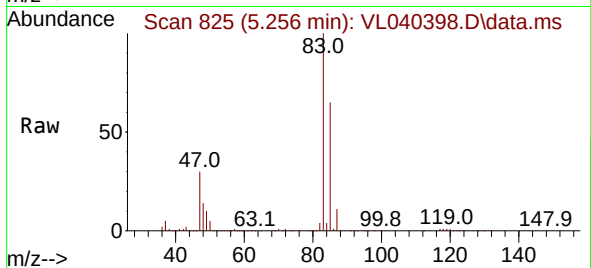
85 64.8 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Cyclohexane

Concen: 12.070 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. -0.019 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

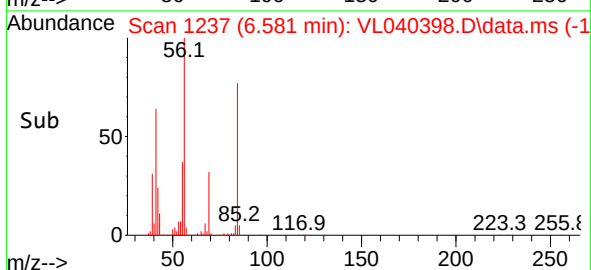
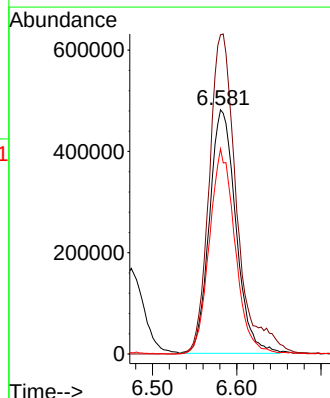
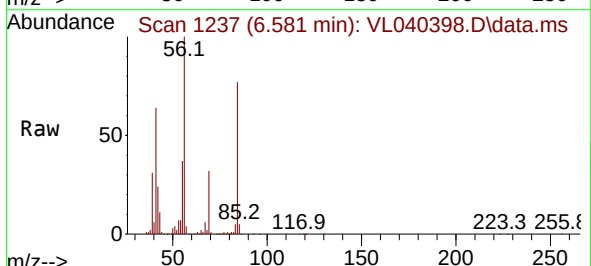
Tgt Ion: 84 Resp: 1046778

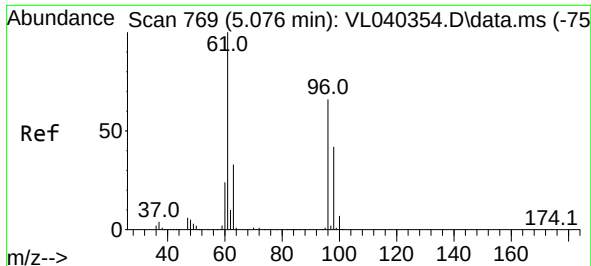
Ion Ratio Lower Upper

84 100

56 137.0 107.0 160.6

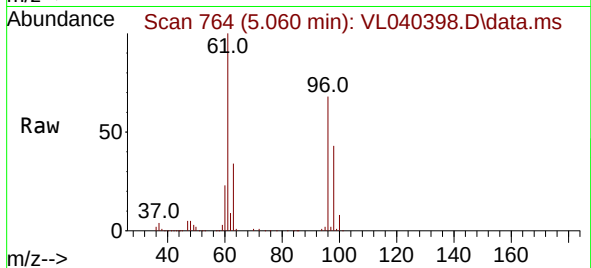
41 82.3 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 10.995 ppbv
 RT: 5.060 min Scan# 701
 Delta R.T. -0.016 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

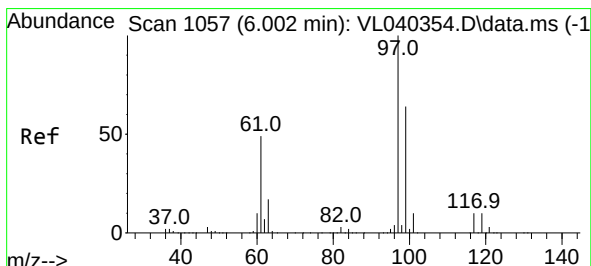
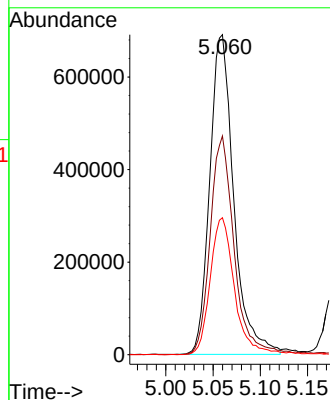
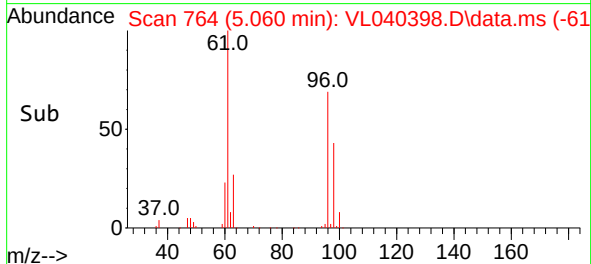
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 1220268
 Ion Ratio Lower Upper
 61 100
 96 68.3 53.0 79.4
 98 42.8 33.8 50.8

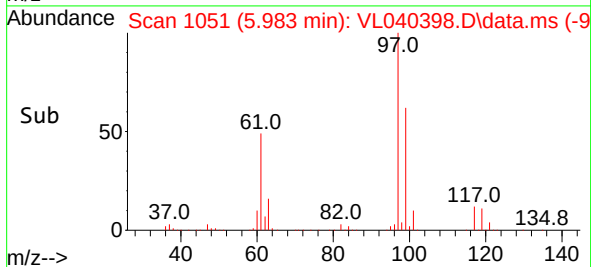
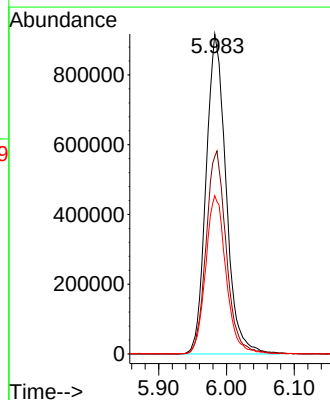
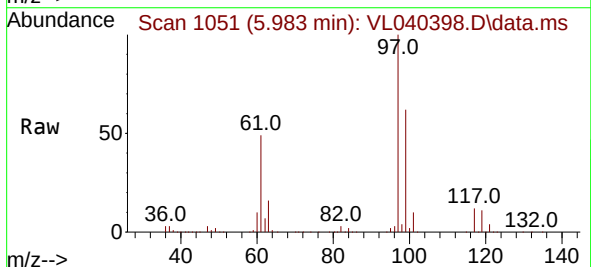
Manual Integrations
 APPROVED

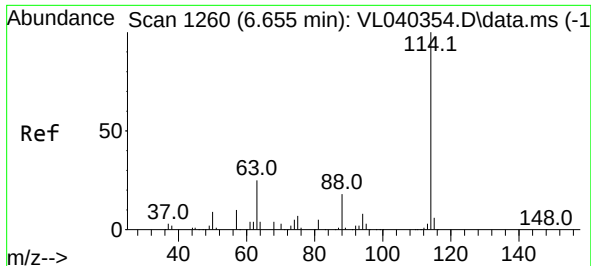
Reviewed By :Krupa Patel 04/22/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.705 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.019 min
 Lab File: VL040398.D
 Acq: 20 Apr 2023 9:50

Tgt Ion: 97 Resp: 1880974
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.8 77.8
 61 50.7 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 11

Delta R.T. -0.020 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 294925

Ion Ratio Lower Upper

114 100

63 24.9 21.4 32.0

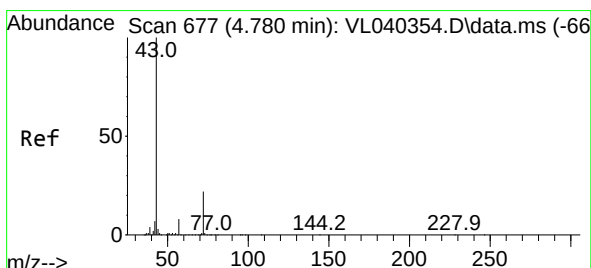
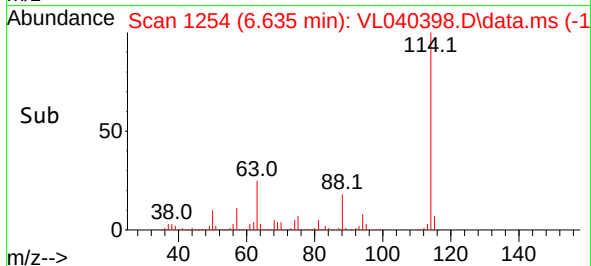
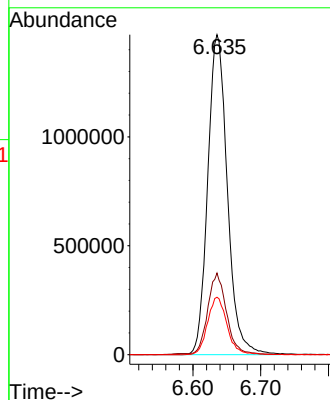
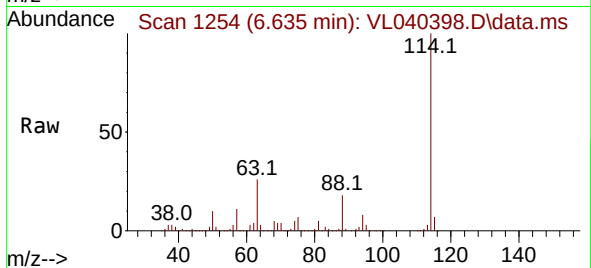
88 17.8 14.6 22.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

2-Butanone

Concen: 9.661 ppbv

RT: 4.764 min Scan# 672

Delta R.T. -0.016 min

Lab File: VL040398.D

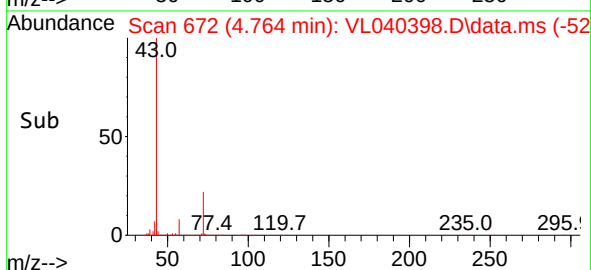
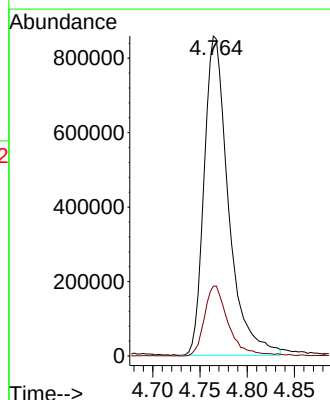
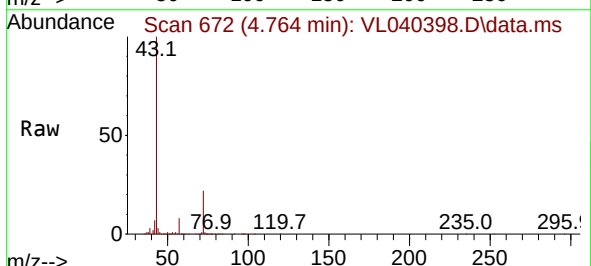
Acq: 20 Apr 2023 9:50

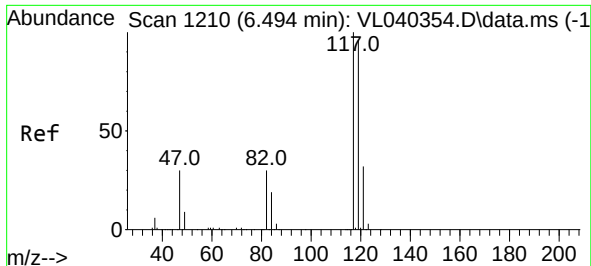
Tgt Ion: 43 Resp: 1536337

Ion Ratio Lower Upper

43 100

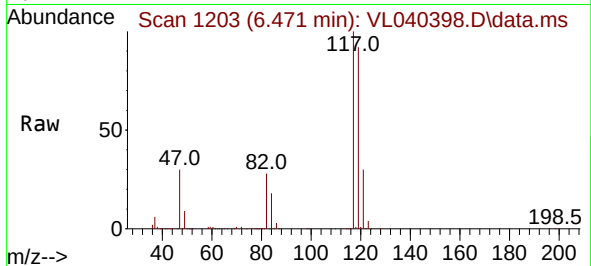
72 21.9 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.152 ppbv
RT: 6.471 min Scan# 1166
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

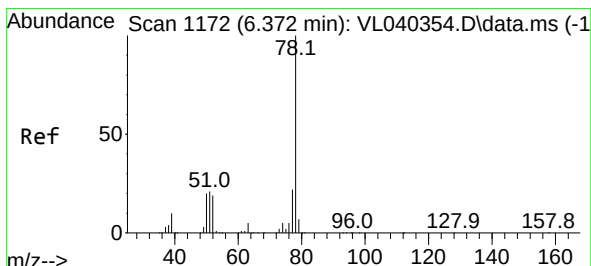
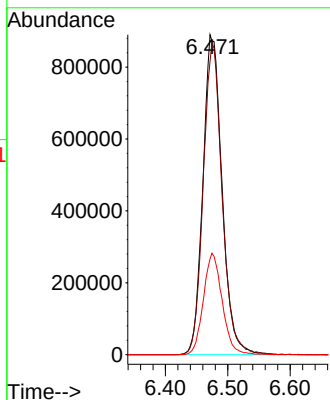
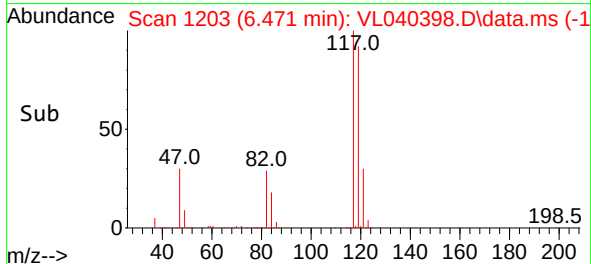
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1900074
Ion Ratio Lower Upper
117 100
119 91.7 76.6 114.8
121 29.9 25.3 37.9

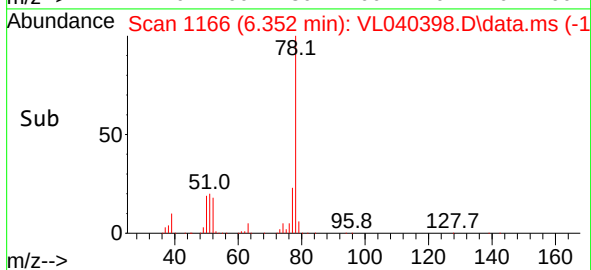
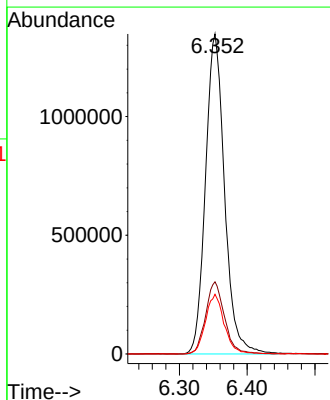
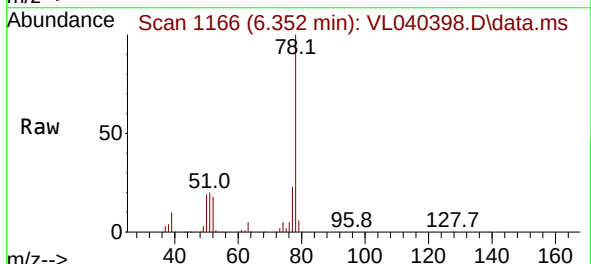
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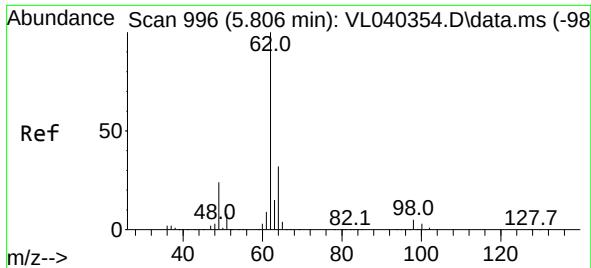
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
Benzene
Concen: 10.944 ppbv
RT: 6.352 min Scan# 1166
Delta R.T. -0.020 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion: 78 Resp: 2633364
Ion Ratio Lower Upper
78 100
77 22.5 17.8 26.8
50 18.6 15.6 23.4





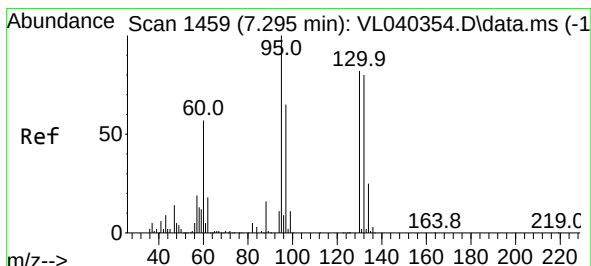
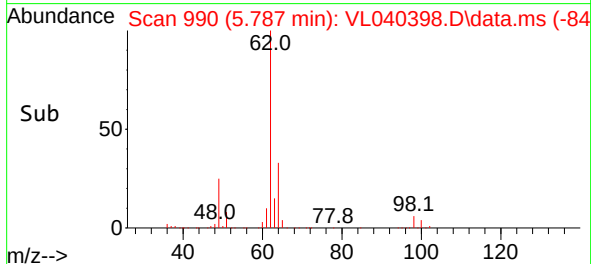
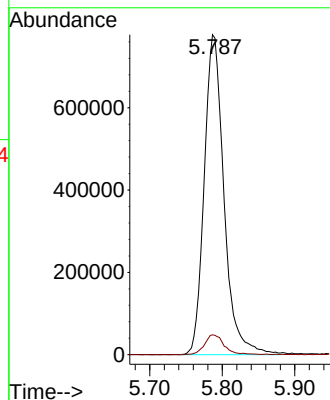
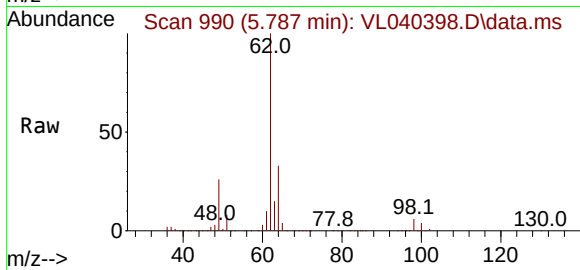
#37
1,2-Dichloroethane
Concen: 9.331 ppbv
RT: 5.787 min Scan# 996
Delta R.T. -0.019 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 1474824
Ion Ratio Lower Upper
62 100
98 6.3 4.4 6.6

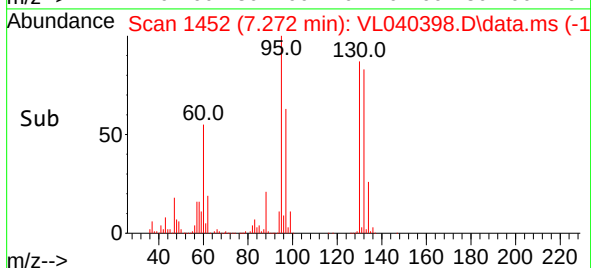
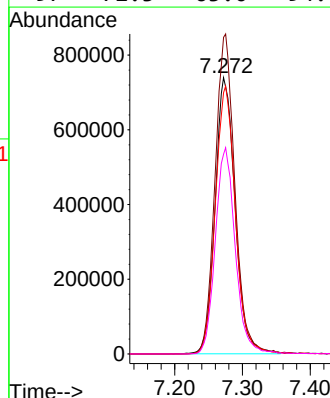
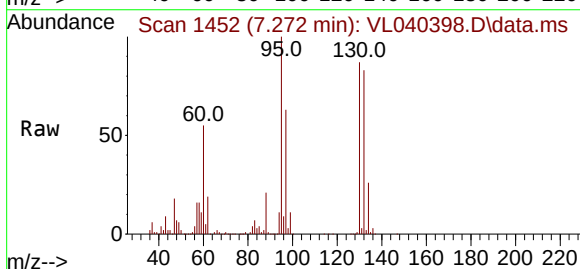
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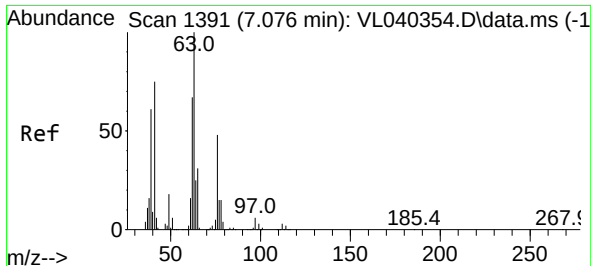
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Trichloroethene
Concen: 11.085 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion:130 Resp: 1518125
Ion Ratio Lower Upper
130 100
95 114.7 97.4 146.0
132 94.6 77.5 116.3
97 72.3 63.0 94.4





#39

1,2-Dichloropropane

Concen: 10.664 ppbv

RT: 7.057 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 1009680

Ion Ratio Lower Upper

63 100

41 67.7 59.6 89.4

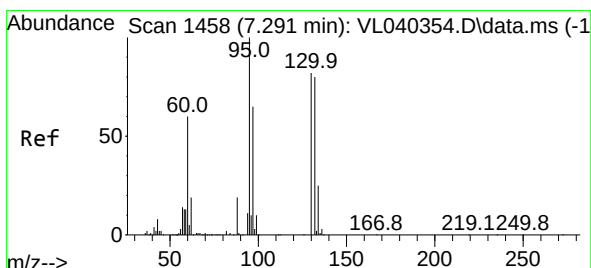
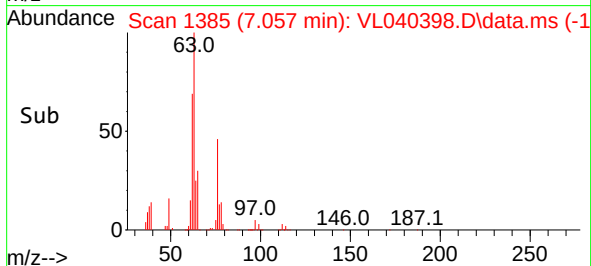
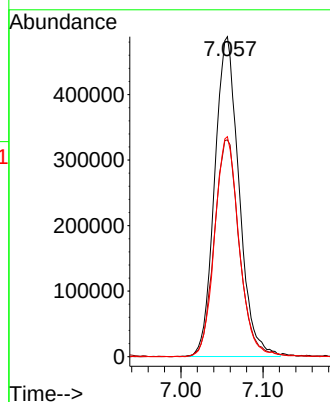
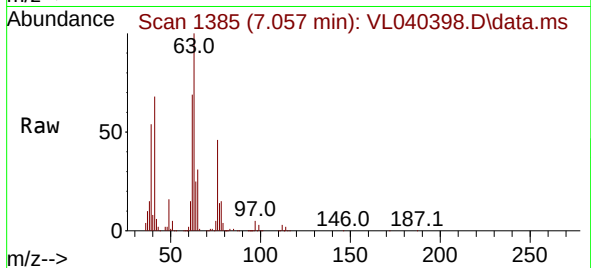
62 68.8 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

1,4-Dioxane

Concen: 11.283 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.022 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Tgt Ion: 88 Resp: 409119

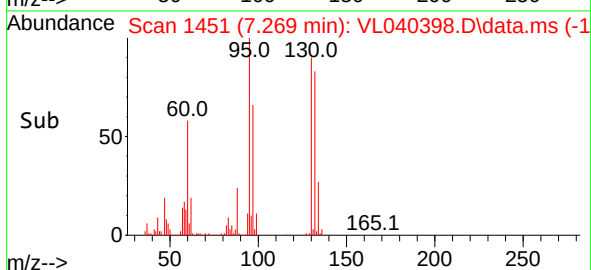
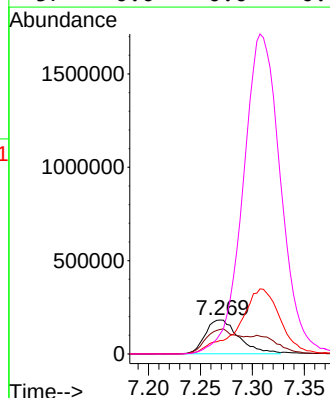
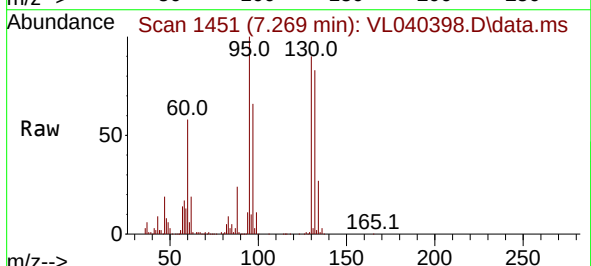
Ion Ratio Lower Upper

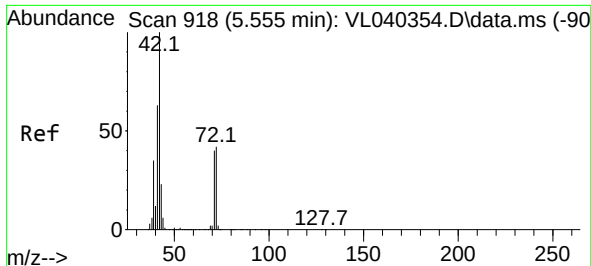
88 100

58 121.1 100.8 151.2

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 11.890 ppbv

RT: 5.536 min Scan# 918

Delta R.T. -0.019 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 103554

Ion Ratio Lower Upper

42 100

72 41.0 33.7 50.5

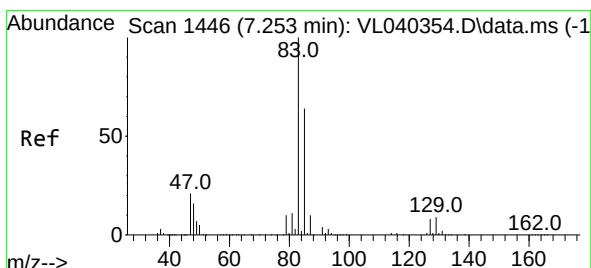
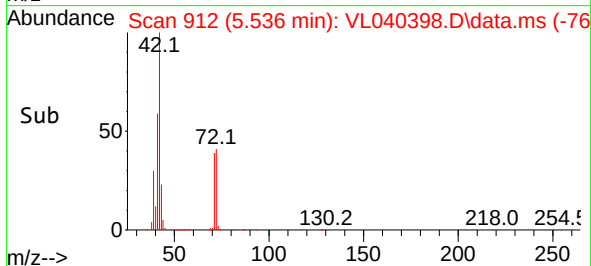
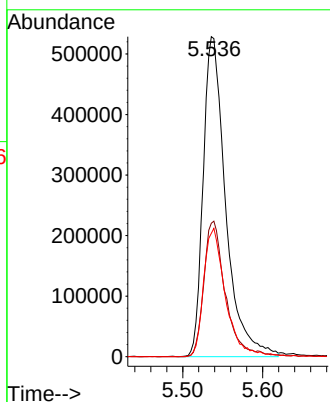
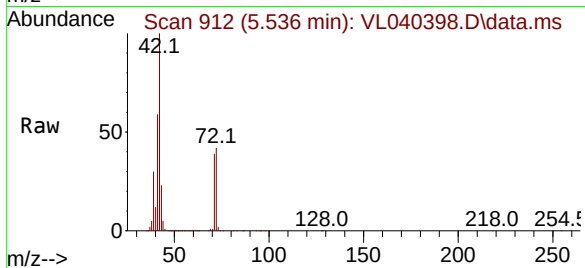
71 39.3 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#42

Bromodichloromethane

Concen: 9.632 ppbv

RT: 7.233 min Scan# 1440

Delta R.T. -0.020 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

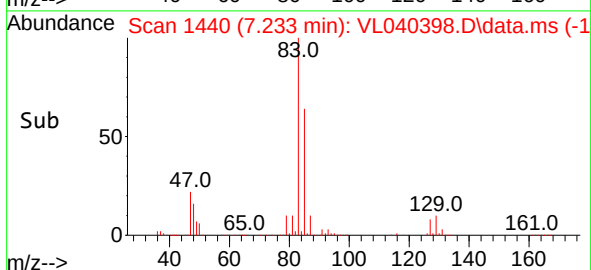
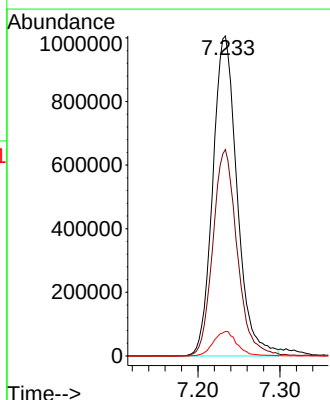
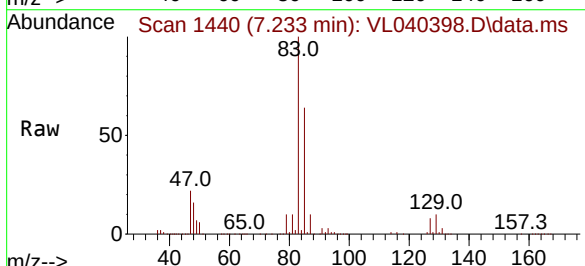
Tgt Ion: 83 Resp: 2078939

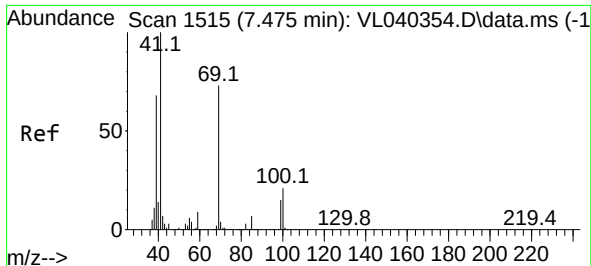
Ion Ratio Lower Upper

83 100

85 64.5 50.9 76.3

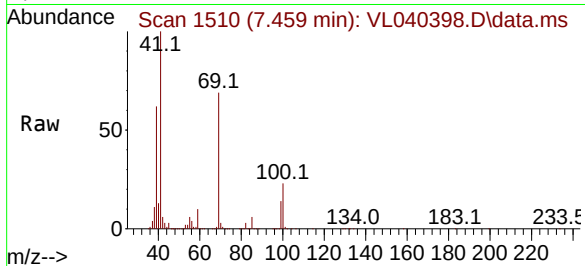
127 7.6 6.4 9.6





#43
Methyl Methacrylate
Concen: 11.741 ppbv
RT: 7.459 min Scan# 1463
Delta R.T. -0.016 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

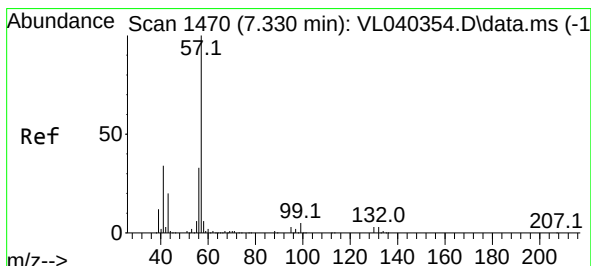
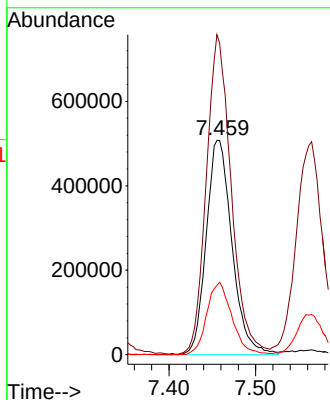
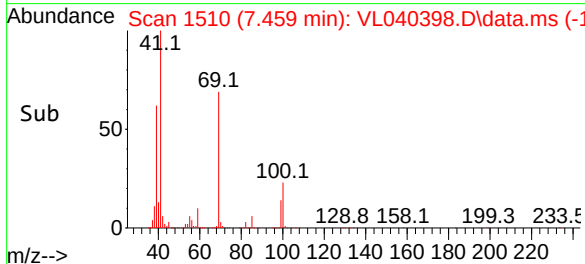


Tgt Ion: 69 Resp: 104929

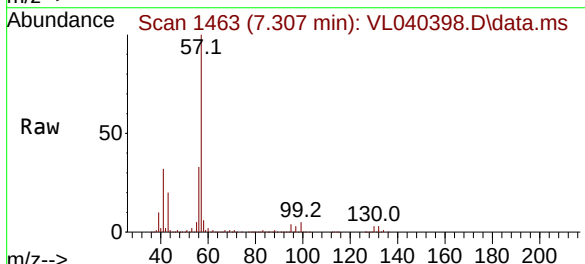
Ion	Ratio	Lower	Upper
69	100		
41	143.6	114.3	171.5
100	32.9	24.5	36.7

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

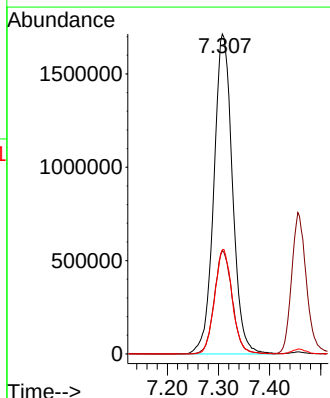
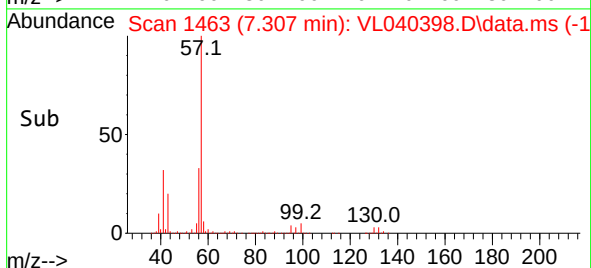


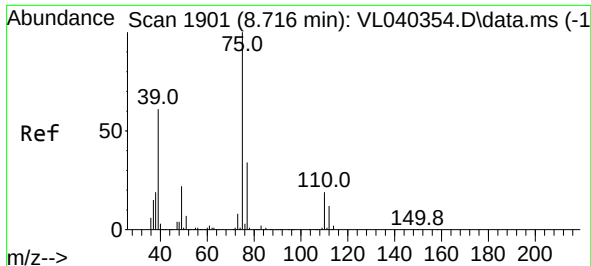
#44
2,2,4-Trimethylpentane
Concen: 10.787 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



Tgt Ion: 57 Resp: 4335277

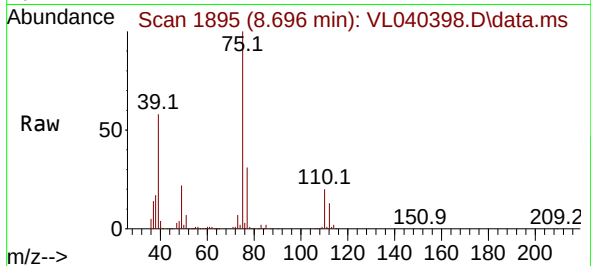
Ion	Ratio	Lower	Upper
57	100		
41	31.1	26.9	40.3
56	31.0	25.1	37.7





#45
t-1,3-Dichloropropene
Concen: 12.170 ppbv
RT: 8.696 min Scan# 1718
Delta R.T. -0.020 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

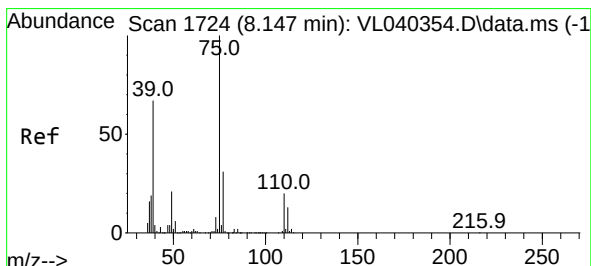
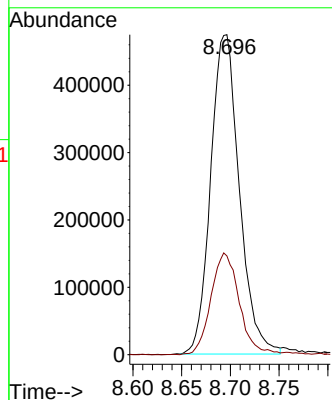
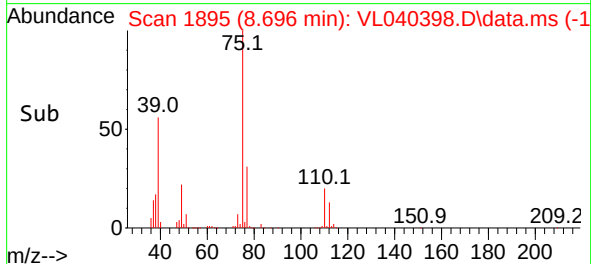
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 97157
Ion Ratio Lower Upper
75 100
77 30.9 26.8 40.2

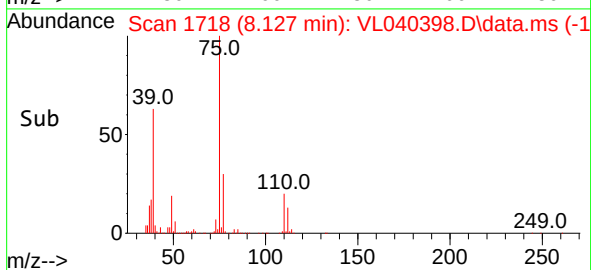
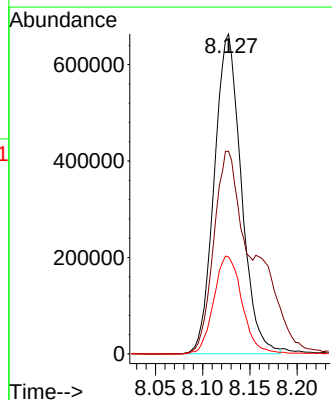
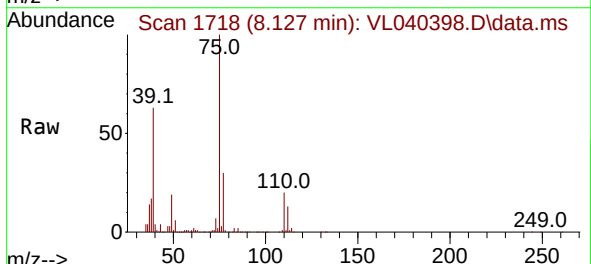
Manual Integrations
APPROVED

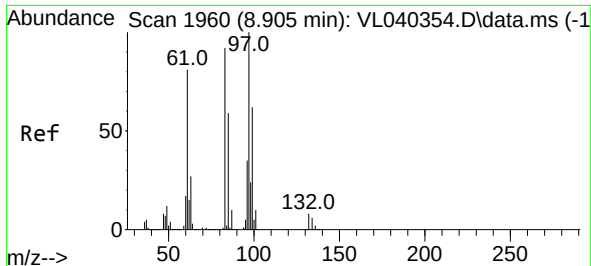
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#46
cis-1,3-Dichloropropene
Concen: 11.867 ppbv
RT: 8.127 min Scan# 1718
Delta R.T. -0.020 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

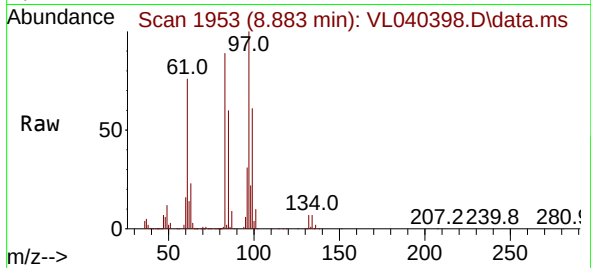
Tgt Ion: 75 Resp: 1318645
Ion Ratio Lower Upper
75 100
39 63.3 53.4 80.2
77 30.4 24.7 37.1





#47
1,1,2-Trichloroethane
Concen: 10.075 ppbv
RT: 8.883 min Scan# 1960
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

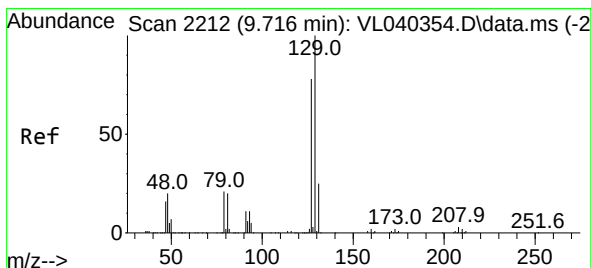
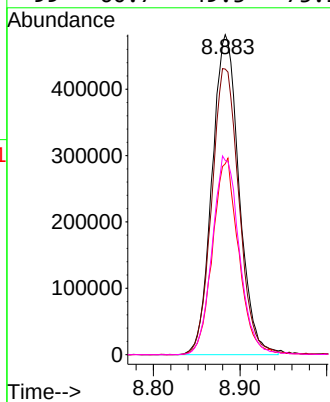
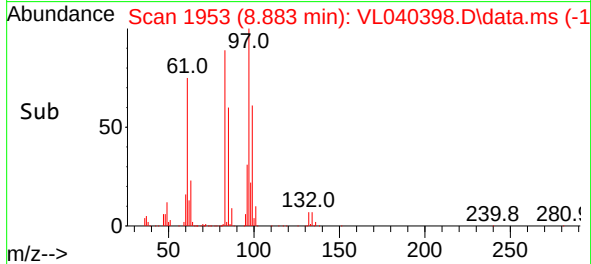


Tgt Ion: 97 Resp: 104584

Ion	Ratio	Lower	Upper
97	100		
83	89.2	73.3	109.9
85	59.6	46.9	70.3
99	60.7	49.3	73.9

Manual Integrations
APPROVED

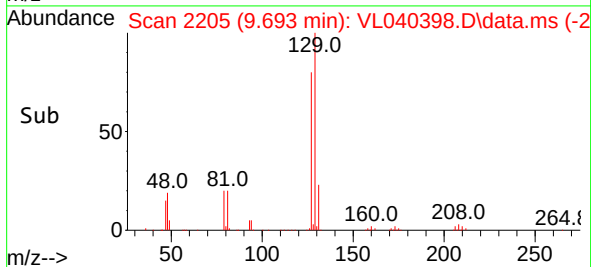
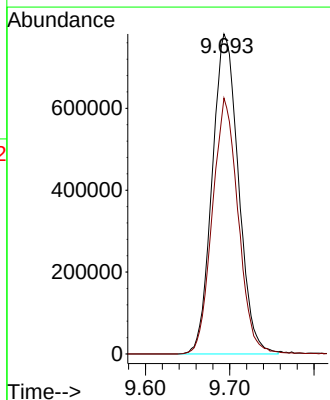
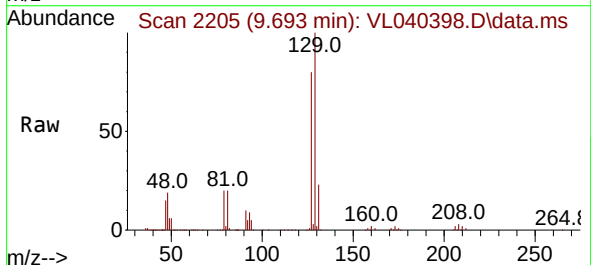
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

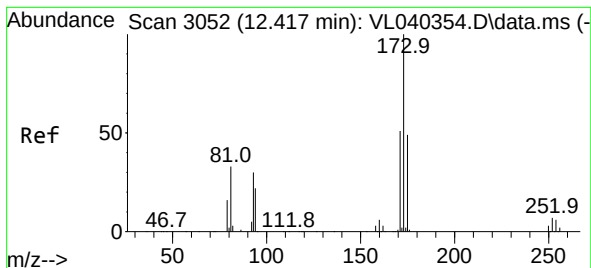


#48
Dibromochloromethane
Concen: 10.131 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Tgt Ion:129 Resp: 1693756

Ion	Ratio	Lower	Upper
129	100		
127	78.6	39.2	117.6





#49

Bromoform

Concen: 10.273 ppbv

RT: 12.394 min Scan# 3052

Delta R.T. -0.023 min

Lab File: VL040398.D

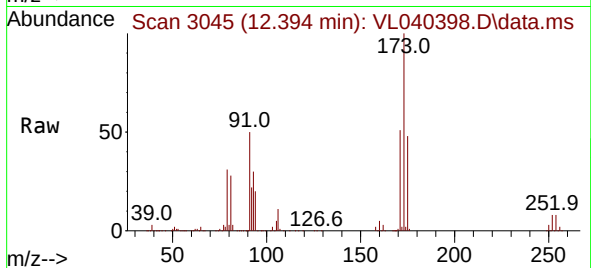
Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 173 Resp: 1339529

Ion Ratio Lower Upper

173 100

175 48.9 39.8 59.8

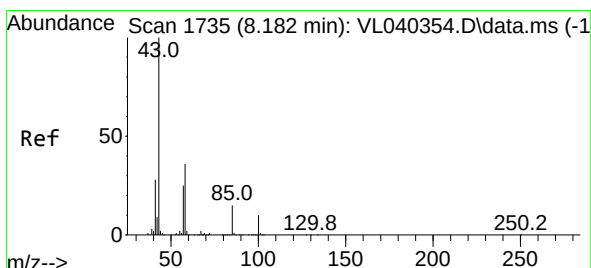
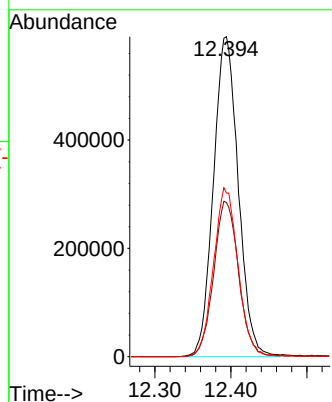
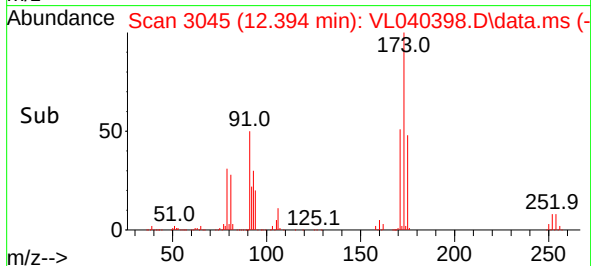
171 52.2 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#50

4-Methyl-2-Pentanone

Concen: 10.954 ppbv

RT: 8.166 min Scan# 1730

Delta R.T. -0.016 min

Lab File: VL040398.D

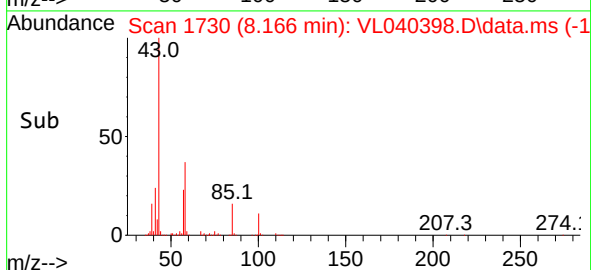
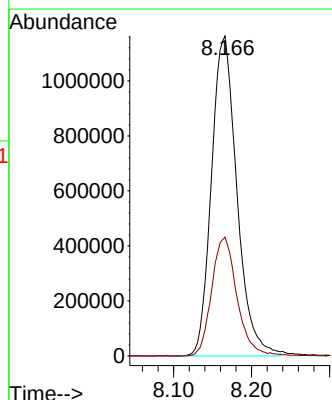
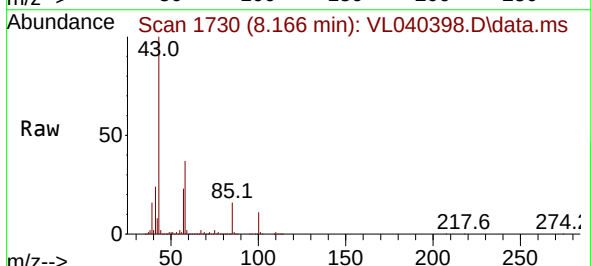
Acq: 20 Apr 2023 9:50

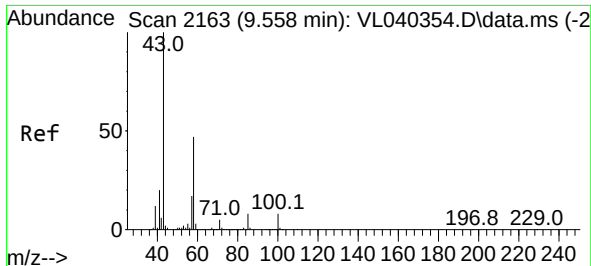
Tgt Ion: 43 Resp: 2641269

Ion Ratio Lower Upper

43 100

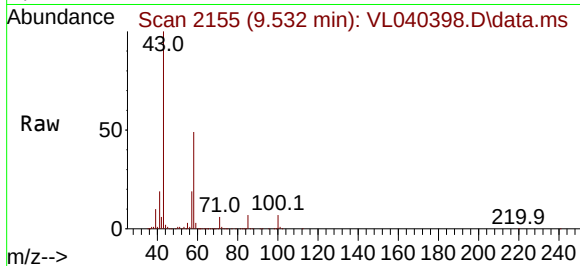
58 37.1 28.6 43.0





#51
2-Hexanone
Concen: 11.750 ppbv
RT: 9.532 min Scan# 2163
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

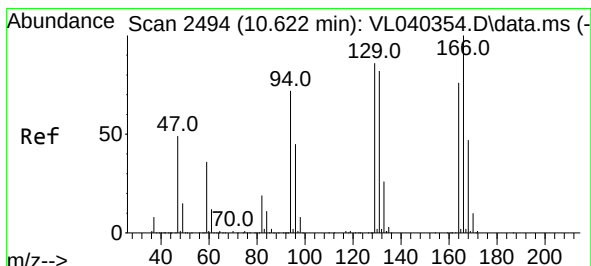
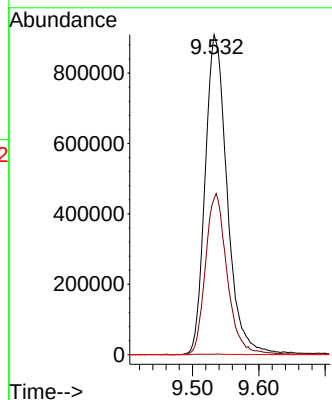
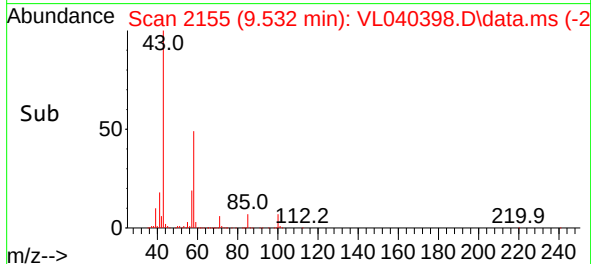
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



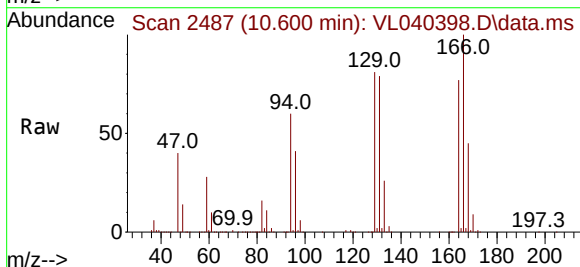
Tgt Ion: 43 Resp: 2093594
Ion Ratio Lower Upper
43 100
58 49.7 38.3 57.5
98 0.1 0.4 0.6

Manual Integrations
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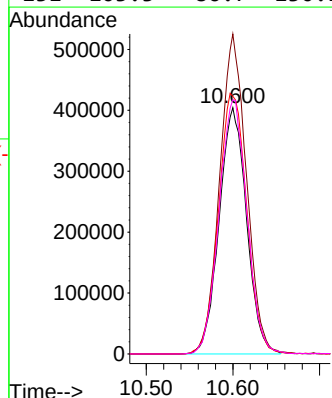
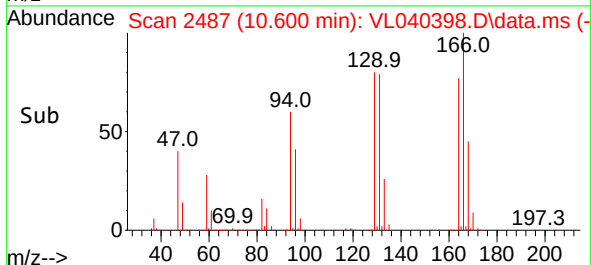
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

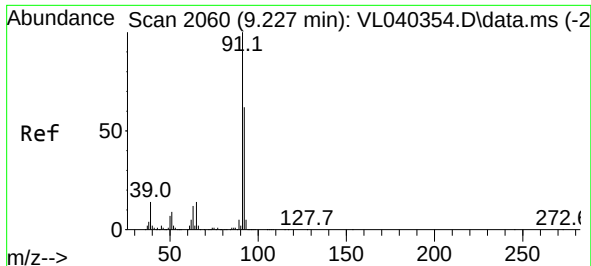


#52
Tetrachloroethene
Concen: 11.771 ppbv
RT: 10.600 min Scan# 2487
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



Tgt Ion:164 Resp: 885966
Ion Ratio Lower Upper
164 100
166 129.9 105.2 157.8
129 104.6 90.3 135.5
131 103.3 86.7 130.1





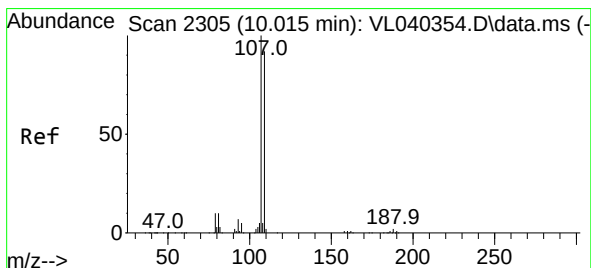
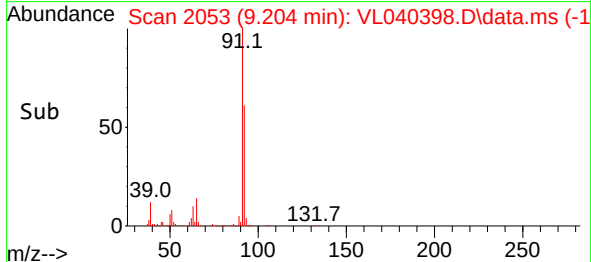
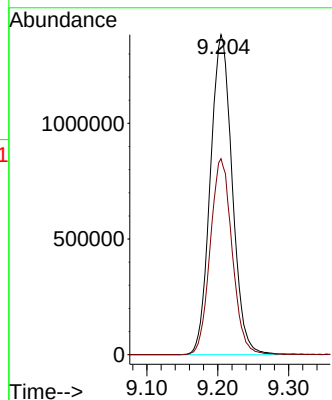
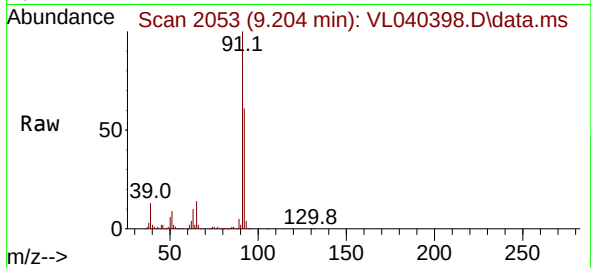
#53
Toluene
Concen: 11.613 ppbv
RT: 9.204 min Scan# 2060
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2962480
Ion Ratio Lower Upper
91 100
92 61.4 48.9 73.3

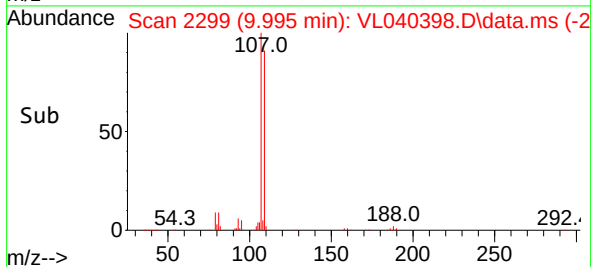
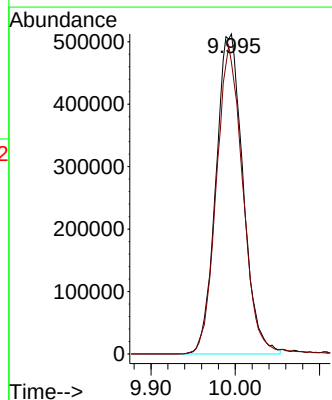
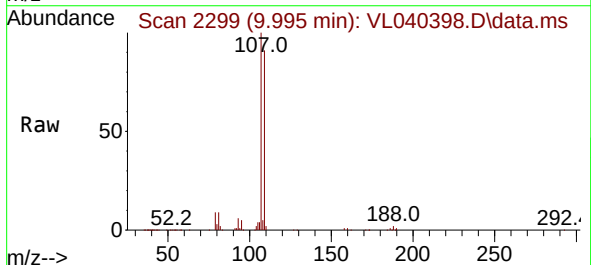
Manual Integrations
APPROVED

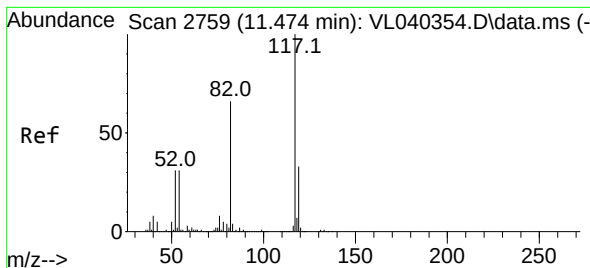
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#54
1,2-Dibromoethane
Concen: 10.862 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.020 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

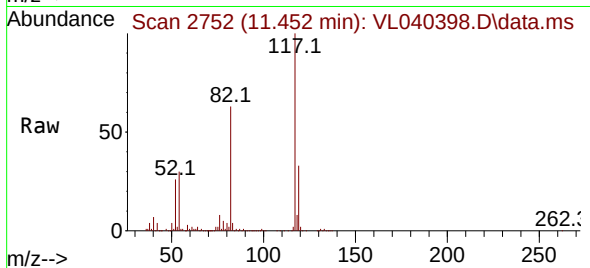
Tgt Ion:107 Resp: 1143173
Ion Ratio Lower Upper
107 100
109 91.2 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 2752
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

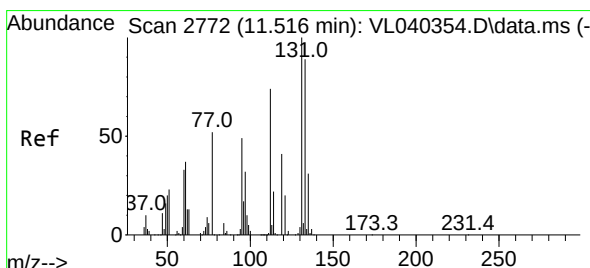
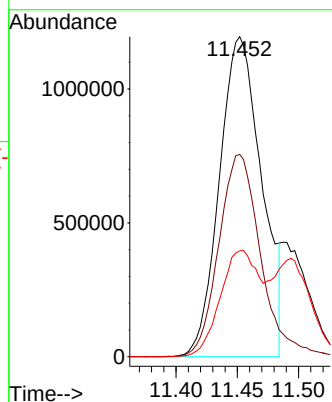
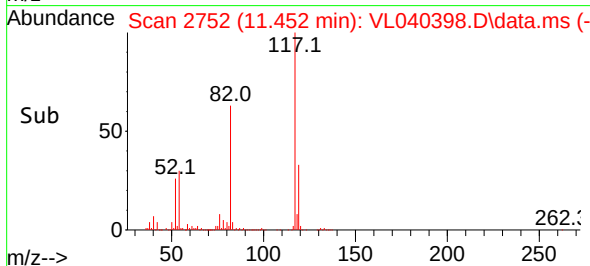
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



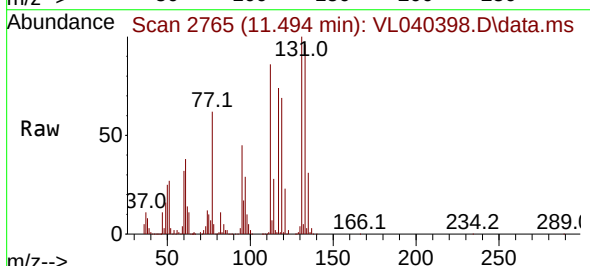
Tgt Ion:117 Resp: 2867608
Ion Ratio Lower Upper
117 100
82 62.7 52.5 78.7
119 30.2 24.3 36.5

Manual Integrations
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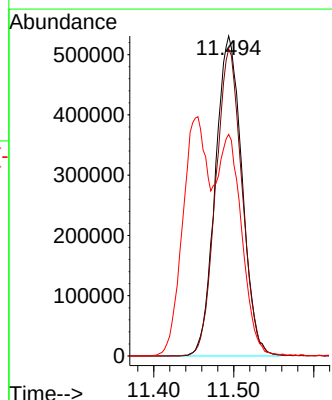
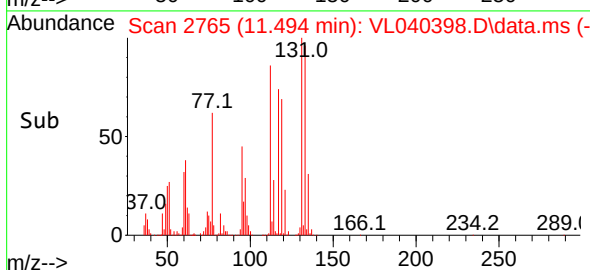
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

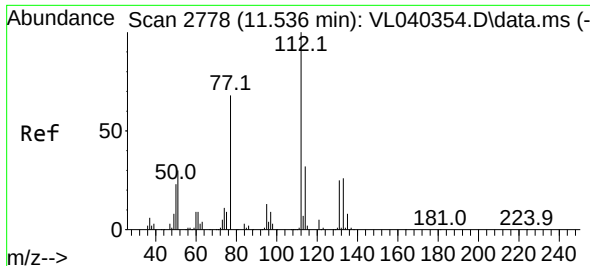


#56
1,1,1,2-Tetrachloroethane
Concen: 9.369 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



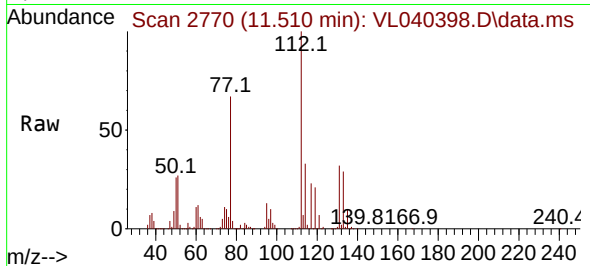
Tgt Ion:131 Resp: 1226373
Ion Ratio Lower Upper
131 100
133 94.7 75.3 112.9
119 58.7 53.9 80.9





#57
Chlorobenzene
Concen: 9.837 ppbv
RT: 11.510 min Scan# 211
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

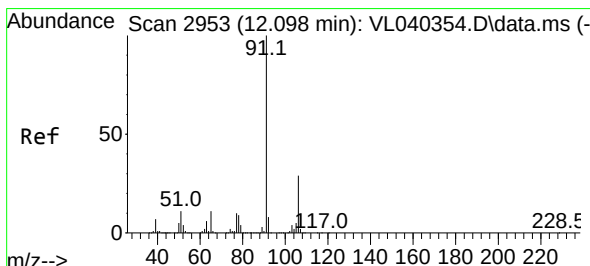
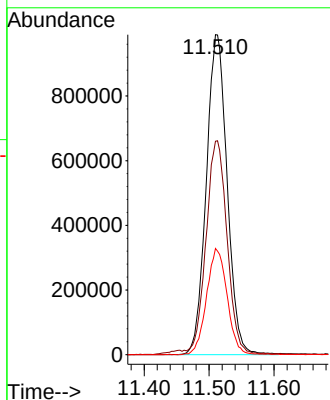
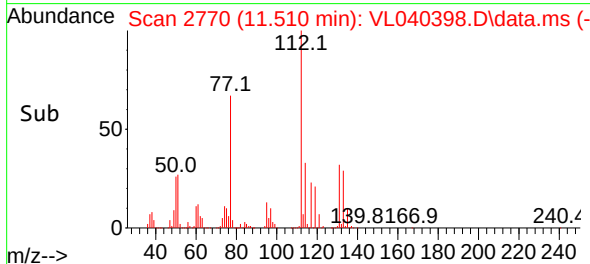
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 2208760
Ion Ratio Lower Upper
112 100
77 66.4 55.8 83.8
114 33.2 29.1 35.5

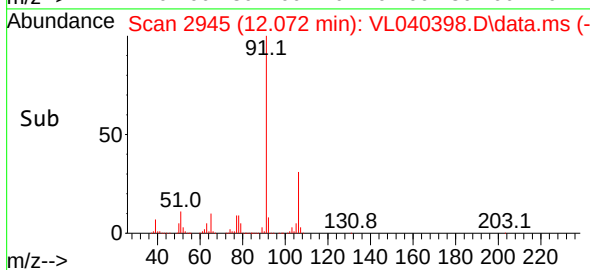
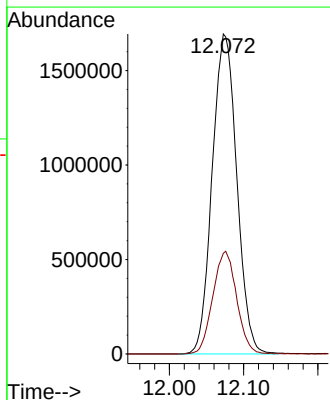
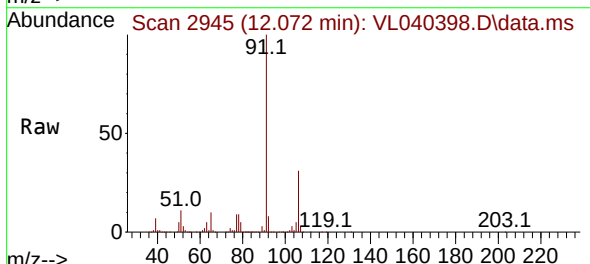
Manual Integrations
APPROVED

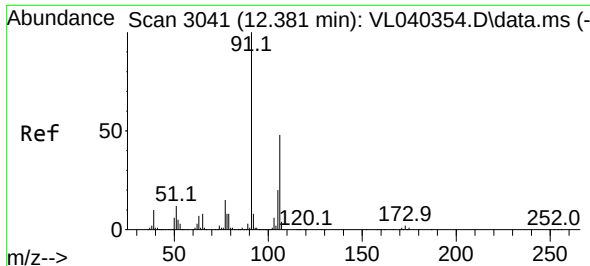
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#58
Ethyl Benzene
Concen: 11.039 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

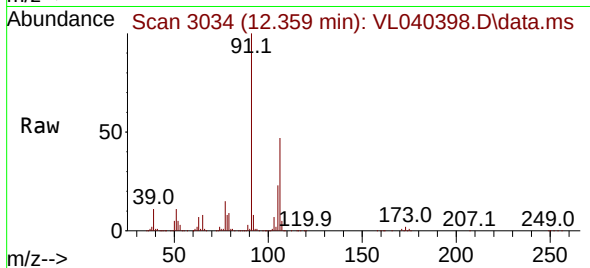
Tgt Ion: 91 Resp: 3894023
Ion Ratio Lower Upper
91 100
106 31.4 23.5 35.3





#59
m/p-Xylene
Concen: 19.963 ppbv m
RT: 12.359 min Scan# 3041
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

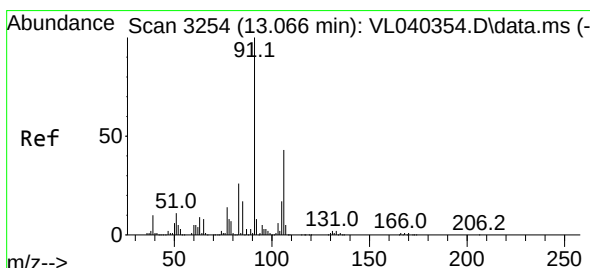
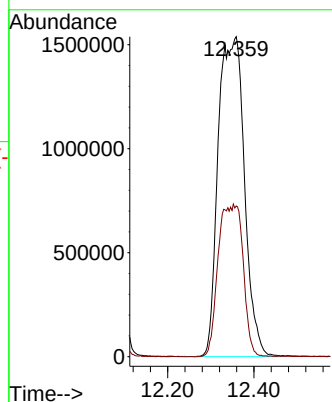
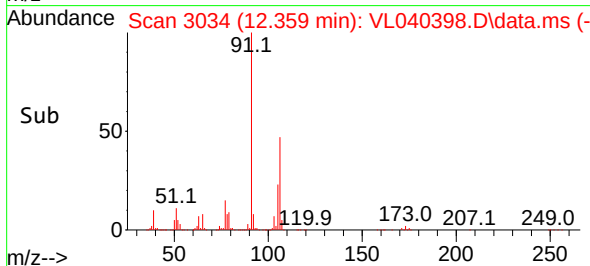
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 647590
Ion Ratio Lower Upper
91 100
106 45.4 34.7 52.1

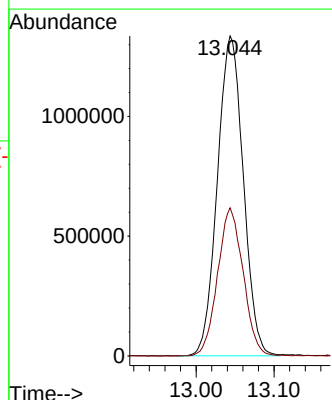
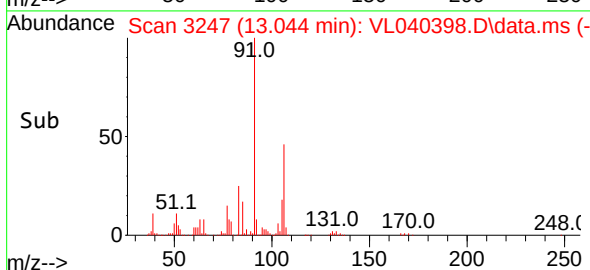
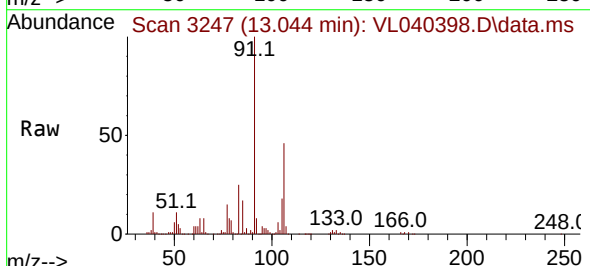
Manual Integrations
APPROVED

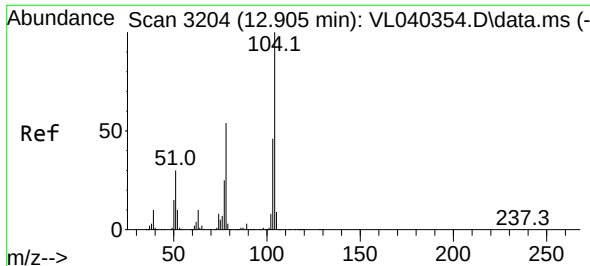
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#60
o-Xylene
Concen: 9.914 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

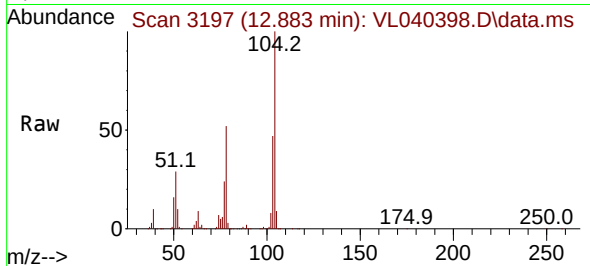
Tgt Ion: 91 Resp: 3086647
Ion Ratio Lower Upper
91 100
106 45.7 21.9 65.8





#61
Styrene
Concen: 12.045 ppbv
RT: 12.883 min Scan# 3197
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

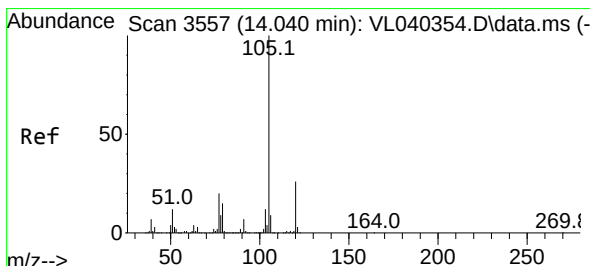
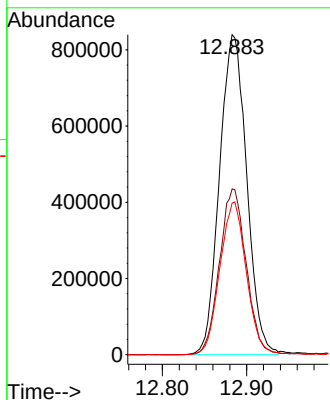
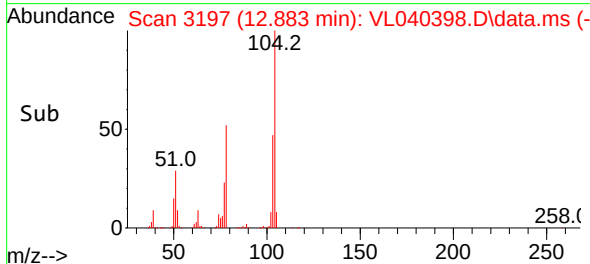
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



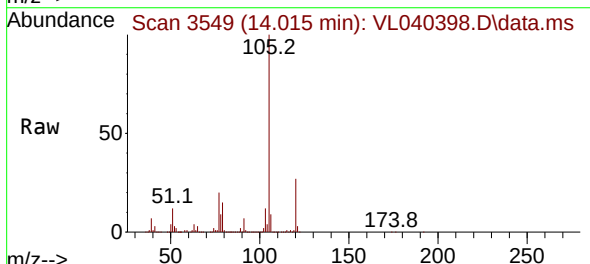
Tgt Ion:104 Resp: 1878550
Ion Ratio Lower Upper
104 100
78 51.2 43.4 65.0
103 46.8 37.0 55.4

Manual Integrations
APPROVED

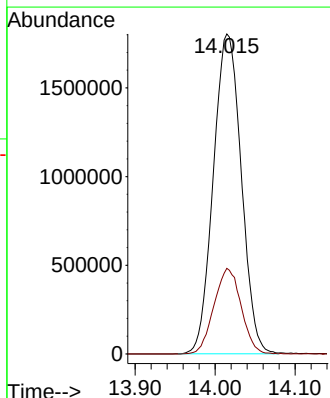
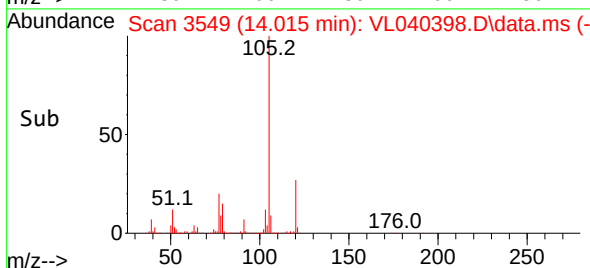
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

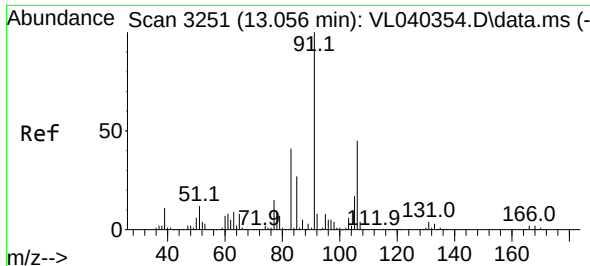


#62
Isopropylbenzene
Concen: 9.761 ppbv
RT: 14.015 min Scan# 3549
Delta R.T. -0.025 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



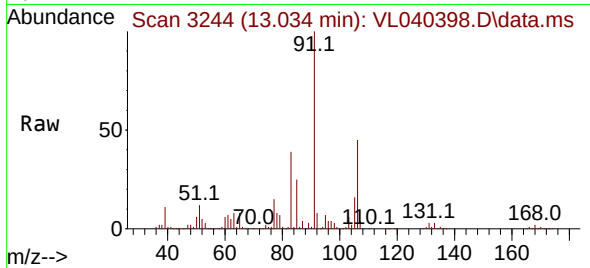
Tgt Ion:105 Resp: 4376509
Ion Ratio Lower Upper
105 100
120 26.0 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.482 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

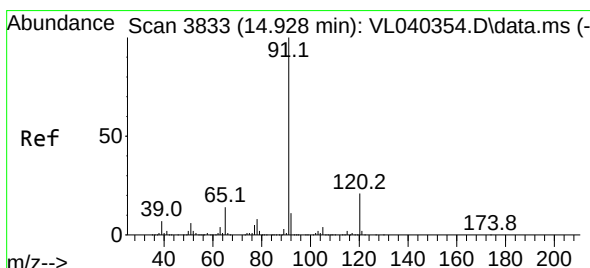
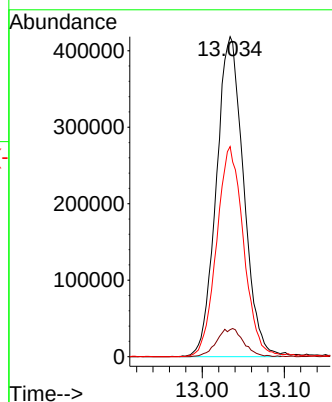
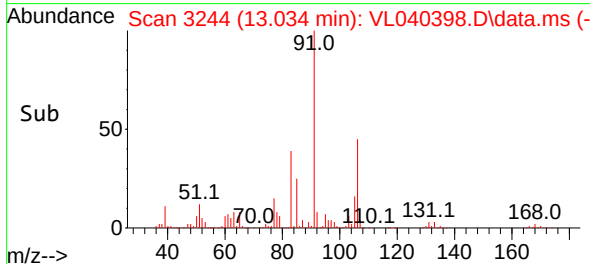
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 96635
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 65.8 32.9 98.6

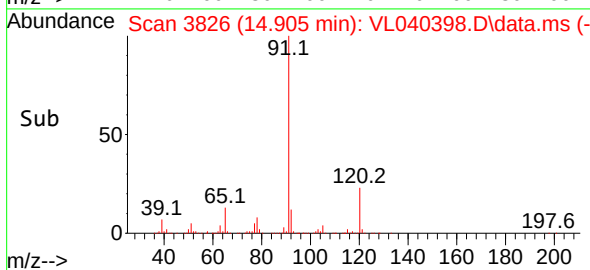
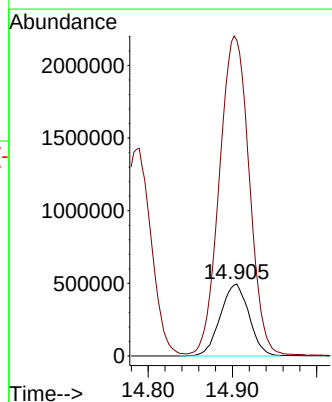
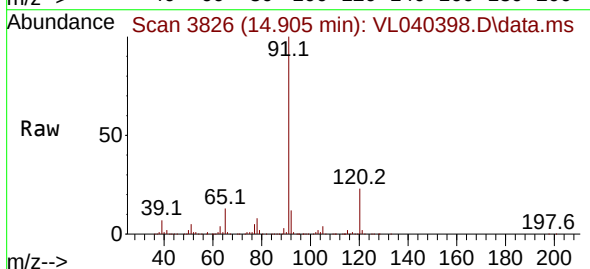
Manual Integrations
APPROVED

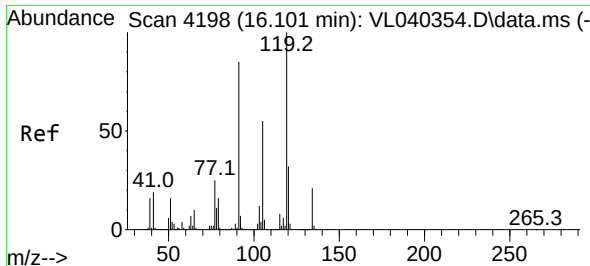
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
n-propylbenzene
Concen: 10.591 ppbv
RT: 14.905 min Scan# 3826
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

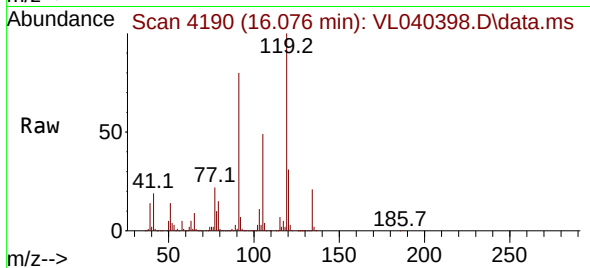
Tgt Ion:120 Resp: 1168397
Ion Ratio Lower Upper
120 100
91 466.2 397.4 596.0





#65
tert-Butylbenzene
Concen: 9.836 ppbv
RT: 16.076 min Scan# 4198
Delta R.T. -0.025 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

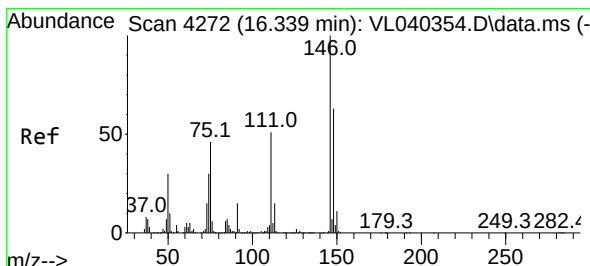
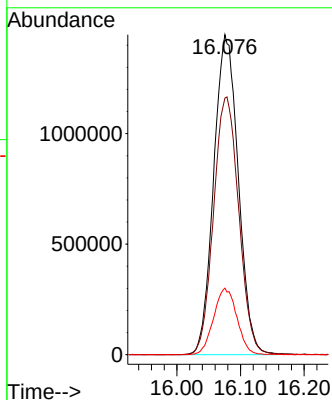
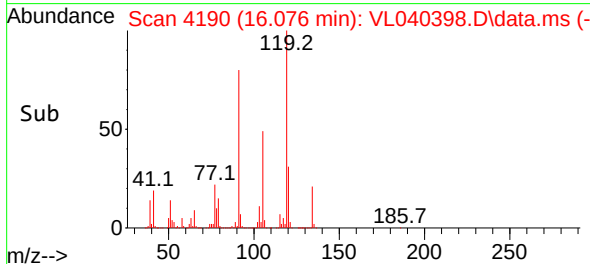
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



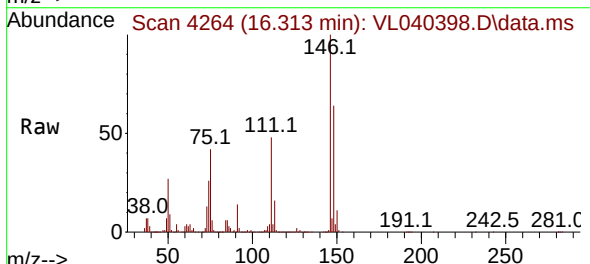
Tgt Ion: 119 Resp: 388005
Ion Ratio Lower Upper
119 100
91 82.7 70.1 105.1
134 19.7 15.6 23.4

Manual Integrations
APPROVED

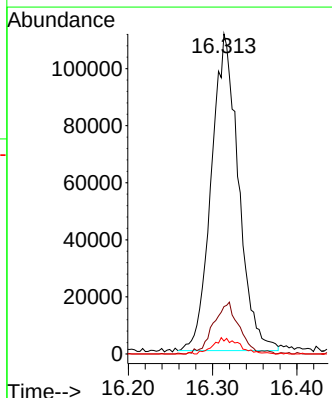
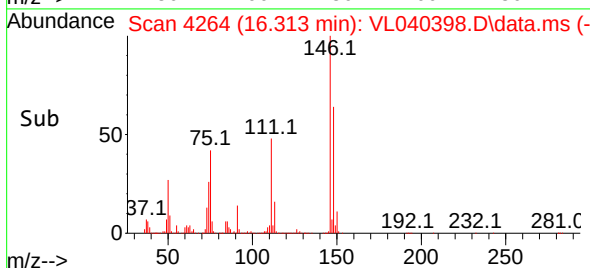
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

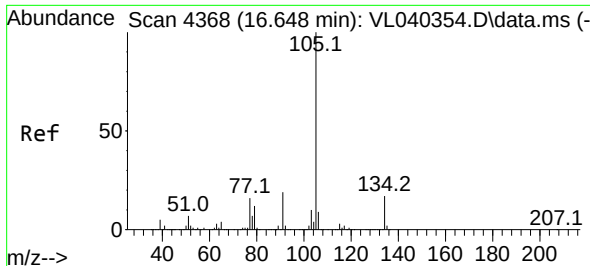


#66
Benzyl Chloride
Concen: 10.194 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



Tgt Ion: 91 Resp: 248968
Ion Ratio Lower Upper
91 100
126 15.8 12.3 18.5
128 5.0 4.1 6.1





#67

sec-Butylbenzene

Concen: 9.664 ppbv

RT: 16.622 min Scan# 41

Delta R.T. -0.026 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 5475780

Ion Ratio Lower Upper

105 100

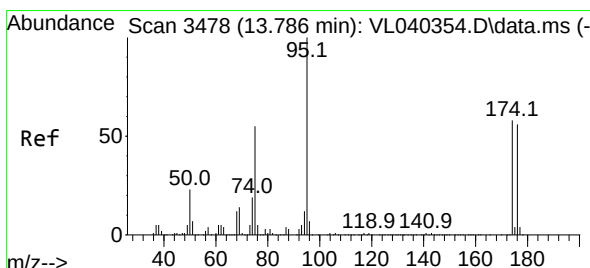
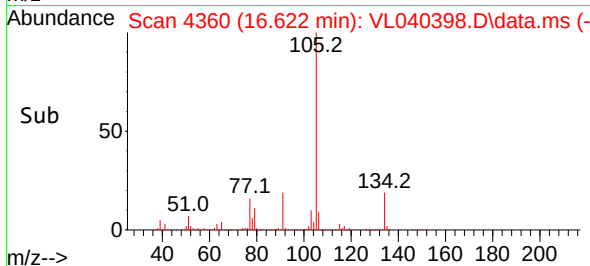
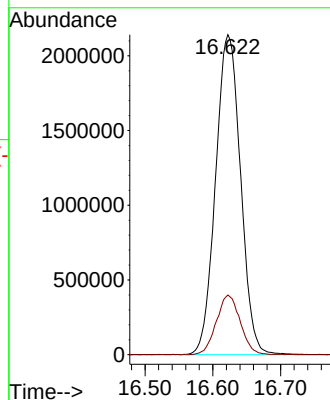
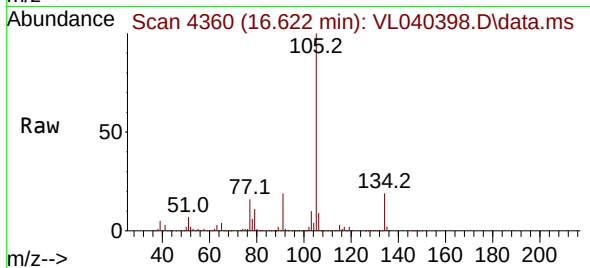
134 17.9 13.8 20.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.198 ppbv

RT: 13.761 min Scan# 3470

Delta R.T. -0.025 min

Lab File: VL040398.D

Acq: 20 Apr 2023 9:50

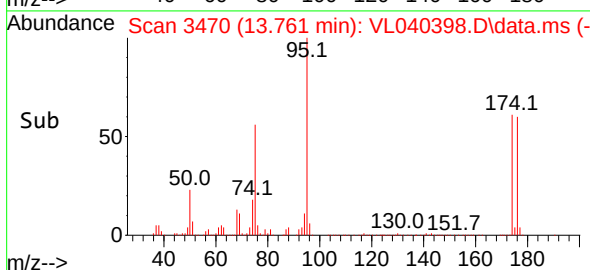
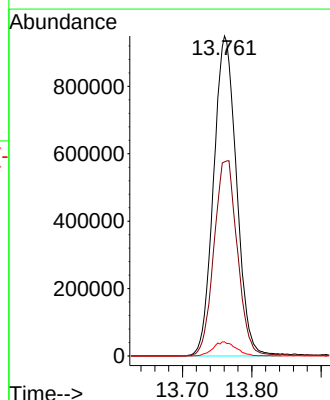
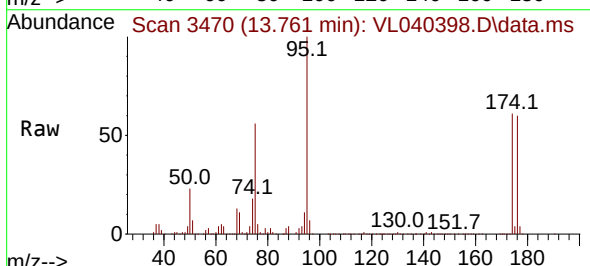
Tgt Ion: 95 Resp: 2181239

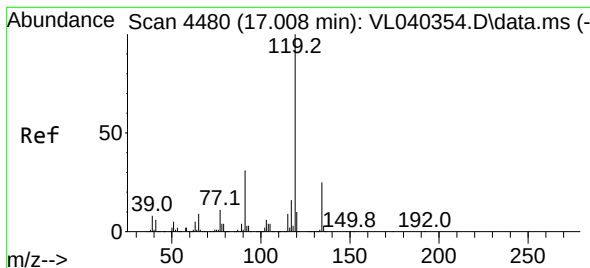
Ion Ratio Lower Upper

95 100

174 62.7 47.2 70.8

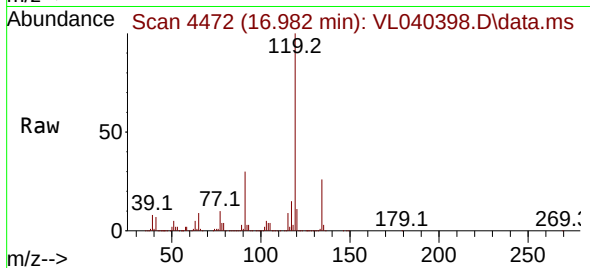
175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.339 ppbv
RT: 16.982 min Scan# 4480
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

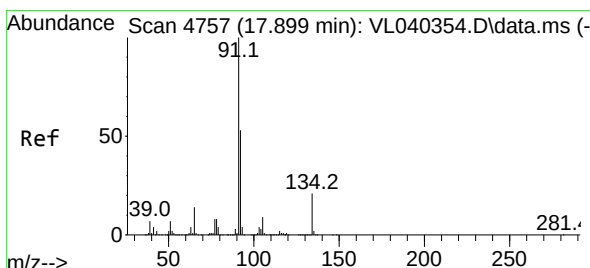
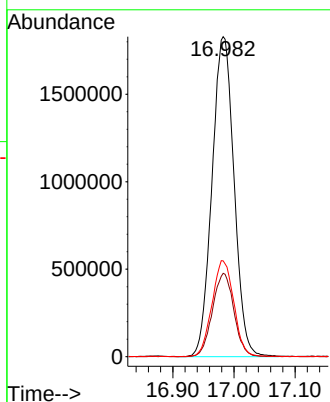
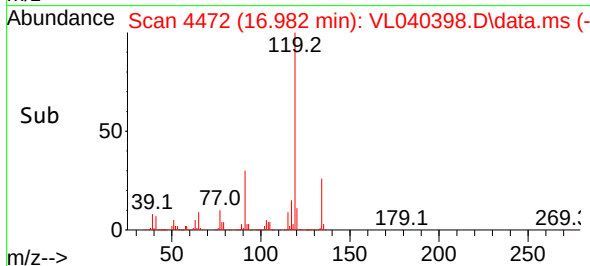
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



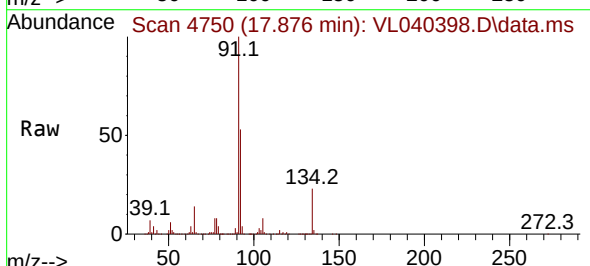
Tgt Ion:119 Resp: 457442
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 29.7 25.7 38.5

Manual Integrations
APPROVED

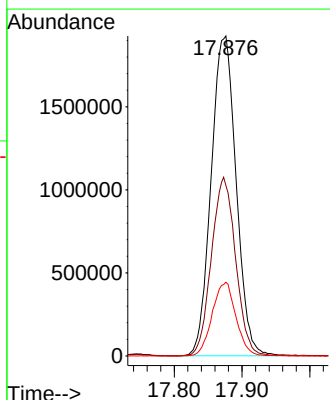
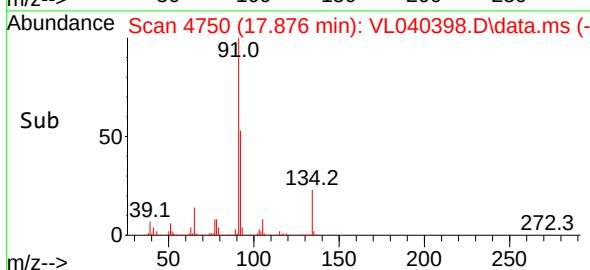
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

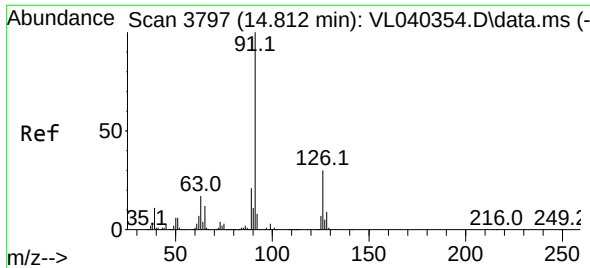


#70
n-Butylbenzene
Concen: 10.055 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



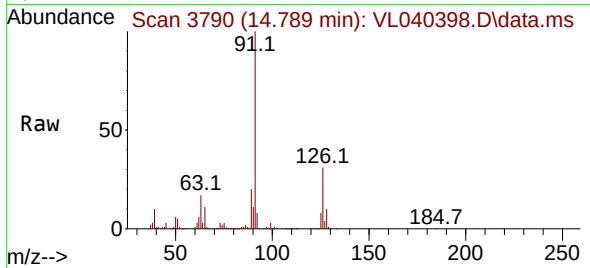
Tgt Ion: 91 Resp: 4931832
Ion Ratio Lower Upper
91 100
92 54.1 43.0 64.4
134 22.0 16.6 25.0





#71
2-Chlorotoluene
Concen: 9.784 ppbv
RT: 14.789 min Scan# 3111
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

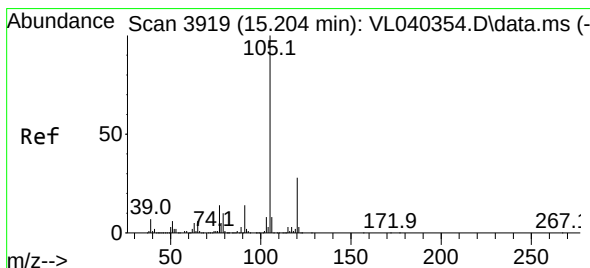
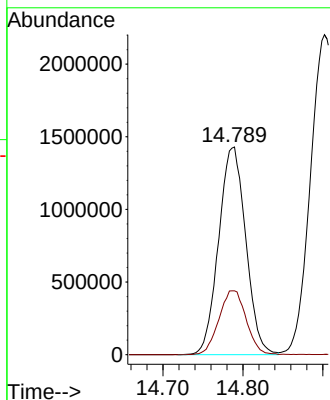
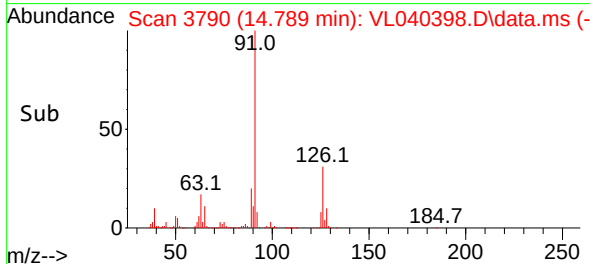
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



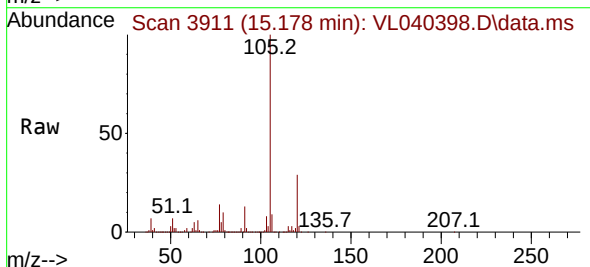
Tgt Ion: 91 Resp: 3367968
Ion Ratio Lower Upper
91 100
126 31.1 11.8 47.4

Manual Integrations
APPROVED

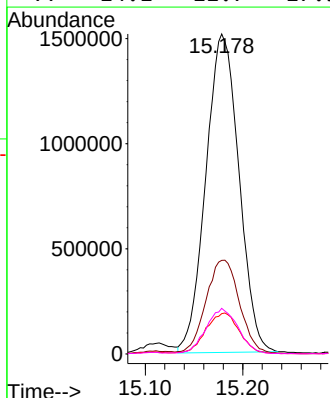
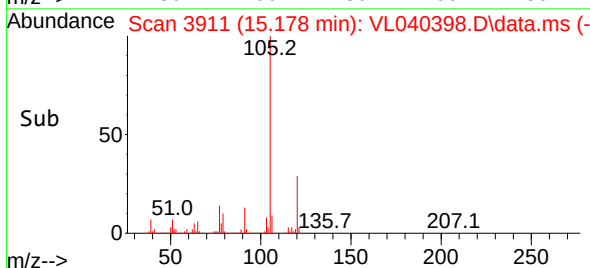
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

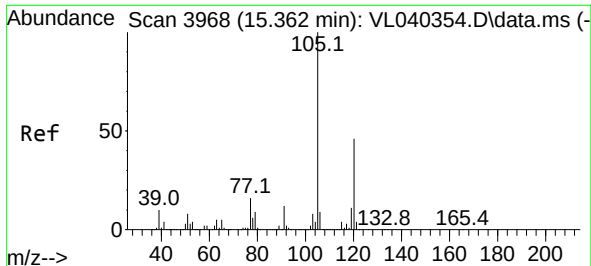


#72
4-Ethyltoluene
Concen: 10.395 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



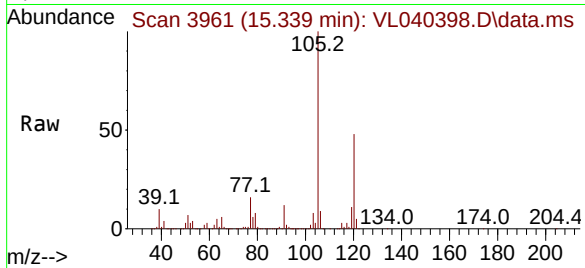
Tgt Ion:105 Resp: 3572840
Ion Ratio Lower Upper
105 100
120 30.1 23.0 34.6
91 13.1 11.3 16.9
77 14.1 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 10.139 ppbv
RT: 15.339 min Scan# 3961
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

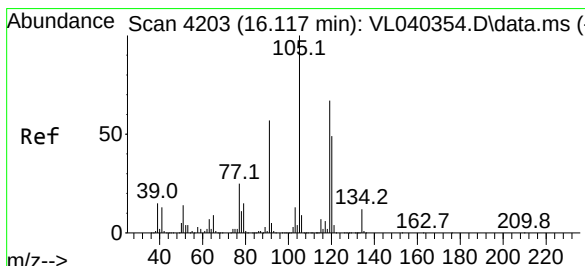
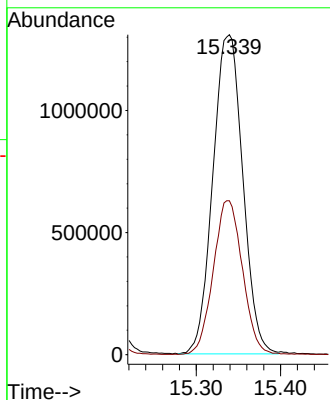
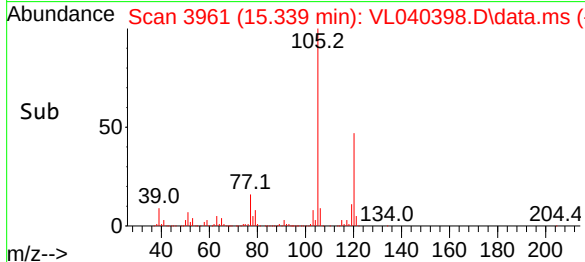
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



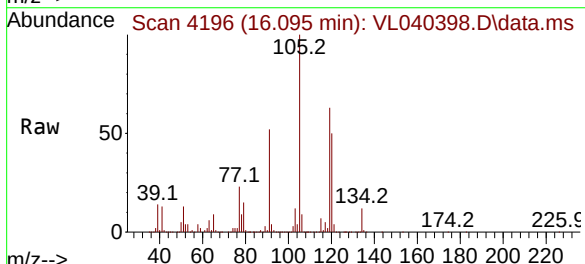
Tgt Ion:105 Resp: 3219130
Ion Ratio Lower Upper
105 100
120 48.1 36.9 55.3

Manual Integrations
APPROVED

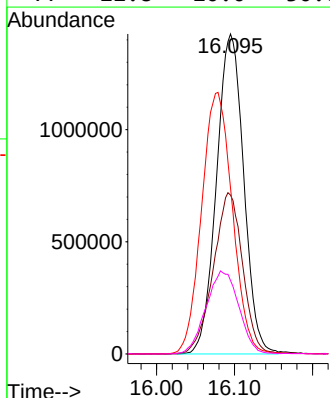
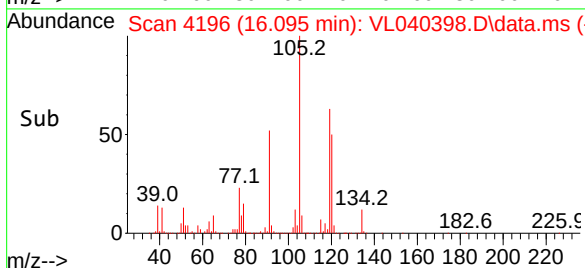
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

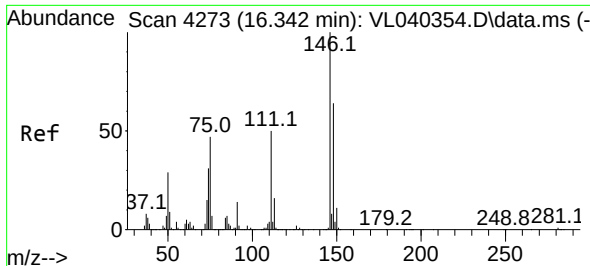


#74
1,2,4-Trimethylbenzene
Concen: 9.521 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.022 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



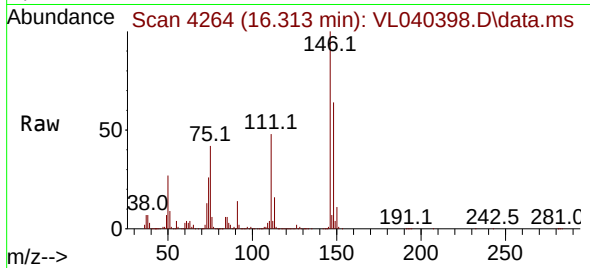
Tgt Ion:105 Resp: 3454956
Ion Ratio Lower Upper
105 100
120 49.4 38.9 58.3
91 51.5 46.0 69.0
77 22.8 20.0 30.0





#75
1,3-Dichlorobenzene
Concen: 10.035 ppbv
RT: 16.313 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

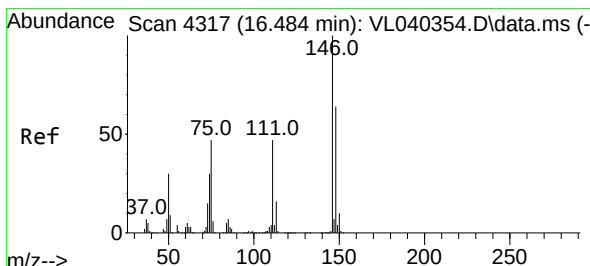
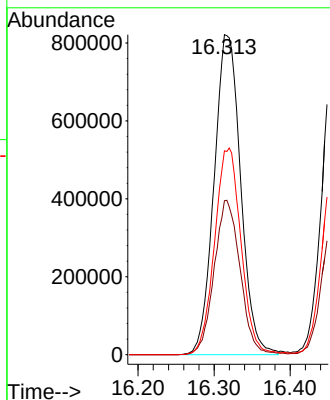
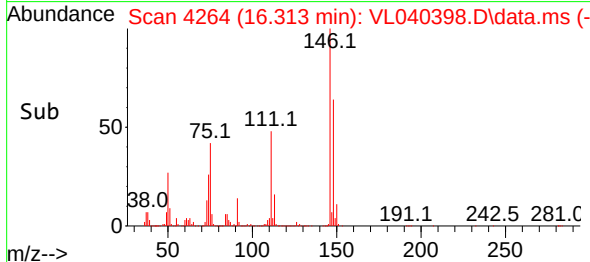
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



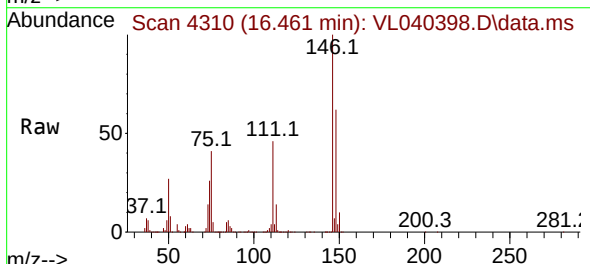
Tgt Ion:146 Resp: 1994630
Ion Ratio Lower Upper
146 100
111 47.2 24.6 74.0
148 64.4 32.1 96.3

Manual Integrations
APPROVED

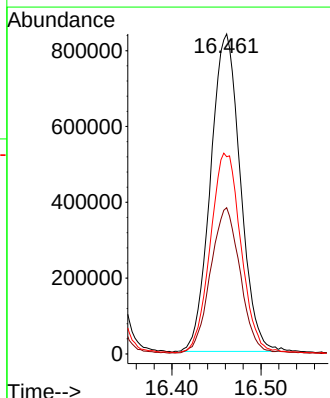
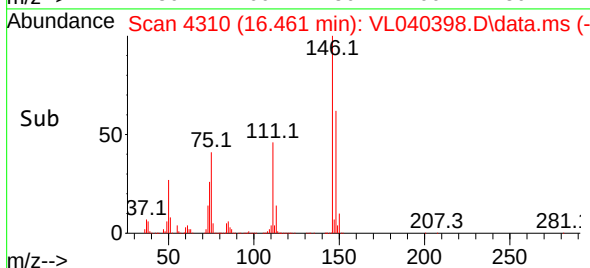
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

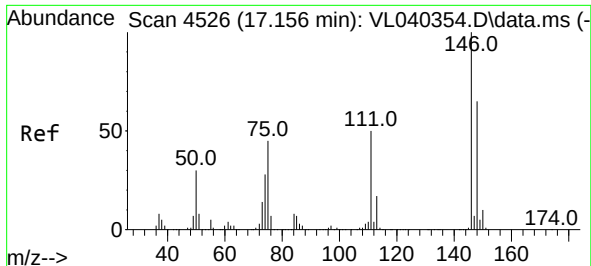


#76
1,4-Dichlorobenzene
Concen: 9.903 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



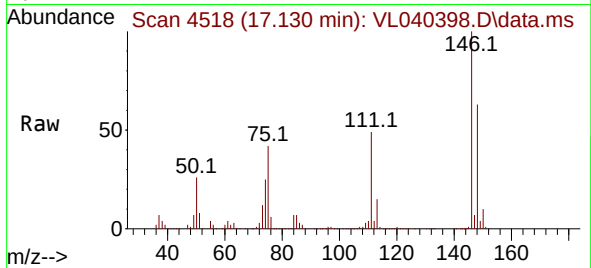
Tgt Ion:146 Resp: 1944782
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.4
148 66.0 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.970 ppbv
RT: 17.130 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

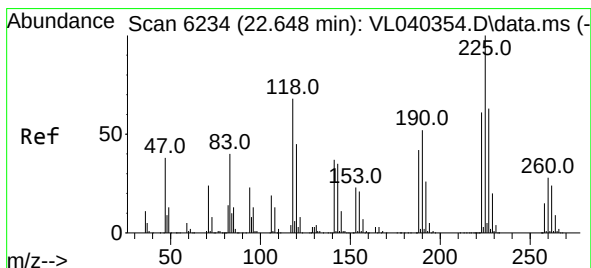
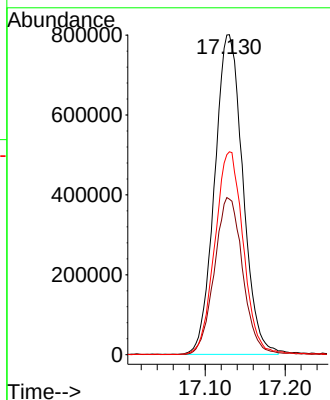
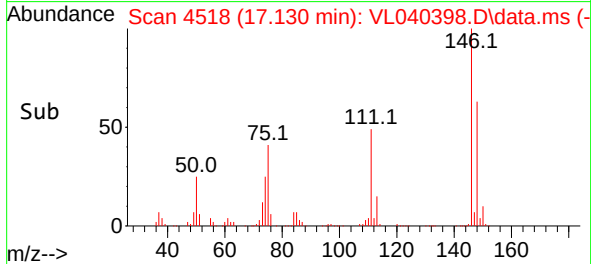
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



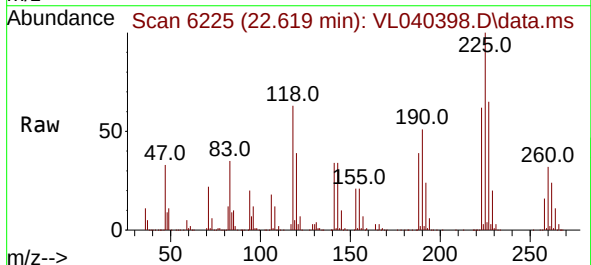
Tgt Ion:146 Resp: 195951
Ion Ratio Lower Upper
146 100
111 49.3 25.4 76.0
148 64.3 32.0 96.2

Manual Integrations
APPROVED

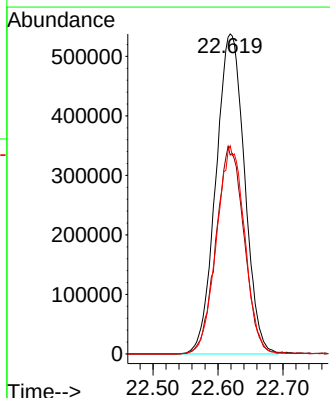
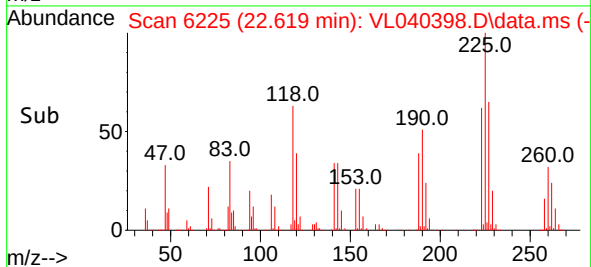
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

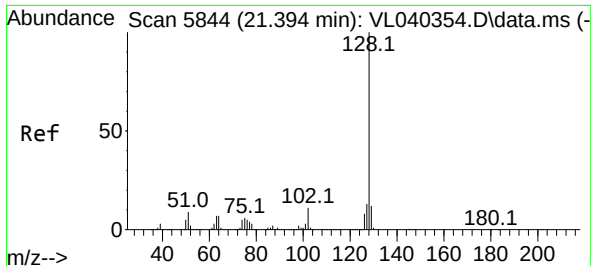


#78
Hexachloro-1,3-Butadiene
Concen: 10.450 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.029 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



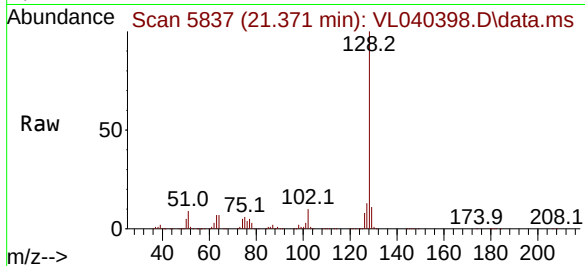
Tgt Ion:225 Resp: 1646618
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 64.2 51.0 76.4





#79
Naphthalene
Concen: 14.456 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. -0.023 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50

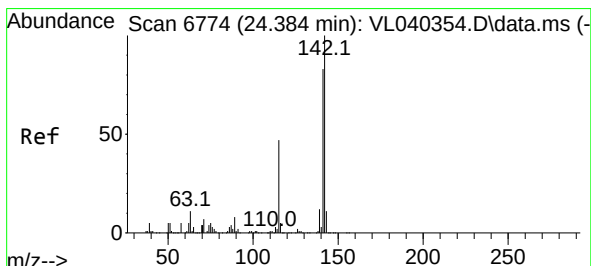
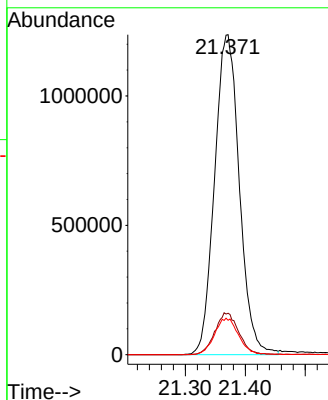
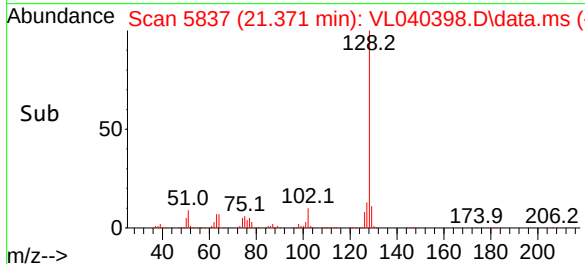
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



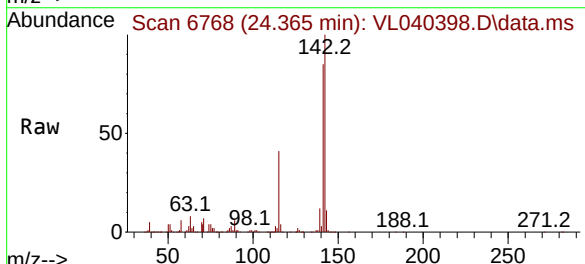
Tgt Ion:128 Resp: 3540960
Ion Ratio Lower Upper
128 100
127 13.0 10.0 15.0
129 10.7 9.4 14.0

Manual Integrations
APPROVED

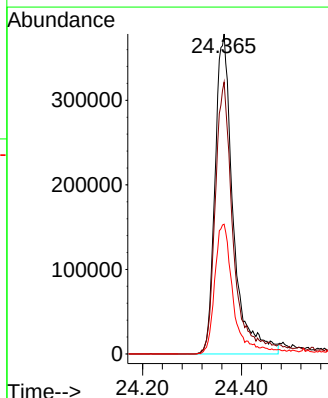
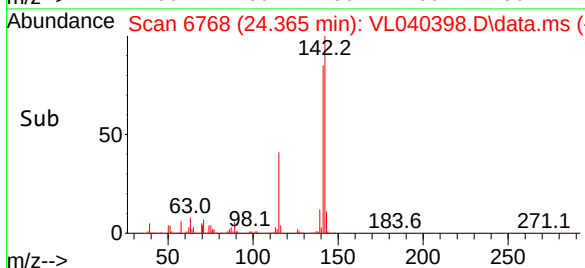
Reviewed By :Krupa Patel 04/22/2023
Supervised By :Mahesh Dadoda 04/22/2023

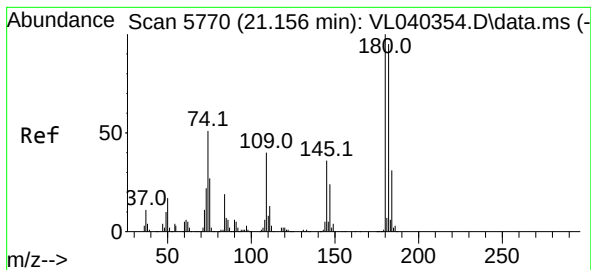


#80
Naphthalene,2-methyl-
Concen: 13.156 ppbv
RT: 24.365 min Scan# 6768
Delta R.T. -0.019 min
Lab File: VL040398.D
Acq: 20 Apr 2023 9:50



Tgt Ion:142 Resp: 959276
Ion Ratio Lower Upper
142 100
141 86.8 65.1 97.7
115 42.0 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 12.075 ppbv

RT: 21.127 min Scan# 51

Delta R.T. -0.029 min

Lab File: VL040398.D

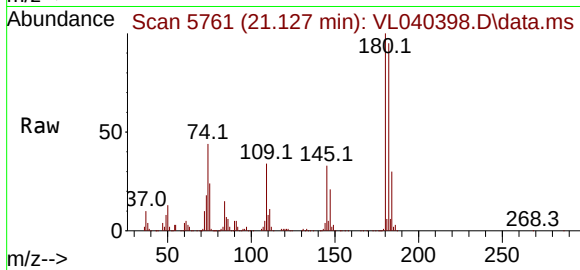
Acq: 20 Apr 2023 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 181764

Ion Ratio Lower Upper

180 100

182 96.4 77.7 116.5

184 30.3 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/22/2023

Supervised By :Mahesh Dadoda 04/22/2023

