

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040400.D
 Acq On : 11 May 2023 13:59
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 12 05:52:57 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

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 05/14/2023
 Supervised By : Mahesh Dadoda 05/15/2023

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

Internal Standards						
1) Bromochloromethane	5.176	49	1118928	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	3015740	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.458	117	2887400m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2101445 8.801 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 88.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.706	85	1501492	7.443	ppbv	98
3) Chlorodifluoromethane	2.652	51	1374816	9.403	ppbv	99
4) Chloromethane	2.790	50	921002	9.972	ppbv	99
5) Vinyl Chloride	2.896	62	777702	10.200	ppbv	97
6) Bromomethane	3.095	94	236253	9.405	ppbv	98
7) Chloroethane	3.173	64	281673	9.757	ppbv	95
8) Dichlorotetrafluoroethane	2.835	85	1794189	9.100	ppbv	96
9) Propene	2.668	41	624641	10.814	ppbv	98
10) Heptane	7.568	43	1486512	11.324	ppbv	100
11) Trichlorofluoromethane	3.542	101	1800605	8.817	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1312805	9.191	ppbv	98
13) Ethanol	3.218	45	43882	9.100	ppbv	99
14) Bromoethene	3.346	108	567556	9.717	ppbv	99
15) Acetone	3.446	43	1389718	8.769	ppbv	99
16) 1,3-Butadiene	2.964	39	663581	10.118	ppbv	96
17) tert-Butyl alcohol	3.854	59	1553534	10.675	ppbv	100
18) 1,1-Dichloroethene	3.861	96	595766	9.248	ppbv	93
19) Isopropyl Alcohol	3.552	45	780764	10.797	ppbv #	97
20) Methylene Chloride	3.912	84	517330	8.176	ppbv	98
21) Allyl Chloride	3.976	41	942583	10.467	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	639254	9.925	ppbv	97
23) Vinyl Acetate	4.607	43	463205	11.480	ppbv #	97
24) 1,1-Dichloroethane	4.546	63	1292931	9.628	ppbv	100
25) Ethyl Acetate	5.189	43	2783179	10.437	ppbv	99
26) Hexane	5.195	57	1224200	10.889	ppbv	93
27) Carbon Disulfide	4.105	76	1531799	10.529	ppbv	100
28) Methyl tert-Butyl Ether	4.565	73	1201885	10.356	ppbv	98
29) Chloroform	5.259	83	1956027	9.767	ppbv	100
30) Cyclohexane	6.587	84	1031346	11.845	ppbv	98
31) cis-1,2-Dichloroethene	5.060	61	1217741	10.928	ppbv	99
32) 1,1,1-Trichloroethane	5.986	97	1934582	9.942	ppbv	100
34) 2-Butanone	4.767	43	1454611	8.945	ppbv	98
35) Carbon Tetrachloride	6.478	117	1968646	9.273	ppbv	98
36) Benzene	6.356	78	2592201	10.535	ppbv	99
37) 1,2-Dichloroethane	5.790	62	1468168	9.084	ppbv	97
38) Trichloroethene	7.279	130	1540532	11.001	ppbv	95
39) 1,2-Dichloropropane	7.060	63	974299	10.064	ppbv	95
40) 1,4-Dioxane	7.272	88	391296	10.553	ppbv #	95
41) Tetrahydrofuran	5.539	42	976510	10.965	ppbv	99
42) Bromodichloromethane	7.237	83	2144818	9.718	ppbv	99
43) Methyl Methacrylate	7.462	69	1023406	11.199	ppbv	98
44) 2,2,4-Trimethylpentane	7.314	57	4116092	10.015	ppbv	98
45) t-1,3-Dichloropropene	8.697	75	1005132	12.313	ppbv	95

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 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/14/2023
 Supervised By : Mahesh Dadoda 05/15/2023

Quant Time: May 12 05:52:57 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

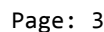
Response via : Initial Calibration

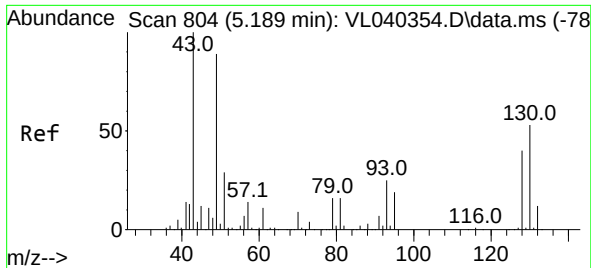
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1329580	11.702	ppbv	95
47) 1,1,2-Trichloroethane	8.893	97	1046706	9.861	ppbv	97
48) Dibromochloromethane	9.703	129	1784291	10.438	ppbv	100
49) Bromoform	12.404	173	1442124	10.816	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	2501789	10.147	ppbv	97
51) 2-Hexanone	9.539	43	1981115	10.873	ppbv #	98
52) Tetrachloroethene	10.610	164	896035	11.642	ppbv	95
53) Toluene	9.211	91	2960160	11.348	ppbv	99
54) 1,2-Dibromoethane	9.999	107	1177032	10.937	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1273577	9.663	ppbv	96
57) Chlorobenzene	11.520	112	2269193	10.037	ppbv	97
58) Ethyl Benzene	12.082	91	3952726	11.129	ppbv	96
59) m/p-Xylene	12.368	91	6649441m	20.357	ppbv	
60) o-Xylene	13.053	91	3208550	10.235	ppbv	99
61) Styrene	12.892	104	1954154	12.444	ppbv	97
62) Isopropylbenzene	14.024	105	4520997	10.014	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.040	83	994162	8.666	ppbv	100
64) n-propylbenzene	14.915	120	1180599	10.628	ppbv	92
65) tert-Butylbenzene	16.088	119	3955052	9.957	ppbv	97
66) Benzyl Chloride	16.320	91	277254	11.274	ppbv	97
67) sec-Butylbenzene	16.635	105	5574358	9.771	ppbv	98
69) p-Isopropyltoluene	16.995	119	4559475	10.235	ppbv	98
70) n-Butylbenzene	17.883	91	4854609	9.830	ppbv	99
71) 2-Chlorotoluene	14.796	91	3519409	10.154	ppbv	98
72) 4-Ethyltoluene	15.188	105	3688166	10.657	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	3277623	10.253	ppbv	97
74) 1,2,4-Trimethylbenzene	16.105	105	3537001	9.680	ppbv	97
75) 1,3-Dichlorobenzene	16.326	146	2027281	10.130	ppbv	99
76) 1,4-Dichlorobenzene	16.471	146	1995105	10.090	ppbv	99
77) 1,2-Dichlorobenzene	17.140	146	1939639	9.802	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1470524	9.269	ppbv	99
79) Naphthalene	21.384	128	3158471	12.806	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	1056931	14.396	ppbv #	93
81) 1,2,4-Trichlorobenzene	21.140	180	1632496	10.771	ppbv	98

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

Manual Integrations

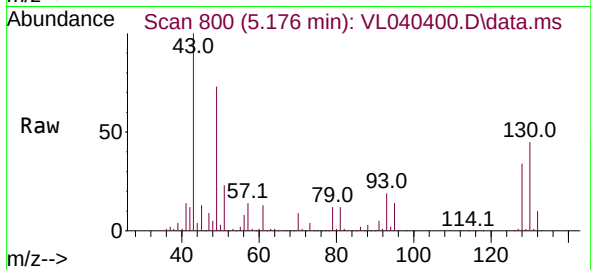
Quant Time: May 12 05:52:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Apr 13 14:37:02 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

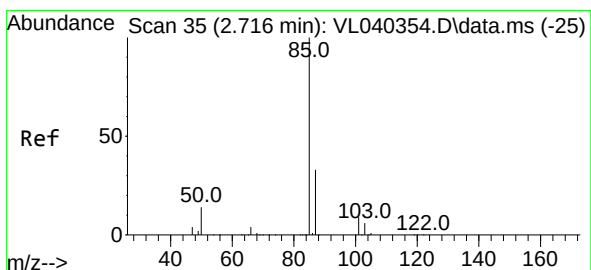
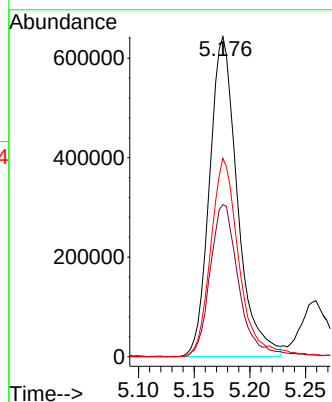
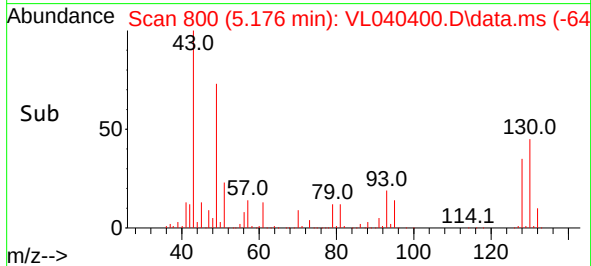
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1118928
Ion Ratio Lower Upper
49 100
128 49.8 23.7 71.1
130 64.1 29.9 89.8

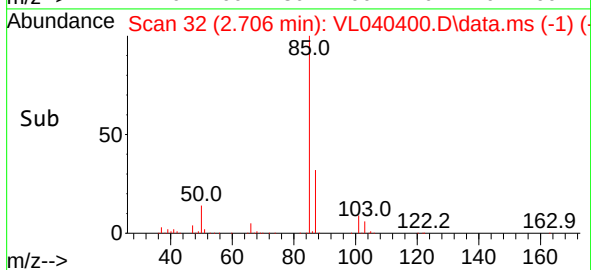
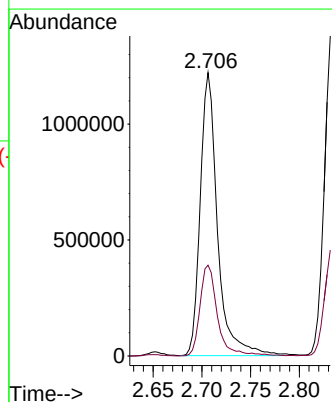
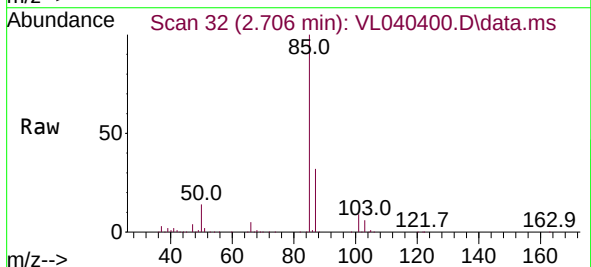
Manual Integrations
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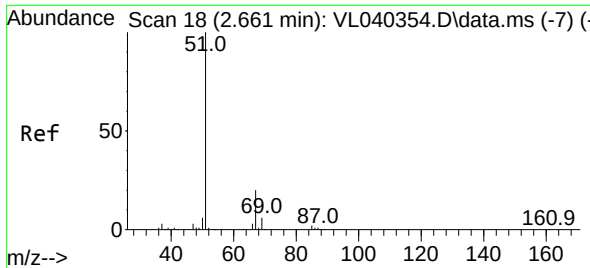
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#2
Dichlorodifluoromethane
Concen: 7.443 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Tgt Ion: 85 Resp: 1501492
Ion Ratio Lower Upper
85 100
87 32.0 26.6 40.0





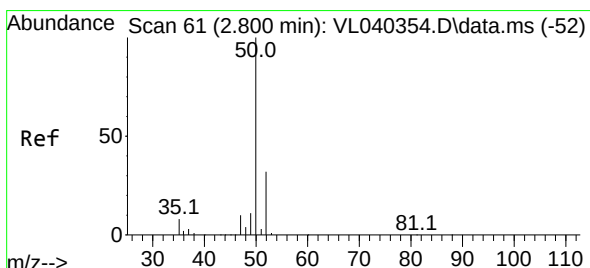
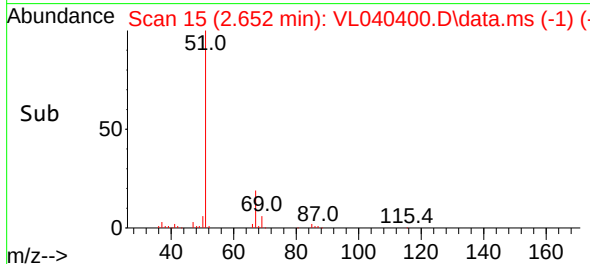
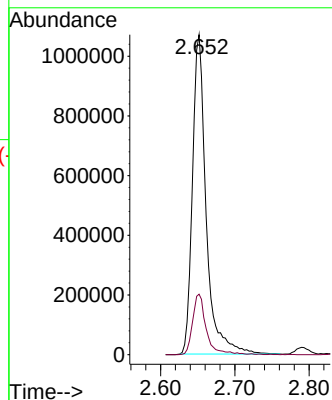
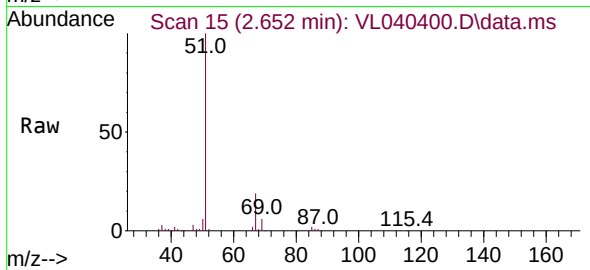
#3
Chlorodifluoromethane
Concen: 9.403 ppbv
RT: 2.652 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1374810
Ion Ratio Lower Upper
51 100
67 18.9 15.5 23.3

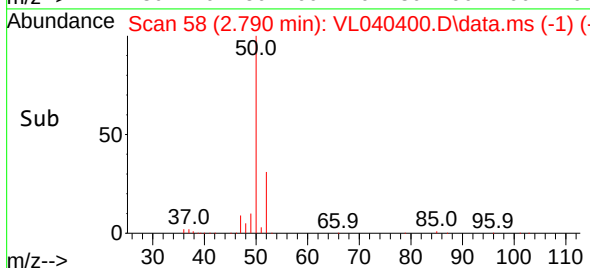
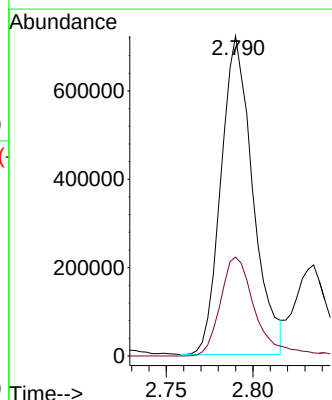
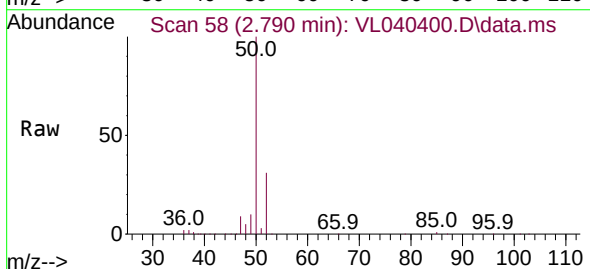
Manual Integrations
APPROVED

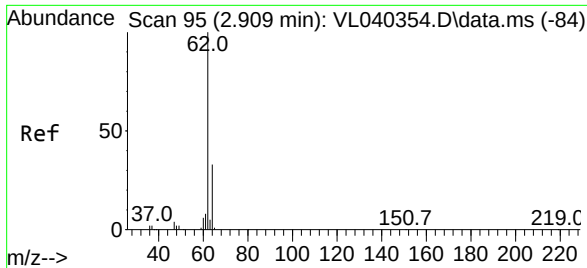
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#4
Chloromethane
Concen: 9.972 ppbv
RT: 2.790 min Scan# 58
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

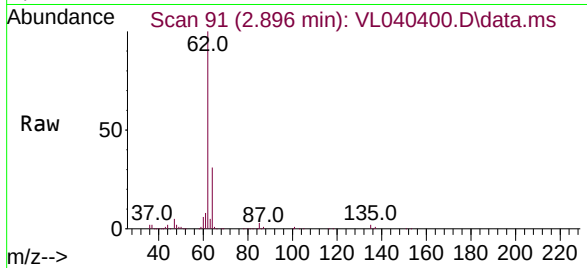
Tgt Ion: 50 Resp: 921002
Ion Ratio Lower Upper
50 100
52 31.0 25.3 37.9





#5
 Vinyl Chloride
 Concen: 10.200 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. -0.013 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

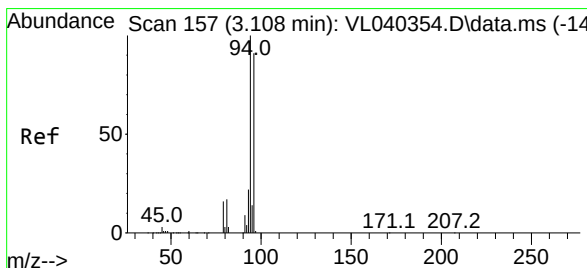
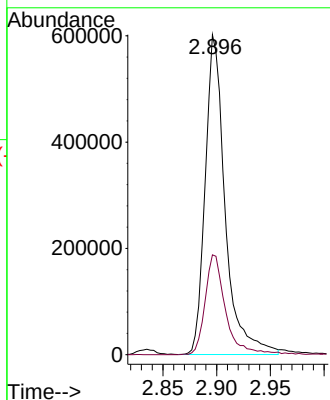
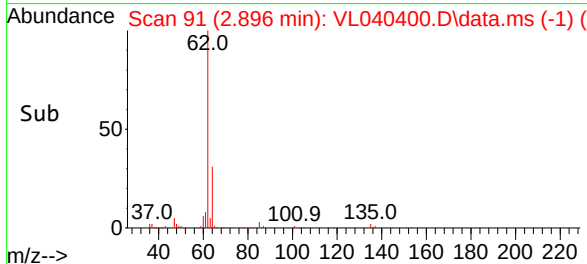
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 777702
 Ion Ratio Lower Upper
 62 100
 64 31.2 26.3 39.5

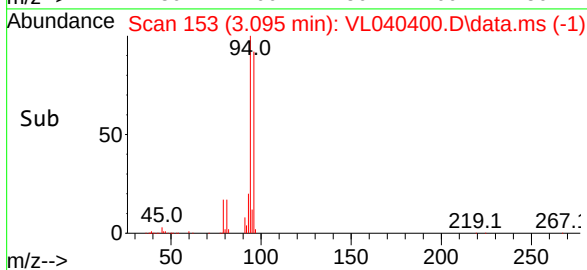
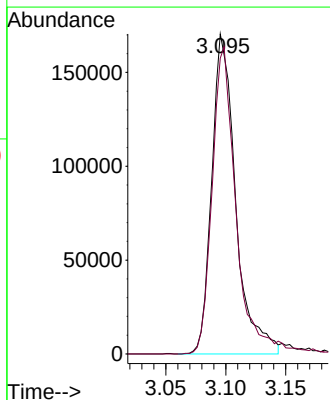
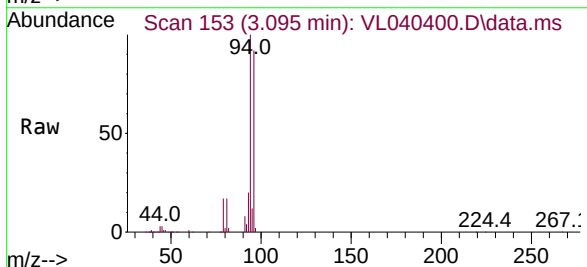
Manual Integrations
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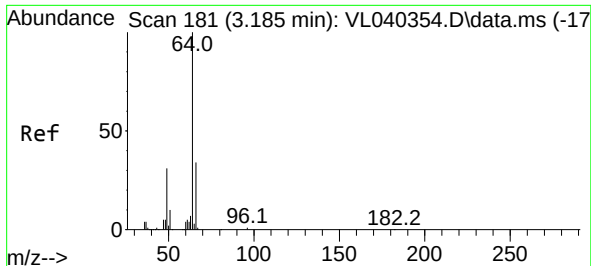
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#6
 Bromomethane
 Concen: 9.405 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. -0.013 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

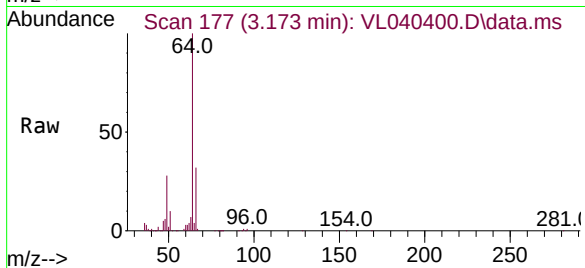
Tgt Ion: 94 Resp: 236253
 Ion Ratio Lower Upper
 94 100
 96 92.5 72.6 108.8





#7
Chloroethane
Concen: 9.757 ppbv
RT: 3.173 min Scan# 11
Delta R.T. -0.012 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

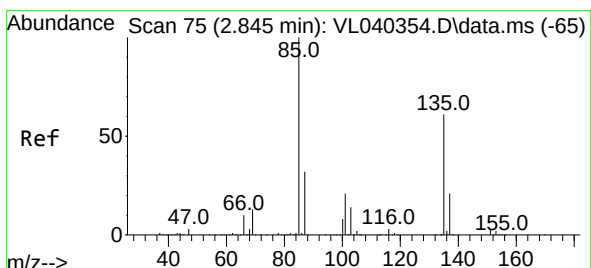
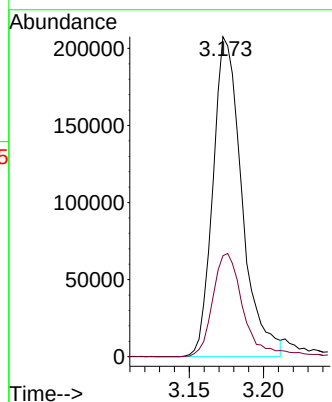
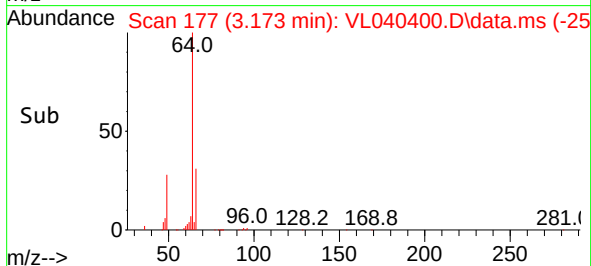
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



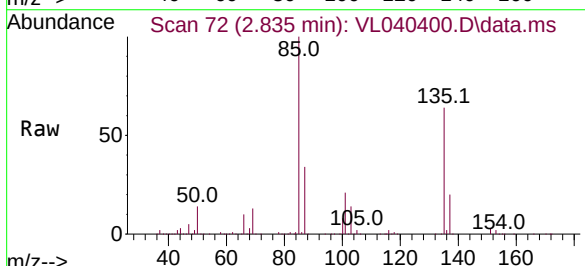
Tgt Ion: 64 Resp: 28167
Ion Ratio Lower Upper
64 100
66 31.6 27.5 41.3

Manual Integrations
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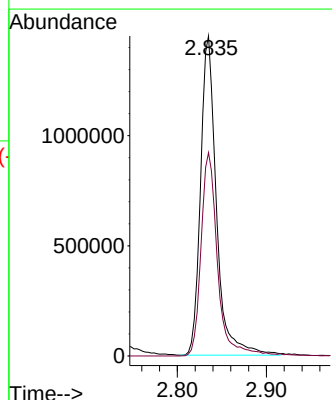
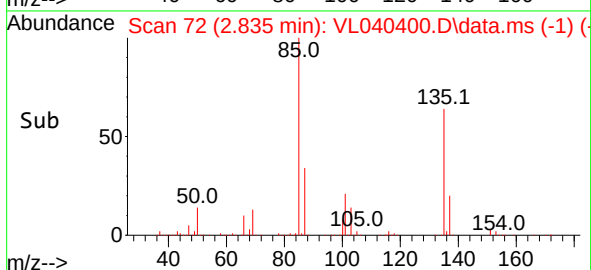
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

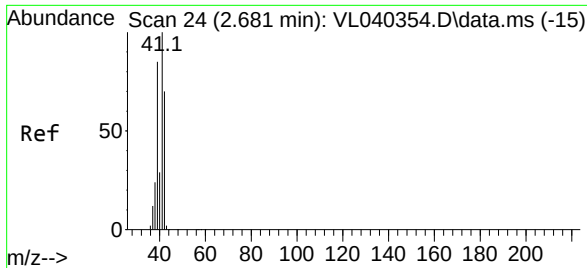


#8
Dichlorotetrafluoroethane
Concen: 9.100 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



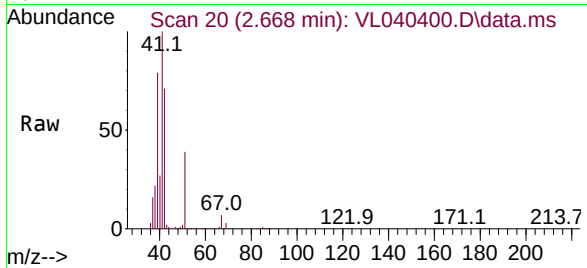
Tgt Ion: 85 Resp: 1794189
Ion Ratio Lower Upper
85 100
135 66.7 50.7 76.1





#9
 Propene
 Concen: 10.814 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.013 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

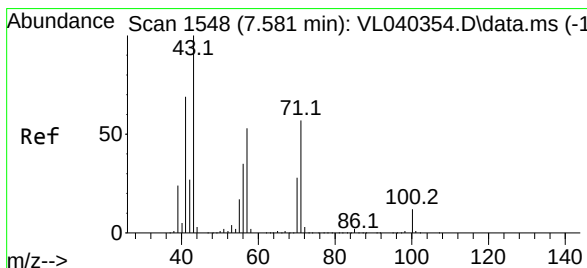
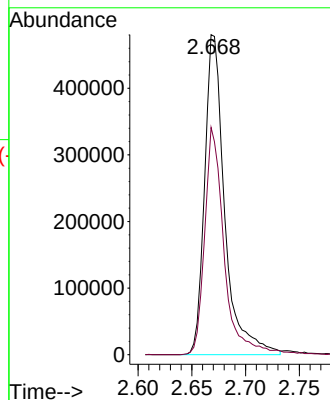
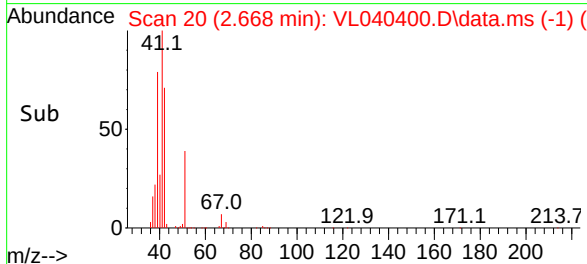
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 62464
 Ion Ratio Lower Upper
 41 100
 42 69.2 56.5 84.7

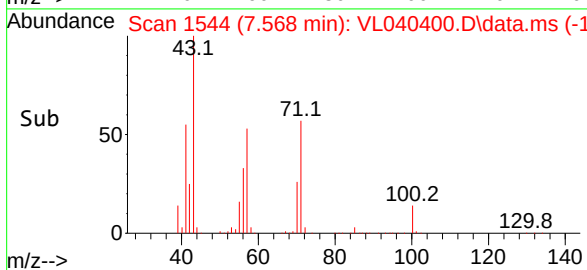
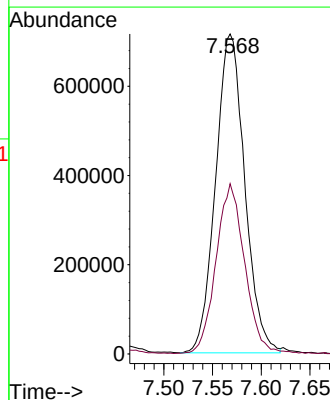
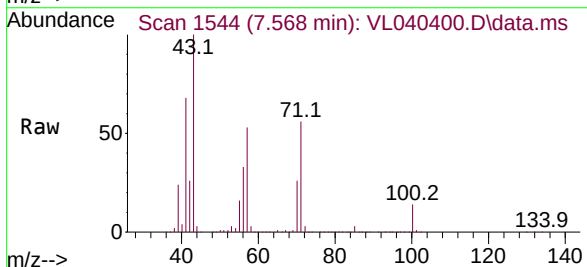
Manual Integrations
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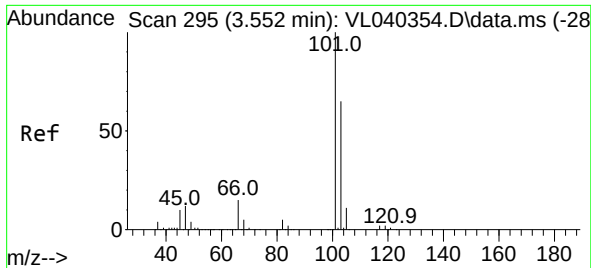
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#10
 Heptane
 Concen: 11.324 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.013 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

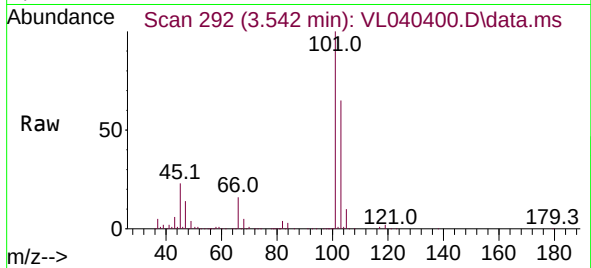
Tgt Ion: 43 Resp: 1486512
 Ion Ratio Lower Upper
 43 100
 57 53.0 42.2 63.4





#11
Trichlorofluoromethane
Concen: 8.817 ppbv
RT: 3.542 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

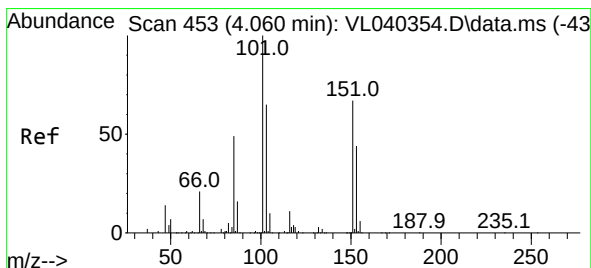
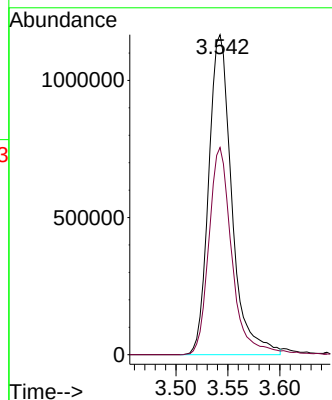
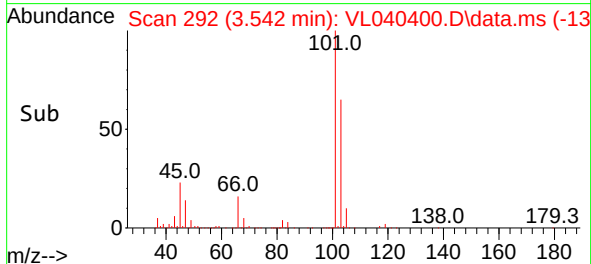
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



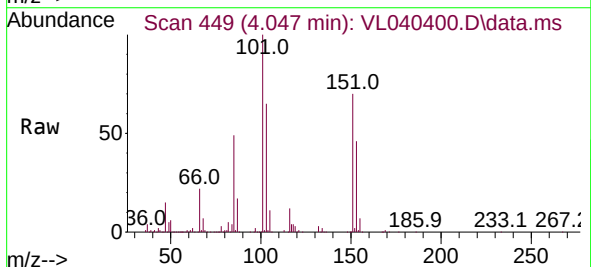
Tgt Ion:101 Resp: 1800605
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

Manual Integrations
APPROVED

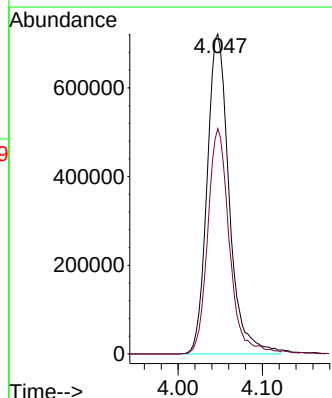
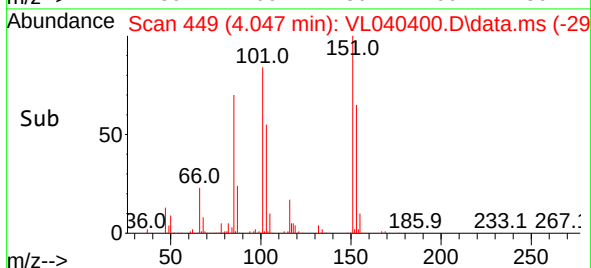
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

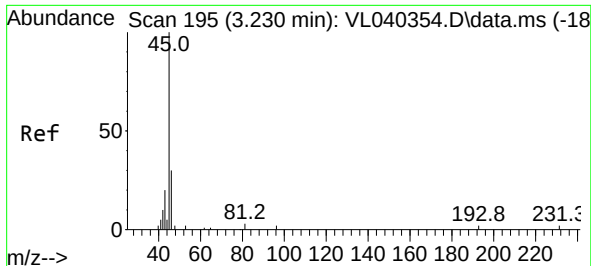


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.191 ppbv
RT: 4.047 min Scan# 449
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



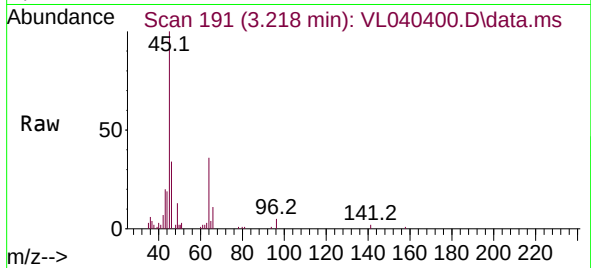
Tgt Ion:101 Resp: 1312805
Ion Ratio Lower Upper
101 100
151 69.8 54.7 82.1





#13
Ethanol
Concen: 9.100 ppbv
RT: 3.218 min Scan# 195
Delta R.T. -0.012 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

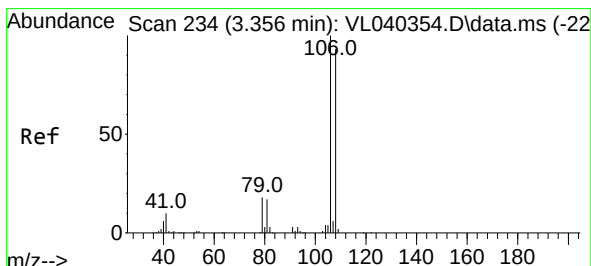
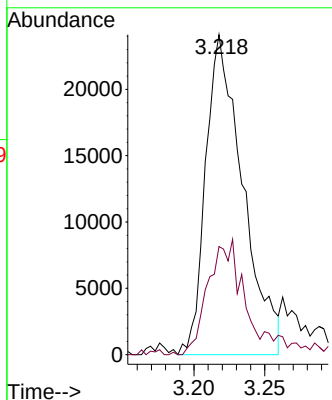
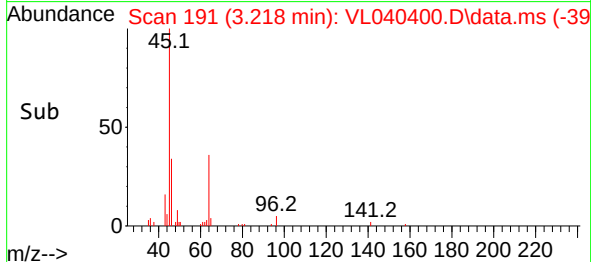
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



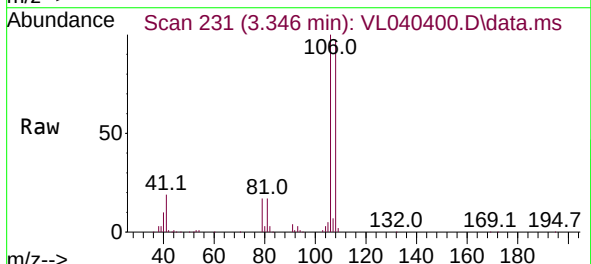
Tgt Ion: 45 Resp: 4388
Ion Ratio Lower Upper
45 100
46 38.7 15.3 61.3

Manual Integrations
APPROVED

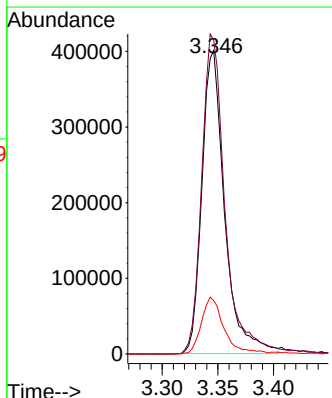
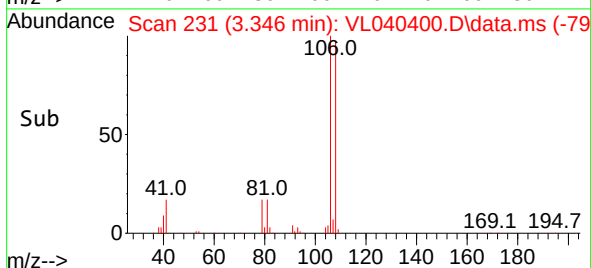
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

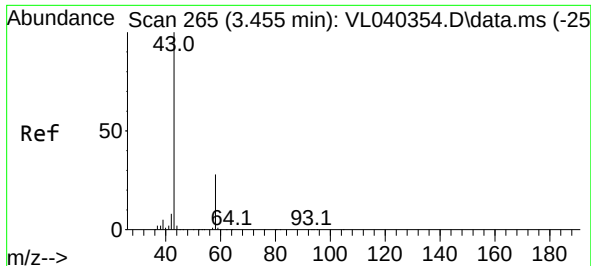


#14
Bromoethene
Concen: 9.717 ppbv
RT: 3.346 min Scan# 231
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



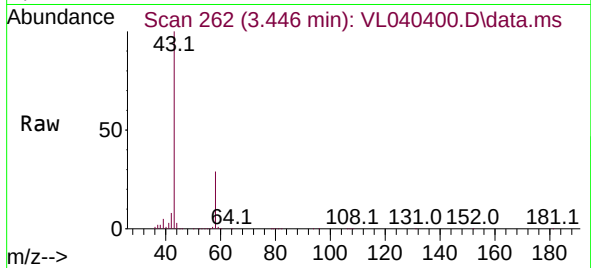
Tgt Ion:108 Resp: 567556
Ion Ratio Lower Upper
108 100
106 109.7 88.3 132.5
79 19.4 16.1 24.1





#15
Acetone
Concen: 8.769 ppbv
RT: 3.446 min Scan# 20
Delta R.T. -0.009 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

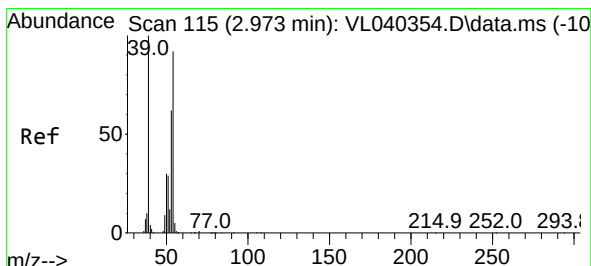
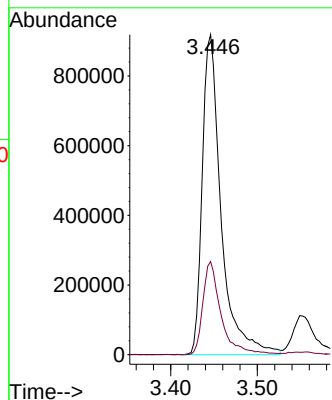
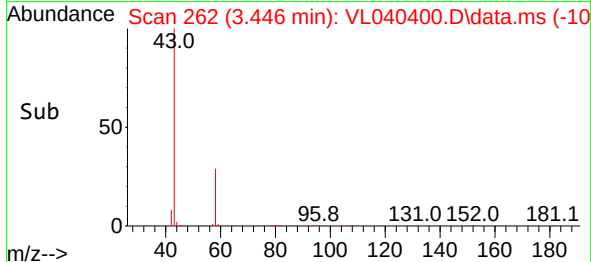
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



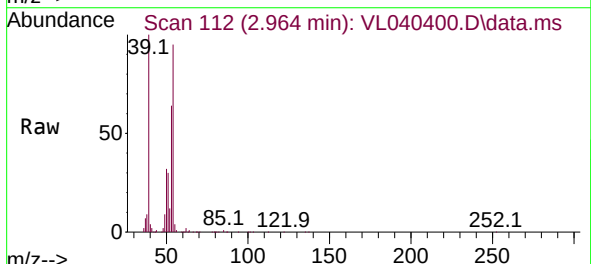
Tgt Ion: 43 Resp: 1389718
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.2

Manual Integrations
APPROVED

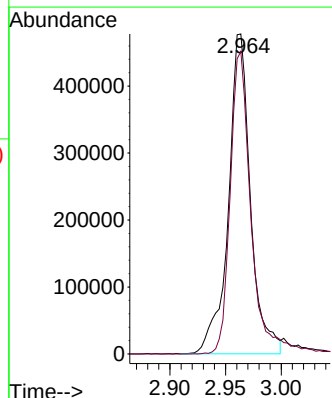
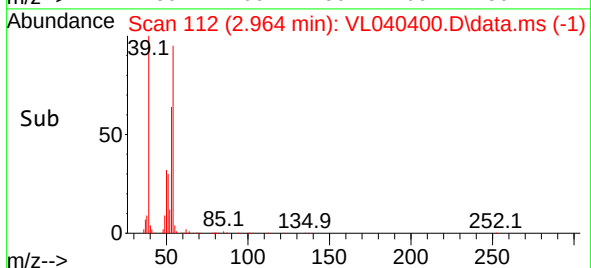
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

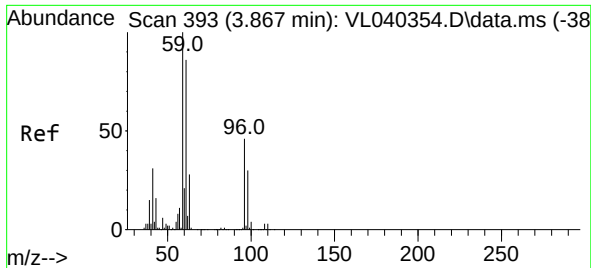


#16
1,3-Butadiene
Concen: 10.118 ppbv
RT: 2.964 min Scan# 112
Delta R.T. -0.009 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



Tgt Ion: 39 Resp: 663581
Ion Ratio Lower Upper
39 100
54 89.7 68.8 103.2





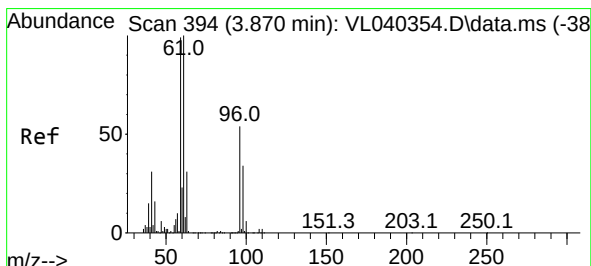
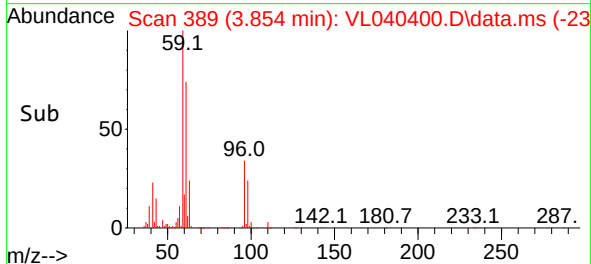
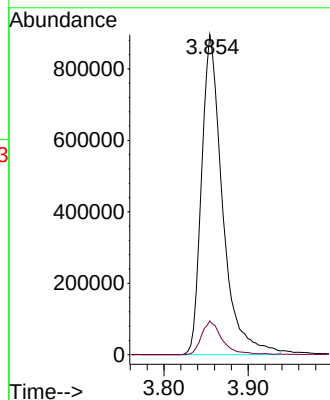
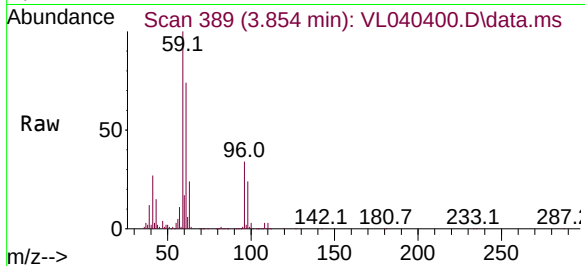
#17
tert-Butyl alcohol
Concen: 10.675 ppbv
RT: 3.854 min Scan# 391
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1553534
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

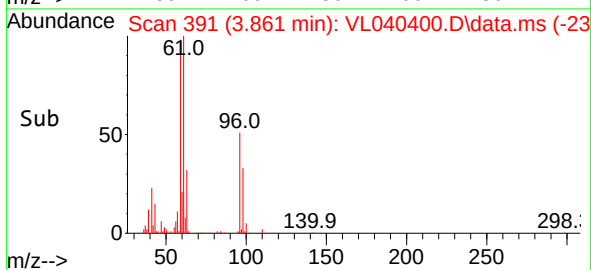
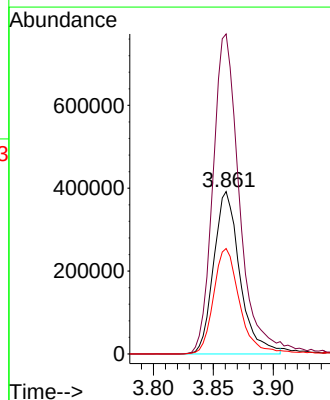
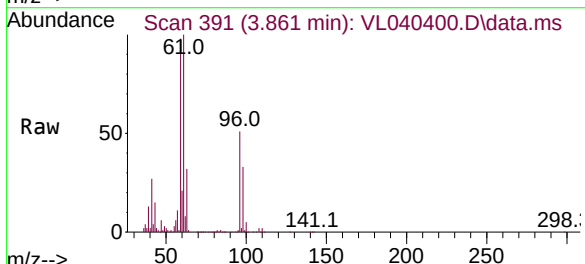
Manual Integrations
APPROVED

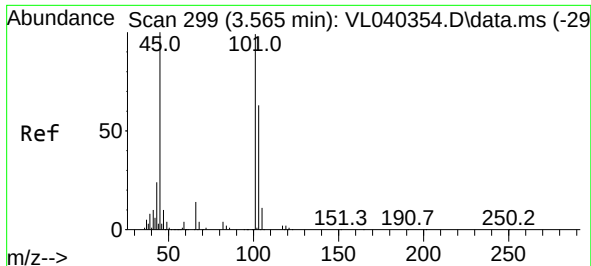
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#18
1,1-Dichloroethene
Concen: 9.248 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.009 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

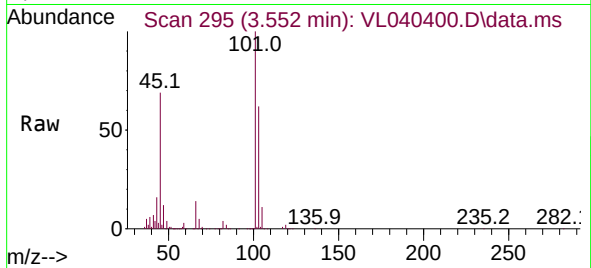
Tgt Ion: 96 Resp: 595766
Ion Ratio Lower Upper
96 100
61 197.1 148.3 222.5
98 64.9 49.8 74.8





#19
Isopropyl Alcohol
Concen: 10.797 ppbv
RT: 3.552 min Scan# 299
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

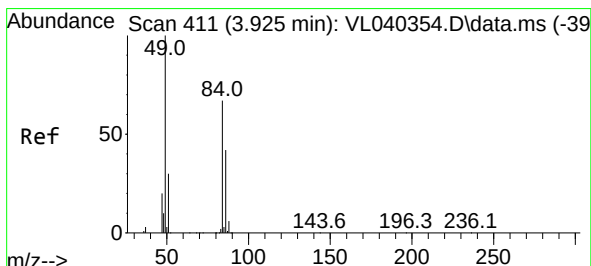
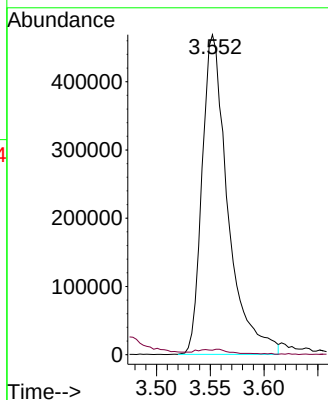
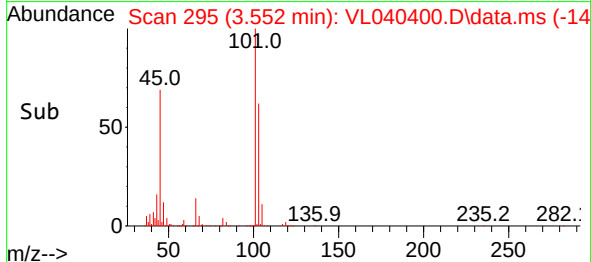
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



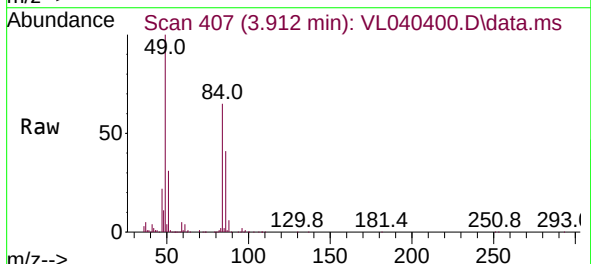
Tgt Ion: 45 Resp: 780764
Ion Ratio Lower Upper
45 100
58 2.4 2.6 4.0

Manual Integrations
APPROVED

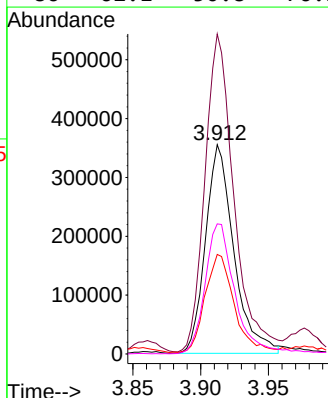
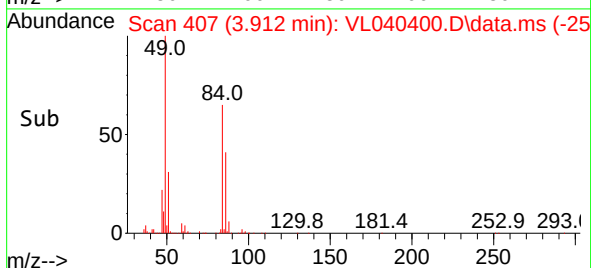
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

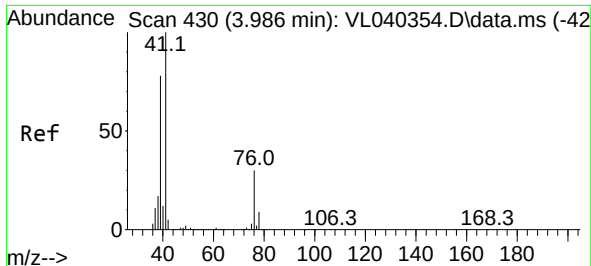


#20
Methylene Chloride
Concen: 8.176 ppbv
RT: 3.912 min Scan# 407
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



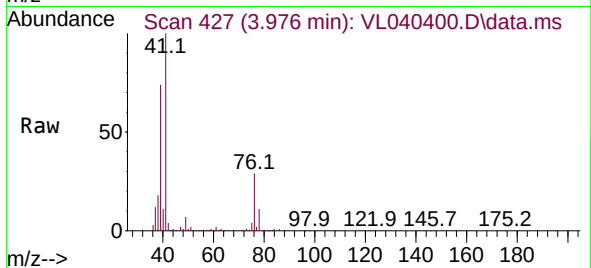
Tgt Ion: 84 Resp: 517330
Ion Ratio Lower Upper
84 100
49 152.4 120.1 180.1
51 46.9 36.3 54.5
86 62.1 50.8 76.2





#21
 Allyl Chloride
 Concen: 10.467 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

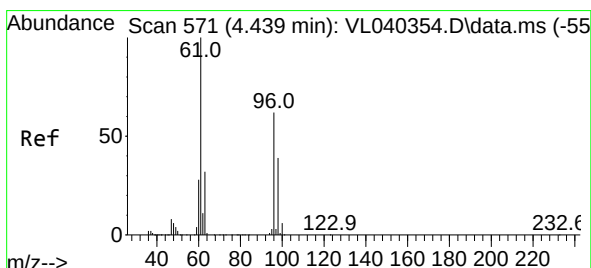
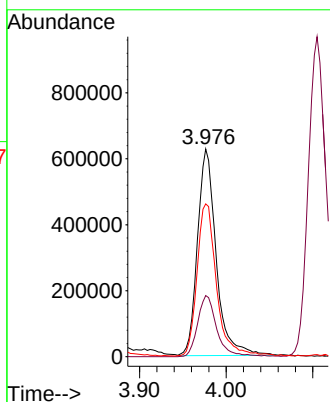
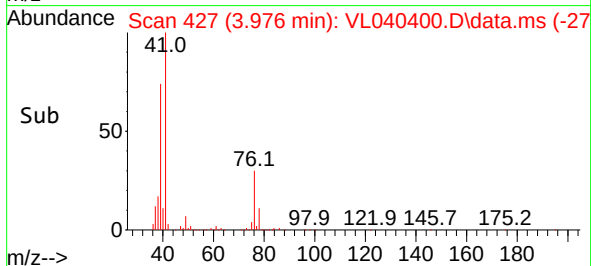
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 94258
 Ion Ratio Lower Upper
 41 100
 76 30.3 25.5 38.3
 39 76.9 64.0 96.0

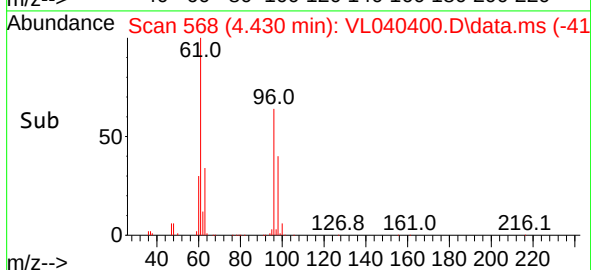
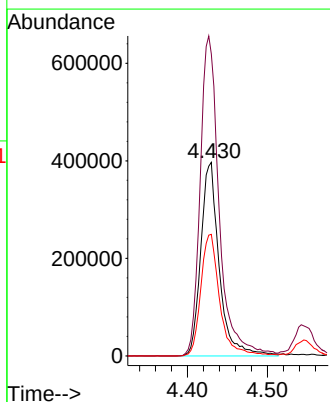
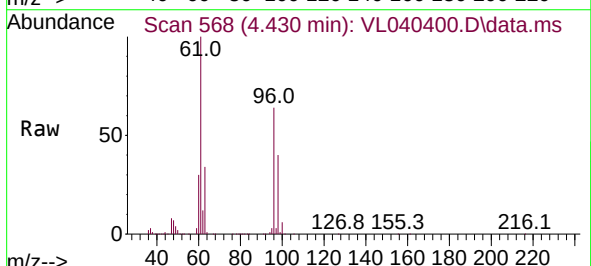
Manual Integrations
 APPROVED

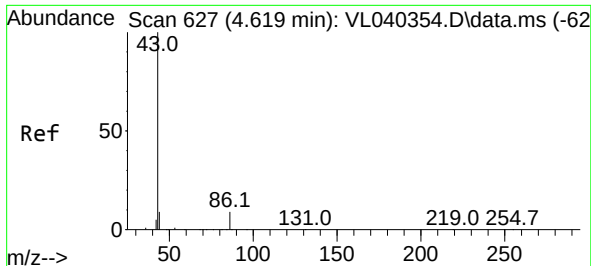
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.925 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.009 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

Tgt Ion: 96 Resp: 639254
 Ion Ratio Lower Upper
 96 100
 61 156.0 129.4 194.2
 98 62.9 51.0 76.4





#23
 Vinyl Acetate
 Concen: 11.480 ppbv
 RT: 4.607 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

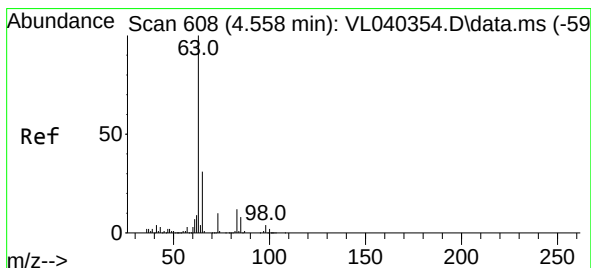
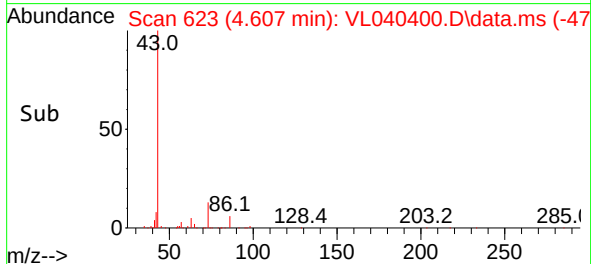
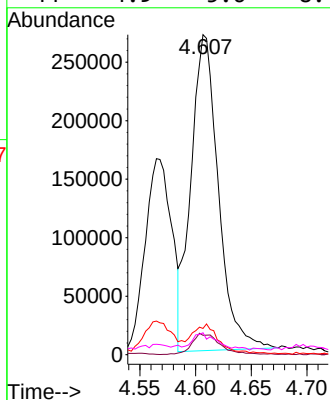
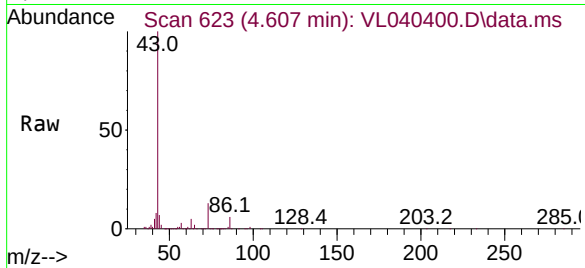
VSTDCCC010

Tgt Ion: 43 Resp: 46320
 Ion Ratio Lower Upper
 43 100
 86 6.1 6.0 9.0
 42 8.0 6.4 9.6
 44 4.9 5.6 8.4#

Manual Integrations

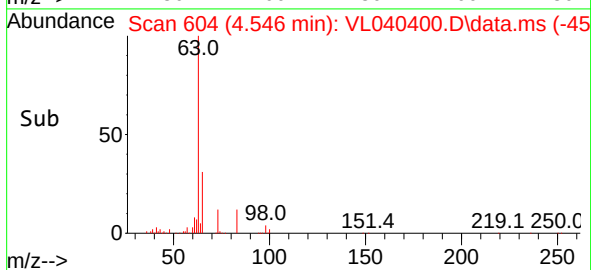
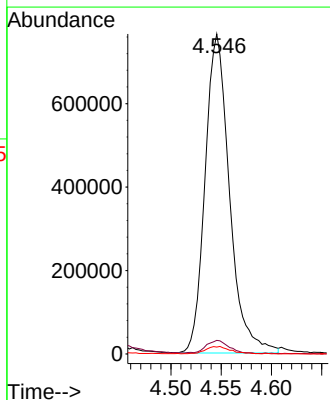
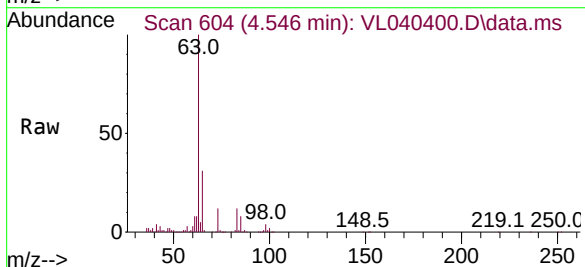
APPROVED

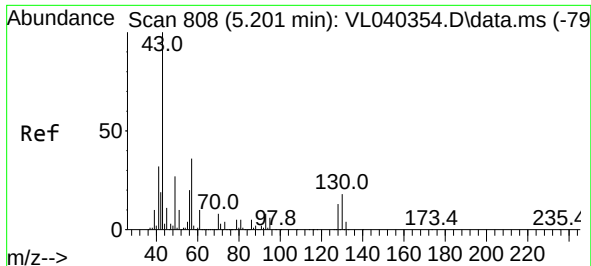
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#24
 1,1-Dichloroethane
 Concen: 9.628 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. -0.012 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

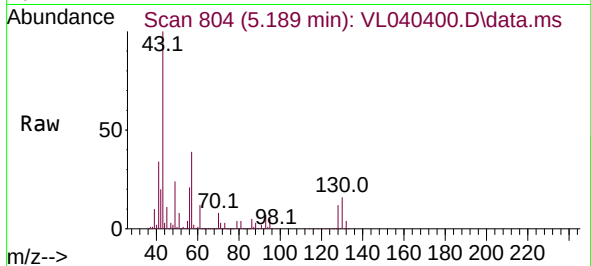
Tgt Ion: 63 Resp: 1292931
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 2.2 1.2 3.6





#25
Ethyl Acetate
Concen: 10.437 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.012 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

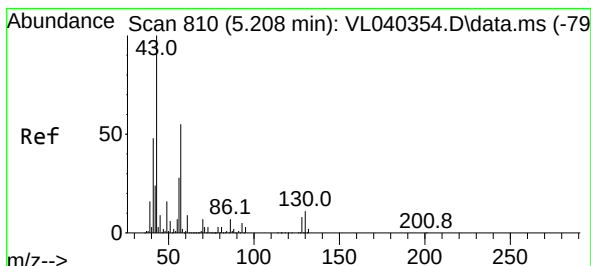
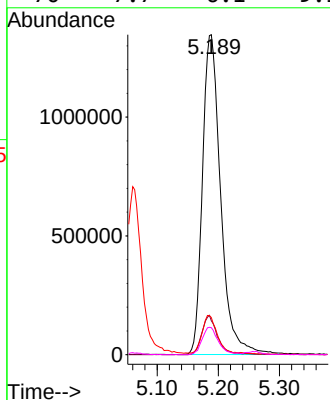
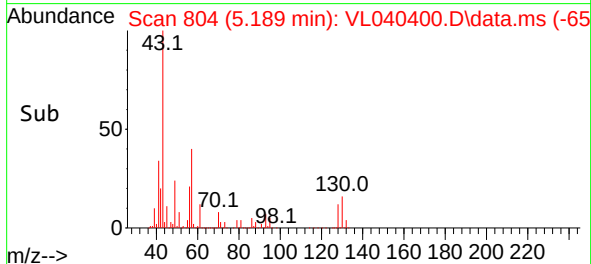
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2783179
Ion Ratio Lower Upper
43 100
45 10.7 8.5 12.7
61 11.2 8.5 12.7
70 7.7 6.1 9.1

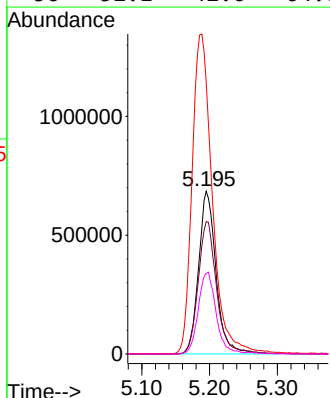
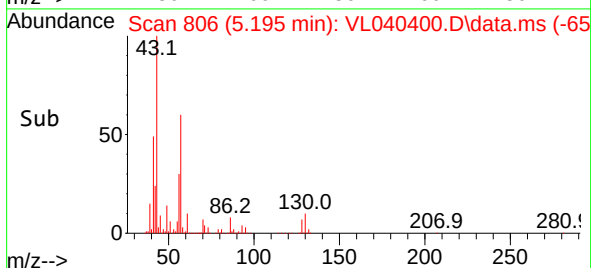
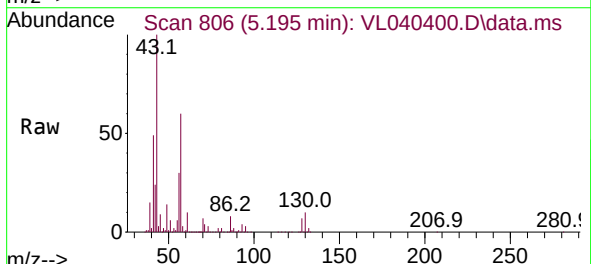
Manual Integrations
APPROVED

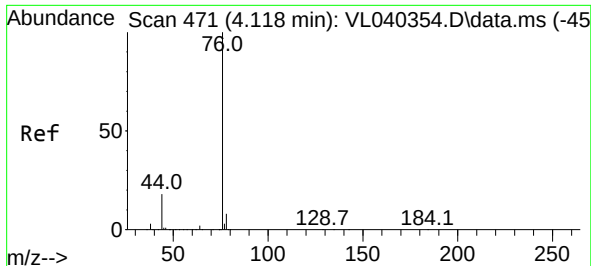
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#26
Hexane
Concen: 10.889 ppbv
RT: 5.195 min Scan# 806
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

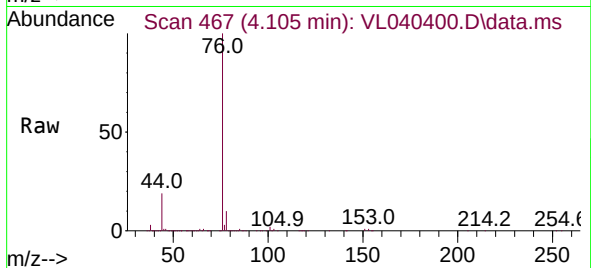
Tgt Ion: 57 Resp: 1224200
Ion Ratio Lower Upper
57 100
41 86.7 74.8 112.2
43 228.0 192.7 289.1
56 52.1 42.6 64.0





#27
Carbon Disulfide
Concen: 10.529 ppbv
RT: 4.105 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

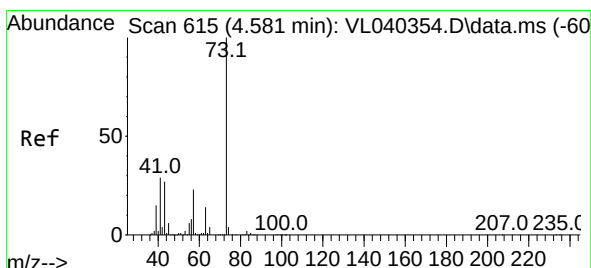
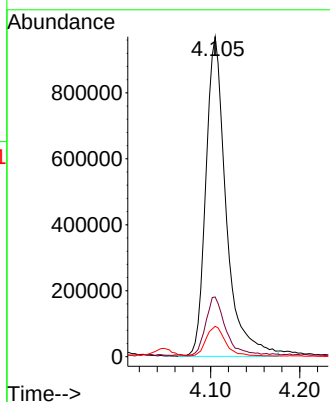
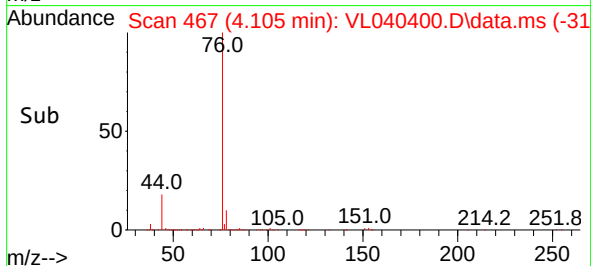
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



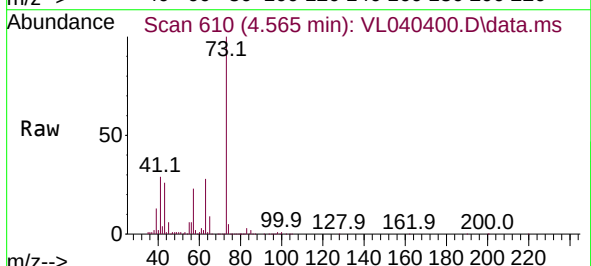
Tgt Ion: 76 Resp: 1531799
Ion Ratio Lower Upper
76 100
44 18.1 14.7 22.1
78 9.6 7.7 11.5

Manual Integrations
APPROVED

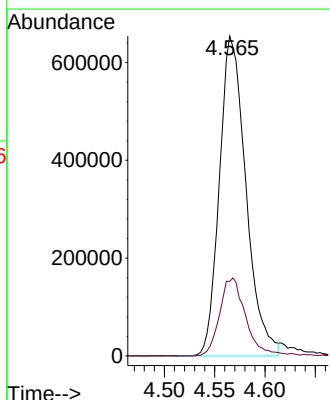
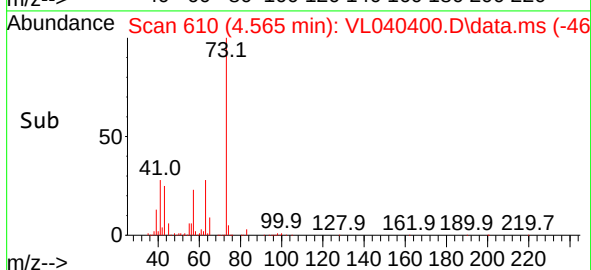
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

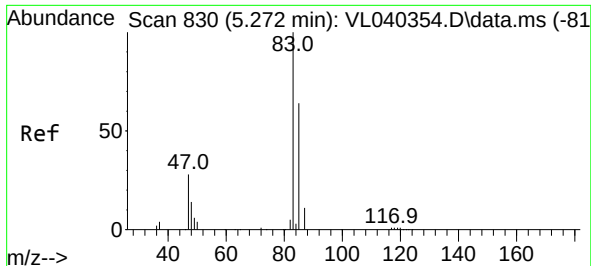


#28
Methyl tert-Butyl Ether
Concen: 10.356 ppbv
RT: 4.565 min Scan# 610
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



Tgt Ion: 73 Resp: 1201885
Ion Ratio Lower Upper
73 100
57 24.4 18.6 27.8





#29

Chloroform

Concen: 9.767 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 195602

Ion Ratio Lower Upper

83 100

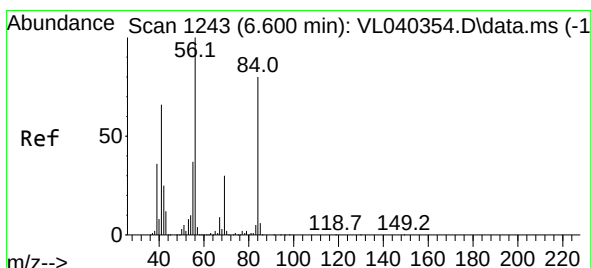
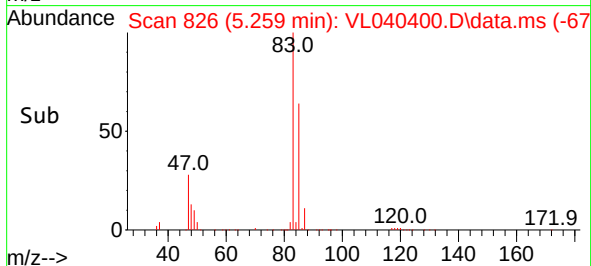
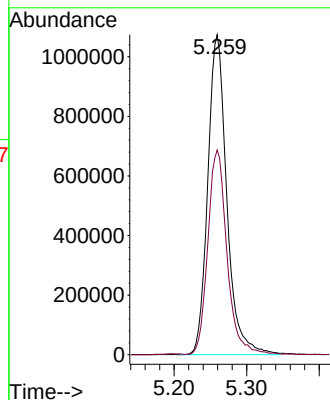
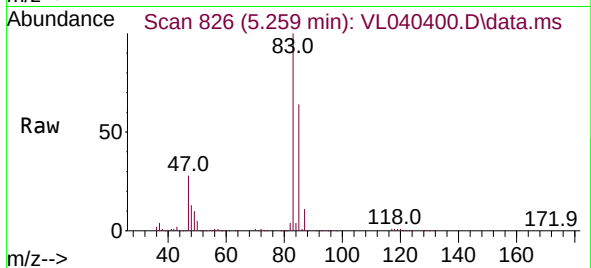
85 63.7 51.0 76.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#30

Cyclohexane

Concen: 11.845 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.013 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

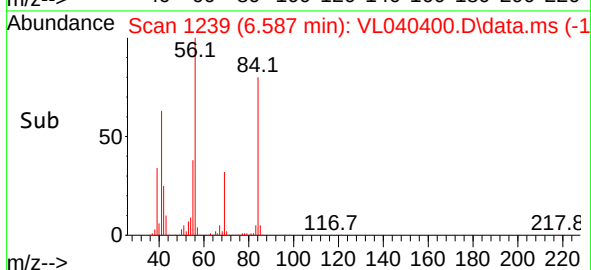
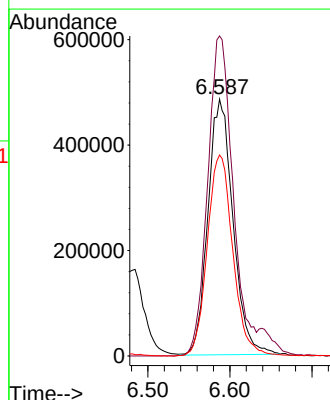
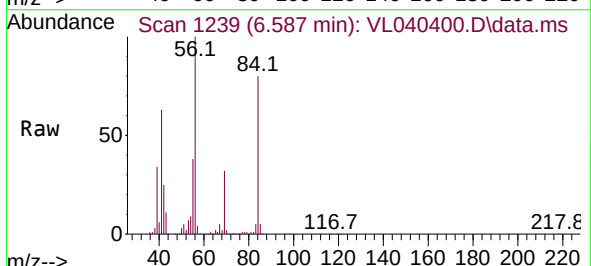
Tgt Ion: 84 Resp: 1031346

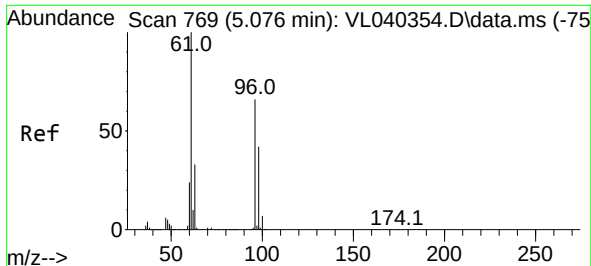
Ion Ratio Lower Upper

84 100

56 133.2 107.0 160.6

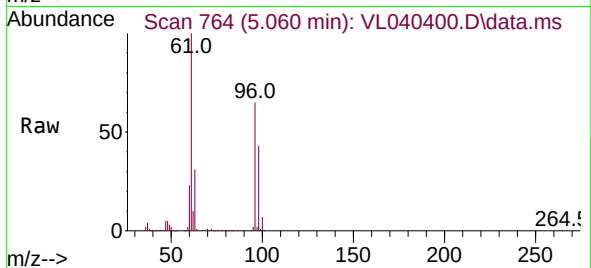
41 80.3 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 10.928 ppbv
 RT: 5.060 min Scan# 769
 Delta R.T. -0.016 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

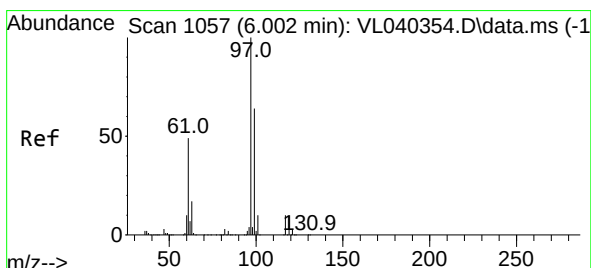
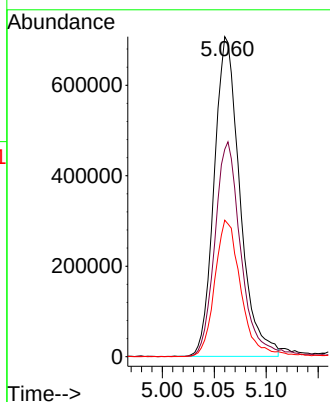
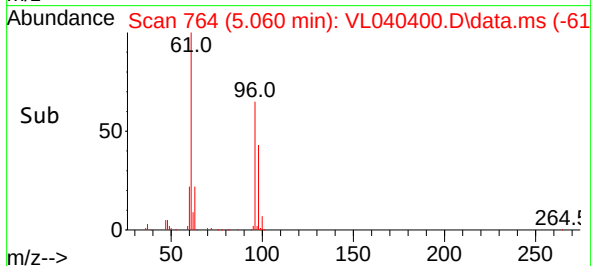


Tgt Ion: 61 Resp: 121774

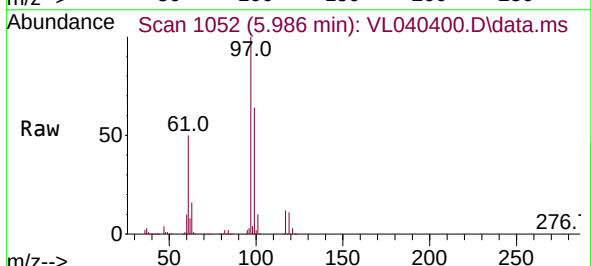
Ion	Ratio	Lower	Upper
61	100		
96	64.8	53.0	79.4
98	42.7	33.8	50.8

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023

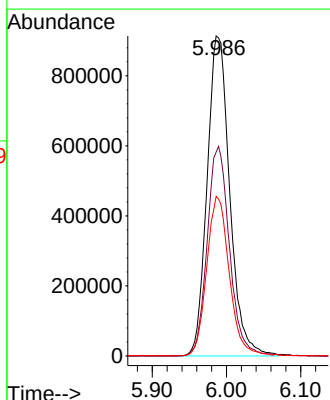
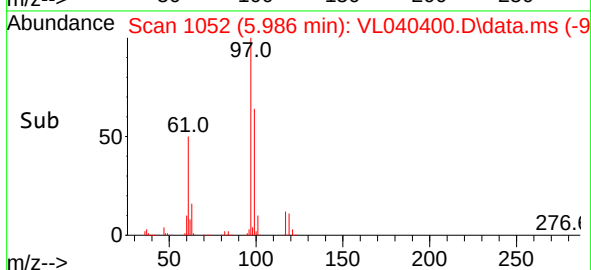


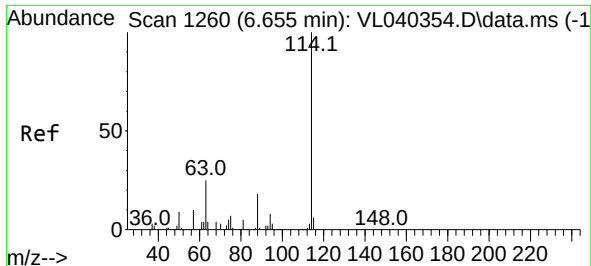
#32
 1,1,1-Trichloroethane
 Concen: 9.942 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.016 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59



Tgt Ion: 97 Resp: 1934582

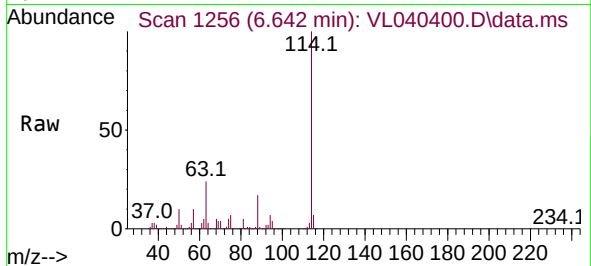
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.8	77.8
61	50.1	40.4	60.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

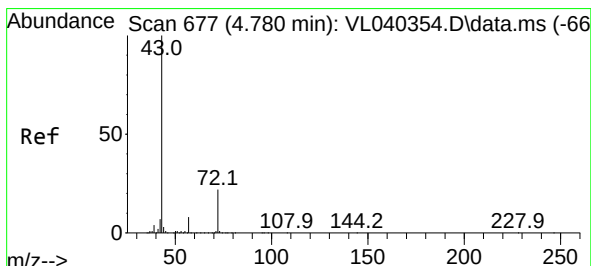
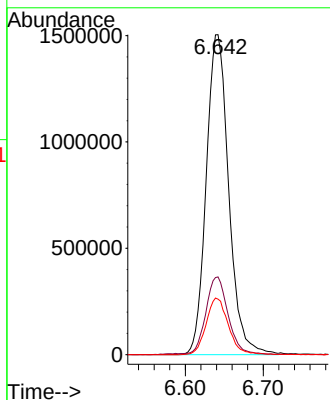
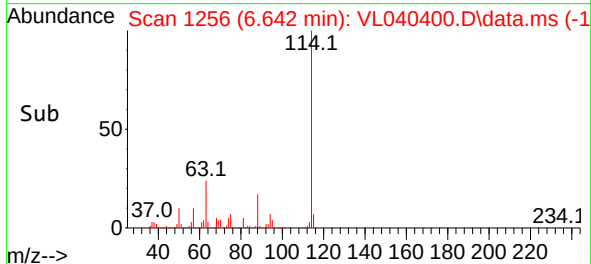
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 3015740
Ion Ratio Lower Upper
114 100
63 24.6 21.4 32.0
88 17.6 14.6 22.0

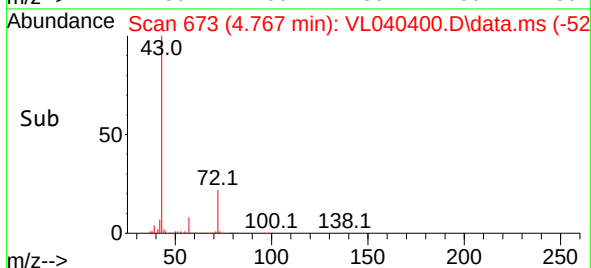
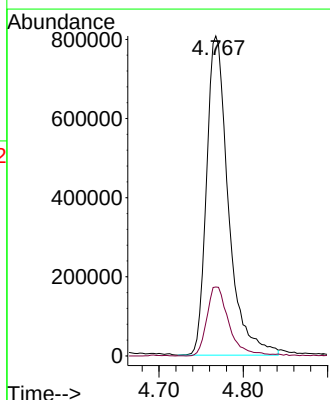
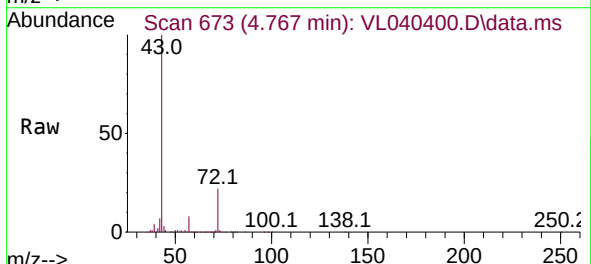
Manual Integrations
APPROVED

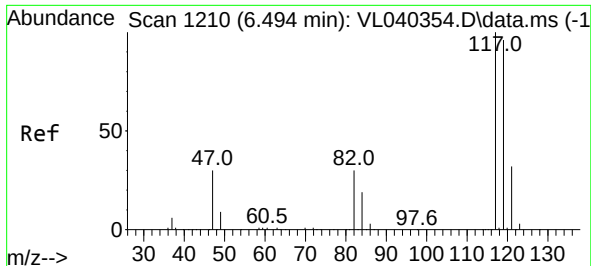
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#34
2-Butanone
Concen: 8.945 ppbv
RT: 4.767 min Scan# 673
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

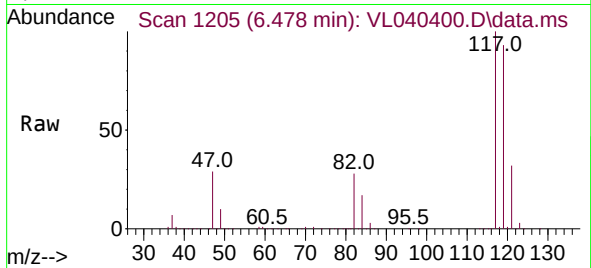
Tgt Ion: 43 Resp: 1454611
Ion Ratio Lower Upper
43 100
72 22.2 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.273 ppbv
RT: 6.478 min Scan# 1167
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

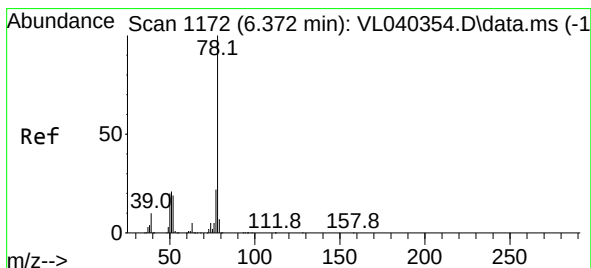
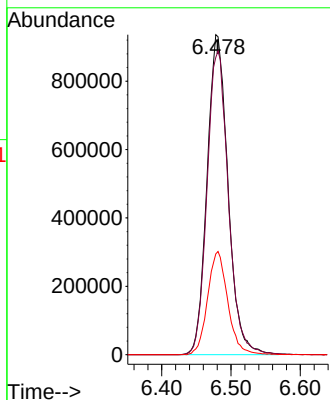
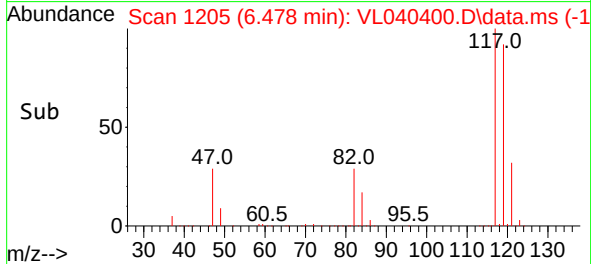
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



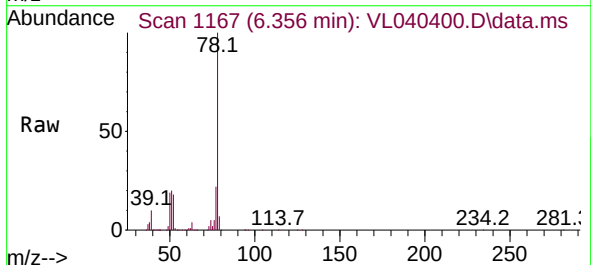
Tgt Ion:117 Resp: 1968640
Ion Ratio Lower Upper
117 100
119 92.9 76.6 114.8
121 31.5 25.3 37.9

Manual Integrations
APPROVED

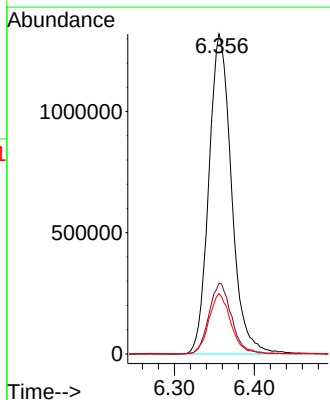
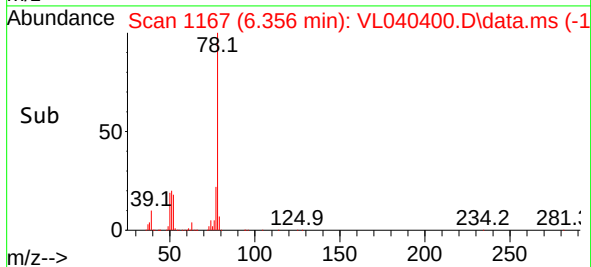
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

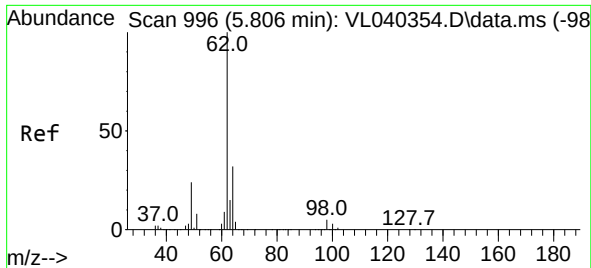


#36
Benzene
Concen: 10.535 ppbv
RT: 6.356 min Scan# 1167
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



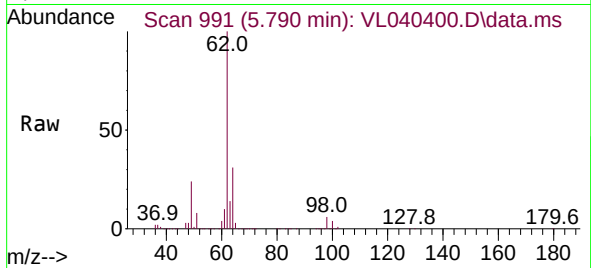
Tgt Ion: 78 Resp: 2592201
Ion Ratio Lower Upper
78 100
77 22.0 17.8 26.8
50 18.8 15.6 23.4





#37
1,2-Dichloroethane
Concen: 9.084 ppbv
RT: 5.790 min Scan# 991
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

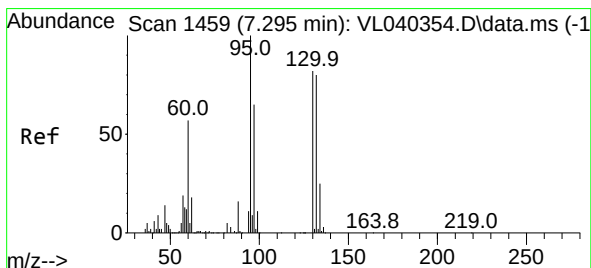
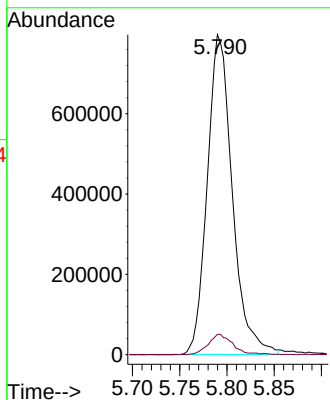
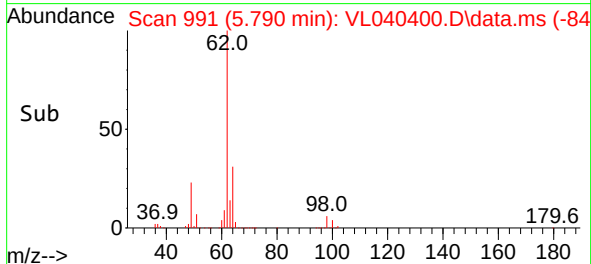
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 146816
Ion Ratio Lower Upper
62 100
98 6.3 4.4 6.6

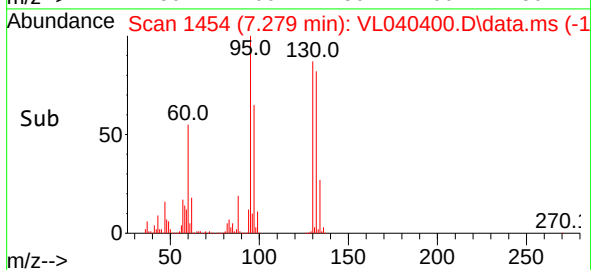
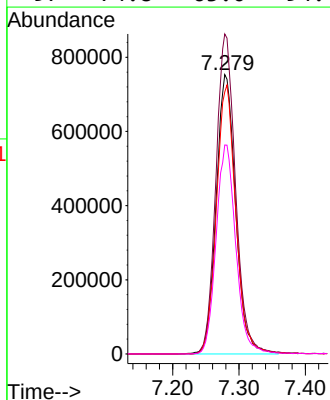
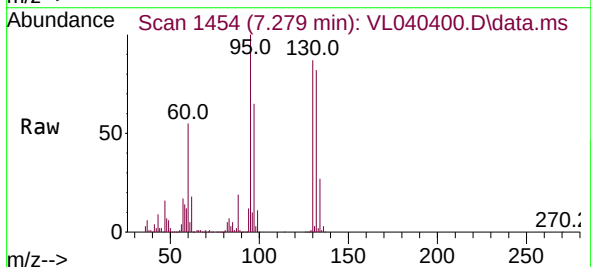
Manual Integrations
APPROVED

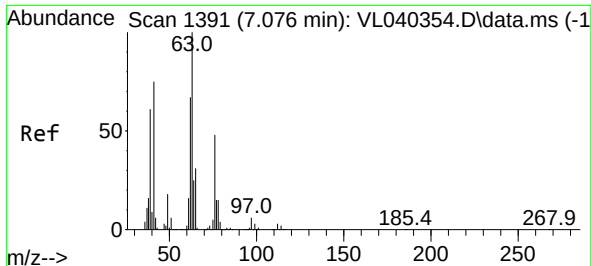
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#38
Trichloroethene
Concen: 11.001 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Tgt Ion:130 Resp: 1540532
Ion Ratio Lower Upper
130 100
95 114.6 97.4 146.0
132 93.8 77.5 116.3
97 74.8 63.0 94.4





#39

1,2-Dichloropropane

Concen: 10.064 ppbv

RT: 7.060 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

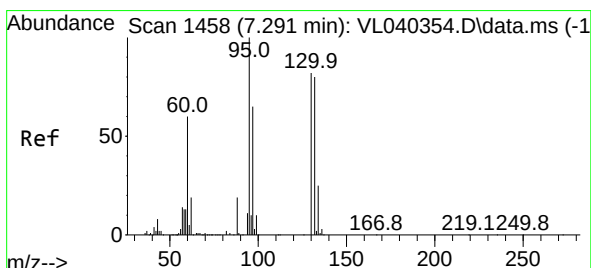
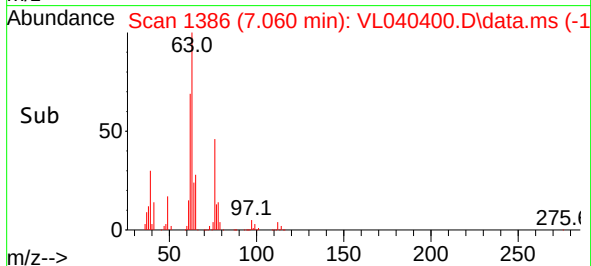
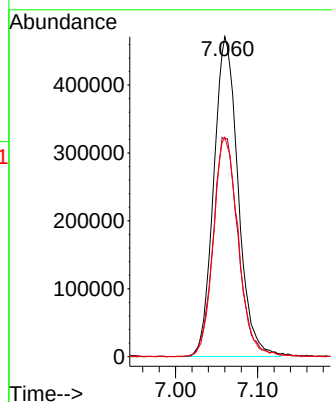
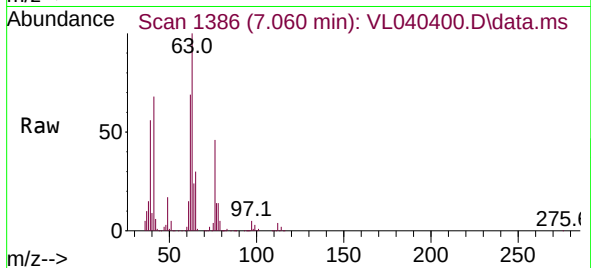
Tgt Ion: 63 Resp: 974299

Ion	Ratio	Lower	Upper
63	100		
41	68.0	59.6	89.4
62	68.5	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#40

1,4-Dioxane

Concen: 10.553 ppbv

RT: 7.272 min Scan# 1452

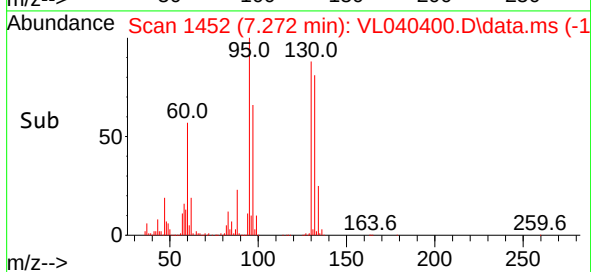
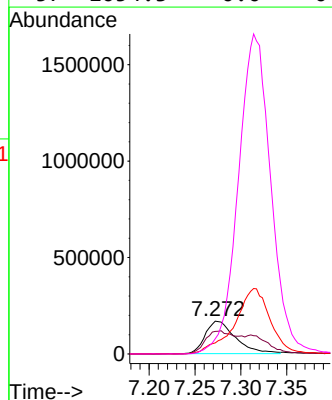
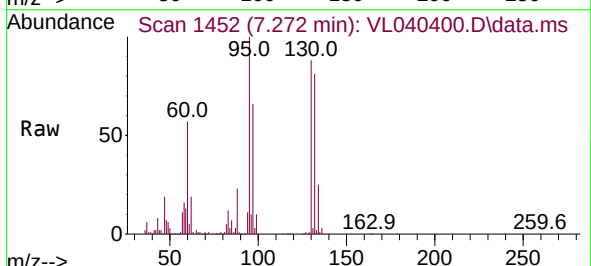
Delta R.T. -0.019 min

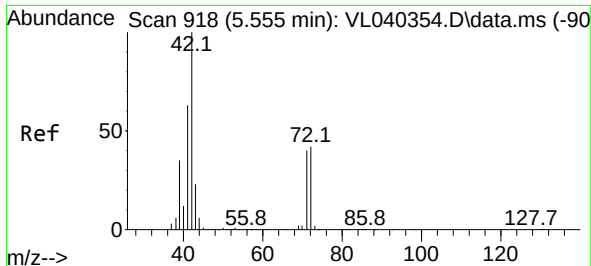
Lab File: VL040400.D

Acq: 11 May 2023 13:59

Tgt Ion: 88 Resp: 391296

Ion	Ratio	Lower	Upper
88	100		
58	120.1	100.8	151.2
43	234.0	0.0	0.0#
57	1054.3	0.0	0.0#





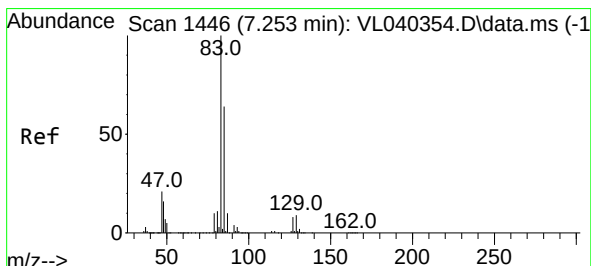
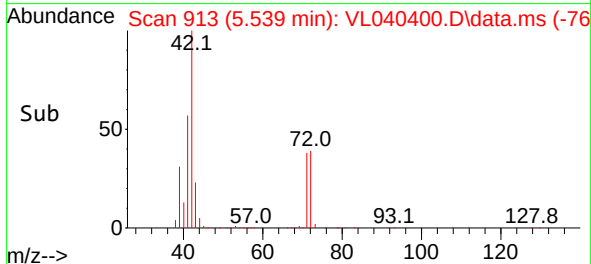
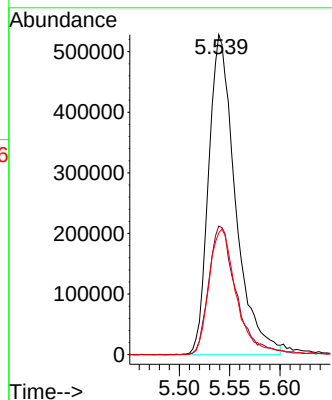
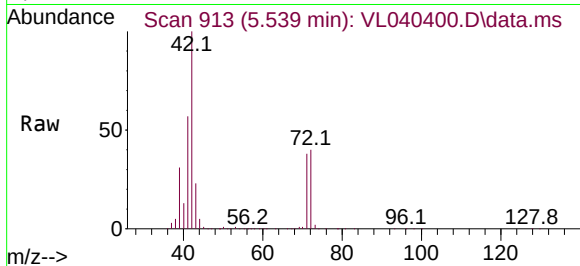
#41
Tetrahydrofuran
Concen: 10.965 ppbv
RT: 5.539 min Scan# 918
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 976510
Ion Ratio Lower Upper
42 100
72 41.9 33.7 50.5
71 40.9 32.2 48.2

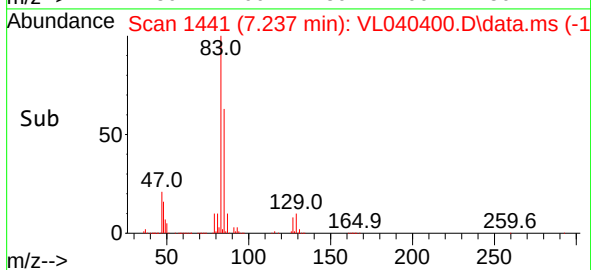
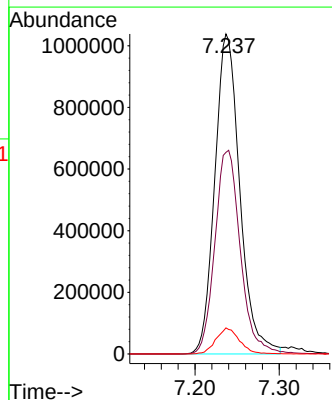
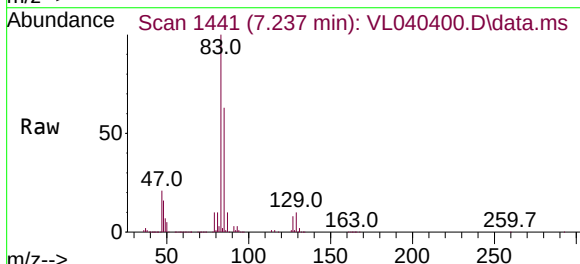
Manual Integrations
APPROVED

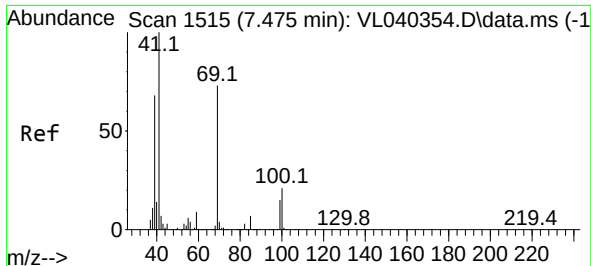
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#42
Bromodichloromethane
Concen: 9.718 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

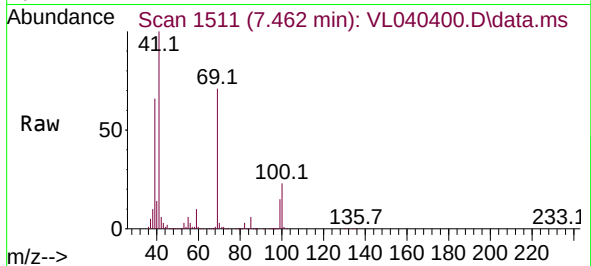
Tgt Ion: 83 Resp: 2144818
Ion Ratio Lower Upper
83 100
85 63.0 50.9 76.3
127 8.2 6.4 9.6





#43
Methyl Methacrylate
Concen: 11.199 ppbv
RT: 7.462 min Scan# 1465
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

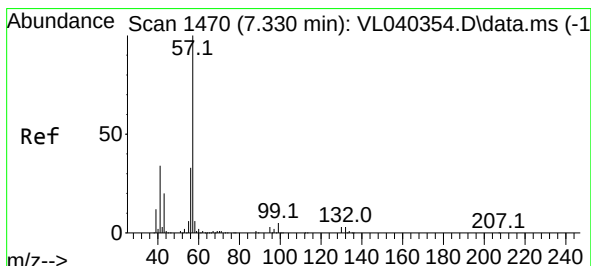
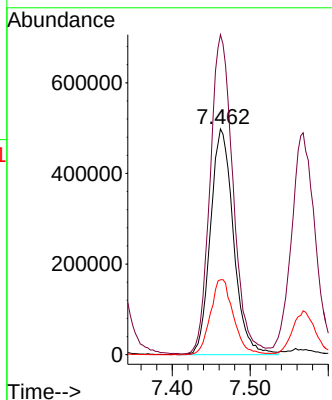
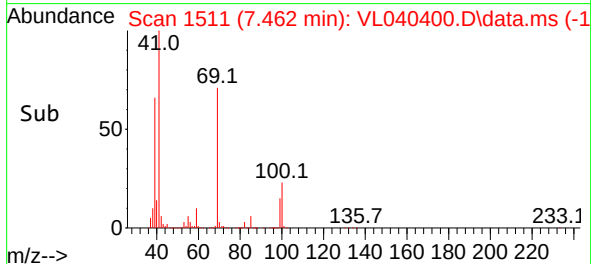
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 69 Resp: 1023400
Ion Ratio Lower Upper
69 100
41 141.0 114.3 171.5
100 33.1 24.5 36.7

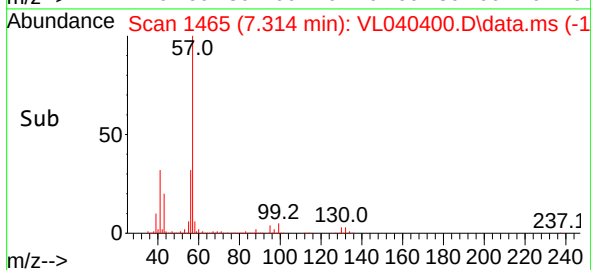
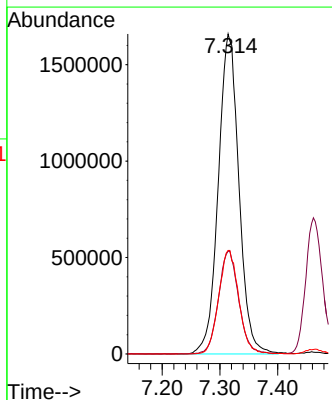
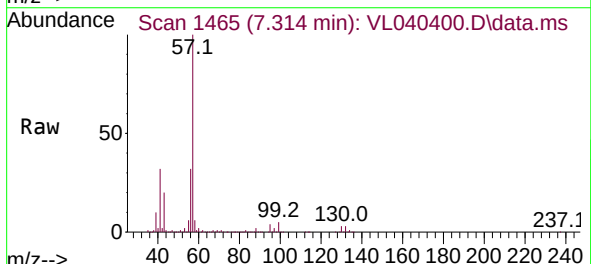
Manual Integrations
APPROVED

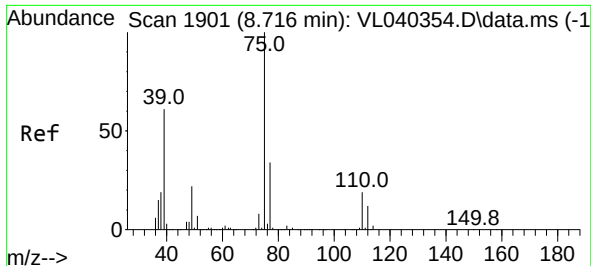
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#44
2,2,4-Trimethylpentane
Concen: 10.015 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Tgt Ion: 57 Resp: 4116092
Ion Ratio Lower Upper
57 100
41 31.7 26.9 40.3
56 31.6 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 12.313 ppbv

RT: 8.697 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 100513

Ion Ratio Lower Upper

75 100

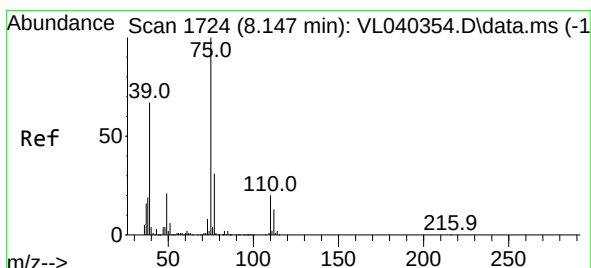
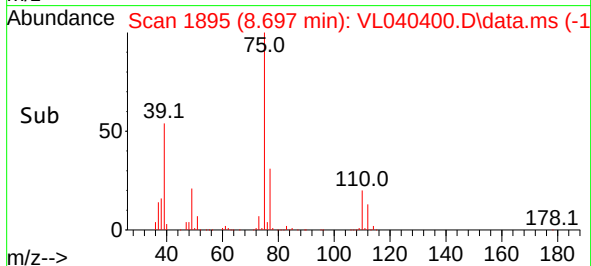
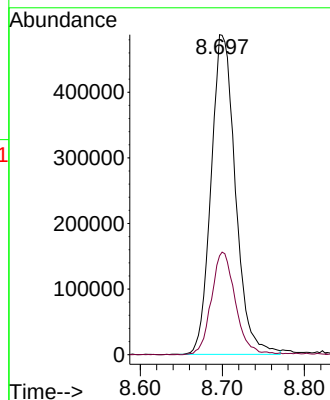
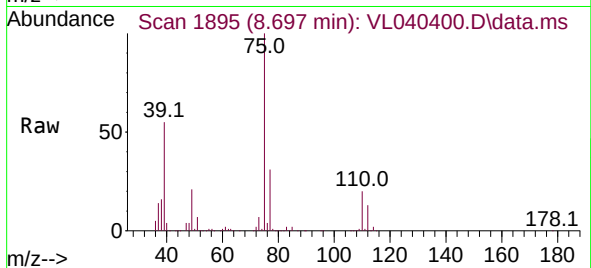
77 30.9 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#46

cis-1,3-Dichloropropene

Concen: 11.702 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.013 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

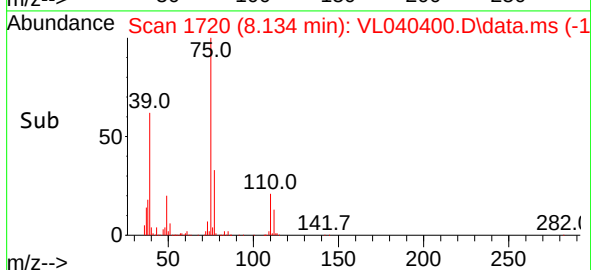
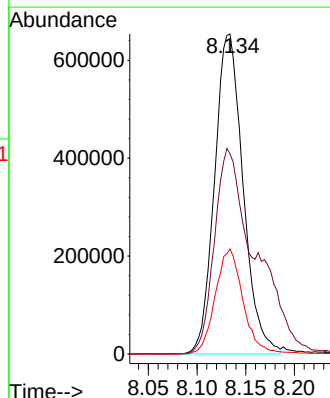
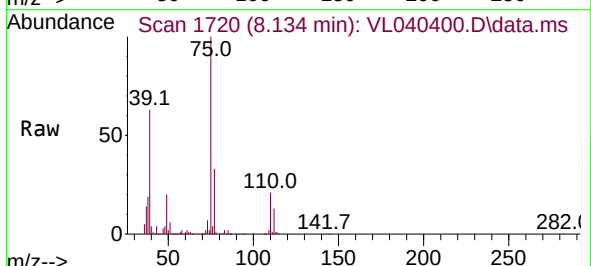
Tgt Ion: 75 Resp: 1329580

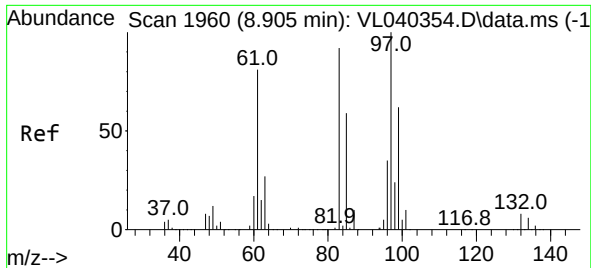
Ion Ratio Lower Upper

75 100

39 62.5 53.4 80.2

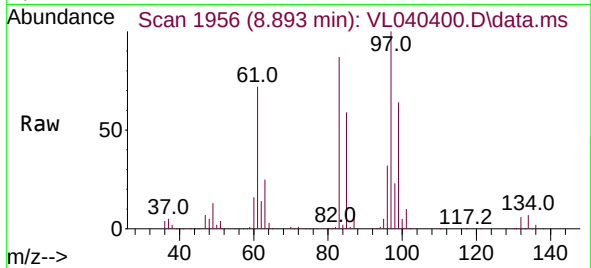
77 32.7 24.7 37.1





#47
1,1,2-Trichloroethane
Concen: 9.861 ppbv
RT: 8.893 min Scan# 1960
Delta R.T. -0.012 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

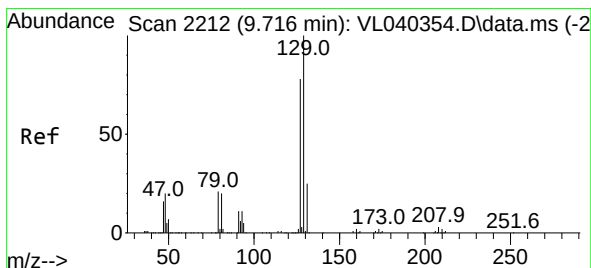
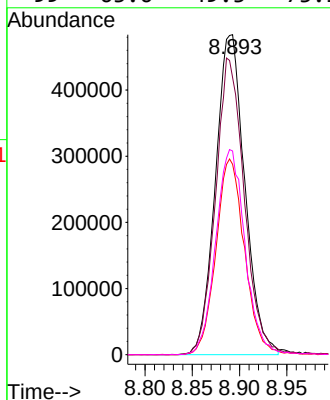
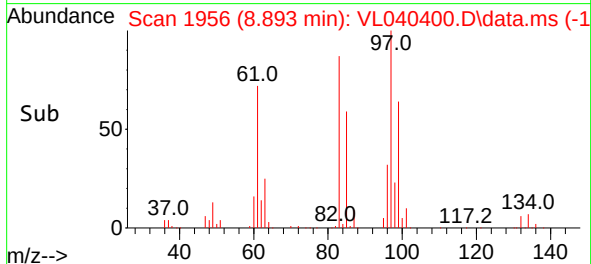
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 1046700
Ion Ratio Lower Upper
97 100
83 86.6 73.3 109.9
85 59.5 46.9 70.3
99 63.6 49.3 73.9

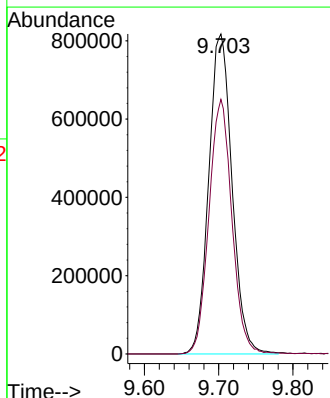
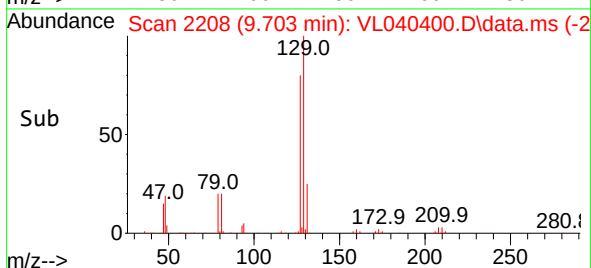
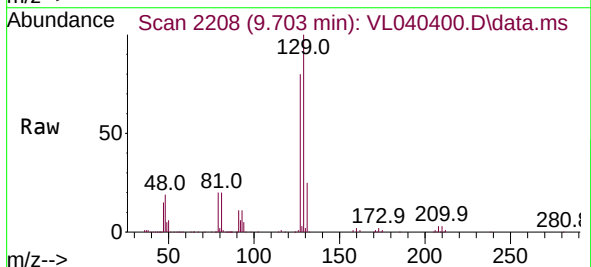
Manual Integrations
APPROVED

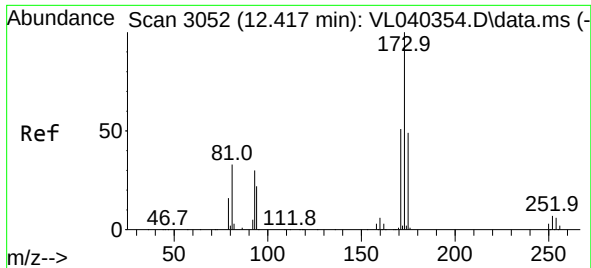
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#48
Dibromochloromethane
Concen: 10.438 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

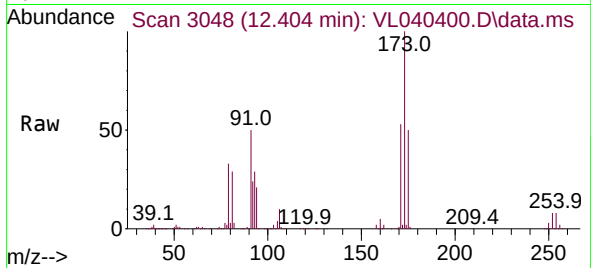
Tgt Ion:129 Resp: 1784291
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6





#49
Bromoform
Concen: 10.816 ppbv
RT: 12.404 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

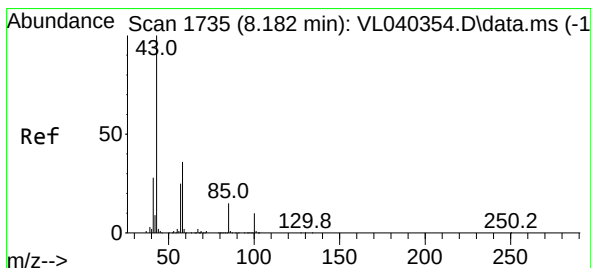
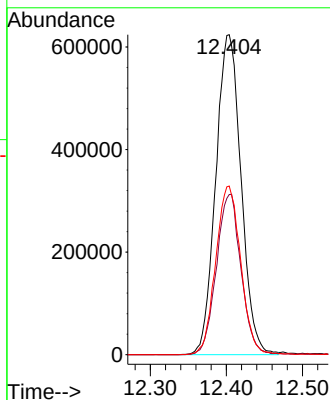
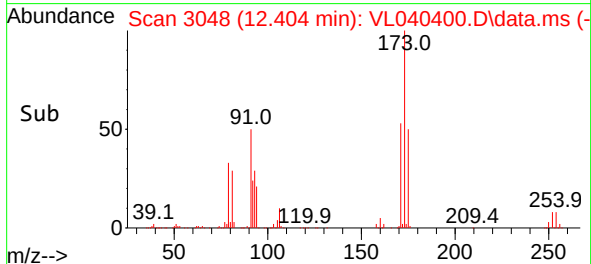
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1442124
Ion Ratio Lower Upper
173 100
175 48.8 39.8 59.8
171 52.2 42.2 63.2

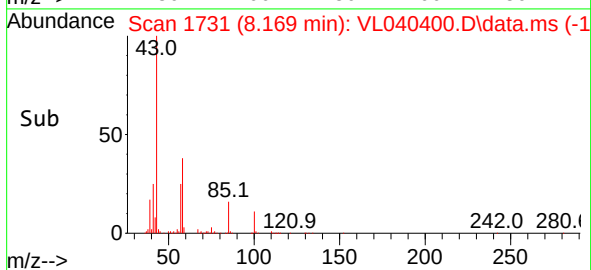
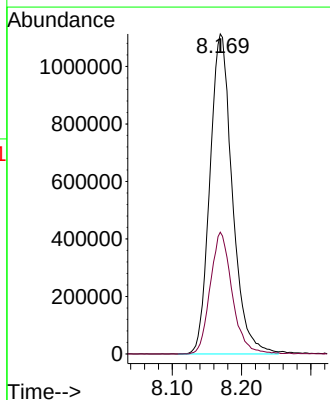
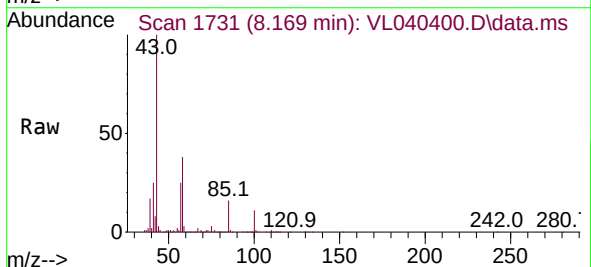
Manual Integrations
APPROVED

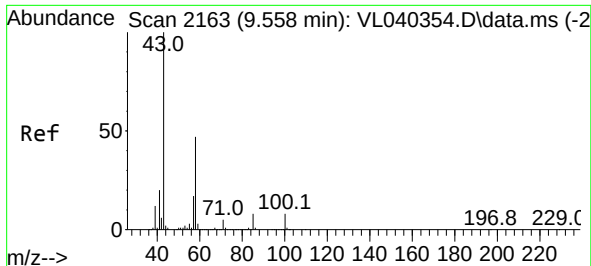
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#50
4-Methyl-2-Pentanone
Concen: 10.147 ppbv
RT: 8.169 min Scan# 1731
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

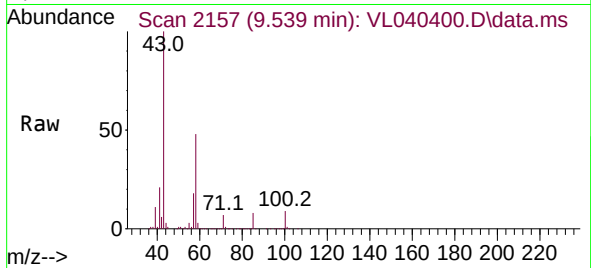
Tgt Ion: 43 Resp: 2501789
Ion Ratio Lower Upper
43 100
58 37.3 28.6 43.0





#51
2-Hexanone
Concen: 10.873 ppbv
RT: 9.539 min Scan# 2163
Delta R.T. -0.019 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

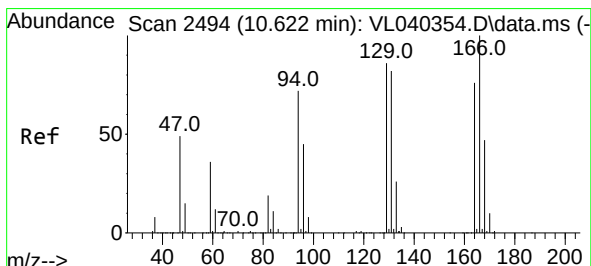
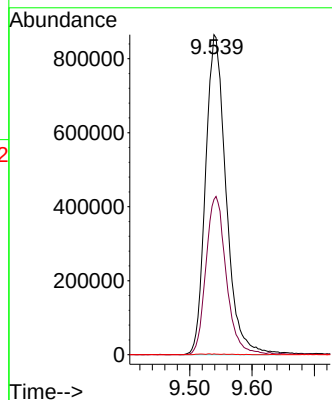
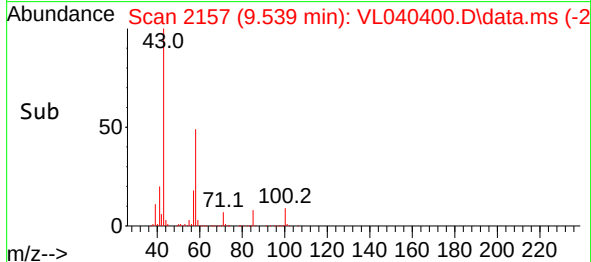
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 198111
Ion Ratio Lower Upper
43 100
58 49.2 38.3 57.5
98 0.3 0.4 0.6

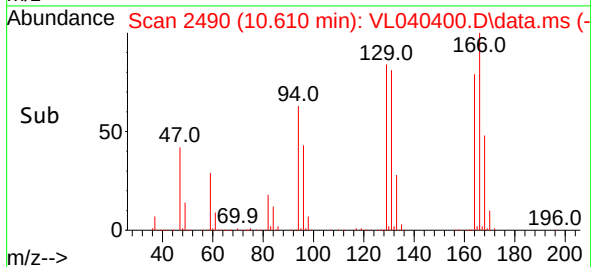
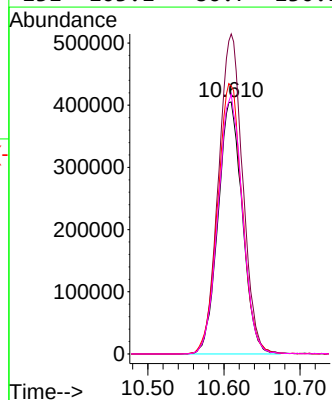
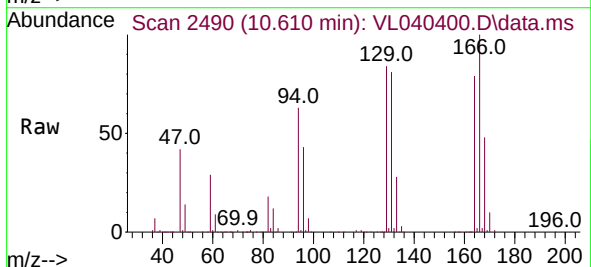
Manual Integrations
APPROVED

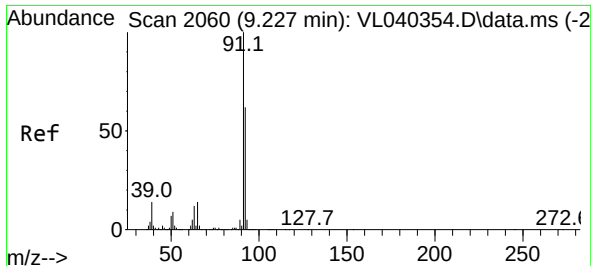
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#52
Tetrachloroethene
Concen: 11.642 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.012 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Tgt Ion:164 Resp: 896035
Ion Ratio Lower Upper
164 100
166 127.0 105.2 157.8
129 106.3 90.3 135.5
131 103.1 86.7 130.1





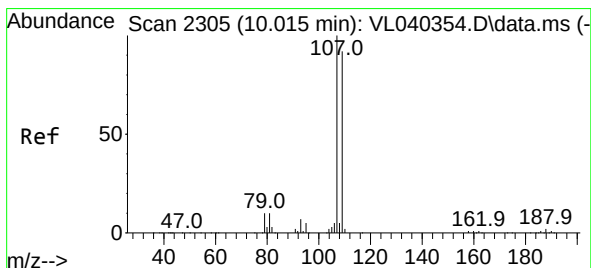
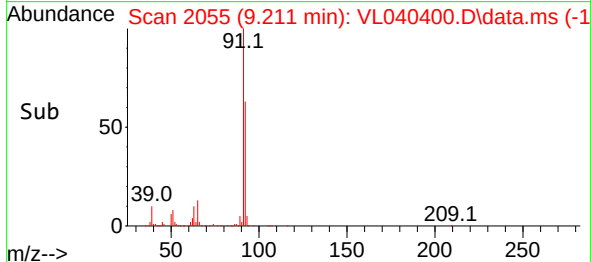
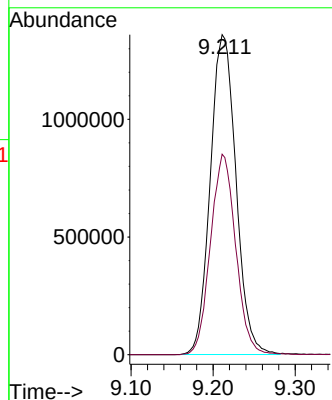
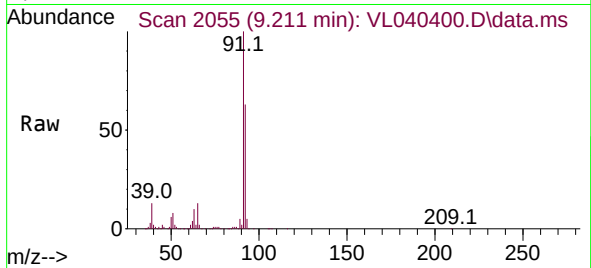
#53
Toluene
Concen: 11.348 ppbv
RT: 9.211 min Scan# 2060
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2960160
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3

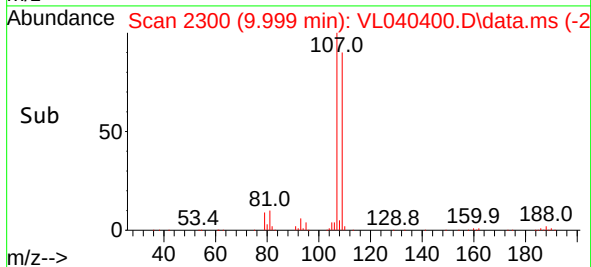
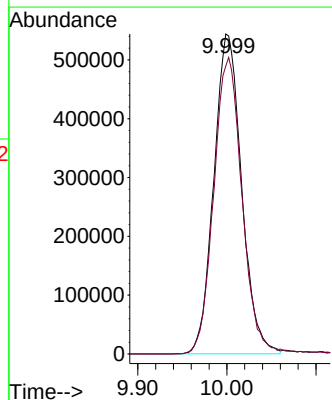
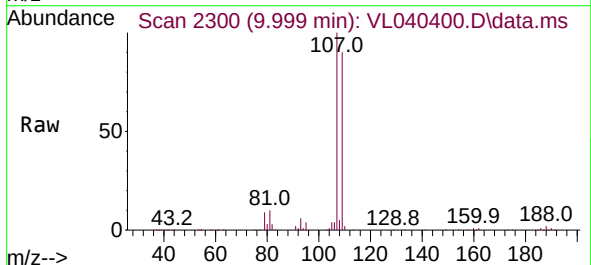
Manual Integrations
APPROVED

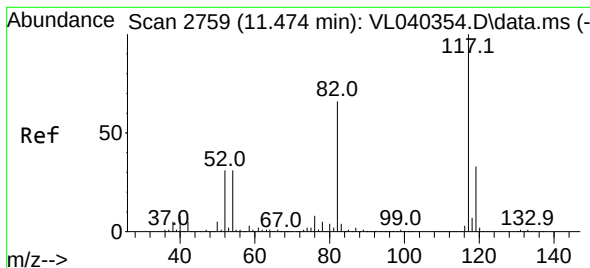
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#54
1,2-Dibromoethane
Concen: 10.937 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

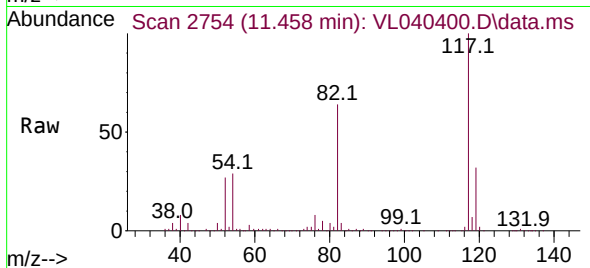
Tgt Ion:107 Resp: 1177032
Ion Ratio Lower Upper
107 100
109 89.9 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.458 min Scan# 2754
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

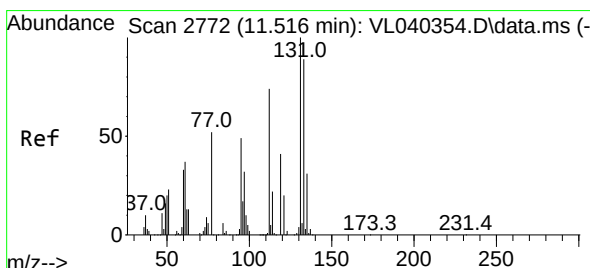
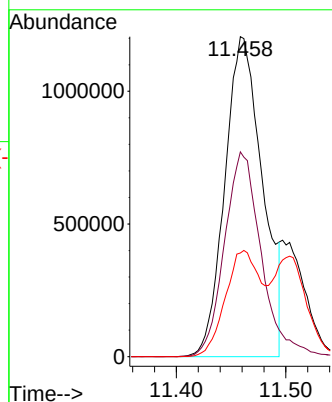
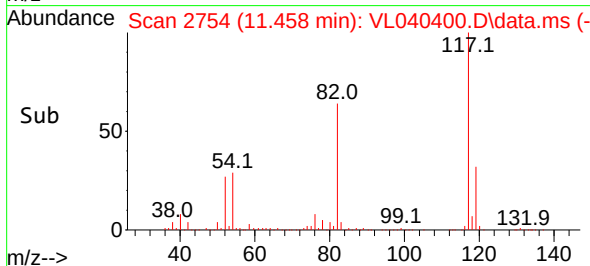
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



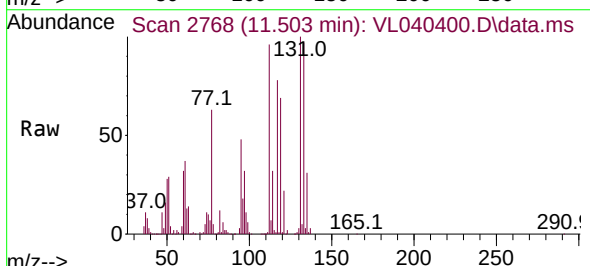
Tgt Ion:117 Resp: 2887400
Ion Ratio Lower Upper
117 100
82 62.8 52.5 78.7
119 32.2 24.3 36.5

Manual Integrations
APPROVED

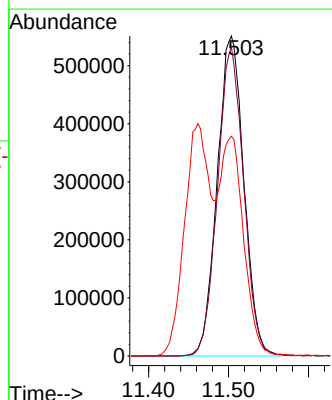
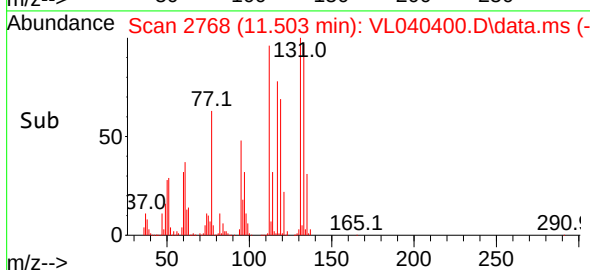
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

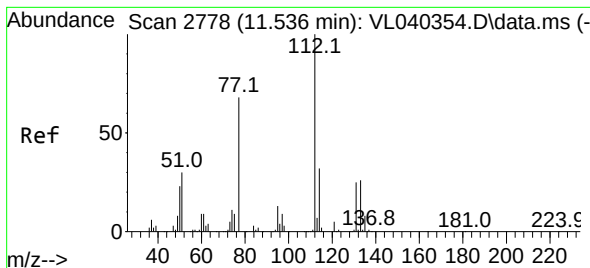


#56
1,1,1,2-Tetrachloroethane
Concen: 9.663 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



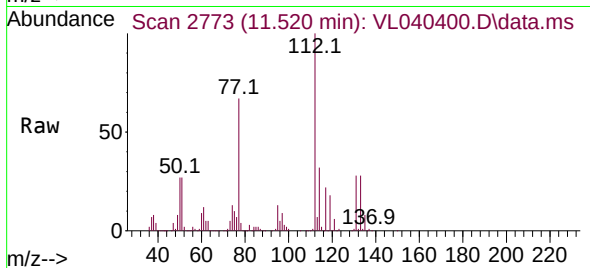
Tgt Ion:131 Resp: 1273577
Ion Ratio Lower Upper
131 100
133 94.8 75.3 112.9
119 61.1 53.9 80.9





#57
Chlorobenzene
Concen: 10.037 ppbv
RT: 11.520 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

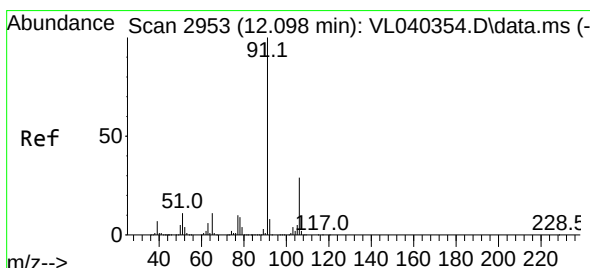
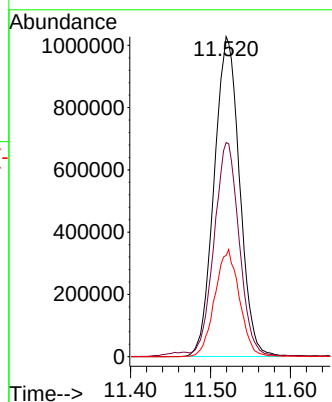
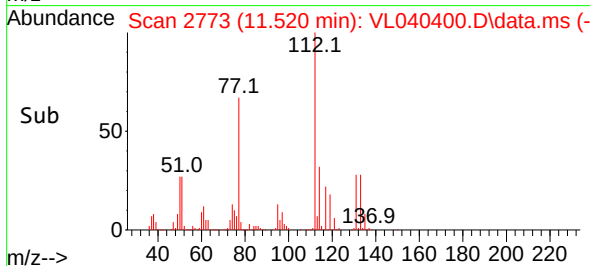
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:112 Resp: 226919
Ion Ratio Lower Upper
112 100
77 66.5 55.8 83.8
114 31.7 29.1 35.5

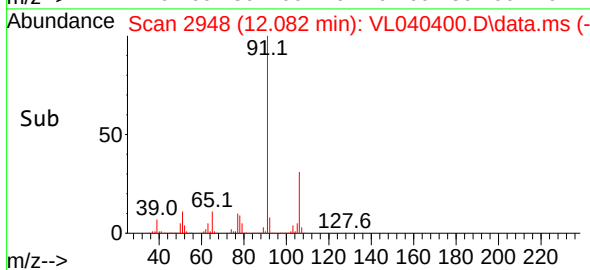
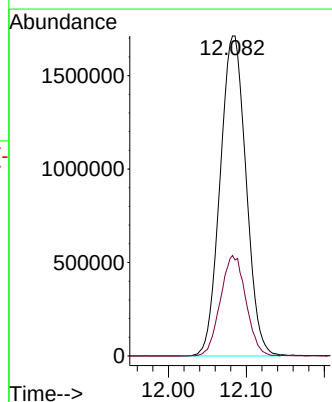
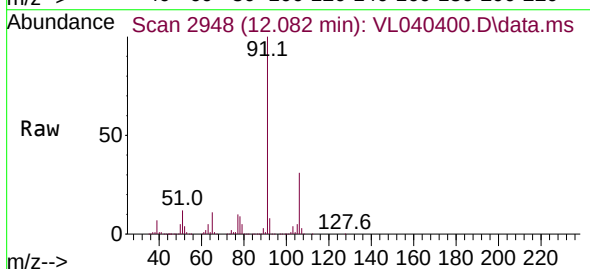
Manual Integrations
APPROVED

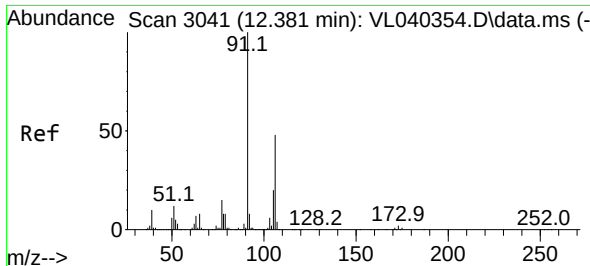
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#58
Ethyl Benzene
Concen: 11.129 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Tgt Ion: 91 Resp: 3952726
Ion Ratio Lower Upper
91 100
106 31.4 23.5 35.3





#59

m/p-Xylene

Concen: 20.357 ppbv m

RT: 12.368 min Scan# 3041

Delta R.T. -0.013 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 664944

Ion Ratio Lower Upper

91 100

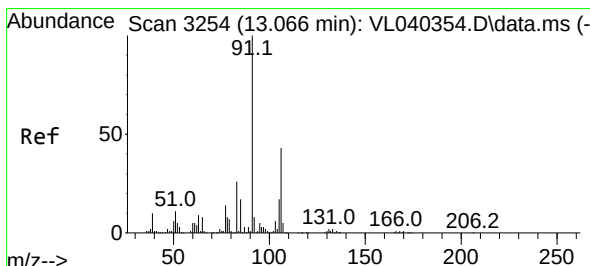
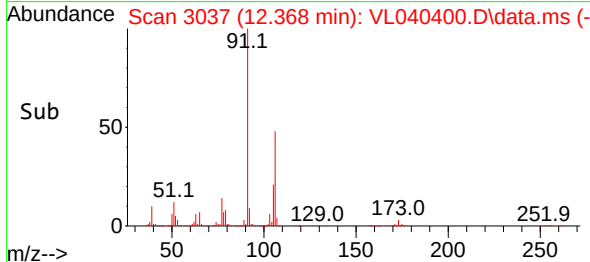
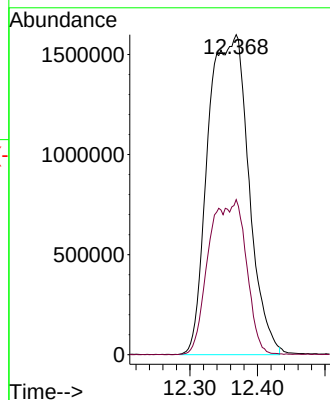
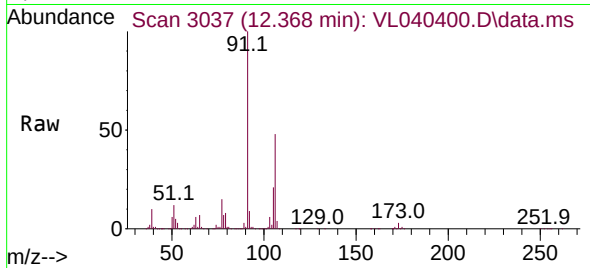
106 44.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#60

o-Xylene

Concen: 10.235 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.013 min

Lab File: VL040400.D

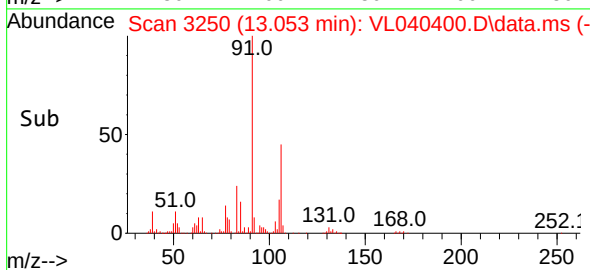
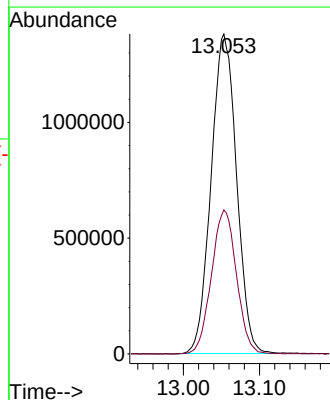
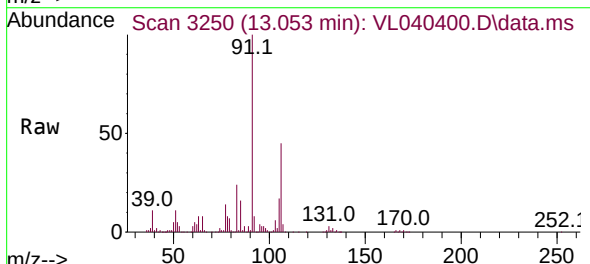
Acq: 11 May 2023 13:59

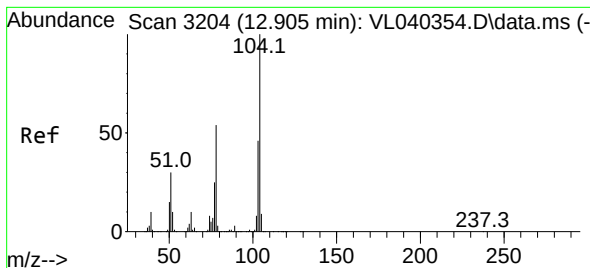
Tgt Ion: 91 Resp: 3208550

Ion Ratio Lower Upper

91 100

106 44.5 21.9 65.8





#61

Styrene

Concen: 12.444 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

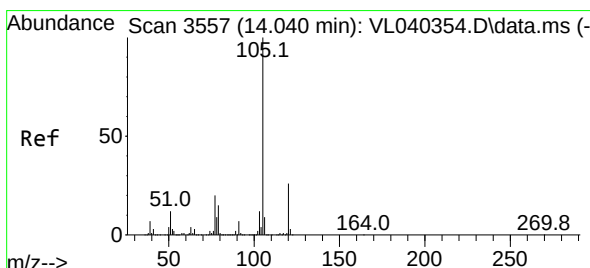
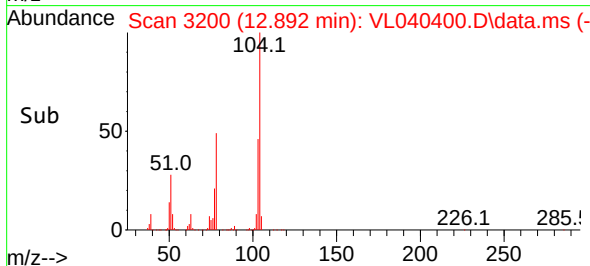
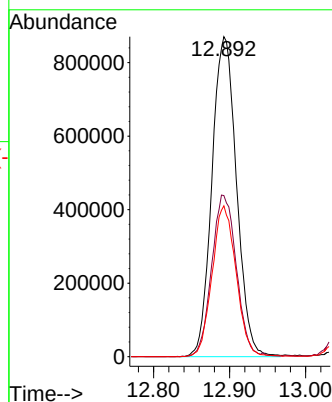
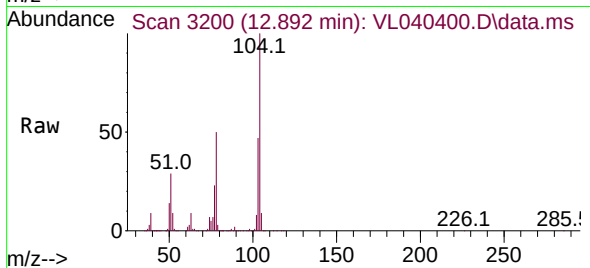
Tgt Ion:104 Resp: 1954154

Ion	Ratio	Lower	Upper
104	100		
78	50.9	43.4	65.0
103	46.3	37.0	55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#62

Isopropylbenzene

Concen: 10.014 ppbv

RT: 14.024 min Scan# 3552

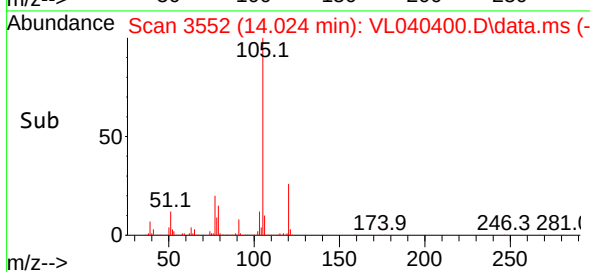
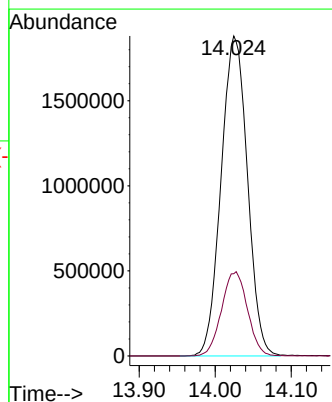
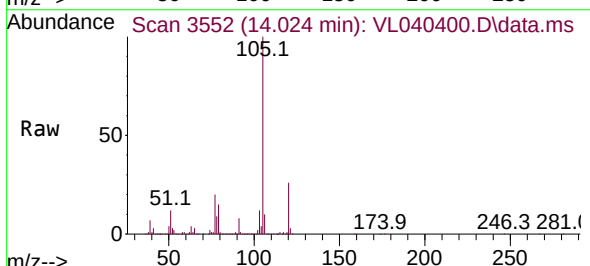
Delta R.T. -0.016 min

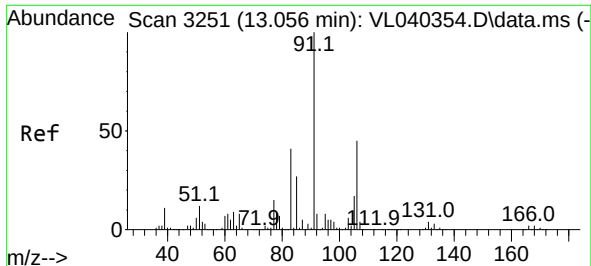
Lab File: VL040400.D

Acq: 11 May 2023 13:59

Tgt Ion:105 Resp: 4520997

Ion	Ratio	Lower	Upper
105	100		
120	25.9	19.9	29.9





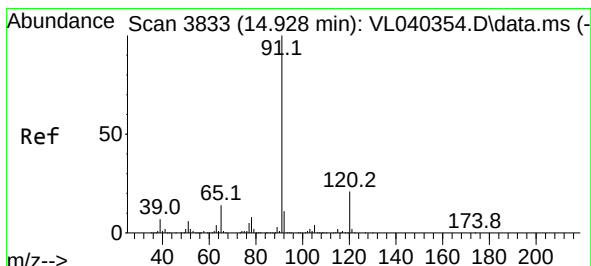
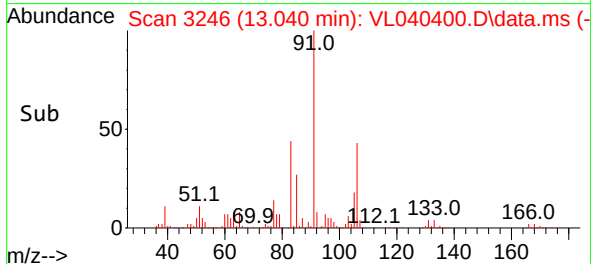
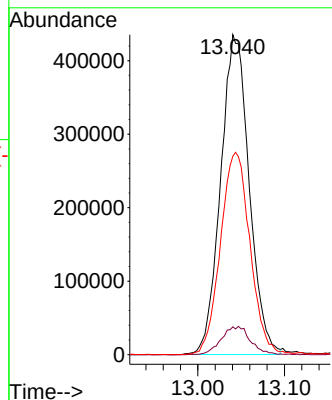
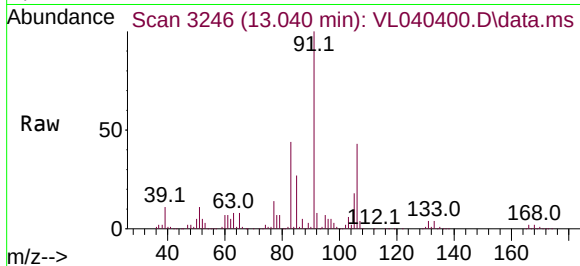
#63
1,1,2,2-Tetrachloroethane
Concen: 8.666 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 994162
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 66.0 32.9 98.6

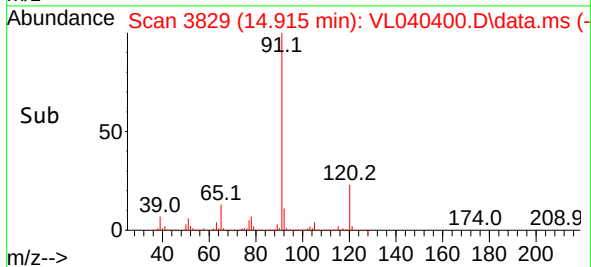
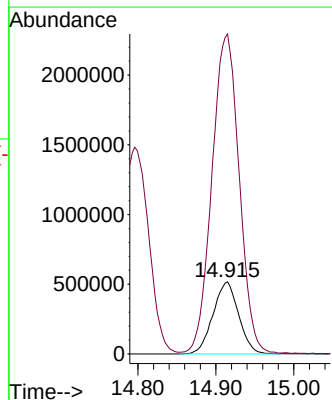
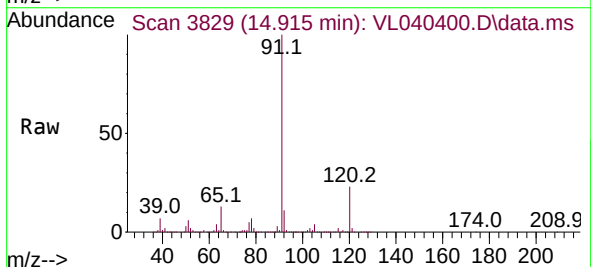
Manual Integrations
APPROVED

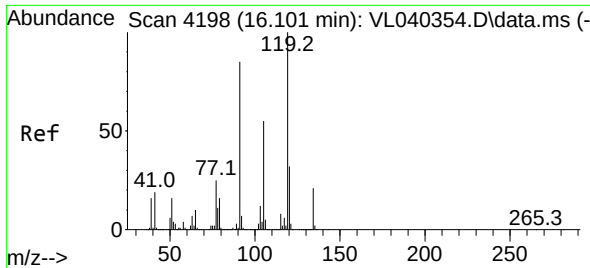
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#64
n-propylbenzene
Concen: 10.628 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

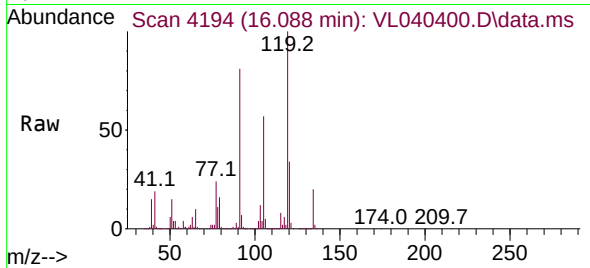
Tgt Ion:120 Resp: 1180599
Ion Ratio Lower Upper
120 100
91 475.0 397.4 596.0





#65
tert-Butylbenzene
Concen: 9.957 ppbv
RT: 16.088 min Scan# 4198
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

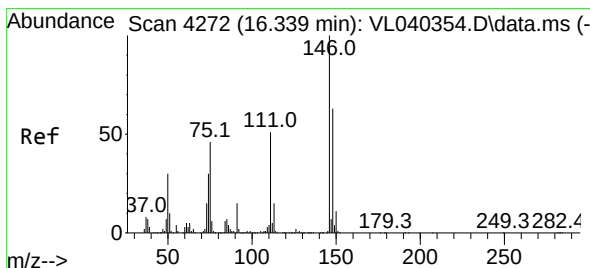
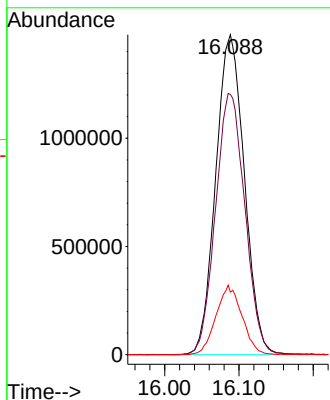
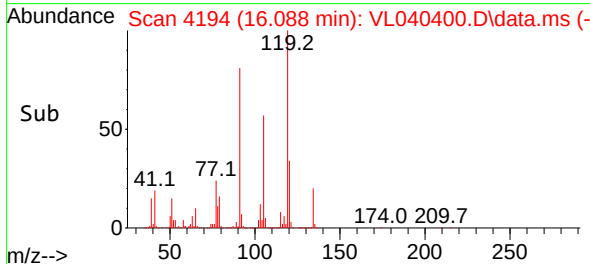
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



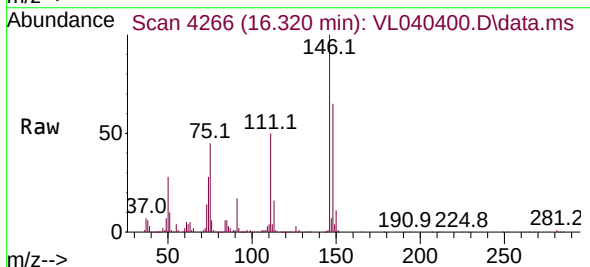
Tgt Ion: 119 Resp: 395505
Ion Ratio Lower Upper
119 100
91 83.9 70.1 105.1
134 19.7 15.6 23.4

Manual Integrations
APPROVED

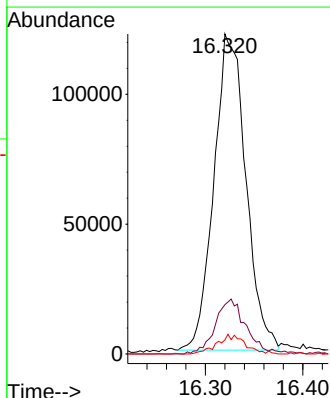
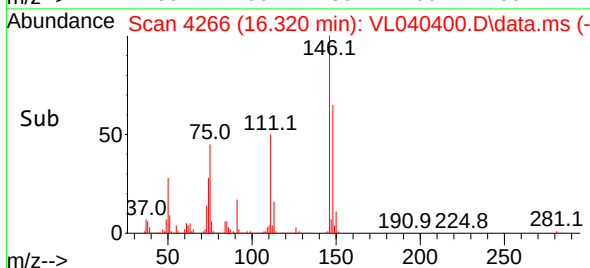
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

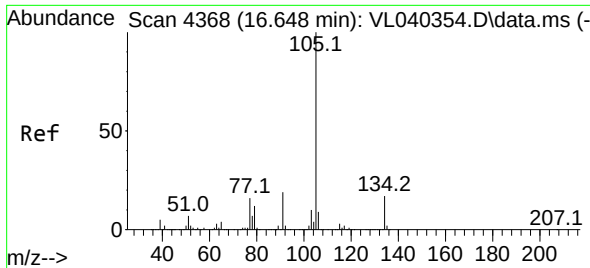


#66
Benzyl Chloride
Concen: 11.274 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.019 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



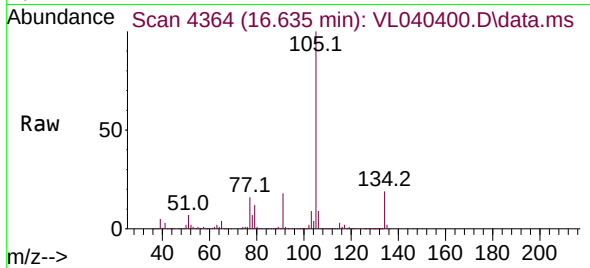
Tgt Ion: 91 Resp: 277254
Ion Ratio Lower Upper
91 100
126 17.0 12.3 18.5
128 5.4 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.771 ppbv
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59

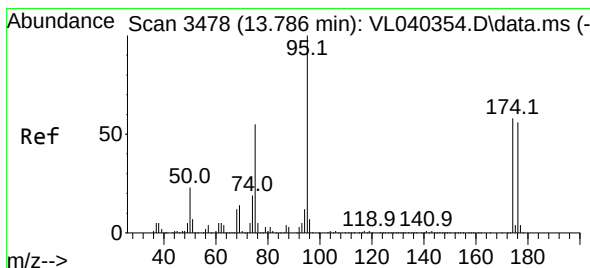
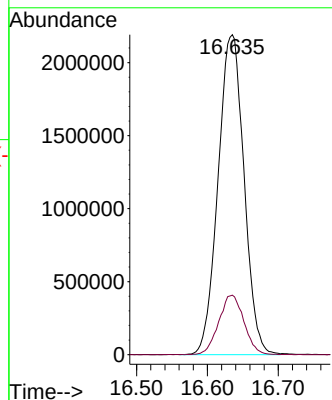
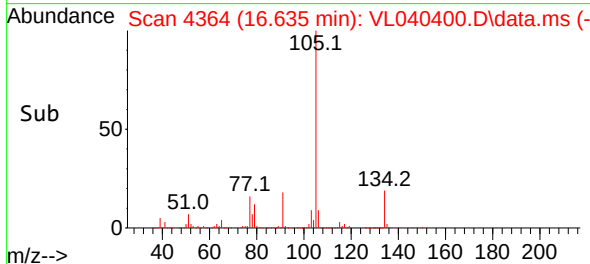
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



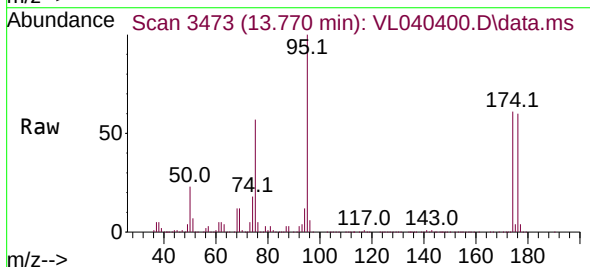
Tgt Ion:105 Resp: 557435
 Ion Ratio Lower Upper
 105 100
 134 18.2 13.8 20.6

Manual Integrations
 APPROVED

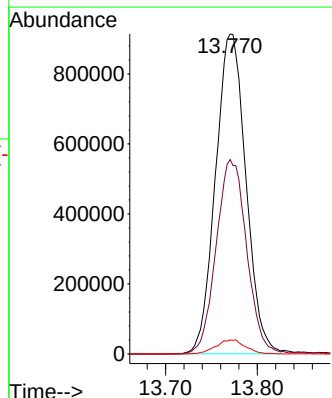
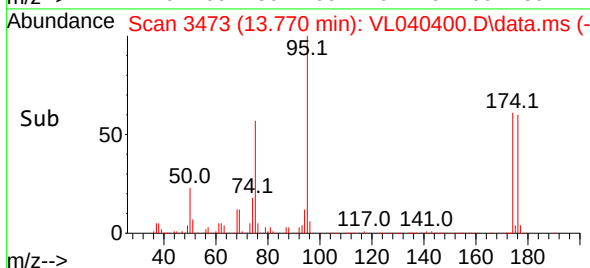
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023

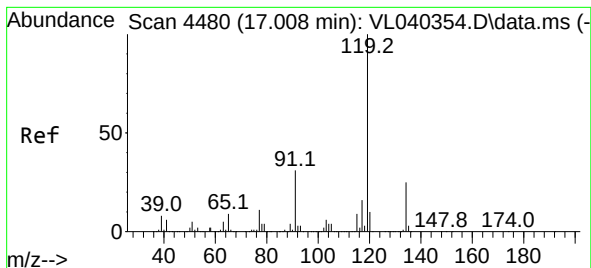


#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.801 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.016 min
 Lab File: VL040400.D
 Acq: 11 May 2023 13:59



Tgt Ion: 95 Resp: 2101445
 Ion Ratio Lower Upper
 95 100
 174 61.5 47.2 70.8
 175 4.3 3.5 5.3





#69

p-Isopropyltoluene

Concen: 10.235 ppbv

RT: 16.995 min Scan# 4480

Delta R.T. -0.013 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 4559475

Ion Ratio Lower Upper

119 100

134 25.6 20.2 30.4

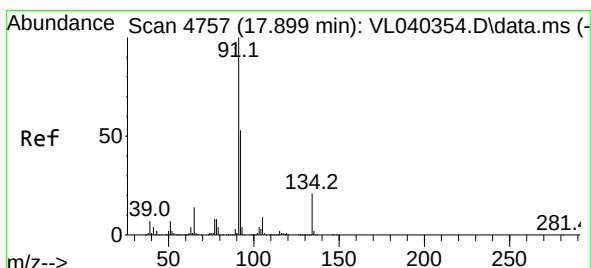
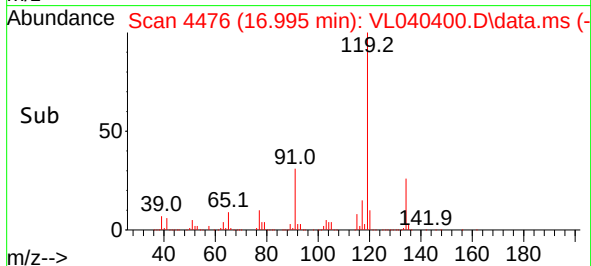
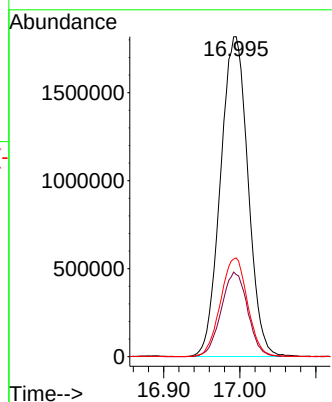
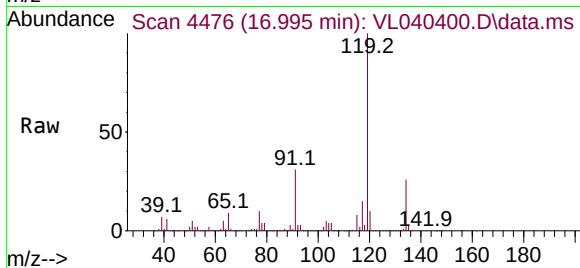
91 30.4 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#70

n-Butylbenzene

Concen: 9.830 ppbv

RT: 17.883 min Scan# 4752

Delta R.T. -0.016 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

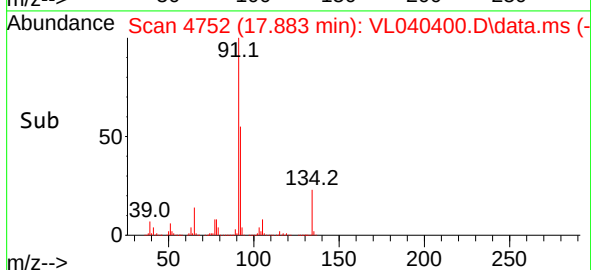
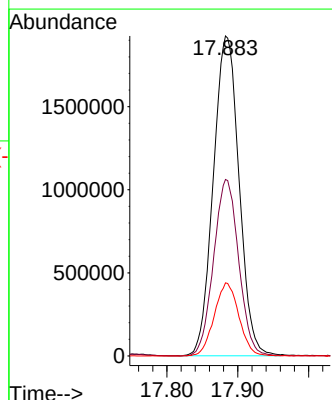
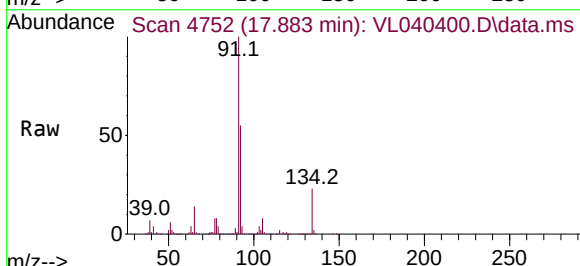
Tgt Ion: 91 Resp: 4854609

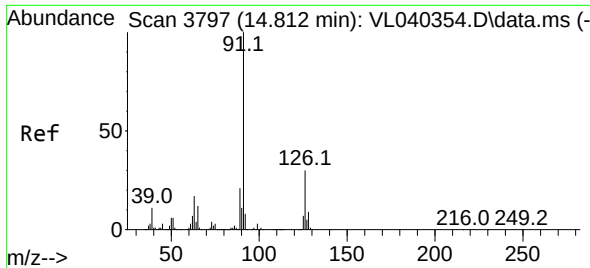
Ion Ratio Lower Upper

91 100

92 53.9 43.0 64.4

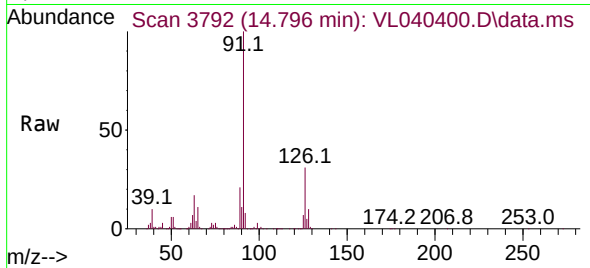
134 21.9 16.6 25.0





#71
2-Chlorotoluene
Concen: 10.154 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

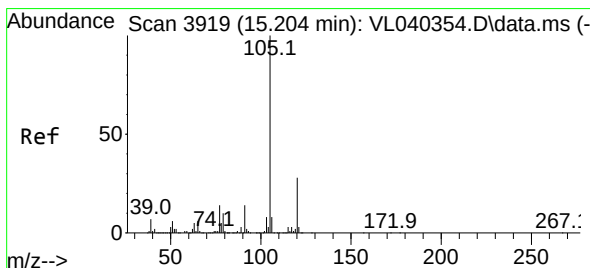
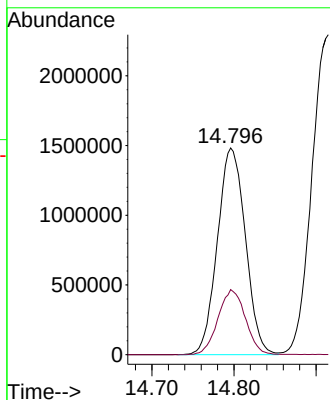
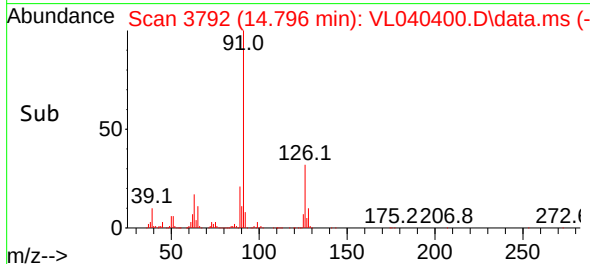
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



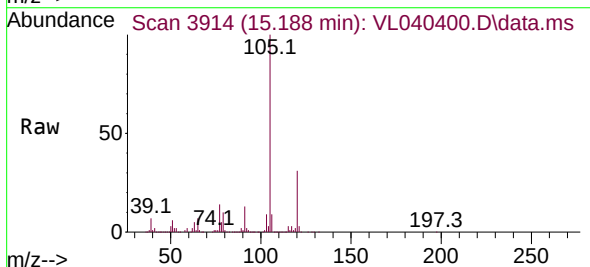
Tgt Ion: 91 Resp: 3519409
Ion Ratio Lower Upper
91 100
126 30.9 11.8 47.4

Manual Integrations
APPROVED

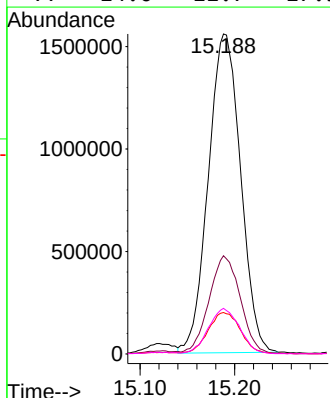
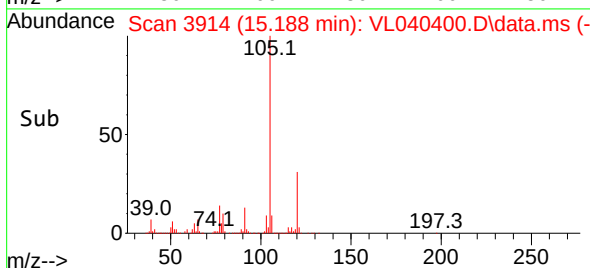
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

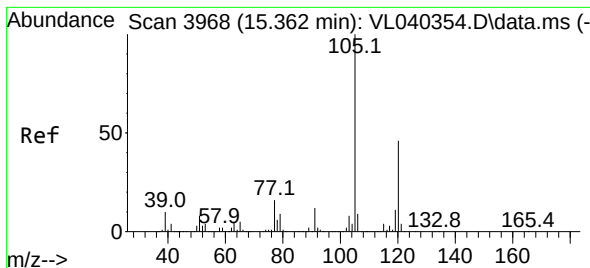


#72
4-Ethyltoluene
Concen: 10.657 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



Tgt Ion:105 Resp: 3688166
Ion Ratio Lower Upper
105 100
120 30.2 23.0 34.6
91 13.7 11.3 16.9
77 14.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.253 ppbv

RT: 15.349 min Scan# 3964

Delta R.T. -0.013 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 327762

Ion Ratio Lower Upper

105 100

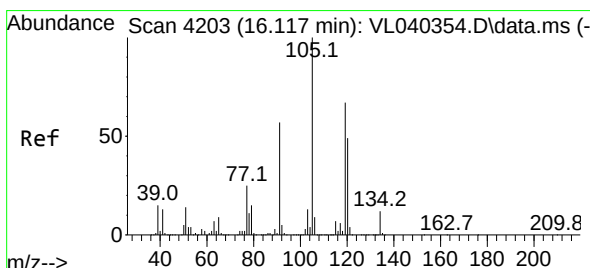
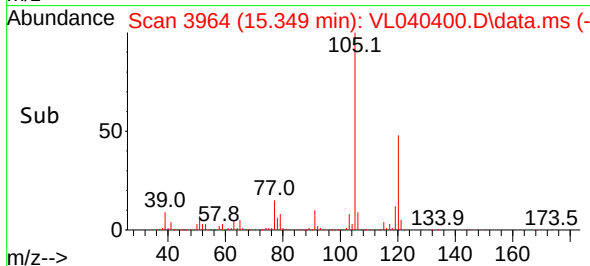
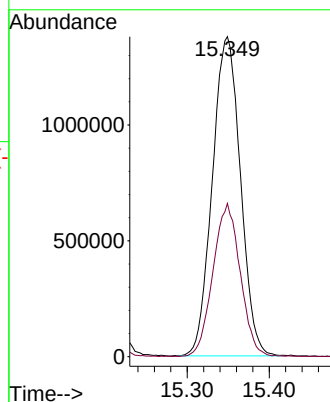
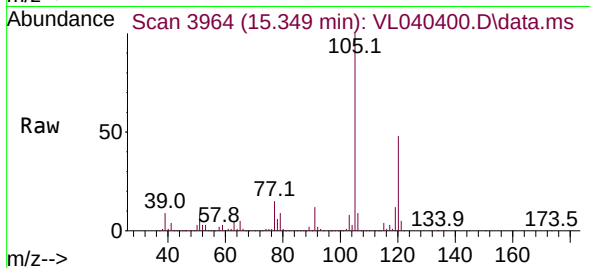
120 47.9 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.680 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. -0.012 min

Lab File: VL040400.D

Acq: 11 May 2023 13:59

Tgt Ion:105 Resp: 3537001

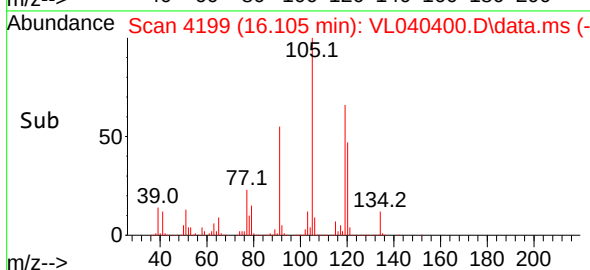
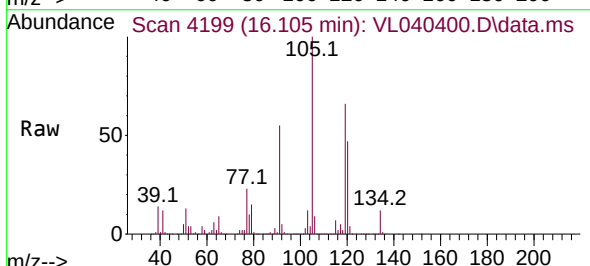
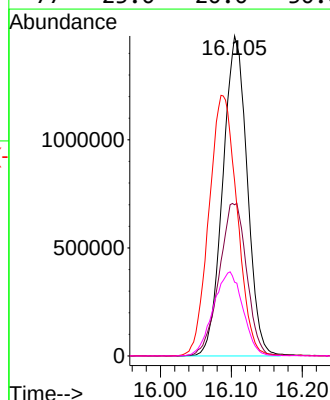
Ion Ratio Lower Upper

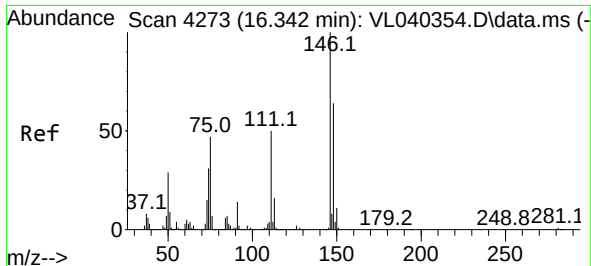
105 100

120 47.2 38.9 58.3

91 54.5 46.0 69.0

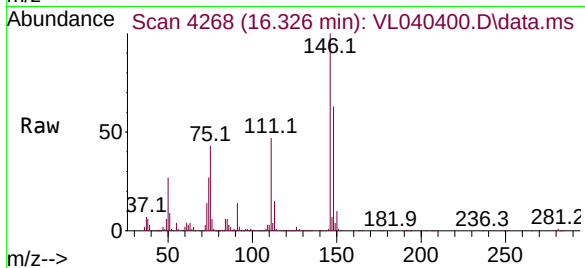
77 23.0 20.0 30.0





#75
1,3-Dichlorobenzene
Concen: 10.130 ppbv
RT: 16.326 min Scan# 4313
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

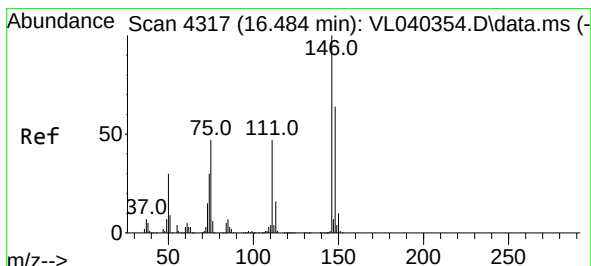
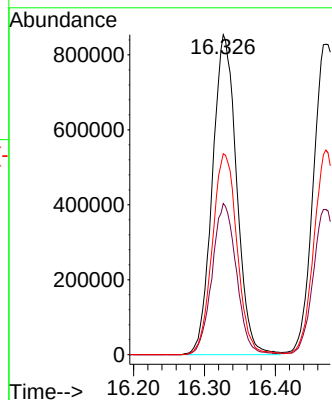
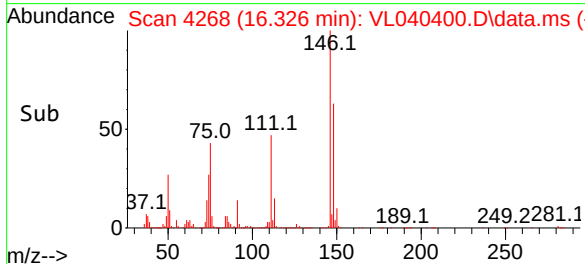
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



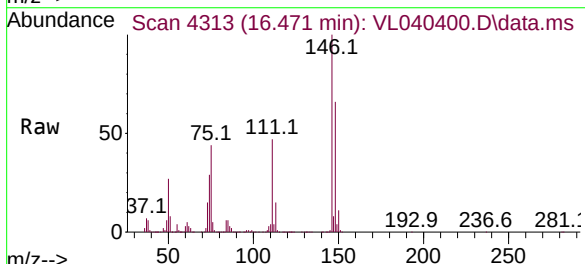
Tgt Ion:146 Resp: 202728
Ion Ratio Lower Upper
146 100
111 47.5 24.6 74.0
148 64.2 32.1 96.3

Manual Integrations
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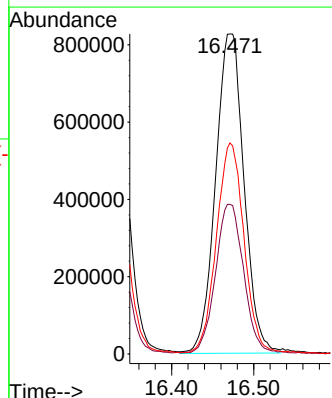
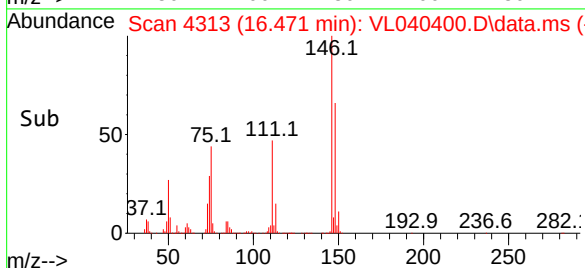
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

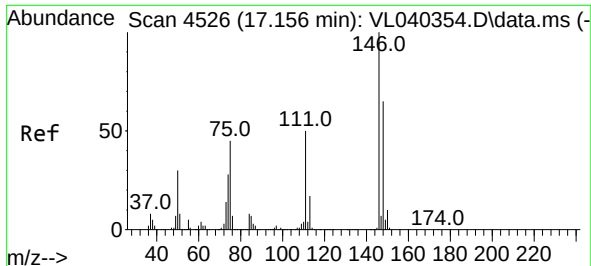


#76
1,4-Dichlorobenzene
Concen: 10.090 ppbv
RT: 16.471 min Scan# 4313
Delta R.T. -0.013 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59



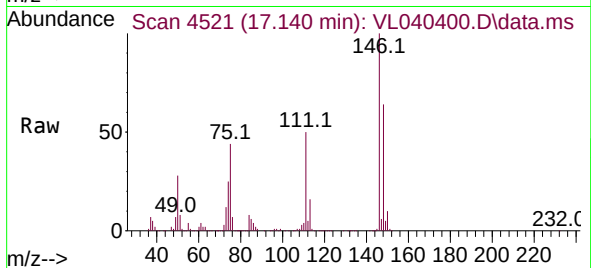
Tgt Ion:146 Resp: 1995105
Ion Ratio Lower Upper
146 100
111 46.9 23.8 71.4
148 64.4 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.802 ppbv
RT: 17.140 min Scan# 4526
Delta R.T. -0.016 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

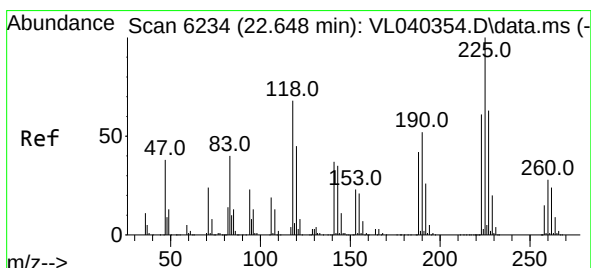
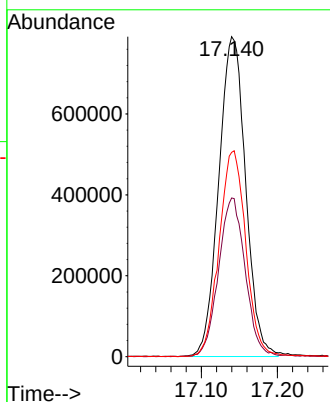
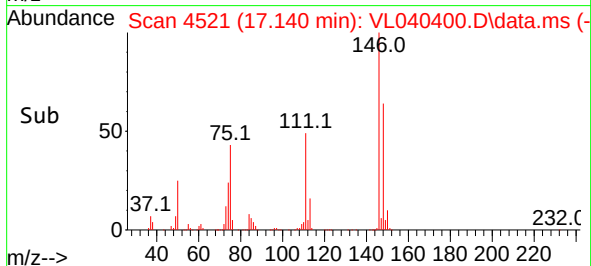
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 1939639
Ion Ratio Lower Upper
146 100
111 49.6 25.4 76.0
148 64.5 32.0 96.2

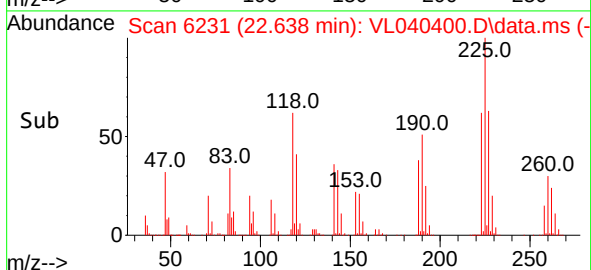
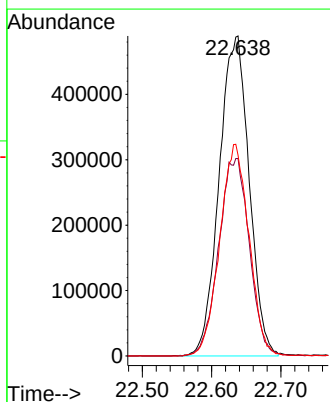
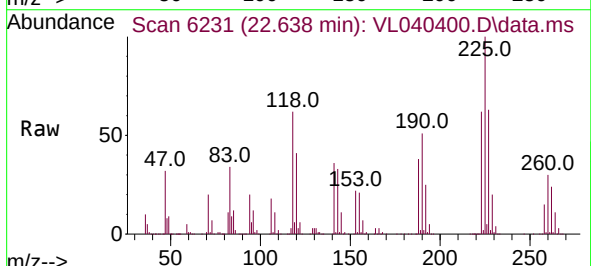
Manual Integrations
APPROVED

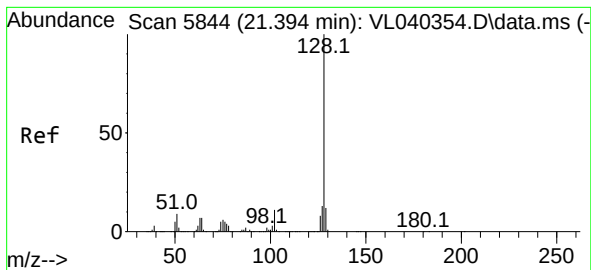
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.269 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

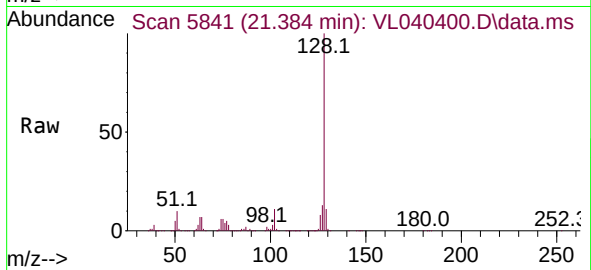
Tgt Ion:225 Resp: 1470524
Ion Ratio Lower Upper
225 100
223 63.2 50.7 76.1
227 64.8 51.0 76.4





#79
Naphthalene
Concen: 12.806 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

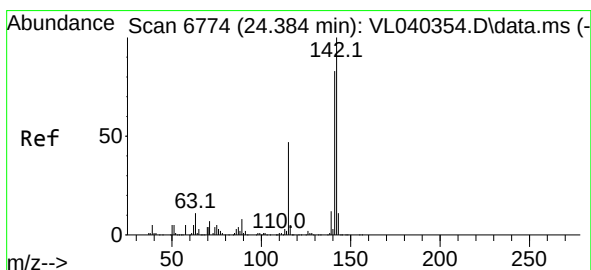
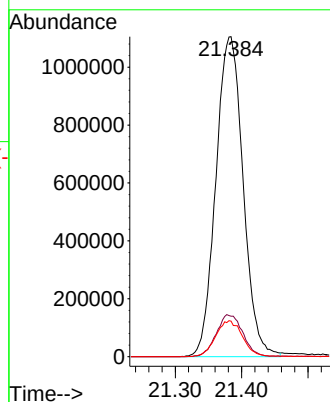
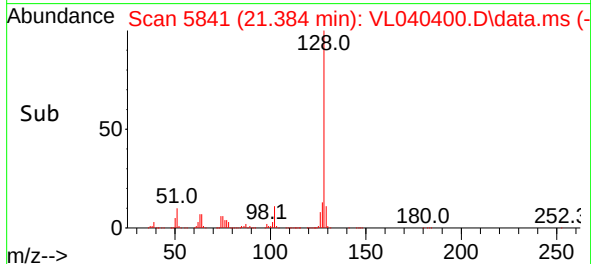
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 315847
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.1 9.4 14.0

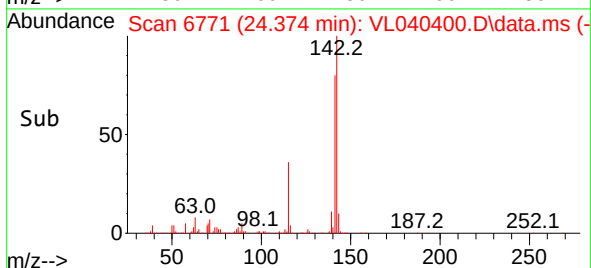
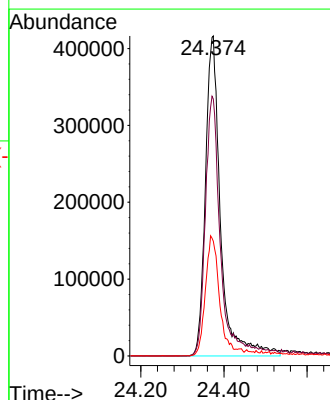
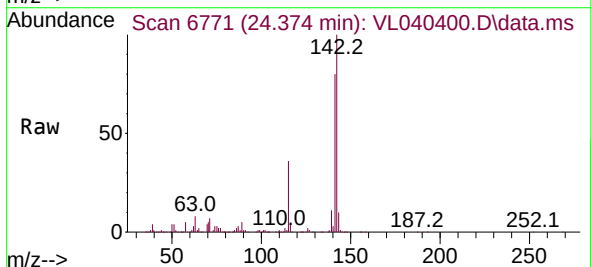
Manual Integrations
APPROVED

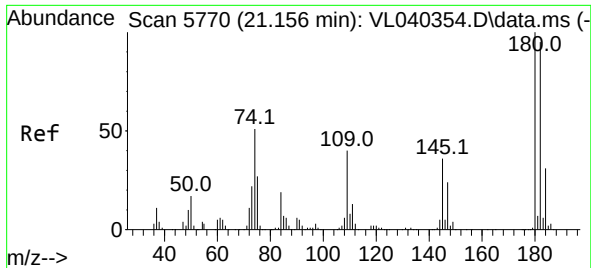
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#80
Naphthalene,2-methyl-
Concen: 14.396 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. -0.010 min
Lab File: VL040400.D
Acq: 11 May 2023 13:59

Tgt Ion:142 Resp: 1056931
Ion Ratio Lower Upper
142 100
141 83.5 65.1 97.7
115 36.2 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 10.771 ppbv

RT: 21.140 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040400.D

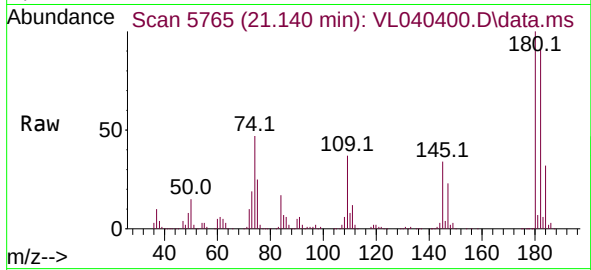
Acq: 11 May 2023 13:59

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 1632490

Ion Ratio Lower Upper

180 100

182 95.4 77.7 116.5

184 31.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023

