

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
 Data File : VL040722.D
 Acq On : 27 Sep 2023 11:25
 Operator : SY/MD
 Sample : VL0927ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS01

Quant Time: Sep 28 01:43:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/28/2023
 Supervised By : Mahesh Dadoda 09/28/2023

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

Internal Standards						
1) Bromochloromethane	5.176	49	1252201	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.635	114	3478249	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.439	117	3292180	10.000	ppbv	-0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	2331522	9.166	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	2446800	8.868	ppbv	99
3) Chlorodifluoromethane	2.674	51	1876557	9.199	ppbv	95
4) Chloromethane	2.812	50	767295	9.825	ppbv	99
5) Vinyl Chloride	2.919	62	844104	9.145	ppbv	97
6) Bromomethane	3.115	94	402987	9.049	ppbv	98
7) Chloroethane	3.192	64	300733	9.486	ppbv	99
8) Dichlorotetrafluoroethane	2.854	85	1995120	8.760	ppbv	98
9) Propene	2.693	41	636983	10.839	ppbv	98
10) Heptane	7.555	43	1535913	11.599	ppbv	99
11) Trichlorofluoromethane	3.555	101	2034005	8.386	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.057	101	1537379	8.861	ppbv	97
13) Ethanol	3.237	45	149259	8.581	ppbv	97
14) Bromoethene	3.359	108	639896	8.793	ppbv	96
15) Acetone	3.462	43	1437621	8.704	ppbv	100
16) 1,3-Butadiene	2.983	39	711823	9.889	ppbv	91
17) tert-Butyl alcohol	3.870	59	1568838	9.273	ppbv	99
18) 1,1-Dichloroethene	3.870	96	721589	9.357	ppbv	97
19) Isopropyl Alcohol	3.568	45	943104	9.476	ppbv #	98
20) Methylene Chloride	3.922	84	628810	7.073	ppbv	97
21) Allyl Chloride	3.986	41	1021563	10.092	ppbv	97
22) trans-1,2-Dichloroethene	4.433	96	774909	10.163	ppbv	97
23) Vinyl Acetate	4.613	43	1801346	10.546	ppbv	98
24) 1,1-Dichloroethane	4.549	63	1528747	9.563	ppbv	99
25) Ethyl Acetate	5.189	43	2722217	10.219	ppbv	99
26) Hexane	5.195	57	1263597	10.032	ppbv	93
27) Carbon Disulfide	4.111	76	1855263	10.562	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	1147468	10.588	ppbv	100
29) Chloroform	5.259	83	2050715	9.429	ppbv	99
30) Cyclohexane	6.581	84	1103449	11.633	ppbv	97
31) cis-1,2-Dichloroethene	5.063	61	1257556	10.761	ppbv	92
32) 1,1,1-Trichloroethane	5.986	97	2038720	9.169	ppbv	99
34) 2-Butanone	4.771	43	1586490	9.070	ppbv	98
35) Carbon Tetrachloride	6.471	117	2099452	8.790	ppbv	97
36) Benzene	6.349	78	2734509	10.617	ppbv	95
37) 1,2-Dichloroethane	5.790	62	1511069	8.572	ppbv #	97
38) Trichloroethene	7.269	130	1065723	10.850	ppbv	99
39) 1,2-Dichloropropane	7.053	63	1024920	10.338	ppbv	94
40) 1,4-Dioxane	7.262	88	441138	11.770	ppbv #	97
41) Tetrahydrofuran	5.539	42	1005174	11.206	ppbv	99
42) Bromodichloromethane	7.227	83	2272777	9.449	ppbv	98
43) Methyl Methacrylate	7.452	69	1107397	11.567	ppbv	96
44) 2,2,4-Trimethylpentane	7.304	57	4361189	10.634	ppbv	96
45) t-1,3-Dichloropropene	8.684	75	979561	13.195	ppbv	99

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

Quant Time: Sep 28 01:43:03 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

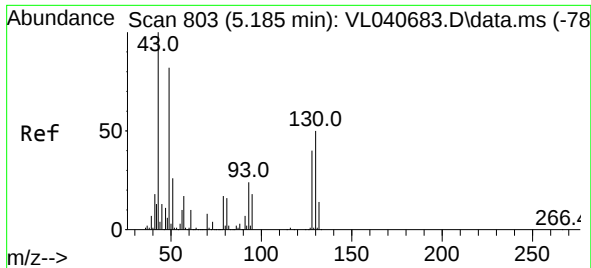
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

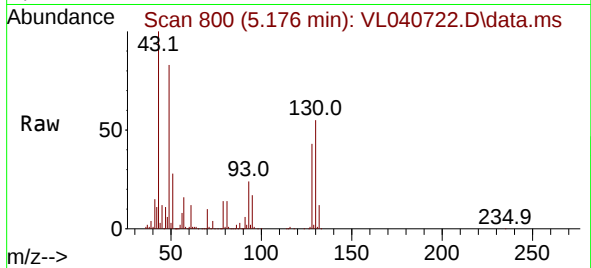
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	1127142	12.410	ppbv	94
47) 1,1,2-Trichloroethane	8.876	97	1127511	9.910	ppbv	98
48) Dibromochloromethane	9.684	129	1924314	10.253	ppbv	100
49) Bromoform	12.378	173	1596226	10.355	ppbv	100
50) 4-Methyl-2-Pentanone	8.156	43	2500249	10.577	ppbv	96
51) 2-Hexanone	9.523	43	1839113	11.273	ppbv #	95
52) Tetrachloroethene	10.590	164	947677	11.279	ppbv	97
53) Toluene	9.195	91	3121098	11.478	ppbv	100
54) 1,2-Dibromoethane	9.983	107	1595764	10.988	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.481	131	1409691	8.983	ppbv	99
57) Chlorobenzene	11.497	112	2442848	9.799	ppbv	98
58) Ethyl Benzene	12.060	91	4142027	11.035	ppbv	99
59) m/p-Xylene	12.346	91	7043413m	19.984	ppbv	
60) o-Xylene	13.027	91	3372526	10.034	ppbv	99
61) Styrene	12.867	104	1770577	12.569	ppbv	97
62) Isopropylbenzene	14.002	105	4938896	9.732	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.018	83	2430669	9.227	ppbv	98
64) n-propylbenzene	14.889	120	1296839	10.220	ppbv	95
65) tert-Butylbenzene	16.063	119	4320436	9.485	ppbv	96
66) Benzyl Chloride	16.294	91	577060	10.855	ppbv	99
67) sec-Butylbenzene	16.606	105	6111566	9.373	ppbv	99
69) p-Isopropyltoluene	16.966	119	5034245	9.823	ppbv	98
70) n-Butylbenzene	17.857	91	5290098	9.379	ppbv	99
71) 2-Chlorotoluene	14.770	91	3802814	10.128	ppbv	98
72) 4-Ethyltoluene	15.166	105	3945046	10.466	ppbv	99
73) 1,3,5-Trimethylbenzene	15.323	105	3386100	9.977	ppbv	98
74) 1,2,4-Trimethylbenzene	16.079	105	3755165	9.076	ppbv	94
75) 1,3-Dichlorobenzene	16.304	146	2210908	9.378	ppbv	99
76) 1,4-Dichlorobenzene	16.442	146	2164695	9.332	ppbv	99
77) 1,2-Dichlorobenzene	17.111	146	2152398	9.167	ppbv	98
78) Hexachloro-1,3-Butadiene	22.599	225	1488589	8.379	ppbv	99
79) Naphthalene	21.352	128	3041156	11.812	ppbv	98
80) Naphthalene,2-methyl-	24.352	142	885732	14.045	ppbv	95
81) 1,2,4-Trichlorobenzene	21.104	180	1615506	9.606	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. -0.022 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

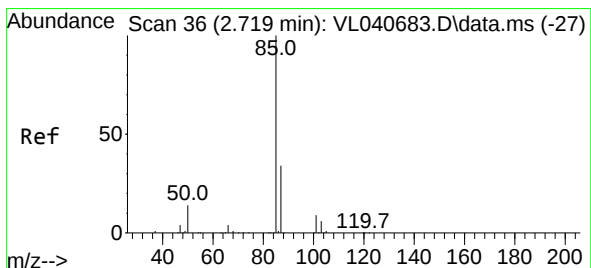
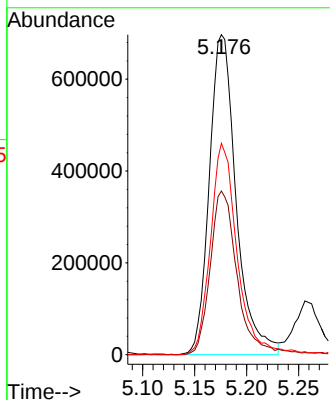
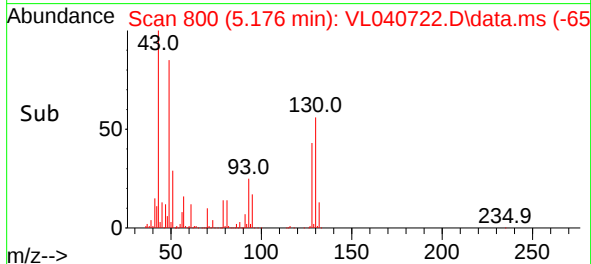
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 49 Resp: 125220
Ion Ratio Lower Upper
49 100
128 52.1 25.4 76.0
130 67.0 32.3 96.8

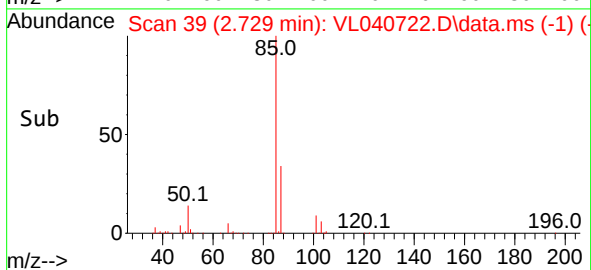
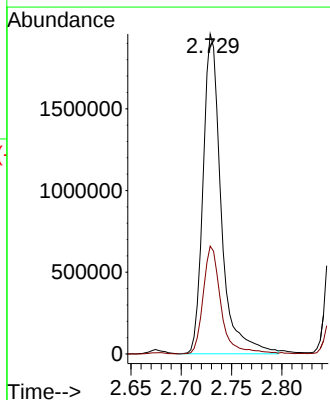
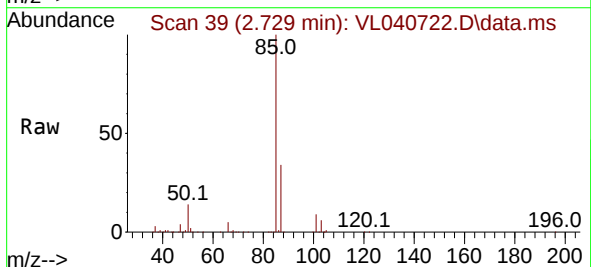
Manual Integrations
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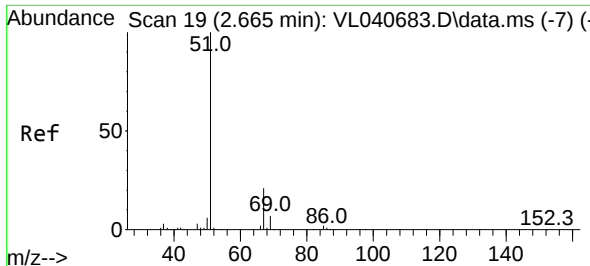
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#2
Dichlorodifluoromethane
Concen: 8.868 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.003 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

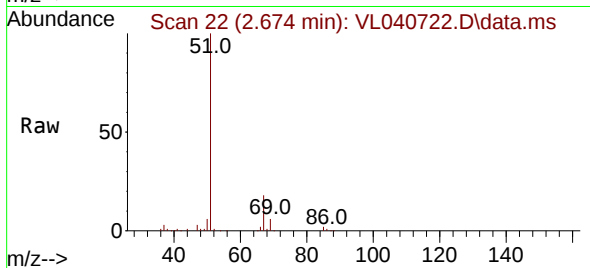
Tgt Ion: 85 Resp: 2446800
Ion Ratio Lower Upper
85 100
87 33.7 27.2 40.8





#3
Chlorodifluoromethane
Concen: 9.199 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

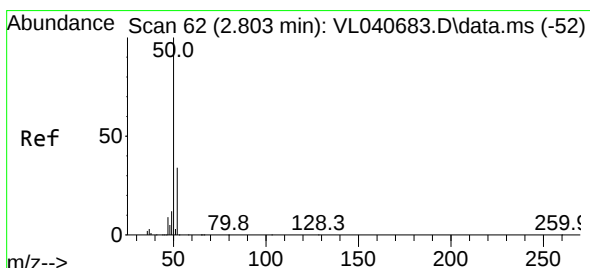
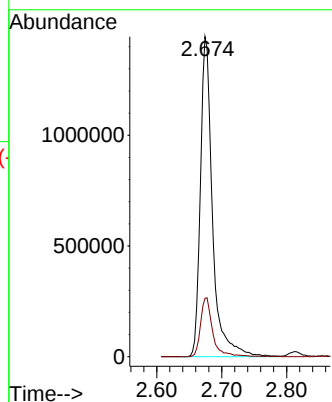
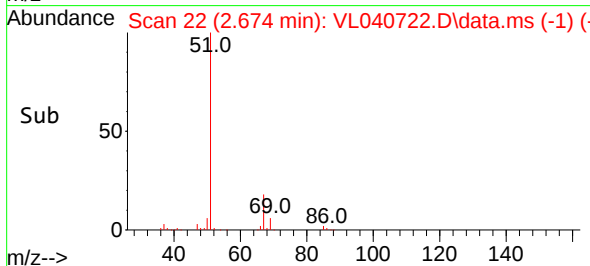
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



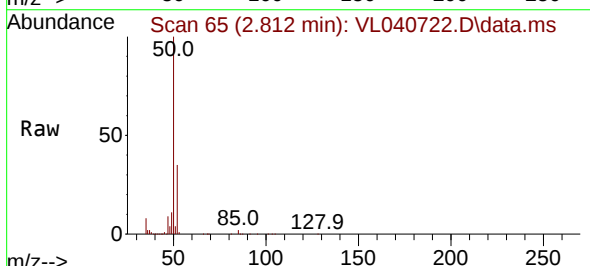
Tgt Ion: 51 Resp: 187655
Ion Ratio Lower Upper
51 100
67 18.6 16.7 25.1

Manual Integrations
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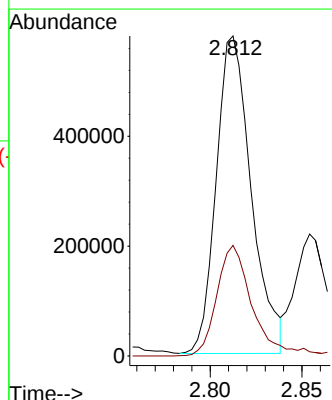
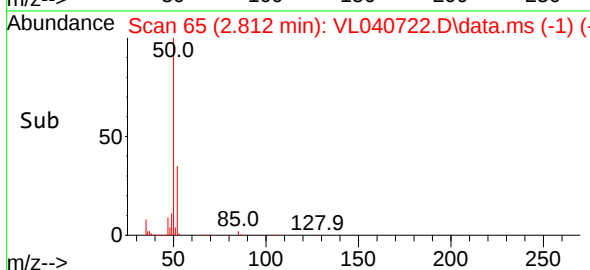
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

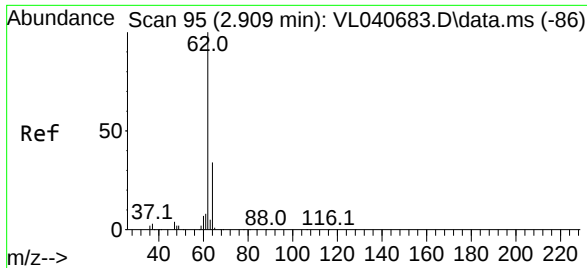


#4
Chloromethane
Concen: 9.825 ppbv
RT: 2.812 min Scan# 65
Delta R.T. -0.003 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



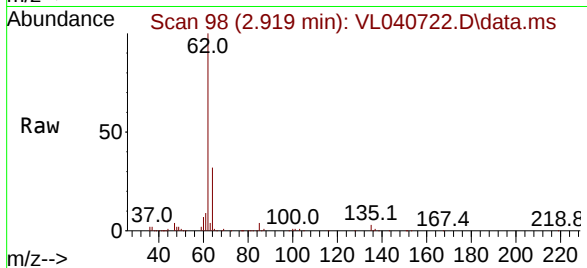
Tgt Ion: 50 Resp: 767295
Ion Ratio Lower Upper
50 100
52 34.7 27.1 40.7





#5
 Vinyl Chloride
 Concen: 9.145 ppbv
 RT: 2.919 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

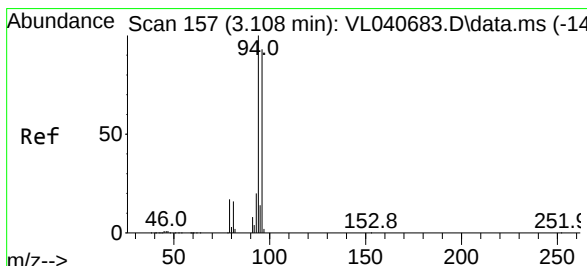
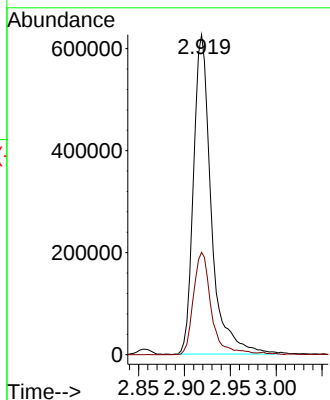
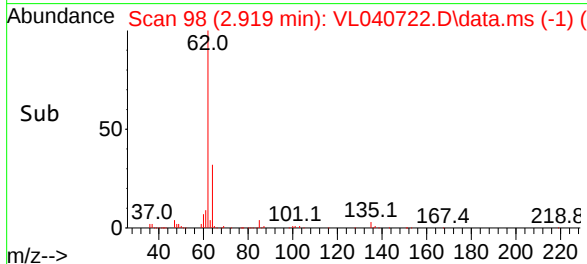
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS01



Tgt Ion: 62 Resp: 844104
 Ion Ratio Lower Upper
 62 100
 64 32.0 27.2 40.8

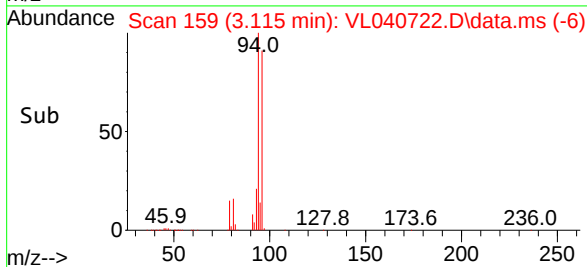
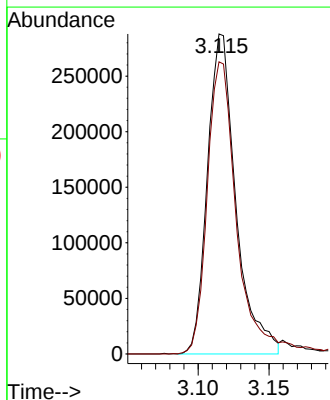
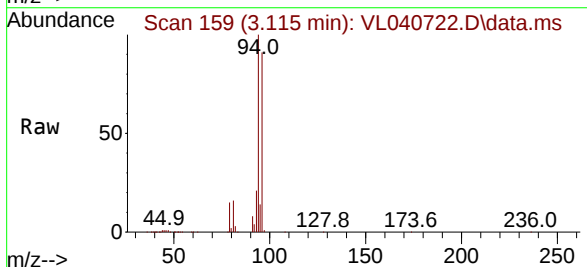
Manual Integrations
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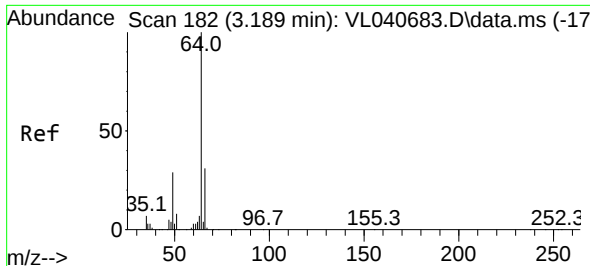
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#6
 Bromomethane
 Concen: 9.049 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.010 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

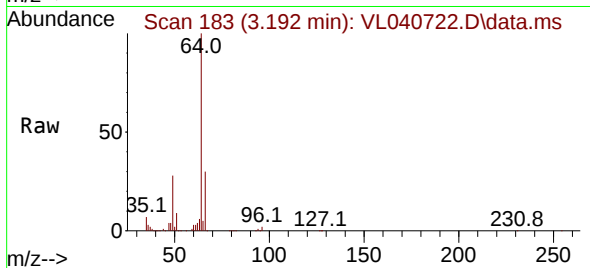
Tgt Ion: 94 Resp: 402987
 Ion Ratio Lower Upper
 94 100
 96 91.2 74.4 111.6





#7
Chloroethane
Concen: 9.486 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

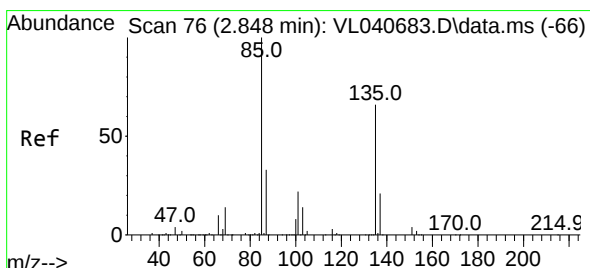
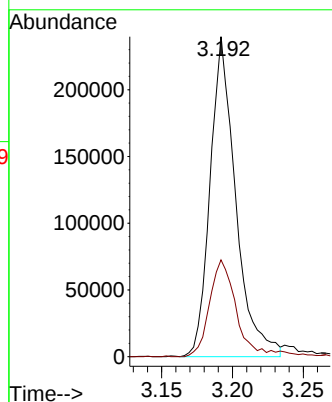
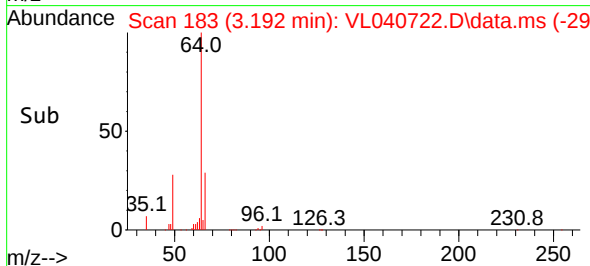
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 64 Resp: 30073
Ion Ratio Lower Upper
64 100
66 30.2 24.5 36.7

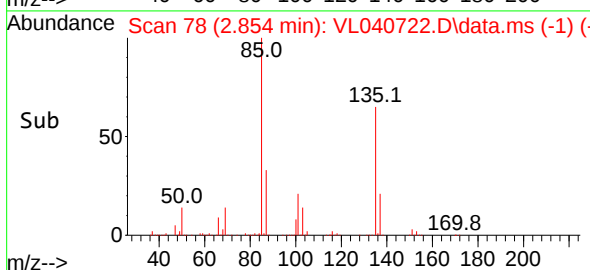
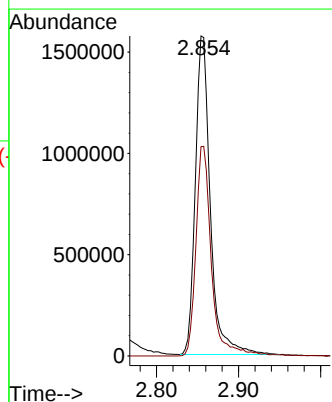
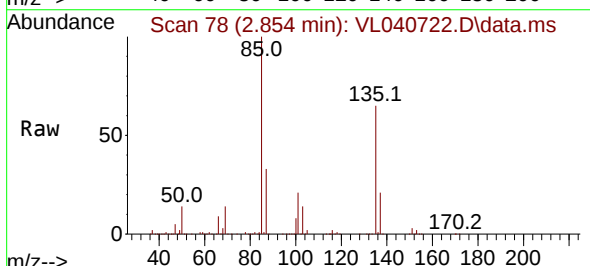
Manual Integrations
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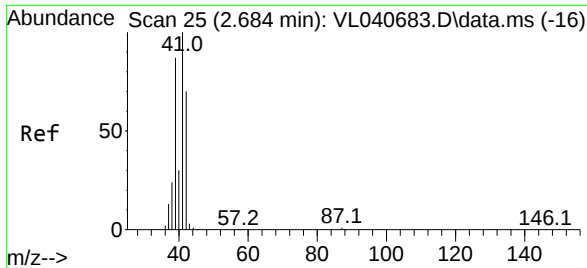
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#8
Dichlorotetrafluoroethane
Concen: 8.760 ppbv
RT: 2.854 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

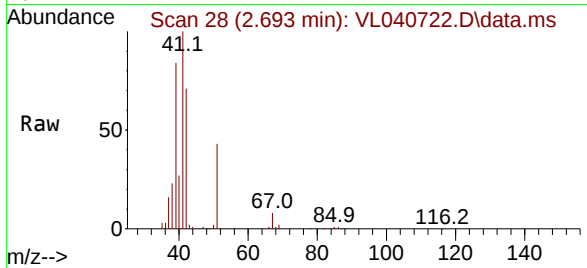
Tgt Ion: 85 Resp: 1995120
Ion Ratio Lower Upper
85 100
135 68.5 53.4 80.2





#9
Propene
Concen: 10.839 ppbv
RT: 2.693 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

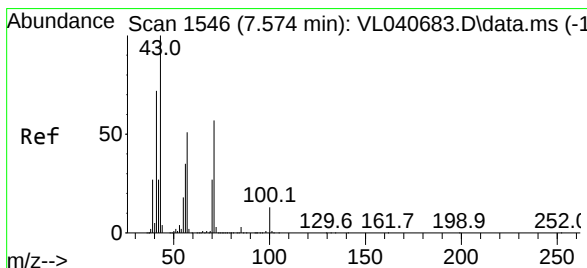
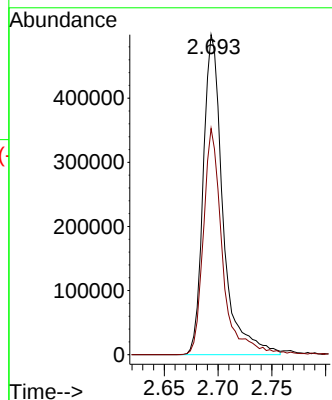
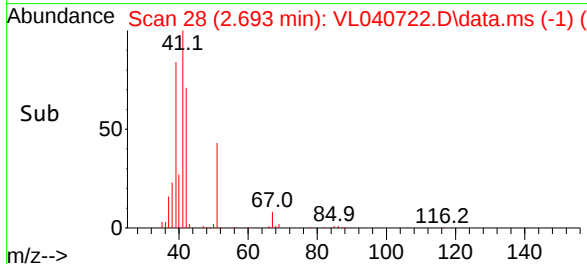
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 41 Resp: 636983
Ion Ratio Lower Upper
41 100
42 69.1 56.7 85.1

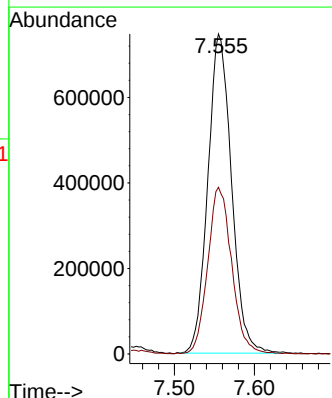
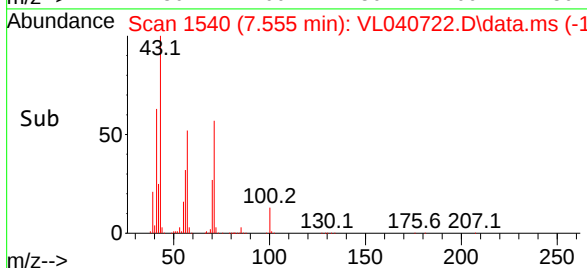
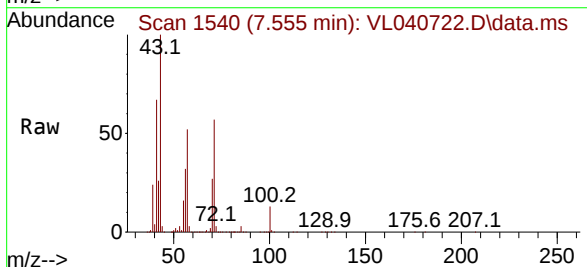
Manual Integrations
APPROVED

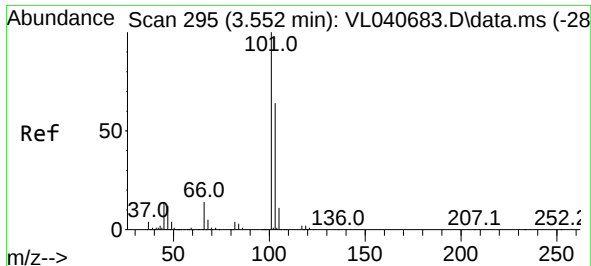
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#10
Heptane
Concen: 11.599 ppbv
RT: 7.555 min Scan# 1540
Delta R.T. -0.032 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

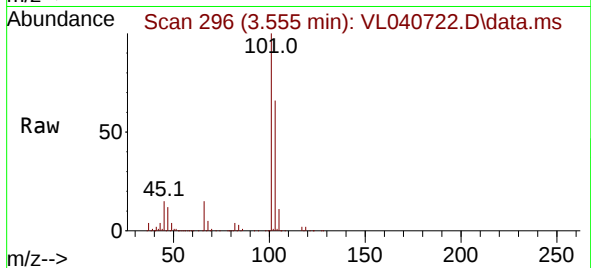
Tgt Ion: 43 Resp: 1535913
Ion Ratio Lower Upper
43 100
57 53.1 41.8 62.6





#11
Trichlorofluoromethane
Concen: 8.386 ppbv
RT: 3.555 min Scan# 295
Delta R.T. -0.013 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

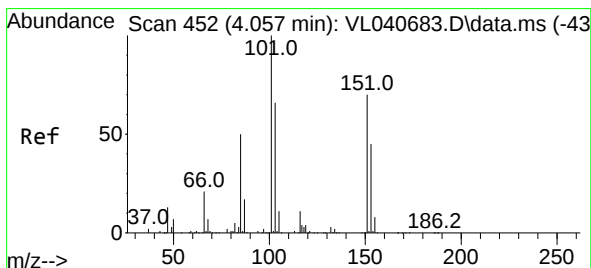
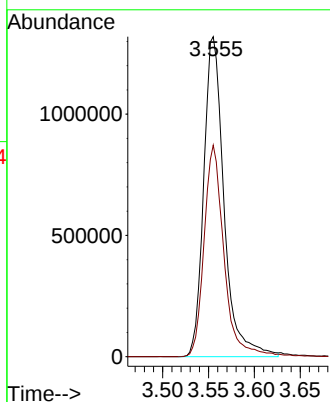
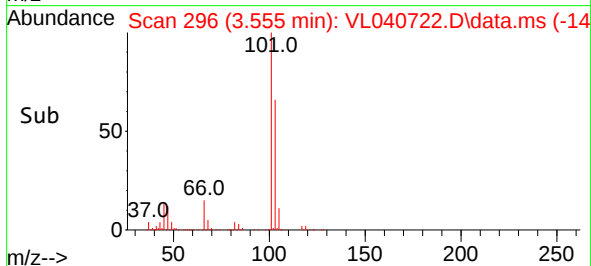
Instrument : MSVOA_L
ClientSampleId : VL0927ABS01



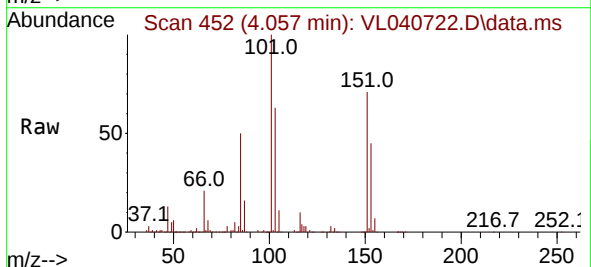
Tgt Ion:101 Resp: 203400
Ion Ratio Lower Upper
101 100
103 66.1 51.3 76.9

Manual Integrations
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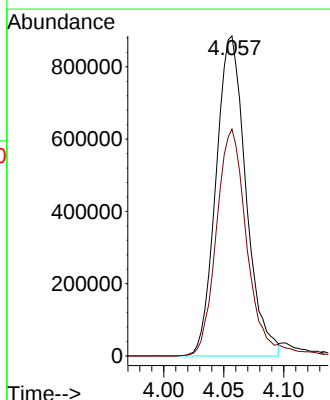
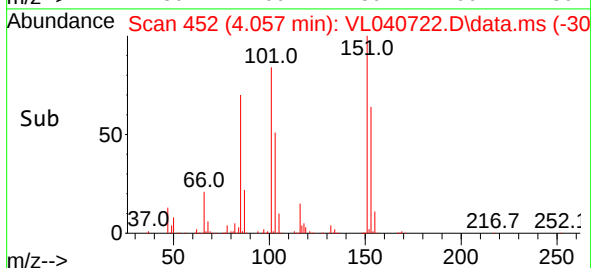
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

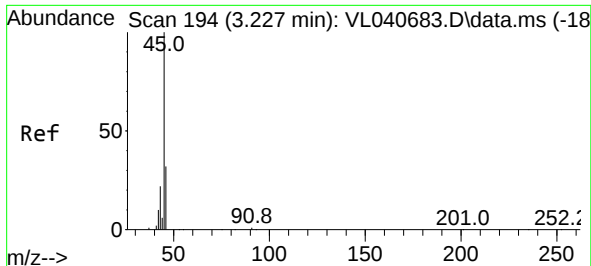


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.861 ppbv
RT: 4.057 min Scan# 452
Delta R.T. -0.016 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



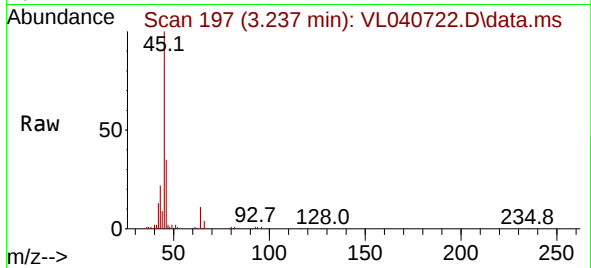
Tgt Ion:101 Resp: 1537379
Ion Ratio Lower Upper
101 100
151 73.4 56.8 85.2





#13
Ethanol
Concen: 8.581 ppbv
RT: 3.237 min Scan# 194
Delta R.T. -0.006 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

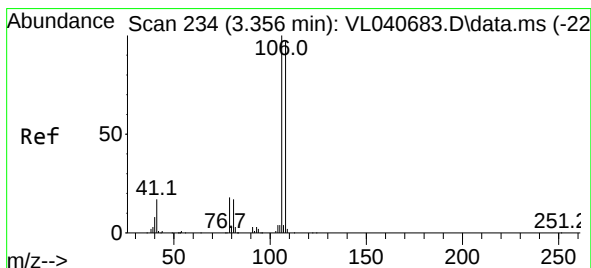
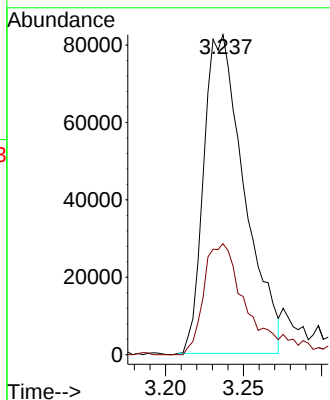
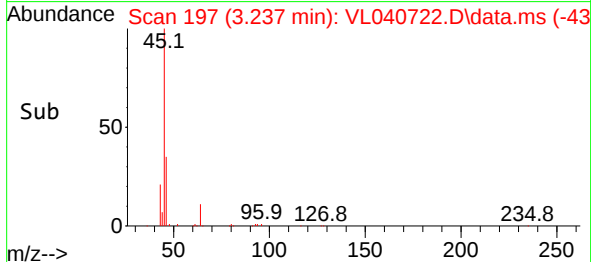
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



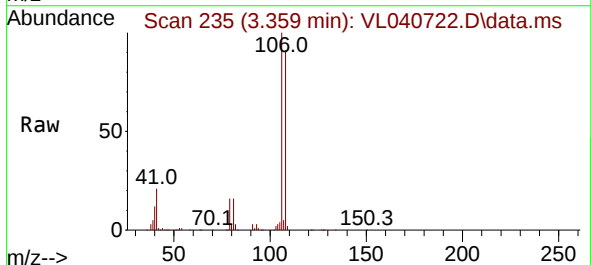
Tgt Ion: 45 Resp: 149259
Ion Ratio Lower Upper
45 100
46 39.9 15.2 61.0

Manual Integrations
APPROVED

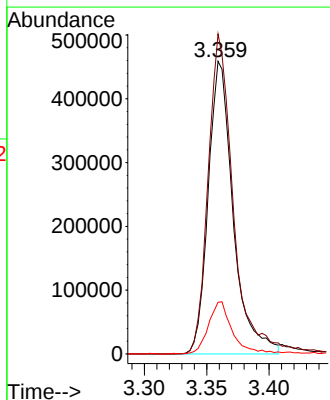
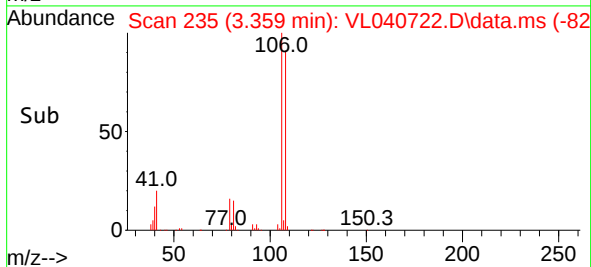
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

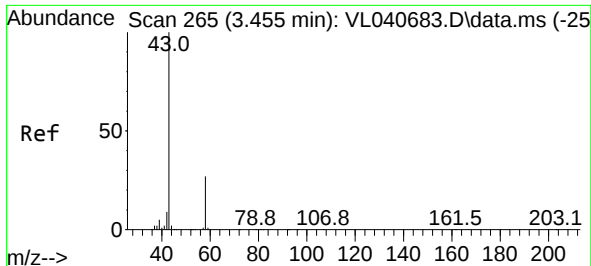


#14
Bromoethene
Concen: 8.793 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.010 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



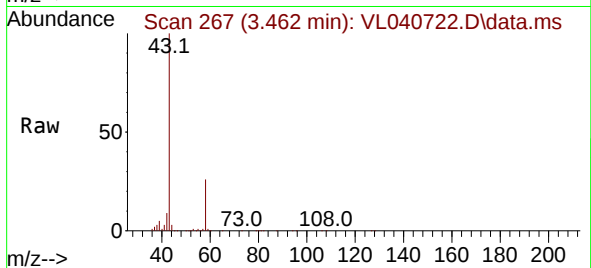
Tgt Ion:108 Resp: 639896
Ion Ratio Lower Upper
108 100
106 112.2 86.0 129.0
79 18.4 15.6 23.4





#15
Acetone
Concen: 8.704 ppbv
RT: 3.462 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

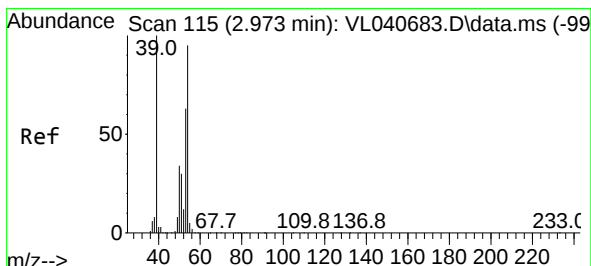
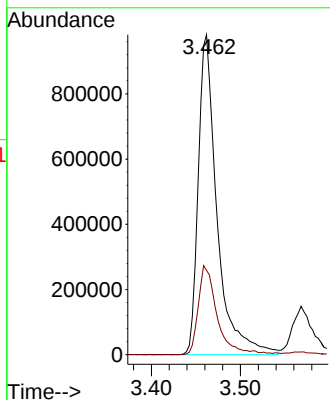
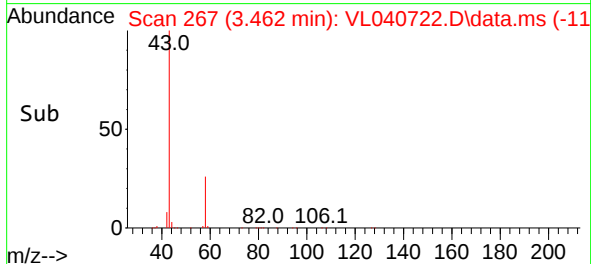
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 43 Resp: 143762
Ion Ratio Lower Upper
43 100
58 28.3 22.6 34.0

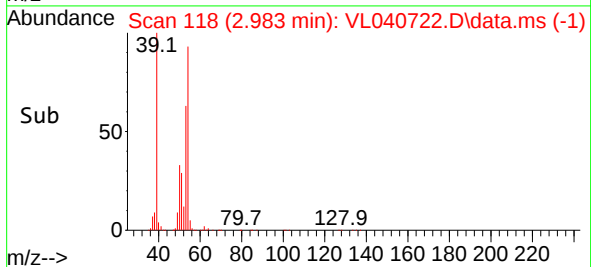
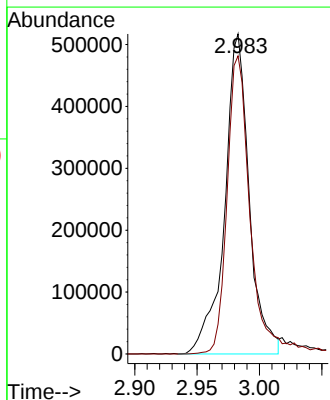
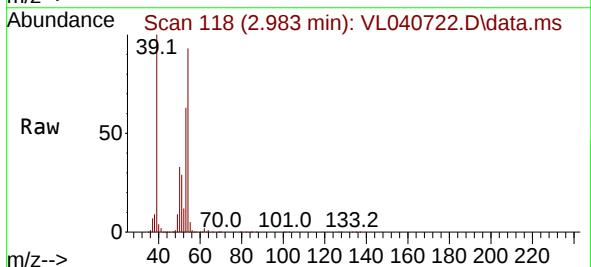
Manual Integrations
APPROVED

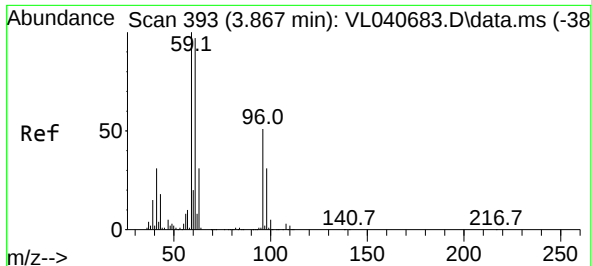
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#16
1,3-Butadiene
Concen: 9.889 ppbv
RT: 2.983 min Scan# 118
Delta R.T. -0.006 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion: 39 Resp: 711823
Ion Ratio Lower Upper
39 100
54 89.2 64.8 97.2





#17

tert-Butyl alcohol

Concen: 9.273 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.013 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 59 Resp: 156883

Ion Ratio Lower Upper

59 100

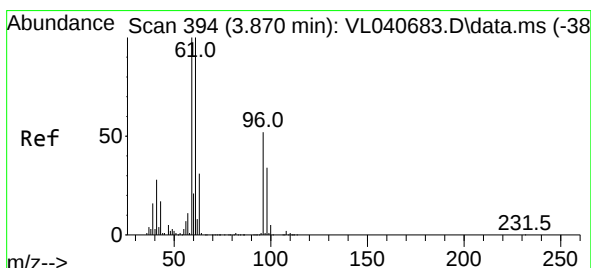
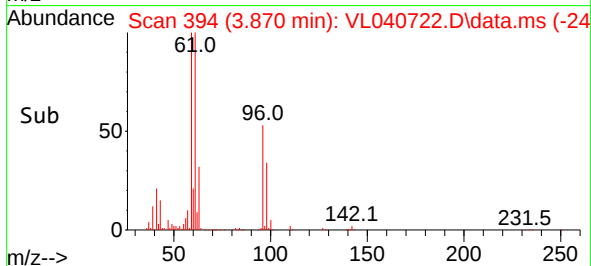
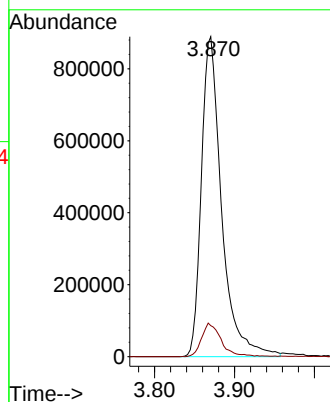
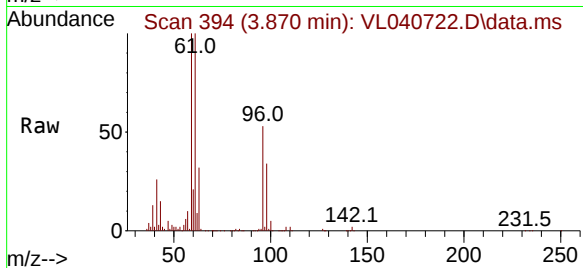
57 10.5 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#18

1,1-Dichloroethene

Concen: 9.357 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.013 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

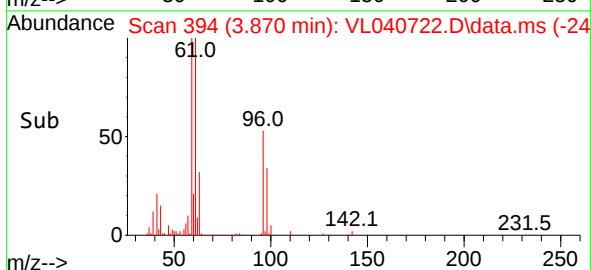
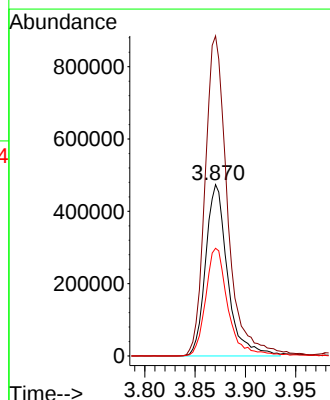
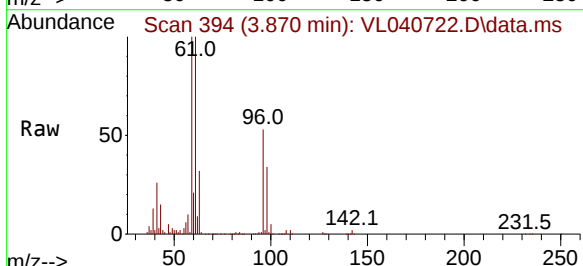
Tgt Ion: 96 Resp: 721589

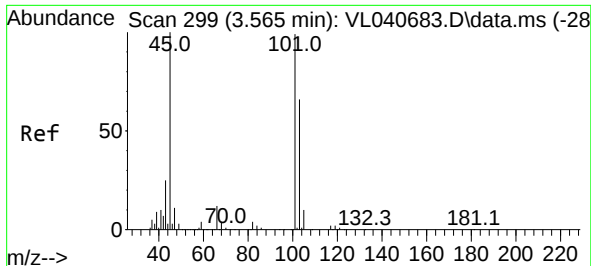
Ion Ratio Lower Upper

96 100

61 186.6 153.6 230.4

98 62.8 51.9 77.9





#19

Isopropyl Alcohol

Concen: 9.476 ppbv

RT: 3.568 min Scan# 300

Delta R.T. -0.010 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 45 Resp: 943104

Ion Ratio Lower Upper

45 100

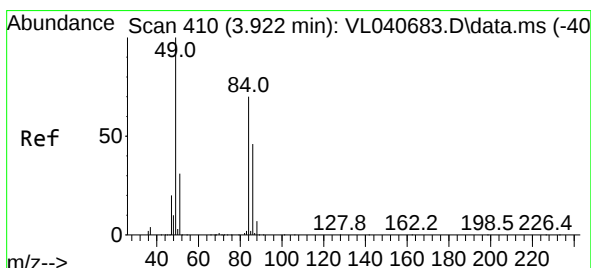
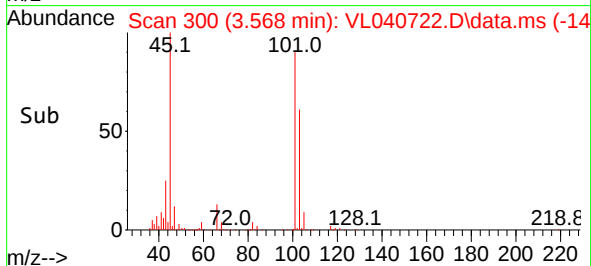
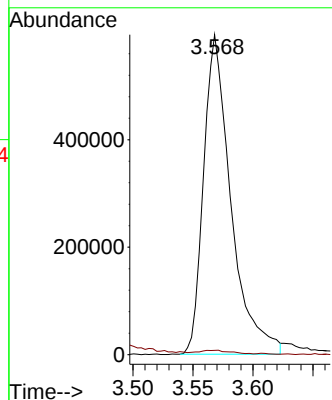
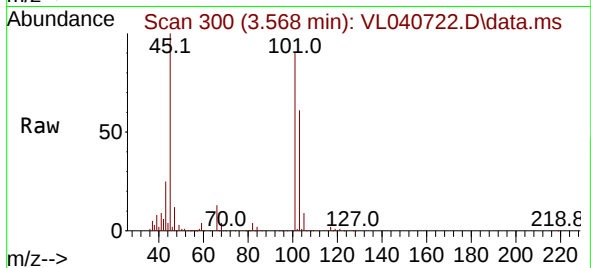
58 1.7 1.9 2.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#20

Methylene Chloride

Concen: 7.073 ppbv

RT: 3.922 min Scan# 410

Delta R.T. -0.016 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Tgt Ion: 84 Resp: 628810

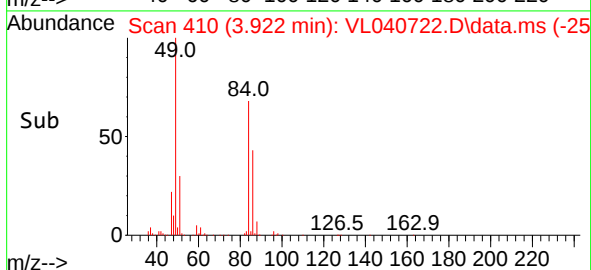
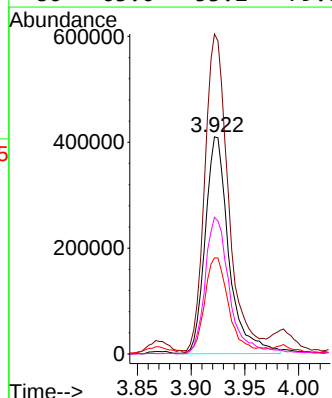
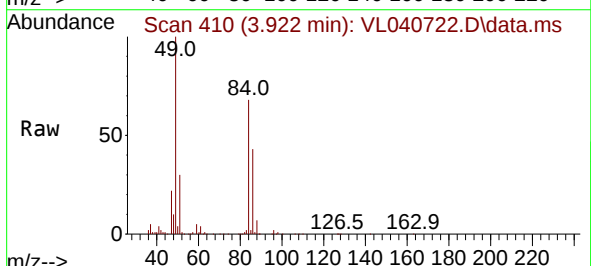
Ion Ratio Lower Upper

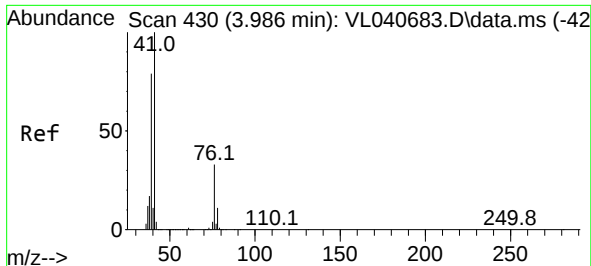
84 100

49 146.1 114.4 171.6

51 42.7 35.5 53.3

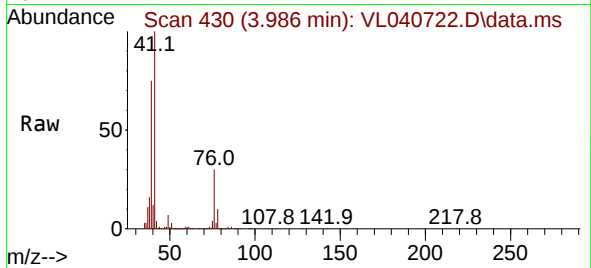
86 63.0 53.2 79.8





#21
 Allyl Chloride
 Concen: 10.092 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

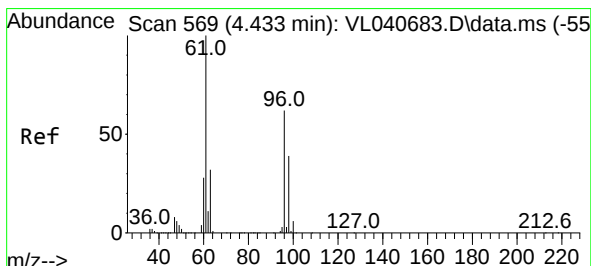
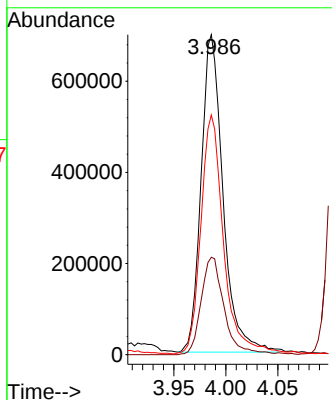
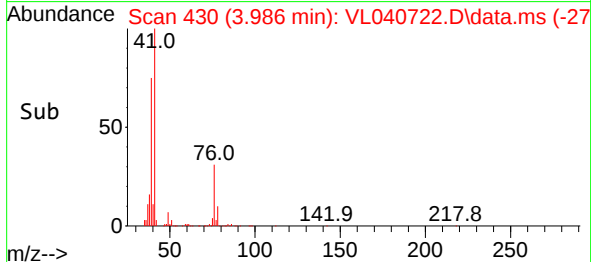
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS01



Tgt Ion: 41 Resp: 102156
 Ion Ratio Lower Upper
 41 100
 76 32.3 26.6 40.0
 39 77.9 65.0 97.4

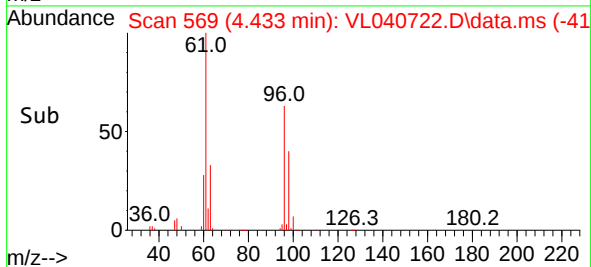
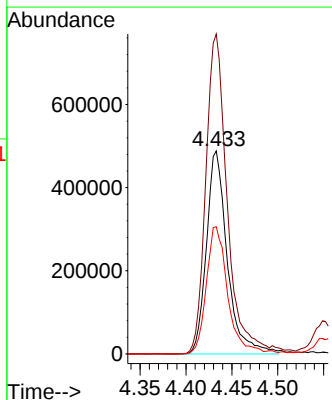
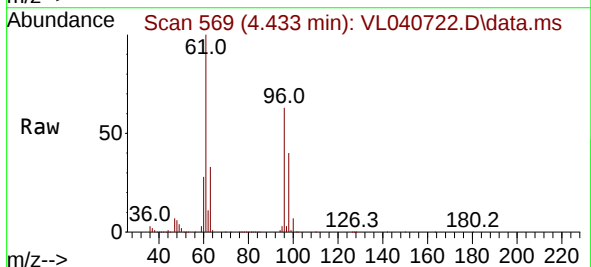
Manual Integrations
 APPROVED

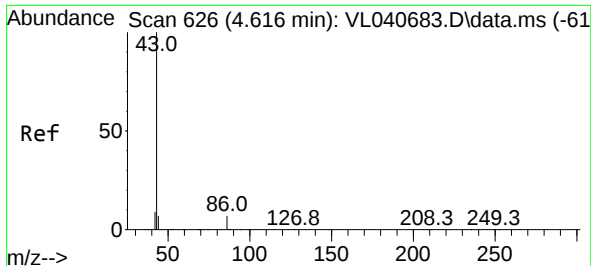
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.163 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.019 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

Tgt Ion: 96 Resp: 774909
 Ion Ratio Lower Upper
 96 100
 61 157.5 129.9 194.9
 98 62.7 50.2 75.4





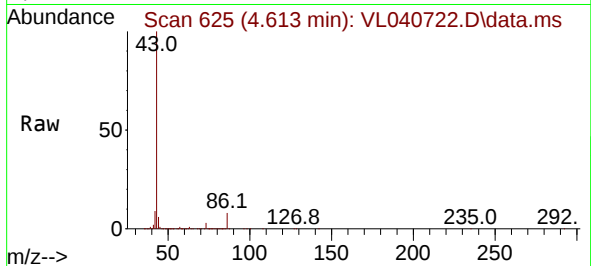
#23
 Vinyl Acetate
 Concen: 10.546 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

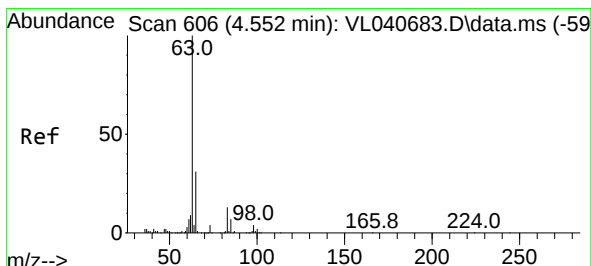
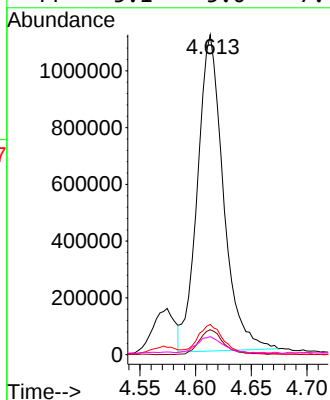
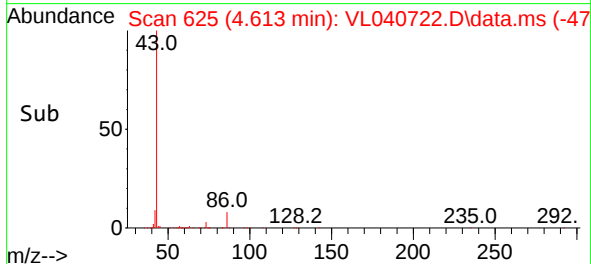


Tgt Ion: 43 Resp: 1801340
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.6 8.4
 42 9.4 7.6 11.4
 44 5.1 5.0 7.4

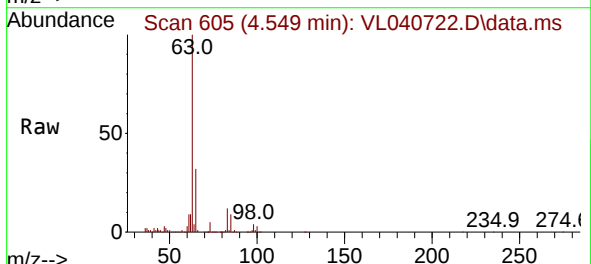
Manual Integrations

APPROVED

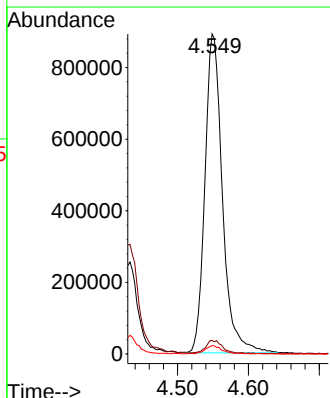
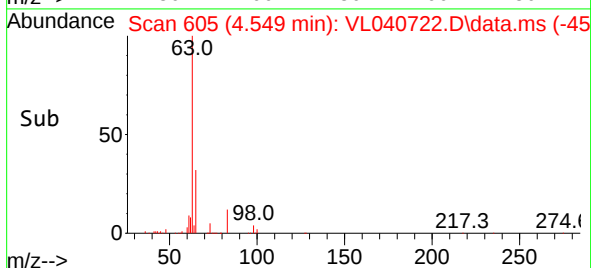
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

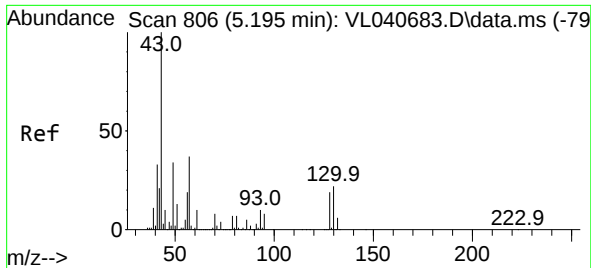


#24
 1,1-Dichloroethane
 Concen: 9.563 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.019 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25



Tgt Ion: 63 Resp: 1528747
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.8 5.5
 100 2.6 1.2 3.6





#25

Ethyl Acetate

Concen: 10.219 ppbv

RT: 5.189 min Scan# 804

Delta R.T. -0.022 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 43 Resp: 272221

Ion Ratio Lower Upper

43 100

45 10.4 8.2 12.4

61 10.6 8.2 12.4

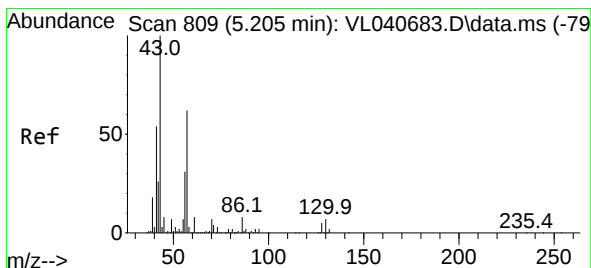
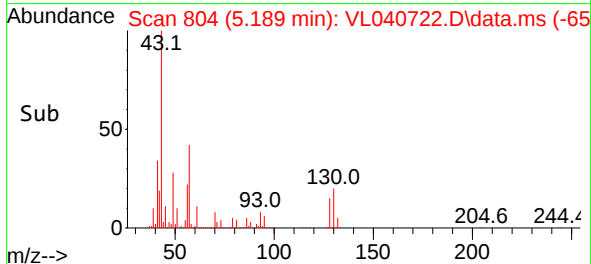
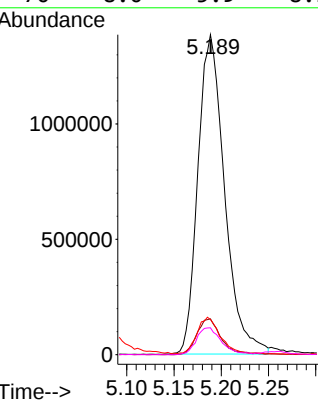
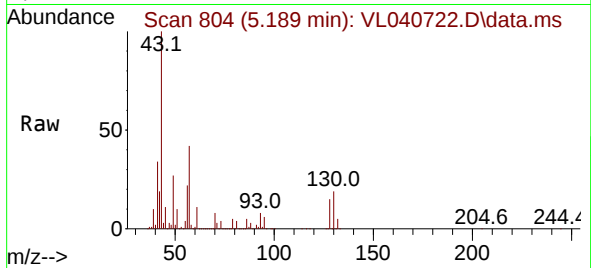
70 8.0 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#26

Hexane

Concen: 10.032 ppbv

RT: 5.195 min Scan# 806

Delta R.T. -0.026 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Tgt Ion: 57 Resp: 1263597

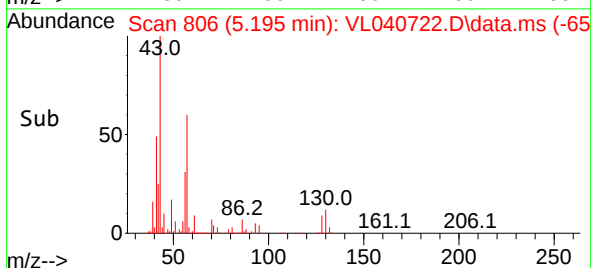
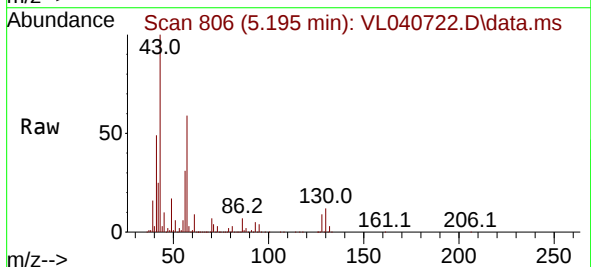
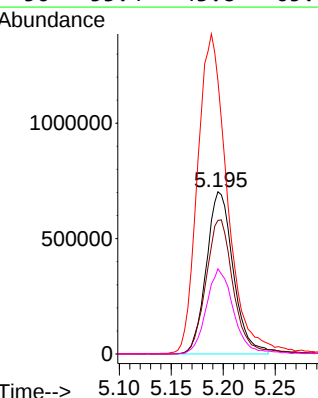
Ion Ratio Lower Upper

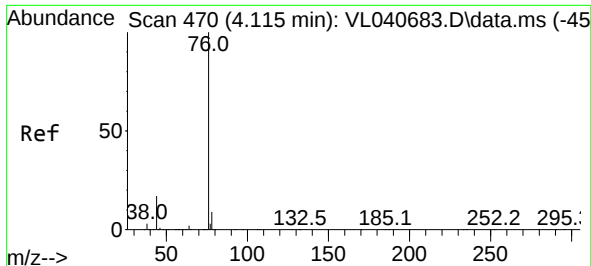
57 100

41 85.7 75.2 112.8

43 220.2 185.6 278.4

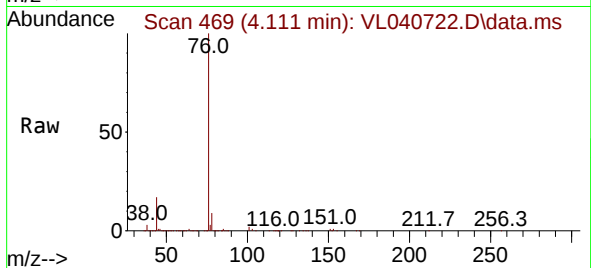
56 53.4 43.8 65.8





#27
Carbon Disulfide
Concen: 10.562 ppbv
RT: 4.111 min Scan# 469
Delta R.T. -0.019 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

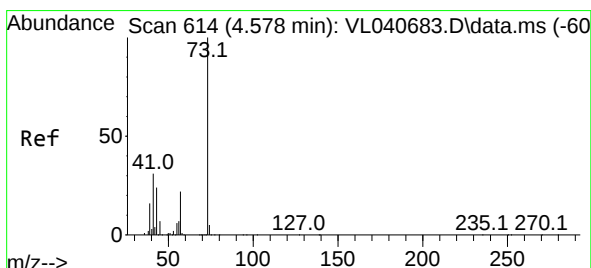
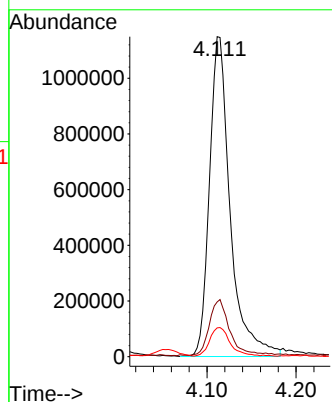
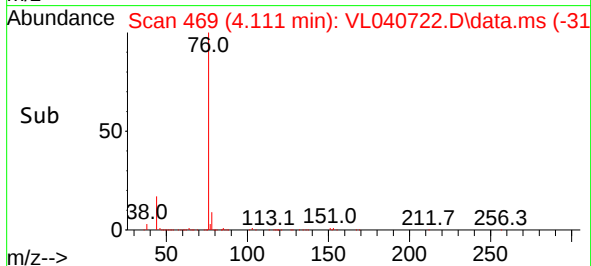
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 76 Resp: 185526
Ion Ratio Lower Upper
76 100
44 17.9 14.5 21.7
78 9.4 7.7 11.5

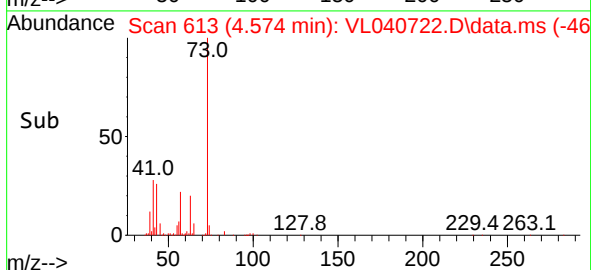
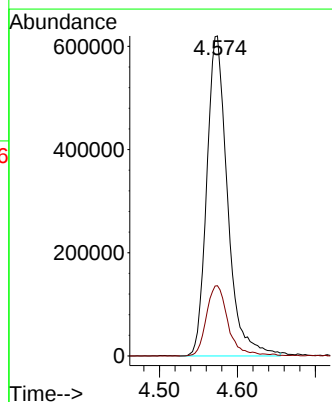
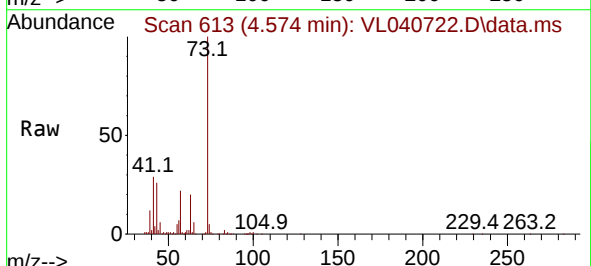
Manual Integrations
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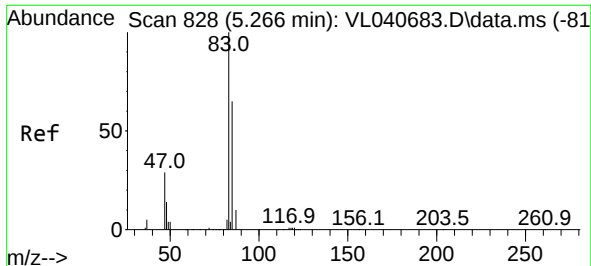
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#28
Methyl tert-Butyl Ether
Concen: 10.588 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.016 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion: 73 Resp: 1147468
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2





#29

Chloroform

Concen: 9.429 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 83 Resp: 205071

Ion Ratio Lower Upper

83 100

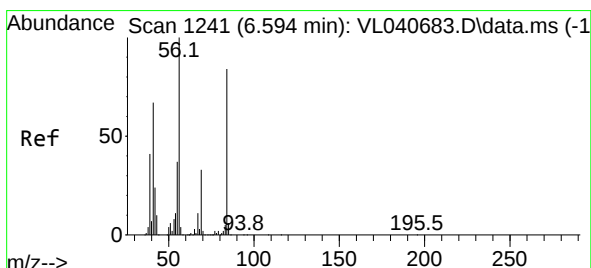
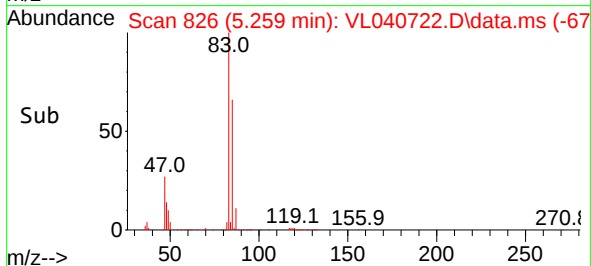
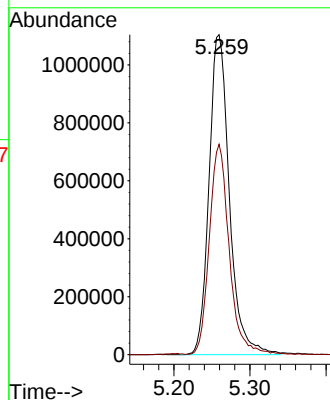
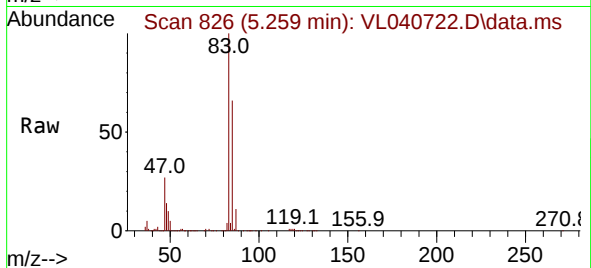
85 65.6 51.8 77.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#30

Cyclohexane

Concen: 11.633 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. -0.029 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

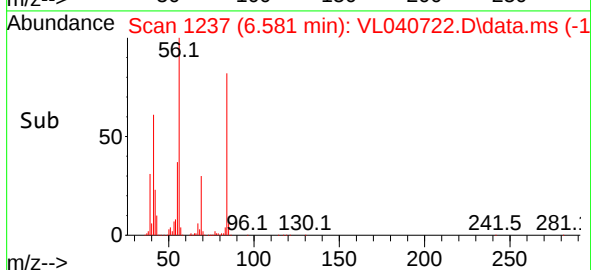
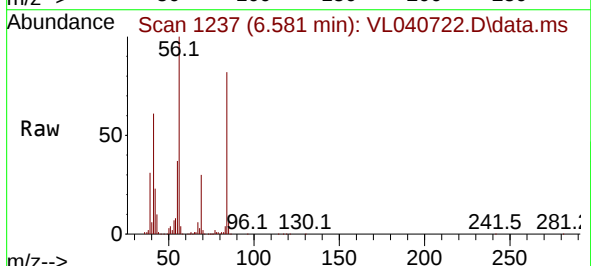
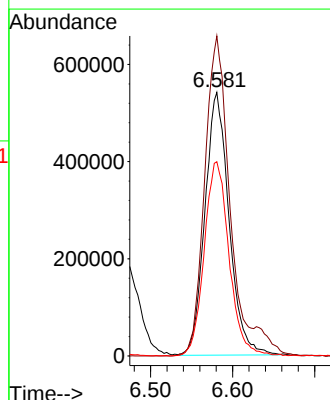
Tgt Ion: 84 Resp: 1103449

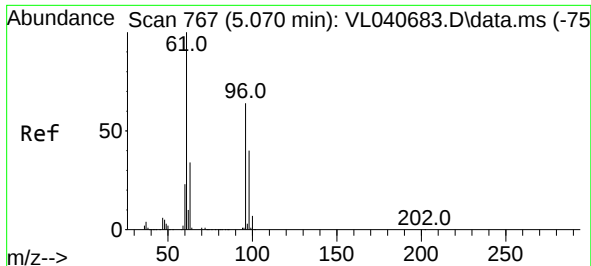
Ion Ratio Lower Upper

84 100

56 130.9 103.2 154.8

41 76.2 65.5 98.3





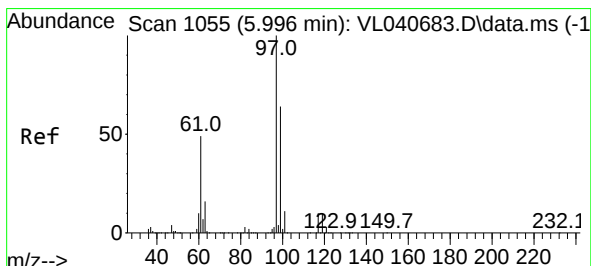
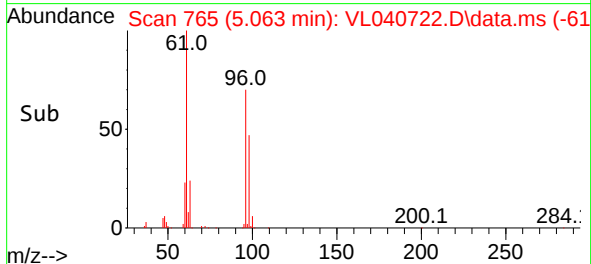
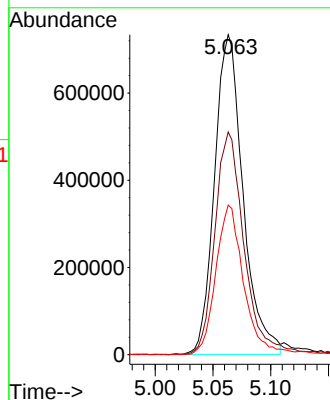
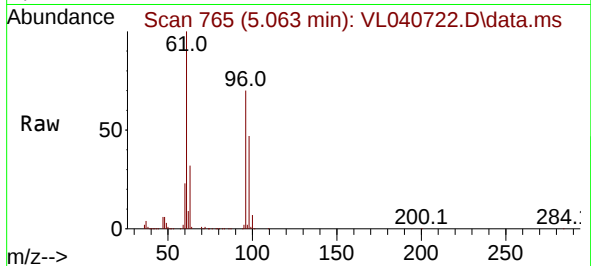
#31
 cis-1,2-Dichloroethene
 Concen: 10.761 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. -0.022 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS01

Tgt Ion: 61 Resp: 1257550
 Ion Ratio Lower Upper
 61 100
 96 69.5 51.2 76.8
 98 46.8 32.3 48.5

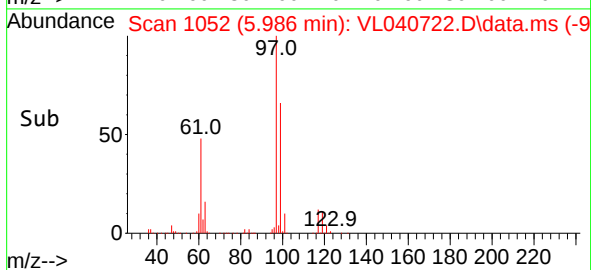
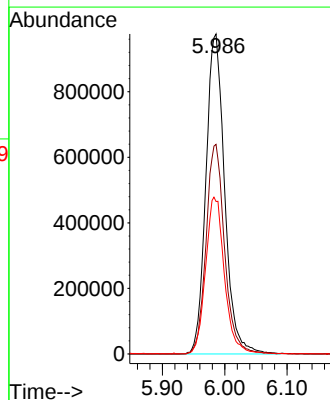
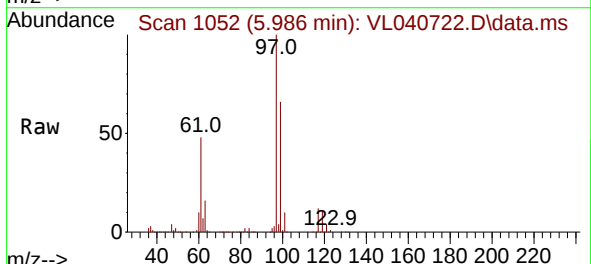
Manual Integrations
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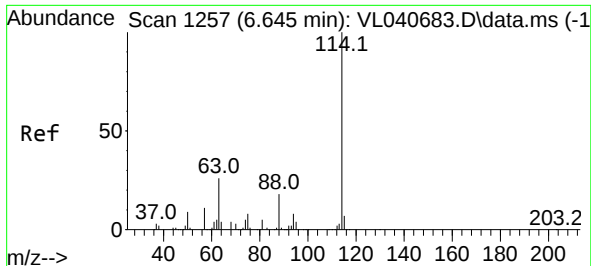
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.169 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. -0.026 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

Tgt Ion: 97 Resp: 2038720
 Ion Ratio Lower Upper
 97 100
 99 65.0 52.4 78.6
 61 49.6 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.635 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion:114 Resp: 3478249

Ion Ratio Lower Upper

114 100

63 24.2 21.1 31.7

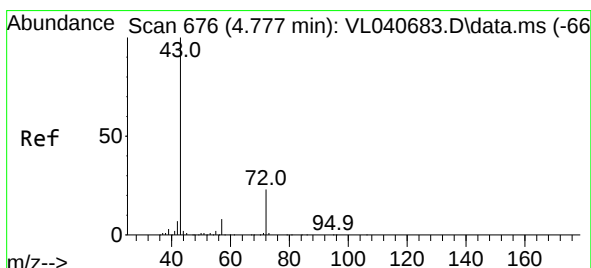
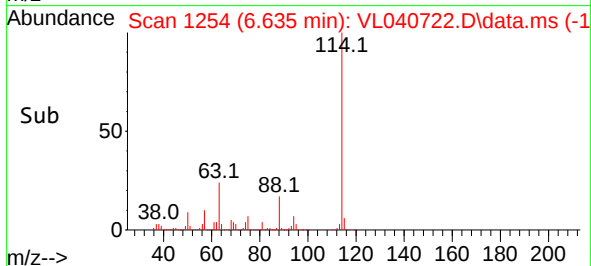
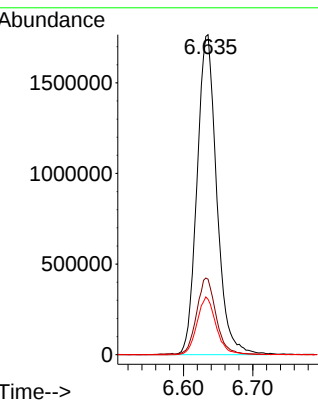
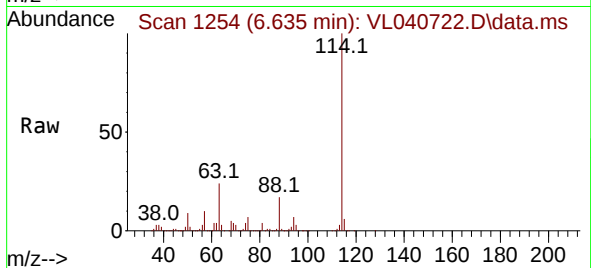
88 17.6 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#34

2-Butanone

Concen: 9.070 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.019 min

Lab File: VL040722.D

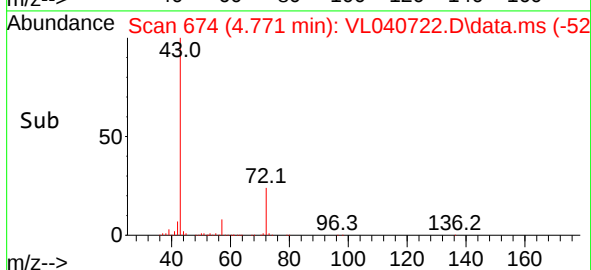
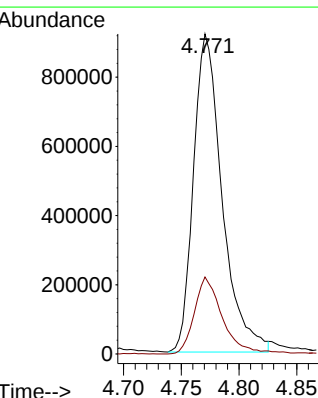
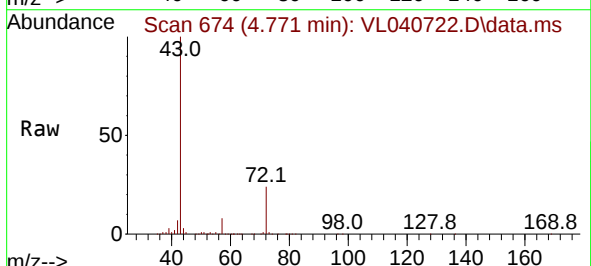
Acq: 27 Sep 2023 11:25

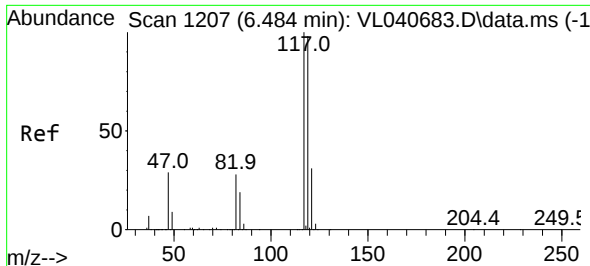
Tgt Ion: 43 Resp: 1586490

Ion Ratio Lower Upper

43 100

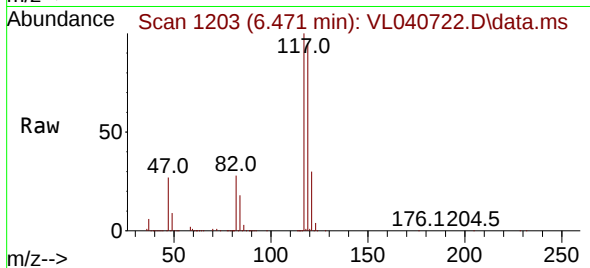
72 24.3 18.6 27.8





#35
Carbon Tetrachloride
Concen: 8.790 ppbv
RT: 6.471 min Scan# 1165
Delta R.T. -0.032 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

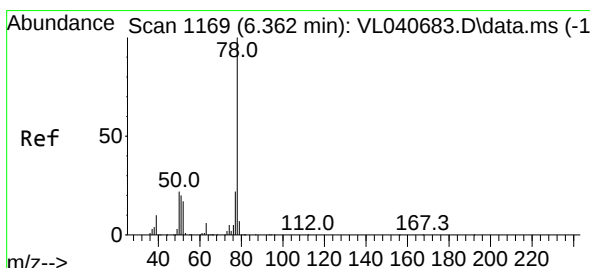
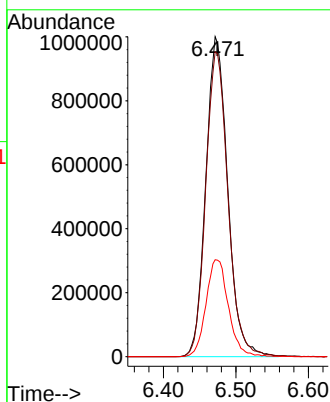
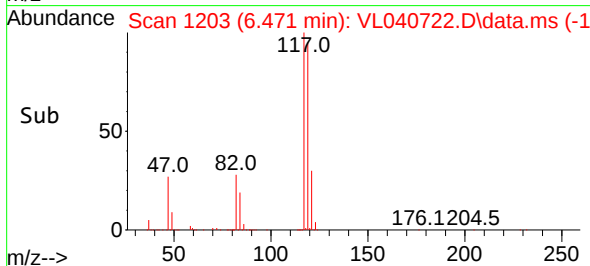
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 117 Resp: 209945
Ion Ratio Lower Upper
117 100
119 95.2 78.6 117.8
121 30.3 24.7 37.1

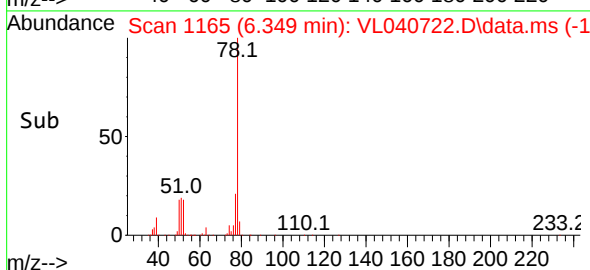
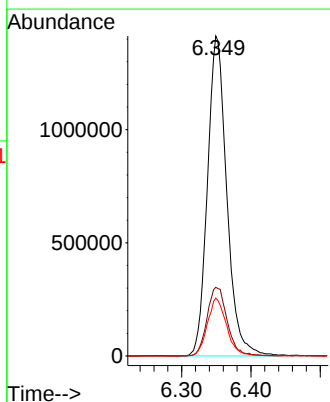
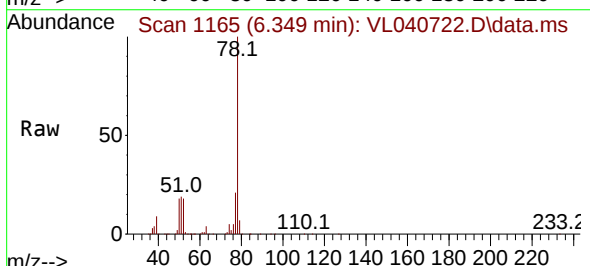
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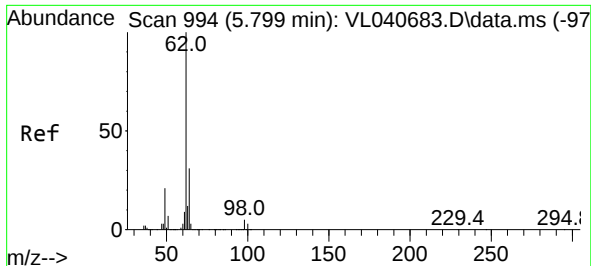
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#36
Benzene
Concen: 10.617 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. -0.032 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion: 78 Resp: 2734509
Ion Ratio Lower Upper
78 100
77 21.5 17.9 26.9
50 18.1 17.3 25.9





#37

1,2-Dichloroethane

Concen: 8.572 ppbv

RT: 5.790 min Scan# 994

Delta R.T. -0.026 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 62 Resp: 1511069

Ion Ratio Lower Upper

62 100

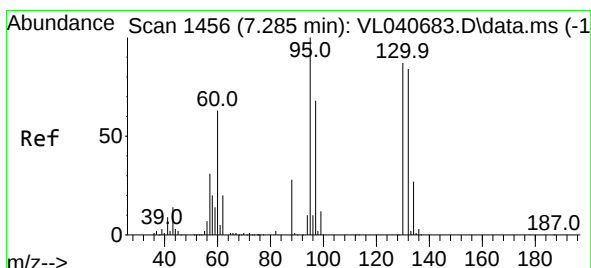
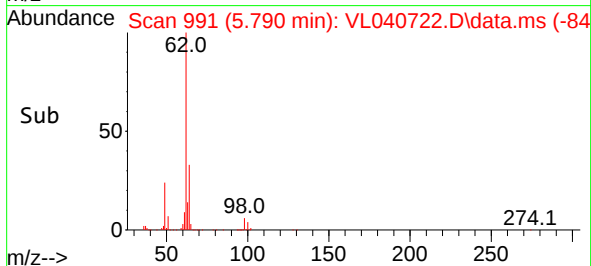
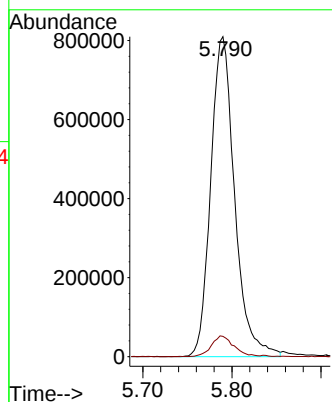
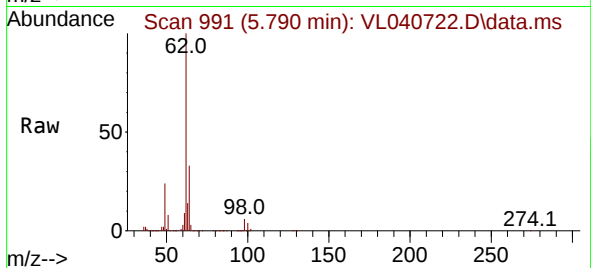
98 6.4 4.2 6.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#38

Trichloroethene

Concen: 10.850 ppbv

RT: 7.269 min Scan# 1451

Delta R.T. -0.032 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Tgt Ion:130 Resp: 1065723

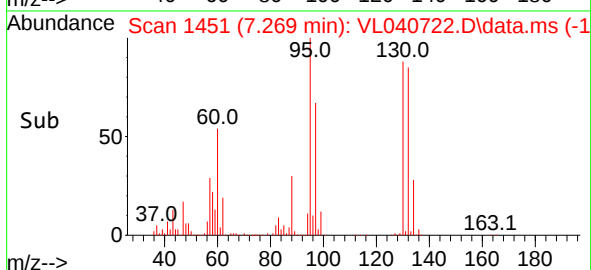
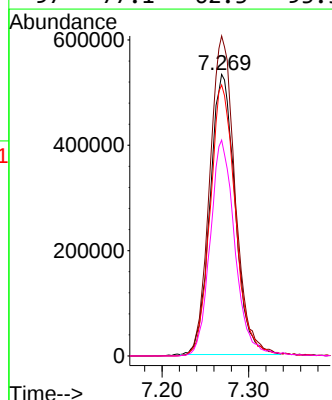
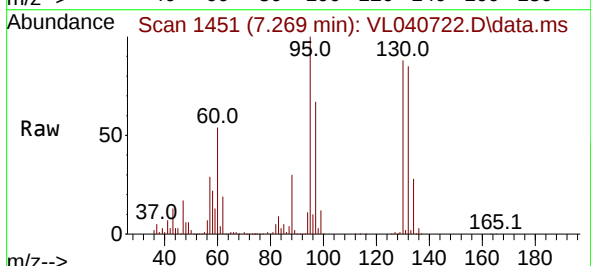
Ion Ratio Lower Upper

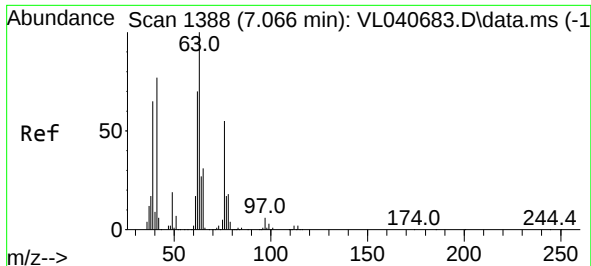
130 100

95 114.1 91.9 137.9

132 96.6 77.3 115.9

97 77.1 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.338 ppbv

RT: 7.053 min Scan# 11

Delta R.T. -0.029 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 63 Resp: 1024920

Ion Ratio Lower Upper

63 100

41 68.0 61.6 92.4

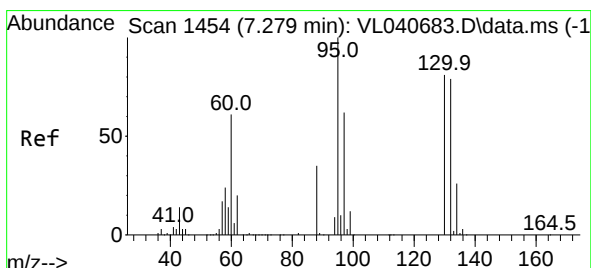
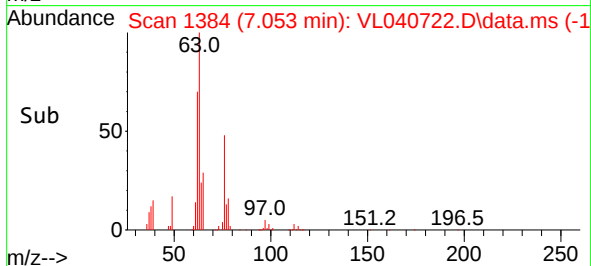
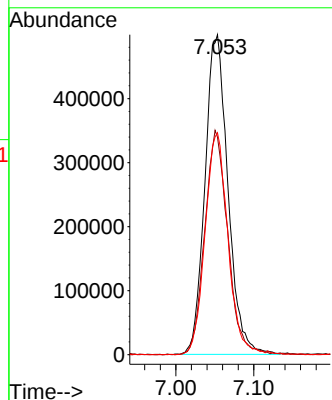
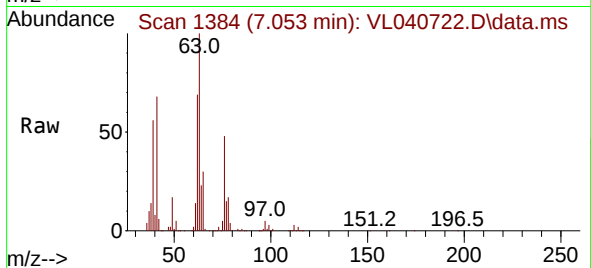
62 69.2 55.8 83.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#40

1,4-Dioxane

Concen: 11.770 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. -0.032 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Tgt Ion: 88 Resp: 441138

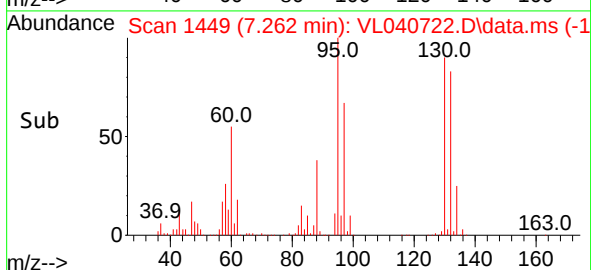
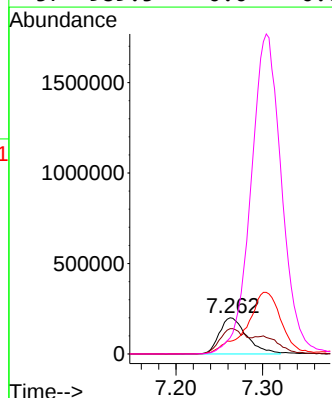
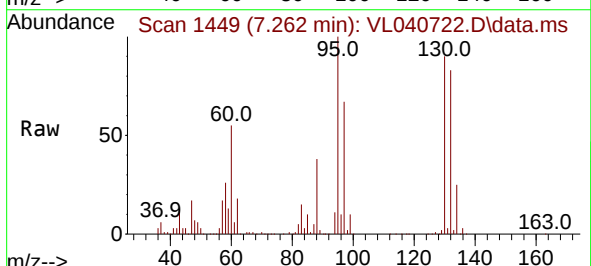
Ion Ratio Lower Upper

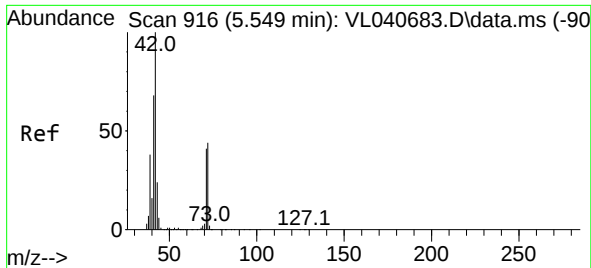
88 100

58 112.9 92.7 139.1

43 216.3 0.0 0.0#

57 989.5 0.0 0.0#





#41

Tetrahydrofuran

Concen: 11.206 ppbv

RT: 5.539 min Scan# 916

Delta R.T. -0.022 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 42 Resp: 1005174

Ion Ratio Lower Upper

42 100

72 43.3 34.9 52.3

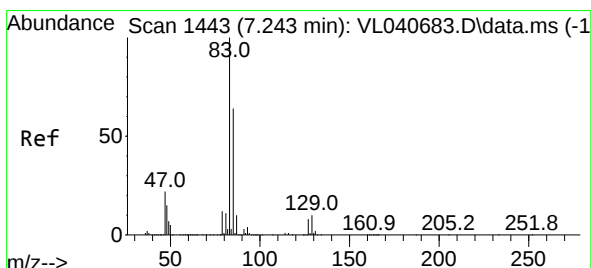
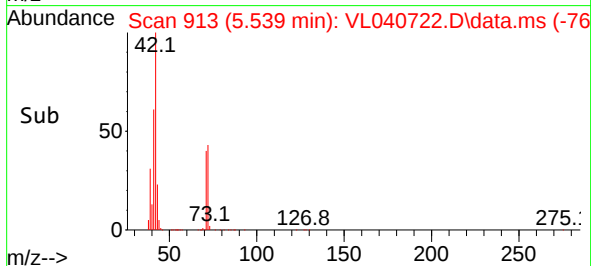
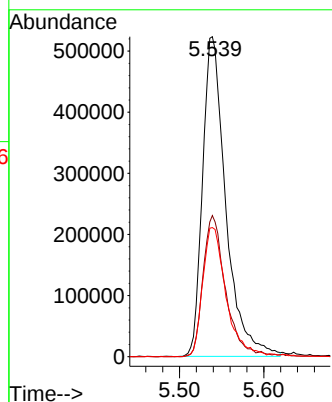
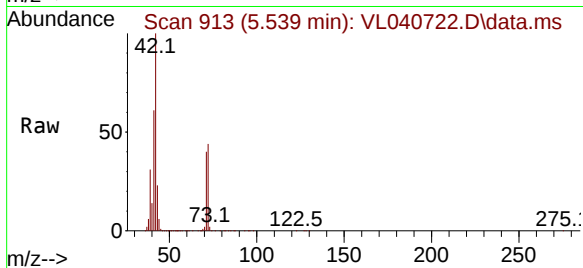
71 41.4 33.8 50.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#42

Bromodichloromethane

Concen: 9.449 ppbv

RT: 7.227 min Scan# 1438

Delta R.T. -0.032 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

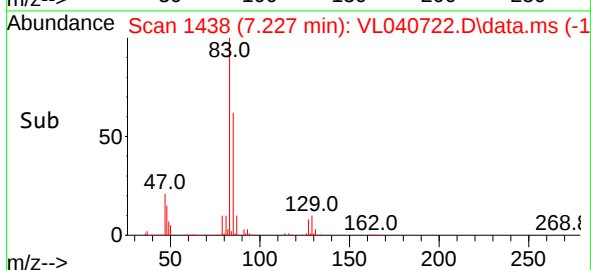
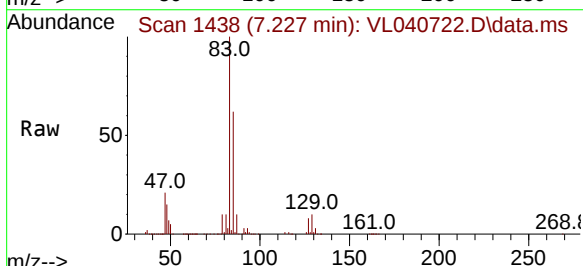
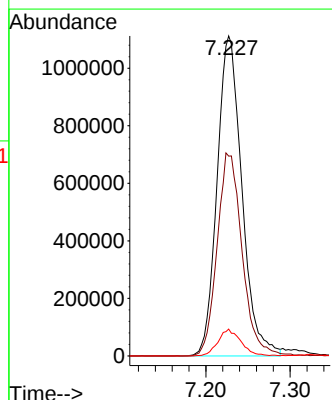
Tgt Ion: 83 Resp: 2272777

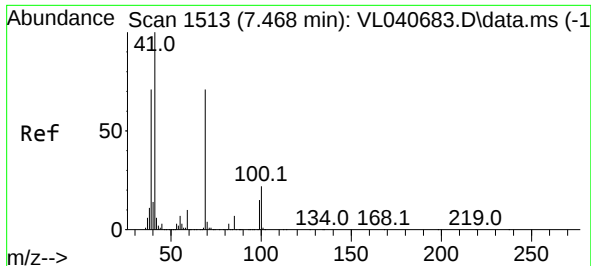
Ion Ratio Lower Upper

83 100

85 62.5 51.2 76.8

127 8.4 6.2 9.4





#43
Methyl Methacrylate
Concen: 11.567 ppbv
RT: 7.452 min Scan# 110739
Delta R.T. -0.029 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

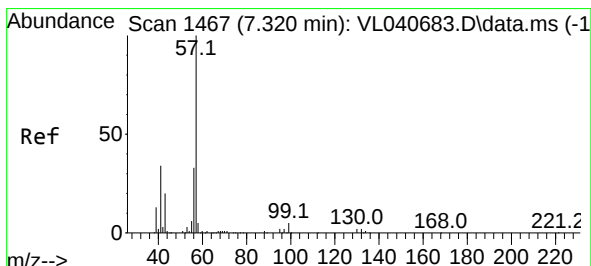
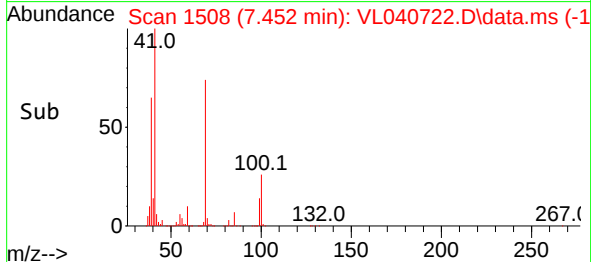
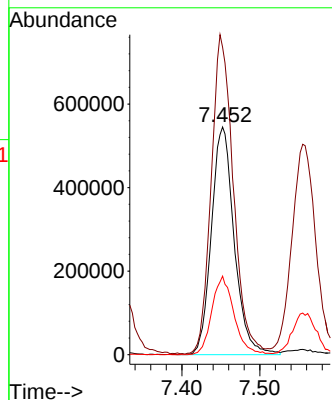
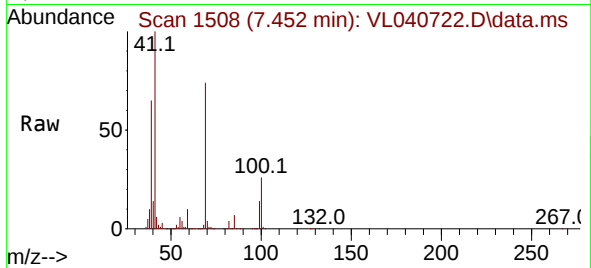
ClientSampleId :

VL0927ABS01

Tgt Ion: 69 Resp: 110739
Ion Ratio Lower Upper
69 100
41 136.8 113.8 170.8
100 33.6 25.4 38.0

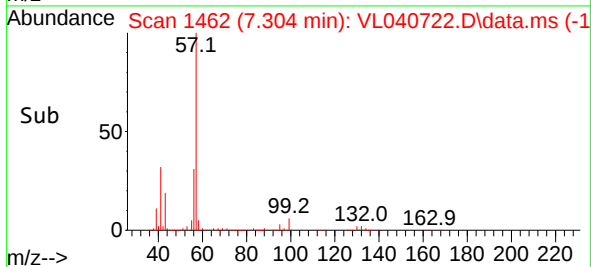
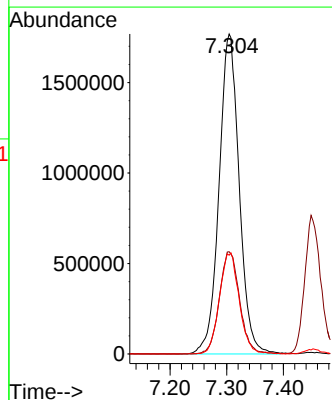
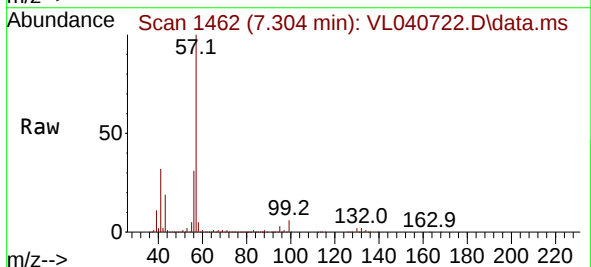
Manual Integrations
APPROVED

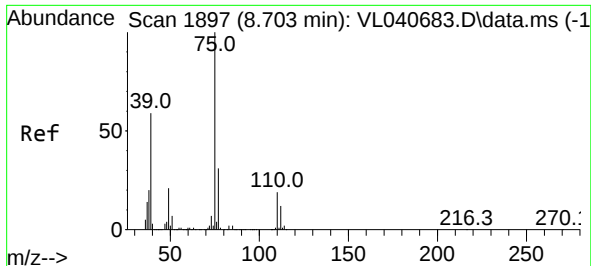
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#44
2,2,4-Trimethylpentane
Concen: 10.634 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.032 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion: 57 Resp: 4361189
Ion Ratio Lower Upper
57 100
41 32.3 28.5 42.7
56 31.2 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 13.195 ppbv

RT: 8.684 min Scan# 1716

Delta R.T. -0.039 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion: 75 Resp: 97956

Ion Ratio Lower Upper

75 100

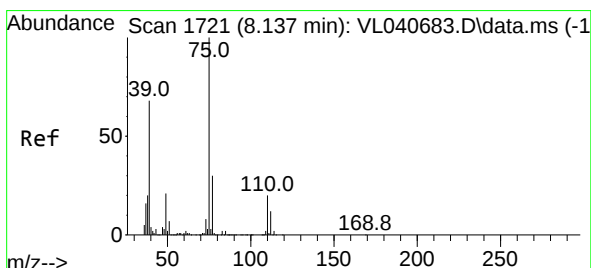
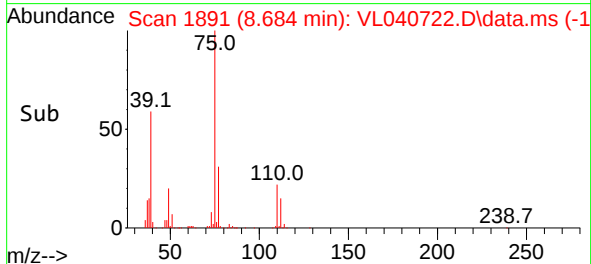
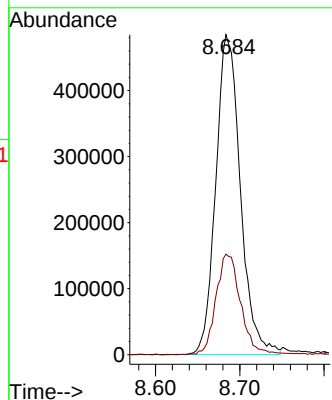
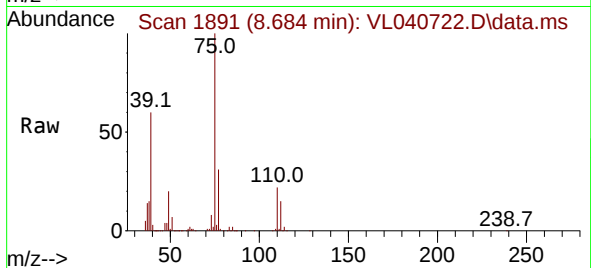
77 31.4 24.5 36.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#46

cis-1,3-Dichloropropene

Concen: 12.410 ppbv

RT: 8.121 min Scan# 1716

Delta R.T. -0.029 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

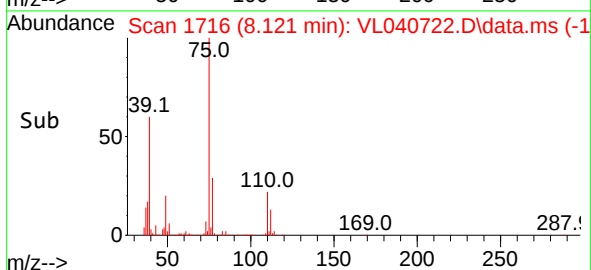
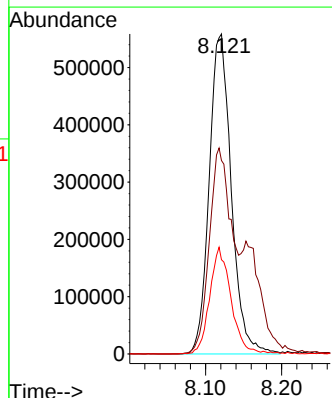
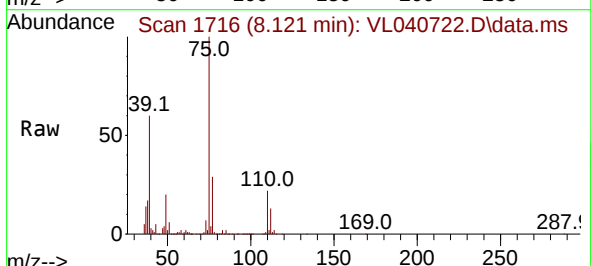
Tgt Ion: 75 Resp: 1127142

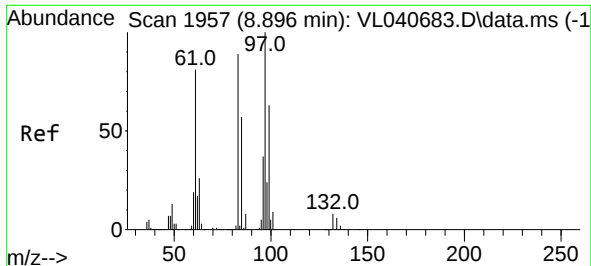
Ion Ratio Lower Upper

75 100

39 60.4 54.0 81.0

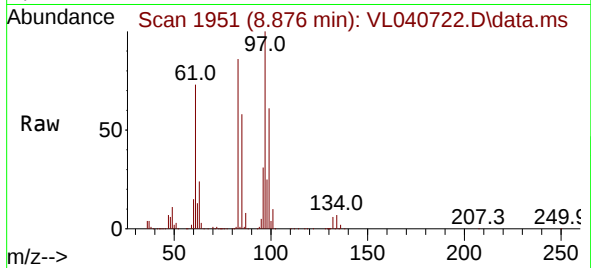
77 29.3 23.6 35.4





#47
1,1,2-Trichloroethane
Concen: 9.910 ppbv
RT: 8.876 min Scan# 1957
Delta R.T. -0.032 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01

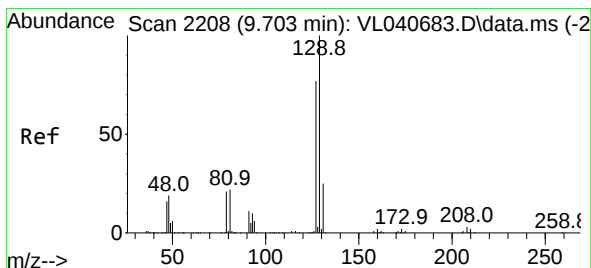
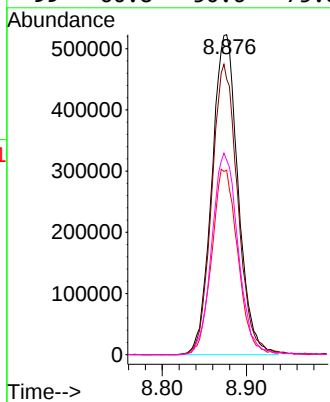
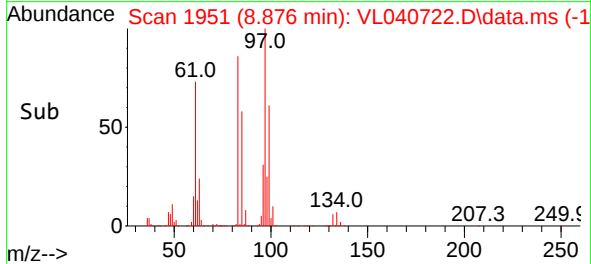


Tgt Ion: 97 Resp: 112751

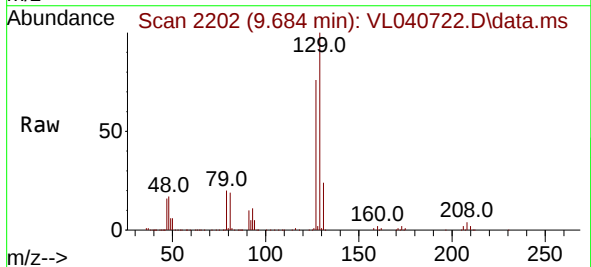
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.8	106.2
85	57.7	45.7	68.5
99	60.8	50.6	75.8

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Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

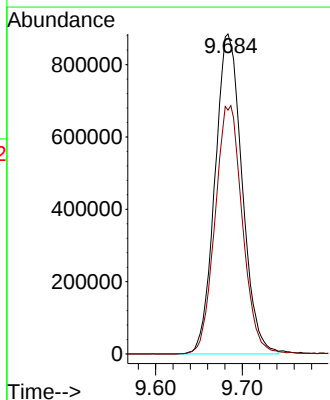
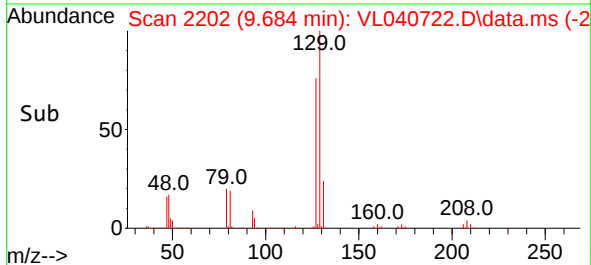


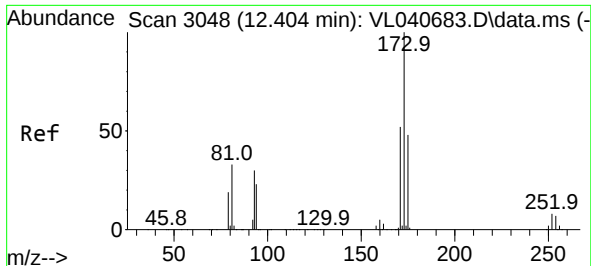
#48
Dibromochloromethane
Concen: 10.253 ppbv
RT: 9.684 min Scan# 2202
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



Tgt Ion:129 Resp: 1924314

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.4	118.2





#49

Bromoform

Concen: 10.355 ppbv

RT: 12.378 min Scan# 3048

Delta R.T. -0.042 min

Lab File: VL040722.D

Acq: 27 Sep 2023 11:25

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABS01

Tgt Ion:173 Resp: 1596220

Ion Ratio Lower Upper

173 100

175 48.9 38.8 58.2

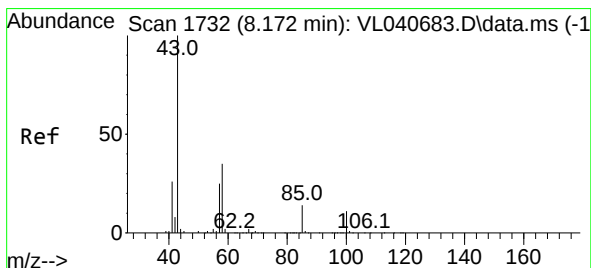
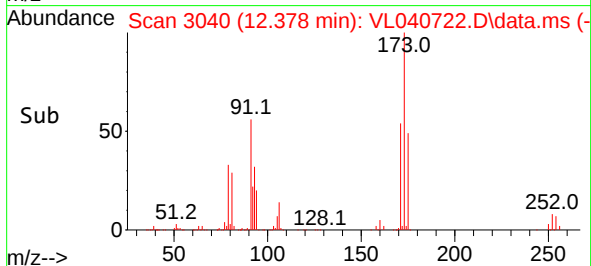
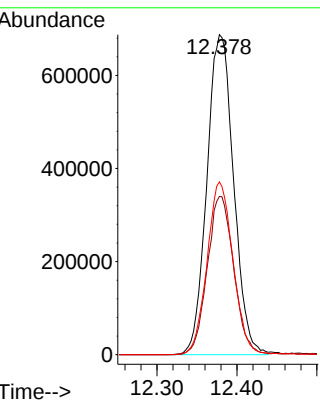
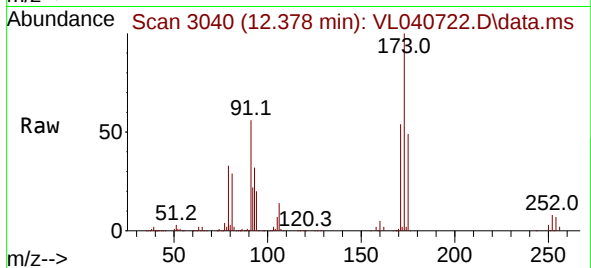
171 52.6 42.2 63.2

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Reviewed By :Semsettin Yesilyurt 09/28/2023

Supervised By :Mahesh Dadoda 09/28/2023



#50

4-Methyl-2-Pentanone

Concen: 10.577 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. -0.035 min

Lab File: VL040722.D

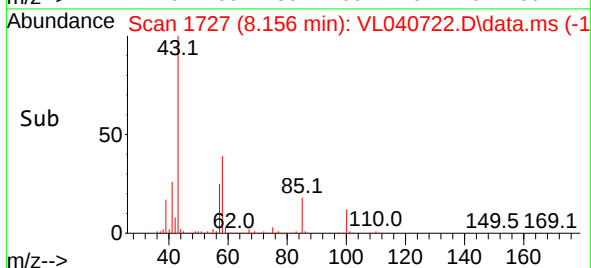
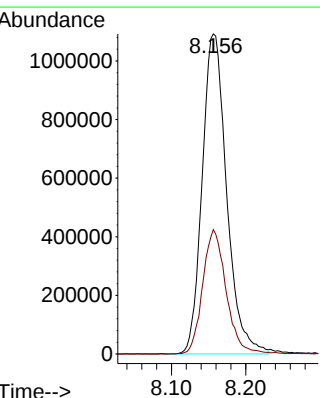
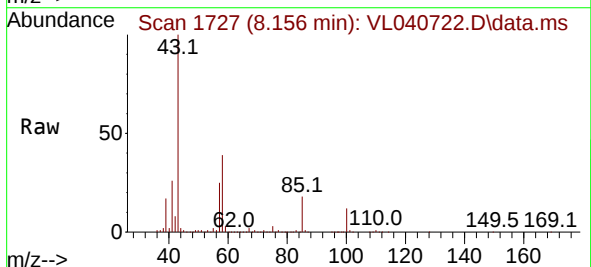
Acq: 27 Sep 2023 11:25

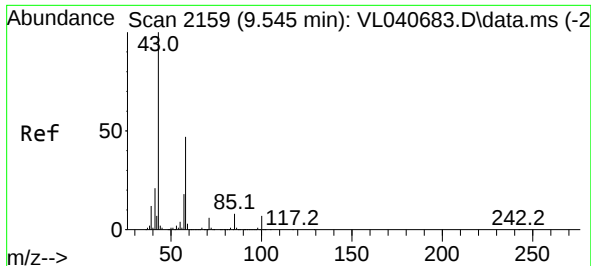
Tgt Ion: 43 Resp: 2500249

Ion Ratio Lower Upper

43 100

58 37.5 28.2 42.4





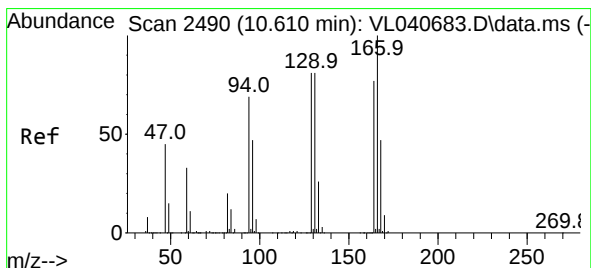
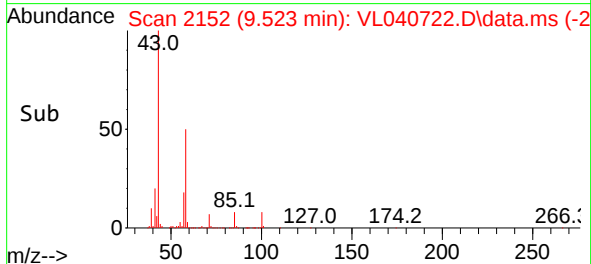
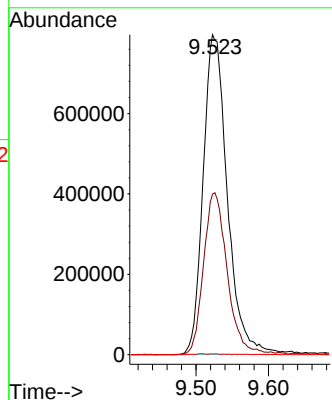
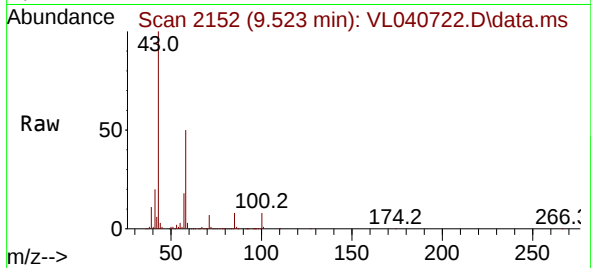
#51
2-Hexanone
Concen: 11.273 ppbv
RT: 9.523 min Scan# 2159
Delta R.T. -0.032 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01

Tgt Ion: 43 Resp: 183911
Ion Ratio Lower Upper
43 100
58 50.3 37.6 56.4
98 0.3 0.6 1.0

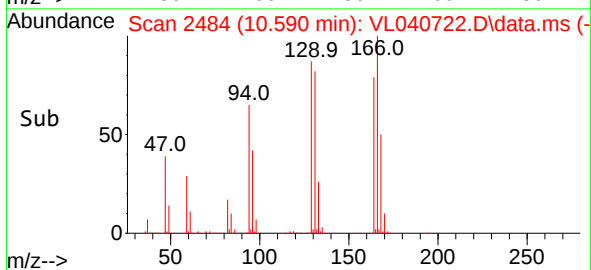
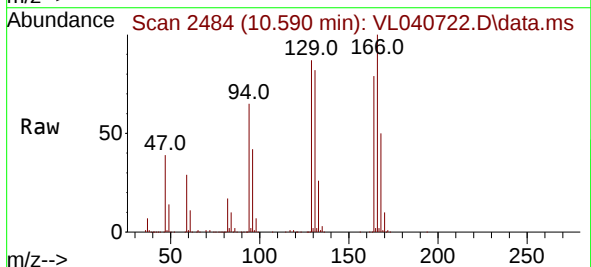
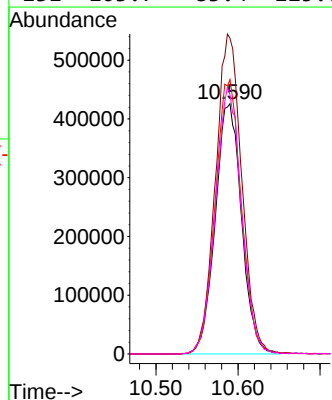
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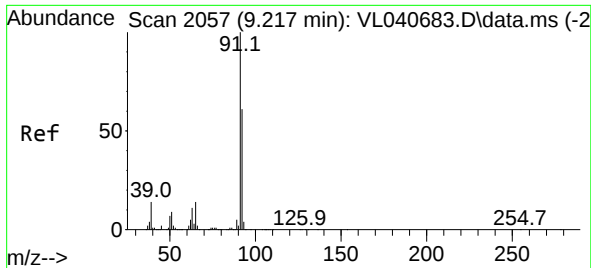
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#52
Tetrachloroethene
Concen: 11.279 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion:164 Resp: 947677
Ion Ratio Lower Upper
164 100
166 126.2 103.4 155.2
129 109.7 83.5 125.3
131 103.7 83.4 125.0





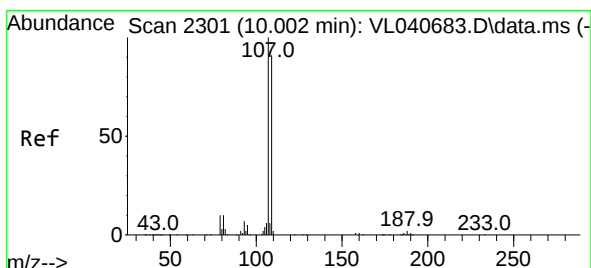
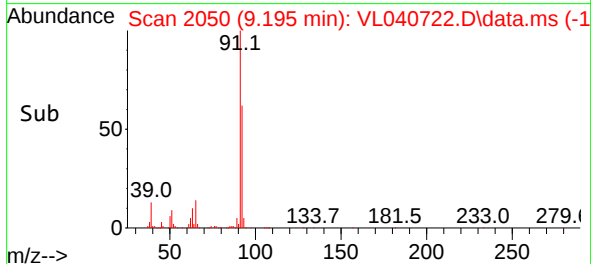
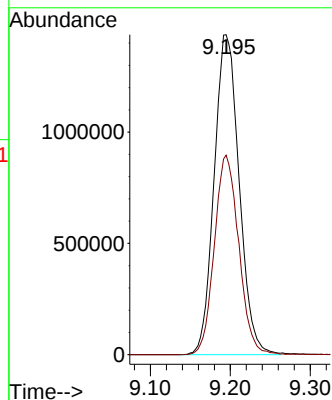
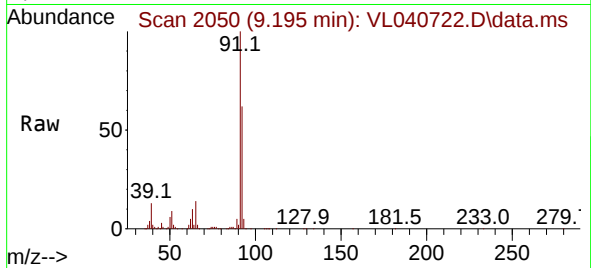
#53
Toluene
Concen: 11.478 ppbv
RT: 9.195 min Scan# 2057
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01

Tgt Ion: 91 Resp: 3121098
Ion Ratio Lower Upper
91 100
92 61.0 48.5 72.7

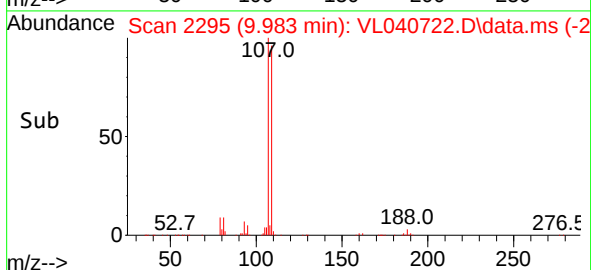
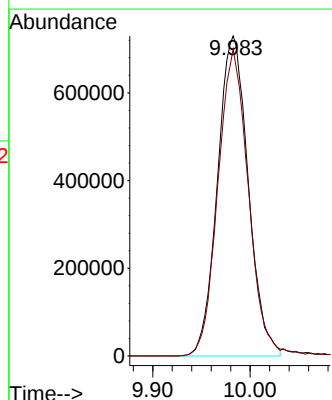
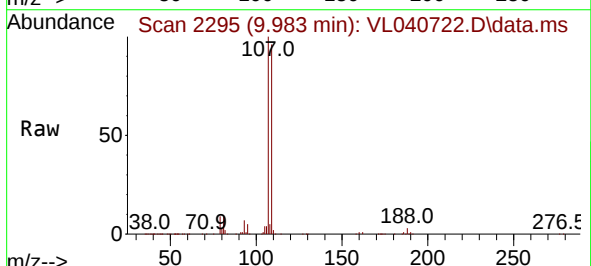
Manual Integrations
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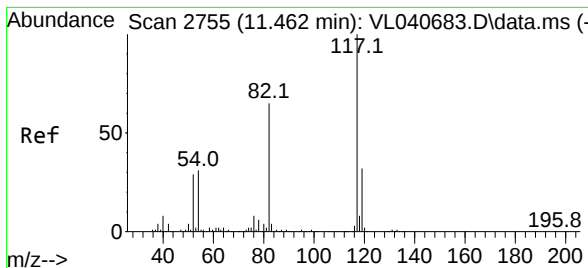
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#54
1,2-Dibromoethane
Concen: 10.988 ppbv
RT: 9.983 min Scan# 2295
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

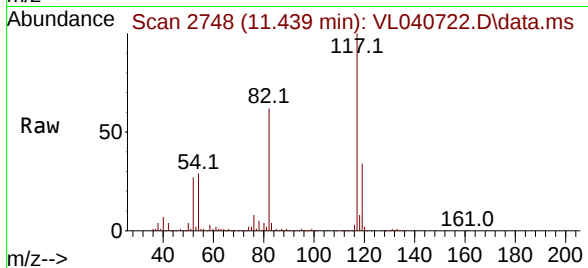
Tgt Ion:107 Resp: 1595764
Ion Ratio Lower Upper
107 100
109 95.8 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2755
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

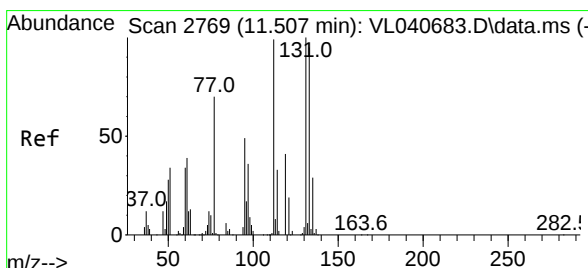
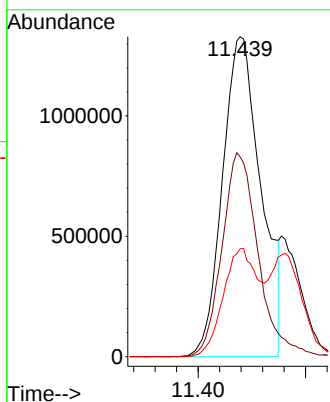
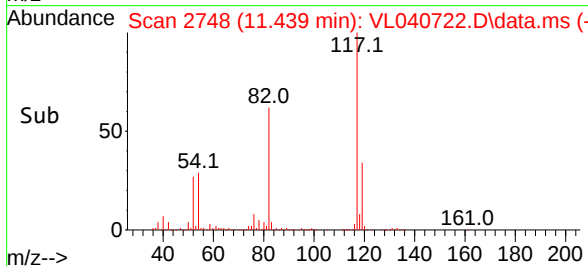
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



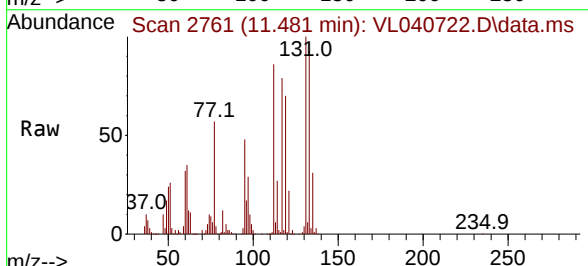
Tgt Ion:117 Resp: 3292180
Ion Ratio Lower Upper
117 100
82 60.6 51.4 77.0
119 32.9 24.7 37.1

Manual Integrations
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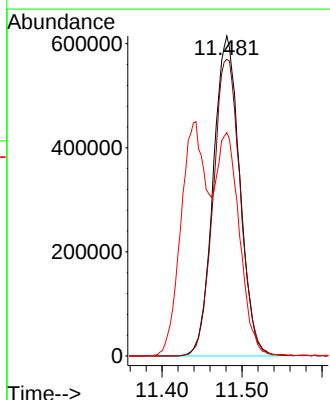
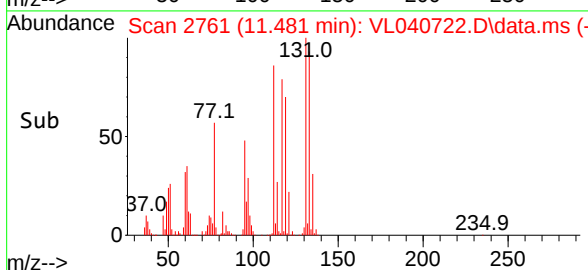
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

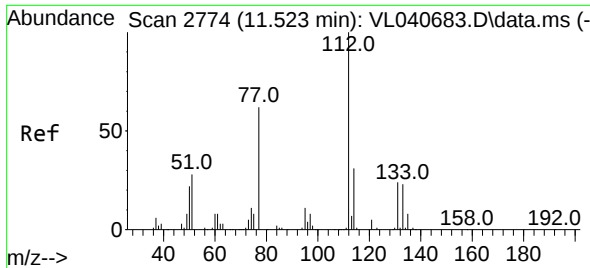


#56
1,1,1,2-Tetrachloroethane
Concen: 8.983 ppbv
RT: 11.481 min Scan# 2761
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



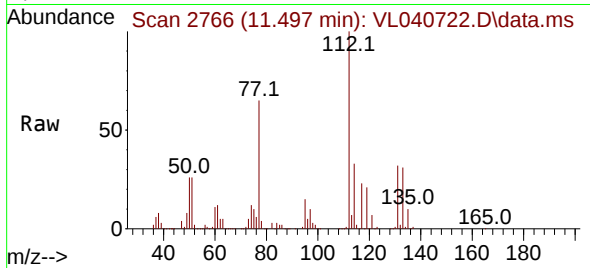
Tgt Ion:131 Resp: 1409691
Ion Ratio Lower Upper
131 100
133 95.5 76.2 114.2
119 58.4 45.5 68.3





#57
Chlorobenzene
Concen: 9.799 ppbv
RT: 11.497 min Scan# 21
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

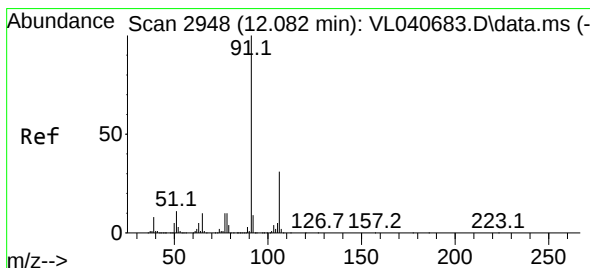
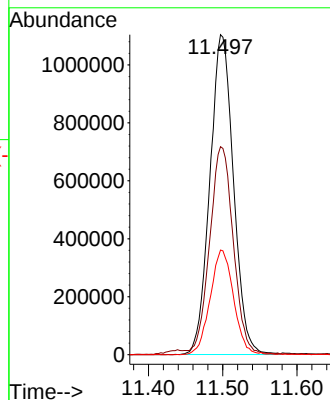
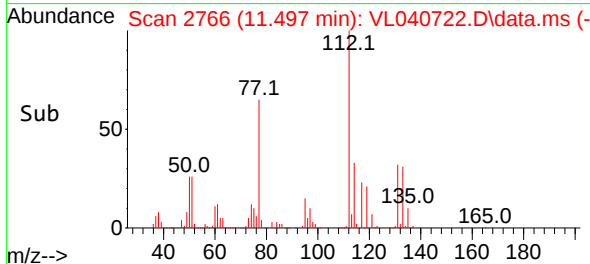
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 112 Resp: 244284
Ion Ratio Lower Upper
112 100
77 64.8 50.8 76.2
114 32.7 28.2 34.4

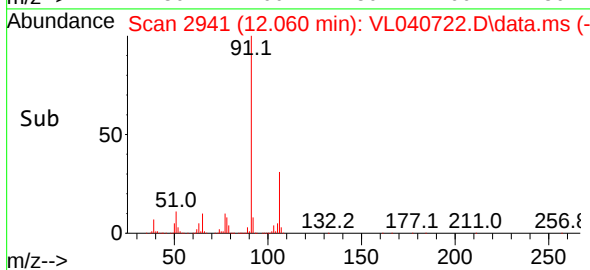
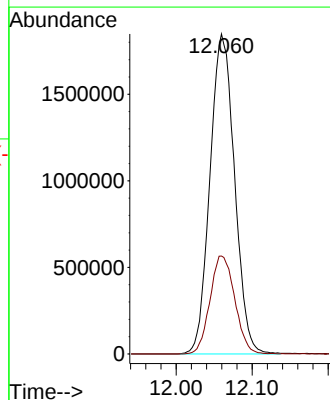
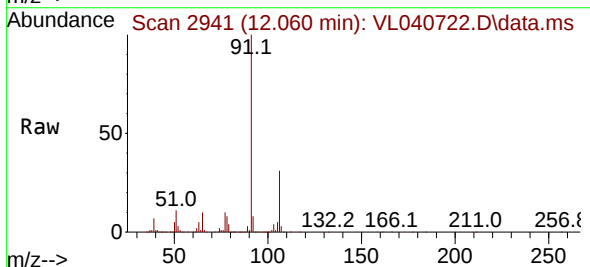
Manual Integrations
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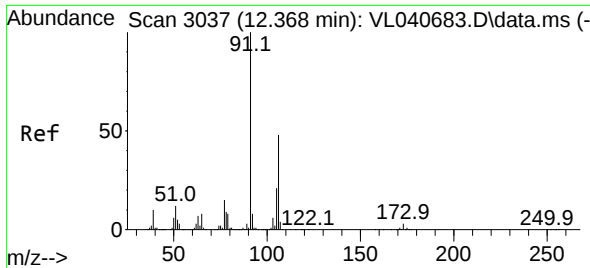
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#58
Ethyl Benzene
Concen: 11.035 ppbv
RT: 12.060 min Scan# 2941
Delta R.T. -0.042 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion: 91 Resp: 4142027
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1





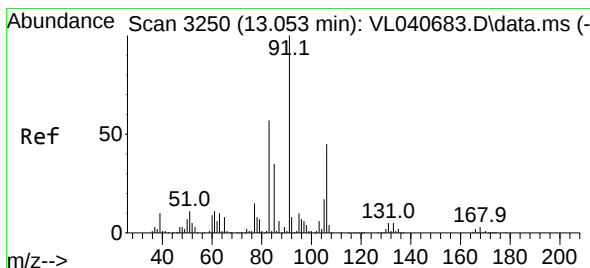
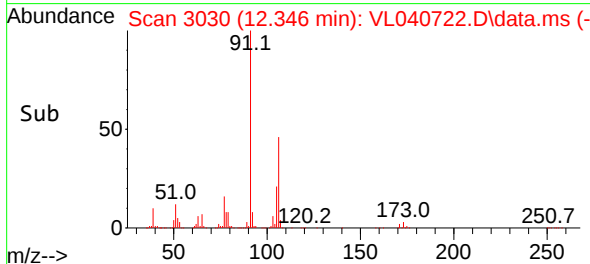
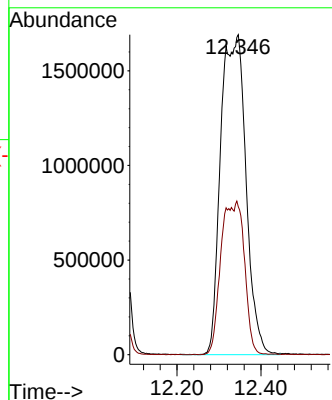
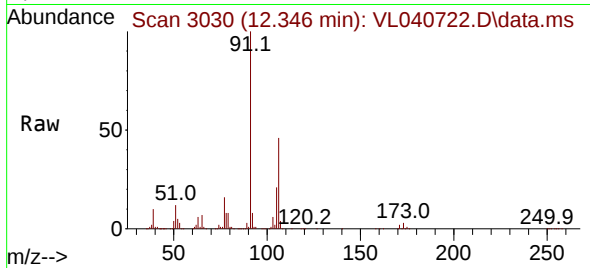
#59
m/p-Xylene
Concen: 19.984 ppbv m
RT: 12.346 min Scan# 3037
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01

Tgt Ion: 91 Resp: 704341
Ion Ratio Lower Upper
91 100
106 44.8 34.8 52.2

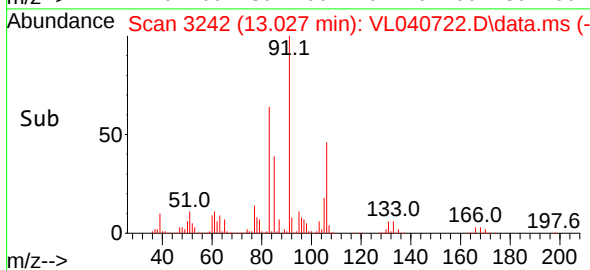
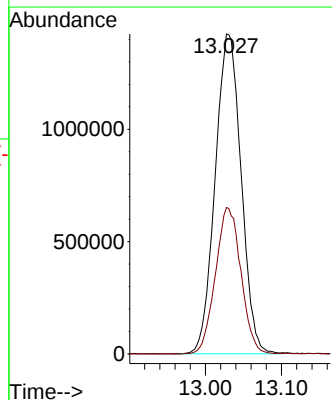
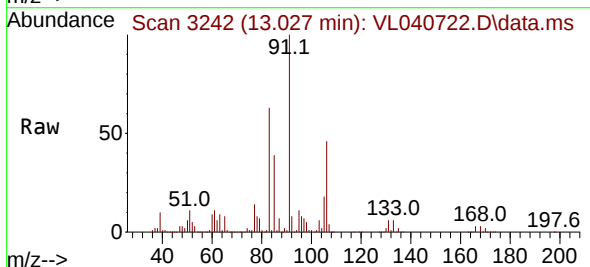
Manual Integrations
APPROVED

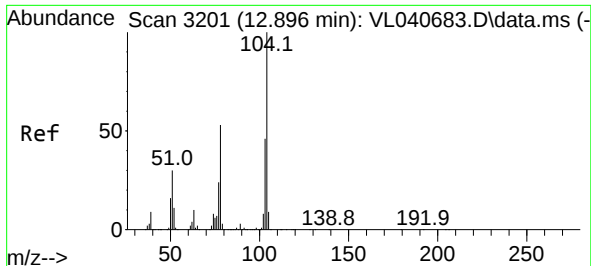
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#60
o-Xylene
Concen: 10.034 ppbv
RT: 13.027 min Scan# 3242
Delta R.T. -0.042 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion: 91 Resp: 3372526
Ion Ratio Lower Upper
91 100
106 45.2 22.3 66.9





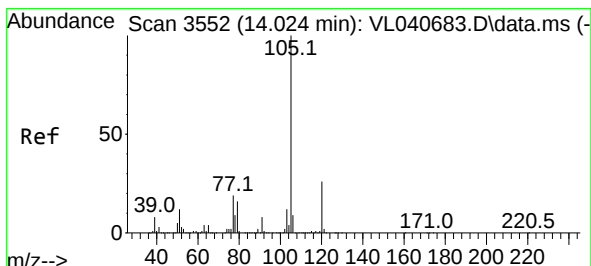
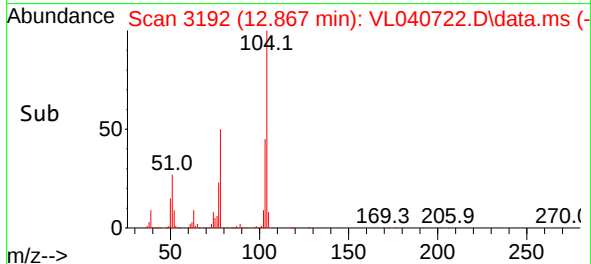
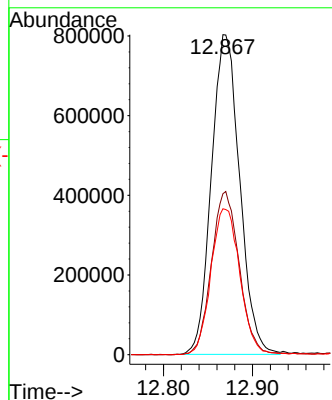
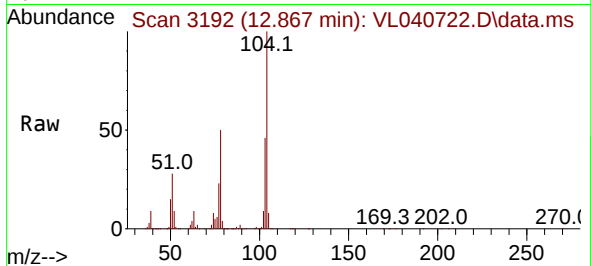
#61
Styrene
Concen: 12.569 ppbv
RT: 12.867 min Scan# 3192
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01

Tgt Ion:104 Resp: 177057
Ion Ratio Lower Upper
104 100
78 50.4 43.4 65.0
103 46.9 37.2 55.8

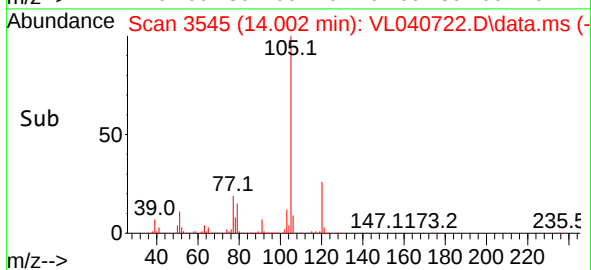
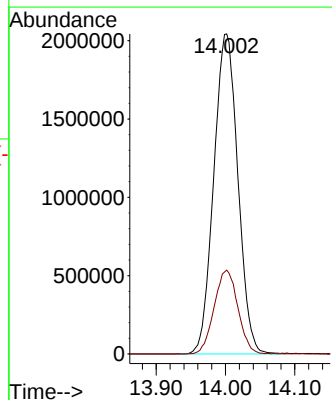
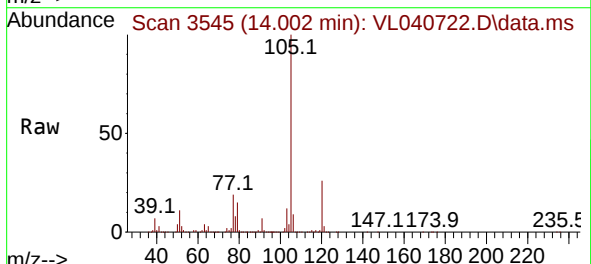
Manual Integrations
APPROVED

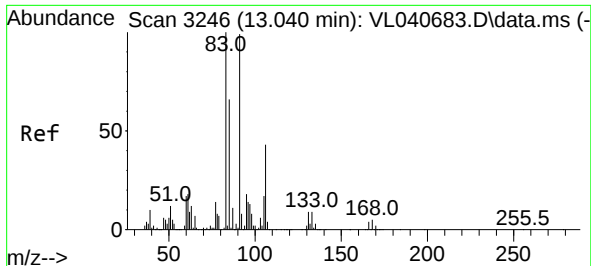
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#62
Isopropylbenzene
Concen: 9.732 ppbv
RT: 14.002 min Scan# 3545
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

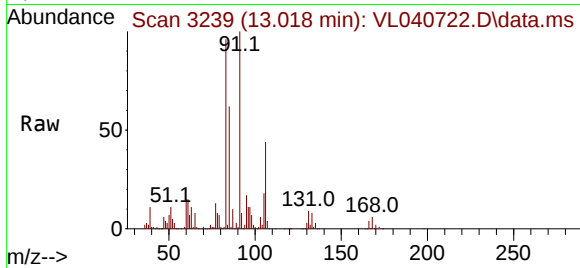
Tgt Ion:105 Resp: 4938896
Ion Ratio Lower Upper
105 100
120 25.8 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.227 ppbv
RT: 13.018 min Scan# 31
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

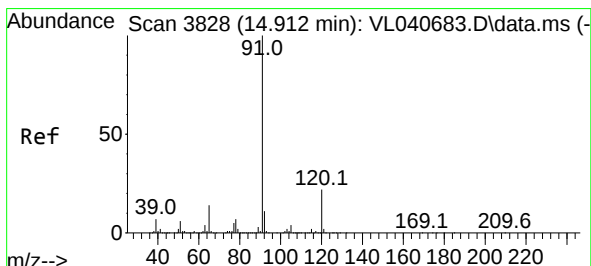
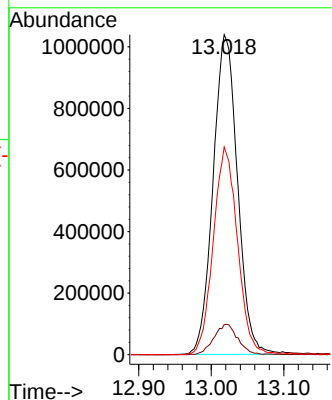
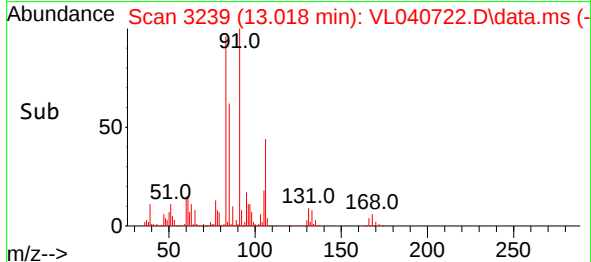
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



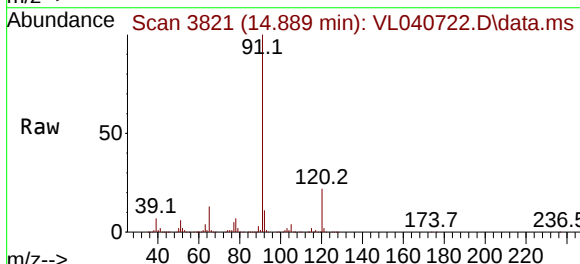
Tgt Ion: 83 Resp: 243066
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 64.8 33.1 99.3

Manual Integrations
APPROVED

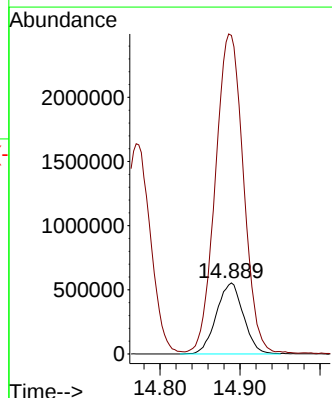
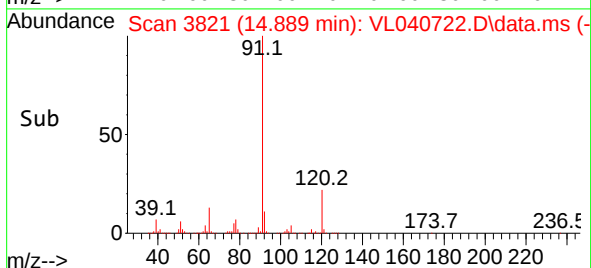
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

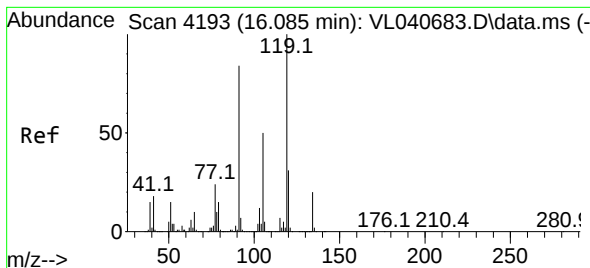


#64
n-propylbenzene
Concen: 10.220 ppbv
RT: 14.889 min Scan# 3821
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



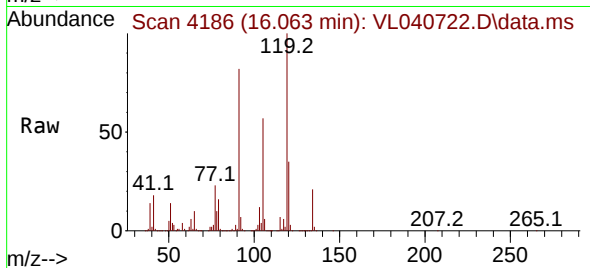
Tgt Ion:120 Resp: 1296839
Ion Ratio Lower Upper
120 100
91 471.1 386.9 580.3





#65
tert-Butylbenzene
Concen: 9.485 ppbv
RT: 16.063 min Scan# 41
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

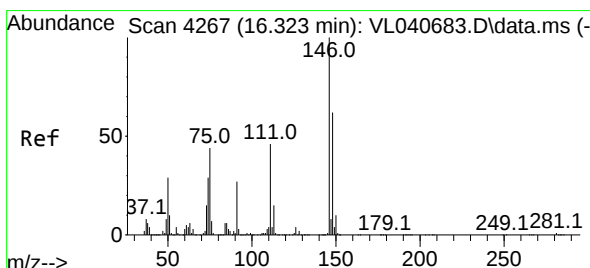
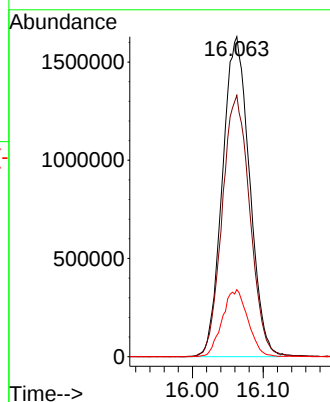
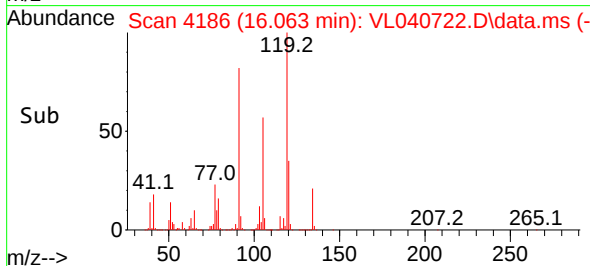
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 119 Resp: 4320430
Ion Ratio Lower Upper
119 100
91 83.4 69.8 104.8
134 19.9 15.4 23.2

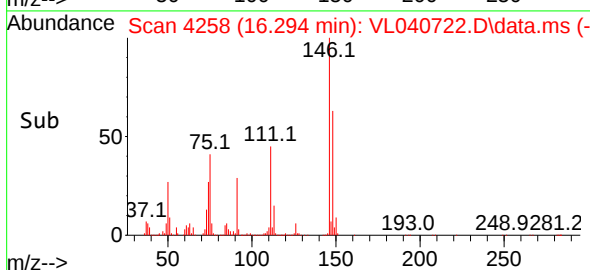
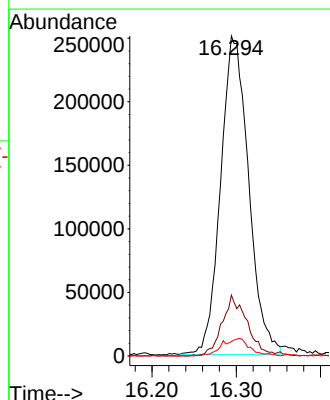
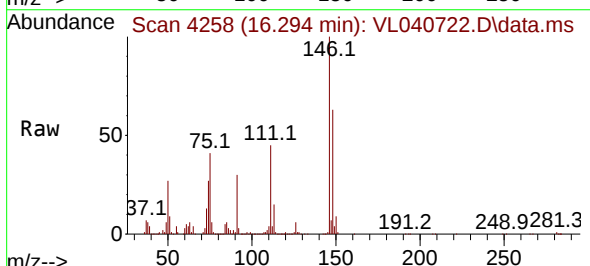
Manual Integrations
APPROVED

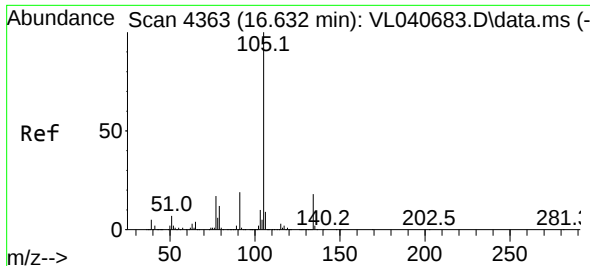
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#66
Benzyl Chloride
Concen: 10.855 ppbv
RT: 16.294 min Scan# 4258
Delta R.T. -0.042 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

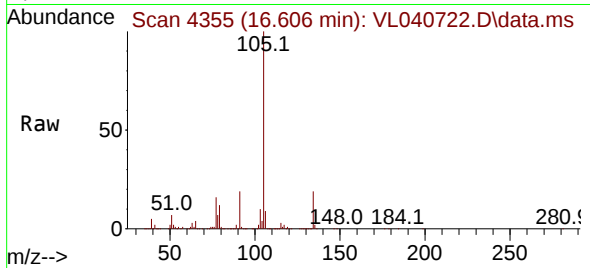
Tgt Ion: 91 Resp: 577060
Ion Ratio Lower Upper
91 100
126 17.4 13.6 20.4
128 5.5 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.373 ppbv
 RT: 16.606 min Scan# 41
 Delta R.T. -0.039 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

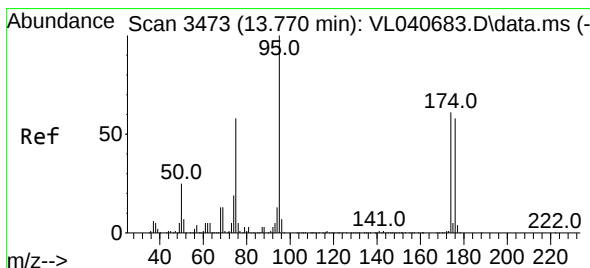
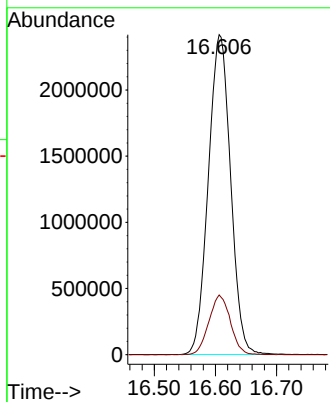
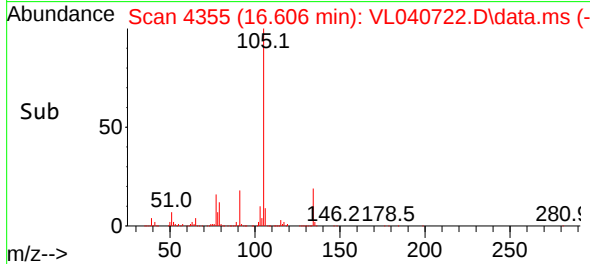
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS01



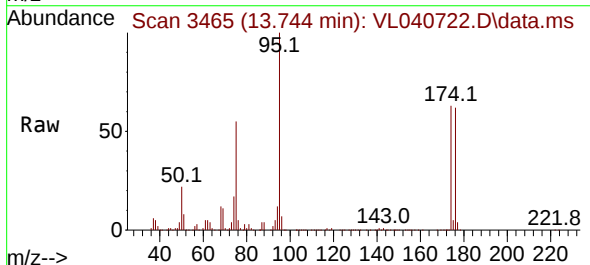
Tgt Ion:105 Resp: 611156
 Ion Ratio Lower Upper
 105 100
 134 18.0 14.1 21.1

Manual Integrations
 APPROVED

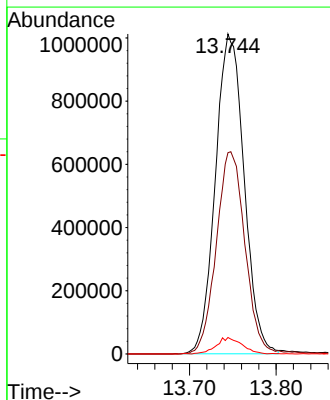
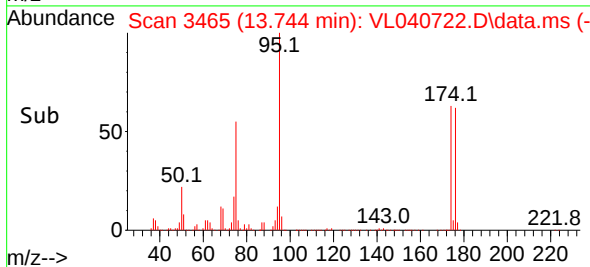
Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

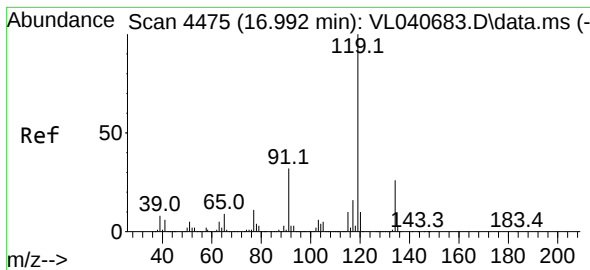


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.166 ppbv
 RT: 13.744 min Scan# 3465
 Delta R.T. -0.042 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25



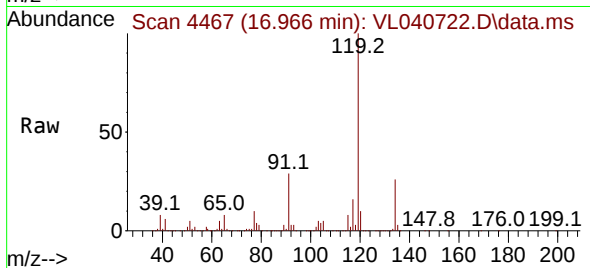
Tgt Ion: 95 Resp: 2331522
 Ion Ratio Lower Upper
 95 100
 174 63.9 48.9 73.3
 175 4.7 3.5 5.3





#69
p-Isopropyltoluene
Concen: 9.823 ppbv
RT: 16.966 min Scan# 4475
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

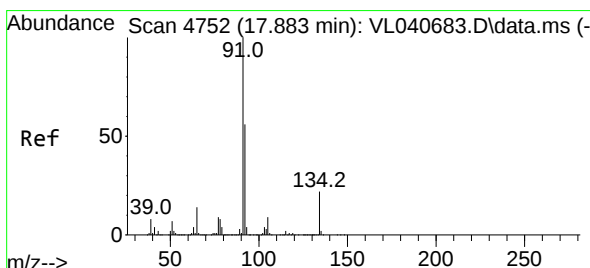
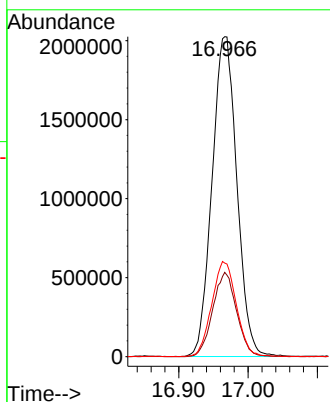
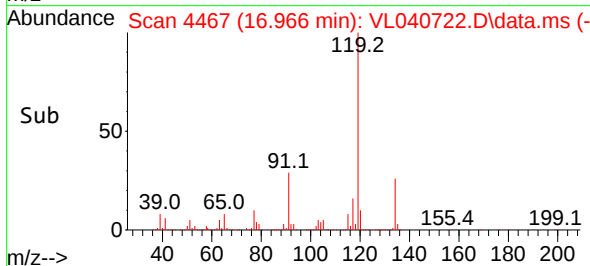
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion: 119 Resp: 503424
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.2
91 29.4 25.0 37.6

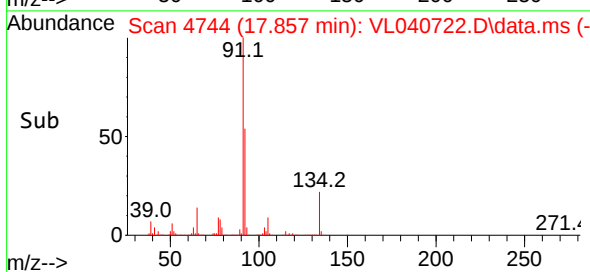
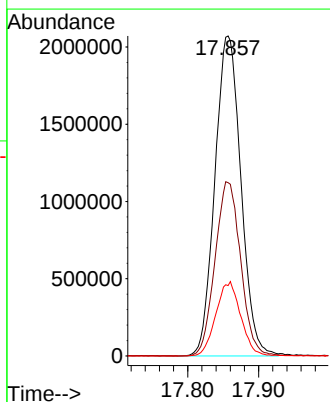
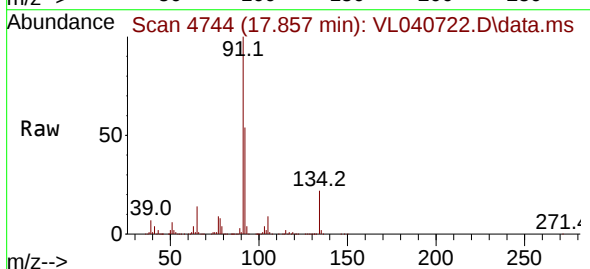
Manual Integrations
APPROVED

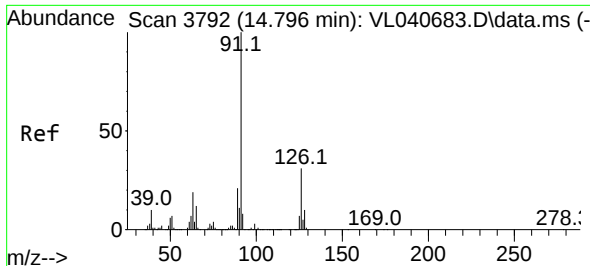
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#70
n-Butylbenzene
Concen: 9.379 ppbv
RT: 17.857 min Scan# 4744
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Tgt Ion: 91 Resp: 5290098
Ion Ratio Lower Upper
91 100
92 53.6 42.7 64.1
134 22.3 17.0 25.4





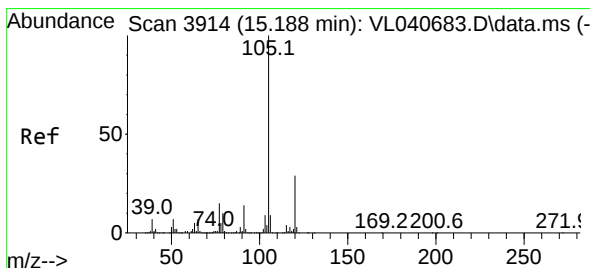
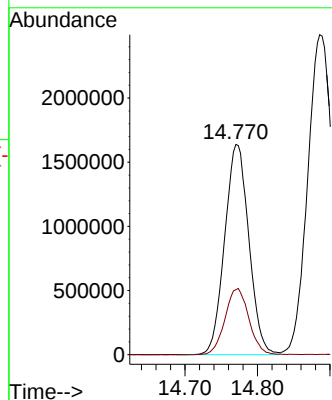
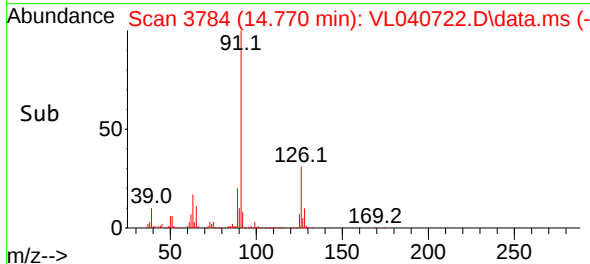
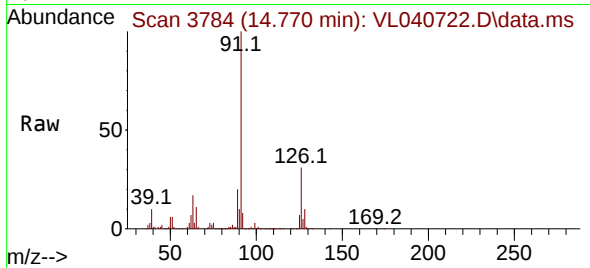
#71
2-Chlorotoluene
Concen: 10.128 ppbv
RT: 14.770 min Scan# 31
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01

Tgt Ion: 91 Resp: 3802814
Ion Ratio Lower Upper
91 100
126 31.1 12.0 47.8

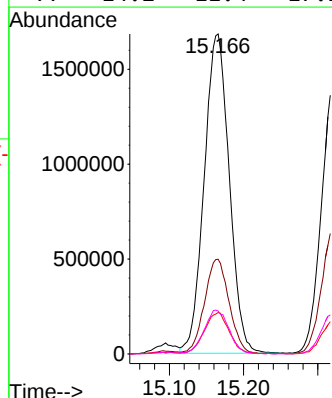
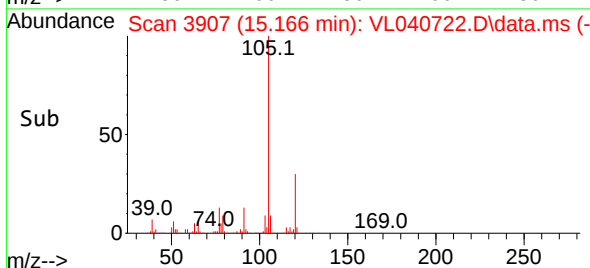
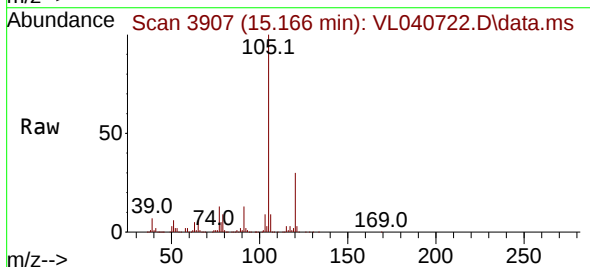
Manual Integrations
APPROVED

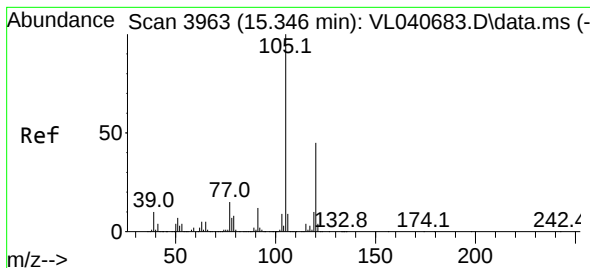
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#72
4-Ethyltoluene
Concen: 10.466 ppbv
RT: 15.166 min Scan# 3907
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

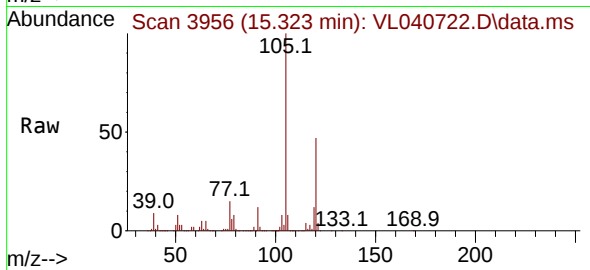
Tgt Ion:105 Resp: 3945046
Ion Ratio Lower Upper
105 100
120 29.4 23.9 35.9
91 12.8 11.0 16.4
77 14.2 11.4 17.2





#73
1,3,5-Trimethylbenzene
Concen: 9.977 ppbv
RT: 15.323 min Scan# 3963
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

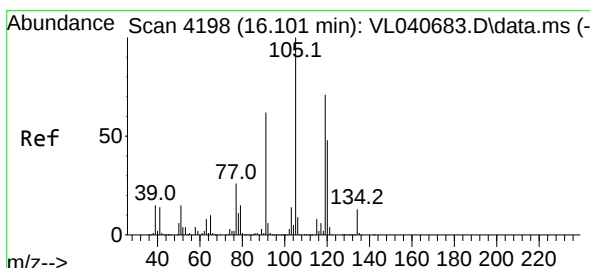
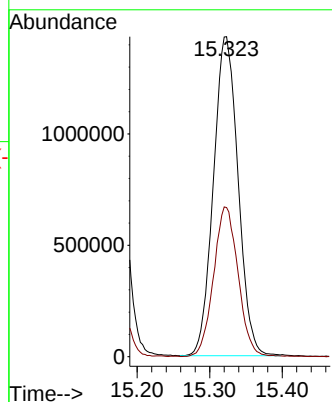
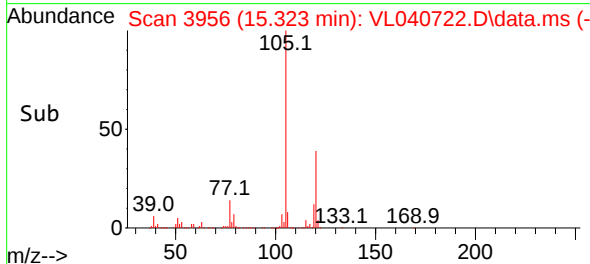
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion:105 Resp: 3386100
Ion Ratio Lower Upper
105 100
120 46.7 36.1 54.1

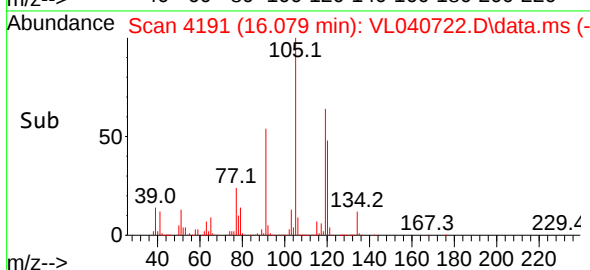
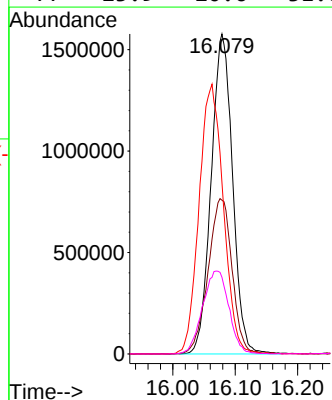
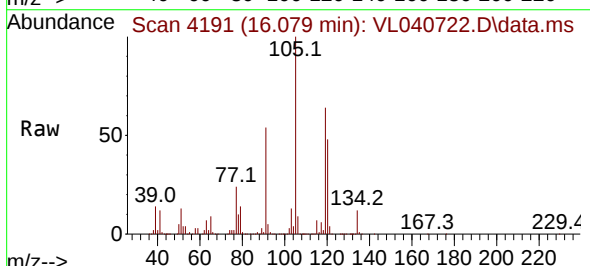
Manual Integrations
APPROVED

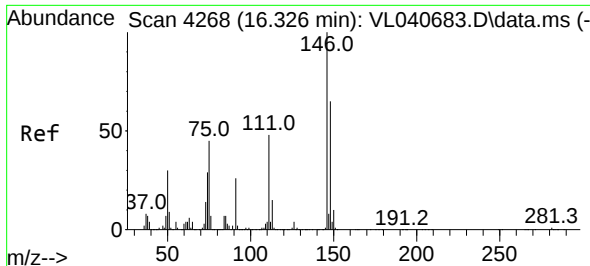
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#74
1,2,4-Trimethylbenzene
Concen: 9.076 ppbv
RT: 16.079 min Scan# 4191
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

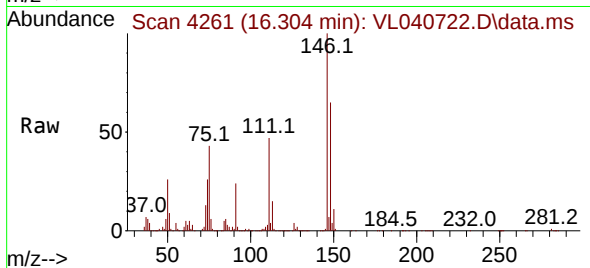
Tgt Ion:105 Resp: 3755165
Ion Ratio Lower Upper
105 100
120 48.0 38.6 57.8
91 53.4 50.0 75.0
77 23.9 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 9.378 ppbv
RT: 16.304 min Scan# 4304
Delta R.T. -0.035 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

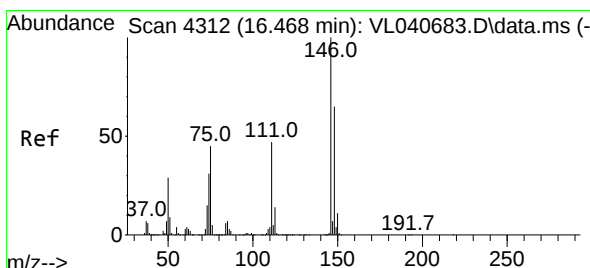
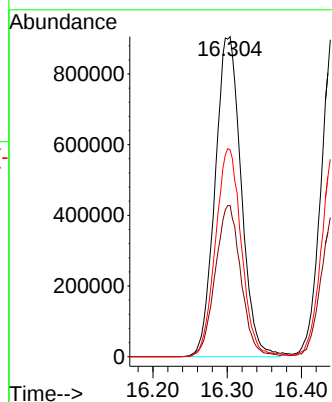
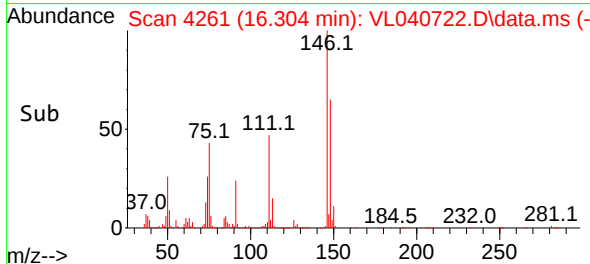
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



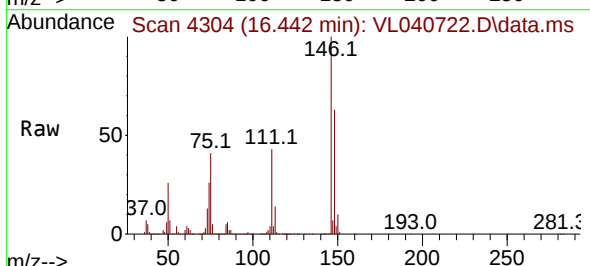
Tgt Ion:146 Resp: 2210908
Ion Ratio Lower Upper
146 100
111 46.7 23.9 71.7
148 64.6 31.8 95.4

Manual Integrations
APPROVED

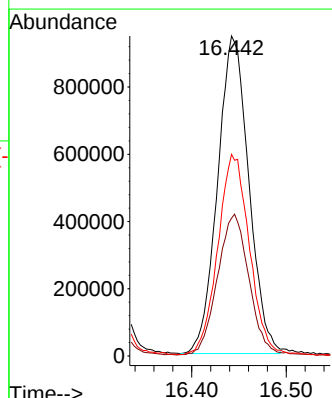
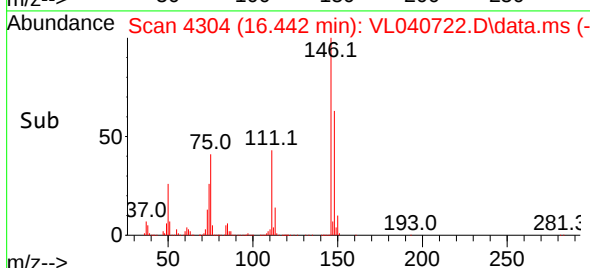
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

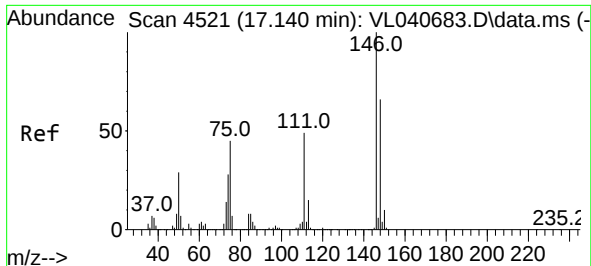


#76
1,4-Dichlorobenzene
Concen: 9.332 ppbv
RT: 16.442 min Scan# 4304
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



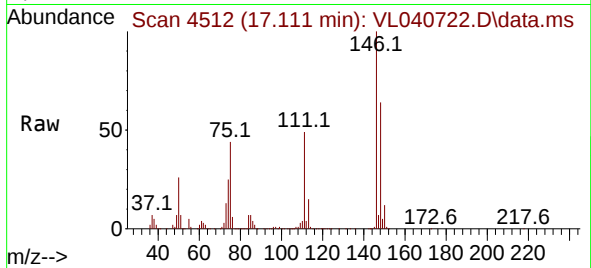
Tgt Ion:146 Resp: 2164695
Ion Ratio Lower Upper
146 100
111 45.8 23.8 71.2
148 64.9 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 9.167 ppbv
RT: 17.111 min Scan# 41
Delta R.T. -0.042 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

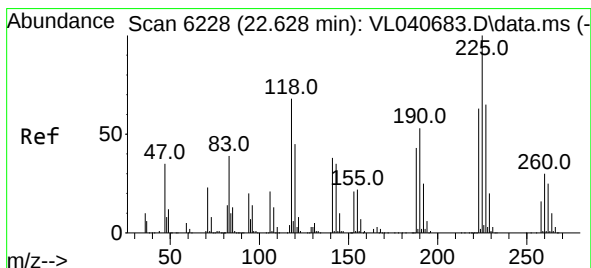
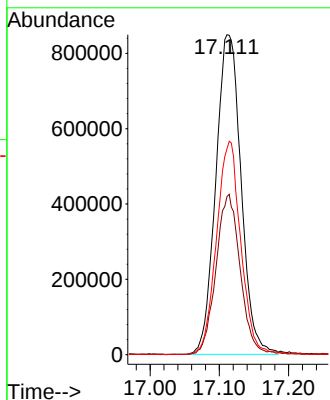
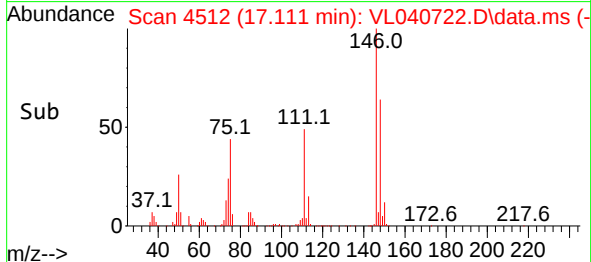
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



Tgt Ion:146 Resp: 2152398
Ion Ratio Lower Upper
146 100
111 48.1 25.0 75.0
148 64.2 32.4 97.0

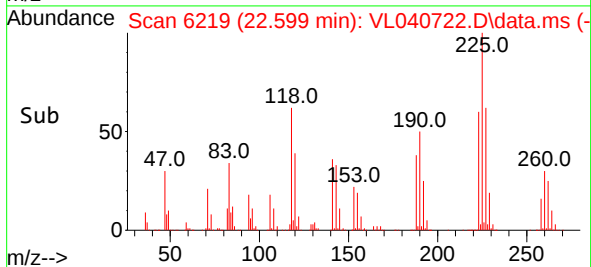
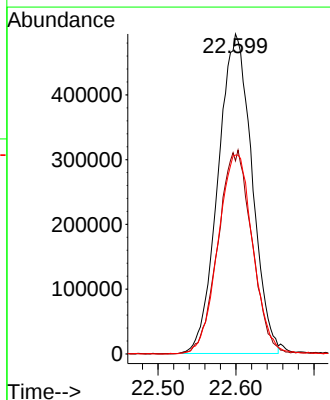
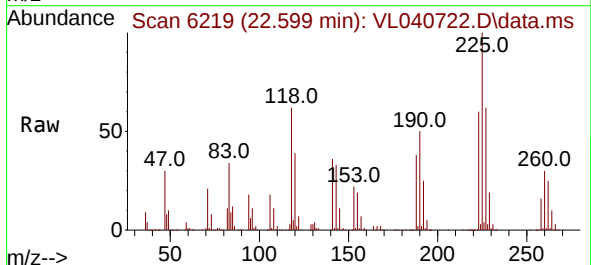
Manual Integrations
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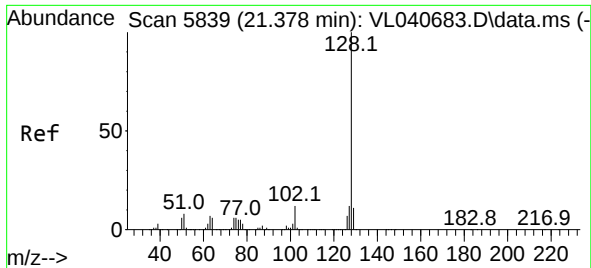
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023



#78
Hexachloro-1,3-Butadiene
Concen: 8.379 ppbv
RT: 22.599 min Scan# 6219
Delta R.T. -0.039 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

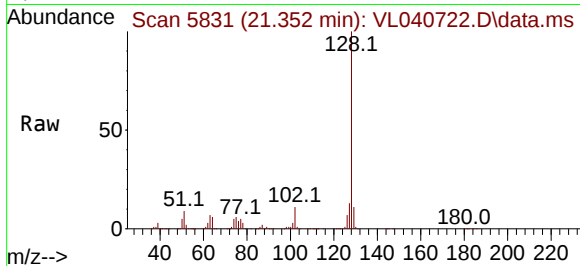
Tgt Ion:225 Resp: 1488589
Ion Ratio Lower Upper
225 100
223 64.4 51.2 76.8
227 64.5 50.7 76.1





#79
Naphthalene
Concen: 11.812 ppbv
RT: 21.352 min Scan# 5831
Delta R.T. -0.042 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25

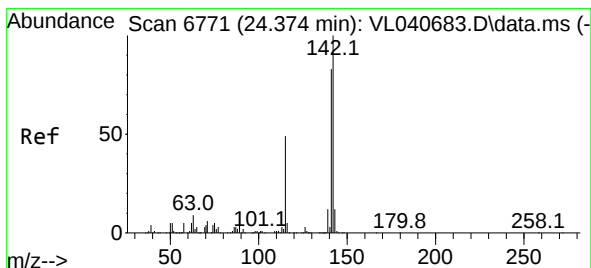
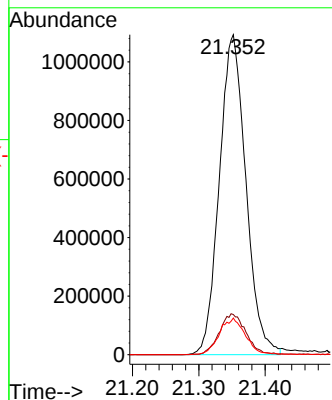
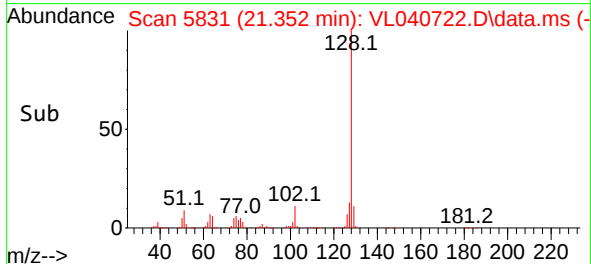
Instrument :
MSVOA_L
ClientSampleId :
VL0927ABS01



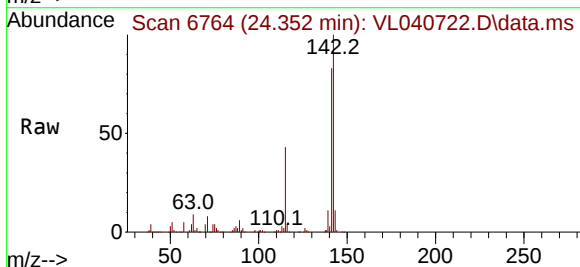
Tgt Ion:128 Resp: 304115
Ion Ratio Lower Upper
128 100
127 12.6 9.8 14.6
129 11.5 8.4 12.6

Manual Integrations
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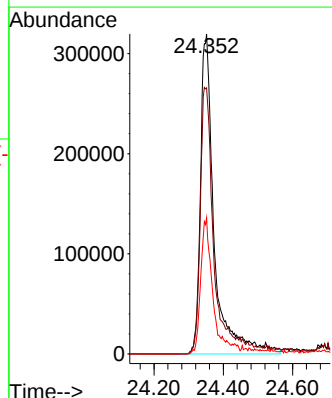
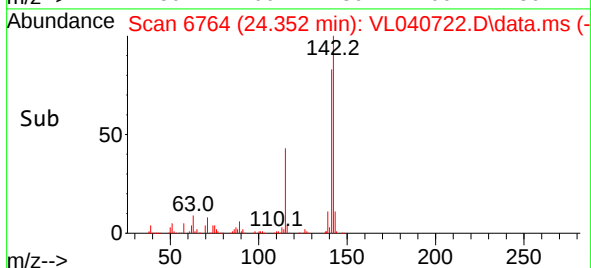
Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

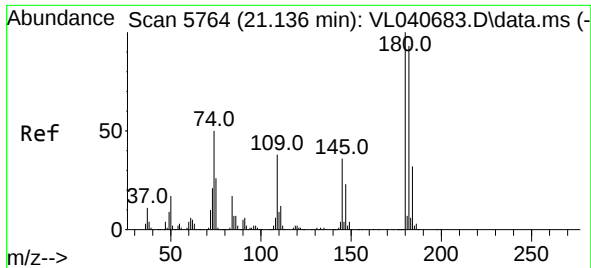


#80
Naphthalene,2-methyl-
Concen: 14.045 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.029 min
Lab File: VL040722.D
Acq: 27 Sep 2023 11:25



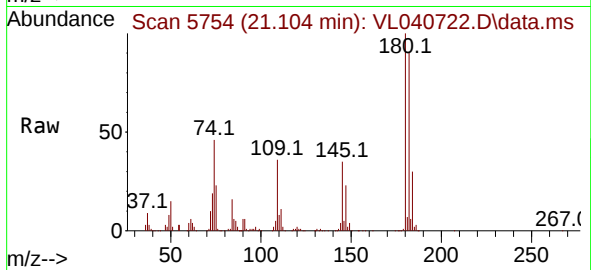
Tgt Ion:142 Resp: 885732
Ion Ratio Lower Upper
142 100
141 82.7 67.0 100.6
115 38.2 37.4 56.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.606 ppbv
 RT: 21.104 min Scan# 51
 Delta R.T. -0.045 min
 Lab File: VL040722.D
 Acq: 27 Sep 2023 11:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABS01



Tgt Ion:180 Resp: 1615500
 Ion Ratio Lower Upper
 180 100
 182 95.7 77.9 116.9
 184 30.5 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
 Supervised By :Mahesh Dadoda 09/28/2023

