

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040751.D
 Acq On : 4 Oct 2023 22:12
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 04:29:51 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

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

Internal Standards						
1) Bromochloromethane	5.189	49	833290	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2176301	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2374335m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.757 95 1702425 9.280 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.742	85	2099251	11.434	ppbv	98
3) Chlorodifluoromethane	2.687	51	1434798	10.569	ppbv	100
4) Chloromethane	2.825	50	532357	10.243	ppbv	99
5) Vinyl Chloride	2.931	62	630751	10.269	ppbv	94
6) Bromomethane	3.131	94	321029	10.833	ppbv	89
7) Chloroethane	3.205	64	224403	10.637	ppbv	96
8) Dichlorotetrafluoroethane	2.867	85	1619643	10.686	ppbv	99
9) Propene	2.706	41	385644	9.861	ppbv	100
10) Heptane	7.568	43	1008929	11.449	ppbv	99
11) Trichlorofluoromethane	3.568	101	1859832	11.523	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1329117	11.512	ppbv	97
13) Ethanol	3.247	45	98417	8.502	ppbv	93
14) Bromoethene	3.372	108	542189	11.196	ppbv	100
15) Acetone	3.475	43	1081724	9.842	ppbv	98
16) 1,3-Butadiene	2.996	39	552595	11.536	ppbv	99
17) tert-Butyl alcohol	3.880	59	1242049	11.032	ppbv	99
18) 1,1-Dichloroethene	3.883	96	599118	11.675	ppbv	95
19) Isopropyl Alcohol	3.578	45	719145	10.859	ppbv #	95
20) Methylene Chloride	3.935	84	508394	8.594	ppbv	96
21) Allyl Chloride	3.999	41	769995	11.431	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	601283	11.850	ppbv	96
23) Vinyl Acetate	4.626	43	1376564	12.110	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1199600	11.277	ppbv	100
25) Ethyl Acetate	5.201	43	1884526	10.631	ppbv	100
26) Hexane	5.211	57	824499	9.836	ppbv	99
27) Carbon Disulfide	4.128	76	1463263	12.518	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	827935	11.480	ppbv	100
29) Chloroform	5.272	83	1549396	10.706	ppbv	100
30) Cyclohexane	6.594	84	706053	11.185	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	862306	11.088	ppbv	99
32) 1,1,1-Trichloroethane	5.999	97	1622874	10.968	ppbv	100
34) 2-Butanone	4.783	43	1138721	10.404	ppbv	99
35) Carbon Tetrachloride	6.484	117	1749311	11.706	ppbv	98
36) Benzene	6.362	78	1730552	10.738	ppbv	98
37) 1,2-Dichloroethane	5.803	62	1213905	11.006	ppbv	99
38) Trichloroethene	7.282	130	745856	12.136	ppbv	96
39) 1,2-Dichloropropane	7.066	63	654201	10.546	ppbv	97
40) 1,4-Dioxane	7.275	88	278255	11.865	ppbv #	96
41) Tetrahydrofuran	5.552	42	611560	10.897	ppbv	100
42) Bromodichloromethane	7.240	83	1723149	11.450	ppbv	98
43) Methyl Methacrylate	7.468	69	726423m	12.127	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	2888273	11.256	ppbv	99
45) t-1,3-Dichloropropene	8.700	75	618651	13.319	ppbv	98

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Instrument :
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 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 10/05/2023

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

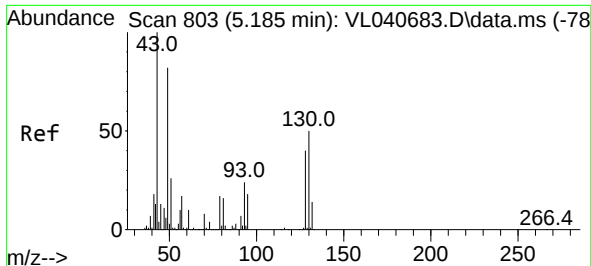
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

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

Response via : Initial Calibration

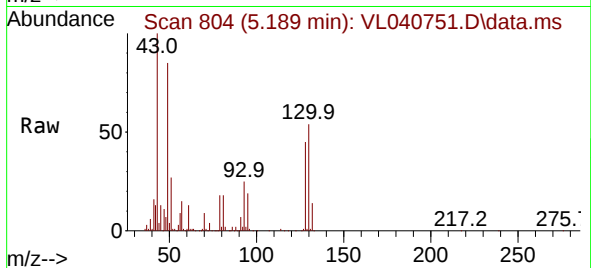
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	707902	12.456	ppbv	95
47) 1,1,2-Trichloroethane	8.886	97	786764	11.052	ppbv	98
48) Dibromochloromethane	9.696	129	1469151	12.510	ppbv	100
49) Bromoform	12.394	173	1250596	12.967	ppbv	99
50) 4-Methyl-2-Pentanone	8.169	43	1776258	12.010	ppbv	99
51) 2-Hexanone	9.536	43	1309302	12.826	ppbv	100
52) Tetrachloroethene	10.603	164	655400	12.467	ppbv	99
53) Toluene	9.208	91	2087776	12.271	ppbv	100
54) 1,2-Dibromoethane	9.995	107	1150077	12.657	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.494	131	1105896	9.771	ppbv	95
57) Chlorobenzene	11.510	112	1729106	9.617	ppbv	97
58) Ethyl Benzene	12.073	91	2961629	10.941	ppbv	99
59) m/p-Xylene	12.359	91	5363285m	21.100	ppbv	
60) o-Xylene	13.040	91	2591762	10.691	ppbv	100
61) Styrene	12.883	104	1231716	12.124	ppbv	100
62) Isopropylbenzene	14.008	105	3780465	10.329	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	1874209	9.865	ppbv	99
64) n-propylbenzene	14.899	120	972068	10.622	ppbv	98
65) tert-Butylbenzene	16.072	119	3449888	10.502	ppbv	100
66) Benzyl Chloride	16.310	91	450943	11.762	ppbv	100
67) sec-Butylbenzene	16.619	105	4844322	10.301	ppbv	100
69) p-Isopropyltoluene	16.976	119	3951187	10.690	ppbv	99
70) n-Butylbenzene	17.867	91	4319354	10.618	ppbv	100
71) 2-Chlorotoluene	14.783	91	2916743	10.771	ppbv	99
72) 4-Ethyltoluene	15.175	105	3007032	11.062	ppbv	98
73) 1,3,5-Trimethylbenzene	15.333	105	2631528	10.751	ppbv	99
74) 1,2,4-Trimethylbenzene	16.088	105	3068653	10.284	ppbv	96
75) 1,3-Dichlorobenzene	16.314	146	1746983	10.275	ppbv	100
76) 1,4-Dichlorobenzene	16.455	146	1694352	10.128	ppbv	99
77) 1,2-Dichlorobenzene	17.124	146	1664052	9.827	ppbv	99
78) Hexachloro-1,3-Butadiene	22.606	225	1251719	9.769	ppbv	99
79) Naphthalene	21.358	128	2665413	14.354	ppbv	98
80) Naphthalene,2-methyl-	24.358	142	673682	14.813	ppbv	98
81) 1,2,4-Trichlorobenzene	21.120	180	1375853	11.343	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 803
Delta R.T. -0.009 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

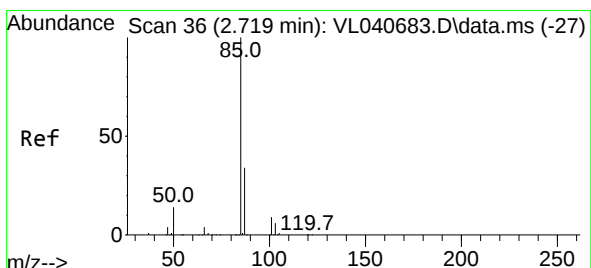
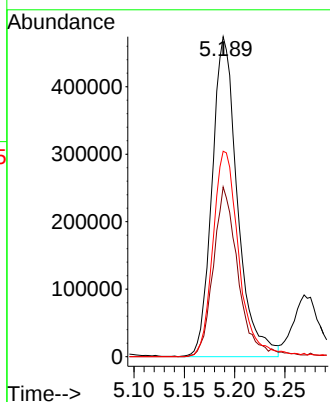
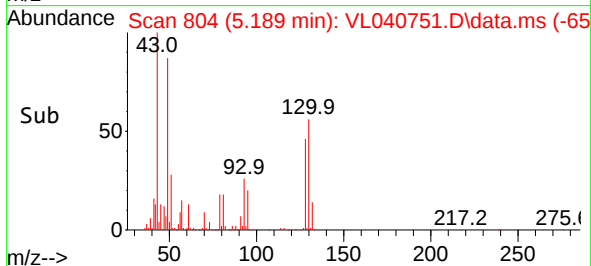
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 833290
Ion Ratio Lower Upper
49 100
128 52.5 25.4 76.0
130 66.8 32.3 96.8

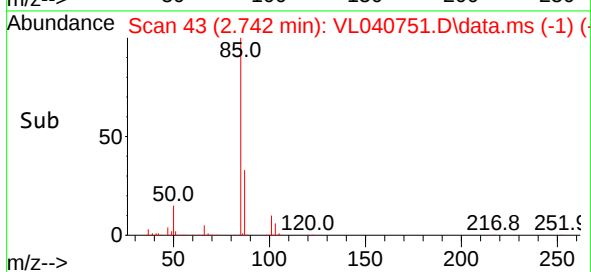
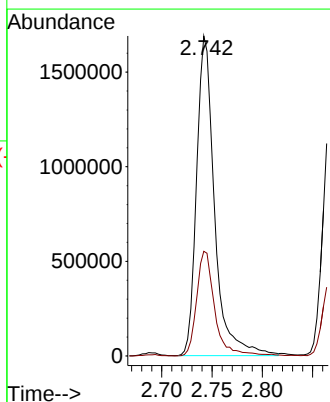
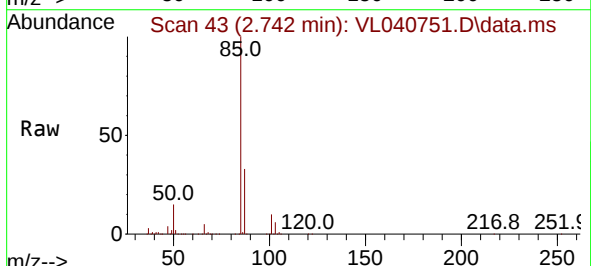
Manual Integrations
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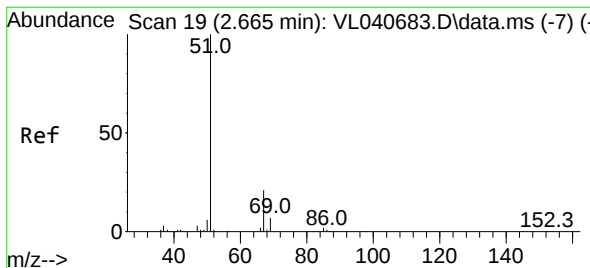
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#2
Dichlorodifluoromethane
Concen: 11.434 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.010 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 85 Resp: 2099251
Ion Ratio Lower Upper
85 100
87 32.7 27.2 40.8





#3

Chlorodifluoromethane

Concen: 10.569 ppbv

RT: 2.687 min Scan# 20

Delta R.T. 0.010 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 51 Resp: 1434798

Ion Ratio Lower Upper

51 100

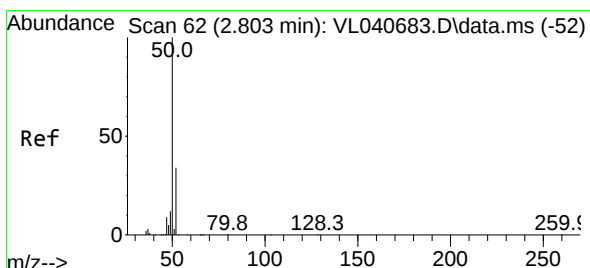
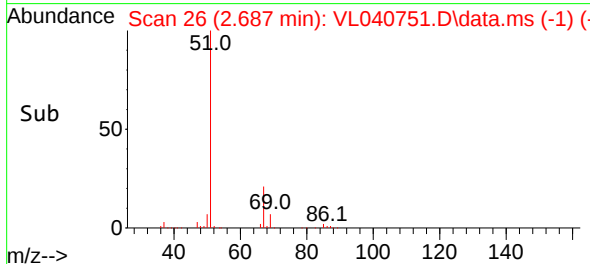
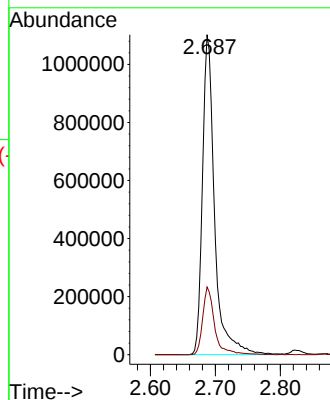
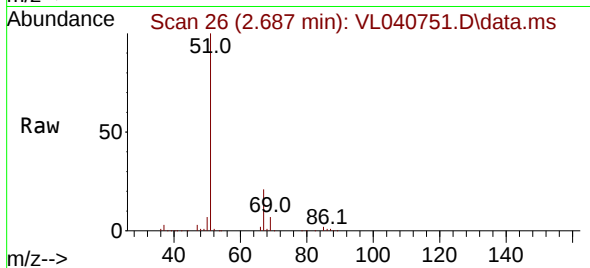
67 20.9 16.7 25.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#4

Chloromethane

Concen: 10.243 ppbv

RT: 2.825 min Scan# 69

Delta R.T. 0.010 min

Lab File: VL040751.D

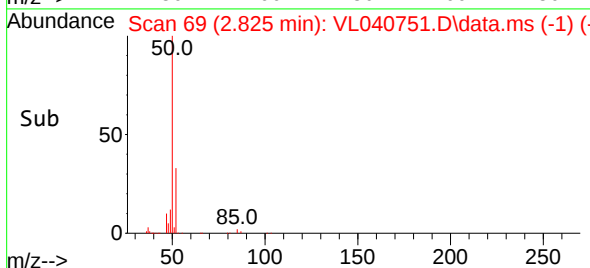
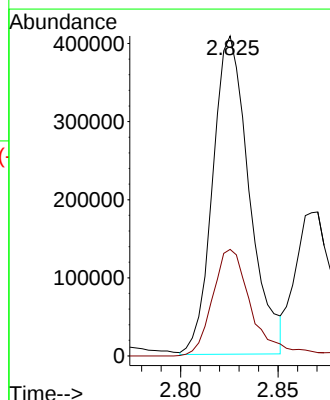
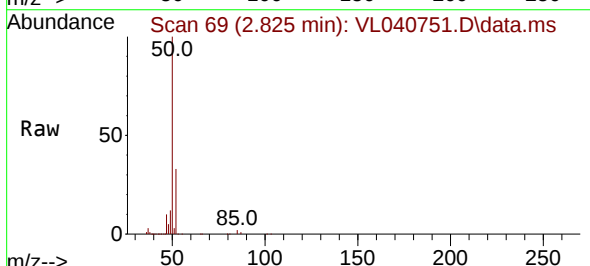
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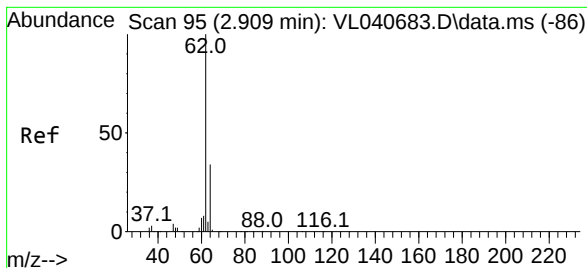
Tgt Ion: 50 Resp: 532357

Ion Ratio Lower Upper

50 100

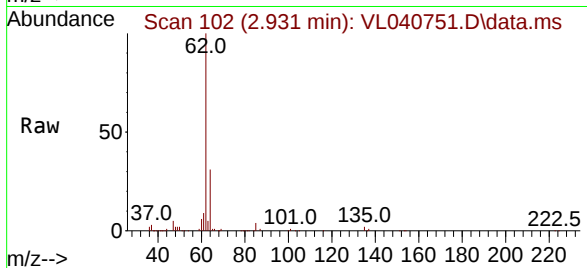
52 33.5 27.1 40.7





#5
 Vinyl Chloride
 Concen: 10.269 ppbv
 RT: 2.931 min Scan# 102
 Delta R.T. 0.007 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

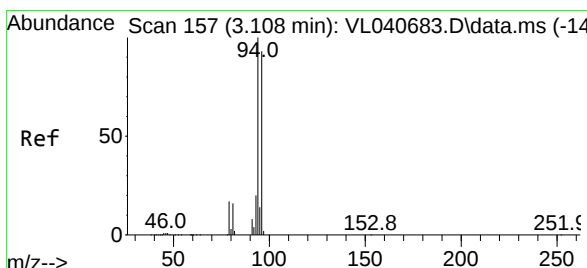
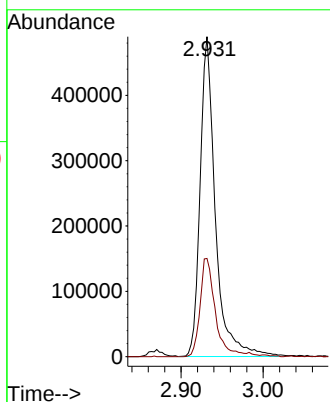
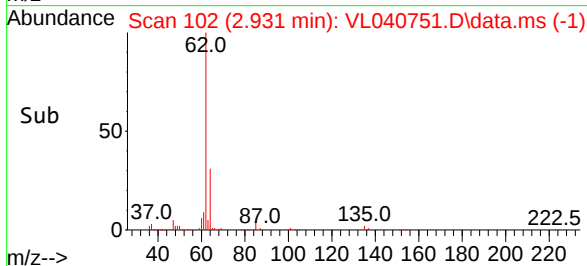
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



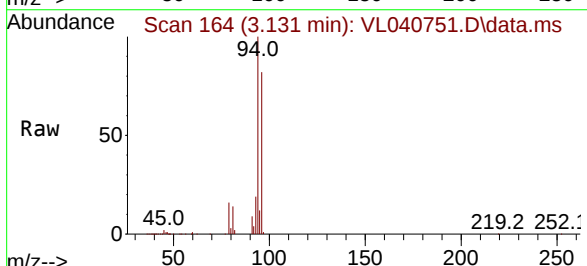
Tgt Ion: 62 Resp: 63075
 Ion Ratio Lower Upper
 62 100
 64 30.7 27.2 40.8

Manual Integrations
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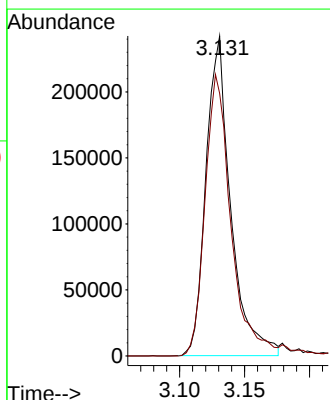
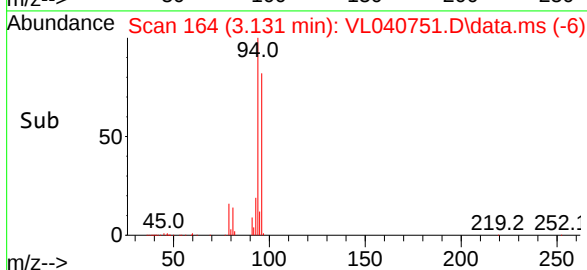
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

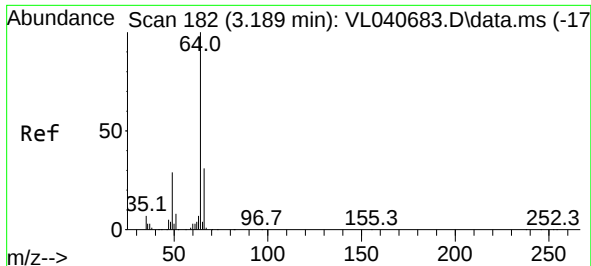


#6
 Bromomethane
 Concen: 10.833 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.007 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12



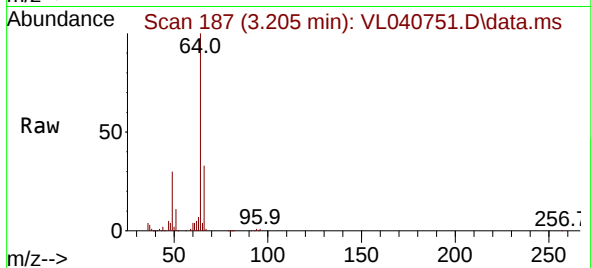
Tgt Ion: 94 Resp: 321029
 Ion Ratio Lower Upper
 94 100
 96 82.2 74.4 111.6





#7
Chloroethane
Concen: 10.637 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

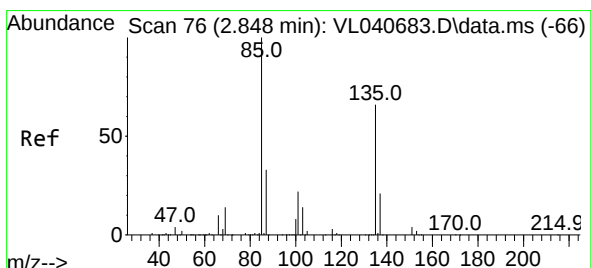
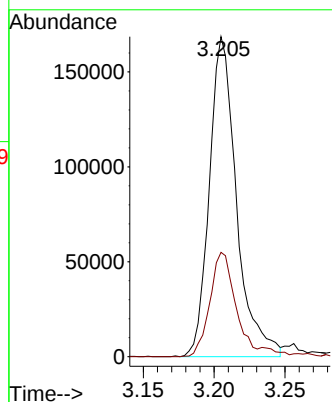
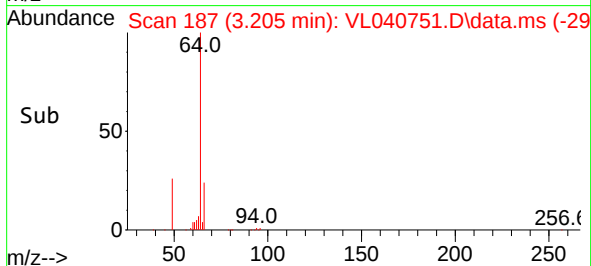
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 22440
Ion Ratio Lower Upper
64 100
66 32.6 24.5 36.7

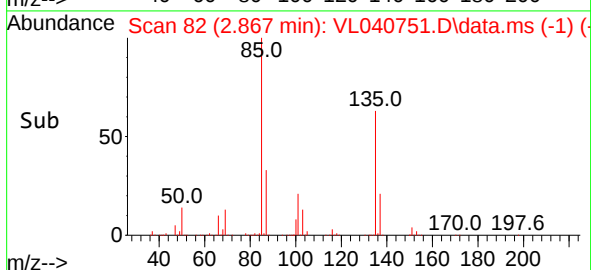
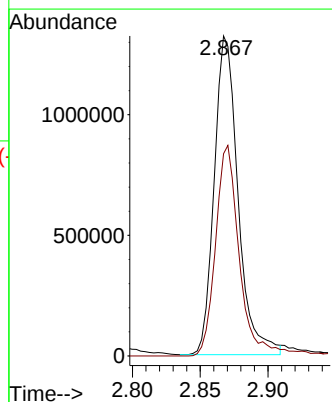
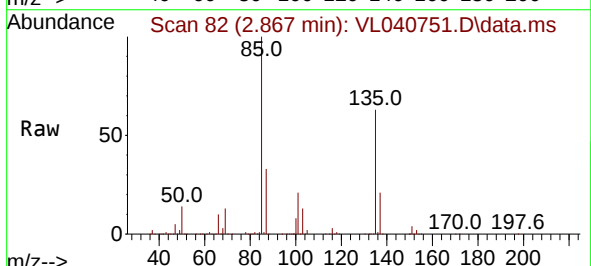
Manual Integrations
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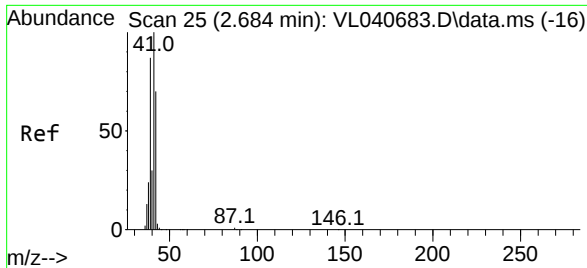
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#8
Dichlorotetrafluoroethane
Concen: 10.686 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.007 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 85 Resp: 1619643
Ion Ratio Lower Upper
85 100
135 67.8 53.4 80.2





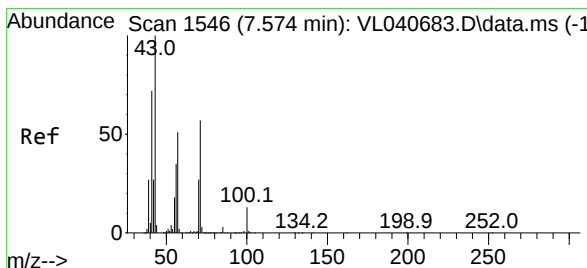
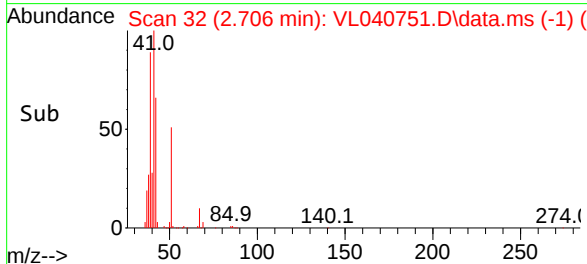
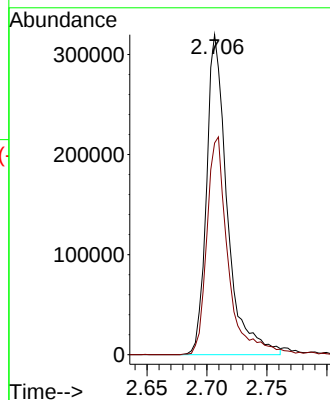
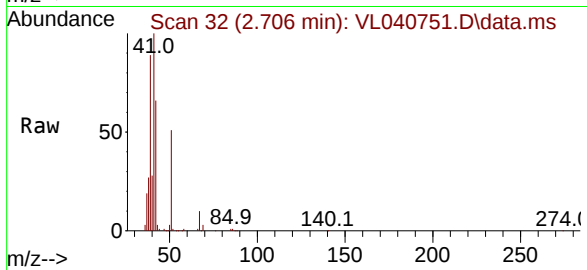
#9
 Propene
 Concen: 9.861 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 385644
 Ion Ratio Lower Upper
 41 100
 42 70.8 56.7 85.1

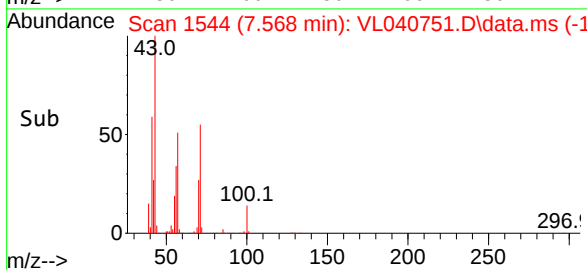
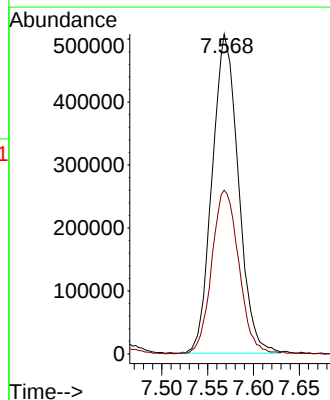
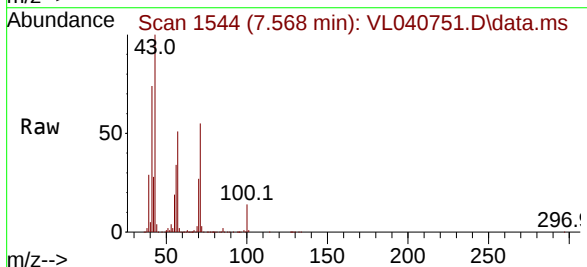
Manual Integrations
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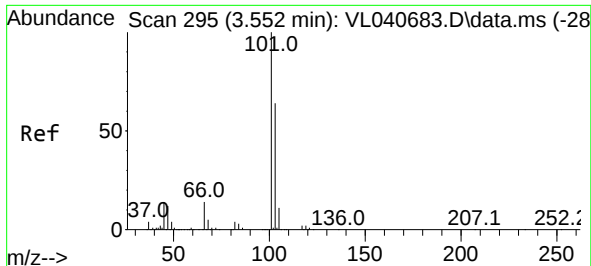
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#10
 Heptane
 Concen: 11.449 ppbv
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.019 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

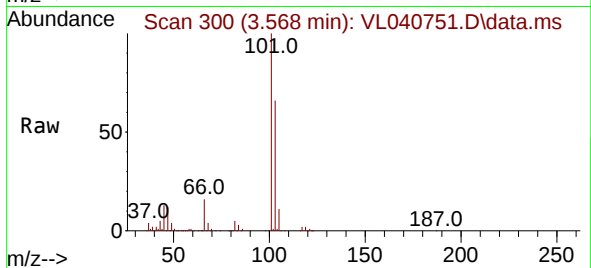
Tgt Ion: 43 Resp: 1008929
 Ion Ratio Lower Upper
 43 100
 57 53.2 41.8 62.6





#11
Trichlorofluoromethane
Concen: 11.523 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

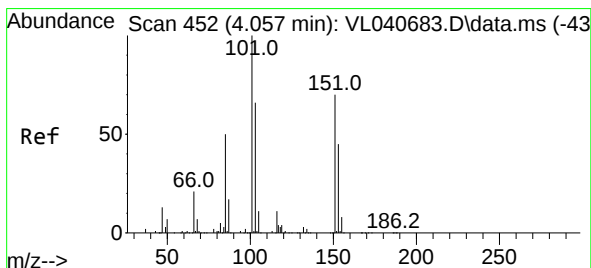
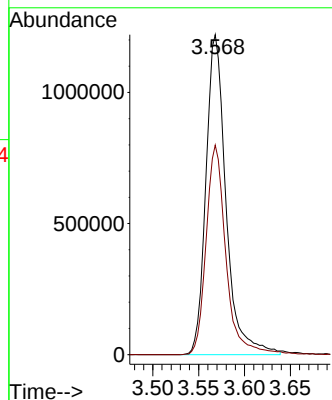
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 185983
Ion Ratio Lower Upper
101 100
103 65.5 51.3 76.9

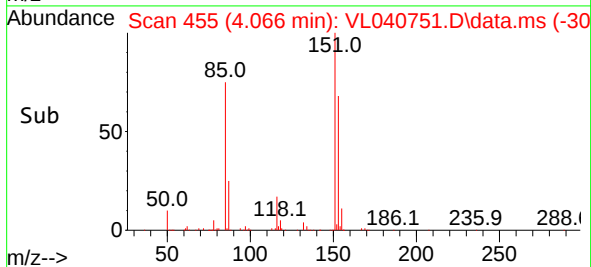
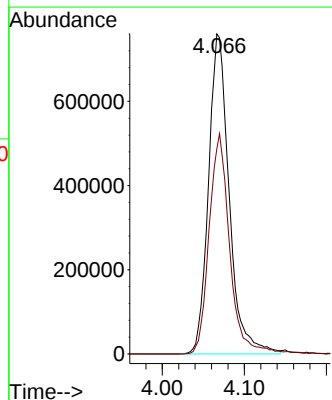
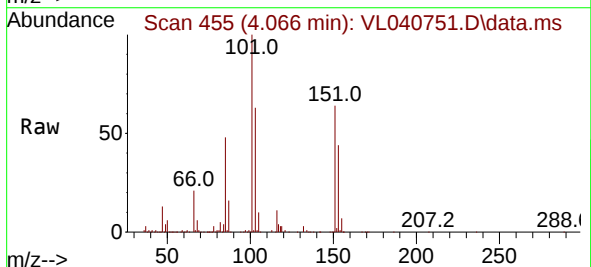
Manual Integrations
APPROVED

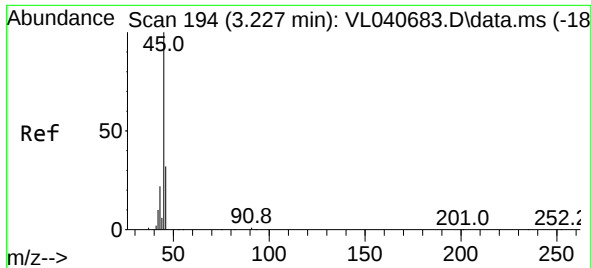
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.512 ppbv
RT: 4.066 min Scan# 455
Delta R.T. -0.006 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

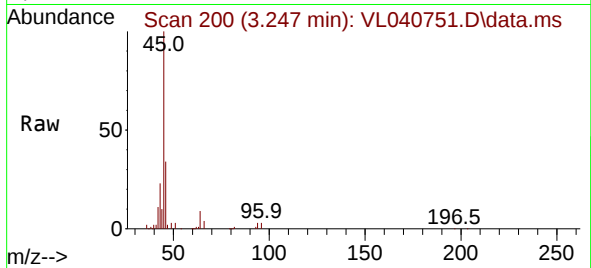
Tgt Ion:101 Resp: 1329117
Ion Ratio Lower Upper
101 100
151 68.8 56.8 85.2





#13
Ethanol
Concen: 8.502 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

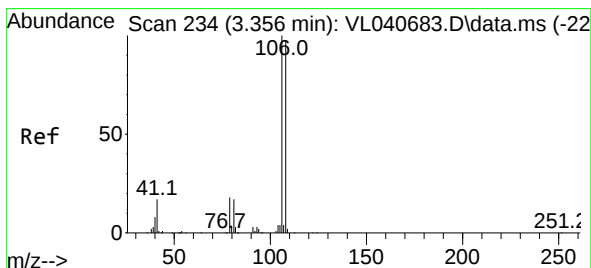
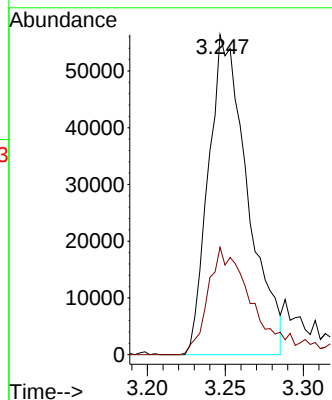
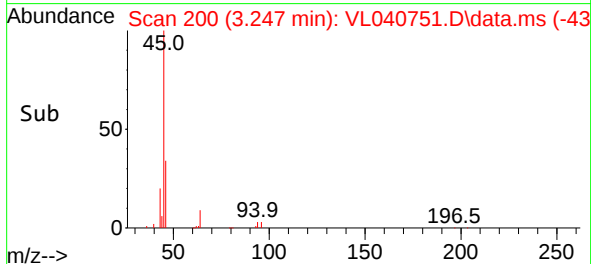
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



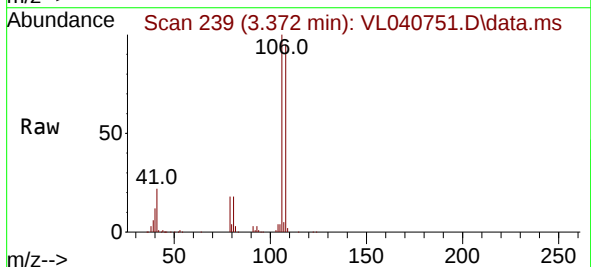
Tgt Ion: 45 Resp: 9841
Ion Ratio Lower Upper
45 100
46 42.1 15.2 61.0

Manual Integrations
APPROVED

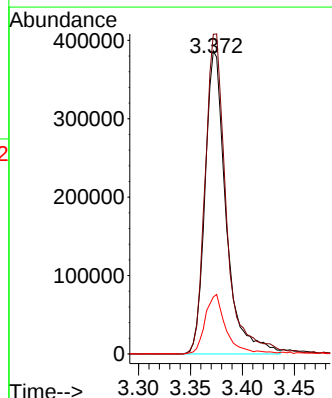
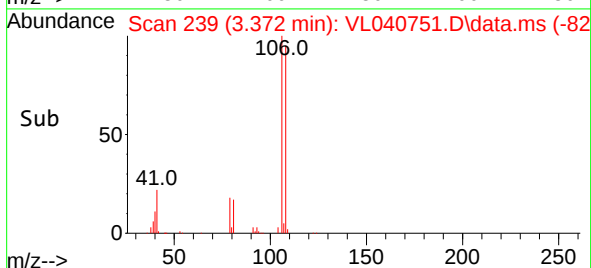
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

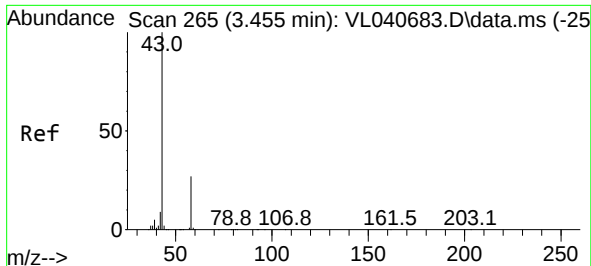


#14
Bromoethene
Concen: 11.196 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



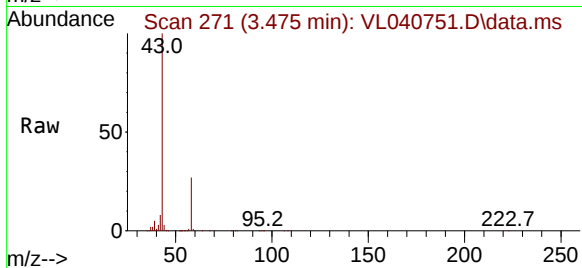
Tgt Ion:108 Resp: 542189
Ion Ratio Lower Upper
108 100
106 107.5 86.0 129.0
79 20.5 15.6 23.4





#15
Acetone
Concen: 9.842 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

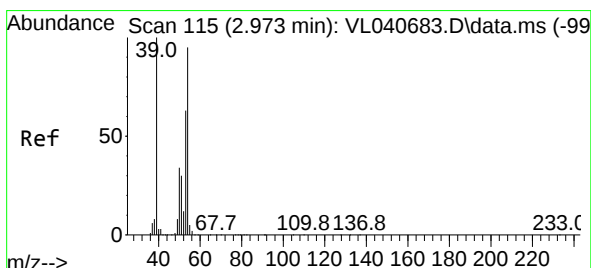
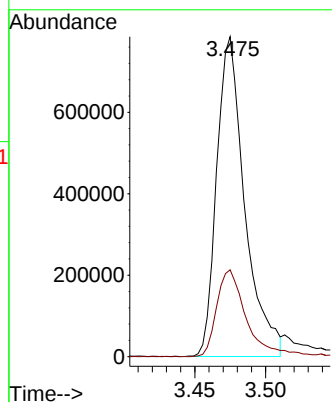
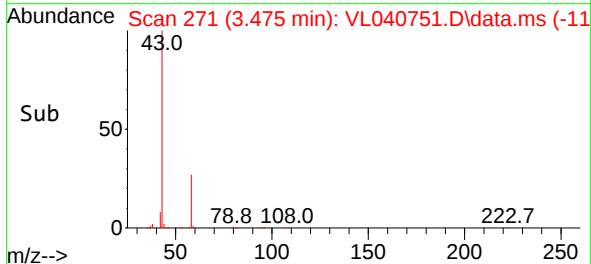
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



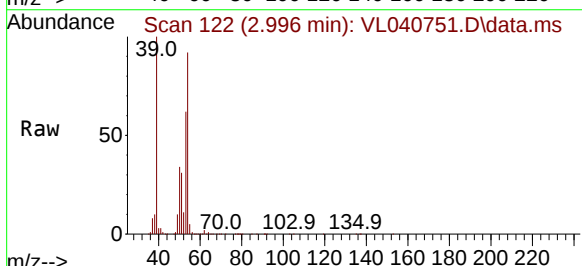
Tgt Ion: 43 Resp: 1081724
Ion Ratio Lower Upper
43 100
58 29.1 22.6 34.0

Manual Integrations
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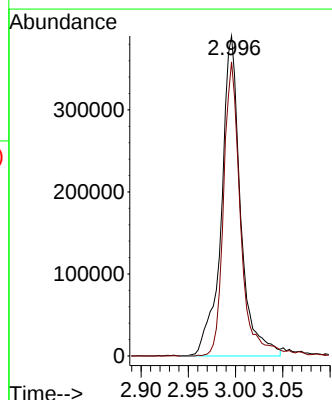
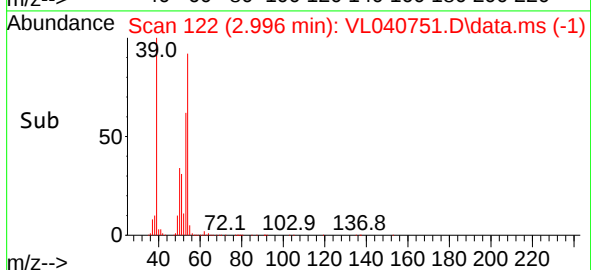
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

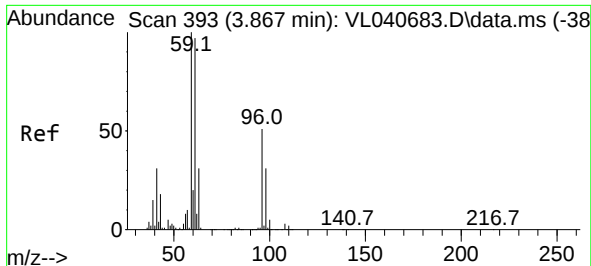


#16
1,3-Butadiene
Concen: 11.536 ppbv
RT: 2.996 min Scan# 122
Delta R.T. 0.007 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



Tgt Ion: 39 Resp: 552595
Ion Ratio Lower Upper
39 100
54 82.3 64.8 97.2





#17

tert-Butyl alcohol

Concen: 11.032 ppbv

RT: 3.880 min Scan# 397

Delta R.T. -0.003 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 1242049

Ion Ratio Lower Upper

59 100

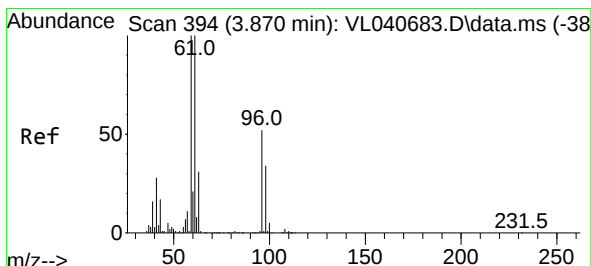
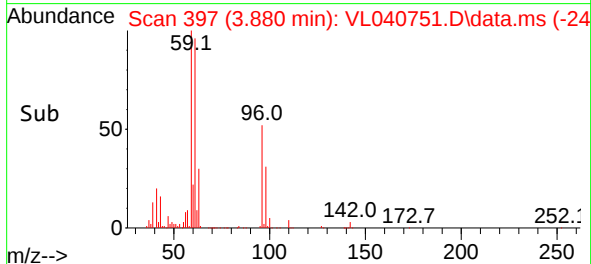
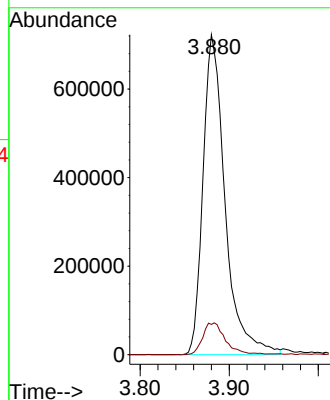
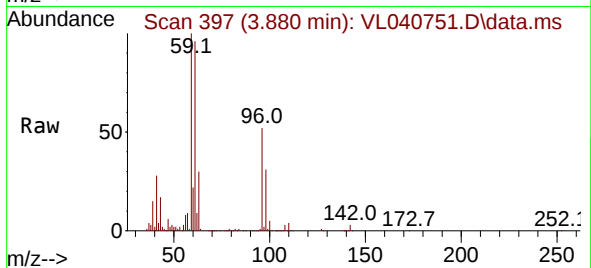
57 10.6 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#18

1,1-Dichloroethene

Concen: 11.675 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

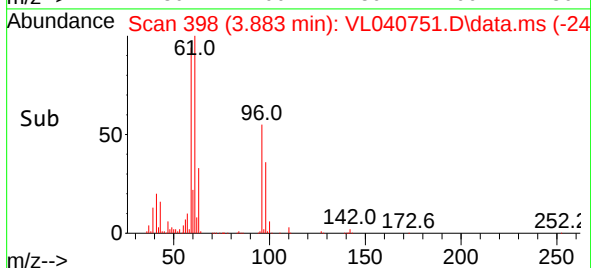
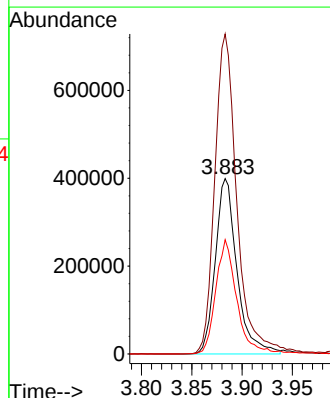
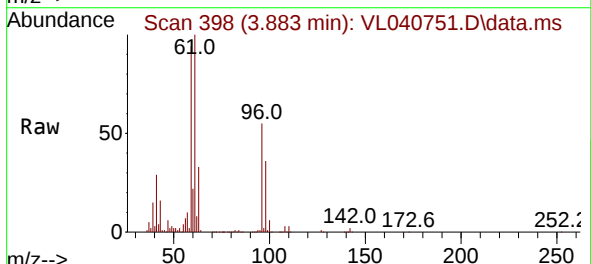
Tgt Ion: 96 Resp: 599118

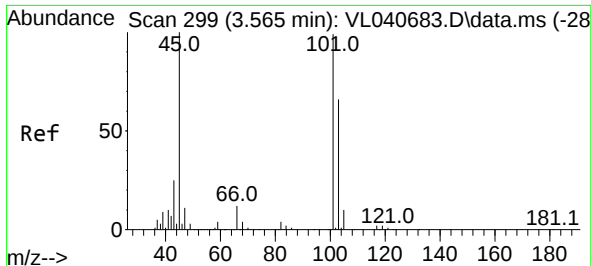
Ion Ratio Lower Upper

96 100

61 182.4 153.6 230.4

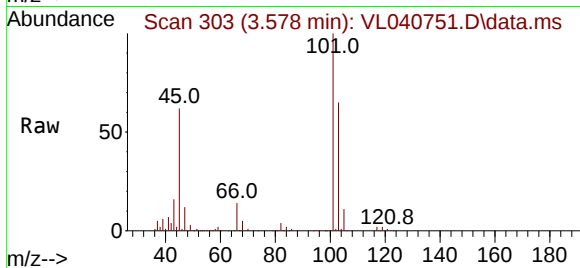
98 65.1 51.9 77.9





#19
Isopropyl Alcohol
Concen: 10.859 ppbv
RT: 3.578 min Scan# 303
Delta R.T. 0.000 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

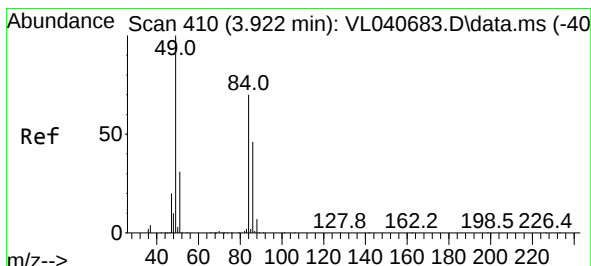
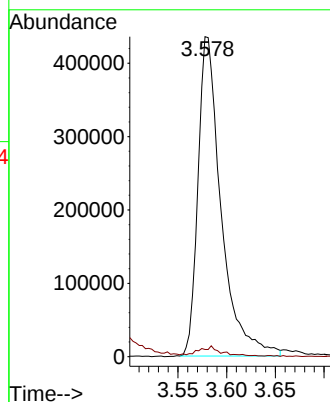
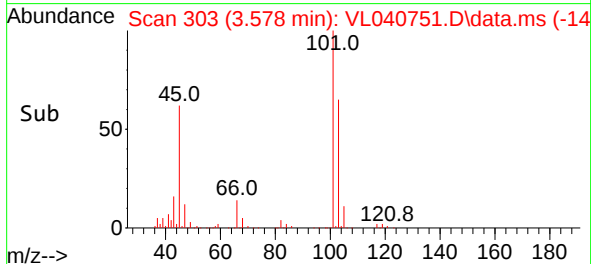
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



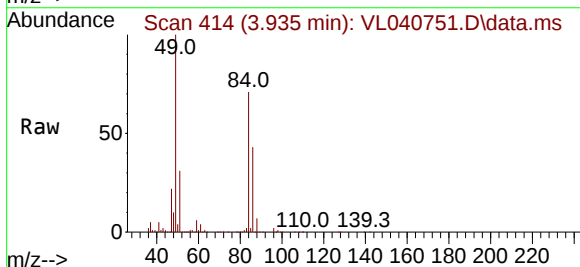
Tgt Ion: 45 Resp: 71914
Ion Ratio Lower Upper
45 100
58 4.0 1.9 2.9

Manual Integrations
APPROVED

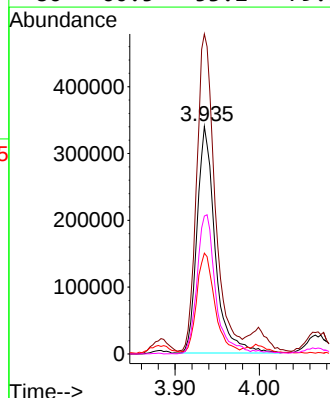
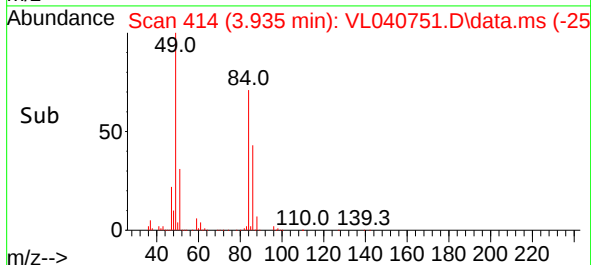
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

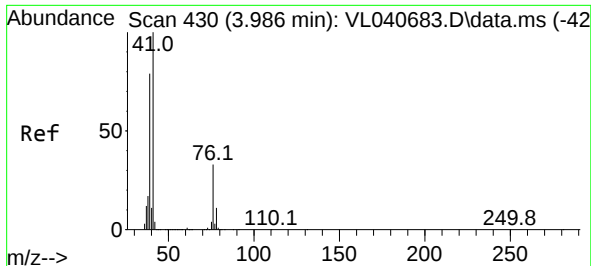


#20
Methylene Chloride
Concen: 8.594 ppbv
RT: 3.935 min Scan# 414
Delta R.T. -0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



Tgt Ion: 84 Resp: 508394
Ion Ratio Lower Upper
84 100
49 139.6 114.4 171.6
51 43.5 35.5 53.3
86 60.5 53.2 79.8





#21

Allyl Chloride

Concen: 11.431 ppbv

RT: 3.999 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040751.D

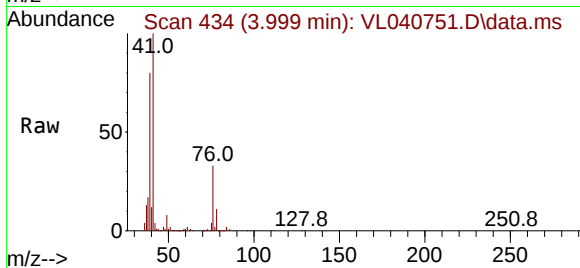
Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

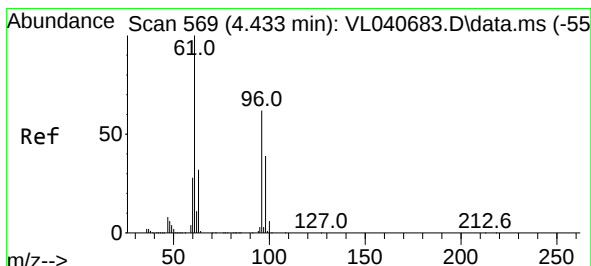
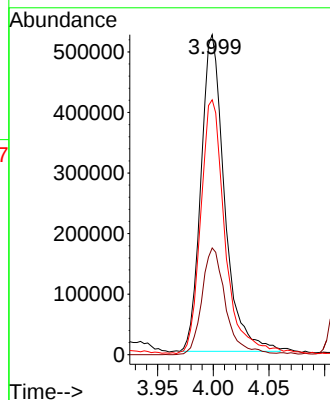
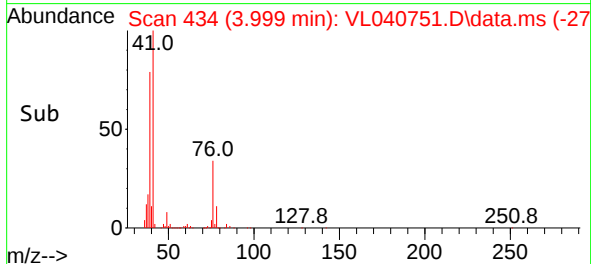


Tgt Ion: 41	Resp: 76999
Ion Ratio	Lower Upper
41	100
76	34.2 26.6 40.0
39	83.1 65.0 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#22

trans-1,2-Dichloroethene

Concen: 11.850 ppbv

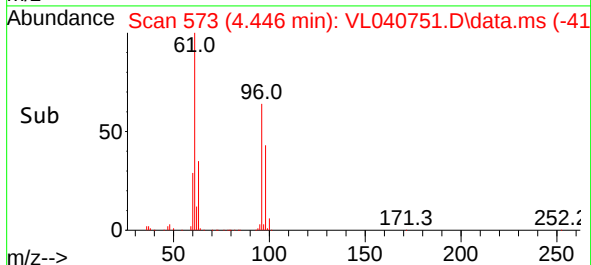
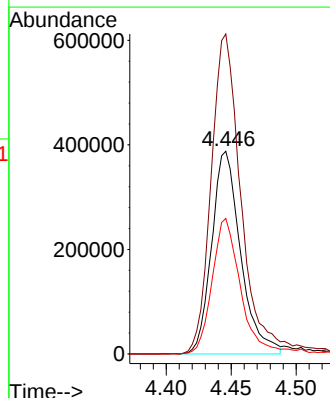
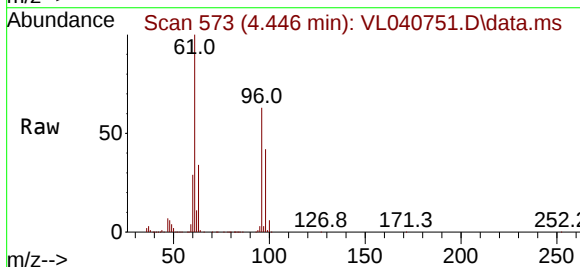
RT: 4.446 min Scan# 573

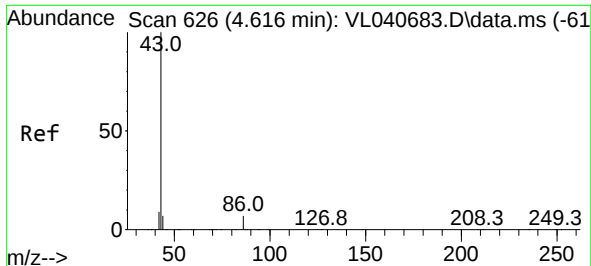
Delta R.T. -0.006 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

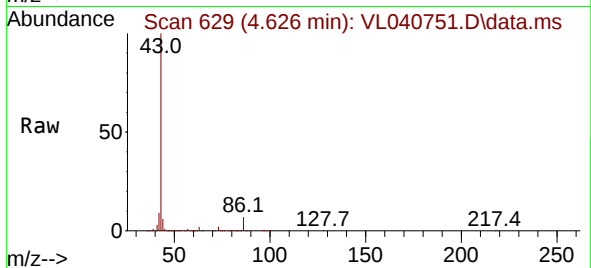
Tgt Ion: 96	Resp: 601283
Ion Ratio	Lower Upper
96	100
61	157.9 129.9 194.9
98	66.8 50.2 75.4





#23
 Vinyl Acetate
 Concen: 12.110 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

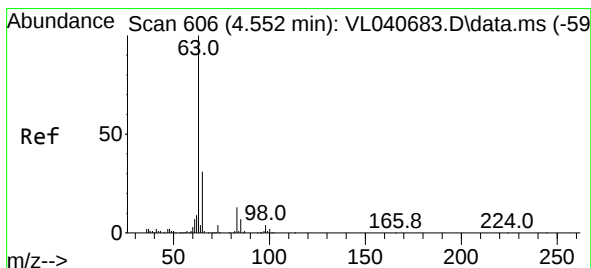
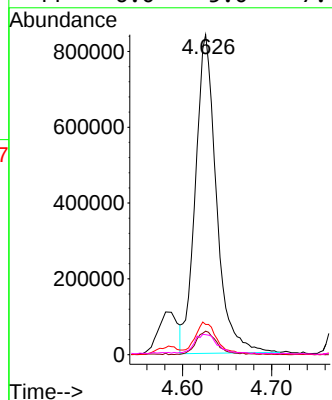
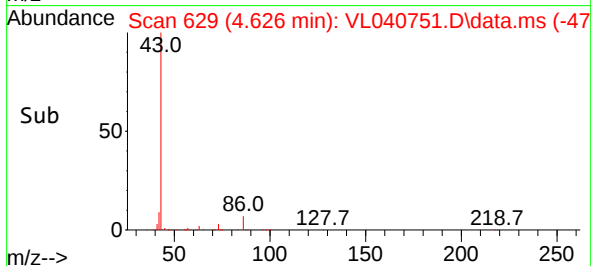
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



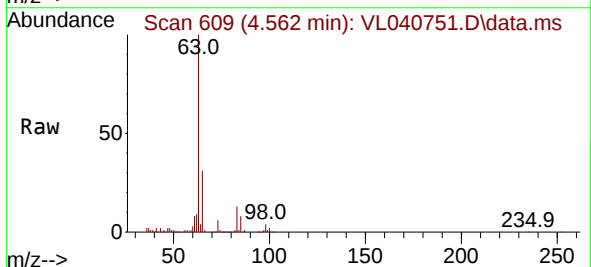
Tgt Ion: 43 Resp: 1376564
 Ion Ratio Lower Upper
 43 100
 86 7.4 5.6 8.4
 42 9.3 7.6 11.4
 44 6.0 5.0 7.4

Manual Integrations
 APPROVED

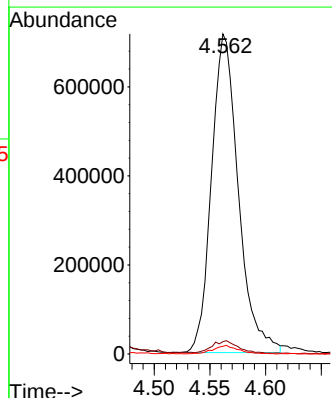
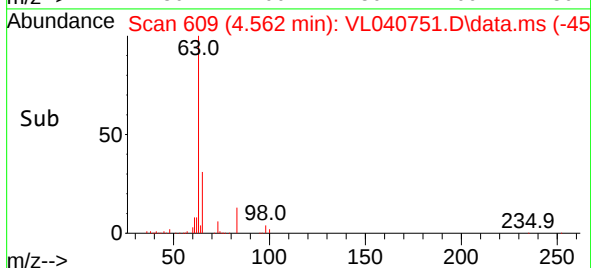
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

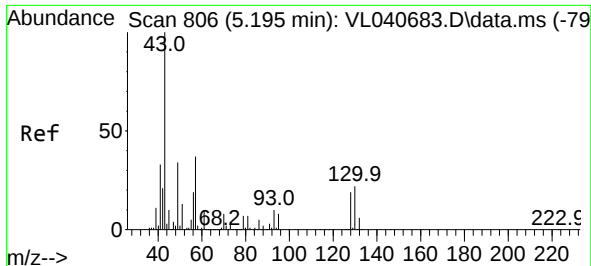


#24
 1,1-Dichloroethane
 Concen: 11.277 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.006 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12



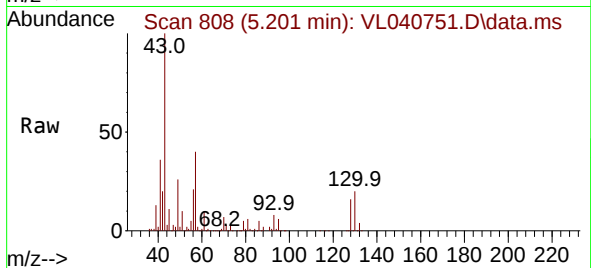
Tgt Ion: 63 Resp: 1199600
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.5
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 10.631 ppbv
RT: 5.201 min Scan# 806
Delta R.T. -0.010 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

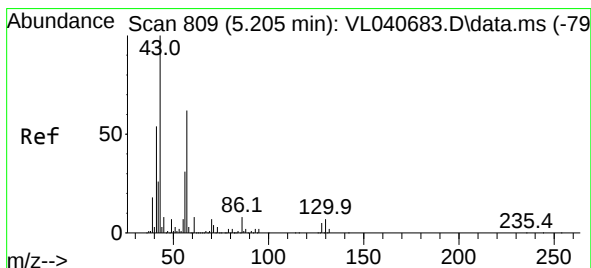
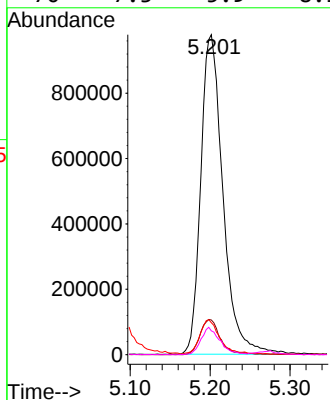
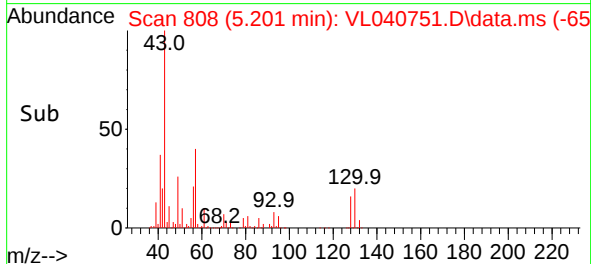
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



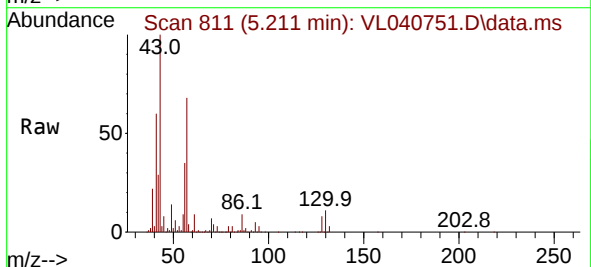
Tgt Ion: 43 Resp: 1884520
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.2 8.2 12.4
70 7.3 5.9 8.9

Manual Integrations
APPROVED

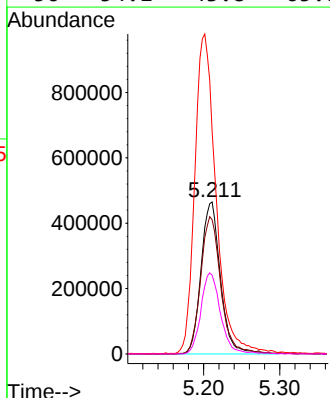
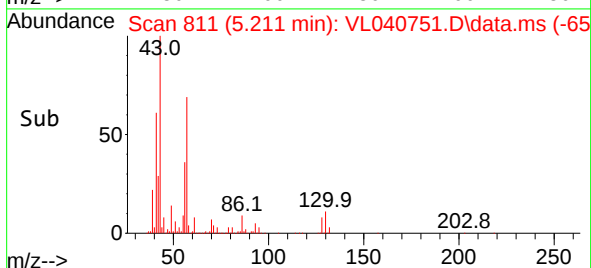
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

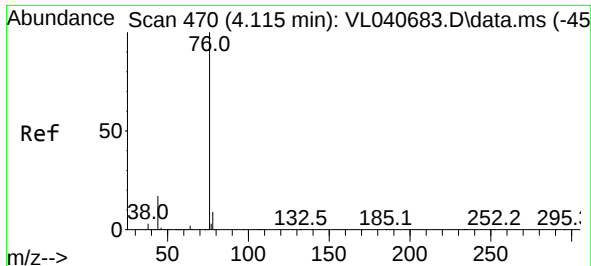


#26
Hexane
Concen: 9.836 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



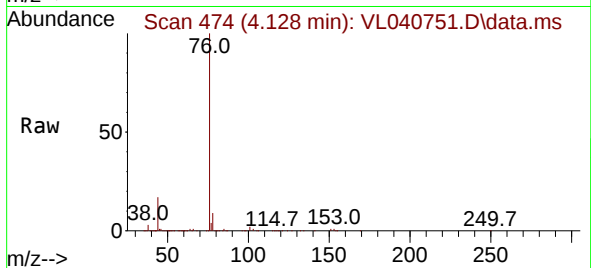
Tgt Ion: 57 Resp: 824499
Ion Ratio Lower Upper
57 100
41 94.7 75.2 112.8
43 230.8 185.6 278.4
56 54.1 43.8 65.8





#27
Carbon Disulfide
Concen: 12.518 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

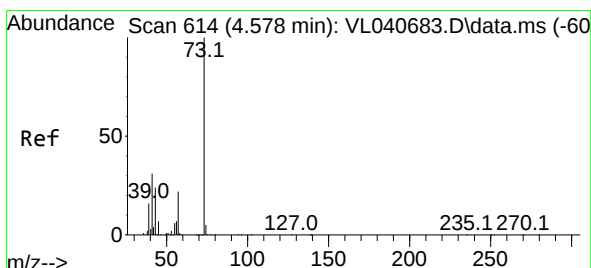
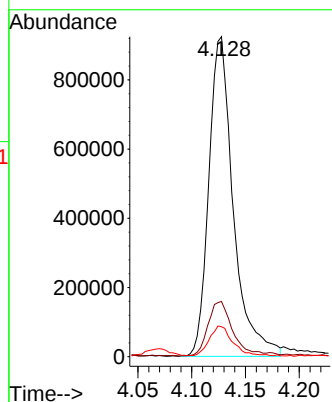
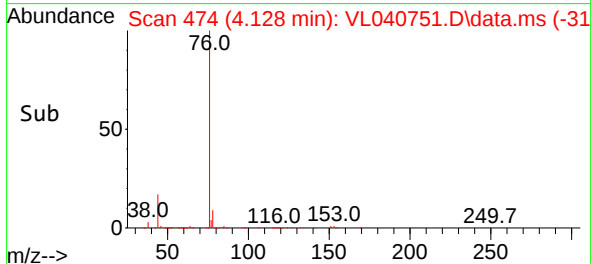
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 146326
Ion Ratio Lower Upper
76 100
44 17.2 14.5 21.7
78 9.7 7.7 11.5

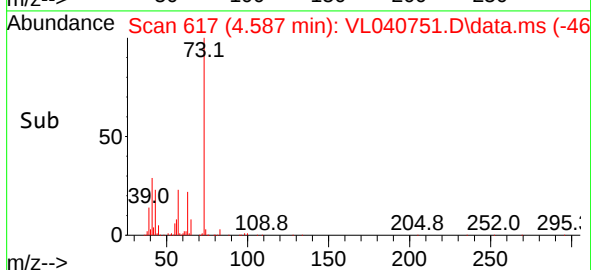
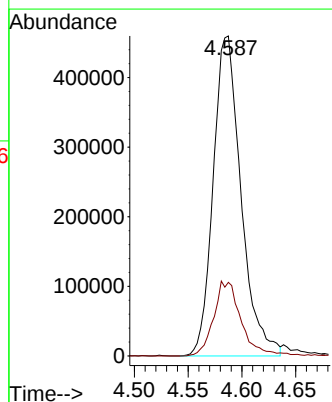
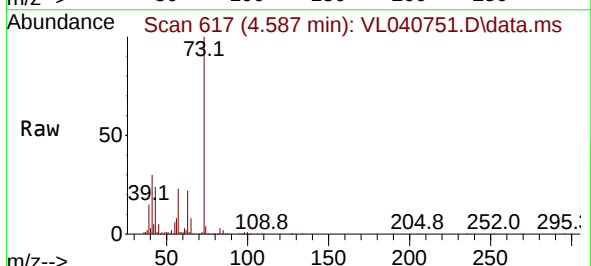
Manual Integrations
APPROVED

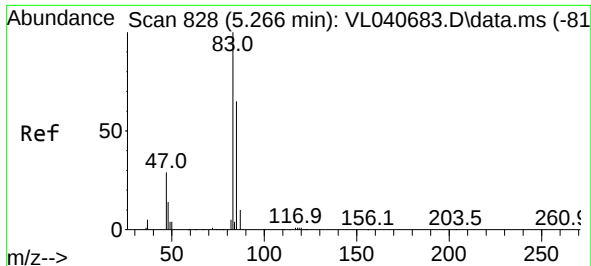
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#28
Methyl tert-Butyl Ether
Concen: 11.480 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.003 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 73 Resp: 827935
Ion Ratio Lower Upper
73 100
57 23.3 18.8 28.2





#29

Chloroform

Concen: 10.706 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.010 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 1549390

Ion Ratio Lower Upper

83 100

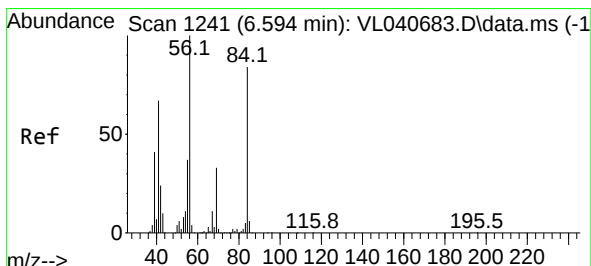
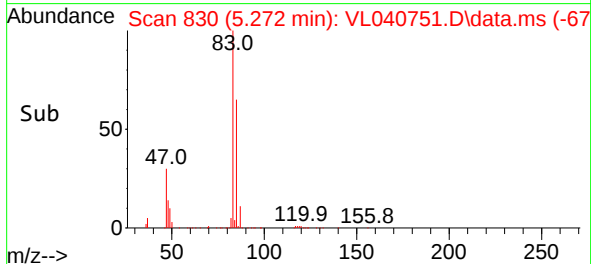
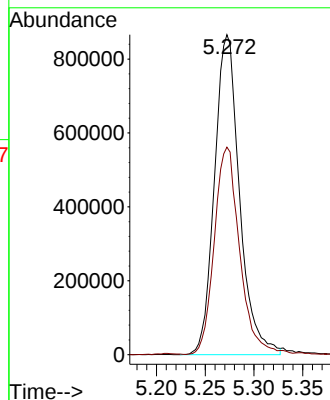
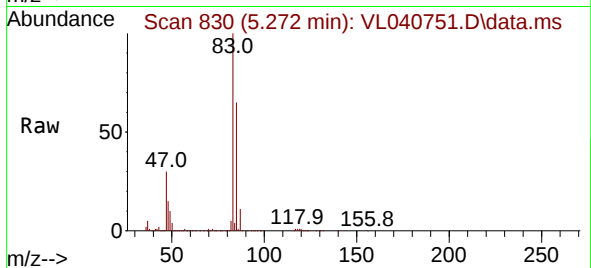
85 64.6 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#30

Cyclohexane

Concen: 11.185 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. -0.016 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

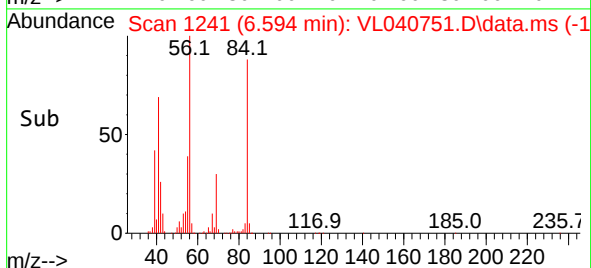
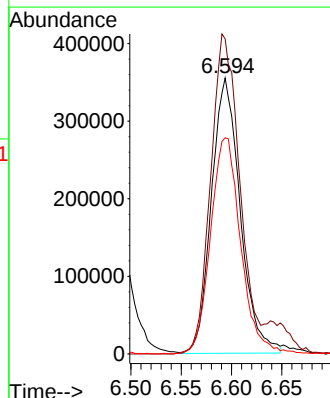
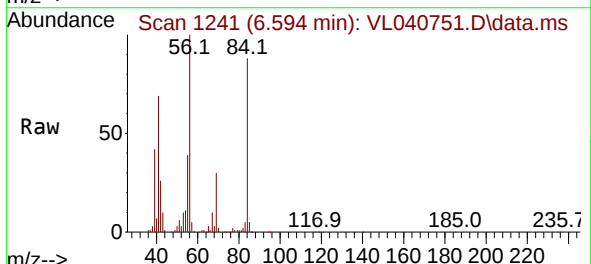
Tgt Ion: 84 Resp: 706053

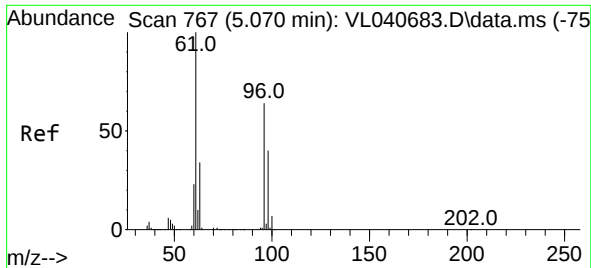
Ion Ratio Lower Upper

84 100

56 127.7 103.2 154.8

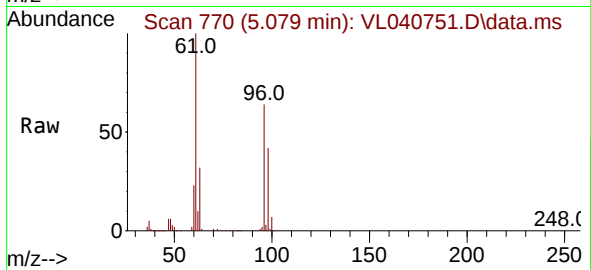
41 82.8 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 11.088 ppbv
 RT: 5.079 min Scan# 767
 Delta R.T. -0.006 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

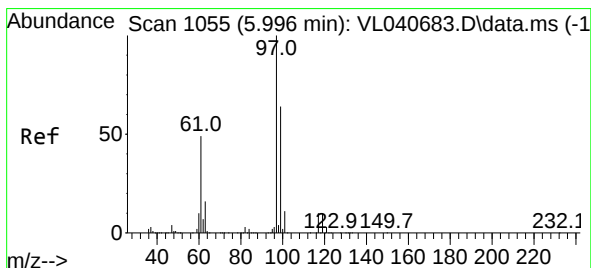
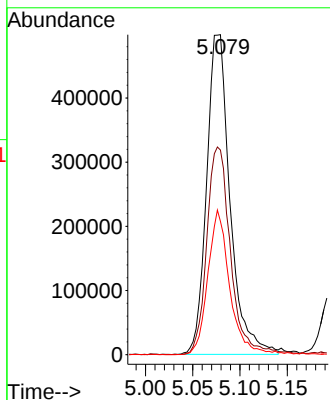
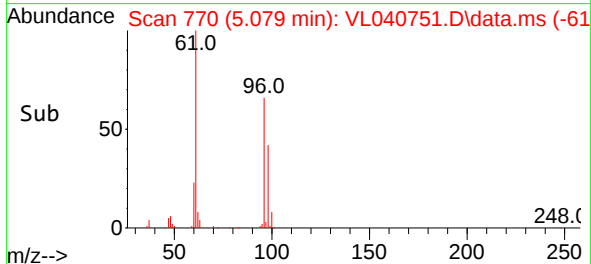
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 862300
 Ion Ratio Lower Upper
 61 100
 96 63.9 51.2 76.8
 98 41.6 32.3 48.5

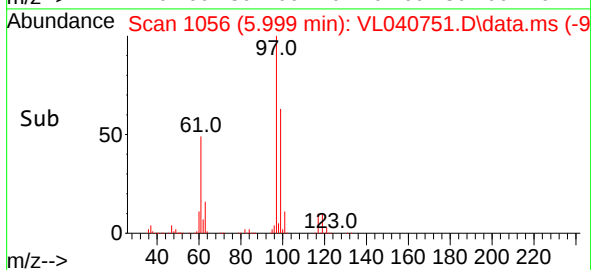
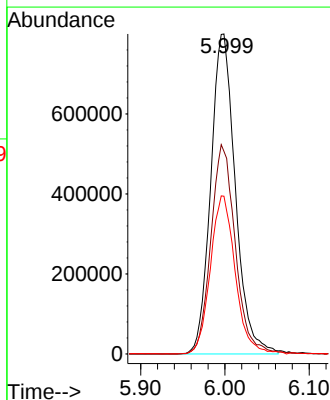
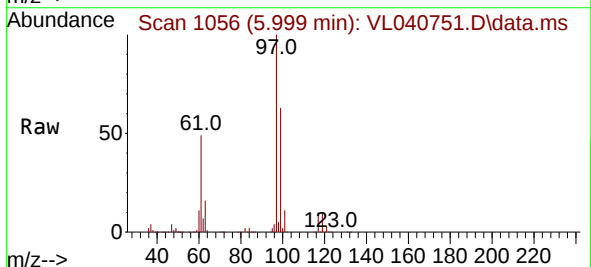
Manual Integrations
 APPROVED

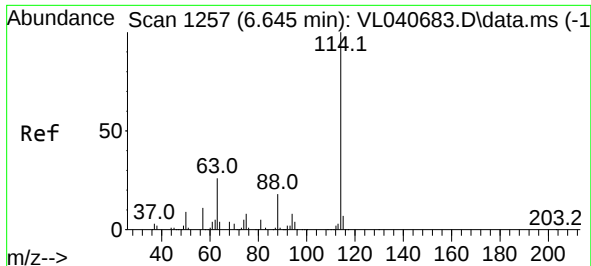
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.968 ppbv
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.013 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

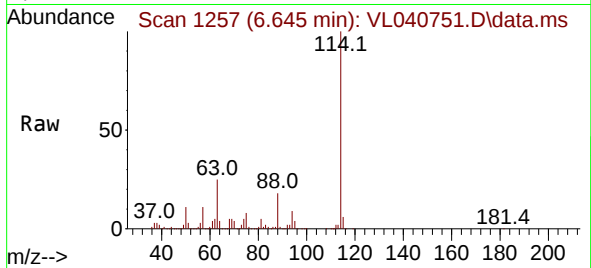
Tgt Ion: 97 Resp: 1622874
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.4 78.6
 61 50.2 40.2 60.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

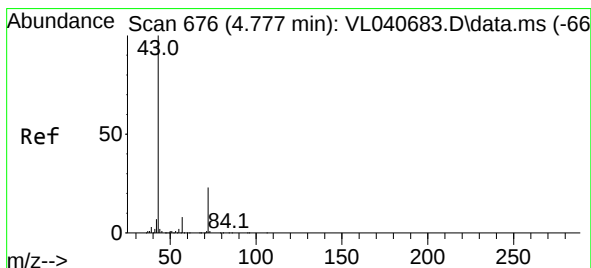
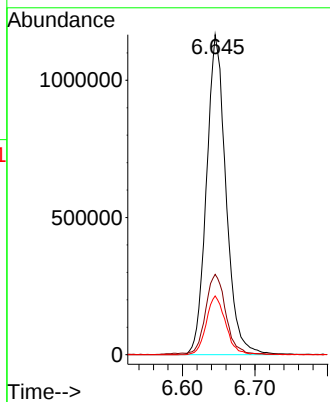
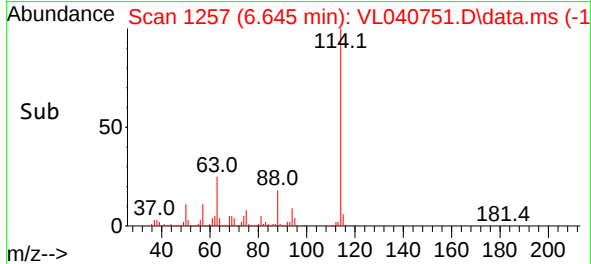
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 217630
Ion Ratio Lower Upper
114 100
63 26.9 21.1 31.7
88 18.4 14.5 21.7

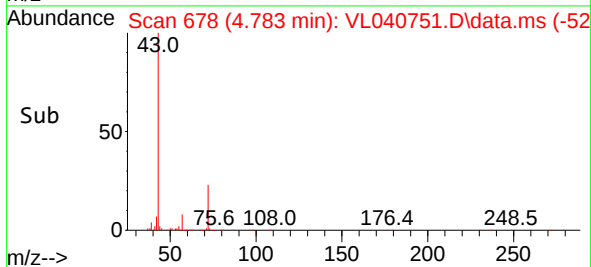
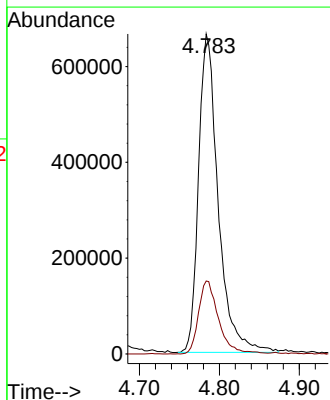
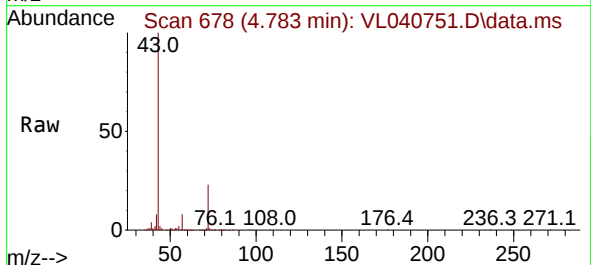
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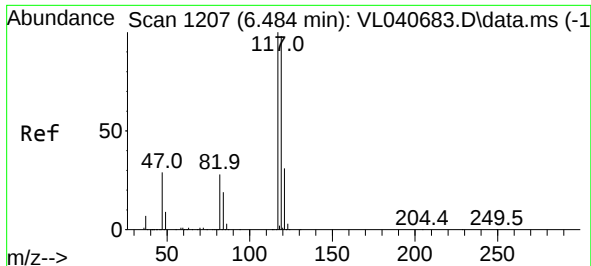
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#34
2-Butanone
Concen: 10.404 ppbv
RT: 4.783 min Scan# 678
Delta R.T. -0.006 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

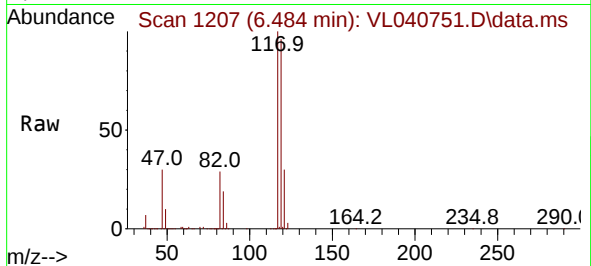
Tgt Ion: 43 Resp: 1138721
Ion Ratio Lower Upper
43 100
72 23.6 18.6 27.8





#35
Carbon Tetrachloride
Concen: 11.706 ppbv
RT: 6.484 min Scan# 117
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

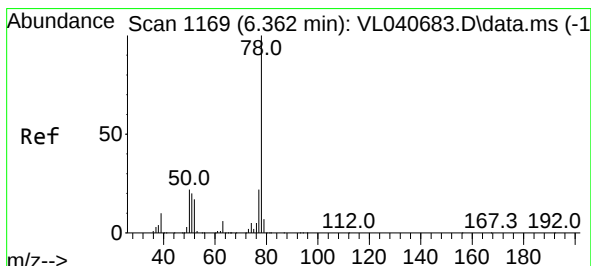
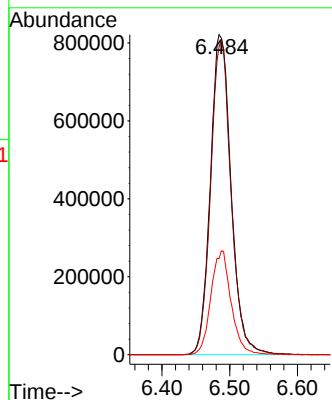
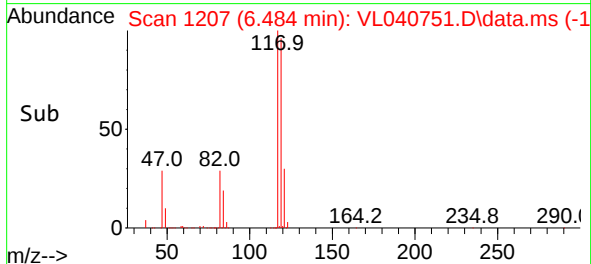
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 174931
Ion Ratio Lower Upper
117 100
119 96.2 78.6 117.8
121 30.1 24.7 37.1

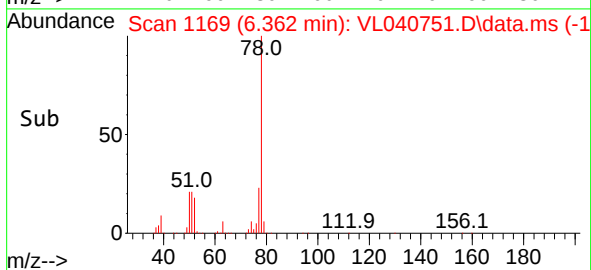
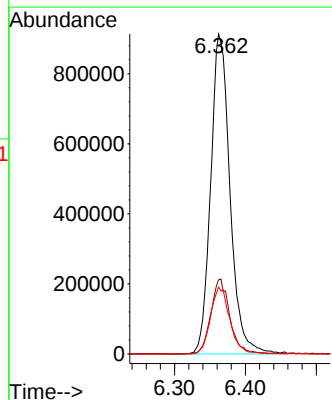
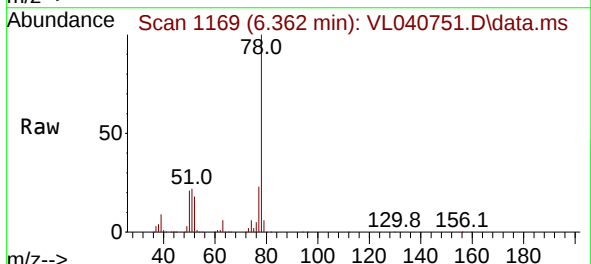
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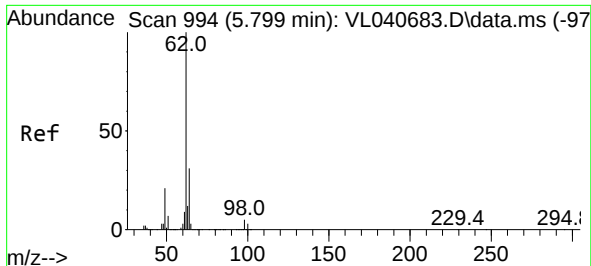
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#36
Benzene
Concen: 10.738 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 78 Resp: 1730552
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9
50 20.9 17.3 25.9





#37

1,2-Dichloroethane

Concen: 11.006 ppbv

RT: 5.803 min Scan# 994

Delta R.T. -0.013 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 62 Resp: 121390

Ion Ratio Lower Upper

62 100

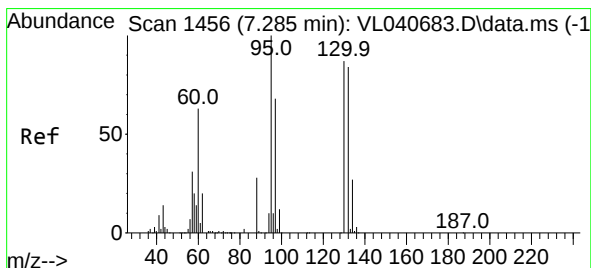
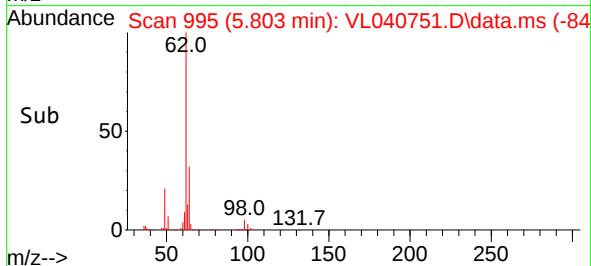
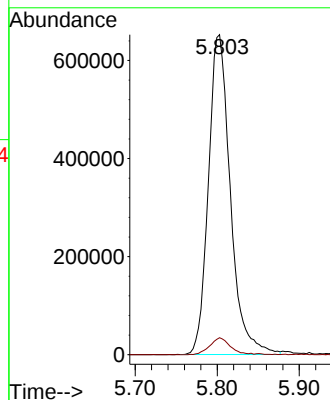
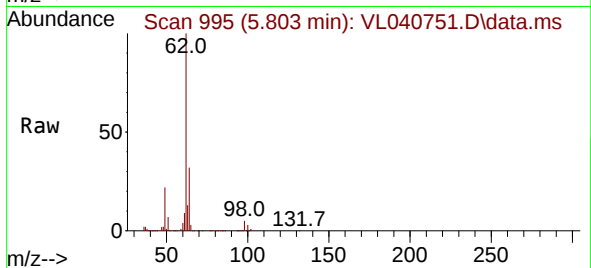
98 5.1 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Trichloroethene

Concen: 12.136 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.019 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion:130 Resp: 745856

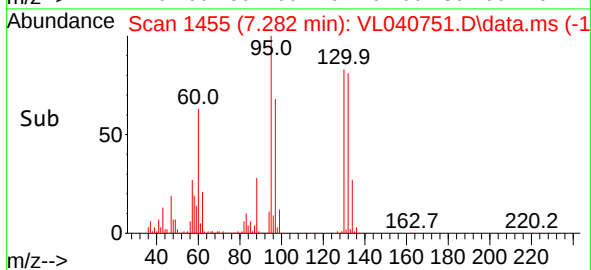
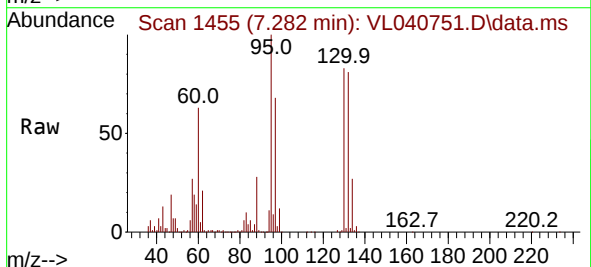
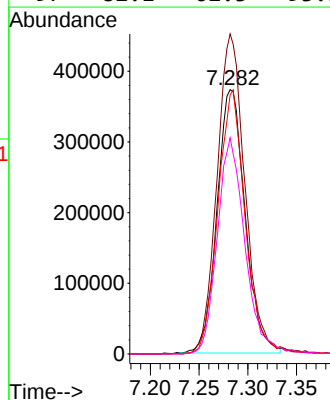
Ion Ratio Lower Upper

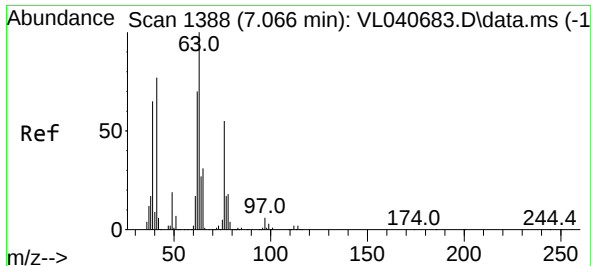
130 100

95 121.4 91.9 137.9

132 98.2 77.3 115.9

97 82.1 62.3 93.5





#39

1,2-Dichloropropane

Concen: 10.546 ppbv

RT: 7.066 min Scan# 1388

Delta R.T. -0.016 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 65420

Ion Ratio Lower Upper

63 100

41 79.4 61.6 92.4

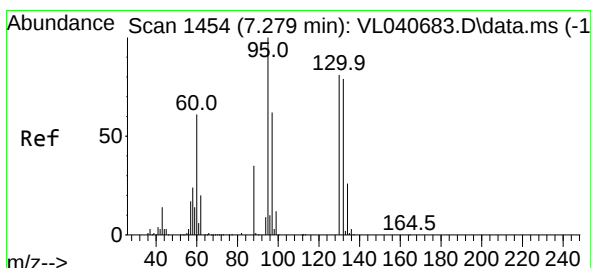
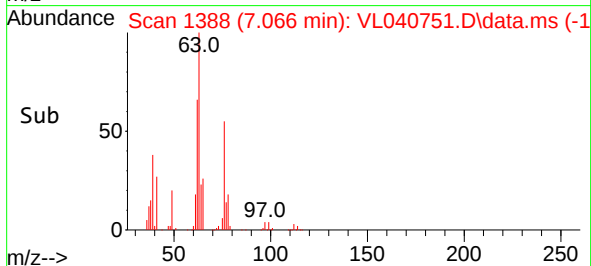
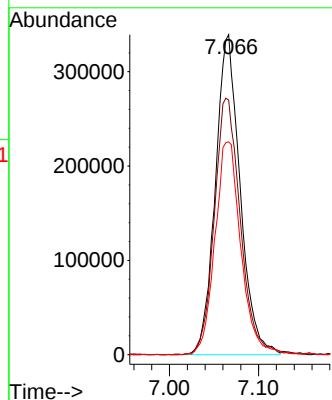
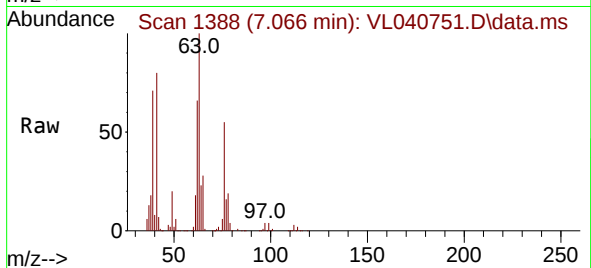
62 66.4 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#40

1,4-Dioxane

Concen: 11.865 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.019 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion: 88 Resp: 278255

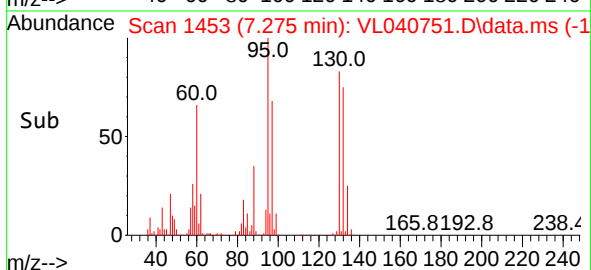
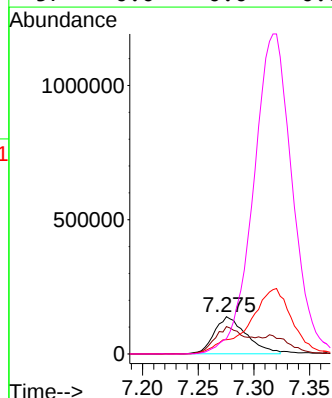
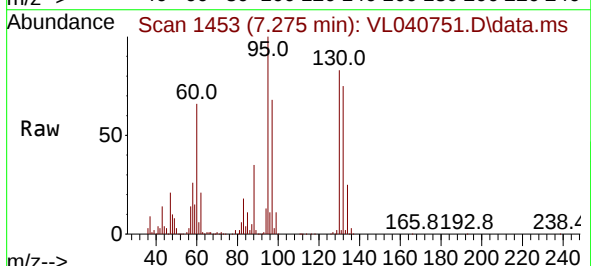
Ion Ratio Lower Upper

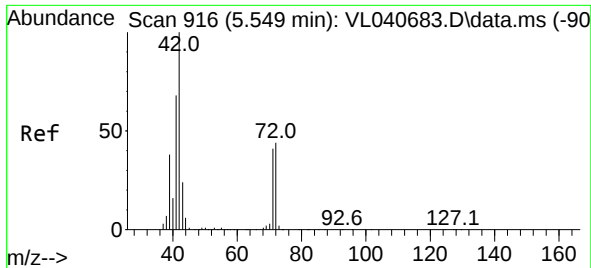
88 100

58 119.9 92.7 139.1

43 0.0 0.0 0.0

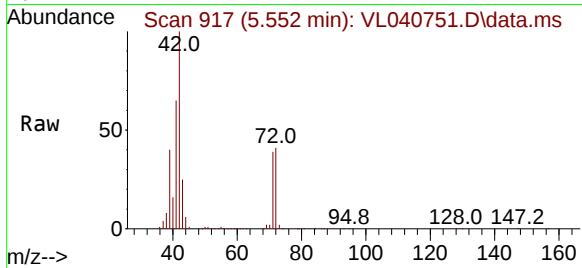
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.897 ppbv
RT: 5.552 min Scan# 916
Delta R.T. -0.010 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

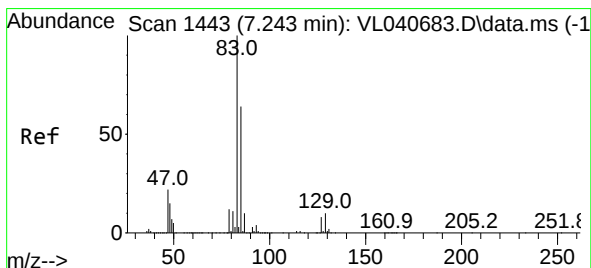
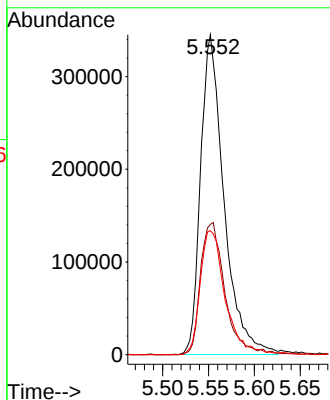
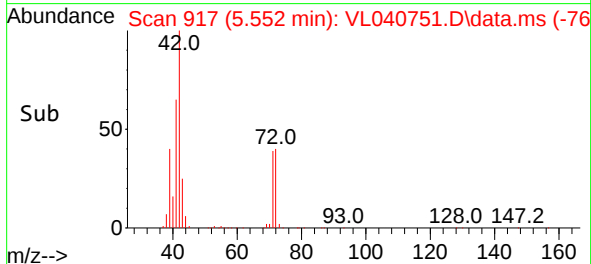
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



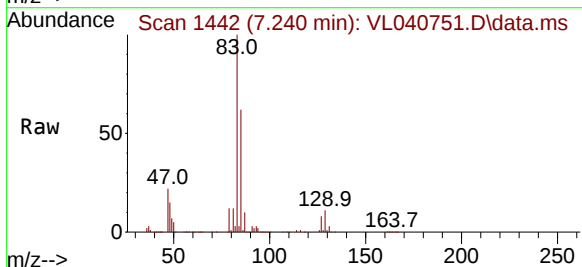
Tgt Ion: 42 Resp: 611560
Ion Ratio Lower Upper
42 100
72 43.5 34.9 52.3
71 41.9 33.8 50.8

Manual Integrations
APPROVED

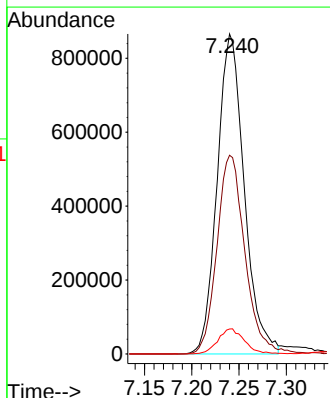
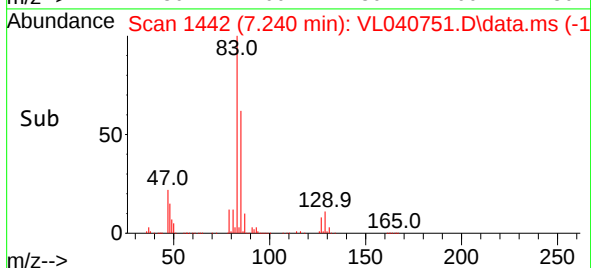
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

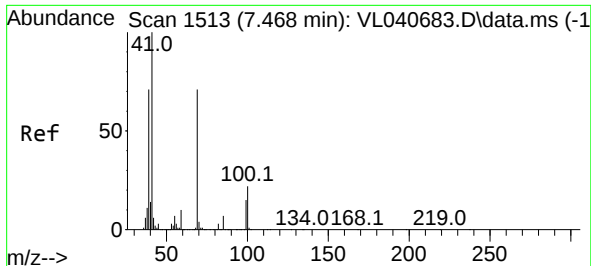


#42
Bromodichloromethane
Concen: 11.450 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



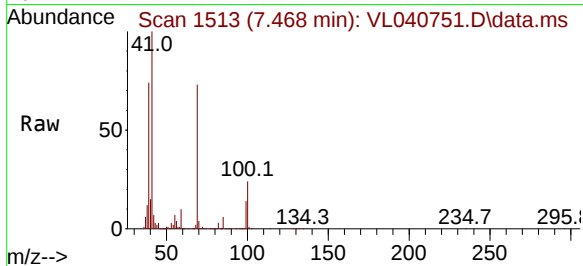
Tgt Ion: 83 Resp: 1723149
Ion Ratio Lower Upper
83 100
85 62.1 51.2 76.8
127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 12.127 ppbv m
RT: 7.468 min Scan# 1513
Delta R.T. -0.013 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

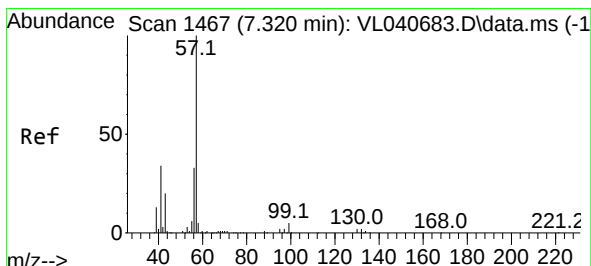
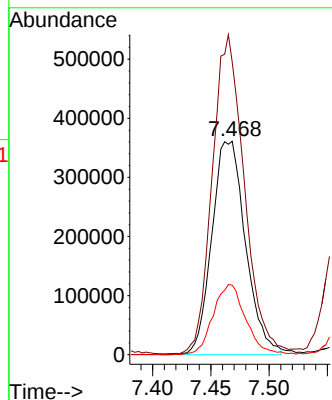
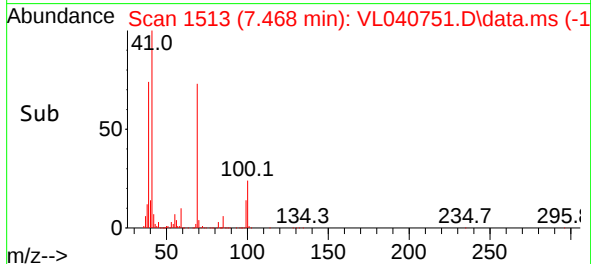
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



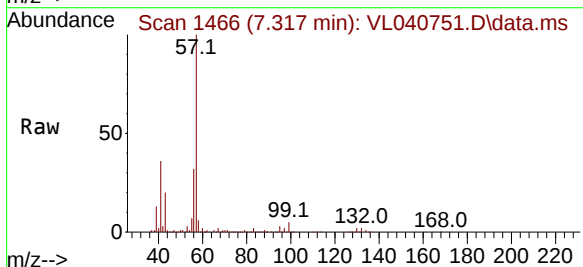
Tgt Ion: 69 Resp: 726423
Ion Ratio Lower Upper
69 100
41 0.0 113.8 170.8
100 0.0 25.4 38.0

Manual Integrations
APPROVED

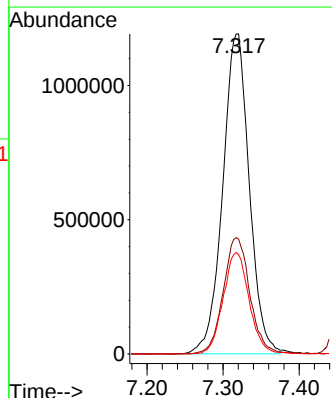
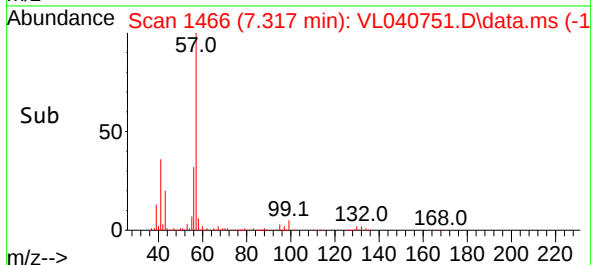
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

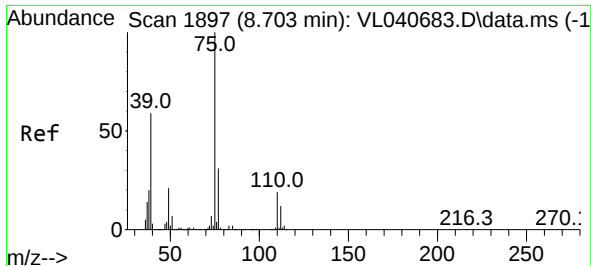


#44
2,2,4-Trimethylpentane
Concen: 11.256 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



Tgt Ion: 57 Resp: 2888273
Ion Ratio Lower Upper
57 100
41 36.7 28.5 42.7
56 31.2 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 13.319 ppbv

RT: 8.700 min Scan# 11

Delta R.T. -0.022 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 61865

Ion Ratio Lower Upper

75 100

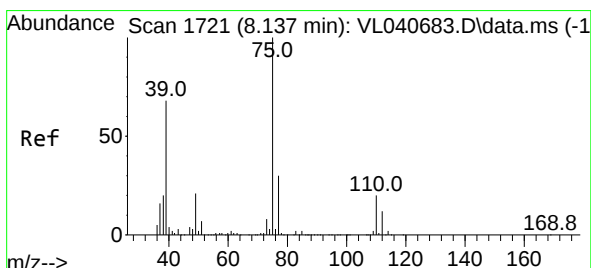
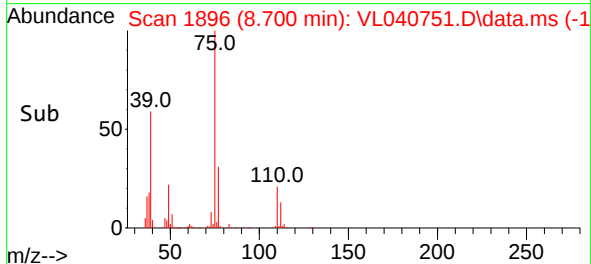
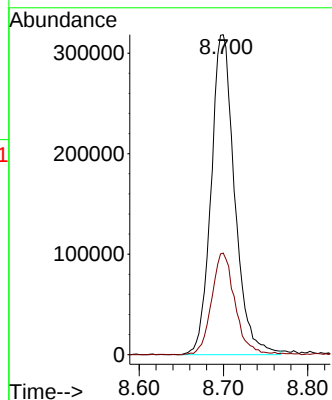
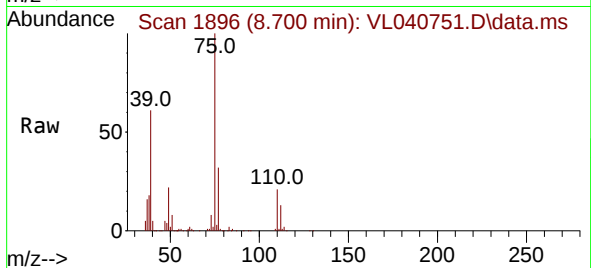
77 31.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#46

cis-1,3-Dichloropropene

Concen: 12.456 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.016 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

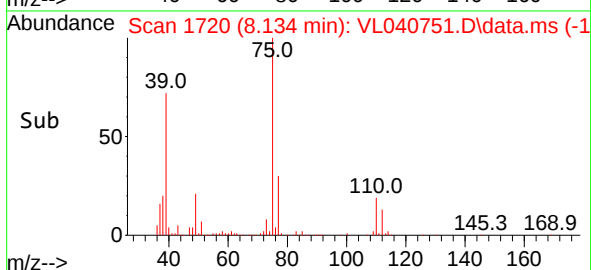
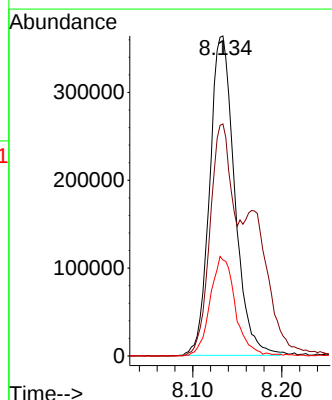
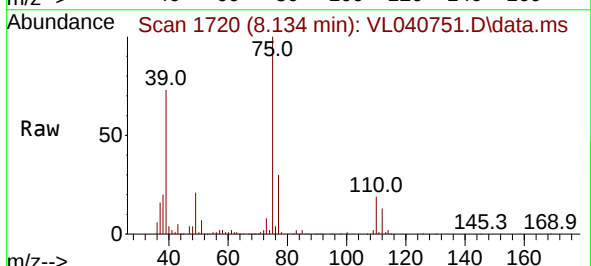
Tgt Ion: 75 Resp: 707902

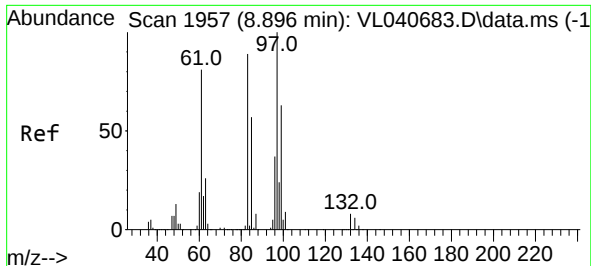
Ion Ratio Lower Upper

75 100

39 72.5 54.0 81.0

77 30.1 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 11.052 ppbv

RT: 8.886 min Scan# 1954

Delta R.T. -0.022 min

Lab File: VL040751.D

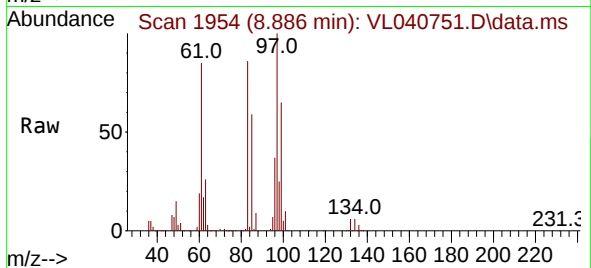
Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 786764

Ion Ratio Lower Upper

97 100

83 85.7 70.8 106.2

85 58.7 45.7 68.5

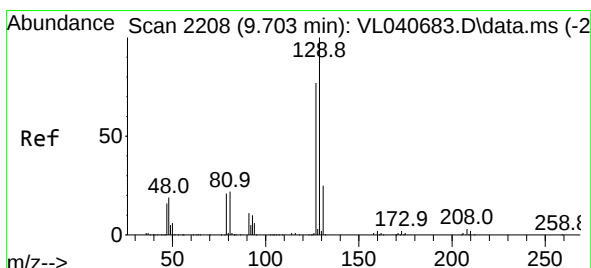
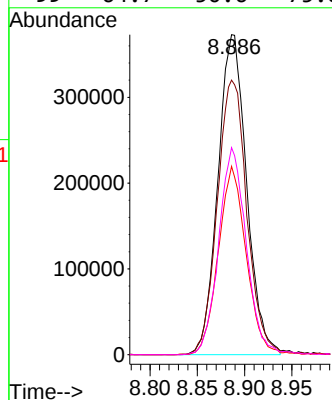
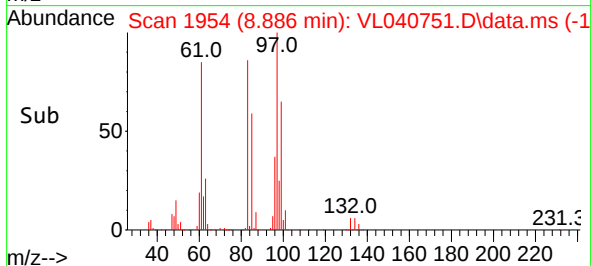
99 64.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#48

Dibromochloromethane

Concen: 12.510 ppbv

RT: 9.696 min Scan# 2206

Delta R.T. -0.026 min

Lab File: VL040751.D

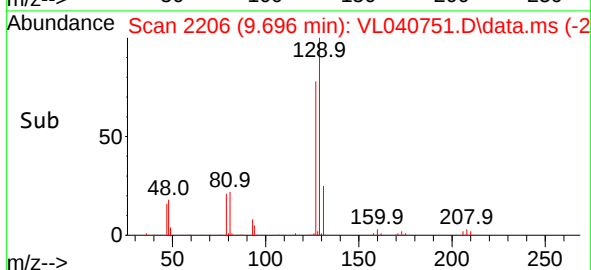
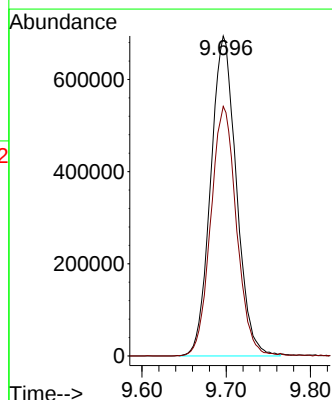
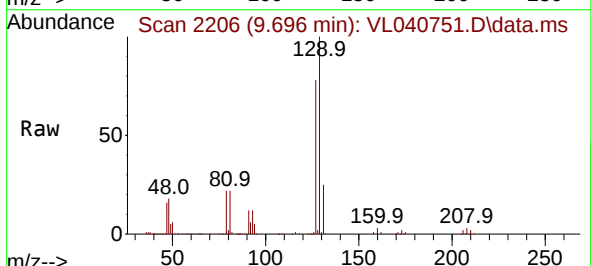
Acq: 4 Oct 2023 22:12

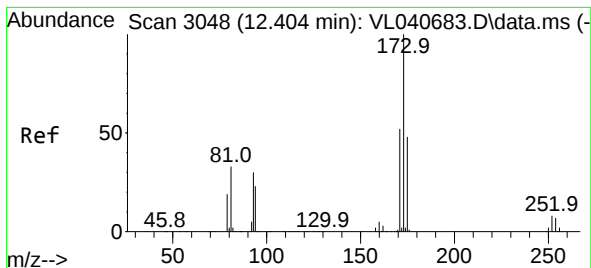
Tgt Ion:129 Resp: 1469151

Ion Ratio Lower Upper

129 100

127 78.4 39.4 118.2





#49

Bromoform

Concen: 12.967 ppbv

RT: 12.394 min Scan# 3048

Delta R.T. -0.026 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1250590

Ion Ratio Lower Upper

173 100

175 49.8 38.8 58.2

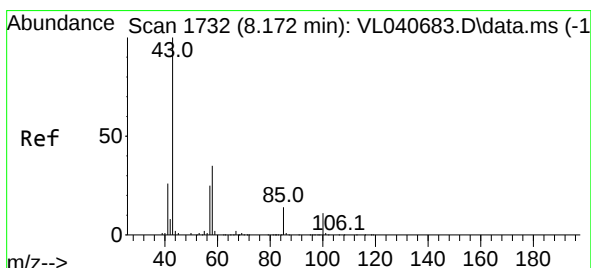
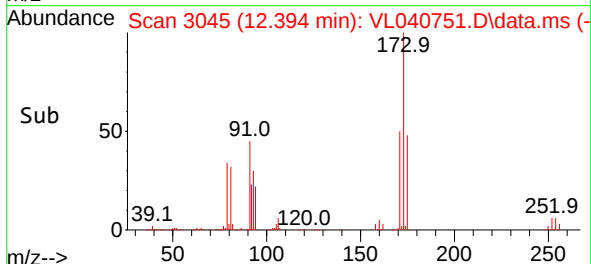
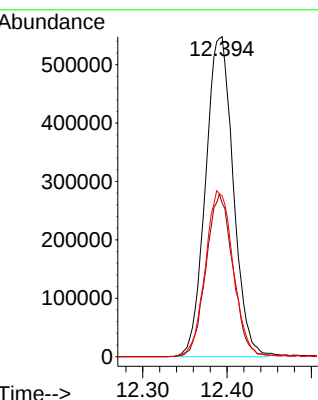
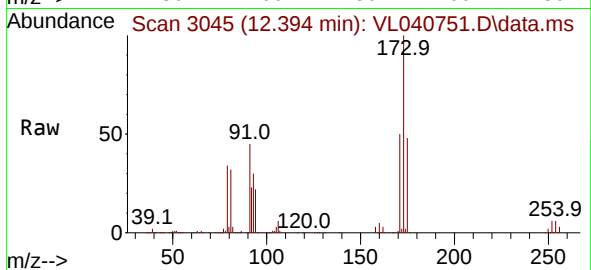
171 52.5 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#50

4-Methyl-2-Pentanone

Concen: 12.010 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.022 min

Lab File: VL040751.D

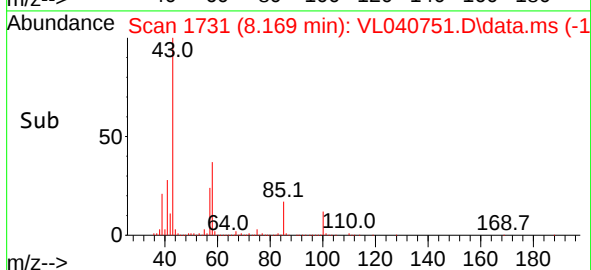
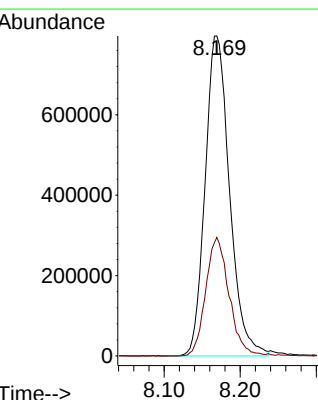
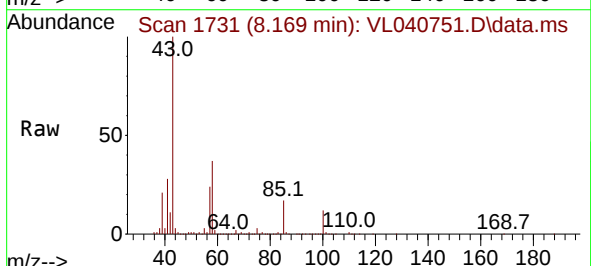
Acq: 4 Oct 2023 22:12

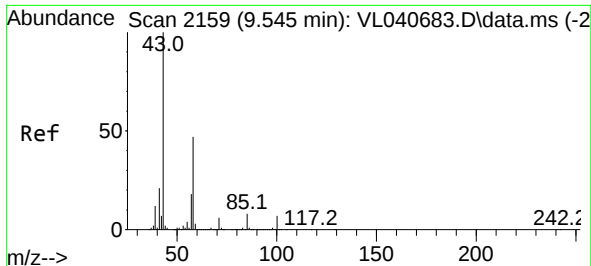
Tgt Ion: 43 Resp: 1776258

Ion Ratio Lower Upper

43 100

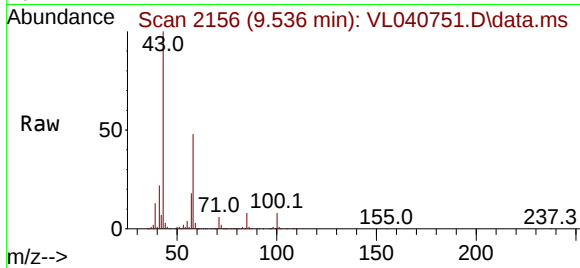
58 35.7 28.2 42.4





#51
2-Hexanone
Concen: 12.826 ppbv
RT: 9.536 min Scan# 2159
Delta R.T. -0.019 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

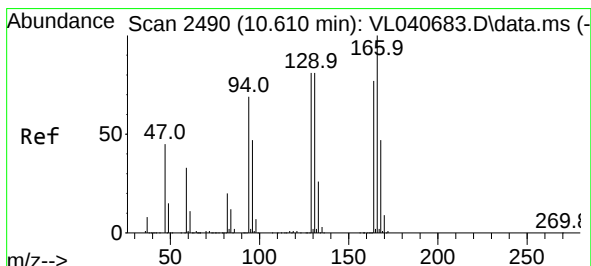
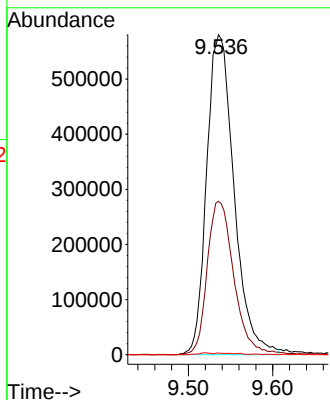
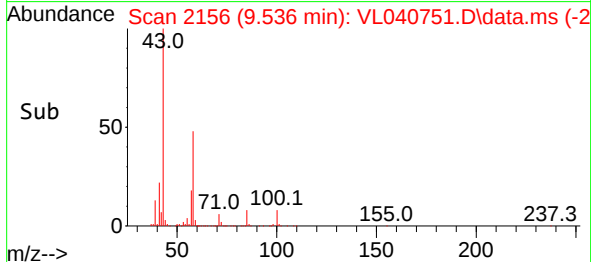
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



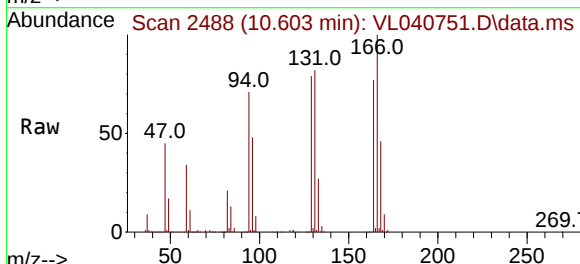
Tgt Ion: 43 Resp: 130930
Ion Ratio Lower Upper
43 100
58 47.1 37.6 56.4
98 0.8 0.6 1.0

Manual Integrations
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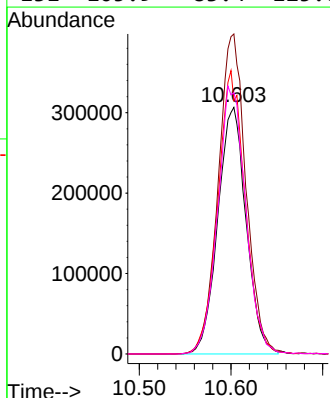
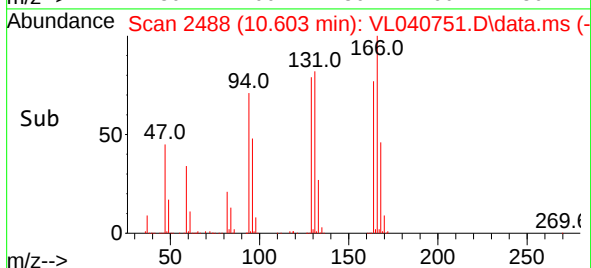
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

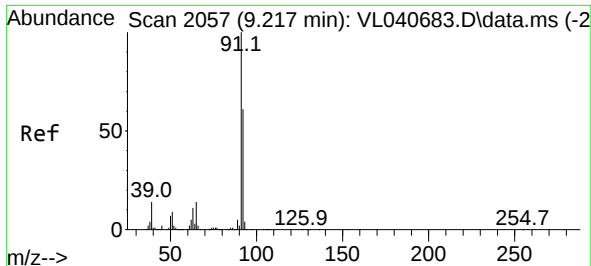


#52
Tetrachloroethene
Concen: 12.467 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



Tgt Ion:164 Resp: 655400
Ion Ratio Lower Upper
164 100
166 129.6 103.4 155.2
129 102.7 83.5 125.3
131 105.9 83.4 125.0





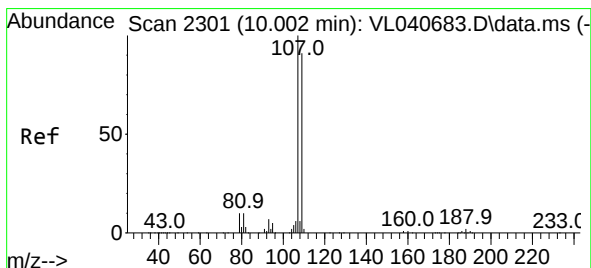
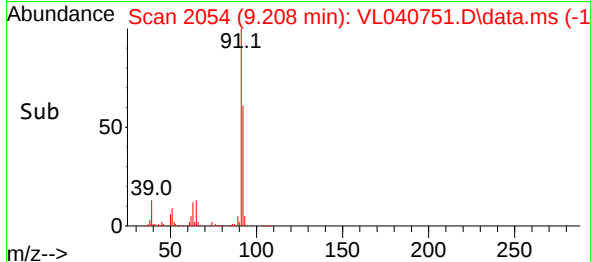
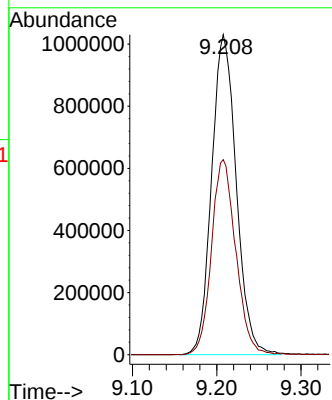
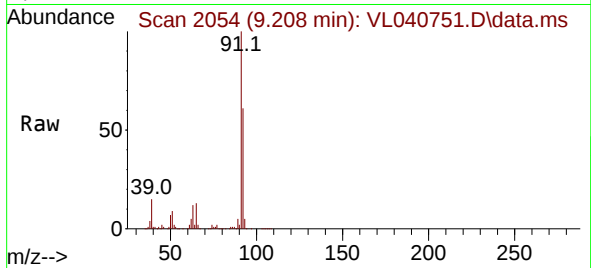
#53
Toluene
Concen: 12.271 ppbv
RT: 9.208 min Scan# 2057
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 208777
Ion Ratio Lower Upper
91 100
92 60.4 48.5 72.7

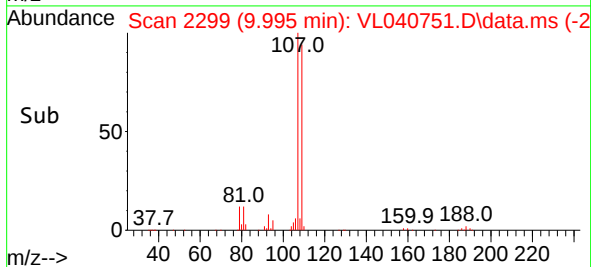
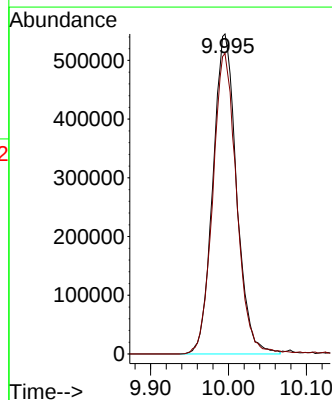
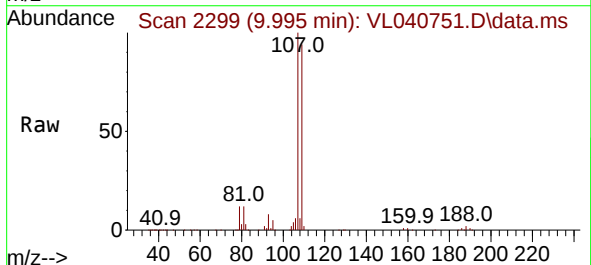
Manual Integrations
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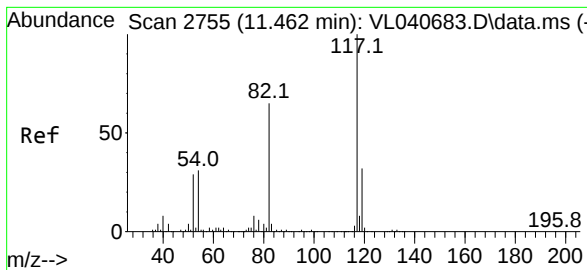
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#54
1,2-Dibromoethane
Concen: 12.657 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

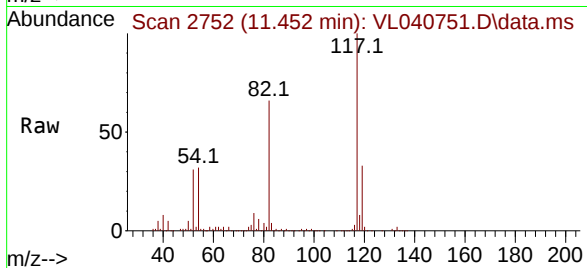
Tgt Ion:107 Resp: 1150077
Ion Ratio Lower Upper
107 100
109 93.9 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.452 min Scan# 2755
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

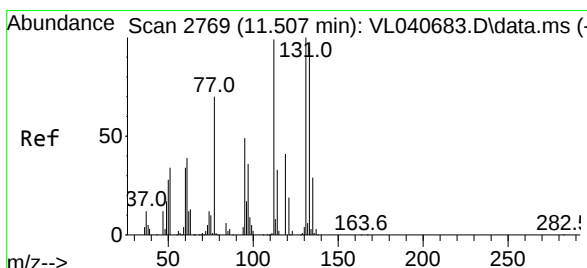
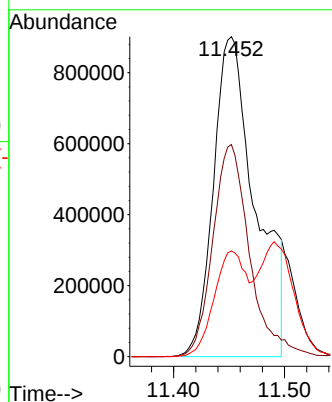
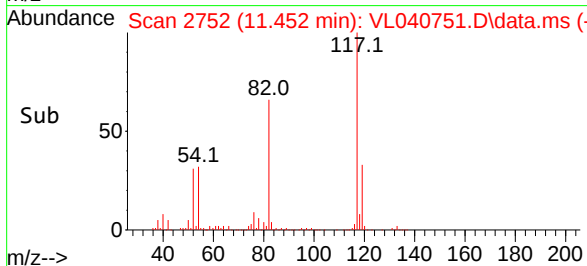
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



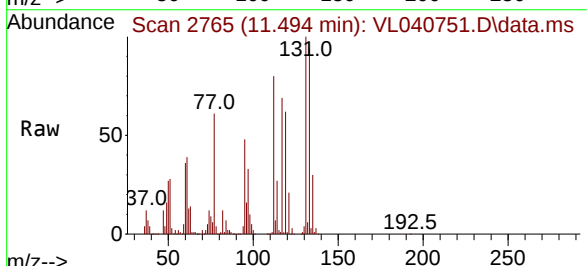
Tgt Ion:117 Resp: 237433
Ion Ratio Lower Upper
117 100
82 58.4 51.4 77.0
119 26.7 24.7 37.1

Manual Integrations
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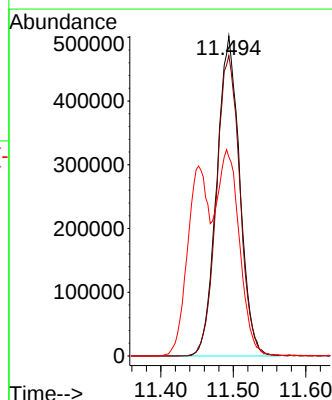
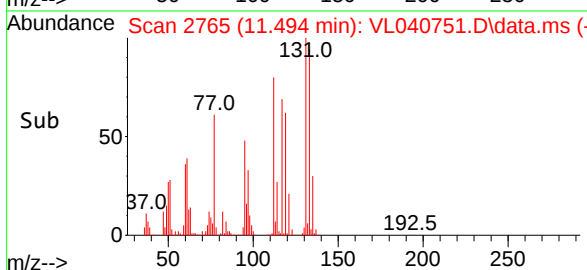
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

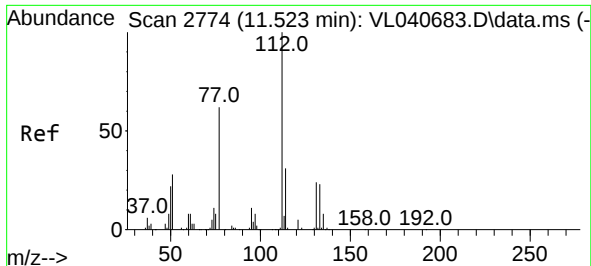


#56
1,1,1,2-Tetrachloroethane
Concen: 9.771 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



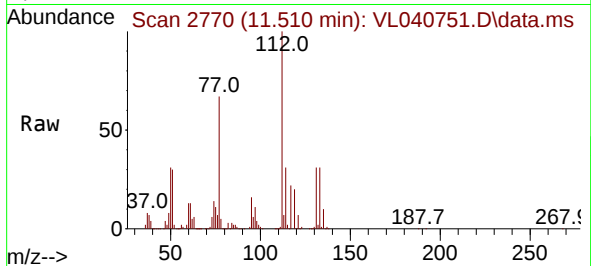
Tgt Ion:131 Resp: 1105896
Ion Ratio Lower Upper
131 100
133 95.8 76.2 114.2
119 66.5 45.5 68.3





#57
Chlorobenzene
Concen: 9.617 ppbv
RT: 11.510 min Scan# 21
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

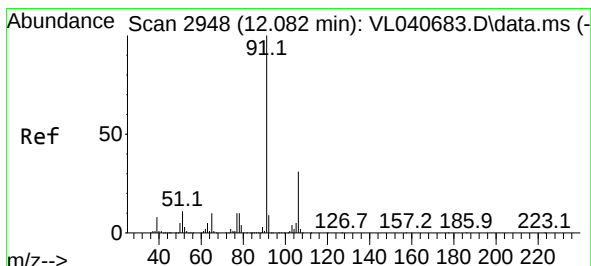
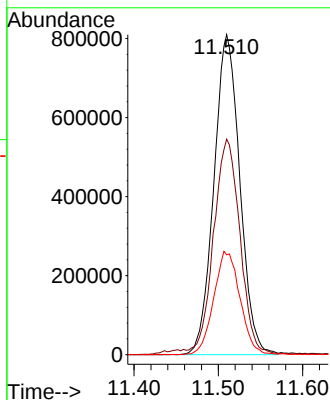
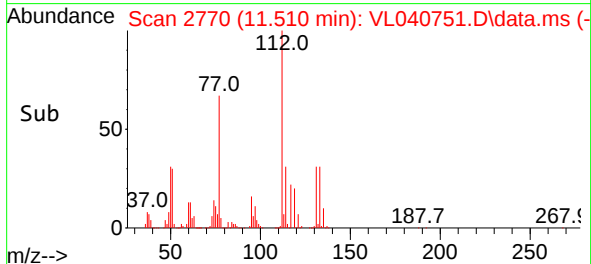
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1729100
Ion Ratio Lower Upper
112 100
77 66.9 50.8 76.2
114 31.1 28.2 34.4

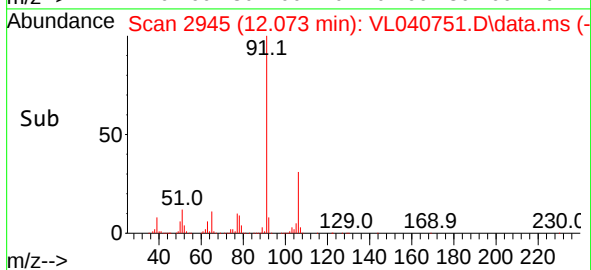
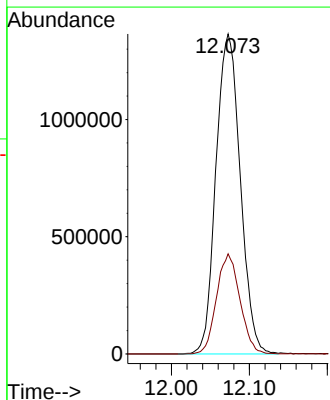
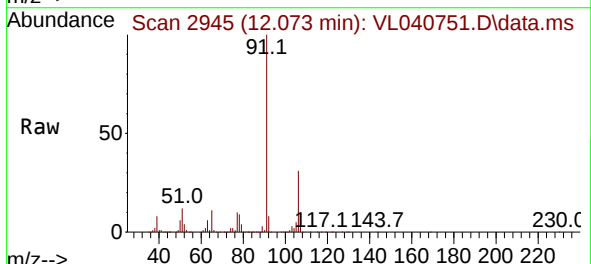
Manual Integrations
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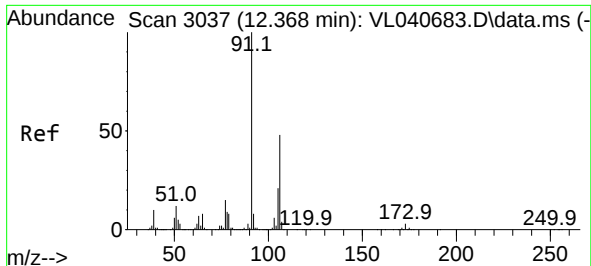
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#58
Ethyl Benzene
Concen: 10.941 ppbv
RT: 12.073 min Scan# 2945
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 91 Resp: 2961629
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1





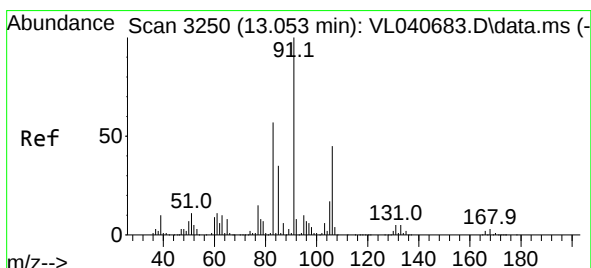
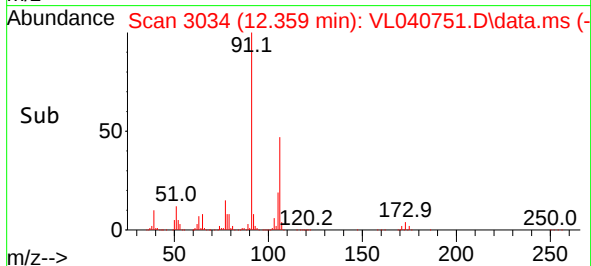
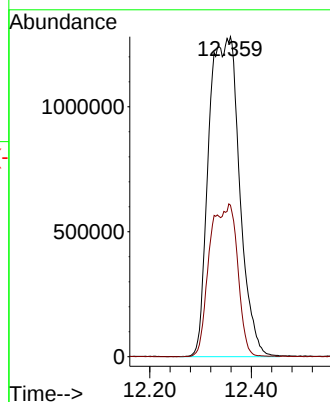
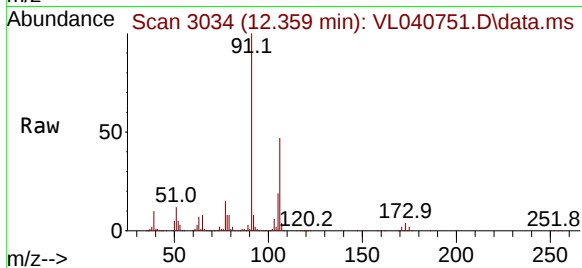
#59
m/p-Xylene
Concen: 21.100 ppbv m
RT: 12.359 min Scan# 3037
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 536328
Ion Ratio Lower Upper
91 100
106 43.5 34.8 52.2

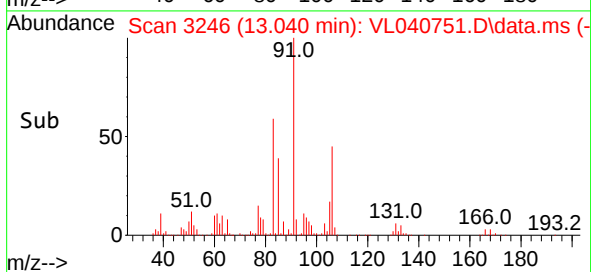
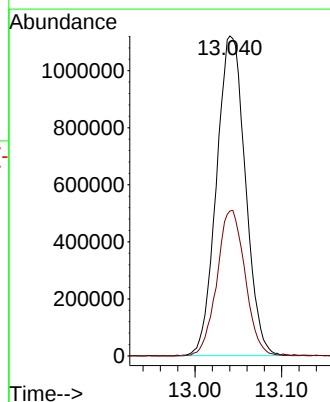
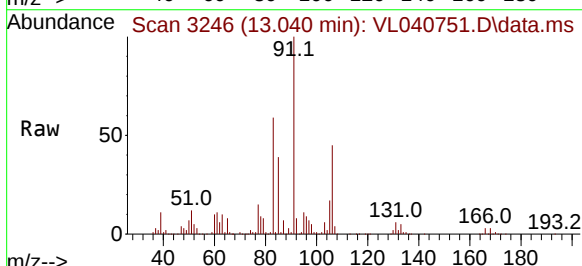
Manual Integrations
APPROVED

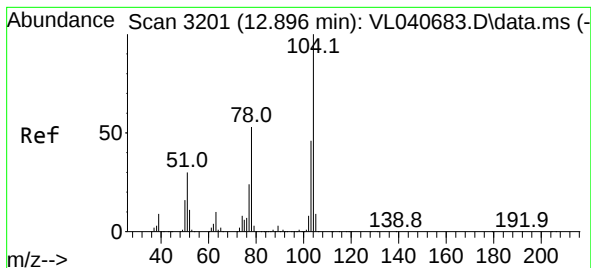
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#60
o-Xylene
Concen: 10.691 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion: 91 Resp: 2591762
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.9





#61

Styrene

Concen: 12.124 ppbv

RT: 12.883 min Scan# 3197

Delta R.T. -0.022 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1231710

Ion Ratio Lower Upper

104 100

78 54.2 43.4 65.0

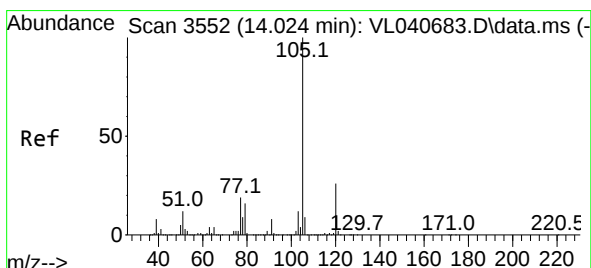
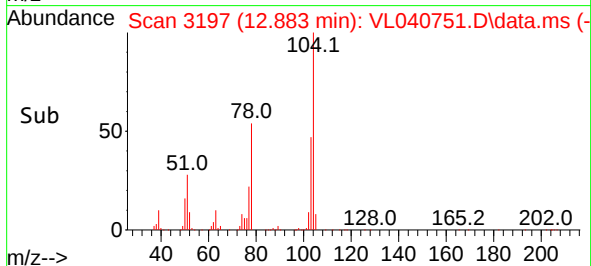
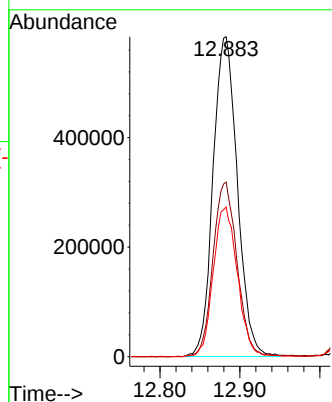
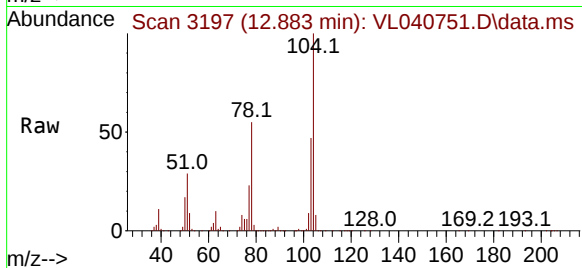
103 46.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#62

Isopropylbenzene

Concen: 10.329 ppbv

RT: 14.008 min Scan# 3547

Delta R.T. -0.029 min

Lab File: VL040751.D

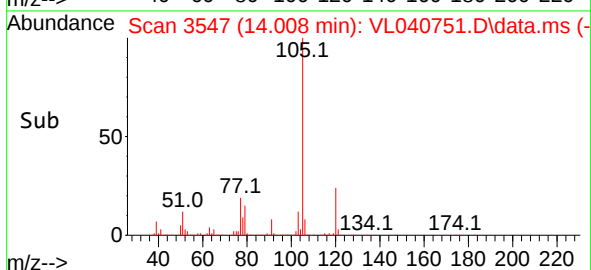
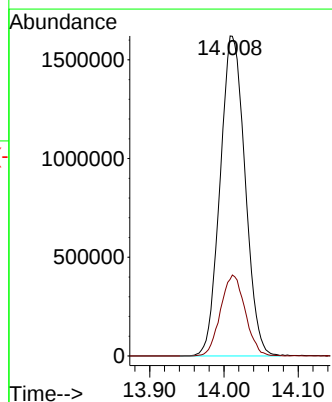
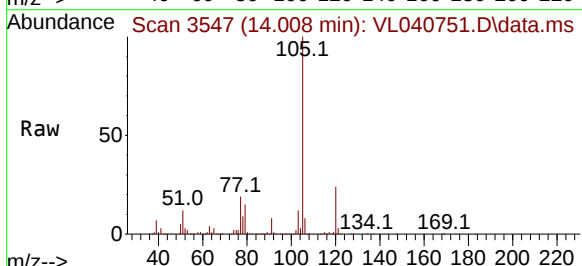
Acq: 4 Oct 2023 22:12

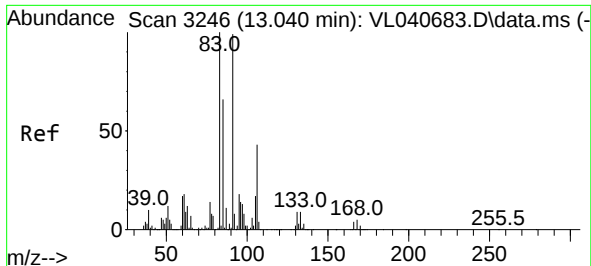
Tgt Ion:105 Resp: 3780465

Ion Ratio Lower Upper

105 100

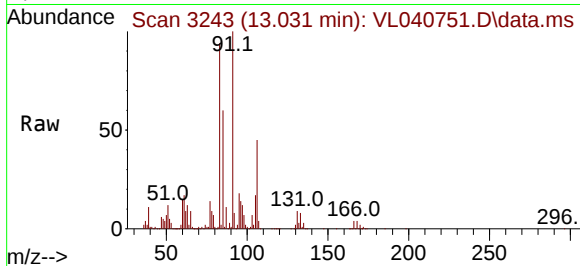
120 25.1 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 9.865 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

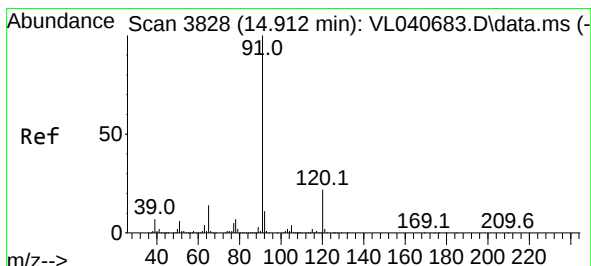
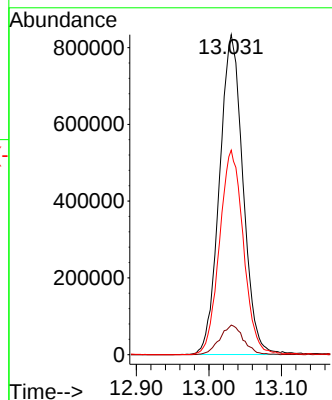
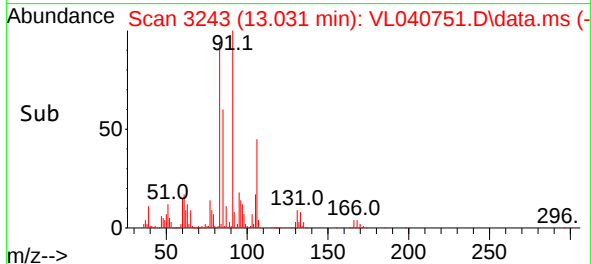
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



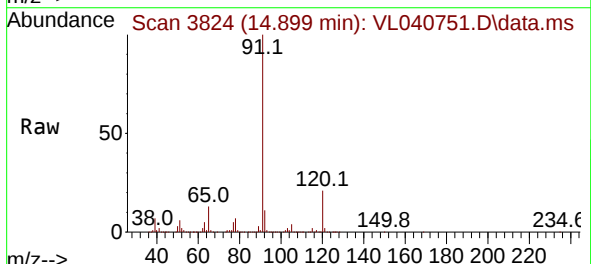
Tgt Ion: 83 Resp: 1874209
Ion Ratio Lower Upper
83 100
131 9.4 4.7 14.1
85 65.5 33.1 99.3

Manual Integrations
APPROVED

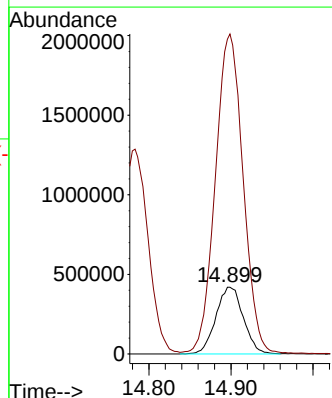
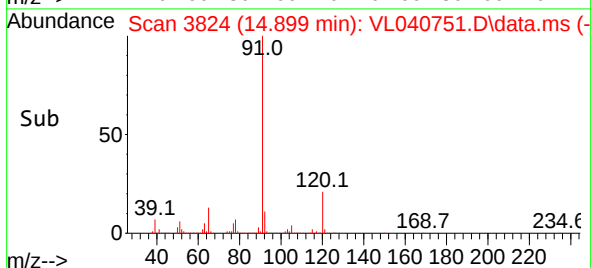
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

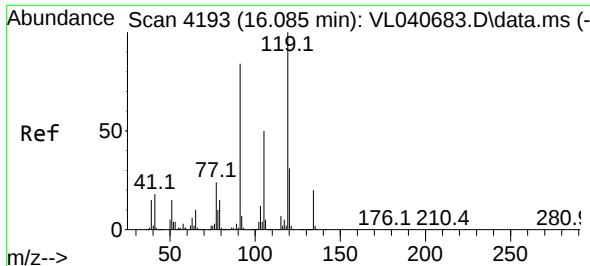


#64
n-propylbenzene
Concen: 10.622 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



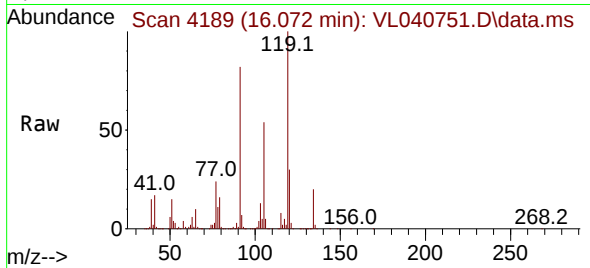
Tgt Ion:120 Resp: 972068
Ion Ratio Lower Upper
120 100
91 488.7 386.9 580.3





#65
tert-Butylbenzene
Concen: 10.502 ppbv
RT: 16.072 min Scan# 4193
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

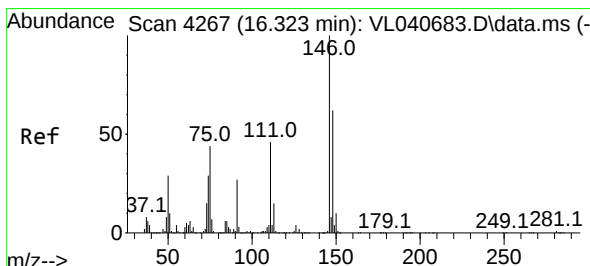
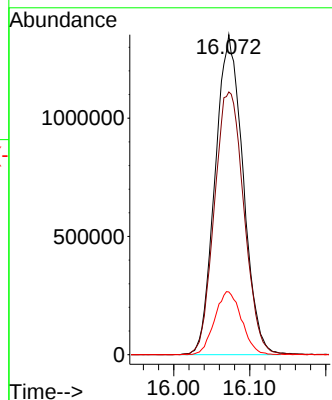
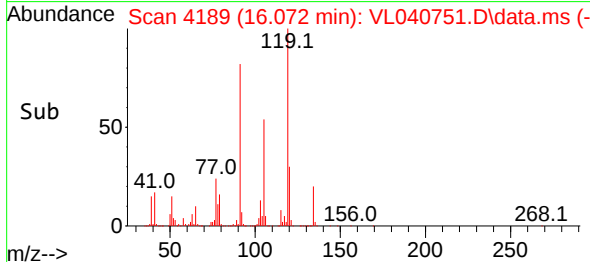
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:119 Resp: 344988
Ion Ratio Lower Upper
119 100
91 87.1 69.8 104.8
134 19.1 15.4 23.2

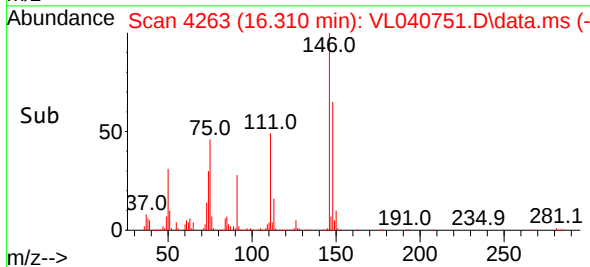
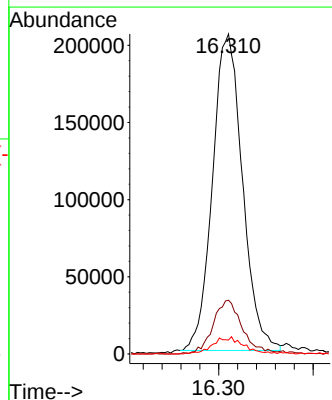
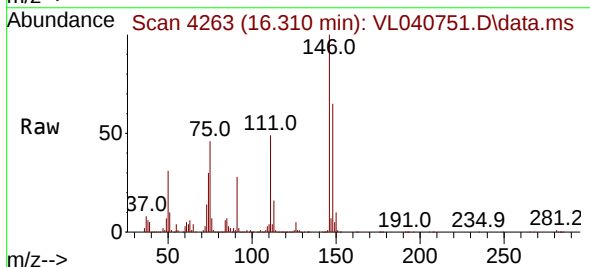
Manual Integrations
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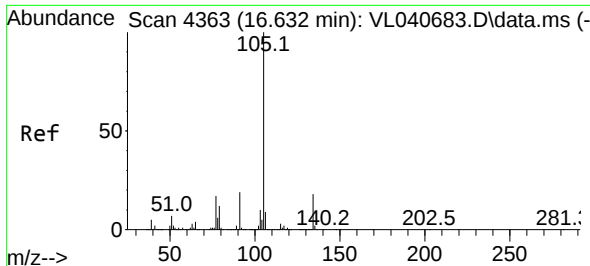
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#66
Benzyl Chloride
Concen: 11.762 ppbv
RT: 16.310 min Scan# 4263
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

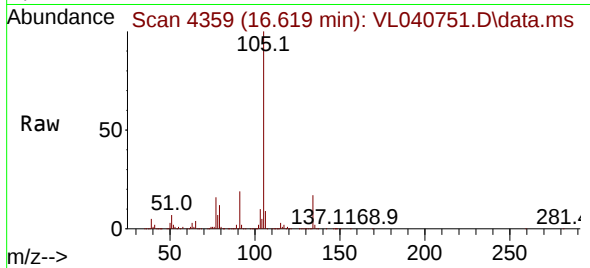
Tgt Ion: 91 Resp: 450943
Ion Ratio Lower Upper
91 100
126 17.0 13.6 20.4
128 5.6 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.301 ppbv
 RT: 16.619 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

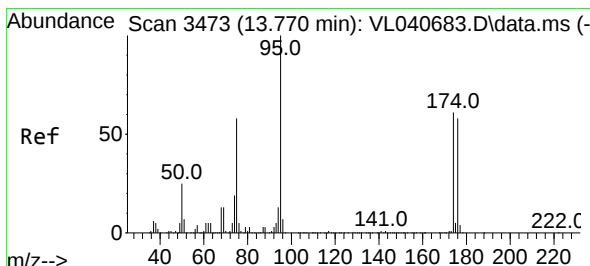
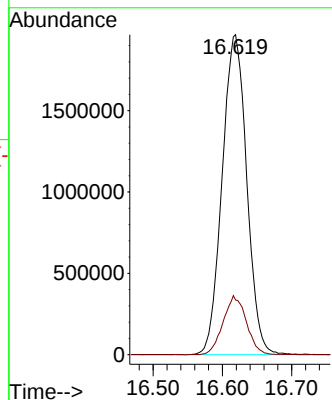
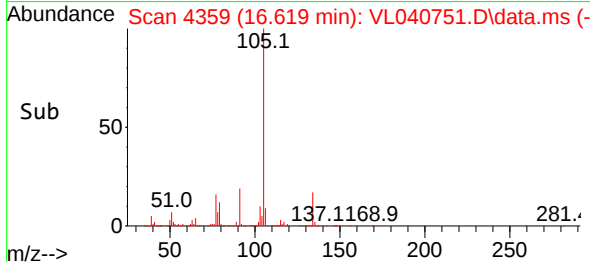
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 484432
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.1 21.1

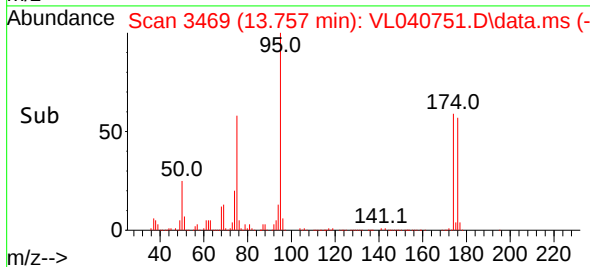
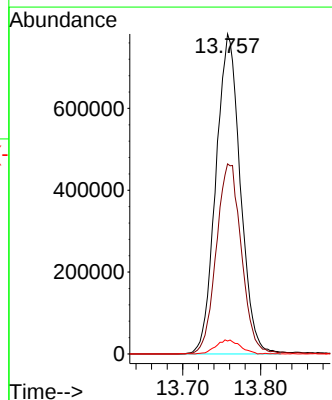
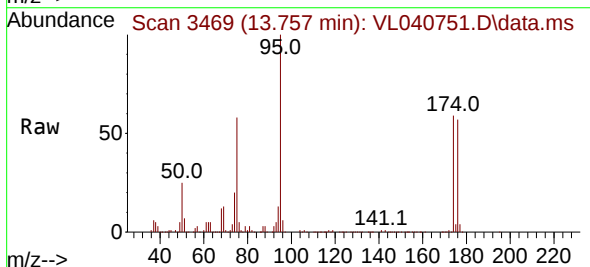
Manual Integrations
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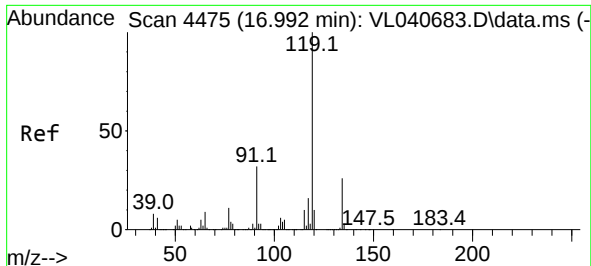
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.280 ppbv
 RT: 13.757 min Scan# 3469
 Delta R.T. -0.029 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

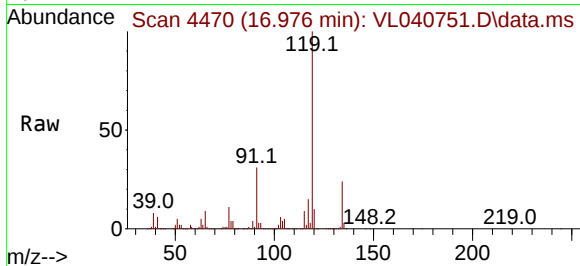
Tgt Ion: 95 Resp: 1702425
 Ion Ratio Lower Upper
 95 100
 174 61.7 48.9 73.3
 175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 10.690 ppbv
RT: 16.976 min Scan# 4475
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

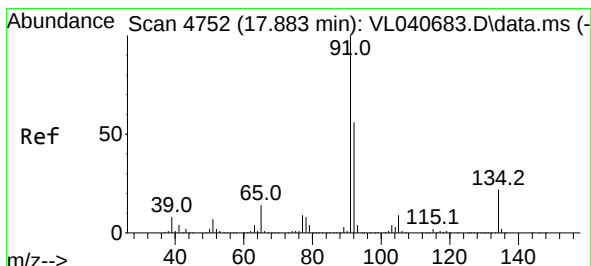
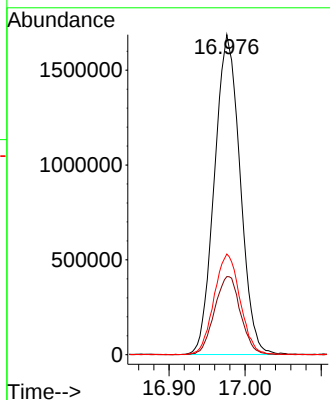
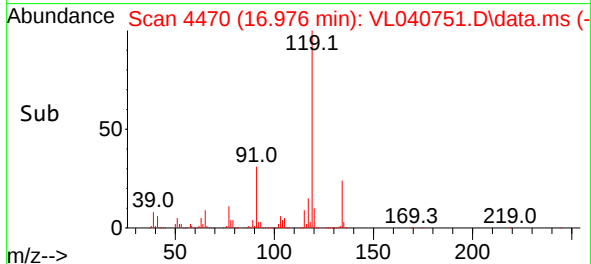
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



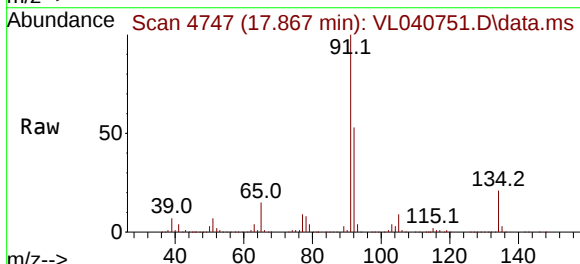
Tgt Ion: 119 Resp: 395118
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.2
91 32.0 25.0 37.6

Manual Integrations
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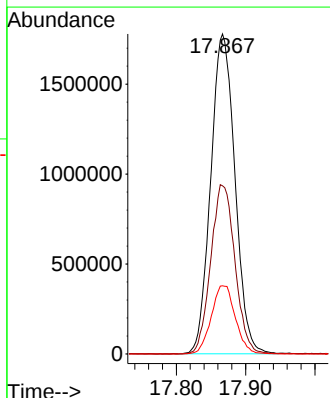
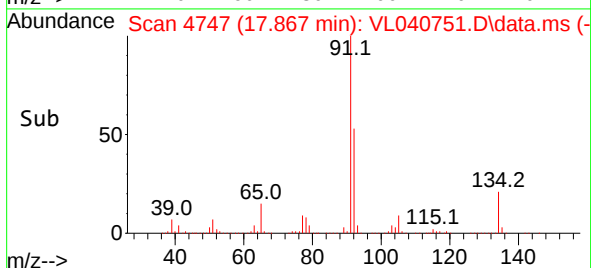
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

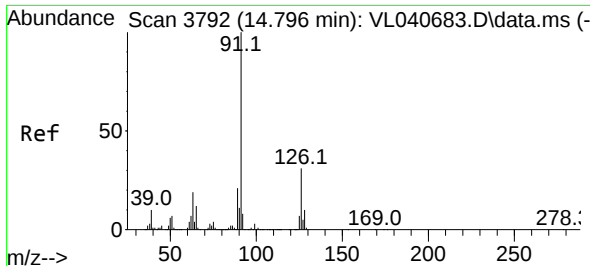


#70
n-Butylbenzene
Concen: 10.618 ppbv
RT: 17.867 min Scan# 4747
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



Tgt Ion: 91 Resp: 4319354
Ion Ratio Lower Upper
91 100
92 53.0 42.7 64.1
134 21.3 17.0 25.4





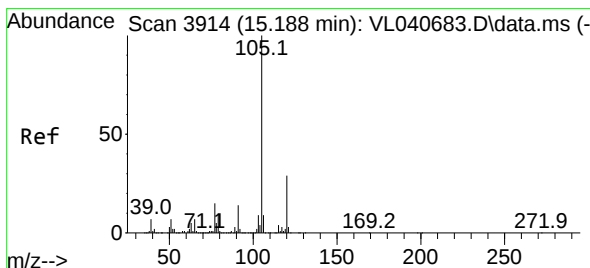
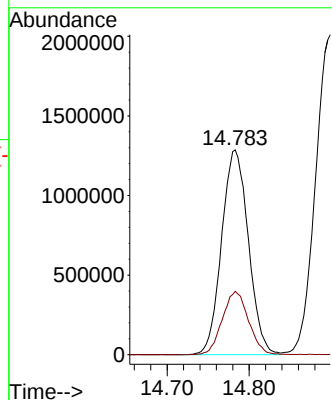
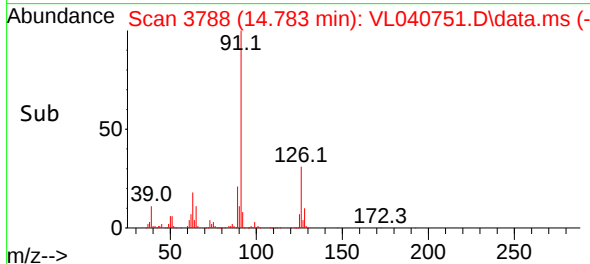
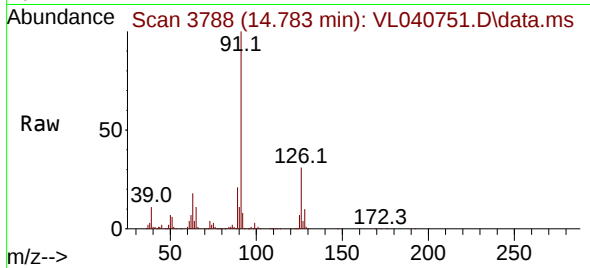
#71
2-Chlorotoluene
Concen: 10.771 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 291674
Ion Ratio Lower Upper
91 100
126 30.3 12.0 47.8

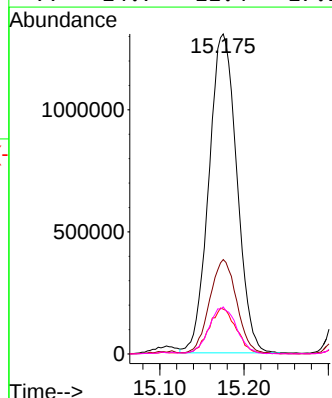
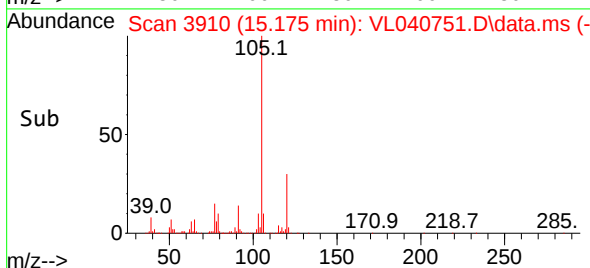
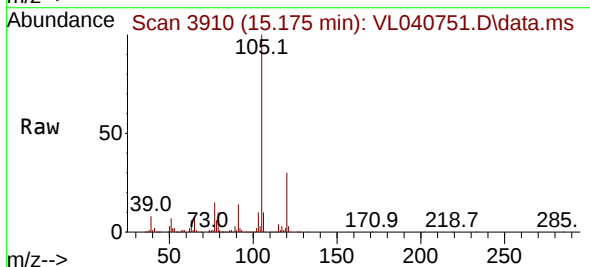
Manual Integrations
APPROVED

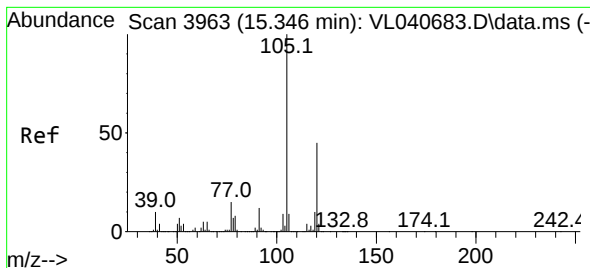
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#72
4-Ethyltoluene
Concen: 11.062 ppbv
RT: 15.175 min Scan# 3910
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

Tgt Ion:105 Resp: 3007032
Ion Ratio Lower Upper
105 100
120 29.0 23.9 35.9
91 14.7 11.0 16.4
77 14.7 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 10.751 ppbv

RT: 15.333 min Scan# 3963

Delta R.T. -0.029 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 2631528

Ion Ratio Lower Upper

105 100

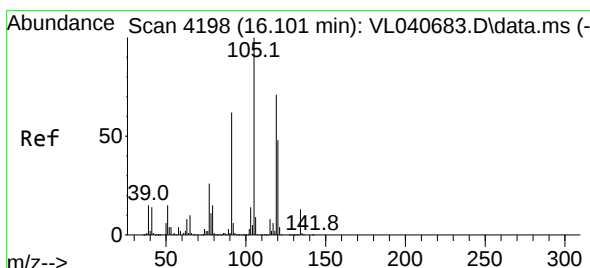
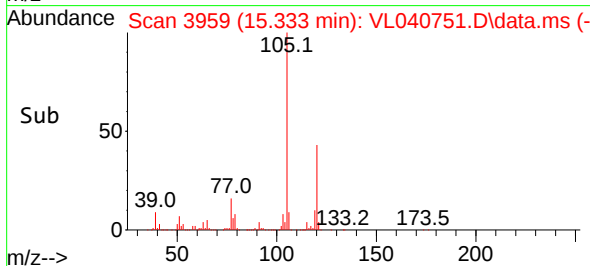
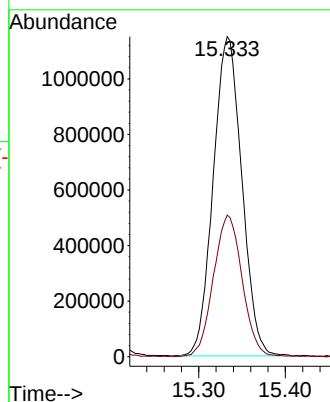
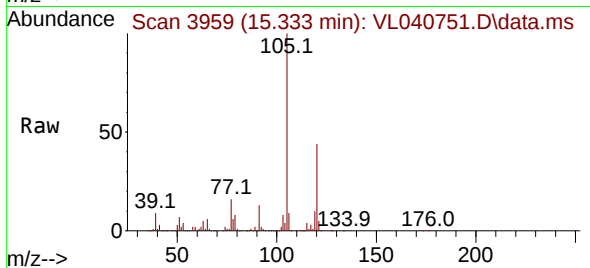
120 44.3 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.284 ppbv

RT: 16.088 min Scan# 4194

Delta R.T. -0.029 min

Lab File: VL040751.D

Acq: 4 Oct 2023 22:12

Tgt Ion:105 Resp: 3068653

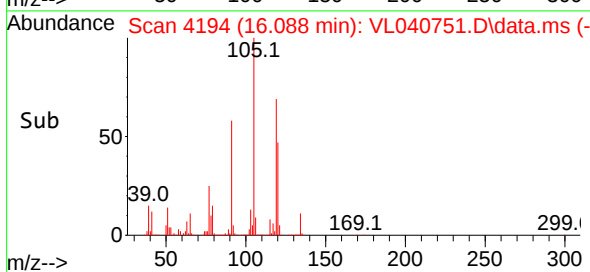
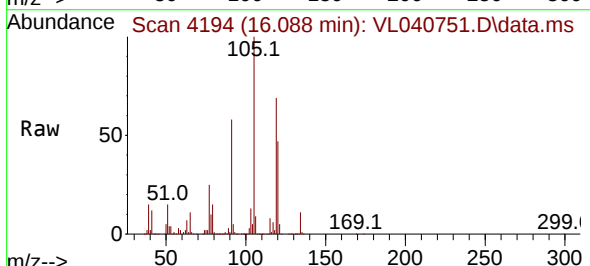
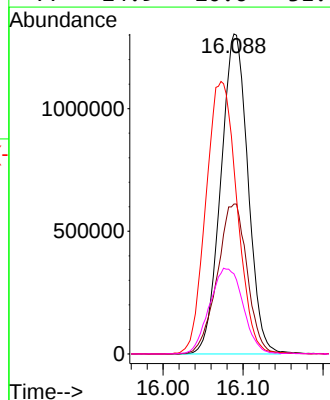
Ion Ratio Lower Upper

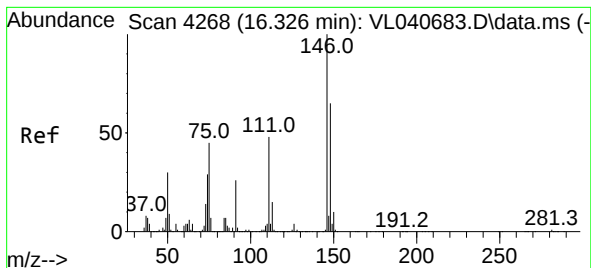
105 100

120 46.8 38.6 57.8

91 57.8 50.0 75.0

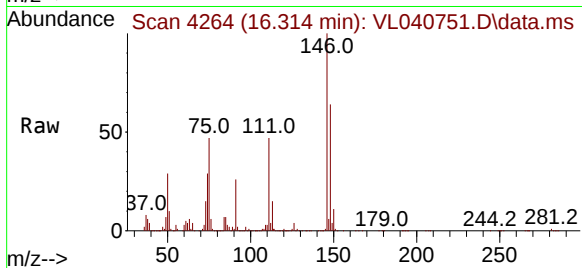
77 24.9 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 10.275 ppbv
RT: 16.314 min Scan# 4308
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

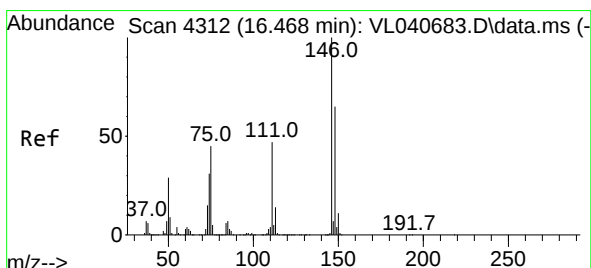
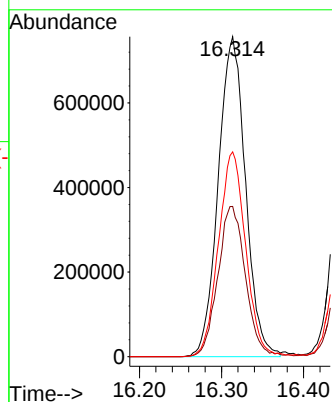
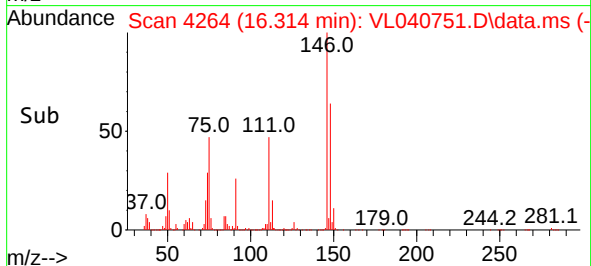
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



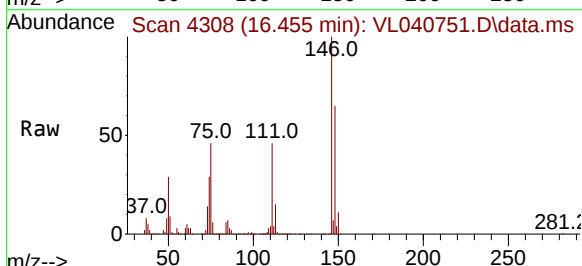
Tgt Ion:146 Resp: 174698
Ion Ratio Lower Upper
146 100
111 47.6 23.9 71.7
148 63.9 31.8 95.4

Manual Integrations
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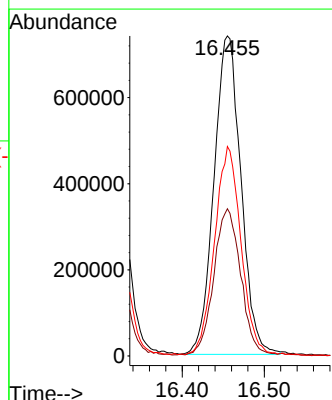
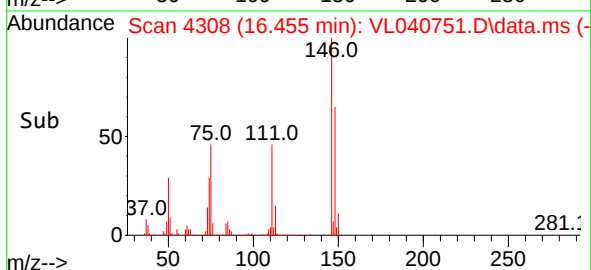
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

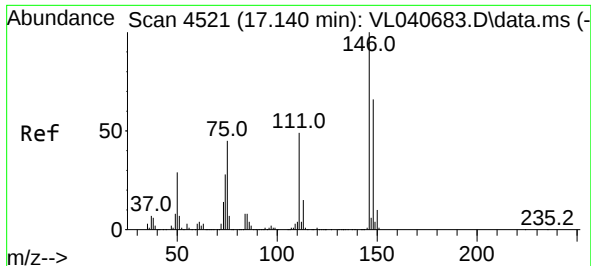


#76
1,4-Dichlorobenzene
Concen: 10.128 ppbv
RT: 16.455 min Scan# 4308
Delta R.T. -0.026 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



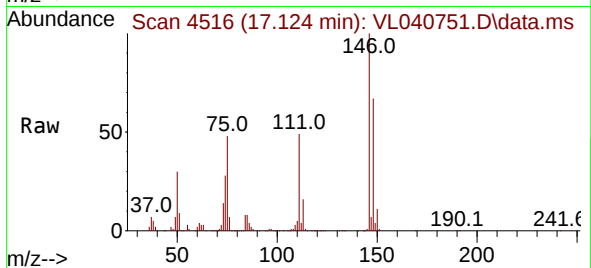
Tgt Ion:146 Resp: 1694352
Ion Ratio Lower Upper
146 100
111 46.8 23.8 71.2
148 65.3 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 9.827 ppbv
RT: 17.124 min Scan# 411
Delta R.T. -0.029 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

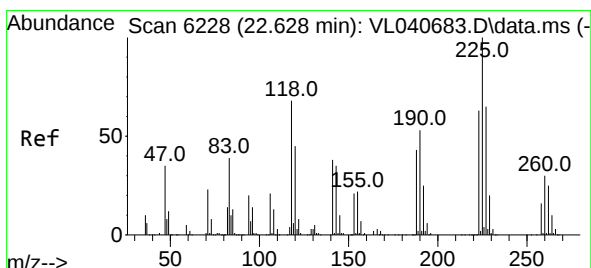
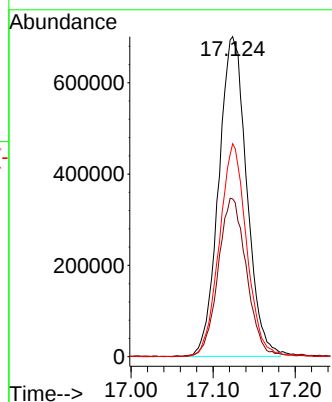
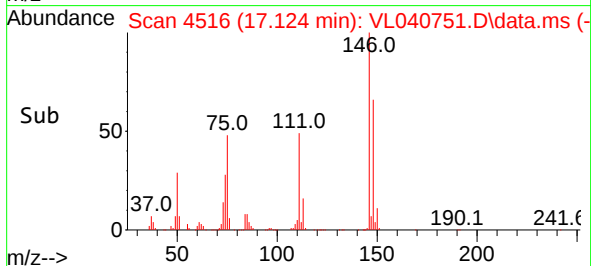
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



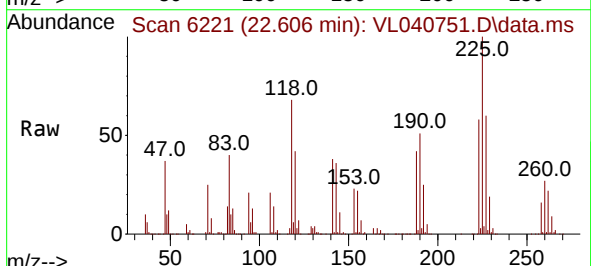
Tgt Ion:146 Resp: 1664052
Ion Ratio Lower Upper
146 100
111 50.4 25.0 75.0
148 65.4 32.4 97.0

Manual Integrations
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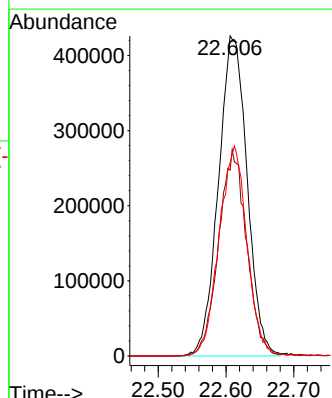
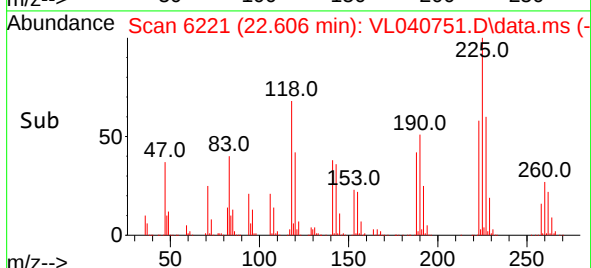
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

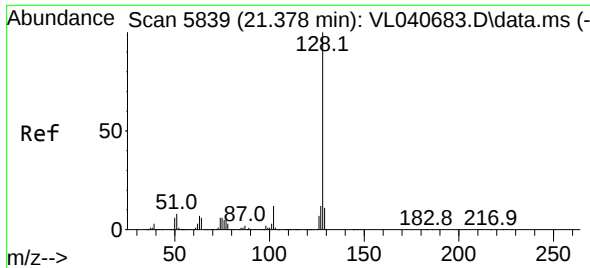


#78
Hexachloro-1,3-Butadiene
Concen: 9.769 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.032 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



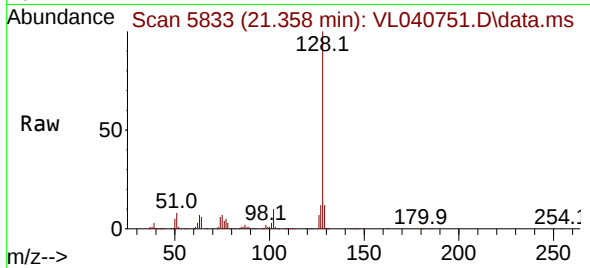
Tgt Ion:225 Resp: 1251719
Ion Ratio Lower Upper
225 100
223 62.9 51.2 76.8
227 64.2 50.7 76.1





#79
Naphthalene
Concen: 14.354 ppbv
RT: 21.358 min Scan# 5833
Delta R.T. -0.035 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12

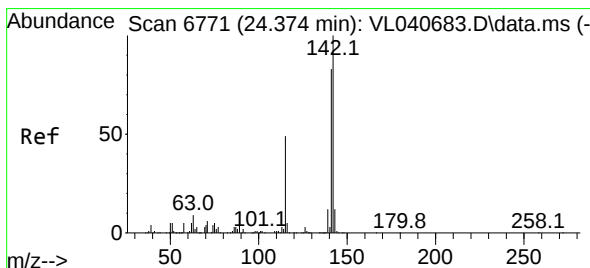
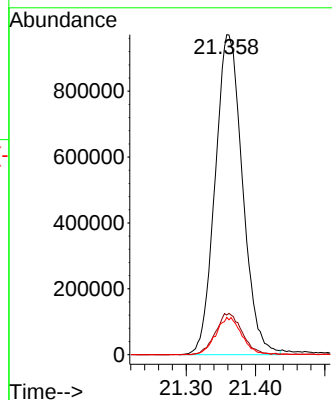
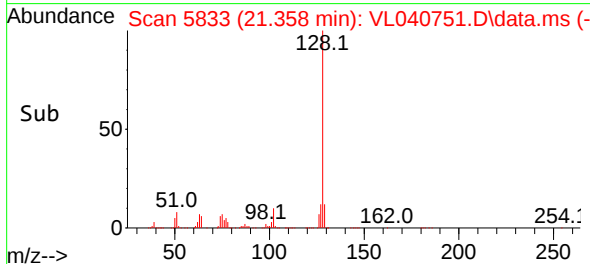
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



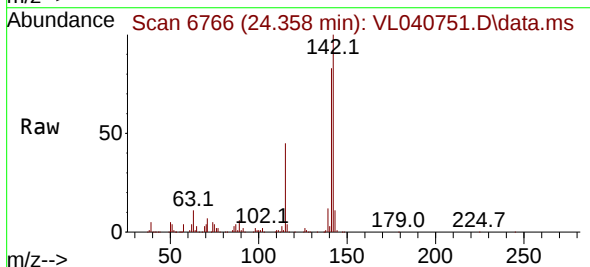
Tgt Ion:128 Resp: 266541
Ion Ratio Lower Upper
128 100
127 12.4 9.8 14.6
129 11.6 8.4 12.6

Manual Integrations
APPROVED

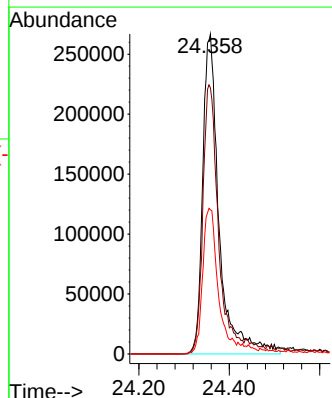
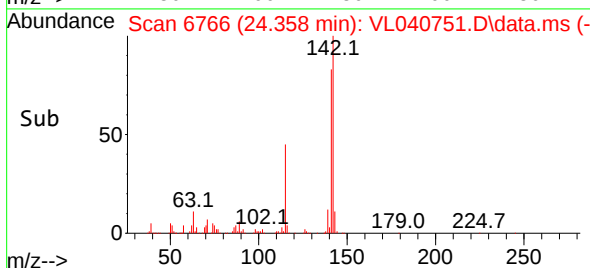
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

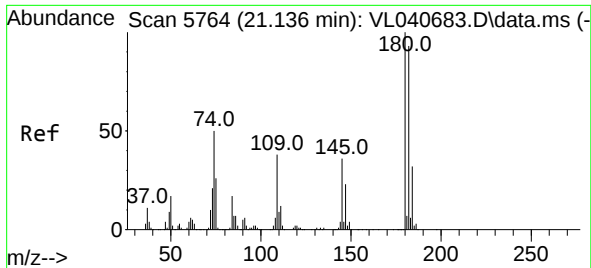


#80
Naphthalene,2-methyl-
Concen: 14.813 ppbv
RT: 24.358 min Scan# 6766
Delta R.T. -0.022 min
Lab File: VL040751.D
Acq: 4 Oct 2023 22:12



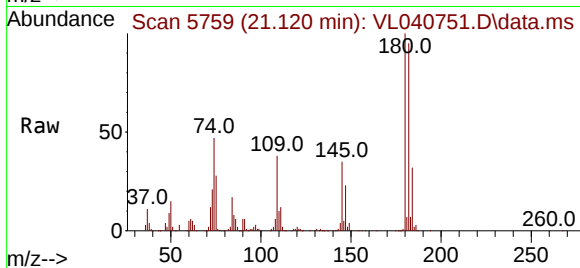
Tgt Ion:142 Resp: 673682
Ion Ratio Lower Upper
142 100
141 81.5 67.0 100.6
115 45.3 37.4 56.2





#81
 1,2,4-Trichlorobenzene
 Concen: 11.343 ppbv
 RT: 21.120 min Scan# 51
 Delta R.T. -0.029 min
 Lab File: VL040751.D
 Acq: 4 Oct 2023 22:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 137585
 Ion Ratio Lower Upper
 180 100
 182 97.7 77.9 116.9
 184 30.6 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

