

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040169.D
 Acq On : 15 Feb 2023 10:28
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Feb 16 18:14:50 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 15 17:01:01 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/16/2023
 Supervised By : Mahesh Dadoda 02/18/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	985794	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2572192	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	3038683	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 2044661 8.183 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 81.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	1437710	7.825	ppbv	100
3) Chlorodifluoromethane	2.658	51	1072658	9.109	ppbv	100
4) Chloromethane	2.796	50	670009	9.058	ppbv	100
5) Vinyl Chloride	2.902	62	577325	9.712	ppbv	100
6) Bromomethane	3.102	94	201022	9.370	ppbv	100
7) Chloroethane	3.182	64	211801	8.985	ppbv	100
8) Dichlorotetrafluoroethane	2.841	85	1446431	9.136	ppbv	100
9) Propene	2.677	41	448117	9.335	ppbv	100
10) Heptane	7.571	43	1140377	9.981	ppbv	100
11) Trichlorofluoromethane	3.549	101	1475096	8.948	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	1106904	9.102	ppbv	100
13) Ethanol	3.224	45	14371	3.252	ppbv #	34
14) Bromoethene	3.349	108	453401	9.722	ppbv	100
15) Acetone	3.452	43	1008466	8.497	ppbv	100
16) 1,3-Butadiene	2.967	39	531358	9.803	ppbv	100
17) tert-Butyl alcohol	3.861	59	1076140	9.942	ppbv	100
18) 1,1-Dichloroethene	3.864	96	486900	9.214	ppbv	100
19) Isopropyl Alcohol	3.558	45	511353	9.064	ppbv #	98
20) Methylene Chloride	3.918	84	422328	6.836	ppbv	100
21) Allyl Chloride	3.983	41	732008	10.056	ppbv	100
22) trans-1,2-Dichloroethene	4.430	96	522120	9.542	ppbv	100
23) Vinyl Acetate	4.610	43	361043	10.024	ppbv	100
24) 1,1-Dichloroethane	4.549	63	1056465	9.384	ppbv	100
25) Ethyl Acetate	5.192	43	2081344	9.434	ppbv	100
26) Hexane	5.201	57	871716	9.204	ppbv	100
27) Carbon Disulfide	4.108	76	1252289	10.420	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	961181	9.471	ppbv	100
29) Chloroform	5.263	83	1497913	9.210	ppbv	100
30) Cyclohexane	6.594	84	745582	10.025	ppbv	100
31) cis-1,2-Dichloroethene	5.066	61	815266	9.059	ppbv	100
32) 1,1,1-Trichloroethane	5.992	97	1503825	9.842	ppbv	100
34) 2-Butanone	4.774	43	1171309	9.231	ppbv	100
35) Carbon Tetrachloride	6.484	117	1560919	10.265	ppbv	100
36) Benzene	6.362	78	1912279	9.553	ppbv	100
37) 1,2-Dichloroethane	5.796	62	1169256	9.340	ppbv	100
38) Trichloroethene	7.285	130	1135776	10.297	ppbv	100
39) 1,2-Dichloropropane	7.066	63	725936	9.322	ppbv	100
40) 1,4-Dioxane	7.278	88	291936	9.372	ppbv	100
41) Tetrahydrofuran	5.545	42	731844	9.953	ppbv	100
42) Bromodichloromethane	7.240	83	1668613	9.656	ppbv	100
43) Methyl Methacrylate	7.468	69	758463	10.240	ppbv	100
44) 2,2,4-Trimethylpentane	7.317	57	3122099	9.343	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	743556	11.317	ppbv	100

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Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 02/18/2023

Quant Time: Feb 16 18:14:50 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

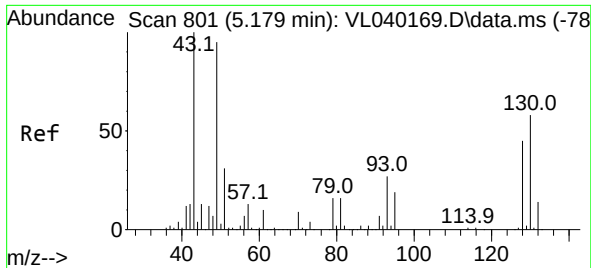
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 15 17:01:01 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	997411	10.897	ppbv	100
47) 1,1,2-Trichloroethane	8.896	97	792375	9.408	ppbv	100
48) Dibromochloromethane	9.706	129	1383366	10.269	ppbv	100
49) Bromoform	12.407	173	1106895	10.527	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	1941524	9.855	ppbv	100
51) 2-Hexanone	9.545	43	1525821	10.070	ppbv #	100
52) Tetrachloroethene	10.610	164	649582	10.392	ppbv	100
53) Toluene	9.214	91	2185059	10.192	ppbv	100
54) 1,2-Dibromoethane	10.002	107	902607	10.300	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	980105	7.684	ppbv	98
57) Chlorobenzene	11.523	112	1686589	7.597	ppbv	100
58) Ethyl Benzene	12.085	91	2984162	8.083	ppbv	100
59) m/p-Xylene	12.372	91	2761928	8.446	ppbv #	42
60) o-Xylene	13.056	91	2465052	7.834	ppbv	100
61) Styrene	12.896	104	1437144	8.700	ppbv	100
62) Isopropylbenzene	14.027	105	3460448	7.662	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	812842	7.169	ppbv	100
64) n-propylbenzene	14.918	120	892659	7.986	ppbv	100
65) tert-Butylbenzene	16.088	119	3030876	7.720	ppbv	100
66) Benzyl Chloride	16.326	91	209083	8.003	ppbv	100
67) sec-Butylbenzene	16.635	105	4274706	7.592	ppbv	100
69) p-Isopropyltoluene	16.998	119	3461992	7.756	ppbv	100
70) n-Butylbenzene	17.886	91	3683464	7.603	ppbv	100
71) 2-Chlorotoluene	14.799	91	2677656	7.752	ppbv	100
72) 4-Ethyltoluene	15.191	105	2795564	8.037	ppbv	100
73) 1,3,5-Trimethylbenzene	15.349	105	2496417	7.713	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	2703720	7.605	ppbv	100
75) 1,3-Dichlorobenzene	16.333	146	1487917	7.648	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1460400	7.660	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1416598	7.330	ppbv	100
78) Hexachloro-1,3-Butadiene	22.638	225	905390	6.819	ppbv	100
79) Naphthalene	21.384	128	1881441	9.420	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	557006	9.807	ppbv	100
81) 1,2,4-Trichlorobenzene	21.140	180	989134	7.914	ppbv	100

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



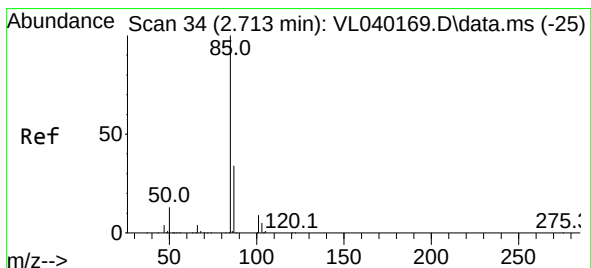
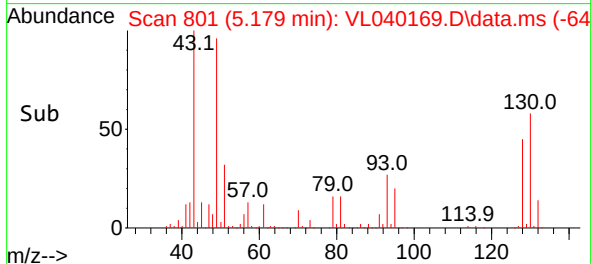
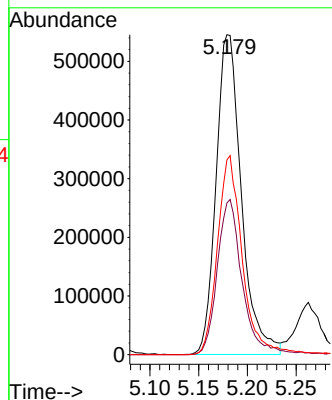
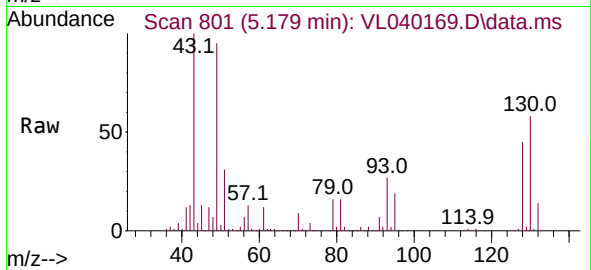
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 801
Delta R.T. -0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 49 Resp: 985794
Ion Ratio Lower Upper
49 100
128 48.2 24.1 72.3
130 61.9 30.9 92.8

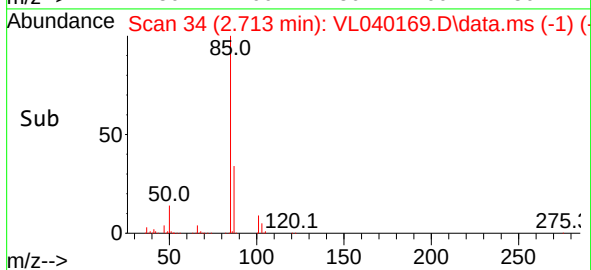
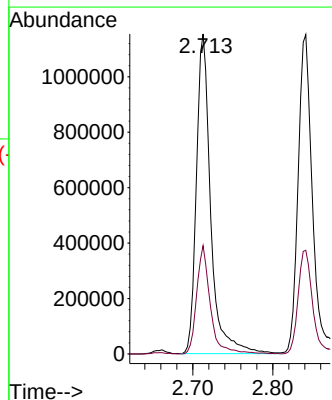
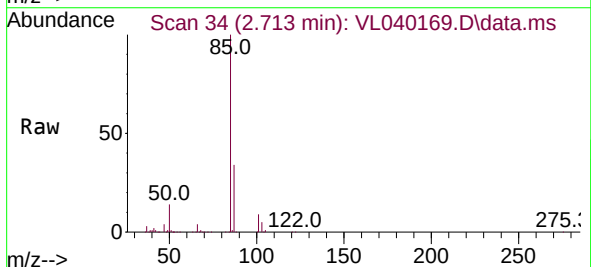
Manual Integrations
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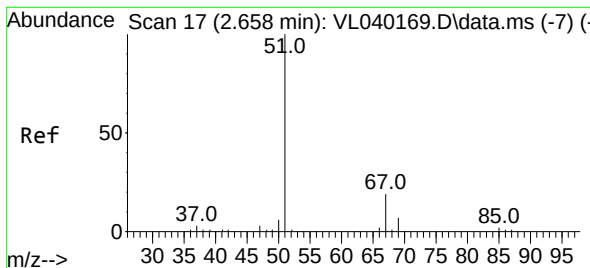
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#2
Dichlorodifluoromethane
Concen: 7.825 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 85 Resp: 1437710
Ion Ratio Lower Upper
85 100
87 33.8 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.109 ppbv

RT: 2.658 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 51 Resp: 1072658

Ion Ratio Lower Upper

51 100

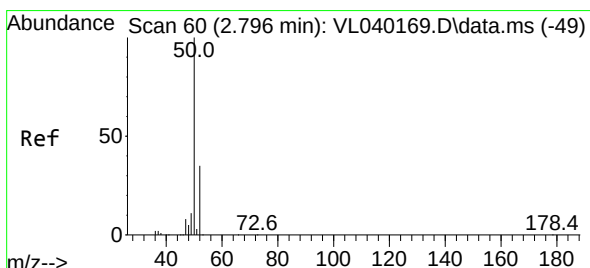
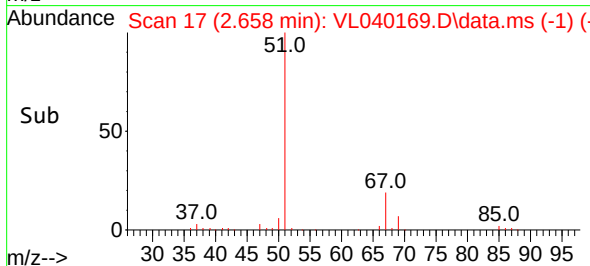
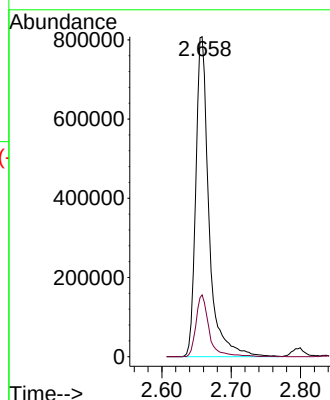
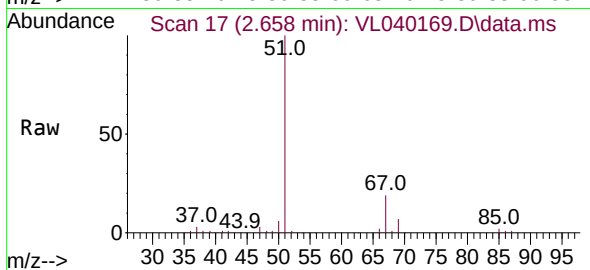
67 19.3 15.4 23.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#4

Chloromethane

Concen: 9.058 ppbv

RT: 2.796 min Scan# 60

Delta R.T. 0.000 min

Lab File: VL040169.D

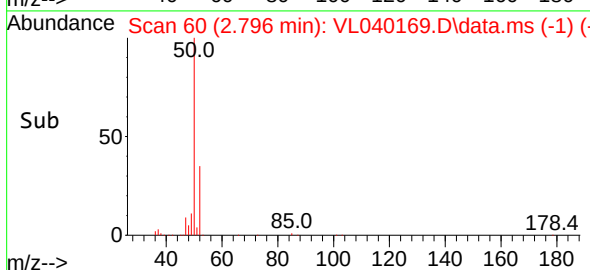
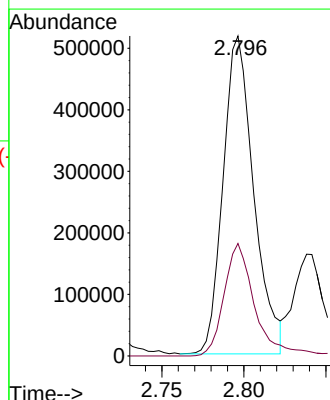
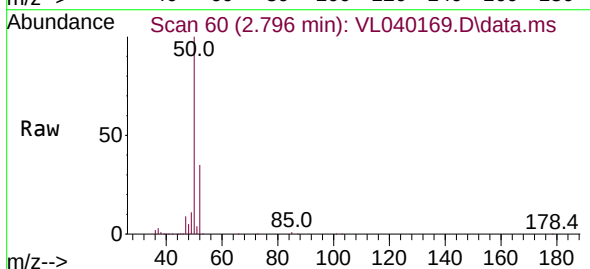
Acq: 15 Feb 2023 10:28

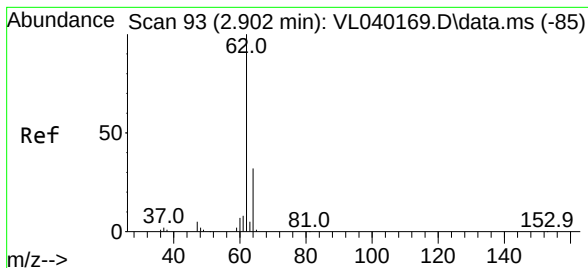
Tgt Ion: 50 Resp: 670009

Ion Ratio Lower Upper

50 100

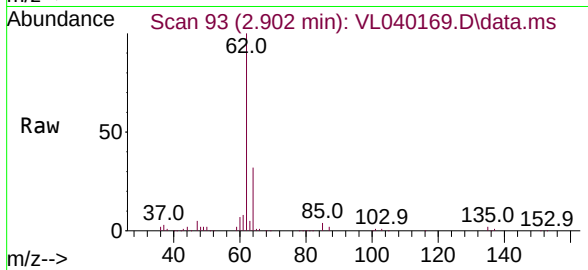
52 35.4 28.3 42.5





#5
 Vinyl Chloride
 Concen: 9.712 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

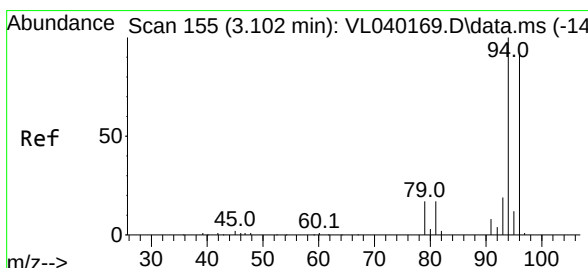
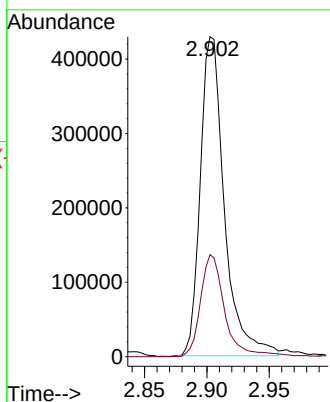
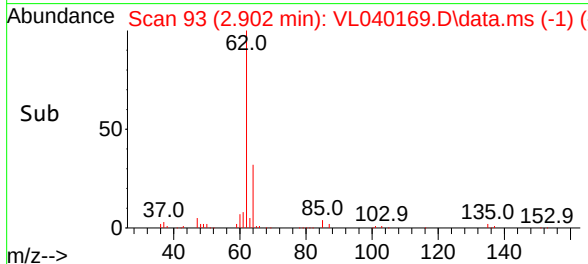
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion: 62 Resp: 577325
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.6 38.4

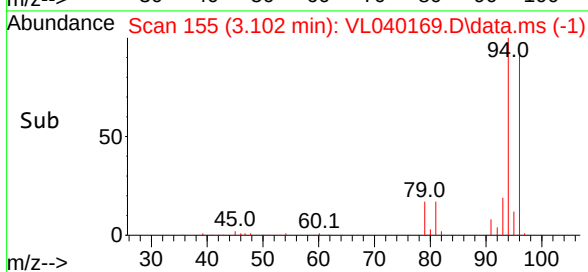
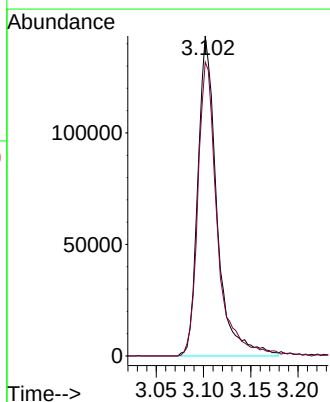
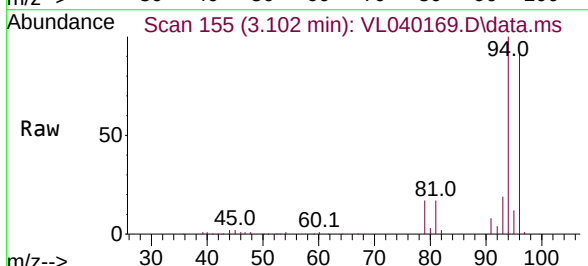
Manual Integrations
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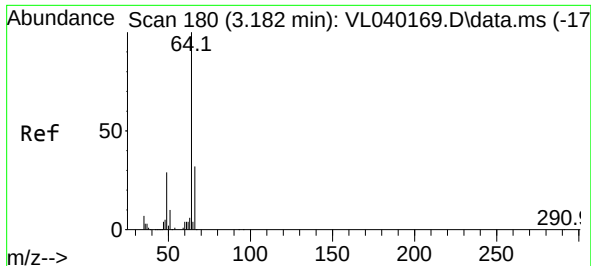
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#6
 Bromomethane
 Concen: 9.370 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

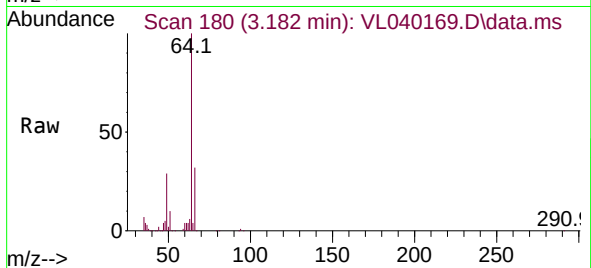
Tgt Ion: 94 Resp: 201022
 Ion Ratio Lower Upper
 94 100
 96 91.8 73.4 110.2





#7
Chloroethane
Concen: 8.985 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

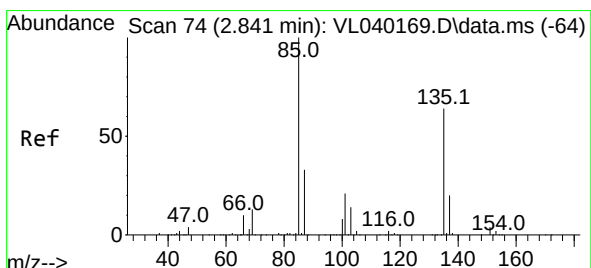
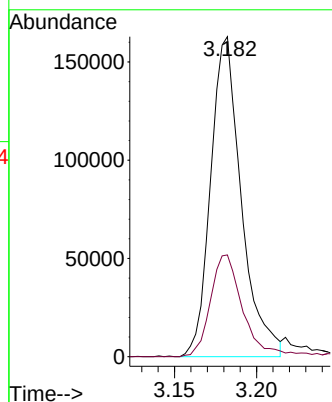
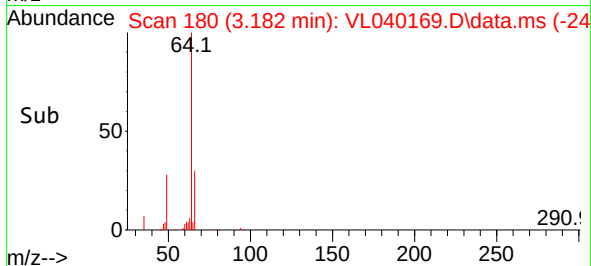
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 64 Resp: 21180
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

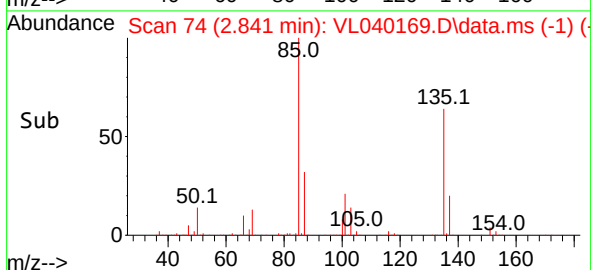
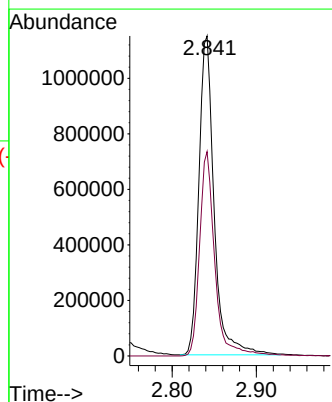
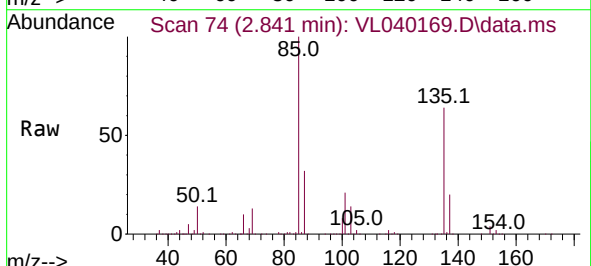
Manual Integrations
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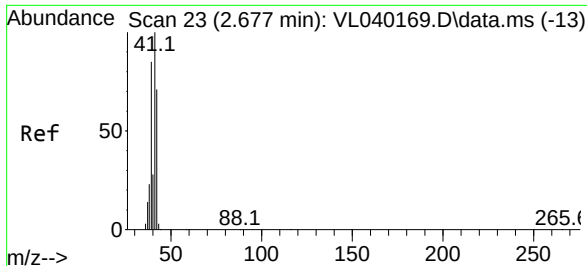
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#8
Dichlorotetrafluoroethane
Concen: 9.136 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

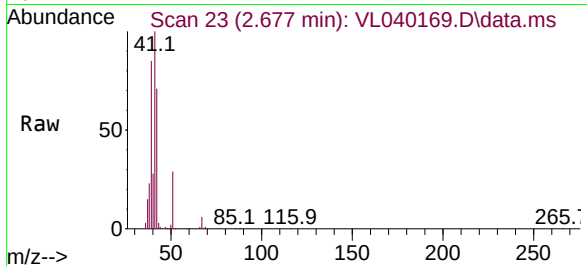
Tgt Ion: 85 Resp: 1446431
Ion Ratio Lower Upper
85 100
135 64.4 51.5 77.3





#9
 Propene
 Concen: 9.335 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

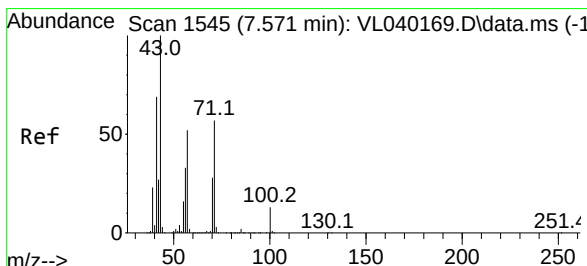
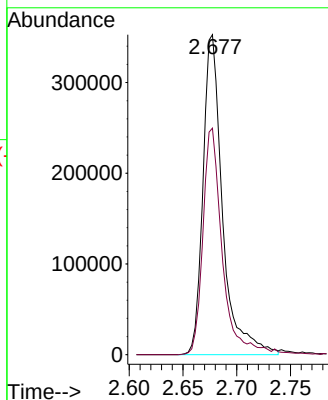
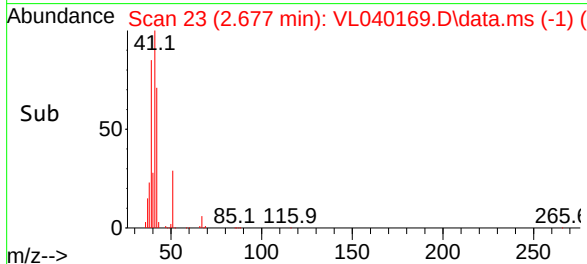
Instrument :
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 ClientSampleId :
 VSTDICCC010



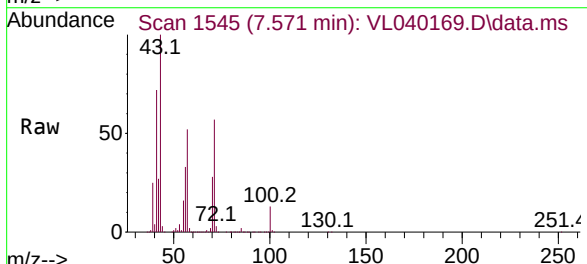
Tgt Ion: 41 Resp: 448117
 Ion Ratio Lower Upper
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 42 71.1 56.9 85.3

Manual Integrations
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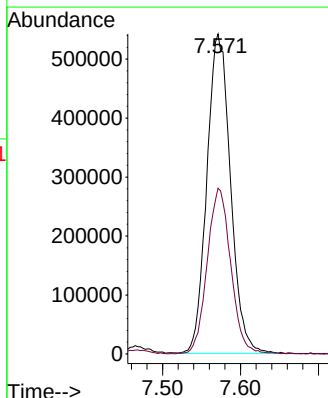
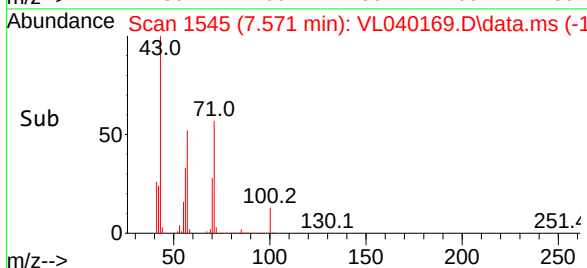
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

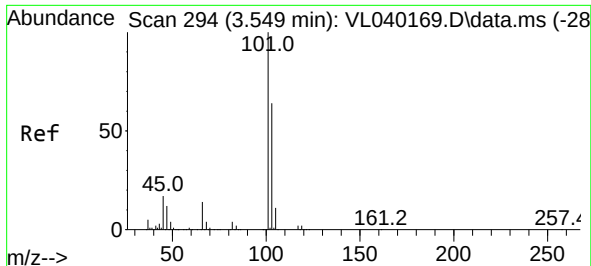


#10
 Heptane
 Concen: 9.981 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28



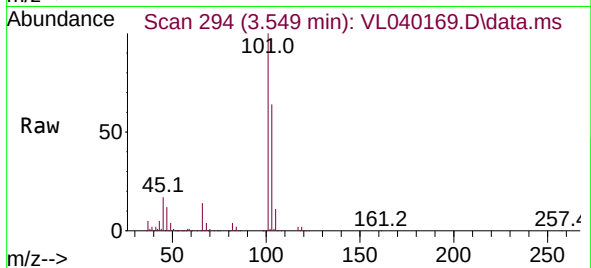
Tgt Ion: 43 Resp: 1140377
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 8.948 ppbv
 RT: 3.549 min Scan# 294
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

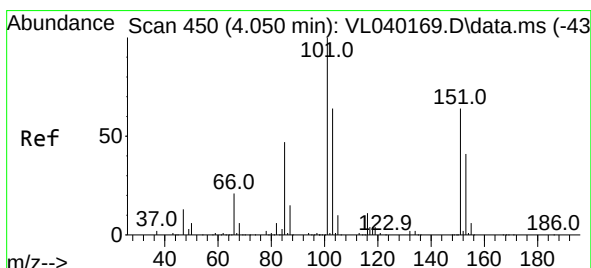
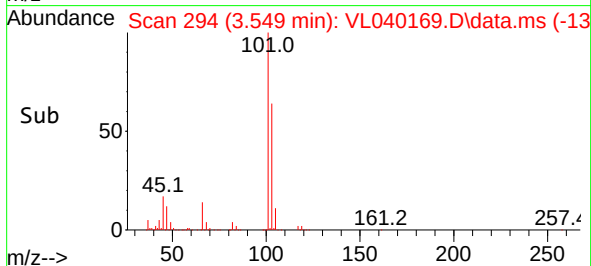
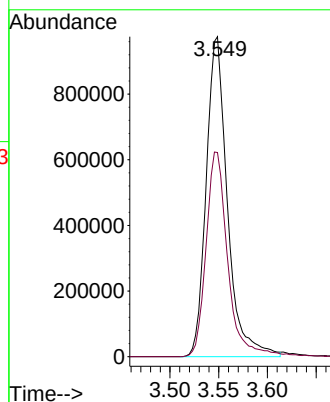
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



Tgt Ion:101 Resp: 1475090
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.0 76.6

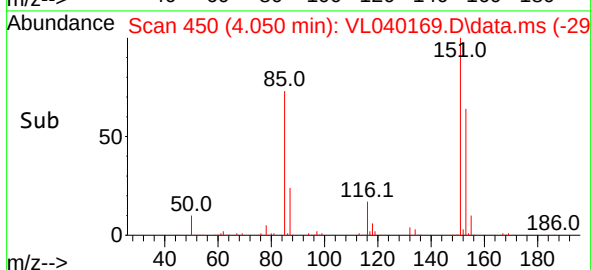
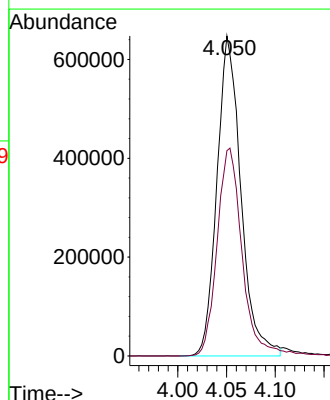
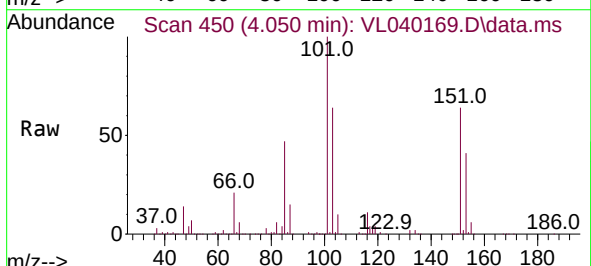
Manual Integrations
 APPROVED

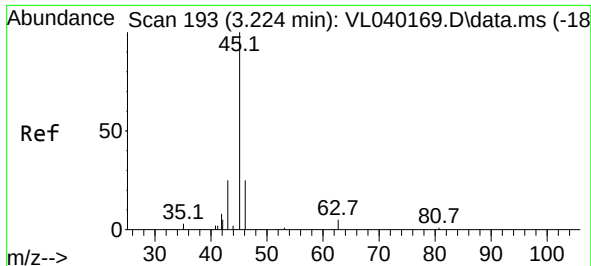
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.102 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

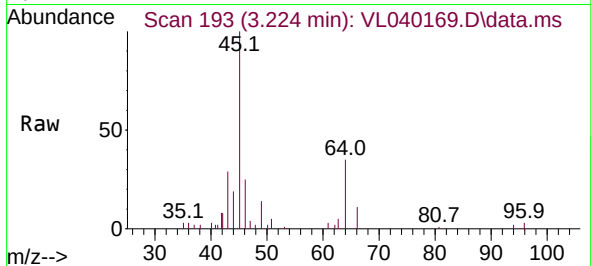
Tgt Ion:101 Resp: 1106904
 Ion Ratio Lower Upper
 101 100
 151 68.4 54.7 82.1





#13
Ethanol
Concen: 3.252 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

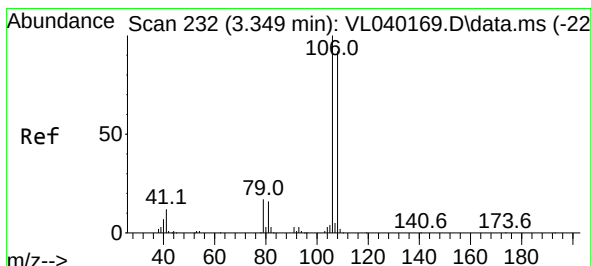
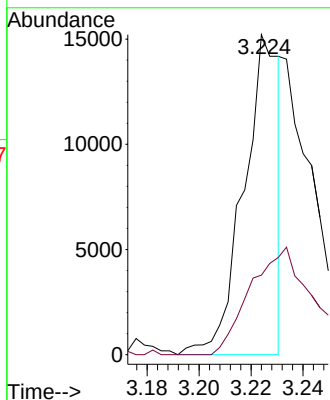
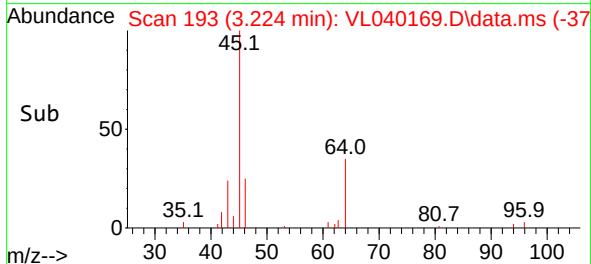
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



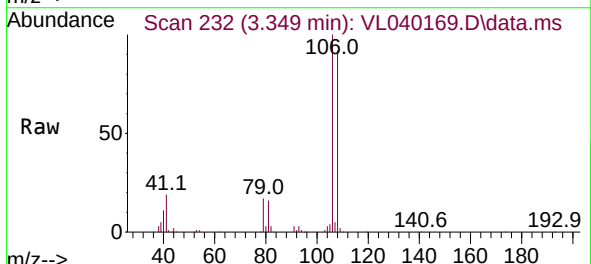
Tgt Ion: 45 Resp: 1437
Ion Ratio Lower Upper
45 100
46 70.4 13.3 53.1

Manual Integrations
APPROVED

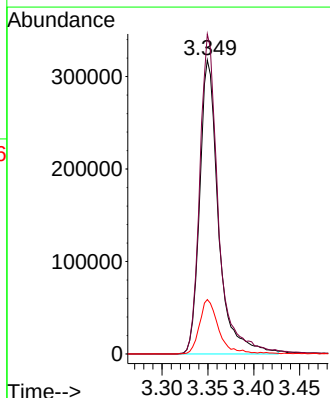
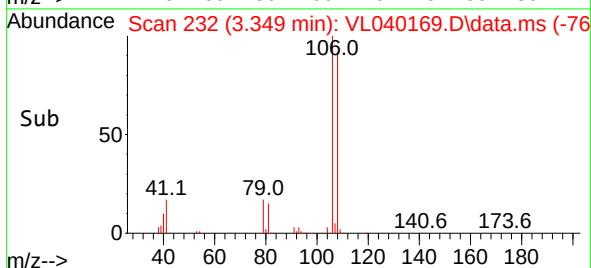
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

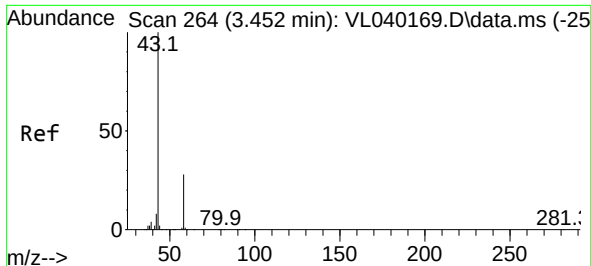


#14
Bromoethene
Concen: 9.722 ppbv
RT: 3.349 min Scan# 232
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28



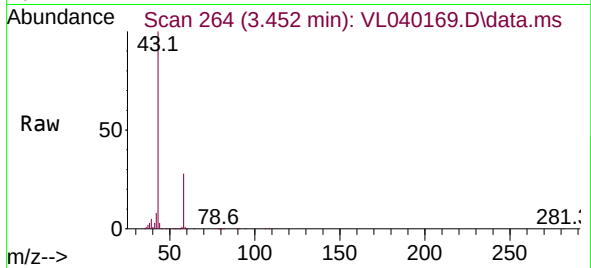
Tgt Ion:108 Resp: 453401
Ion Ratio Lower Upper
108 100
106 109.0 87.1 130.7
79 19.5 15.4 23.2





#15
Acetone
Concen: 8.497 ppbv
RT: 3.452 min Scan# 264
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

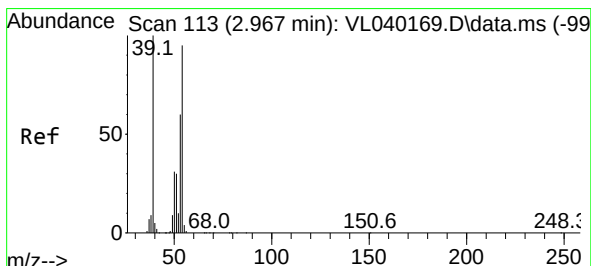
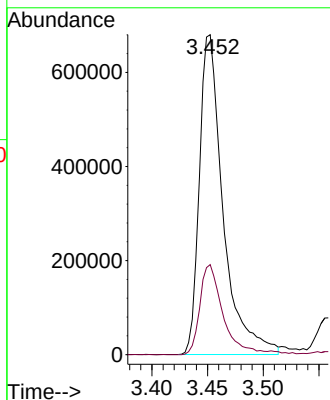
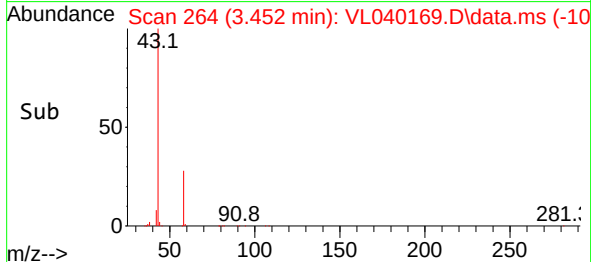
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



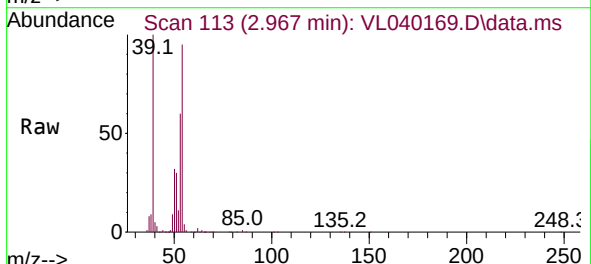
Tgt Ion: 43 Resp: 100846
Ion Ratio Lower Upper
43 100
58 28.0 22.4 33.6

Manual Integrations
APPROVED

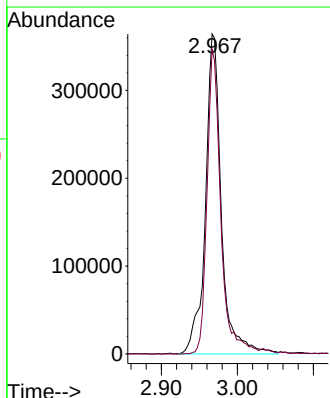
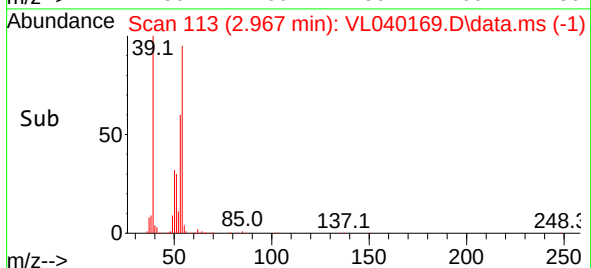
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

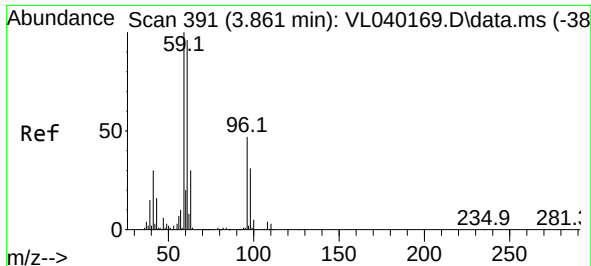


#16
1,3-Butadiene
Concen: 9.803 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28



Tgt Ion: 39 Resp: 531358
Ion Ratio Lower Upper
39 100
54 83.4 66.7 100.1





#17

tert-Butyl alcohol

Concen: 9.942 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 59 Resp: 1076140

Ion Ratio Lower Upper

59 100

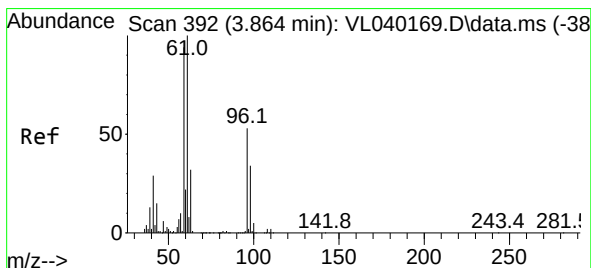
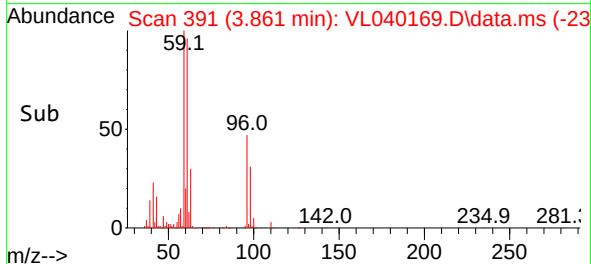
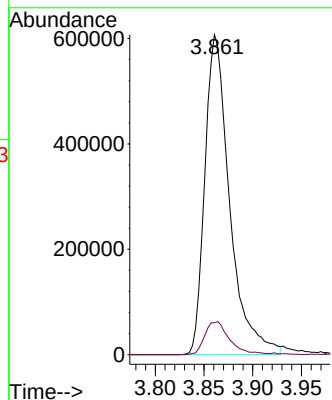
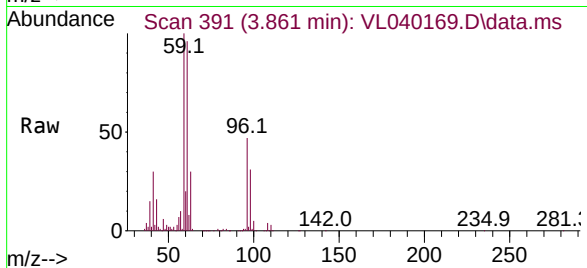
57 10.6 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#18

1,1-Dichloroethene

Concen: 9.214 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

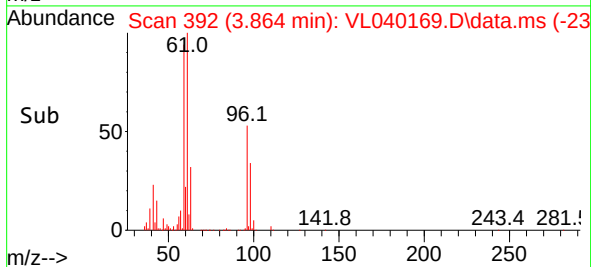
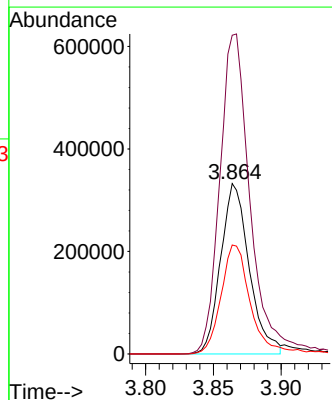
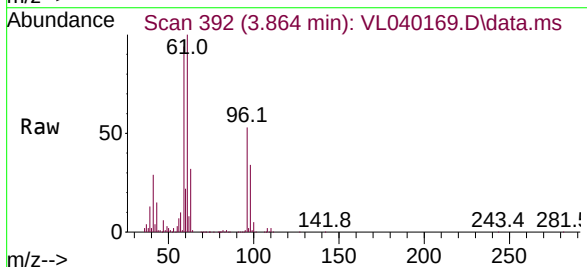
Tgt Ion: 96 Resp: 486900

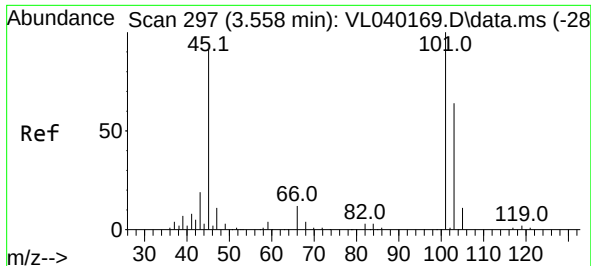
Ion Ratio Lower Upper

96 100

61 187.0 149.6 224.4

98 63.9 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.064 ppbv

RT: 3.558 min Scan# 297

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 45 Resp: 51135

Ion Ratio Lower Upper

45 100

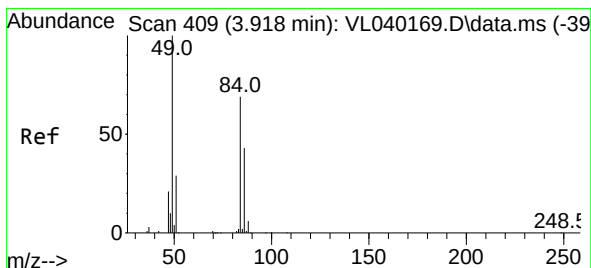
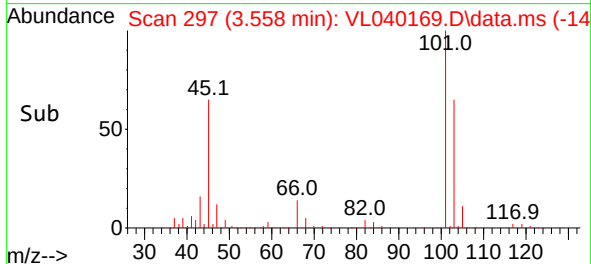
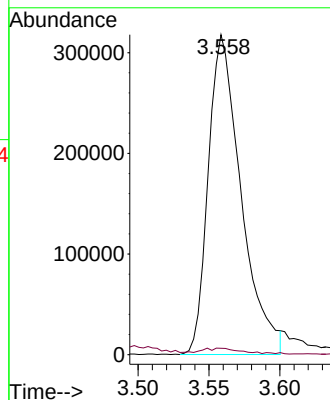
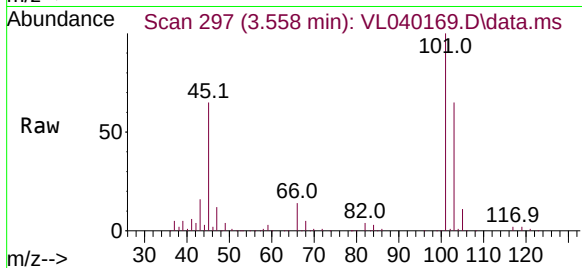
58 2.5 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#20

Methylene Chloride

Concen: 6.836 ppbv

RT: 3.918 min Scan# 409

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Tgt Ion: 84 Resp: 422328

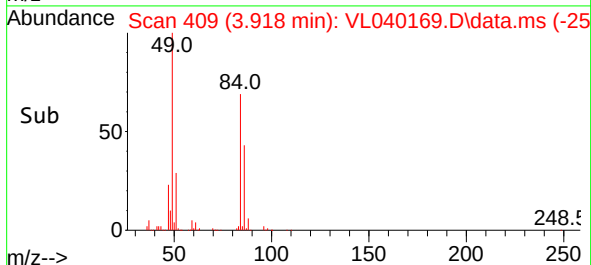
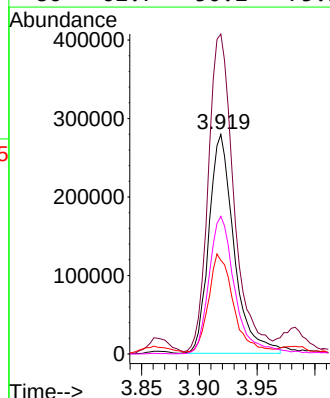
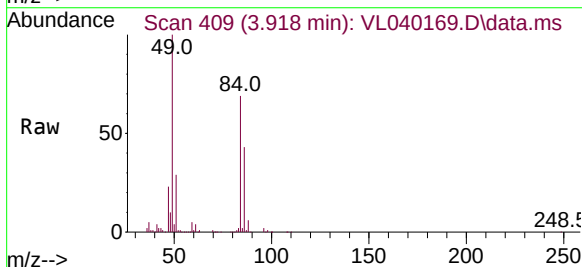
Ion Ratio Lower Upper

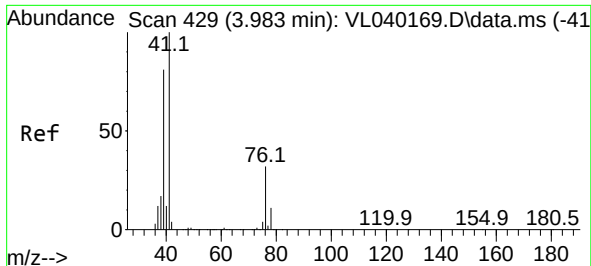
84 100

49 144.4 115.5 173.3

51 41.4 33.1 49.7

86 62.7 50.2 75.2





#21

Allyl Chloride

Concen: 10.056 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

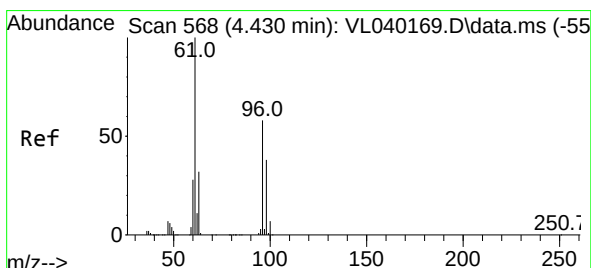
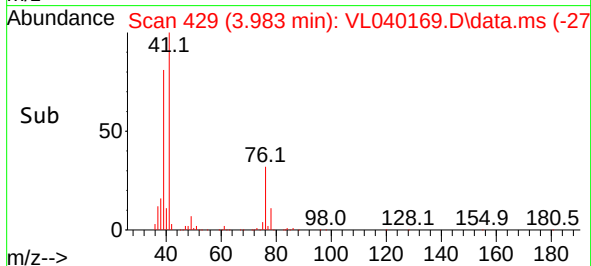
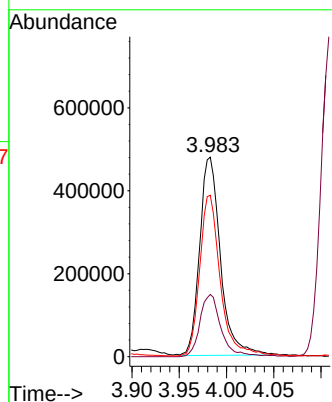
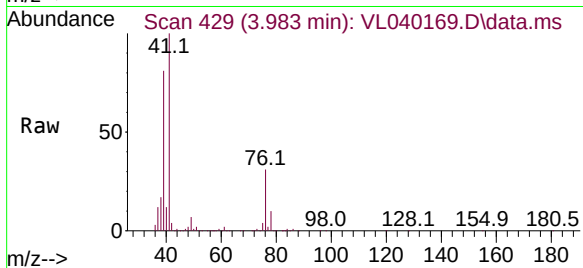
Tgt Ion: 41 Resp: 732008

Ion	Ratio	Lower	Upper
41	100		
76	32.1	25.5	38.3
39	80.8	64.5	96.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#22

trans-1,2-Dichloroethene

Concen: 9.542 ppbv

RT: 4.430 min Scan# 568

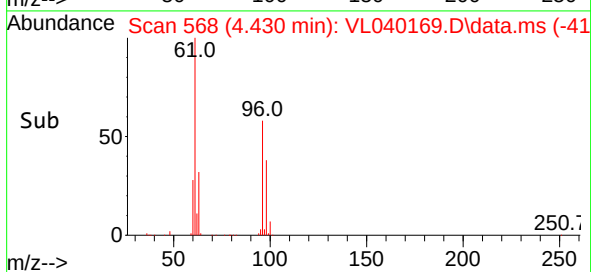
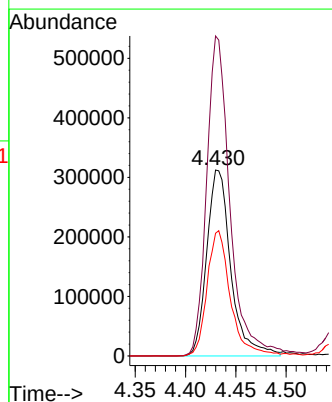
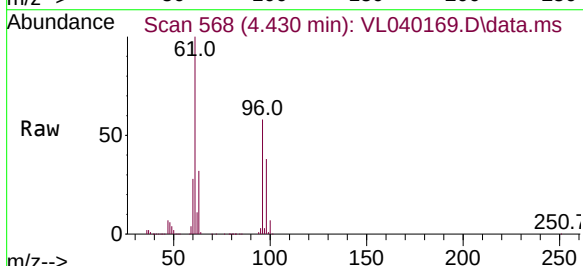
Delta R.T. 0.000 min

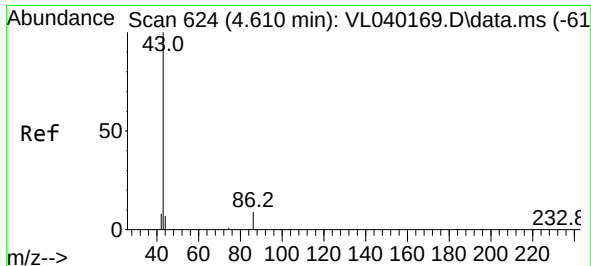
Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Tgt Ion: 96 Resp: 522120

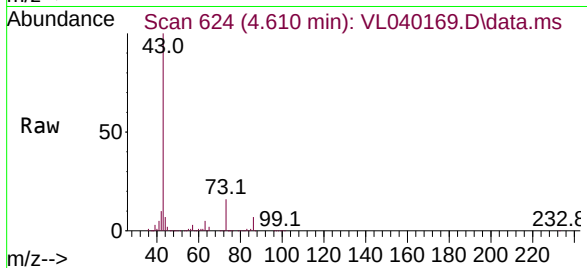
Ion	Ratio	Lower	Upper
96	100		
61	171.9	137.5	206.3
98	66.0	52.8	79.2





#23
 Vinyl Acetate
 Concen: 10.024 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

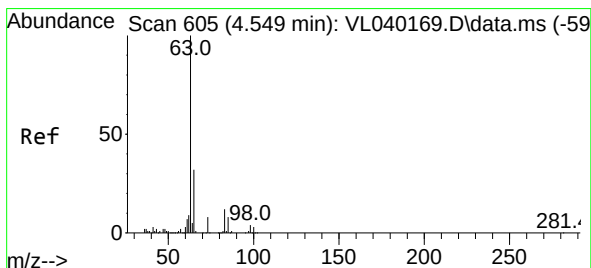
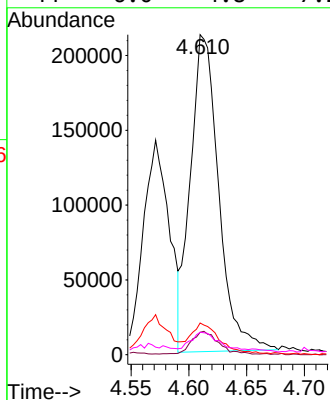
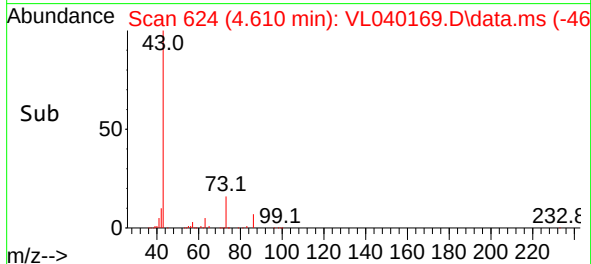
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



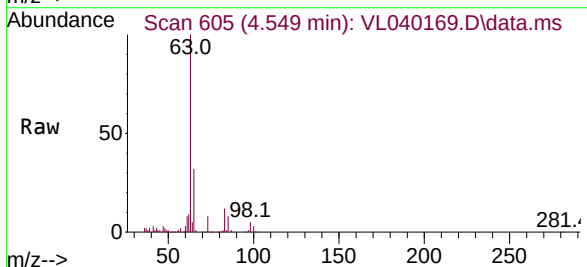
Tgt Ion: 43 Resp: 36104
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.6 8.4
 42 9.5 7.6 11.4
 44 6.0 4.8 7.2

Manual Integrations
 APPROVED

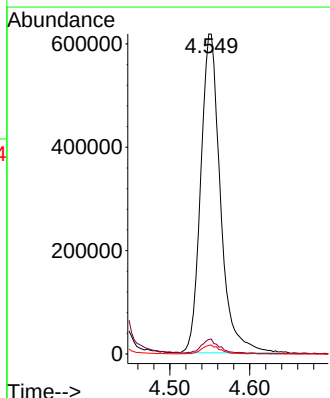
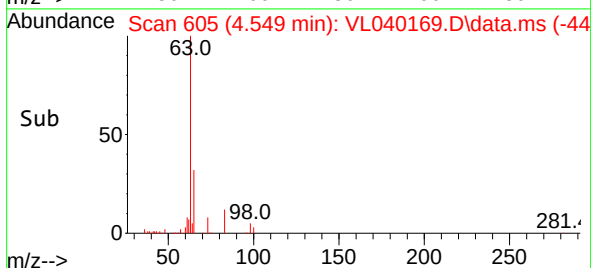
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

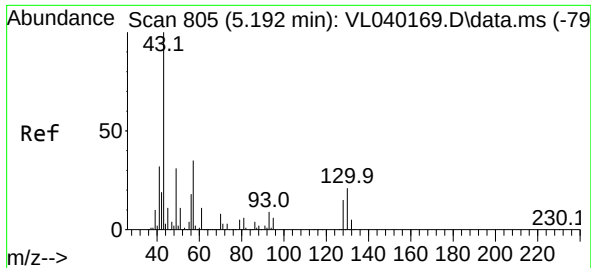


#24
 1,1-Dichloroethane
 Concen: 9.384 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28



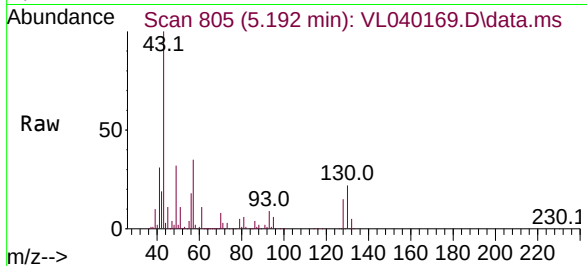
Tgt Ion: 63 Resp: 1056465
 Ion Ratio Lower Upper
 63 100
 98 4.5 2.3 6.8
 100 2.7 1.4 4.0





#25
Ethyl Acetate
Concen: 9.434 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

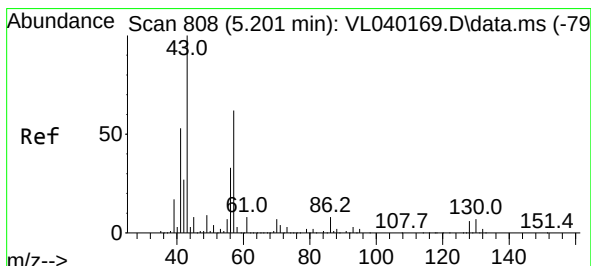
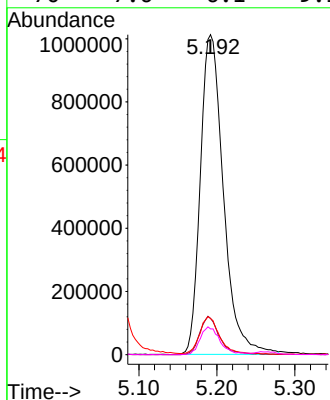
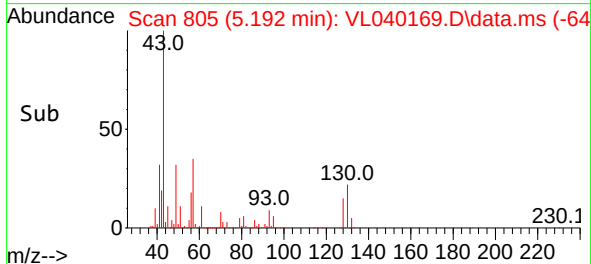


Tgt Ion: 43 Resp: 208134

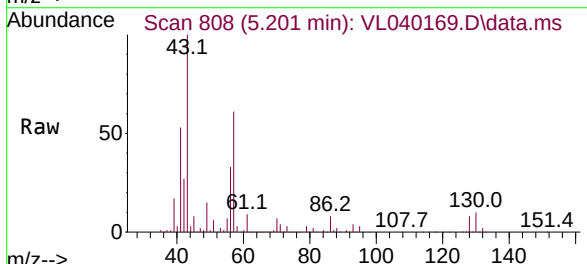
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.3	12.5
61	10.5	8.4	12.6
70	7.6	6.1	9.1

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

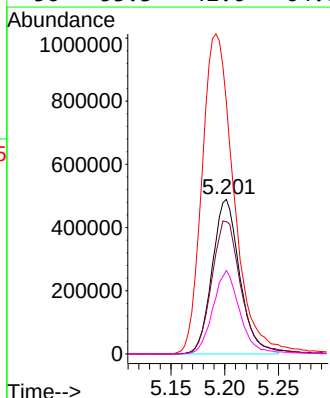
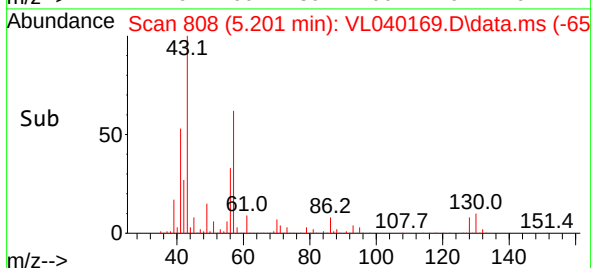


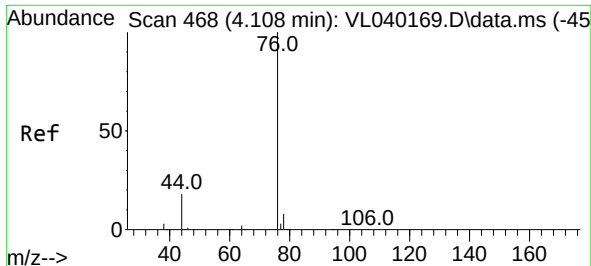
#26
Hexane
Concen: 9.204 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28



Tgt Ion: 57 Resp: 871716

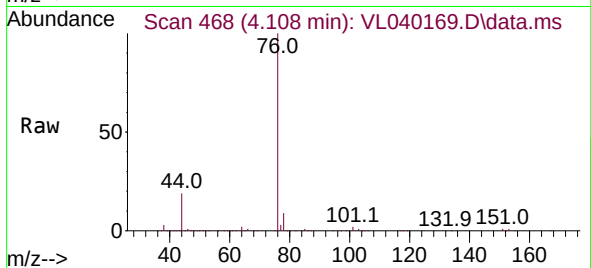
Ion	Ratio	Lower	Upper
57	100		
41	92.9	74.3	111.5
43	241.2	193.0	289.4
56	53.3	42.6	64.0





#27
Carbon Disulfide
Concen: 10.420 ppbv
RT: 4.108 min Scan# 468
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

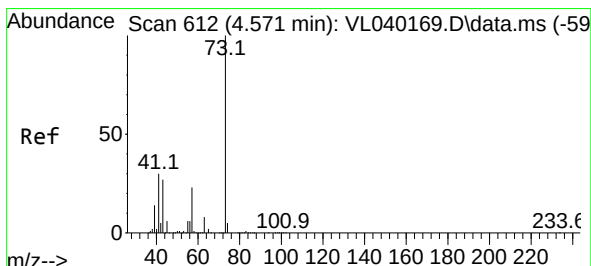
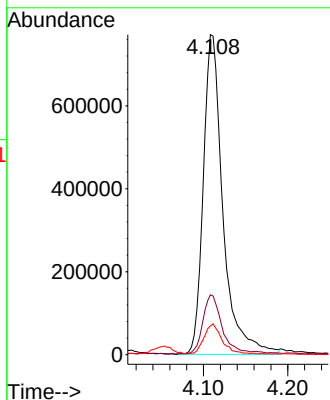
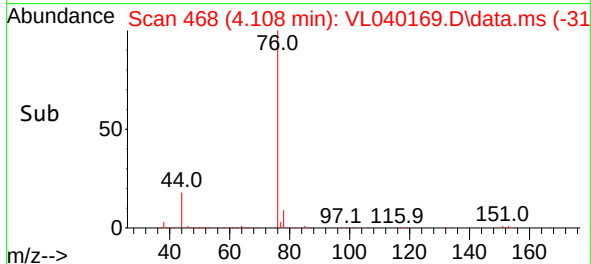
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 76 Resp: 1252289
Ion Ratio Lower Upper
76 100
44 18.5 15.3 22.9
78 9.8 7.7 11.5

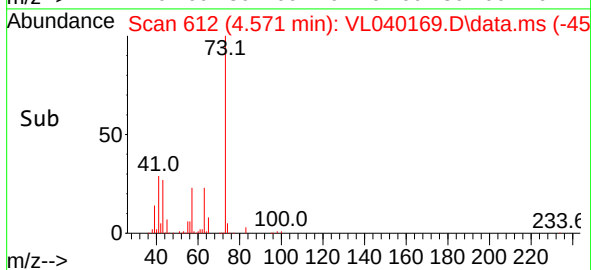
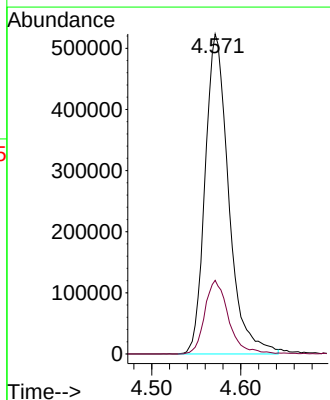
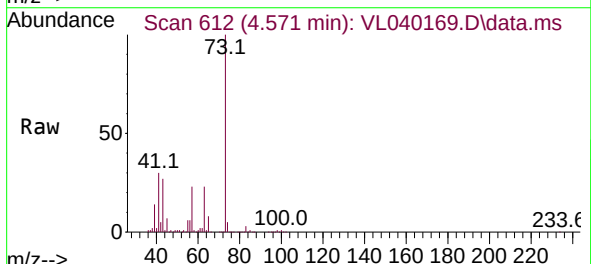
Manual Integrations
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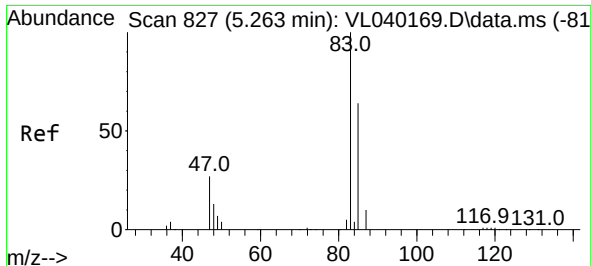
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#28
Methyl tert-Butyl Ether
Concen: 9.471 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 73 Resp: 961181
Ion Ratio Lower Upper
73 100
57 23.4 18.8 28.2





#29

Chloroform

Concen: 9.210 ppbv

RT: 5.263 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 149791

Ion Ratio Lower Upper

83 100

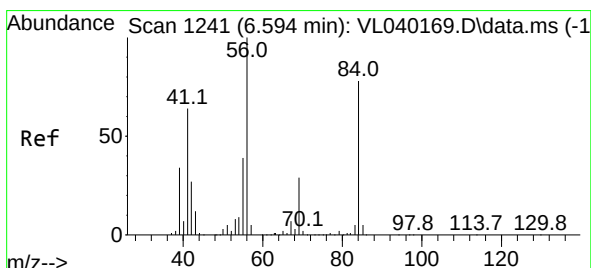
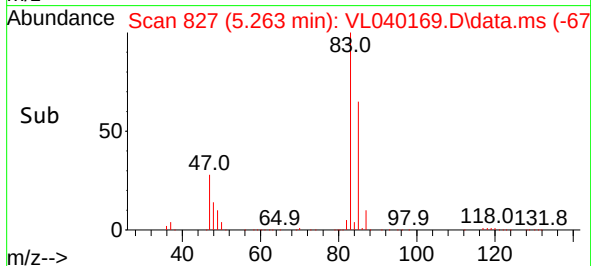
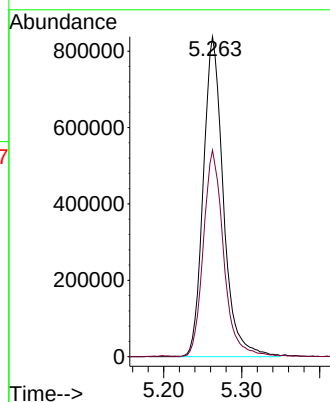
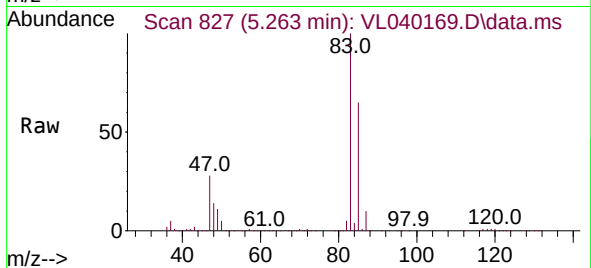
85 64.4 51.5 77.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#30

Cyclohexane

Concen: 10.025 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

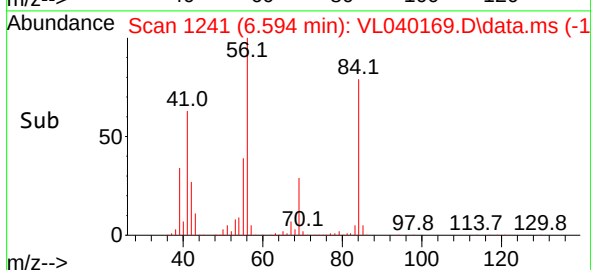
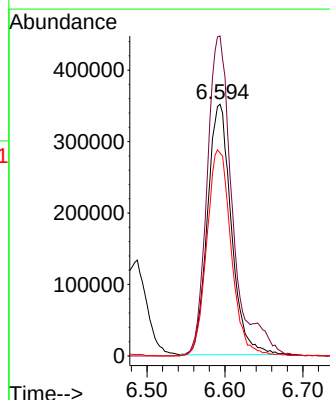
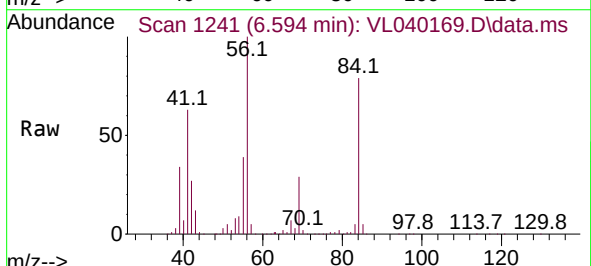
Tgt Ion: 84 Resp: 745582

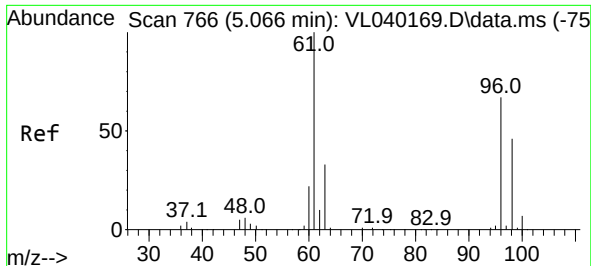
Ion Ratio Lower Upper

84 100

56 137.4 109.9 164.9

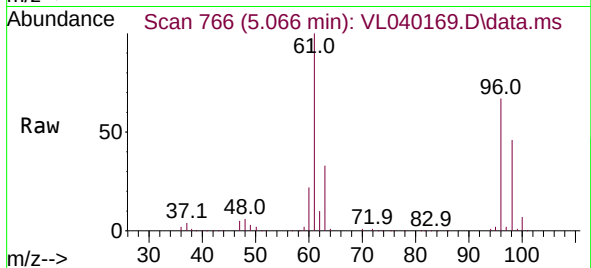
41 84.2 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 9.059 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

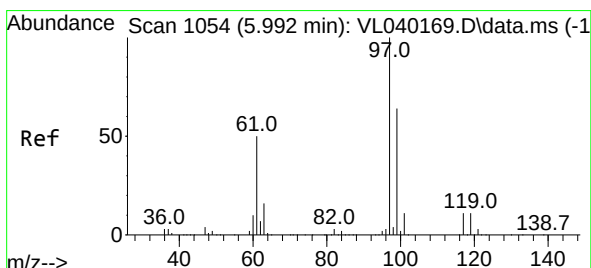
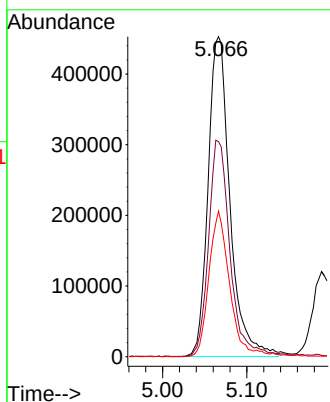
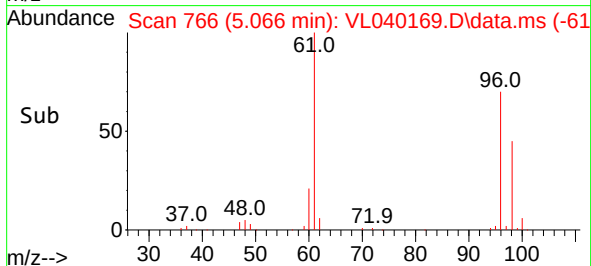
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010



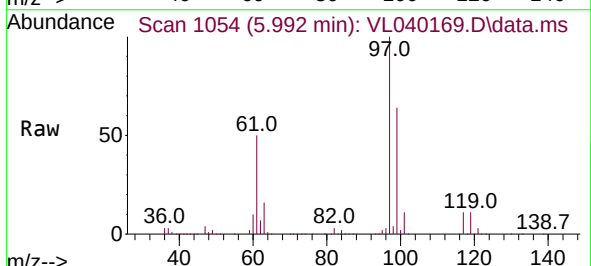
Tgt Ion: 61 Resp: 815260
 Ion Ratio Lower Upper
 61 100
 96 67.1 53.7 80.5
 98 45.5 36.4 54.6

Manual Integrations
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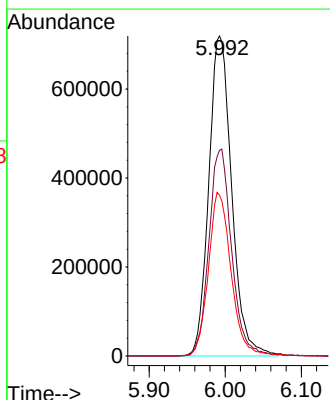
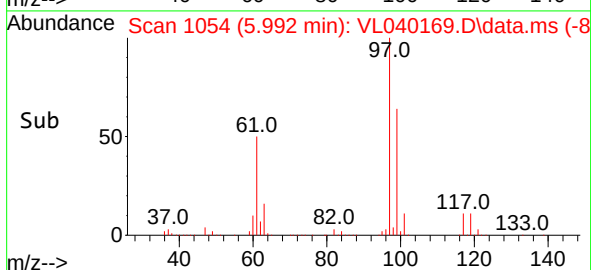
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023

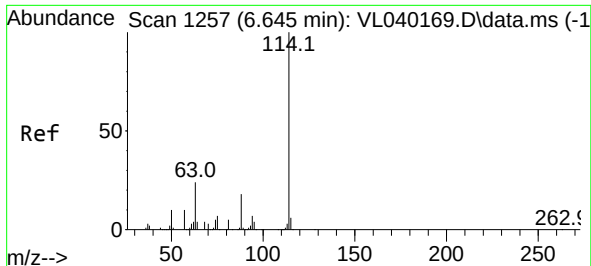


#32
 1,1,1-Trichloroethane
 Concen: 9.842 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28



Tgt Ion: 97 Resp: 1503825
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.5 77.3
 61 50.7 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:114 Resp: 257219

Ion Ratio Lower Upper

114 100

63 25.5 20.4 30.6

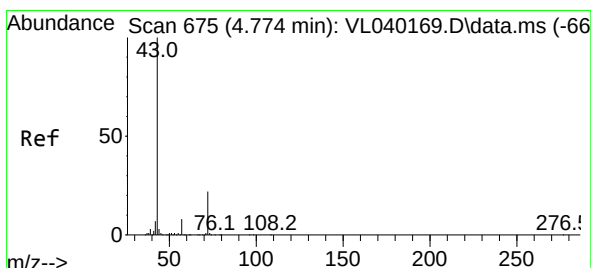
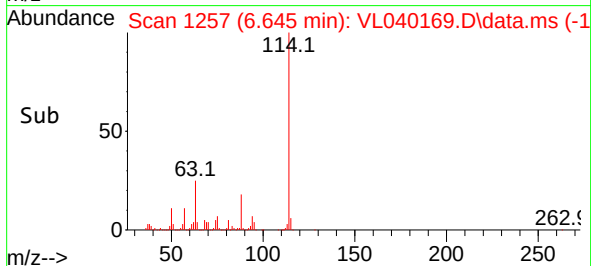
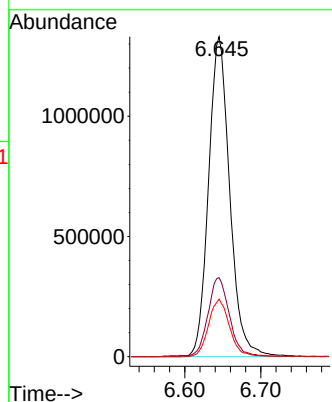
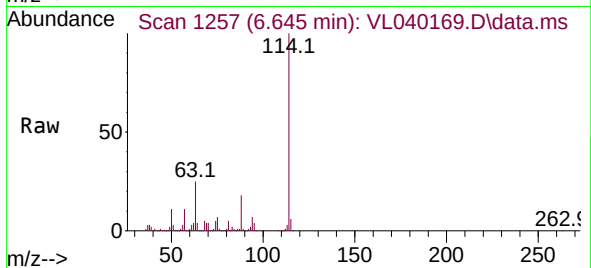
88 17.9 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#34

2-Butanone

Concen: 9.231 ppbv

RT: 4.774 min Scan# 675

Delta R.T. 0.000 min

Lab File: VL040169.D

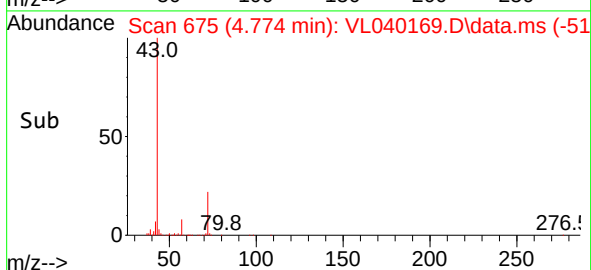
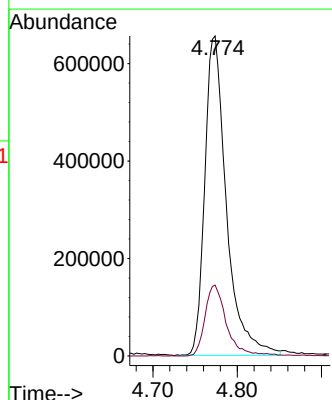
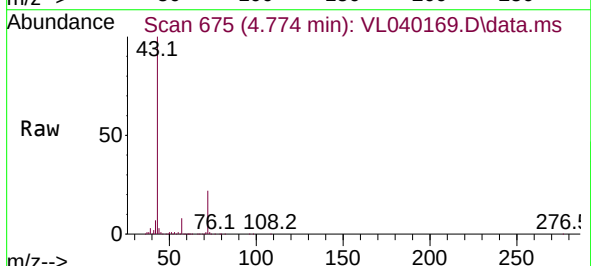
Acq: 15 Feb 2023 10:28

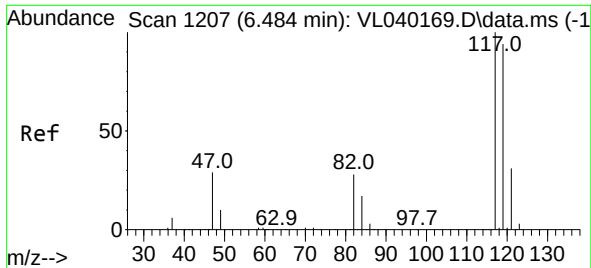
Tgt Ion: 43 Resp: 1171309

Ion Ratio Lower Upper

43 100

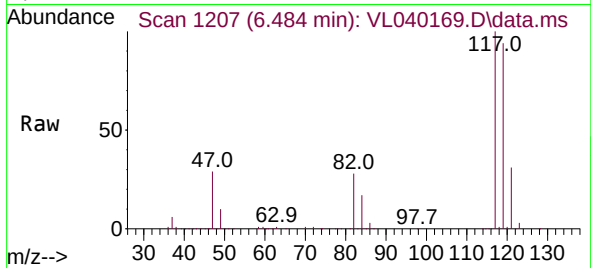
72 22.4 17.8 26.8





#35
Carbon Tetrachloride
Concen: 10.265 ppbv
RT: 6.484 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

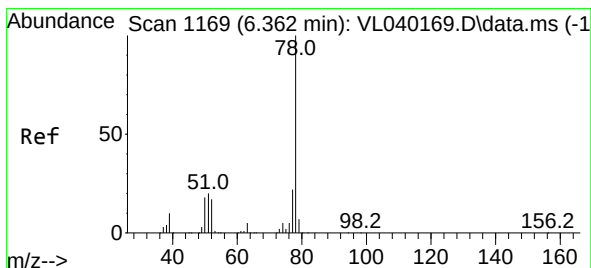
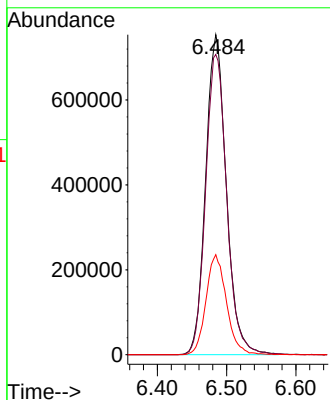
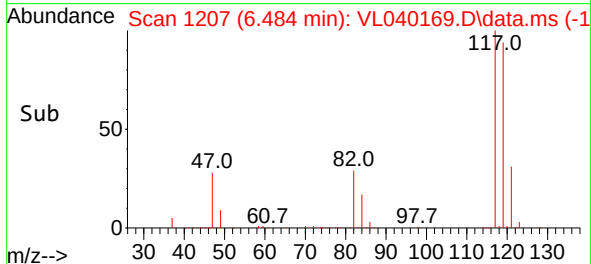
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:117 Resp: 1560919
Ion Ratio Lower Upper
117 100
119 93.8 75.0 112.6
121 31.2 25.0 37.4

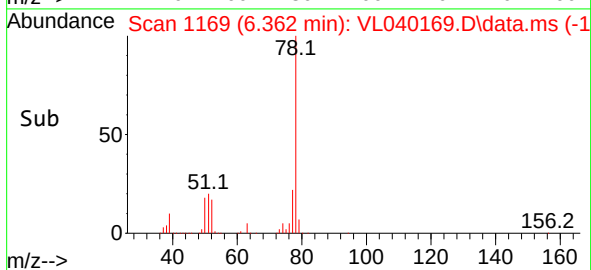
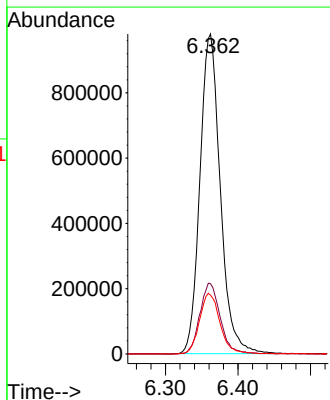
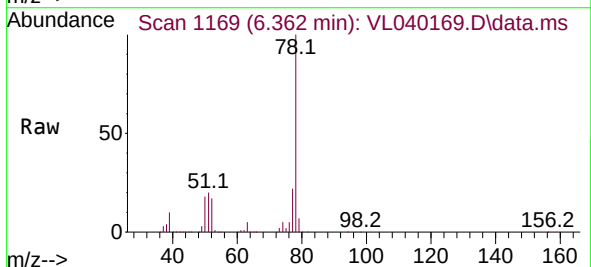
Manual Integrations
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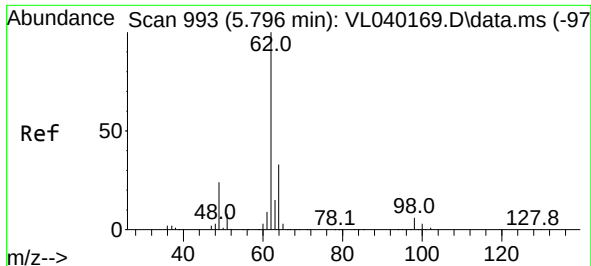
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#36
Benzene
Concen: 9.553 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

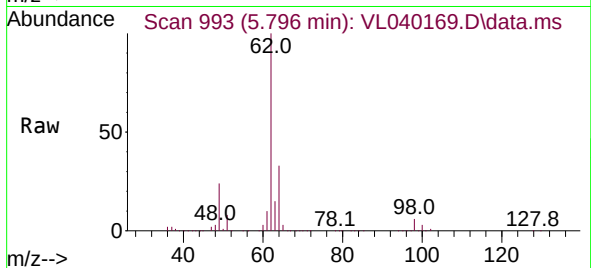
Tgt Ion: 78 Resp: 1912279
Ion Ratio Lower Upper
78 100
77 21.9 17.5 26.3
50 18.3 14.6 22.0





#37
1,2-Dichloroethane
Concen: 9.340 ppbv
RT: 5.796 min Scan# 993
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

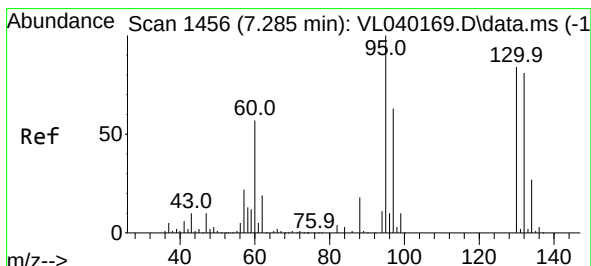
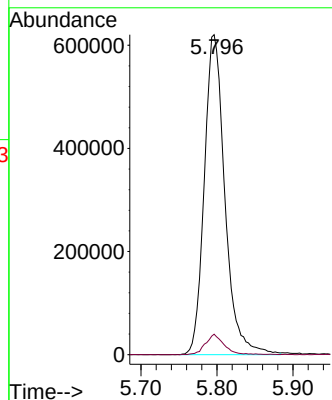
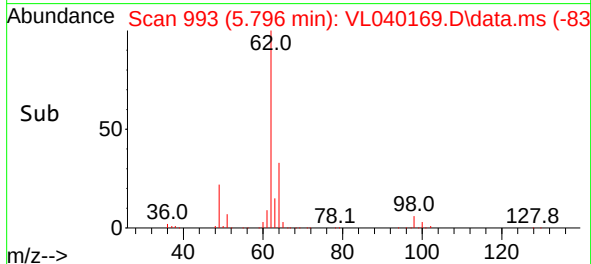
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 62 Resp: 1169250
Ion Ratio Lower Upper
62 100
98 5.9 4.7 7.1

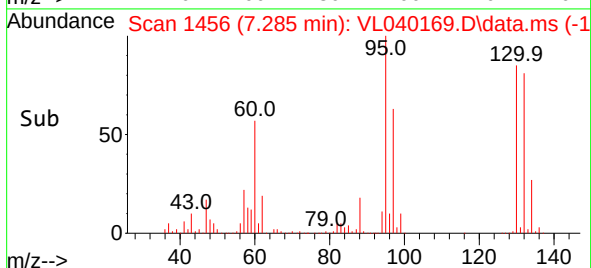
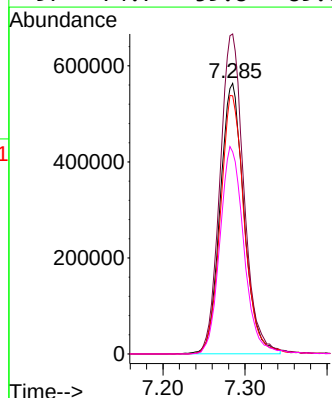
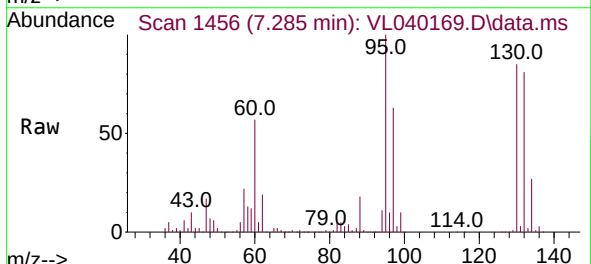
Manual Integrations
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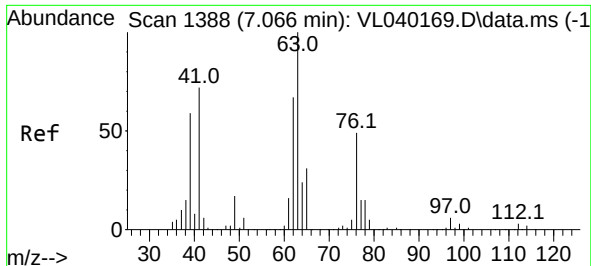
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#38
Trichloroethene
Concen: 10.297 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:130 Resp: 1135776
Ion Ratio Lower Upper
130 100
95 118.4 94.7 142.1
132 95.5 76.4 114.6
97 74.7 59.8 89.6





#39

1,2-Dichloropropane

Concen: 9.322 ppbv

RT: 7.066 min Scan# 1388

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

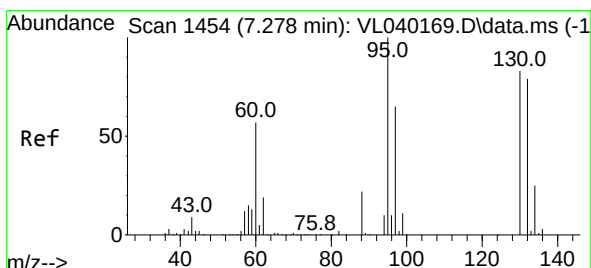
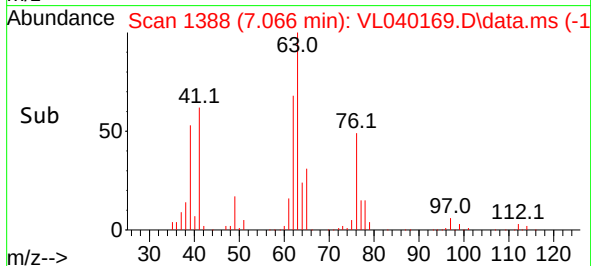
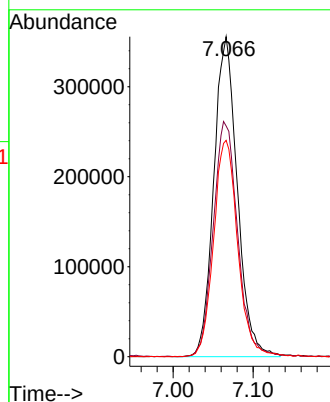
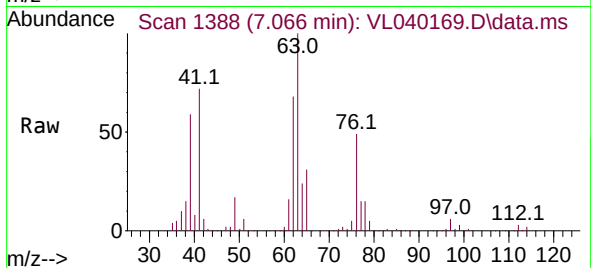
Tgt Ion: 63 Resp: 725936

Ion	Ratio	Lower	Upper
63	100		
41	72.0	57.6	86.4
62	67.5	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#40

1,4-Dioxane

Concen: 9.372 ppbv

RT: 7.278 min Scan# 1454

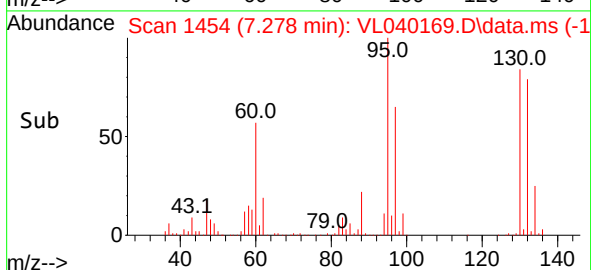
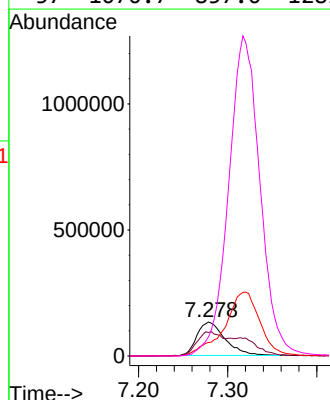
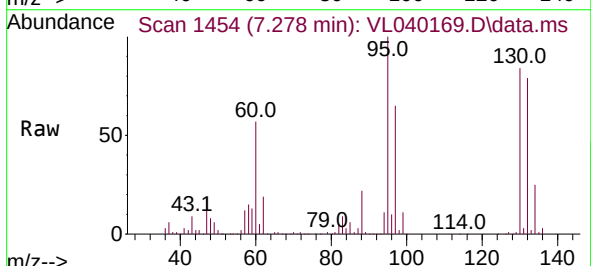
Delta R.T. 0.000 min

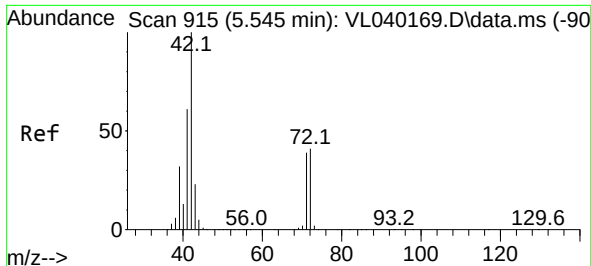
Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Tgt Ion: 88 Resp: 291936

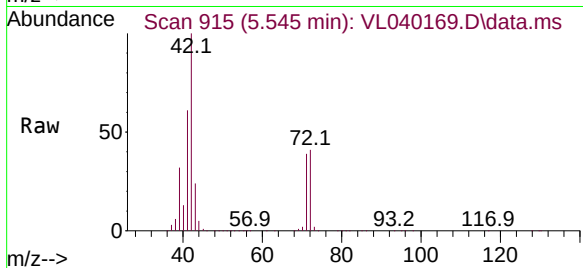
Ion	Ratio	Lower	Upper
88	100		
58	121.5	97.4	146.0
43	242.5	193.5	290.3
57	1070.7	857.0	1285.6





#41
Tetrahydrofuran
Concen: 9.953 ppbv
RT: 5.545 min Scan# 915
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

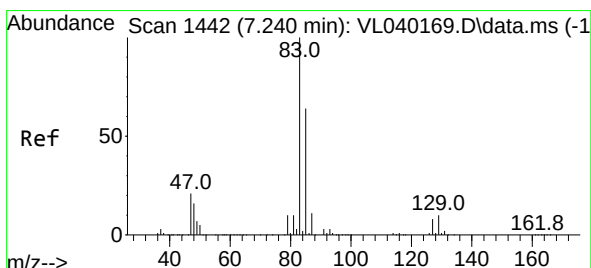
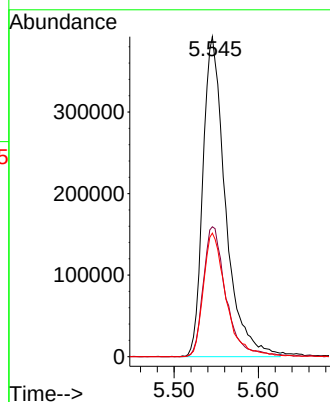
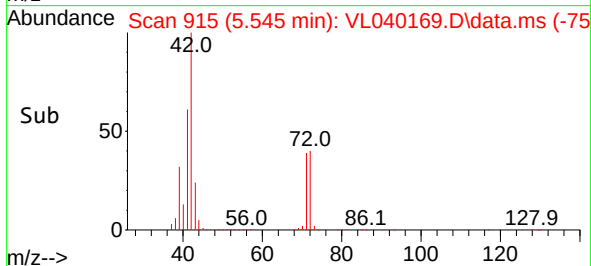
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 42 Resp: 731844
Ion Ratio Lower Upper
42 100
72 41.2 33.0 49.4
71 39.3 31.4 47.2

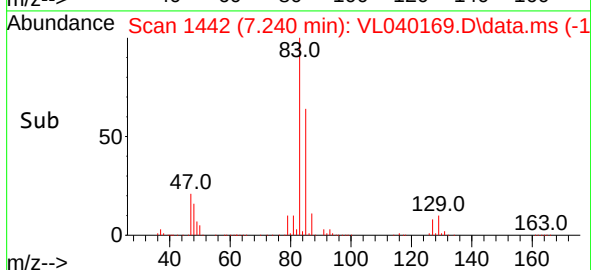
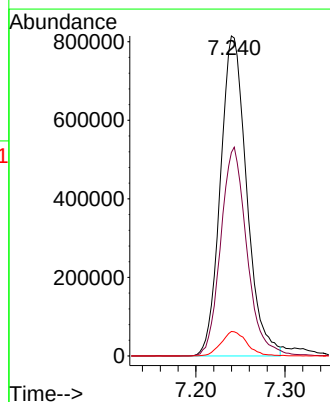
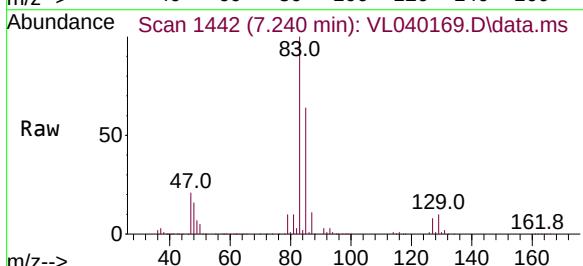
Manual Integrations
APPROVED

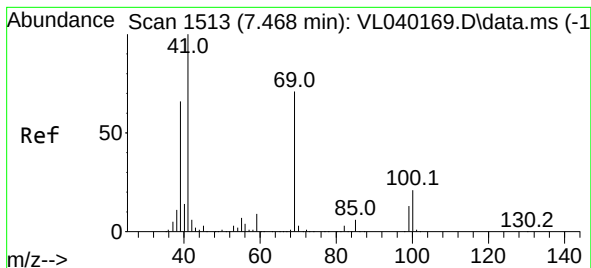
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#42
Bromodichloromethane
Concen: 9.656 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 83 Resp: 1668613
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 7.7 6.2 9.2





#43

Methyl Methacrylate

Concen: 10.240 ppbv

RT: 7.468 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 69 Resp: 75846

Ion Ratio Lower Upper

69 100

41 145.7 116.6 174.8

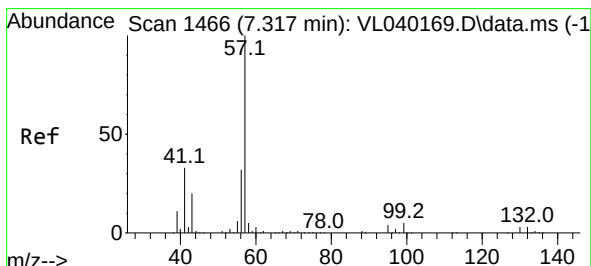
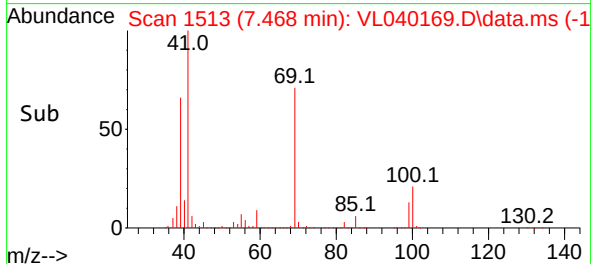
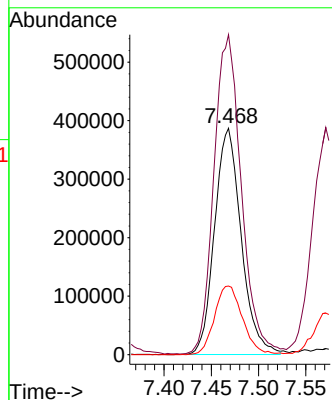
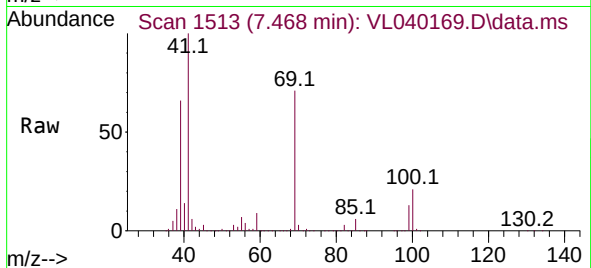
100 31.9 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#44

2,2,4-Trimethylpentane

Concen: 9.343 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

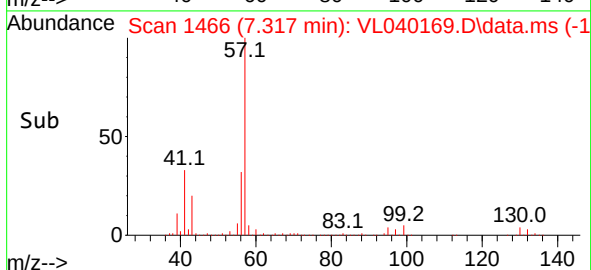
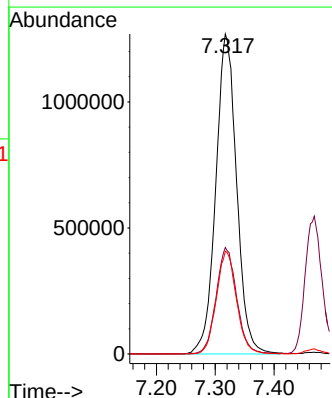
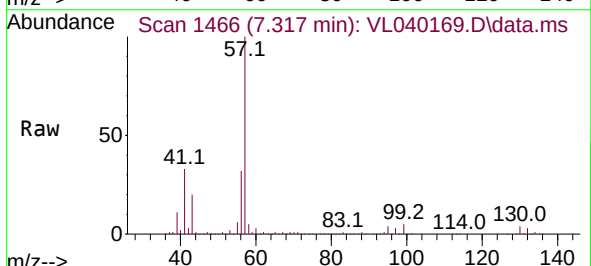
Tgt Ion: 57 Resp: 3122099

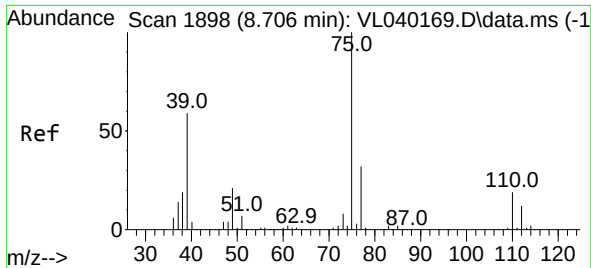
Ion Ratio Lower Upper

57 100

41 32.8 26.2 39.4

56 31.1 24.9 37.3





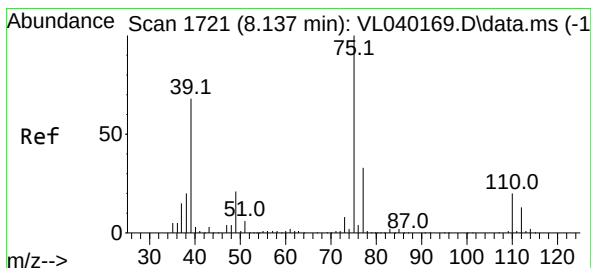
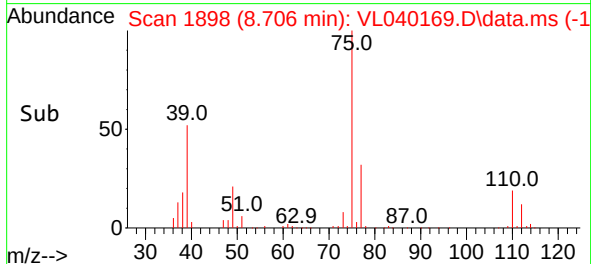
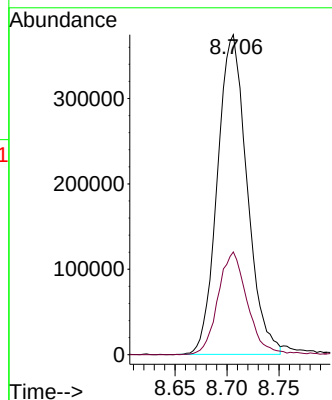
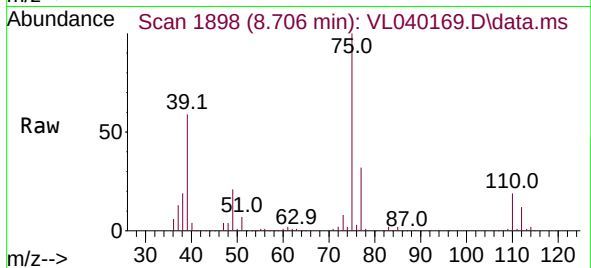
#45
 t-1,3-Dichloropropene
 Concen: 11.317 ppbv
 RT: 8.706 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 75 Resp: 743550
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.7 38.5

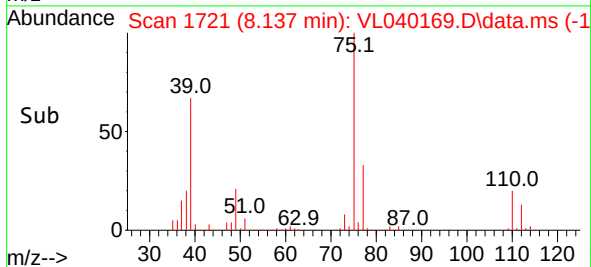
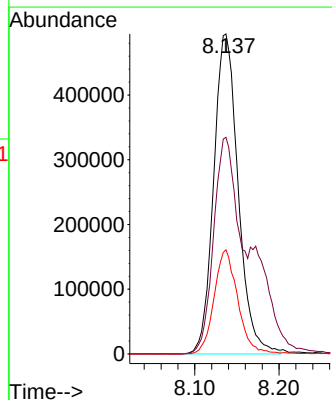
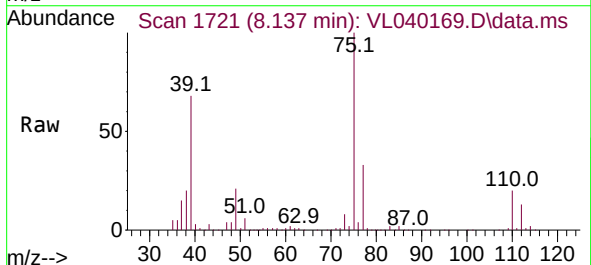
Manual Integrations
 APPROVED

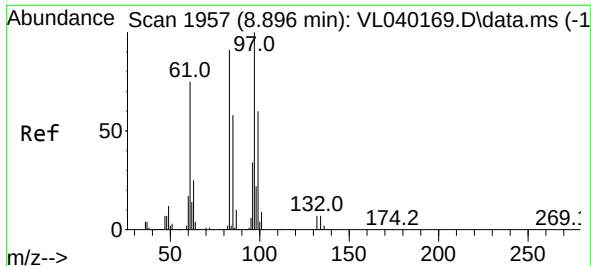
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#46
 cis-1,3-Dichloropropene
 Concen: 10.897 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

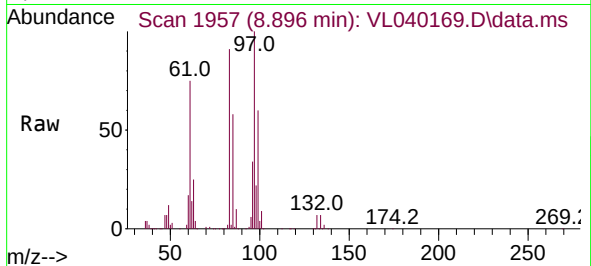
Tgt Ion: 75 Resp: 997411
 Ion Ratio Lower Upper
 75 100
 39 67.7 54.2 81.2
 77 32.5 26.0 39.0





#47
1,1,2-Trichloroethane
Concen: 9.408 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

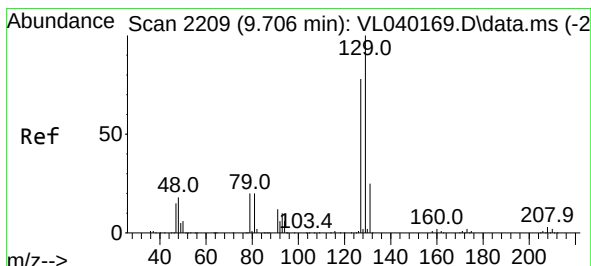
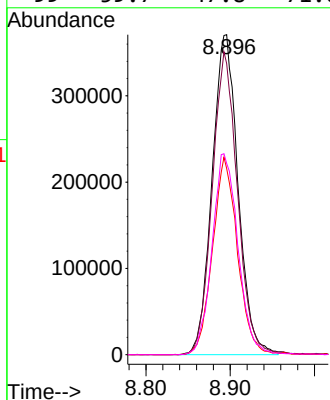
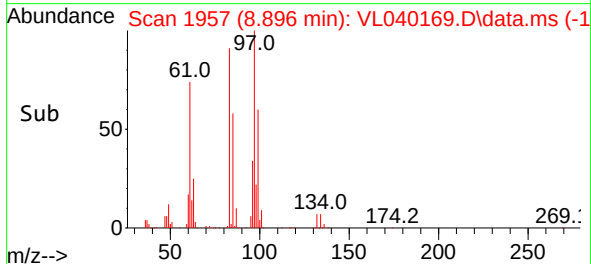
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 97 Resp: 792375
Ion Ratio Lower Upper
97 100
83 91.0 72.8 109.2
85 58.2 46.6 69.8
99 59.7 47.8 71.6

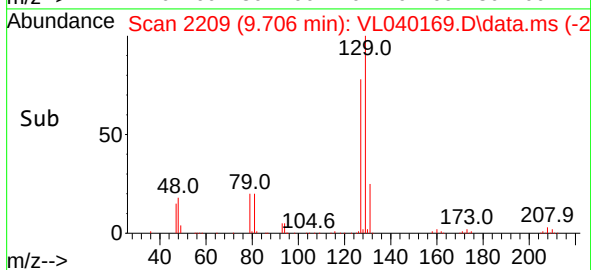
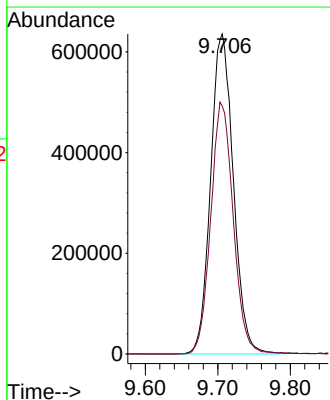
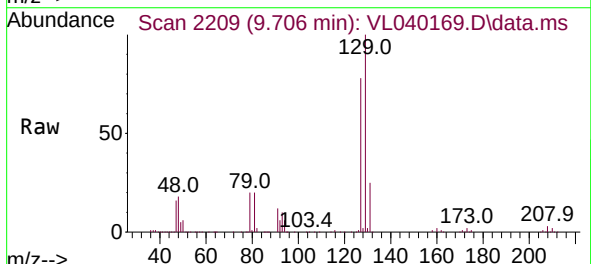
Manual Integrations
APPROVED

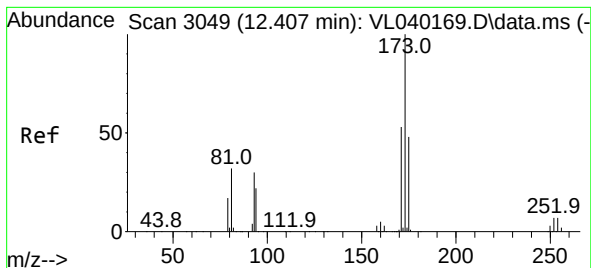
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#48
Dibromochloromethane
Concen: 10.269 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:129 Resp: 1383366
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2





#49

Bromoform

Concen: 10.527 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:173 Resp: 110689

Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

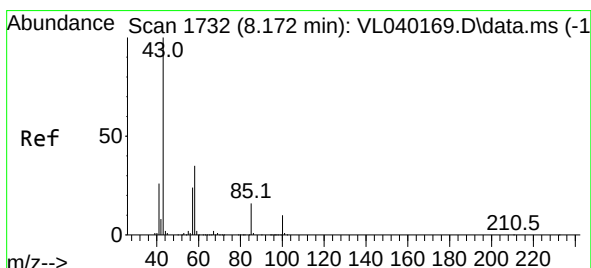
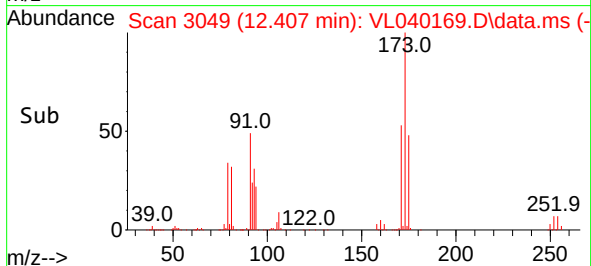
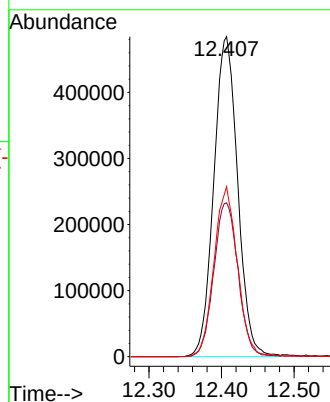
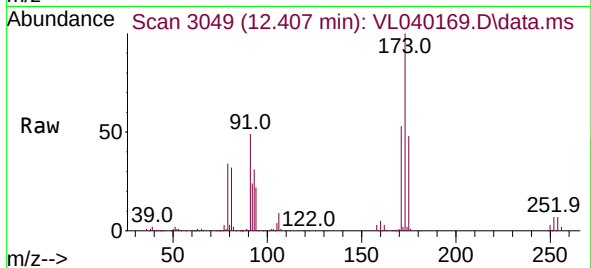
171 52.2 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#50

4-Methyl-2-Pentanone

Concen: 9.855 ppbv

RT: 8.172 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VL040169.D

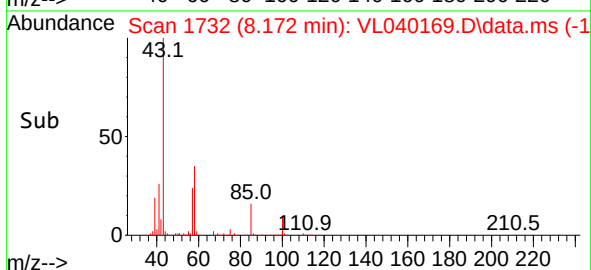
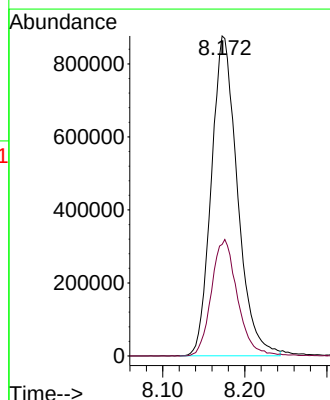
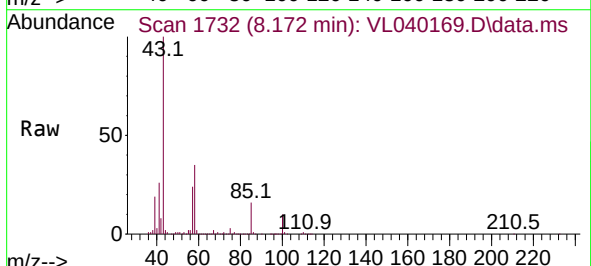
Acq: 15 Feb 2023 10:28

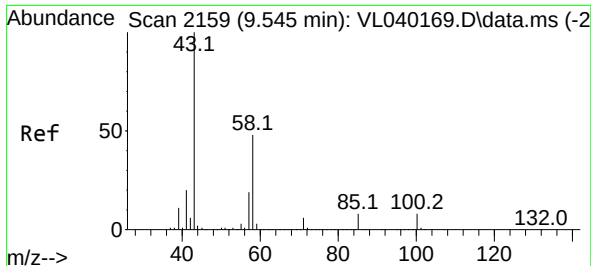
Tgt Ion: 43 Resp: 1941524

Ion Ratio Lower Upper

43 100

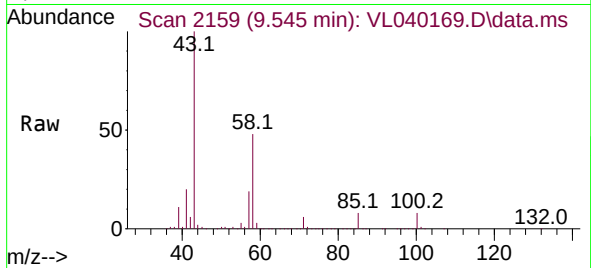
58 36.6 29.2 43.8





#51
2-Hexanone
Concen: 10.070 ppbv
RT: 9.545 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

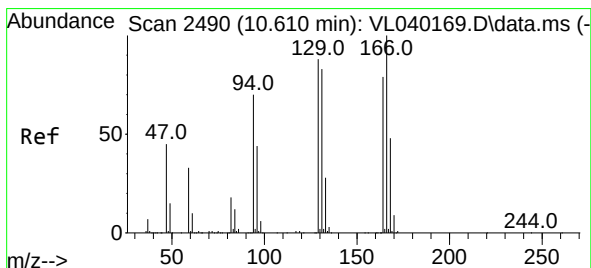
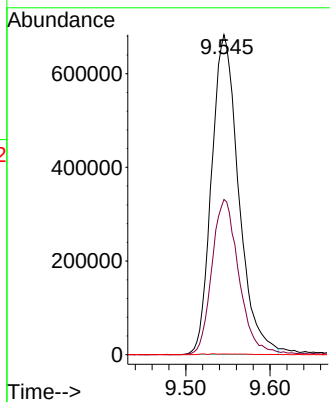
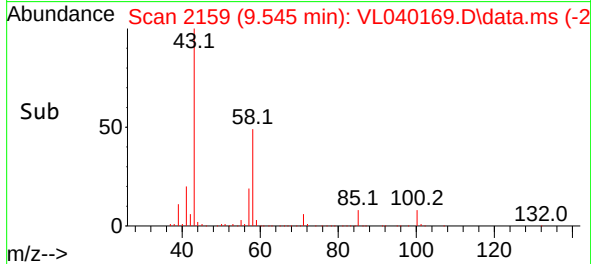
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 152582
Ion Ratio Lower Upper
43 100
58 48.9 39.1 58.7
98 0.4 0.2 0.4

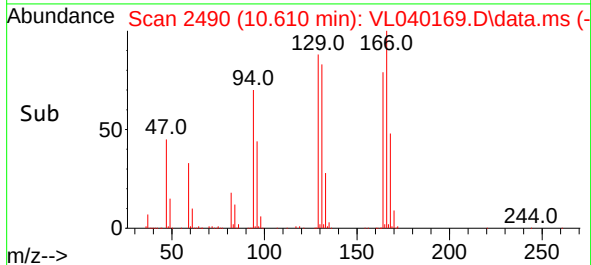
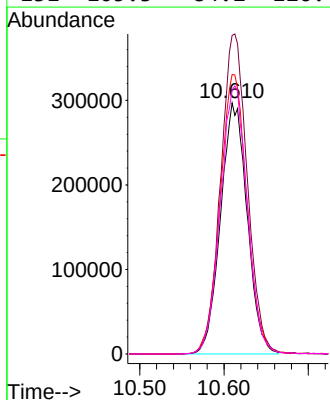
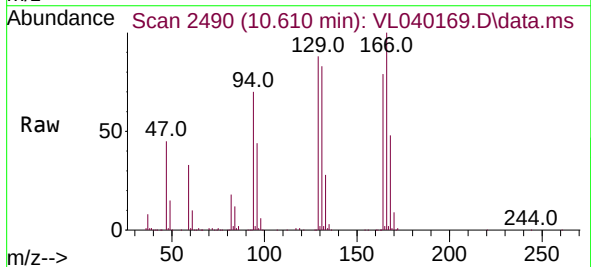
Manual Integrations
APPROVED

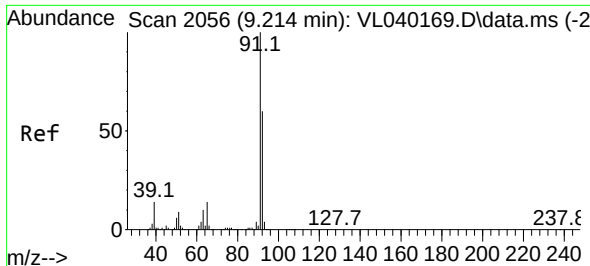
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#52
Tetrachloroethene
Concen: 10.392 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

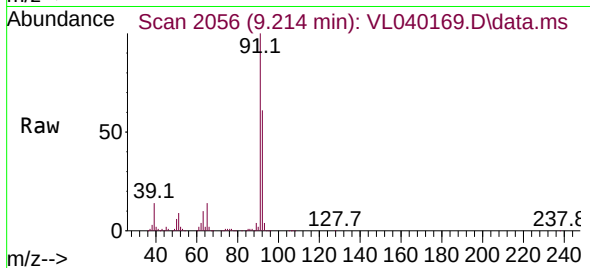
Tgt Ion:164 Resp: 649582
Ion Ratio Lower Upper
164 100
166 126.9 101.5 152.3
129 111.2 89.0 133.4
131 105.3 84.2 126.4





#53
Toluene
Concen: 10.192 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

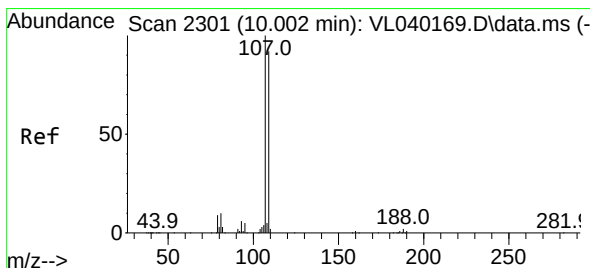
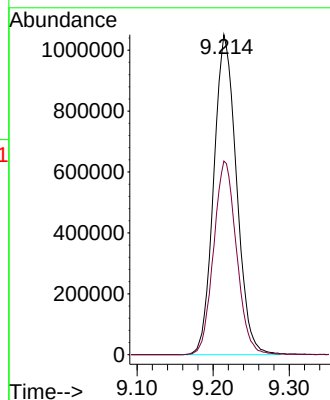
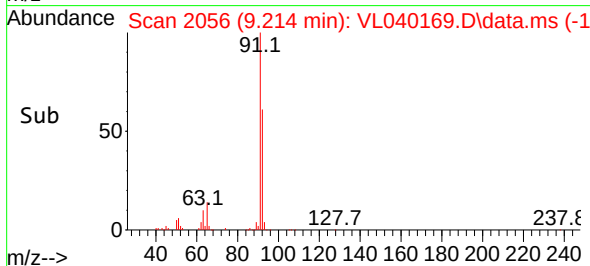
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



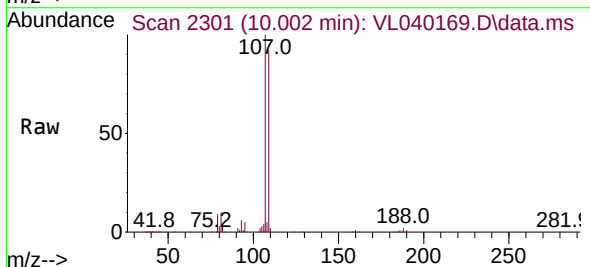
Tgt Ion: 91 Resp: 218505
Ion Ratio Lower Upper
91 100
92 61.1 48.9 73.3

Manual Integrations
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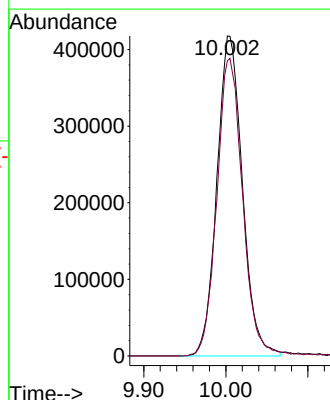
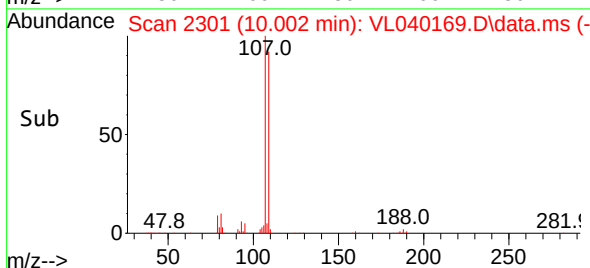
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

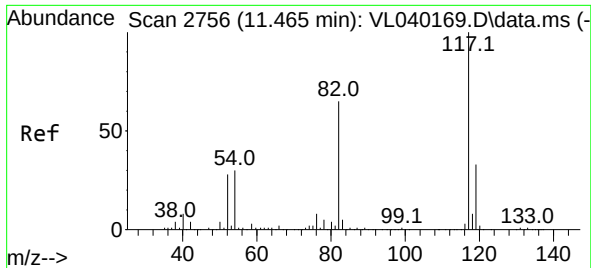


#54
1,2-Dibromoethane
Concen: 10.300 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28



Tgt Ion:107 Resp: 902607
Ion Ratio Lower Upper
107 100
109 92.3 73.8 110.8





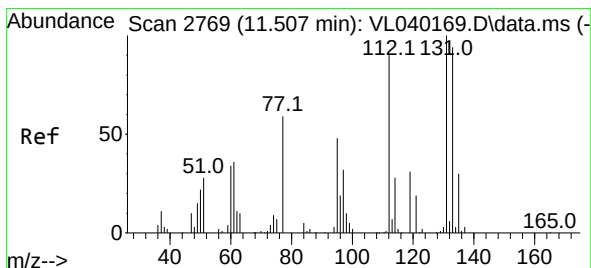
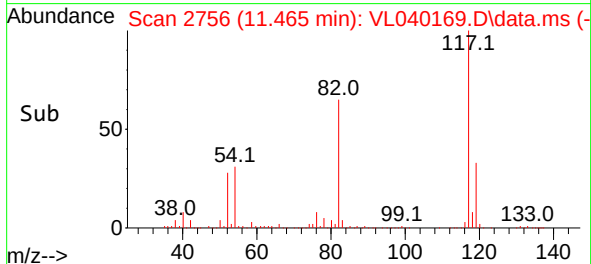
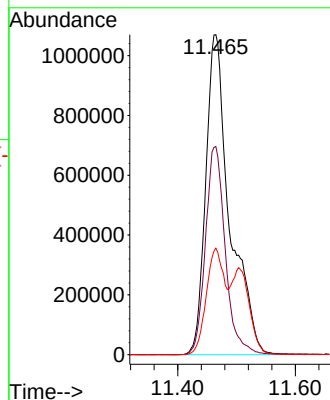
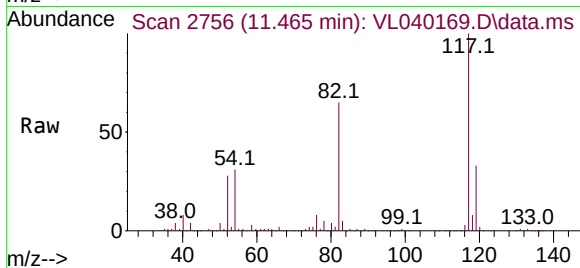
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion:117 Resp: 303868
Ion Ratio Lower Upper
117 100
82 53.8 53.3 79.9
119 24.9 24.6 37.0

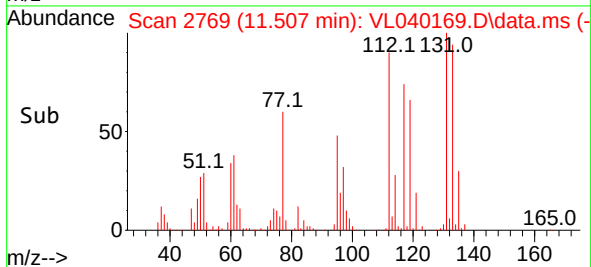
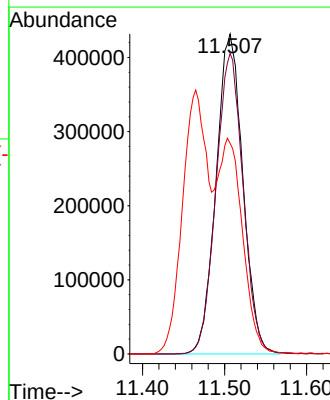
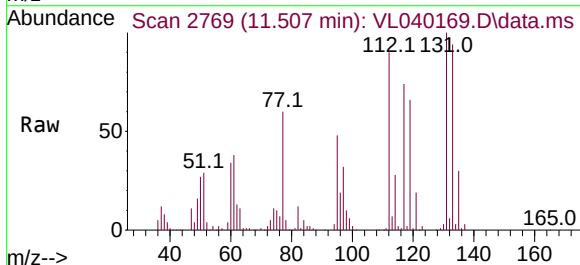
Manual Integrations
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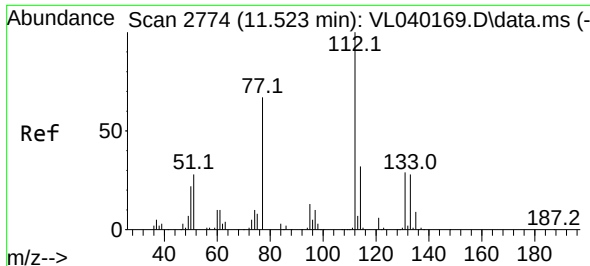
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 7.684 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

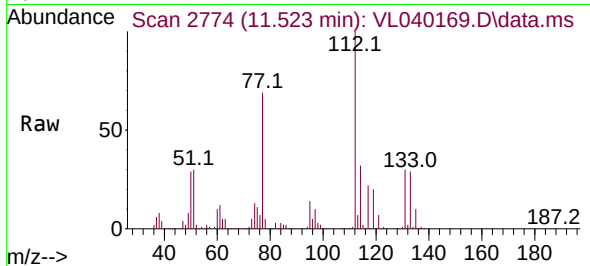
Tgt Ion:131 Resp: 980105
Ion Ratio Lower Upper
131 100
133 95.3 76.2 114.2
119 61.4 45.4 68.0





#57
Chlorobenzene
Concen: 7.597 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

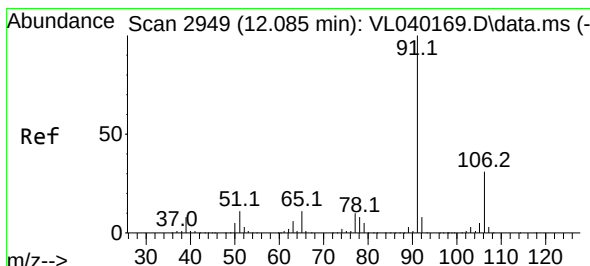
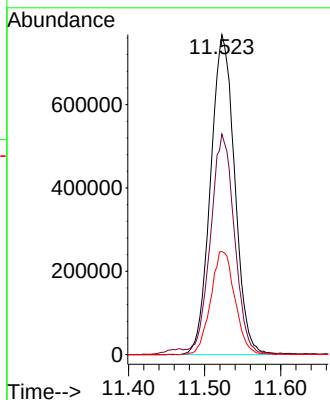
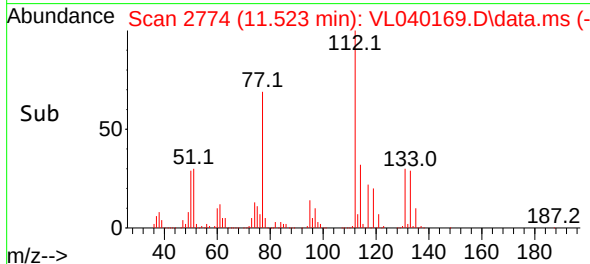
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010



Tgt Ion: 112 Resp: 1686589
Ion Ratio Lower Upper
112 100
77 68.7 55.0 82.4
114 32.2 29.0 35.4

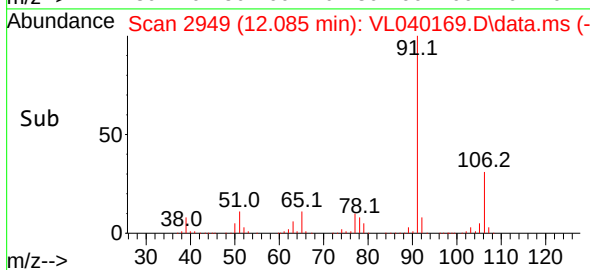
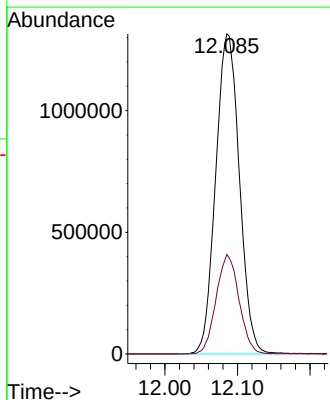
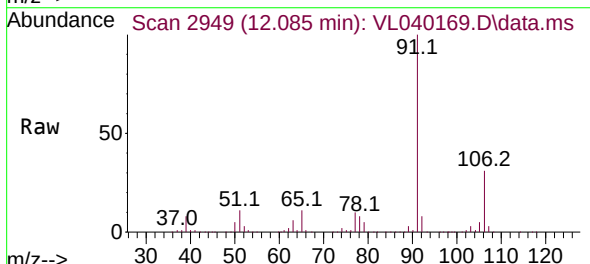
Manual Integrations
APPROVED

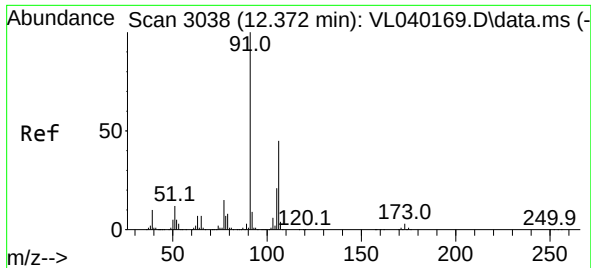
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#58
Ethyl Benzene
Concen: 8.083 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 91 Resp: 2984162
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3





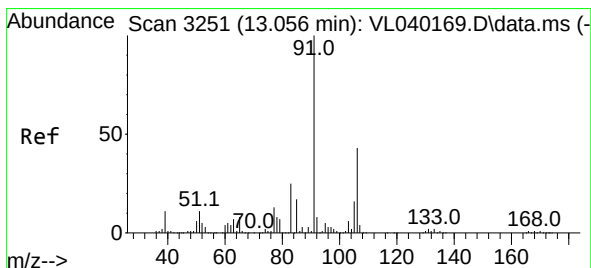
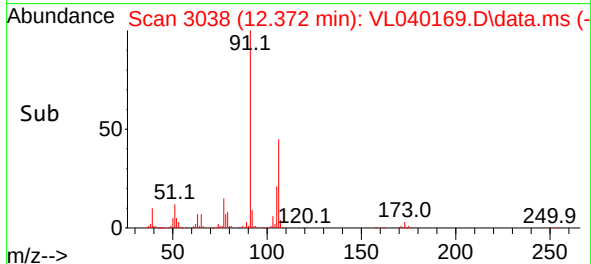
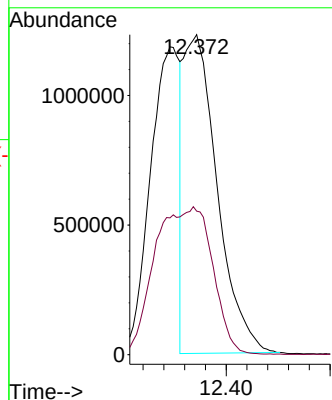
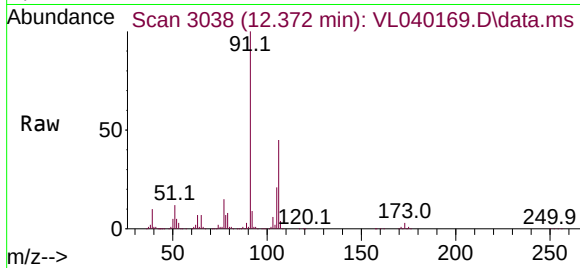
#59
m/p-Xylene
Concen: 8.446 ppbv
RT: 12.372 min Scan# 3038
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 91 Resp: 2761928
Ion Ratio Lower Upper
91 100
106 80.2 34.6 51.8

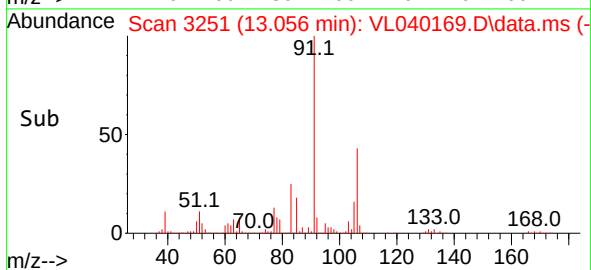
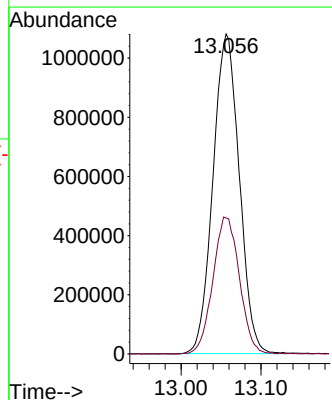
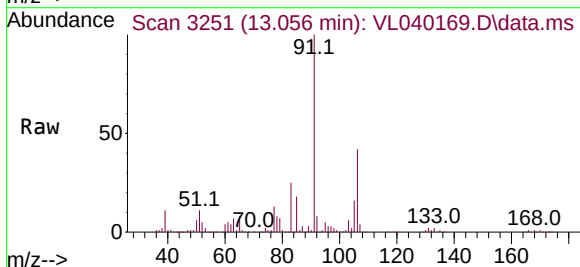
Manual Integrations
APPROVED

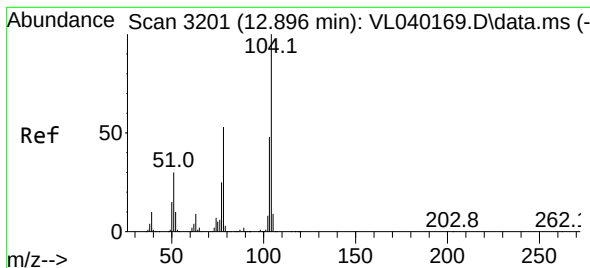
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#60
o-Xylene
Concen: 7.834 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 91 Resp: 2465052
Ion Ratio Lower Upper
91 100
106 43.3 21.6 65.0





#61

Styrene

Concen: 8.700 ppbv

RT: 12.896 min Scan# 3201

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:104 Resp: 143714

Ion Ratio Lower Upper

104 100

78 52.9 42.3 63.5

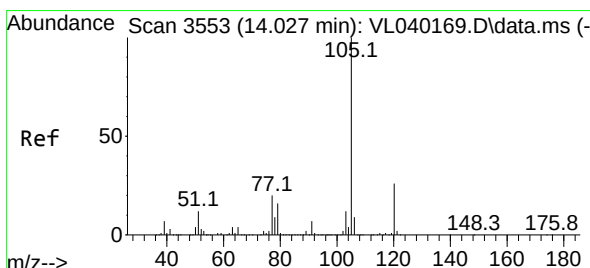
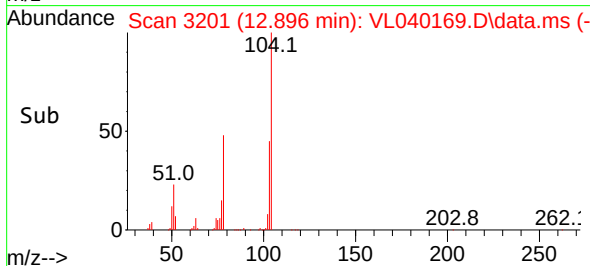
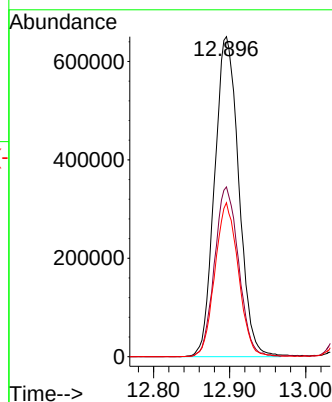
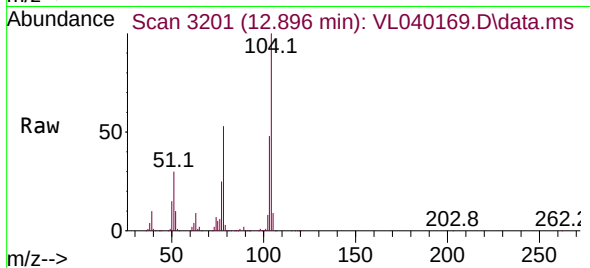
103 46.9 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#62

Isopropylbenzene

Concen: 7.662 ppbv

RT: 14.027 min Scan# 3553

Delta R.T. 0.000 min

Lab File: VL040169.D

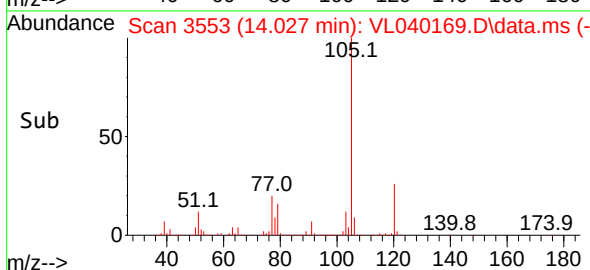
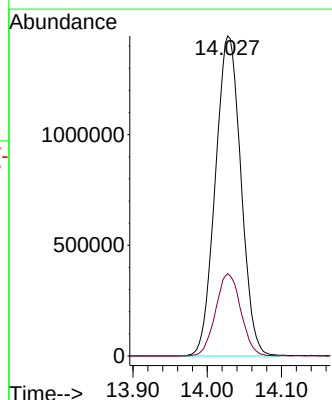
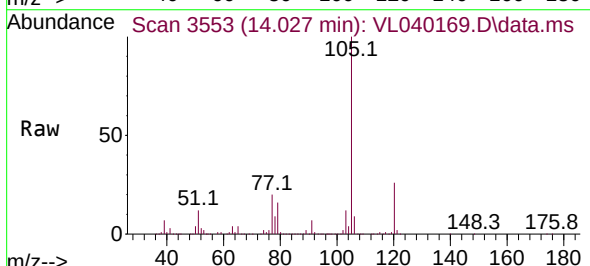
Acq: 15 Feb 2023 10:28

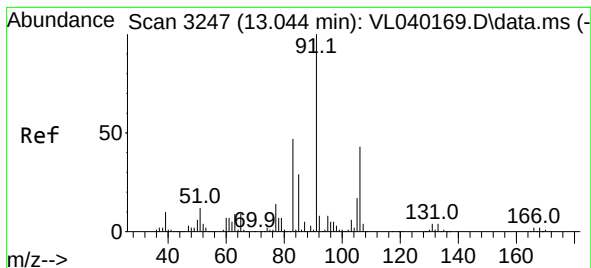
Tgt Ion:105 Resp: 3460448

Ion Ratio Lower Upper

105 100

120 25.4 20.3 30.5





#63

1,1,2,2-Tetrachloroethane

Concen: 7.169 ppbv

RT: 13.044 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 83 Resp: 81284

Ion Ratio Lower Upper

83 100

131 8.8 4.4 13.2

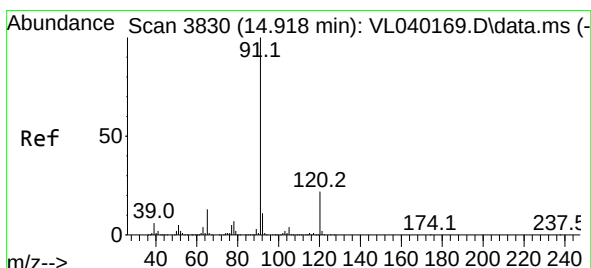
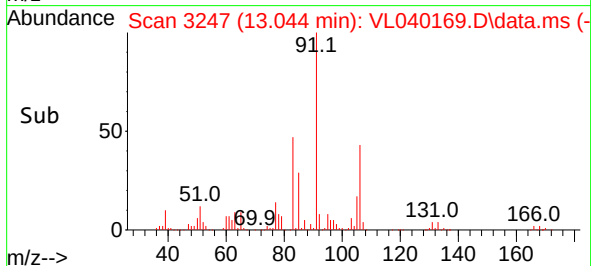
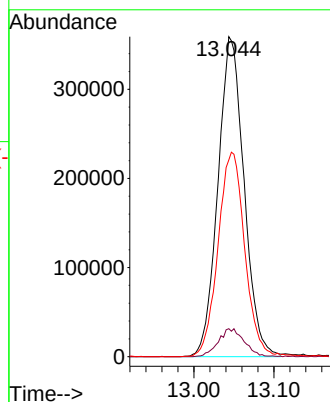
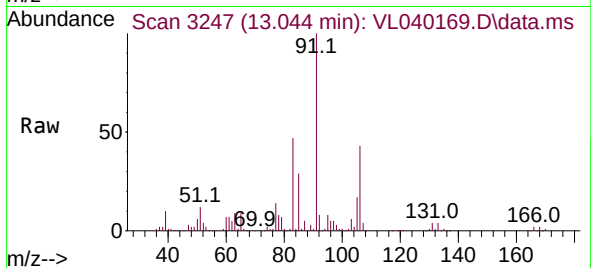
85 66.0 33.0 99.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#64

n-propylbenzene

Concen: 7.986 ppbv

RT: 14.918 min Scan# 3830

Delta R.T. 0.000 min

Lab File: VL040169.D

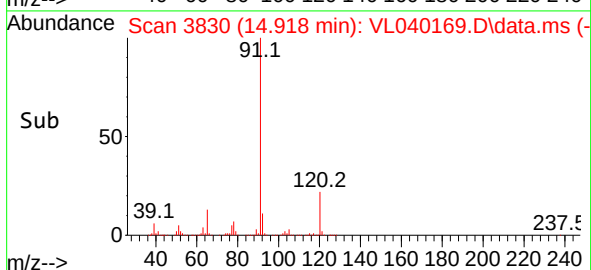
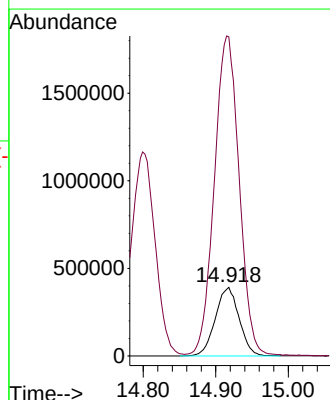
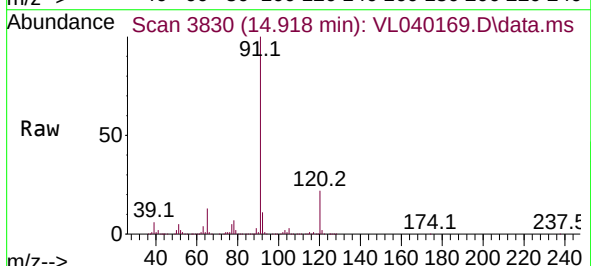
Acq: 15 Feb 2023 10:28

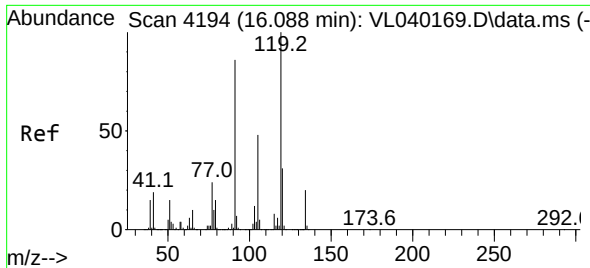
Tgt Ion:120 Resp: 892659

Ion Ratio Lower Upper

120 100

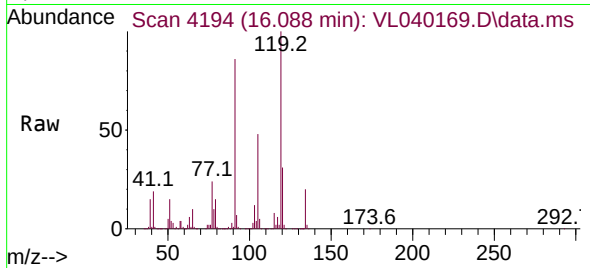
91 487.3 389.8 584.8





#65
tert-Butylbenzene
Concen: 7.720 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

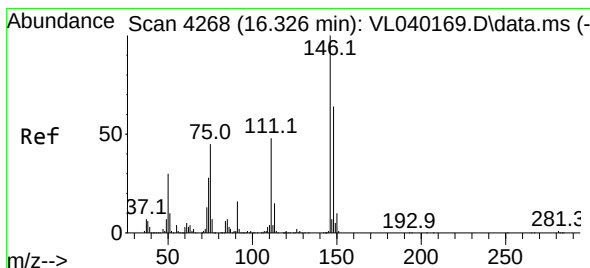
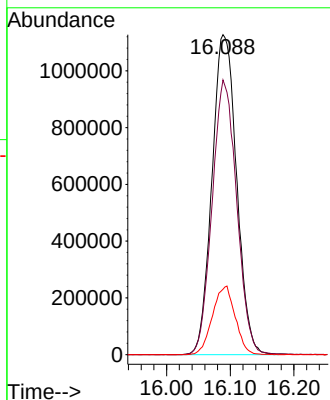
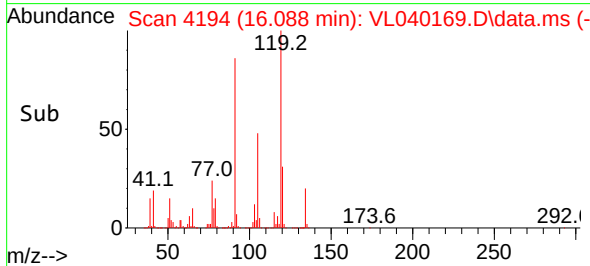
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 119 Resp: 3030870
Ion Ratio Lower Upper
119 100
91 85.7 68.6 102.8
134 19.9 15.9 23.9

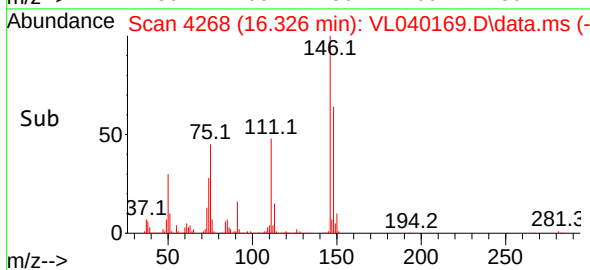
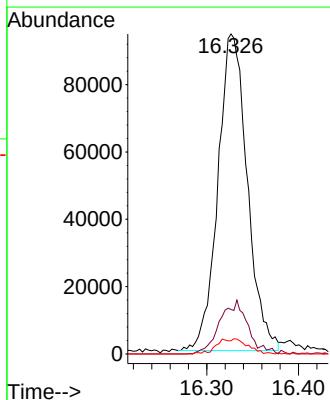
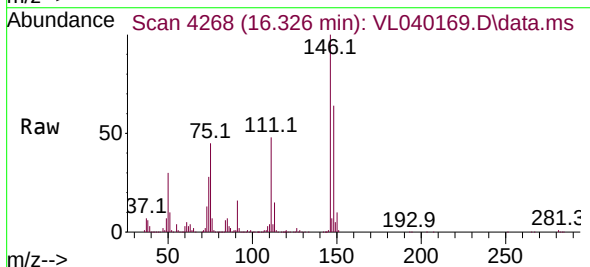
Manual Integrations
APPROVED

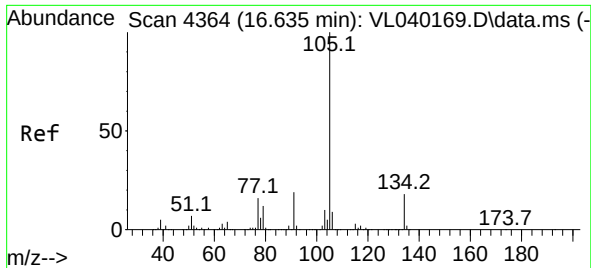
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#66
Benzyl Chloride
Concen: 8.003 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion: 91 Resp: 209083
Ion Ratio Lower Upper
91 100
126 16.4 13.1 19.7
128 5.1 4.1 6.1





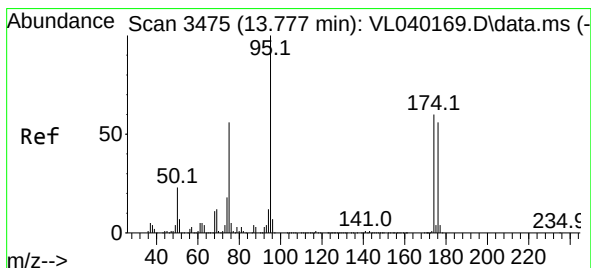
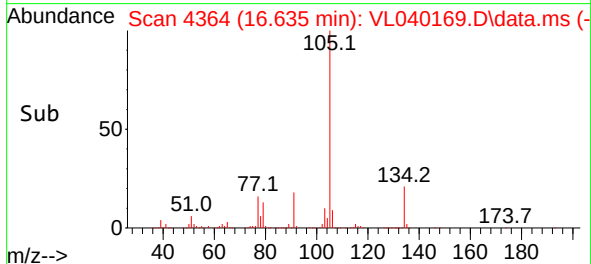
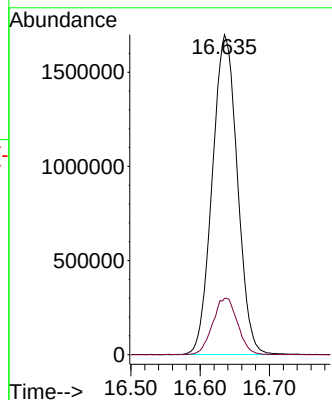
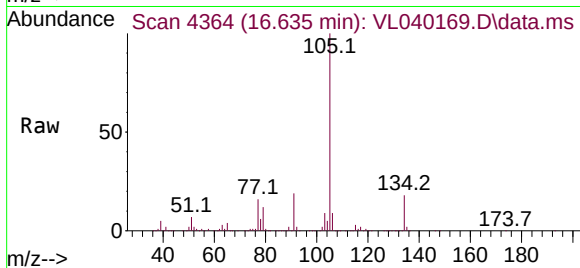
#67
 sec-Butylbenzene
 Concen: 7.592 ppbv
 RT: 16.635 min Scan# 4364
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion:105 Resp: 4274700
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

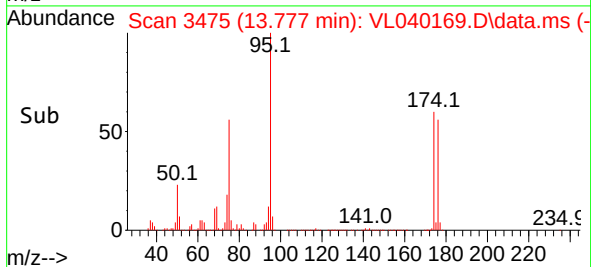
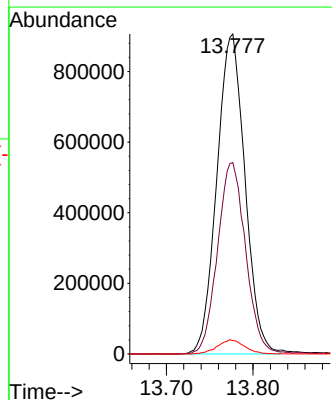
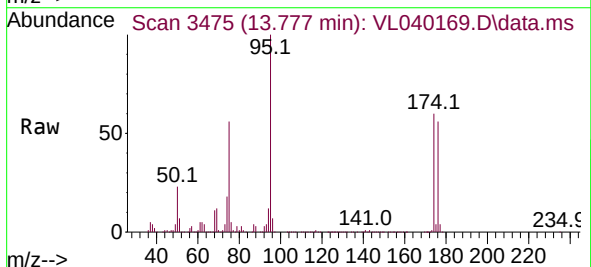
Manual Integrations
 APPROVED

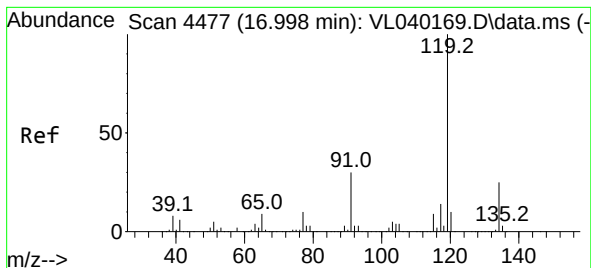
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.183 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

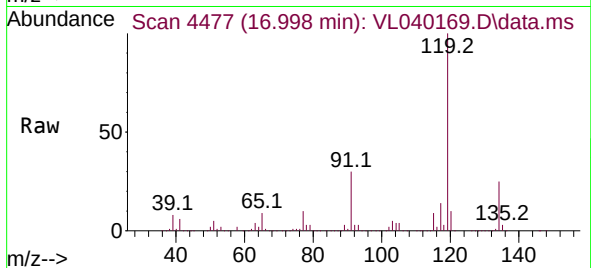
Tgt Ion: 95 Resp: 2044661
 Ion Ratio Lower Upper
 95 100
 174 60.1 48.2 72.2
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 7.756 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

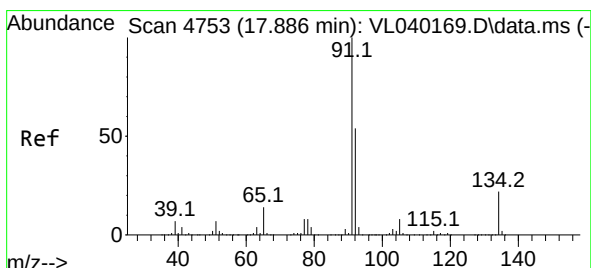
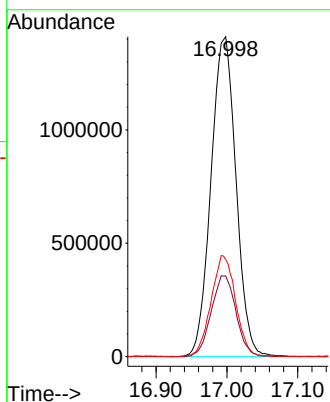
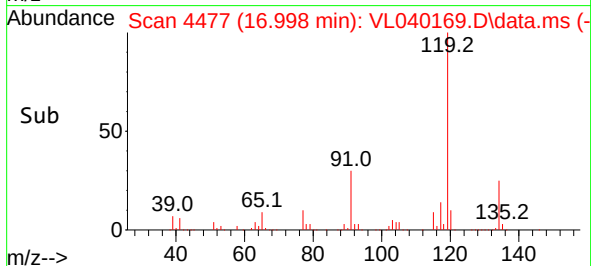
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



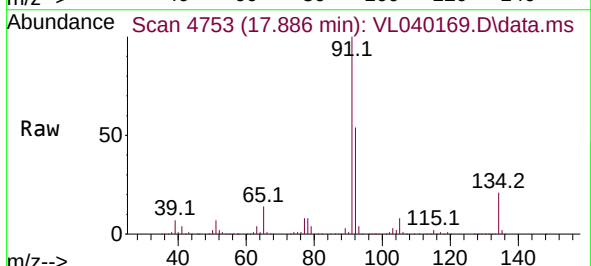
Tgt Ion:119 Resp: 3461992
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.2
91 31.0 24.7 37.1

Manual Integrations
APPROVED

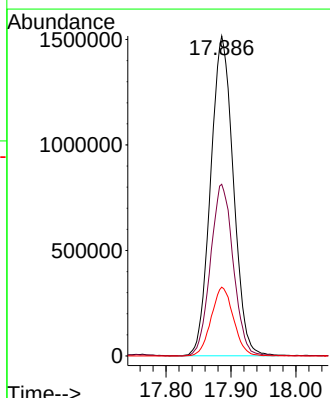
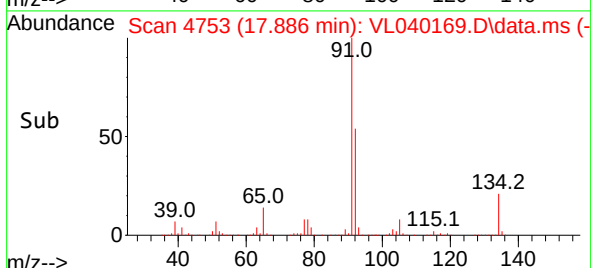
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

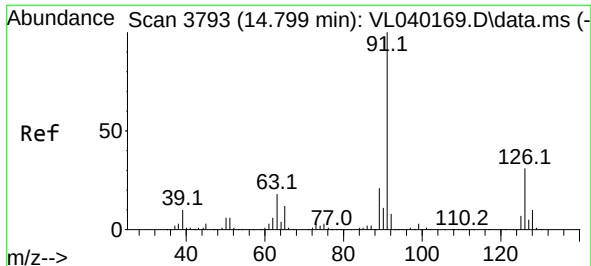


#70
n-Butylbenzene
Concen: 7.603 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28



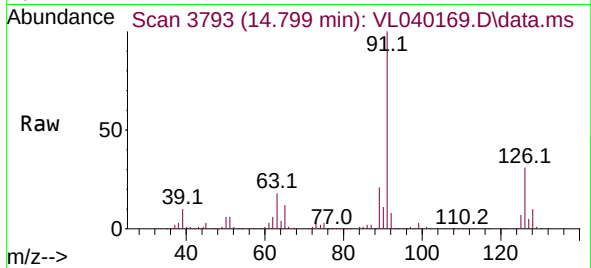
Tgt Ion: 91 Resp: 3683464
Ion Ratio Lower Upper
91 100
92 53.7 43.0 64.6
134 21.2 16.9 25.3





#71
2-Chlorotoluene
Concen: 7.752 ppbv
RT: 14.799 min Scan# 3793
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

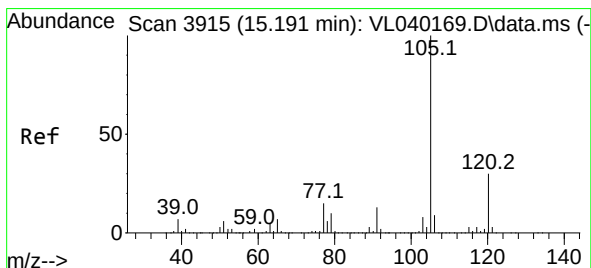
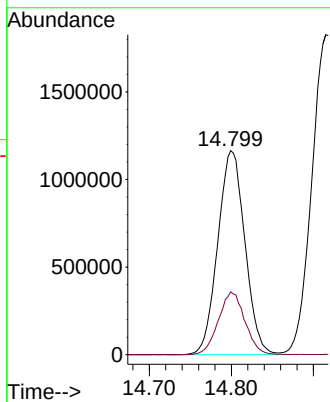
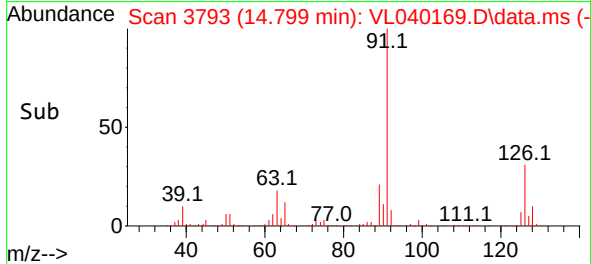
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



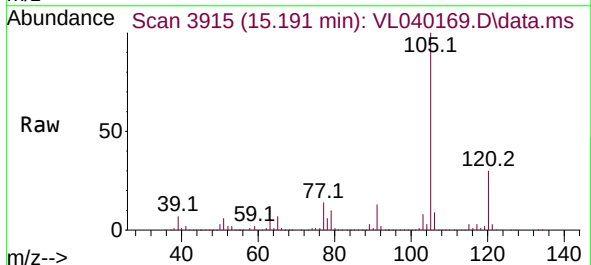
Tgt Ion: 91 Resp: 2677650
Ion Ratio Lower Upper
91 100
126 30.1 12.0 48.2

Manual Integrations
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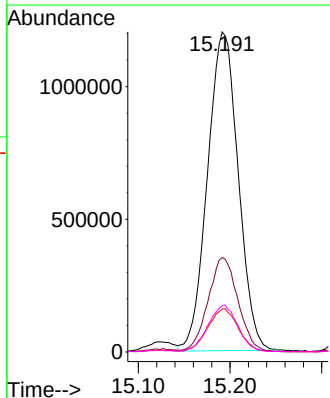
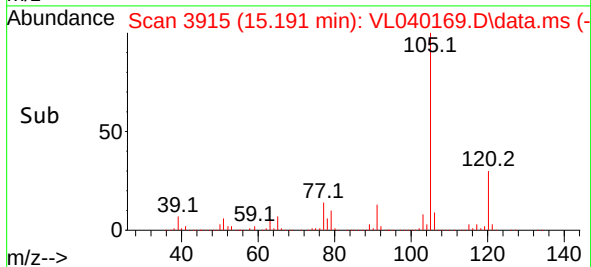
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023

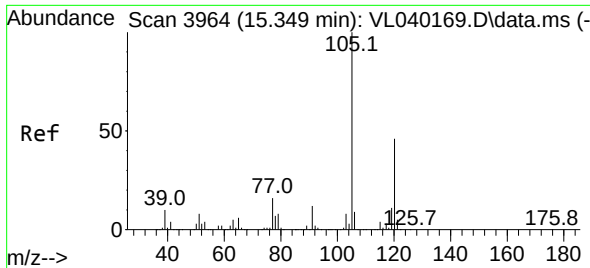


#72
4-Ethyltoluene
Concen: 8.037 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28



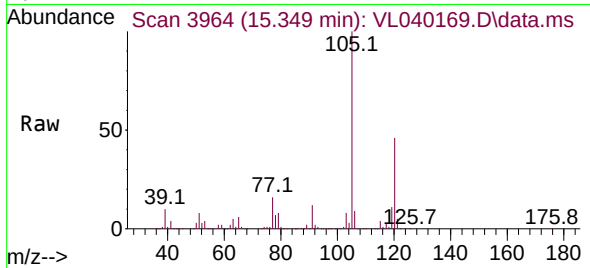
Tgt Ion:105 Resp: 2795564
Ion Ratio Lower Upper
105 100
120 29.0 23.2 34.8
91 14.1 11.3 16.9
77 15.0 12.0 18.0





#73
 1,3,5-Trimethylbenzene
 Concen: 7.713 ppbv
 RT: 15.349 min Scan# 3964
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

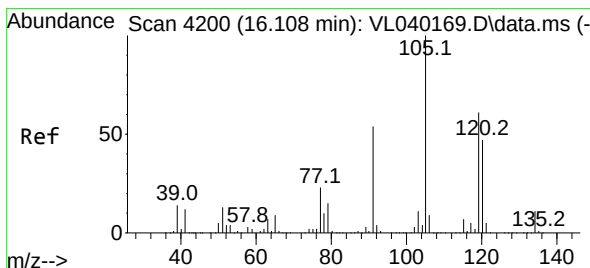
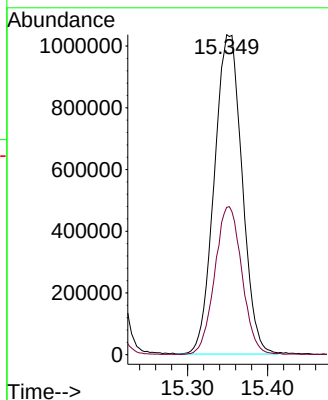
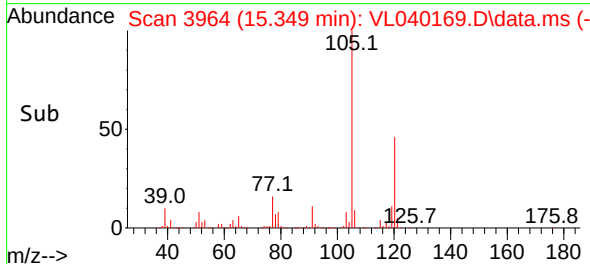
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010



Tgt Ion:105 Resp: 249641
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.8 55.2

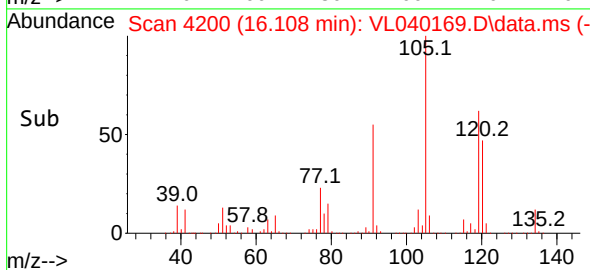
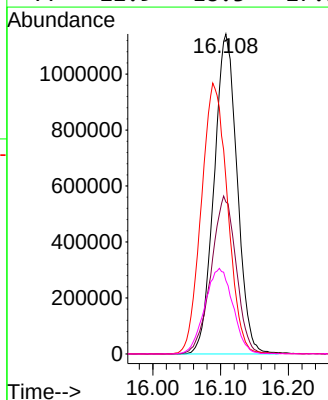
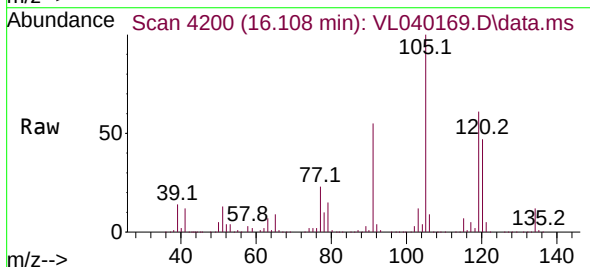
Manual Integrations
 APPROVED

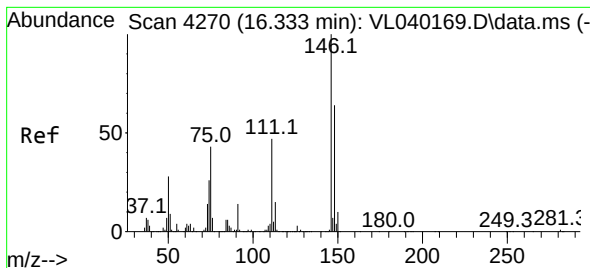
Reviewed By :Semsettin Yesilyurt 02/16/2023
 Supervised By :Mahesh Dadoda 02/18/2023



#74
 1,2,4-Trimethylbenzene
 Concen: 7.605 ppbv
 RT: 16.108 min Scan# 4200
 Delta R.T. 0.000 min
 Lab File: VL040169.D
 Acq: 15 Feb 2023 10:28

Tgt Ion:105 Resp: 2703720
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.9 56.9
 91 54.6 43.7 65.5
 77 22.9 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 7.648 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:146 Resp: 148791

Ion Ratio Lower Upper

146 100

111 47.8 23.9 71.8

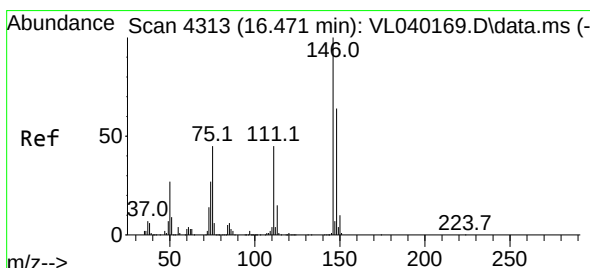
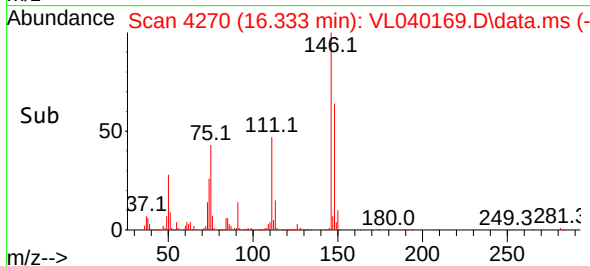
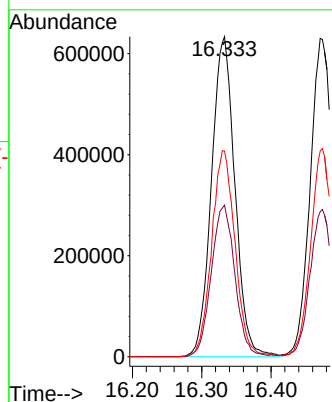
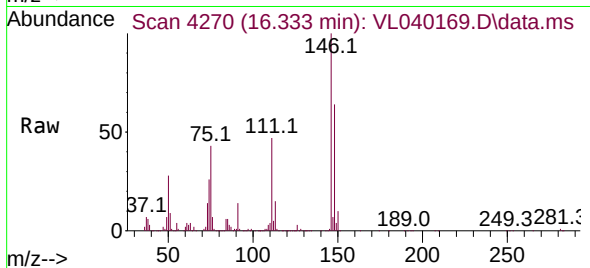
148 64.4 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#76

1,4-Dichlorobenzene

Concen: 7.660 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

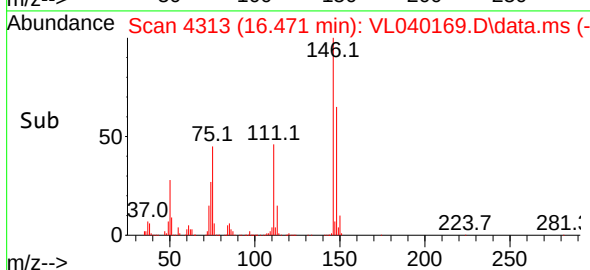
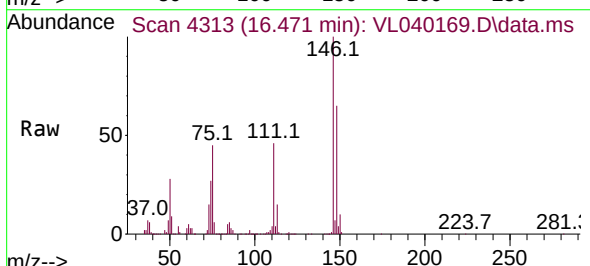
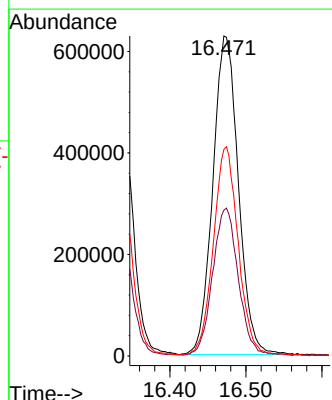
Tgt Ion:146 Resp: 1460400

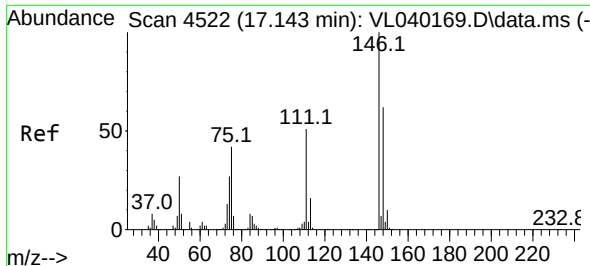
Ion Ratio Lower Upper

146 100

111 47.0 23.5 70.5

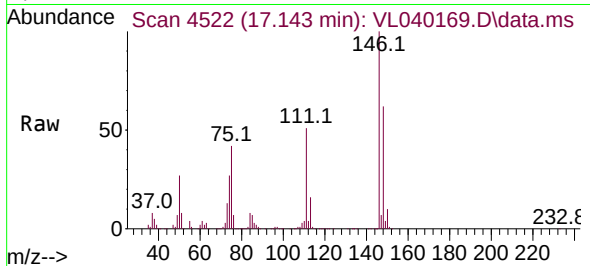
148 64.9 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 7.330 ppbv
RT: 17.143 min Scan# 4522
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

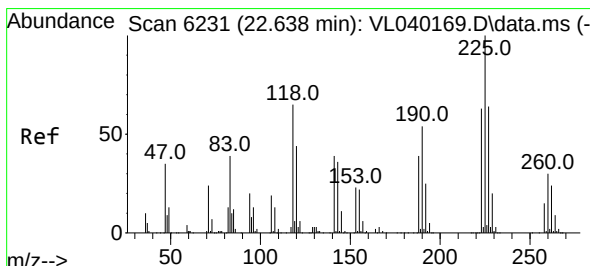
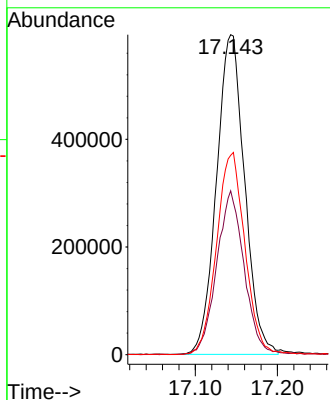
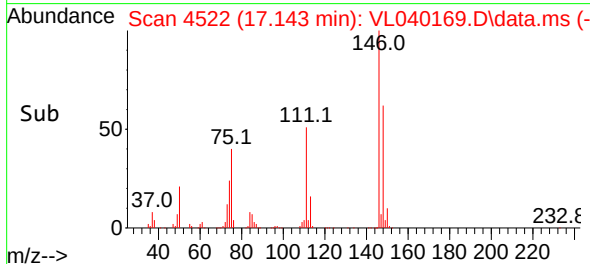
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion:146 Resp: 1416598
Ion Ratio Lower Upper
146 100
111 50.4 25.3 75.8
148 63.8 32.0 96.2

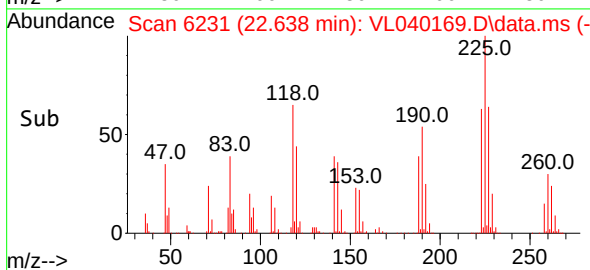
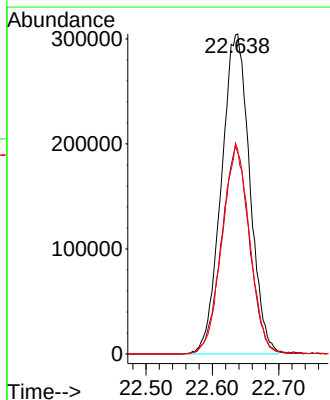
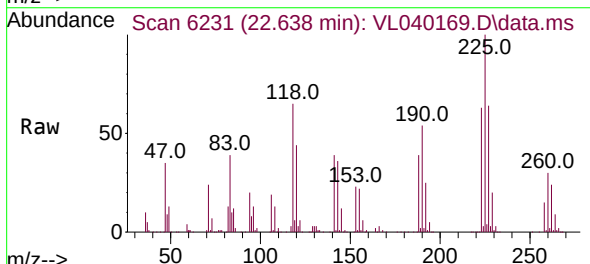
Manual Integrations
APPROVED

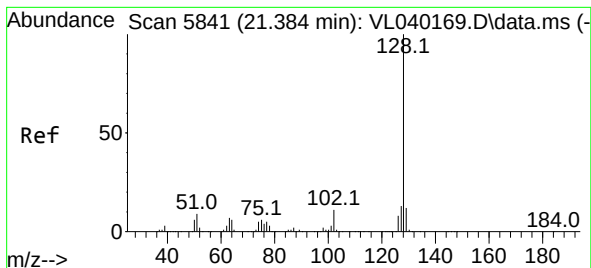
Reviewed By :Semsettin Yesilyurt 02/16/2023
Supervised By :Mahesh Dadoda 02/18/2023



#78
Hexachloro-1,3-Butadiene
Concen: 6.819 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. 0.000 min
Lab File: VL040169.D
Acq: 15 Feb 2023 10:28

Tgt Ion:225 Resp: 905390
Ion Ratio Lower Upper
225 100
223 63.8 51.0 76.6
227 64.0 51.2 76.8





#79

Naphthalene

Concen: 9.420 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion:128 Resp: 188144

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

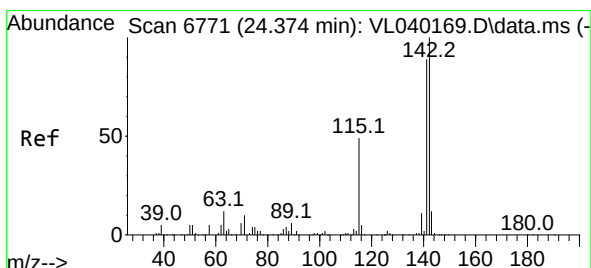
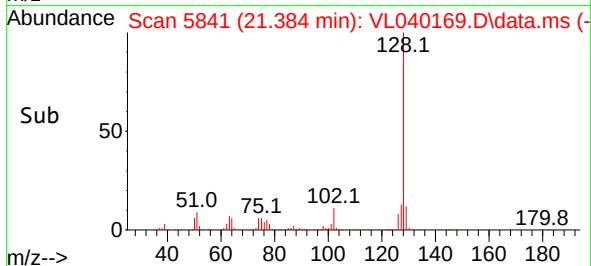
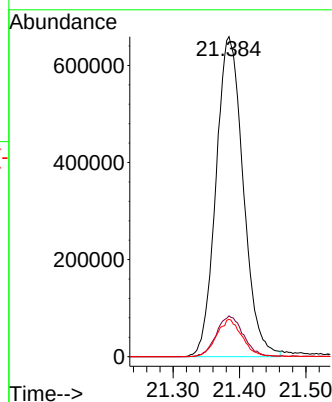
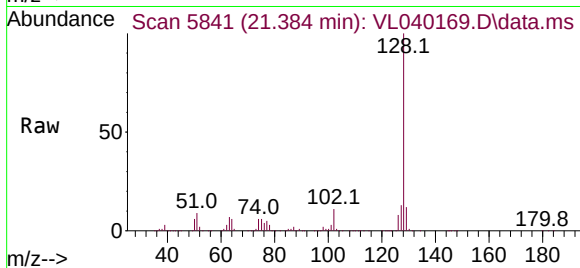
129 11.7 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023



#80

Naphthalene,2-methyl-

Concen: 9.807 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.000 min

Lab File: VL040169.D

Acq: 15 Feb 2023 10:28

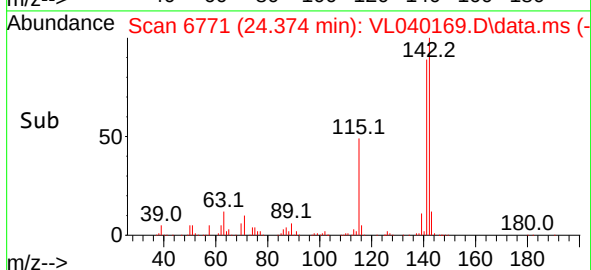
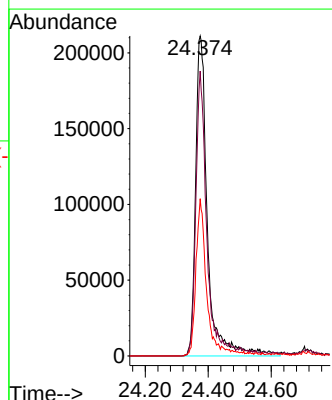
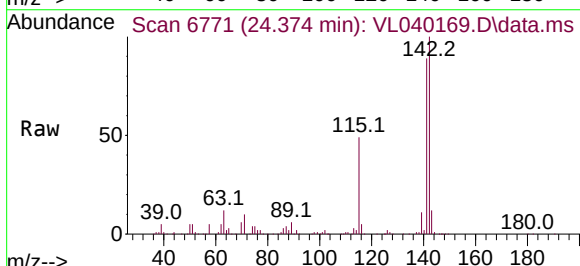
Tgt Ion:142 Resp: 557006

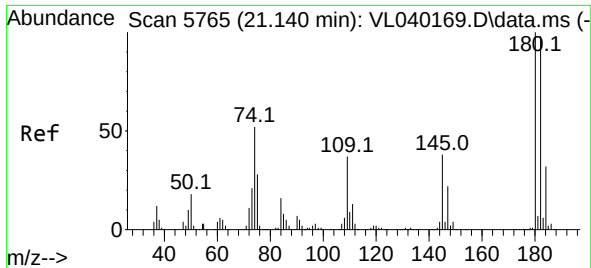
Ion Ratio Lower Upper

142 100

141 84.1 67.3 100.9

115 45.6 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 7.914 ppbv

RT: 21.140 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL040169.D

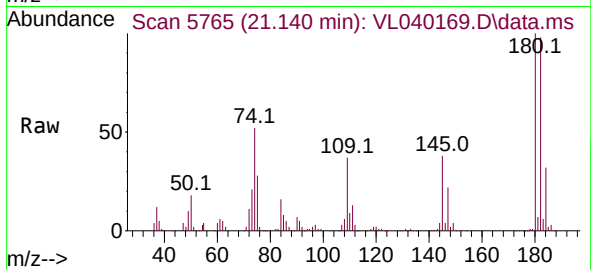
Acq: 15 Feb 2023 10:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 989134

Ion Ratio Lower Upper

180 100

182 98.8 79.0 118.6

184 30.7 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/16/2023

Supervised By :Mahesh Dadoda 02/18/2023

