

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040807.D
 Acq On : 25 Oct 2023 19:29
 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 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 03:54:29 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	930449	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2409583	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.445	117	2421917m	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 1870369 10.495 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.745	85	1916997	11.699	ppbv	98
3) Chlorodifluoromethane	2.690	51	1520169	11.117	ppbv	98
4) Chloromethane	2.828	50	548994	10.167	ppbv	99
5) Vinyl Chloride	2.934	62	569030	10.199	ppbv	100
6) Bromomethane	3.131	94	236684	10.254	ppbv	99
7) Chloroethane	3.208	64	193619	10.660	ppbv	94
8) Dichlorotetrafluoroethane	2.870	85	1386534	11.163	ppbv	100
9) Propene	2.709	41	522326	10.284	ppbv	98
10) Heptane	7.568	43	1282122	10.049	ppbv	100
11) Trichlorofluoromethane	3.571	101	1469322	11.619	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.069	101	978314	10.847	ppbv	99
13) Ethanol	3.250	45	90440	7.888	ppbv	91
14) Bromoethene	3.375	108	436338	11.296	ppbv	97
15) Acetone	3.475	43	1001685	10.414	ppbv	99
16) 1,3-Butadiene	2.999	39	555421	11.007	ppbv	99
17) tert-Butyl alcohol	3.883	59	924859	9.377	ppbv	99
18) 1,1-Dichloroethene	3.883	96	441782	10.928	ppbv	99
19) Isopropyl Alcohol	3.581	45	662416	10.698	ppbv #	40
20) Methylene Chloride	3.938	84	352864	8.807	ppbv	96
21) Allyl Chloride	3.999	41	639161	10.075	ppbv	94
22) trans-1,2-Dichloroethene	4.446	96	452778	10.523	ppbv	99
23) Vinyl Acetate	4.626	43	1138987	9.291	ppbv	98
24) 1,1-Dichloroethane	4.565	63	934933	10.112	ppbv	99
25) Ethyl Acetate	5.201	43	2200702	10.442	ppbv	98
26) Hexane	5.211	57	934336	9.700	ppbv	95
27) Carbon Disulfide	4.127	76	1112995	10.472	ppbv	98
28) Methyl tert-Butyl Ether	4.587	73	667245	8.908	ppbv	100
29) Chloroform	5.272	83	1588872	11.400	ppbv	99
30) Cyclohexane	6.590	84	815577	9.950	ppbv	97
31) cis-1,2-Dichloroethene	5.076	61	979291	11.032	ppbv	99
32) 1,1,1-Trichloroethane	5.995	97	1578386	10.640	ppbv	99
34) 2-Butanone	4.783	43	1271756	11.660	ppbv	98
35) Carbon Tetrachloride	6.484	117	1683560	12.448	ppbv	95
36) Benzene	6.362	78	2042215	11.019	ppbv	99
37) 1,2-Dichloroethane	5.799	62	1203222	12.676	ppbv	98
38) Trichloroethene	7.278	130	793895	9.679	ppbv	98
39) 1,2-Dichloropropane	7.063	63	794482	10.972	ppbv #	90
40) 1,4-Dioxane	7.275	88	320877	11.710	ppbv #	99
41) Tetrahydrofuran	5.555	42	831159	11.004	ppbv	99
42) Bromodichloromethane	7.240	83	1775704	12.488	ppbv	100
43) Methyl Methacrylate	7.462	69	856580	11.546	ppbv	99
44) 2,2,4-Trimethylpentane	7.317	57	3354066	10.701	ppbv	98
45) t-1,3-Dichloropropene	8.696	75	609005	10.294	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

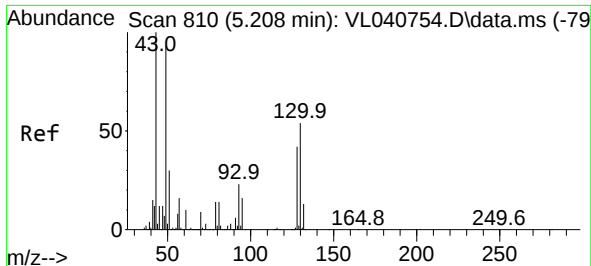
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	730091	10.101	ppbv	97
47) 1,1,2-Trichloroethane	8.883	97	857300	11.271	ppbv	99
48) Dibromochloromethane	9.693	129	1518977	11.917	ppbv	100
49) Bromoform	12.387	173	1224496	11.818	ppbv	100
50) 4-Methyl-2-Pentanone	8.169	43	2162669	11.591	ppbv	98
51) 2-Hexanone	9.532	43	1638882	11.541	ppbv #	98
52) Tetrachloroethene	10.597	164	716911	9.523	ppbv	95
53) Toluene	9.208	91	2360702	10.702	ppbv	99
54) 1,2-Dibromoethane	9.992	107	1234715	11.580	ppbv	93
56) 1,1,1,2-Tetrachloroethane	11.490	131	1086008	10.987	ppbv	99
57) Chlorobenzene	11.507	112	1814129	10.454	ppbv	99
58) Ethyl Benzene	12.069	91	3229863	10.592	ppbv	95
59) m/p-Xylene	12.352	91	5440832m	21.679	ppbv	
60) o-Xylene	13.040	91	2568886	10.742	ppbv	97
61) Styrene	12.876	104	1390969	10.498	ppbv	97
62) Isopropylbenzene	14.008	105	3783674	10.285	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.027	83	1842751	10.278	ppbv	100
64) n-propylbenzene	14.892	120	991928	10.037	ppbv	82
65) tert-Butylbenzene	16.066	119	3324286	10.019	ppbv	95
66) Benzyl Chloride	16.301	91	200650m	6.002	ppbv	
67) sec-Butylbenzene	16.612	105	4677265	10.296	ppbv	97
69) p-Isopropyltoluene	16.973	119	3839645	10.086	ppbv	97
70) n-Butylbenzene	17.863	91	4110959	10.998	ppbv	97
71) 2-Chlorotoluene	14.780	91	2998469	10.850	ppbv	96
72) 4-Ethyltoluene	15.172	105	3041257	10.860	ppbv	97
73) 1,3,5-Trimethylbenzene	15.329	105	2617289	10.616	ppbv	96
74) 1,2,4-Trimethylbenzene	16.088	105	2823715	10.482	ppbv	98
75) 1,3-Dichlorobenzene	16.307	146	1679604	10.025	ppbv	98
76) 1,4-Dichlorobenzene	16.452	146	1651036	9.951	ppbv	97
77) 1,2-Dichlorobenzene	17.120	146	1611814	9.805	ppbv	98
78) Hexachloro-1,3-Butadiene	22.606	225	991818	8.432	ppbv	100
79) Naphthalene	21.355	128	2433490	11.113	ppbv	99
80) Naphthalene,2-methyl-	24.355	142	642686	10.459	ppbv #	93
81) 1,2,4-Trichlorobenzene	21.114	180	1239310	10.425	ppbv	98

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



#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.188 min Scan# 80

Delta R.T. -0.020 min

Lab File: VL040807.D

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Instrument :

MSVOA_L

ClientSampleId :

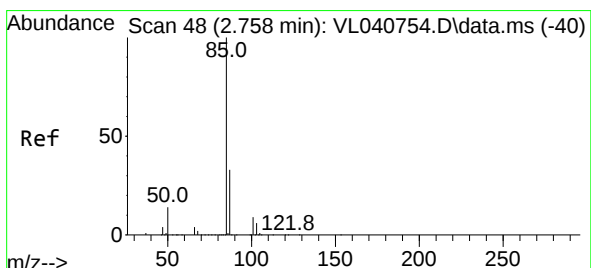
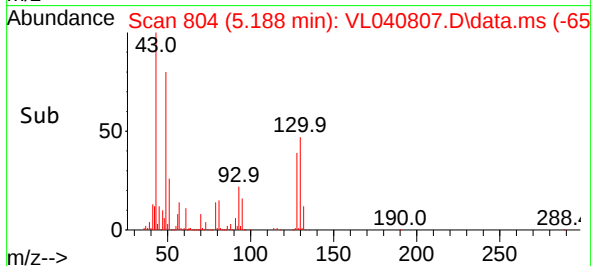
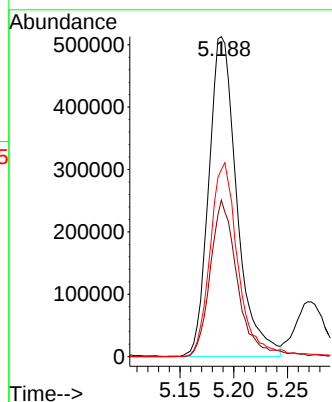
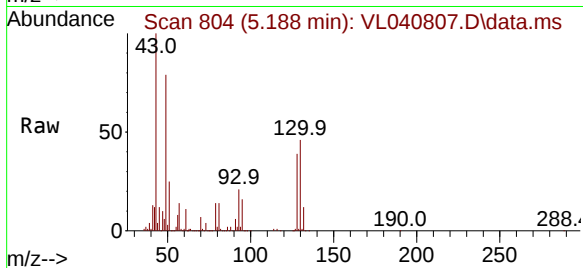
VSTDCCC010EC

Tgt Ion: 49 Resp: 930449
 Ion Ratio Lower Upper
 49 100
 128 48.3 23.9 71.7
 130 61.3 30.7 92.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#2

Dichlorodifluoromethane

Concen: 11.699 ppbv

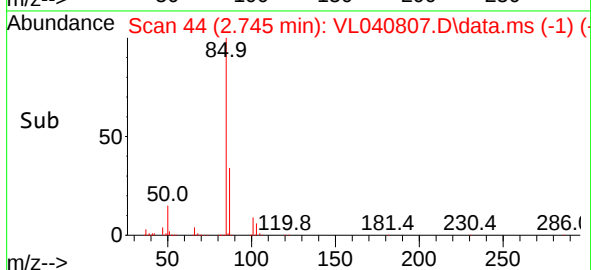
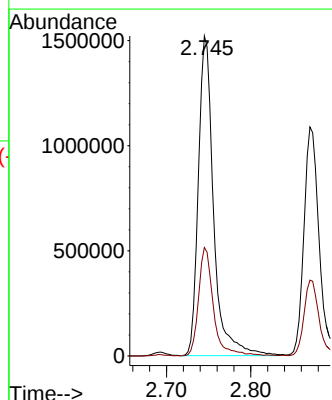
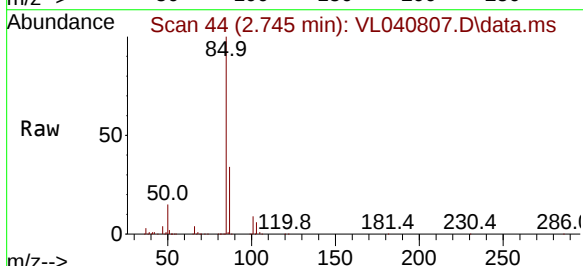
RT: 2.745 min Scan# 44

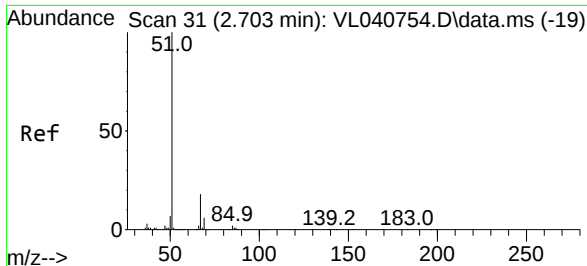
Delta R.T. -0.013 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

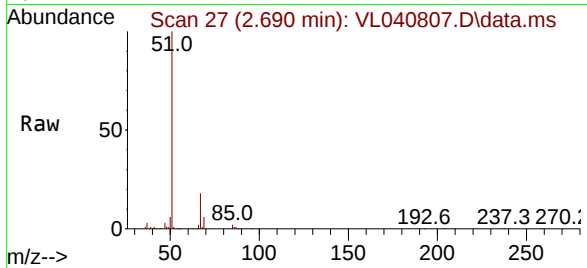
Tgt Ion: 85 Resp: 1916997
 Ion Ratio Lower Upper
 85 100
 87 33.9 26.0 39.0





#3
Chlorodifluoromethane
Concen: 11.117 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

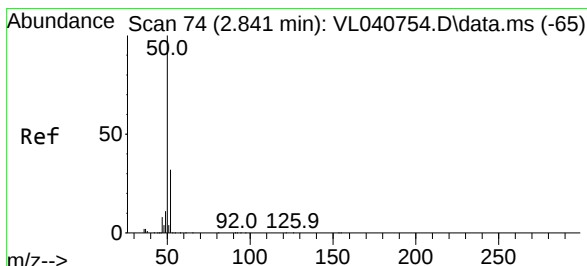
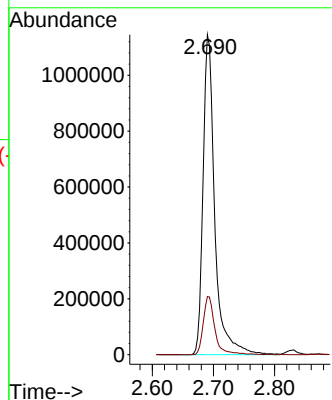
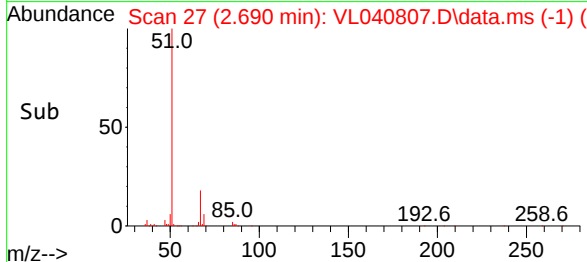
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1520169
Ion Ratio Lower Upper
51 100
67 18.2 13.8 20.6

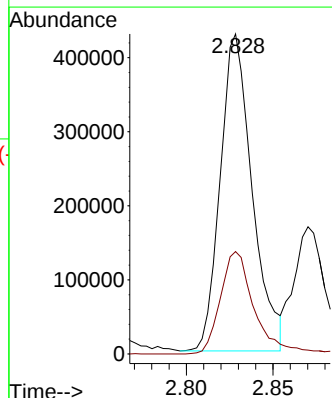
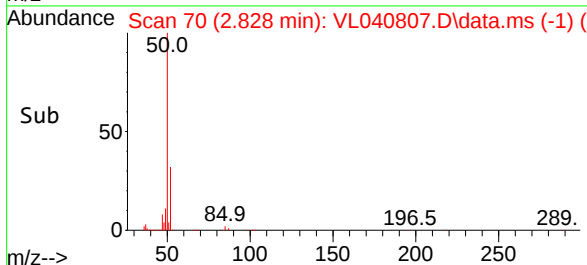
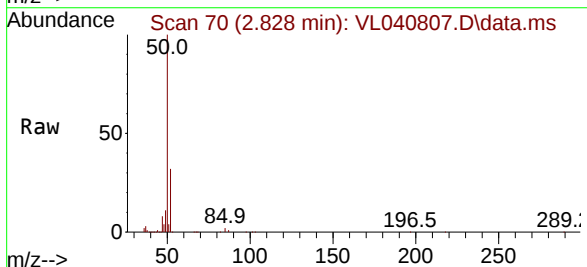
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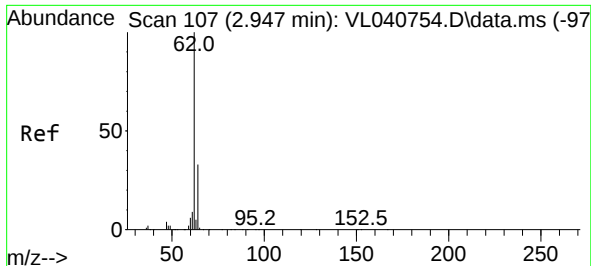
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#4
Chloromethane
Concen: 10.167 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Tgt Ion: 50 Resp: 548994
Ion Ratio Lower Upper
50 100
52 32.3 25.3 37.9





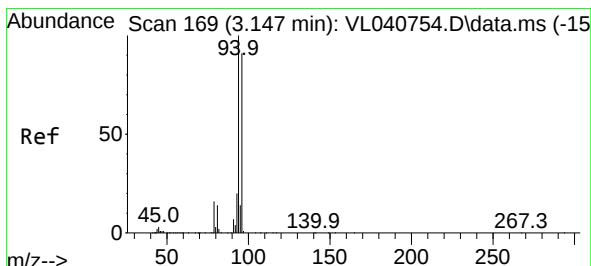
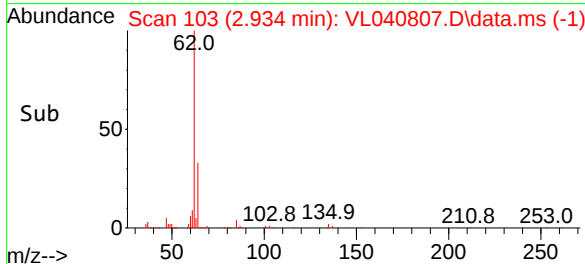
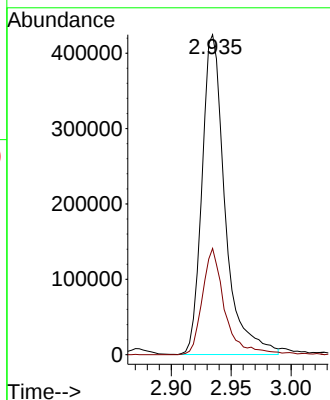
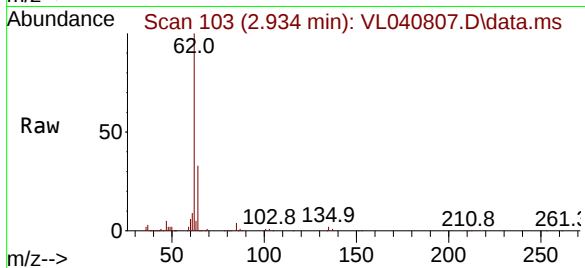
#5
 Vinyl Chloride
 Concen: 10.199 ppbv
 RT: 2.934 min Scan# 107
 Delta R.T. -0.013 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 569030
 Ion Ratio Lower Upper
 62 100
 64 33.2 26.6 39.8

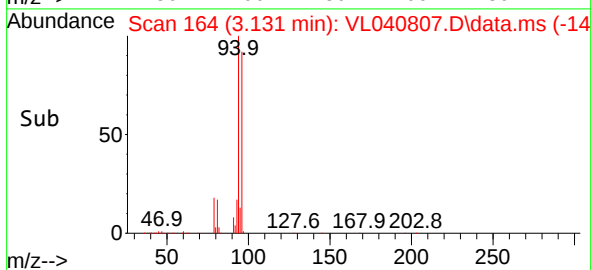
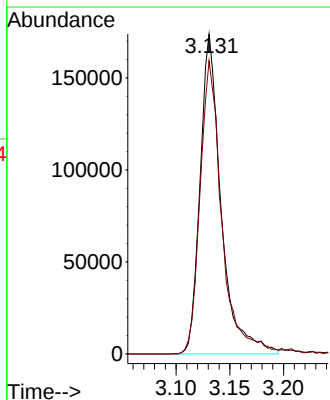
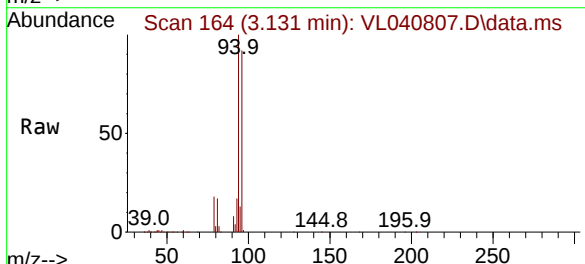
Manual Integrations
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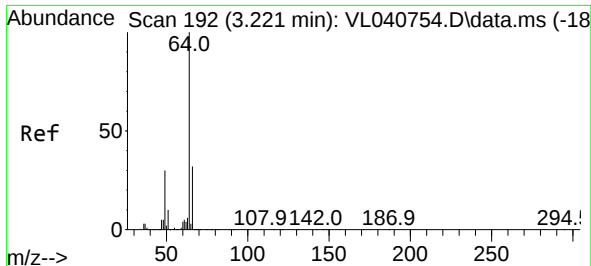
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#6
 Bromomethane
 Concen: 10.254 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. -0.016 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

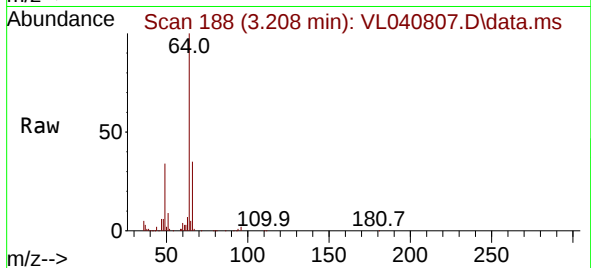
Tgt Ion: 94 Resp: 236684
 Ion Ratio Lower Upper
 94 100
 96 91.6 72.6 109.0





#7
Chloroethane
Concen: 10.660 ppbv
RT: 3.208 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

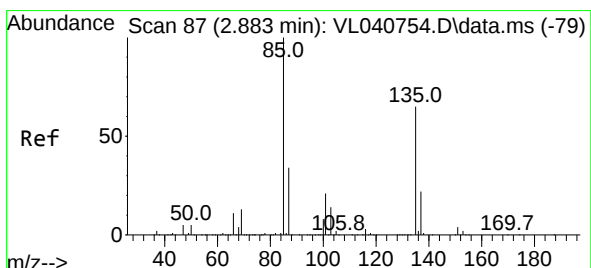
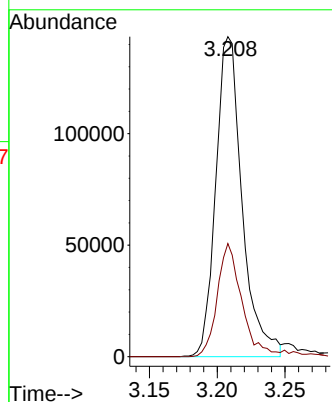
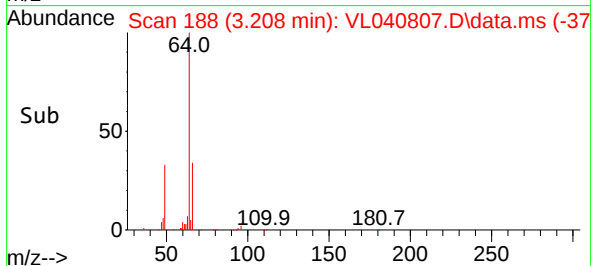
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 193619
Ion Ratio Lower Upper
64 100
66 35.4 25.4 38.2

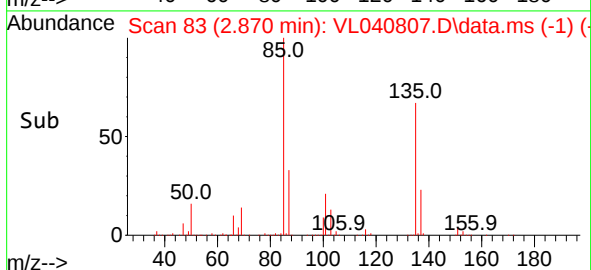
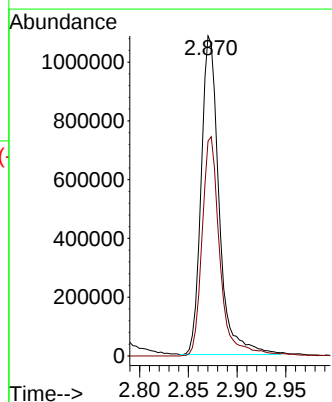
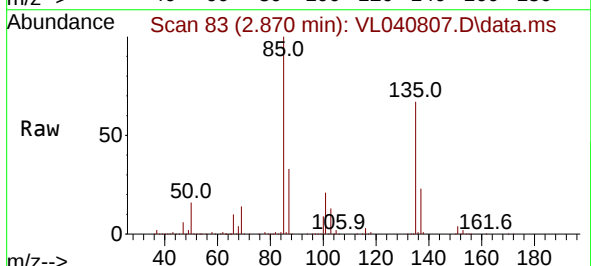
Manual Integrations
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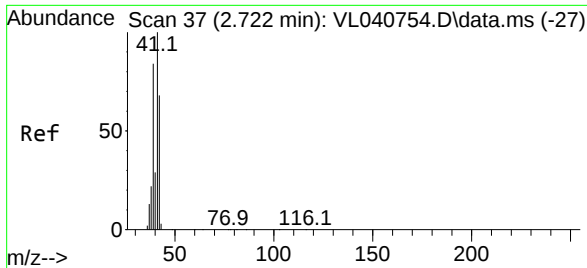
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#8
Dichlorotetrafluoroethane
Concen: 11.163 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Tgt Ion: 85 Resp: 1386534
Ion Ratio Lower Upper
85 100
135 69.3 55.4 83.2





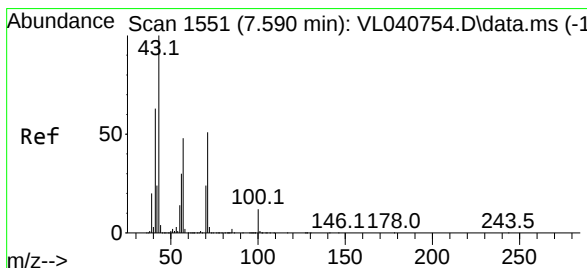
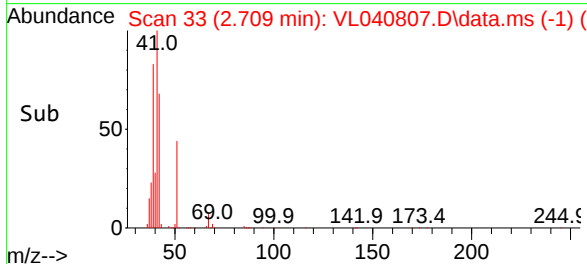
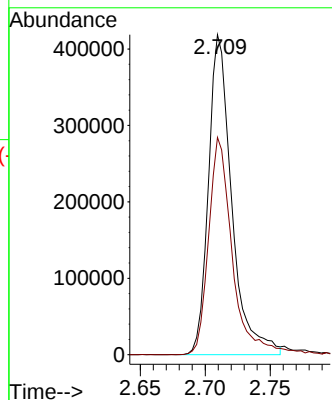
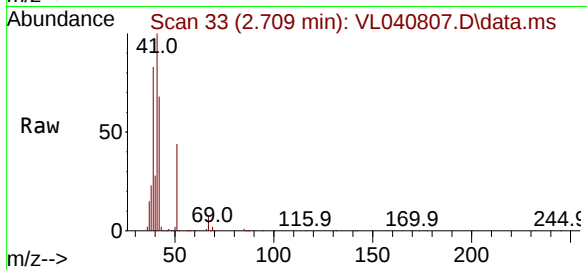
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Propene
Concen: 10.284 ppbv
RT: 2.709 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 41 Resp: 522320
Ion Ratio Lower Upper
41 100
42 70.1 57.1 85.7

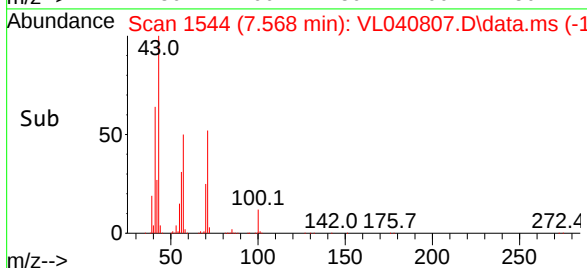
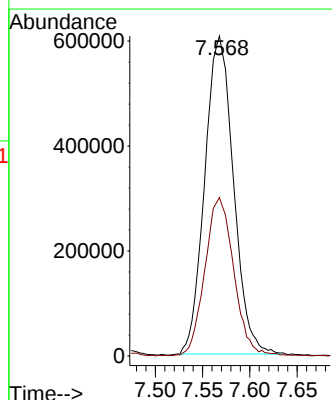
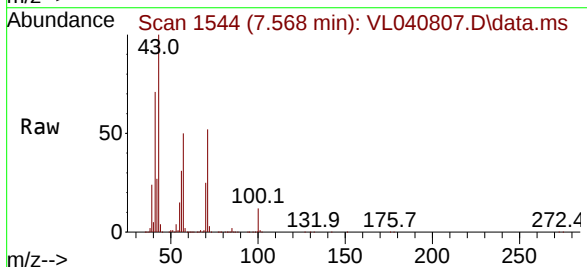
Manual Integrations
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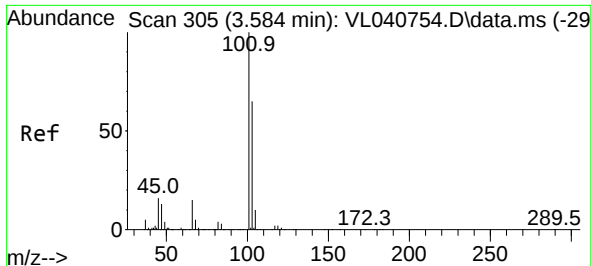
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#10
Heptane
Concen: 10.049 ppbv
RT: 7.568 min Scan# 1544
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

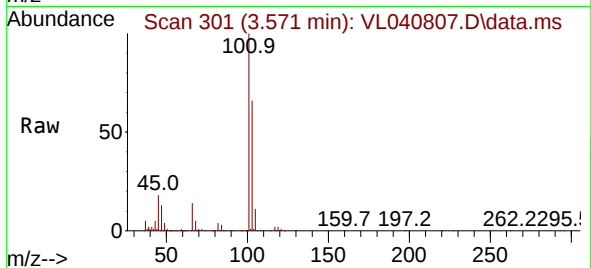
Tgt Ion: 43 Resp: 1282122
Ion Ratio Lower Upper
43 100
57 50.2 40.0 60.0





#11
Trichlorofluoromethane
Concen: 11.619 ppbv
RT: 3.571 min Scan# 305
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

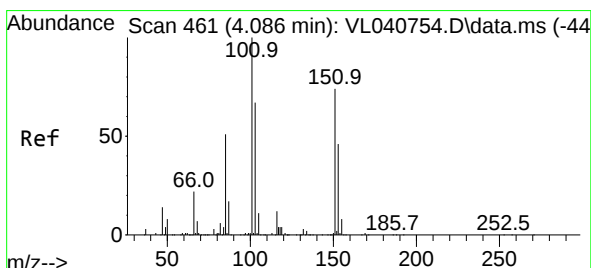
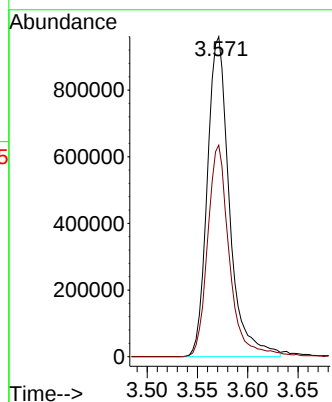
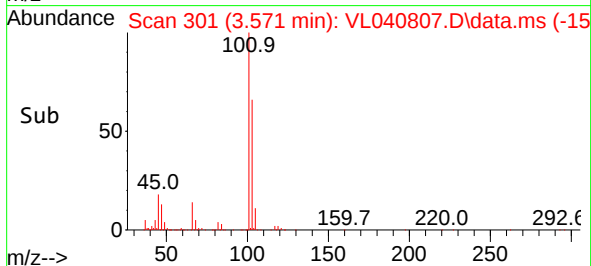
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 146932
Ion Ratio Lower Upper
101 100
103 66.1 52.2 78.2

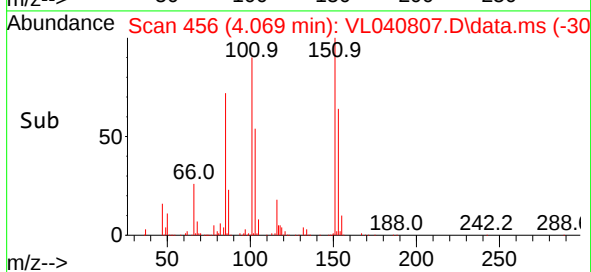
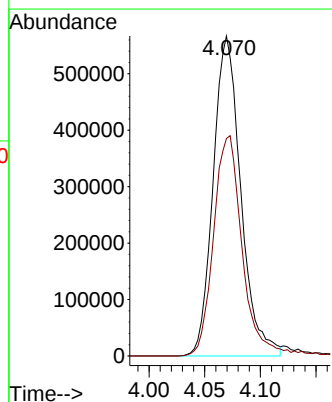
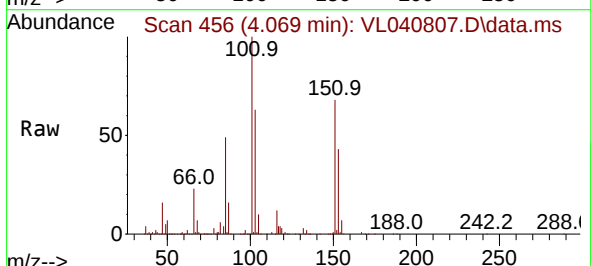
Manual Integrations
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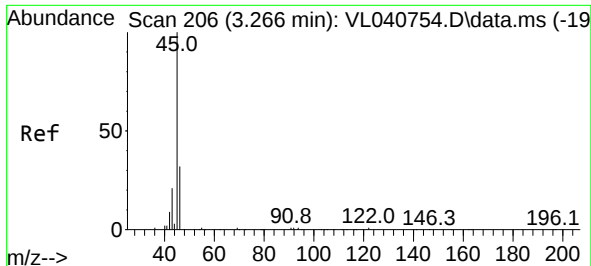
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.847 ppbv
RT: 4.069 min Scan# 456
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

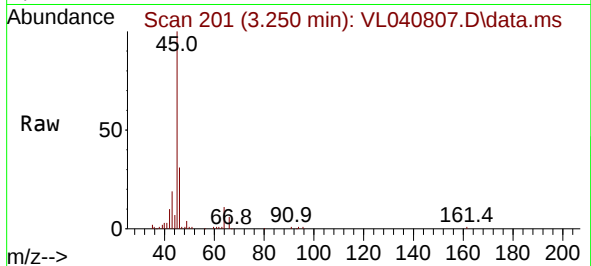
Tgt Ion:101 Resp: 978314
Ion Ratio Lower Upper
101 100
151 72.2 58.1 87.1





#13
Ethanol
Concen: 7.888 ppbv
RT: 3.250 min Scan# 206
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

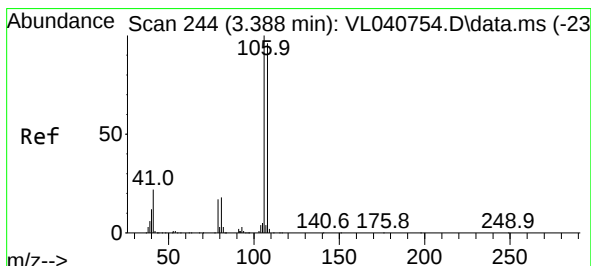
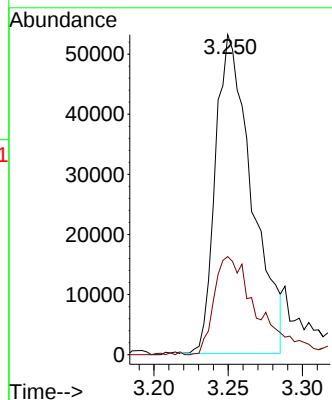
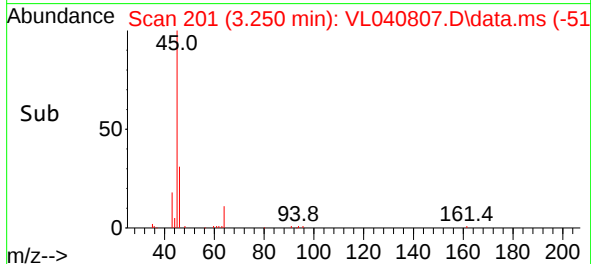
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



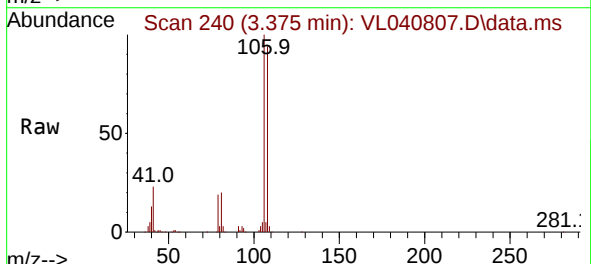
Tgt Ion: 45 Resp: 90440
Ion Ratio Lower Upper
45 100
46 42.0 14.6 58.2

Manual Integrations
APPROVED

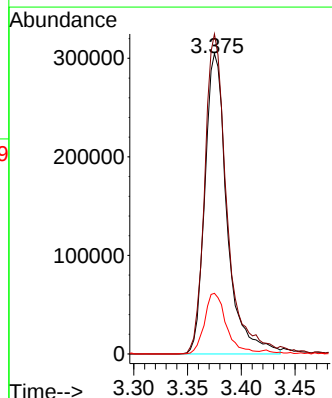
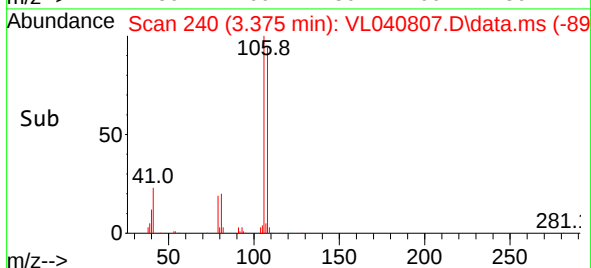
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

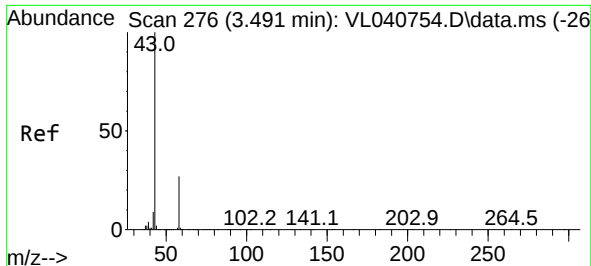


#14
Bromoethene
Concen: 11.296 ppbv
RT: 3.375 min Scan# 240
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



Tgt Ion:108 Resp: 436338
Ion Ratio Lower Upper
108 100
106 109.2 85.2 127.8
79 21.2 15.7 23.5





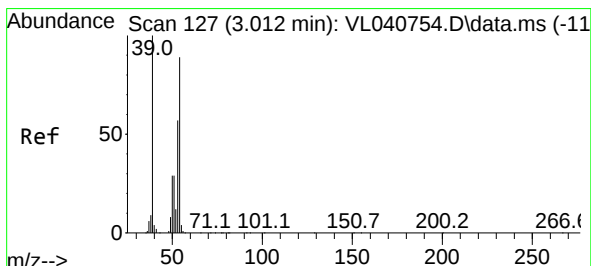
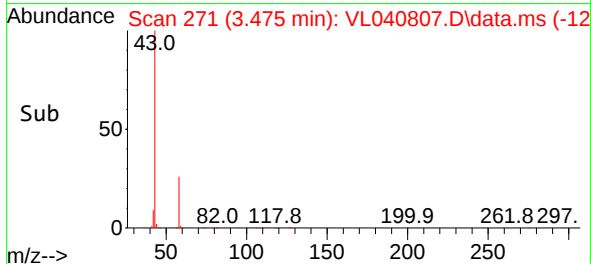
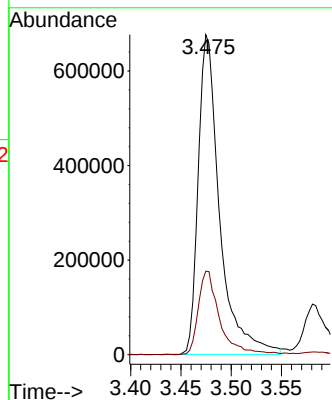
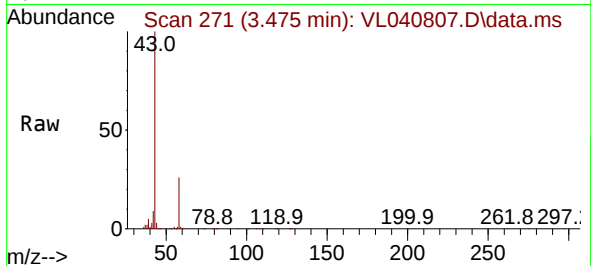
#15
Acetone
Concen: 10.414 ppbv
RT: 3.475 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 100168
Ion Ratio Lower Upper
43 100
58 26.3 21.6 32.4

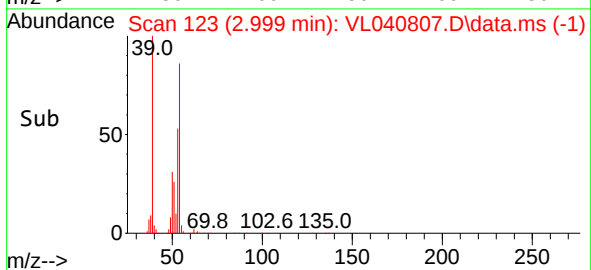
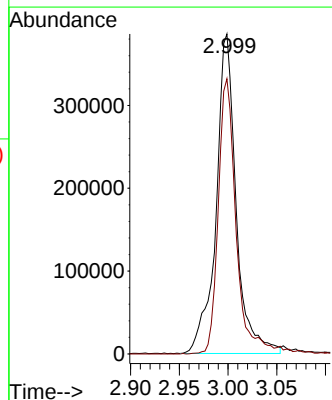
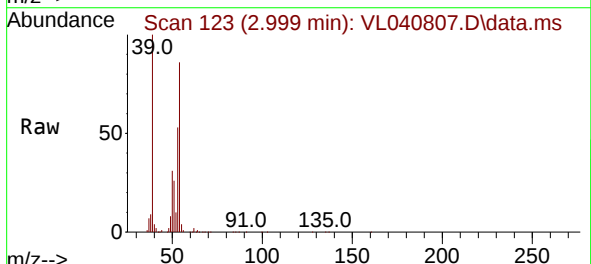
Manual Integrations
APPROVED

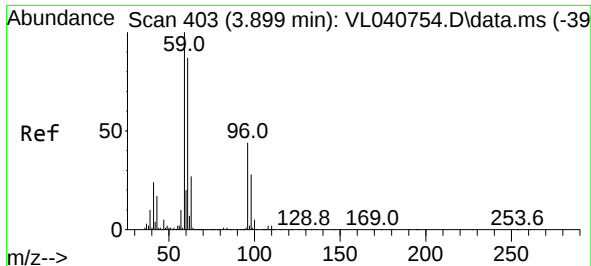
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#16
1,3-Butadiene
Concen: 11.007 ppbv
RT: 2.999 min Scan# 123
Delta R.T. -0.013 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Tgt Ion: 39 Resp: 555421
Ion Ratio Lower Upper
39 100
54 77.8 63.0 94.6





#17

tert-Butyl alcohol

Concen: 9.377 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.016 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 924859

Ion Ratio Lower Upper

59 100

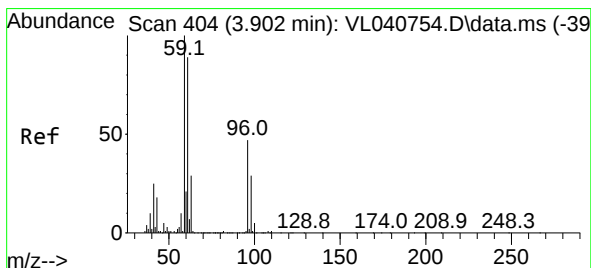
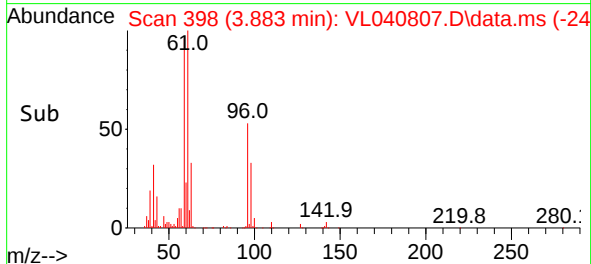
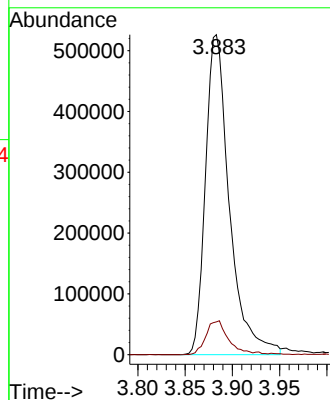
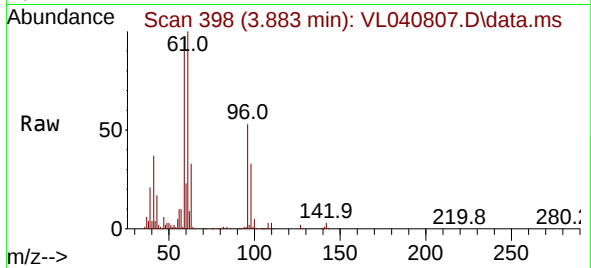
57 10.4 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#18

1,1-Dichloroethene

Concen: 10.928 ppbv

RT: 3.883 min Scan# 398

Delta R.T. -0.019 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

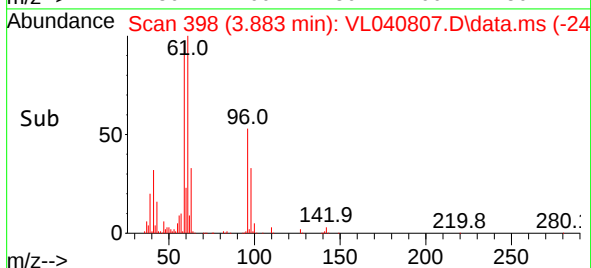
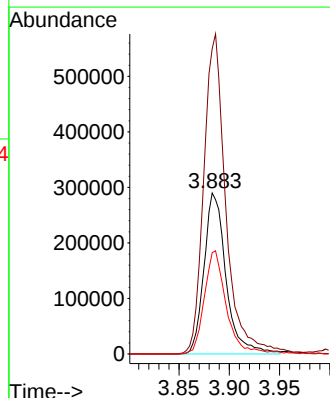
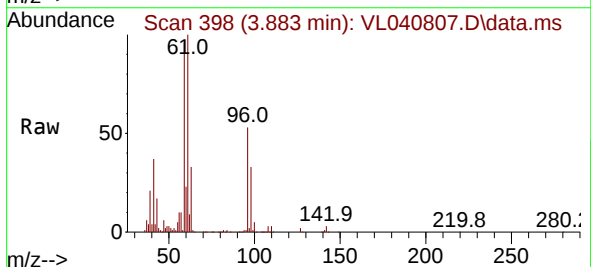
Tgt Ion: 96 Resp: 441782

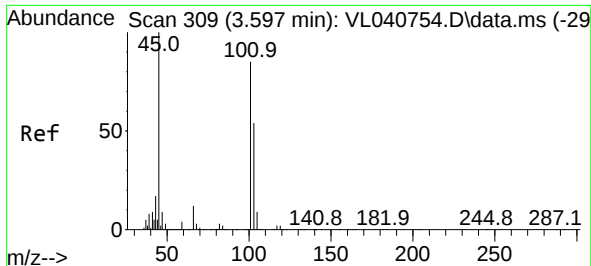
Ion Ratio Lower Upper

96 100

61 189.5 152.5 228.7

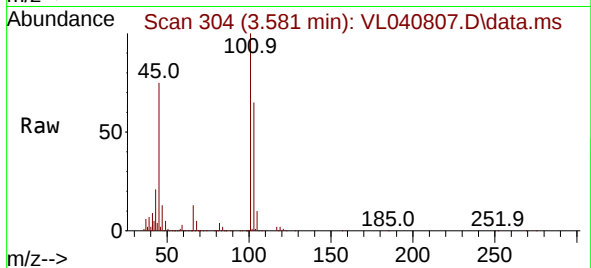
98 62.9 49.6 74.4





#19
Isopropyl Alcohol
Concen: 10.698 ppbv
RT: 3.581 min Scan# 309
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

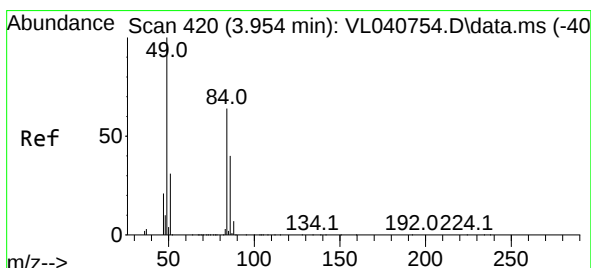
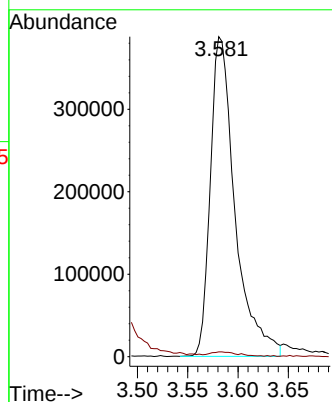
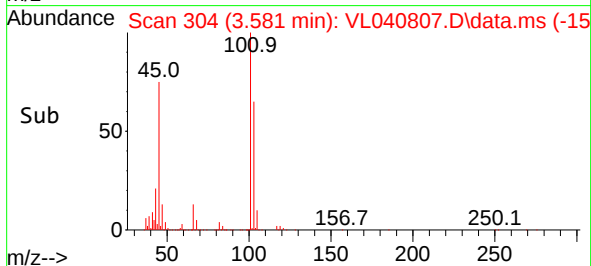
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 662410
Ion Ratio Lower Upper
45 100
58 1.7 30.3 45.5

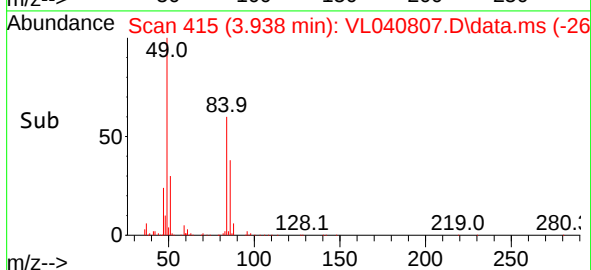
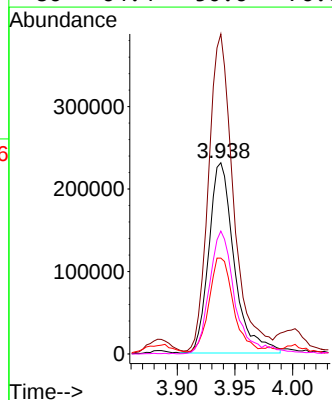
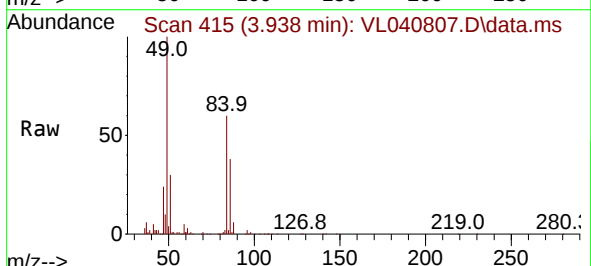
Manual Integrations
APPROVED

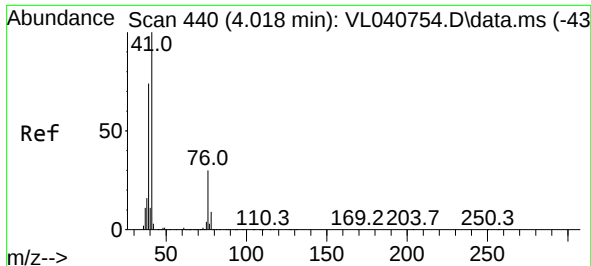
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#20
Methylene Chloride
Concen: 8.807 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Tgt Ion: 84 Resp: 352864
Ion Ratio Lower Upper
84 100
49 166.2 125.6 188.4
51 48.7 38.9 58.3
86 64.4 50.6 76.0





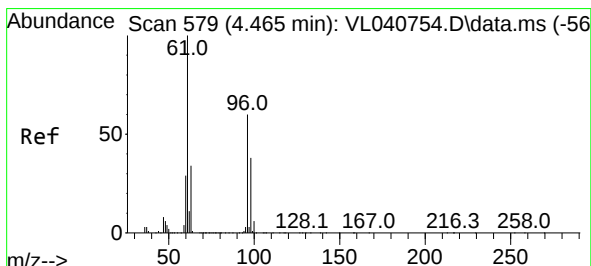
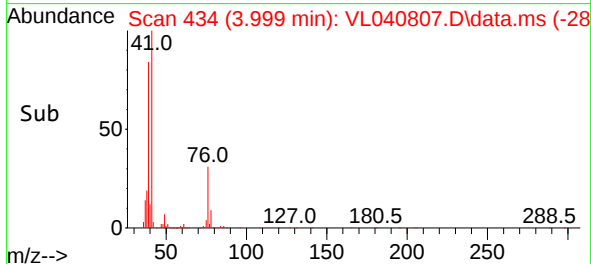
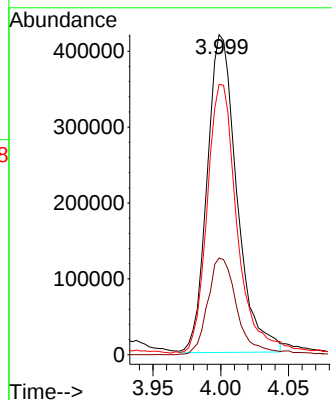
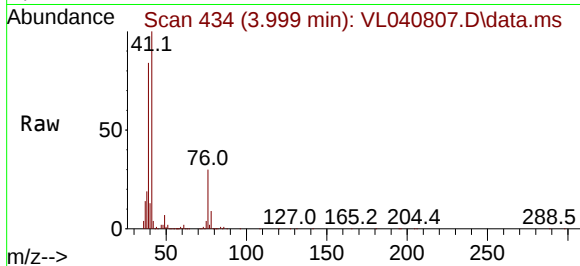
#21
 Allyl Chloride
 Concen: 10.075 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 63916
 Ion Ratio Lower Upper
 41 100
 76 30.7 24.1 36.1
 39 87.0 63.8 95.6

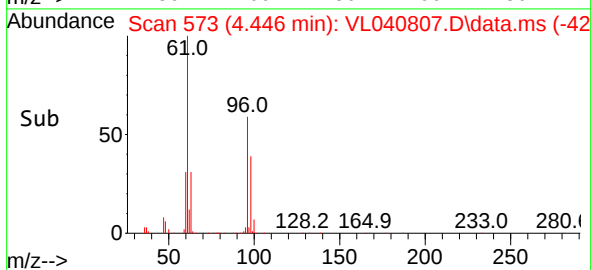
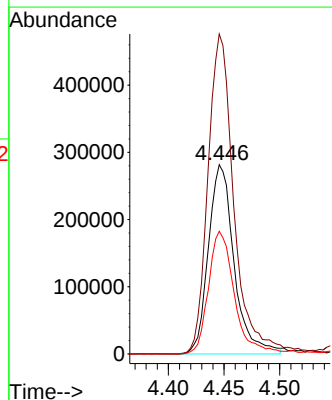
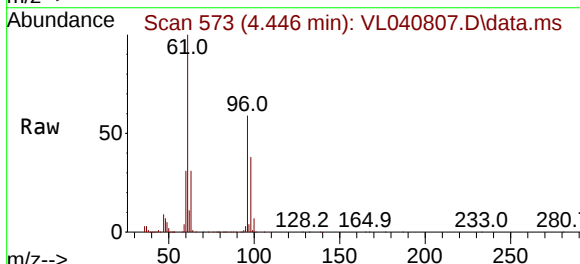
Manual Integrations
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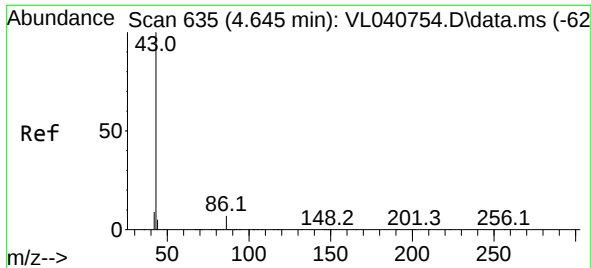
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.523 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.019 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

Tgt Ion: 96 Resp: 452778
 Ion Ratio Lower Upper
 96 100
 61 169.0 134.0 201.0
 98 64.9 51.0 76.4





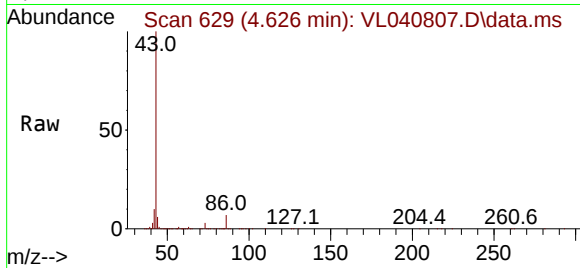
#23
 Vinyl Acetate
 Concen: 9.291 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.019 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

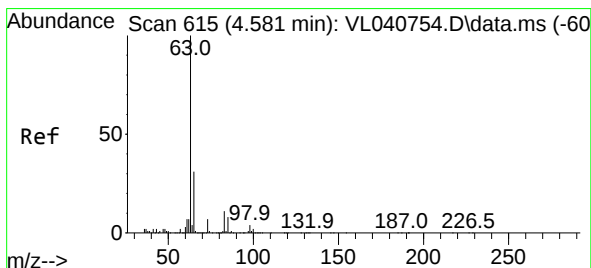
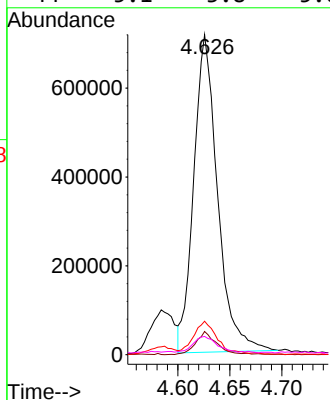
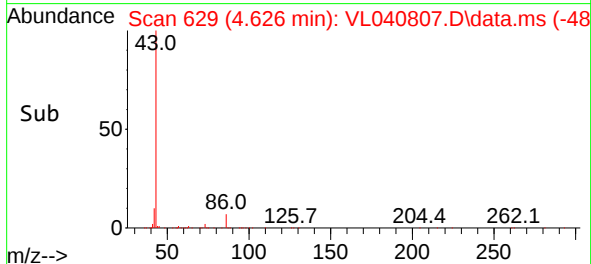


Tgt Ion: 43 Resp: 113898
 Ion Ratio Lower Upper
 43 100
 86 7.2 4.9 7.3
 42 10.4 7.8 11.6
 44 5.1 3.8 5.6

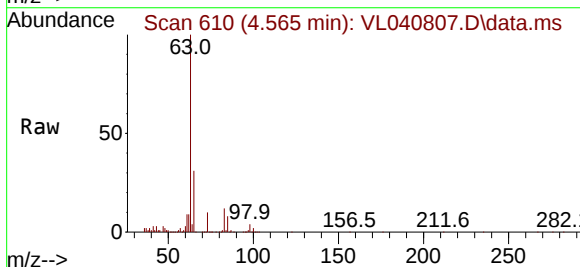
Manual Integrations

APPROVED

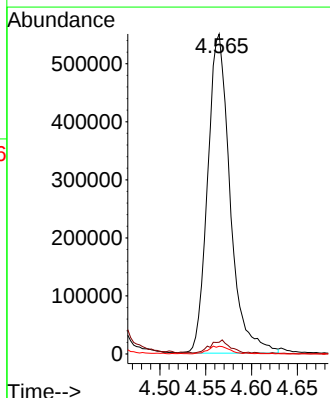
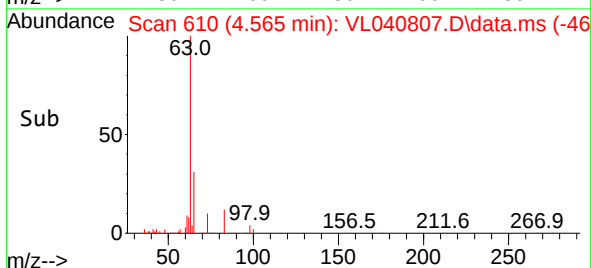
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

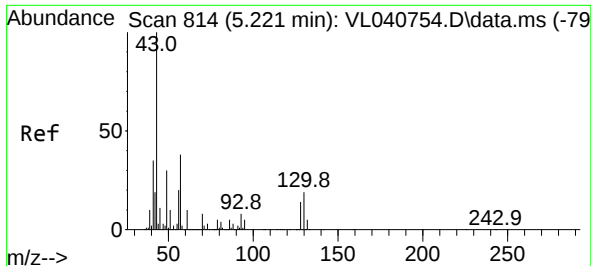


#24
 1,1-Dichloroethane
 Concen: 10.112 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.016 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29



Tgt Ion: 63 Resp: 934933
 Ion Ratio Lower Upper
 63 100
 98 3.4 2.0 5.8
 100 2.3 1.3 3.8





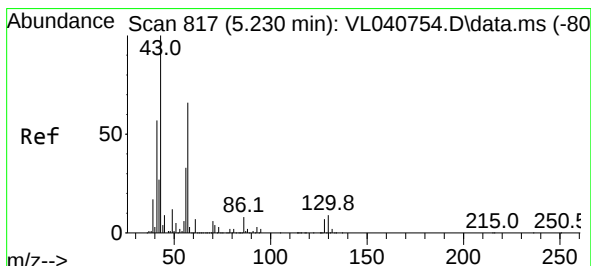
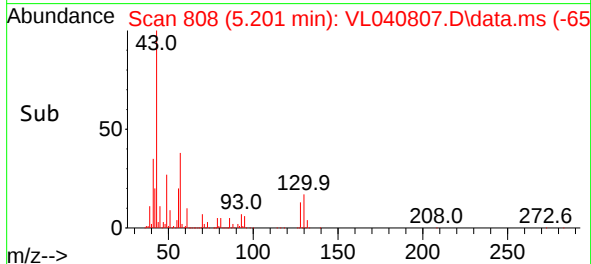
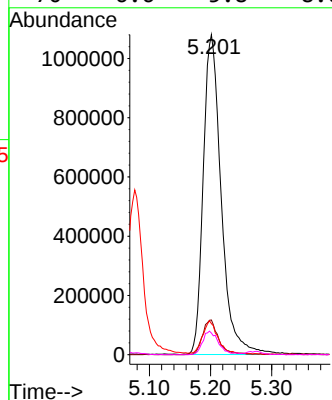
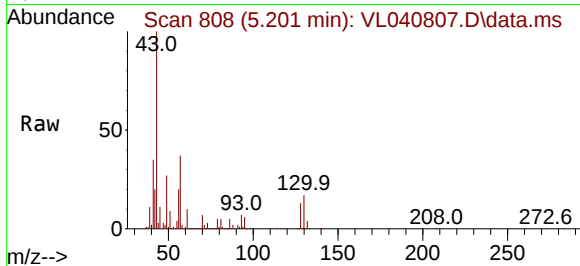
#25
Ethyl Acetate
Concen: 10.442 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 220070
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.4
61 9.3 8.2 12.2
70 6.6 5.8 8.6

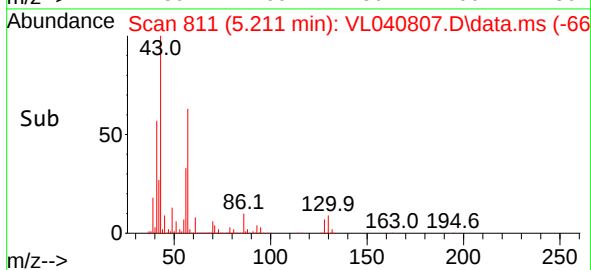
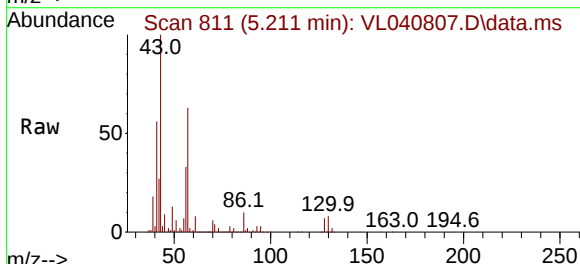
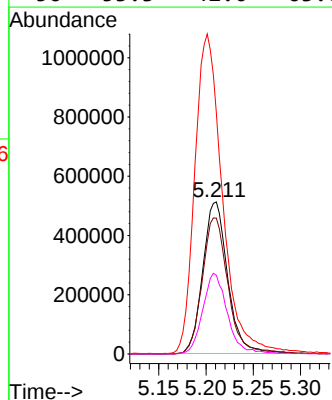
Manual Integrations
APPROVED

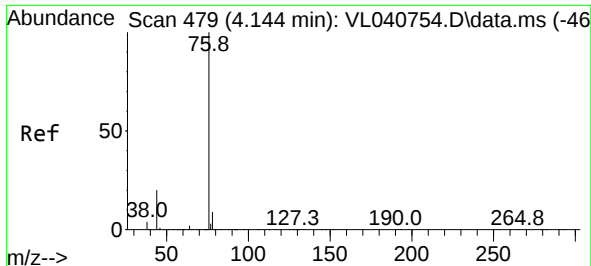
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#26
Hexane
Concen: 9.700 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.019 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

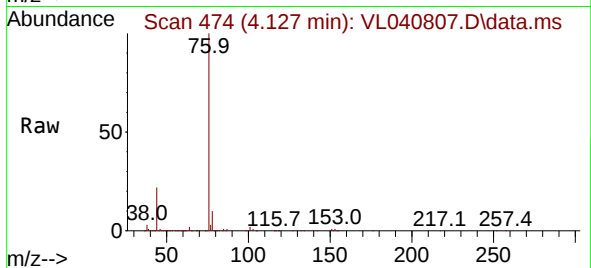
Tgt Ion: 57 Resp: 934336
Ion Ratio Lower Upper
57 100
41 94.5 71.4 107.2
43 236.0 182.3 273.5
56 53.3 42.0 63.0





#27
Carbon Disulfide
Concen: 10.472 ppbv
RT: 4.127 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

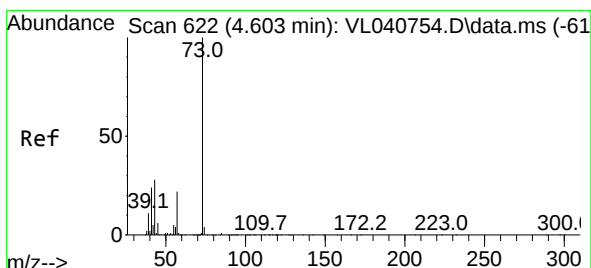
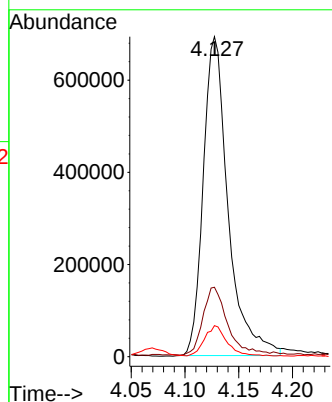
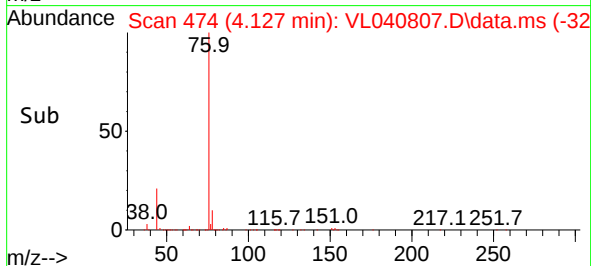
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



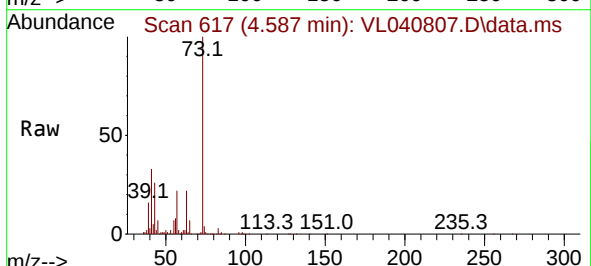
Tgt Ion: 76 Resp: 111299
Ion Ratio Lower Upper
76 100
44 21.9 16.6 25.0
78 9.3 7.8 11.6

Manual Integrations
APPROVED

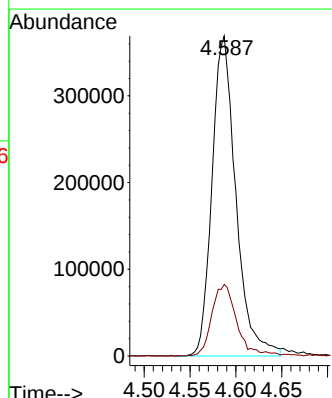
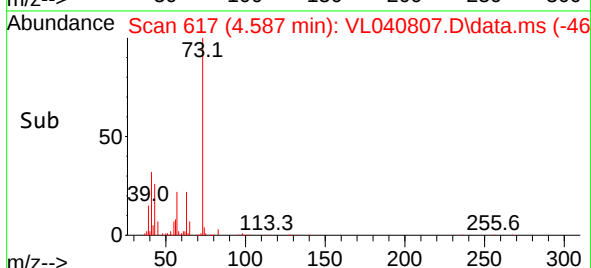
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

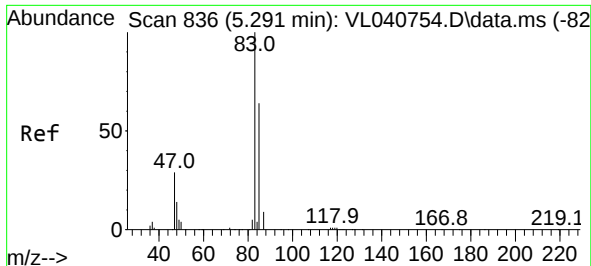


#28
Methyl tert-Butyl Ether
Concen: 8.908 ppbv
RT: 4.587 min Scan# 617
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



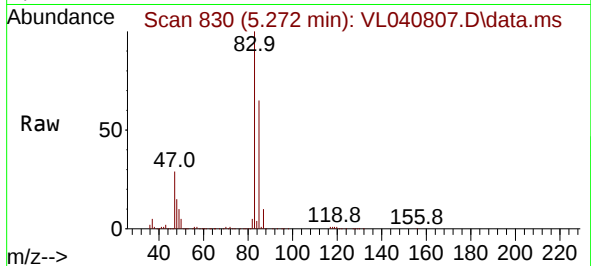
Tgt Ion: 73 Resp: 667245
Ion Ratio Lower Upper
73 100
57 23.6 18.9 28.3





#29
Chloroform
Concen: 11.400 ppbv
RT: 5.272 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

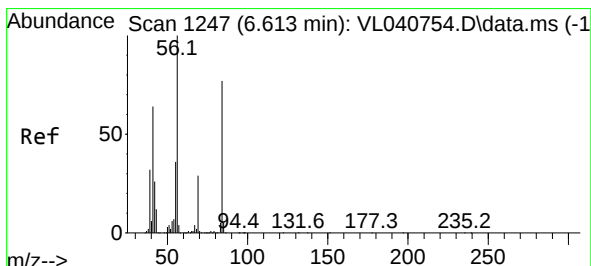
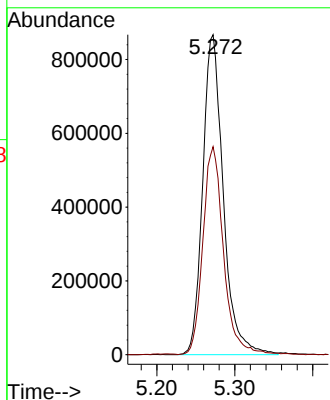
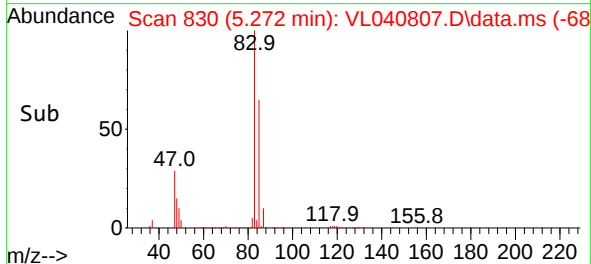
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



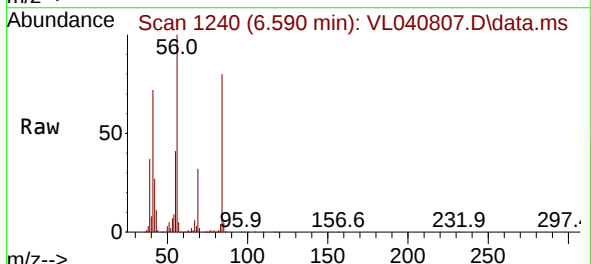
Tgt Ion: 83 Resp: 158887
Ion Ratio Lower Upper
83 100
85 64.9 51.3 76.9

Manual Integrations
APPROVED

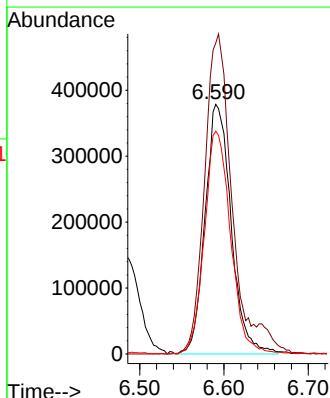
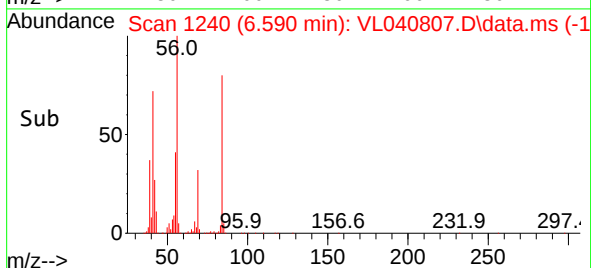
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

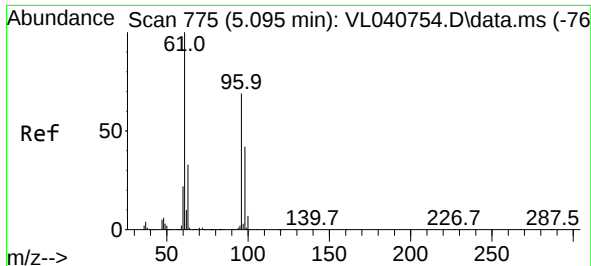


#30
Cyclohexane
Concen: 9.950 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



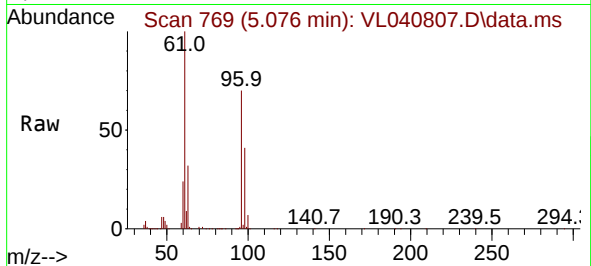
Tgt Ion: 84 Resp: 815577
Ion Ratio Lower Upper
84 100
56 136.8 110.3 165.5
41 89.6 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 11.032 ppbv
 RT: 5.076 min Scan# 70
 Delta R.T. -0.019 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

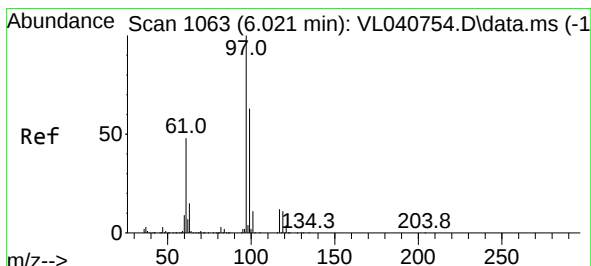
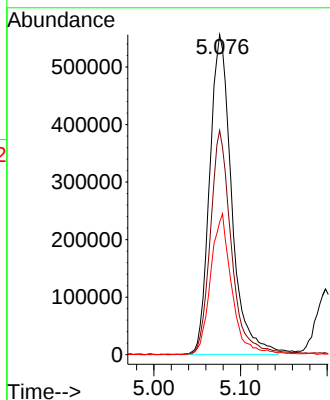
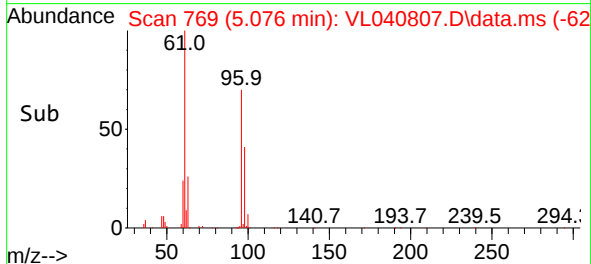
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 97929
 Ion Ratio Lower Upper
 61 100
 96 70.0 55.1 82.7
 98 41.3 33.5 50.3

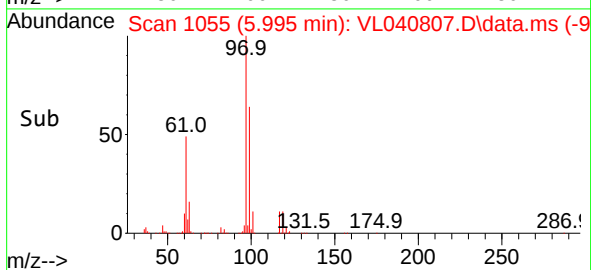
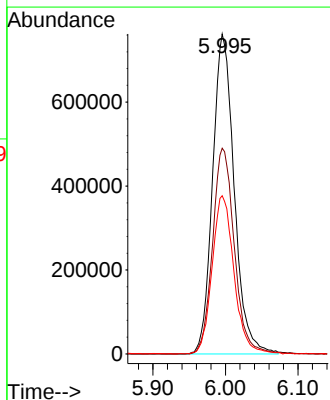
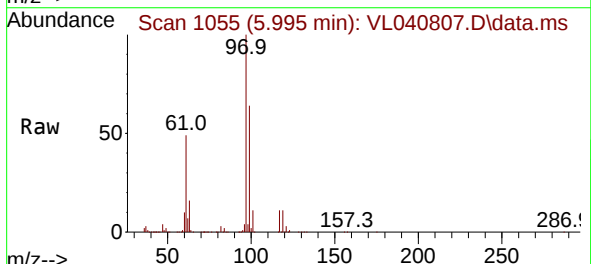
Manual Integrations
 APPROVED

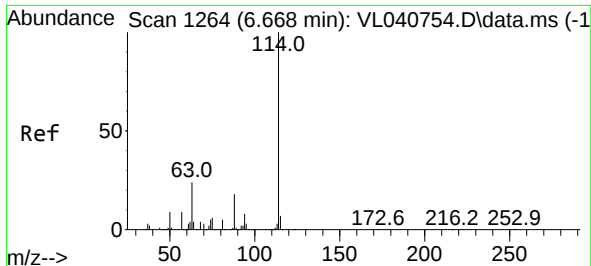
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.640 ppbv
 RT: 5.995 min Scan# 1055
 Delta R.T. -0.026 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

Tgt Ion: 97 Resp: 1578386
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.8 77.6
 61 50.0 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 240958

Ion Ratio Lower Upper

114 100

63 25.2 19.8 29.6

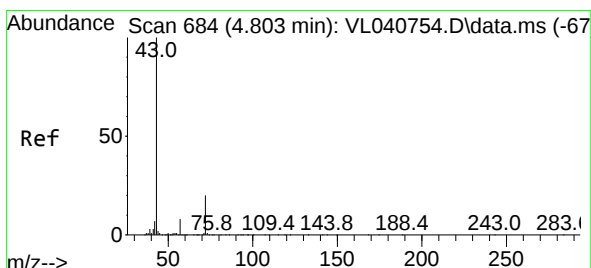
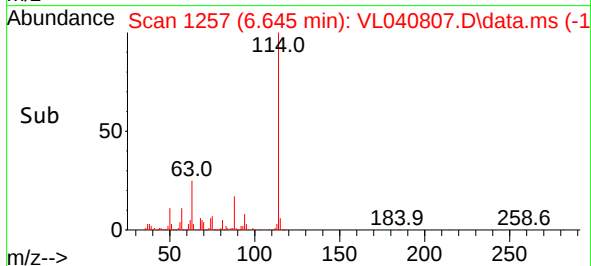
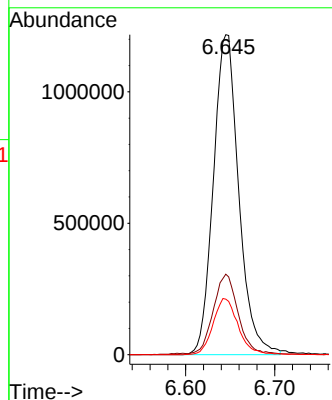
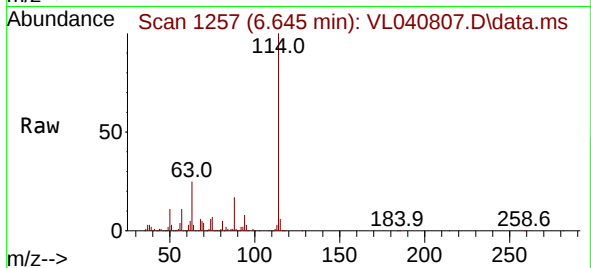
88 17.4 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#34

2-Butanone

Concen: 11.660 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.019 min

Lab File: VL040807.D

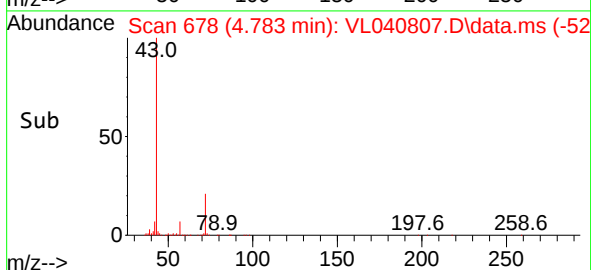
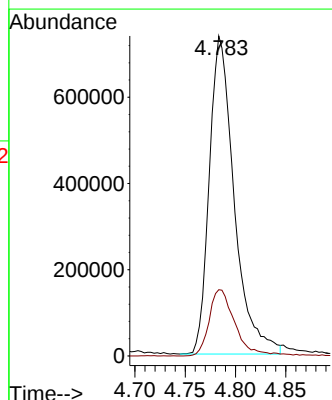
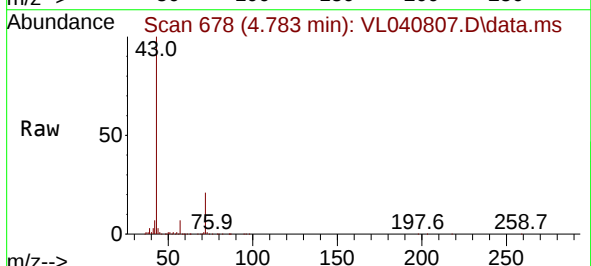
Acq: 25 Oct 2023 19:29

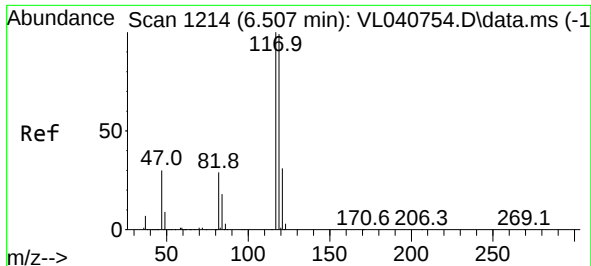
Tgt Ion: 43 Resp: 1271756

Ion Ratio Lower Upper

43 100

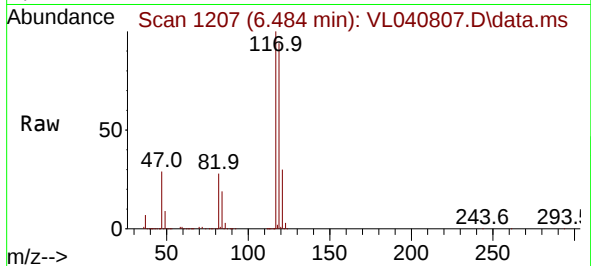
72 22.2 16.8 25.2





#35
Carbon Tetrachloride
Concen: 12.448 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

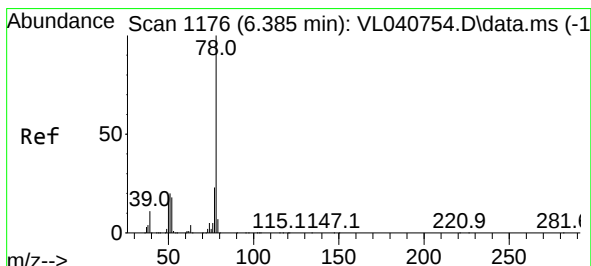
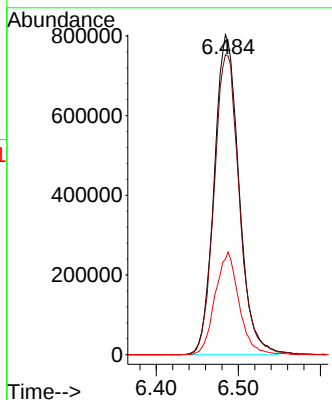
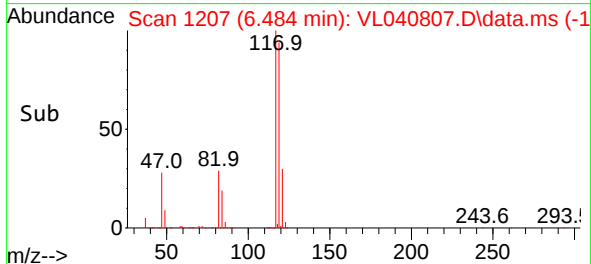
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 1683560
Ion Ratio Lower Upper
117 100
119 93.7 79.4 119.0
121 29.8 25.0 37.4

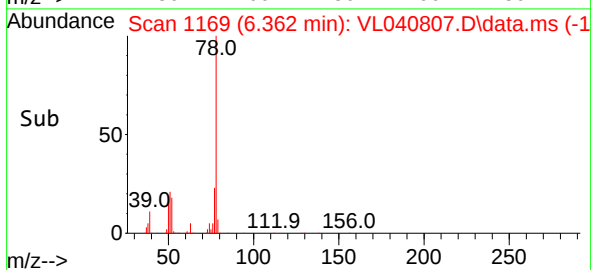
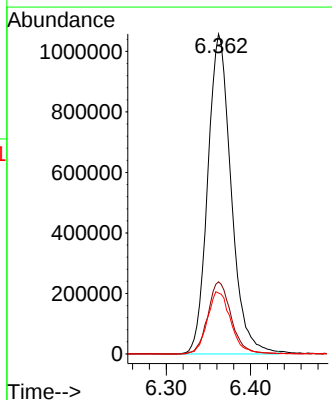
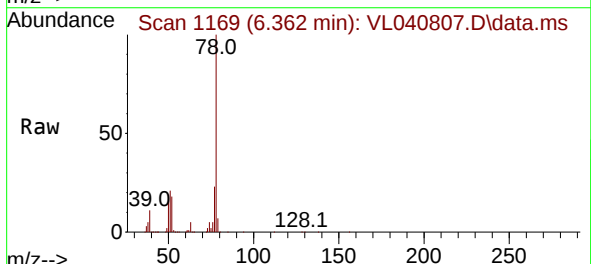
Manual Integrations
APPROVED

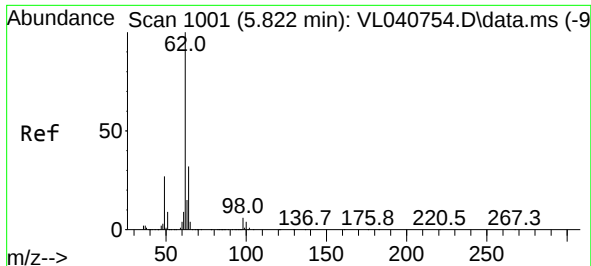
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#36
Benzene
Concen: 11.019 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Tgt Ion: 78 Resp: 2042215
Ion Ratio Lower Upper
78 100
77 22.6 18.4 27.6
50 19.0 15.0 22.4





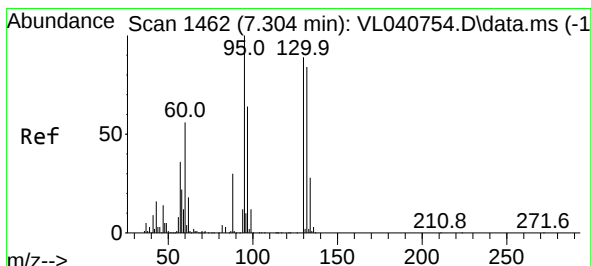
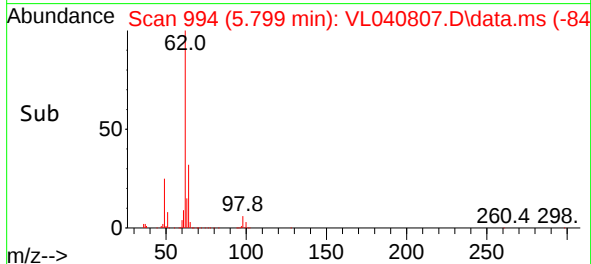
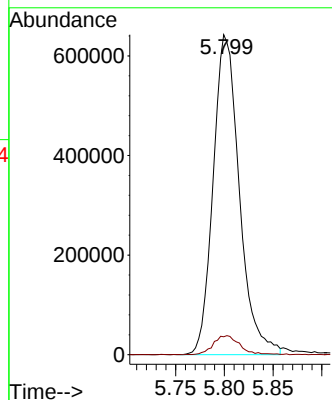
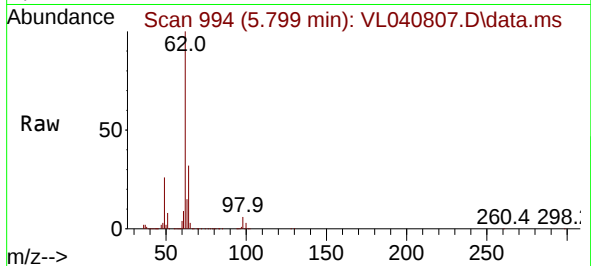
#37
1,2-Dichloroethane
Concen: 12.676 ppbv
RT: 5.799 min Scan# 91
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 120322
Ion Ratio Lower Upper
62 100
98 6.1 5.4 8.0

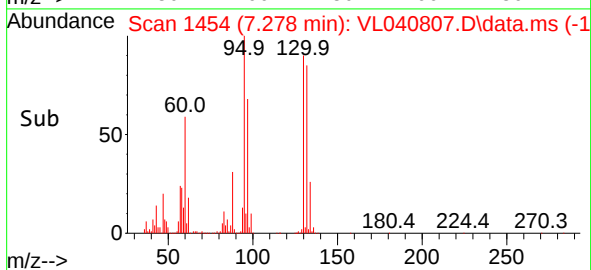
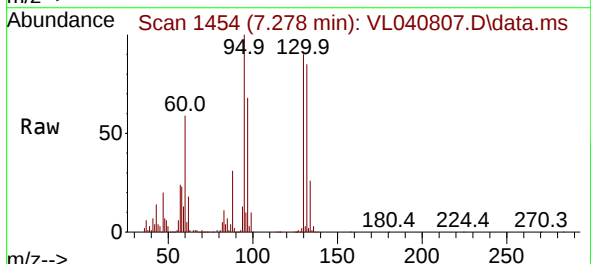
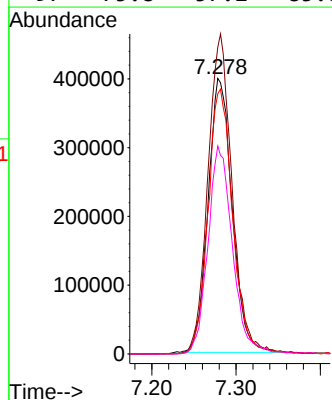
Manual Integrations
APPROVED

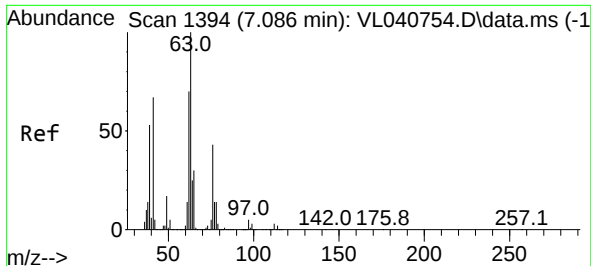
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#38
Trichloroethene
Concen: 9.679 ppbv
RT: 7.278 min Scan# 1454
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Tgt Ion:130 Resp: 793895
Ion Ratio Lower Upper
130 100
95 111.8 89.4 134.2
132 94.8 74.8 112.2
97 75.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 10.972 ppbv

RT: 7.063 min Scan# 1453

Delta R.T. -0.023 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 79448

Ion Ratio Lower Upper

63 100

41 81.8 53.7 80.5

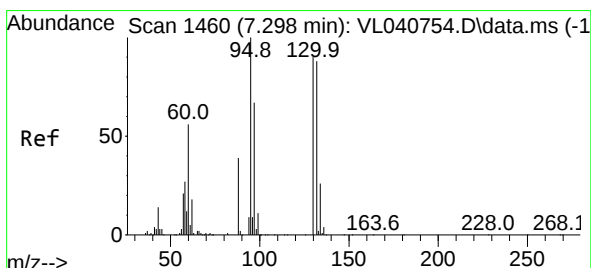
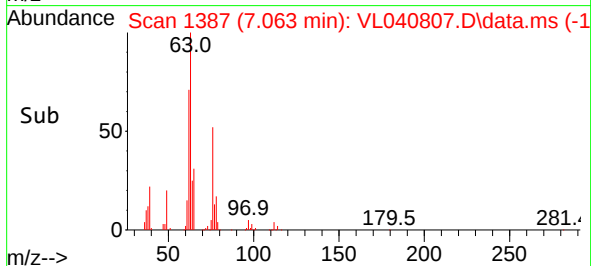
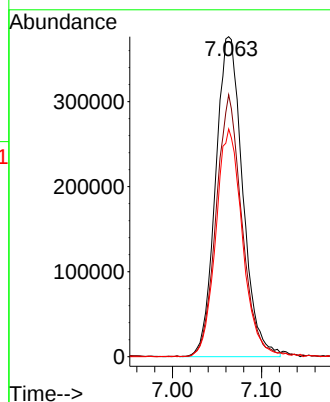
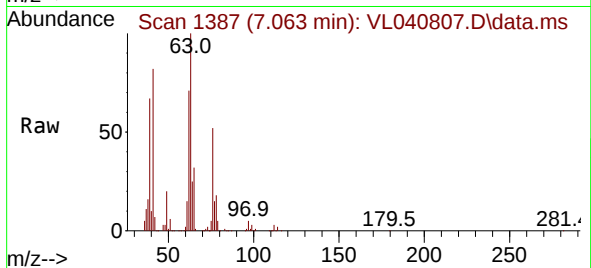
62 71.0 55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#40

1,4-Dioxane

Concen: 11.710 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. -0.023 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Tgt Ion: 88 Resp: 320877

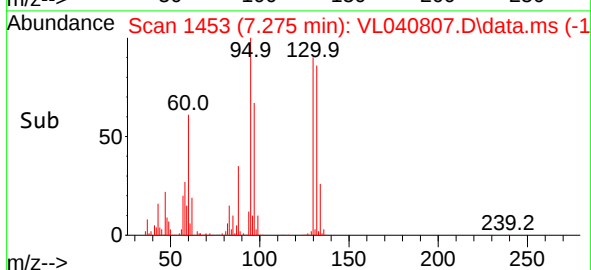
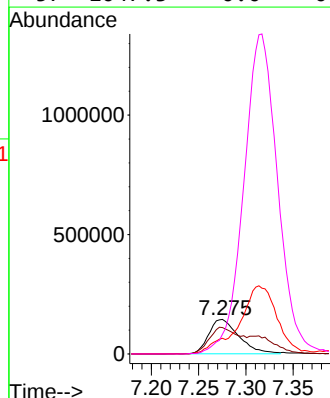
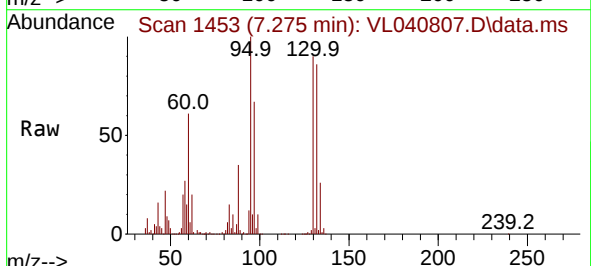
Ion Ratio Lower Upper

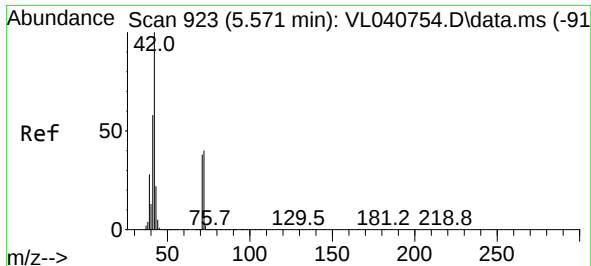
88 100

58 124.0 100.0 150.0

43 250.4 0.0 0.0#

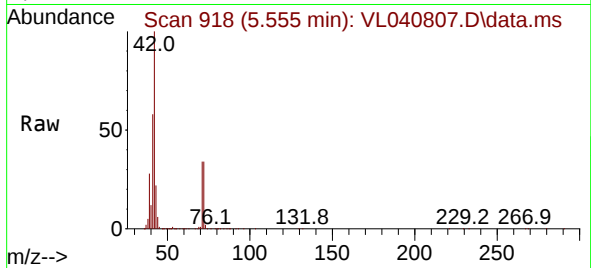
57 1047.3 0.0 0.0#





#41
Tetrahydrofuran
Concen: 11.004 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.016 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

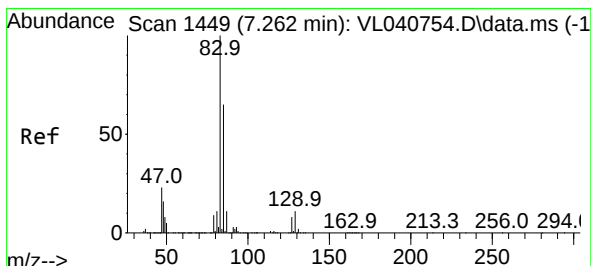
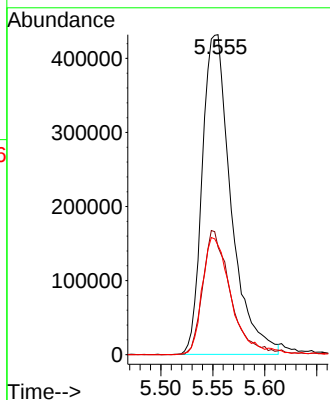
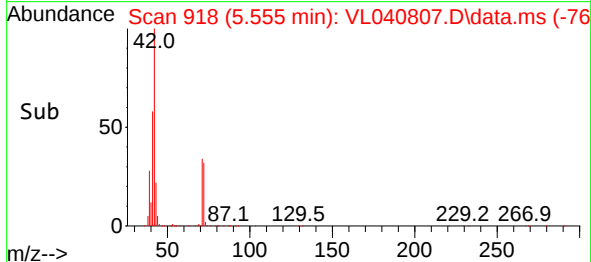
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



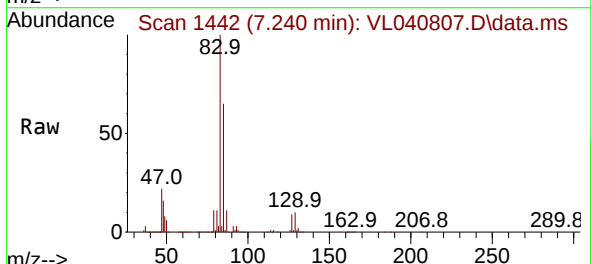
Tgt Ion: 42 Resp: 831159
Ion Ratio Lower Upper
42 100
72 38.3 31.1 46.7
71 37.5 29.7 44.5

Manual Integrations
APPROVED

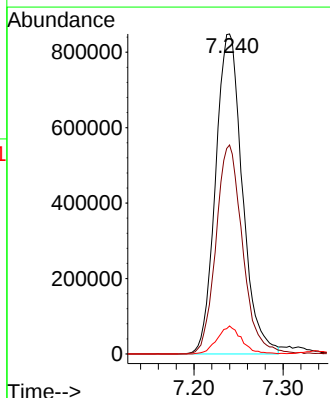
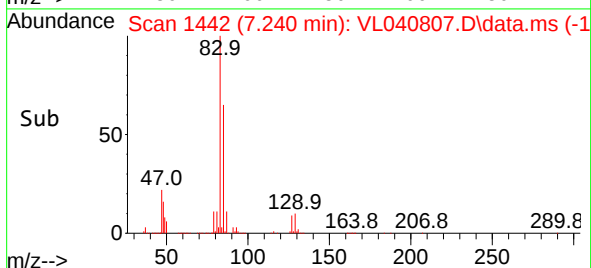
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

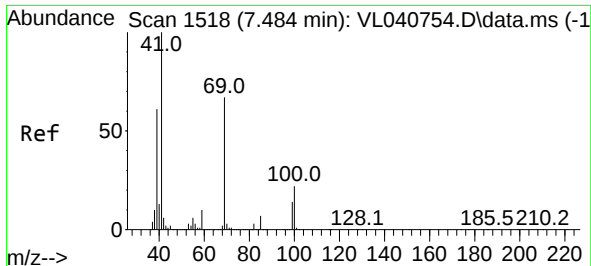


#42
Bromodichloromethane
Concen: 12.488 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



Tgt Ion: 83 Resp: 1775704
Ion Ratio Lower Upper
83 100
85 65.3 52.1 78.1
127 8.8 6.7 10.1





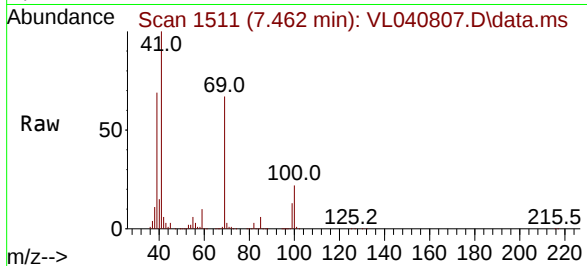
#43
Methyl Methacrylate
Concen: 11.546 ppbv
RT: 7.462 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

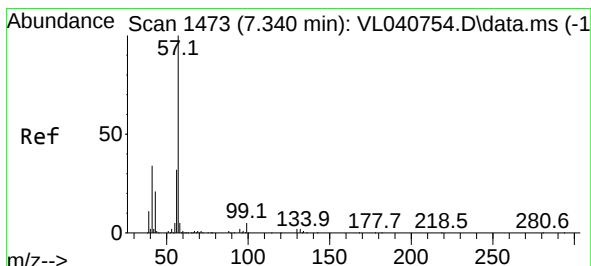
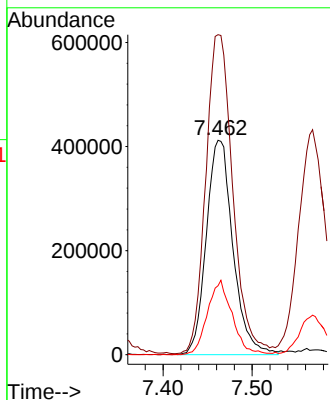
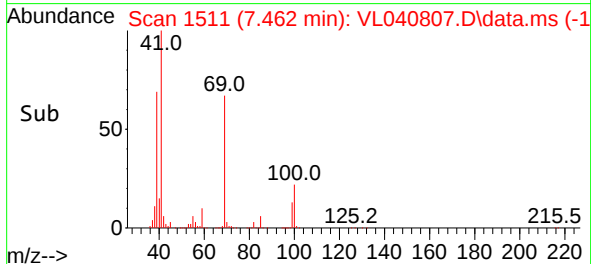


Tgt Ion: 69 Resp: 856580
Ion Ratio Lower Upper
69 100
41 151.3 120.6 181.0
100 32.3 27.1 40.7

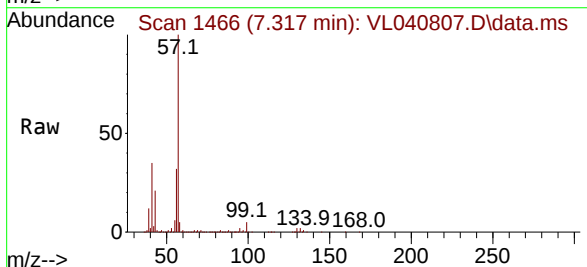
Manual Integrations

APPROVED

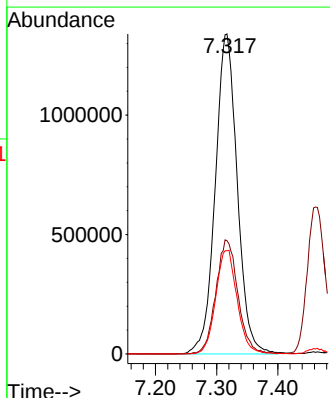
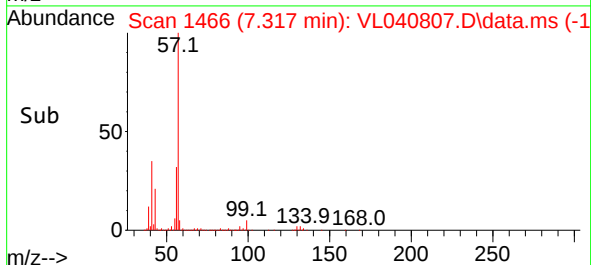
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

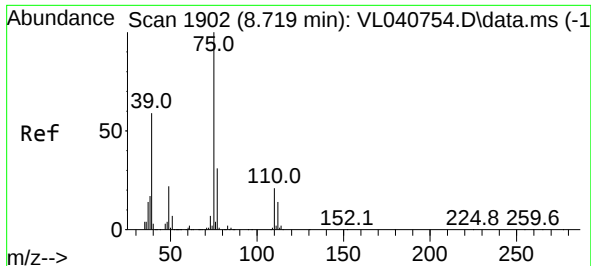


#44
2,2,4-Trimethylpentane
Concen: 10.701 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



Tgt Ion: 57 Resp: 3354066
Ion Ratio Lower Upper
57 100
41 35.9 27.4 41.0
56 31.6 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.294 ppbv

RT: 8.696 min Scan# 1718

Delta R.T. -0.023 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 60900

Ion Ratio Lower Upper

75 100

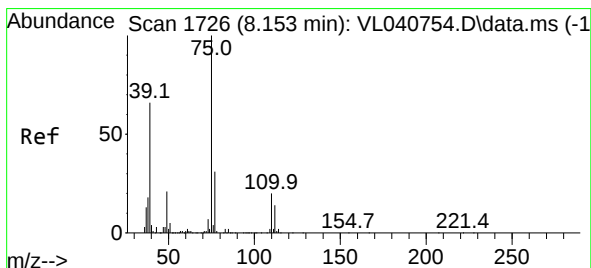
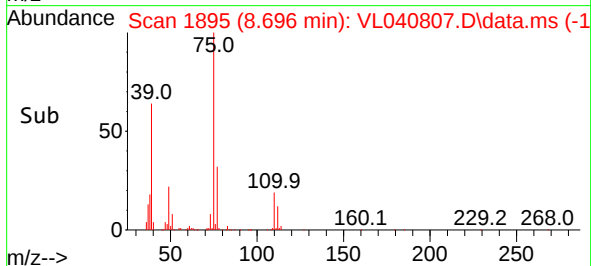
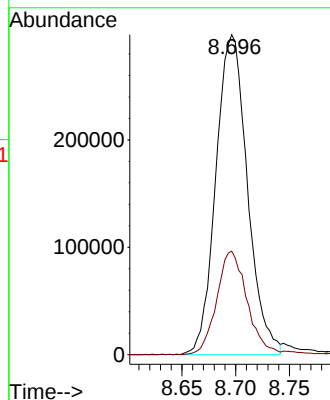
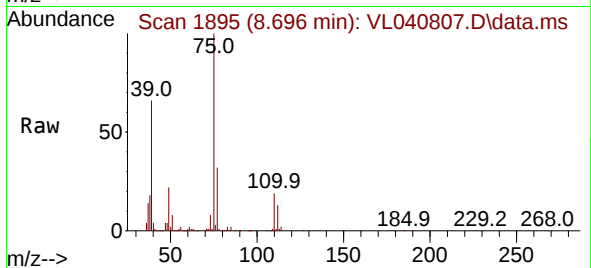
77 32.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#46

cis-1,3-Dichloropropene

Concen: 10.101 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. -0.026 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

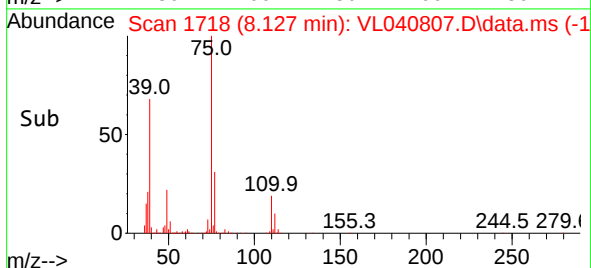
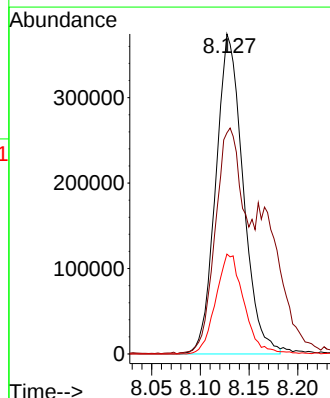
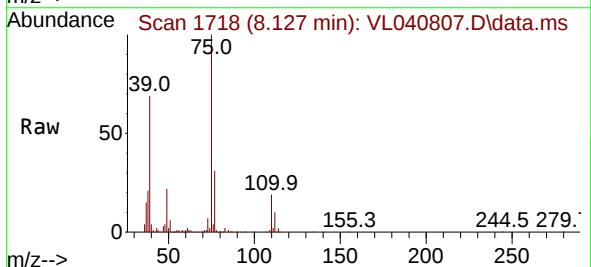
Tgt Ion: 75 Resp: 730091

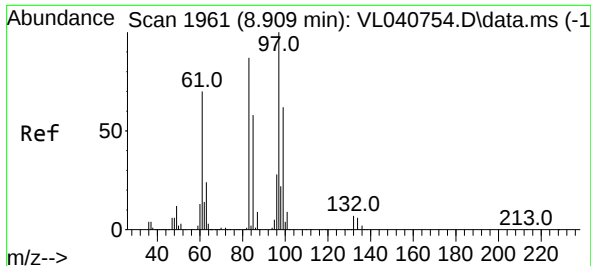
Ion Ratio Lower Upper

75 100

39 68.7 52.4 78.6

77 31.2 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 11.271 ppbv

RT: 8.883 min Scan# 1961

Delta R.T. -0.026 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 857300

Ion Ratio Lower Upper

97 100

83 86.5 69.5 104.3

85 59.5 46.6 69.8

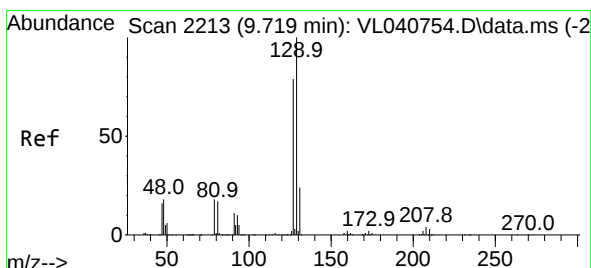
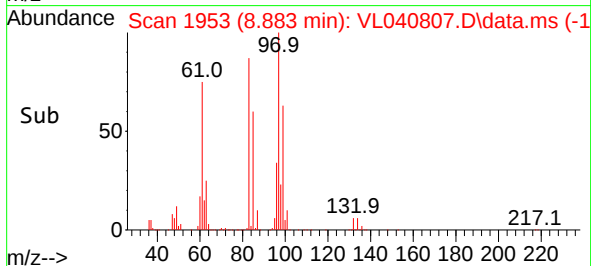
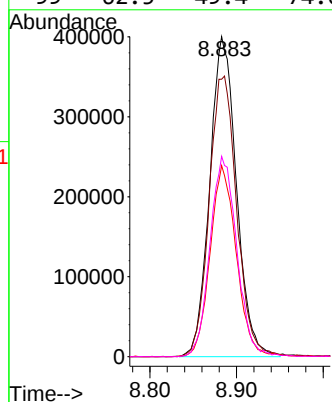
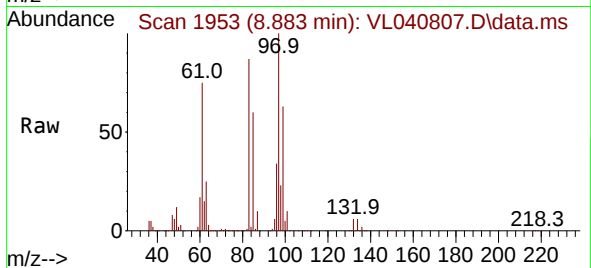
99 62.5 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#48

Dibromochloromethane

Concen: 11.917 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. -0.026 min

Lab File: VL040807.D

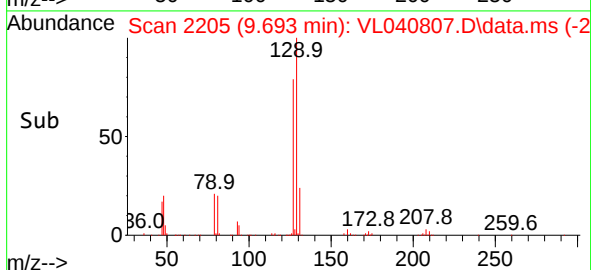
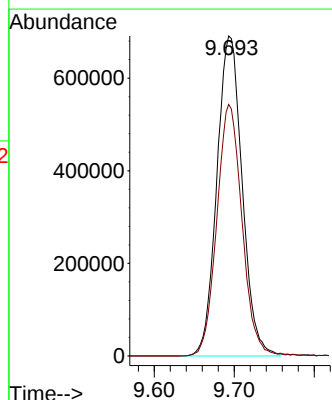
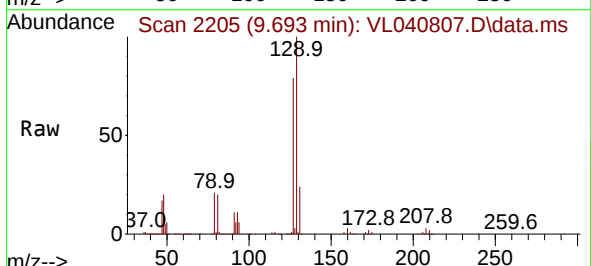
Acq: 25 Oct 2023 19:29

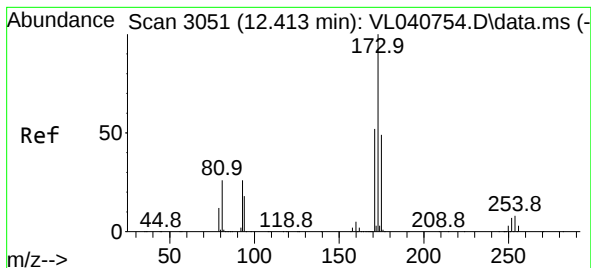
Tgt Ion:129 Resp: 1518977

Ion Ratio Lower Upper

129 100

127 78.5 39.1 117.3





#49

Bromoform

Concen: 11.818 ppbv

RT: 12.387 min Scan# 3051

Delta R.T. -0.026 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 1224490

Ion Ratio Lower Upper

173 100

175 49.2 39.2 58.8

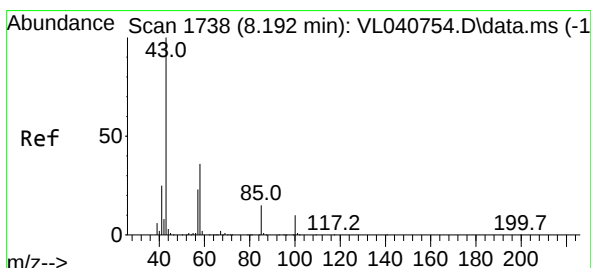
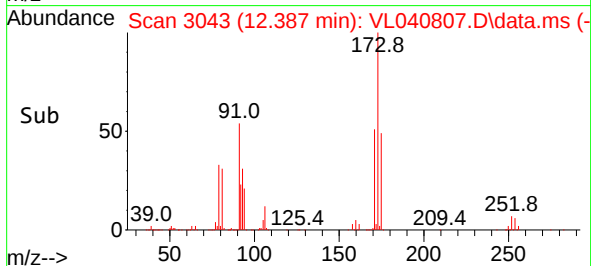
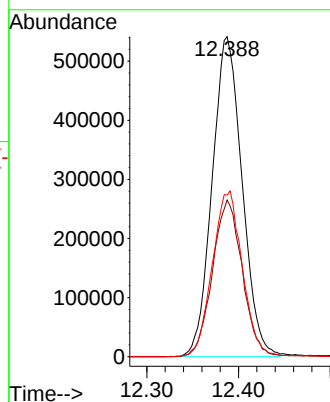
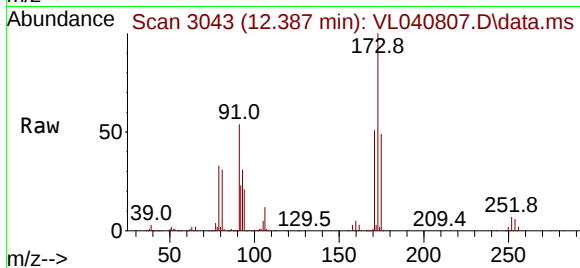
171 52.3 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#50

4-Methyl-2-Pentanone

Concen: 11.591 ppbv

RT: 8.169 min Scan# 1731

Delta R.T. -0.023 min

Lab File: VL040807.D

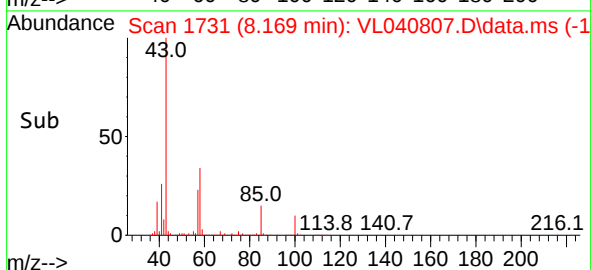
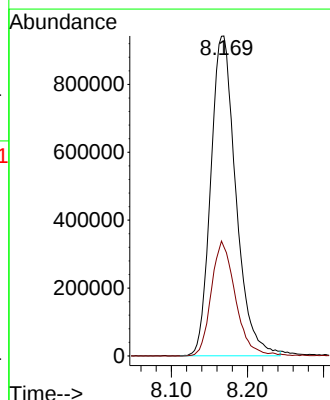
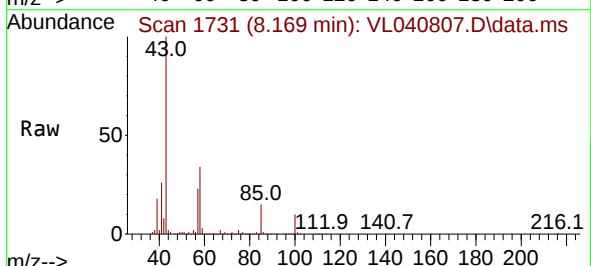
Acq: 25 Oct 2023 19:29

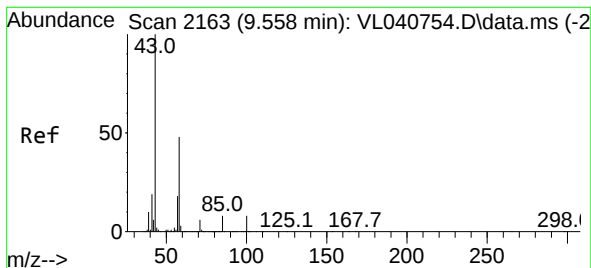
Tgt Ion: 43 Resp: 2162669

Ion Ratio Lower Upper

43 100

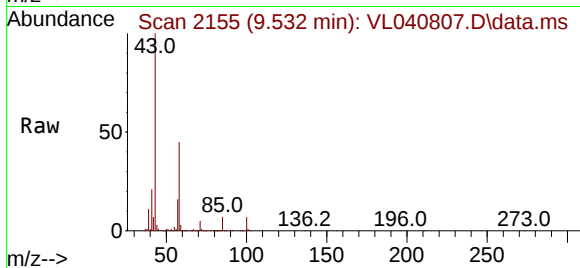
58 34.7 28.8 43.2





#51
2-Hexanone
Concen: 11.541 ppbv
RT: 9.532 min Scan# 2163
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

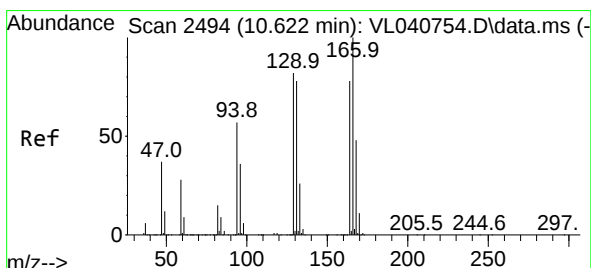
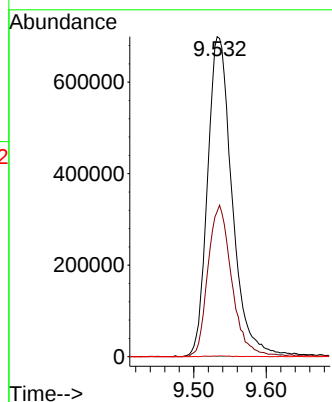
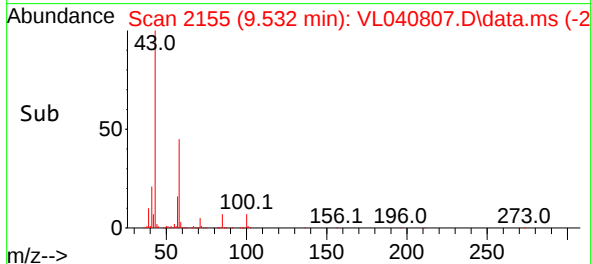
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 163888
Ion Ratio Lower Upper
43 100
58 46.6 38.6 58.0
98 0.2 0.0 0.0

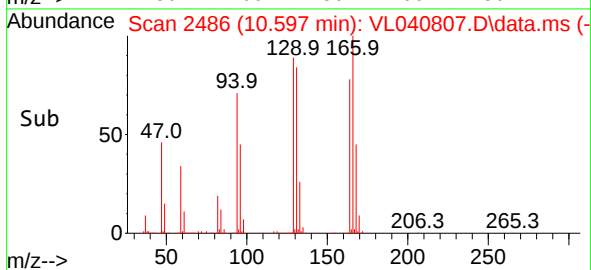
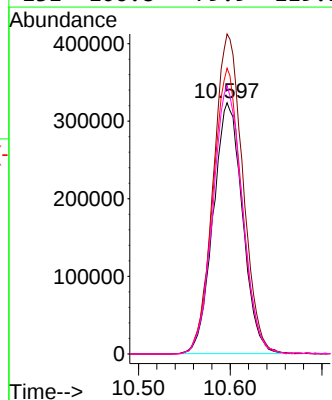
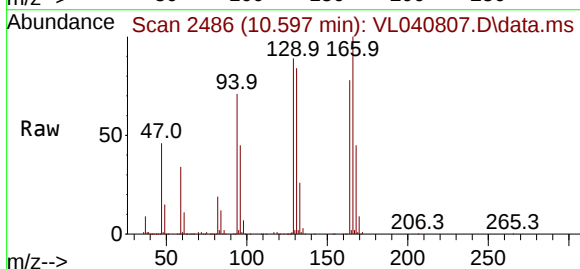
Manual Integrations
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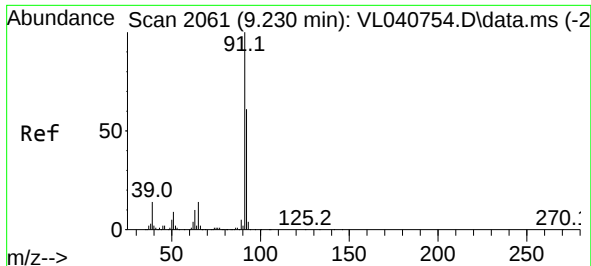
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Tetrachloroethene
Concen: 9.523 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

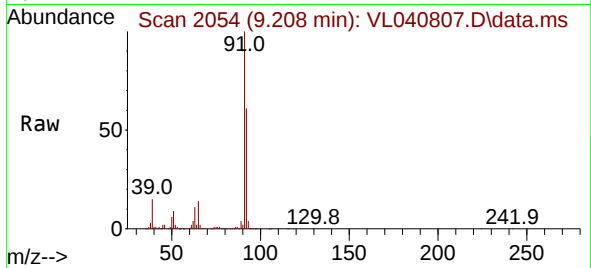
Tgt Ion:164 Resp: 716911
Ion Ratio Lower Upper
164 100
166 127.3 102.4 153.6
129 113.6 84.2 126.4
131 106.8 79.9 119.9





#53
Toluene
Concen: 10.702 ppbv
RT: 9.208 min Scan# 2061
Delta R.T. -0.023 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

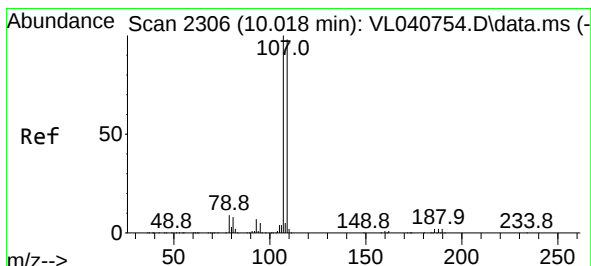
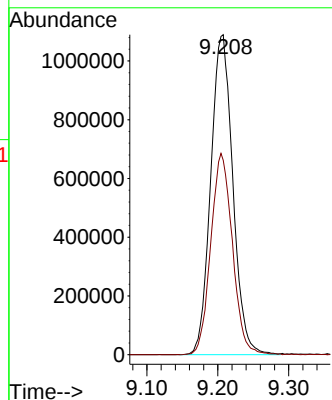
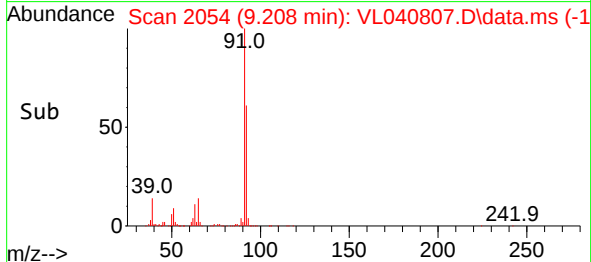
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



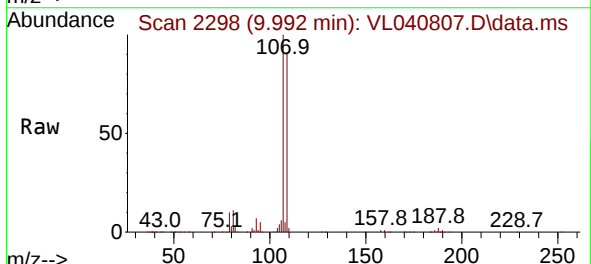
Tgt Ion: 91 Resp: 236070
Ion Ratio Lower Upper
91 100
92 61.6 50.2 75.2

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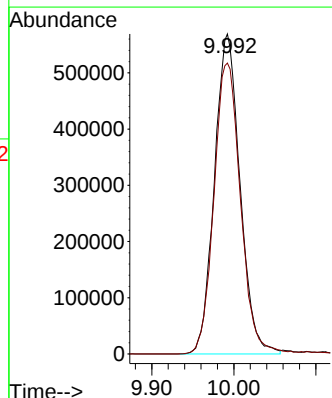
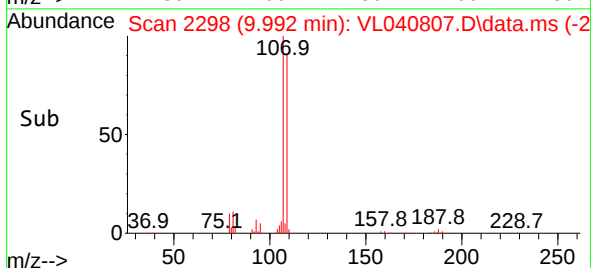
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

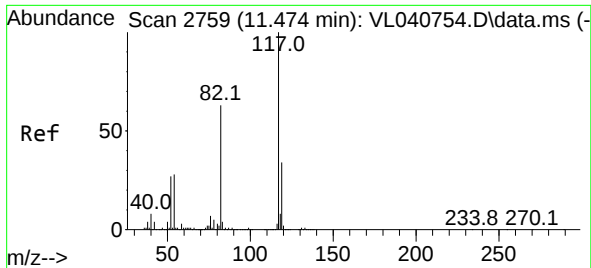


#54
1,2-Dibromoethane
Concen: 11.580 ppbv
RT: 9.992 min Scan# 2298
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



Tgt Ion:107 Resp: 1234715
Ion Ratio Lower Upper
107 100
109 90.9 78.2 117.2





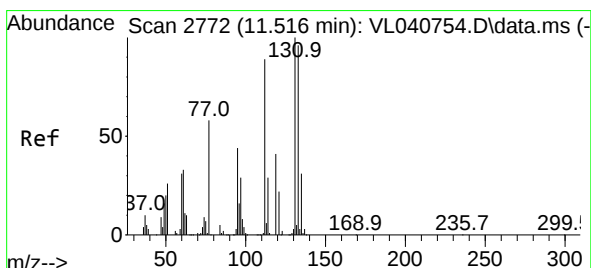
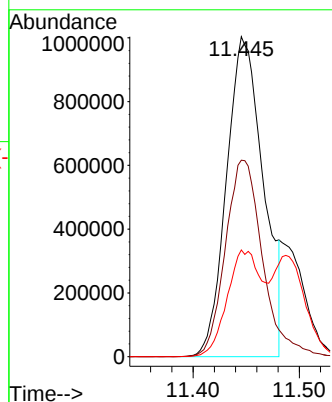
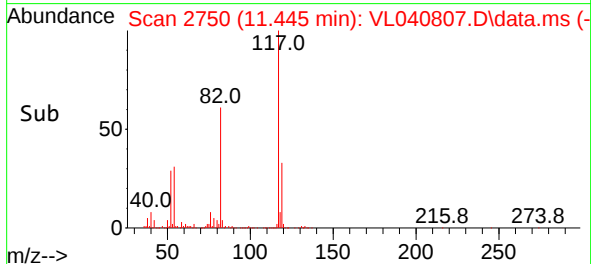
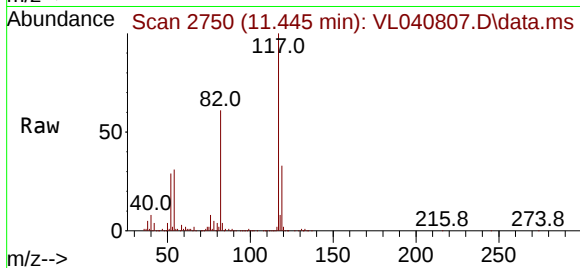
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.445 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 242191
Ion Ratio Lower Upper
117 100
82 62.6 46.6 70.0
119 30.2 26.0 39.0

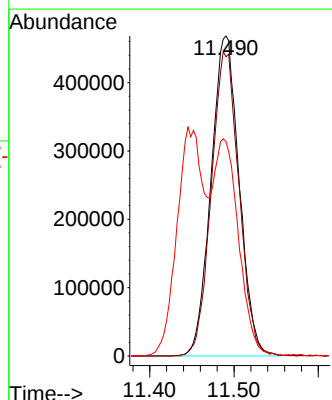
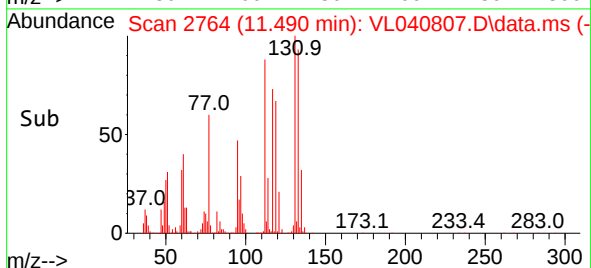
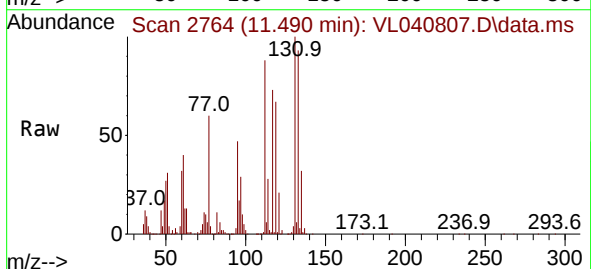
Manual Integrations
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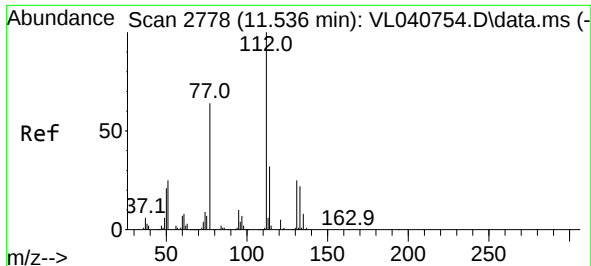
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.987 ppbv
RT: 11.490 min Scan# 2764
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

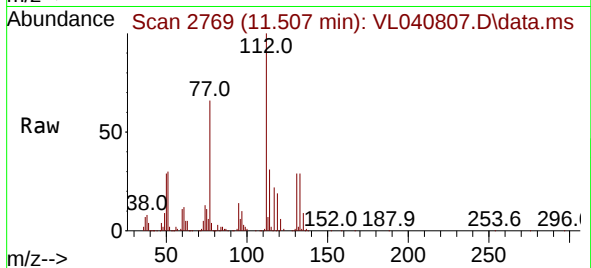
Tgt Ion:131 Resp: 1086008
Ion Ratio Lower Upper
131 100
133 93.8 75.0 112.6
119 59.5 45.4 68.0





#57
Chlorobenzene
Concen: 10.454 ppbv
RT: 11.507 min Scan# 2112
Delta R.T. -0.029 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

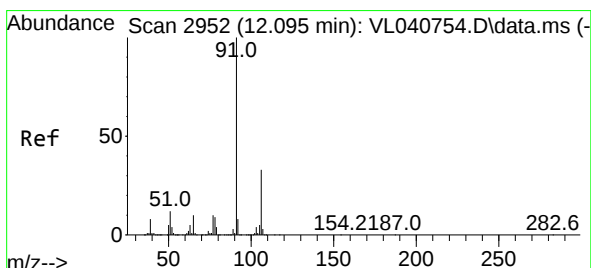
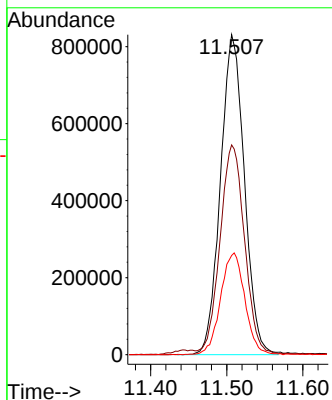
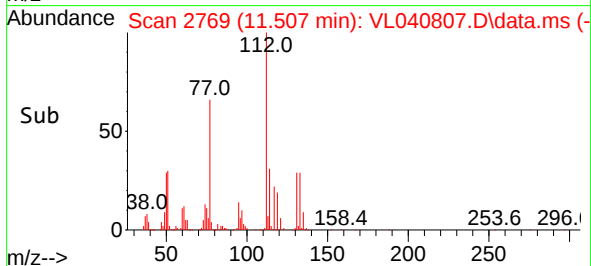
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 1814129
Ion Ratio Lower Upper
112 100
77 65.0 51.9 77.9
114 30.9 28.6 35.0

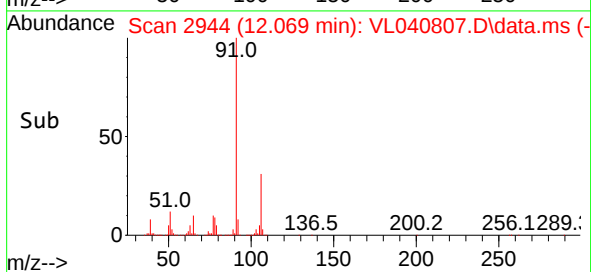
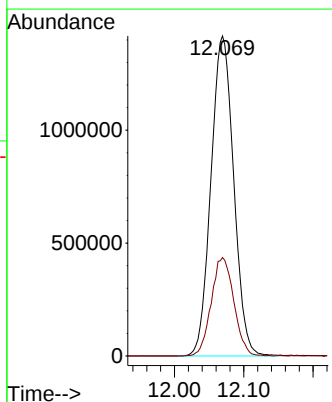
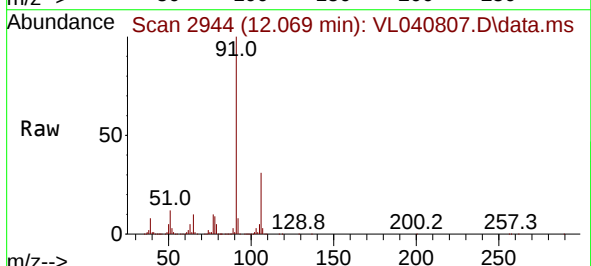
Manual Integrations
APPROVED

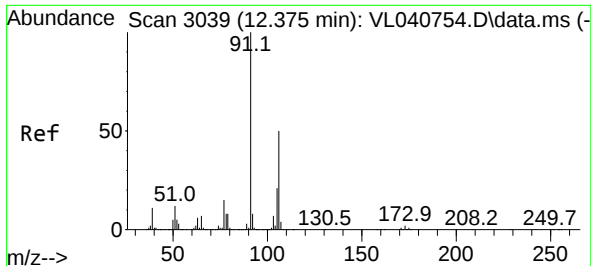
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#58
Ethyl Benzene
Concen: 10.592 ppbv
RT: 12.069 min Scan# 2944
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Tgt Ion: 91 Resp: 3229863
Ion Ratio Lower Upper
91 100
106 30.7 26.7 40.1





#59

m/p-Xylene

Concen: 21.679 ppbv m

RT: 12.352 min Scan# 3032

Delta R.T. -0.023 min

Lab File: VL040807.D

Acq: 25 Oct 2023 19:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 544083

Ion Ratio Lower Upper

91 100

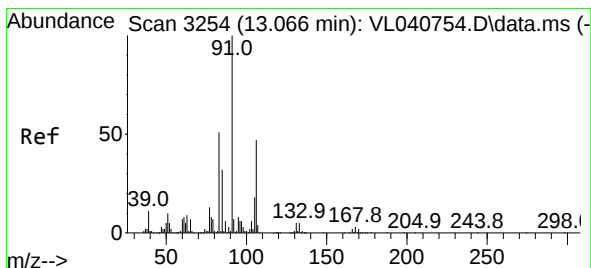
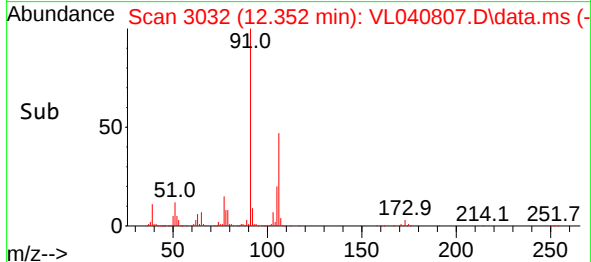
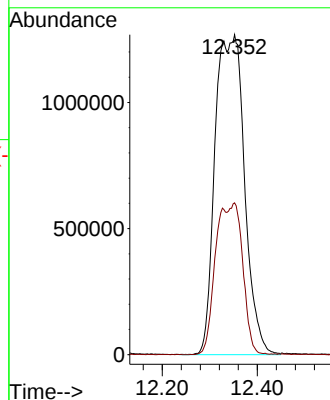
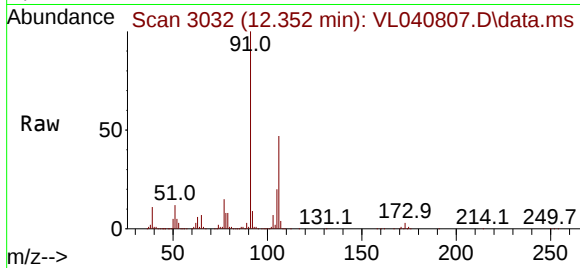
106 43.7 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#60

o-Xylene

Concen: 10.742 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.026 min

Lab File: VL040807.D

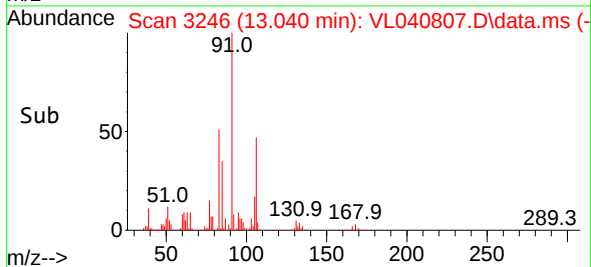
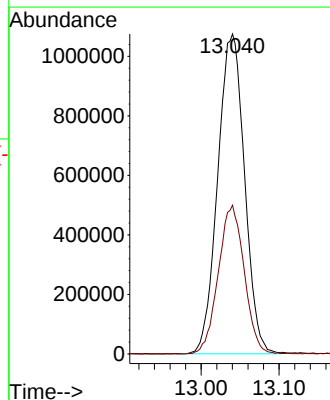
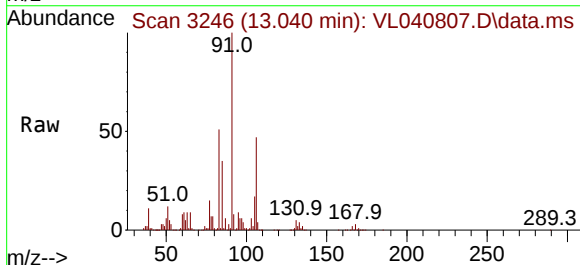
Acq: 25 Oct 2023 19:29

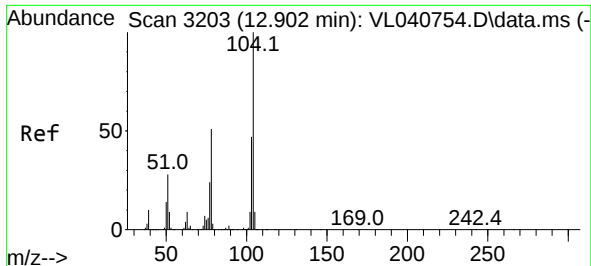
Tgt Ion: 91 Resp: 2568886

Ion Ratio Lower Upper

91 100

106 45.0 23.5 70.5





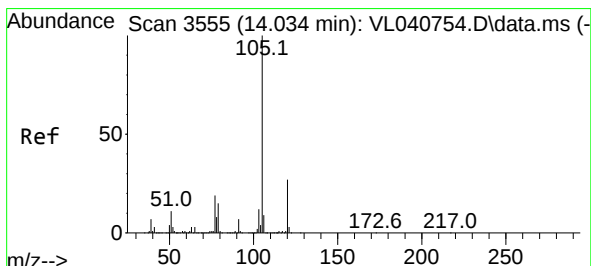
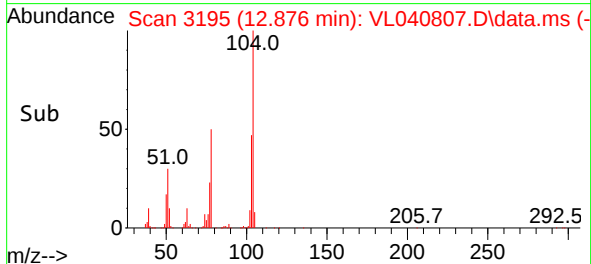
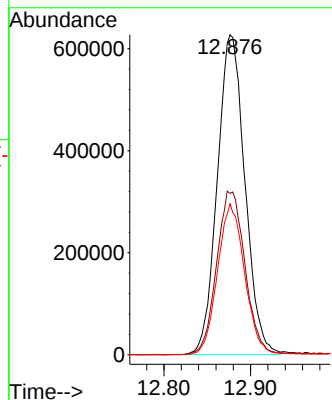
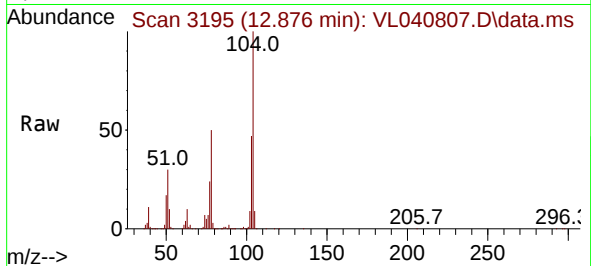
#61
Styrene
Concen: 10.498 ppbv
RT: 12.876 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1390969
Ion Ratio Lower Upper
104 100
78 52.9 39.8 59.6
103 46.4 37.5 56.3

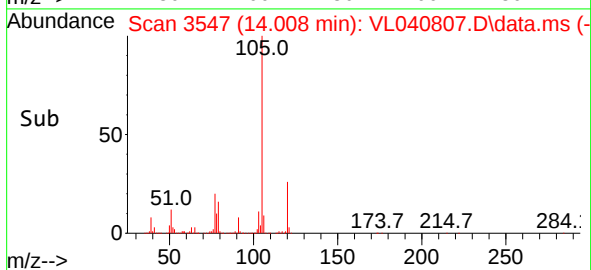
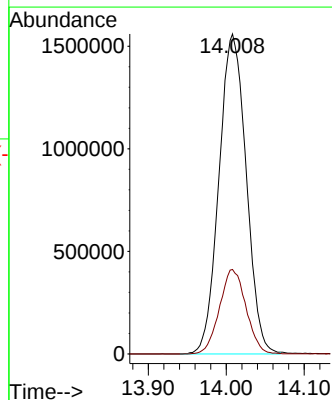
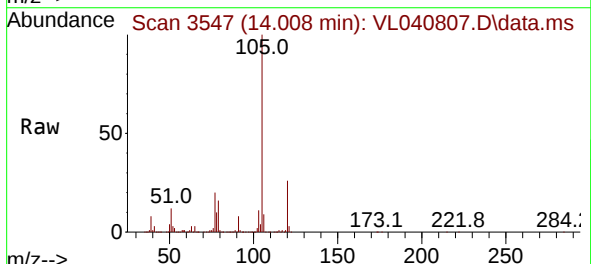
Manual Integrations
APPROVED

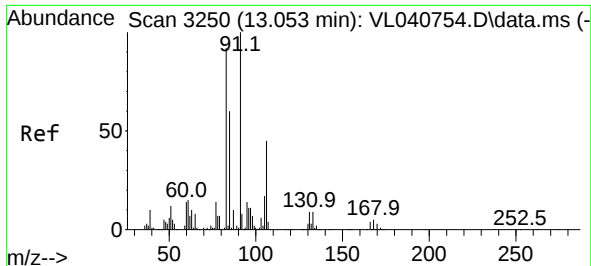
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#62
Isopropylbenzene
Concen: 10.285 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

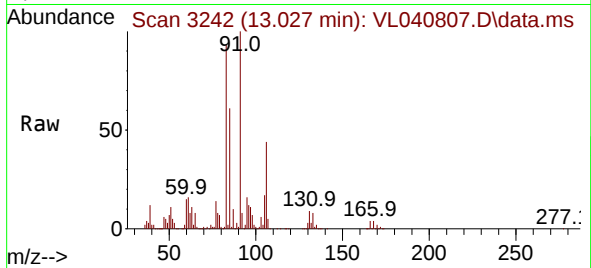
Tgt Ion:105 Resp: 3783674
Ion Ratio Lower Upper
105 100
120 25.8 21.5 32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 10.278 ppbv
RT: 13.027 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

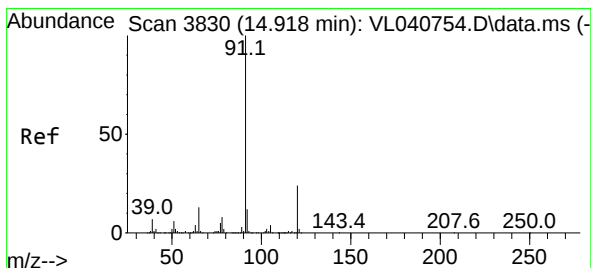
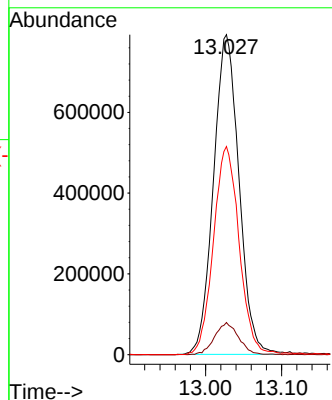
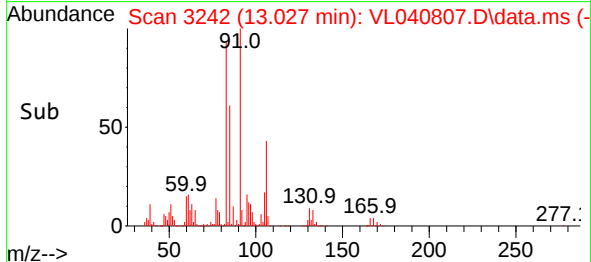
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



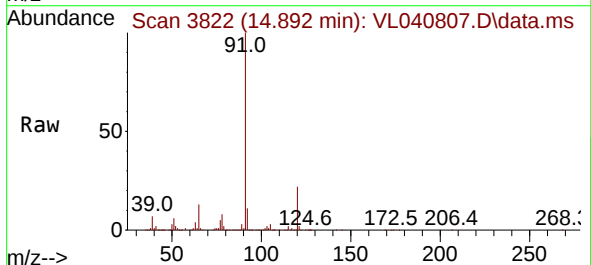
Tgt Ion: 83 Resp: 184275
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 66.0 32.9 98.7

Manual Integrations
APPROVED

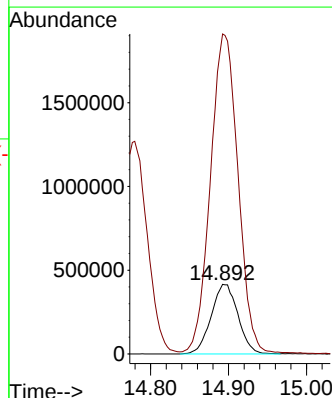
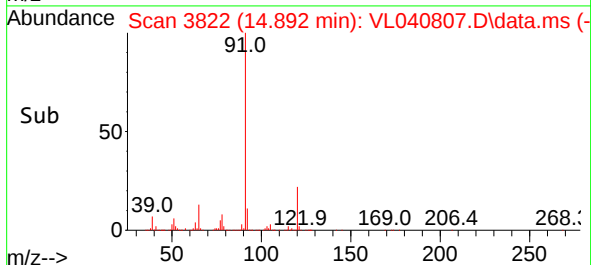
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

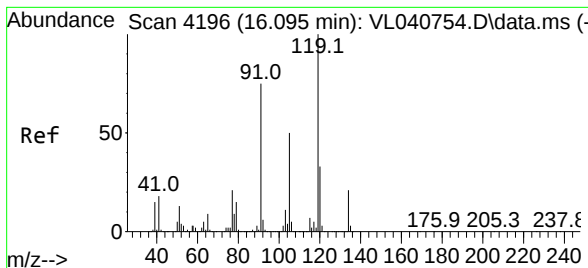


#64
n-propylbenzene
Concen: 10.037 ppbv
RT: 14.892 min Scan# 3822
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



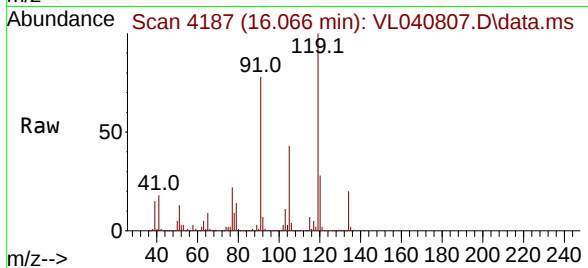
Tgt Ion:120 Resp: 991928
Ion Ratio Lower Upper
120 100
91 476.1 345.9 518.9





#65
tert-Butylbenzene
Concen: 10.019 ppbv
RT: 16.066 min Scan# 4196
Delta R.T. -0.029 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

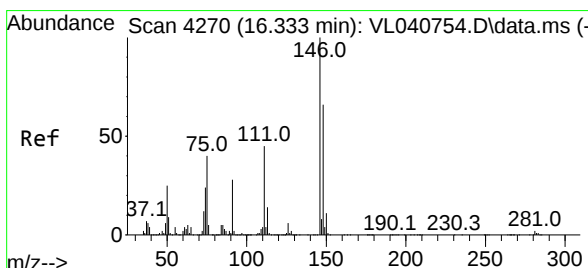
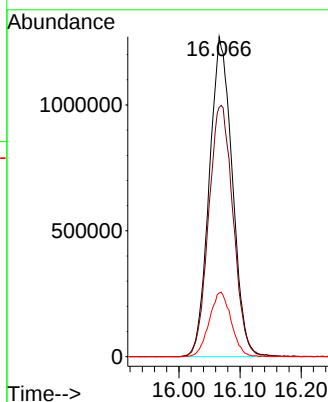
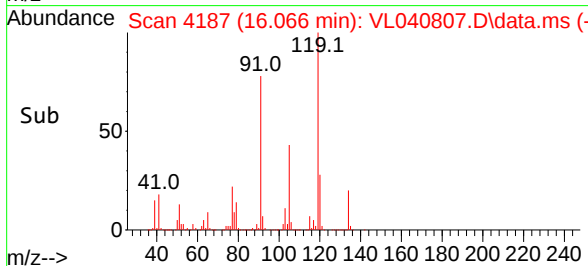
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



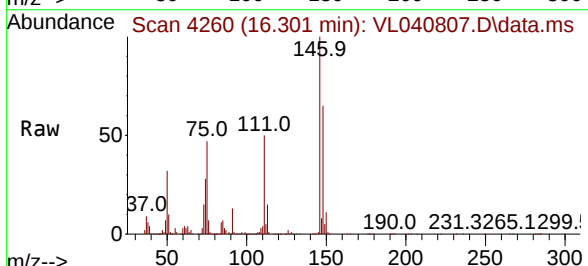
Tgt Ion: 119 Resp: 332428
Ion Ratio Lower Upper
119 100
91 83.2 62.2 93.2
134 19.3 16.1 24.1

Manual Integrations
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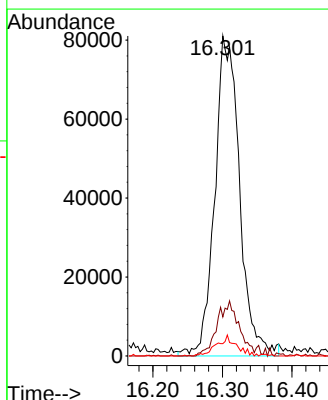
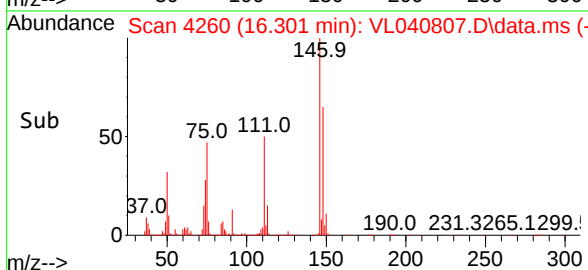
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

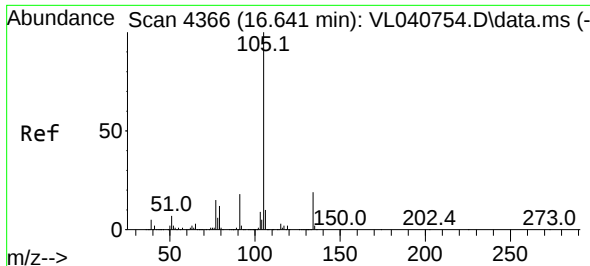


#66
Benzyl Chloride
Concen: 6.002 ppbv m
RT: 16.301 min Scan# 4260
Delta R.T. -0.032 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



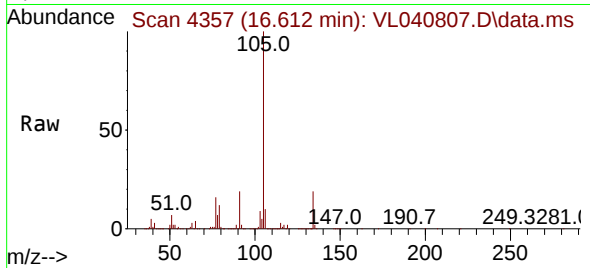
Tgt Ion: 91 Resp: 200650
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 0.0 5.2 7.8#





#67
 sec-Butylbenzene
 Concen: 10.296 ppbv
 RT: 16.612 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

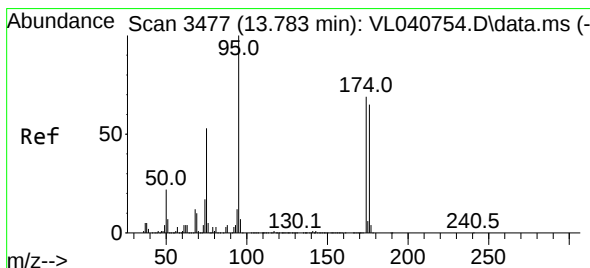
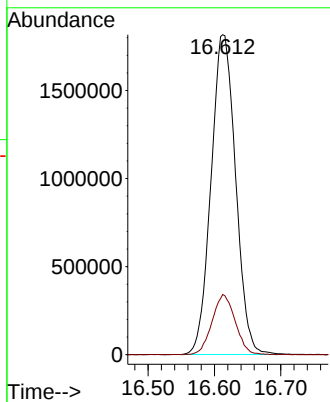
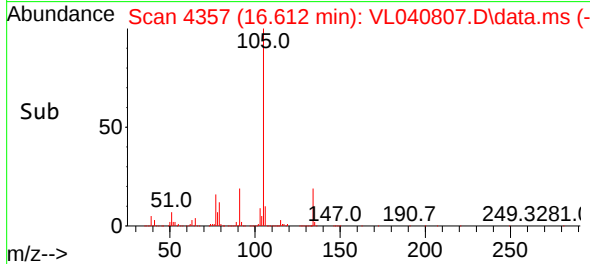
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 467726
 Ion Ratio Lower Upper
 105 100
 134 17.8 15.4 23.2

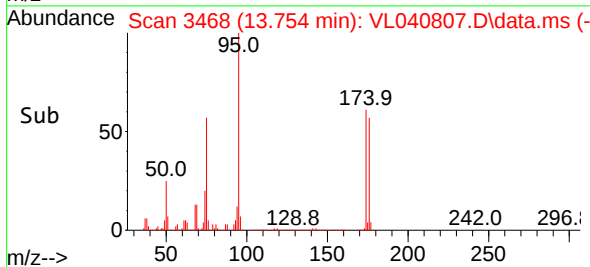
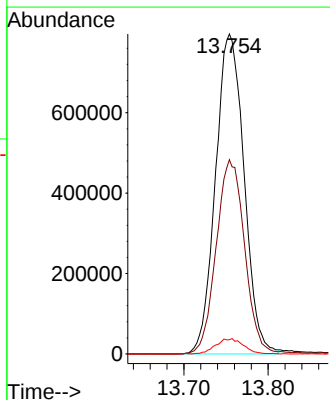
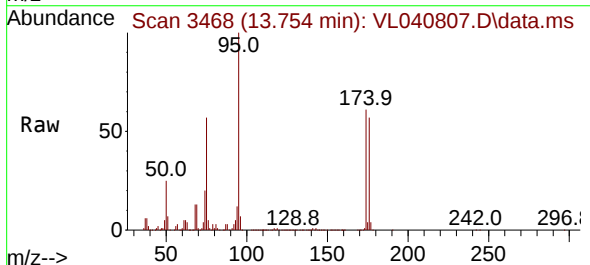
Manual Integrations
 APPROVED

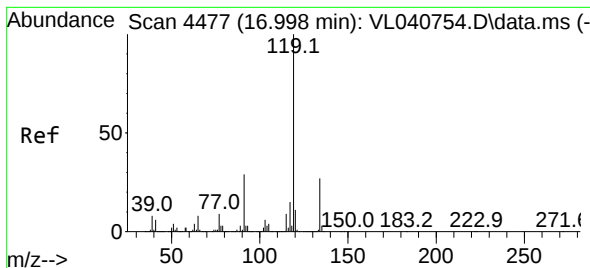
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.495 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.029 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

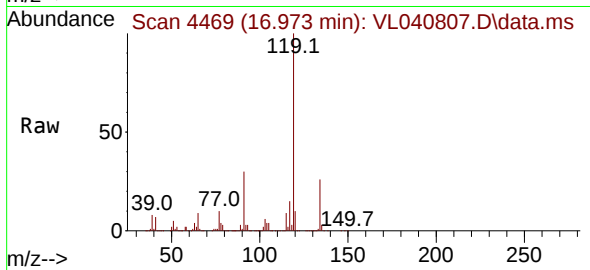
Tgt Ion: 95 Resp: 1870369
 Ion Ratio Lower Upper
 95 100
 174 60.7 54.7 82.1
 175 4.7 4.2 6.4





#69
p-Isopropyltoluene
Concen: 10.086 ppbv
RT: 16.973 min Scan# 4477
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

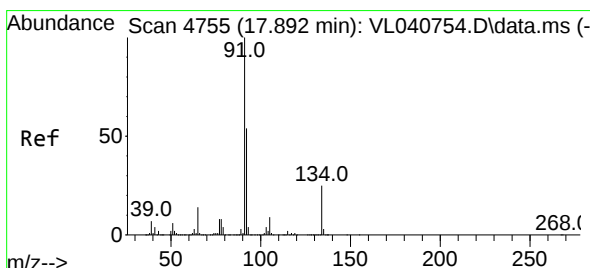
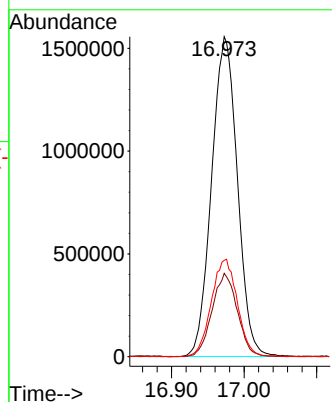
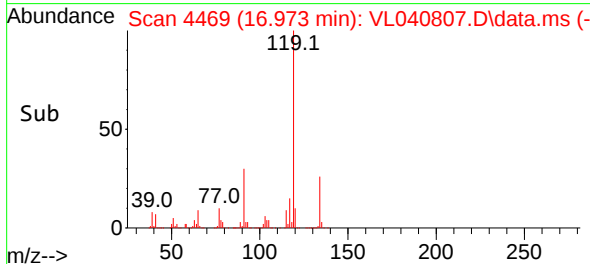
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



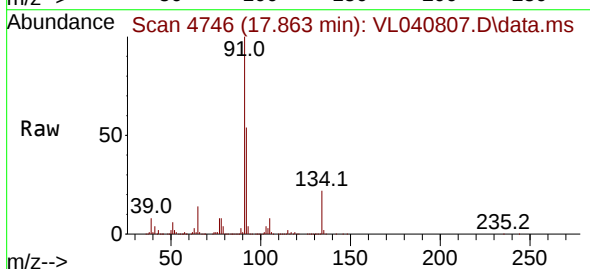
Tgt Ion:119 Resp: 383964
Ion Ratio Lower Upper
119 100
134 25.6 21.0 31.4
91 30.8 22.8 34.2

Manual Integrations
APPROVED

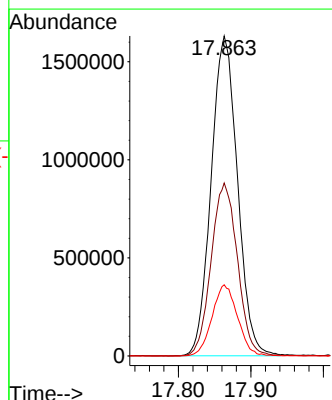
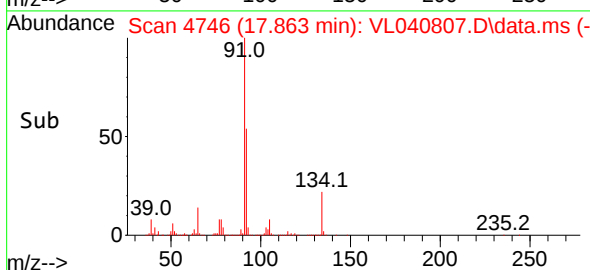
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

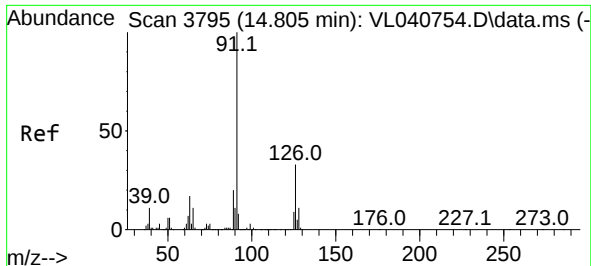


#70
n-Butylbenzene
Concen: 10.998 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. -0.029 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



Tgt Ion: 91 Resp: 4110959
Ion Ratio Lower Upper
91 100
92 54.1 44.1 66.1
134 21.6 19.5 29.3





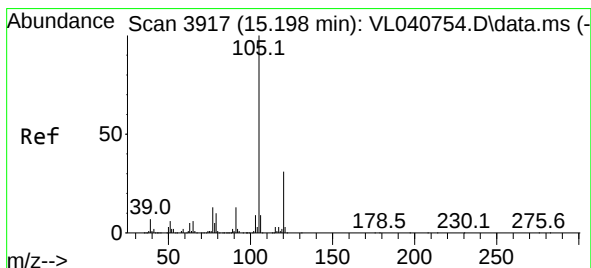
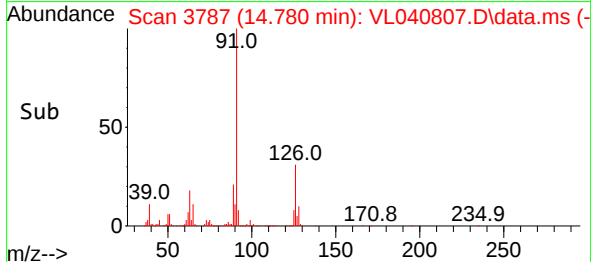
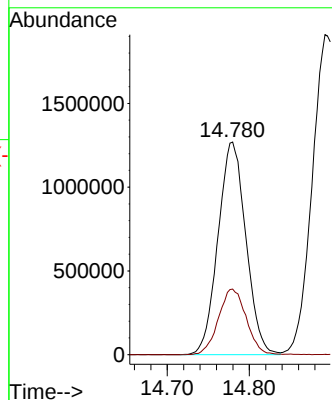
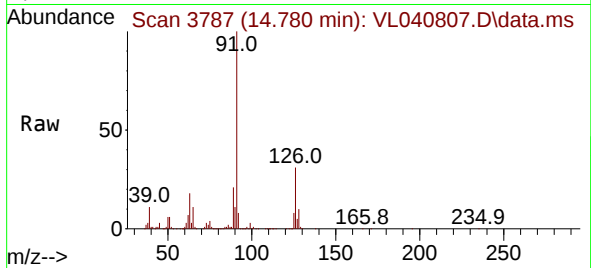
#71
2-Chlorotoluene
Concen: 10.850 ppbv
RT: 14.780 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2998469
Ion Ratio Lower Upper
91 100
126 30.8 13.3 53.1

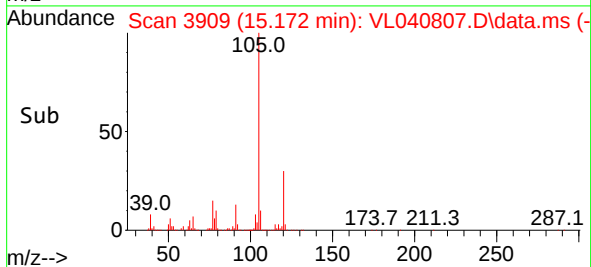
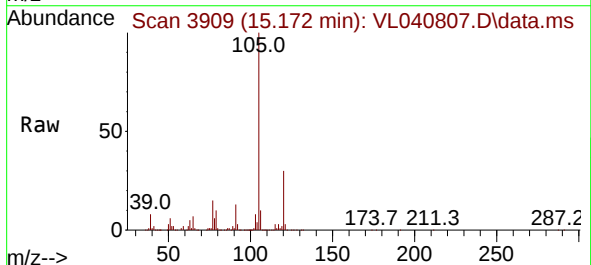
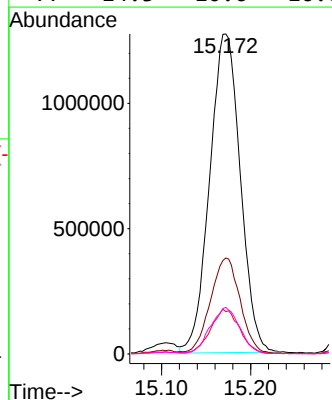
Manual Integrations
APPROVED

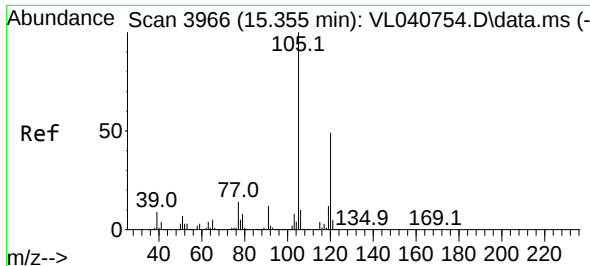
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#72
4-Ethyltoluene
Concen: 10.860 ppbv
RT: 15.172 min Scan# 3909
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

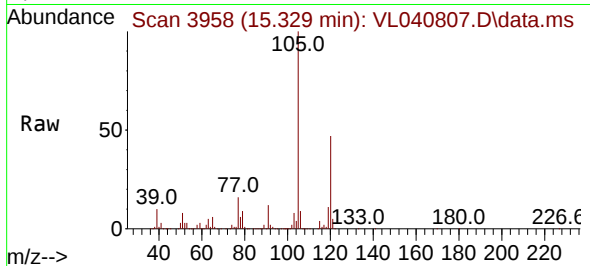
Tgt Ion:105 Resp: 3041257
Ion Ratio Lower Upper
105 100
120 29.5 25.0 37.4
91 13.3 9.8 14.8
77 14.3 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 10.616 ppbv
RT: 15.329 min Scan# 3966
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

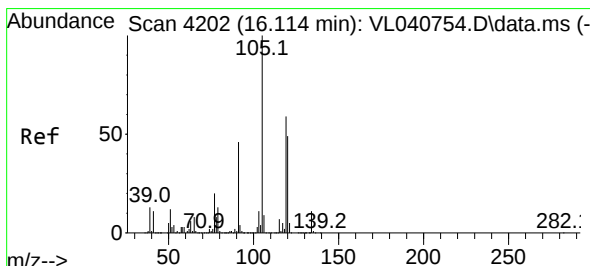
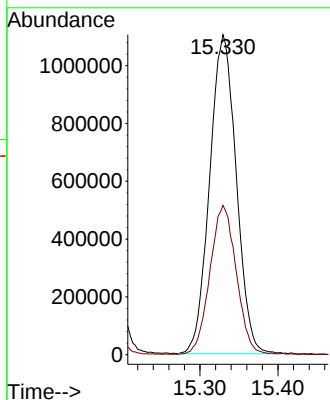
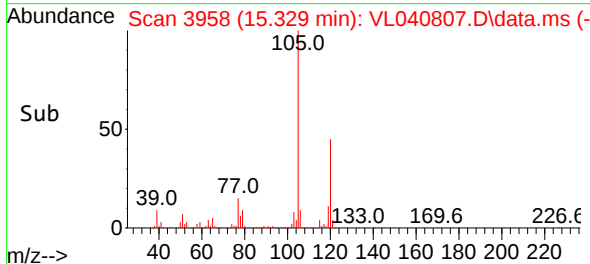
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



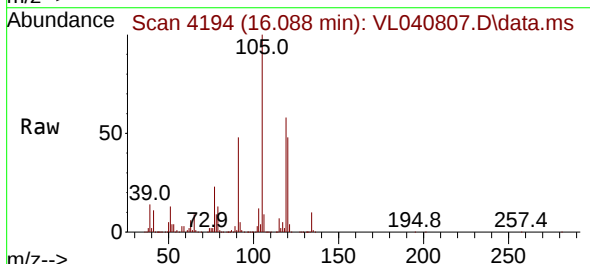
Tgt Ion:105 Resp: 2617289
Ion Ratio Lower Upper
105 100
120 46.7 39.4 59.2

Manual Integrations
APPROVED

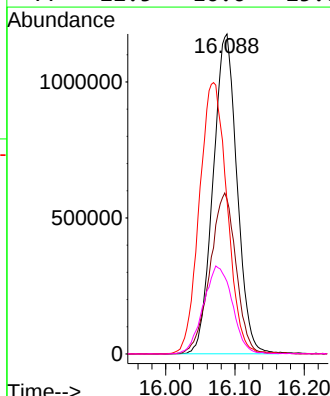
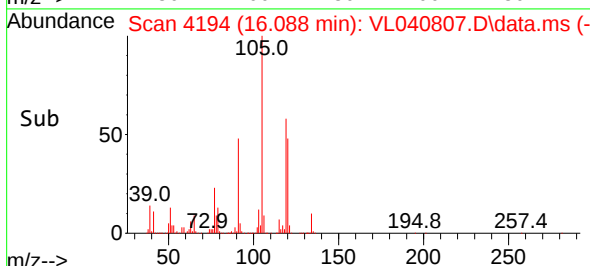
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

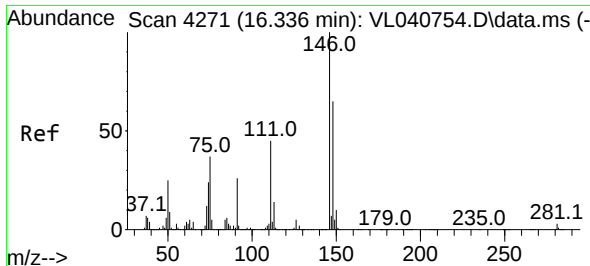


#74
1,2,4-Trimethylbenzene
Concen: 10.482 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



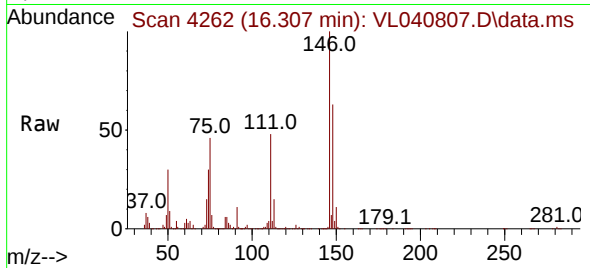
Tgt Ion:105 Resp: 2823715
Ion Ratio Lower Upper
105 100
120 48.1 39.4 59.2
91 47.8 38.6 58.0
77 22.5 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 10.025 ppbv
RT: 16.307 min Scan# 41
Delta R.T. -0.029 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

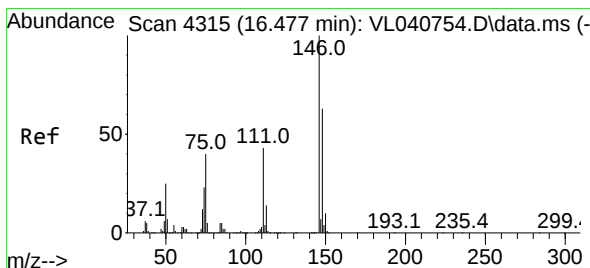
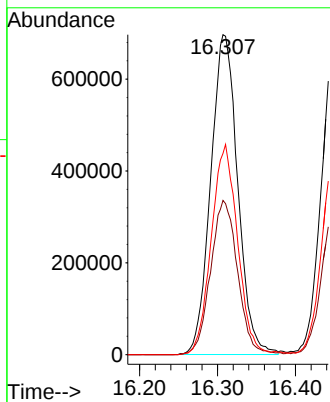
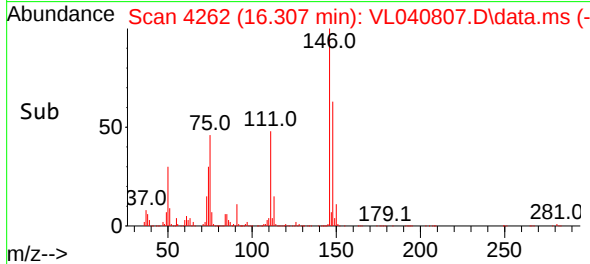
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



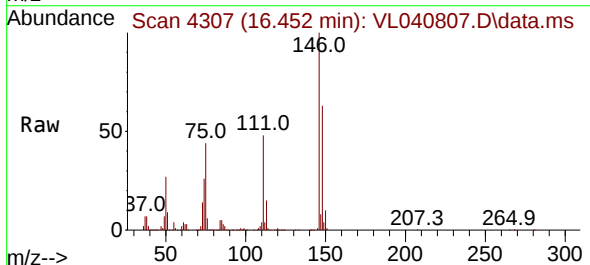
Tgt Ion:146 Resp: 1679604
Ion Ratio Lower Upper
146 100
111 48.3 22.6 67.7
148 64.3 32.4 97.0

Manual Integrations
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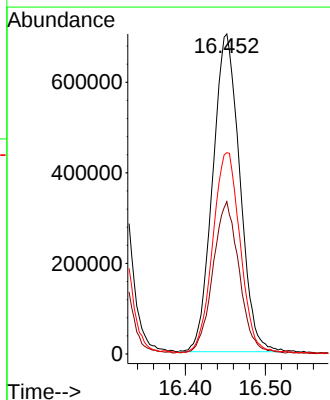
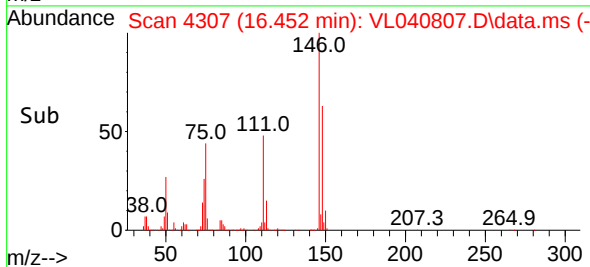
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

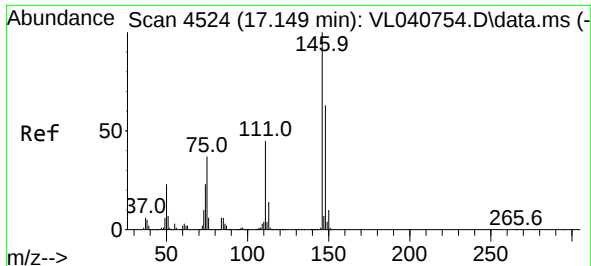


#76
1,4-Dichlorobenzene
Concen: 9.951 ppbv
RT: 16.452 min Scan# 4307
Delta R.T. -0.026 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



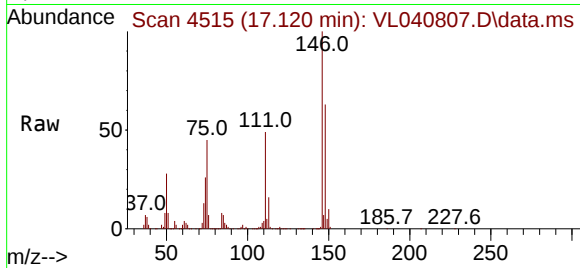
Tgt Ion:146 Resp: 1651036
Ion Ratio Lower Upper
146 100
111 47.1 22.0 66.0
148 65.0 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 9.805 ppbv
RT: 17.120 min Scan# 411
Delta R.T. -0.029 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

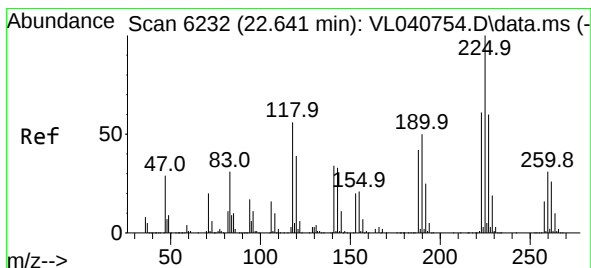
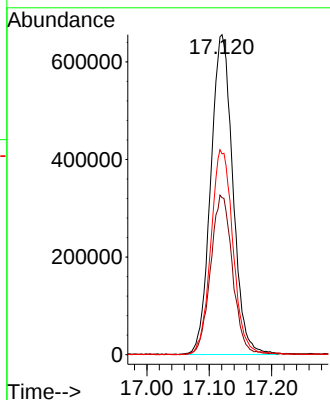
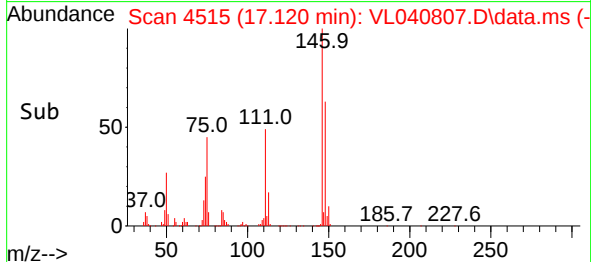
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



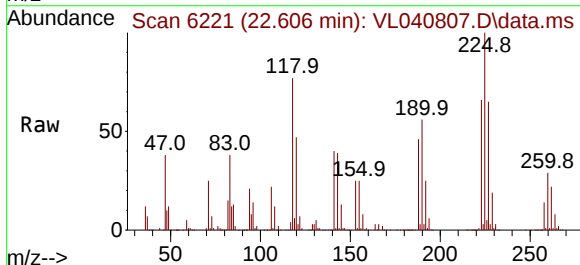
Tgt Ion:146 Resp: 1611814
Ion Ratio Lower Upper
146 100
111 49.7 22.9 68.8
148 64.6 32.3 96.8

Manual Integrations
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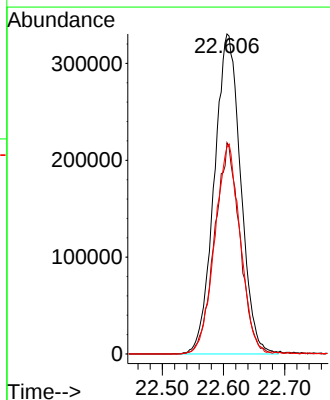
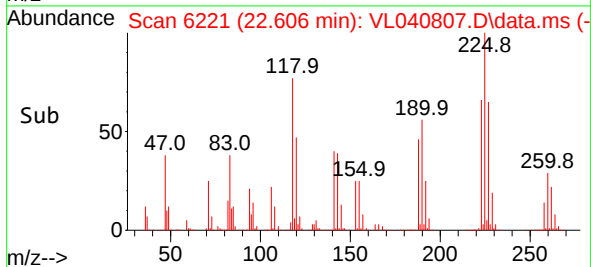
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

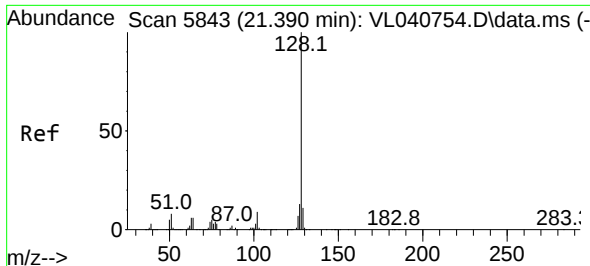


#78
Hexachloro-1,3-Butadiene
Concen: 8.432 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.035 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29



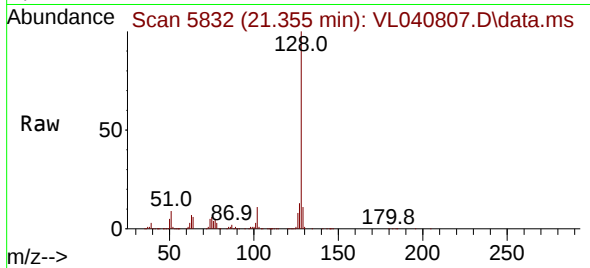
Tgt Ion:225 Resp: 991818
Ion Ratio Lower Upper
225 100
223 63.7 50.7 76.1
227 63.8 51.4 77.0





#79
Naphthalene
Concen: 11.113 ppbv
RT: 21.355 min Scan# 5832
Delta R.T. -0.035 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

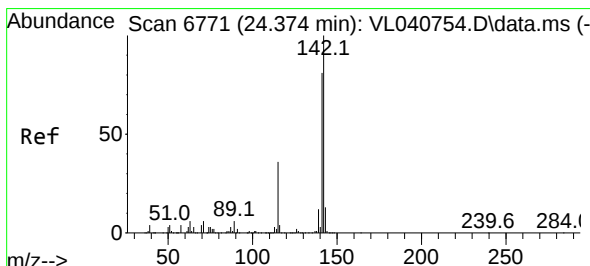
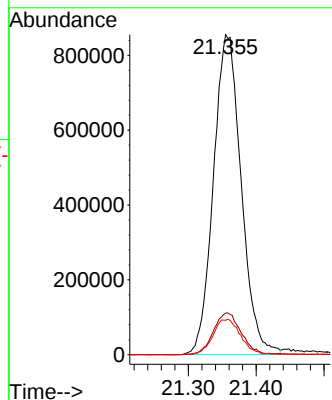
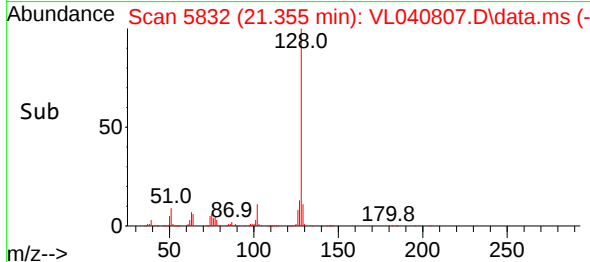
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 2433490
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 9.0 13.4

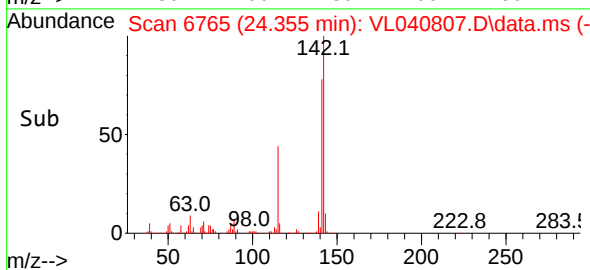
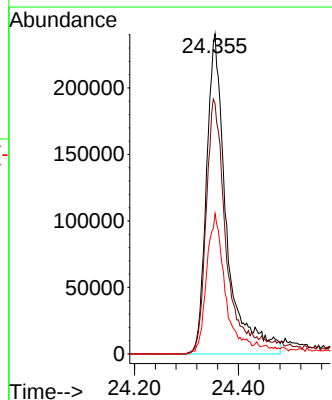
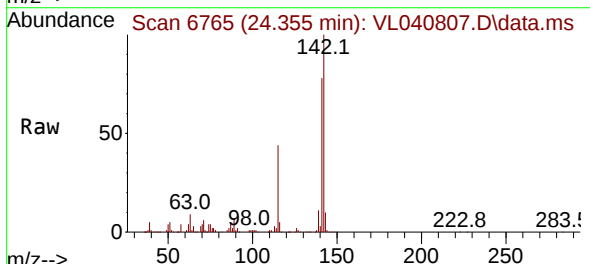
Manual Integrations
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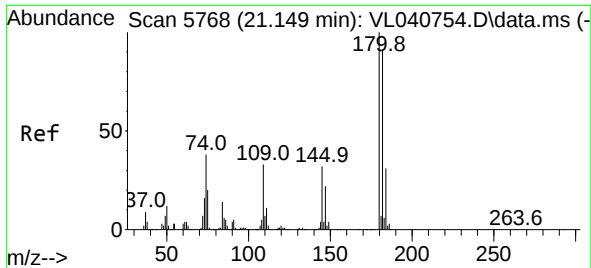
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#80
Naphthalene,2-methyl-
Concen: 10.459 ppbv
RT: 24.355 min Scan# 6765
Delta R.T. -0.019 min
Lab File: VL040807.D
Acq: 25 Oct 2023 19:29

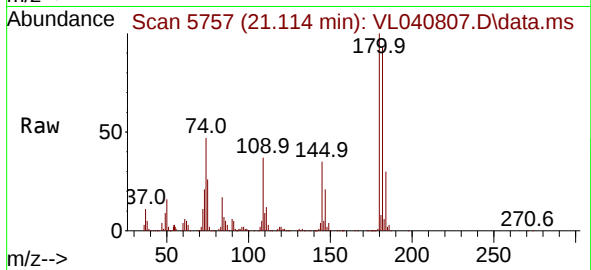
Tgt Ion:142 Resp: 642686
Ion Ratio Lower Upper
142 100
141 86.1 66.3 99.5
115 45.9 30.0 45.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 10.425 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. -0.035 min
 Lab File: VL040807.D
 Acq: 25 Oct 2023 19:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1239310
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.9 116.9
 184 30.6 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

