

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040684.D
 Acq On : 14 Sep 2023 14:27
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Sep 14 14:59:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Sep 14 14:45:17 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023
 Supervised By : Mahesh Dadoda 09/15/2023

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

Internal Standards						
1) Bromochloromethane	5.185	49	1261696	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3340089	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	2996221	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2256257	9.469	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.723	85	605391	2.228	ppbv	98
3) Chlorodifluoromethane	2.668	51	440189	2.125	ppbv	97
4) Chloromethane	2.806	50	177770	2.200	ppbv	98
5) Vinyl Chloride	2.912	62	186457	2.173	ppbv	92
6) Bromomethane	3.112	94	95661	2.127	ppbv	95
7) Chloroethane	3.189	64	73534	2.350	ppbv	95
8) Dichlorotetrafluoroethane	2.851	85	485611	2.208	ppbv	99
9) Propene	2.687	41	126393	1.969	ppbv	96
10) Heptane	7.571	43	287285	1.944	ppbv	96
11) Trichlorofluoromethane	3.555	101	494005	2.252	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	362768	2.228	ppbv	97
13) Ethanol	3.234	45	44296	2.473	ppbv	91
14) Bromoethene	3.359	108	152491	2.306	ppbv	97
15) Acetone	3.462	43	355557	2.304	ppbv	96
16) 1,3-Butadiene	2.977	39	162558	2.118	ppbv	93
17) tert-Butyl alcohol	3.874	59	362192	2.213	ppbv	99
18) 1,1-Dichloroethene	3.870	96	162073	2.196	ppbv	96
19) Isopropyl Alcohol	3.571	45	215152	2.199	ppbv #	95
20) Methylene Chloride	3.925	84	198110	2.627	ppbv	95
21) Allyl Chloride	3.989	41	211114	2.068	ppbv	97
22) trans-1,2-Dichloroethene	4.440	96	161292	2.226	ppbv	98
23) Vinyl Acetate	4.616	43	361493	2.056	ppbv	97
24) 1,1-Dichloroethane	4.555	63	337111	2.242	ppbv	98
25) Ethyl Acetate	5.198	43	600672	2.073	ppbv	99
26) Hexane	5.205	57	299355	2.135	ppbv	90
27) Carbon Disulfide	4.118	76	380236	2.278	ppbv	97
28) Methyl tert-Butyl Ether	4.581	73	233720	2.156	ppbv	98
29) Chloroform	5.266	83	458834	2.067	ppbv	100
30) Cyclohexane	6.594	84	202089	1.883	ppbv	95
31) cis-1,2-Dichloroethene	5.070	61	249275	1.970	ppbv	88
32) 1,1,1-Trichloroethane	5.996	97	458578	2.158	ppbv	99
34) 2-Butanone	4.780	43	343102	2.037	ppbv	98
35) Carbon Tetrachloride	6.484	117	476550	2.280	ppbv	98
36) Benzene	6.362	78	532414	2.004	ppbv	95
37) 1,2-Dichloroethane	5.796	62	341315	2.130	ppbv	98
38) Trichloroethene	7.285	130	205019	1.993	ppbv	94
39) 1,2-Dichloropropane	7.063	63	197032	1.949	ppbv	98
40) 1,4-Dioxane	7.288	88	75431	1.969	ppbv #	88
41) Tetrahydrofuran	5.555	42	185969	1.953	ppbv	98
42) Bromodichloromethane	7.240	83	475995	2.134	ppbv	95
43) Methyl Methacrylate	7.468	69	190325	1.913	ppbv	95
44) 2,2,4-Trimethylpentane	7.317	57	867248	2.019	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	130463	1.642	ppbv	90

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023
 Supervised By : Mahesh Dadoda 09/15/2023

Quant Time: Sep 14 14:59:50 2023

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

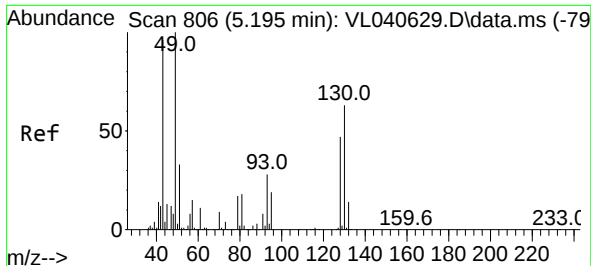
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Sep 14 14:45:17 2023

Response via : Initial Calibration

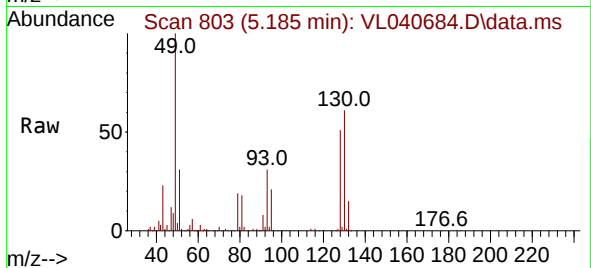
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	180786	1.865	ppbv	95
47) 1,1,2-Trichloroethane	8.893	97	224125	1.963	ppbv	96
48) Dibromochloromethane	9.703	129	381949	2.137	ppbv	99
49) Bromoform	12.397	173	306588	2.141	ppbv	98
50) 4-Methyl-2-Pentanone	8.182	43	485239	1.972	ppbv	97
51) 2-Hexanone	9.549	43	331765	1.914	ppbv #	99
52) Tetrachloroethene	10.610	164	172939	2.078	ppbv	95
53) Toluene	9.214	91	561524	1.989	ppbv	99
54) 1,2-Dibromoethane	10.002	107	297358	2.045	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.497	131	300179m	2.165	ppbv	
57) Chlorobenzene	11.516	112	478729	2.070	ppbv	97
58) Ethyl Benzene	12.086	91	745405	2.063	ppbv	98
59) m/p-Xylene	12.365	91	1413705m	4.289	ppbv	
60) o-Xylene	13.050	91	679808	2.176	ppbv	100
61) Styrene	12.893	104	277666	2.029	ppbv	98
62) Isopropylbenzene	14.028	105	998828	2.113	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.040	83	524233	2.241	ppbv	99
64) n-propylbenzene	14.912	120	259764	2.174	ppbv	93
65) tert-Butylbenzene	16.085	119	923175	2.253	ppbv	99
66) Benzyl Chloride	16.320	91	99529m	1.932	ppbv	
67) sec-Butylbenzene	16.632	105	1317902	2.205	ppbv	99
69) p-Isopropyltoluene	16.992	119	1054794	2.255	ppbv	99
70) n-Butylbenzene	17.880	91	1156906	2.265	ppbv	99
71) 2-Chlorotoluene	14.796	91	757963	2.161	ppbv	99
72) 4-Ethyltoluene	15.188	105	768401	2.179	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	693408	2.200	ppbv	96
74) 1,2,4-Trimethylbenzene	16.105	105	813789	2.210	ppbv #	87
75) 1,3-Dichlorobenzene	16.330	146	461671	2.169	ppbv	98
76) 1,4-Dichlorobenzene	16.465	146	470447m	2.261	ppbv	
77) 1,2-Dichlorobenzene	17.137	146	445230	2.126	ppbv	98
78) Hexachloro-1,3-Butadiene	22.632	225	348710	2.195	ppbv	99
79) Naphthalene	21.387	128	600424	2.470	ppbv	98
80) Naphthalene,2-methyl-	24.378	142	97969	1.400	ppbv	92
81) 1,2,4-Trichlorobenzene	21.143	180	334738m	2.092	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

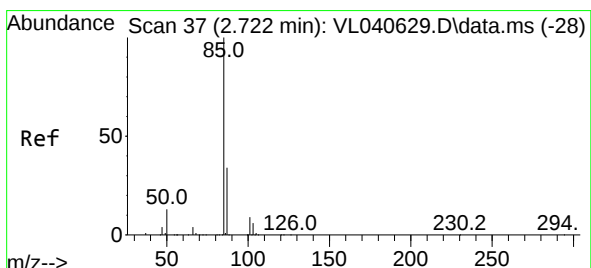
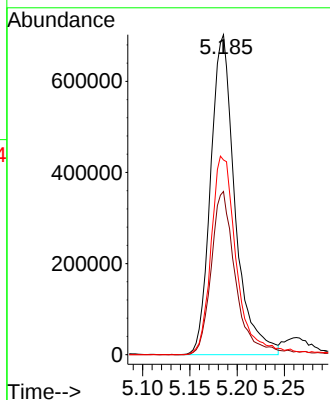
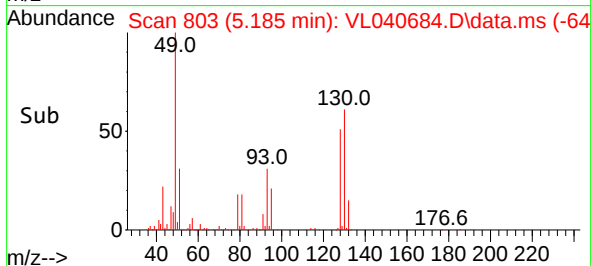
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 49 Resp: 1261690
Ion Ratio Lower Upper
49 100
128 52.1 25.4 76.0
130 66.5 32.3 96.8

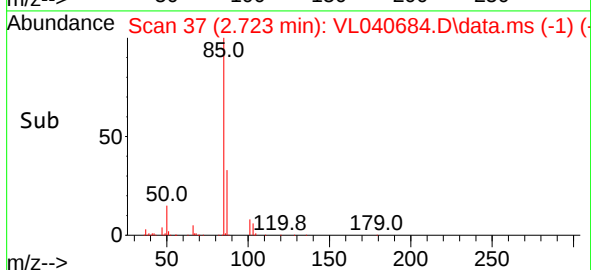
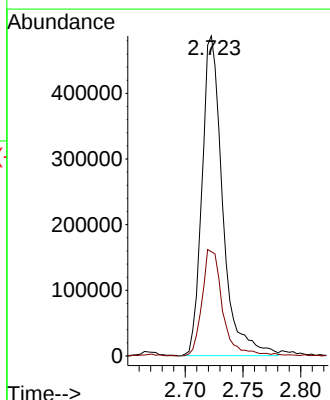
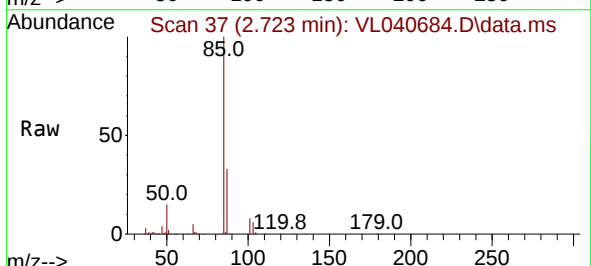
Manual Integrations
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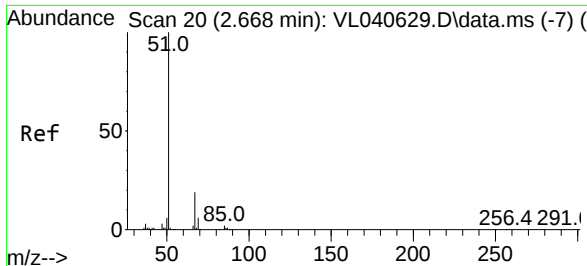
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#2
Dichlorodifluoromethane
Concen: 2.228 ppbv
RT: 2.723 min Scan# 37
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

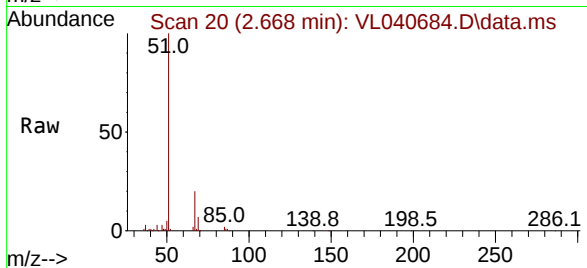
Tgt Ion: 85 Resp: 605391
Ion Ratio Lower Upper
85 100
87 32.7 27.2 40.8





#3
Chlorodifluoromethane
Concen: 2.125 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

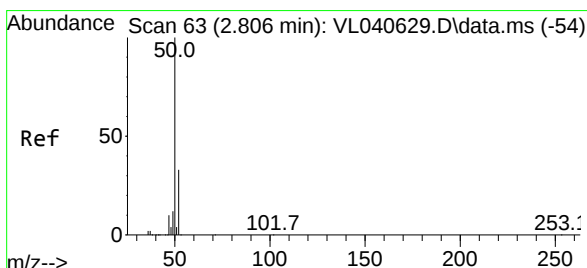
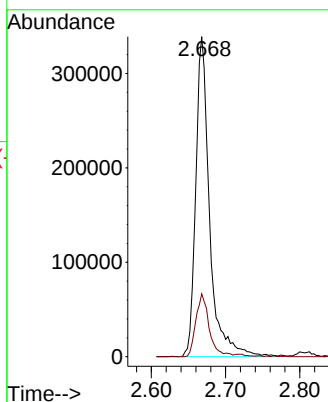
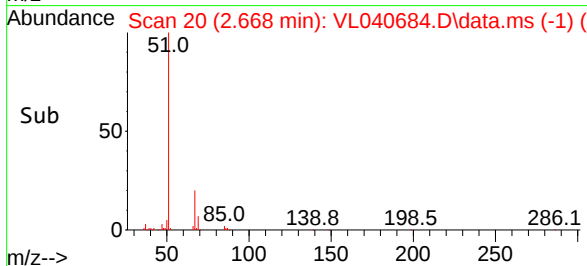
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



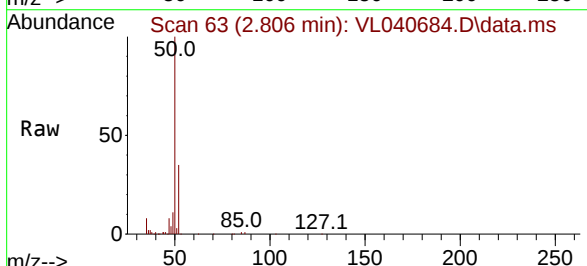
Tgt Ion: 51 Resp: 440189
Ion Ratio Lower Upper
51 100
67 19.7 16.7 25.1

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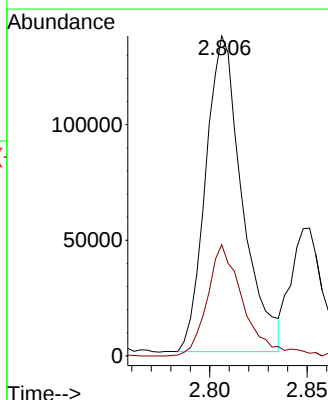
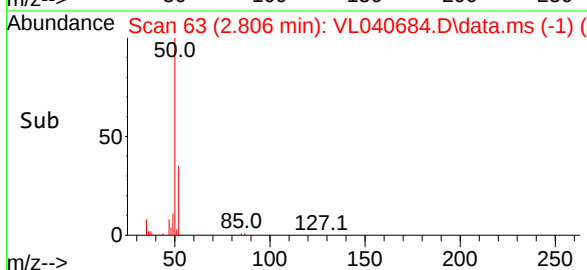
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

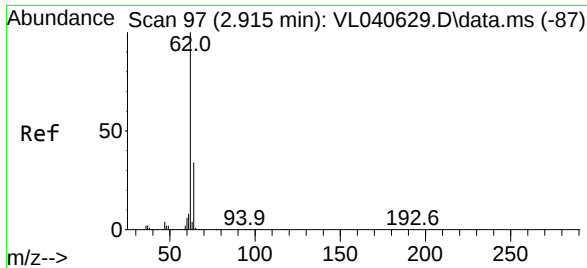


#4
Chloromethane
Concen: 2.200 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



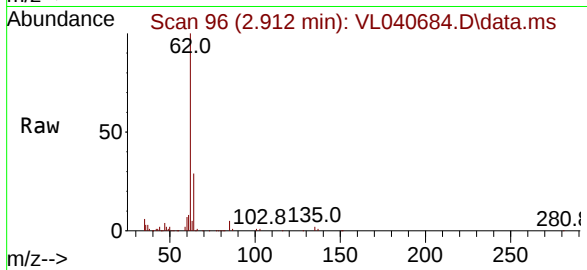
Tgt Ion: 50 Resp: 177770
Ion Ratio Lower Upper
50 100
52 35.1 27.1 40.7





#5
 Vinyl Chloride
 Concen: 2.173 ppbv
 RT: 2.912 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

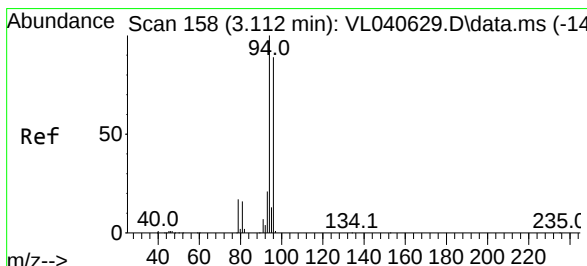
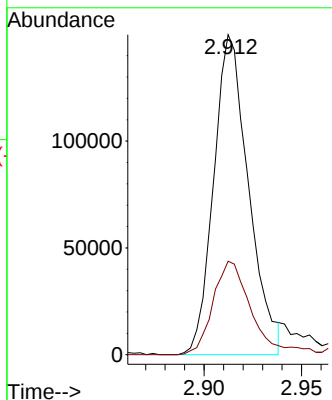
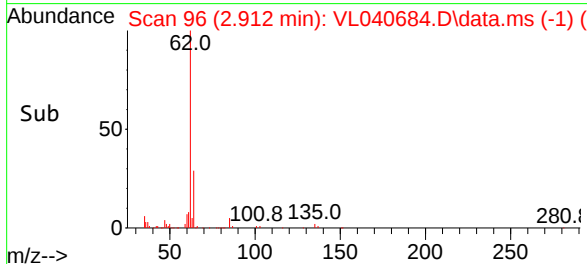
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 18645
 Ion Ratio Lower Upper
 62 100
 64 29.2 27.2 40.8

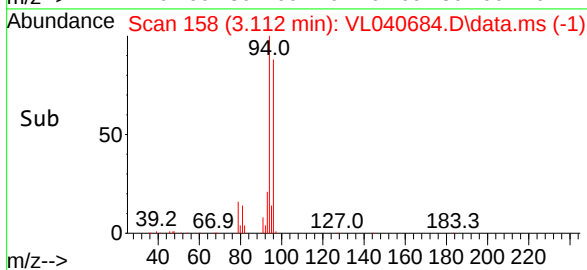
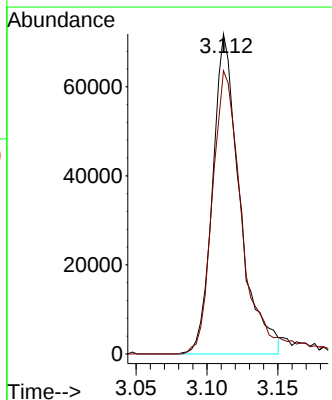
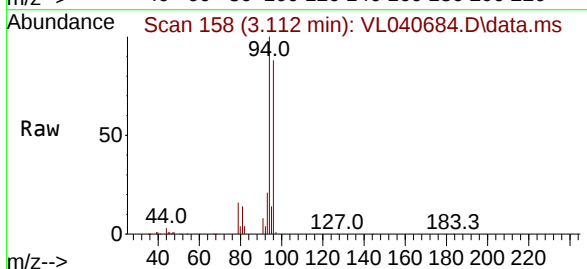
Manual Integrations
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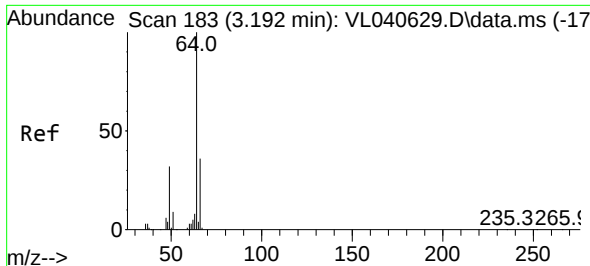
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#6
 Bromomethane
 Concen: 2.127 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

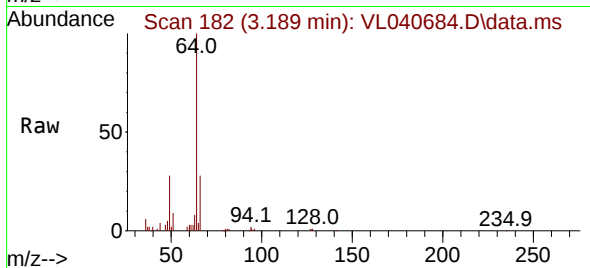
Tgt Ion: 94 Resp: 95661
 Ion Ratio Lower Upper
 94 100
 96 88.5 74.4 111.6





#7
Chloroethane
Concen: 2.350 ppbv
RT: 3.189 min Scan# 183
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

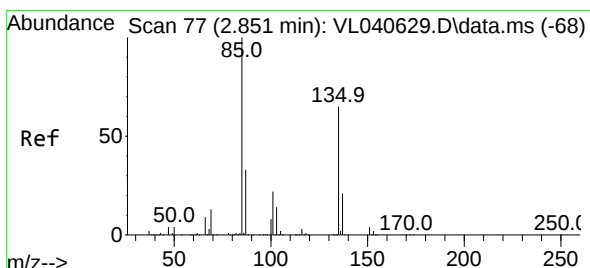
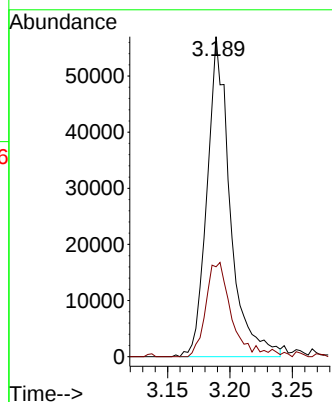
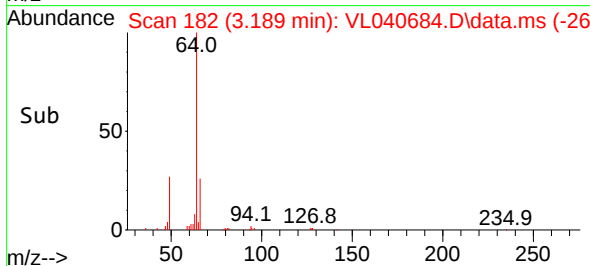
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 64 Resp: 73534
Ion Ratio Lower Upper
64 100
66 28.1 24.5 36.7

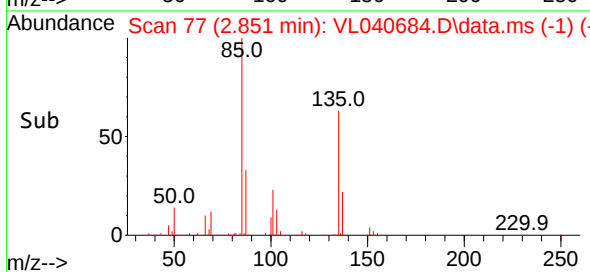
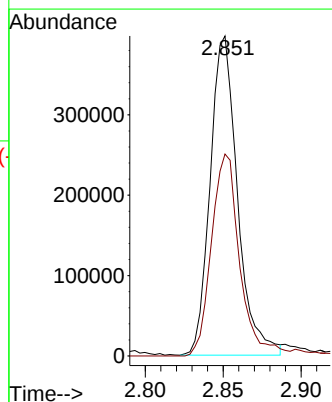
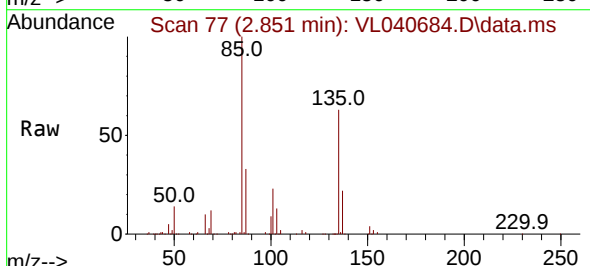
Manual Integrations
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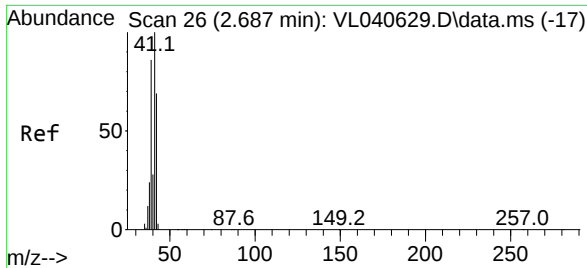
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#8
Dichlorotetrafluoroethane
Concen: 2.208 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

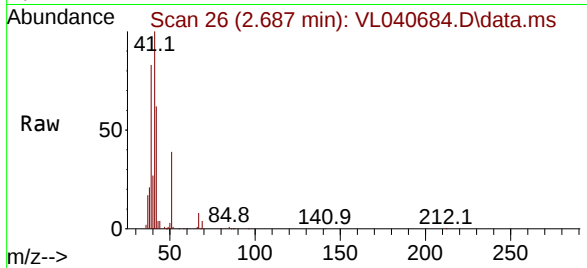
Tgt Ion: 85 Resp: 485611
Ion Ratio Lower Upper
85 100
135 67.8 53.4 80.2





#9
 Propene
 Concen: 1.969 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

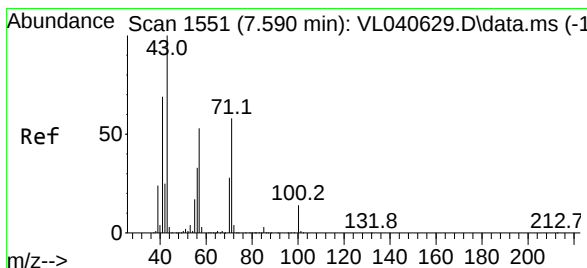
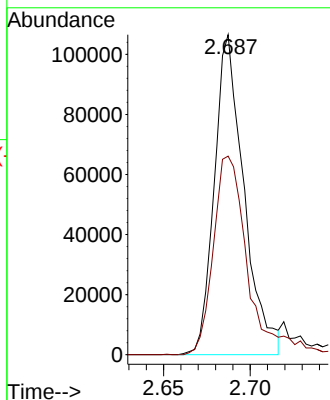
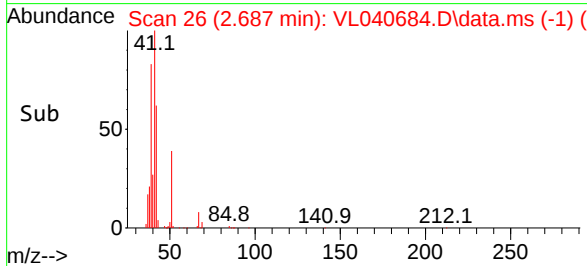
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



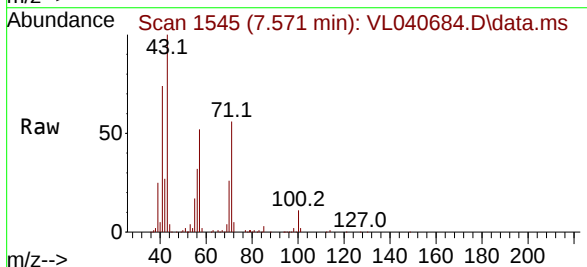
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 Ion Ratio Lower Upper
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 42 73.8 56.7 85.1

Manual Integrations
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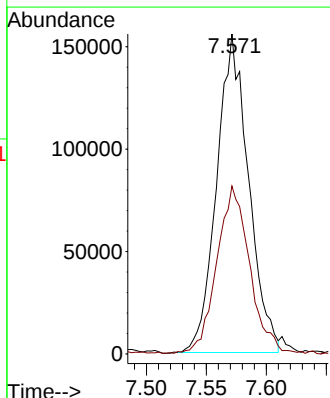
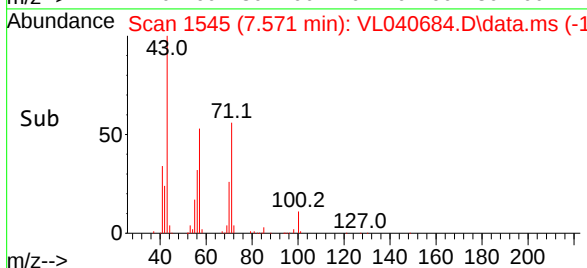
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

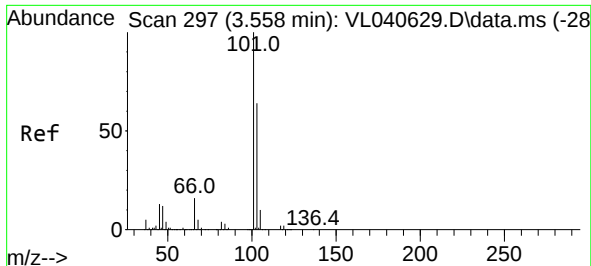


#10
 Heptane
 Concen: 1.944 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27



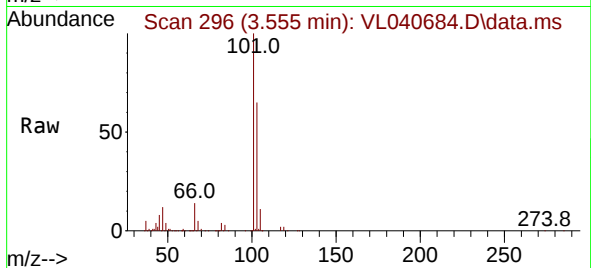
Tgt Ion: 43 Resp: 287285
 Ion Ratio Lower Upper
 43 100
 57 55.1 41.8 62.6





#11
 Trichlorofluoromethane
 Concen: 2.252 ppbv
 RT: 3.555 min Scan# 297
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

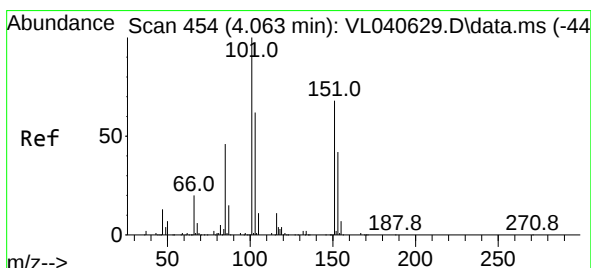
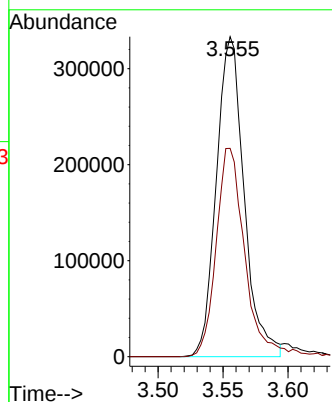
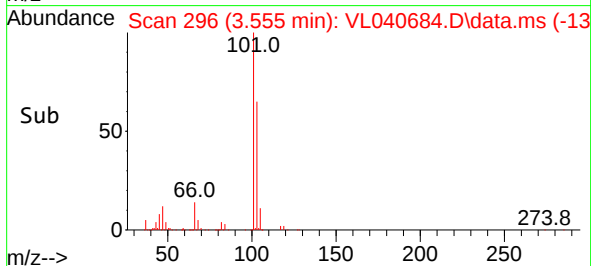
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



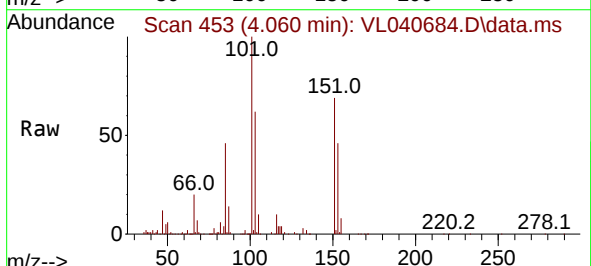
Tgt Ion:101 Resp: 49400
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.3 76.9

Manual Integrations
 APPROVED

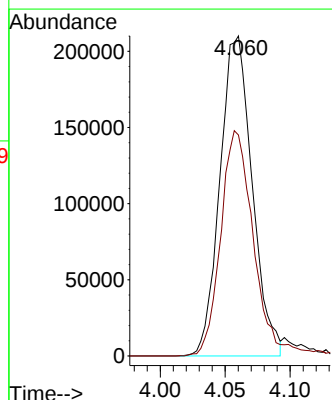
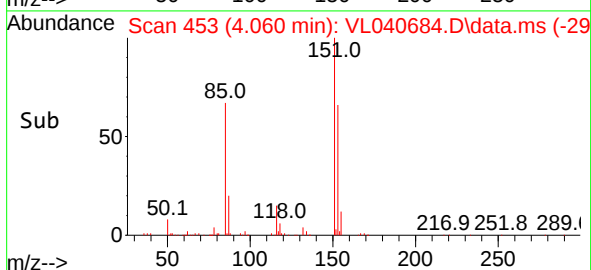
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

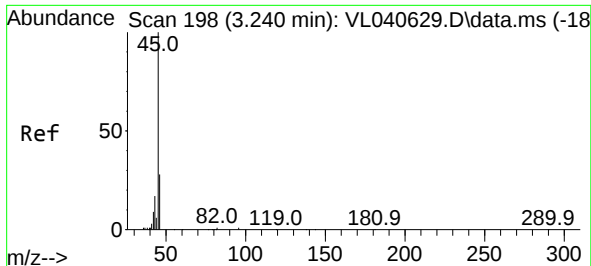


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.228 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27



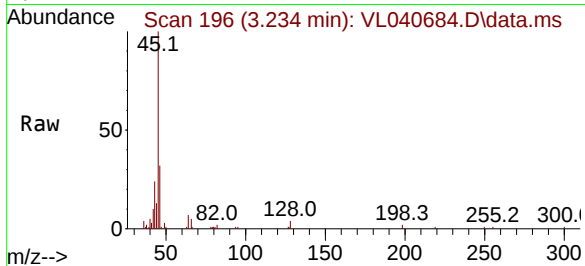
Tgt Ion:101 Resp: 362768
 Ion Ratio Lower Upper
 101 100
 151 73.1 56.8 85.2





#13
Ethanol
Concen: 2.473 ppbv
RT: 3.234 min Scan# 198
Delta R.T. 0.007 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

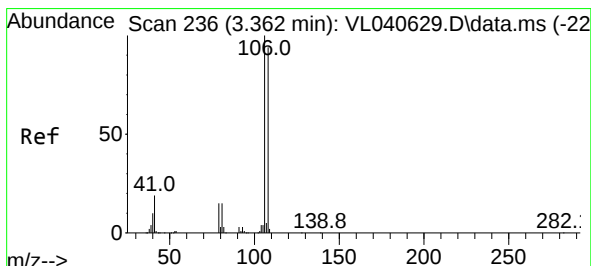
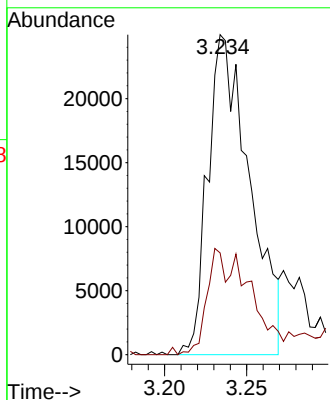
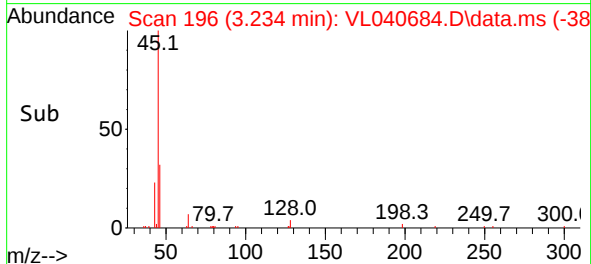
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



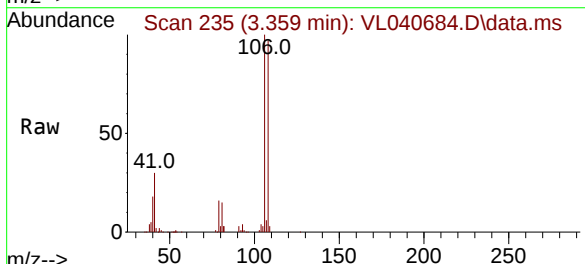
Tgt Ion: 45 Resp: 44290
Ion Ratio Lower Upper
45 100
46 43.7 15.2 61.0

Manual Integrations
APPROVED

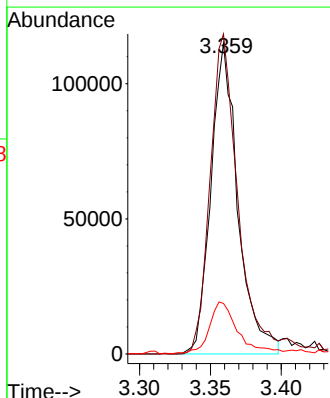
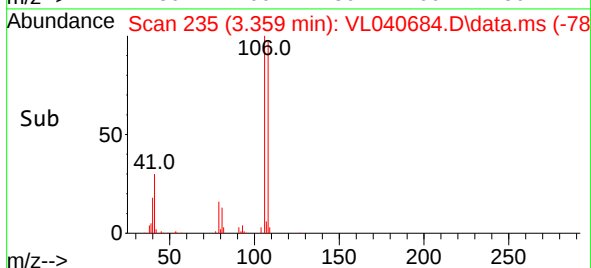
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

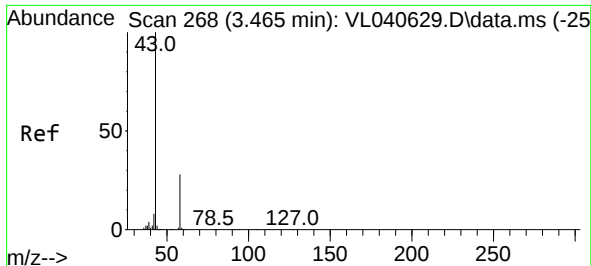


#14
Bromoethene
Concen: 2.306 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



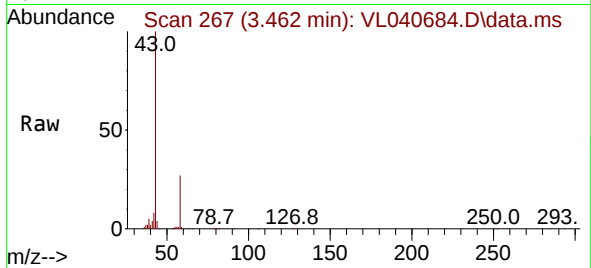
Tgt Ion:108 Resp: 152491
Ion Ratio Lower Upper
108 100
106 111.1 86.0 129.0
79 19.3 15.6 23.4





#15
Acetone
Concen: 2.304 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.007 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

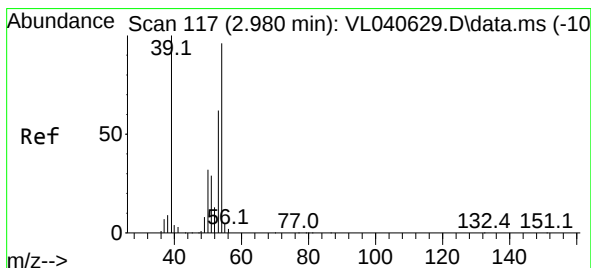
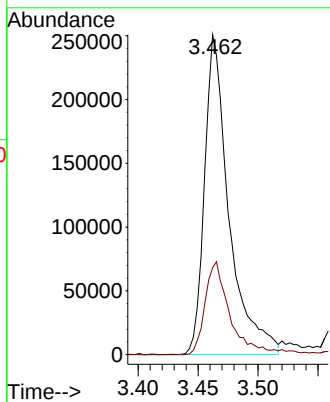
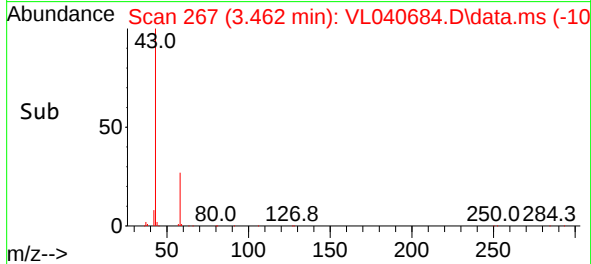
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 35555
Ion Ratio Lower Upper
43 100
58 30.4 22.6 34.0

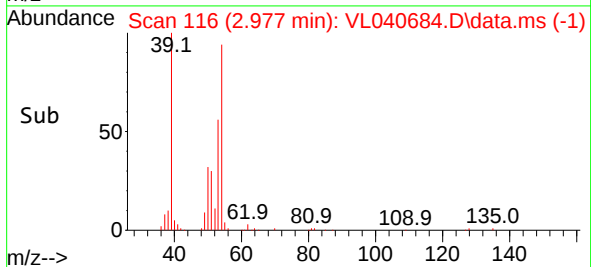
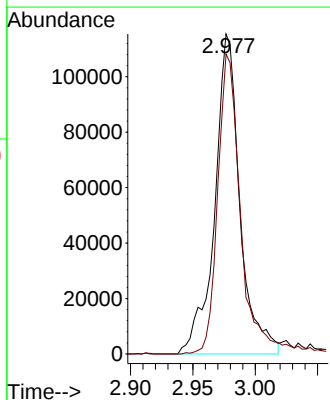
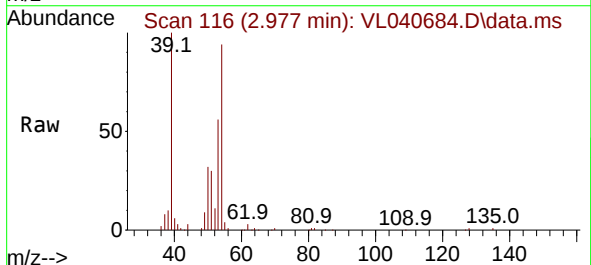
Manual Integrations
APPROVED

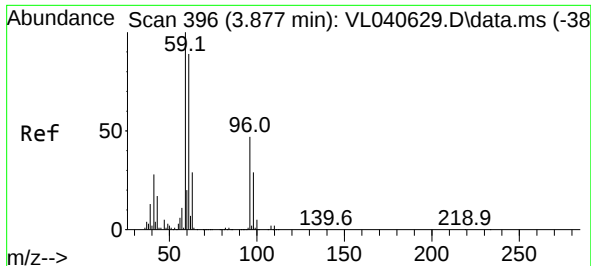
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#16
1,3-Butadiene
Concen: 2.118 ppbv
RT: 2.977 min Scan# 116
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Tgt Ion: 39 Resp: 162558
Ion Ratio Lower Upper
39 100
54 87.2 64.8 97.2





#17

tert-Butyl alcohol

Concen: 2.213 ppbv

RT: 3.874 min Scan# 396

Delta R.T. 0.007 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 59 Resp: 362192

Ion Ratio Lower Upper

59 100

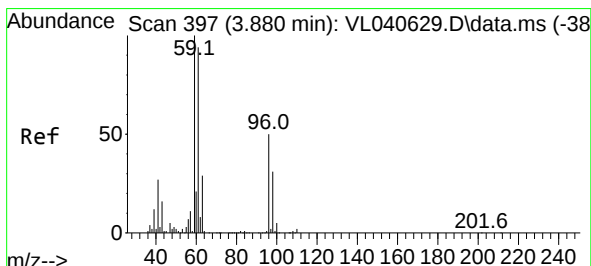
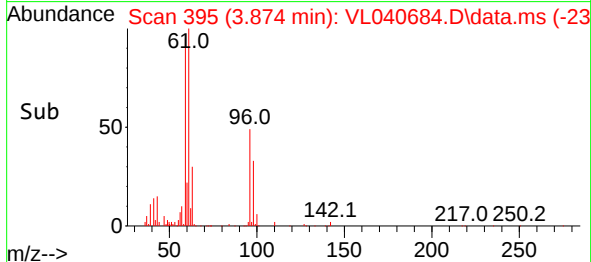
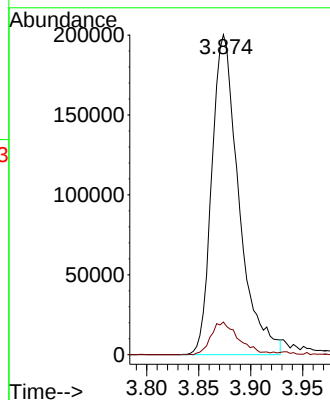
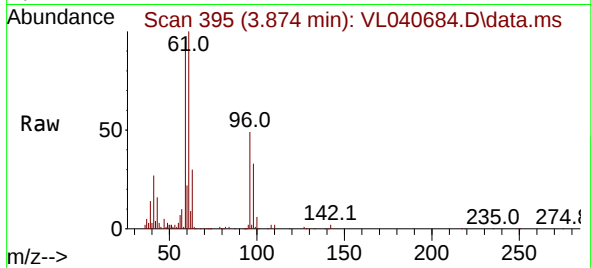
57 11.1 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#18

1,1-Dichloroethene

Concen: 2.196 ppbv

RT: 3.870 min Scan# 394

Delta R.T. 0.000 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

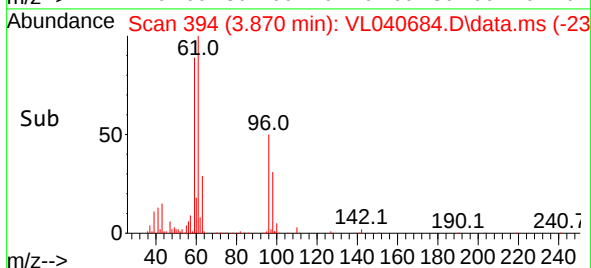
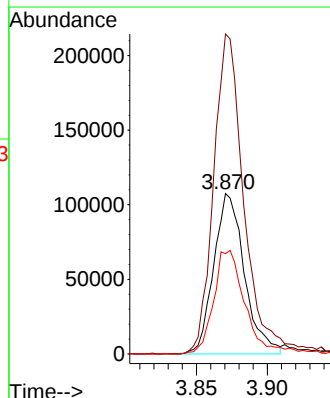
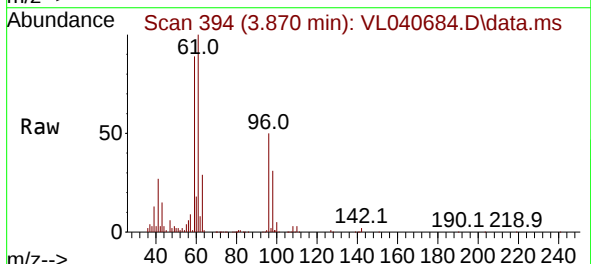
Tgt Ion: 96 Resp: 162073

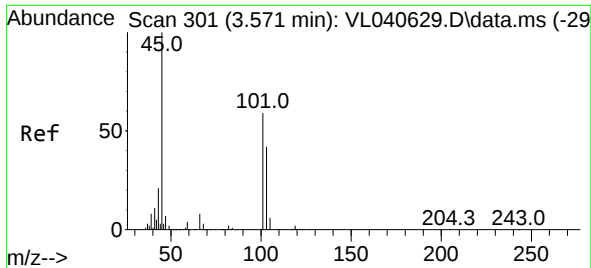
Ion Ratio Lower Upper

96 100

61 199.3 153.6 230.4

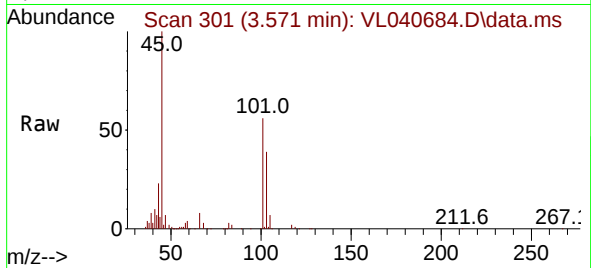
98 62.5 51.9 77.9





#19
Isopropyl Alcohol
Concen: 2.199 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.007 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

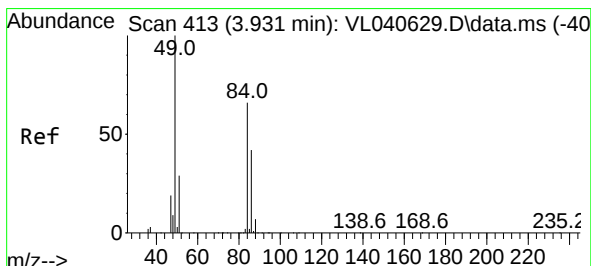
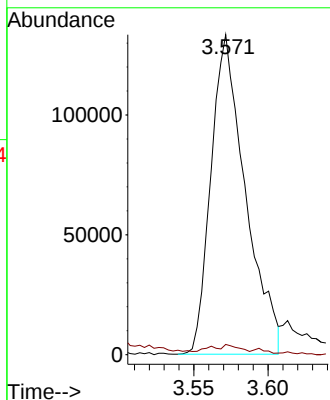
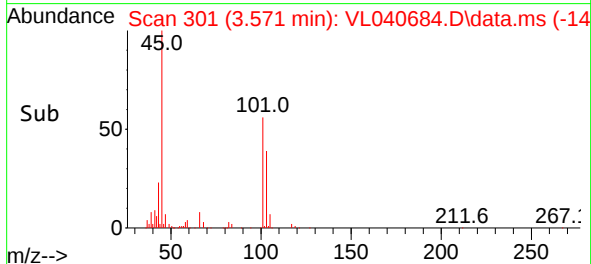
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



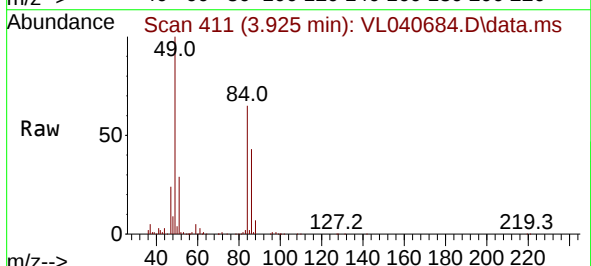
Tgt Ion: 45 Resp: 215152
Ion Ratio Lower Upper
45 100
58 4.1 1.9 2.9

Manual Integrations
APPROVED

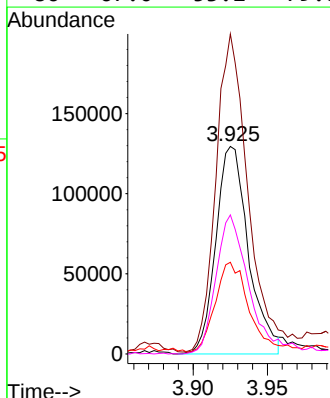
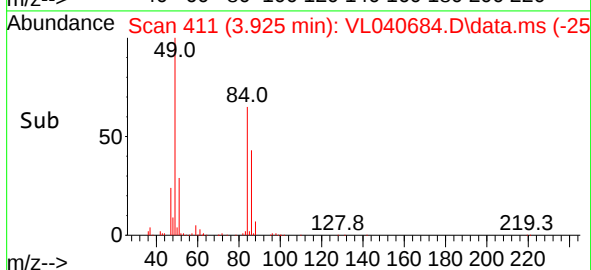
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

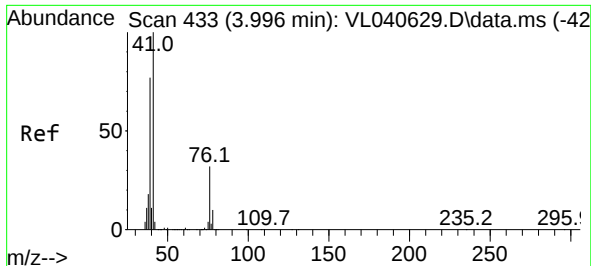


#20
Methylene Chloride
Concen: 2.627 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



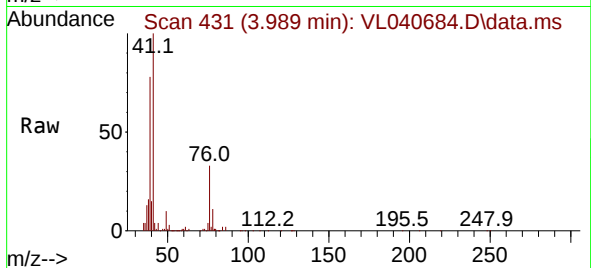
Tgt Ion: 84 Resp: 198110
Ion Ratio Lower Upper
84 100
49 153.1 114.4 171.6
51 42.7 35.5 53.3
86 67.0 53.2 79.8





#21
 Allyl Chloride
 Concen: 2.068 ppbv
 RT: 3.989 min Scan# 411
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

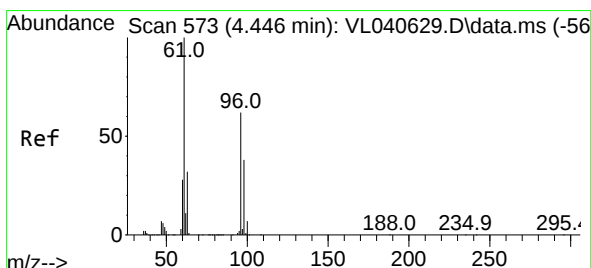
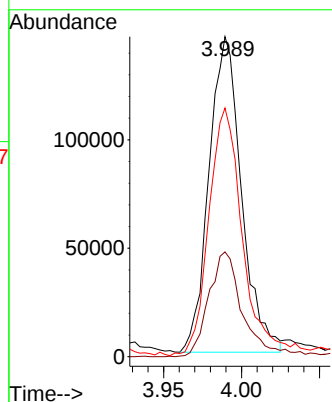
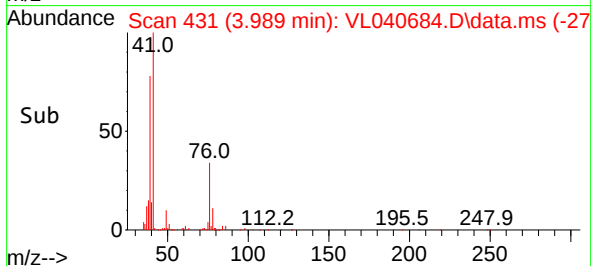
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



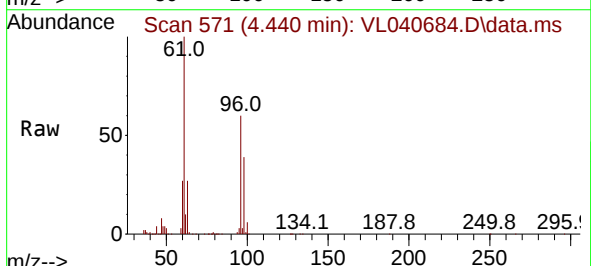
Tgt Ion: 41 Resp: 211114
 Ion Ratio Lower Upper
 41 100
 76 35.5 26.6 40.0
 39 83.9 65.0 97.4

Manual Integrations
 APPROVED

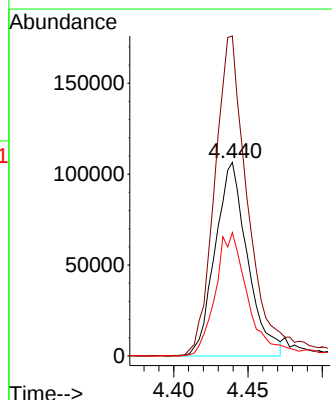
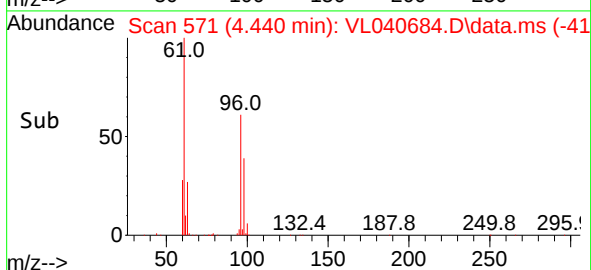
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

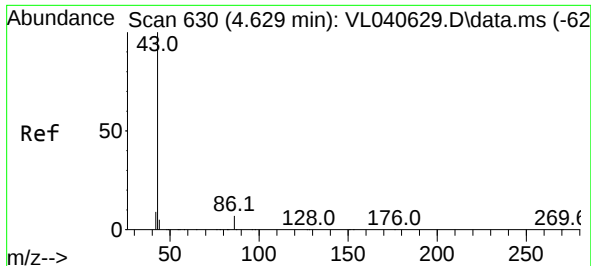


#22
 trans-1,2-Dichloroethene
 Concen: 2.226 ppbv
 RT: 4.440 min Scan# 571
 Delta R.T. 0.007 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27



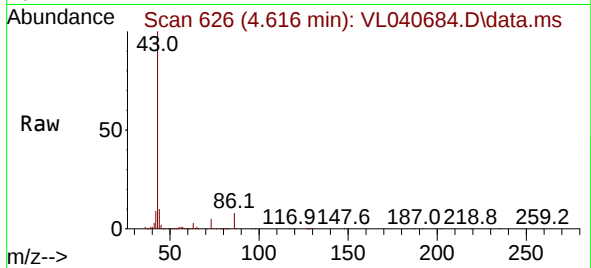
Tgt Ion: 96 Resp: 161292
 Ion Ratio Lower Upper
 96 100
 61 164.9 129.9 194.9
 98 63.8 50.2 75.4





#23
 Vinyl Acetate
 Concen: 2.056 ppbv
 RT: 4.616 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

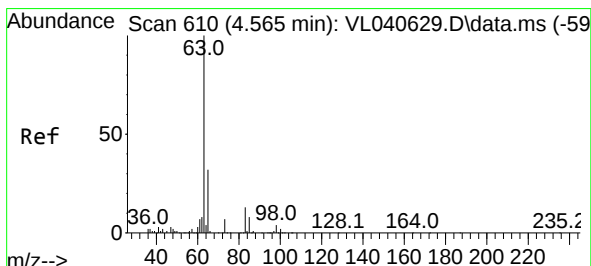
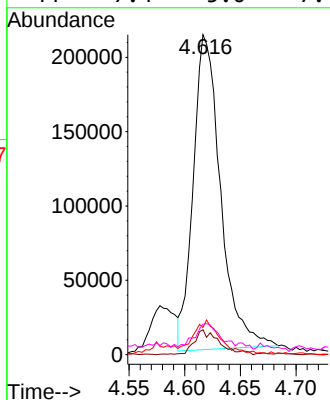
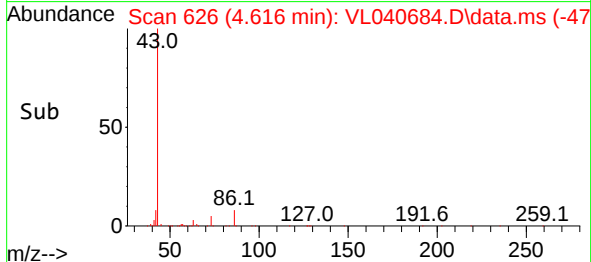
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



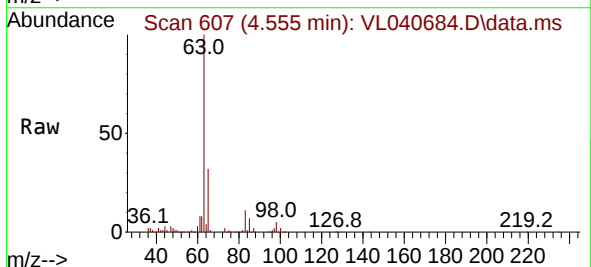
Tgt Ion: 43 Resp: 36149
 Ion Ratio Lower Upper
 43 100
 86 8.2 5.6 8.4
 42 8.3 7.6 11.4
 44 7.4 5.0 7.4

Manual Integrations
 APPROVED

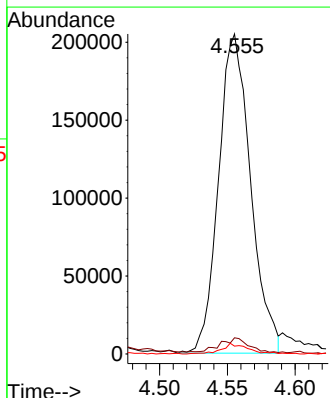
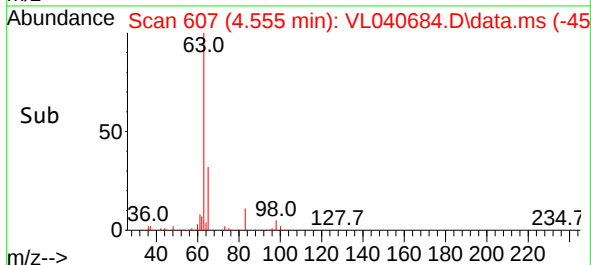
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

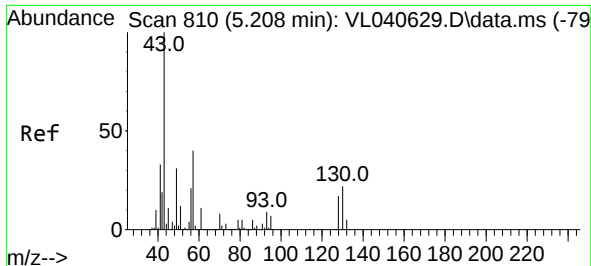


#24
 1,1-Dichloroethane
 Concen: 2.242 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27



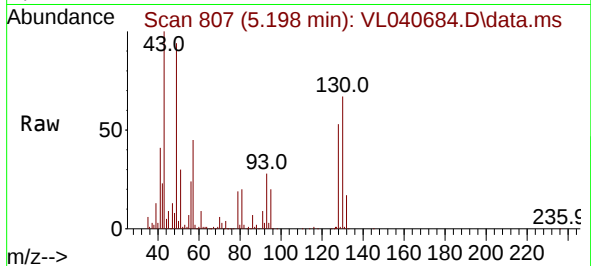
Tgt Ion: 63 Resp: 337111
 Ion Ratio Lower Upper
 63 100
 98 4.6 1.8 5.5
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 2.073 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

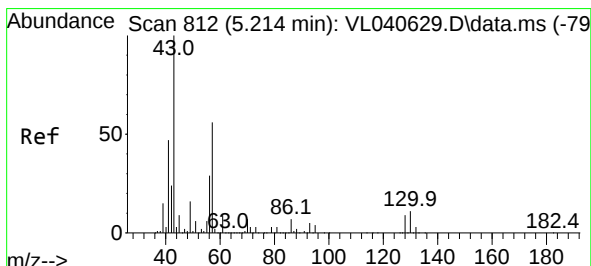
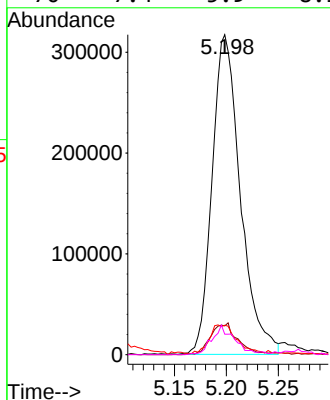
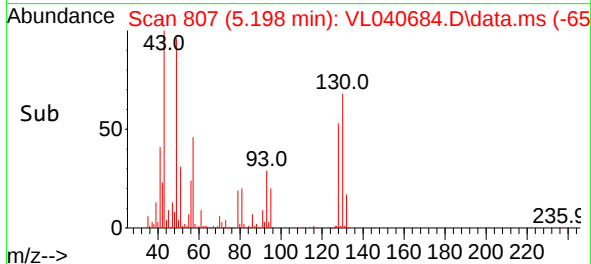
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.2	12.4
61	9.8	8.2	12.4
70	7.4	5.9	8.9

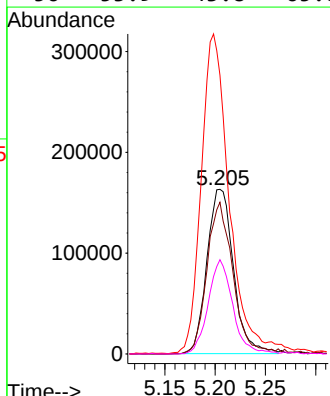
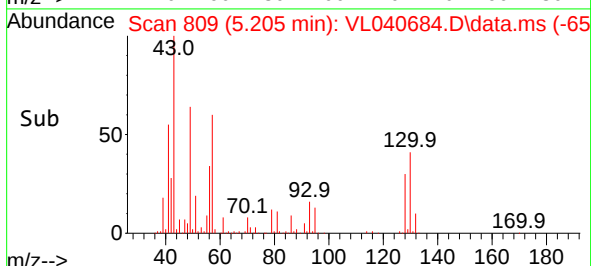
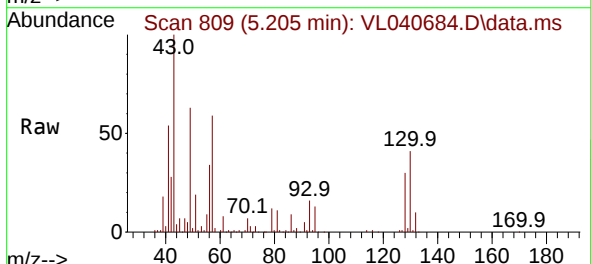
Manual Integrations
APPROVED

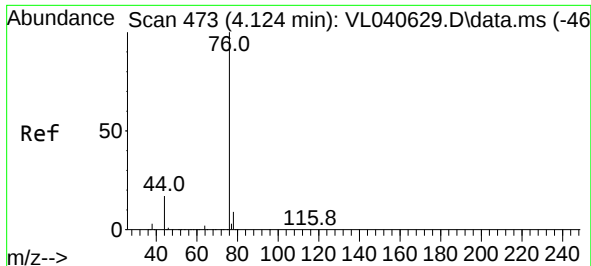
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#26
Hexane
Concen: 2.135 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

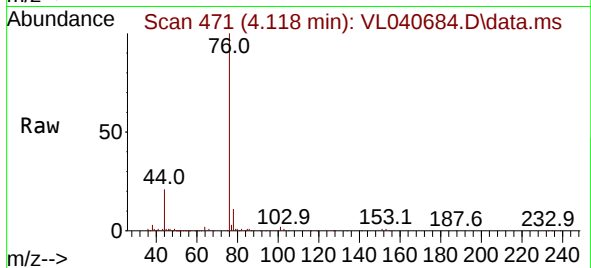
Tgt Ion	Ratio	Lower	Upper
57	100		
41	92.3	75.2	112.8
43	206.7	185.6	278.4
56	53.9	43.8	65.8





#27
Carbon Disulfide
Concen: 2.278 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

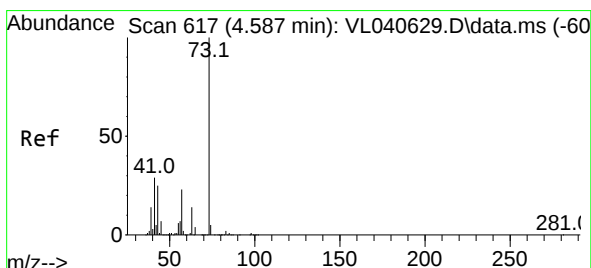
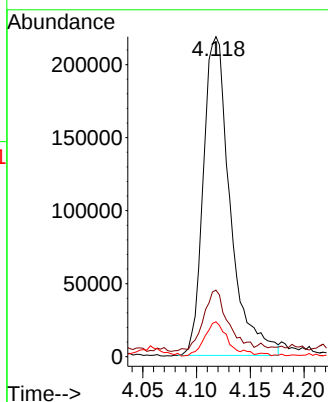
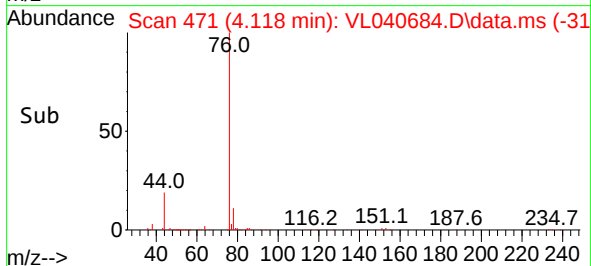
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



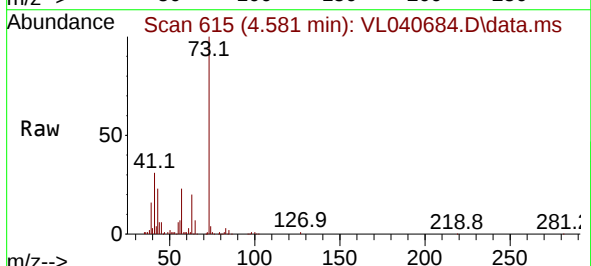
Tgt Ion: 76 Resp: 380230
Ion Ratio Lower Upper
76 100
44 19.8 14.5 21.7
78 10.5 7.7 11.5

Manual Integrations
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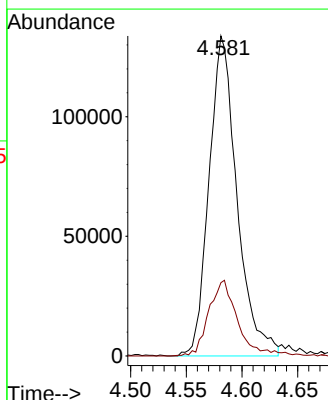
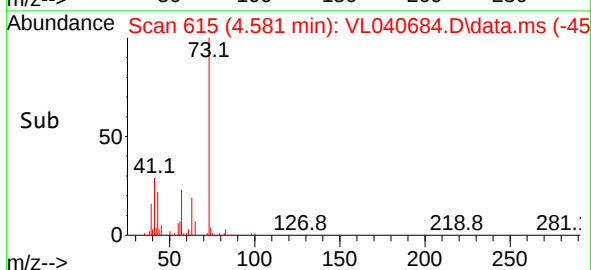
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

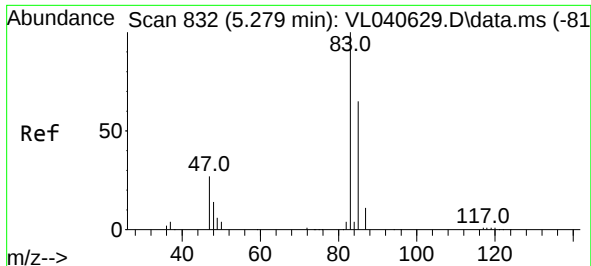


#28
Methyl tert-Butyl Ether
Concen: 2.156 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



Tgt Ion: 73 Resp: 233720
Ion Ratio Lower Upper
73 100
57 24.6 18.8 28.2





#29

Chloroform

Concen: 2.067 ppbv

RT: 5.266 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 83 Resp: 458834

Ion Ratio Lower Upper

83 100

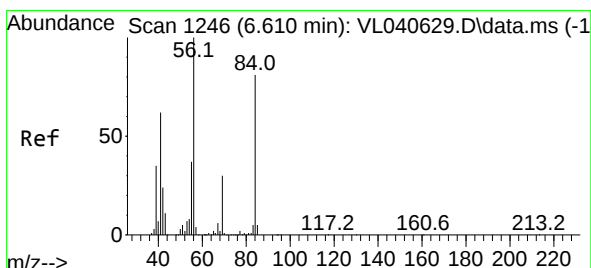
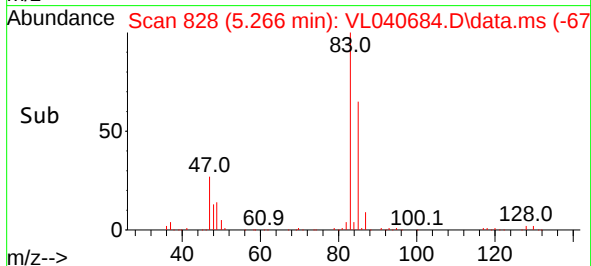
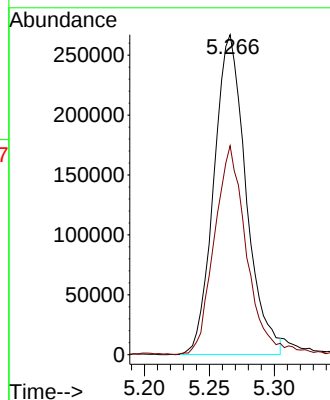
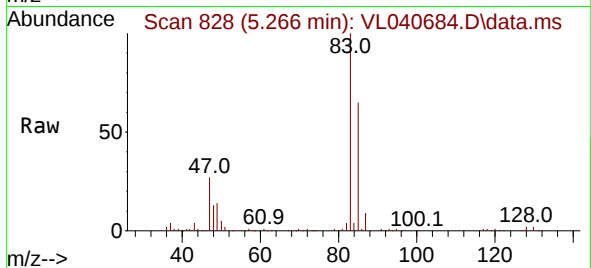
85 65.2 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#30

Cyclohexane

Concen: 1.883 ppbv

RT: 6.594 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

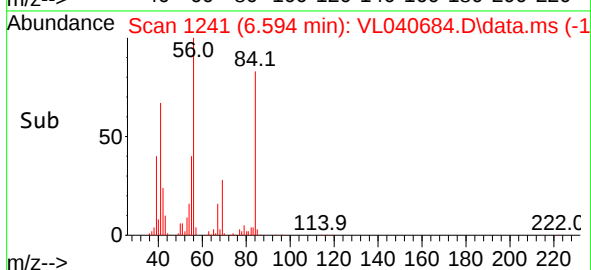
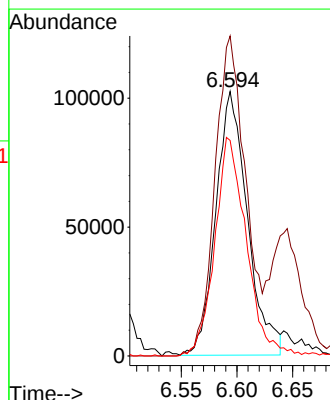
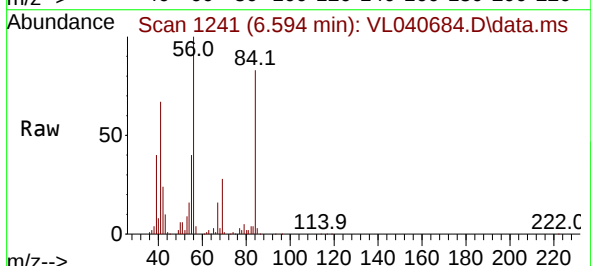
Tgt Ion: 84 Resp: 202089

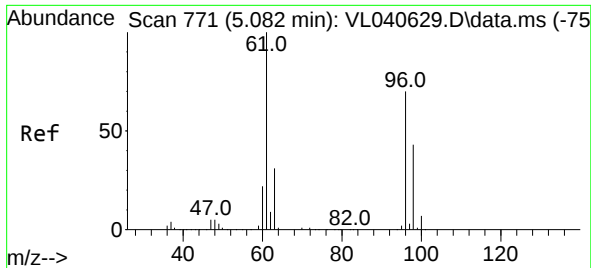
Ion Ratio Lower Upper

84 100

56 120.2 103.2 154.8

41 83.4 65.5 98.3





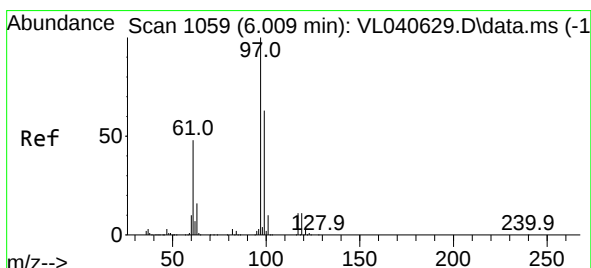
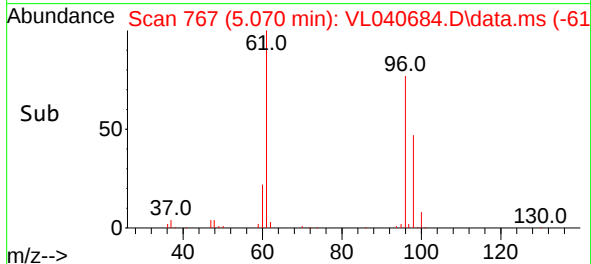
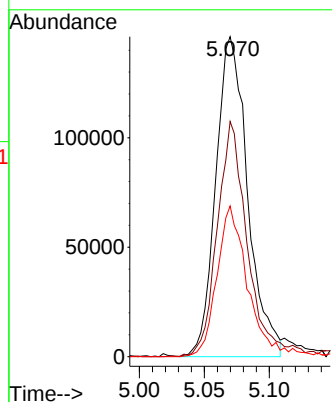
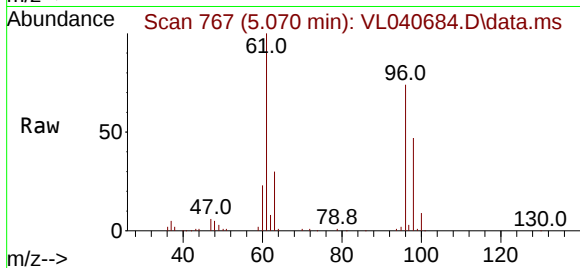
#31
 cis-1,2-Dichloroethene
 Concen: 1.970 ppbv
 RT: 5.070 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 61 Resp: 249275
 Ion Ratio Lower Upper
 61 100
 96 73.4 51.2 76.8
 98 47.1 32.3 48.5

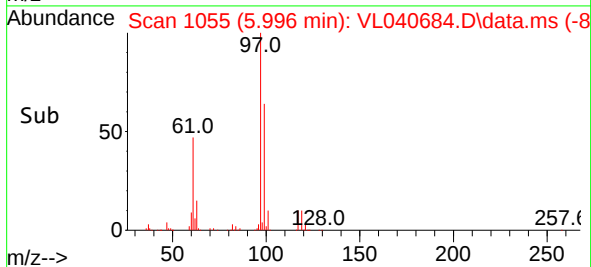
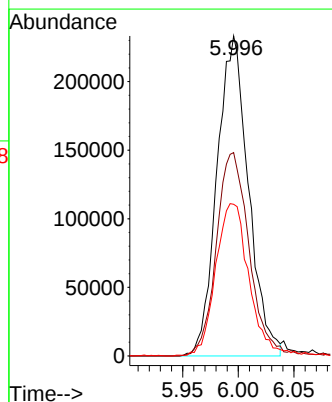
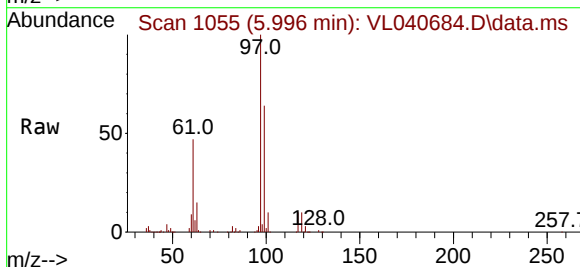
Manual Integrations
 APPROVED

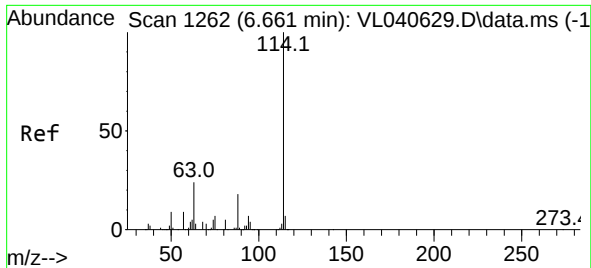
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 2.158 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. 0.000 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

Tgt Ion: 97 Resp: 458578
 Ion Ratio Lower Upper
 97 100
 99 66.7 52.4 78.6
 61 51.2 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:114 Resp: 3340089

Ion Ratio Lower Upper

114 100

63 25.7 21.1 31.7

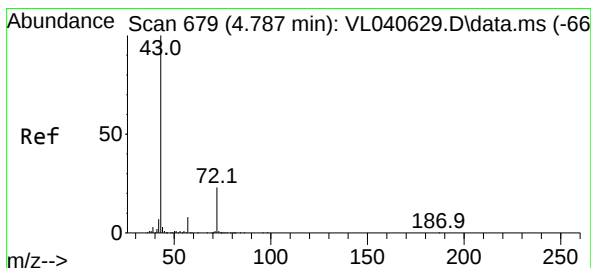
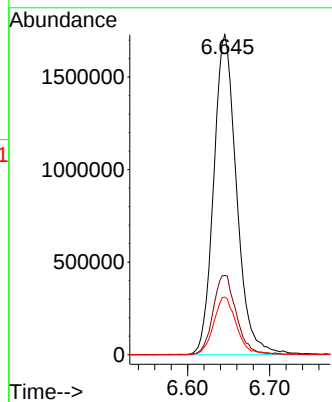
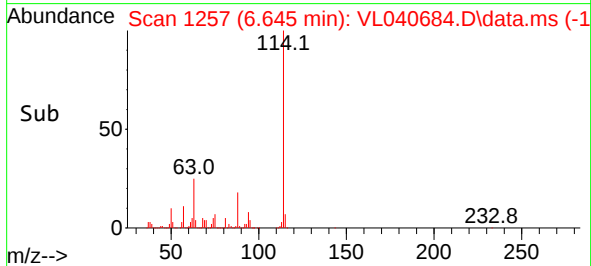
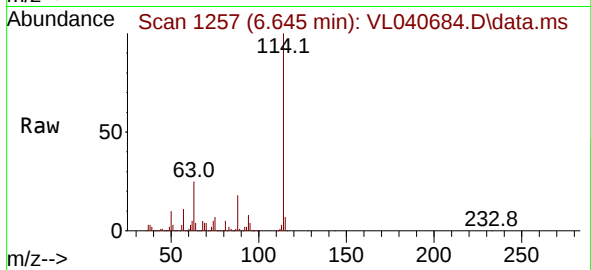
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#34

2-Butanone

Concen: 2.037 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.003 min

Lab File: VL040684.D

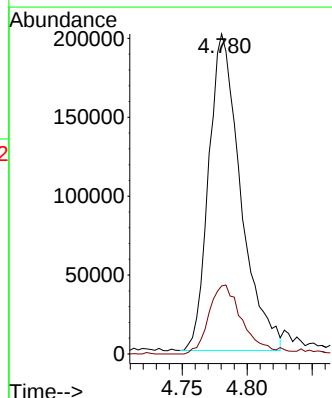
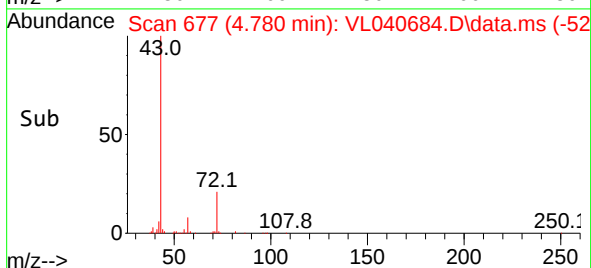
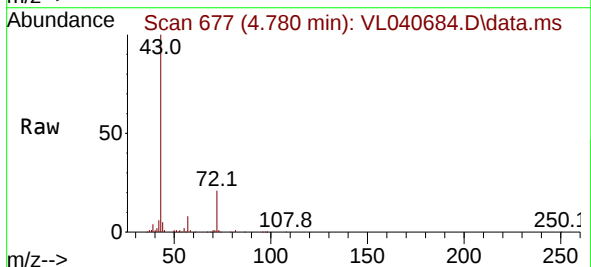
Acq: 14 Sep 2023 14:27

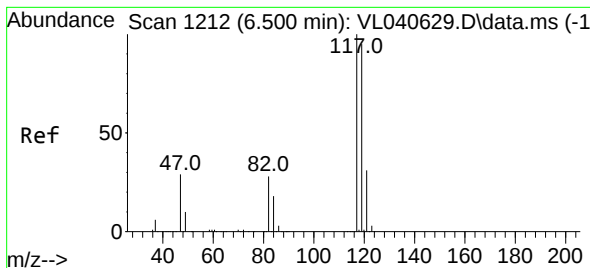
Tgt Ion: 43 Resp: 343102

Ion Ratio Lower Upper

43 100

72 24.1 18.6 27.8





#35

Carbon Tetrachloride

Concen: 2.280 ppbv

RT: 6.484 min Scan# 1169

Delta R.T. 0.000 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

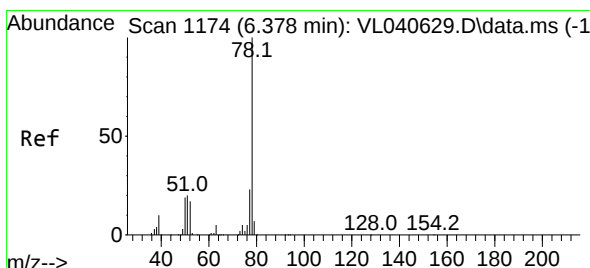
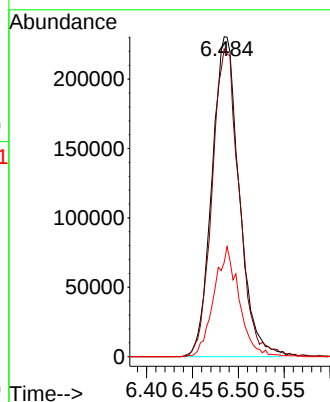
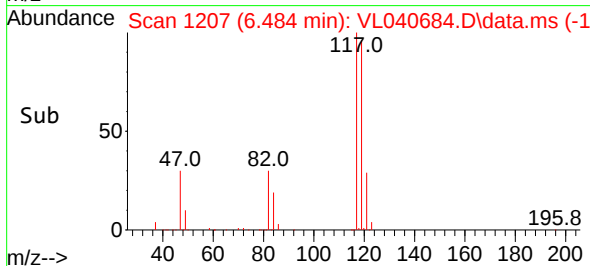
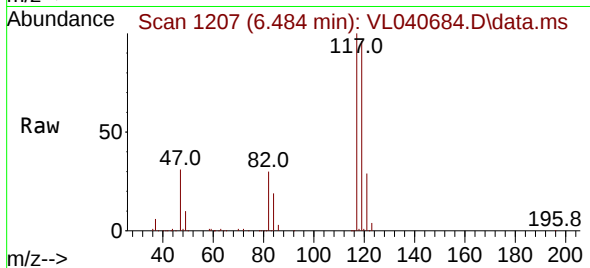
VSTDICC002

Tgt Ion:117 Resp: 476550
 Ion Ratio Lower Upper
 117 100
 119 96.2 78.6 117.8
 121 29.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#36

Benzene

Concen: 2.004 ppbv

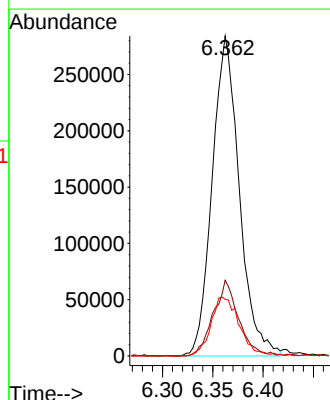
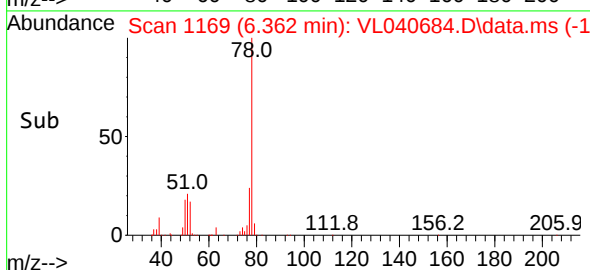
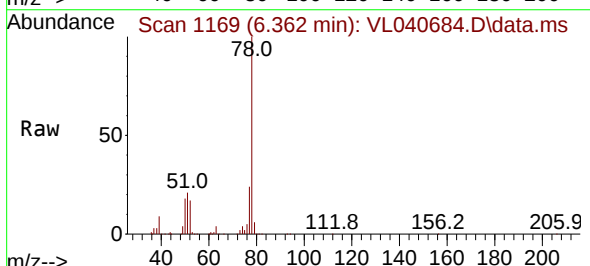
RT: 6.362 min Scan# 1169

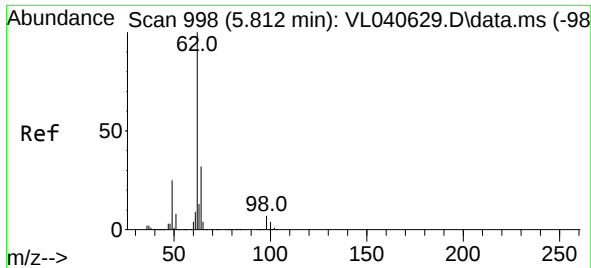
Delta R.T. 0.000 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Tgt Ion: 78 Resp: 532414
 Ion Ratio Lower Upper
 78 100
 77 23.7 17.9 26.9
 50 17.7 17.3 25.9





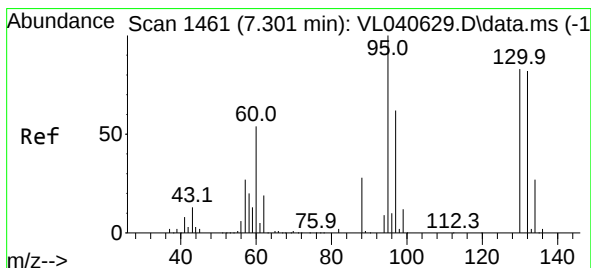
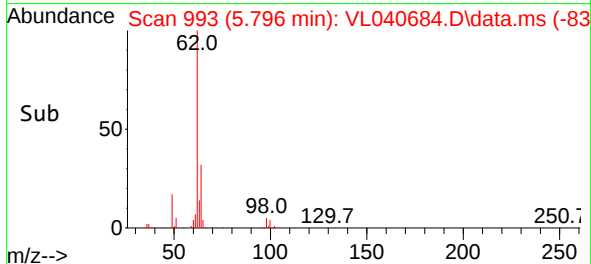
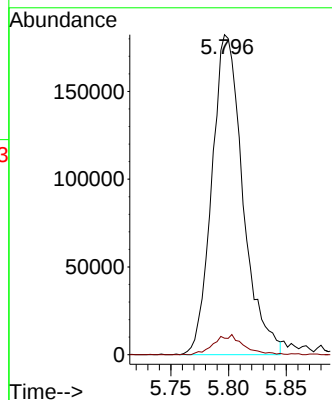
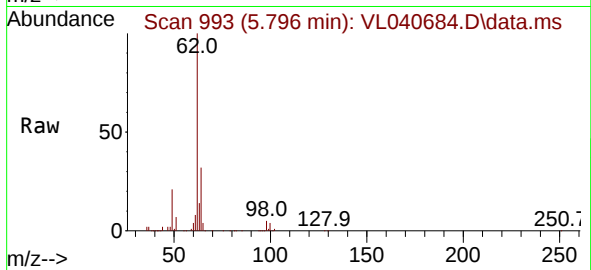
#37
1,2-Dichloroethane
Concen: 2.130 ppbv
RT: 5.796 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 34131
Ion Ratio Lower Upper
62 100
98 6.0 4.2 6.4

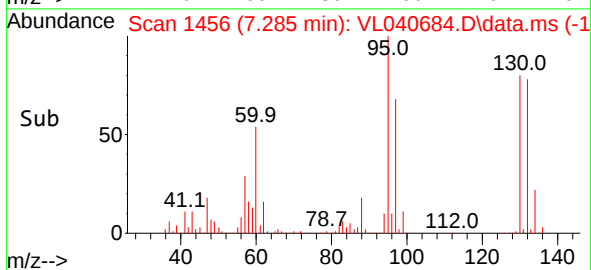
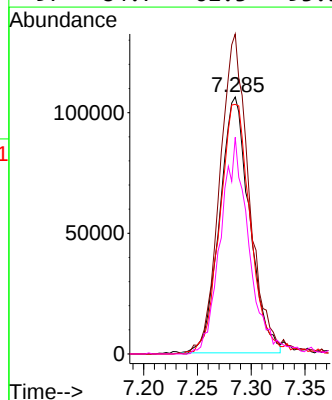
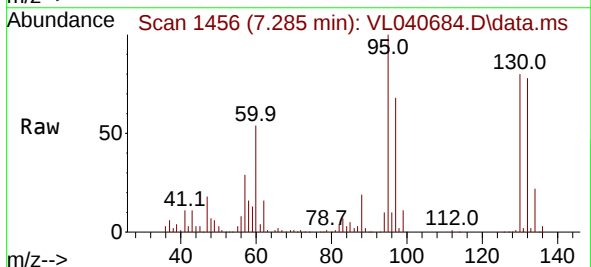
Manual Integrations
APPROVED

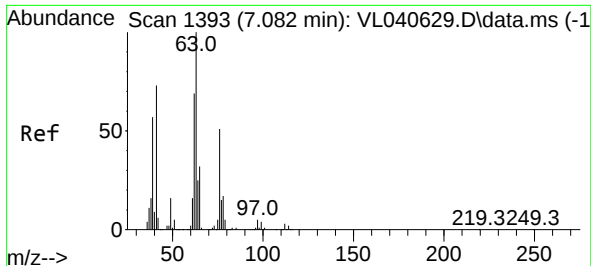
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#38
Trichloroethene
Concen: 1.993 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Tgt Ion:130 Resp: 205019
Ion Ratio Lower Upper
130 100
95 124.7 91.9 137.9
132 97.2 77.3 115.9
97 84.7 62.3 93.5





#39

1,2-Dichloropropane

Concen: 1.949 ppbv

RT: 7.063 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

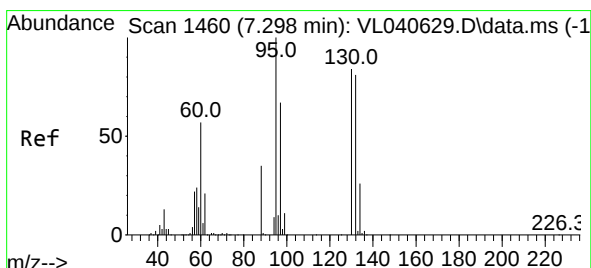
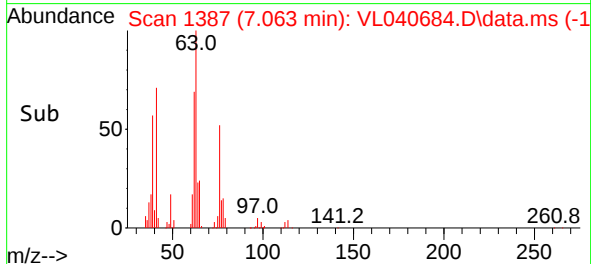
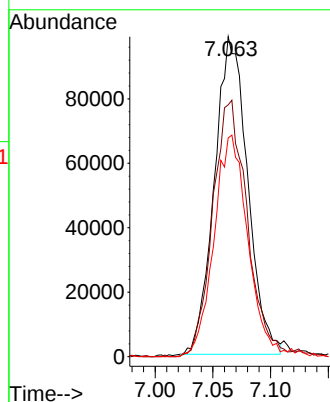
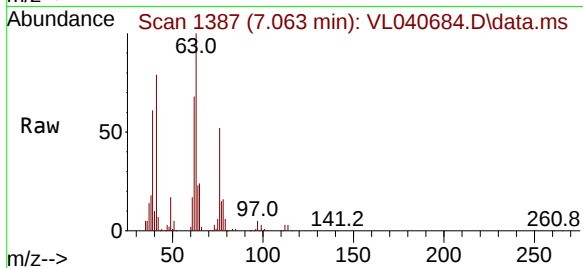
VSTDIC002

Tgt Ion: 63	Resp: 19703
Ion Ratio	Lower Upper
63	100
41	79.0 61.6 92.4
62	68.8 55.8 83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#40

1,4-Dioxane

Concen: 1.969 ppbv

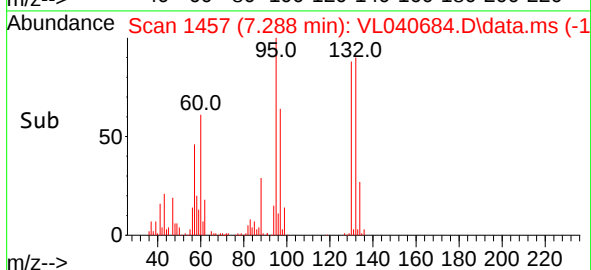
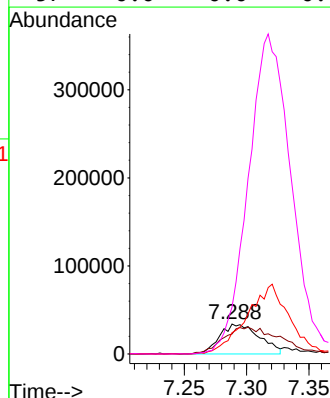
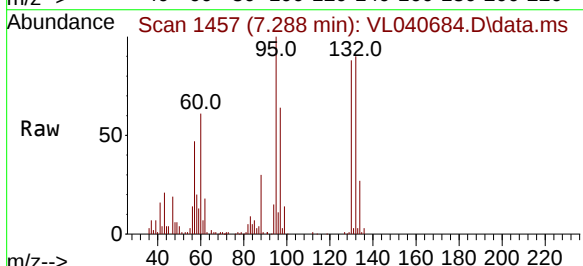
RT: 7.288 min Scan# 1457

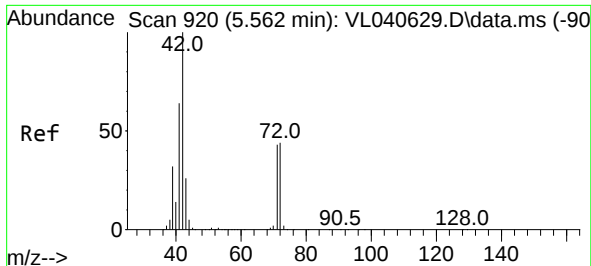
Delta R.T. 0.010 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Tgt Ion: 88	Resp: 75431
Ion Ratio	Lower Upper
88	100
58	129.2 92.7 139.1
43	0.0 0.0 0.0
57	0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 1.953 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.007 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

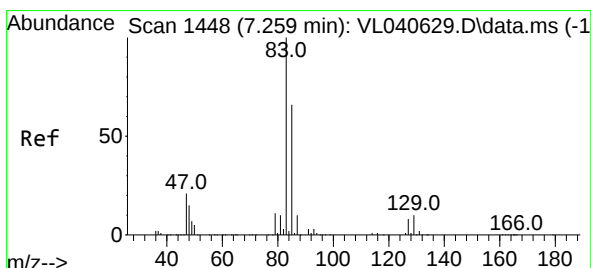
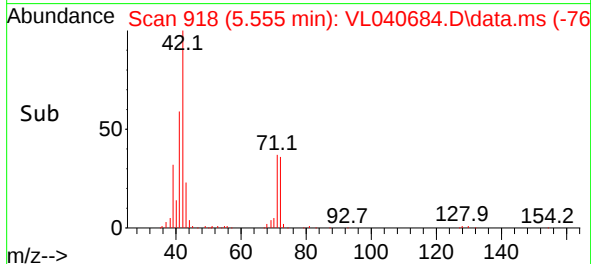
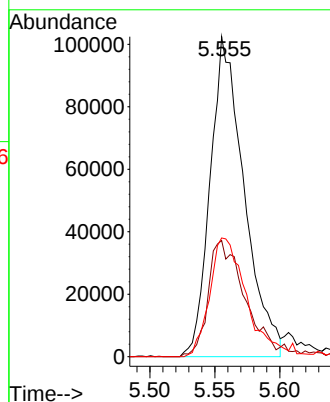
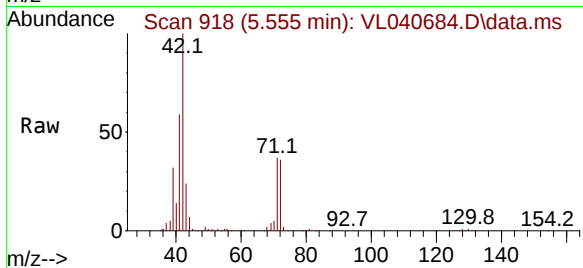
VSTDICC002

Tgt Ion: 42 Resp: 185969
 Ion Ratio Lower Upper
 42 100
 72 41.5 34.9 52.3
 71 41.8 33.8 50.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#42

Bromodichloromethane

Concen: 2.134 ppbv

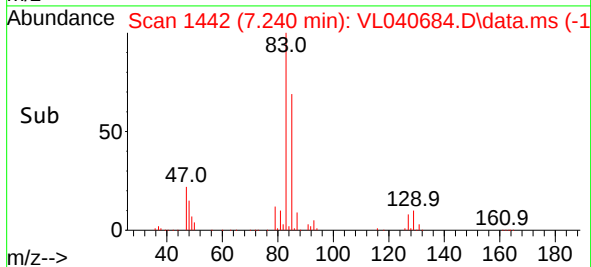
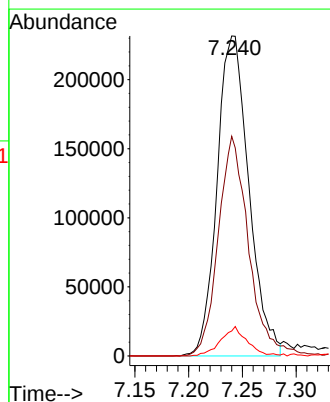
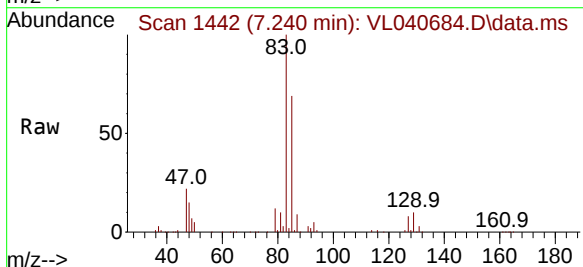
RT: 7.240 min Scan# 1442

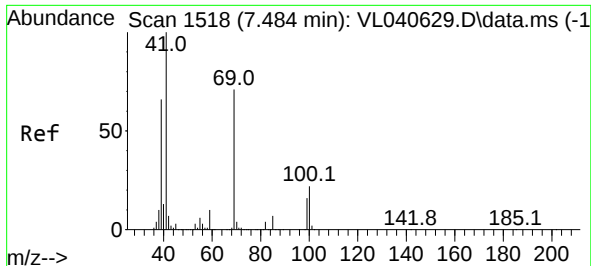
Delta R.T. -0.003 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

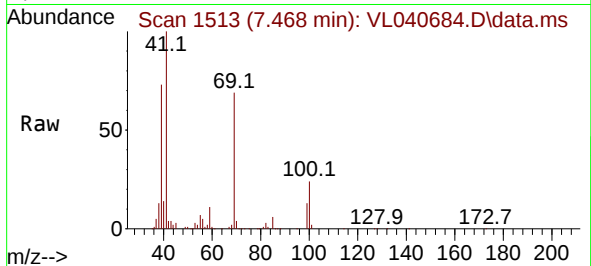
Tgt Ion: 83 Resp: 475995
 Ion Ratio Lower Upper
 83 100
 85 68.7 51.2 76.8
 127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 1.913 ppbv
RT: 7.468 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

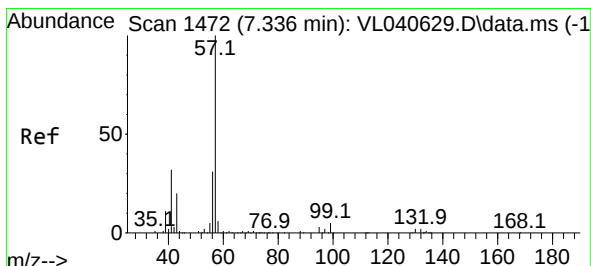
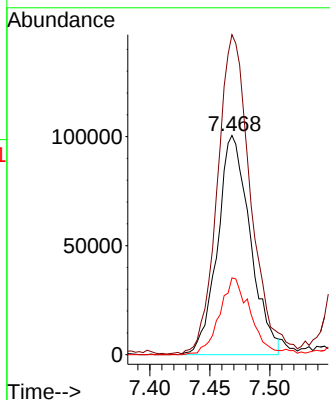
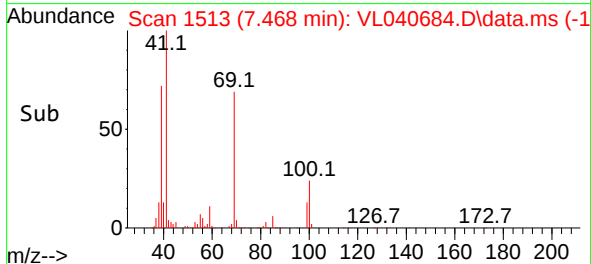
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



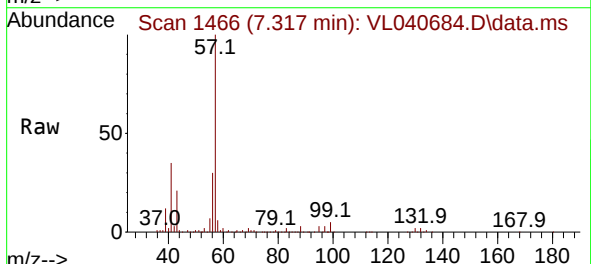
Tgt Ion: 69 Resp: 190325
Ion Ratio Lower Upper
69 100
41 148.6 113.8 170.8
100 33.7 25.4 38.0

Manual Integrations
APPROVED

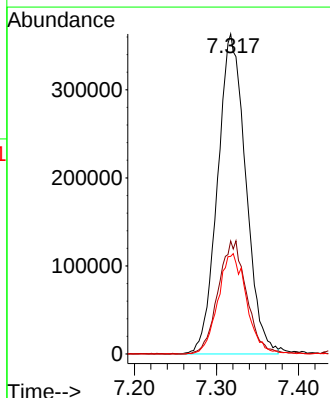
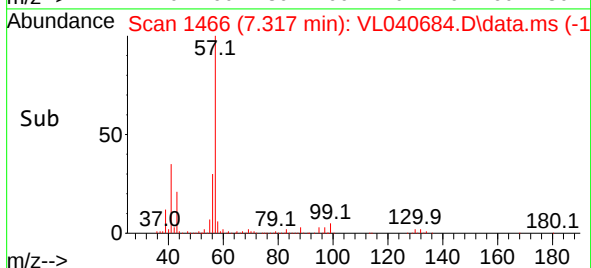
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

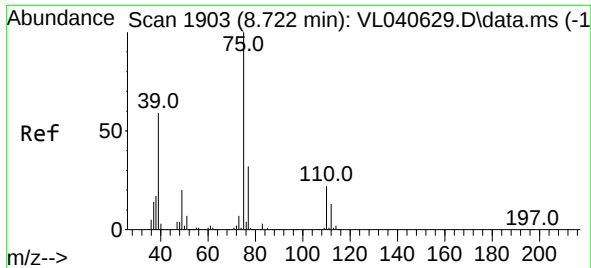


#44
2,2,4-Trimethylpentane
Concen: 2.019 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



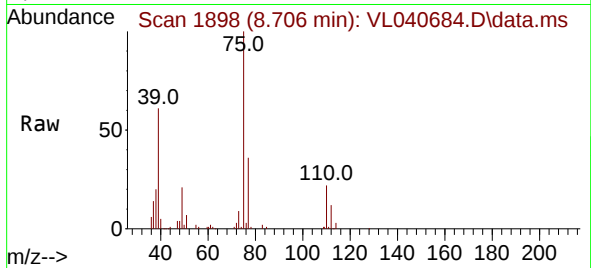
Tgt Ion: 57 Resp: 867248
Ion Ratio Lower Upper
57 100
41 35.9 28.5 42.7
56 31.7 25.4 38.2





#45
 t-1,3-Dichloropropene
 Concen: 1.642 ppbv
 RT: 8.706 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

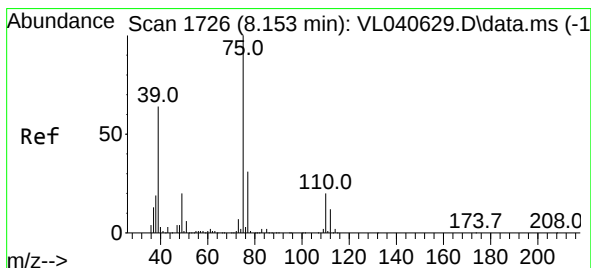
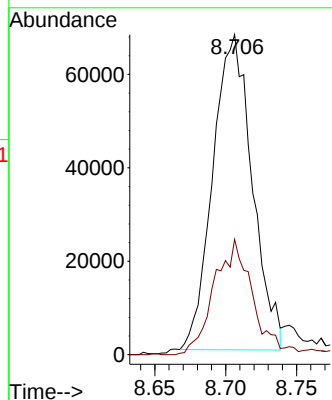
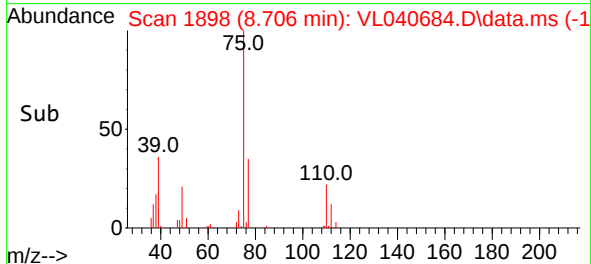
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



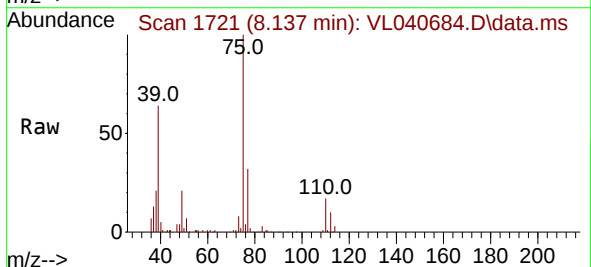
Tgt Ion: 75 Resp: 13046
 Ion Ratio Lower Upper
 75 100
 77 36.1 24.5 36.7

Manual Integrations
 APPROVED

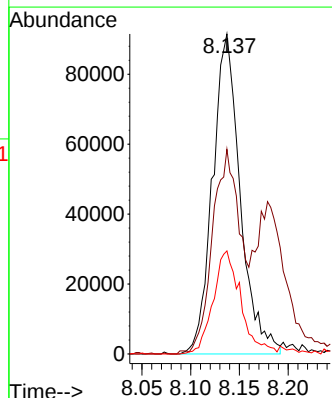
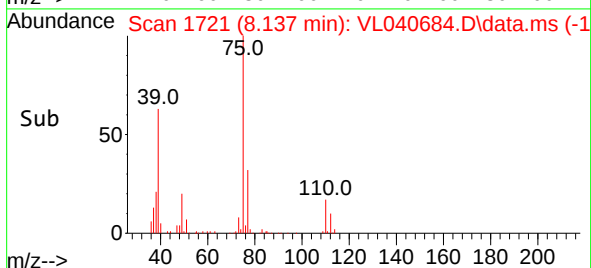
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

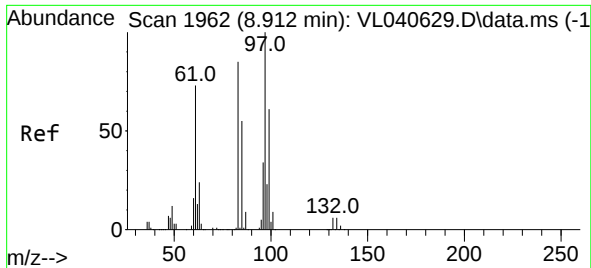


#46
 cis-1,3-Dichloropropene
 Concen: 1.865 ppbv
 RT: 8.137 min Scan# 1721
 Delta R.T. 0.000 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27



Tgt Ion: 75 Resp: 180786
 Ion Ratio Lower Upper
 75 100
 39 63.0 54.0 81.0
 77 32.2 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 1.963 ppbv

RT: 8.893 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 97 Resp: 22412

Ion Ratio Lower Upper

97 100

83 83.6 70.8 106.2

85 52.9 45.7 68.5

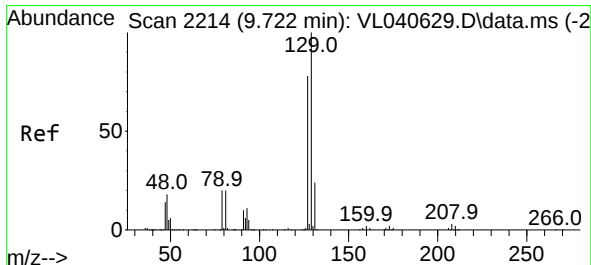
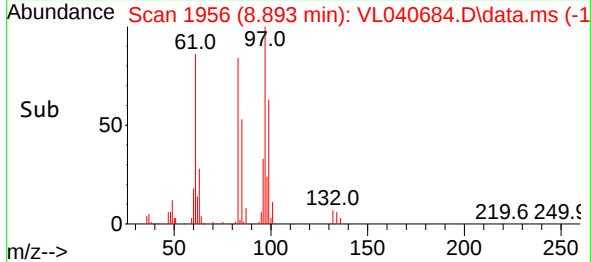
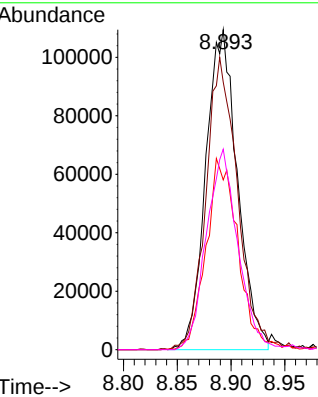
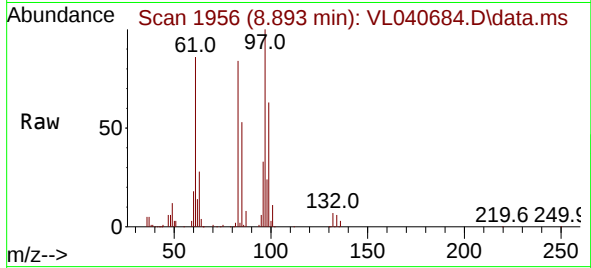
99 62.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#48

Dibromochloromethane

Concen: 2.137 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. 0.000 min

Lab File: VL040684.D

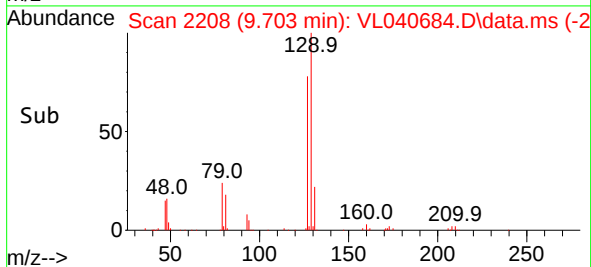
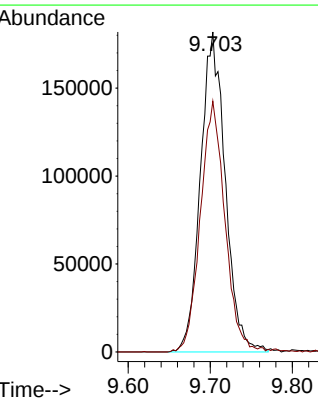
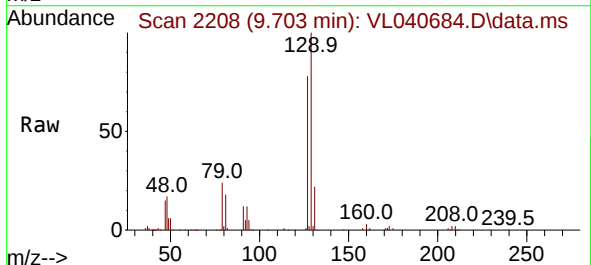
Acq: 14 Sep 2023 14:27

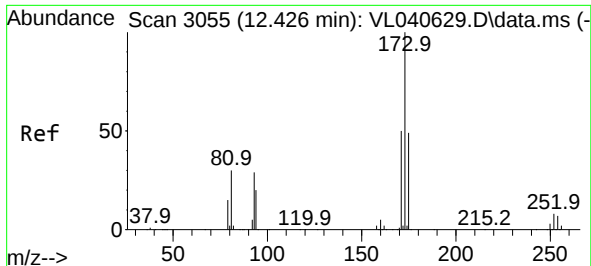
Tgt Ion:129 Resp: 381949

Ion Ratio Lower Upper

129 100

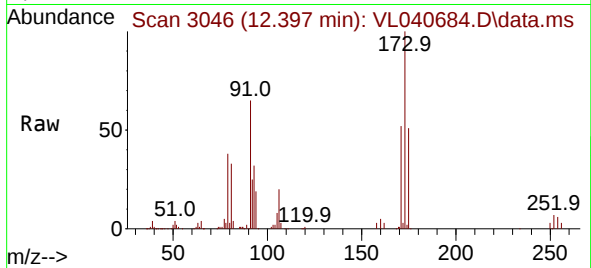
127 78.1 39.4 118.2





#49
Bromoform
Concen: 2.141 ppbv
RT: 12.397 min Scan# 3055
Delta R.T. -0.006 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

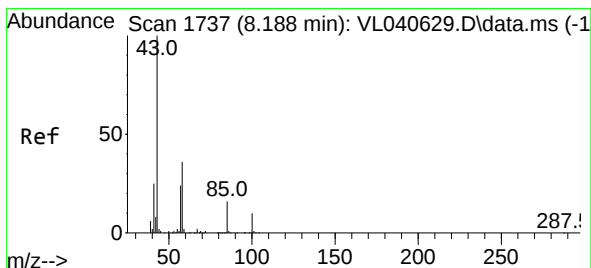
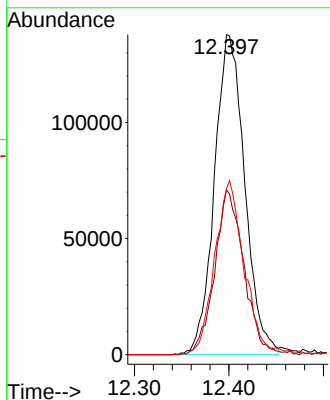
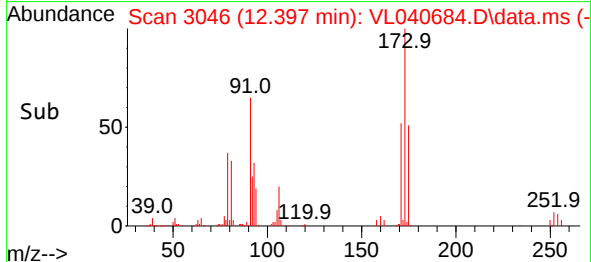
Instrument : MSVOA_L
ClientSampleId : VSTDIC002



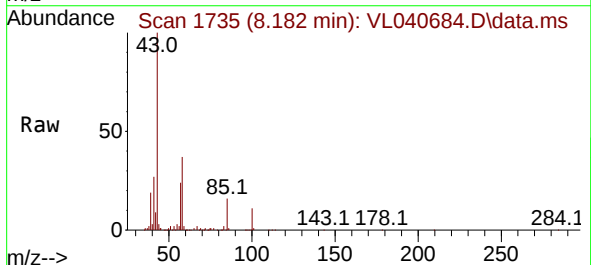
Tgt Ion: 173 Resp: 306588
Ion Ratio Lower Upper
173 100
175 49.9 38.8 58.2
171 53.6 42.2 63.2

Manual Integrations
APPROVED

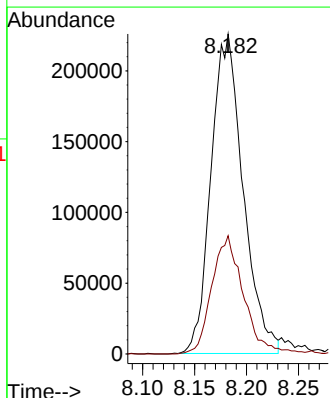
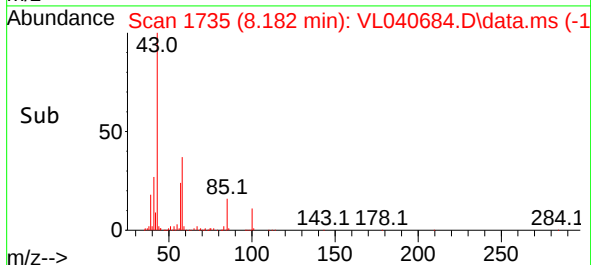
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#50
4-Methyl-2-Pentanone
Concen: 1.972 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.010 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



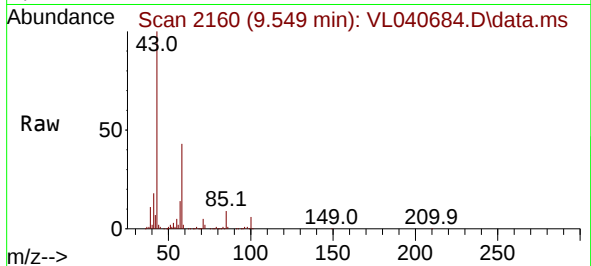
Tgt Ion: 43 Resp: 485239
Ion Ratio Lower Upper
43 100
58 37.1 28.2 42.4





#51
2-Hexanone
Concen: 1.914 ppbv
RT: 9.549 min Scan# 2165
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

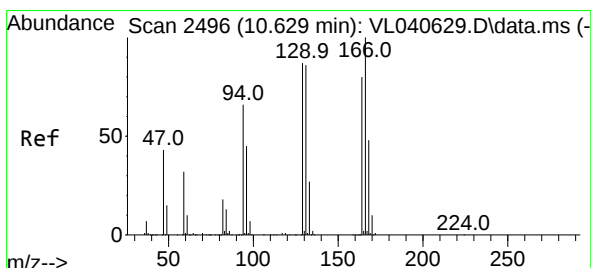
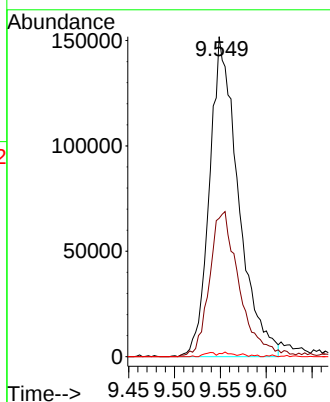
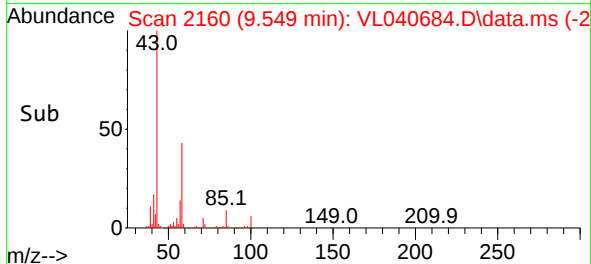
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 43 Resp: 33176
Ion Ratio Lower Upper
43 100
58 47.6 37.6 56.4
98 1.4 0.6 1.0

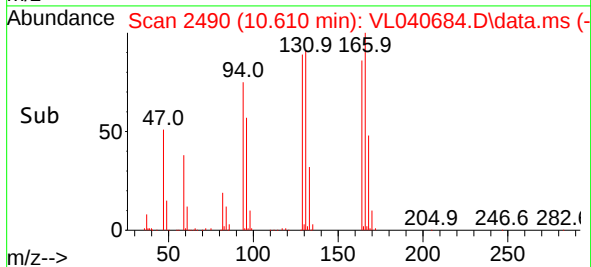
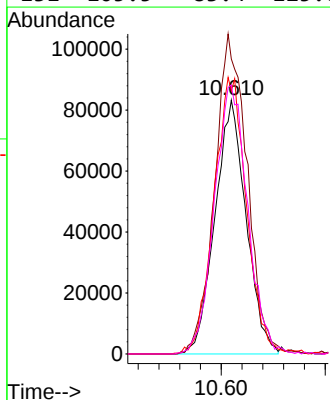
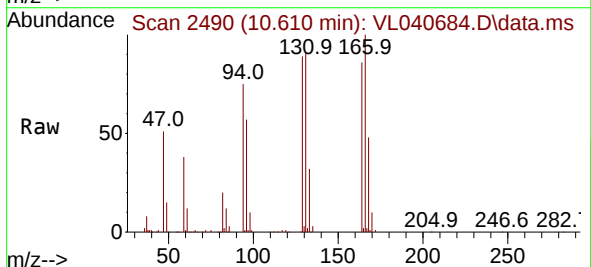
Manual Integrations
APPROVED

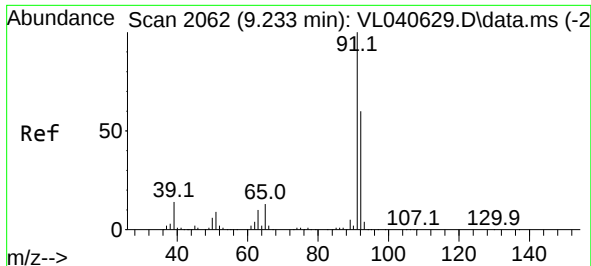
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#52
Tetrachloroethene
Concen: 2.078 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Tgt Ion:164 Resp: 172939
Ion Ratio Lower Upper
164 100
166 116.0 103.4 155.2
129 103.3 83.5 125.3
131 105.5 83.4 125.0





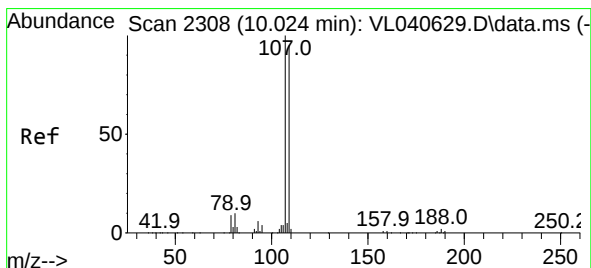
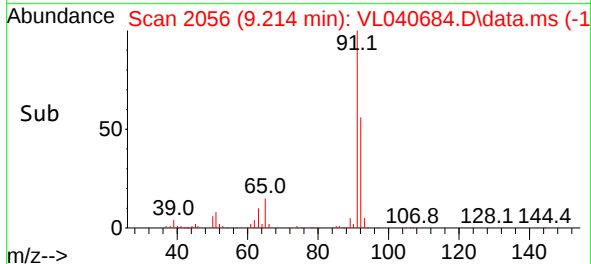
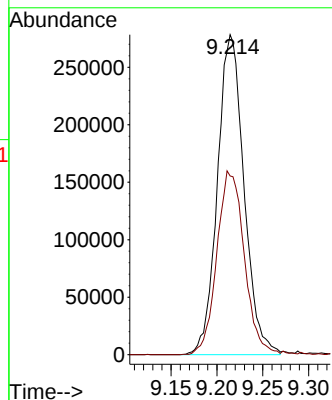
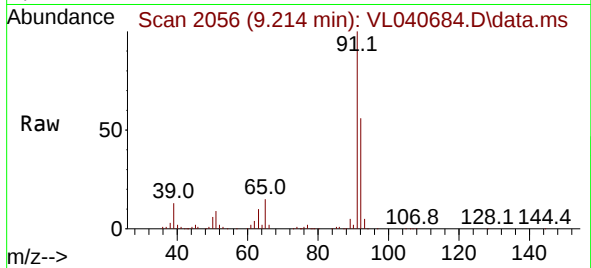
#53
Toluene
Concen: 1.989 ppbv
RT: 9.214 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 561524
Ion Ratio Lower Upper
91 100
92 59.7 48.5 72.7

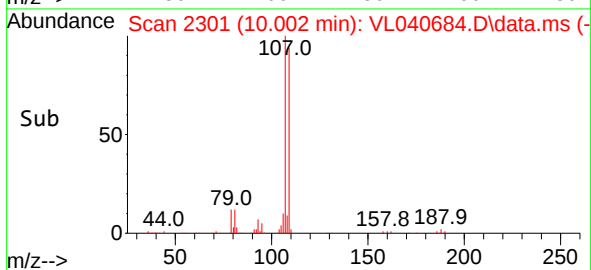
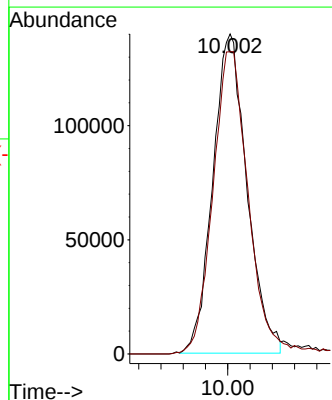
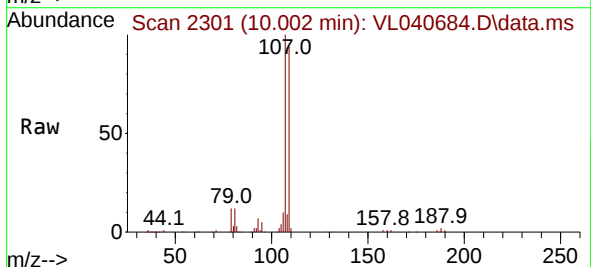
Manual Integrations
APPROVED

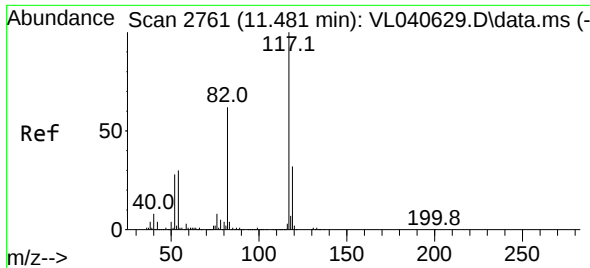
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#54
1,2-Dibromoethane
Concen: 2.045 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

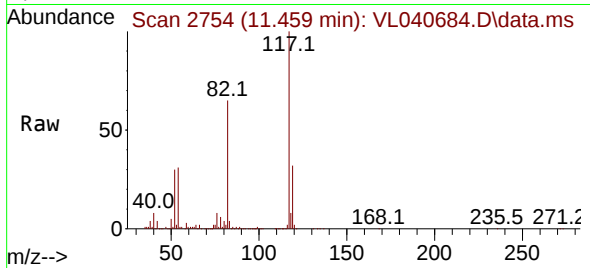
Tgt Ion:107 Resp: 297358
Ion Ratio Lower Upper
107 100
109 94.2 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 2754
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

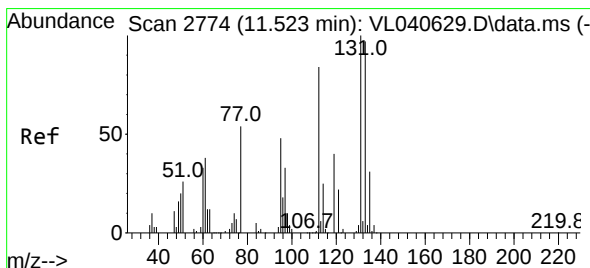
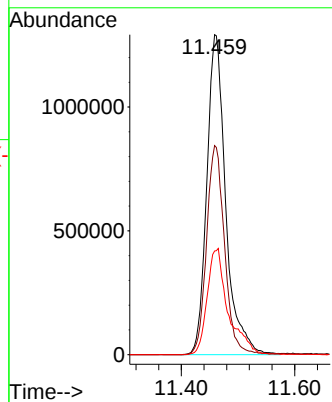
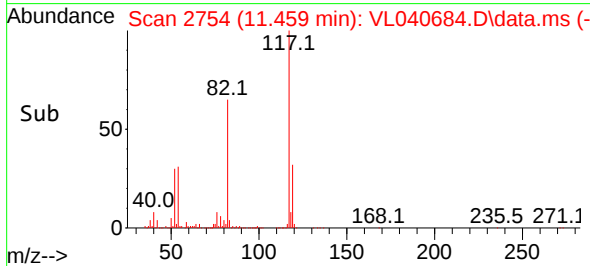
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion:117 Resp: 299622
Ion Ratio Lower Upper
117 100
82 62.6 51.4 77.0
119 37.0 24.7 37.1

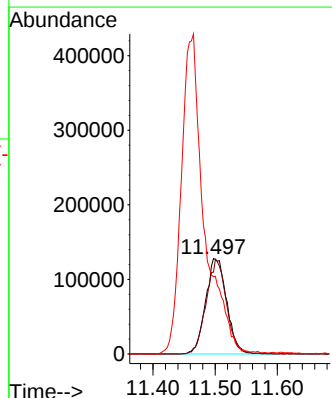
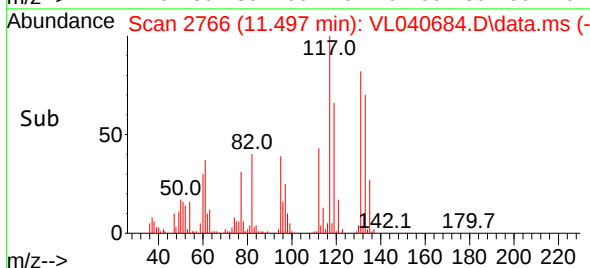
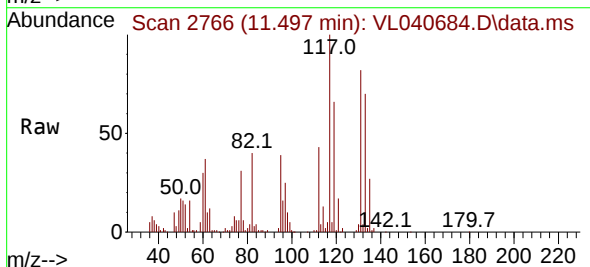
Manual Integrations
APPROVED

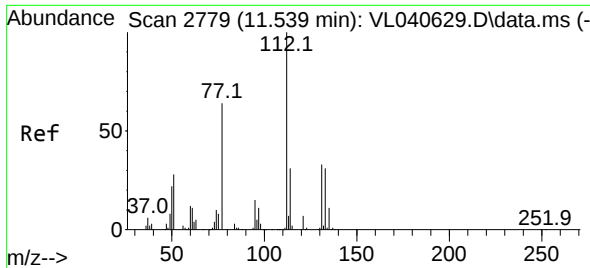
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 2.165 ppbv m
RT: 11.497 min Scan# 2766
Delta R.T. -0.009 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

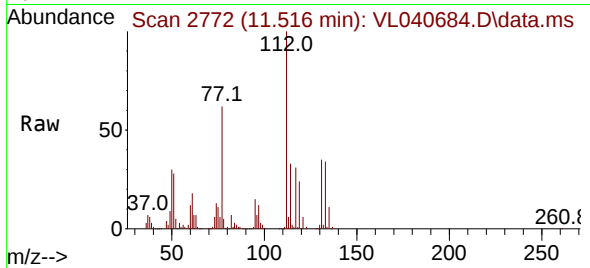
Tgt Ion:131 Resp: 300179
Ion Ratio Lower Upper
131 100
133 0.0 76.2 114.2#
119 0.0 45.5 68.3#





#57
Chlorobenzene
Concen: 2.070 ppbv
RT: 11.516 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

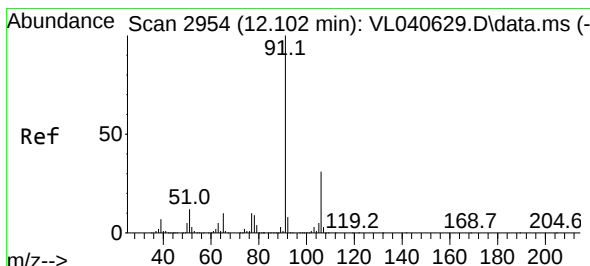
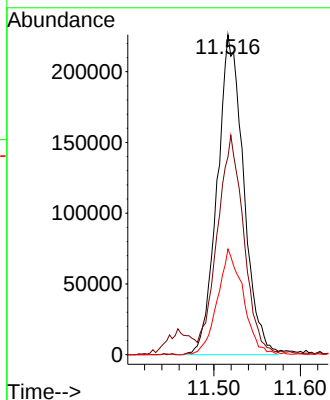
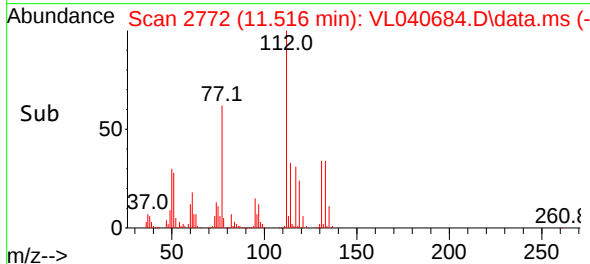
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



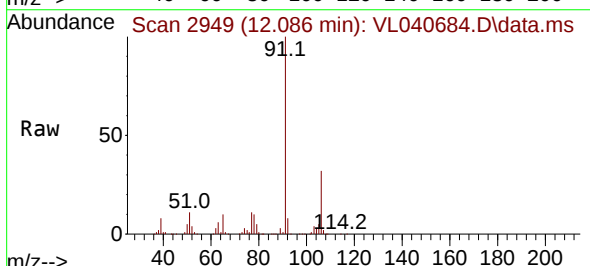
Tgt Ion:112 Resp: 478729
Ion Ratio Lower Upper
112 100
77 60.6 50.8 76.2
114 33.0 28.2 34.4

Manual Integrations
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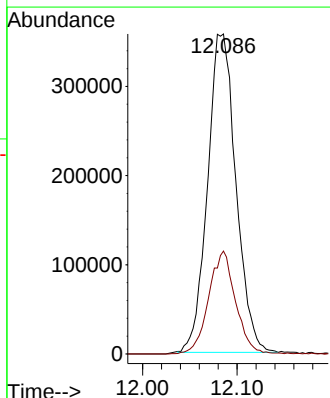
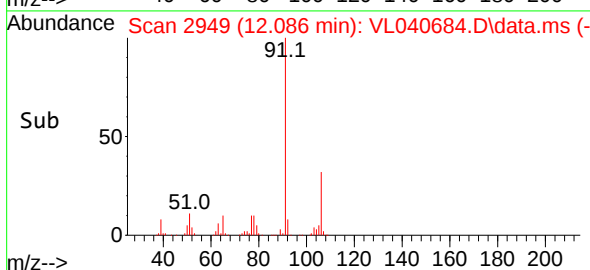
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

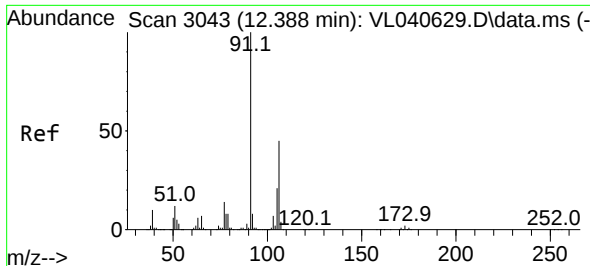


#58
Ethyl Benzene
Concen: 2.063 ppbv
RT: 12.086 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



Tgt Ion: 91 Resp: 745405
Ion Ratio Lower Upper
91 100
106 32.2 24.7 37.1





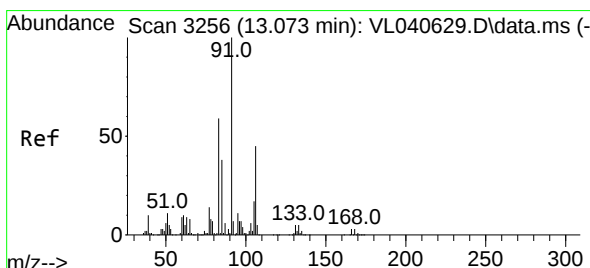
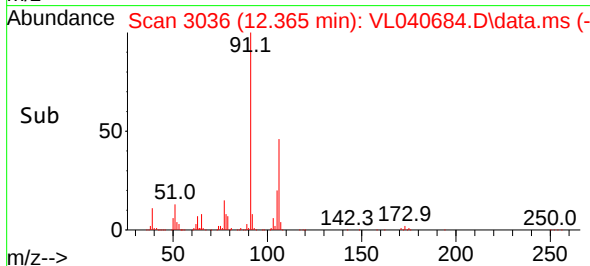
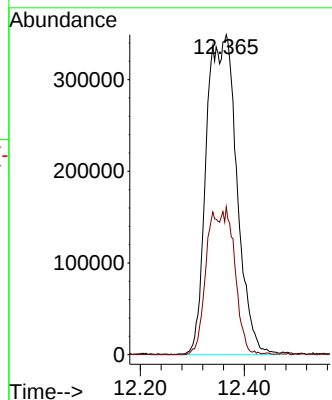
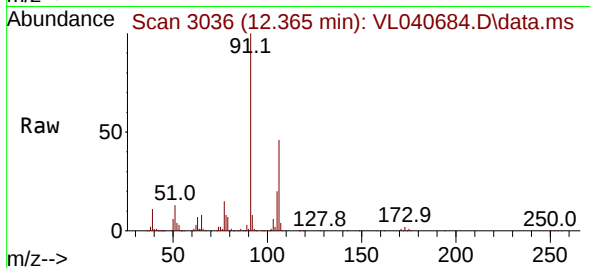
#59
m/p-Xylene
Concen: 4.289 ppbv m
RT: 12.365 min Scan# 3043
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 141370
Ion Ratio Lower Upper
91 100
106 42.2 34.8 52.2

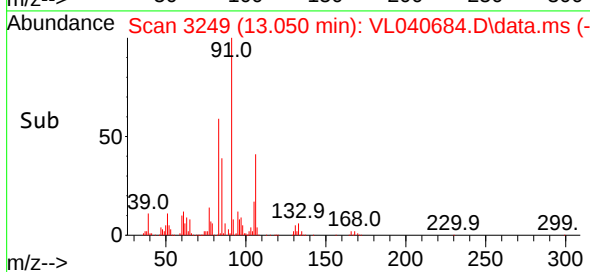
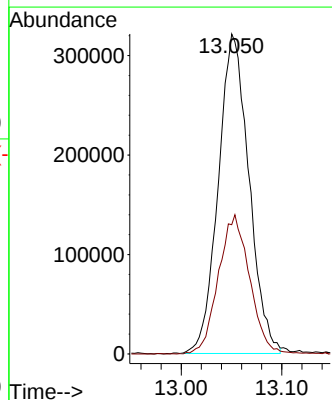
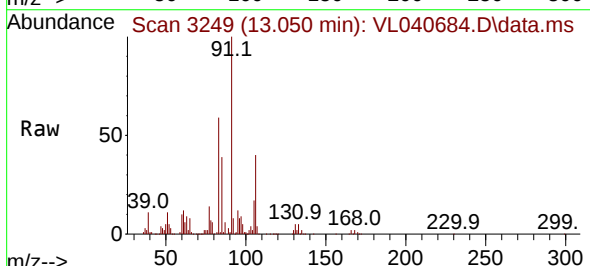
Manual Integrations
APPROVED

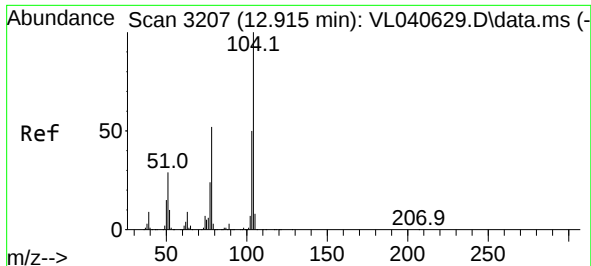
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#60
o-Xylene
Concen: 2.176 ppbv
RT: 13.050 min Scan# 3249
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

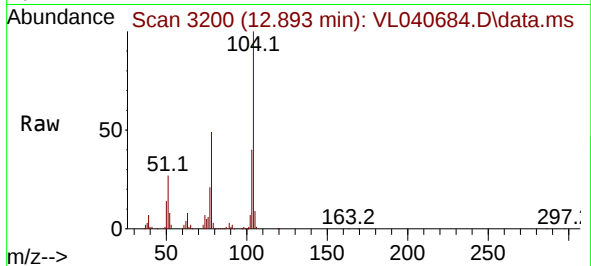
Tgt Ion: 91 Resp: 679808
Ion Ratio Lower Upper
91 100
106 44.6 22.3 66.9





#61
Styrene
Concen: 2.029 ppbv
RT: 12.893 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

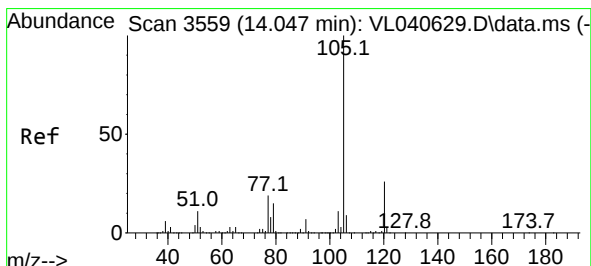
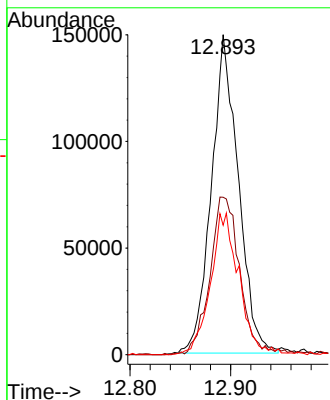
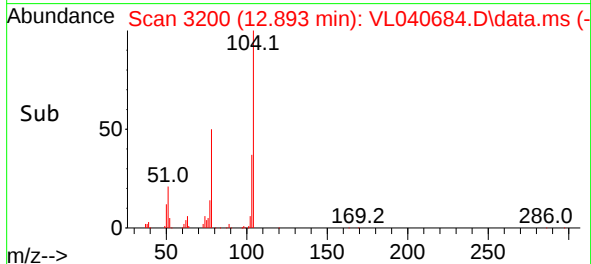
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



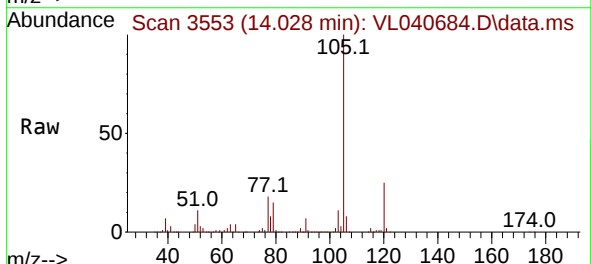
Tgt Ion:104 Resp: 277660
Ion Ratio Lower Upper
104 100
78 56.1 43.4 65.0
103 47.7 37.2 55.8

Manual Integrations
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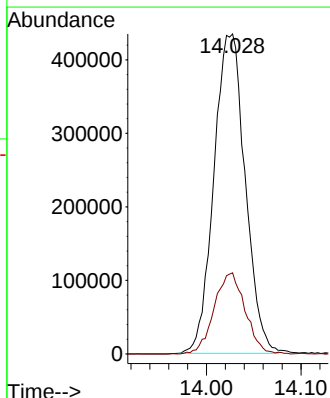
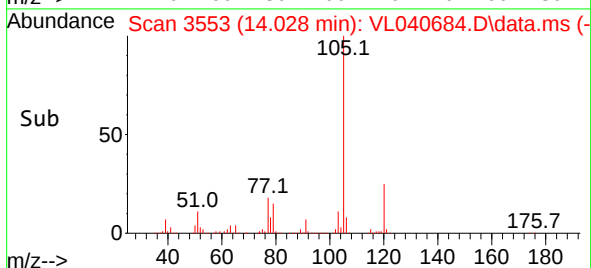
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

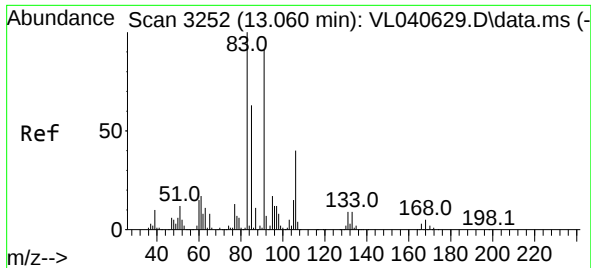


#62
Isopropylbenzene
Concen: 2.113 ppbv
RT: 14.028 min Scan# 3553
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



Tgt Ion:105 Resp: 998828
Ion Ratio Lower Upper
105 100
120 25.3 20.2 30.4





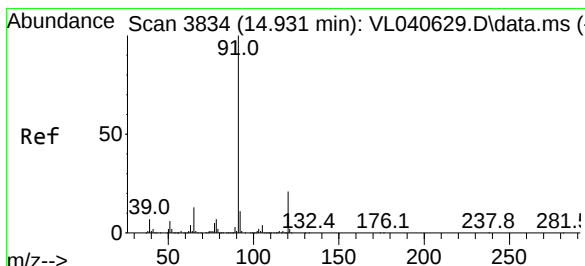
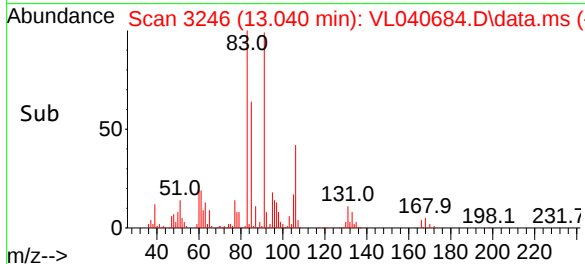
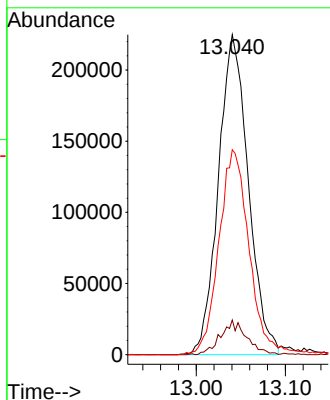
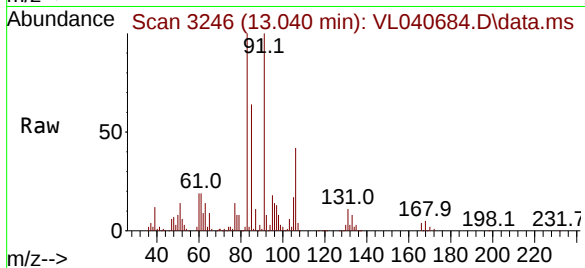
#63
1,1,2,2-Tetrachloroethane
Concen: 2.241 ppbv
RT: 13.040 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 52423
Ion Ratio Lower Upper
83 100
131 9.5 4.7 14.1
85 65.4 33.1 99.3

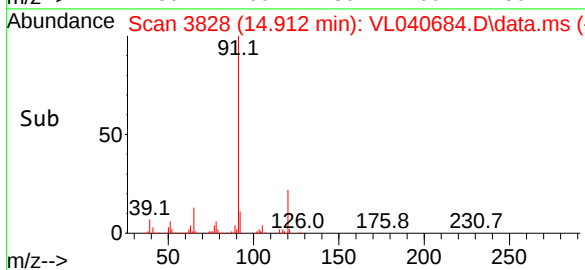
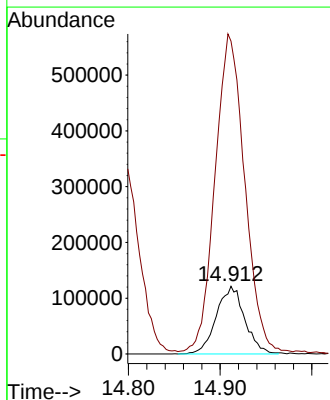
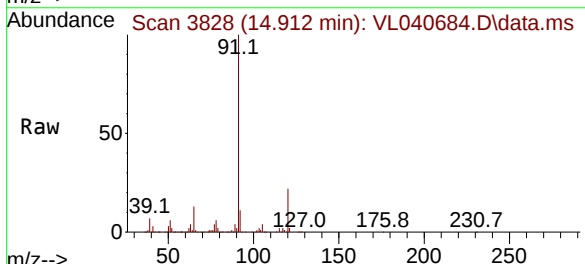
Manual Integrations
APPROVED

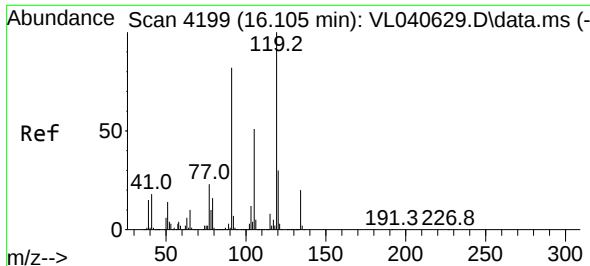
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#64
n-propylbenzene
Concen: 2.174 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Tgt Ion:120 Resp: 259764
Ion Ratio Lower Upper
120 100
91 502.4 386.9 580.3





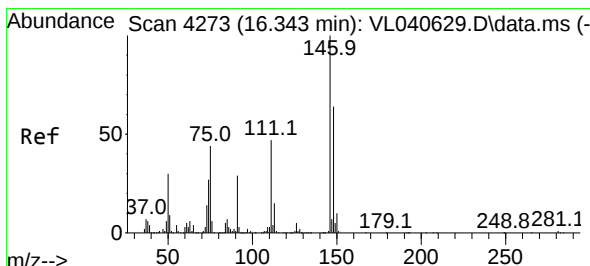
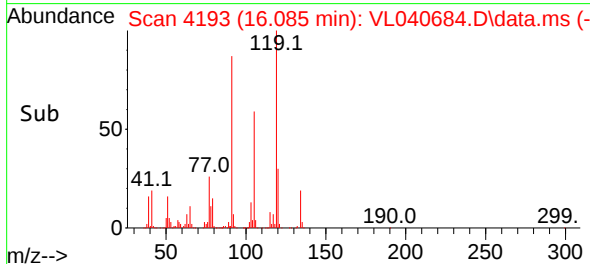
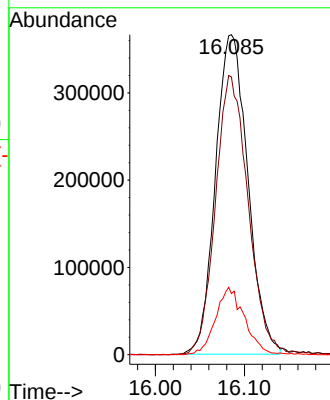
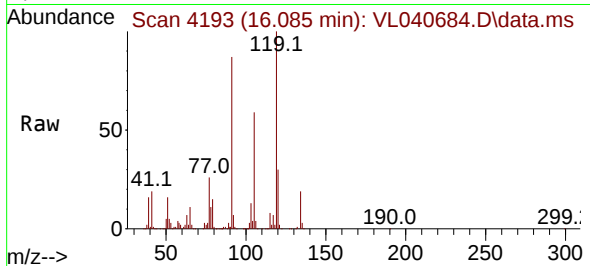
#65
tert-Butylbenzene
Concen: 2.253 ppbv
RT: 16.085 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 119 Resp: 92317
Ion Ratio Lower Upper
119 100
91 88.5 69.8 104.8
134 19.0 15.4 23.2

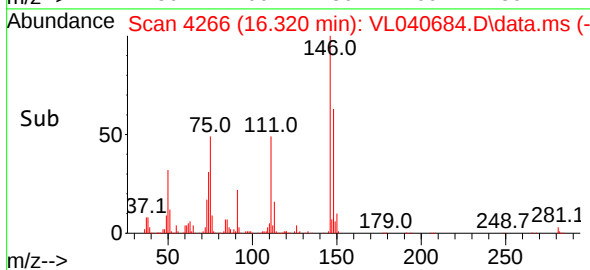
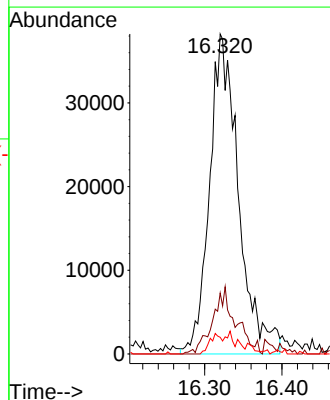
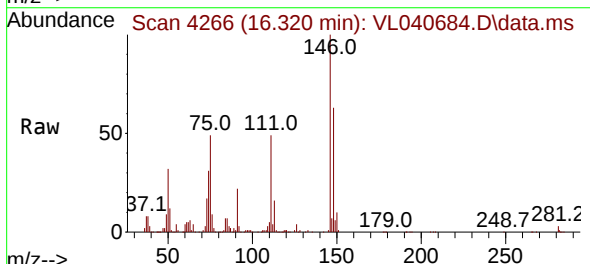
Manual Integrations
APPROVED

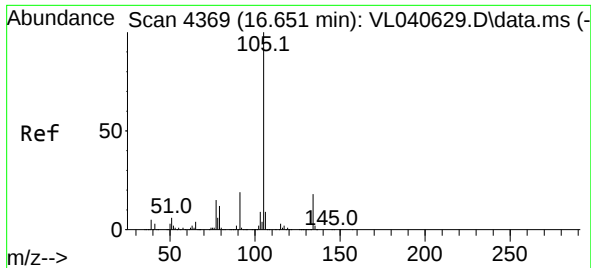
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#66
Benzyl Chloride
Concen: 1.932 ppbv m
RT: 16.320 min Scan# 4266
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

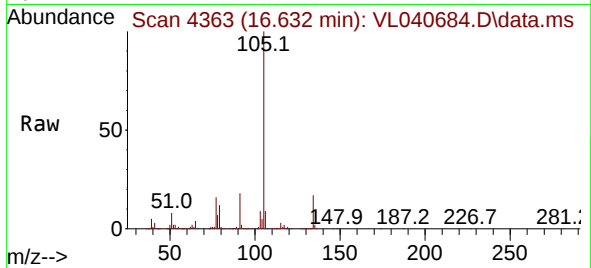
Tgt Ion: 91 Resp: 99529
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 0.0 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 2.205 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27

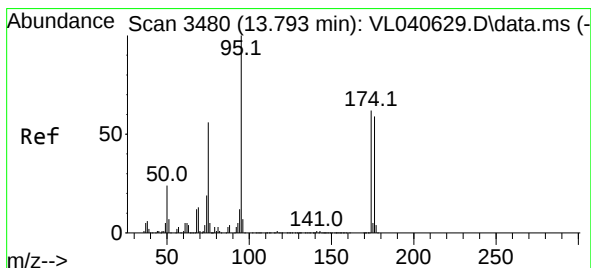
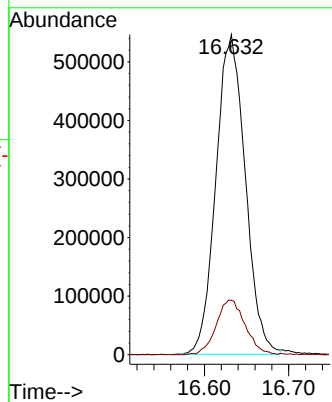
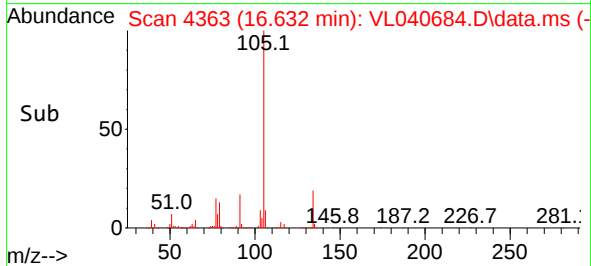
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



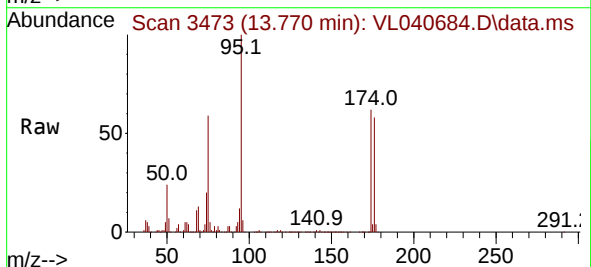
Tgt Ion: 105 Resp: 131790
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1

Manual Integrations
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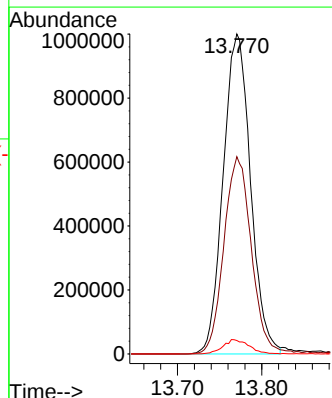
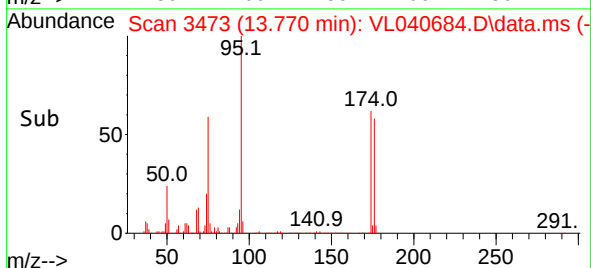
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

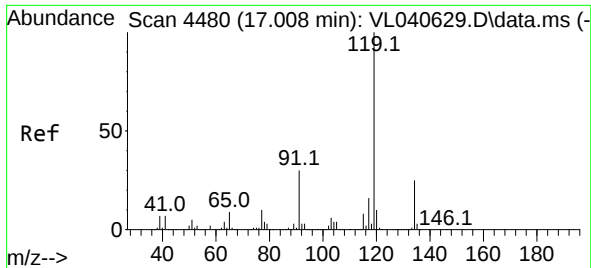


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.469 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL040684.D
 Acq: 14 Sep 2023 14:27



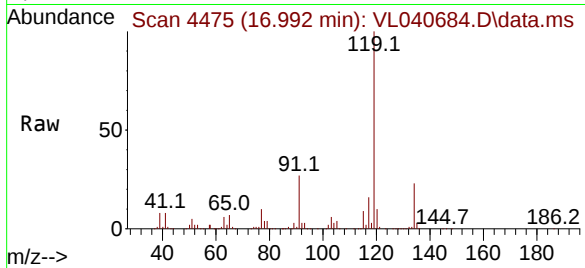
Tgt Ion: 95 Resp: 2256257
 Ion Ratio Lower Upper
 95 100
 174 62.3 48.9 73.3
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 2.255 ppbv
RT: 16.992 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

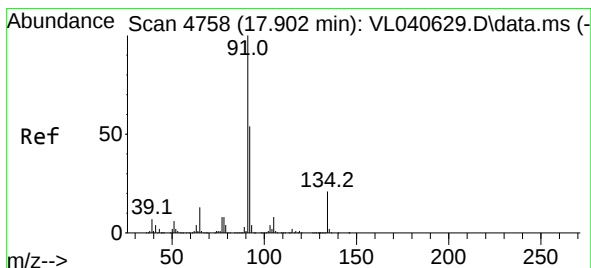
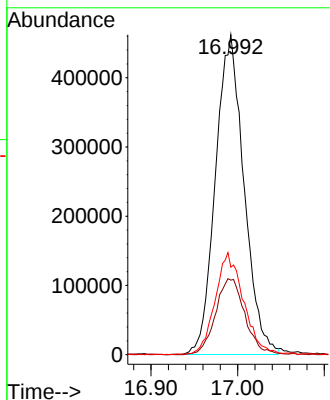
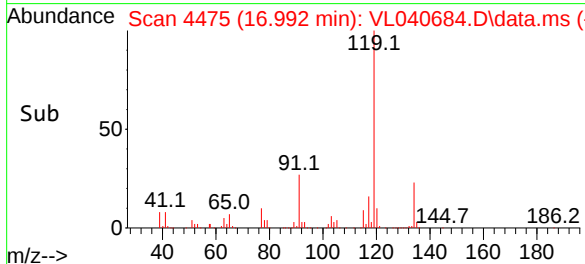
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 119 Resp: 1054794
Ion Ratio Lower Upper
119 100
134 24.7 20.2 30.2
91 31.9 25.0 37.6

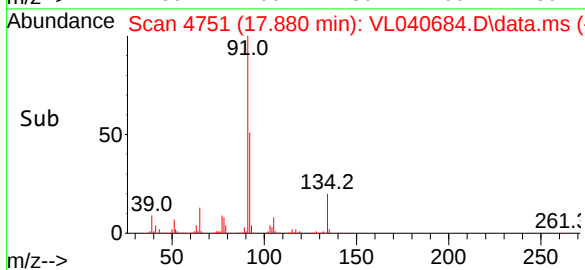
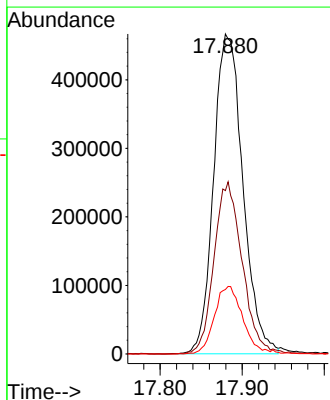
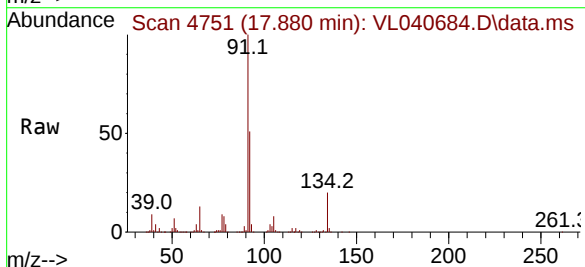
Manual Integrations
APPROVED

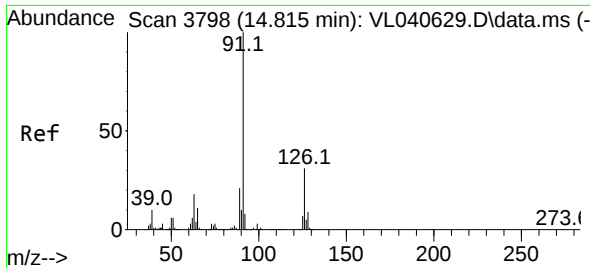
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#70
n-Butylbenzene
Concen: 2.265 ppbv
RT: 17.880 min Scan# 4751
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Tgt Ion: 91 Resp: 1156906
Ion Ratio Lower Upper
91 100
92 52.3 42.7 64.1
134 20.7 17.0 25.4





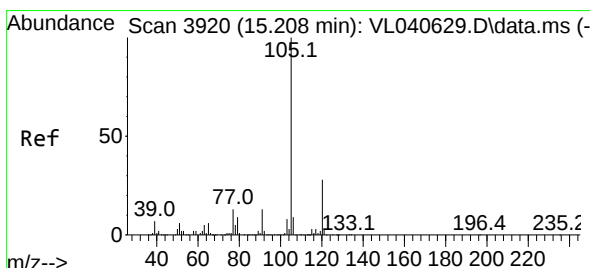
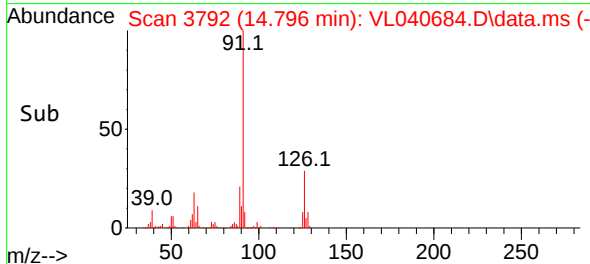
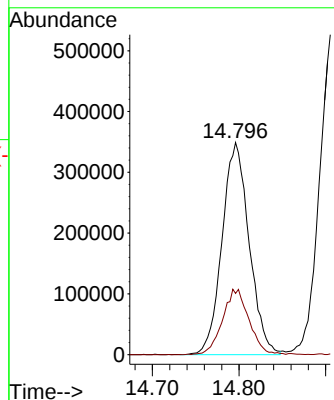
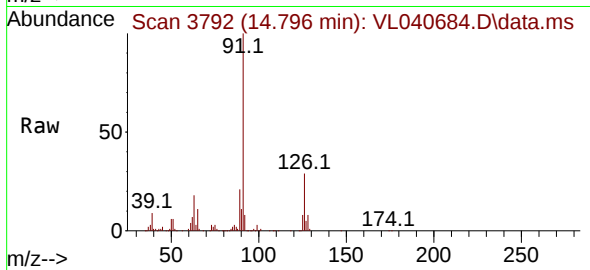
#71
2-Chlorotoluene
Concen: 2.161 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 91 Resp: 75796
Ion Ratio Lower Upper
91 100
126 30.4 12.0 47.8

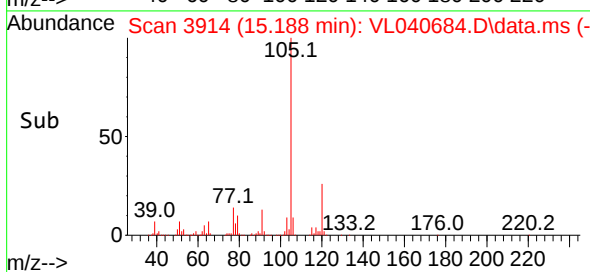
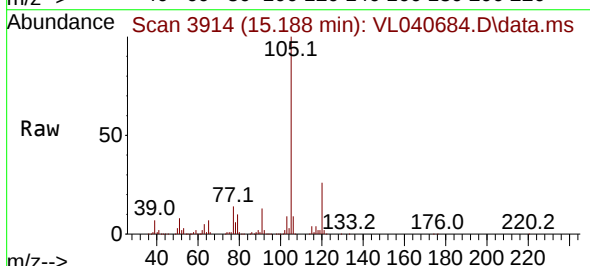
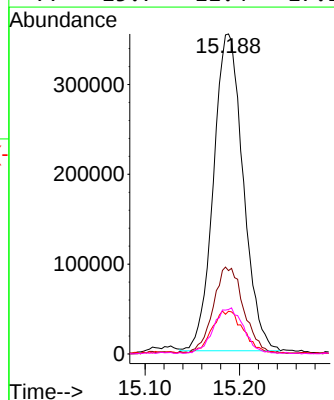
Manual Integrations
APPROVED

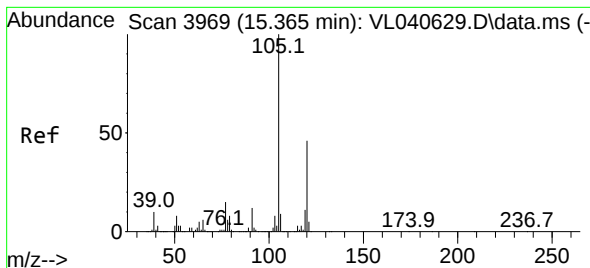
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#72
4-Ethyltoluene
Concen: 2.179 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Tgt Ion:105 Resp: 768401
Ion Ratio Lower Upper
105 100
120 28.7 23.9 35.9
91 14.4 11.0 16.4
77 15.7 11.4 17.2





#73

1,3,5-Trimethylbenzene

Concen: 2.200 ppbv

RT: 15.349 min Scan# 3969

Delta R.T. 0.003 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 693408

Ion Ratio Lower Upper

105 100

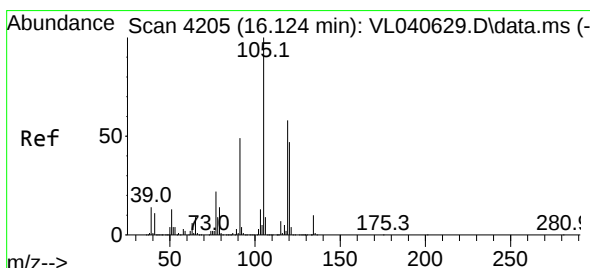
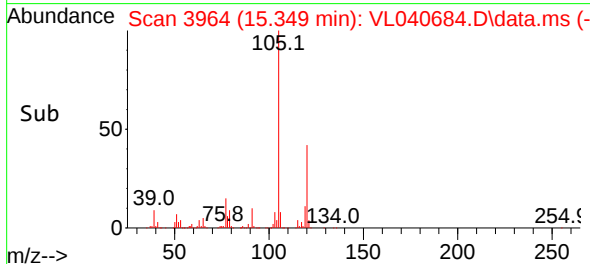
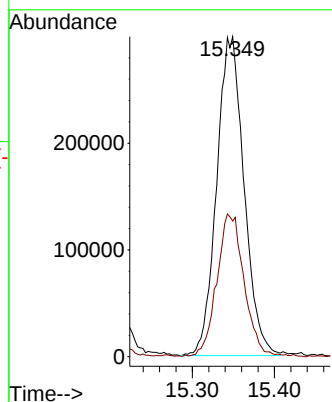
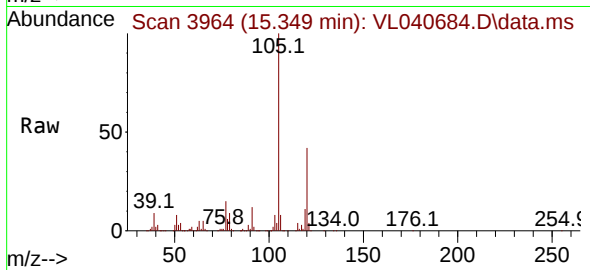
120 42.3 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 2.210 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL040684.D

Acq: 14 Sep 2023 14:27

Tgt Ion:105 Resp: 813789

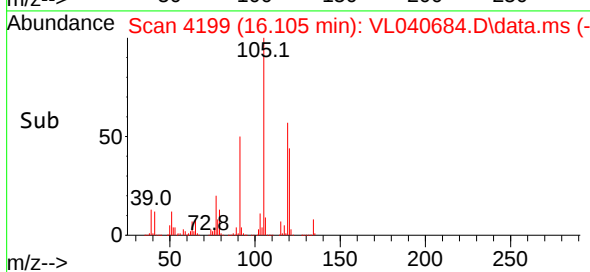
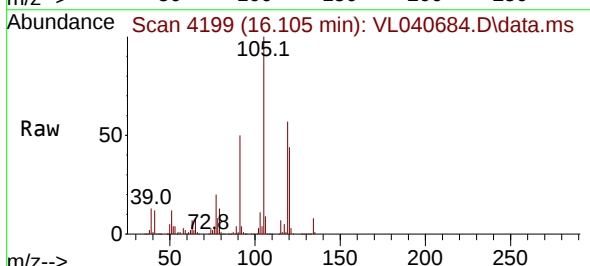
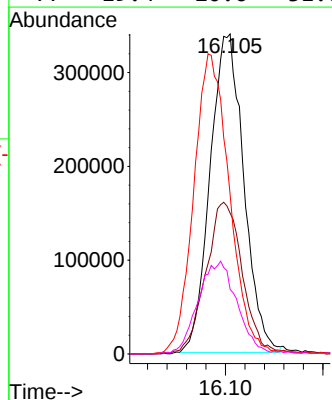
Ion Ratio Lower Upper

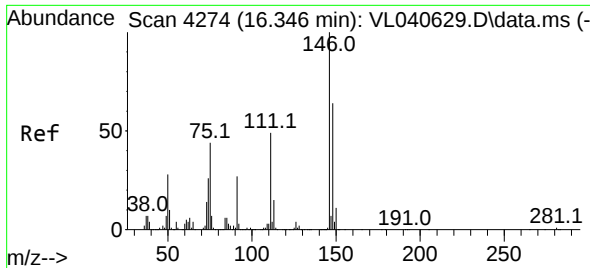
105 100

120 43.3 38.6 57.8

91 49.0 50.0 75.0#

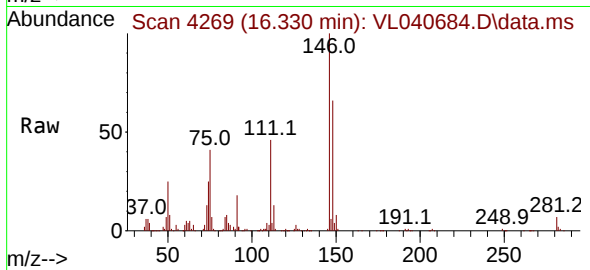
77 19.4 20.6 31.0#





#75
1,3-Dichlorobenzene
Concen: 2.169 ppbv
RT: 16.330 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

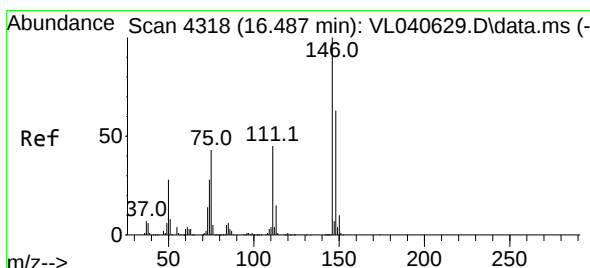
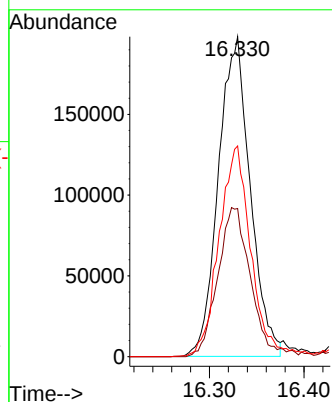
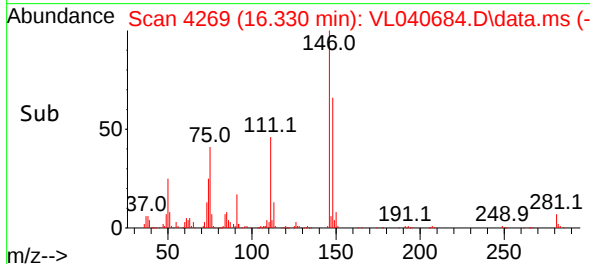
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:146 Resp: 46167
Ion Ratio Lower Upper
146 100
111 48.6 23.9 71.7
148 66.3 31.8 95.4

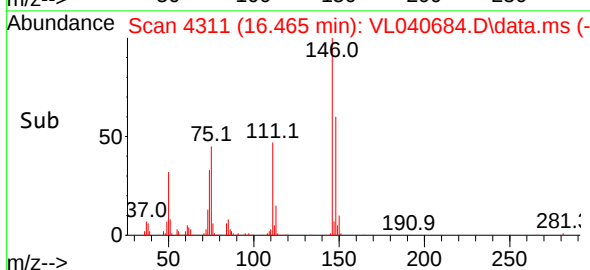
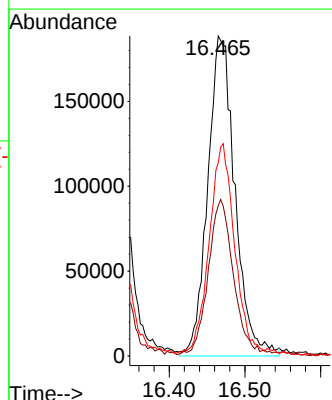
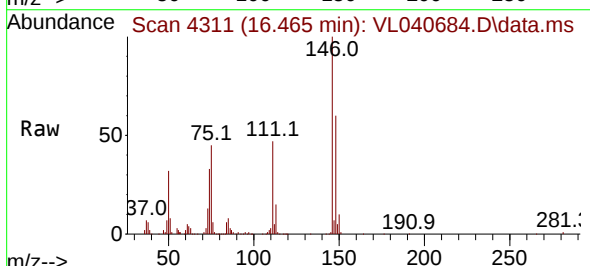
Manual Integrations
APPROVED

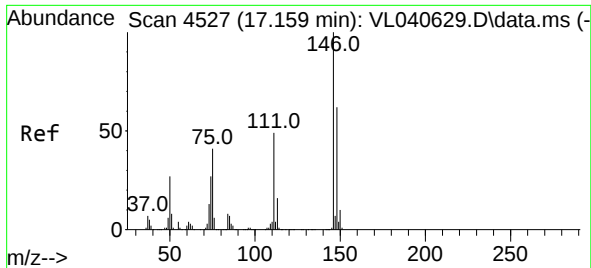
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#76
1,4-Dichlorobenzene
Concen: 2.261 ppbv m
RT: 16.465 min Scan# 4311
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

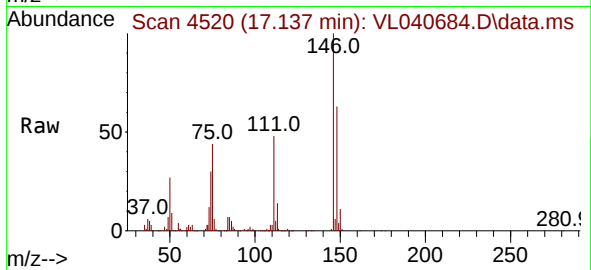
Tgt Ion:146 Resp: 470447
Ion Ratio Lower Upper
146 100
111 45.5 23.8 71.2
148 64.8 32.6 97.7





#77
1,2-Dichlorobenzene
Concen: 2.126 ppbv
RT: 17.137 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

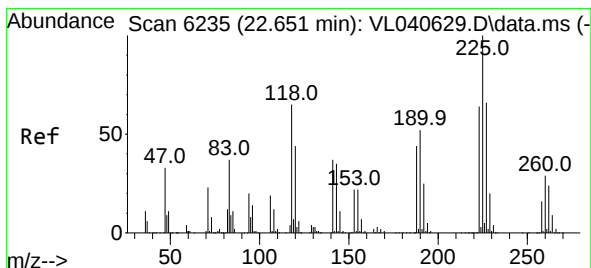
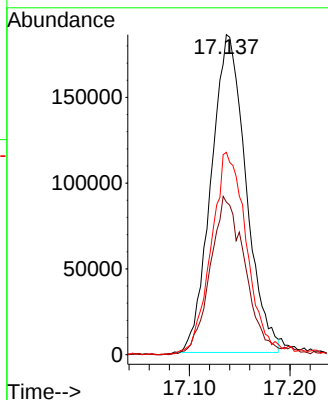
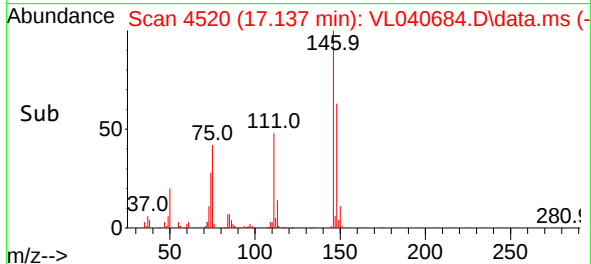
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



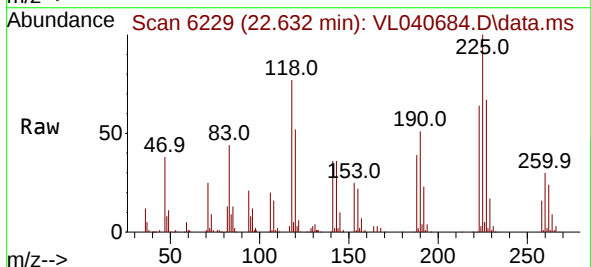
Tgt Ion:146 Resp: 445230
Ion Ratio Lower Upper
146 100
111 51.5 25.0 75.0
148 66.7 32.4 97.0

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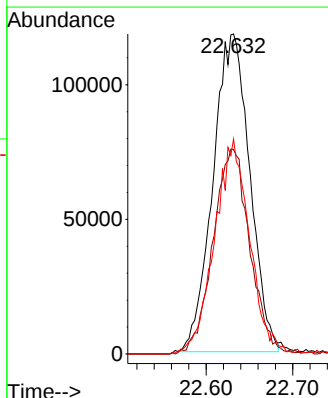
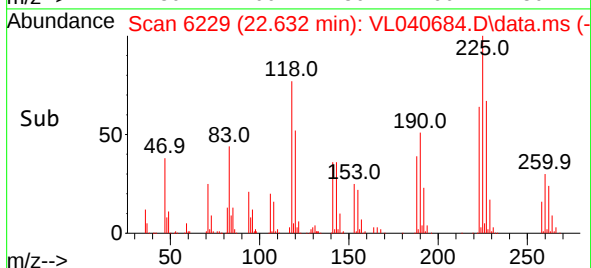
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

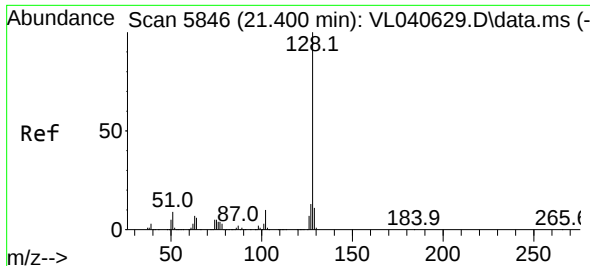


#78
Hexachloro-1,3-Butadiene
Concen: 2.195 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27



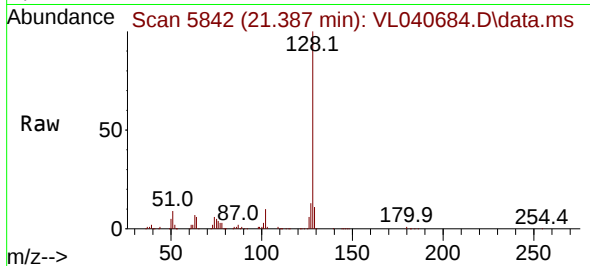
Tgt Ion:225 Resp: 348710
Ion Ratio Lower Upper
225 100
223 64.4 51.2 76.8
227 65.0 50.7 76.1





#79
Naphthalene
Concen: 2.470 ppbv
RT: 21.387 min Scan# 5846
Delta R.T. 0.010 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

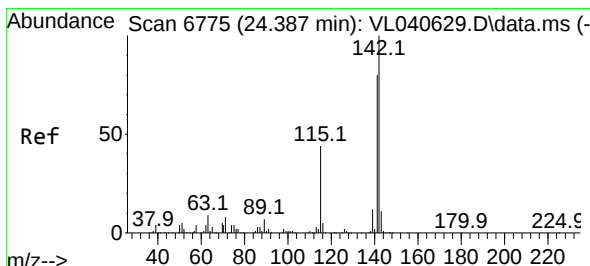
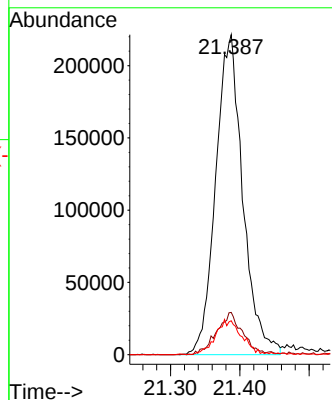
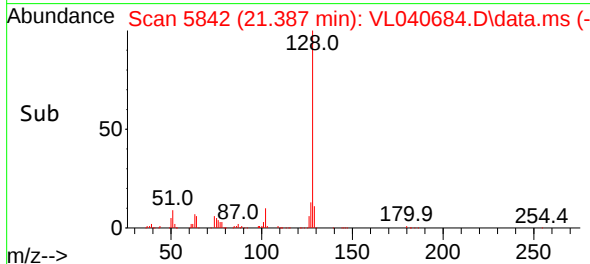
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:128 Resp: 600424
Ion Ratio Lower Upper
128 100
127 13.2 9.8 14.6
129 10.3 8.4 12.6

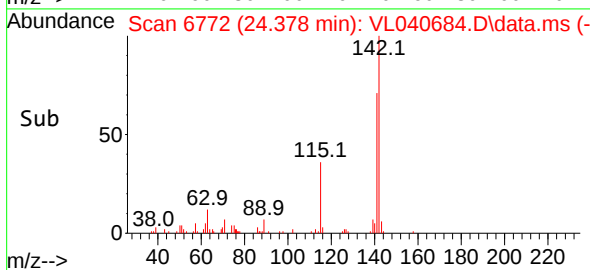
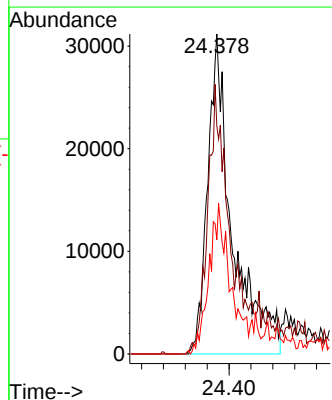
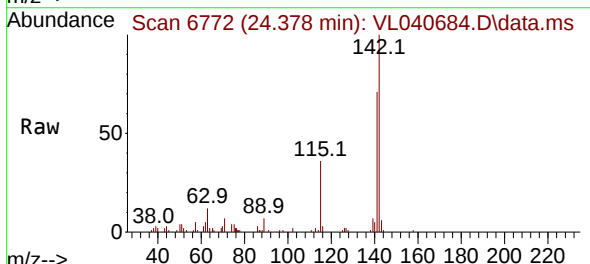
Manual Integrations
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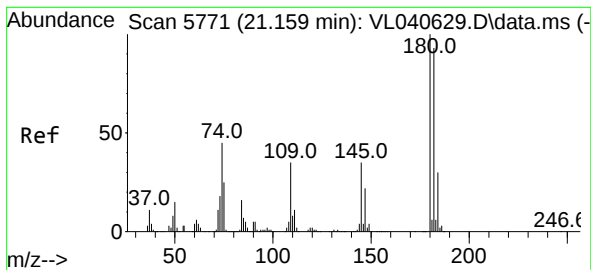
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#80
Naphthalene,2-methyl-
Concen: 1.400 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. 0.003 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

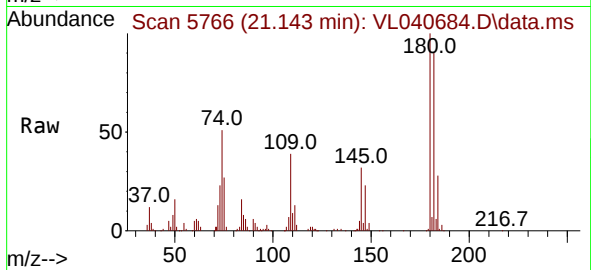
Tgt Ion:142 Resp: 97969
Ion Ratio Lower Upper
142 100
141 73.4 67.0 100.6
115 45.8 37.4 56.2





#81
1,2,4-Trichlorobenzene
Concen: 2.092 ppbv m
RT: 21.143 min Scan# 51
Delta R.T. 0.007 min
Lab File: VL040684.D
Acq: 14 Sep 2023 14:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:180 Resp: 334738
Ion Ratio Lower Upper
180 100
182 96.4 77.9 116.9
184 0.0 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

