

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040682.D
 Acq On : 14 Sep 2023 13:08
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

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

Quant Time: Sep 14 13:55:15 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 : Wed Aug 16 05:43:50 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	993651	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2709395	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2310771	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1928099 10.492 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	136482	0.638	ppbv	97
3) Chlorodifluoromethane	2.668	51	98323	0.603	ppbv	97
4) Chloromethane	2.806	50	35771	0.562	ppbv #	80
5) Vinyl Chloride	2.912	62	36000	0.533	ppbv	91
6) Bromomethane	3.115	94	21568	0.609	ppbv #	73
7) Chloroethane	3.186	64	14883	0.604	ppbv #	81
8) Dichlorotetrafluoroethane	2.848	85	108288	0.625	ppbv	96
9) Propene	2.687	41	19289	0.382	ppbv #	78
10) Heptane	7.571	43	41962	0.360	ppbv	86
11) Trichlorofluoromethane	3.552	101	117922	0.682	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	89029	0.694	ppbv	100
13) Ethanol	3.247	45	8212m	0.582	ppbv	
14) Bromoethene	3.359	108	29756	0.571	ppbv #	85
15) Acetone	3.472	43	76833	0.632	ppbv	93
16) 1,3-Butadiene	2.973	39	28392	0.470	ppbv	90
17) tert-Butyl alcohol	3.890	59	62656	0.486	ppbv #	92
18) 1,1-Dichloroethene	3.867	96	35993	0.619	ppbv	84
19) Isopropyl Alcohol	3.581	45	33111	0.430	ppbv #	81
20) Methylene Chloride	3.925	84	50550	0.851	ppbv	92
21) Allyl Chloride	3.986	41	42030	0.523	ppbv #	84
22) trans-1,2-Dichloroethene	4.439	96	34335	0.602	ppbv	86
23) Vinyl Acetate	4.623	43	62657	0.452	ppbv #	90
24) 1,1-Dichloroethane	4.555	63	74747	0.631	ppbv #	97
25) Ethyl Acetate	5.205	43	104843	0.459	ppbv	97
26) Hexane	5.205	57	45299	0.410	ppbv #	77
27) Carbon Disulfide	4.118	76	68770	0.523	ppbv #	80
28) Methyl tert-Butyl Ether	4.591	73	48290	0.566	ppbv	98
29) Chloroform	5.263	83	96475	0.552	ppbv	96
30) Cyclohexane	6.587	84	40741m	0.482	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	41319	0.415	ppbv	88
32) 1,1,1-Trichloroethane	5.992	97	96071	0.574	ppbv	97
34) 2-Butanone	4.793	43	63766	0.467	ppbv	100
35) Carbon Tetrachloride	6.484	117	96542	0.569	ppbv	93
36) Benzene	6.362	78	83907	0.389	ppbv	95
37) 1,2-Dichloroethane	5.796	62	66100	0.508	ppbv	100
38) Trichloroethene	7.285	130	37192m	0.446	ppbv	
39) 1,2-Dichloropropane	7.070	63	36626m	0.447	ppbv	
40) 1,4-Dioxane	7.311	88	11937m	0.384	ppbv	
41) Tetrahydrofuran	5.574	42	25872m	0.335	ppbv	
42) Bromodichloromethane	7.237	83	90658	0.501	ppbv	96
43) Methyl Methacrylate	7.481	69	25646m	0.318	ppbv	
44) 2,2,4-Trimethylpentane	7.320	57	133201	0.382	ppbv #	82
45) t-1,3-Dichloropropene	8.703	75	19746m	0.306	ppbv	

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

Quant Time: Sep 14 13:55:15 2023

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

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

QLast Update : Wed Aug 16 05:43:50 2023

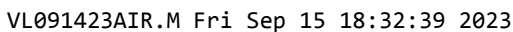
Response via : Initial Calibration

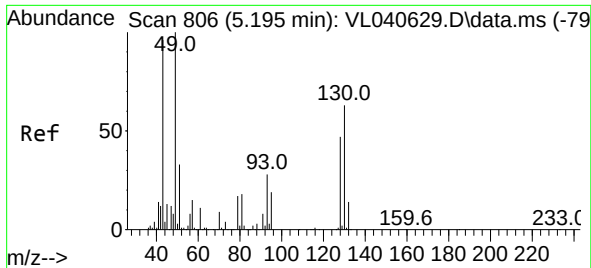
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	26020m	0.331	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	40309	0.435	ppbv #	85
48) Dibromochloromethane	9.706	129	67828	0.468	ppbv	99
49) Bromoform	12.397	173	51749m	0.446	ppbv	
50) 4-Methyl-2-Pentanone	8.192	43	73780m	0.370	ppbv	
51) 2-Hexanone	9.568	43	45899m	0.326	ppbv	
52) Tetrachloroethene	10.610	164	28588m	0.424	ppbv	
53) Toluene	9.214	91	71923m	0.314	ppbv	
54) 1,2-Dibromoethane	9.999	107	49349m	0.418	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.503	131	62399m	0.584	ppbv	
57) Chlorobenzene	11.516	112	97315m	0.546	ppbv	
58) Ethyl Benzene	12.082	91	92184	0.331	ppbv	100
59) m/p-Xylene	12.365	91	203029m	0.799	ppbv	
60) o-Xylene	13.056	91	94973m	0.394	ppbv	
61) Styrene	12.899	104	28137m	0.267	ppbv	
62) Isopropylbenzene	14.021	105	165219m	0.453	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	101969	0.565	ppbv	97
64) n-propylbenzene	14.918	120	36018m	0.391	ppbv	
65) tert-Butylbenzene	16.089	119	133112	0.421	ppbv	86
66) Benzyl Chloride	16.333	91	17030m	0.429	ppbv	
67) sec-Butylbenzene	16.625	105	210005m	0.455	ppbv	
69) p-Isopropyltoluene	16.992	119	146613	0.406	ppbv #	93
70) n-Butylbenzene	17.886	91	156389	0.397	ppbv	96
71) 2-Chlorotoluene	14.796	91	103929	0.384	ppbv	96
72) 4-Ethyltoluene	15.198	105	101856m	0.375	ppbv	
73) 1,3,5-Trimethylbenzene	15.349	105	104467m	0.430	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	140679m	0.495	ppbv	
75) 1,3-Dichlorobenzene	16.320	146	82009m	0.500	ppbv	
76) 1,4-Dichlorobenzene	16.468	146	78716m	0.490	ppbv	
77) 1,2-Dichlorobenzene	17.133	146	88245m	0.546	ppbv	
78) Hexachloro-1,3-Butadiene	22.625	225	67598m	0.552	ppbv	
79) Naphthalene	21.384	128	65051m	0.347	ppbv	
80) Naphthalene,2-methyl-	24.371	142	10488m	0.194	ppbv	
81) 1,2,4-Trichlorobenzene	21.130	180	45413m	0.368	ppbv	

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

Manual Integrations

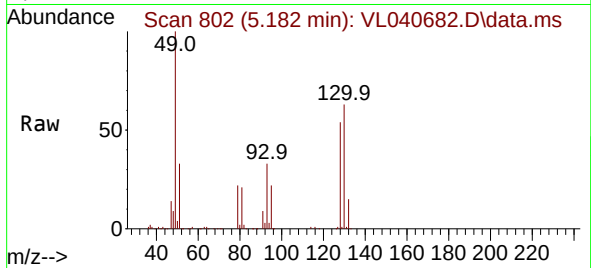
Quant Time: Sep 14 13:55:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Aug 16 05:43:50 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

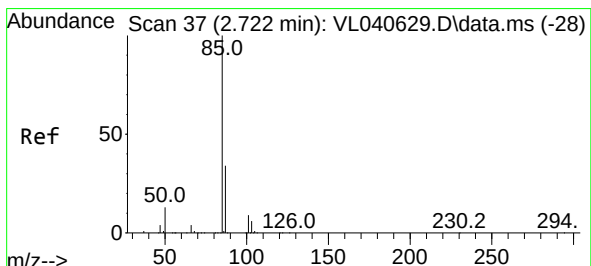
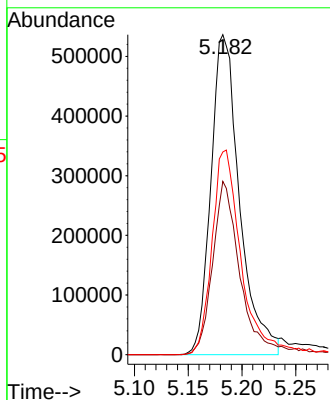
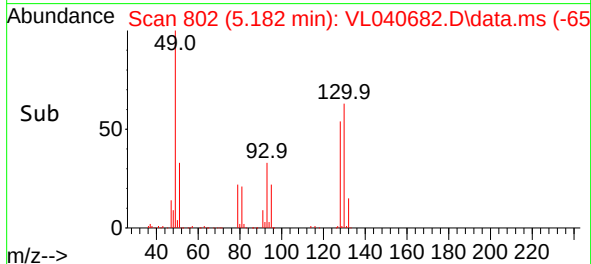
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



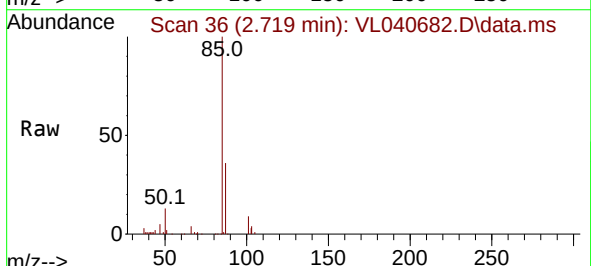
Tgt Ion: 49 Resp: 99365
Ion Ratio Lower Upper
49 100
128 53.5 24.9 74.7
130 67.2 32.2 96.6

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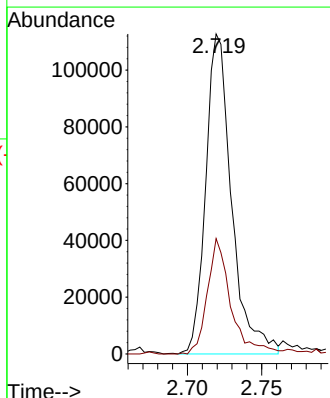
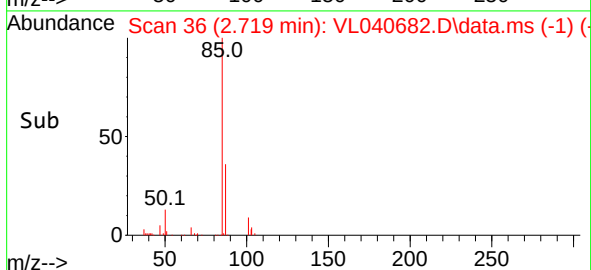
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

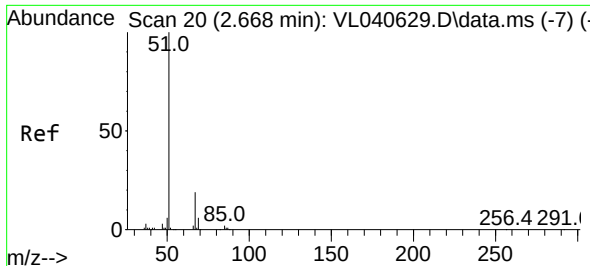


#2
Dichlorodifluoromethane
Concen: 0.638 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08



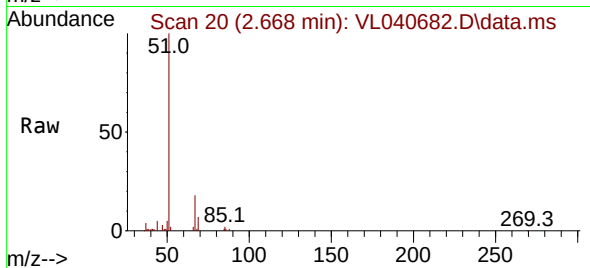
Tgt Ion: 85 Resp: 136482
Ion Ratio Lower Upper
85 100
87 36.1 27.5 41.3





#3
Chlorodifluoromethane
Concen: 0.603 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

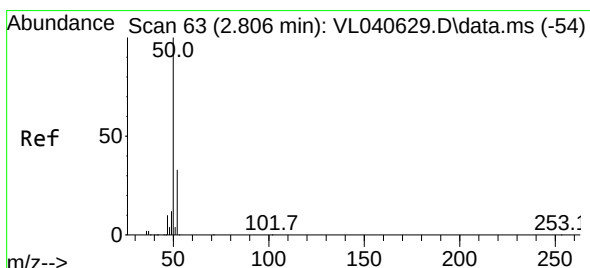
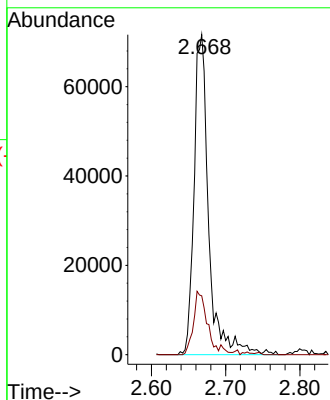
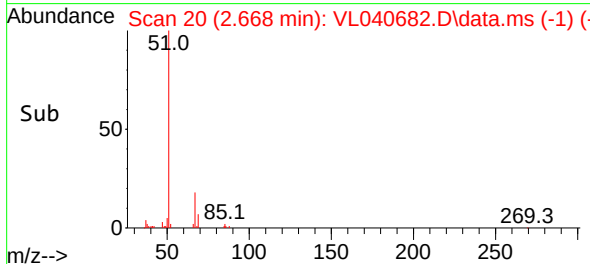
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 9832
Ion Ratio Lower Upper
51 100
67 20.3 15.0 22.6

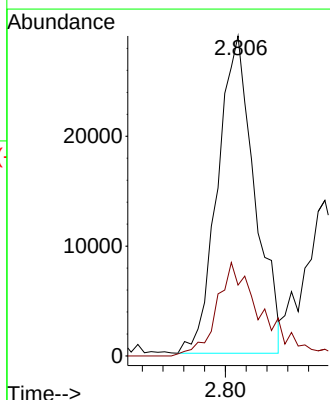
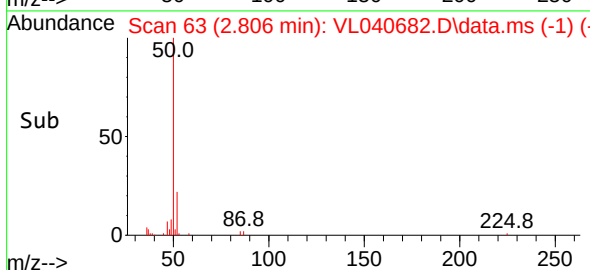
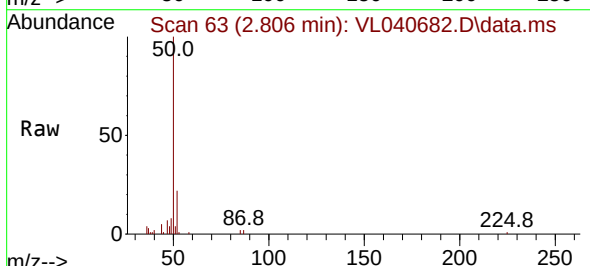
Manual Integrations
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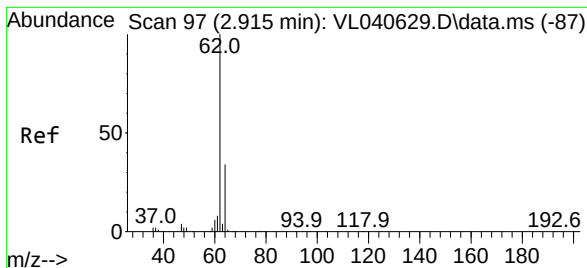
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#4
Chloromethane
Concen: 0.562 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

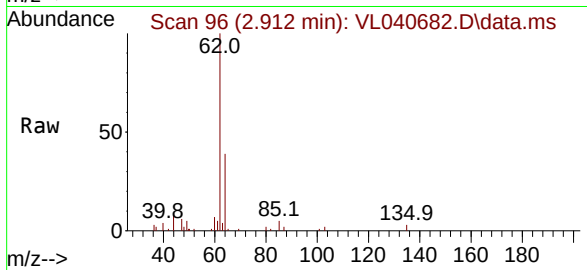
Tgt Ion: 50 Resp: 35771
Ion Ratio Lower Upper
50 100
52 21.7 26.2 39.2#





#5
 Vinyl Chloride
 Concen: 0.533 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

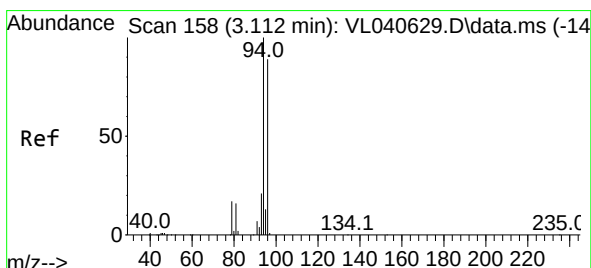
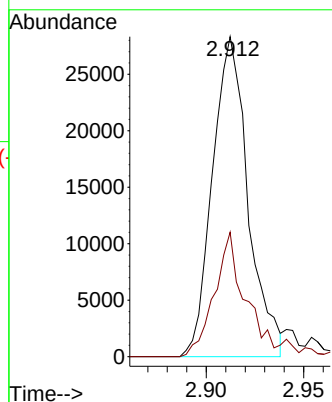
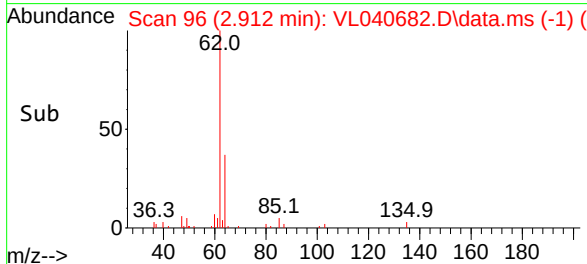
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 36000
 Ion Ratio Lower Upper
 62 100
 64 38.9 27.0 40.6

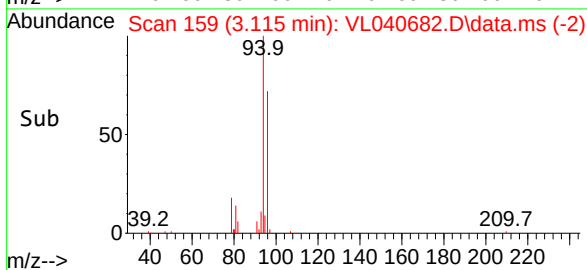
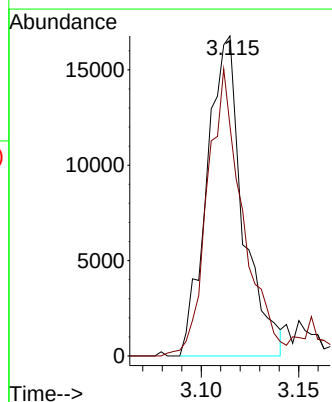
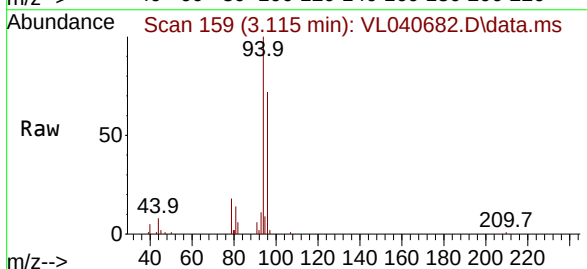
Manual Integrations
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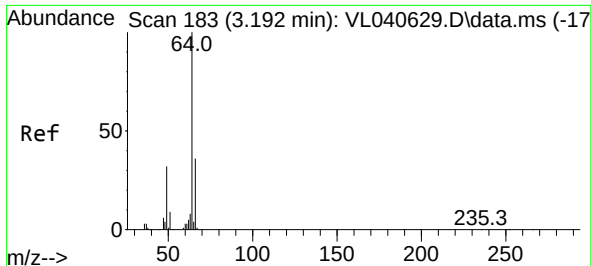
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#6
 Bromomethane
 Concen: 0.609 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion: 94 Resp: 21568
 Ion Ratio Lower Upper
 94 100
 96 64.4 71.5 107.3





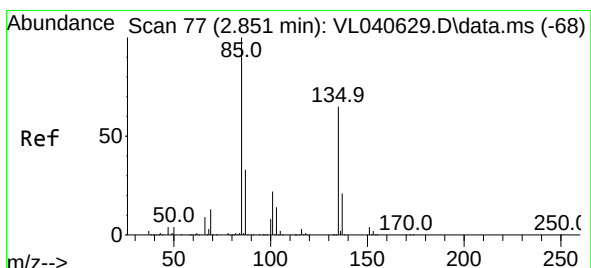
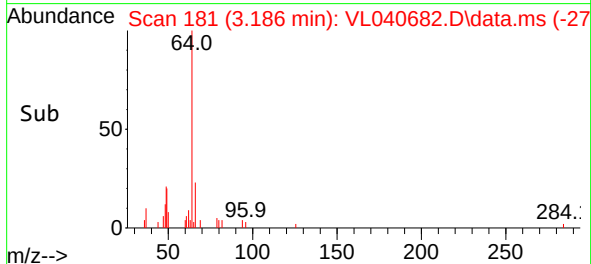
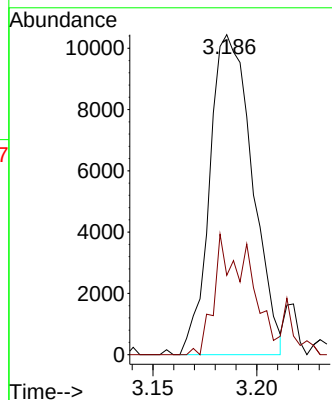
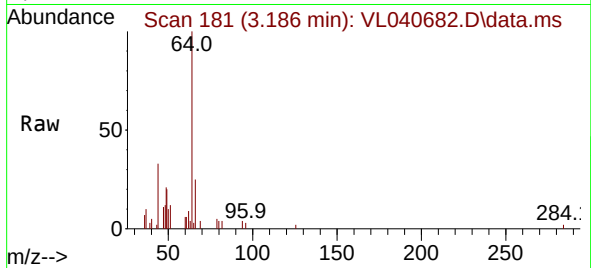
#7
Chloroethane
Concen: 0.604 ppbv
RT: 3.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 1488
Ion Ratio Lower Upper
64 100
66 24.8 28.7 43.1

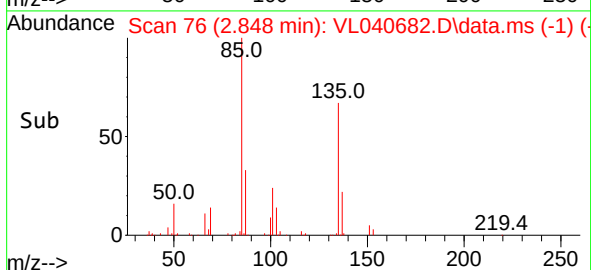
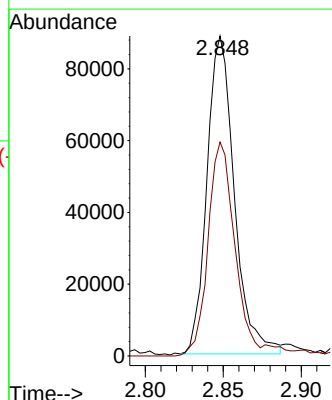
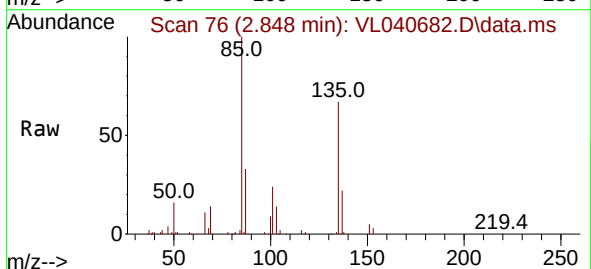
Manual Integrations
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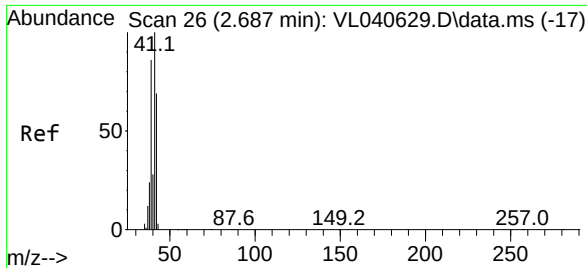
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#8
Dichlorotetrafluoroethane
Concen: 0.625 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

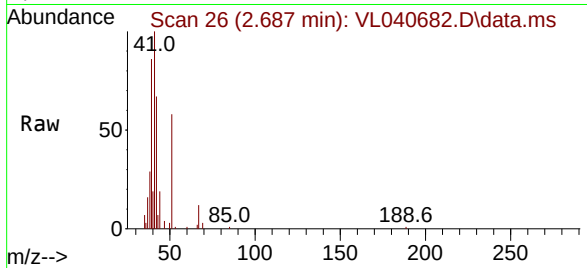
Tgt Ion: 85 Resp: 108288
Ion Ratio Lower Upper
85 100
135 69.1 52.8 79.2





#9
 Propene
 Concen: 0.382 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

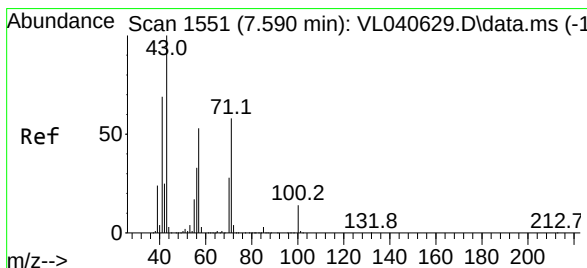
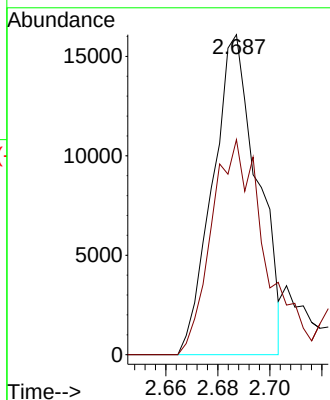
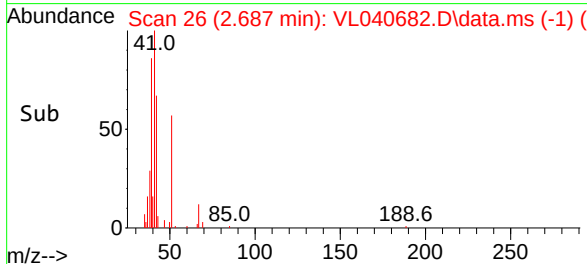
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



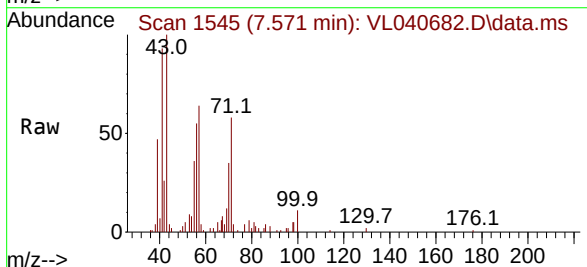
Tgt Ion: 41 Resp: 19289
 Ion Ratio Lower Upper
 41 100
 42 89.1 56.5 84.7

Manual Integrations
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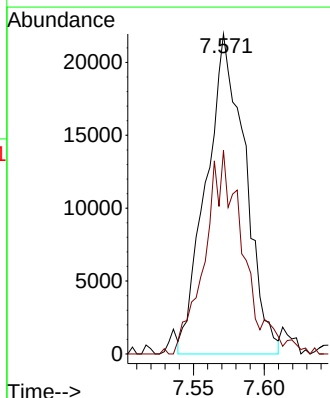
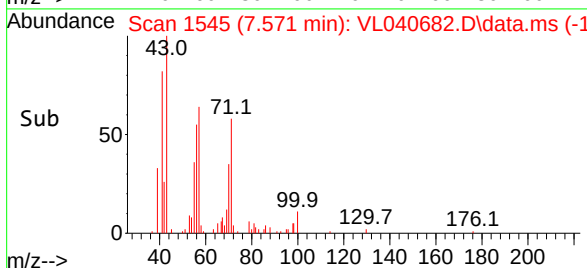
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 Supervised By :Mahesh Dadoda 09/15/2023

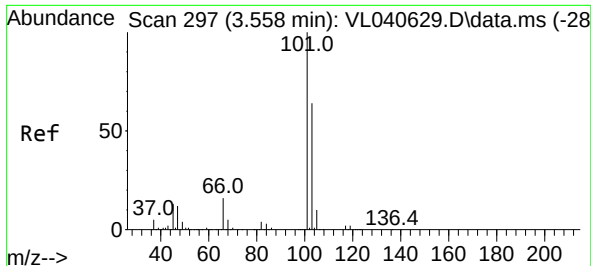


#10
 Heptane
 Concen: 0.360 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.019 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08



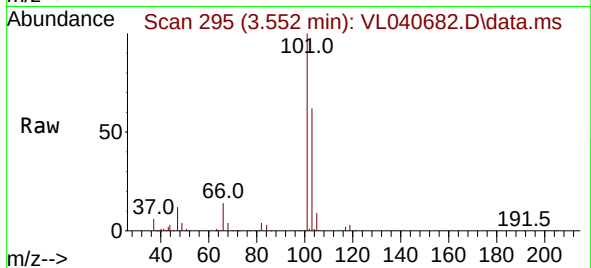
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 Ion Ratio Lower Upper
 43 100
 57 63.4 42.5 63.7





#11
Trichlorofluoromethane
Concen: 0.682 ppbv
RT: 3.552 min Scan# 295
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

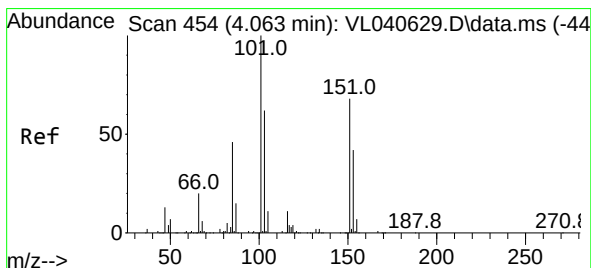
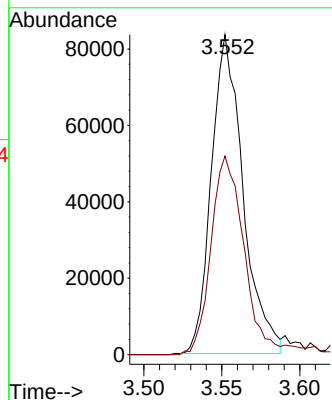
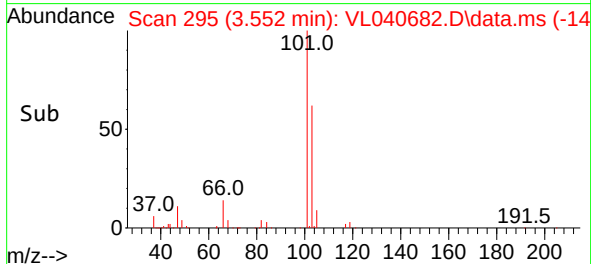
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



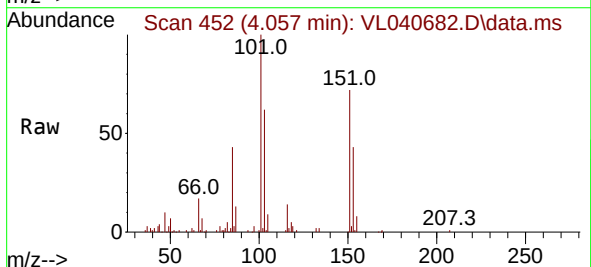
Tgt Ion:101 Resp: 11792
Ion Ratio Lower Upper
101 100
103 62.3 51.1 76.7

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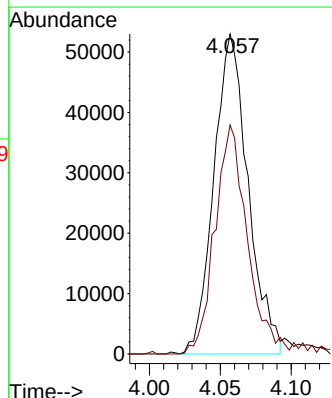
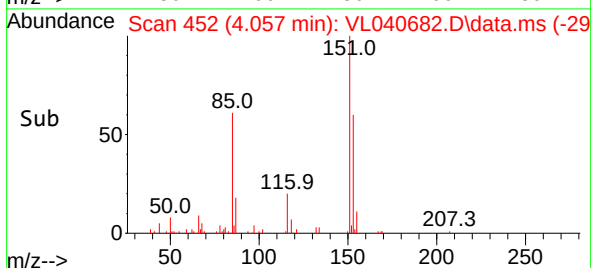
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

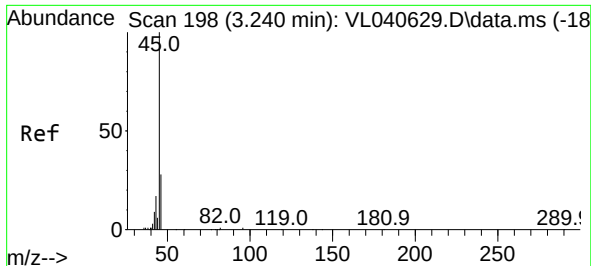


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.694 ppbv
RT: 4.057 min Scan# 452
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08



Tgt Ion:101 Resp: 89029
Ion Ratio Lower Upper
101 100
151 70.4 56.2 84.2





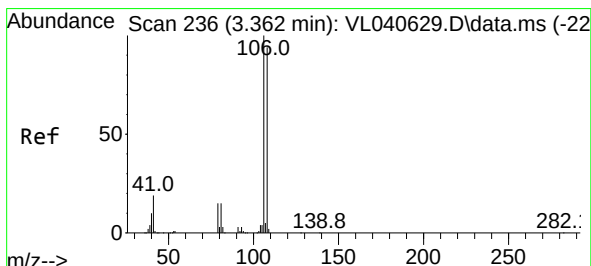
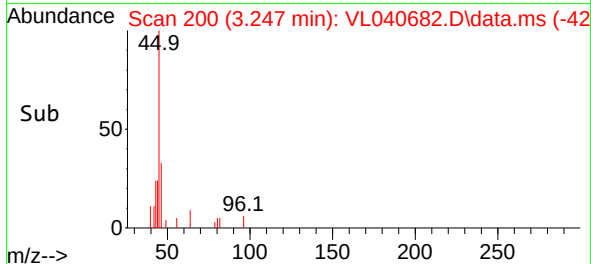
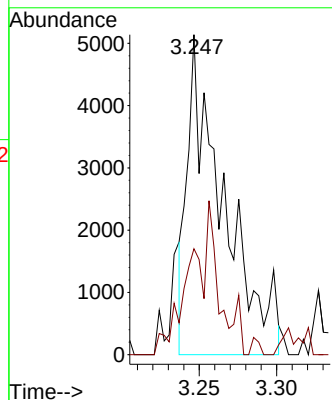
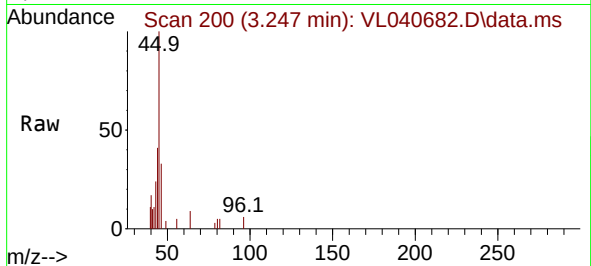
#13
Ethanol
Concen: 0.582 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 821
Ion Ratio Lower Upper
45 100
46 2.2 14.2 56.6

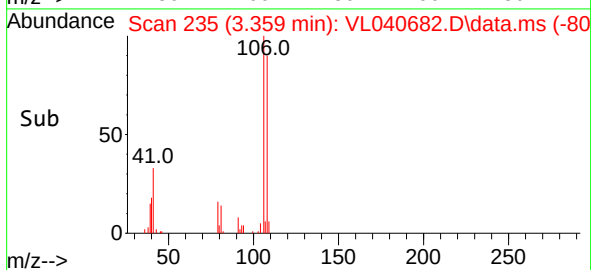
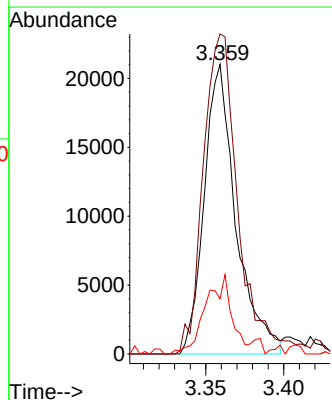
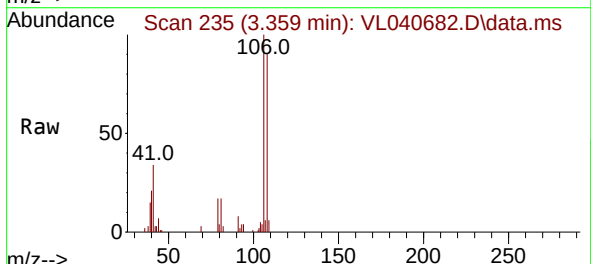
Manual Integrations
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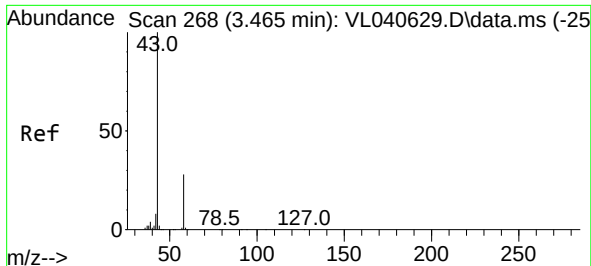
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#14
Bromoethene
Concen: 0.571 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:108 Resp: 29756
Ion Ratio Lower Upper
108 100
106 124.4 87.3 130.9
79 26.8 14.4 21.6





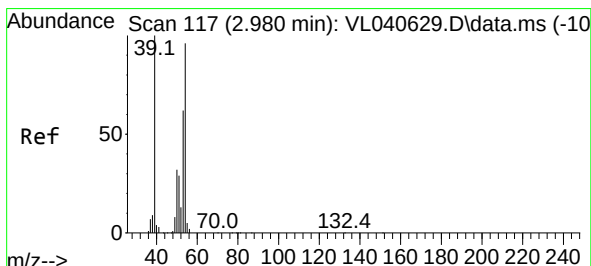
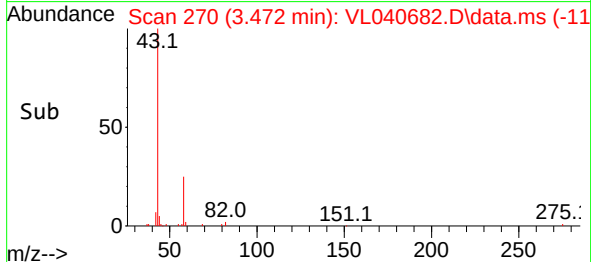
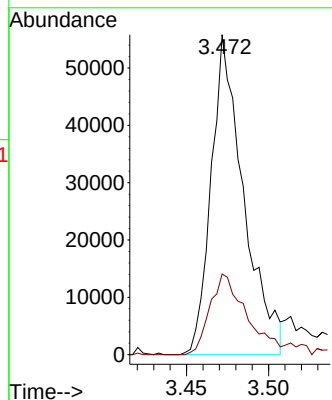
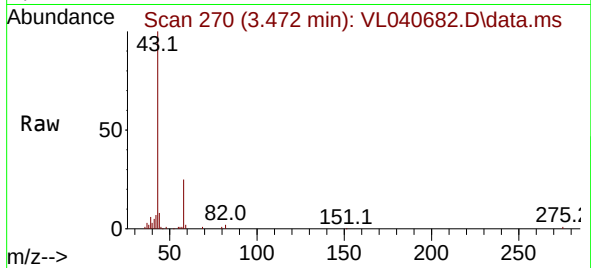
#15
Acetone
Concen: 0.632 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 7683
Ion Ratio Lower Upper
43 100
58 31.5 22.4 33.6

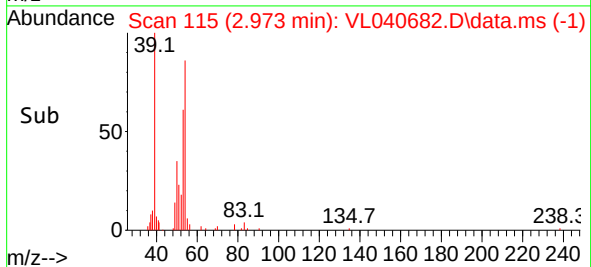
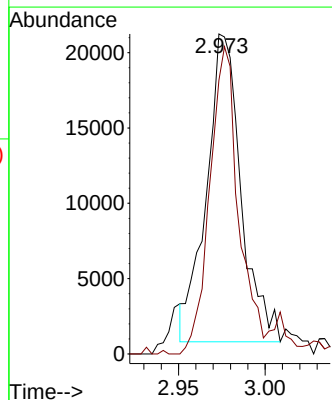
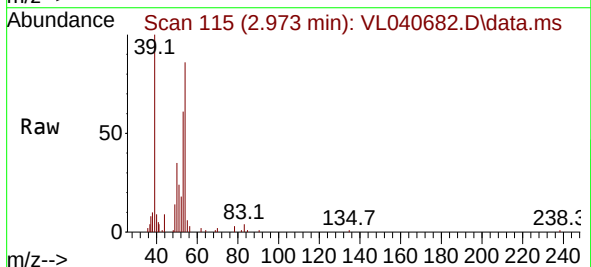
Manual Integrations
APPROVED

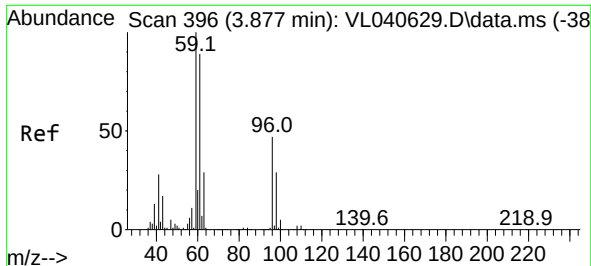
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#16
1,3-Butadiene
Concen: 0.470 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 39 Resp: 28392
Ion Ratio Lower Upper
39 100
54 91.8 66.6 99.8





#17

tert-Butyl alcohol

Concen: 0.486 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.013 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 62650

Ion Ratio Lower Upper

59 100

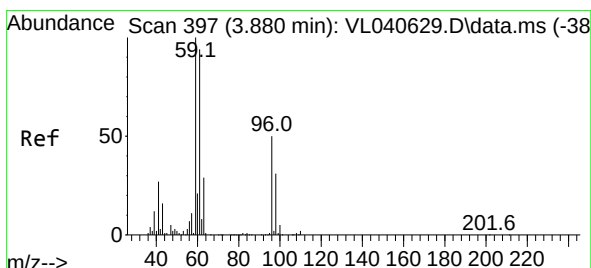
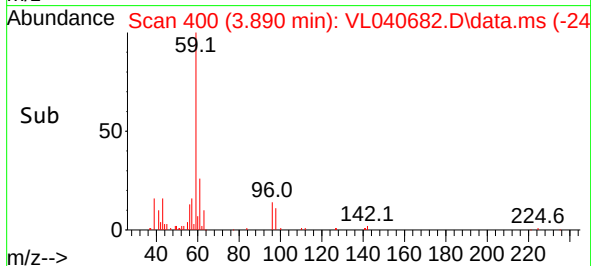
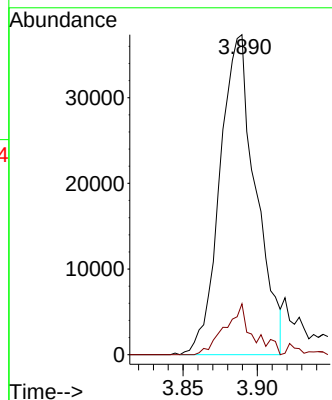
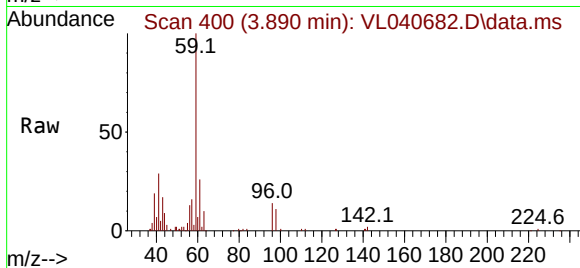
57 13.6 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#18

1,1-Dichloroethene

Concen: 0.619 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.013 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

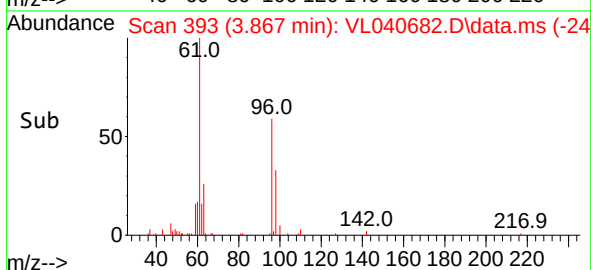
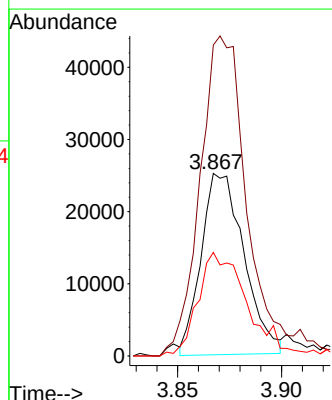
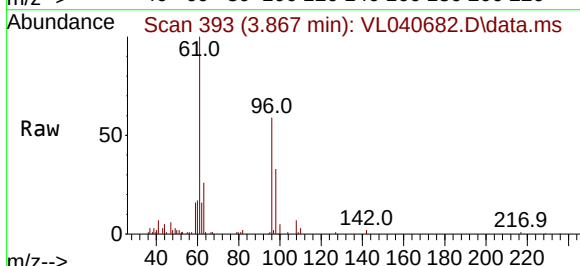
Tgt Ion: 96 Resp: 35993

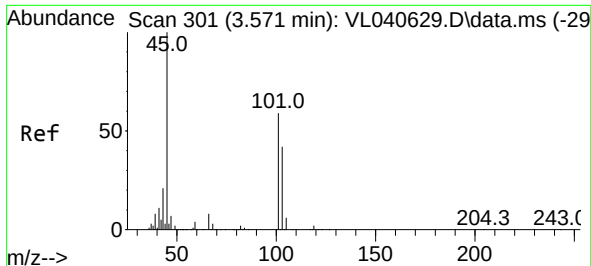
Ion Ratio Lower Upper

96 100

61 160.9 150.4 225.6

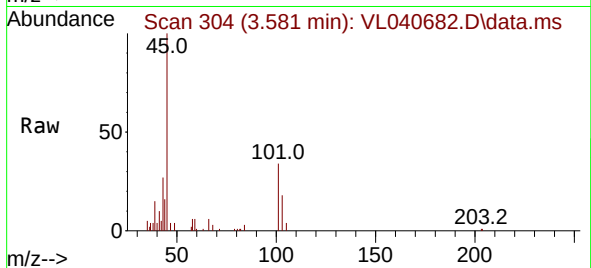
98 55.2 49.7 74.5





#19
Isopropyl Alcohol
Concen: 0.430 ppbv
RT: 3.581 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

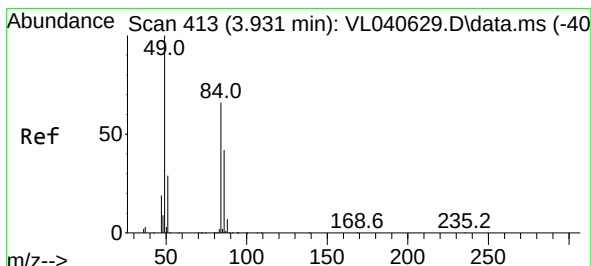
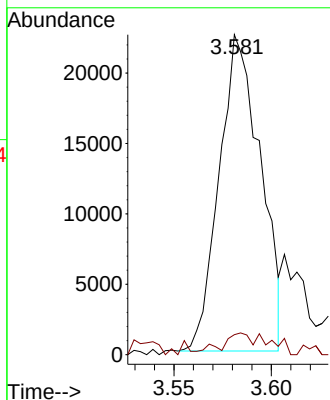
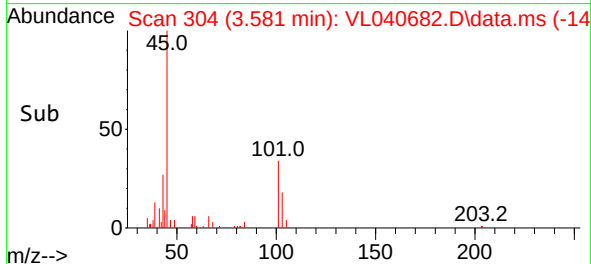
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



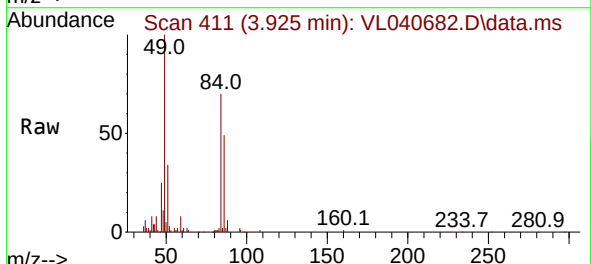
Tgt Ion: 45 Resp: 3311
Ion Ratio Lower Upper
45 100
58 8.7 1.9 2.9

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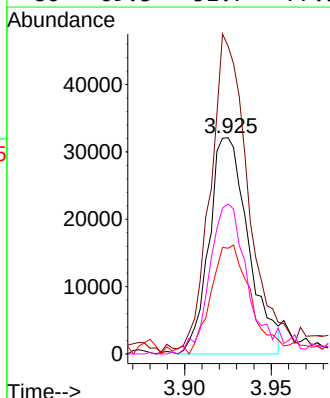
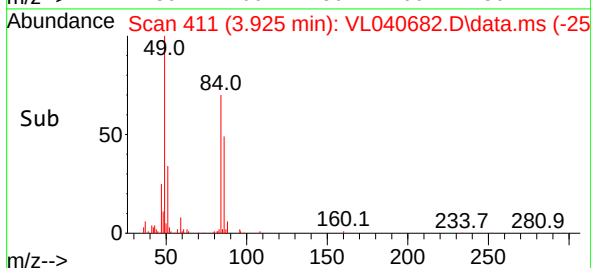
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

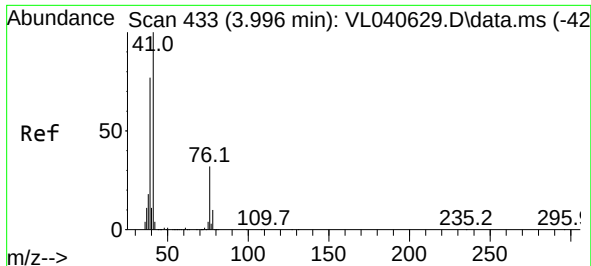


#20
Methylene Chloride
Concen: 0.851 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08



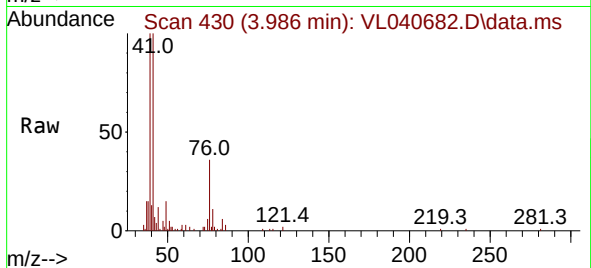
Tgt Ion: 84 Resp: 50550
Ion Ratio Lower Upper
84 100
49 140.0 122.1 183.1
51 46.2 35.4 53.2
86 69.3 51.7 77.5





#21
 Allyl Chloride
 Concen: 0.523 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

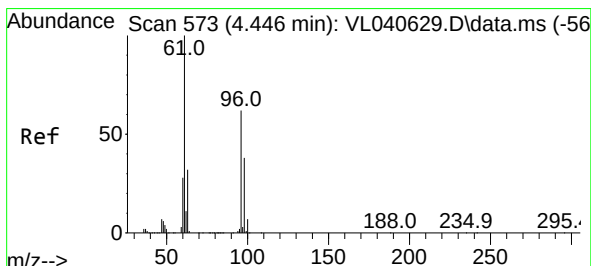
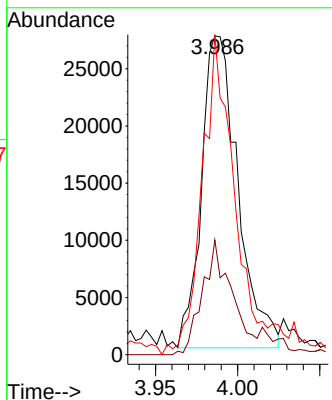
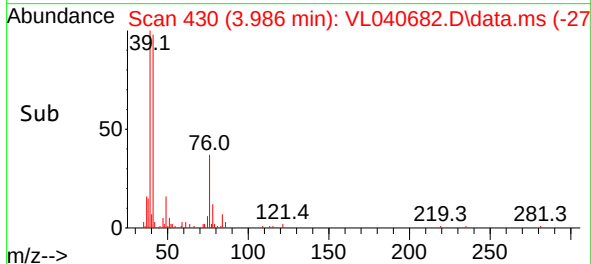
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



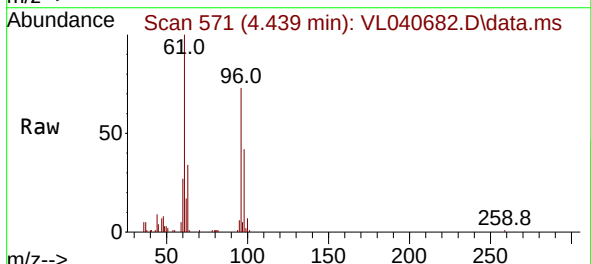
Tgt Ion: 41 Resp: 42030
 Ion Ratio Lower Upper
 41 100
 76 34.5 25.5 38.3
 39 95.6 61.8 92.6

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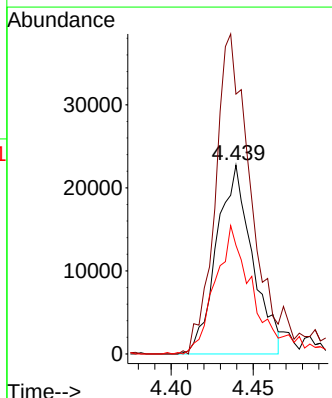
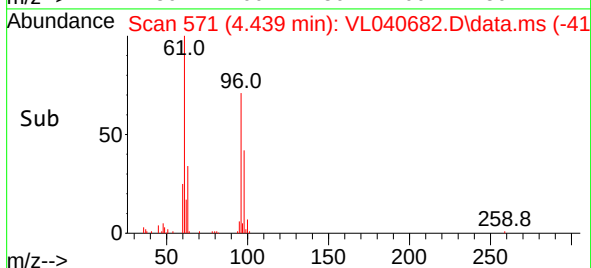
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

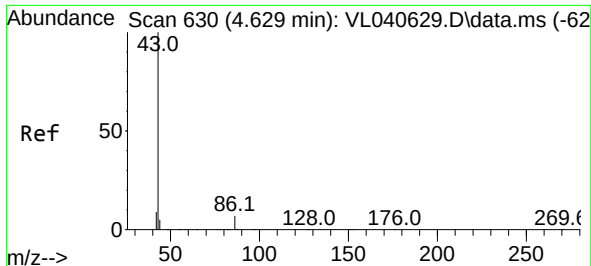


#22
 trans-1,2-Dichloroethene
 Concen: 0.602 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.006 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08



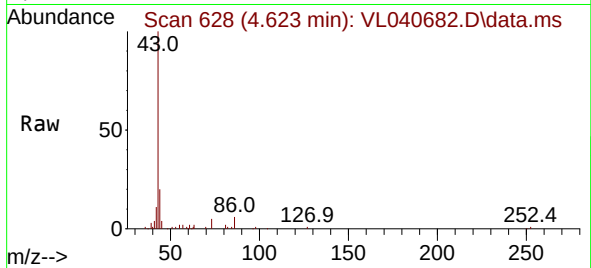
Tgt Ion: 96 Resp: 34335
 Ion Ratio Lower Upper
 96 100
 61 137.6 128.1 192.1
 98 56.8 48.1 72.1





#23
 Vinyl Acetate
 Concen: 0.452 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. -0.006 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

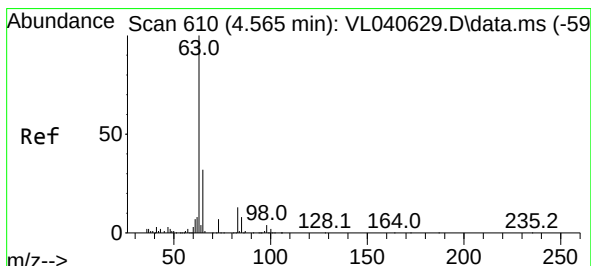
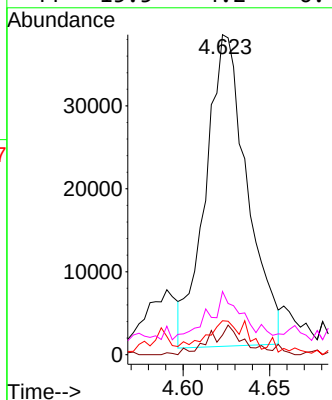
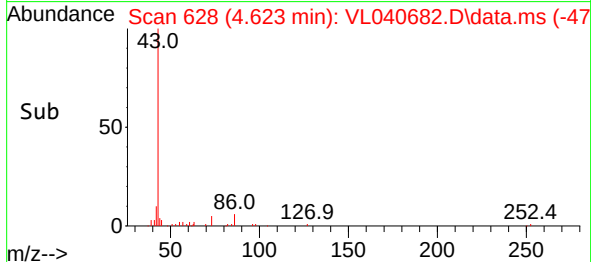
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



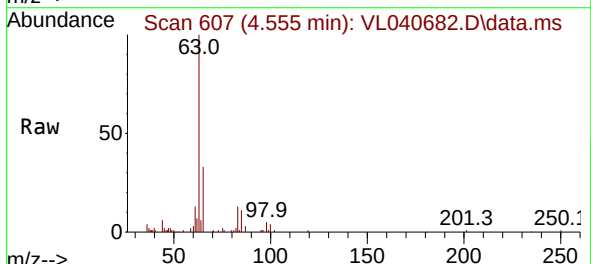
Tgt Ion:	43	Resp:	6265
Ion Ratio	100	Lower	Upper
86	7.2	5.0	7.6
42	11.4	7.8	11.8
44	15.5	4.2	6.4

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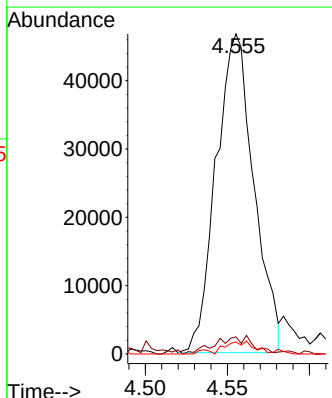
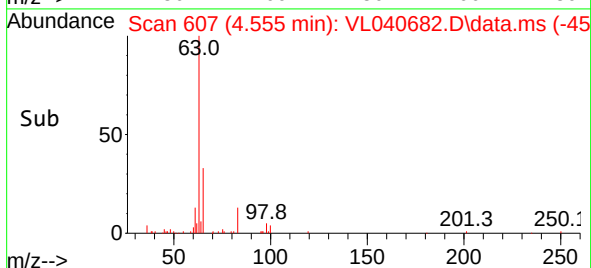
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

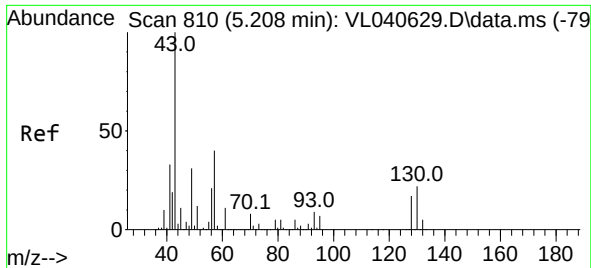


#24
 1,1-Dichloroethane
 Concen: 0.631 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. -0.010 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08



Tgt Ion:	63	Resp:	74747
Ion Ratio	100	Lower	Upper
98	4.8	2.0	6.0
100	3.8	1.1	3.3





#25
Ethyl Acetate
Concen: 0.459 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

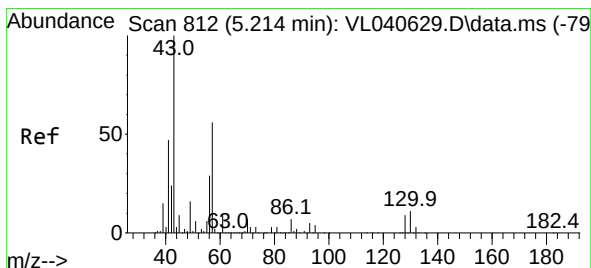
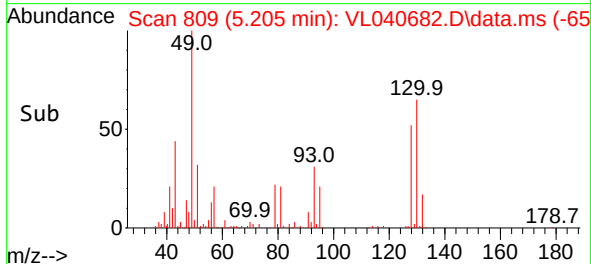
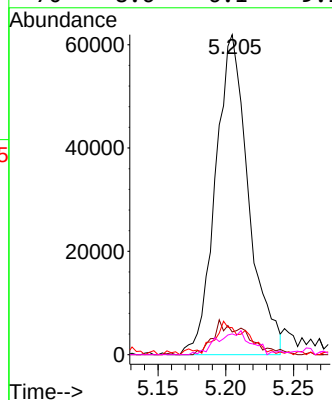
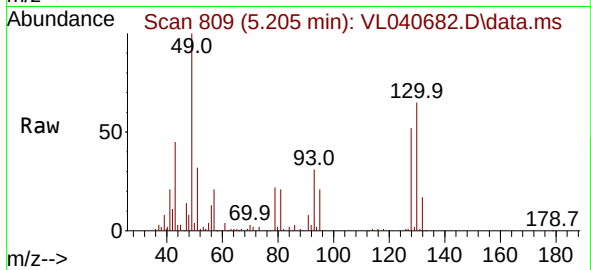
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 10484

Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.2	12.4
61	11.7	8.3	12.5
70	8.6	6.1	9.1

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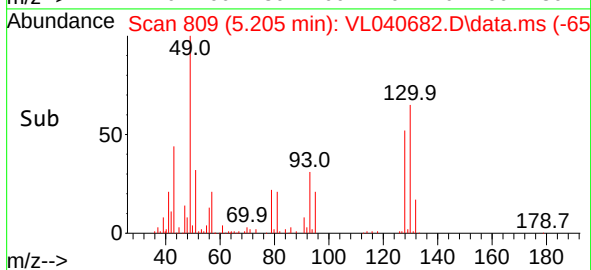
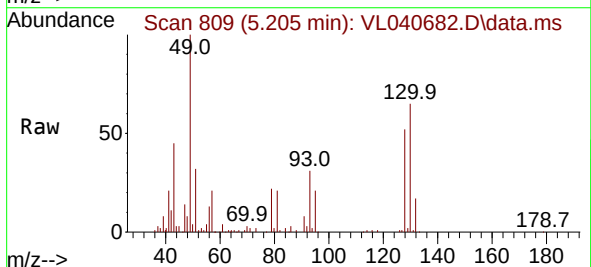
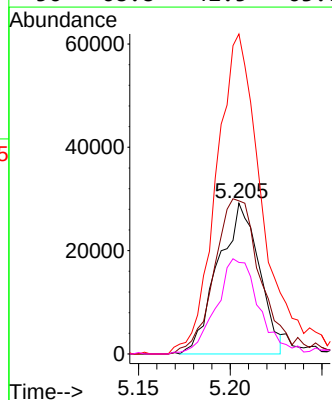
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

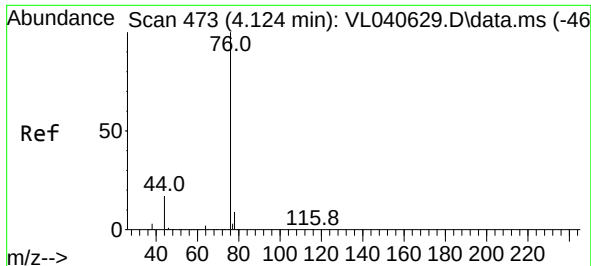


#26
Hexane
Concen: 0.410 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.010 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 57 Resp: 45299

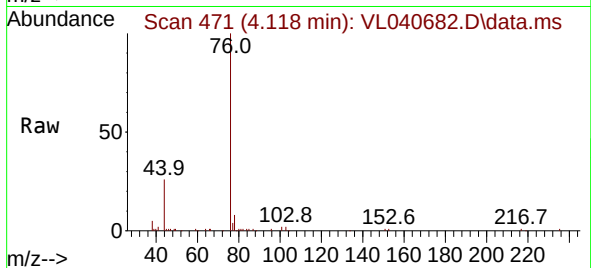
Ion	Ratio	Lower	Upper
57	100		
41	122.4	69.3	103.9#
43	250.8	177.9	266.9
56	68.8	42.5	63.7#





#27
Carbon Disulfide
Concen: 0.523 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

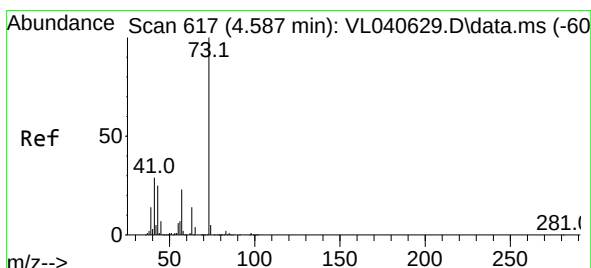
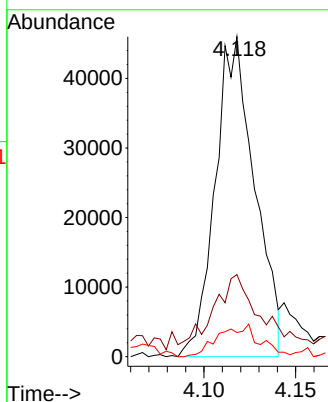
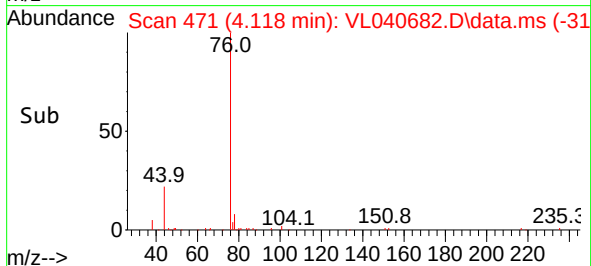
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



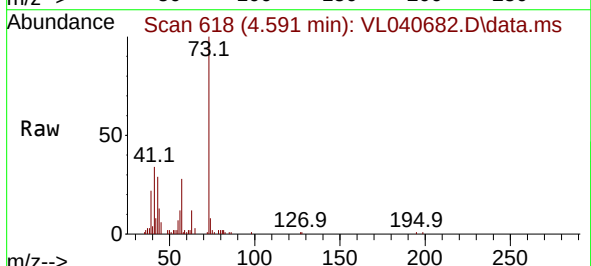
Tgt Ion: 76 Resp: 68770
Ion Ratio Lower Upper
76 100
44 29.4 14.3 21.5
78 12.2 7.4 11.0

Manual Integrations
APPROVED

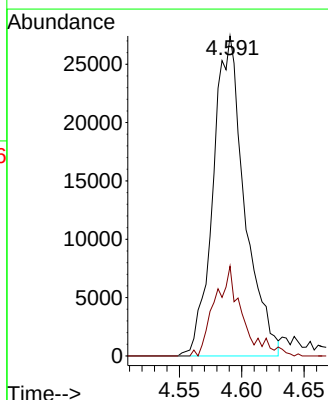
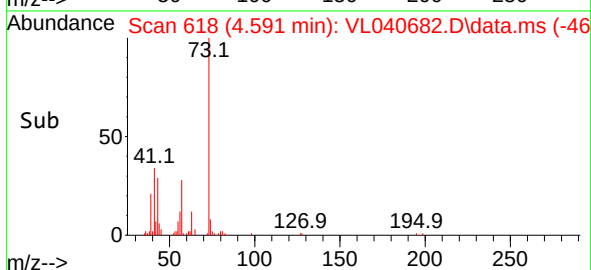
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

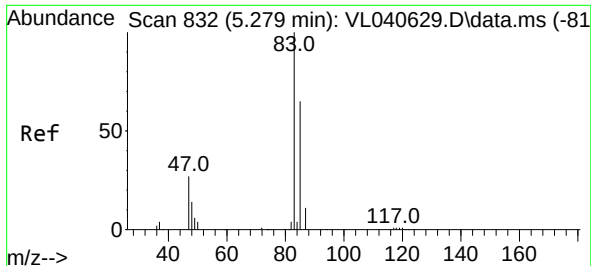


#28
Methyl tert-Butyl Ether
Concen: 0.566 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08



Tgt Ion: 73 Resp: 48290
Ion Ratio Lower Upper
73 100
57 24.7 18.9 28.3





#29

Chloroform

Concen: 0.552 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 9647

Ion Ratio Lower Upper

83 100

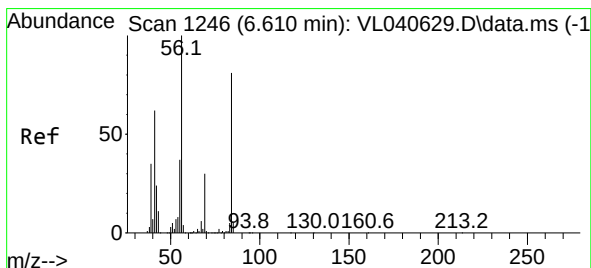
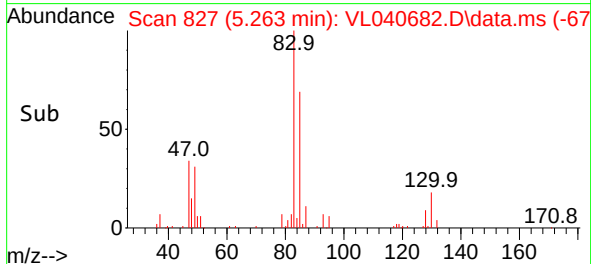
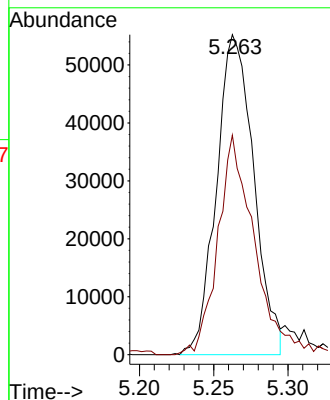
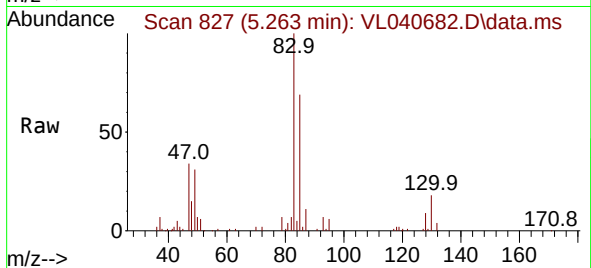
85 68.0 52.2 78.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#30

Cyclohexane

Concen: 0.482 ppbv m

RT: 6.587 min Scan# 1239

Delta R.T. -0.022 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

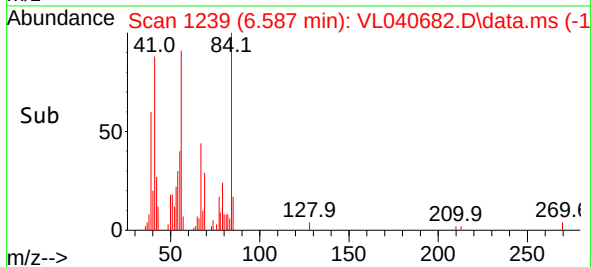
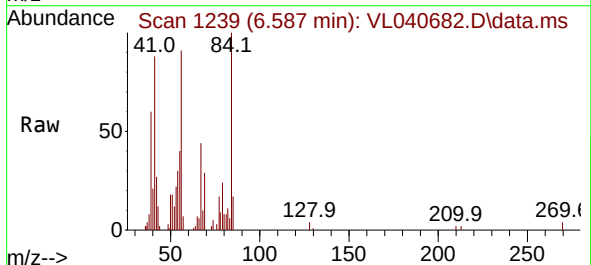
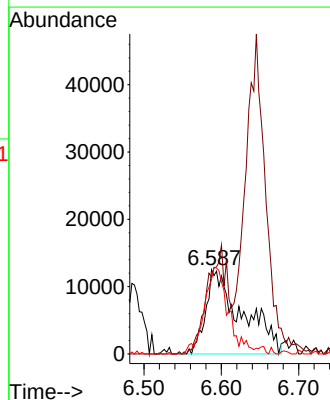
Tgt Ion: 84 Resp: 40741

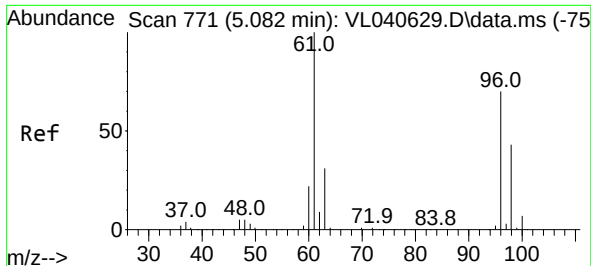
Ion Ratio Lower Upper

84 100

56 0.0 105.4 158.2#

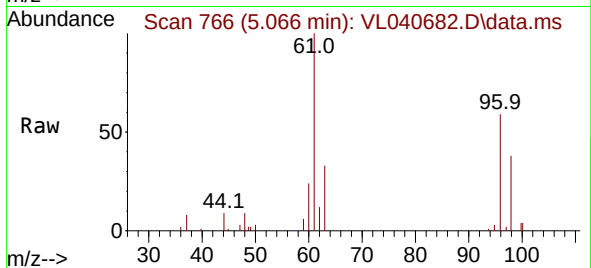
41 70.9 64.2 96.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.415 ppbv
 RT: 5.066 min Scan# 771
 Delta R.T. -0.016 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

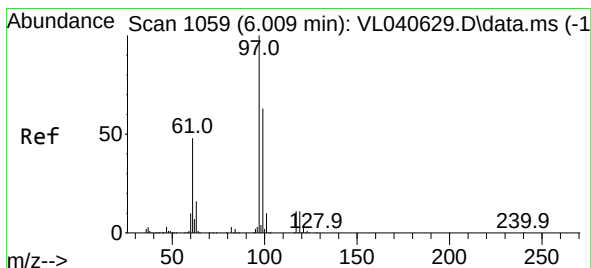
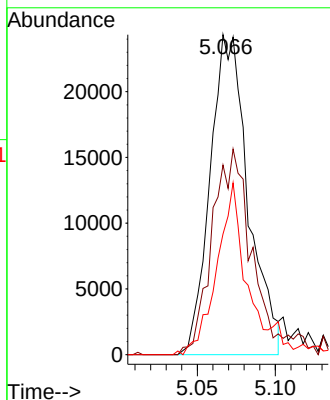
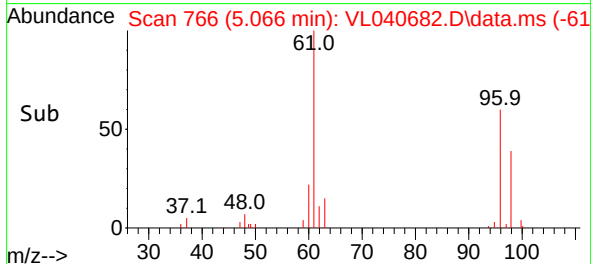
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



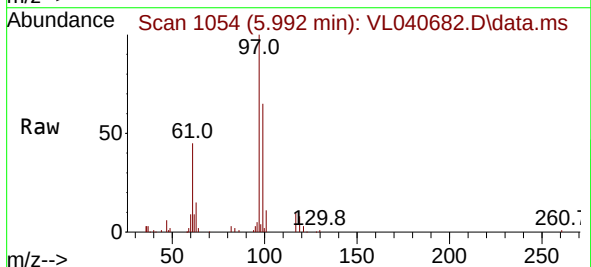
Tgt Ion: 61 Resp: 41319
 Ion Ratio Lower Upper
 61 100
 96 59.3 55.8 83.6
 98 36.5 34.8 52.2

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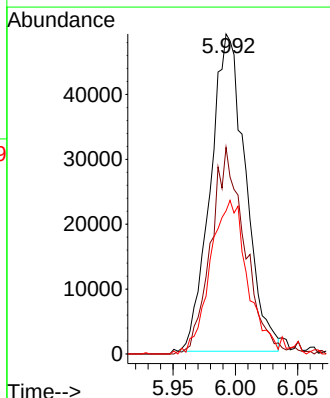
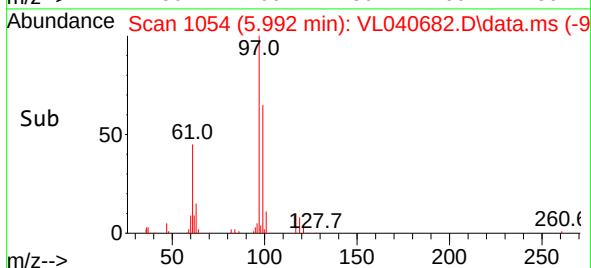
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

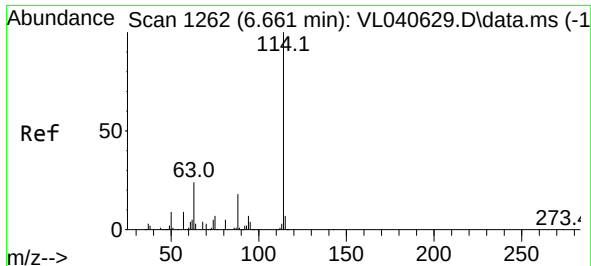


#32
 1,1,1-Trichloroethane
 Concen: 0.574 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.016 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08



Tgt Ion: 97 Resp: 96071
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.2 76.8
 61 53.4 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 270939

Ion Ratio Lower Upper

114 100

63 26.6 20.2 30.2

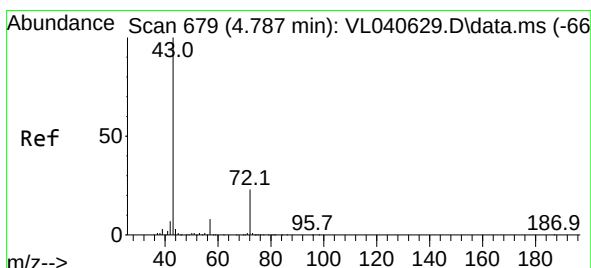
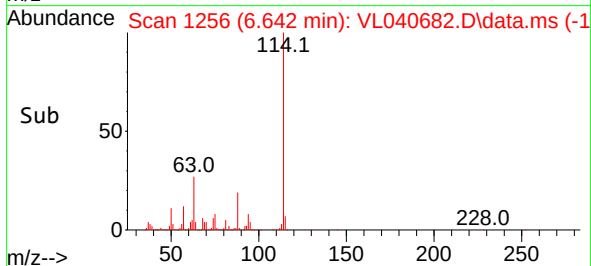
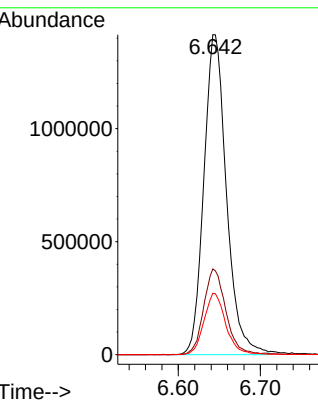
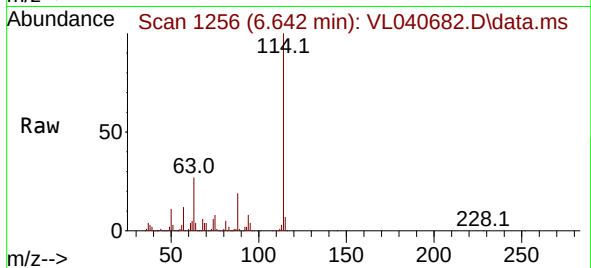
88 18.7 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#34

2-Butanone

Concen: 0.467 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.006 min

Lab File: VL040682.D

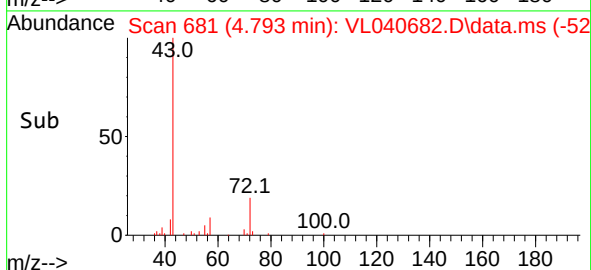
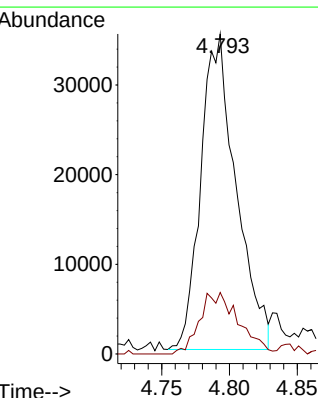
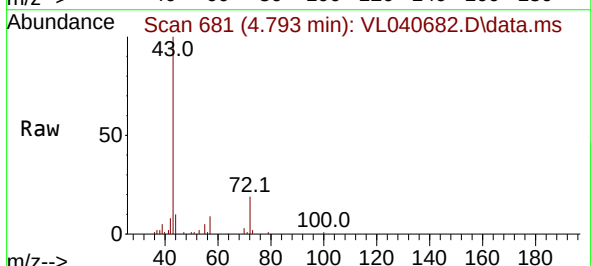
Acq: 14 Sep 2023 13:08

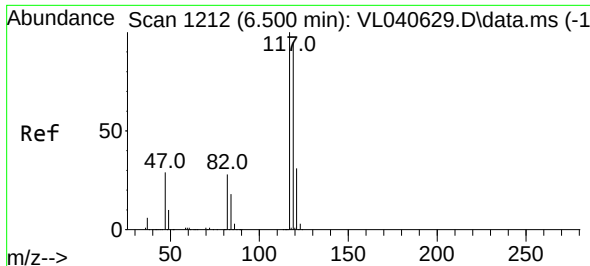
Tgt Ion: 43 Resp: 63766

Ion Ratio Lower Upper

43 100

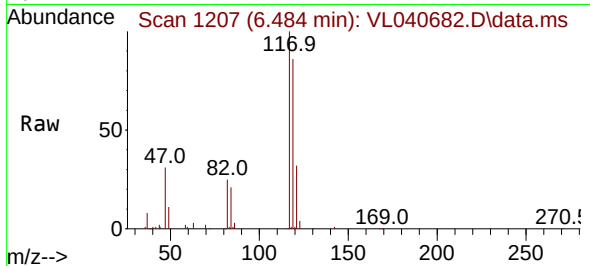
72 23.8 19.2 28.8





#35
Carbon Tetrachloride
Concen: 0.569 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

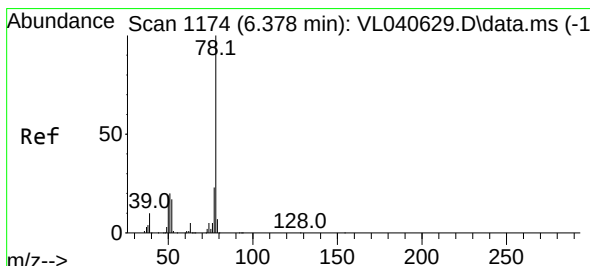
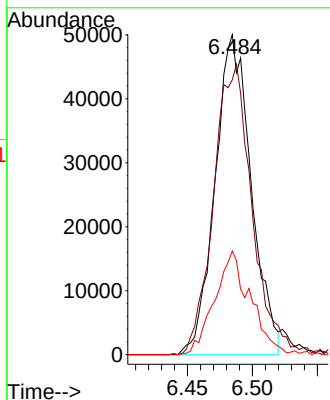
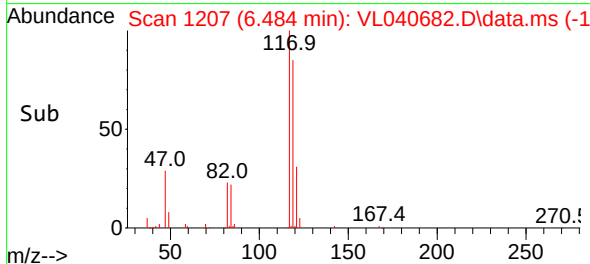
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 9654
Ion Ratio Lower Upper
117 100
119 85.8 75.6 113.4
121 32.4 24.9 37.3

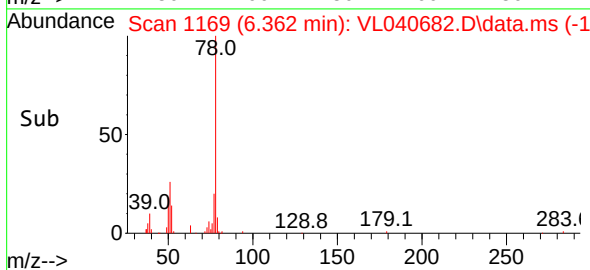
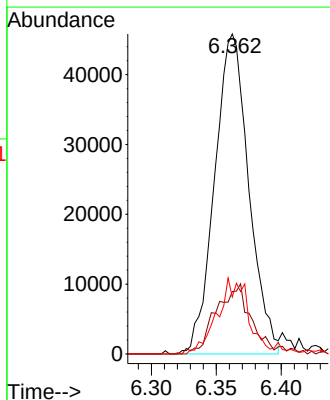
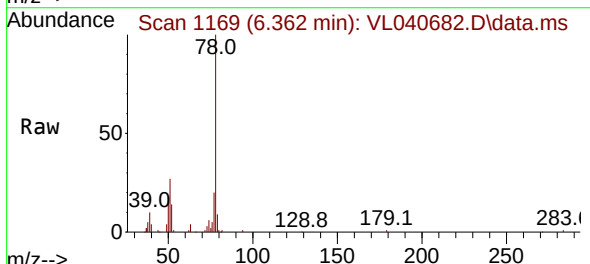
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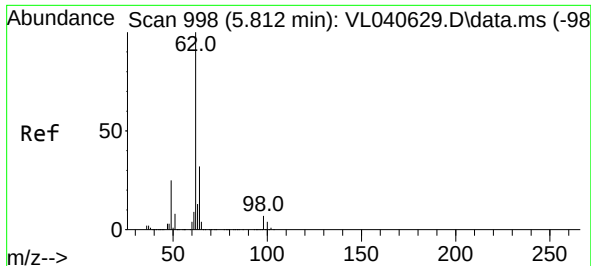
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#36
Benzene
Concen: 0.389 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 78 Resp: 83907
Ion Ratio Lower Upper
78 100
77 19.5 18.2 27.2
50 17.4 15.0 22.6





#37

1,2-Dichloroethane

Concen: 0.508 ppbv

RT: 5.796 min Scan# 998

Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 62 Resp: 66100

Ion Ratio Lower Upper

62 100

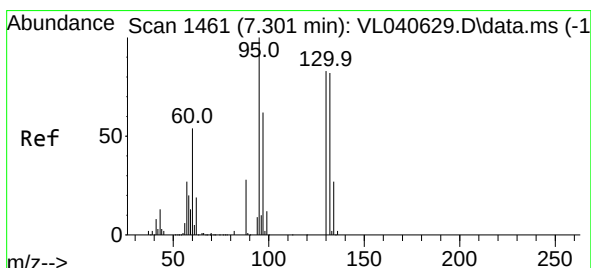
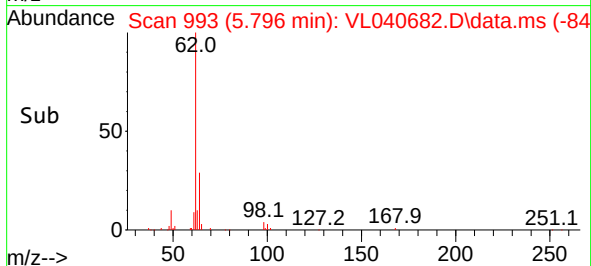
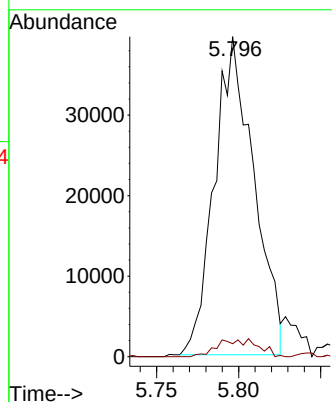
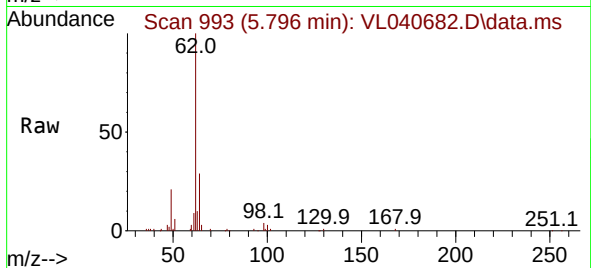
98 6.1 4.9 7.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#38

Trichloroethene

Concen: 0.446 ppbv m

RT: 7.285 min Scan# 1456

Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Tgt Ion:130 Resp: 37192

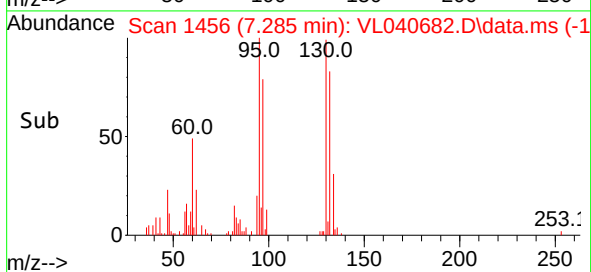
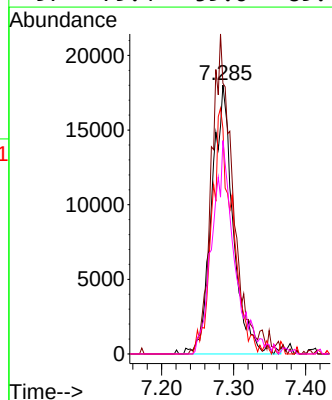
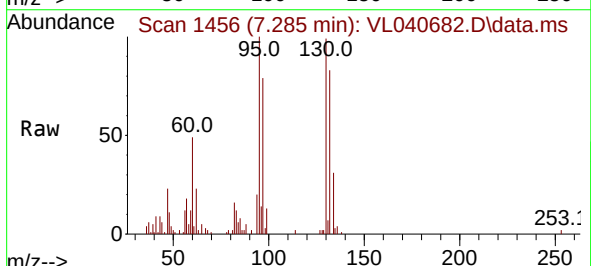
Ion Ratio Lower Upper

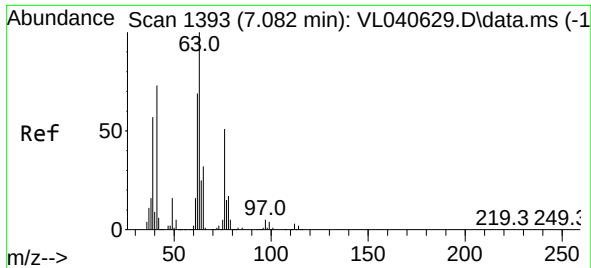
130 100

95 100.6 95.9 143.9

132 83.9 79.0 118.4

97 79.4 59.6 89.4





#39

1,2-Dichloropropane

Concen: 0.447 ppbv m

RT: 7.070 min Scan# 1389

Delta R.T. -0.013 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

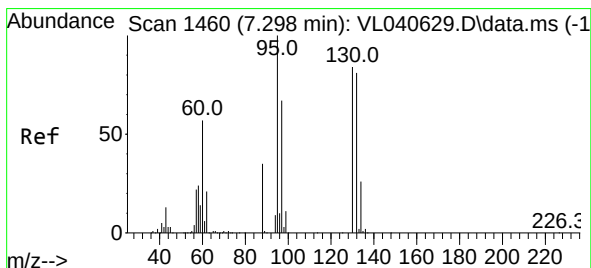
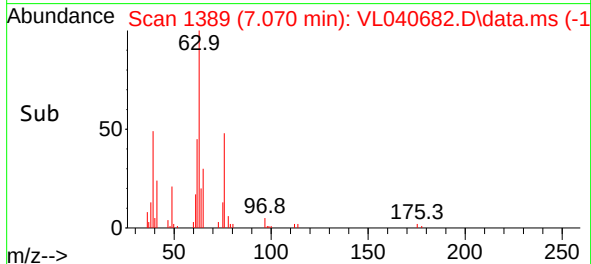
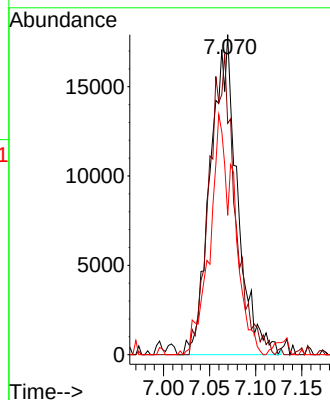
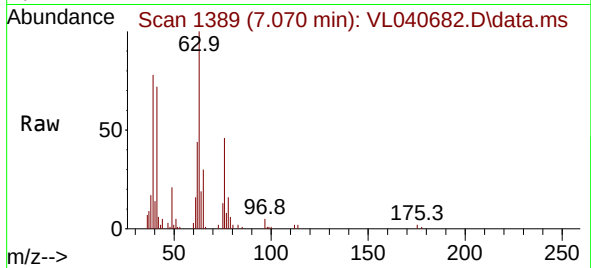
Tgt Ion: 63	Resp: 36620
Ion Ratio	Lower Upper
63 100	
41 72.3	58.2 87.2
62 43.6	55.0 82.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#40

1,4-Dioxane

Concen: 0.384 ppbv m

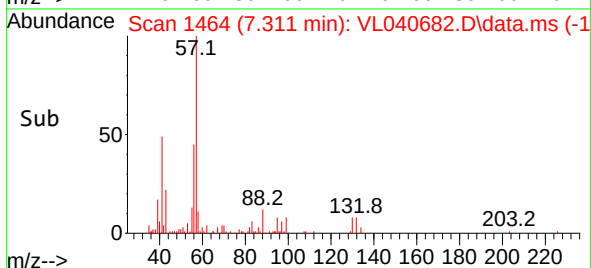
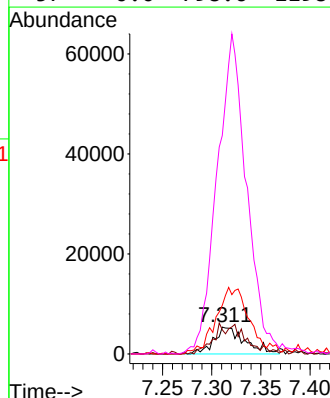
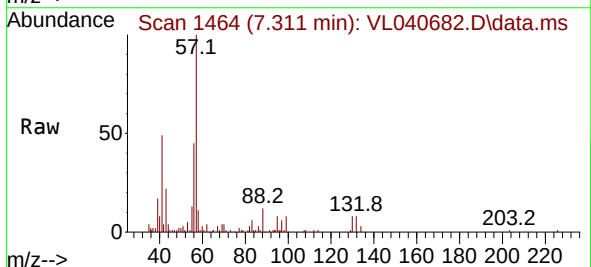
RT: 7.311 min Scan# 1464

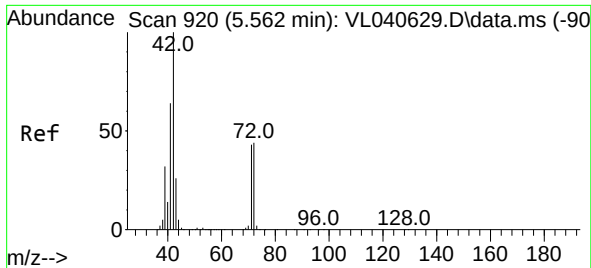
Delta R.T. 0.013 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Tgt Ion: 88	Resp: 11937
Ion Ratio	Lower Upper
88 100	
58 0.0	92.8 139.2#
43 0.0	179.1 268.7#
57 0.0	798.6 1198.0#





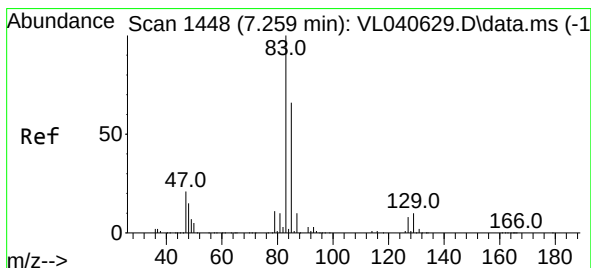
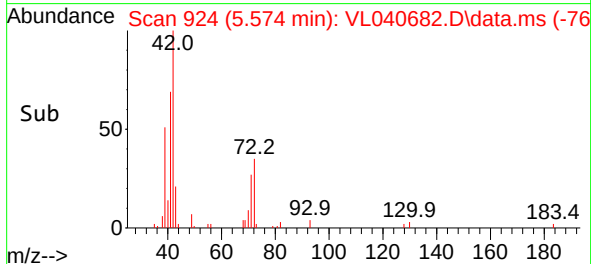
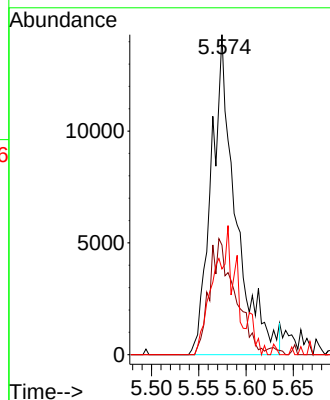
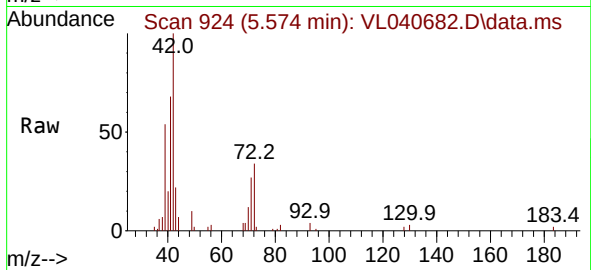
#41
Tetrahydrofuran
Concen: 0.335 ppbv m
RT: 5.574 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 25872
Ion Ratio Lower Upper
42 100
72 0.0 34.2 51.4
71 0.0 33.4 50.0

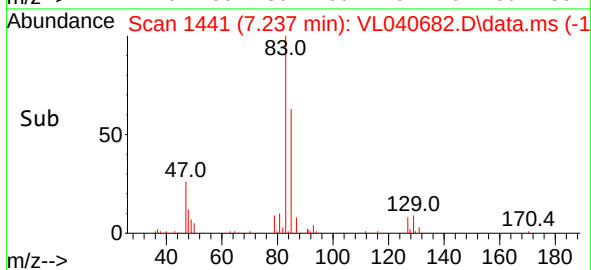
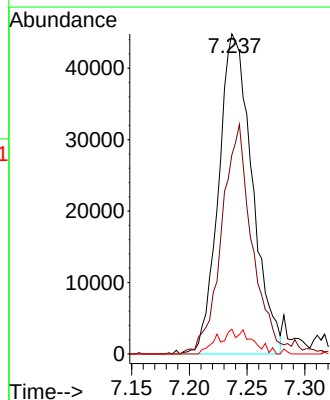
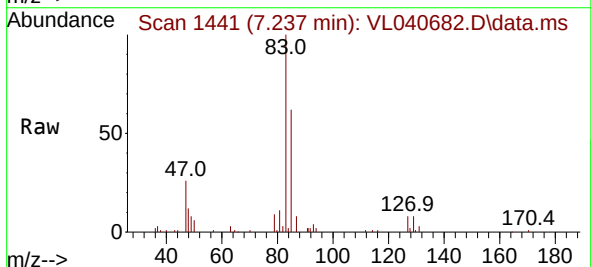
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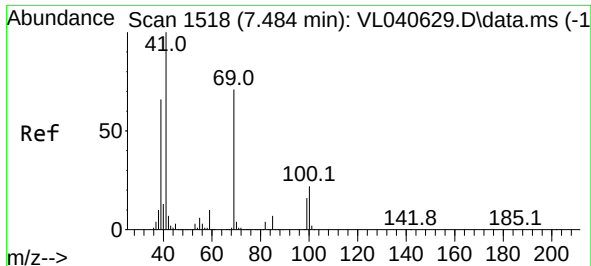
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#42
Bromodichloromethane
Concen: 0.501 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.022 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 83 Resp: 90658
Ion Ratio Lower Upper
83 100
85 62.3 52.5 78.7
127 7.8 6.1 9.1





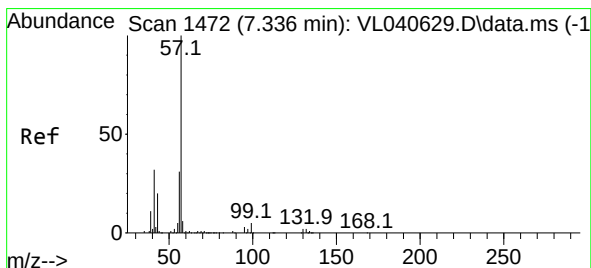
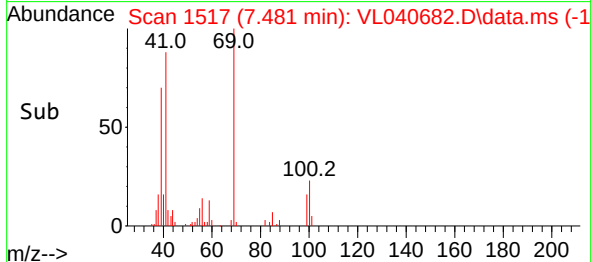
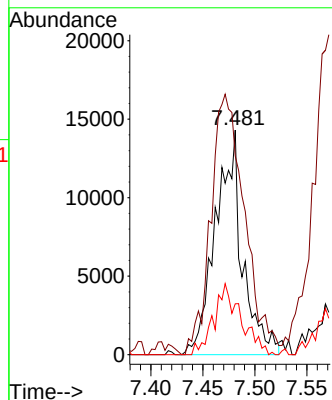
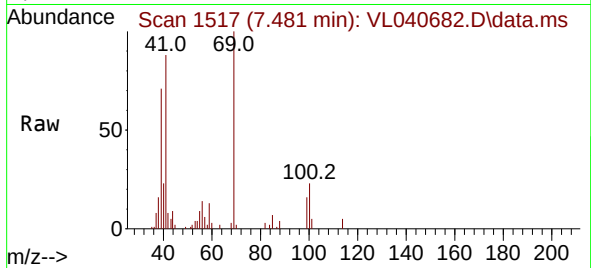
#43
Methyl Methacrylate
Concen: 0.318 ppbv m
RT: 7.481 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 25640
Ion Ratio Lower Upper
69 100
41 149.4 111.8 167.8
100 32.0 25.8 38.6

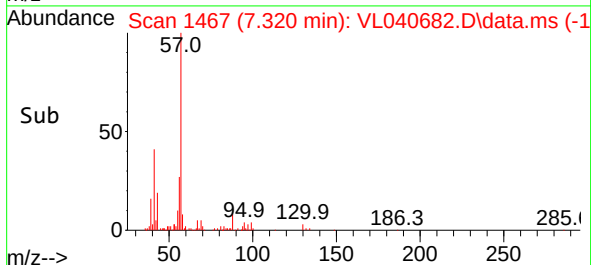
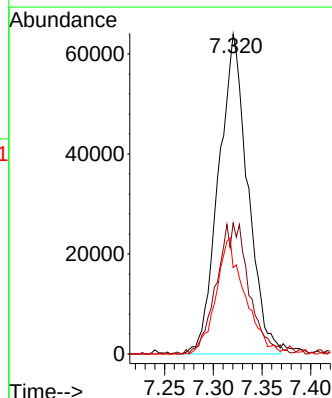
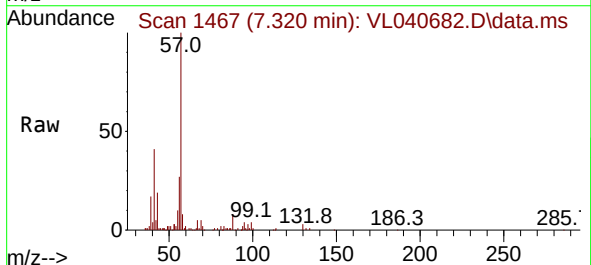
Manual Integrations
APPROVED

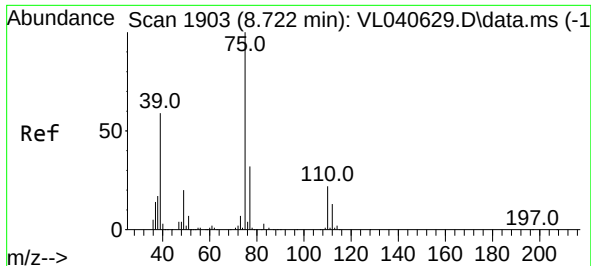
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#44
2,2,4-Trimethylpentane
Concen: 0.382 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 57 Resp: 133201
Ion Ratio Lower Upper
57 100
41 46.2 26.2 39.4#
56 37.0 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 0.306 ppbv m

RT: 8.703 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 75 Resp: 19740

Ion Ratio Lower Upper

75 100

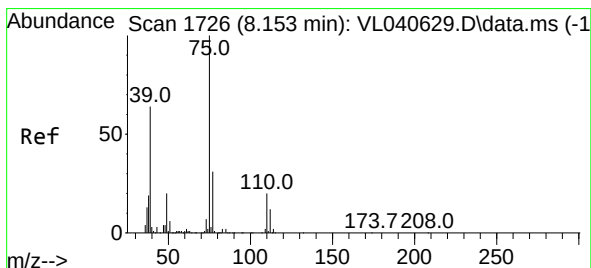
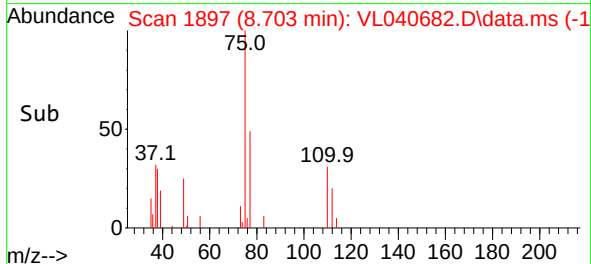
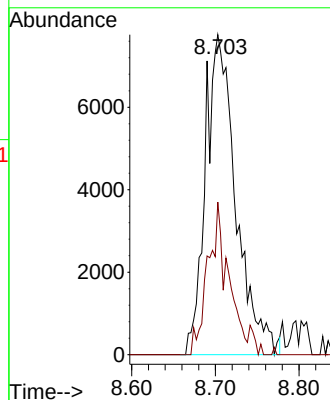
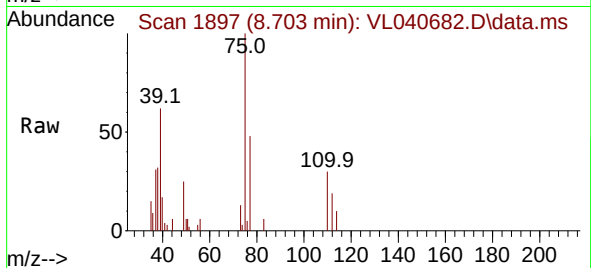
77 47.7 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#46

cis-1,3-Dichloropropene

Concen: 0.331 ppbv m

RT: 8.137 min Scan# 1721

Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

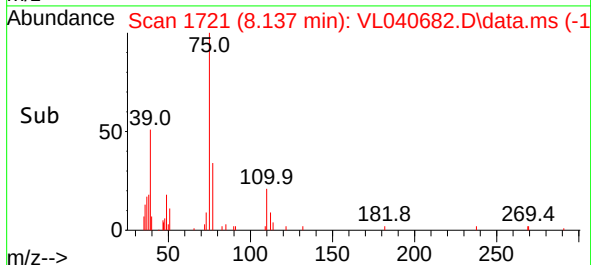
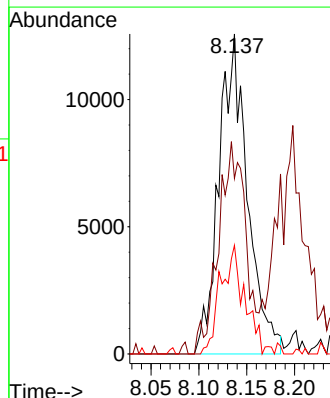
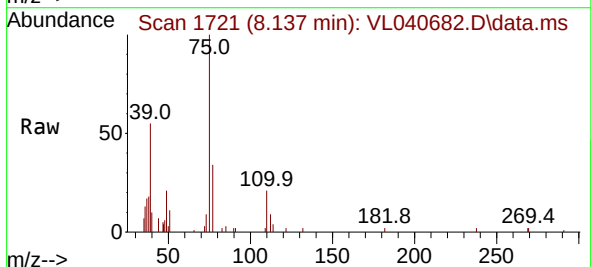
Tgt Ion: 75 Resp: 26020

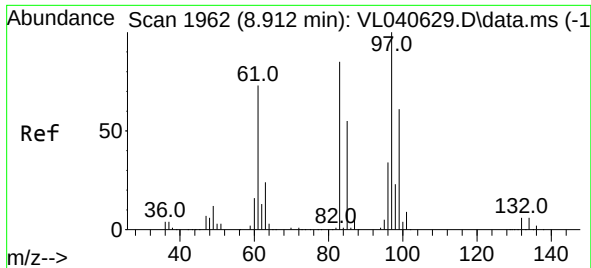
Ion Ratio Lower Upper

75 100

39 54.9 51.0 76.4

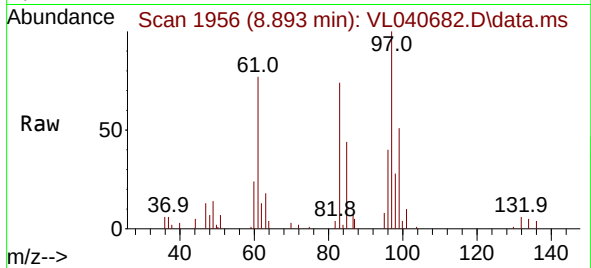
77 33.9 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 0.435 ppbv
RT: 8.893 min Scan# 1962
Delta R.T. -0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

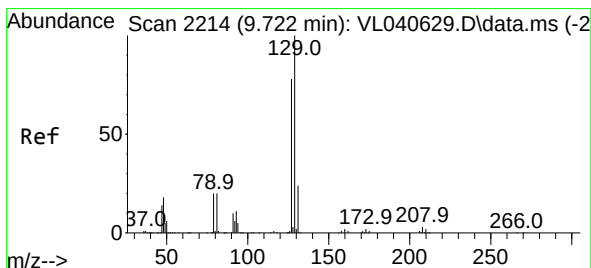
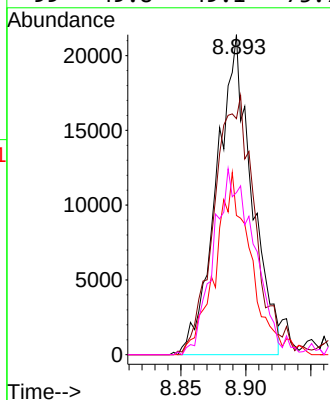
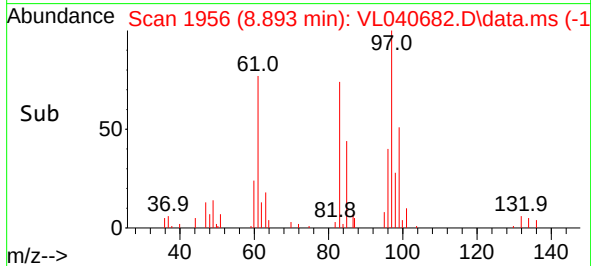
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion	Ratio	Lower	Upper
97	100		
83	72.7	67.8	101.8
85	43.5	44.0	66.0
99	49.8	49.1	73.7

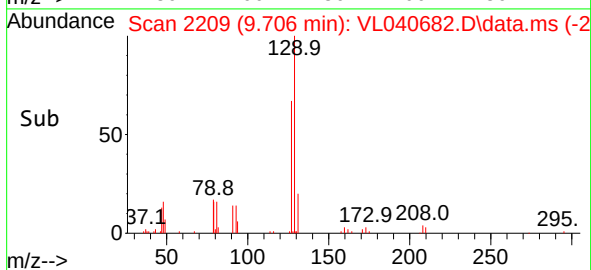
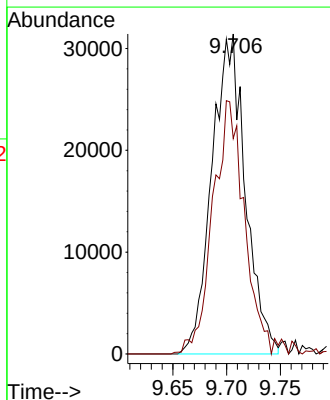
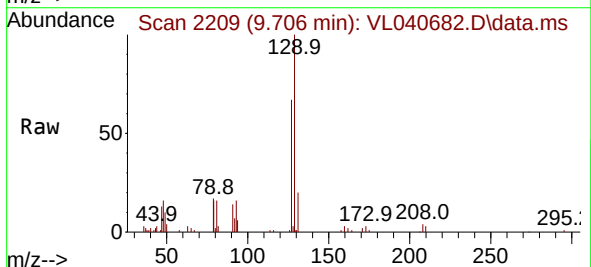
Manual Integrations
APPROVED

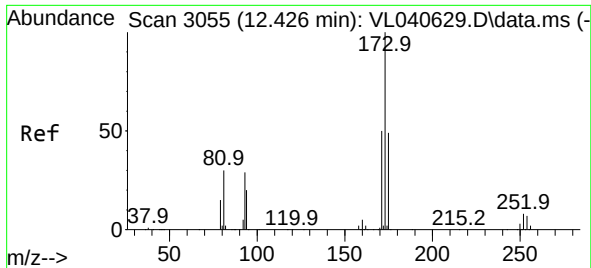
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#48
Dibromochloromethane
Concen: 0.468 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.9	116.7





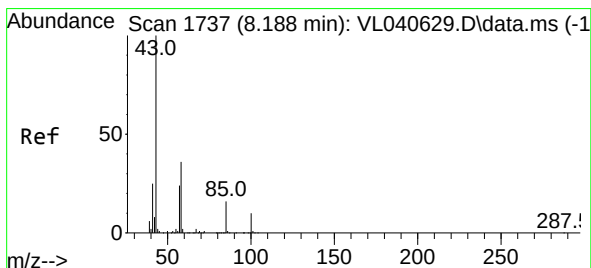
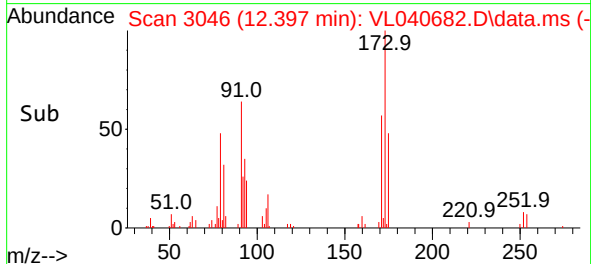
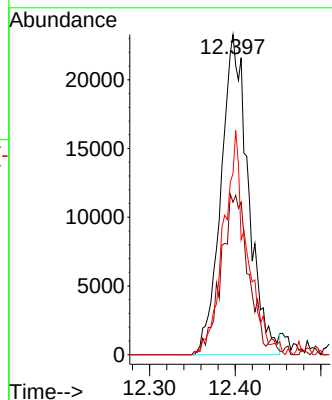
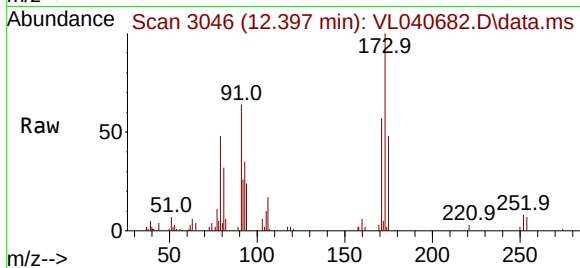
#49
Bromoform
Concen: 0.446 ppbv m
RT: 12.397 min Scan# 3055
Delta R.T. -0.029 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:173 Resp: 51749
Ion Ratio Lower Upper
173 100
175 52.9 39.0 58.6
171 60.9 41.9 62.9

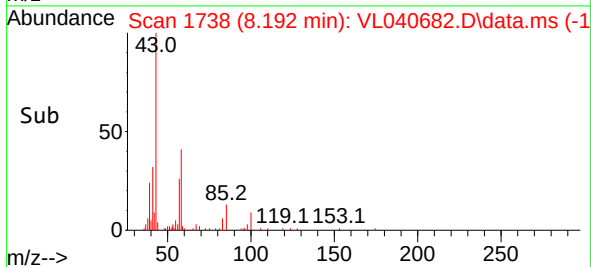
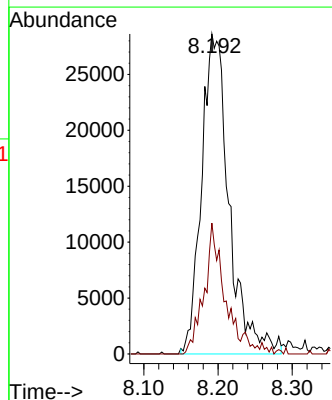
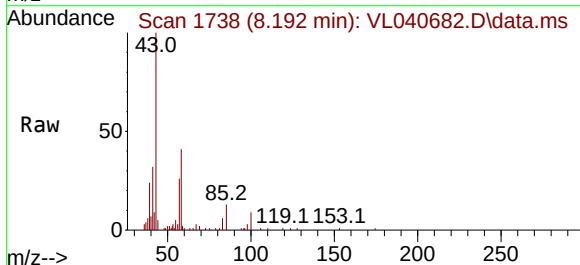
Manual Integrations
APPROVED

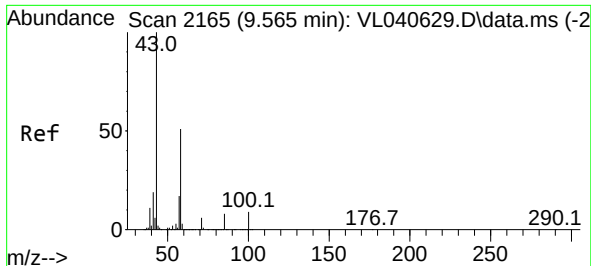
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#50
4-Methyl-2-Pentanone
Concen: 0.370 ppbv m
RT: 8.192 min Scan# 1738
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

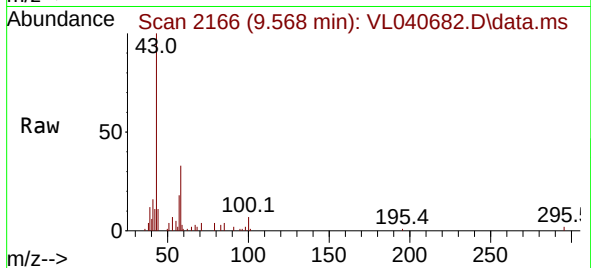
Tgt Ion: 43 Resp: 73780
Ion Ratio Lower Upper
43 100
58 31.9 29.2 43.8





#51
2-Hexanone
Concen: 0.326 ppbv m
RT: 9.568 min Scan# 2165
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

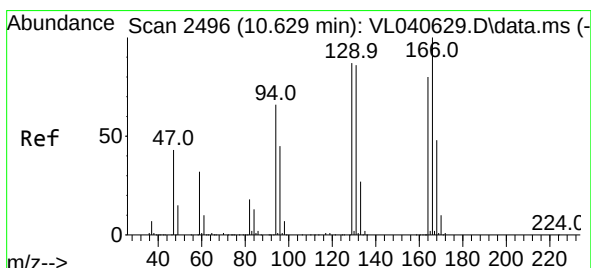
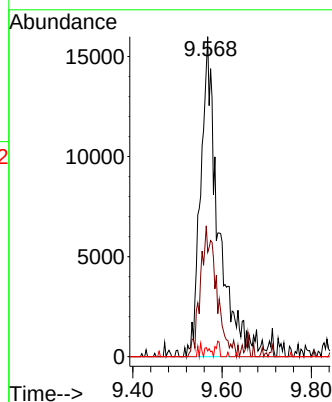
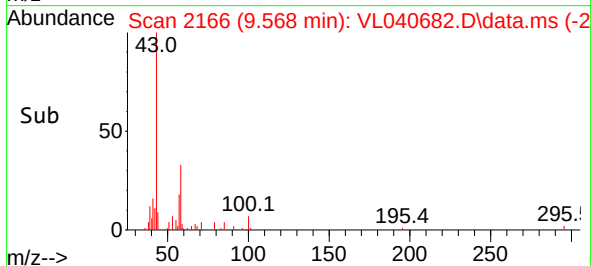
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 45899
Ion Ratio Lower Upper
43 100
58 38.1 39.4 59.2
98 0.0 0.4 0.6

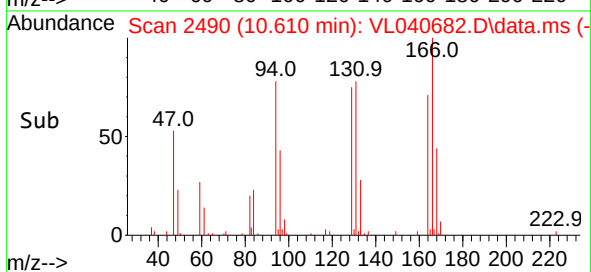
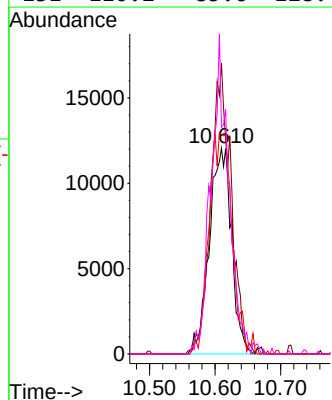
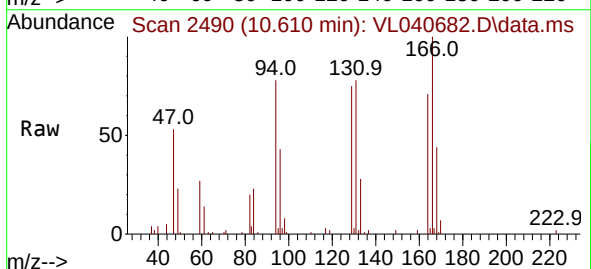
Manual Integrations
APPROVED

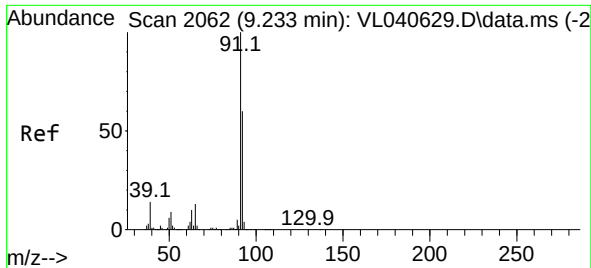
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#52
Tetrachloroethene
Concen: 0.424 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:164 Resp: 28588
Ion Ratio Lower Upper
164 100
166 141.3 99.5 149.3
129 106.7 86.9 130.3
131 110.2 85.6 128.4





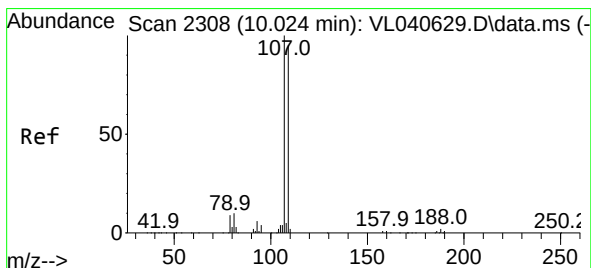
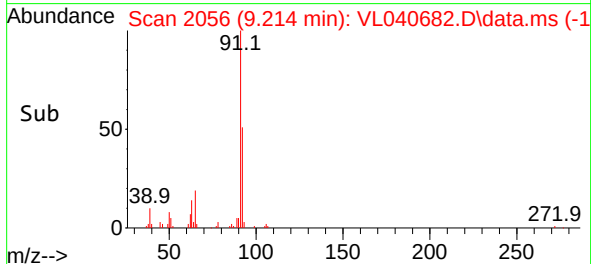
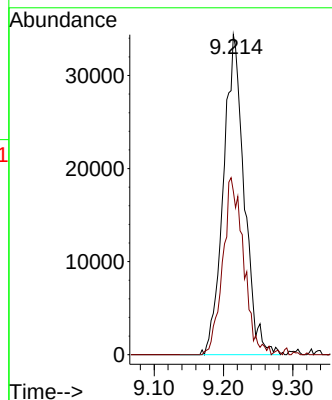
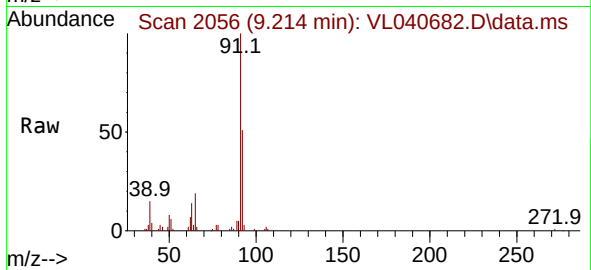
#53
Toluene
Concen: 0.314 ppbv m
RT: 9.214 min Scan# 2062
Delta R.T. -0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 7192
Ion Ratio Lower Upper
91 100
92 55.0 48.0 72.0

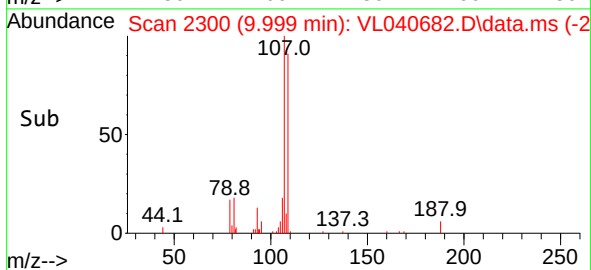
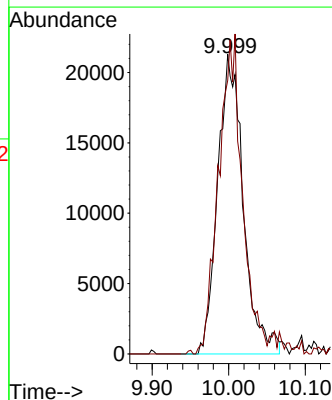
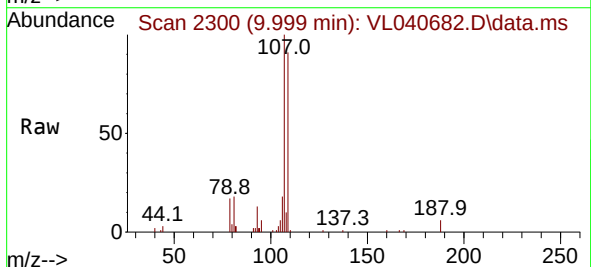
Manual Integrations
APPROVED

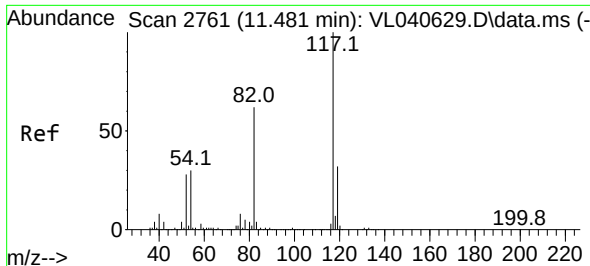
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#54
1,2-Dibromoethane
Concen: 0.418 ppbv m
RT: 9.999 min Scan# 2300
Delta R.T. -0.026 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

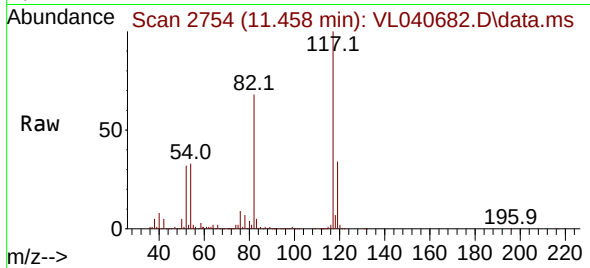
Tgt Ion:107 Resp: 49349
Ion Ratio Lower Upper
107 100
109 91.3 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.023 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

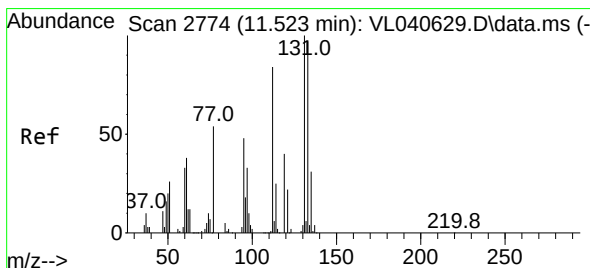
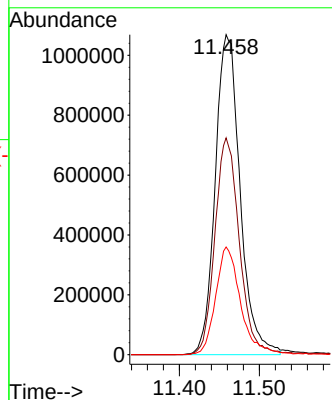
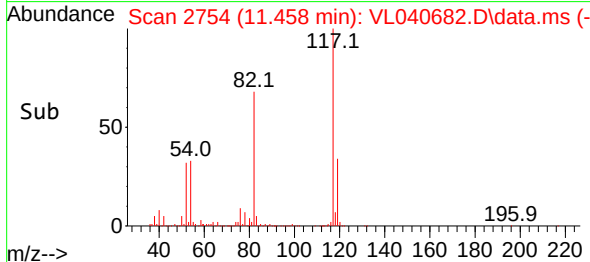
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 231077
Ion Ratio Lower Upper
117 100
82 67.4 49.5 74.3
119 34.0 24.5 36.7

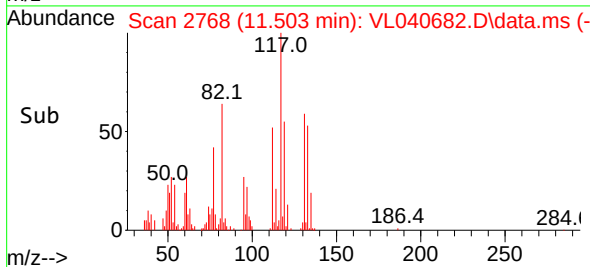
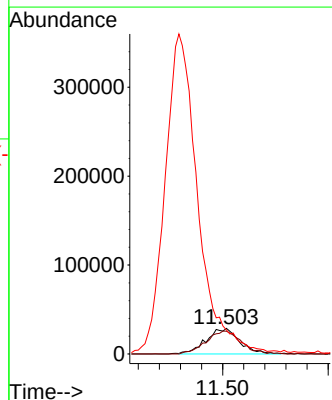
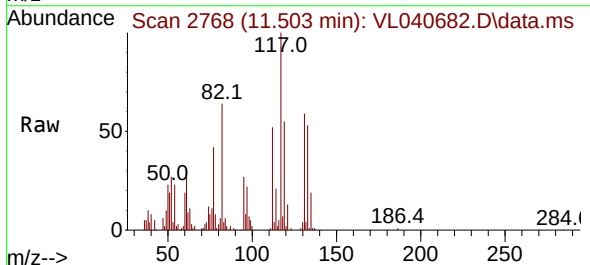
Manual Integrations
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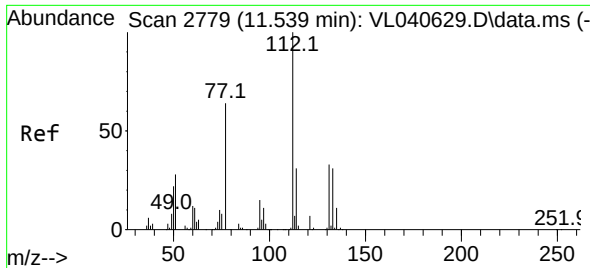
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.584 ppbv m
RT: 11.503 min Scan# 2768
Delta R.T. -0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

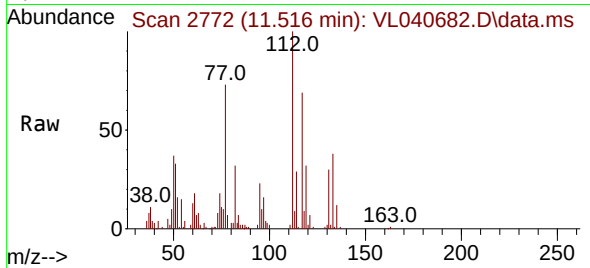
Tgt Ion:131 Resp: 62399
Ion Ratio Lower Upper
131 100
133 95.9 75.4 113.0
119 0.0 51.0 76.6#





#57
Chlorobenzene
Concen: 0.546 ppbv m
RT: 11.516 min Scan# 2772
Delta R.T. -0.022 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

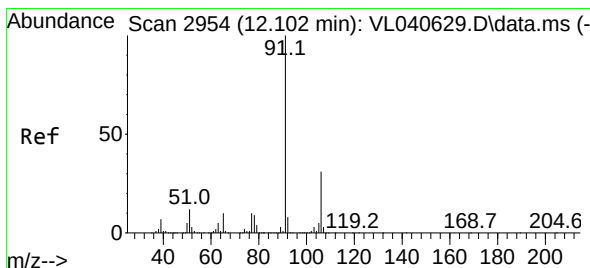
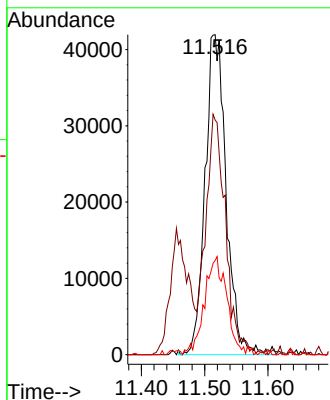
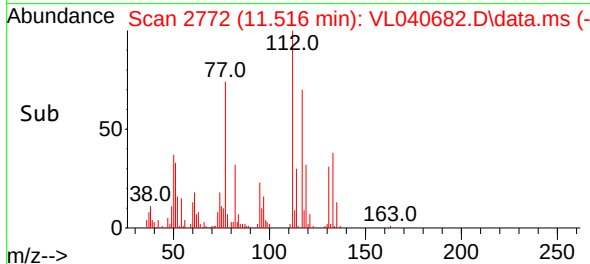
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:112 Resp: 97315
Ion Ratio Lower Upper
112 100
77 73.3 52.5 78.7
114 29.4 27.8 34.0

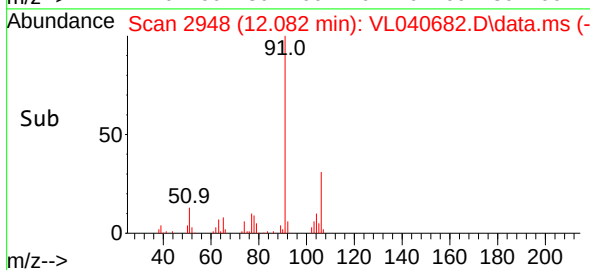
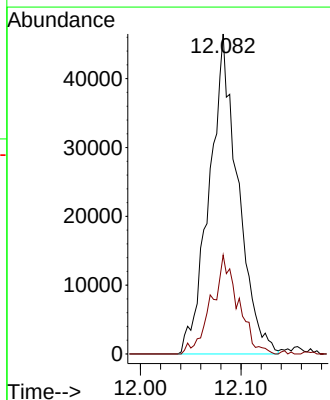
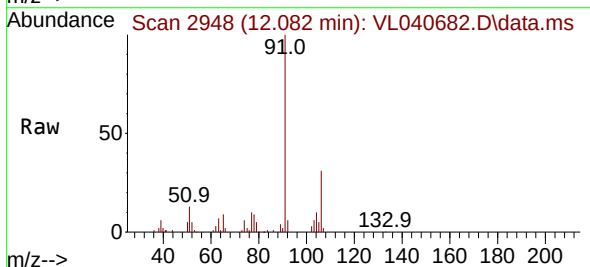
Manual Integrations
APPROVED

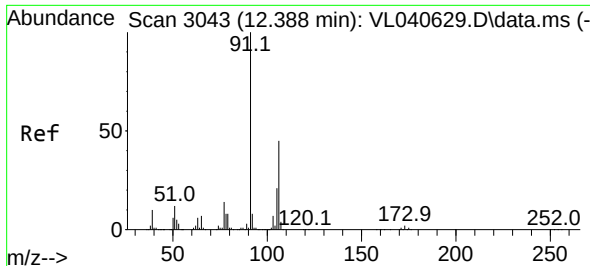
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#58
Ethyl Benzene
Concen: 0.331 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 91 Resp: 92184
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8





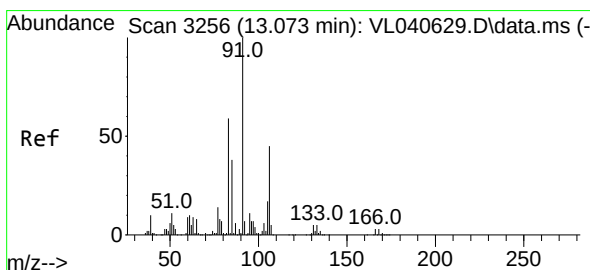
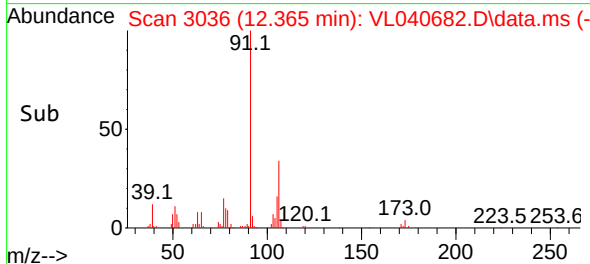
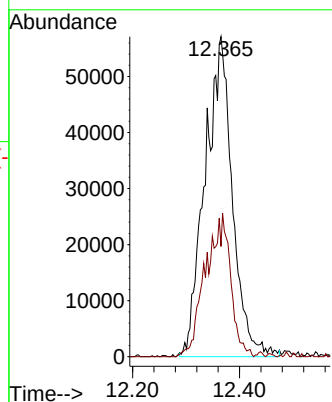
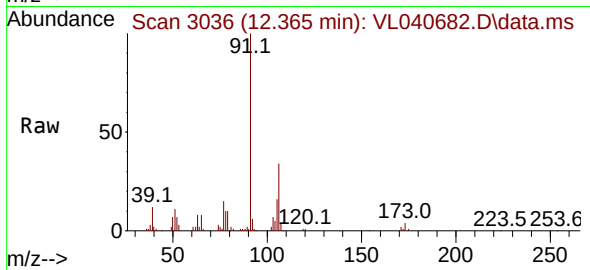
#59
m/p-Xylene
Concen: 0.799 ppbv m
RT: 12.365 min Scan# 3043
Delta R.T. -0.023 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 203029
Ion Ratio Lower Upper
91 100
106 40.8 35.3 52.9

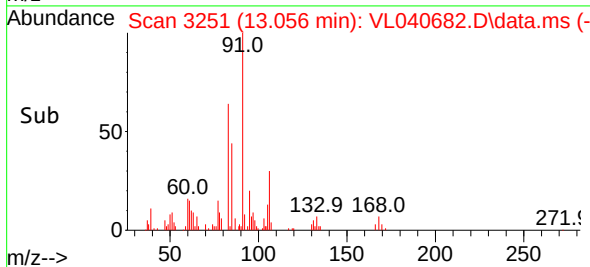
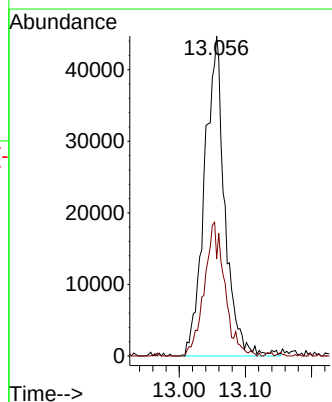
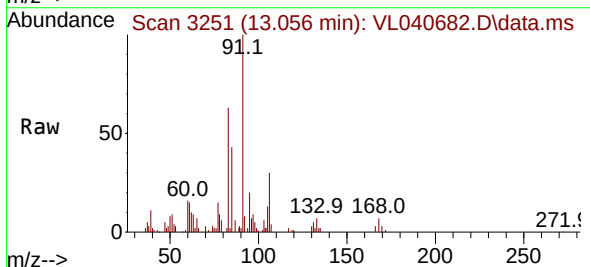
Manual Integrations
APPROVED

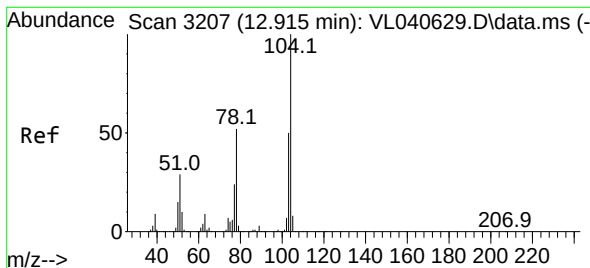
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#60
o-Xylene
Concen: 0.394 ppbv m
RT: 13.056 min Scan# 3251
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 91 Resp: 94973
Ion Ratio Lower Upper
91 100
106 42.1 22.5 67.5





#61

Styrene

Concen: 0.267 ppbv m

RT: 12.899 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

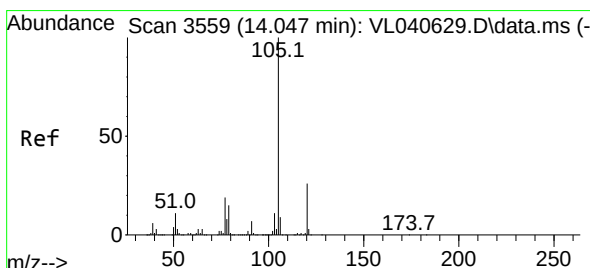
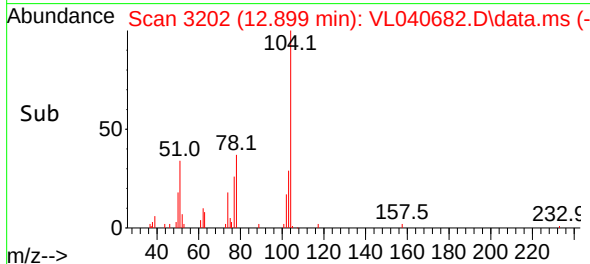
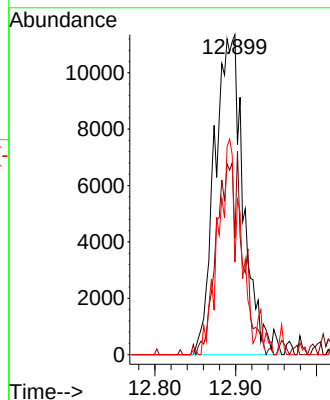
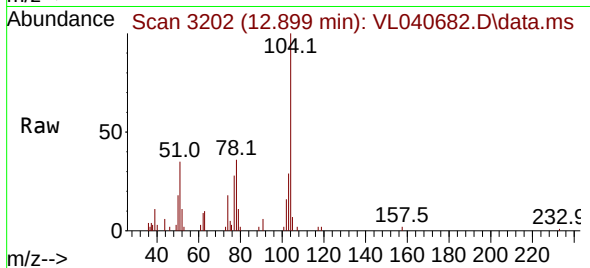
VSTDICC0.5

Tgt Ion:104 Resp: 2813
 Ion Ratio Lower Upper
 104 100
 78 0.0 41.0 61.4
 103 53.9 37.3 55.9

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.453 ppbv m

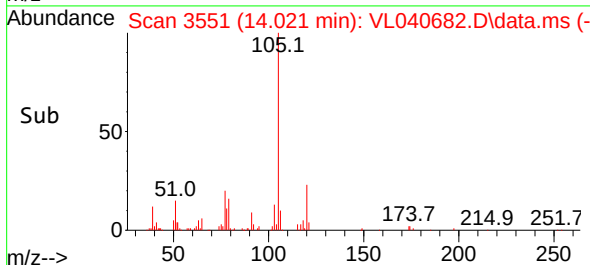
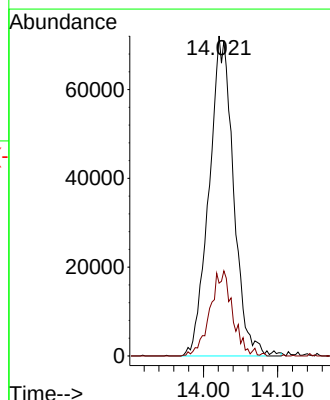
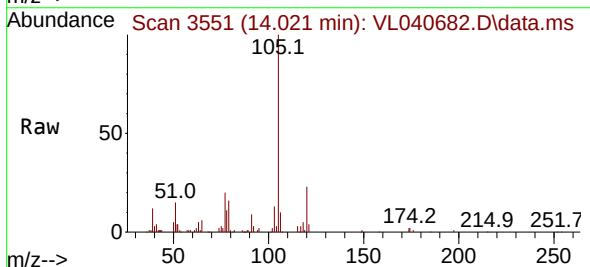
RT: 14.021 min Scan# 3551

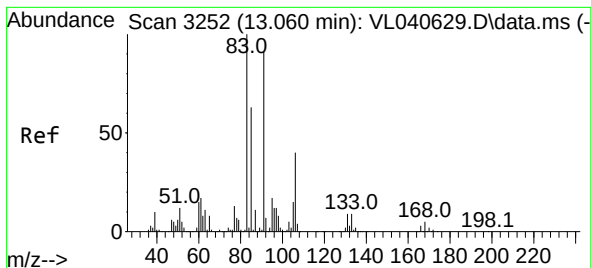
Delta R.T. -0.026 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

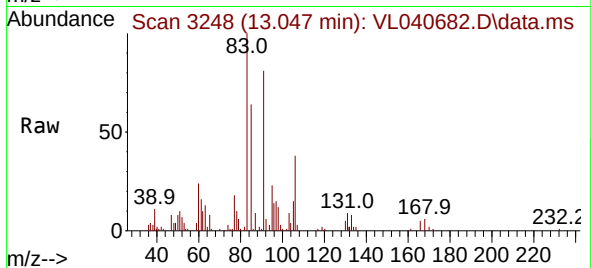
Tgt Ion:105 Resp: 165219
 Ion Ratio Lower Upper
 105 100
 120 0.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.565 ppbv
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

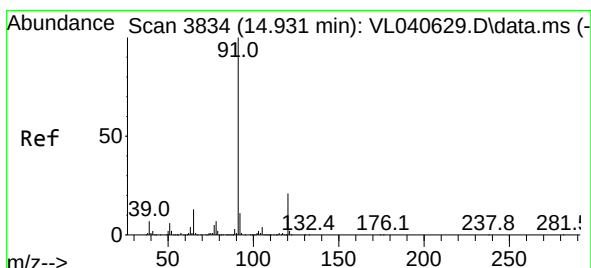
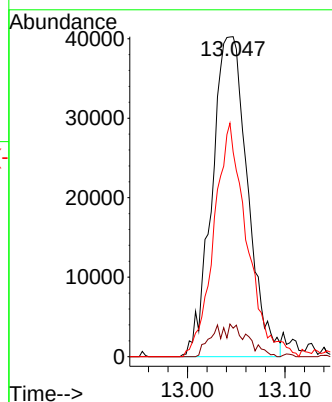
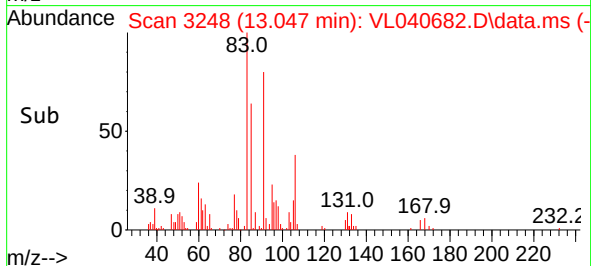
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



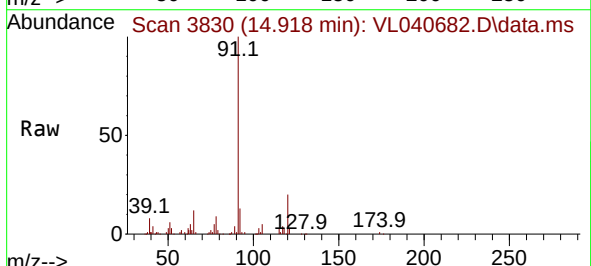
Tgt Ion: 83 Resp: 101969
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.7
85 67.5 32.4 97.2

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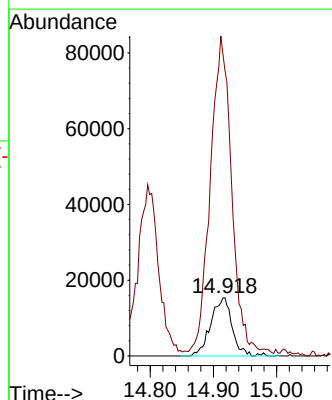
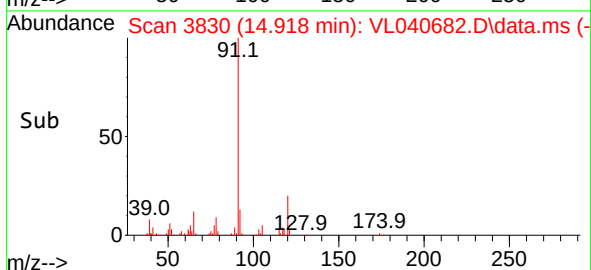
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

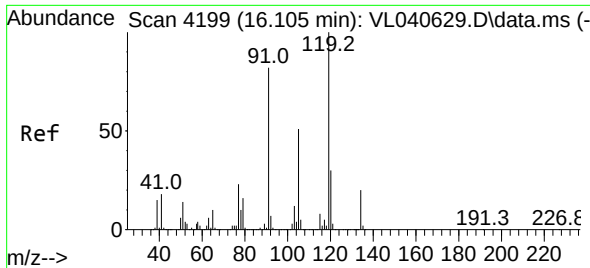


#64
n-propylbenzene
Concen: 0.391 ppbv m
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08



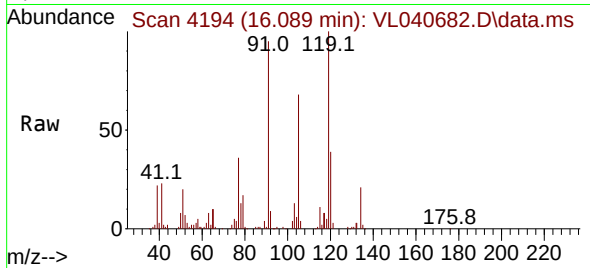
Tgt Ion:120 Resp: 36018
Ion Ratio Lower Upper
120 100
91 545.9 387.8 581.8





#65
tert-Butylbenzene
Concen: 0.421 ppbv
RT: 16.089 min Scan# 4199
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

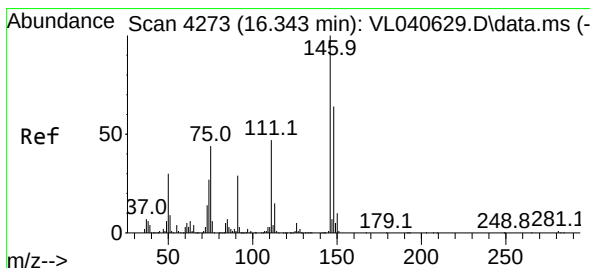
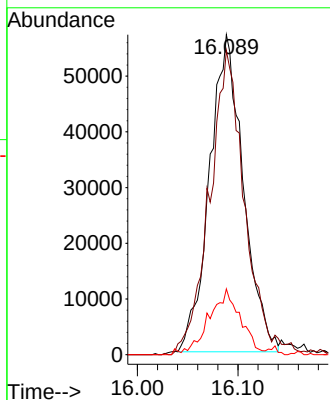
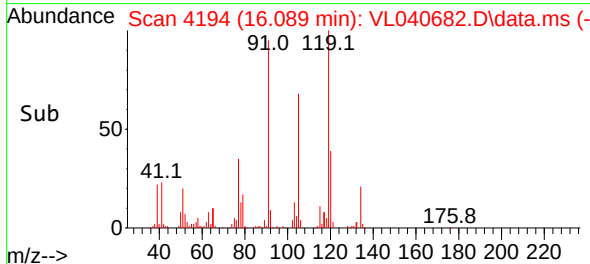
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 119 Resp: 13311
Ion Ratio Lower Upper
119 100
91 100.0 67.8 101.6
134 20.3 15.7 23.5

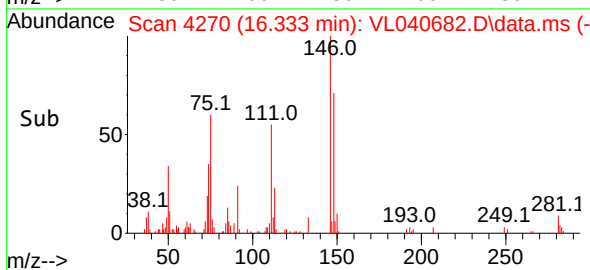
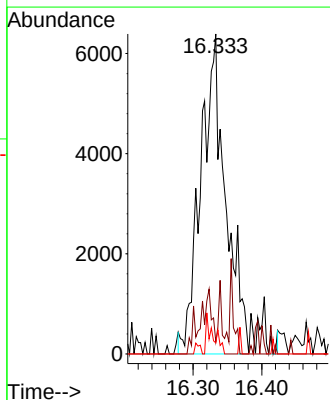
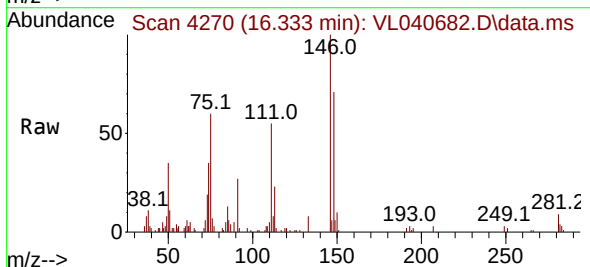
Manual Integrations
APPROVED

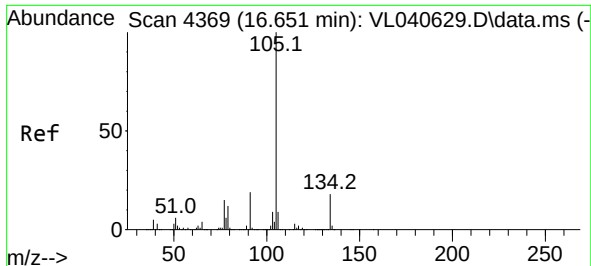
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#66
Benzyl Chloride
Concen: 0.429 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. -0.010 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 91 Resp: 17030
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 4.0 4.3 6.5#





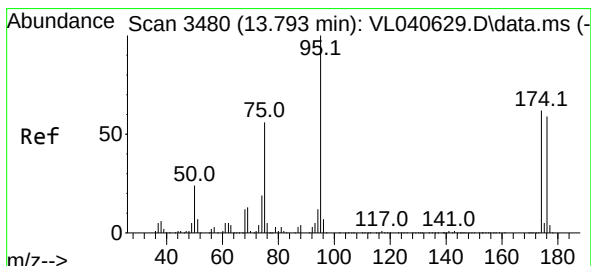
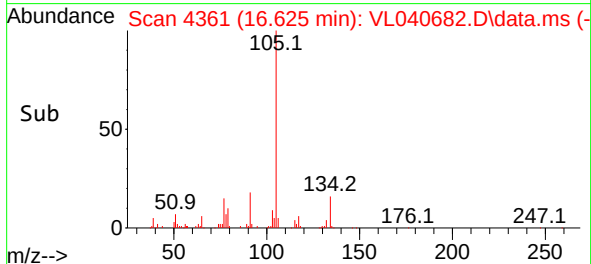
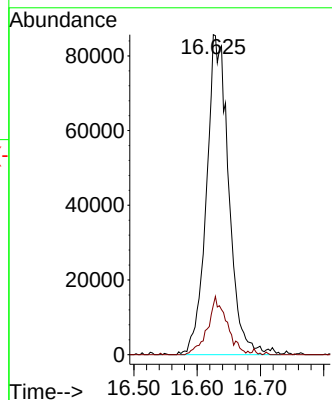
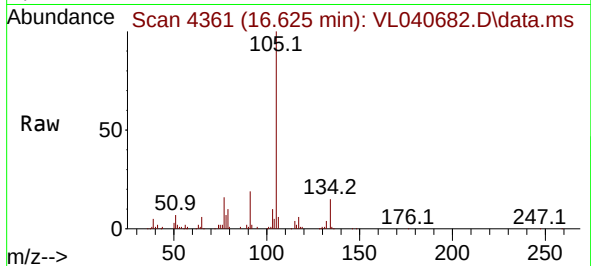
#67
 sec-Butylbenzene
 Concen: 0.455 ppbv m
 RT: 16.625 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 21000
 Ion Ratio Lower Upper
 105 100
 134 16.2 13.8 20.8

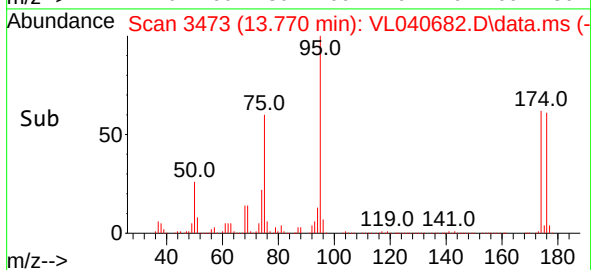
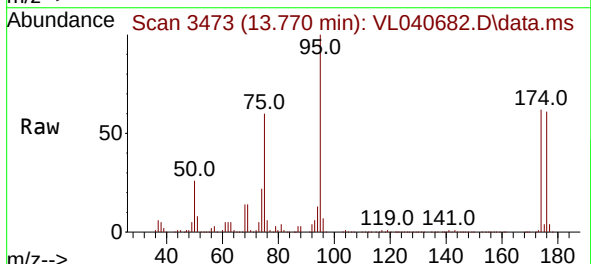
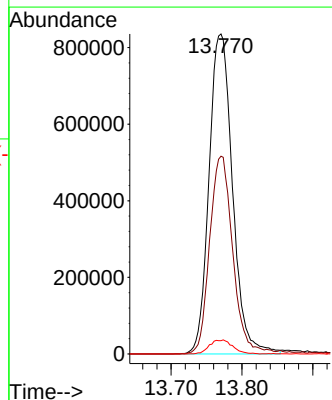
Manual Integrations
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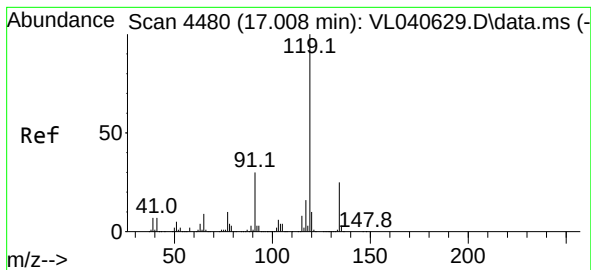
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.492 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.022 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion: 95 Resp: 1928099
 Ion Ratio Lower Upper
 95 100
 174 61.4 49.1 73.7
 175 4.4 3.7 5.5





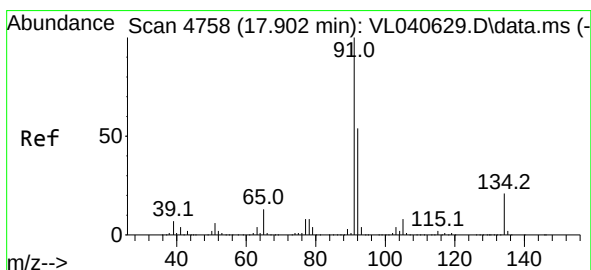
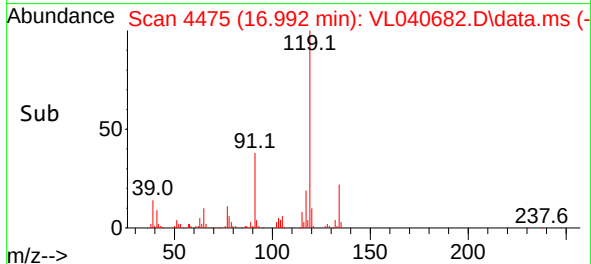
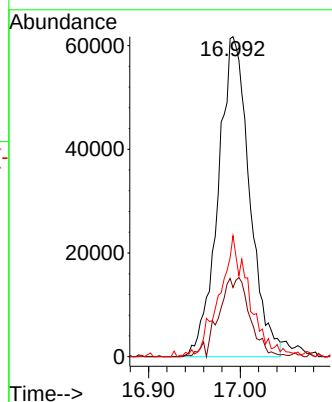
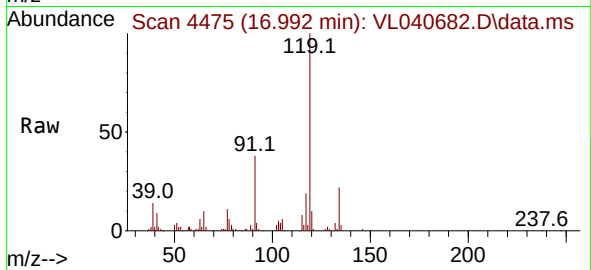
#69
p-Isopropyltoluene
Concen: 0.406 ppbv
RT: 16.992 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 146611
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 37.2 24.2 36.4

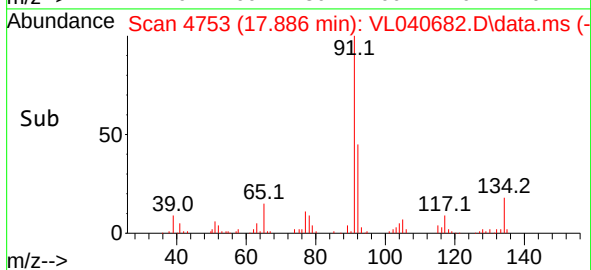
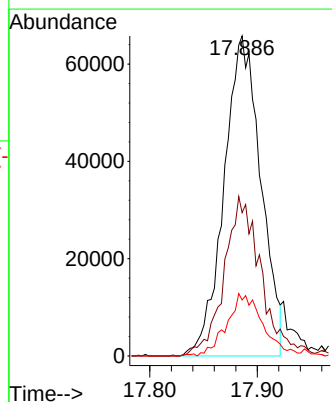
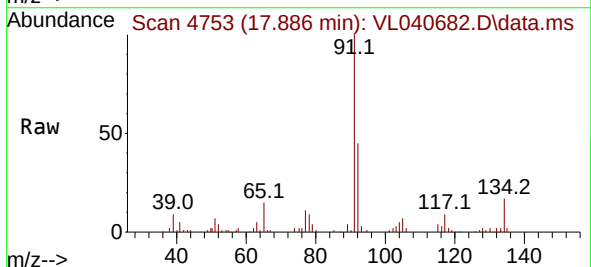
Manual Integrations
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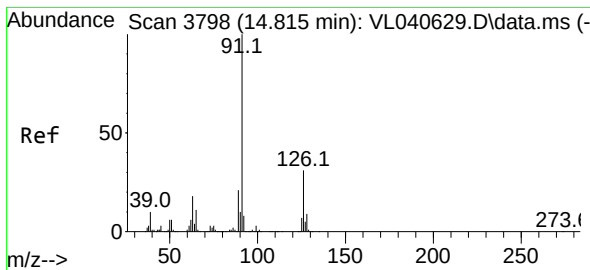
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#70
n-Butylbenzene
Concen: 0.397 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 91 Resp: 156389
Ion Ratio Lower Upper
91 100
92 50.7 42.9 64.3
134 19.7 17.0 25.6





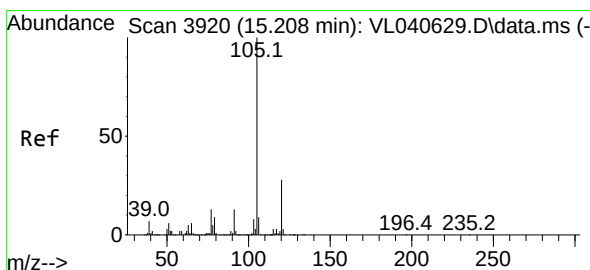
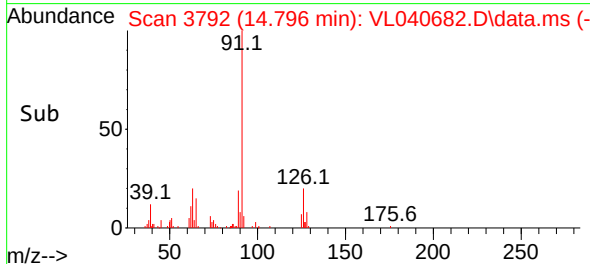
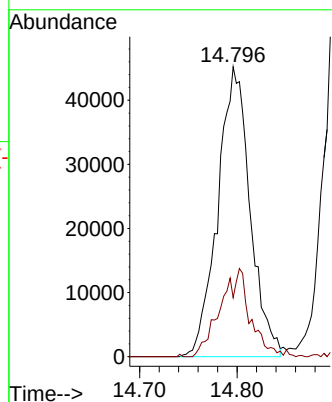
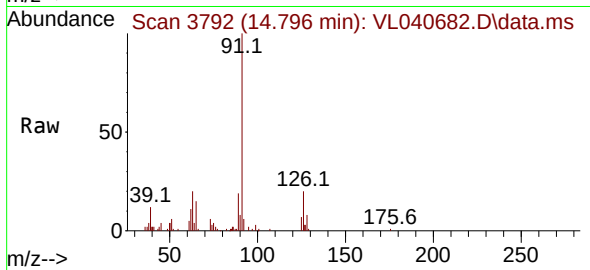
#71
2-Chlorotoluene
Concen: 0.384 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 103929
Ion Ratio Lower Upper
91 100
126 28.7 12.2 49.0

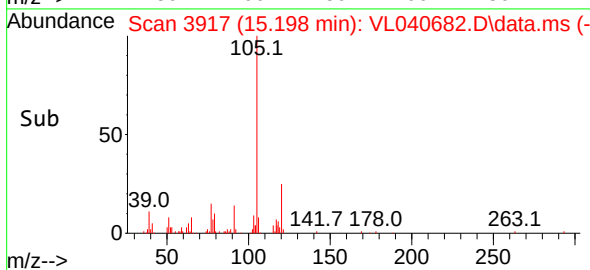
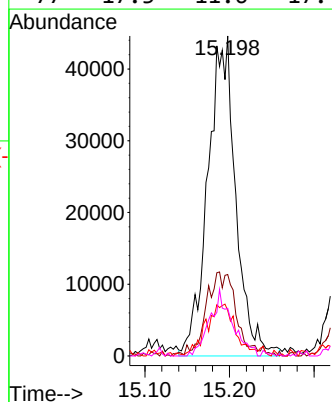
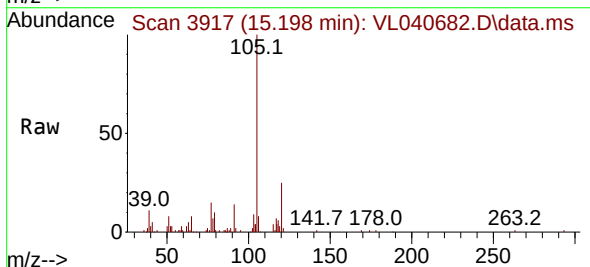
Manual Integrations
APPROVED

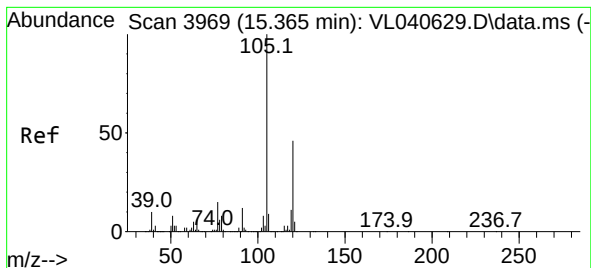
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#72
4-Ethyltoluene
Concen: 0.375 ppbv m
RT: 15.198 min Scan# 3917
Delta R.T. -0.010 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:105 Resp: 101856
Ion Ratio Lower Upper
105 100
120 28.9 23.0 34.6
91 0.0 10.9 16.3#
77 17.3 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.430 ppbv m

RT: 15.349 min Scan# 3964

Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 10446

Ion Ratio Lower Upper

105 100

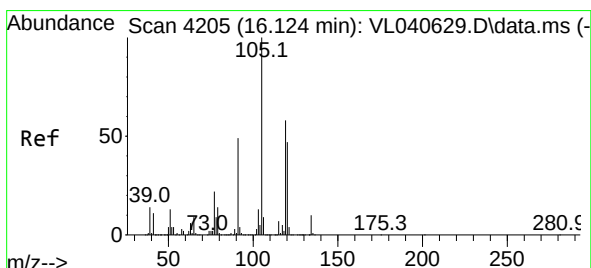
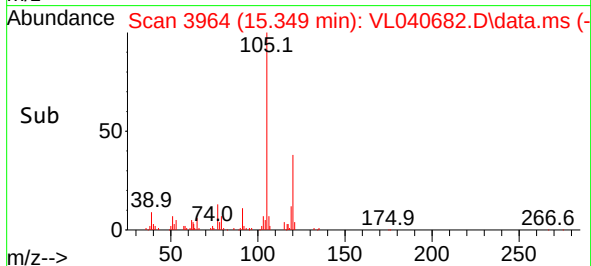
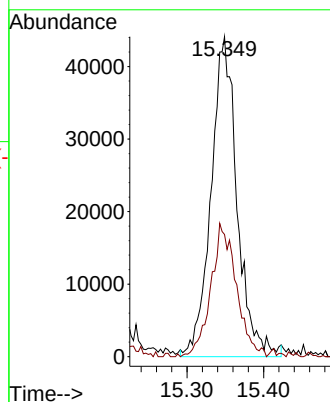
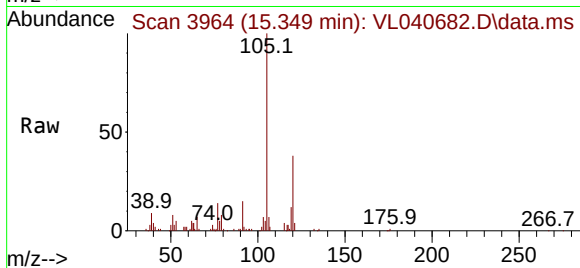
120 38.2 36.5 54.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.495 ppbv m

RT: 16.098 min Scan# 4197

Delta R.T. -0.026 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Tgt Ion:105 Resp: 140679

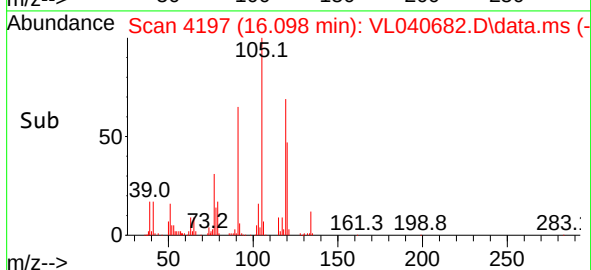
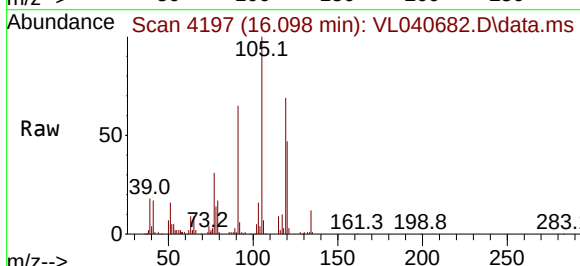
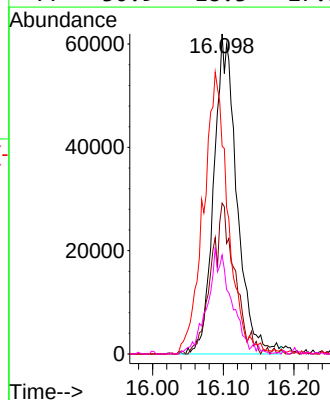
Ion Ratio Lower Upper

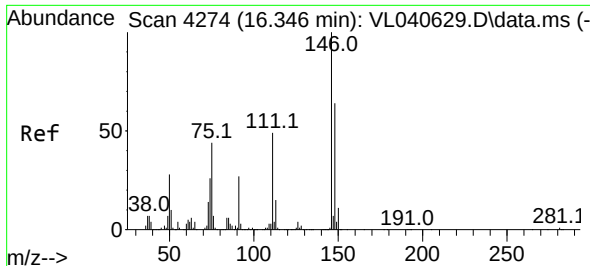
105 100

120 47.1 37.7 56.5

91 65.0 41.2 61.8#

77 30.9 18.3 27.5#





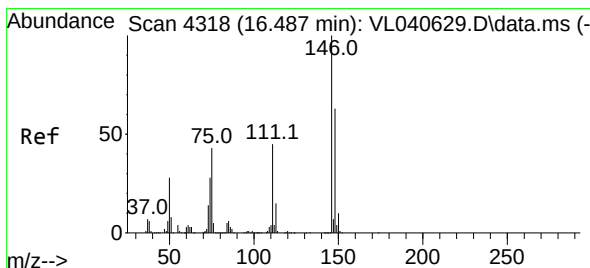
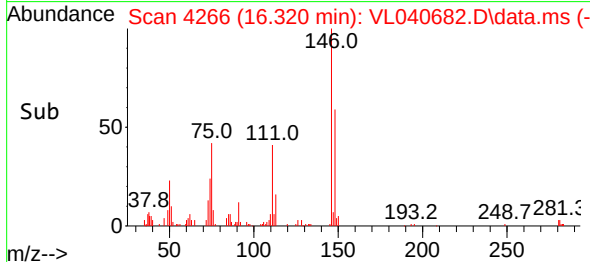
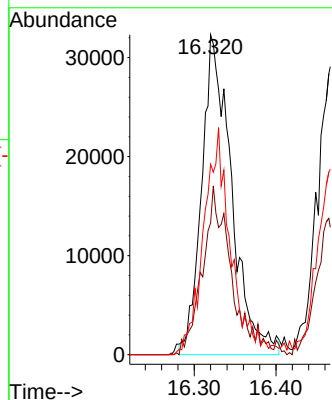
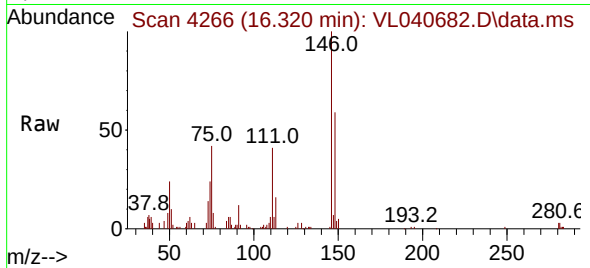
#75
1,3-Dichlorobenzene
Concen: 0.500 ppbv m
RT: 16.320 min Scan# 4312
Delta R.T. -0.026 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 82009
Ion Ratio Lower Upper
146 100
111 51.1 23.7 71.1
148 0.0 31.7 95.1

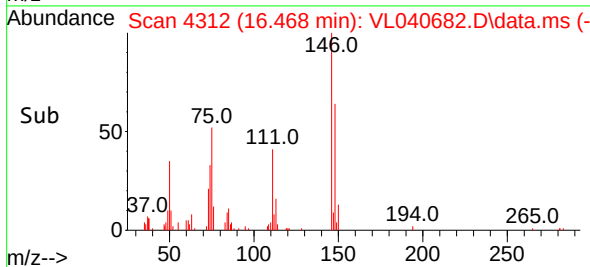
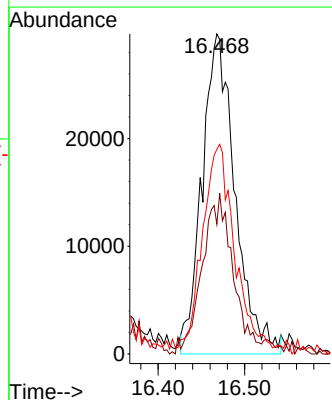
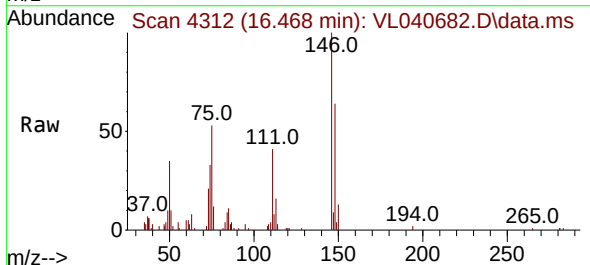
Manual Integrations
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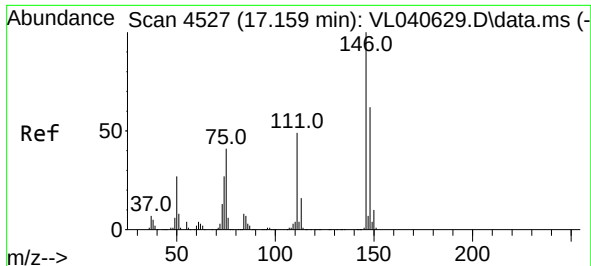
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#76
1,4-Dichlorobenzene
Concen: 0.490 ppbv m
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

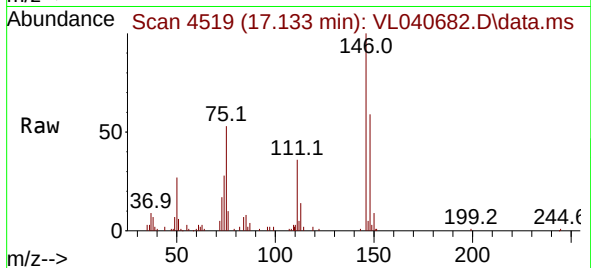
Tgt Ion:146 Resp: 78716
Ion Ratio Lower Upper
146 100
111 48.3 23.2 69.5
148 67.7 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 0.546 ppbv m
RT: 17.133 min Scan# 4519
Delta R.T. -0.026 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

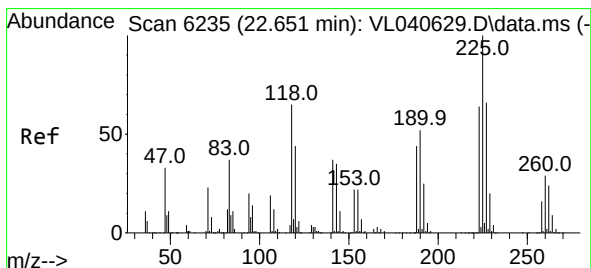
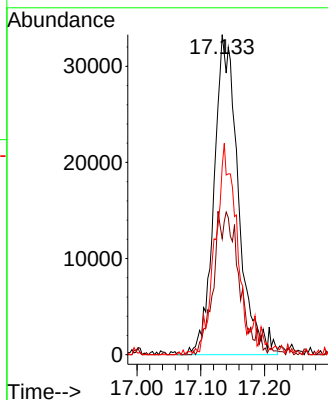
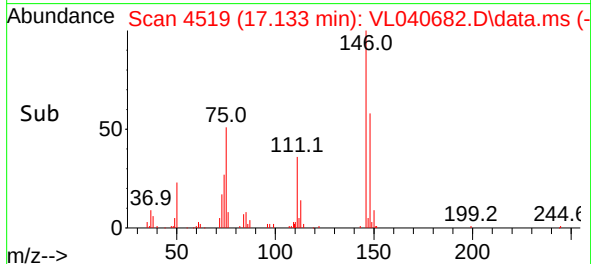
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



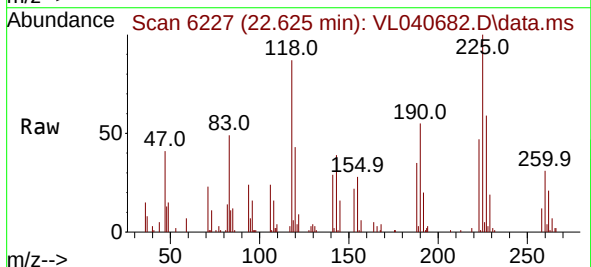
Tgt Ion:146 Resp: 8824
Ion Ratio Lower Upper
146 100
111 48.1 24.6 74.0
148 62.3 32.1 96.5

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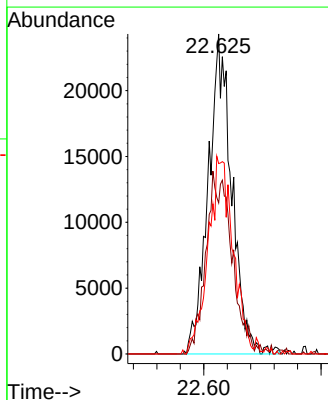
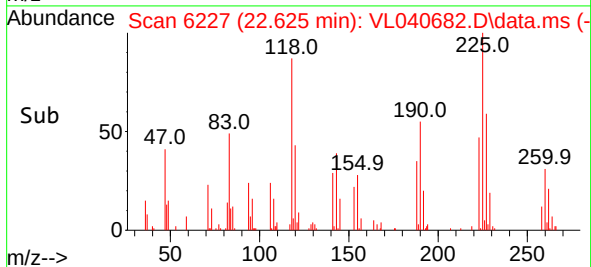
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

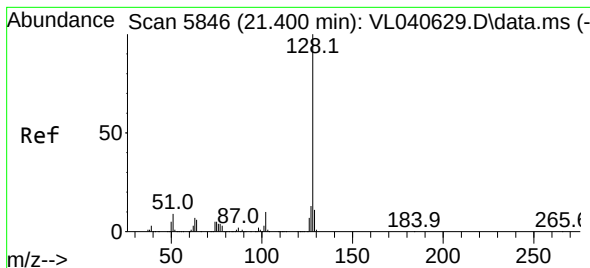


#78
Hexachloro-1,3-Butadiene
Concen: 0.552 ppbv m
RT: 22.625 min Scan# 6227
Delta R.T. -0.026 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08



Tgt Ion:225 Resp: 67598
Ion Ratio Lower Upper
225 100
223 0.0 50.6 76.0#
227 0.0 51.2 76.8#





#79

Naphthalene

Concen: 0.347 ppbv m

RT: 21.384 min Scan# 5846

Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

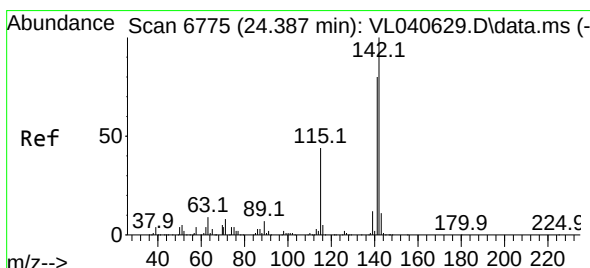
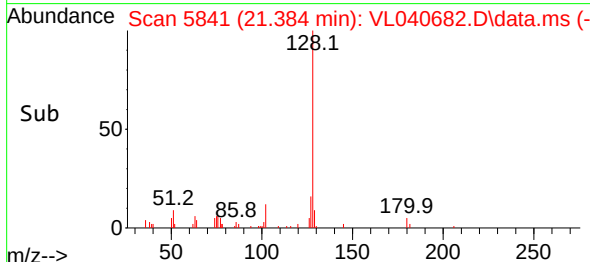
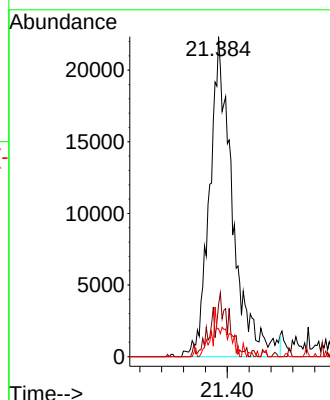
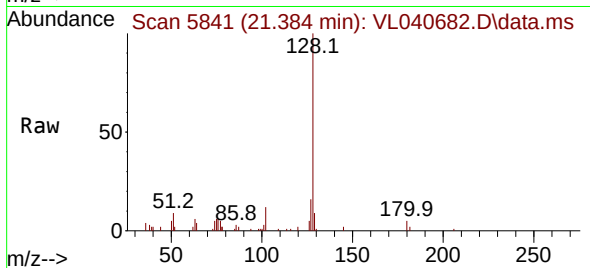
VSTDIC0.5

Tgt Ion:	128	Resp:	6505
Ion Ratio	Lower	Upper	
128	100		
127	16.3	10.1	15.1
129	8.7	9.2	13.8

Manual Integrations

APPROVED

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



#80

Naphthalene,2-methyl-

Concen: 0.194 ppbv m

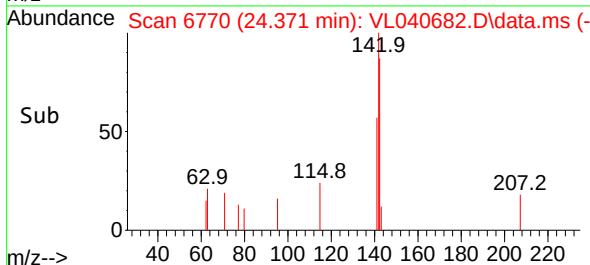
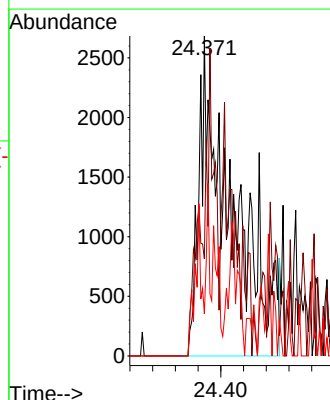
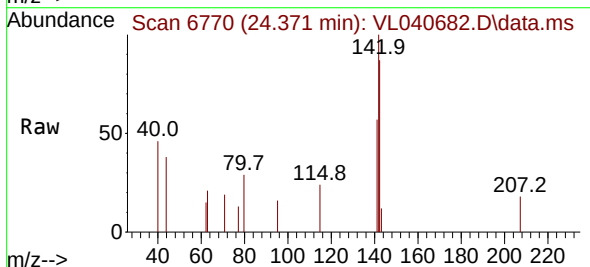
RT: 24.371 min Scan# 6770

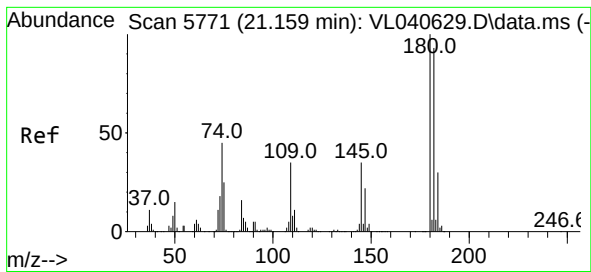
Delta R.T. -0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

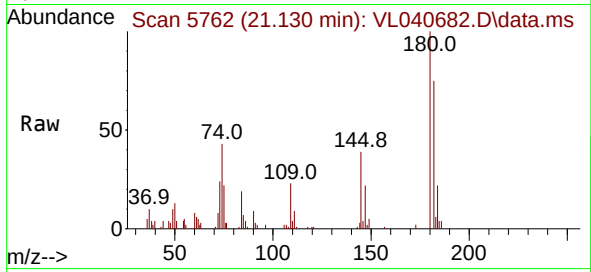
Tgt Ion:	142	Resp:	10488
Ion Ratio	Lower	Upper	
142	100		
141	46.4	64.6	96.8
115	14.6	33.7	50.5





#81
1,2,4-Trichlorobenzene
Concen: 0.368 ppbv m
RT: 21.130 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	78.0	117.0
184	0.0	24.6	36.8

Manual Integrations
APPROVED

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

