

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040686.D
 Acq On : 14 Sep 2023 15:44
 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 16:30:55 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 15:02:53 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1179873	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3083328	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2596570	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.773 95 2066579 10.007 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.719	85	150599	0.593	ppbv	95
3) Chlorodifluoromethane	2.664	51	104728	0.541	ppbv	99
4) Chloromethane	2.803	50	36135	0.478	ppbv	91
5) Vinyl Chloride	2.912	62	45288	0.564	ppbv	88
6) Bromomethane	3.108	94	21645	0.515	ppbv	96
7) Chloroethane	3.182	64	15639	0.534	ppbv #	88
8) Dichlorotetrafluoroethane	2.848	85	112038	0.545	ppbv	94
9) Propene	2.681	41	29099	0.485	ppbv	98
10) Heptane	7.571	43	54871	0.397	ppbv	95
11) Trichlorofluoromethane	3.552	101	122796	0.599	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.050	101	84777	0.557	ppbv	100
13) Ethanol	3.246	45	8812m	0.526	ppbv	
14) Bromoethene	3.353	108	35283	0.571	ppbv	98
15) Acetone	3.472	43	87641	0.607	ppbv	90
16) 1,3-Butadiene	2.976	39	28350	0.395	ppbv #	68
17) tert-Butyl alcohol	3.880	59	83182	0.543	ppbv	99
18) 1,1-Dichloroethene	3.870	96	37830	0.548	ppbv	98
19) Isopropyl Alcohol	3.584	45	46136m	0.504	ppbv	
20) Methylene Chloride	3.925	84	57344	0.813	ppbv #	85
21) Allyl Chloride	3.986	41	49266	0.516	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	36534	0.539	ppbv	93
23) Vinyl Acetate	4.623	43	70779	0.430	ppbv #	92
24) 1,1-Dichloroethane	4.552	63	77831	0.553	ppbv	99
25) Ethyl Acetate	5.201	43	120281	0.444	ppbv	98
26) Hexane	5.205	57	61415	0.468	ppbv	93
27) Carbon Disulfide	4.111	76	75051	0.481	ppbv #	80
28) Methyl tert-Butyl Ether	4.587	73	49068	0.484	ppbv	94
29) Chloroform	5.262	83	109121	0.526	ppbv	97
30) Cyclohexane	6.594	84	39961m	0.398	ppbv	
31) cis-1,2-Dichloroethene	5.070	61	53015	0.448	ppbv #	82
32) 1,1,1-Trichloroethane	5.996	97	104373	0.525	ppbv	97
34) 2-Butanone	4.793	43	80416m	0.517	ppbv	
35) Carbon Tetrachloride	6.481	117	103493	0.536	ppbv #	95
36) Benzene	6.362	78	111584	0.455	ppbv	97
37) 1,2-Dichloroethane	5.803	62	81023m	0.548	ppbv	
38) Trichloroethene	7.285	130	42926m	0.452	ppbv	
39) 1,2-Dichloropropane	7.063	63	44651m	0.478	ppbv	
40) 1,4-Dioxane	7.314	88	12170m	0.344	ppbv	
41) Tetrahydrofuran	5.574	42	37811m	0.430	ppbv	
42) Bromodichloromethane	7.243	83	100846	0.490	ppbv	96
43) Methyl Methacrylate	7.478	69	35001m	0.381	ppbv	
44) 2,2,4-Trimethylpentane	7.323	57	156781	0.395	ppbv #	89
45) t-1,3-Dichloropropene	8.706	75	23934m	0.326	ppbv	

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Manual Integrations
 APPROVED

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 Supervised By :Mahesh Dadoda 09/15/2023

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

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

QLast Update : Thu Sep 14 15:02:53 2023

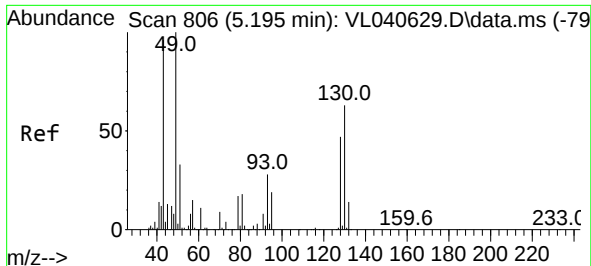
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	30551m	0.341	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	51182	0.486	ppbv	89
48) Dibromochloromethane	9.703	129	68529	0.415	ppbv	92
49) Bromoform	12.404	173	57228m	0.433	ppbv	
50) 4-Methyl-2-Pentanone	8.192	43	86641m	0.381	ppbv	
51) 2-Hexanone	9.568	43	55283m	0.345	ppbv	
52) Tetrachloroethene	10.610	164	35652m	0.464	ppbv	
53) Toluene	9.214	91	90816m	0.348	ppbv	
54) 1,2-Dibromoethane	10.002	107	58769	0.438	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.507	131	64627m	0.538	ppbv	
57) Chlorobenzene	11.523	112	101641	0.507	ppbv #	94
58) Ethyl Benzene	12.082	91	119931	0.383	ppbv	96
59) m/p-Xylene	12.371	91	243566m	0.853	ppbv	
60) o-Xylene	13.053	91	111196	0.411	ppbv	99
61) Styrene	12.902	104	37038m	0.312	ppbv	
62) Isopropylbenzene	14.021	105	185947m	0.454	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	111583	0.550	ppbv	99
64) n-propylbenzene	14.912	120	40612	0.392	ppbv	71
65) tert-Butylbenzene	16.095	119	158195m	0.445	ppbv	
66) Benzyl Chloride	16.346	91	17923m	0.401	ppbv	
67) sec-Butylbenzene	16.632	105	232204m	0.448	ppbv	
69) p-Isopropyltoluene	16.998	119	167249	0.413	ppbv	94
70) n-Butylbenzene	17.895	91	191262m	0.432	ppbv	
71) 2-Chlorotoluene	14.796	91	122803	0.404	ppbv	97
72) 4-Ethyltoluene	15.195	105	115790	0.379	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.352	105	109668	0.401	ppbv	93
74) 1,2,4-Trimethylbenzene	16.104	105	153974	0.483	ppbv #	91
75) 1,3-Dichlorobenzene	16.330	146	87935m	0.477	ppbv	
76) 1,4-Dichlorobenzene	16.474	146	86779m	0.481	ppbv	
77) 1,2-Dichlorobenzene	17.143	146	94208m	0.519	ppbv	
78) Hexachloro-1,3-Butadiene	22.635	225	75334m	0.547	ppbv	
79) Naphthalene	21.394	128	78386m	0.372	ppbv	
80) Naphthalene,2-methyl-	24.374	142	12557m	0.207	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	55043m	0.397	ppbv	

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

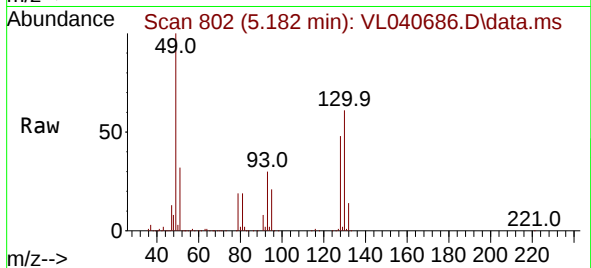
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

[illegible]



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

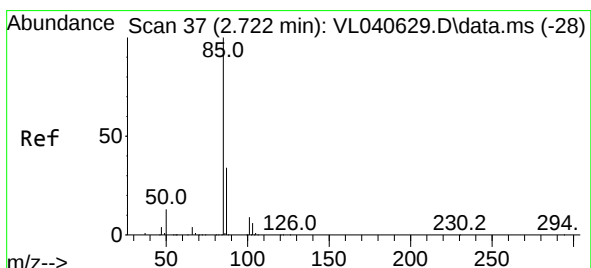
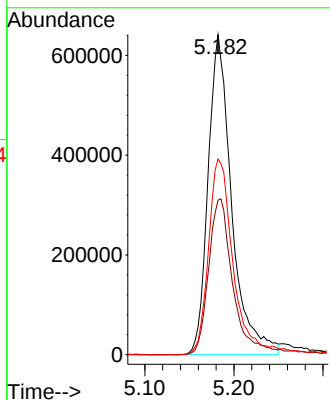
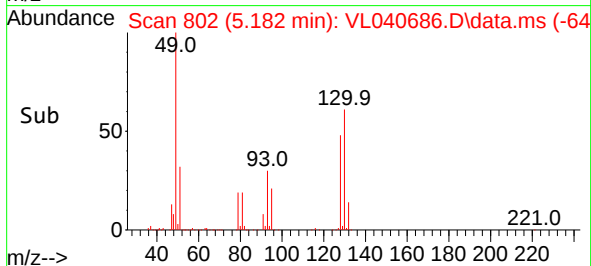
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 49 Resp: 117987
Ion Ratio Lower Upper
49 100
128 51.9 25.4 76.0
130 66.4 32.3 96.8

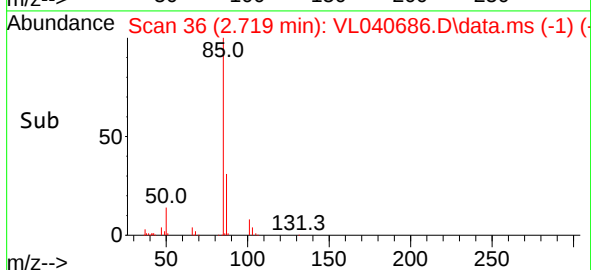
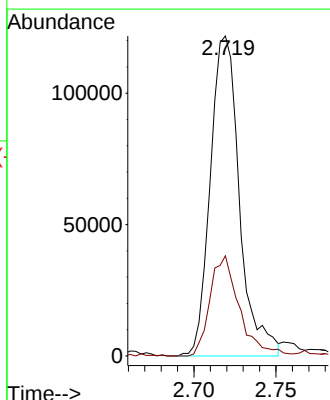
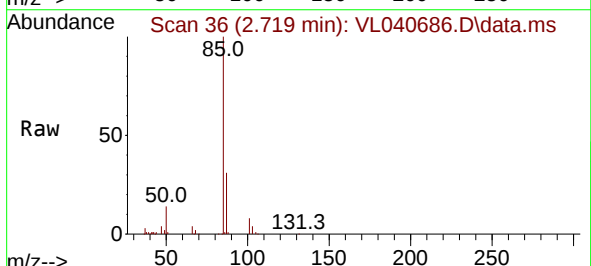
Manual Integrations
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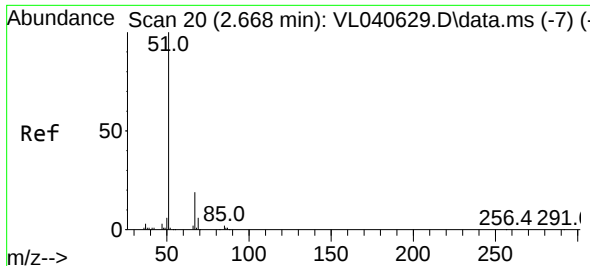
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#2
Dichlorodifluoromethane
Concen: 0.593 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

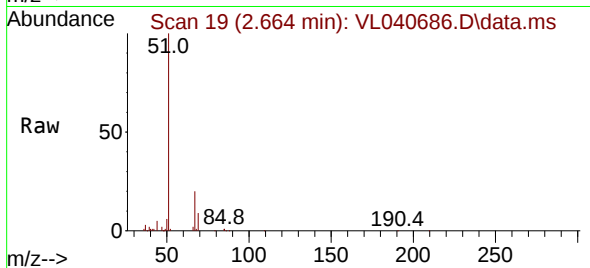
Tgt Ion: 85 Resp: 150599
Ion Ratio Lower Upper
85 100
87 31.3 27.2 40.8





#3
Chlorodifluoromethane
Concen: 0.541 ppbv
RT: 2.664 min Scan# 19
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

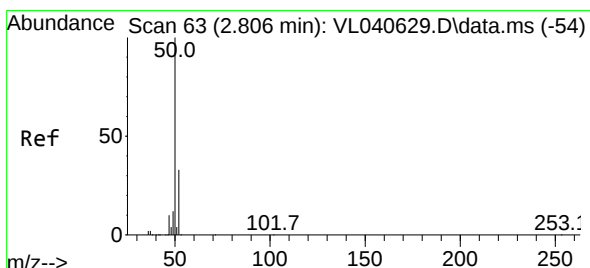
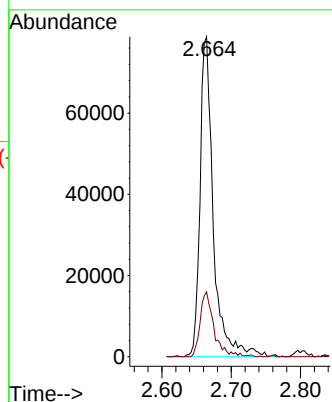
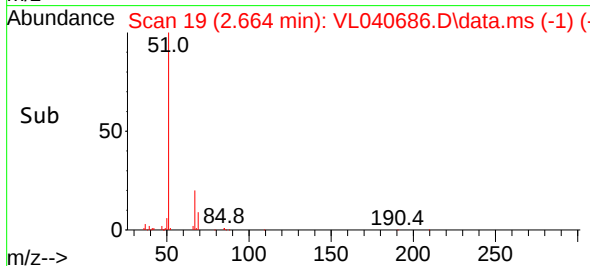
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 51 Resp: 104728
Ion Ratio Lower Upper
51 100
67 21.2 16.7 25.1

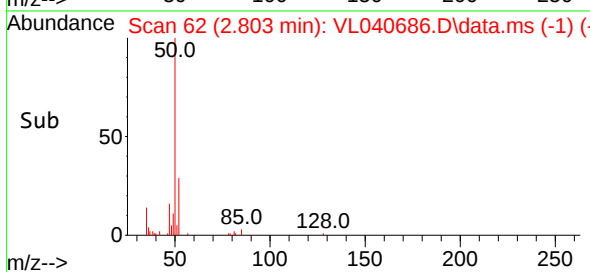
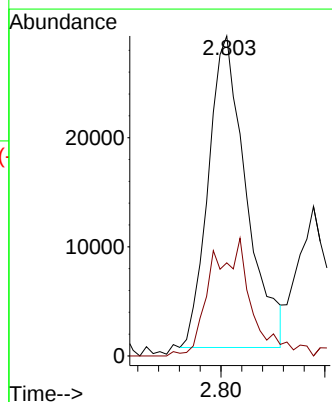
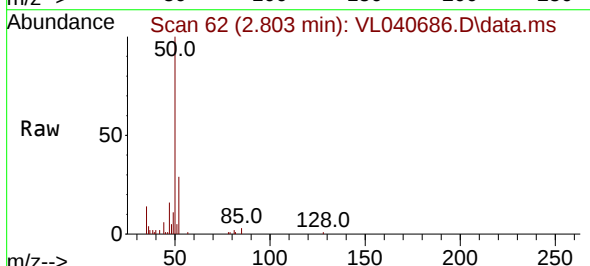
Manual Integrations
APPROVED

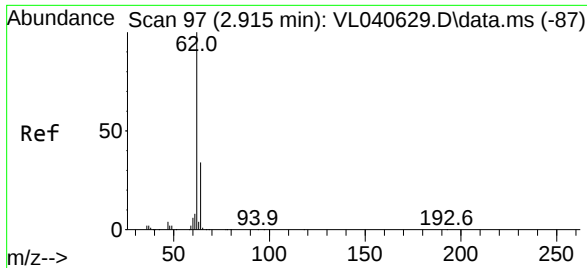
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#4
Chloromethane
Concen: 0.478 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

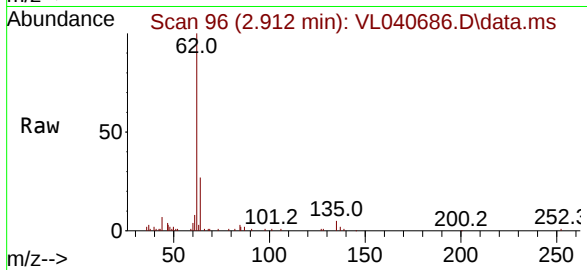
Tgt Ion: 50 Resp: 36135
Ion Ratio Lower Upper
50 100
52 29.0 27.1 40.7





#5
 Vinyl Chloride
 Concen: 0.564 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

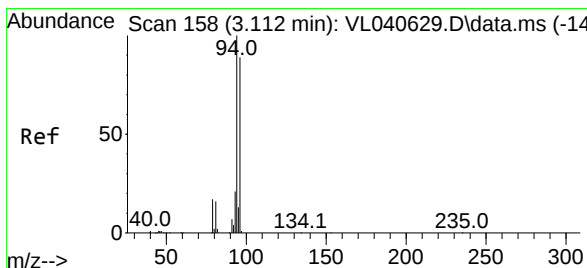
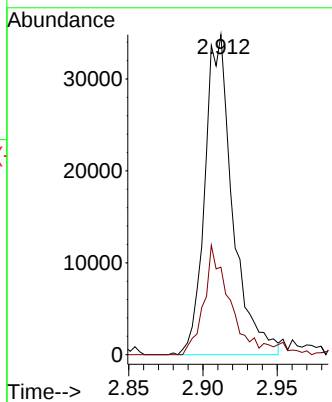
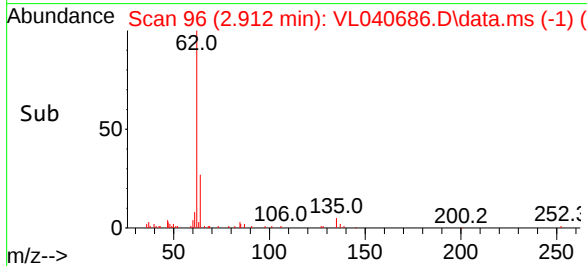
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



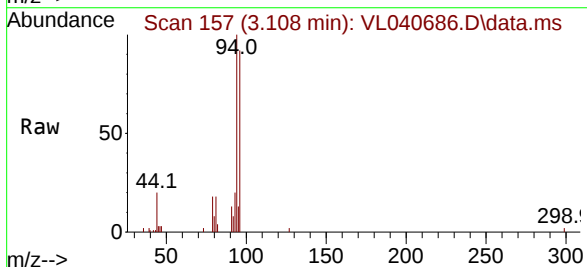
Tgt Ion: 62 Resp: 45288
 Ion Ratio Lower Upper
 62 100
 64 27.3 27.2 40.8

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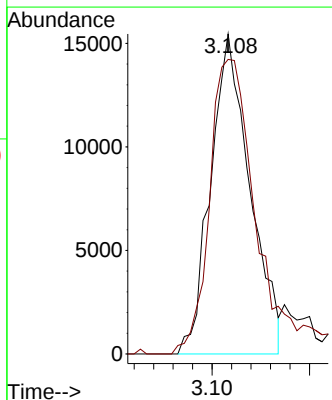
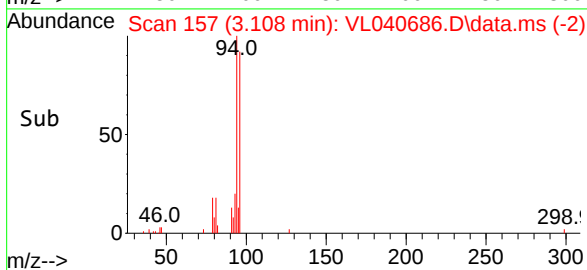
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

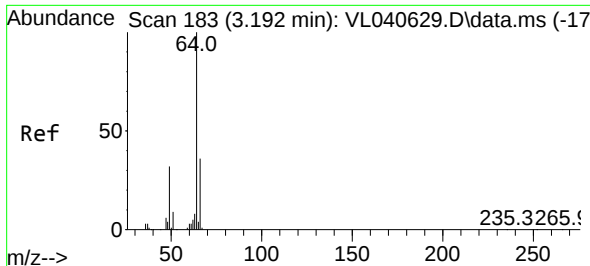


#6
 Bromomethane
 Concen: 0.515 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44



Tgt Ion: 94 Resp: 21645
 Ion Ratio Lower Upper
 94 100
 96 89.4 74.4 111.6





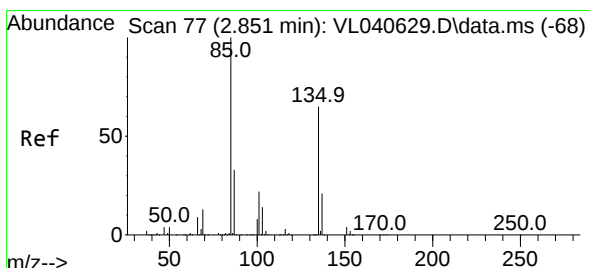
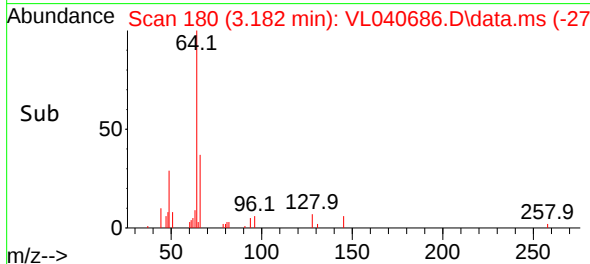
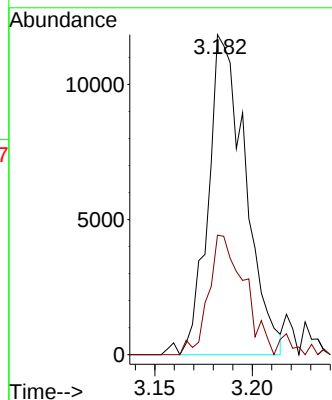
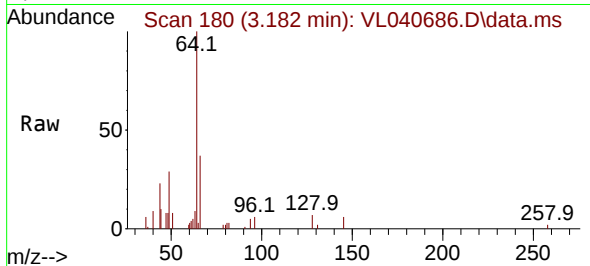
#7
Chloroethane
Concen: 0.534 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 15639
Ion Ratio Lower Upper
64 100
66 37.4 24.5 36.7

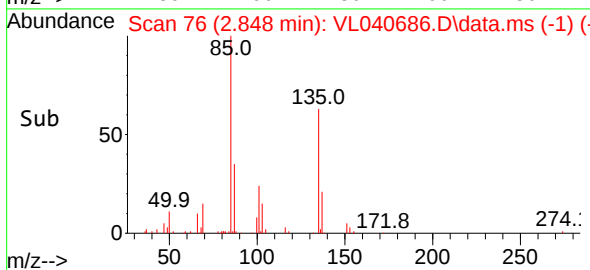
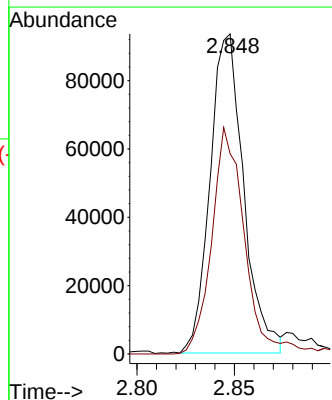
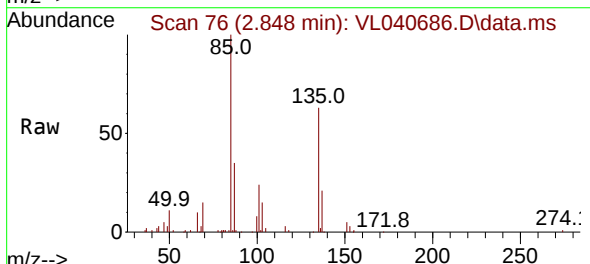
Manual Integrations
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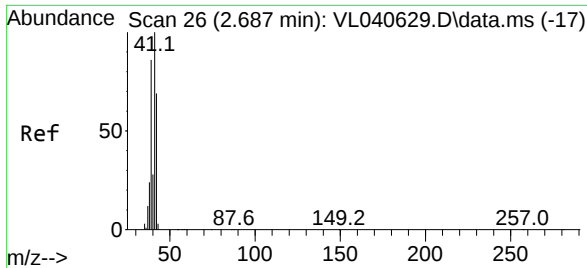
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#8
Dichlorotetrafluoroethane
Concen: 0.545 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

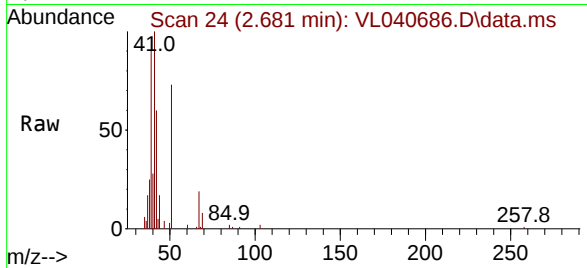
Tgt Ion: 85 Resp: 112038
Ion Ratio Lower Upper
85 100
135 71.5 53.4 80.2





#9
 Propene
 Concen: 0.485 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.003 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

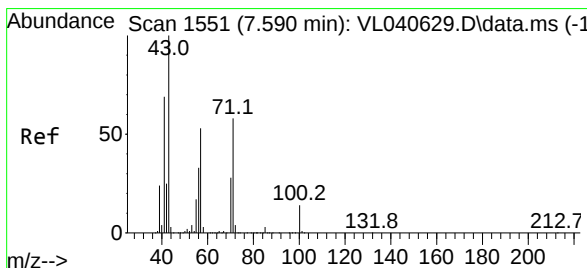
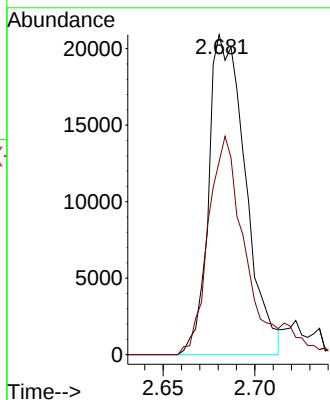
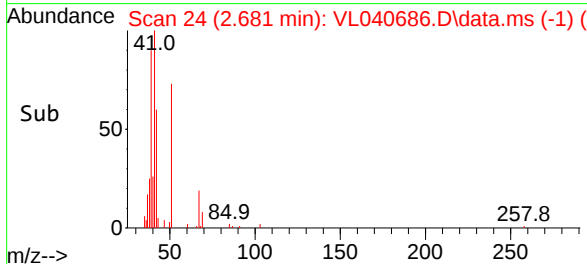
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5



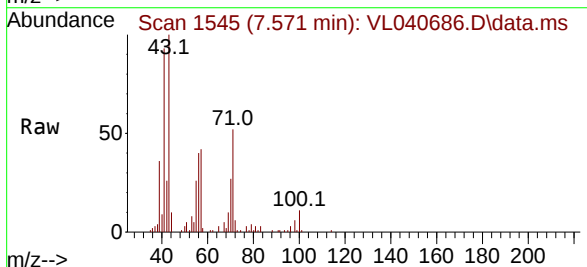
Tgt Ion: 41 Resp: 2909
 Ion Ratio Lower Upper
 41 100
 42 72.8 56.7 85.1

Manual Integrations
 APPROVED

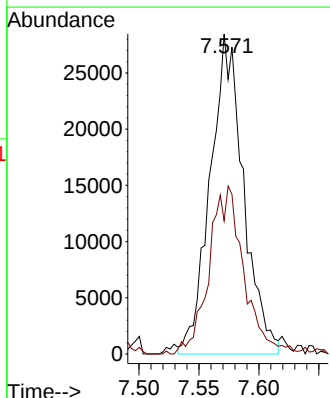
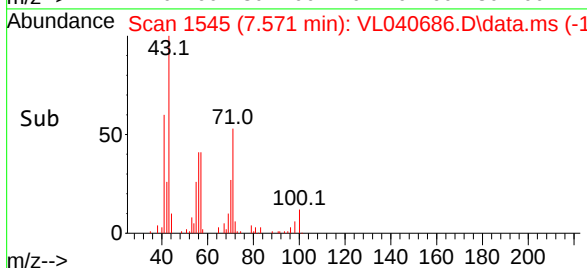
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

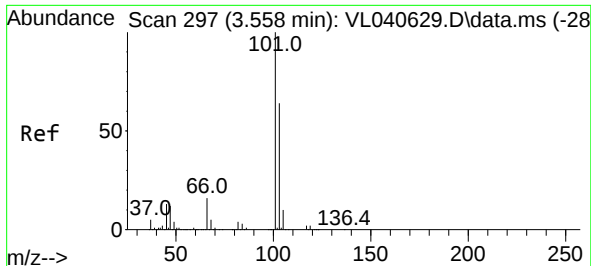


#10
 Heptane
 Concen: 0.397 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.003 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44



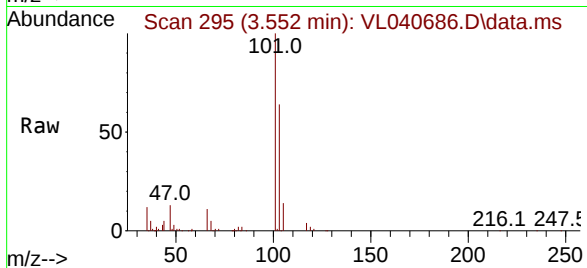
Tgt Ion: 43 Resp: 54871
 Ion Ratio Lower Upper
 43 100
 57 55.6 41.8 62.6





#11
 Trichlorofluoromethane
 Concen: 0.599 ppbv
 RT: 3.552 min Scan# 297
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

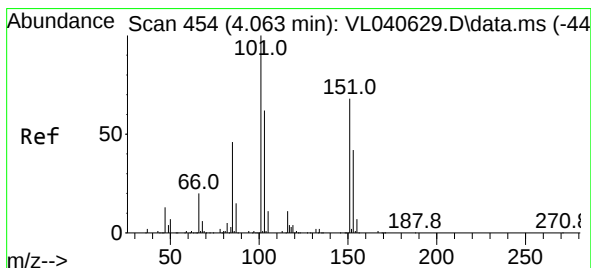
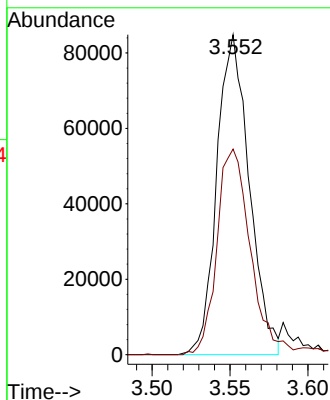
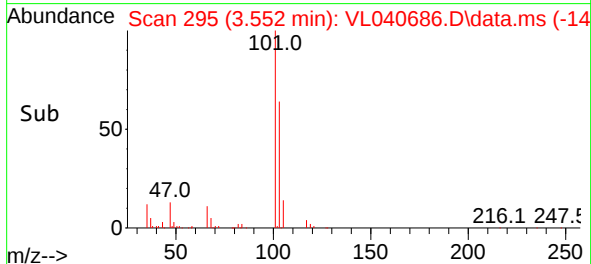
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



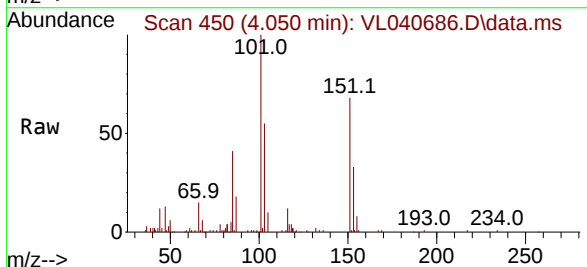
Tgt Ion:101 Resp: 122790
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.3 76.9

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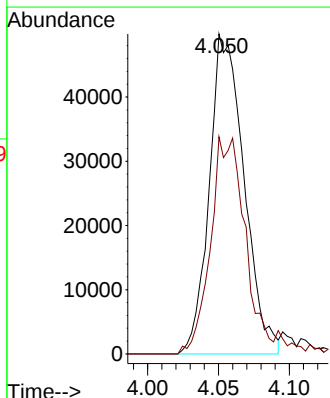
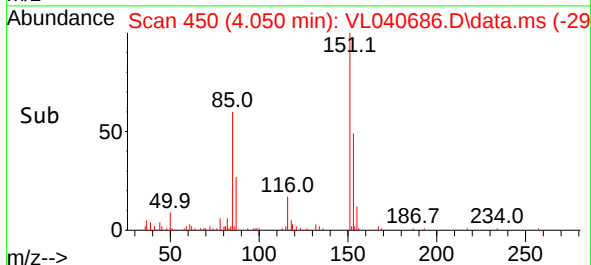
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

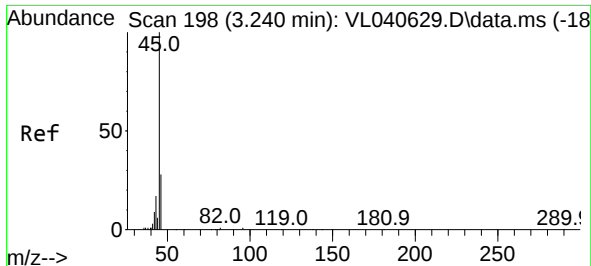


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.557 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. -0.006 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44



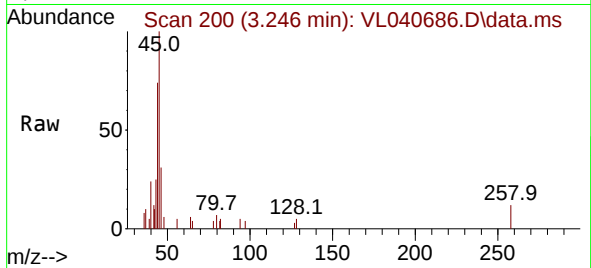
Tgt Ion:101 Resp: 84777
 Ion Ratio Lower Upper
 101 100
 151 70.9 56.8 85.2





#13
Ethanol
Concen: 0.526 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

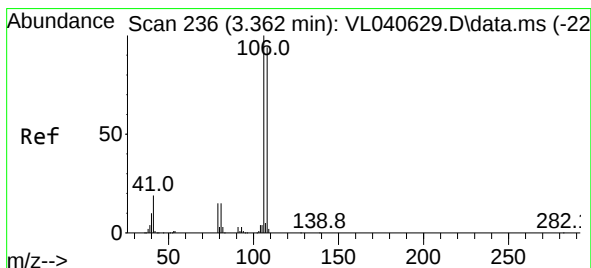
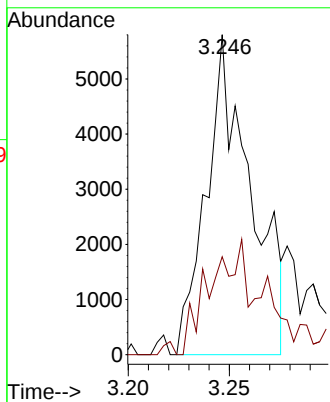
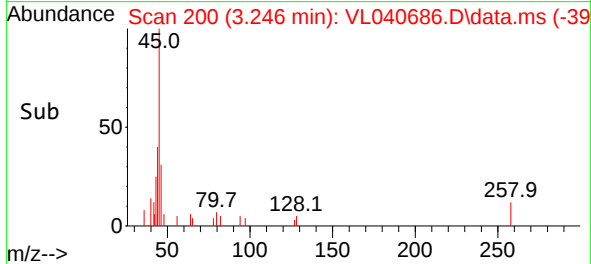
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



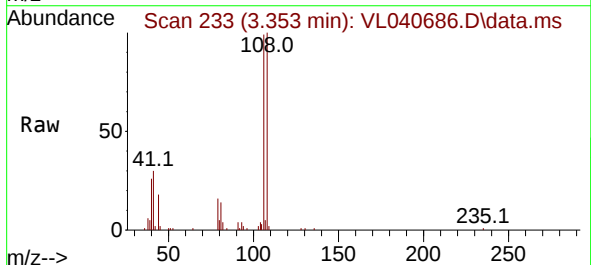
Tgt Ion: 45 Resp: 881
Ion Ratio Lower Upper
45 100
46 0.0 15.2 61.0

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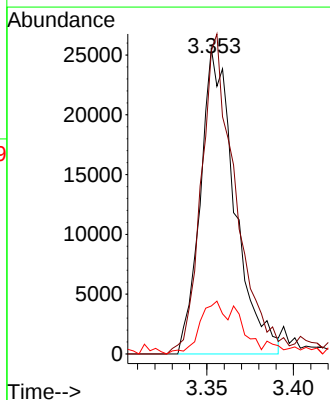
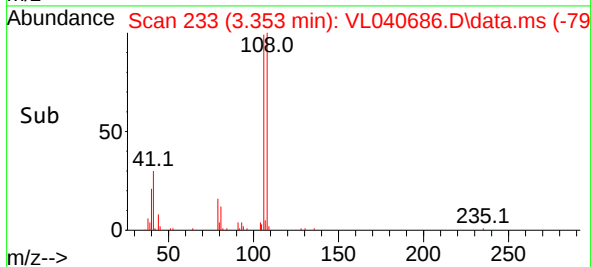
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

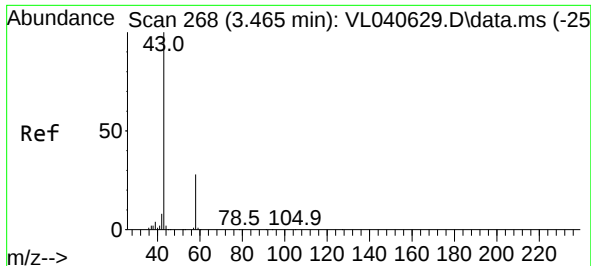


#14
Bromoethene
Concen: 0.571 ppbv
RT: 3.353 min Scan# 233
Delta R.T. -0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



Tgt Ion:108 Resp: 35283
Ion Ratio Lower Upper
108 100
106 109.4 86.0 129.0
79 21.8 15.6 23.4





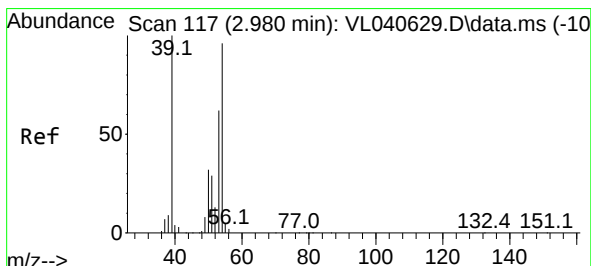
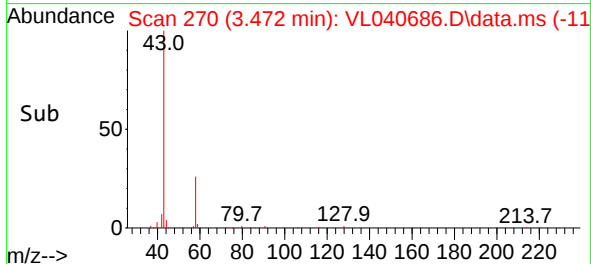
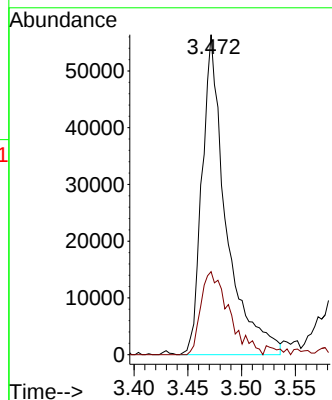
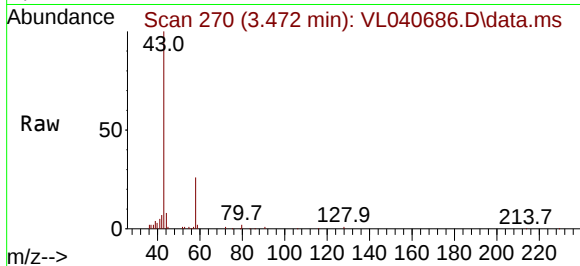
#15
Acetone
Concen: 0.607 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 8764
Ion Ratio Lower Upper
43 100
58 33.6 22.6 34.0

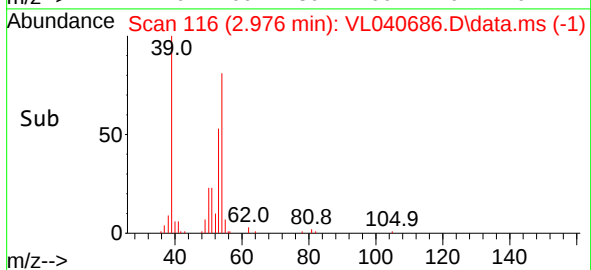
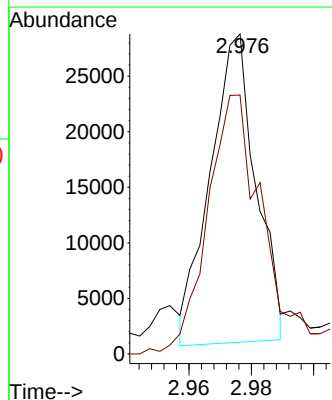
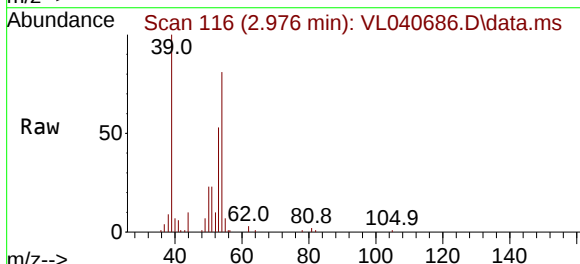
Manual Integrations
APPROVED

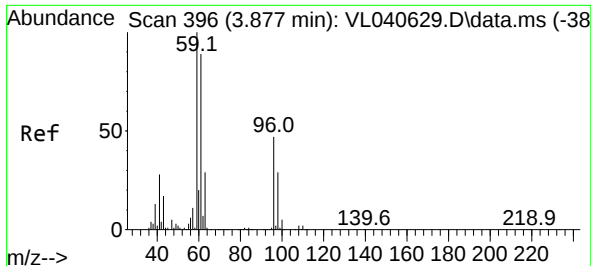
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#16
1,3-Butadiene
Concen: 0.395 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion: 39 Resp: 28350
Ion Ratio Lower Upper
39 100
54 109.7 64.8 97.2#





#17

tert-Butyl alcohol

Concen: 0.543 ppbv

RT: 3.880 min Scan# 396

Delta R.T. 0.013 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 8318

Ion Ratio Lower Upper

59 100

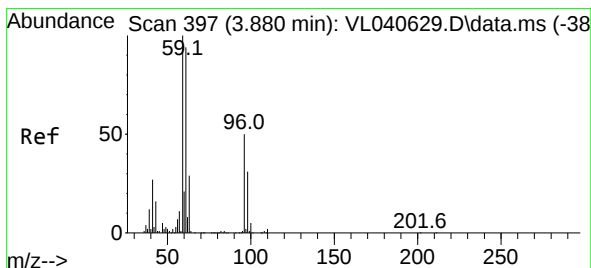
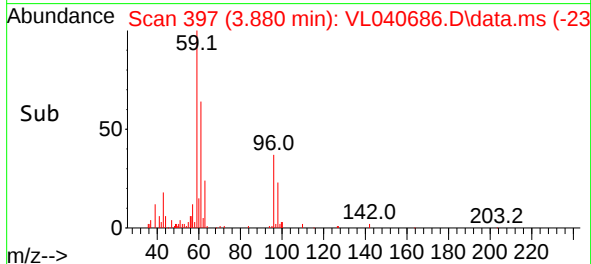
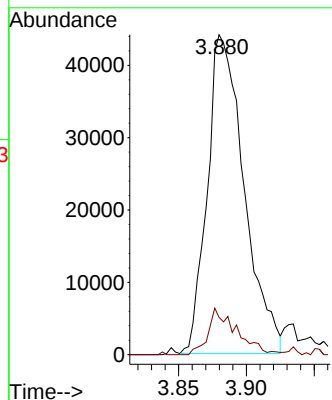
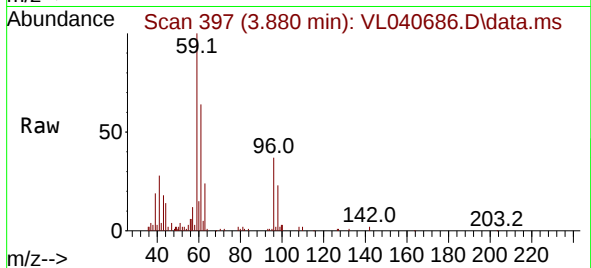
57 11.4 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#18

1,1-Dichloroethene

Concen: 0.548 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.000 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

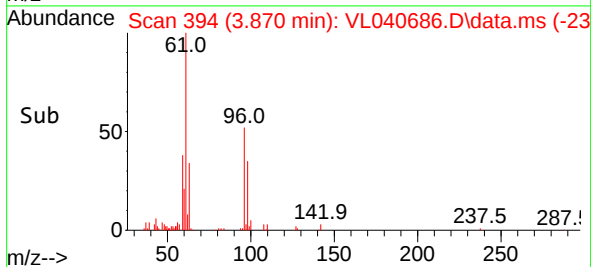
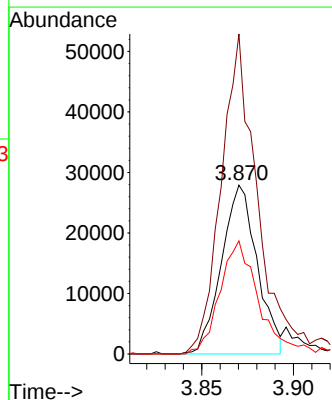
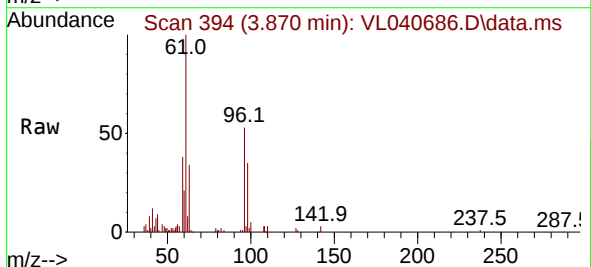
Tgt Ion: 96 Resp: 37830

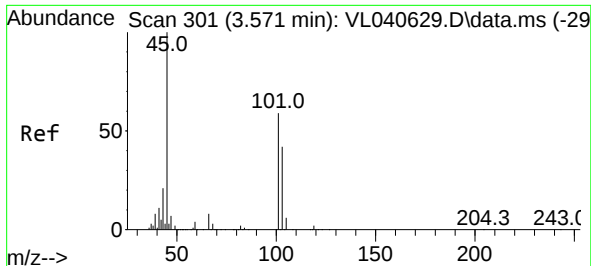
Ion Ratio Lower Upper

96 100

61 189.6 153.6 230.4

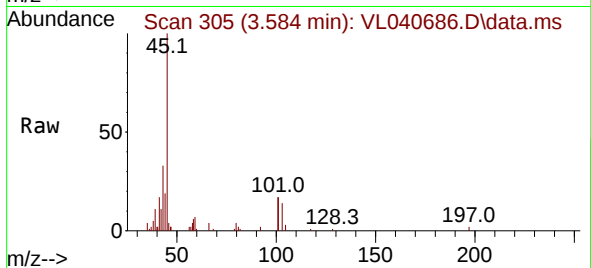
98 67.0 51.9 77.9





#19
Isopropyl Alcohol
Concen: 0.504 ppbv m
RT: 3.584 min Scan# 301
Delta R.T. 0.019 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

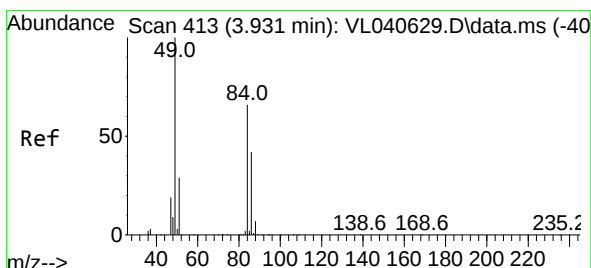
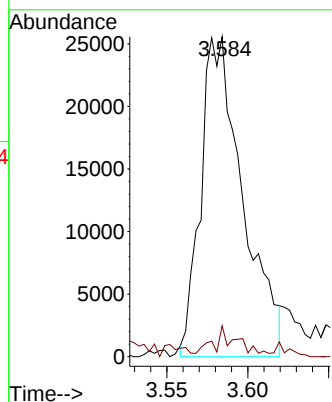
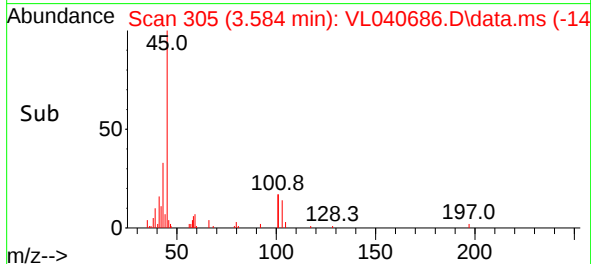
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



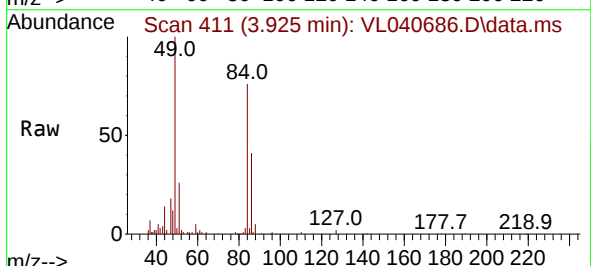
Tgt Ion: 45 Resp: 46130
Ion Ratio Lower Upper
45 100
58 0.0 1.9 2.9

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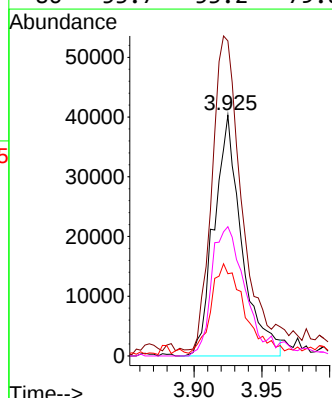
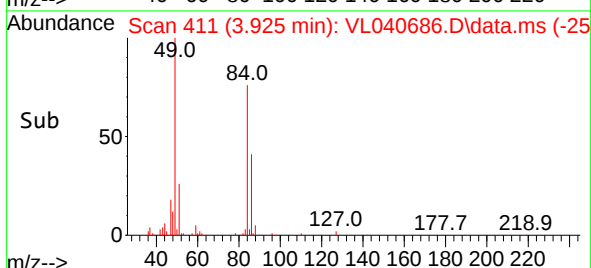
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

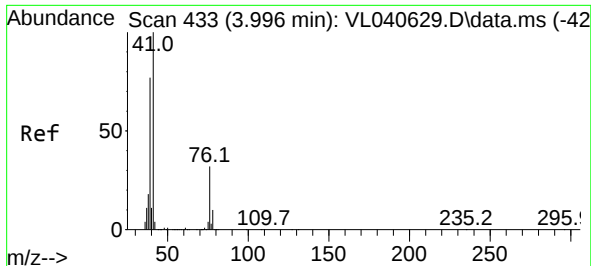


#20
Methylene Chloride
Concen: 0.813 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



Tgt Ion: 84 Resp: 57344
Ion Ratio Lower Upper
84 100
49 127.6 114.4 171.6
51 31.4 35.5 53.3#
86 53.7 53.2 79.8





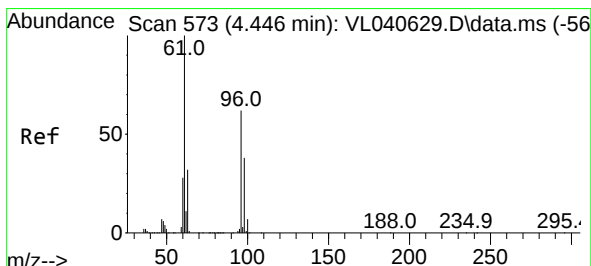
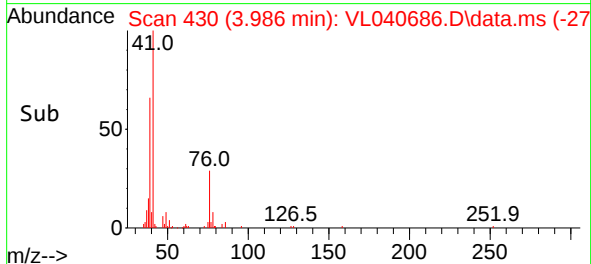
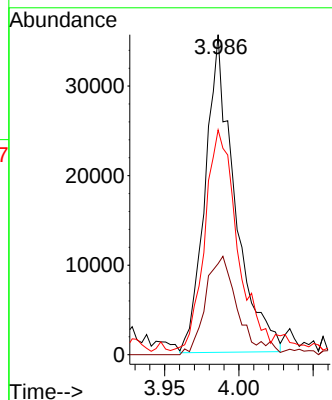
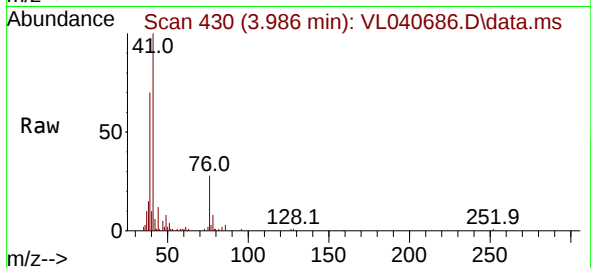
#21
 Allyl Chloride
 Concen: 0.516 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 49260
 Ion Ratio Lower Upper
 41 100
 76 34.9 26.6 40.0
 39 81.4 65.0 97.4

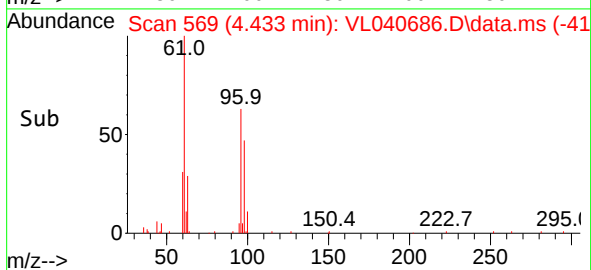
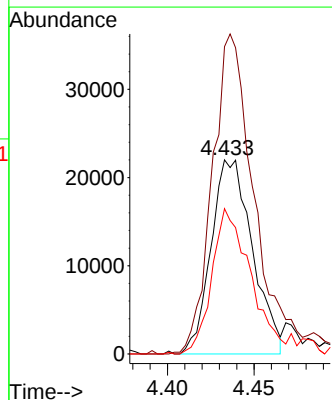
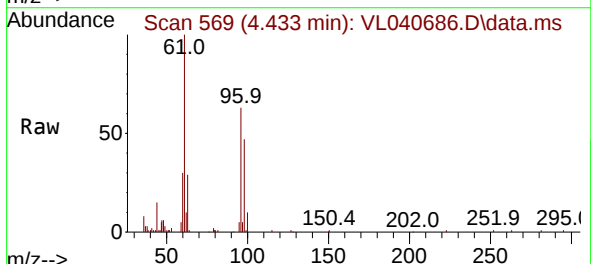
Manual Integrations
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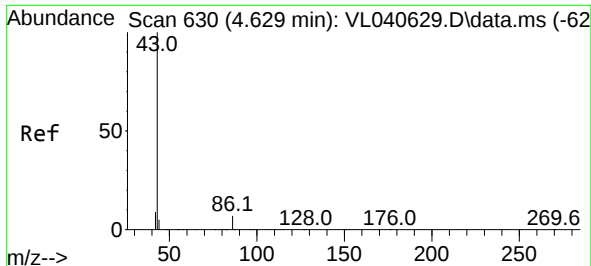
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.539 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

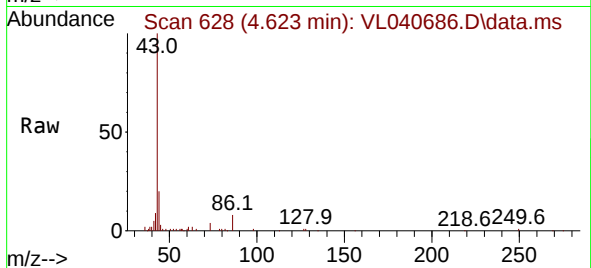
Tgt Ion: 96 Resp: 36534
 Ion Ratio Lower Upper
 96 100
 61 157.5 129.9 194.9
 98 74.9 50.2 75.4





#23
 Vinyl Acetate
 Concen: 0.430 ppbv
 RT: 4.623 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

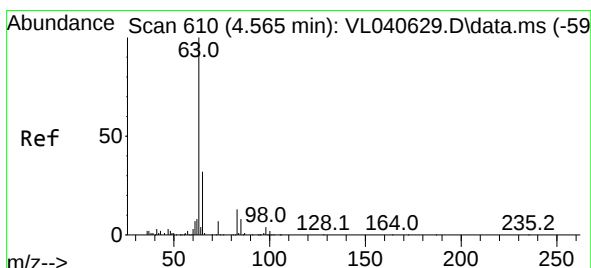
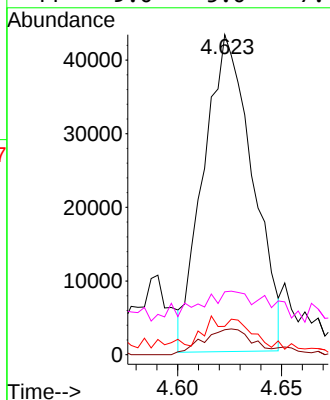
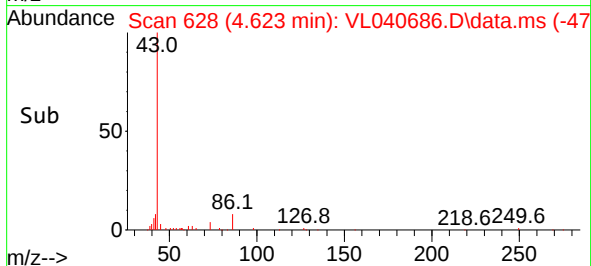
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



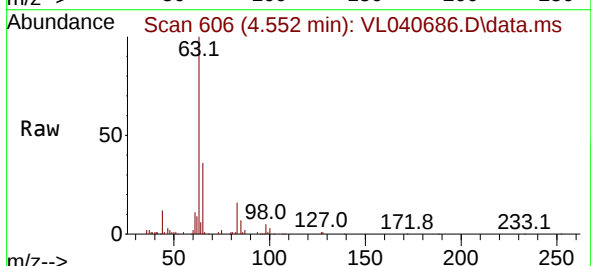
Tgt Ion: 43 Resp: 70779
 Ion Ratio Lower Upper
 43 100
 86 8.0 5.6 8.4
 42 5.3 7.6 11.4
 44 9.0 5.0 7.4

Manual Integrations
 APPROVED

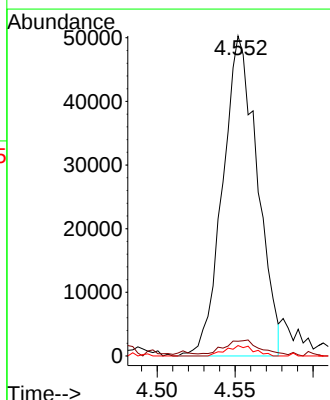
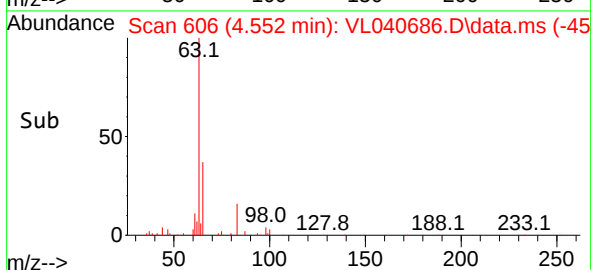
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

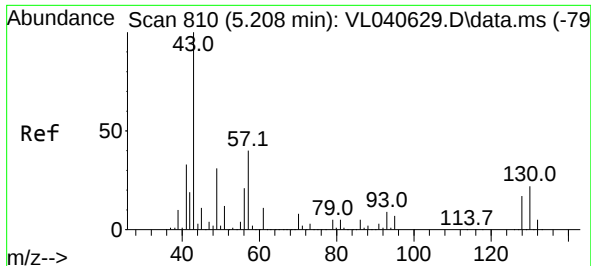


#24
 1,1-Dichloroethane
 Concen: 0.553 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44



Tgt Ion: 63 Resp: 77831
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.5
 100 3.2 1.2 3.6





#25
Ethyl Acetate
Concen: 0.444 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

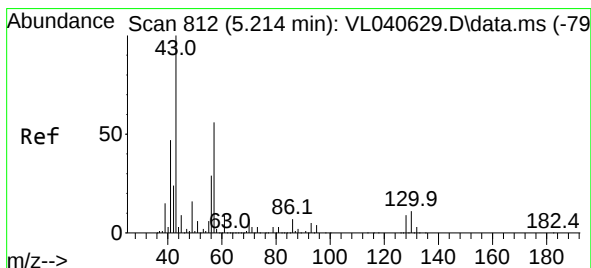
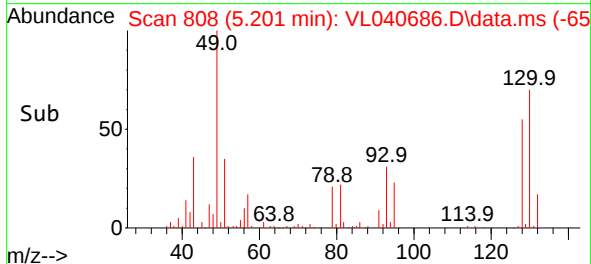
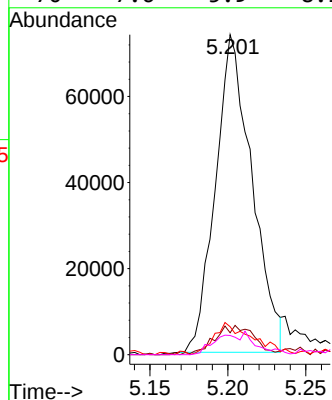
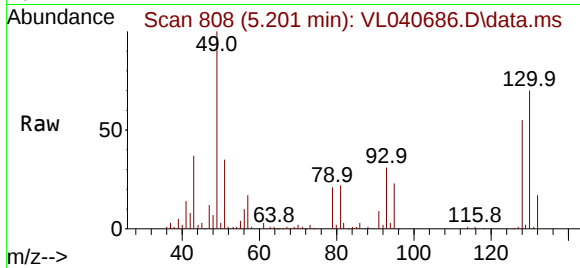
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 12028

Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.2	12.4
61	11.2	8.2	12.4
70	7.6	5.9	8.9

Manual Integrations
APPROVED

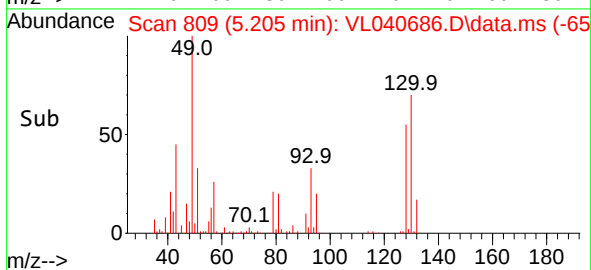
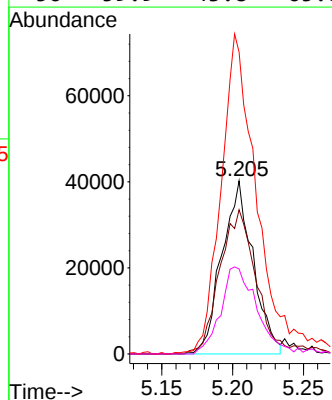
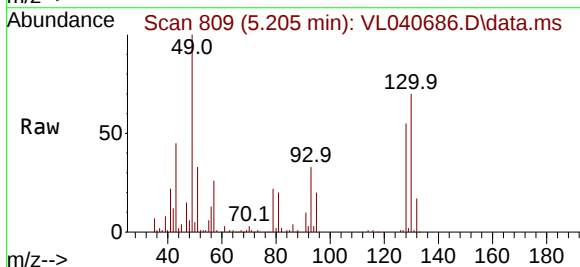
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

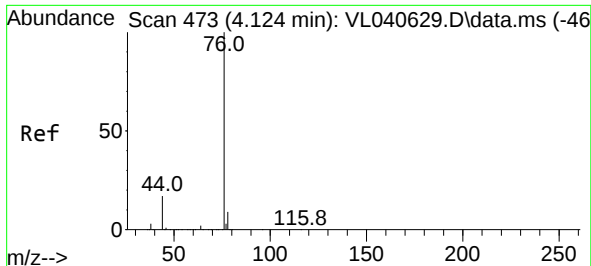


#26
Hexane
Concen: 0.468 ppbv
RT: 5.205 min Scan# 809
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion: 57 Resp: 61415

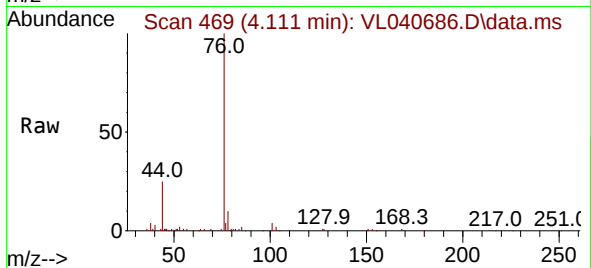
Ion	Ratio	Lower	Upper
57	100		
41	101.1	75.2	112.8
43	221.7	185.6	278.4
56	59.9	43.8	65.8





#27
Carbon Disulfide
Concen: 0.481 ppbv
RT: 4.111 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

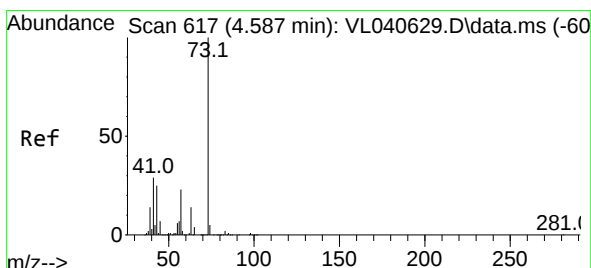
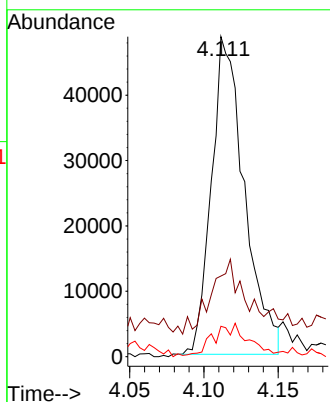
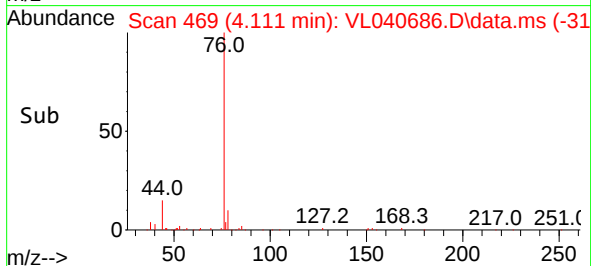
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



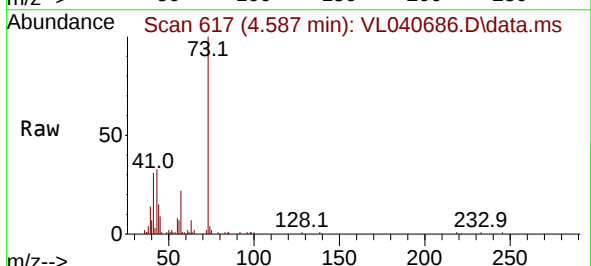
Tgt Ion: 76 Resp: 7505
Ion Ratio Lower Upper
76 100
44 29.6 14.5 21.7
78 13.0 7.7 11.5

Manual Integrations
APPROVED

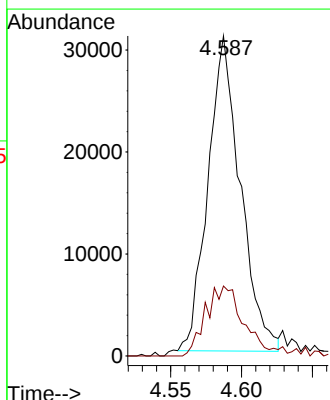
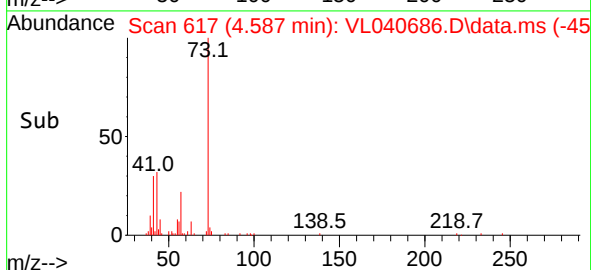
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

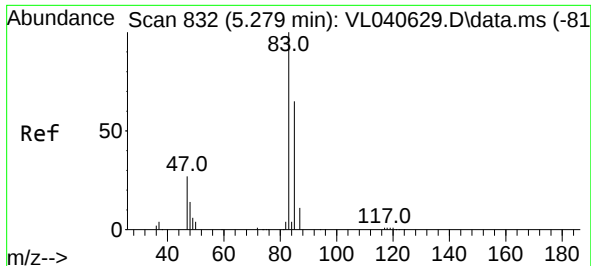


#28
Methyl tert-Butyl Ether
Concen: 0.484 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.010 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



Tgt Ion: 73 Resp: 49068
Ion Ratio Lower Upper
73 100
57 26.6 18.8 28.2





#29

Chloroform

Concen: 0.526 ppbv

RT: 5.262 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 10912

Ion Ratio Lower Upper

83 100

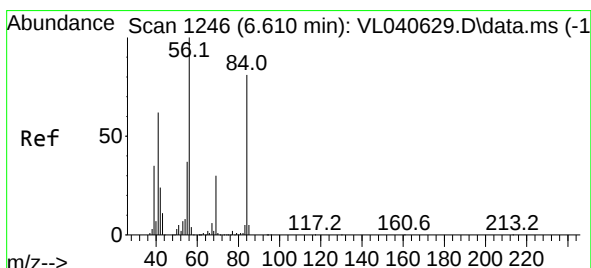
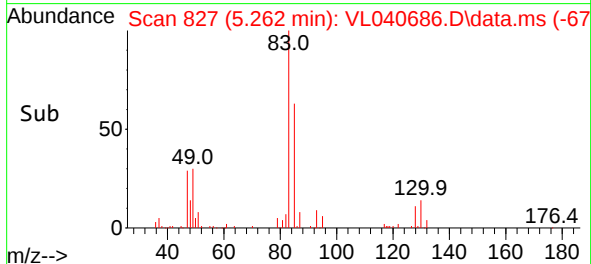
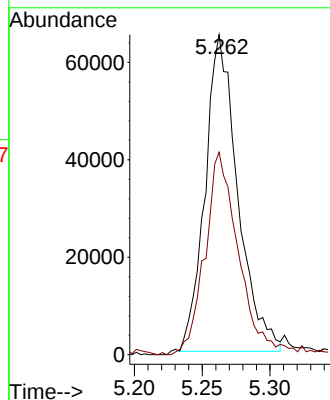
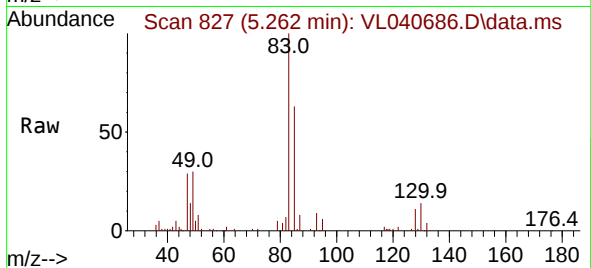
85 62.2 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#30

Cyclohexane

Concen: 0.398 ppbv m

RT: 6.594 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

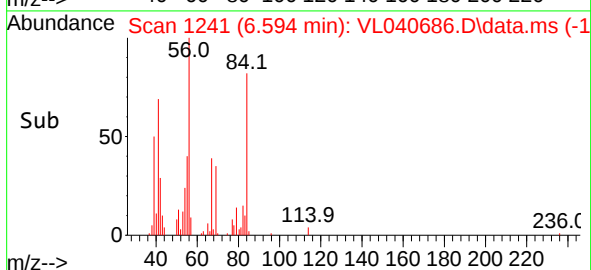
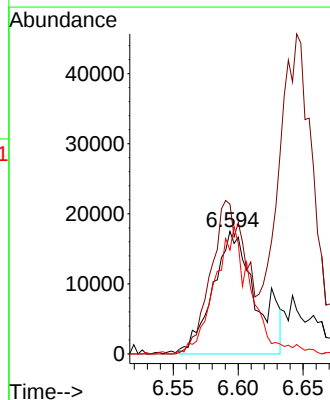
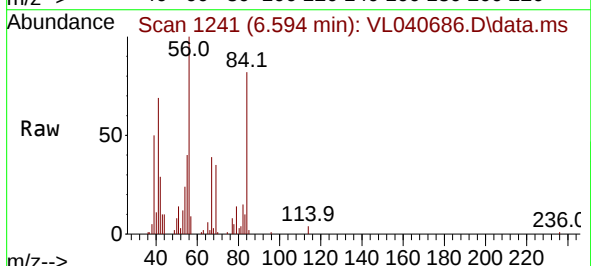
Tgt Ion: 84 Resp: 39961

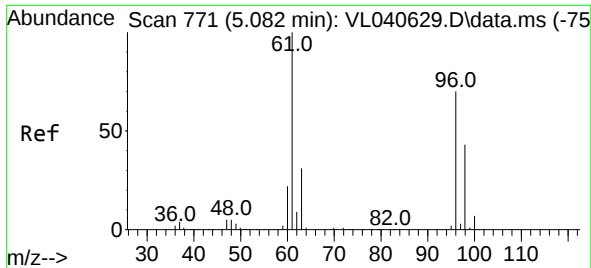
Ion Ratio Lower Upper

84 100

56 109.5 103.2 154.8

41 90.4 65.5 98.3





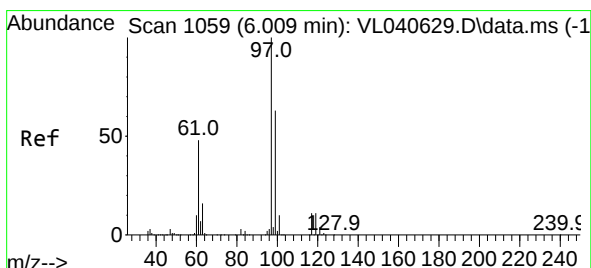
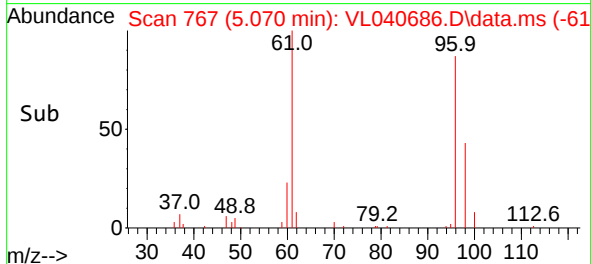
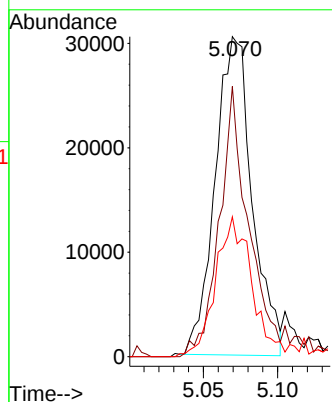
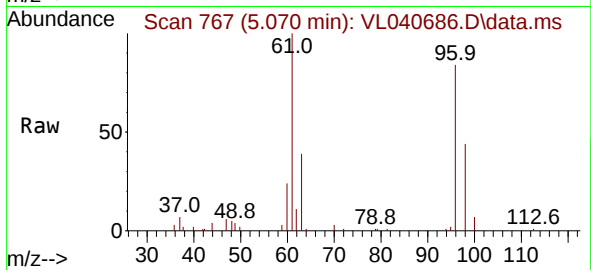
#31
 cis-1,2-Dichloroethene
 Concen: 0.448 ppbv
 RT: 5.070 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 53015
 Ion Ratio Lower Upper
 61 100
 96 85.1 51.2 76.8
 98 43.1 32.3 48.5

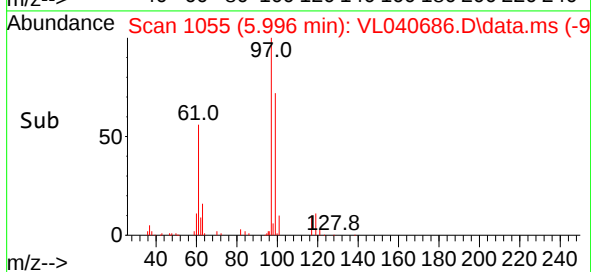
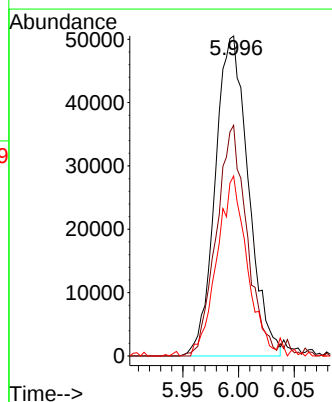
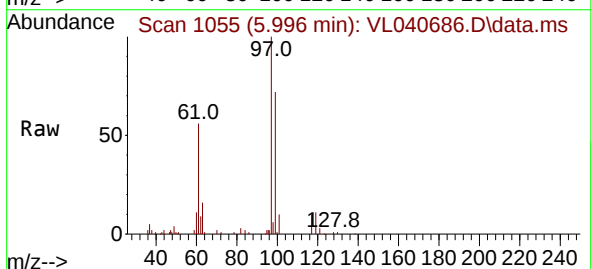
Manual Integrations
 APPROVED

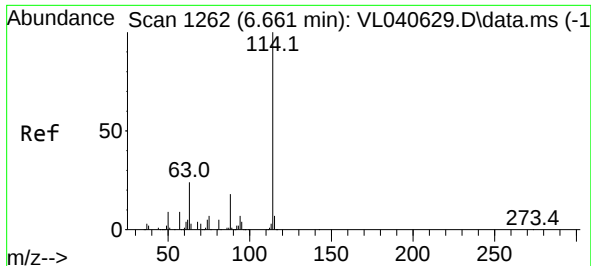
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.525 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

Tgt Ion: 97 Resp: 104373
 Ion Ratio Lower Upper
 97 100
 99 68.3 52.4 78.6
 61 52.3 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 3083328

Ion Ratio Lower Upper

114 100

63 25.8 21.1 31.7

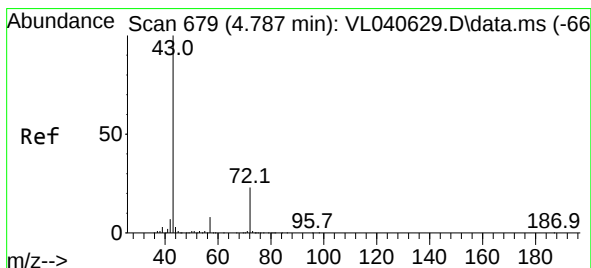
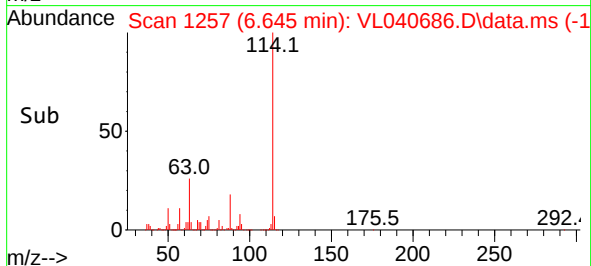
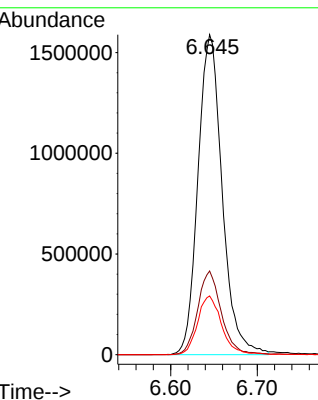
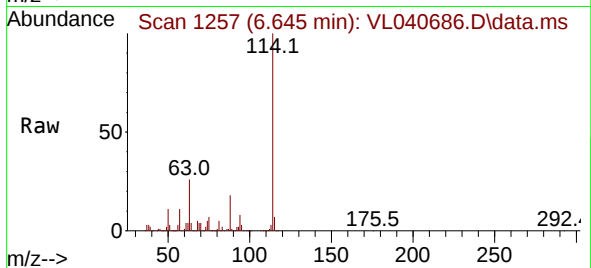
88 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#34

2-Butanone

Concen: 0.517 ppbv m

RT: 4.793 min Scan# 681

Delta R.T. 0.016 min

Lab File: VL040686.D

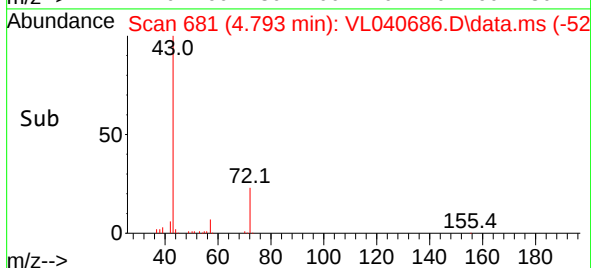
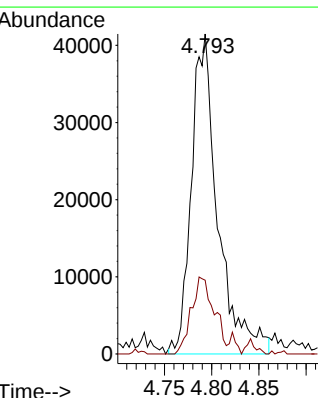
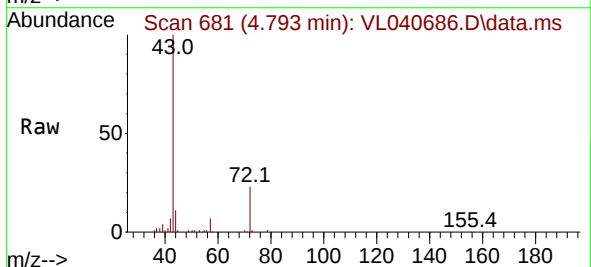
Acq: 14 Sep 2023 15:44

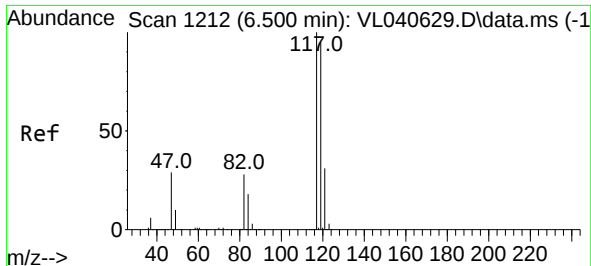
Tgt Ion: 43 Resp: 80416

Ion Ratio Lower Upper

43 100

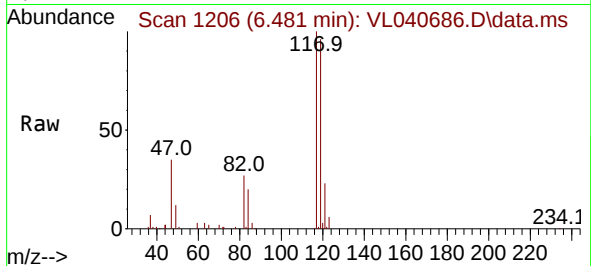
72 24.2 18.6 27.8





#35
Carbon Tetrachloride
Concen: 0.536 ppbv
RT: 6.481 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

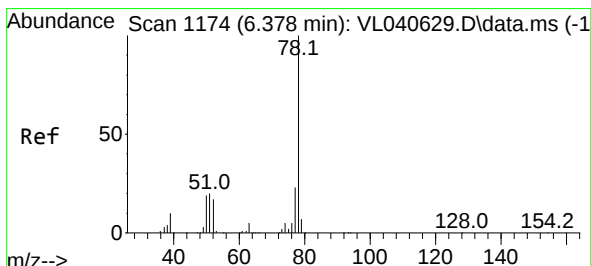
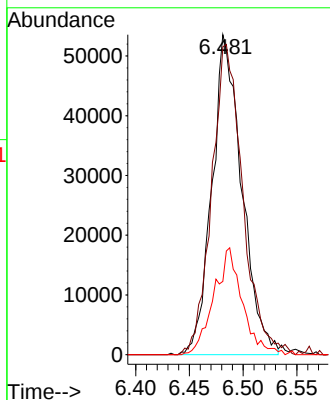
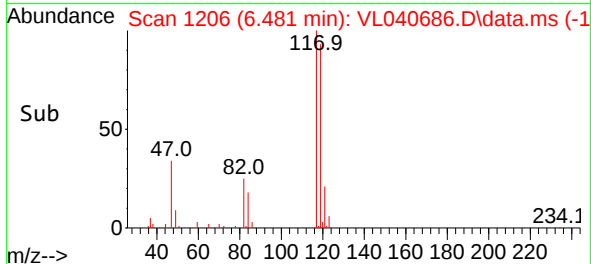
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 10349
Ion Ratio Lower Upper
117 100
119 96.2 78.6 117.8
121 22.9 24.7 37.1

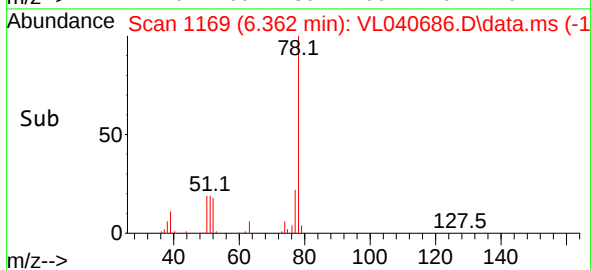
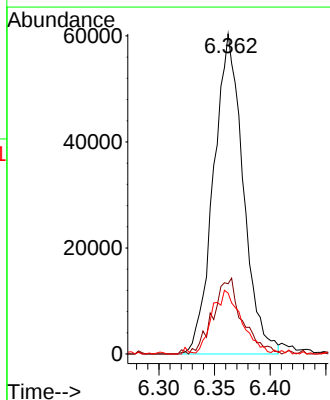
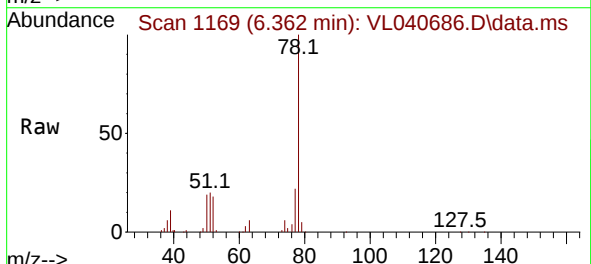
Manual Integrations
APPROVED

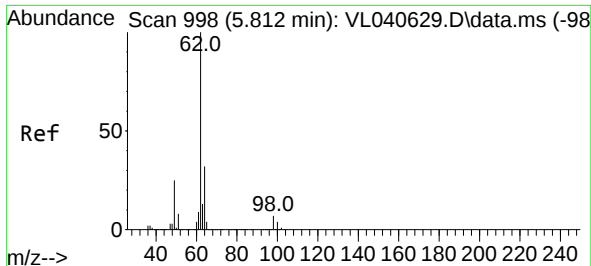
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#36
Benzene
Concen: 0.455 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

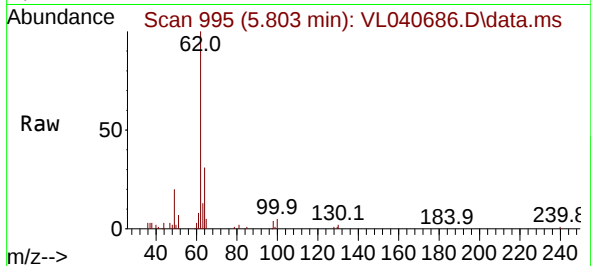
Tgt Ion: 78 Resp: 111584
Ion Ratio Lower Upper
78 100
77 22.0 17.9 26.9
50 19.0 17.3 25.9





#37
1,2-Dichloroethane
Concen: 0.548 ppbv m
RT: 5.803 min Scan# 998
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

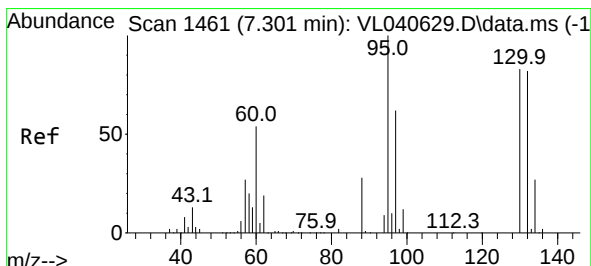
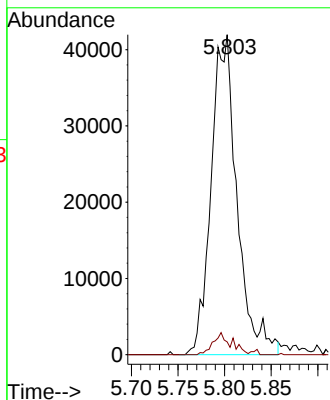
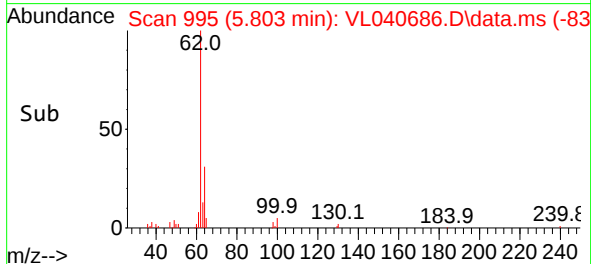
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



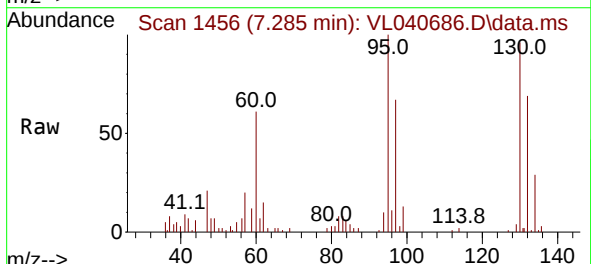
Tgt Ion: 62 Resp: 8102
Ion Ratio Lower Upper
62 100
98 0.0 4.2 6.4

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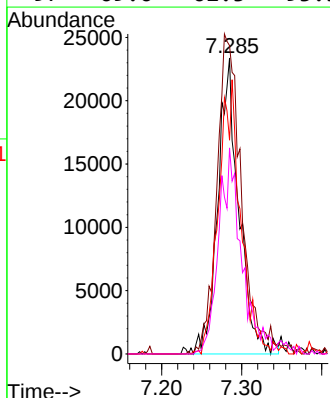
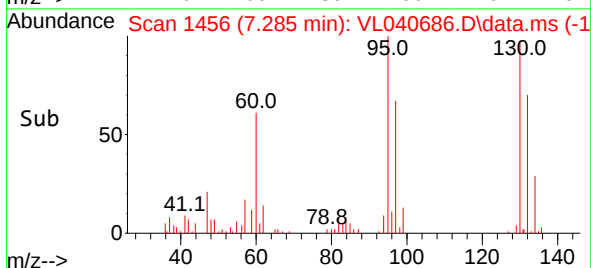
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

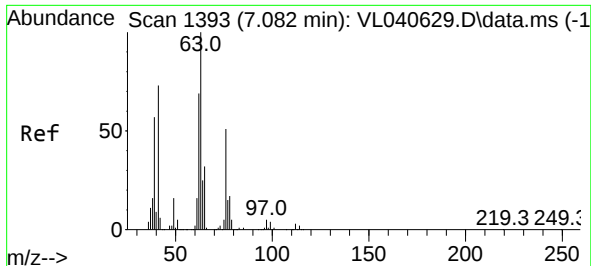


#38
Trichloroethene
Concen: 0.452 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



Tgt Ion:130 Resp: 42926
Ion Ratio Lower Upper
130 100
95 104.2 91.9 137.9
132 72.2 77.3 115.9#
97 69.6 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.478 ppbv m

RT: 7.063 min Scan# 1465

Delta R.T. -0.003 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

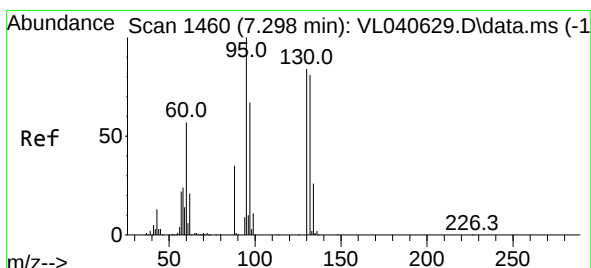
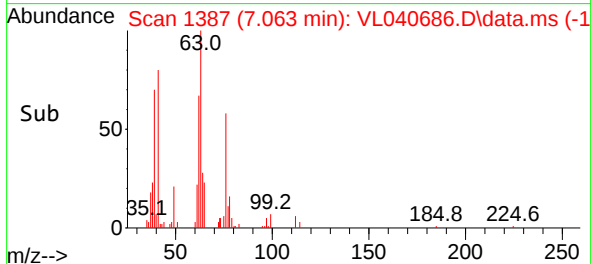
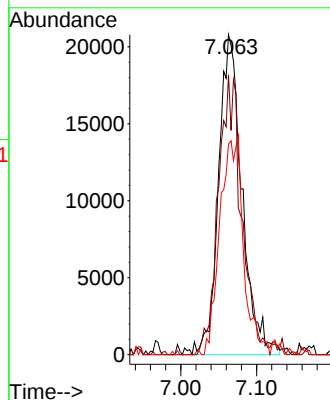
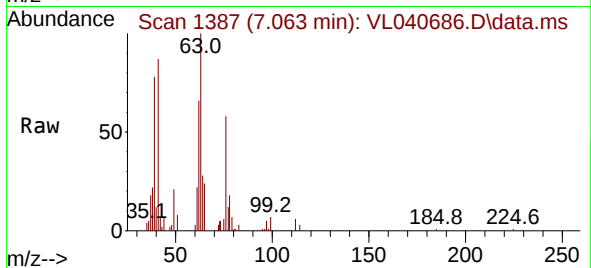
VSTDICC0.5

Tgt Ion: 63	Resp: 4465
Ion Ratio	Lower Upper
63 100	
41 87.5	61.6 92.4
62 65.9	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: 0.344 ppbv m

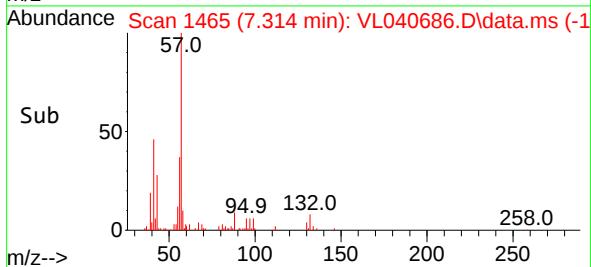
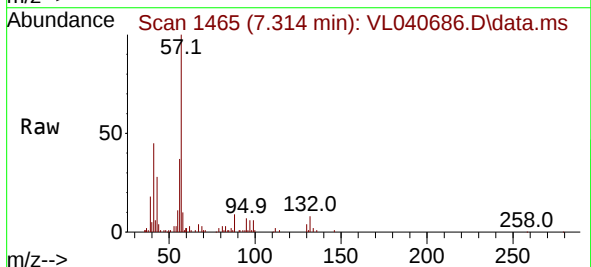
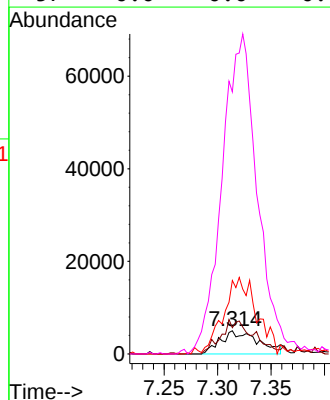
RT: 7.314 min Scan# 1465

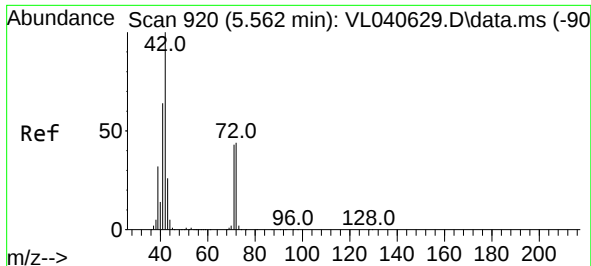
Delta R.T. 0.035 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Tgt	Ion: 88	Resp:	12170
Ion	Ratio	Lower	Upper
88	100		
58	0.0	92.7	139.1#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41

Tetrahydrofuran

Concen: 0.430 ppbv m

RT: 5.574 min Scan# 91

Delta R.T. 0.026 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

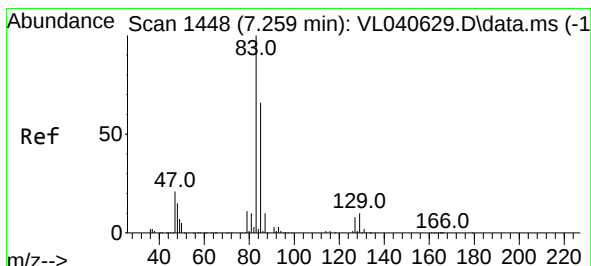
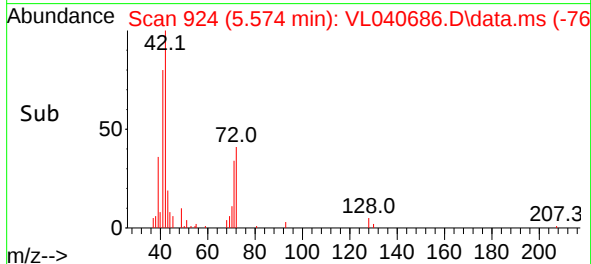
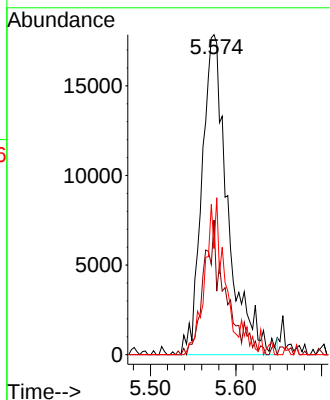
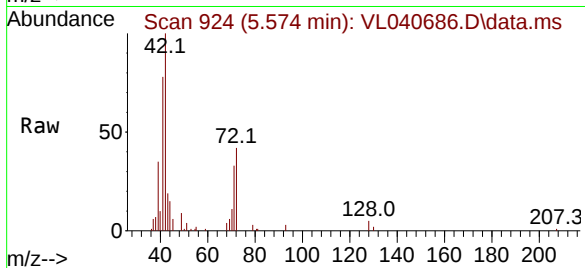
VSTDICC0.5

Tgt Ion:	42	Resp:	3781
Ion Ratio	Lower	Upper	
42	100		
72	0.0	34.9	52.3
71	0.0	33.8	50.8

Manual Integrations

APPROVED

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



#42

Bromodichloromethane

Concen: 0.490 ppbv

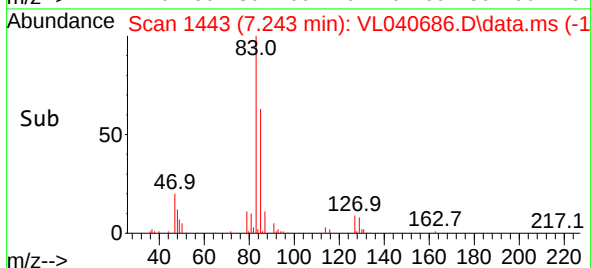
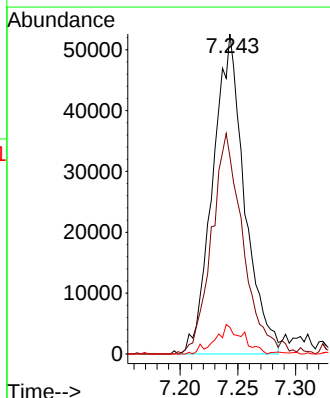
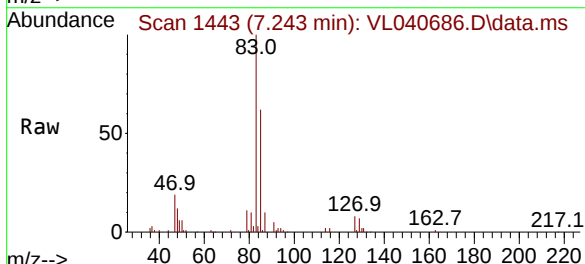
RT: 7.243 min Scan# 1443

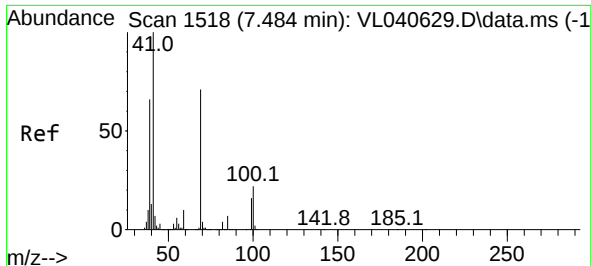
Delta R.T. -0.000 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Tgt Ion:	83	Resp:	100846
Ion Ratio	Lower	Upper	
83	100		
85	60.4	51.2	76.8
127	8.4	6.2	9.4





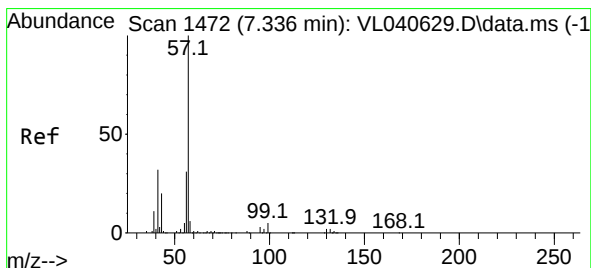
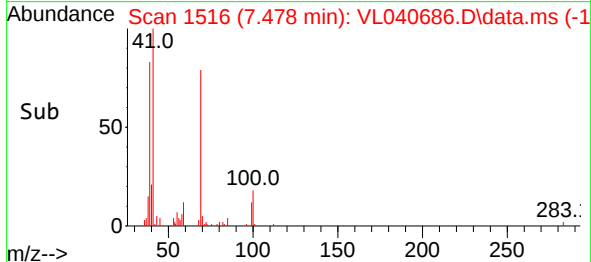
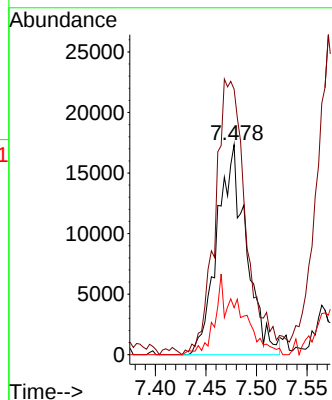
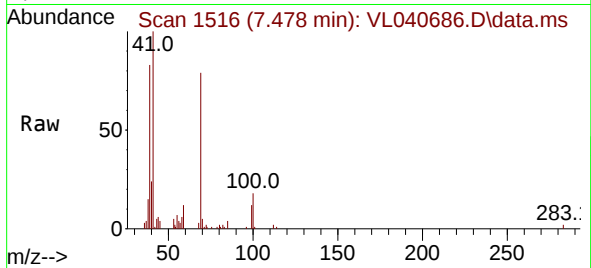
#43
Methyl Methacrylate
Concen: 0.381 ppbv
RT: 7.478 min Scan# 1518
Delta R.T. 0.010 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 3500
Ion Ratio Lower Upper
69 100
41 138.3 113.8 170.8
100 33.0 25.4 38.0

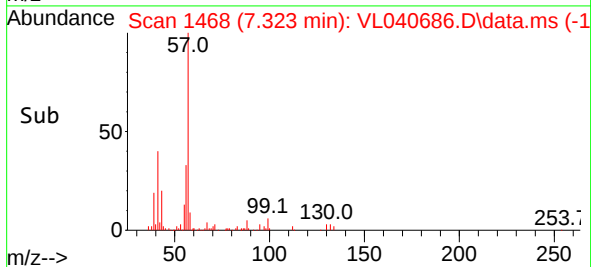
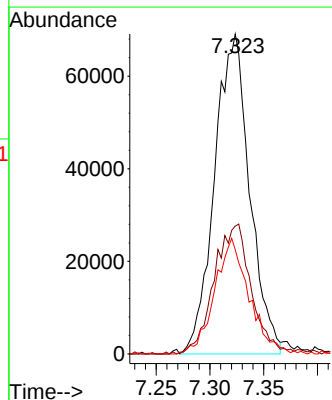
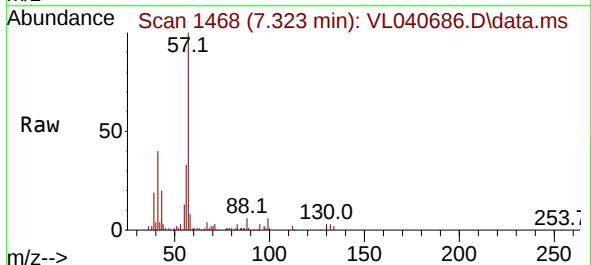
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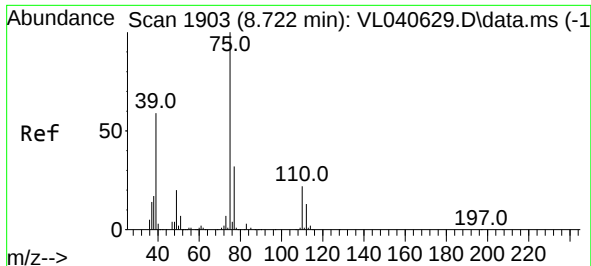
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#44
2,2,4-Trimethylpentane
Concen: 0.395 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion: 57 Resp: 156781
Ion Ratio Lower Upper
57 100
41 43.9 28.5 42.7#
56 35.7 25.4 38.2





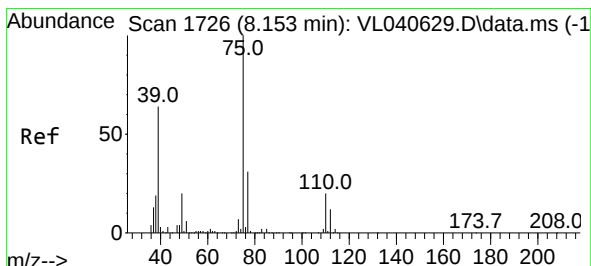
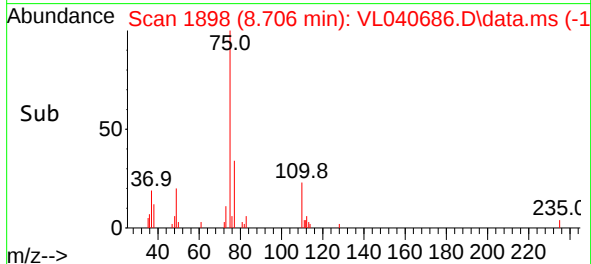
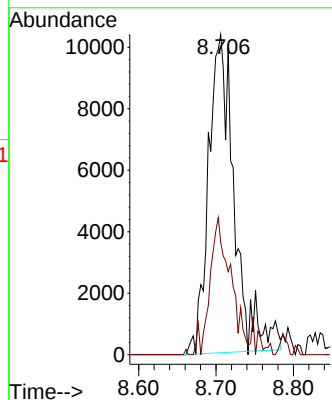
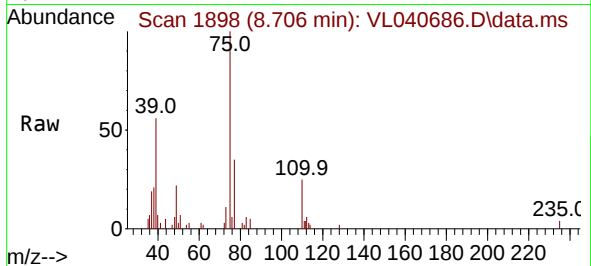
#45
t-1,3-Dichloropropene
Concen: 0.326 ppbv m
RT: 8.706 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 23934
Ion Ratio Lower Upper
75 100
77 35.2 24.5 36.7

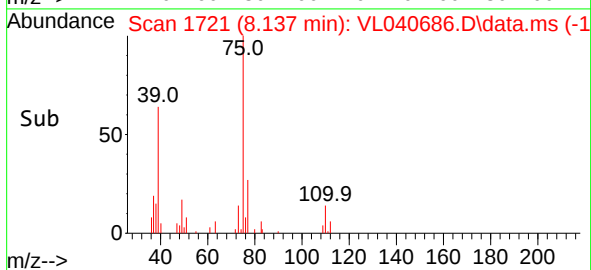
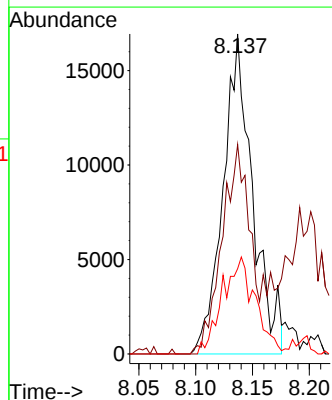
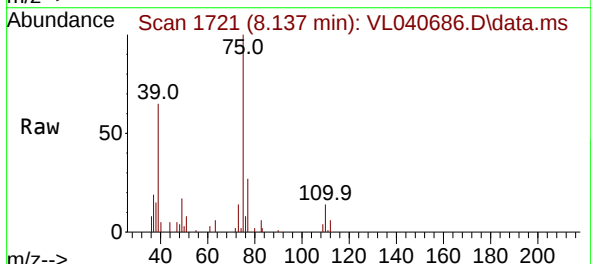
Manual Integrations
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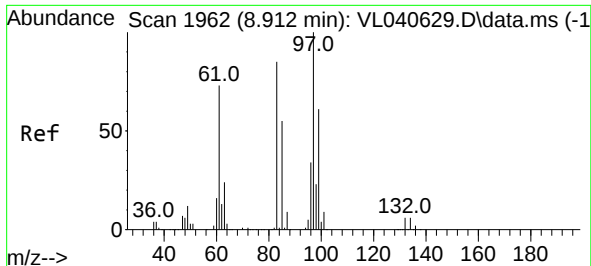
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#46
cis-1,3-Dichloropropene
Concen: 0.341 ppbv m
RT: 8.137 min Scan# 1721
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion: 75 Resp: 30551
Ion Ratio Lower Upper
75 100
39 65.4 54.0 81.0
77 26.6 23.6 35.4





#47

1,1,2-Trichloroethane

Concen: 0.486 ppbv

RT: 8.893 min Scan# 1962

Delta R.T. -0.003 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 5118

Ion Ratio Lower Upper

97 100

83 71.9 70.8 106.2

85 49.1 45.7 68.5

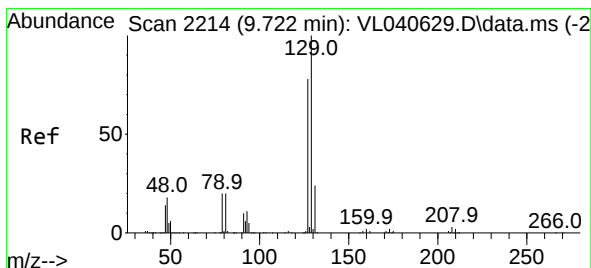
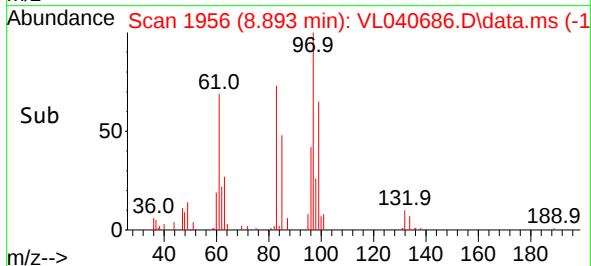
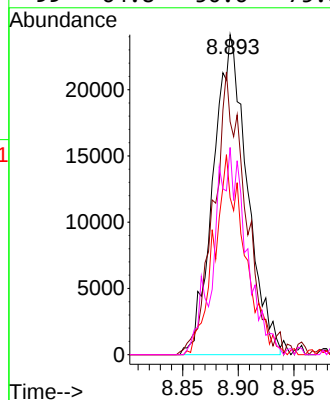
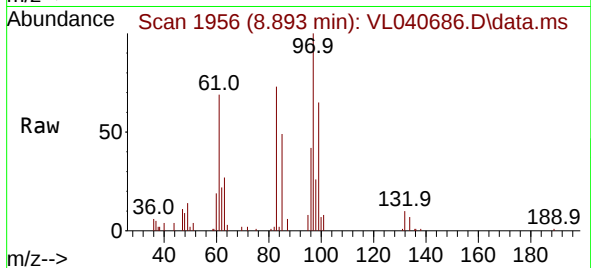
99 64.8 50.6 75.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023



#48

Dibromochloromethane

Concen: 0.415 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VL040686.D

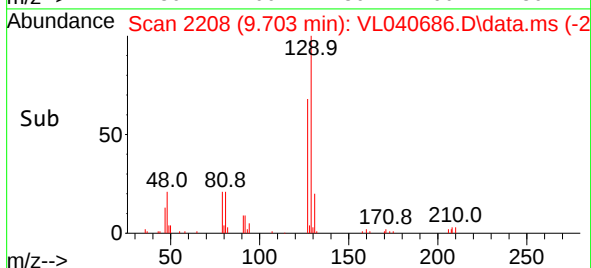
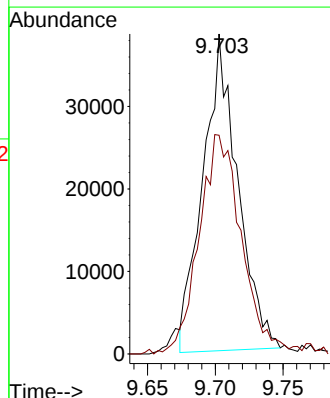
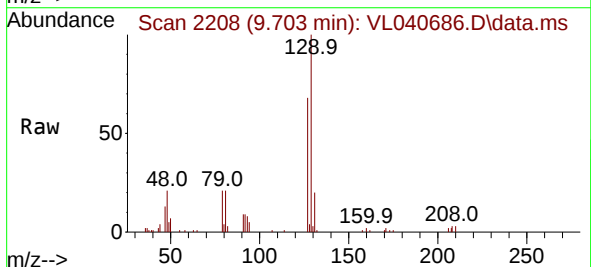
Acq: 14 Sep 2023 15:44

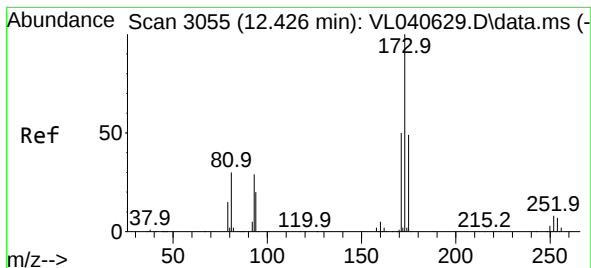
Tgt Ion:129 Resp: 68529

Ion Ratio Lower Upper

129 100

127 86.2 39.4 118.2





#49

Bromoform

Concen: 0.433 ppbv m

RT: 12.404 min Scan# 3055

Delta R.T. -0.000 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

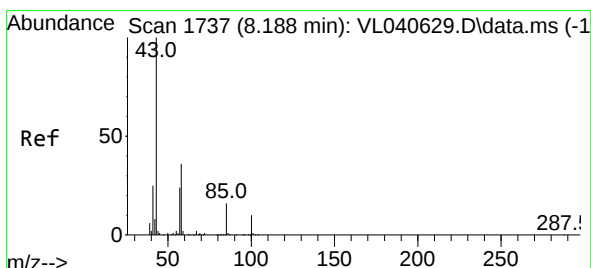
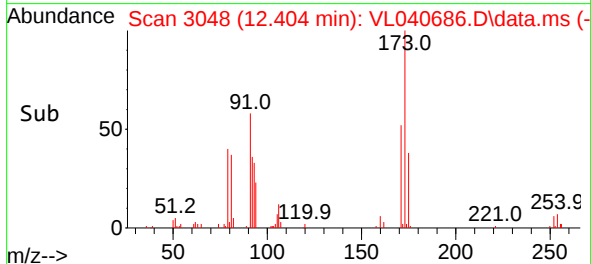
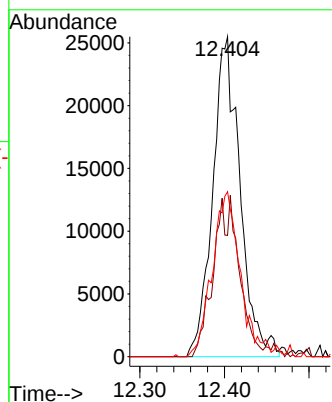
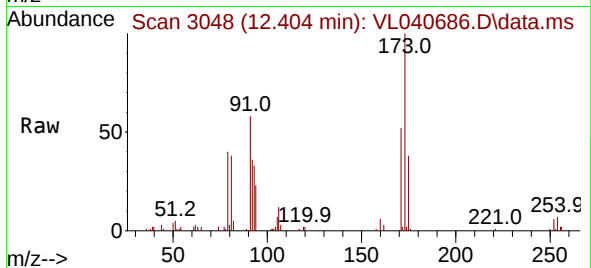
VSTDICC0.5

Tgt Ion:	173	Resp:	57228
Ion Ratio	Lower	Upper	
173	100		
175	48.9	38.8	58.2
171	54.2	42.2	63.2

Manual Integrations

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



#50

4-Methyl-2-Pentanone

Concen: 0.381 ppbv m

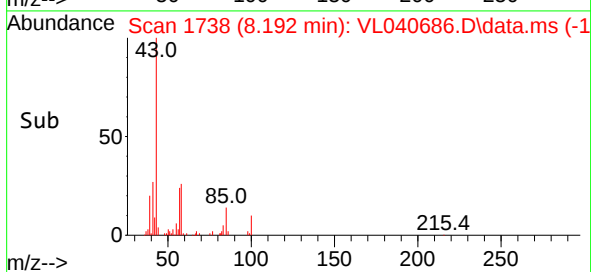
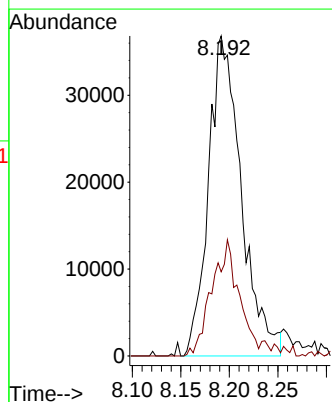
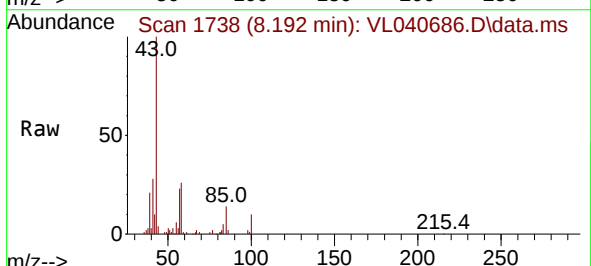
RT: 8.192 min Scan# 1738

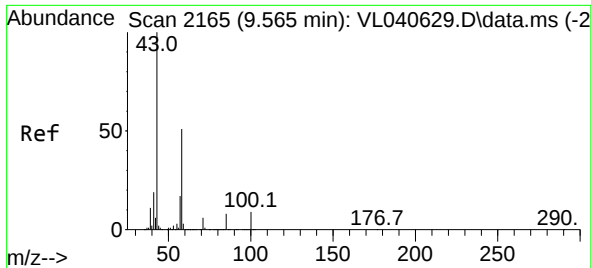
Delta R.T. 0.019 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

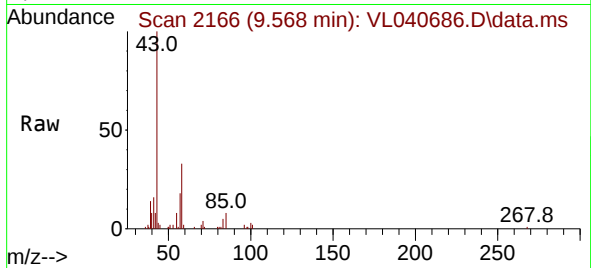
Tgt Ion:	43	Resp:	86641
Ion Ratio	Lower	Upper	
43	100		
58	32.6	28.2	42.4





#51
2-Hexanone
Concen: 0.345 ppbv m
RT: 9.568 min Scan# 2165
Delta R.T. 0.022 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

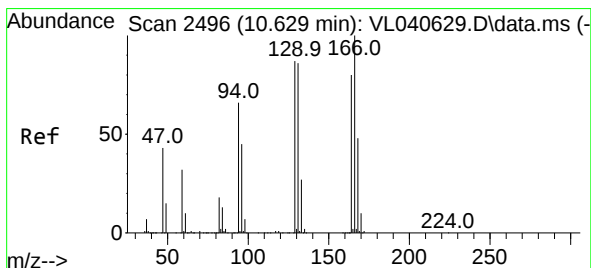
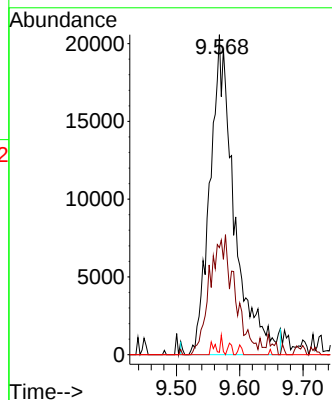
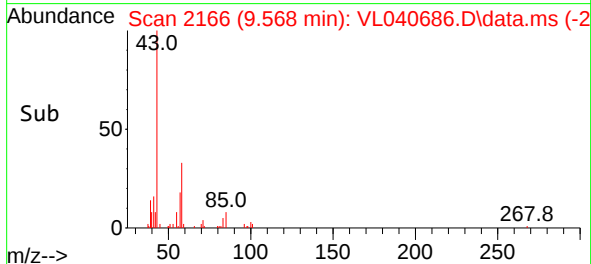
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 5528
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4
98 0.0 0.6 1.0

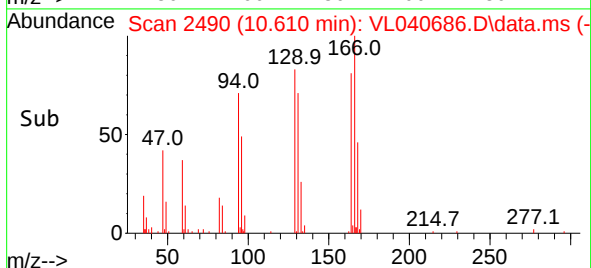
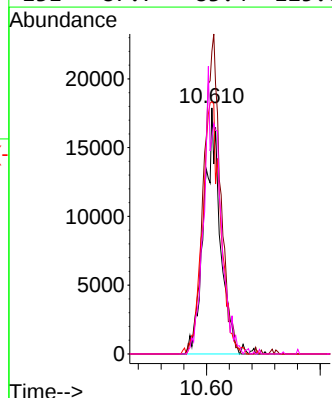
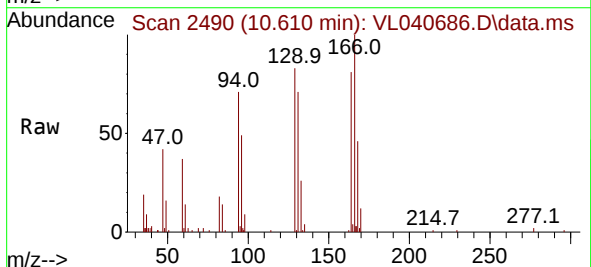
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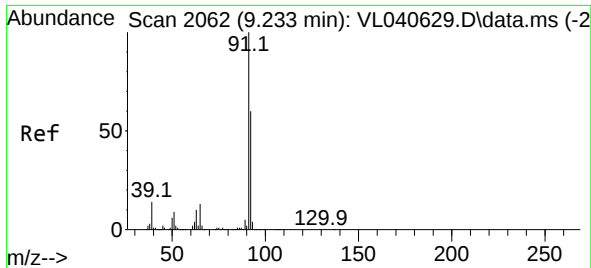
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#52
Tetrachloroethene
Concen: 0.464 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion:164 Resp: 35652
Ion Ratio Lower Upper
164 100
166 122.8 103.4 155.2
129 102.5 83.5 125.3
131 87.7 83.4 125.0





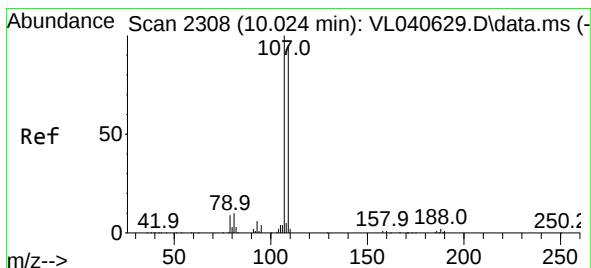
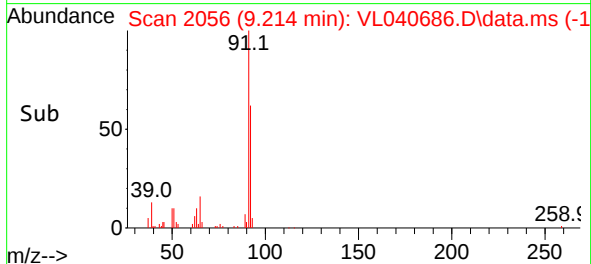
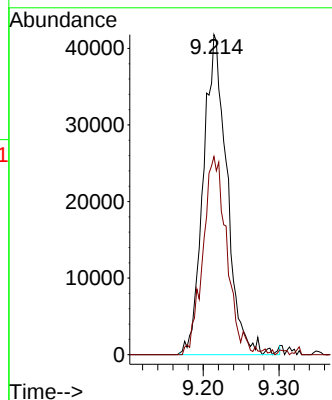
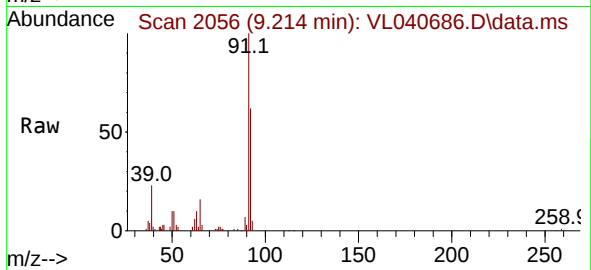
#53
Toluene
Concen: 0.348 ppbv m
RT: 9.214 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 90810
Ion Ratio Lower Upper
91 100
92 63.1 48.5 72.7

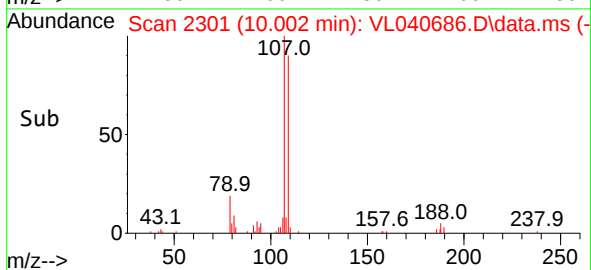
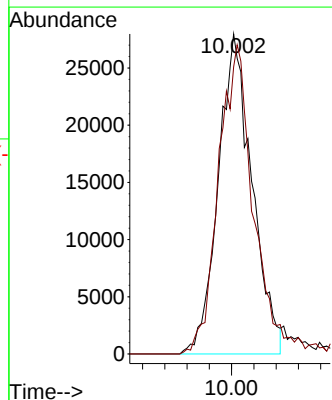
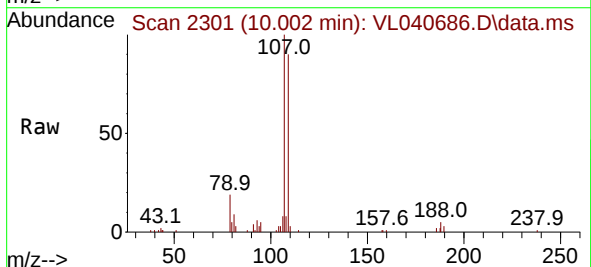
Manual Integrations
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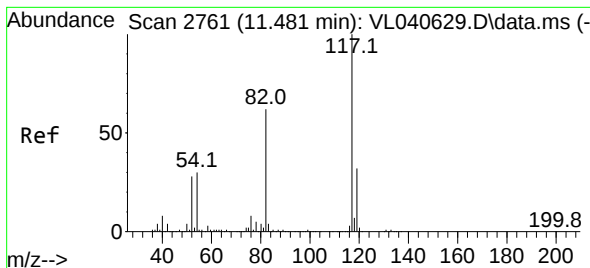
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#54
1,2-Dibromoethane
Concen: 0.438 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

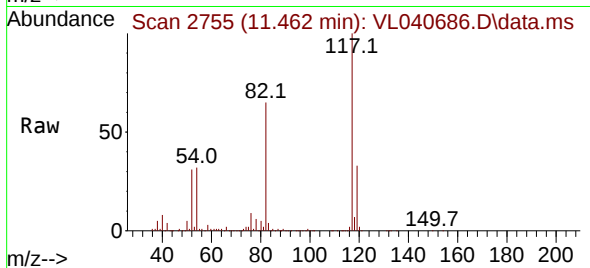
Tgt Ion:107 Resp: 58769
Ion Ratio Lower Upper
107 100
109 89.7 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

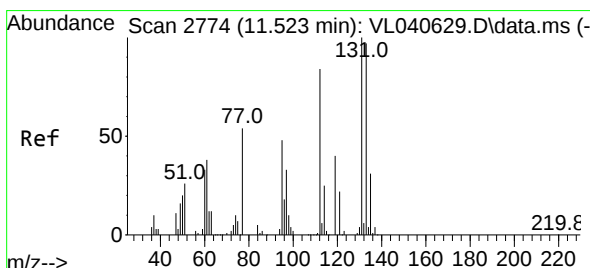
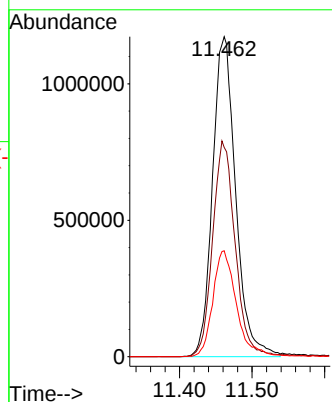
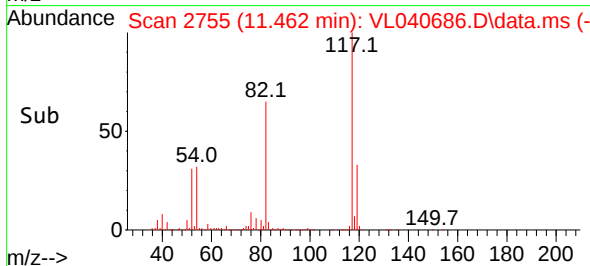
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



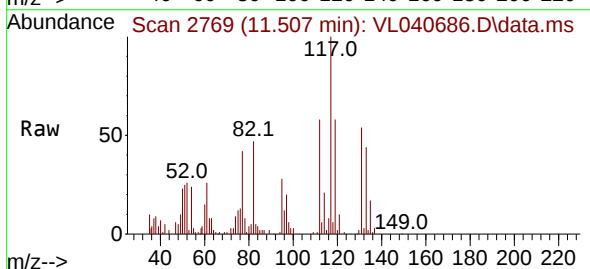
Tgt Ion:117 Resp: 2596570
Ion Ratio Lower Upper
117 100
82 66.1 51.4 77.0
119 34.1 24.7 37.1

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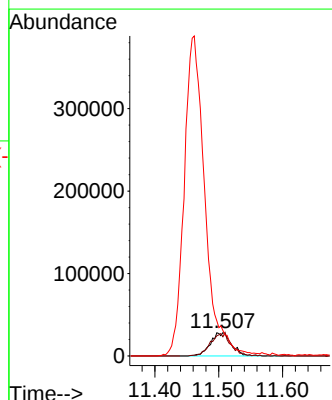
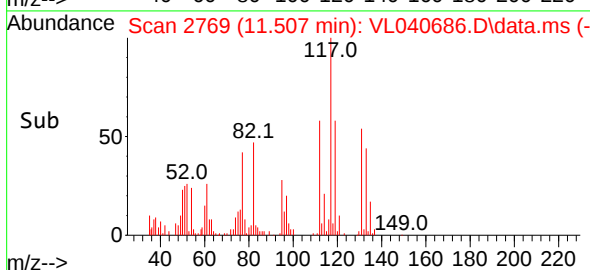
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

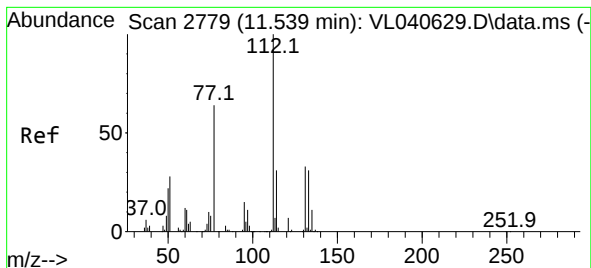


#56
1,1,1,2-Tetrachloroethane
Concen: 0.538 ppbv m
RT: 11.507 min Scan# 2769
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



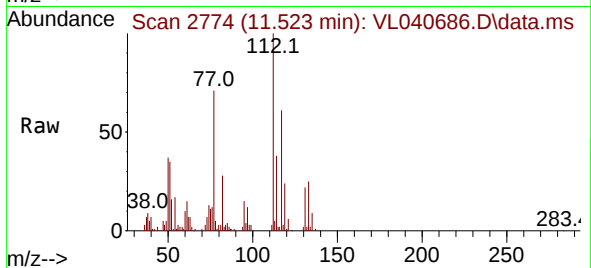
Tgt Ion:131 Resp: 64627
Ion Ratio Lower Upper
131 100
133 94.7 76.2 114.2
119 0.0 45.5 68.3#





#57
Chlorobenzene
Concen: 0.507 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

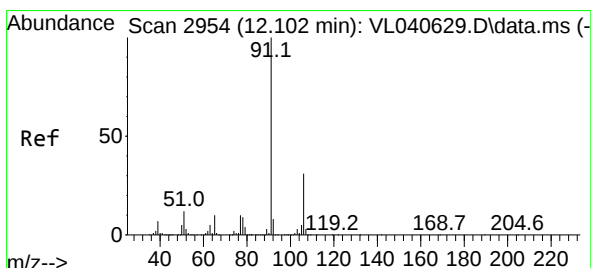
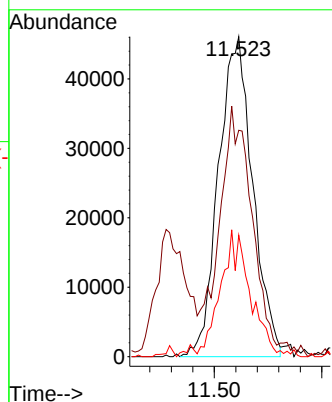
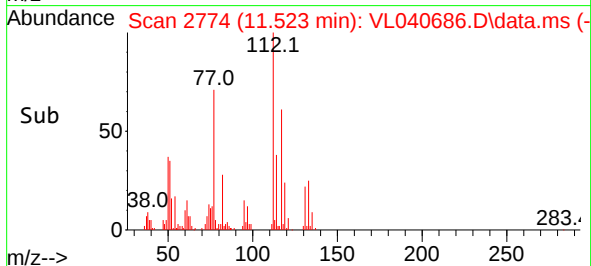
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:112 Resp: 10164
Ion Ratio Lower Upper
112 100
77 66.5 50.8 76.2
114 36.7 28.2 34.4

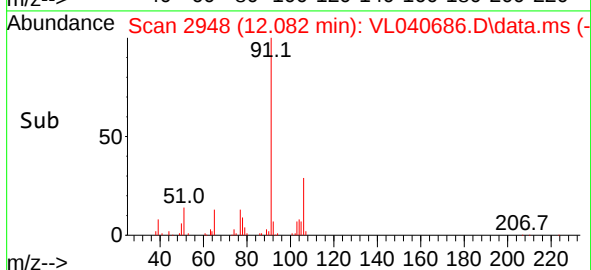
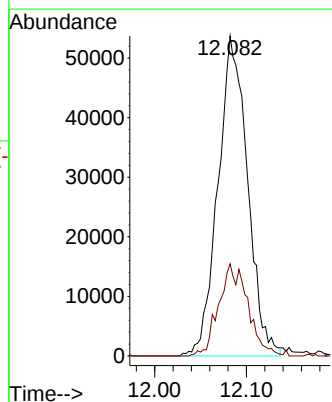
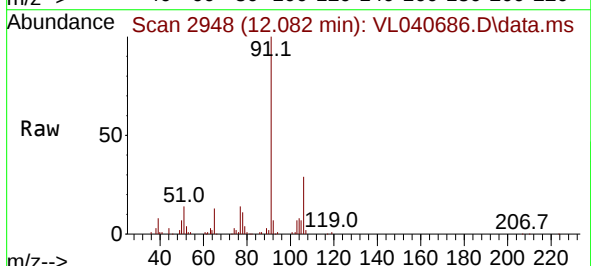
Manual Integrations
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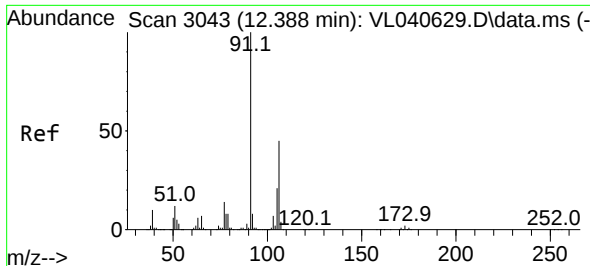
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#58
Ethyl Benzene
Concen: 0.383 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion: 91 Resp: 119931
Ion Ratio Lower Upper
91 100
106 28.8 24.7 37.1





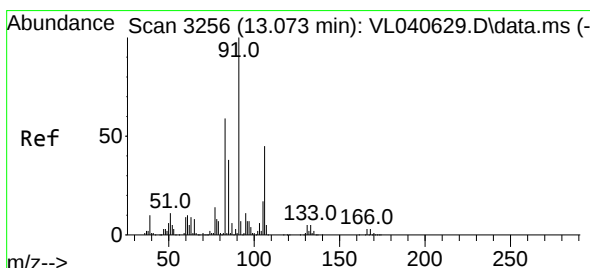
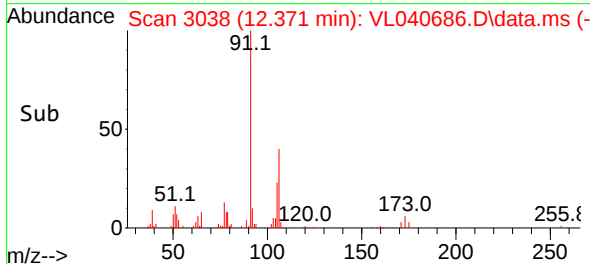
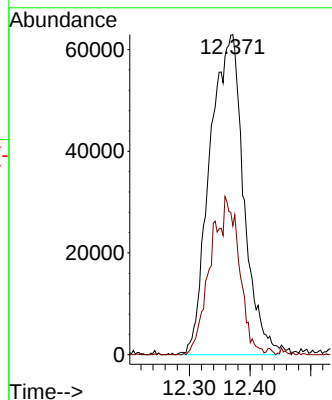
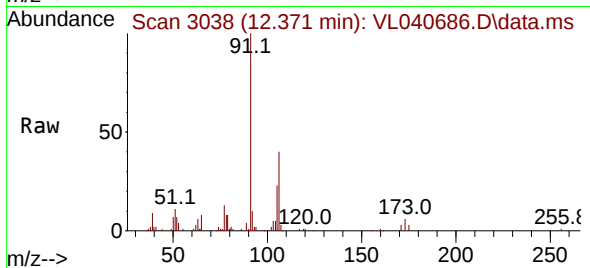
#59
m/p-Xylene
Concen: 0.853 ppbv m
RT: 12.371 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 24356
Ion Ratio Lower Upper
91 100
106 0.0 34.8 52.2

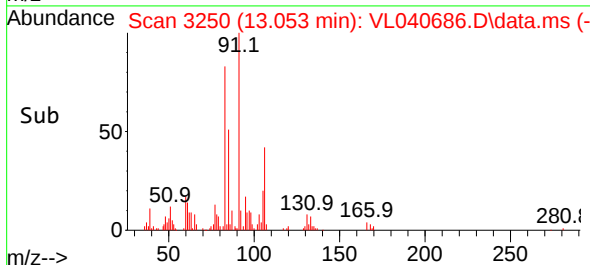
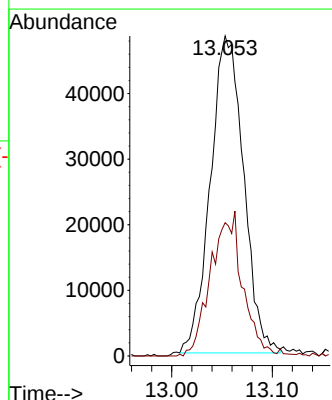
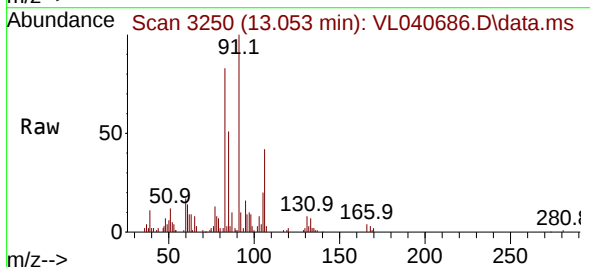
Manual Integrations
APPROVED

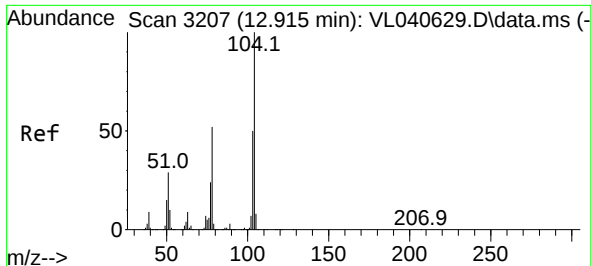
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#60
o-Xylene
Concen: 0.411 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

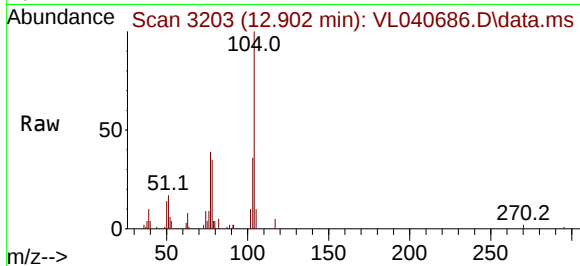
Tgt Ion: 91 Resp: 111196
Ion Ratio Lower Upper
91 100
106 43.6 22.3 66.9





#61
Styrene
Concen: 0.312 ppbv m
RT: 12.902 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

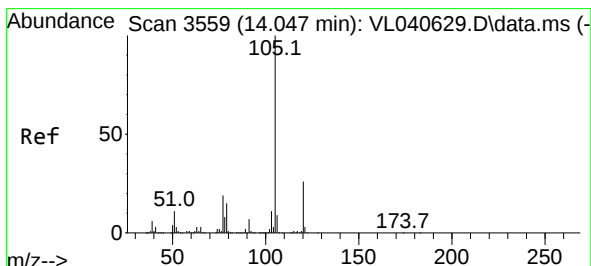
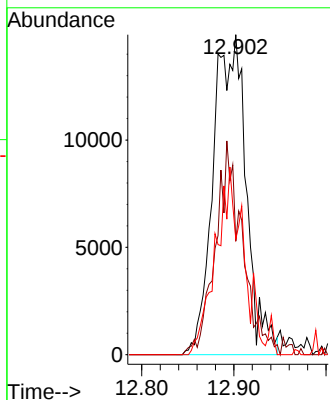
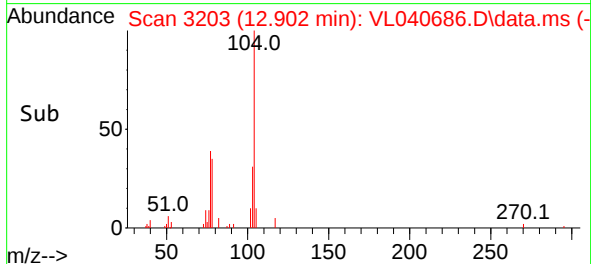
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:104 Resp: 37038
Ion Ratio Lower Upper
104 100
78 55.7 43.4 65.0
103 50.9 37.2 55.8

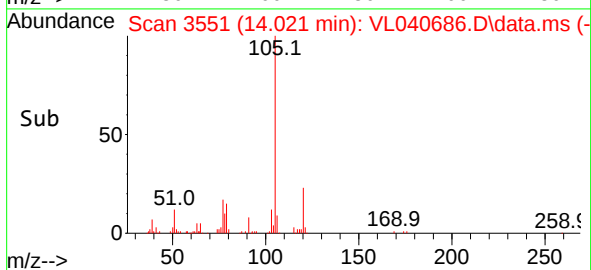
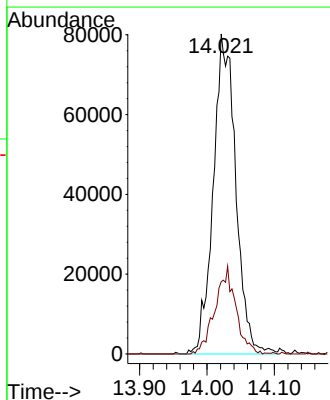
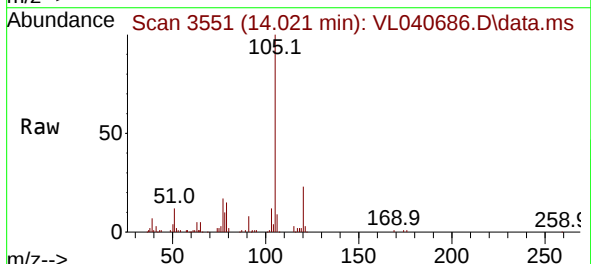
Manual Integrations
APPROVED

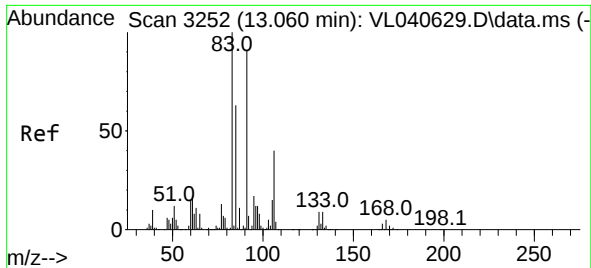
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#62
Isopropylbenzene
Concen: 0.454 ppbv m
RT: 14.021 min Scan# 3551
Delta R.T. -0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion:105 Resp: 185947
Ion Ratio Lower Upper
105 100
120 0.0 20.2 30.4#





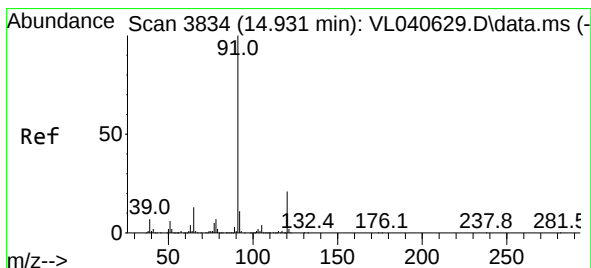
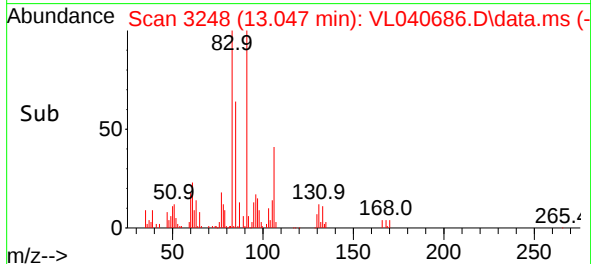
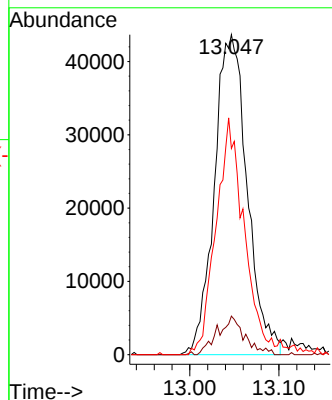
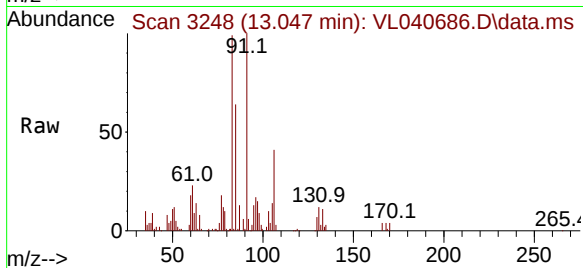
#63
1,1,2,2-Tetrachloroethane
Concen: 0.550 ppbv
RT: 13.047 min Scan# 31158
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 11158
Ion Ratio Lower Upper
83 100
131 10.0 4.7 14.1
85 65.5 33.1 99.3

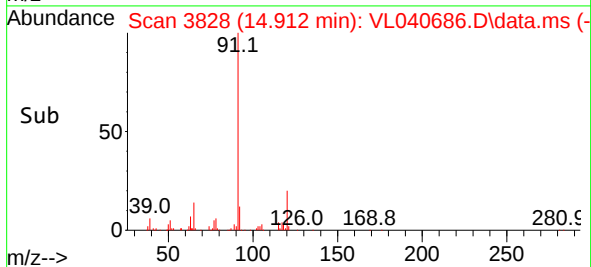
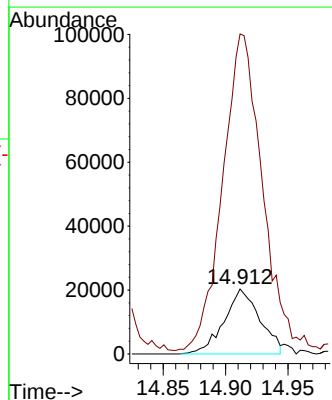
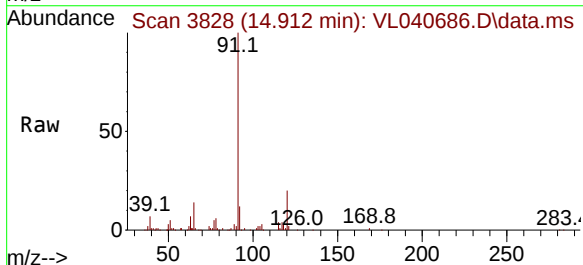
Manual Integrations
APPROVED

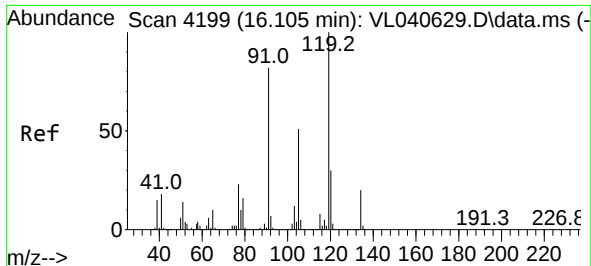
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#64
n-propylbenzene
Concen: 0.392 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion:120 Resp: 40612
Ion Ratio Lower Upper
120 100
91 562.4 386.9 580.3





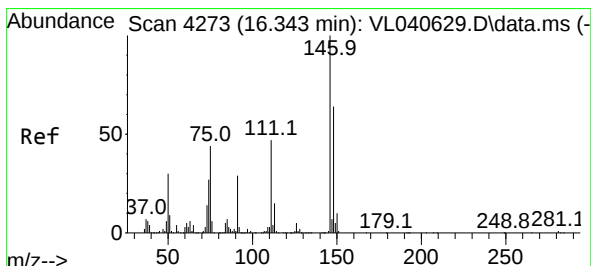
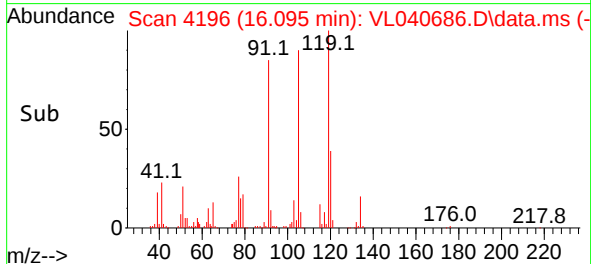
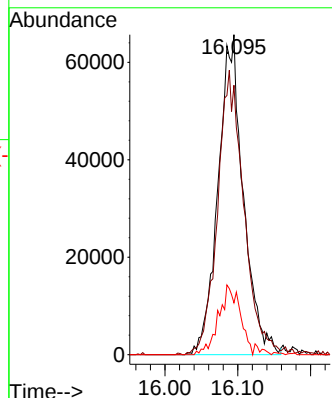
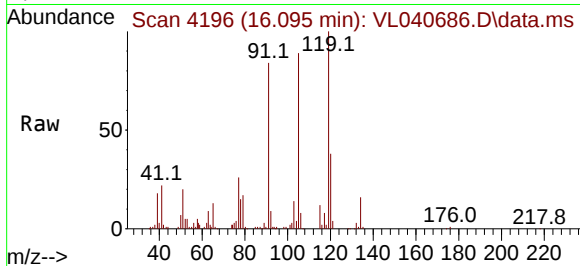
#65
tert-Butylbenzene
Concen: 0.445 ppbv m
RT: 16.095 min Scan# 4199
Delta R.T. 0.010 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 15819
Ion Ratio Lower Upper
119 100
91 93.7 69.8 104.8
134 19.7 15.4 23.2

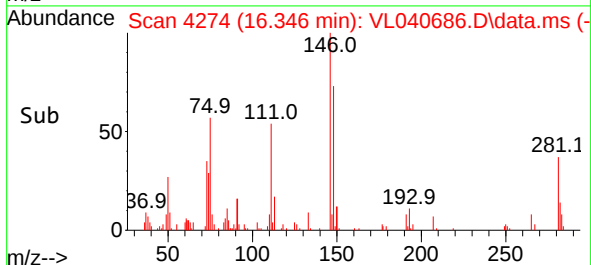
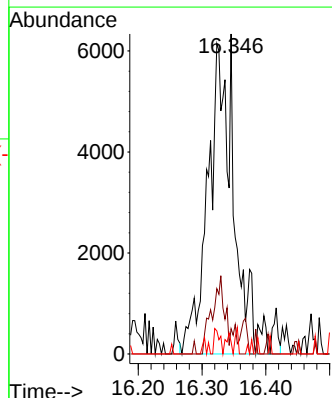
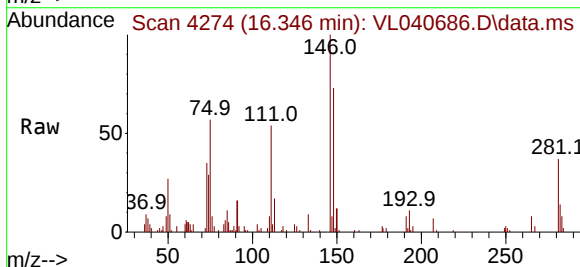
Manual Integrations
APPROVED

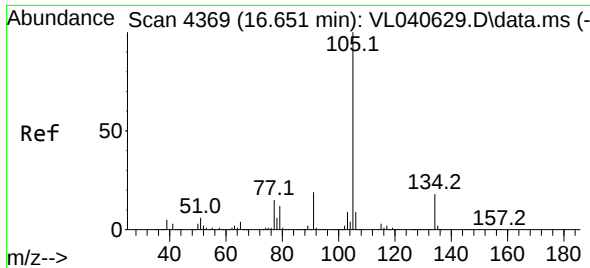
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#66
Benzyl Chloride
Concen: 0.401 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.022 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

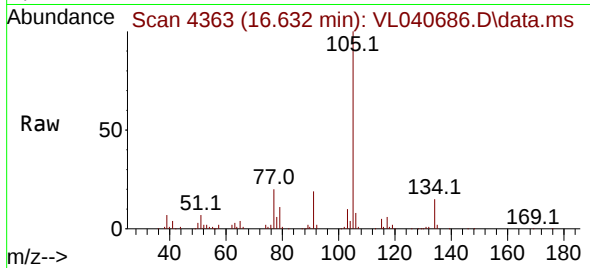
Tgt Ion: 91 Resp: 17923
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 1.7 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.448 ppbv m
 RT: 16.632 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44

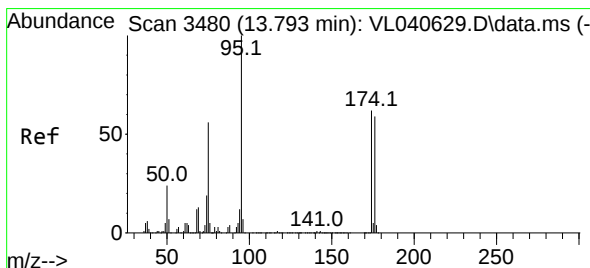
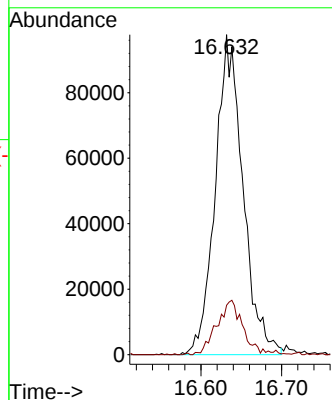
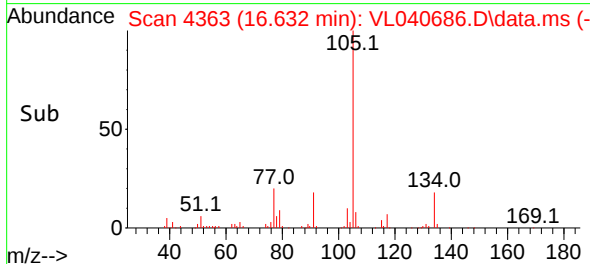
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



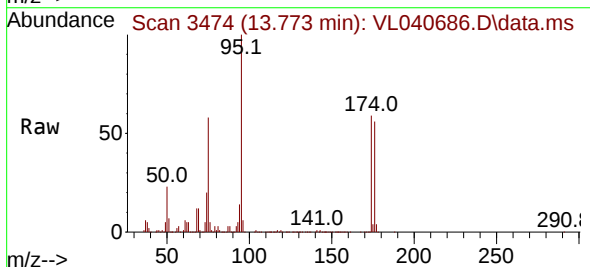
Tgt Ion:105 Resp: 232204
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.1 21.1

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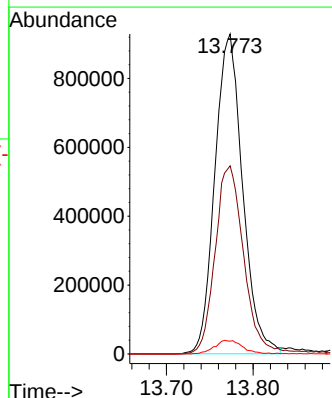
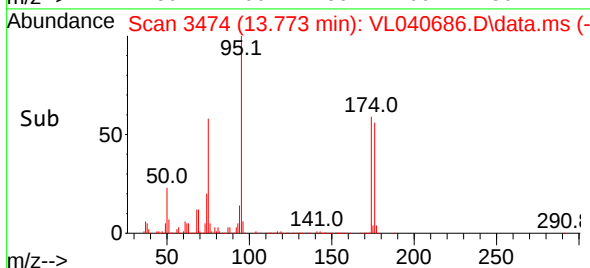
Reviewed By :Semsettin Yesilyurt 09/15/2023
 Supervised By :Mahesh Dadoda 09/15/2023

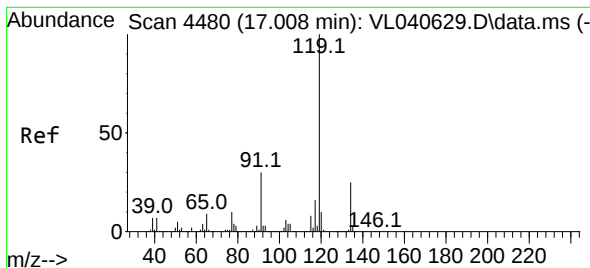


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.007 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL040686.D
 Acq: 14 Sep 2023 15:44



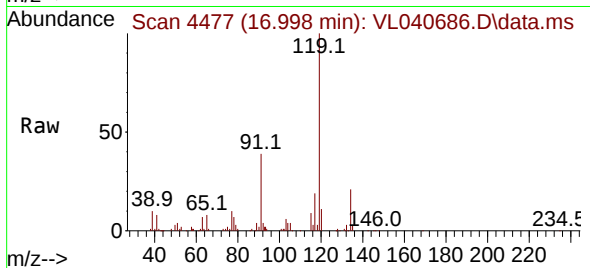
Tgt Ion: 95 Resp: 2066579
 Ion Ratio Lower Upper
 95 100
 174 61.1 48.9 73.3
 175 4.4 3.5 5.3





#69
p-Isopropyltoluene
Concen: 0.413 ppbv
RT: 16.998 min Scan# 4480
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

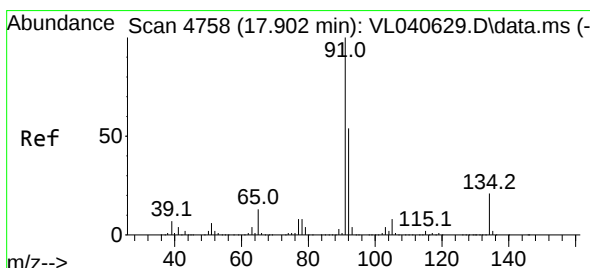
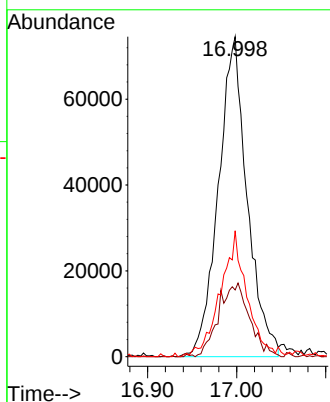
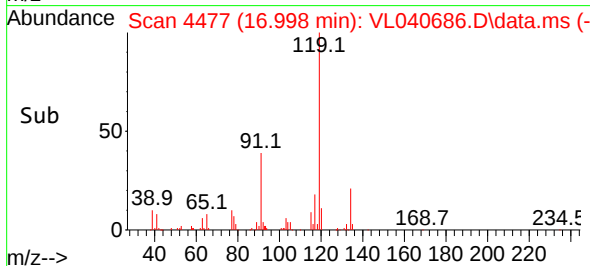
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



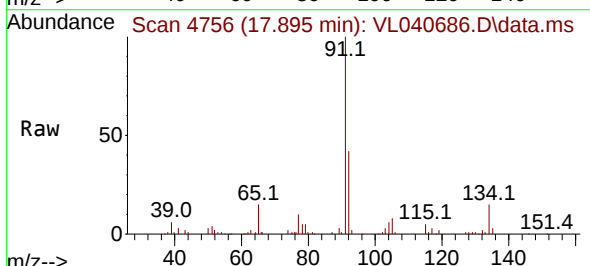
Tgt Ion: 119 Resp: 167249
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.2
91 37.5 25.0 37.6

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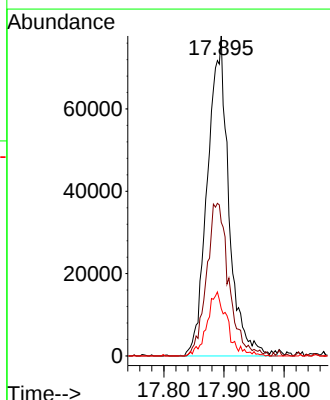
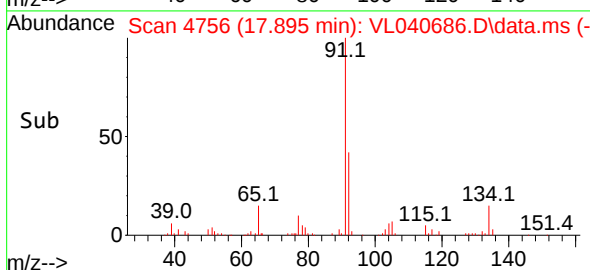
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

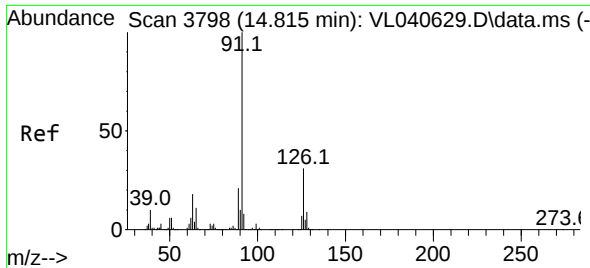


#70
n-Butylbenzene
Concen: 0.432 ppbv m
RT: 17.895 min Scan# 4756
Delta R.T. 0.013 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



Tgt Ion: 91 Resp: 191262
Ion Ratio Lower Upper
91 100
92 50.4 42.7 64.1
134 19.2 17.0 25.4





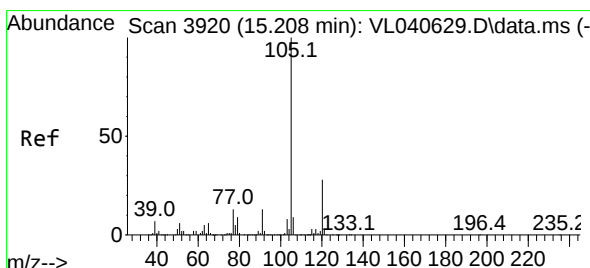
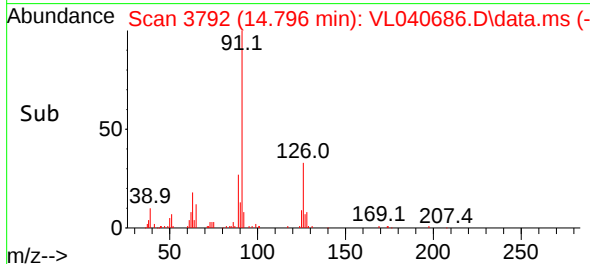
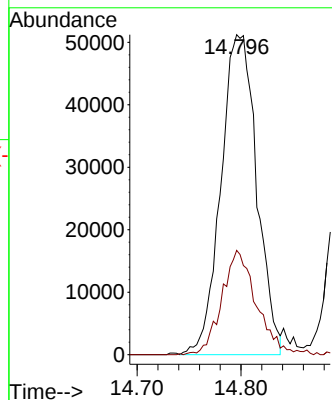
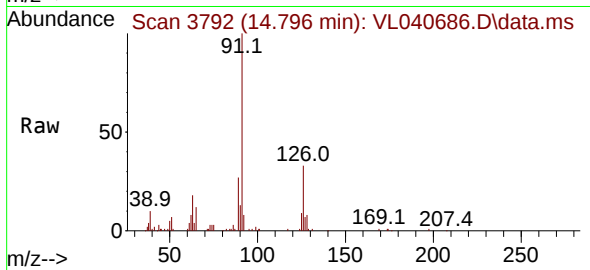
#71
2-Chlorotoluene
Concen: 0.404 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 12280
Ion Ratio Lower Upper
91 100
126 31.7 12.0 47.8

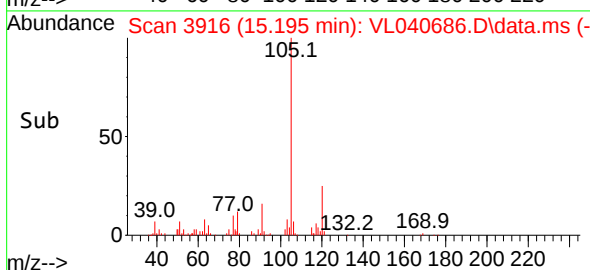
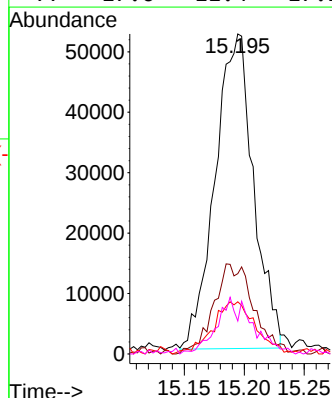
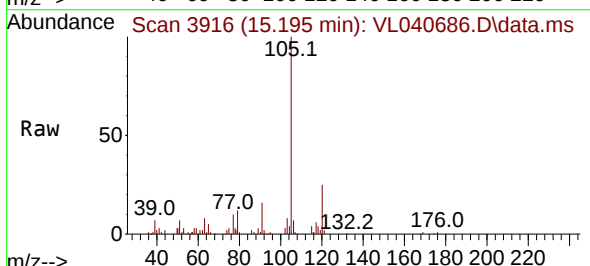
Manual Integrations
APPROVED

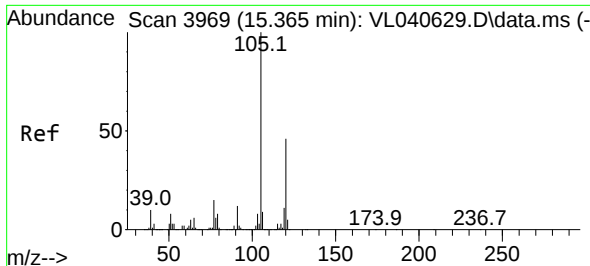
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#72
4-Ethyltoluene
Concen: 0.379 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

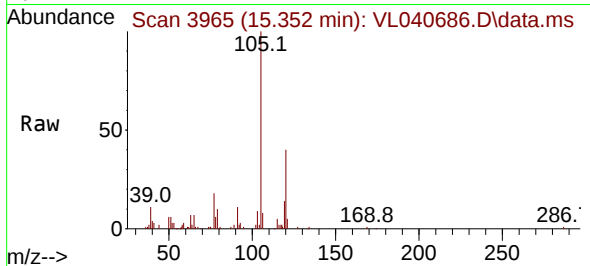
Tgt Ion:105 Resp: 115790
Ion Ratio Lower Upper
105 100
120 30.2 23.9 35.9
91 19.0 11.0 16.4#
77 17.6 11.4 17.2#





#73
1,3,5-Trimethylbenzene
Concen: 0.401 ppbv
RT: 15.352 min Scan# 3965
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

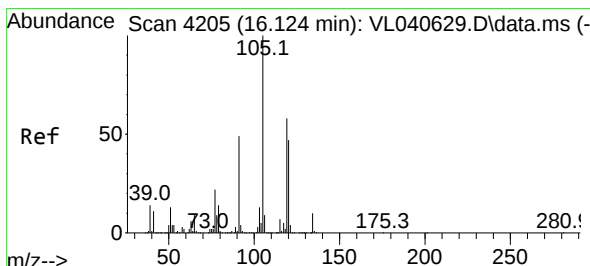
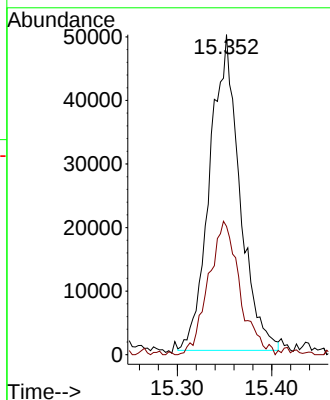
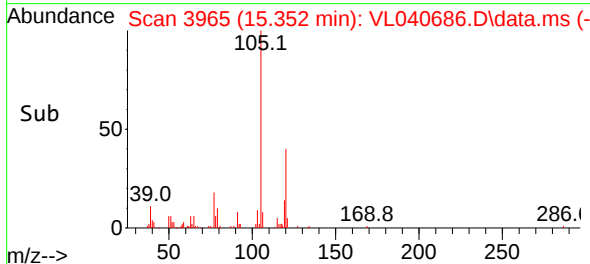
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



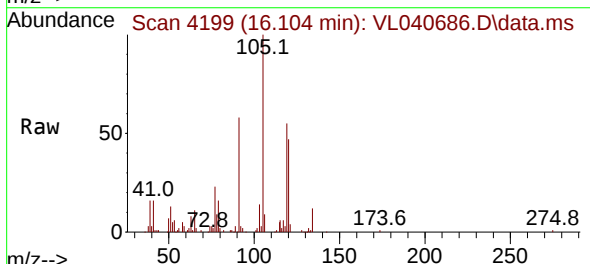
Tgt Ion:105 Resp: 109668
Ion Ratio Lower Upper
105 100
120 40.8 36.1 54.1

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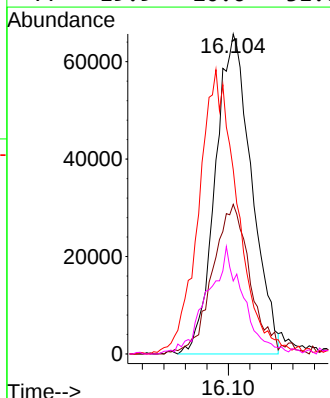
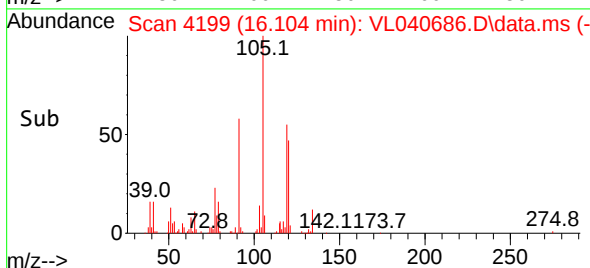
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

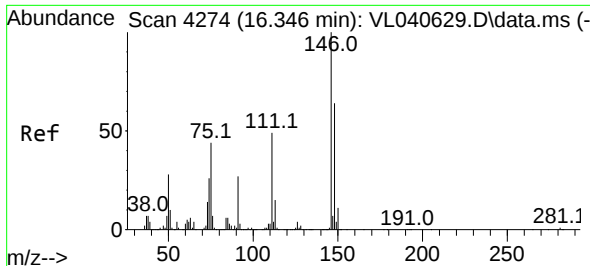


#74
1,2,4-Trimethylbenzene
Concen: 0.483 ppbv
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



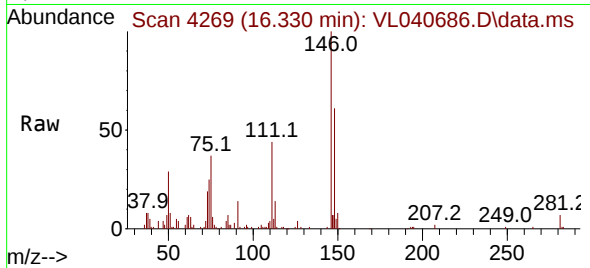
Tgt Ion:105 Resp: 153974
Ion Ratio Lower Upper
105 100
120 45.7 38.6 57.8
91 53.1 50.0 75.0
77 19.9 20.6 31.0#





#75
1,3-Dichlorobenzene
Concen: 0.477 ppbv m
RT: 16.330 min Scan# 4274
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

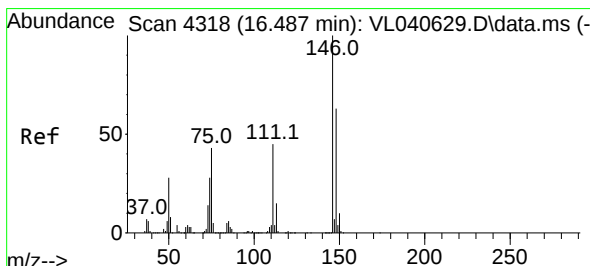
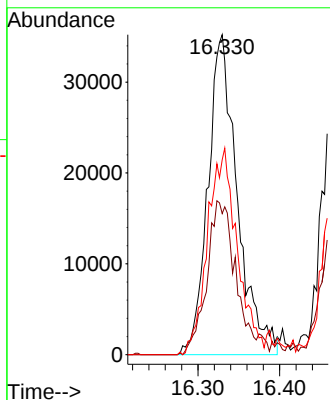
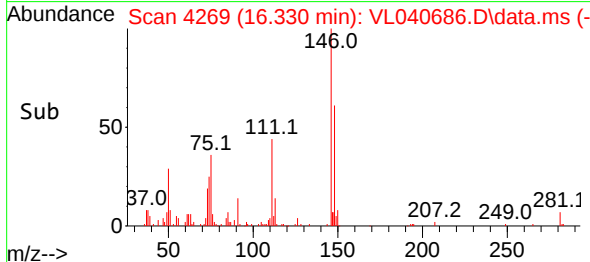
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



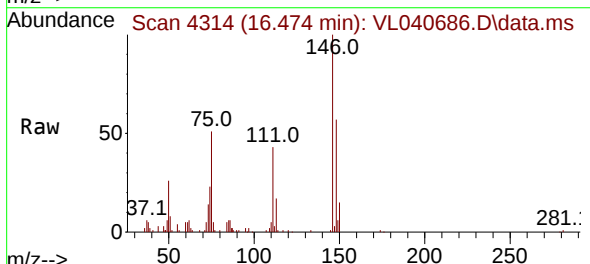
Tgt Ion:146 Resp: 87935
Ion Ratio Lower Upper
146 100
111 50.6 23.9 71.7
148 68.0 31.8 95.4

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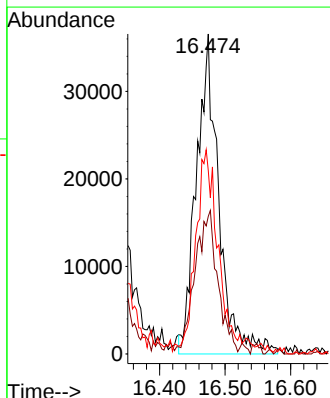
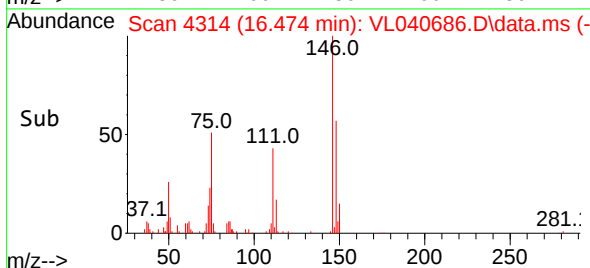
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023

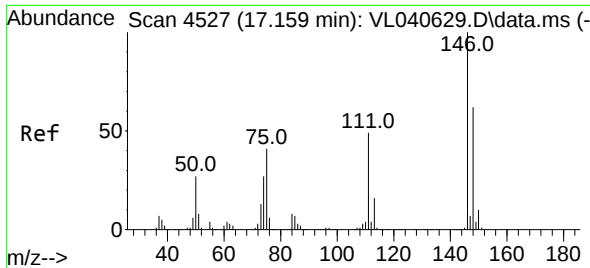


#76
1,4-Dichlorobenzene
Concen: 0.481 ppbv m
RT: 16.474 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44



Tgt Ion:146 Resp: 86779
Ion Ratio Lower Upper
146 100
111 48.1 23.8 71.2
148 67.5 32.6 97.7





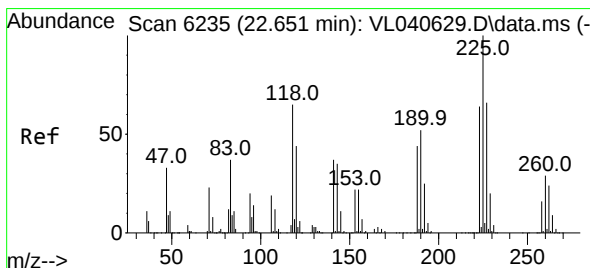
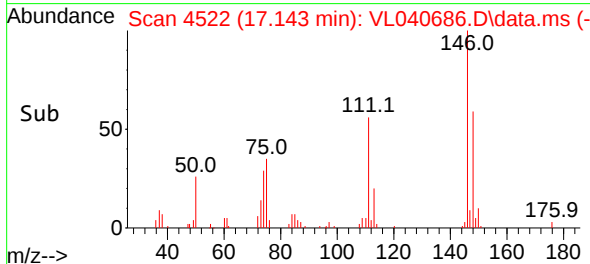
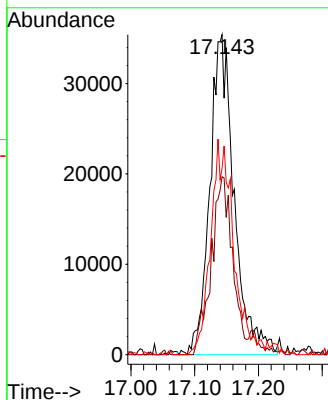
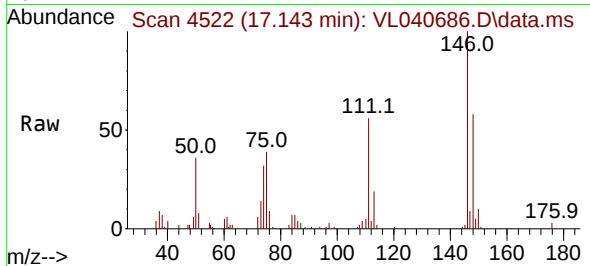
#77
1,2-Dichlorobenzene
Concen: 0.519 ppbv m
RT: 17.143 min Scan# 4527
Delta R.T. 0.003 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 94208
Ion Ratio Lower Upper
146 100
111 52.3 25.0 75.0
148 65.0 32.4 97.0

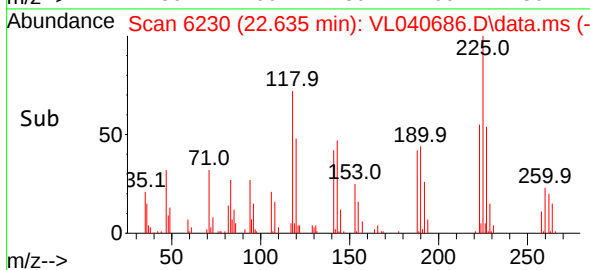
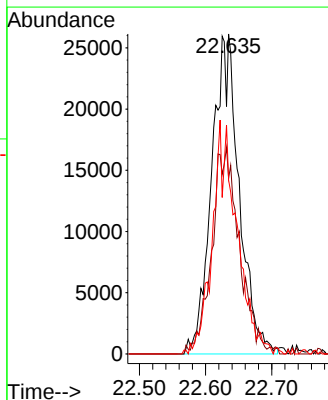
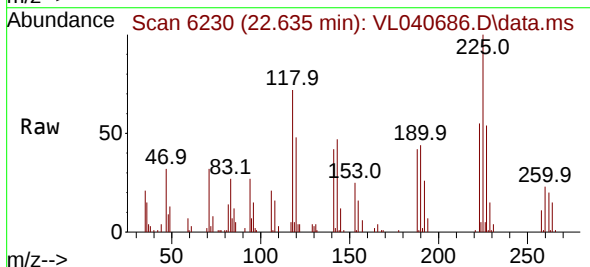
Manual Integrations
APPROVED

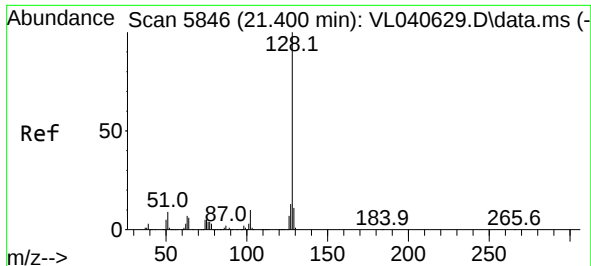
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.547 ppbv m
RT: 22.635 min Scan# 6230
Delta R.T. 0.006 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion:225 Resp: 75334
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8#
227 65.6 50.7 76.1





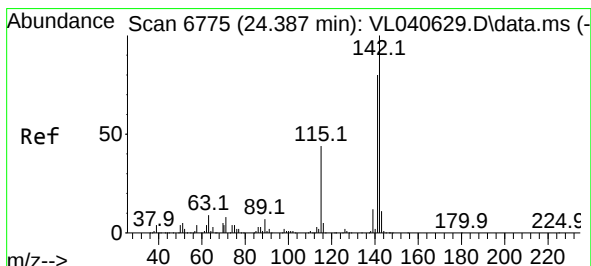
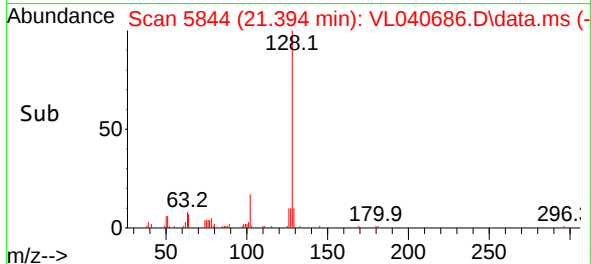
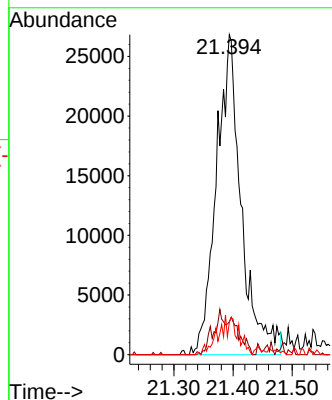
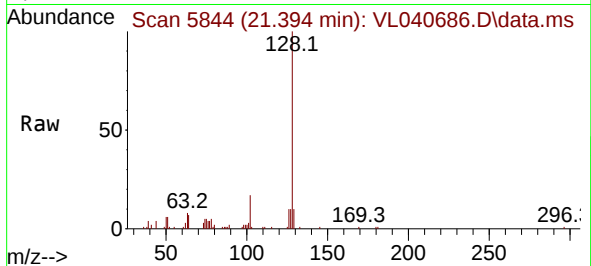
#79
Naphthalene
Concen: 0.372 ppbv m
RT: 21.394 min Scan# 5846
Delta R.T. 0.016 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 78380
Ion Ratio Lower Upper
128 100
127 10.3 9.8 14.6
129 10.1 8.4 12.6

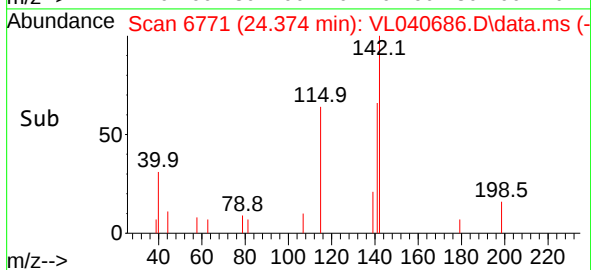
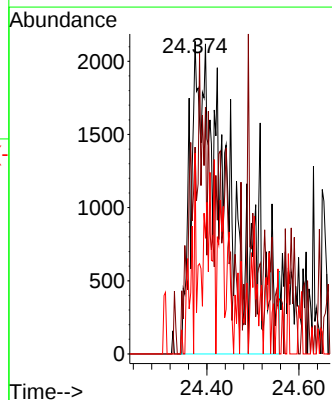
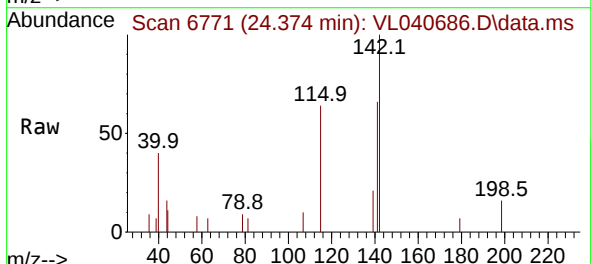
Manual Integrations
APPROVED

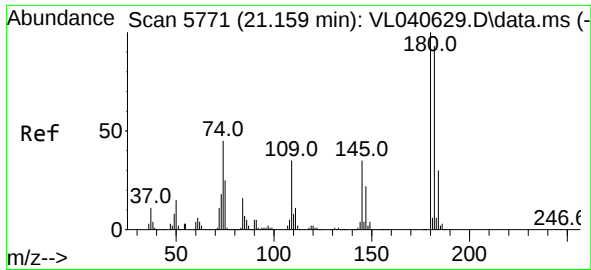
Reviewed By :Semsettin Yesilyurt 09/15/2023
Supervised By :Mahesh Dadoda 09/15/2023



#80
Naphthalene,2-methyl-
Concen: 0.207 ppbv m
RT: 24.374 min Scan# 6771
Delta R.T. -0.000 min
Lab File: VL040686.D
Acq: 14 Sep 2023 15:44

Tgt Ion:142 Resp: 12557
Ion Ratio Lower Upper
142 100
141 46.0 67.0 100.6#
115 15.4 37.4 56.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.397 ppbv m

RT: 21.146 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL040686.D

Acq: 14 Sep 2023 15:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:180 Resp: 5504

Ion Ratio Lower Upper

180 100

182 100.2 77.9 116.9

184 32.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/15/2023

Supervised By :Mahesh Dadoda 09/15/2023

