

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040094.D
 Acq On : 16 Jan 2023 12:12
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jan 16 12:41:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Jan 16 11:28:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	1086207	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2937047	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2644223	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2216342	10.973	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 109.700%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.716	85	109016	0.536	ppbv	96
3) Chlorodifluoromethane	2.661	51	69438	0.433	ppbv	98
4) Chloromethane	2.803	50	43646	0.435	ppbv	94
5) Vinyl Chloride	2.909	62	33952	0.418	ppbv	97
6) Bromomethane	3.108	94	13178m	0.441	ppbv	
7) Chloroethane	3.189	64	13206m	0.431	ppbv	
8) Dichlorotetrafluoroethane	2.845	85	97652m	0.456	ppbv	
9) Propene	2.684	41	28945m	0.426	ppbv	
10) Heptane	7.581	43	54981	0.331	ppbv	97
11) Trichlorofluoromethane	3.555	101	98983m	0.448	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.057	101	74602m	0.446	ppbv	
13) Ethanol	3.243	45	2750m	0.430	ppbv	
14) Bromoethene	3.359	108	27521m	0.437	ppbv	
15) Acetone	3.475	43	70083	0.417	ppbv	99
16) 1,3-Butadiene	2.973	39	30092	0.412	ppbv	98
17) tert-Butyl alcohol	3.896	59	65032m	0.393	ppbv	
18) 1,1-Dichloroethene	3.874	96	33079m	0.454	ppbv	
19) Isopropyl Alcohol	3.587	45	35491m	0.429	ppbv	
20) Methylene Chloride	3.925	84	33433m	0.468	ppbv	
21) Allyl Chloride	3.989	41	39004	0.386	ppbv	89
22) trans-1,2-Dichloroethene	4.443	96	31018	0.427	ppbv	93
23) Vinyl Acetate	4.632	43	20883m	0.392	ppbv	
24) 1,1-Dichloroethane	4.562	63	66295	0.424	ppbv #	94
25) Ethyl Acetate	5.214	43	112126	0.385	ppbv	96
26) Hexane	5.211	57	52807m	0.432	ppbv	
27) Carbon Disulfide	4.121	76	53915m	0.349	ppbv	
28) Methyl tert-Butyl Ether	4.597	73	56142	0.389	ppbv	100
29) Chloroform	5.272	83	82563m	0.442	ppbv	
30) Cyclohexane	6.603	84	33486m	0.309	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	48928m	0.420	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	84498m	0.423	ppbv	
34) 2-Butanone	4.800	43	65739	0.413	ppbv	98
35) Carbon Tetrachloride	6.494	117	78187	0.429	ppbv	95
36) Benzene	6.365	78	105242m	0.401	ppbv	
37) 1,2-Dichloroethane	5.803	62	69727	0.453	ppbv	99
38) Trichloroethene	7.295	130	60607m	0.450	ppbv	
39) 1,2-Dichloropropane	7.079	63	41515	0.422	ppbv	95
40) 1,4-Dioxane	7.327	88	17246m	0.389	ppbv	
41) Tetrahydrofuran	5.581	42	38047m	0.383	ppbv	
42) Bromodichloromethane	7.253	83	85366m	0.405	ppbv	
43) Methyl Methacrylate	7.481	69	31557m	0.321	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	167627	0.388	ppbv	97
45) t-1,3-Dichloropropene	8.719	75	26453m	0.318	ppbv	

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 Sample : VSTDIC0.5
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 12:41:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

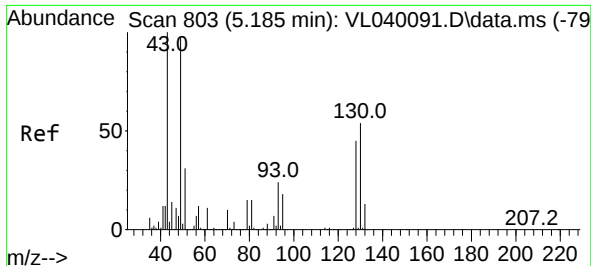
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jan 16 11:28:27 2023

Response via : Initial Calibration

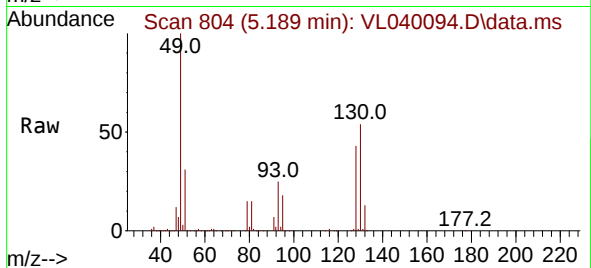
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	35420	0.302	ppbv	91
47) 1,1,2-Trichloroethane	8.899	97	41344m	0.384	ppbv	
48) Dibromochloromethane	9.722	129	57181m	0.349	ppbv	
49) Bromoform	12.417	173	40999m	0.328	ppbv	
50) 4-Methyl-2-Pentanone	8.208	43	96653m	0.371	ppbv	
51) 2-Hexanone	9.578	43	66371m	0.328	ppbv	
52) Tetrachloroethene	10.626	164	34183m	0.383	ppbv	
53) Toluene	9.227	91	97090m	0.334	ppbv	
54) 1,2-Dibromoethane	10.015	107	43900m	0.379	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.513	131	48625m	0.399	ppbv	
57) Chlorobenzene	11.536	112	91467m	0.407	ppbv	
58) Ethyl Benzene	12.102	91	127625m	0.340	ppbv	
59) m/p-Xylene	12.378	91	235880m	0.721	ppbv	
60) o-Xylene	13.069	91	110300m	0.352	ppbv	
61) Styrene	12.912	104	50497m	0.300	ppbv	
62) Isopropylbenzene	14.037	105	168133	0.372	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	46056m	0.401	ppbv	
64) n-propylbenzene	14.934	120	39655m	0.347	ppbv	
65) tert-Butylbenzene	16.111	119	134720	0.343	ppbv	90
66) Benzyl Chloride	16.336	91	8706m	0.380	ppbv	
67) sec-Butylbenzene	16.651	105	192519	0.350	ppbv	96
69) p-Isopropyltoluene	17.008	119	142497	0.324	ppbv	93
70) n-Butylbenzene	17.905	91	153918	0.334	ppbv	98
71) 2-Chlorotoluene	14.812	91	124174	0.360	ppbv	95
72) 4-Ethyltoluene	15.204	105	121888m	0.350	ppbv	
73) 1,3,5-Trimethylbenzene	15.368	105	108109m	0.344	ppbv	
74) 1,2,4-Trimethylbenzene	16.124	105	121448	0.351	ppbv #	92
75) 1,3-Dichlorobenzene	16.352	146	72209m	0.381	ppbv	
76) 1,4-Dichlorobenzene	16.490	146	70078m	0.379	ppbv	
77) 1,2-Dichlorobenzene	17.162	146	68454m	0.377	ppbv	
78) Hexachloro-1,3-Butadiene	22.648	225	55758m	0.443	ppbv	
79) Naphthalene	21.407	128	58391m	0.283	ppbv	
80) Naphthalene,2-methyl-	24.394	142	21509m	0.341	ppbv	
81) 1,2,4-Trichlorobenzene	21.166	180	39910m	0.326	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 803
Delta R.T. 0.004 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

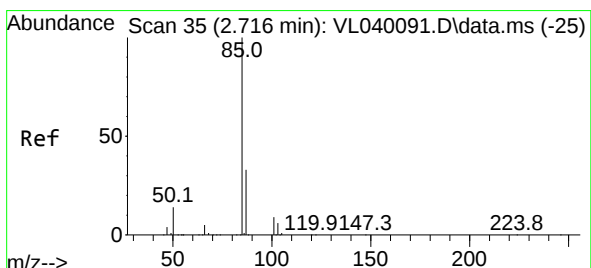
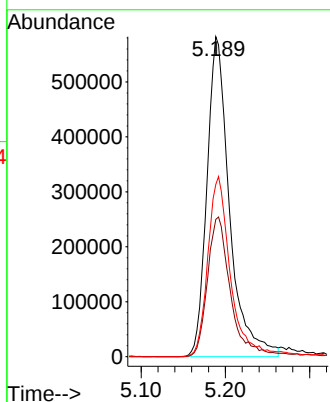
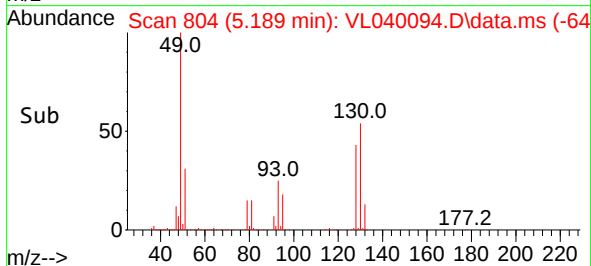
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 108620
Ion Ratio Lower Upper
49 100
128 45.6 23.6 71.0
130 57.8 29.8 89.3

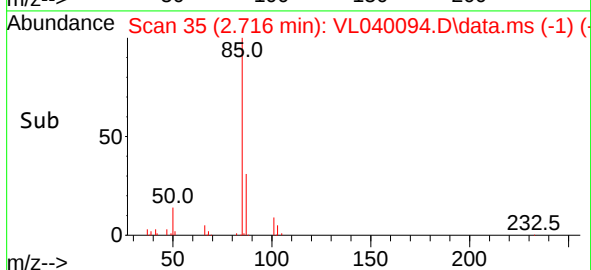
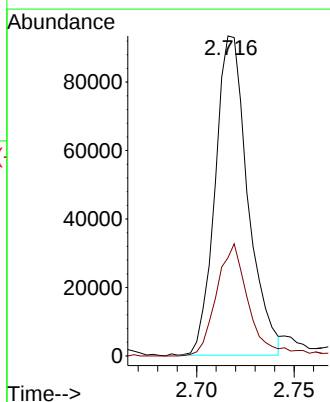
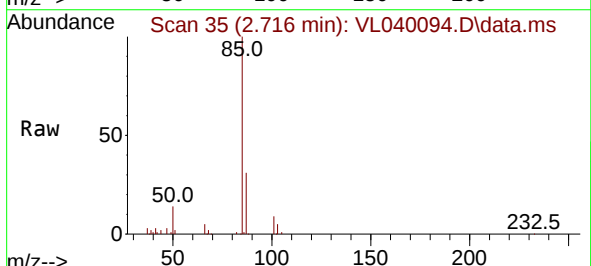
Manual Integrations
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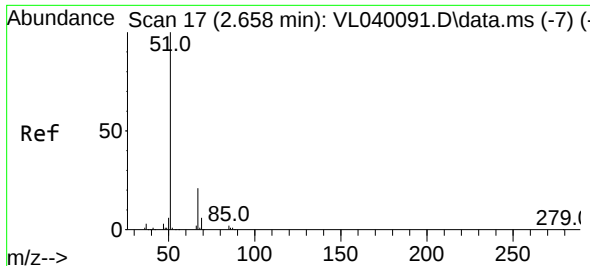
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#2
Dichlorodifluoromethane
Concen: 0.536 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 85 Resp: 109016
Ion Ratio Lower Upper
85 100
87 30.8 26.5 39.7





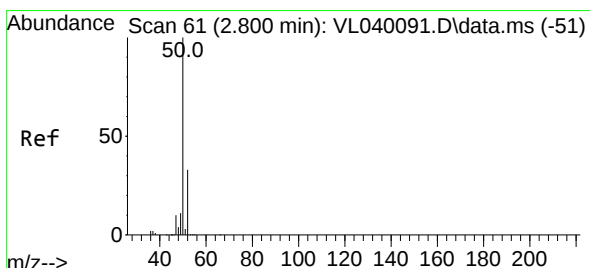
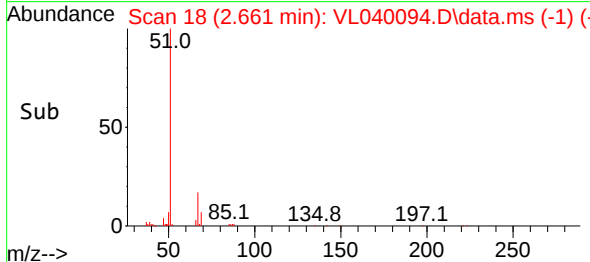
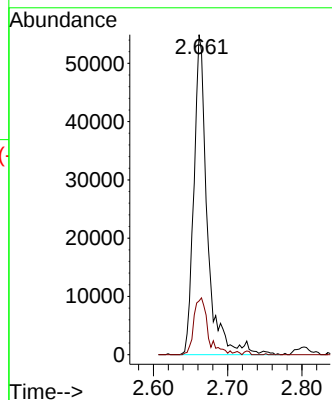
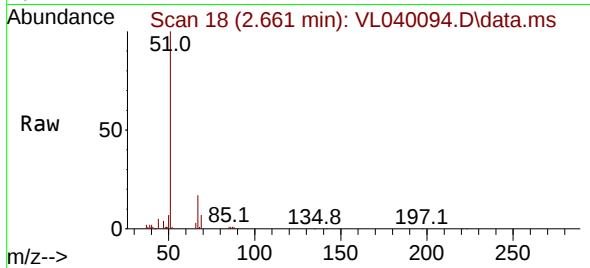
#3
Chlorodifluoromethane
Concen: 0.433 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 69438
Ion Ratio Lower Upper
51 100
67 19.5 16.4 24.6

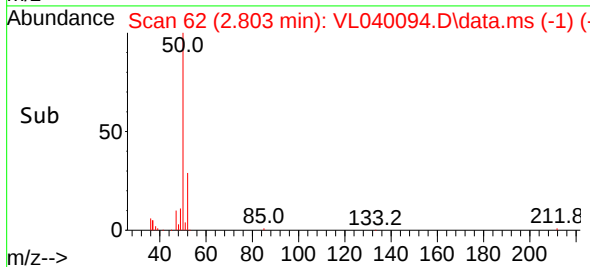
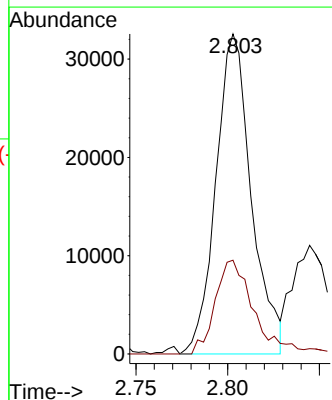
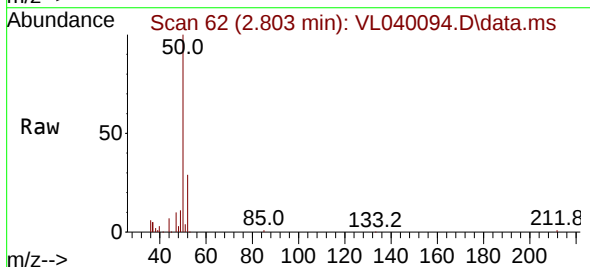
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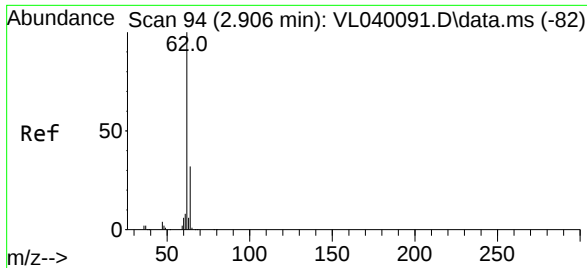
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Chloromethane
Concen: 0.435 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

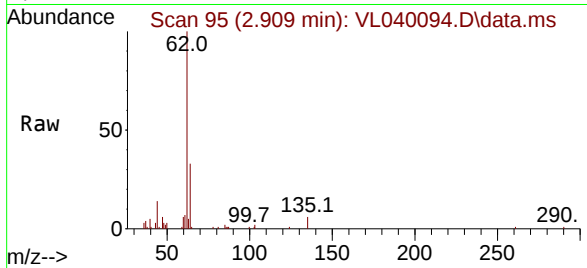
Tgt Ion: 50 Resp: 43646
Ion Ratio Lower Upper
50 100
52 29.8 26.5 39.7





#5
 Vinyl Chloride
 Concen: 0.418 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

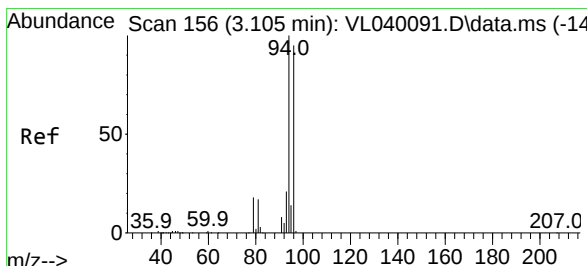
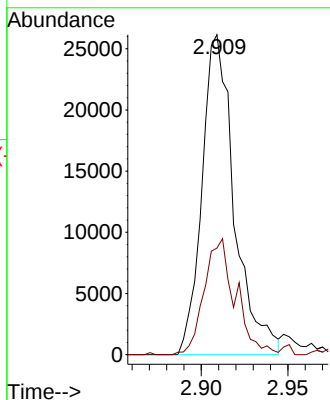
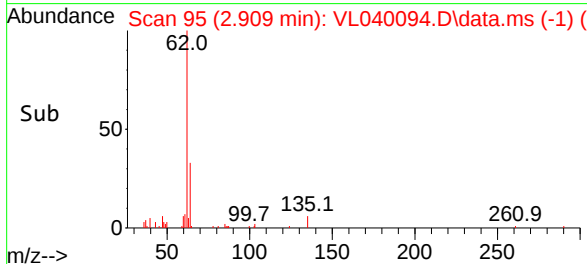
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 33952
 Ion Ratio Lower Upper
 62 100
 64 34.1 25.8 38.6

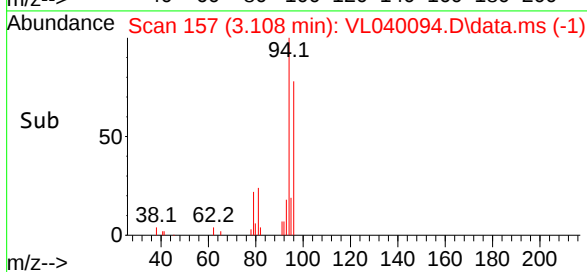
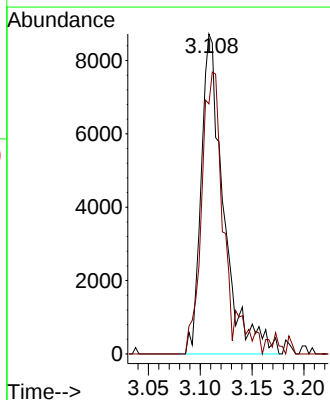
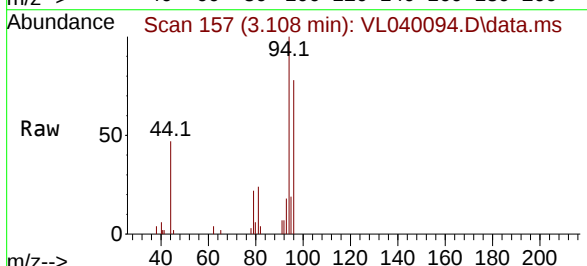
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#6
 Bromomethane
 Concen: 0.441 ppbv m
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

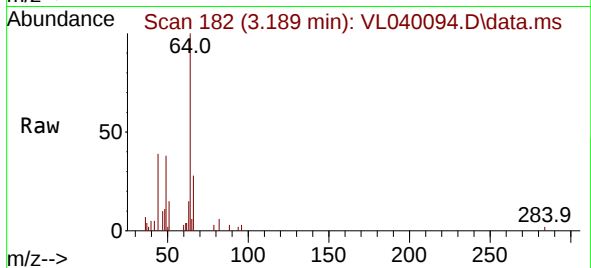
Tgt Ion: 94 Resp: 13178
 Ion Ratio Lower Upper
 94 100
 96 78.1 76.2 114.2





#7
Chloroethane
Concen: 0.431 ppbv m
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

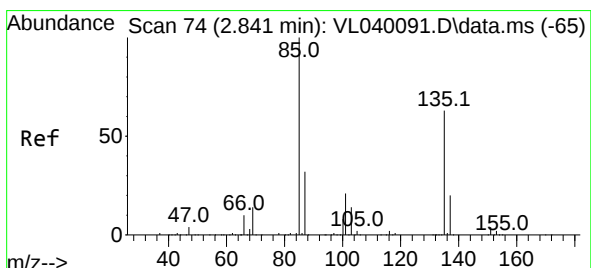
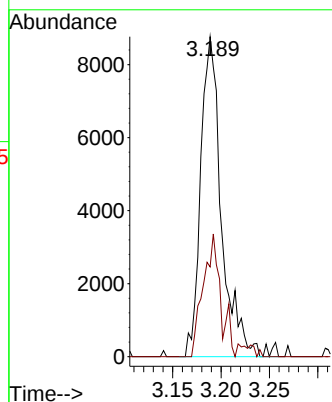
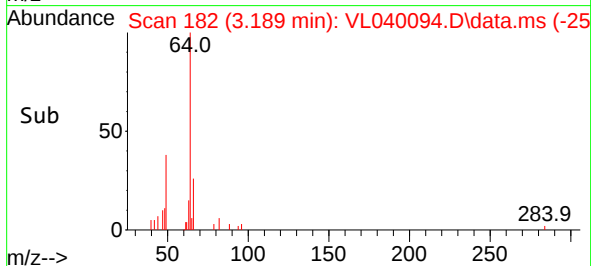
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 13200
Ion Ratio Lower Upper
64 100
66 28.0 25.6 38.4

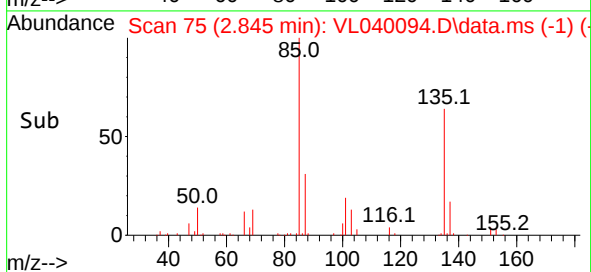
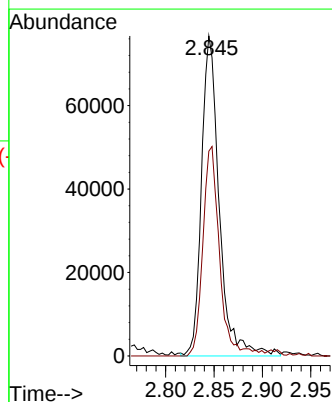
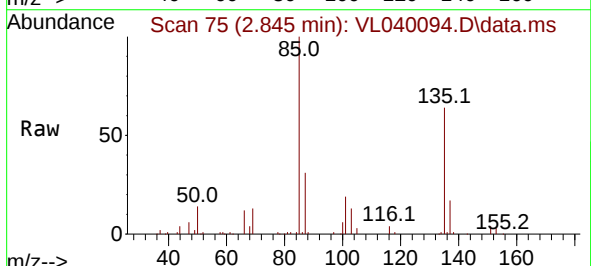
Manual Integrations
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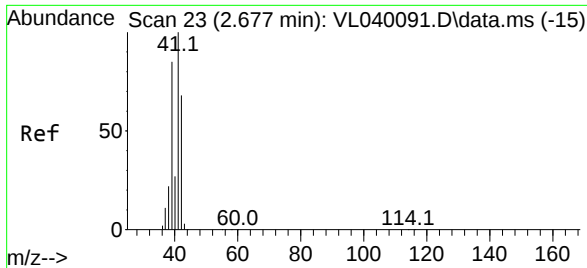
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#8
Dichlorotetrafluoroethane
Concen: 0.456 ppbv m
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

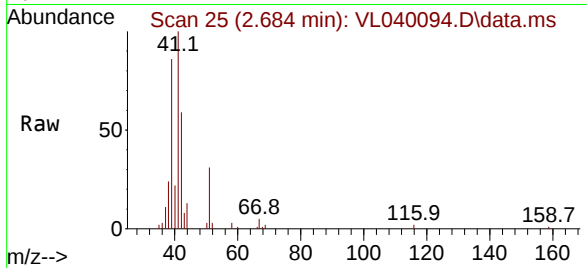
Tgt Ion: 85 Resp: 97652
Ion Ratio Lower Upper
85 100
135 63.4 51.4 77.2





#9
 Propene
 Concen: 0.426 ppbv m
 RT: 2.684 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

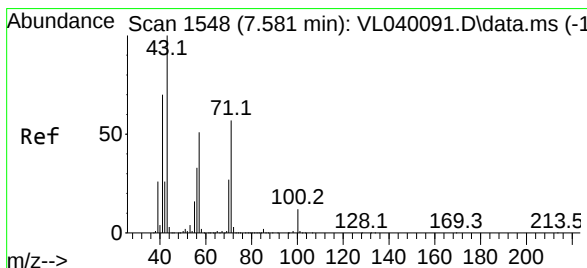
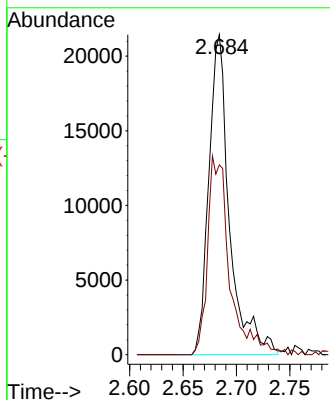
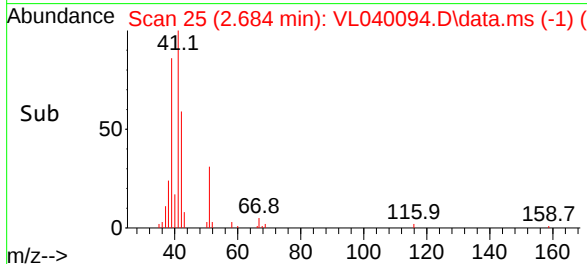
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 2894
 Ion Ratio Lower Upper
 41 100
 42 66.1 55.6 83.4

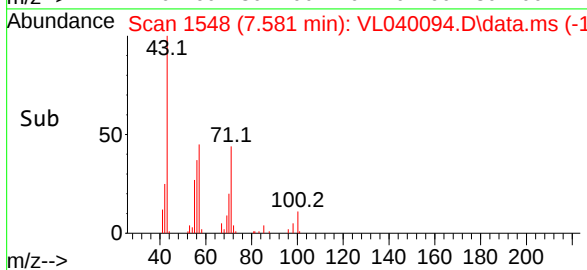
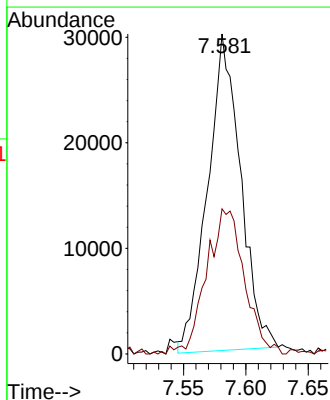
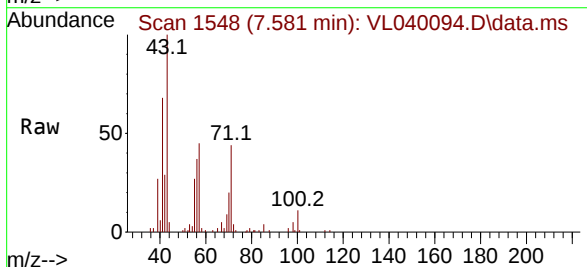
Manual Integrations
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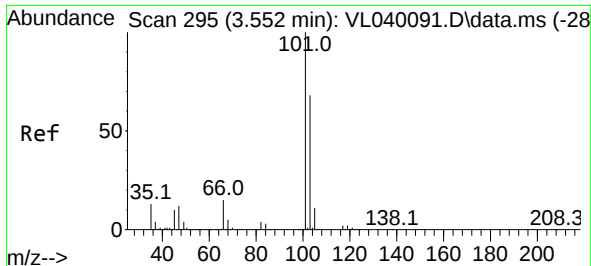
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#10
 Heptane
 Concen: 0.331 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. 0.000 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

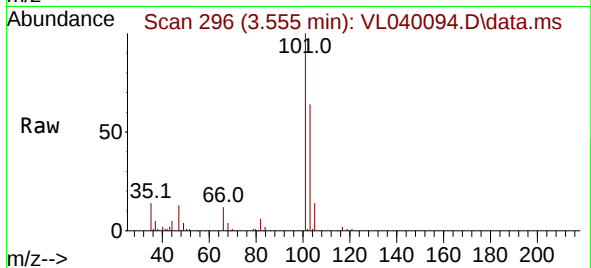
Tgt Ion: 43 Resp: 54981
 Ion Ratio Lower Upper
 43 100
 57 53.4 40.9 61.3





#11
Trichlorofluoromethane
Concen: 0.448 ppbv m
RT: 3.555 min Scan# 295
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

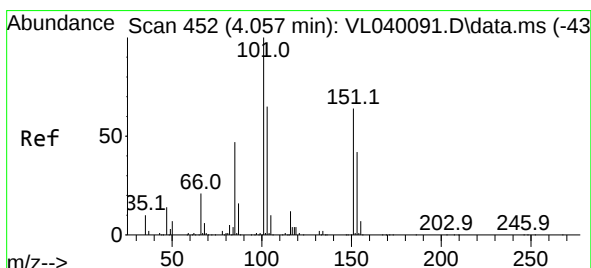
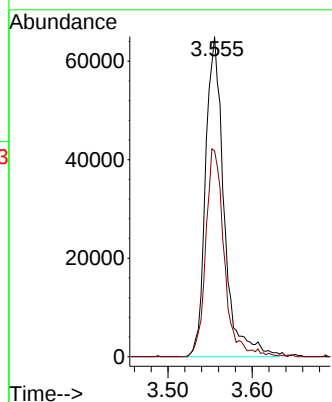
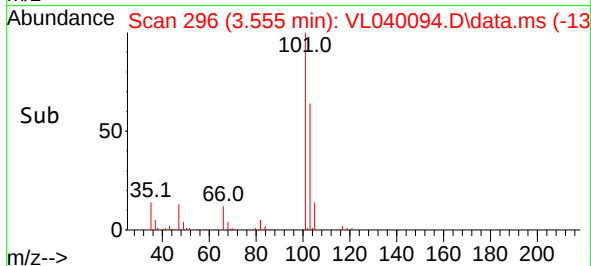
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



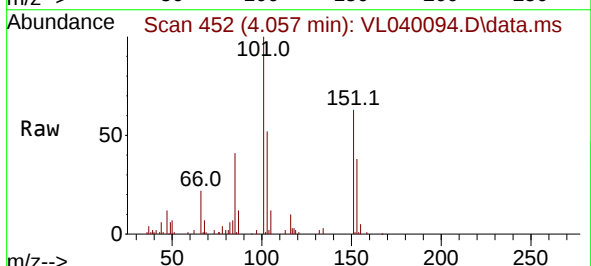
Tgt Ion:101 Resp: 9898
Ion Ratio Lower Upper
101 100
103 64.3 54.0 81.0

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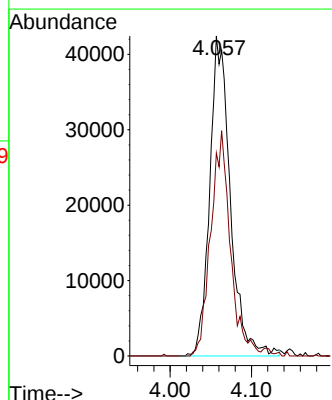
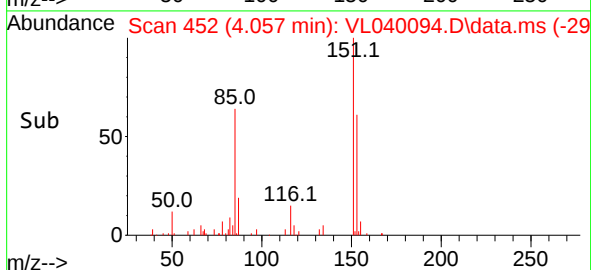
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

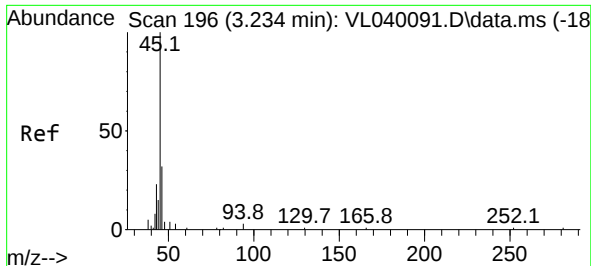


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.446 ppbv m
RT: 4.057 min Scan# 452
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12



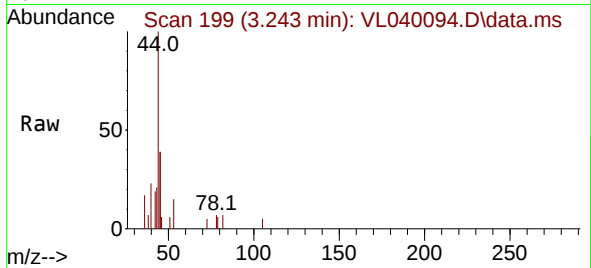
Tgt Ion:101 Resp: 74602
Ion Ratio Lower Upper
101 100
151 68.0 53.2 79.8





#13
 Ethanol
 Concen: 0.430 ppbv m
 RT: 3.243 min Scan# 196
 Delta R.T. 0.010 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

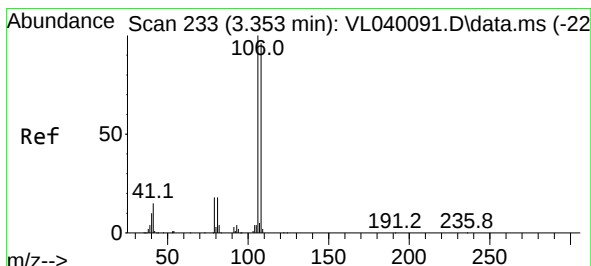
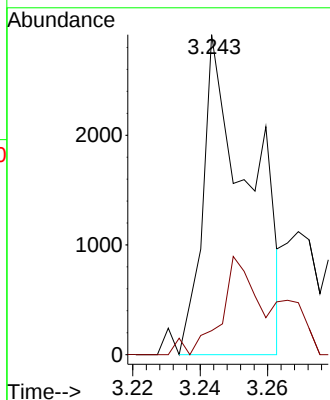
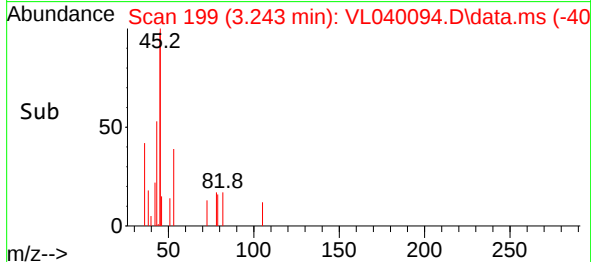
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 45 Resp: 2750
 Ion Ratio Lower Upper
 45 100
 46 35.3 14.8 59.2

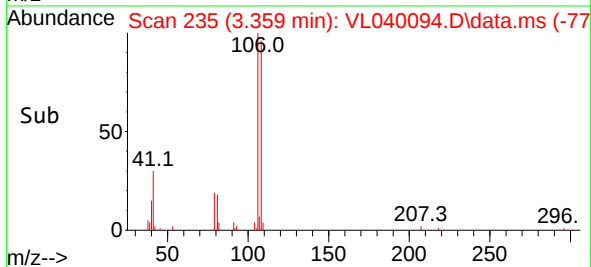
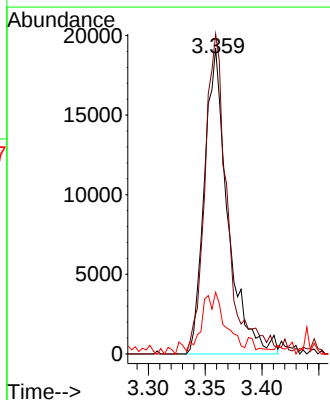
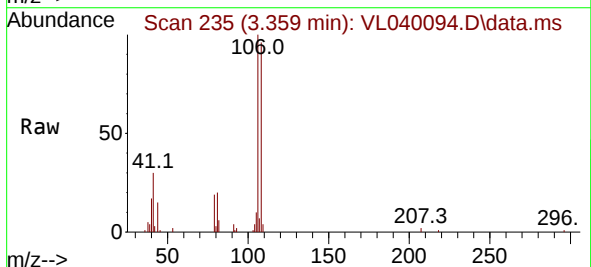
Manual Integrations
 APPROVED

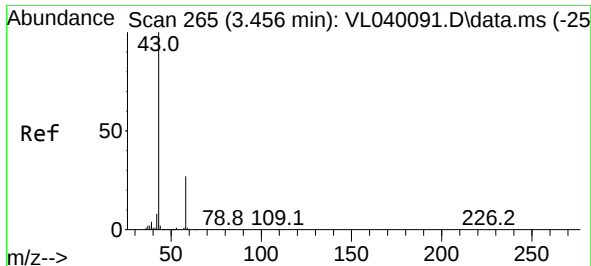
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#14
 Bromoethene
 Concen: 0.437 ppbv m
 RT: 3.359 min Scan# 235
 Delta R.T. 0.006 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

Tgt Ion:108 Resp: 27521
 Ion Ratio Lower Upper
 108 100
 106 102.5 87.0 130.6
 79 23.8 16.1 24.1





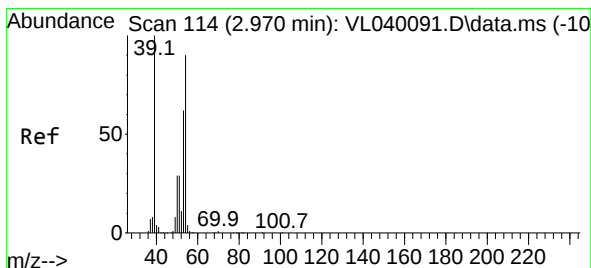
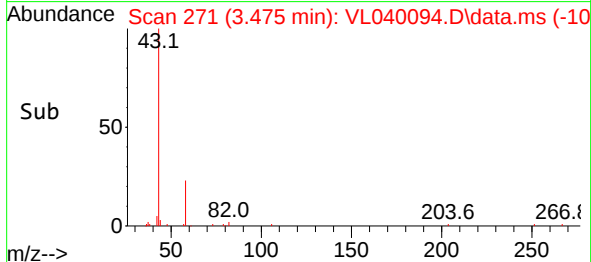
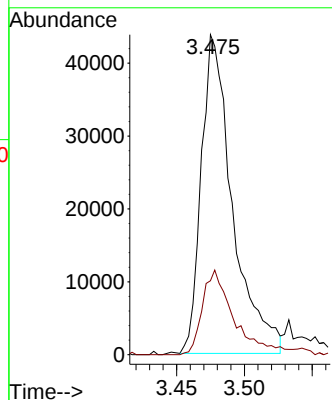
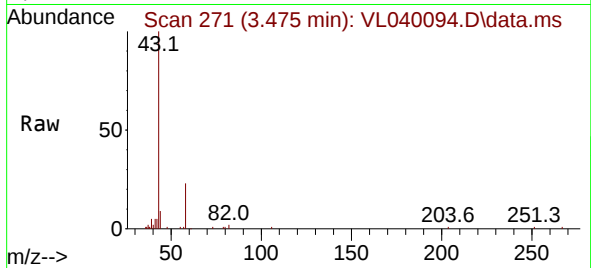
#15
Acetone
Concen: 0.417 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 7008
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.8

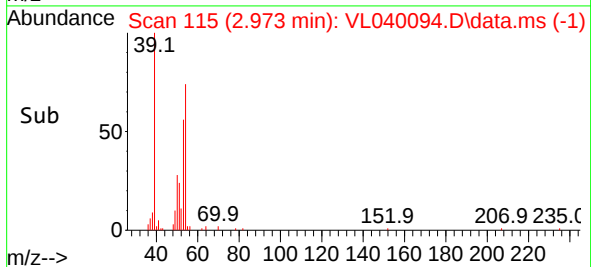
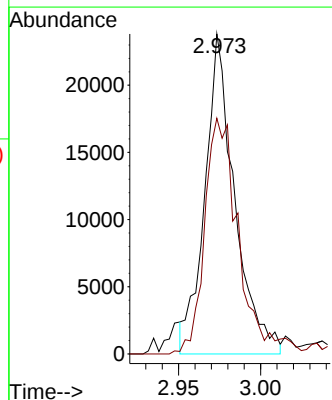
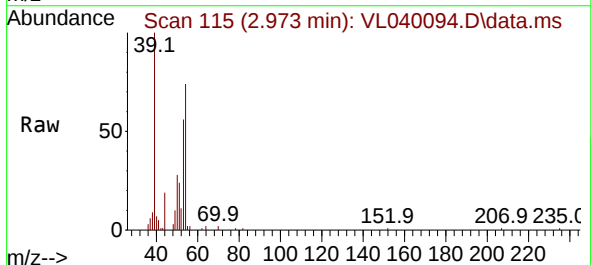
Manual Integrations
APPROVED

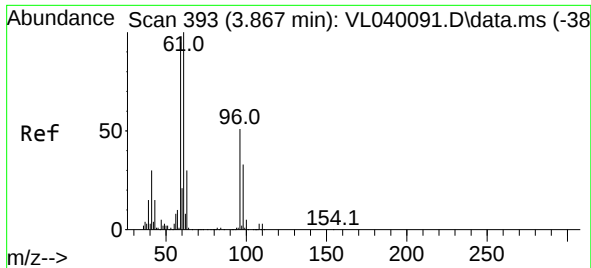
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#16
1,3-Butadiene
Concen: 0.412 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 39 Resp: 30092
Ion Ratio Lower Upper
39 100
54 86.8 67.9 101.9





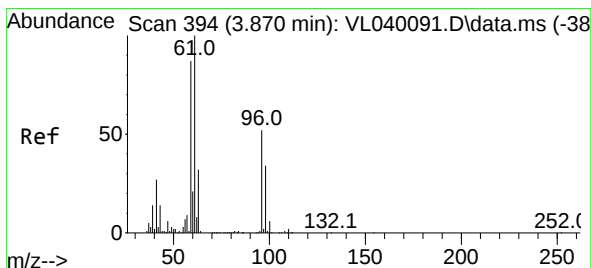
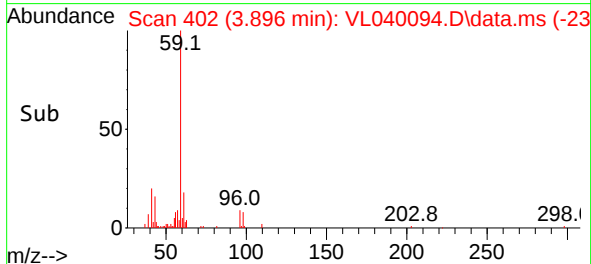
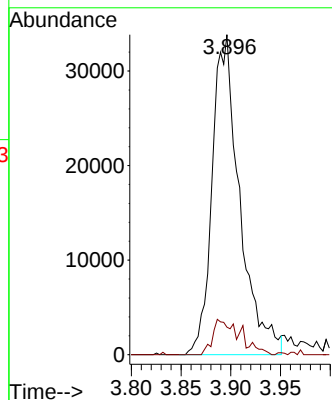
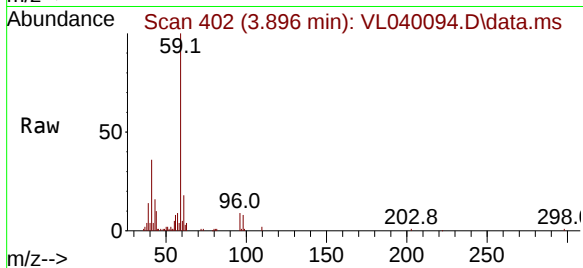
#17
tert-Butyl alcohol
Concen: 0.393 ppbv m
RT: 3.896 min Scan# 402
Delta R.T. 0.029 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 6503
Ion Ratio Lower Upper
59 100
57 11.3 8.5 12.7

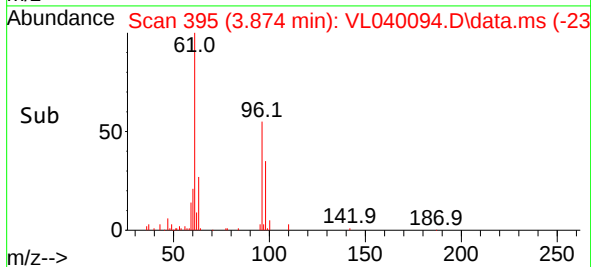
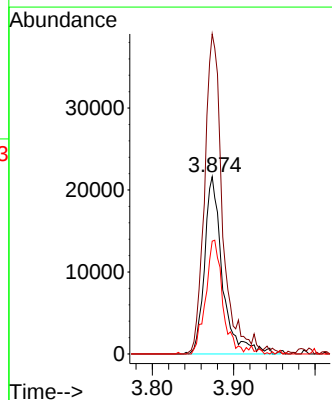
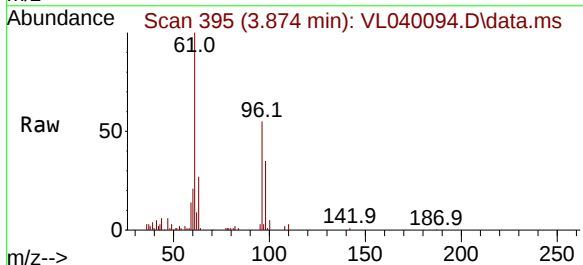
Manual Integrations
APPROVED

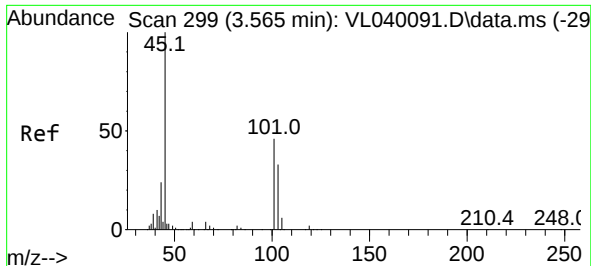
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#18
1,1-Dichloroethene
Concen: 0.454 ppbv m
RT: 3.874 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 96 Resp: 33079
Ion Ratio Lower Upper
96 100
61 180.5 153.0 229.4
98 63.6 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.429 ppbv m

RT: 3.587 min Scan# 306

Delta R.T. 0.023 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

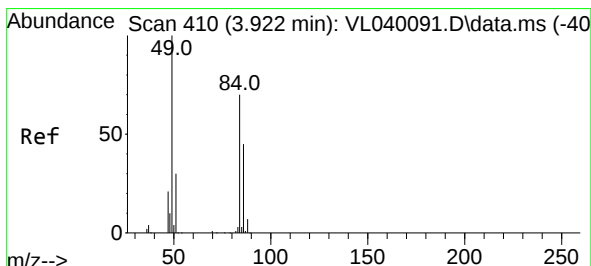
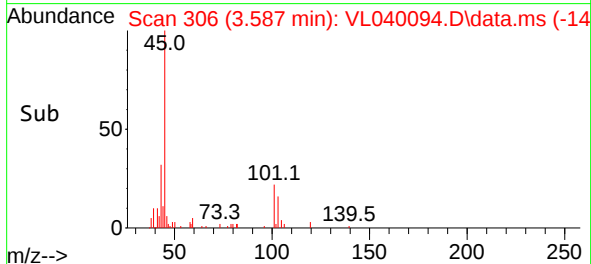
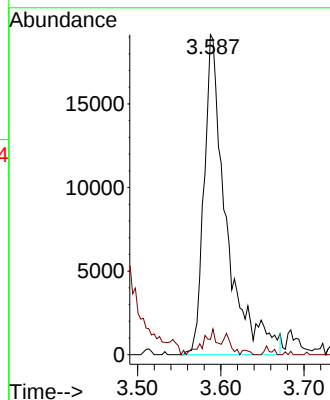
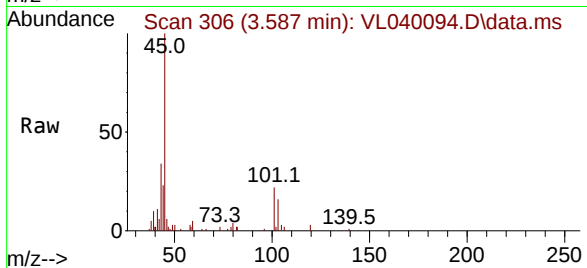
VSTDICC0.5

Tgt Ion: 45 Resp: 3549
 Ion Ratio Lower Upper
 45 100
 58 7.4 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#20

Methylene Chloride

Concen: 0.468 ppbv m

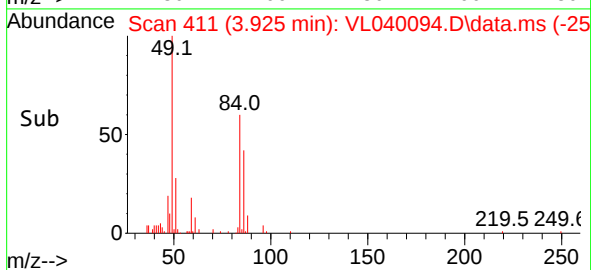
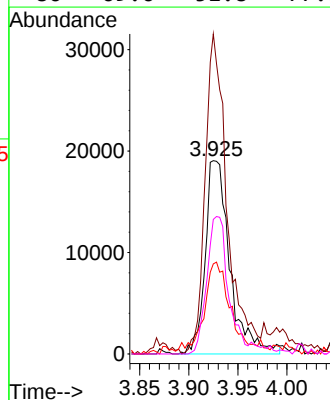
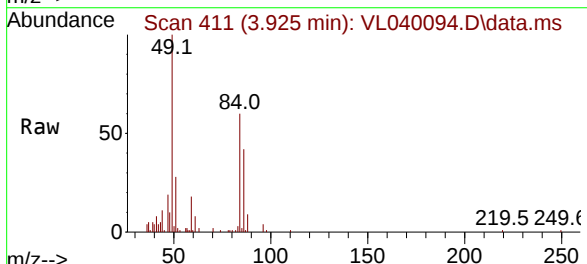
RT: 3.925 min Scan# 411

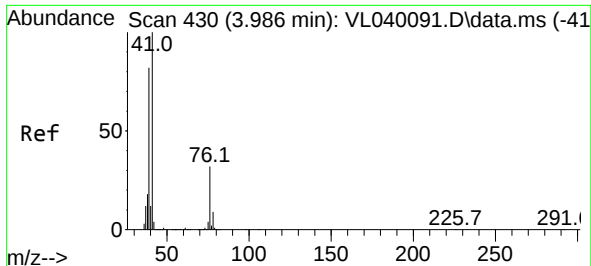
Delta R.T. 0.003 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

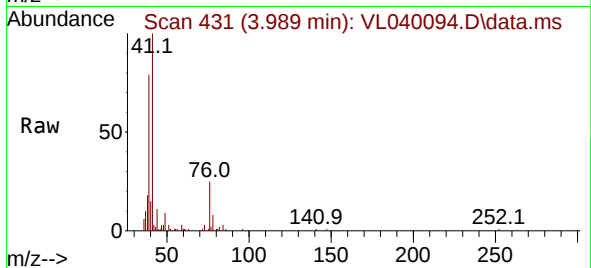
Tgt Ion: 84 Resp: 33433
 Ion Ratio Lower Upper
 84 100
 49 165.6 114.6 171.8
 51 46.6 34.3 51.5
 86 69.6 51.8 77.8





#21
 Allyl Chloride
 Concen: 0.386 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

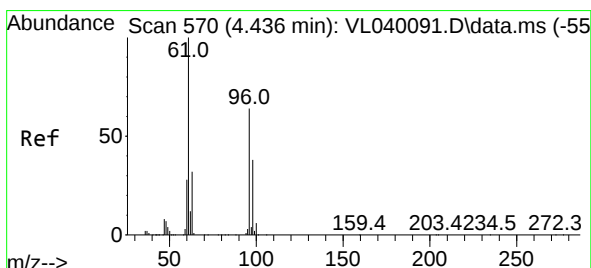
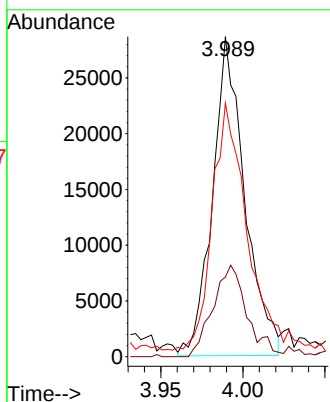
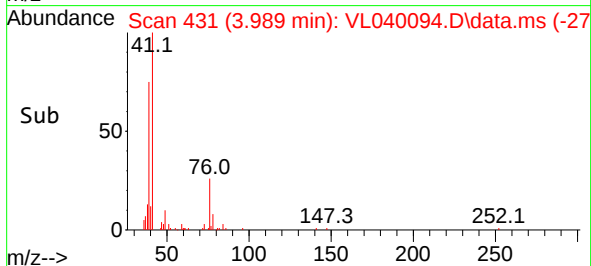
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 39004
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.9 38.9
 39 96.9 66.8 100.2

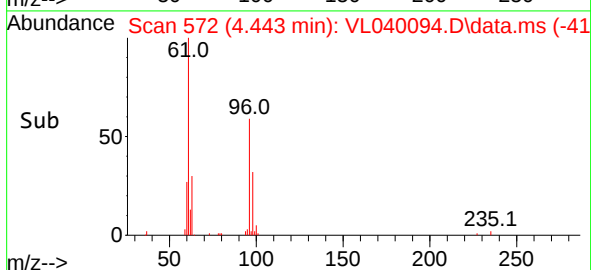
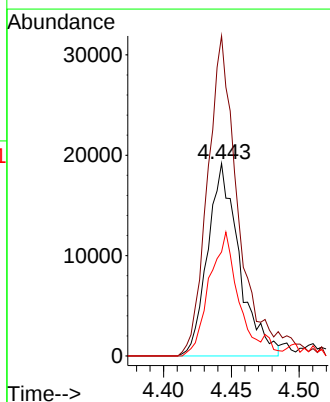
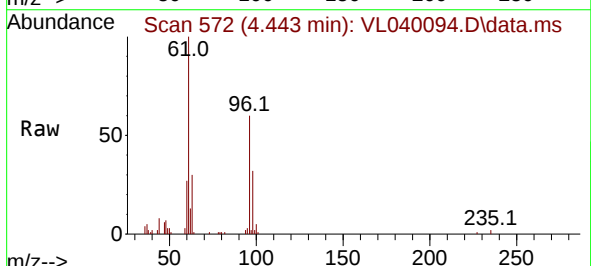
Manual Integrations
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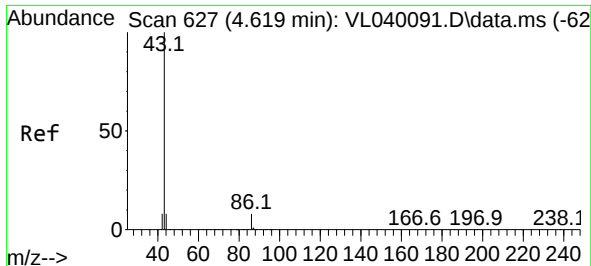
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.427 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

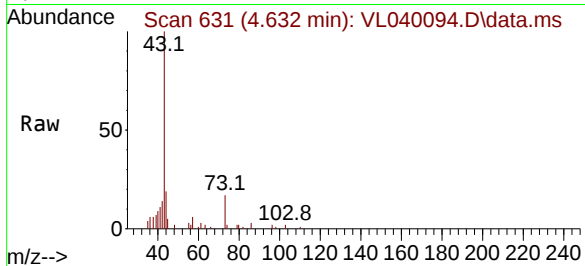
Tgt Ion: 96 Resp: 31018
 Ion Ratio Lower Upper
 96 100
 61 166.3 125.8 188.8
 98 54.0 47.4 71.2





#23
 Vinyl Acetate
 Concen: 0.392 ppbv m
 RT: 4.632 min Scan# 61
 Delta R.T. 0.013 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

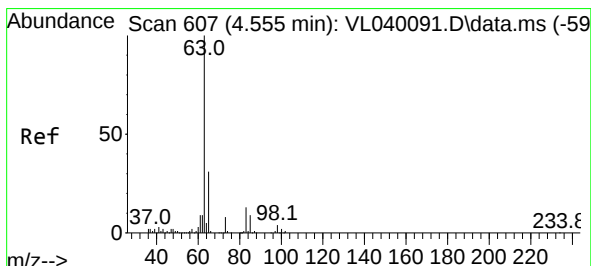
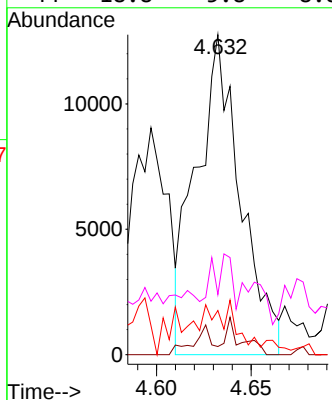
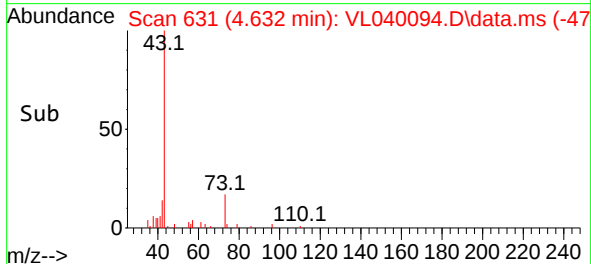
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43 Resp: 2088
 Ion Ratio Lower Upper
 43 100
 86 2.6 5.6 8.4
 42 13.8 7.7 11.5
 44 18.8 5.8 8.8

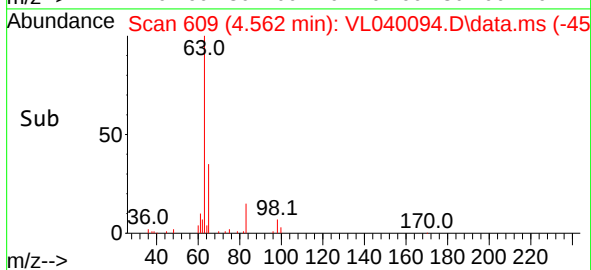
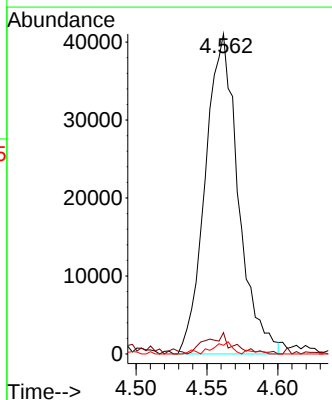
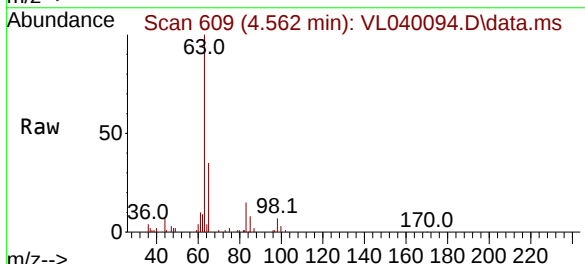
Manual Integrations
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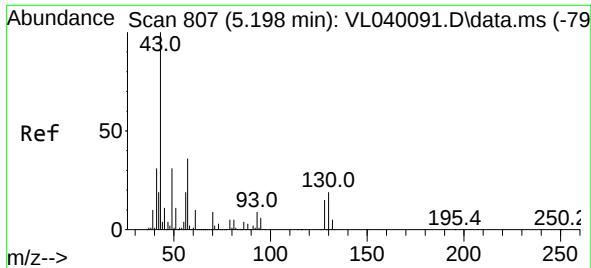
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#24
 1,1-Dichloroethane
 Concen: 0.424 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

Tgt Ion: 63 Resp: 66295
 Ion Ratio Lower Upper
 63 100
 98 6.6 2.0 5.8
 100 2.7 1.1 3.5





#25

Ethyl Acetate

Concen: 0.385 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.016 min

Lab File: VL040094.D

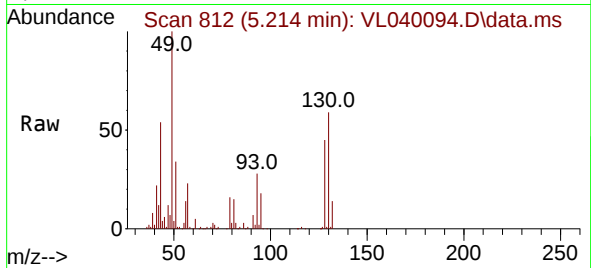
Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion: 43 Resp: 112120

Ion Ratio Lower Upper

43 100

45 12.4 8.5 12.7

61 11.6 8.4 12.6

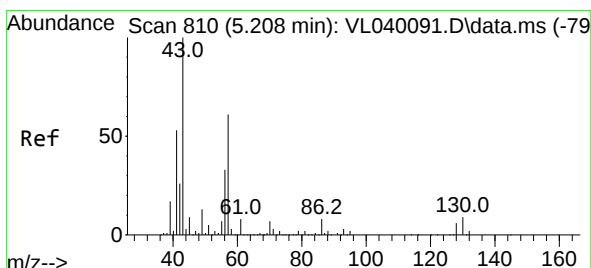
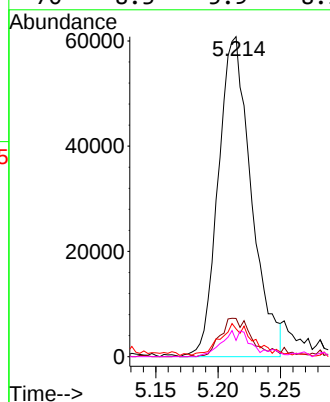
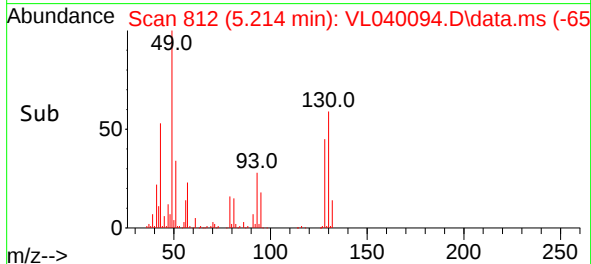
70 8.3 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#26

Hexane

Concen: 0.432 ppbv m

RT: 5.211 min Scan# 811

Delta R.T. 0.003 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Tgt Ion: 57 Resp: 52807

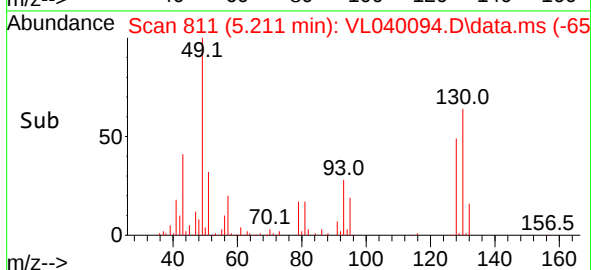
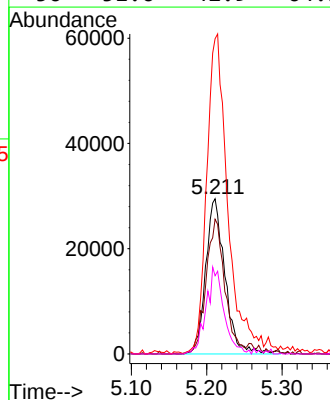
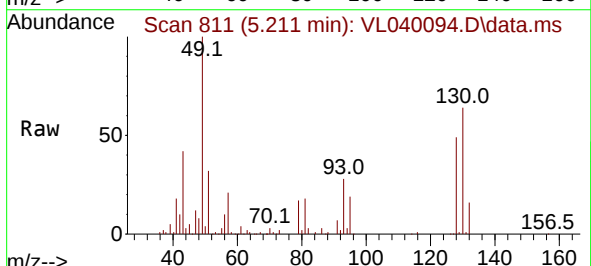
Ion Ratio Lower Upper

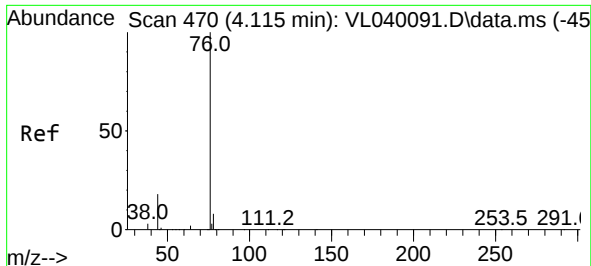
57 100

41 89.8 72.2 108.4

43 233.9 192.1 288.1

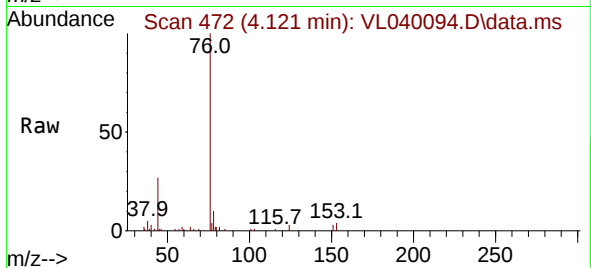
56 51.6 42.9 64.3





#27
Carbon Disulfide
Concen: 0.349 ppbv m
RT: 4.121 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

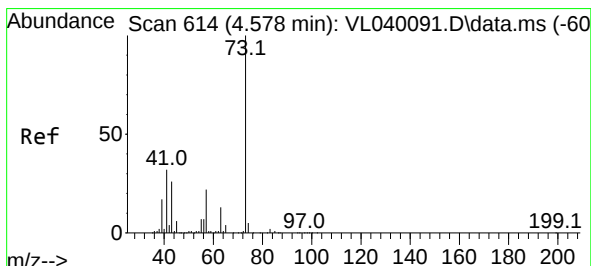
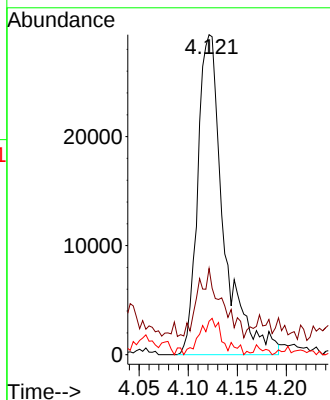
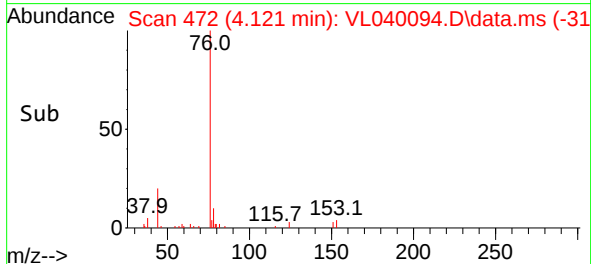
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 5391
Ion Ratio Lower Upper
76 100
44 20.0 14.9 22.3
78 10.0 8.2 12.2

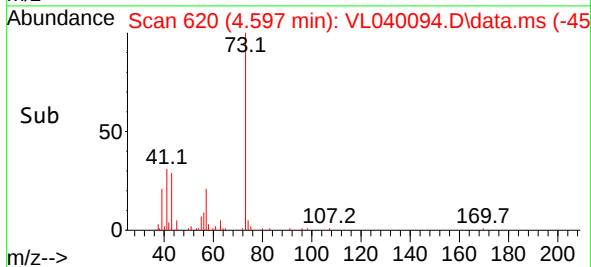
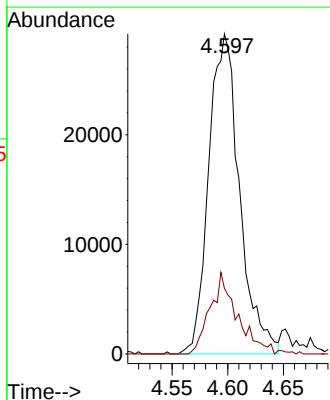
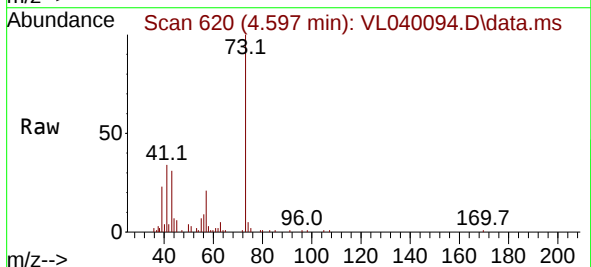
Manual Integrations
APPROVED

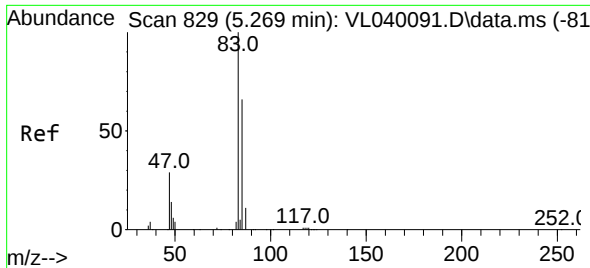
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Methyl tert-Butyl Ether
Concen: 0.389 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.019 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

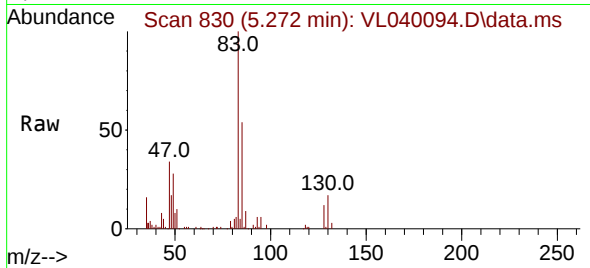
Tgt Ion: 73 Resp: 56142
Ion Ratio Lower Upper
73 100
57 22.8 18.3 27.5





#29
Chloroform
Concen: 0.442 ppbv m
RT: 5.272 min Scan# 829
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

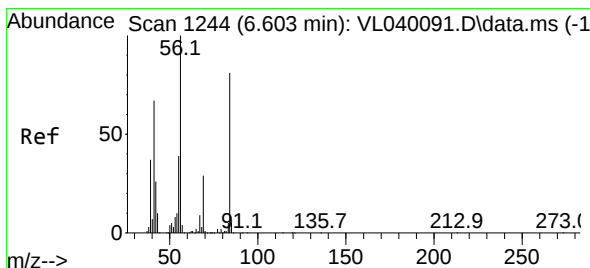
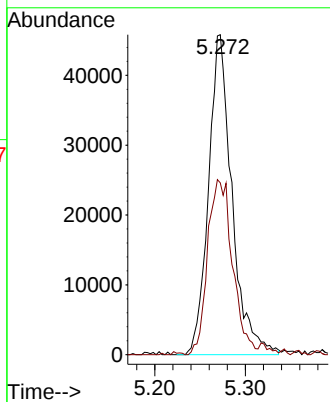
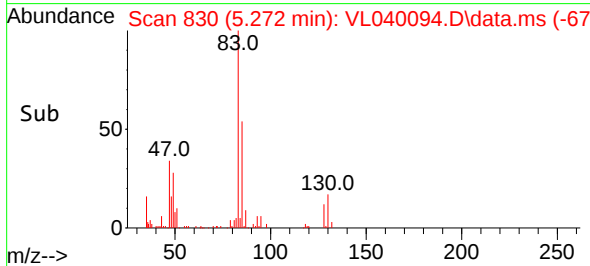
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 83 Resp: 8256
Ion Ratio Lower Upper
83 100
85 53.7 53.1 79.7

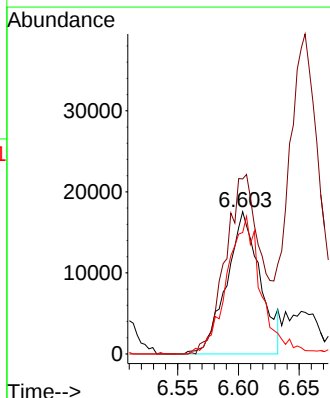
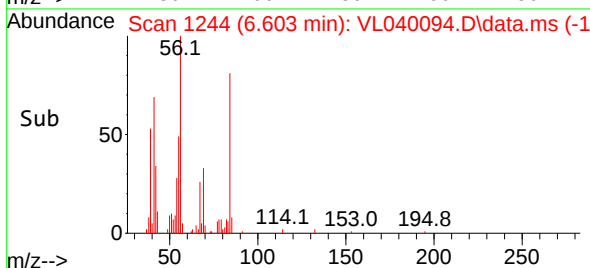
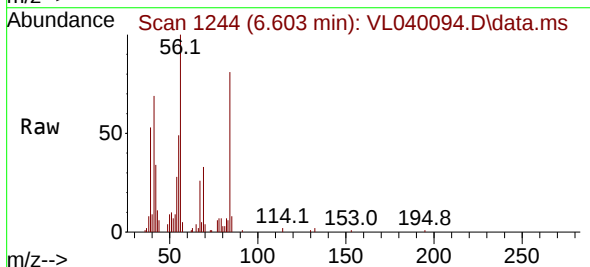
Manual Integrations
APPROVED

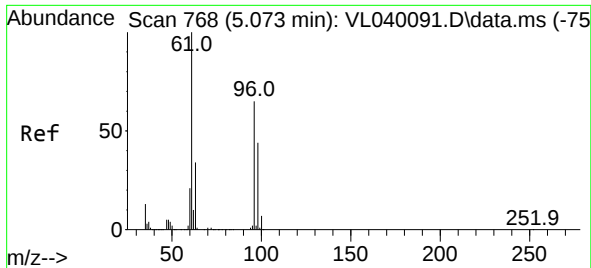
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#30
Cyclohexane
Concen: 0.309 ppbv m
RT: 6.603 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 84 Resp: 33486
Ion Ratio Lower Upper
84 100
56 133.8 111.5 167.3
41 100.9 71.4 107.0





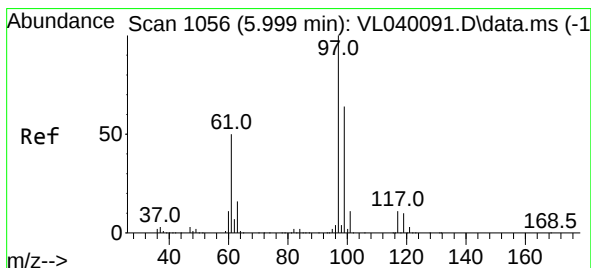
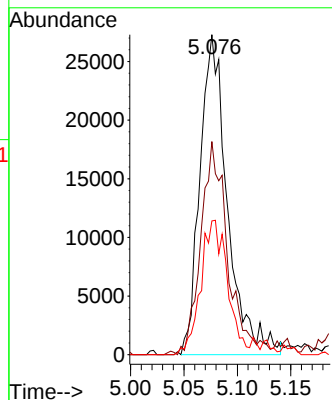
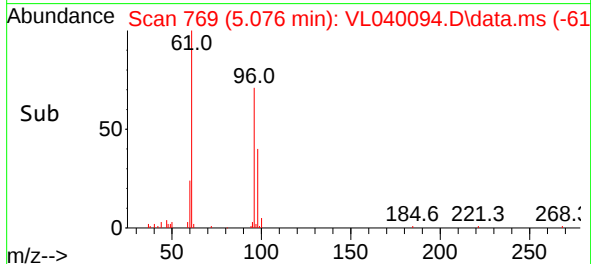
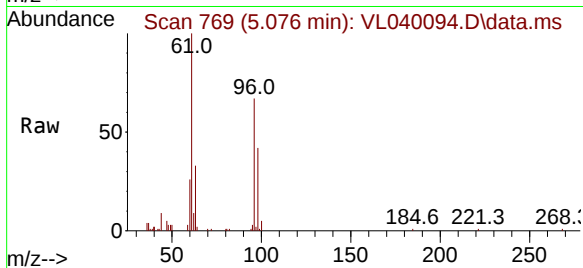
#31
 cis-1,2-Dichloroethene
 Concen: 0.420 ppbv m
 RT: 5.076 min Scan# 768
 Delta R.T. 0.003 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 48928
 Ion Ratio Lower Upper
 61 100
 96 66.6 52.0 78.0
 98 41.8 35.3 52.9

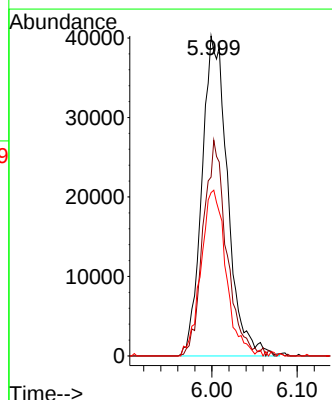
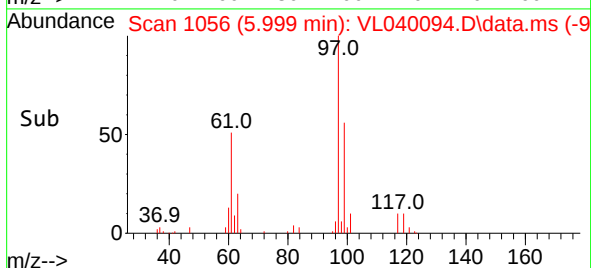
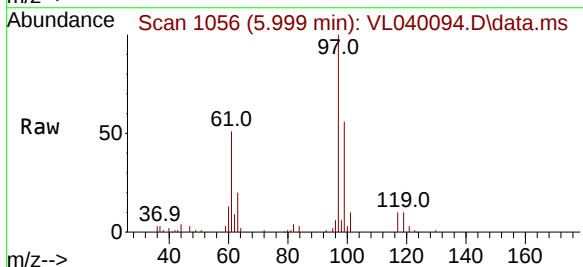
Manual Integrations
 APPROVED

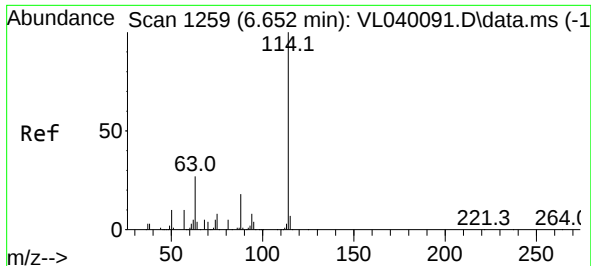
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.423 ppbv m
 RT: 5.999 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

Tgt Ion: 97 Resp: 84498
 Ion Ratio Lower Upper
 97 100
 99 62.0 51.8 77.6
 61 51.0 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 293704

Ion Ratio Lower Upper

114 100

63 26.3 21.8 32.8

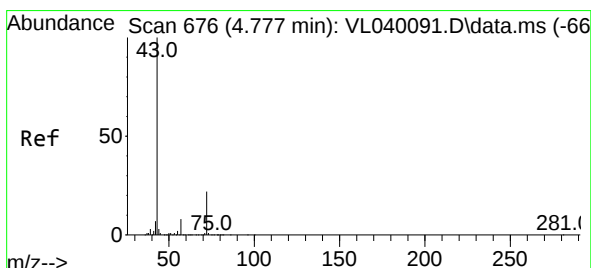
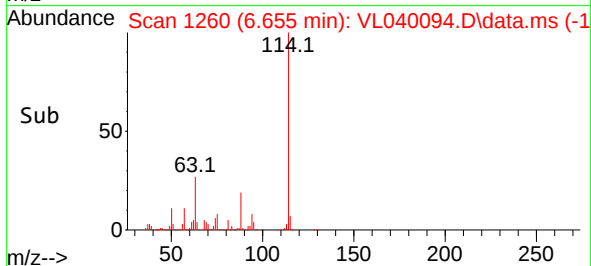
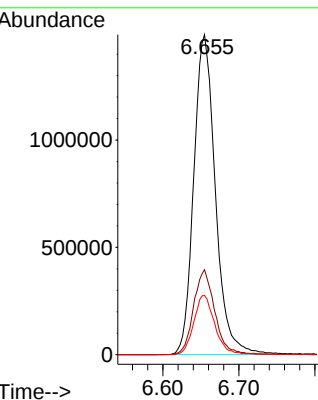
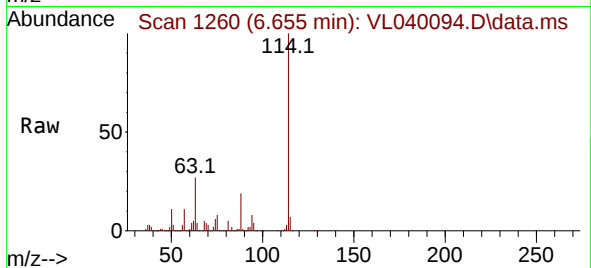
88 18.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#34

2-Butanone

Concen: 0.413 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.023 min

Lab File: VL040094.D

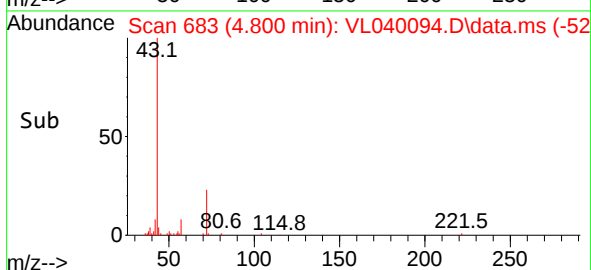
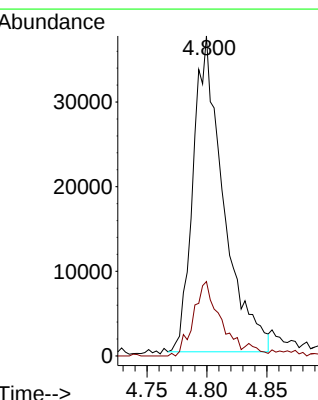
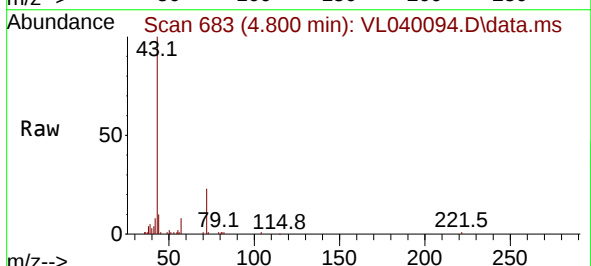
Acq: 16 Jan 2023 12:12

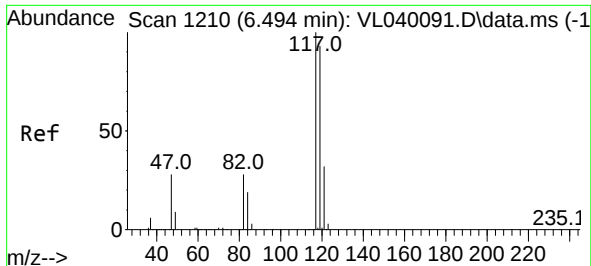
Tgt Ion: 43 Resp: 65739

Ion Ratio Lower Upper

43 100

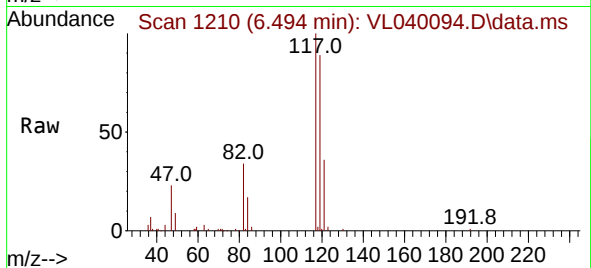
72 24.0 18.4 27.6





#35
Carbon Tetrachloride
Concen: 0.429 ppbv
RT: 6.494 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

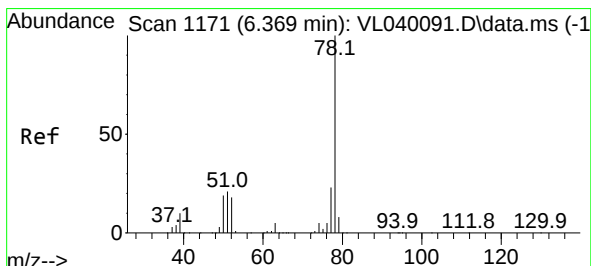
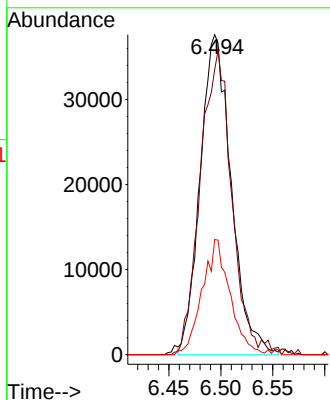
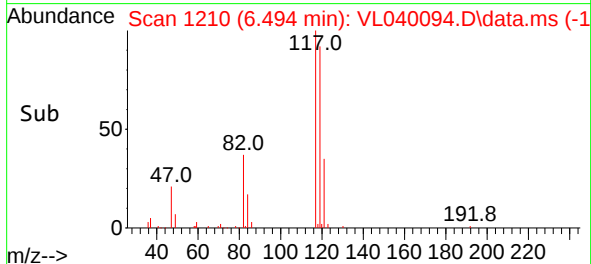
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 7818
Ion Ratio Lower Upper
117 100
119 88.9 74.5 111.7
121 34.8 25.4 38.0

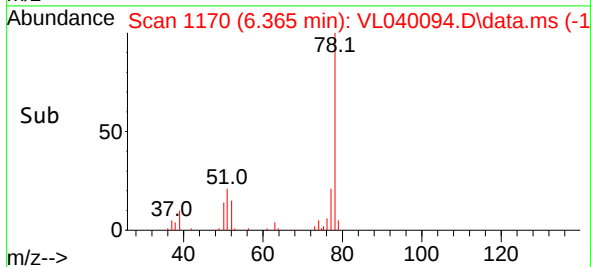
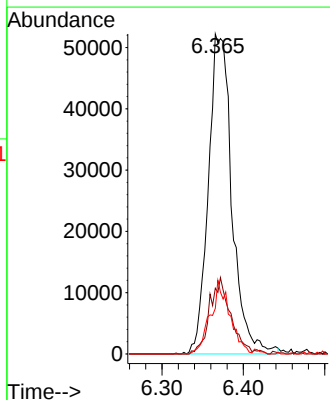
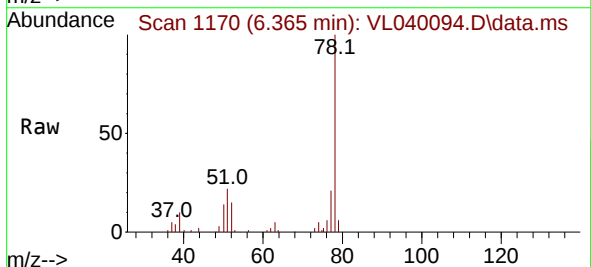
Manual Integrations
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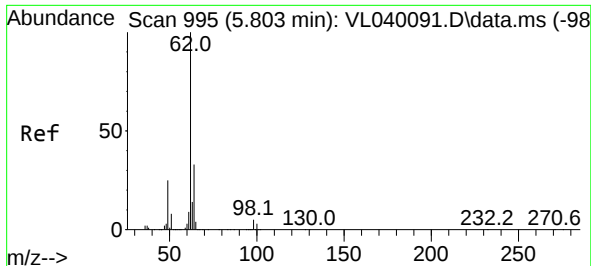
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#36
Benzene
Concen: 0.401 ppbv m
RT: 6.365 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 78 Resp: 105242
Ion Ratio Lower Upper
78 100
77 20.6 18.1 27.1
50 14.3 15.6 23.4#





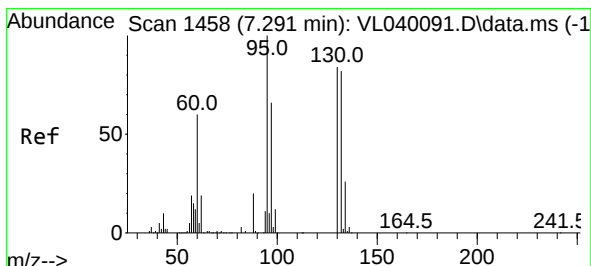
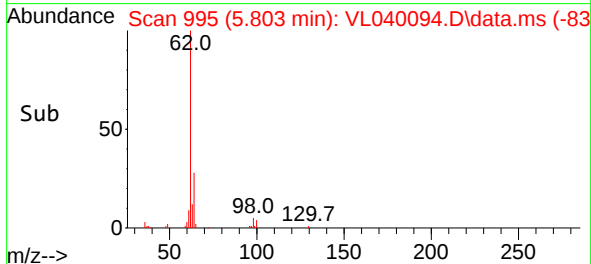
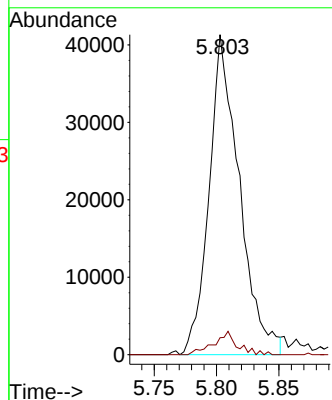
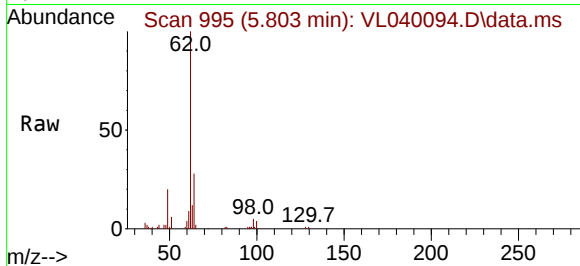
#37
1,2-Dichloroethane
Concen: 0.453 ppbv
RT: 5.803 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 6972
Ion Ratio Lower Upper
62 100
98 5.7 4.4 6.6

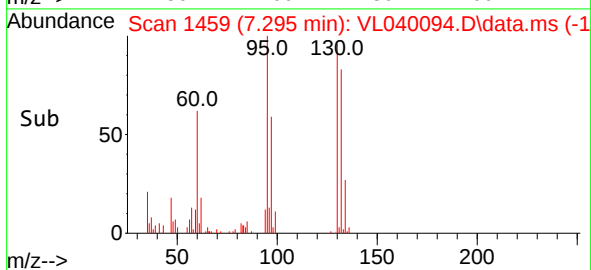
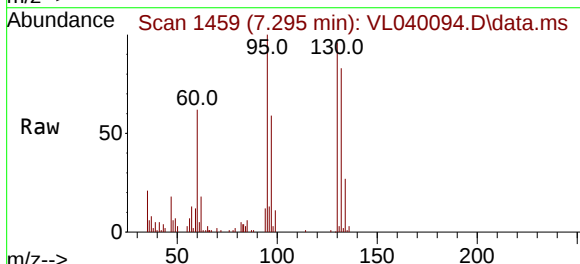
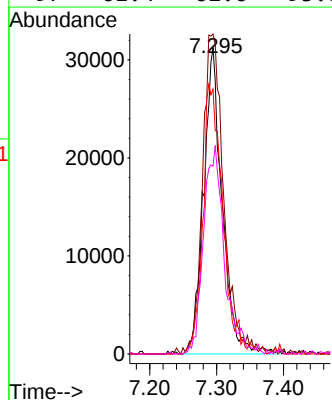
Manual Integrations
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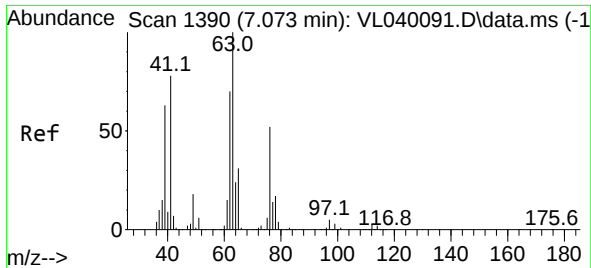
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#38
Trichloroethene
Concen: 0.450 ppbv m
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion:130 Resp: 60607
Ion Ratio Lower Upper
130 100
95 104.6 95.0 142.6
132 86.6 77.9 116.9
97 61.4 62.6 93.8#





#39

1,2-Dichloropropane

Concen: 0.422 ppbv

RT: 7.079 min Scan# 1469

Delta R.T. 0.006 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 63 Resp: 4151

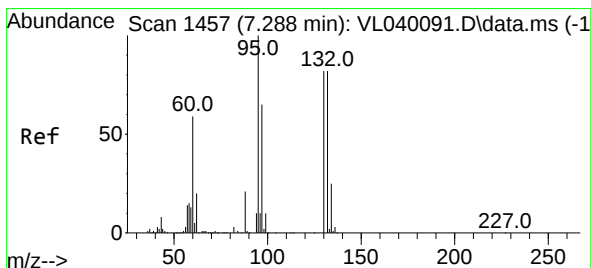
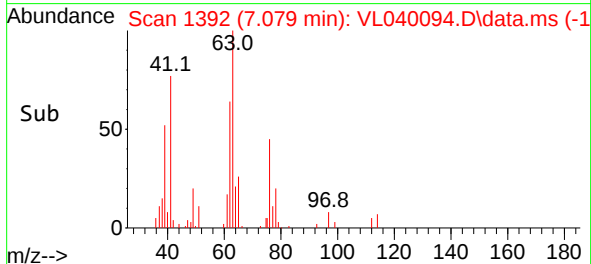
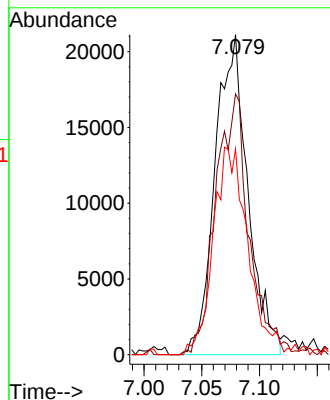
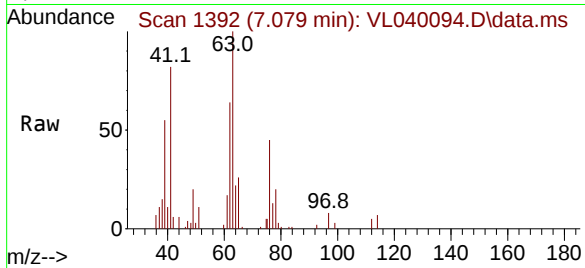
Ion	Ratio	Lower	Upper
63	100		
41	81.5	62.2	93.4
62	64.3	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#40

1,4-Dioxane

Concen: 0.389 ppbv m

RT: 7.327 min Scan# 1469

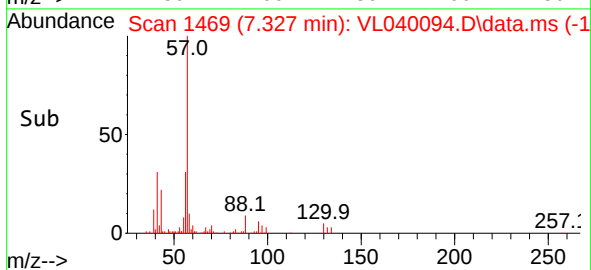
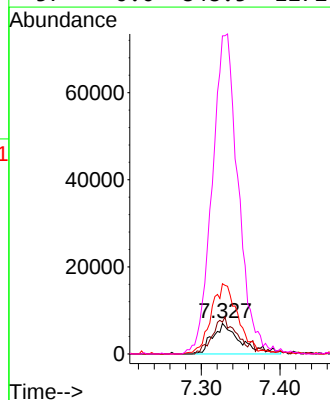
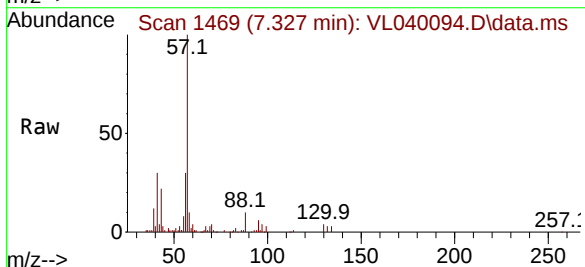
Delta R.T. 0.039 min

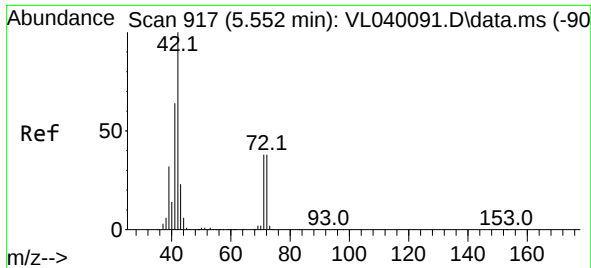
Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Tgt Ion: 88 Resp: 17246

Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.5	146.3#
43	0.0	195.0	292.4#
57	0.0	848.5	1272.7#





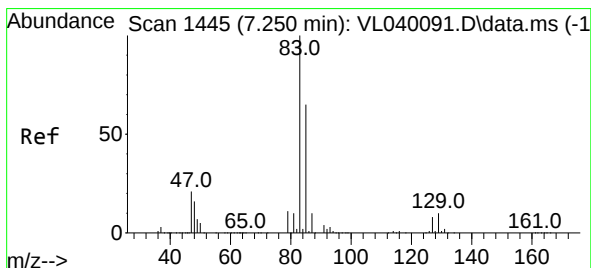
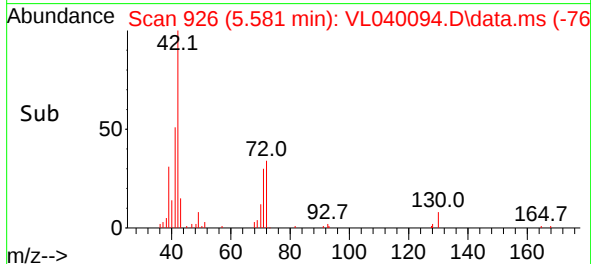
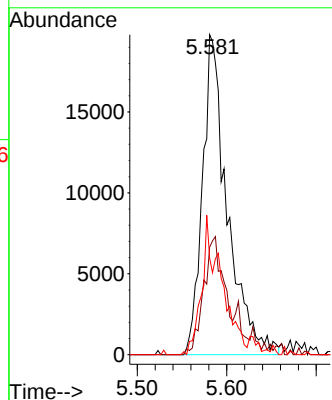
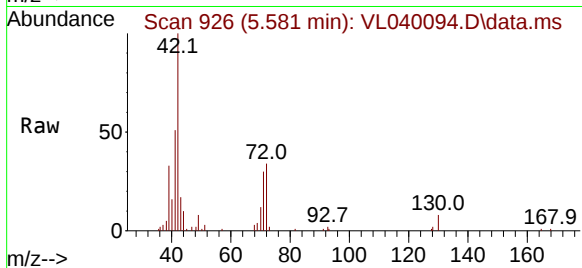
#41
Tetrahydrofuran
Concen: 0.383 ppbv m
RT: 5.581 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 42 Resp: 3804
Ion Ratio Lower Upper
42 100
72 38.6 31.9 47.9
71 38.1 31.4 47.2

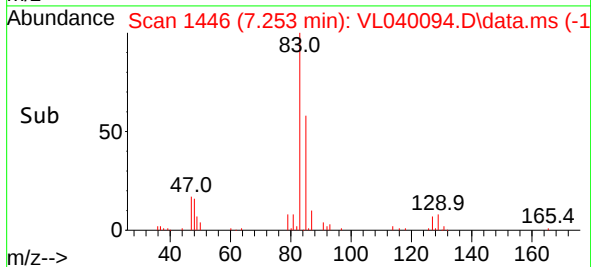
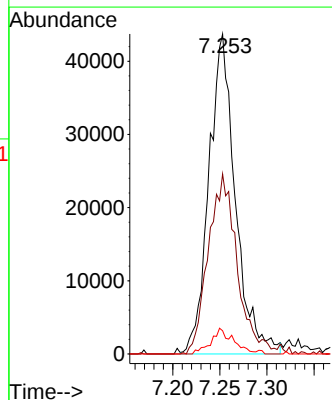
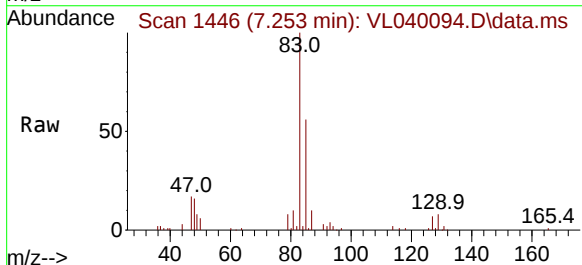
Manual Integrations
APPROVED

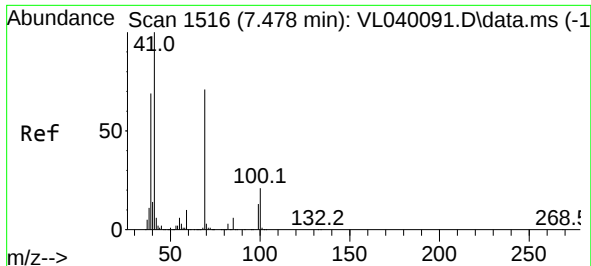
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#42
Bromodichloromethane
Concen: 0.405 ppbv m
RT: 7.253 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 83 Resp: 85366
Ion Ratio Lower Upper
83 100
85 56.3 51.7 77.5
127 7.3 6.2 9.2





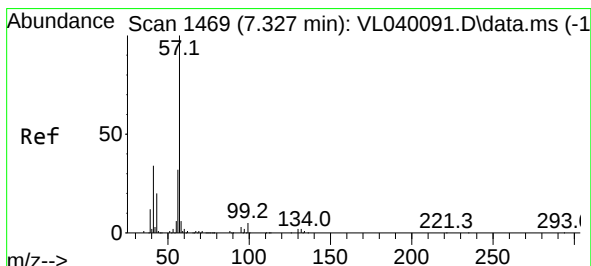
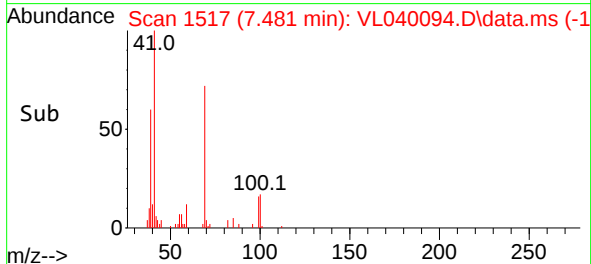
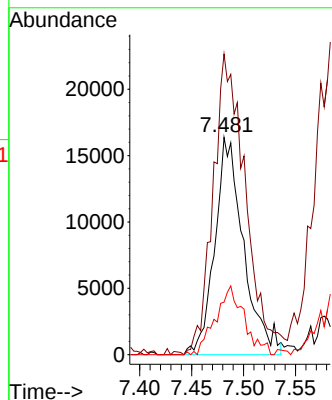
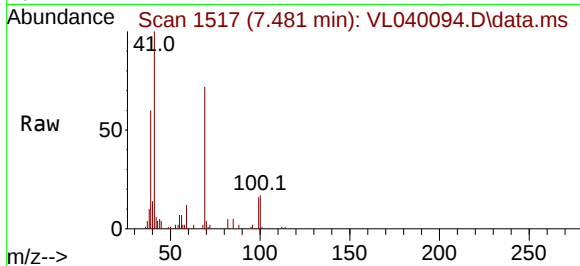
#43
Methyl Methacrylate
Concen: 0.321 ppbv m
RT: 7.481 min Scan# 1471
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 3155
Ion Ratio Lower Upper
69 100
41 156.5 118.2 177.2
100 32.3 24.2 36.4

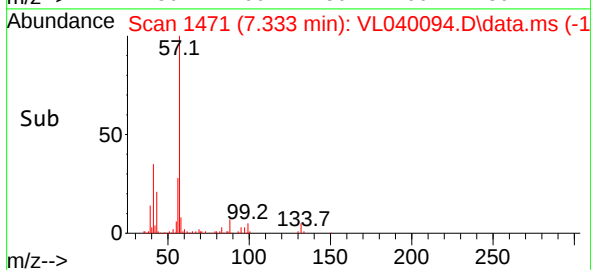
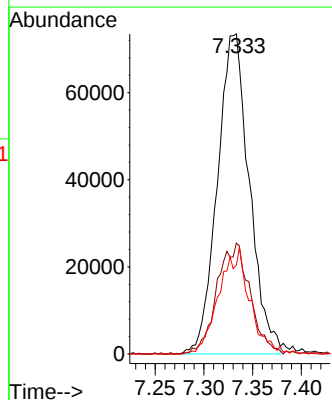
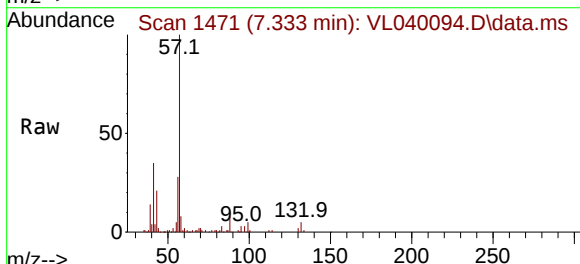
Manual Integrations
APPROVED

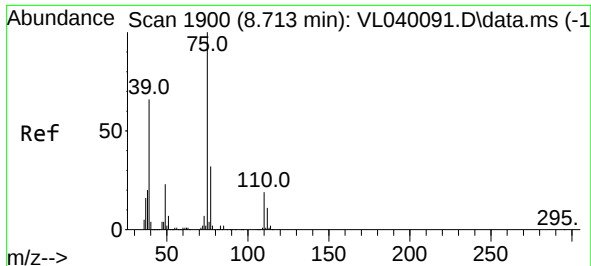
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#44
2,2,4-Trimethylpentane
Concen: 0.388 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 57 Resp: 167627
Ion Ratio Lower Upper
57 100
41 36.2 27.1 40.7
56 32.1 25.0 37.4





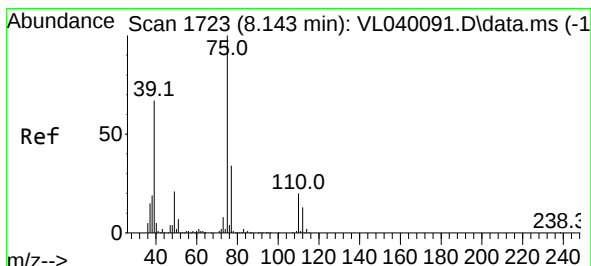
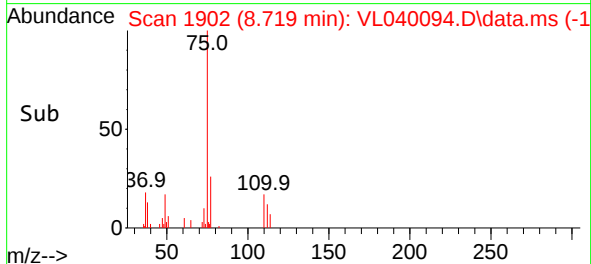
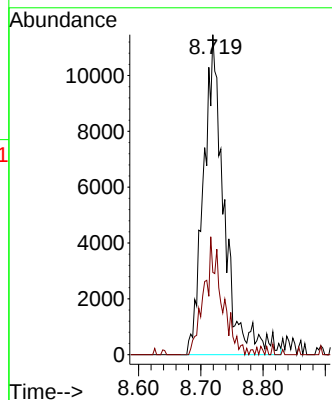
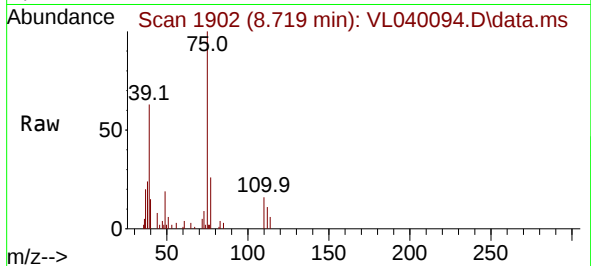
#45
t-1,3-Dichloropropene
Concen: 0.318 ppbv m
RT: 8.719 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 2645
Ion Ratio Lower Upper
75 100
77 25.7 25.6 38.4

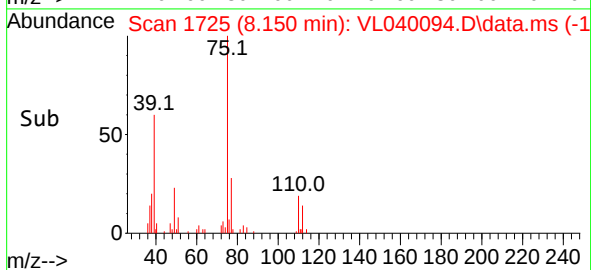
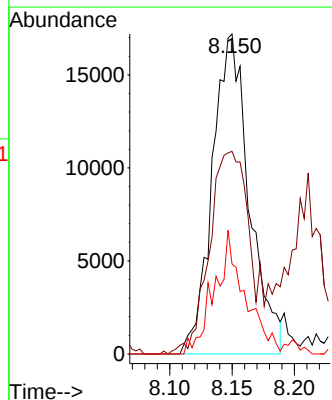
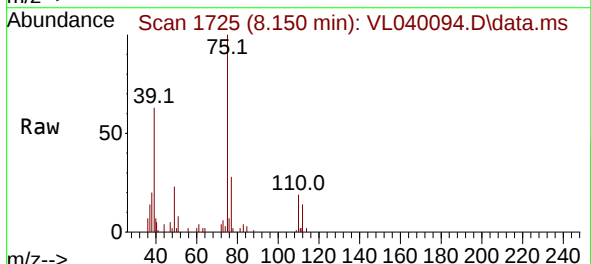
Manual Integrations
APPROVED

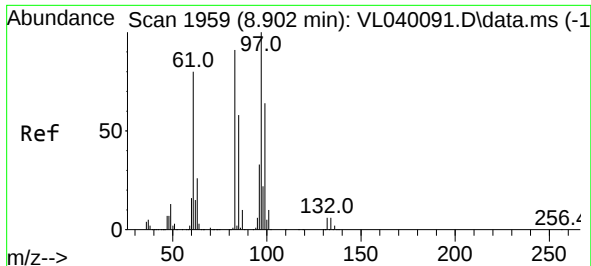
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#46
cis-1,3-Dichloropropene
Concen: 0.302 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 75 Resp: 35420
Ion Ratio Lower Upper
75 100
39 60.6 53.6 80.4
77 28.1 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 0.384 ppbv m

RT: 8.899 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

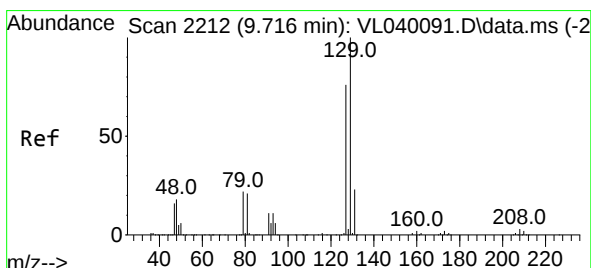
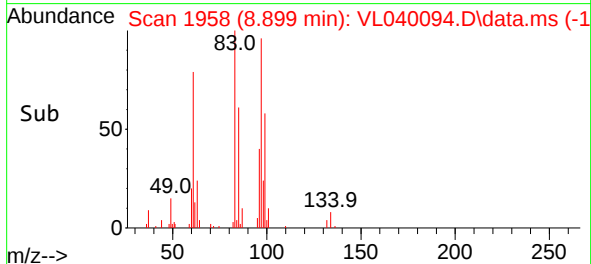
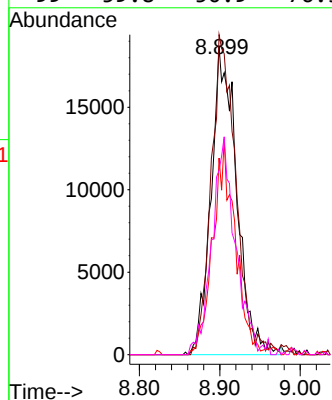
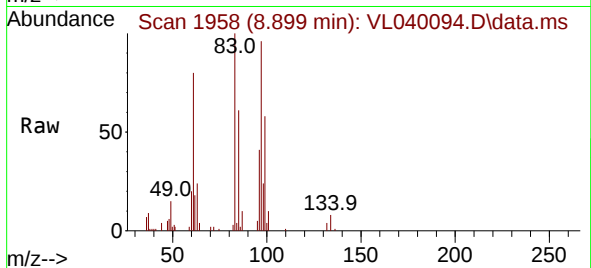
VSTDICC0.5

Tgt Ion:	97	Resp:	4134
Ion	Ratio	Lower	Upper
97	100		
83	103.9	72.9	109.3
85	63.8	46.0	69.0
99	59.8	50.9	76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#48

Dibromochloromethane

Concen: 0.349 ppbv m

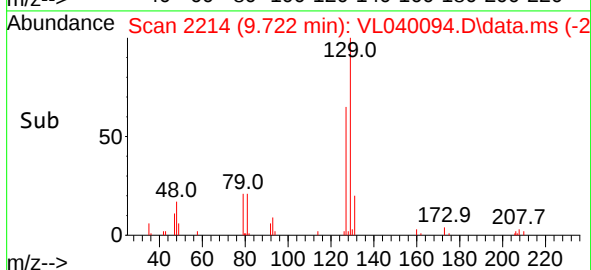
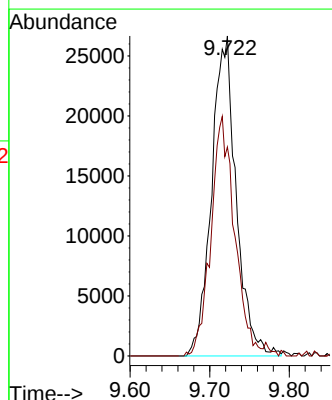
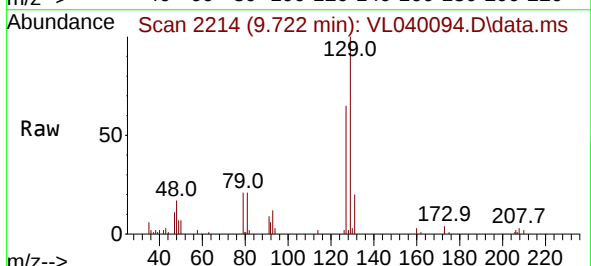
RT: 9.722 min Scan# 2214

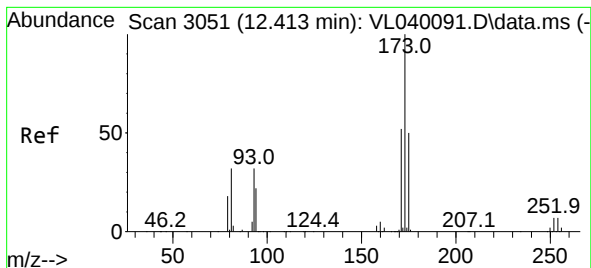
Delta R.T. 0.006 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Tgt Ion:	129	Resp:	57181
Ion	Ratio	Lower	Upper
129	100		
127	73.5	39.3	117.9





#49

Bromoform

Concen: 0.328 ppbv m

RT: 12.417 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

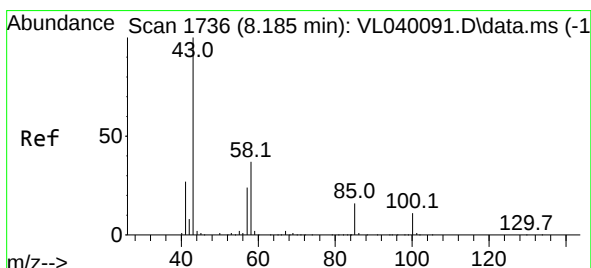
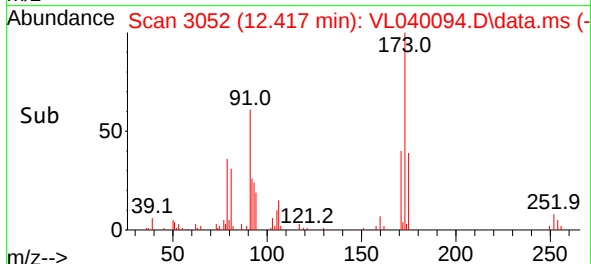
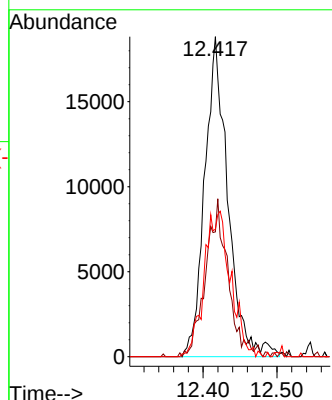
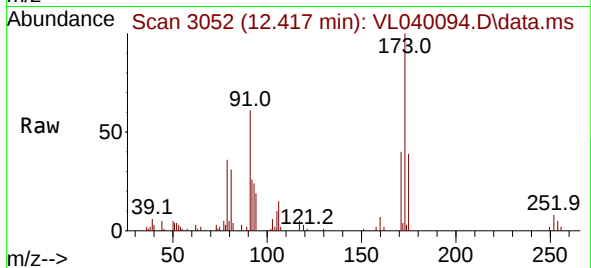
VSTDICC0.5

Tgt Ion:	173	Resp:	40999
Ion Ratio	Lower	Upper	
173	100		
175	48.6	39.7	59.5
171	52.2	42.2	63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#50

4-Methyl-2-Pentanone

Concen: 0.371 ppbv m

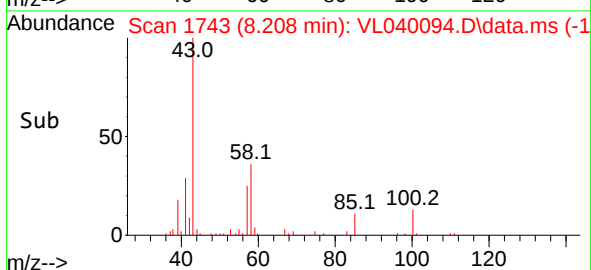
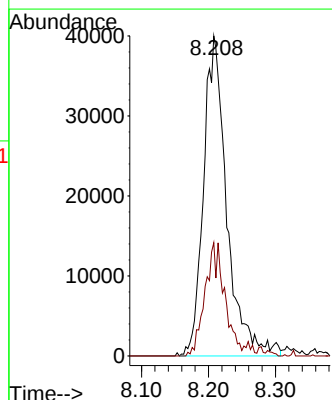
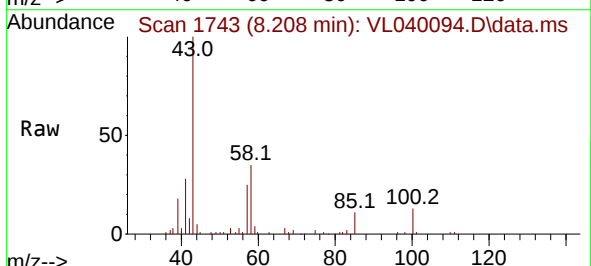
RT: 8.208 min Scan# 1743

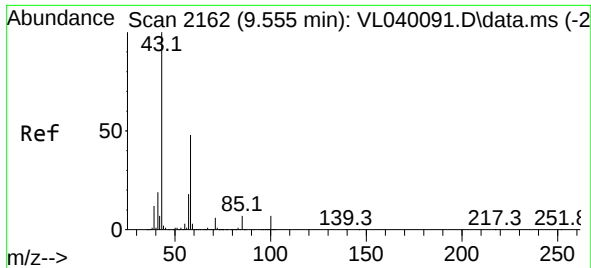
Delta R.T. 0.023 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

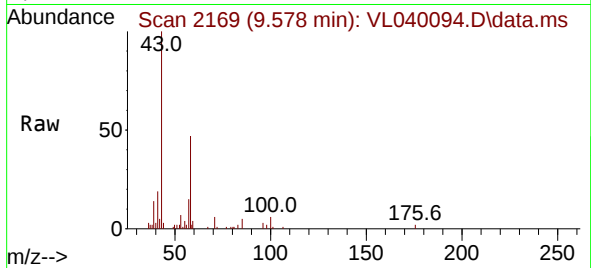
Tgt Ion:	43	Resp:	96653
Ion Ratio	Lower	Upper	
43	100		
58	0.0	28.8	43.2#





#51
2-Hexanone
Concen: 0.328 ppbv m
RT: 9.578 min Scan# 2162
Delta R.T. 0.023 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

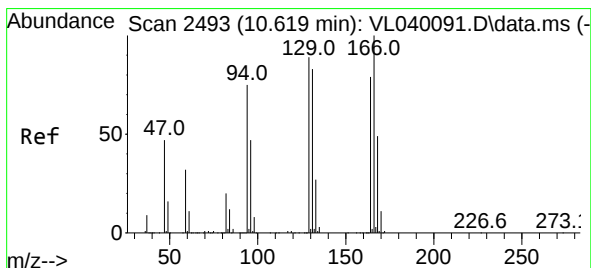
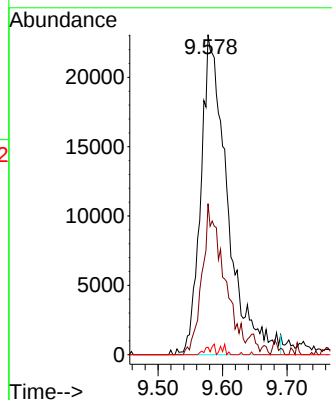
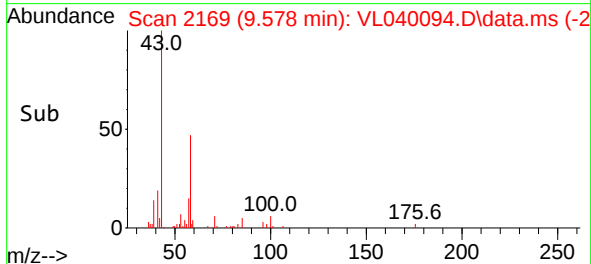
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 6637
Ion Ratio Lower Upper
43 100
58 42.4 37.5 56.3
98 0.9 0.4 0.6

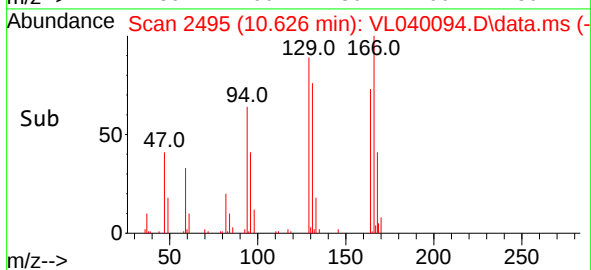
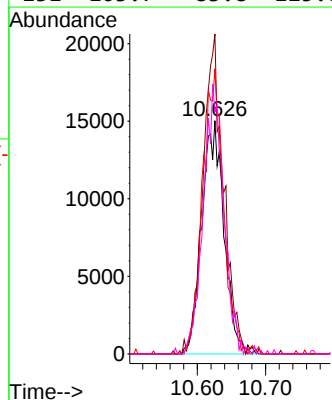
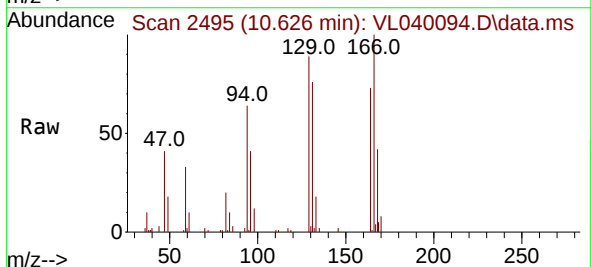
Manual Integrations
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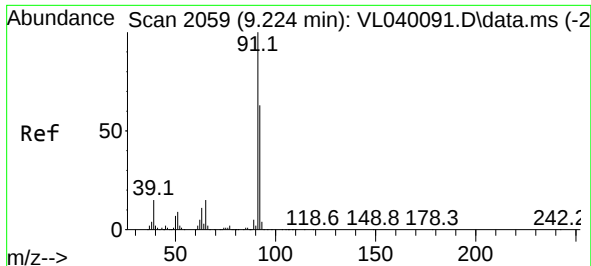
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#52
Tetrachloroethene
Concen: 0.383 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. 0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

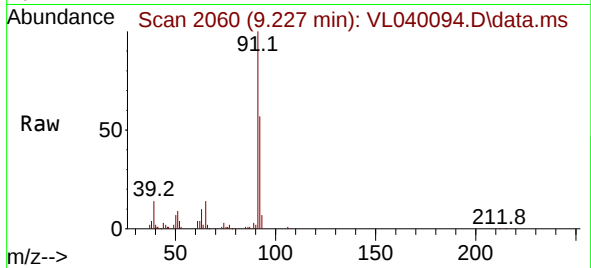
Tgt Ion:164 Resp: 34183
Ion Ratio Lower Upper
164 100
166 137.1 101.2 151.8
129 122.2 90.2 135.2
131 103.7 83.8 125.8





#53
Toluene
Concen: 0.334 ppbv m
RT: 9.227 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

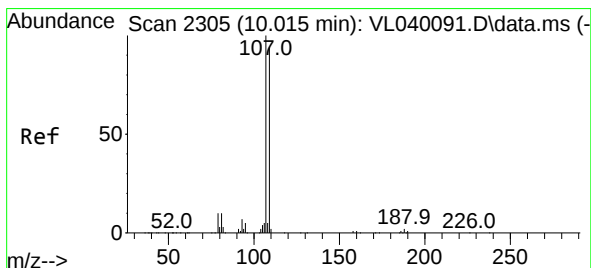
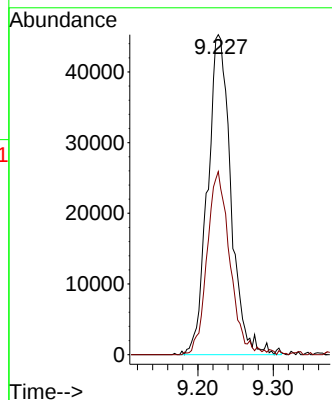
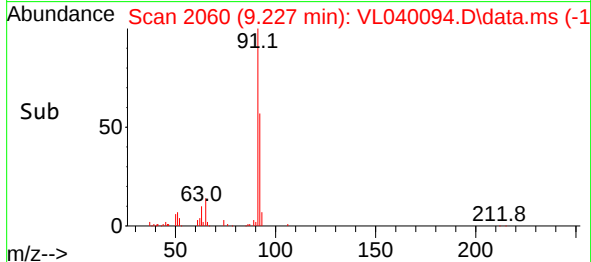
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



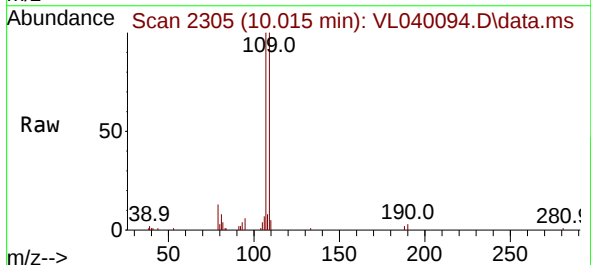
Tgt Ion: 91 Resp: 97090
Ion Ratio Lower Upper
91 100
92 57.0 48.3 72.5

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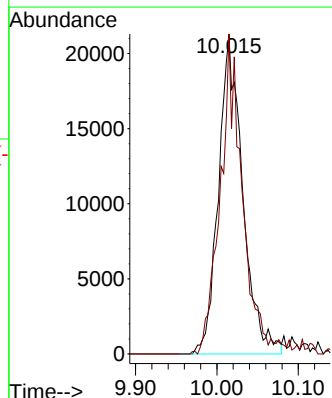
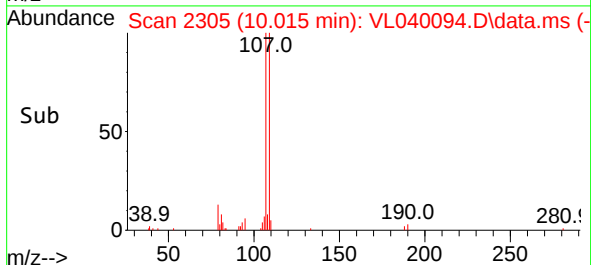
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

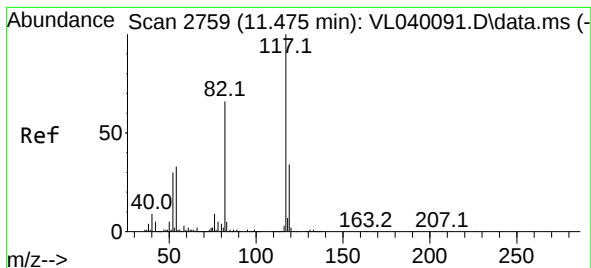


#54
1,2-Dibromoethane
Concen: 0.379 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12



Tgt Ion:107 Resp: 43900
Ion Ratio Lower Upper
107 100
109 100.3 75.0 112.4





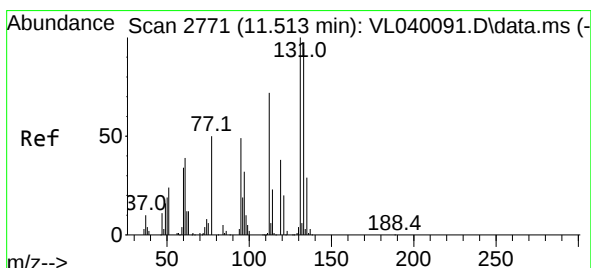
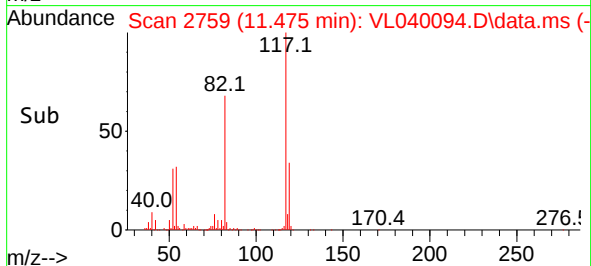
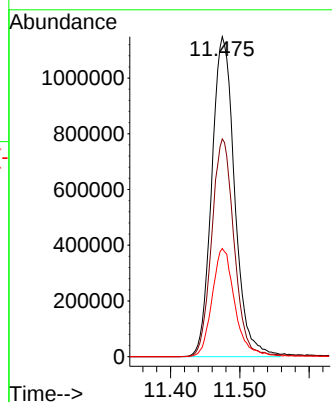
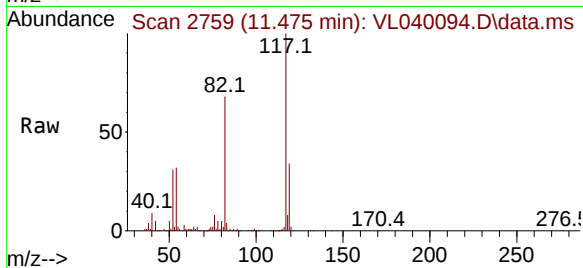
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.475 min Scan# 2759
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 264422
Ion Ratio Lower Upper
117 100
82 67.2 54.4 81.6
119 33.6 26.8 40.2

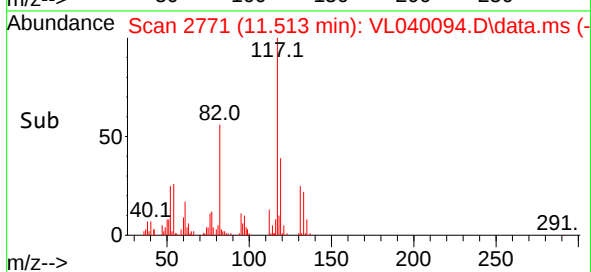
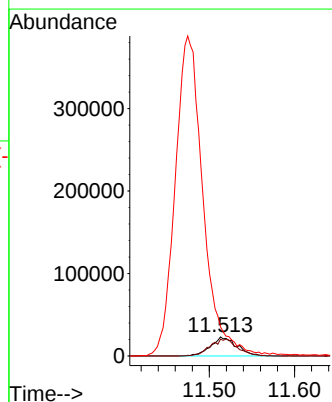
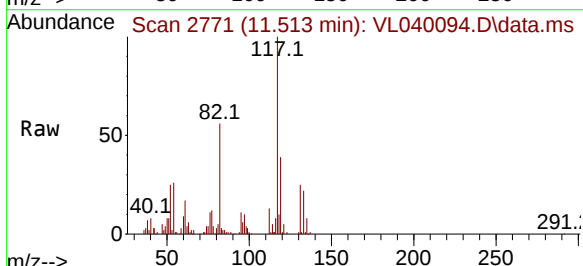
Manual Integrations
APPROVED

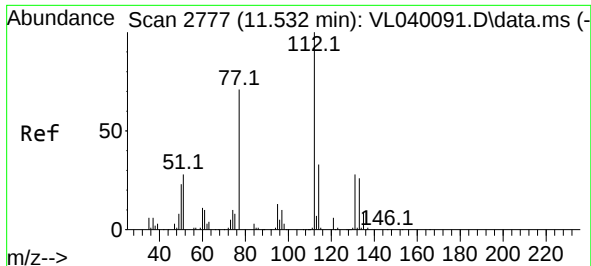
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.399 ppbv m
RT: 11.513 min Scan# 2771
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion:131 Resp: 48625
Ion Ratio Lower Upper
131 100
133 93.2 75.6 113.4
119 1828.8 47.2 70.8#





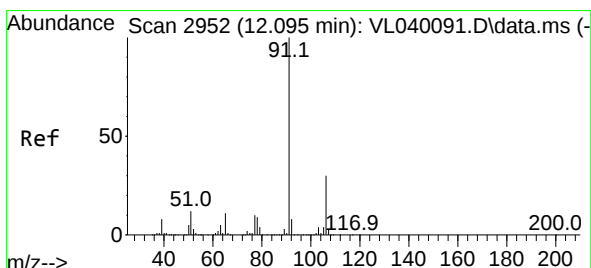
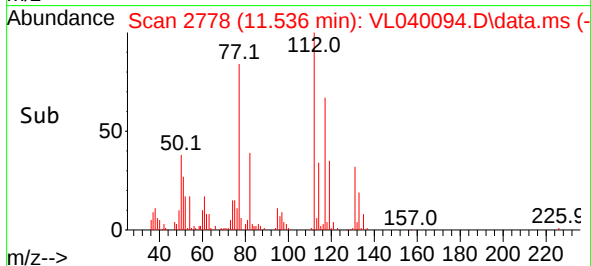
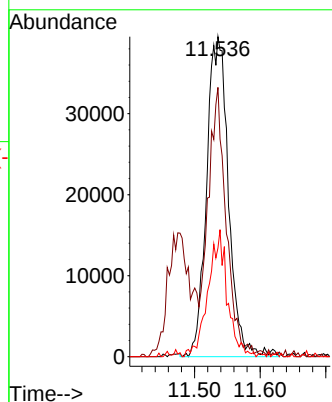
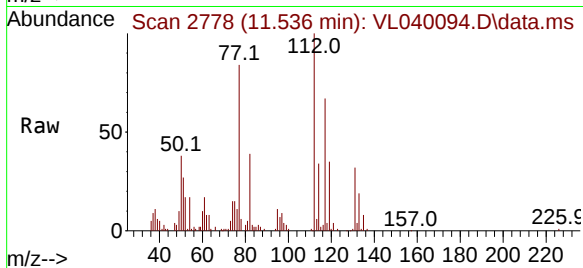
#57
Chlorobenzene
Concen: 0.407 ppbv m
RT: 11.536 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 9146
Ion Ratio Lower Upper
112 100
77 84.1 57.3 85.9
114 34.0 29.6 36.2

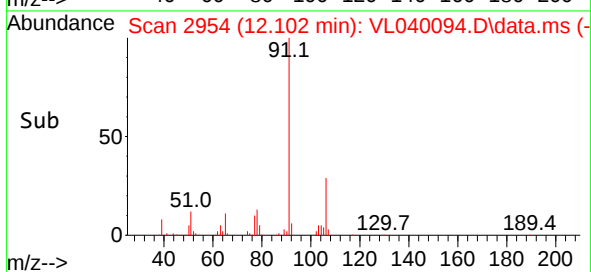
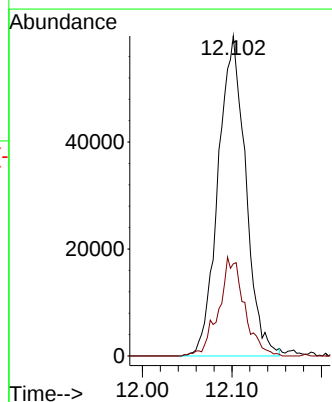
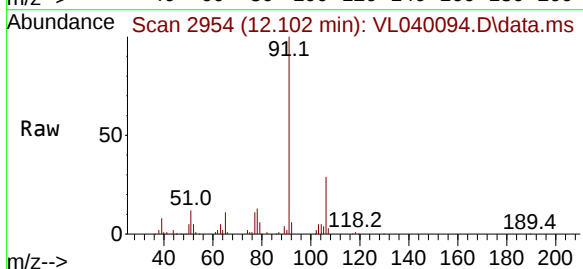
Manual Integrations
APPROVED

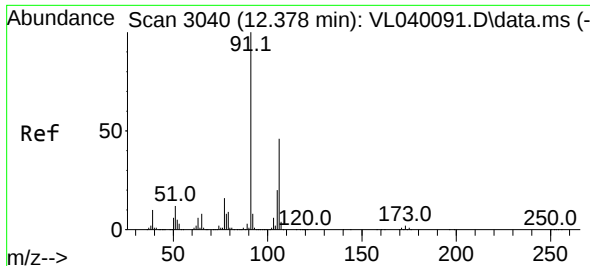
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#58
Ethyl Benzene
Concen: 0.340 ppbv m
RT: 12.102 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 91 Resp: 127625
Ion Ratio Lower Upper
91 100
106 28.8 23.7 35.5





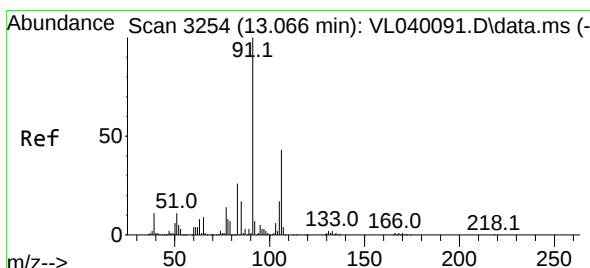
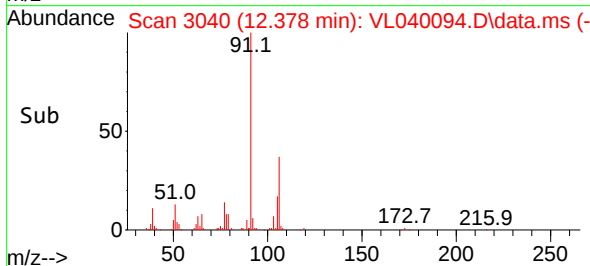
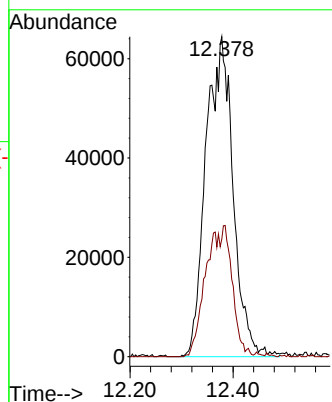
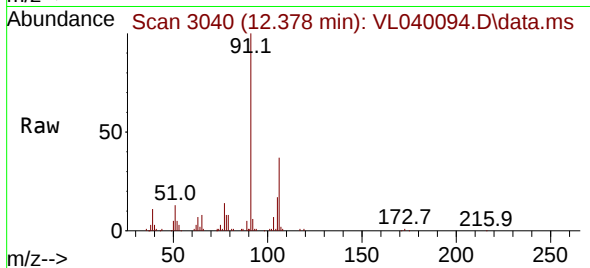
#59
m/p-Xylene
Concen: 0.721 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 235880
Ion Ratio Lower Upper
91 100
106 40.3 34.2 51.4

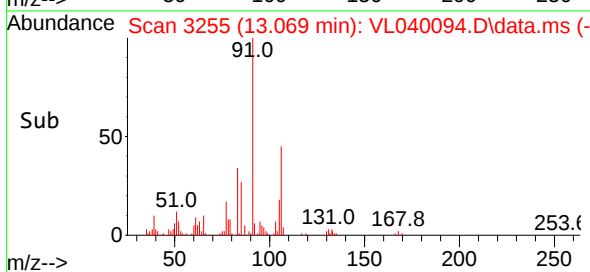
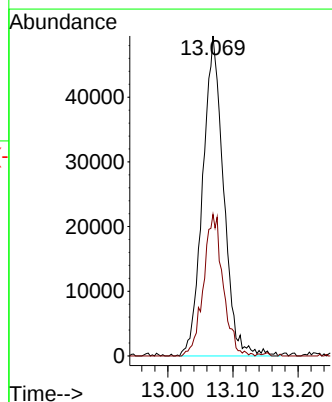
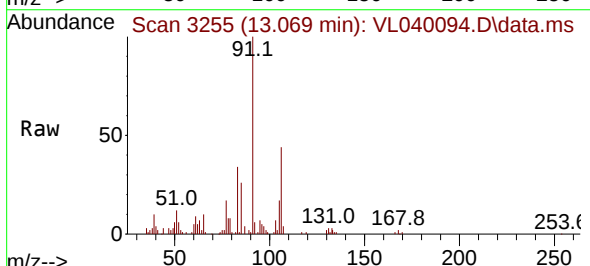
Manual Integrations
APPROVED

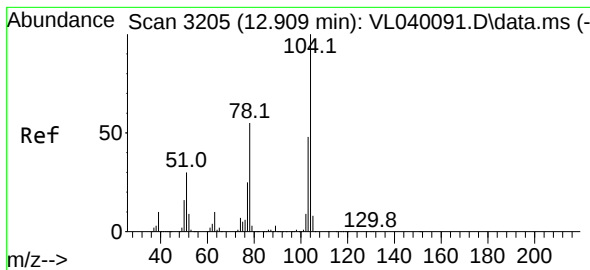
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#60
o-Xylene
Concen: 0.352 ppbv m
RT: 13.069 min Scan# 3255
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 91 Resp: 110300
Ion Ratio Lower Upper
91 100
106 41.9 21.6 64.8





#61

Styrene

Concen: 0.300 ppbv m

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

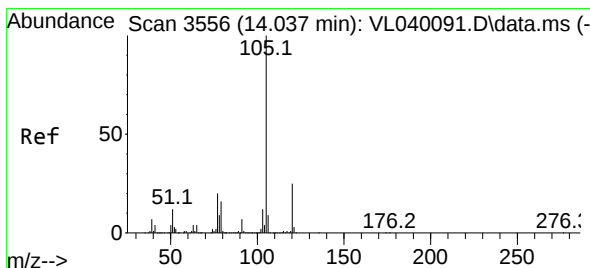
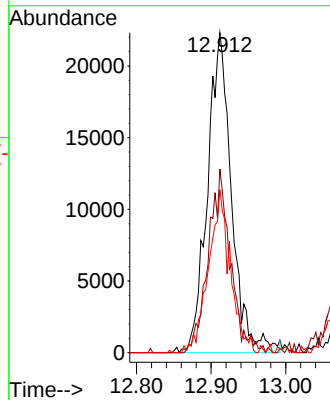
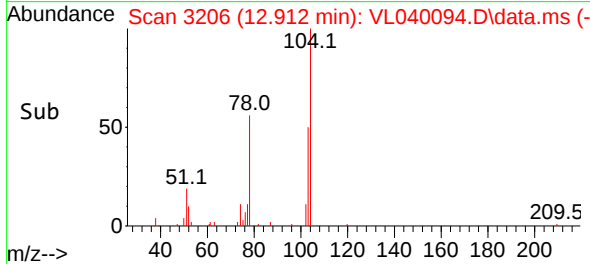
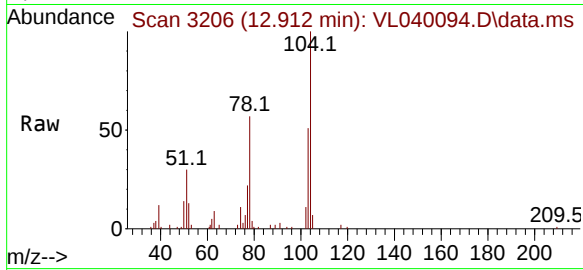
VSTDICC0.5

Tgt Ion:	104	Resp:	5049
Ion Ratio	Lower	Upper	
104	100		
78	52.7	44.0	66.0
103	47.0	37.8	56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#62

Isopropylbenzene

Concen: 0.372 ppbv

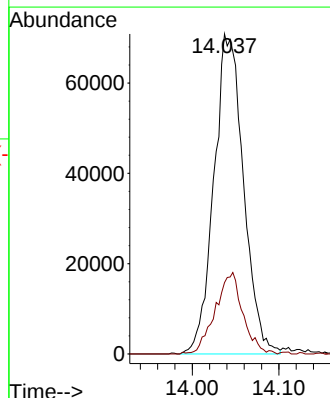
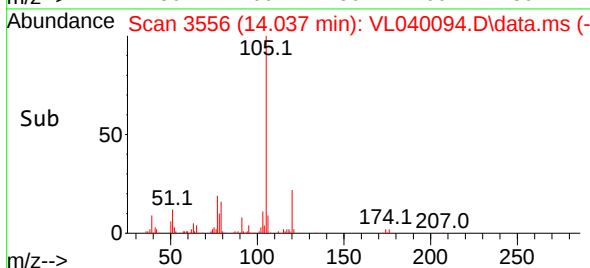
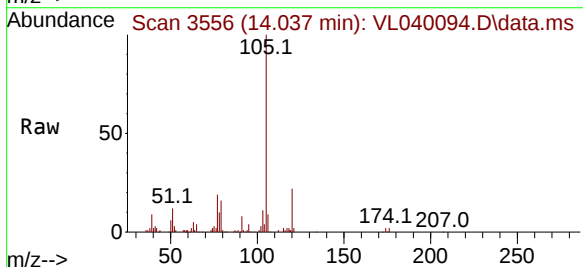
RT: 14.037 min Scan# 3556

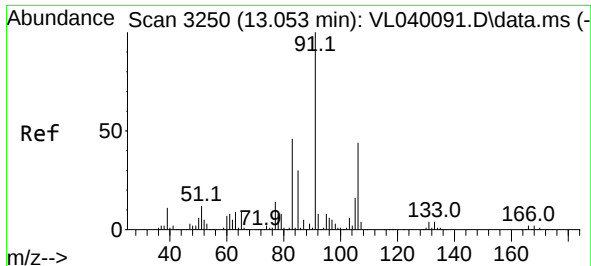
Delta R.T. 0.000 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

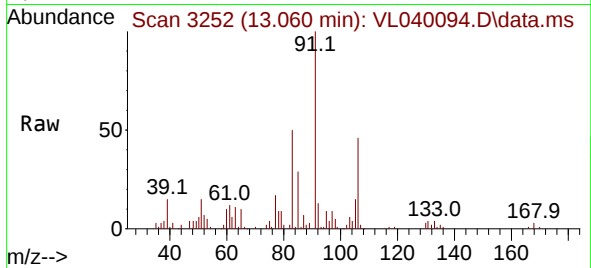
Tgt Ion:	105	Resp:	168133
Ion Ratio	Lower	Upper	
105	100		
120	24.1	20.2	30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.401 ppbv m
RT: 13.060 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

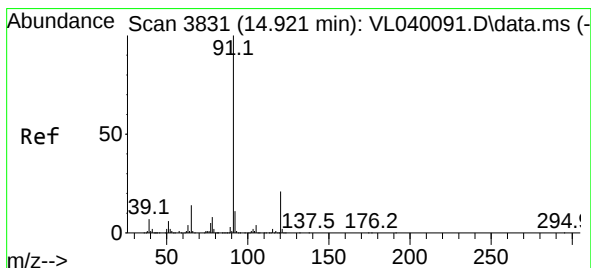
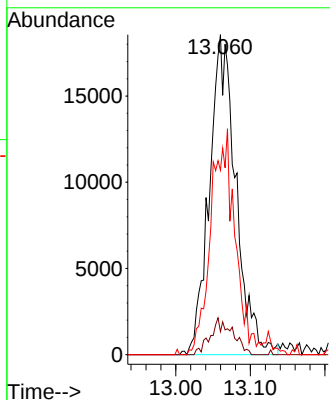
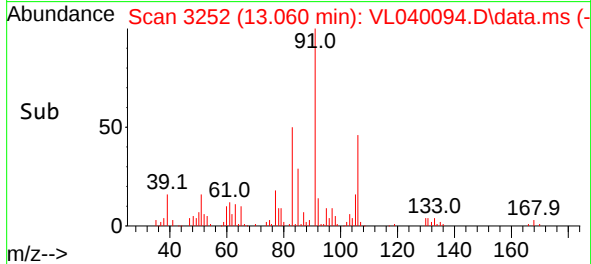
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



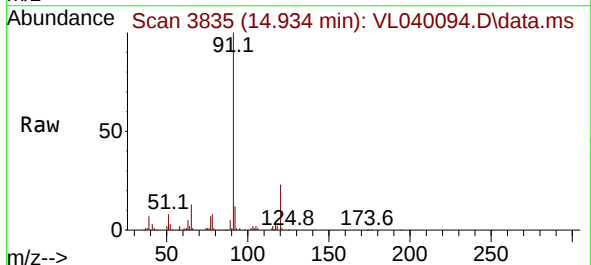
Tgt Ion: 83 Resp: 4605
Ion Ratio Lower Upper
83 100
131 9.6 4.3 13.1
85 0.0 32.5 97.5

Manual Integrations
APPROVED

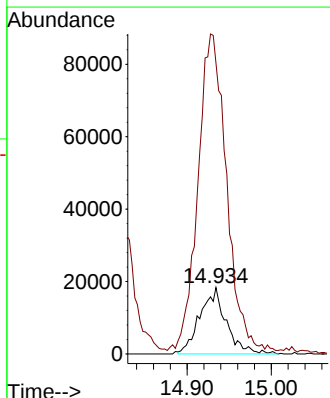
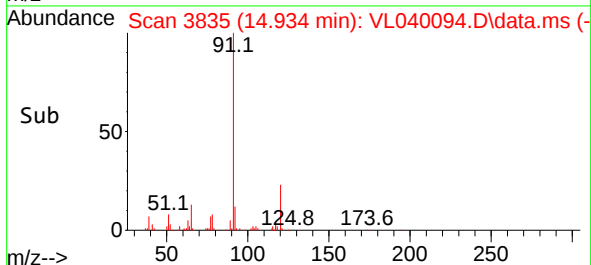
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

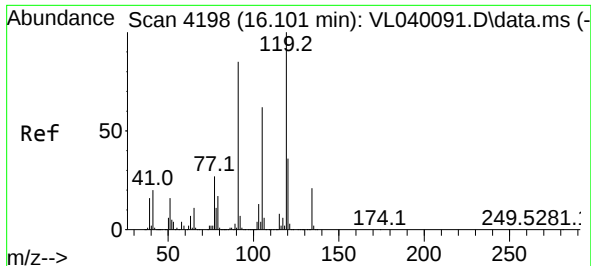


#64
n-propylbenzene
Concen: 0.347 ppbv m
RT: 14.934 min Scan# 3835
Delta R.T. 0.013 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12



Tgt Ion:120 Resp: 39655
Ion Ratio Lower Upper
120 100
91 545.9 397.0 595.4





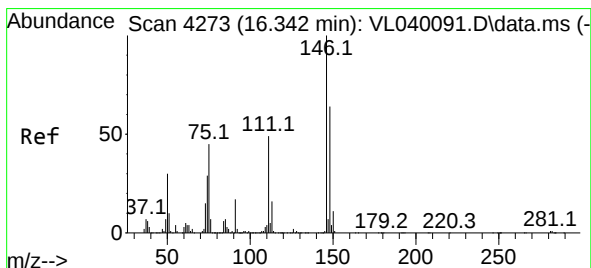
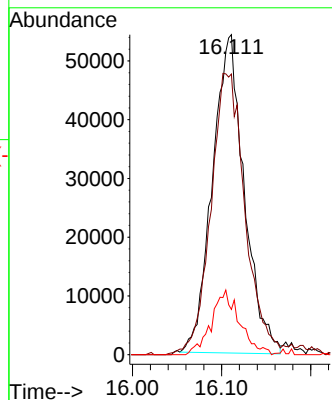
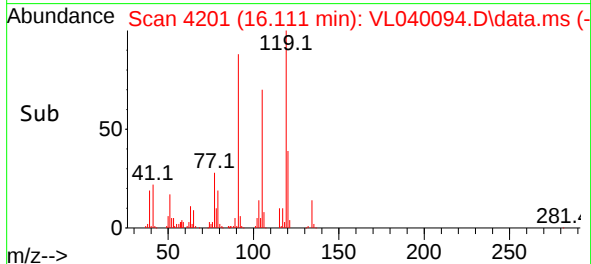
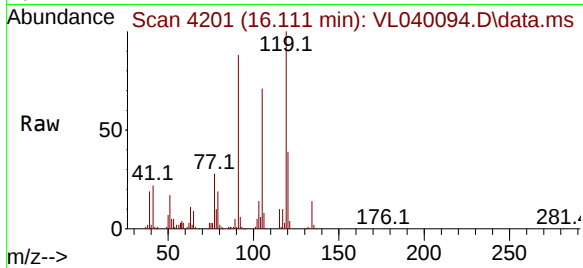
#65
tert-Butylbenzene
Concen: 0.343 ppbv
RT: 16.111 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 134720
Ion Ratio Lower Upper
119 100
91 97.4 69.5 104.3
134 17.9 15.8 23.8

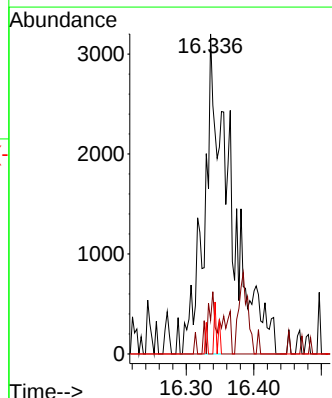
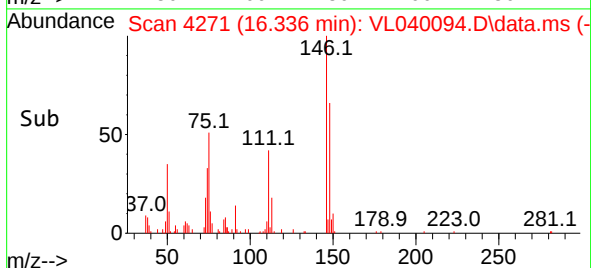
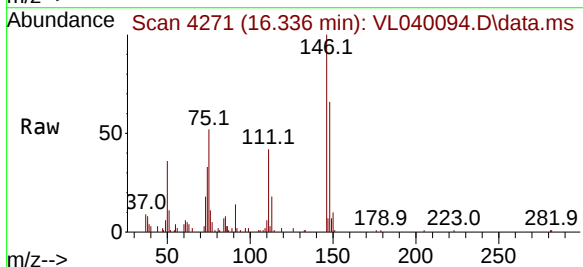
Manual Integrations
APPROVED

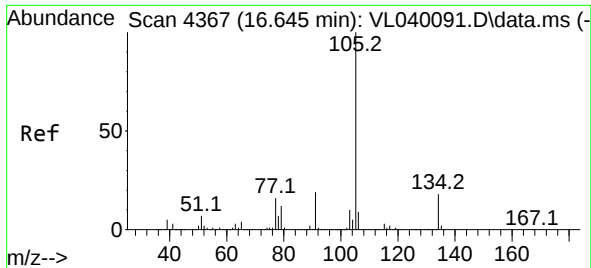
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#66
Benzyl Chloride
Concen: 0.380 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. -0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

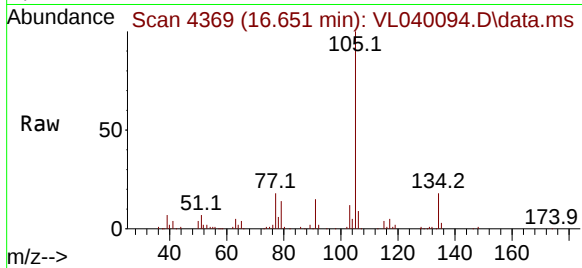
Tgt Ion: 91 Resp: 8706
Ion Ratio Lower Upper
91 100
126 5.5 11.5 17.3#
128 0.0 0.0 0.0





#67
 sec-Butylbenzene
 Concen: 0.350 ppbv
 RT: 16.651 min Scan# 4369
 Delta R.T. 0.006 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12

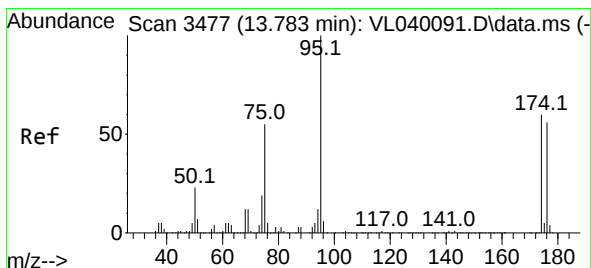
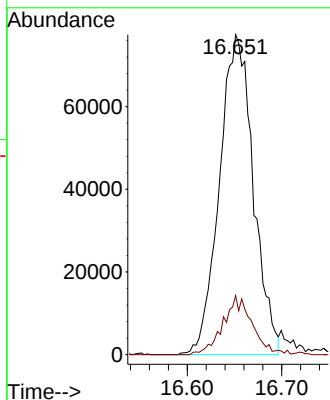
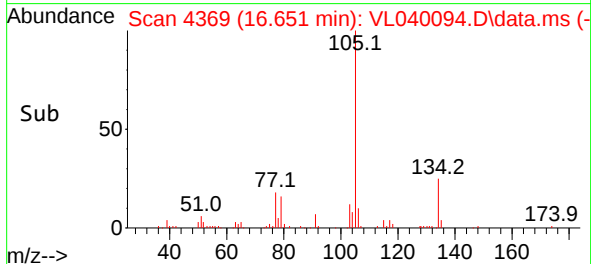
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



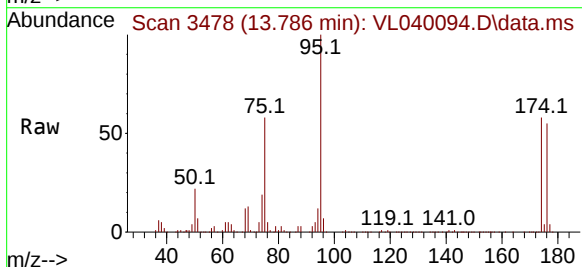
Tgt Ion: 105 Resp: 192519
 Ion Ratio Lower Upper
 105 100
 134 16.1 14.1 21.1

Manual Integrations
 APPROVED

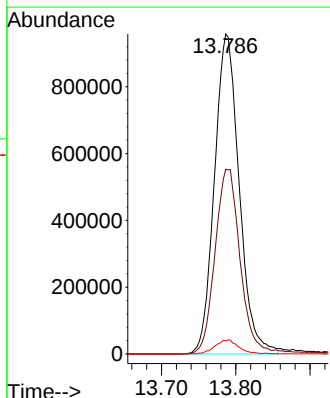
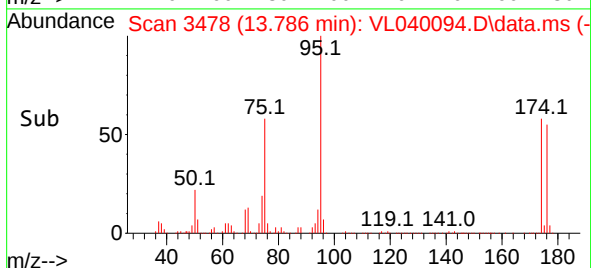
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

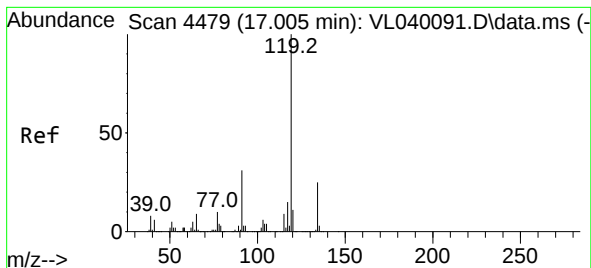


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.973 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040094.D
 Acq: 16 Jan 2023 12:12



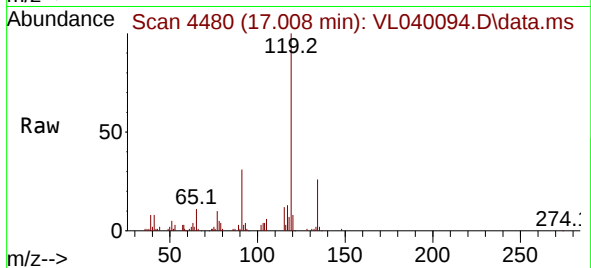
Tgt Ion: 95 Resp: 2216342
 Ion Ratio Lower Upper
 95 100
 174 59.8 47.7 71.5
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.324 ppbv
RT: 17.008 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

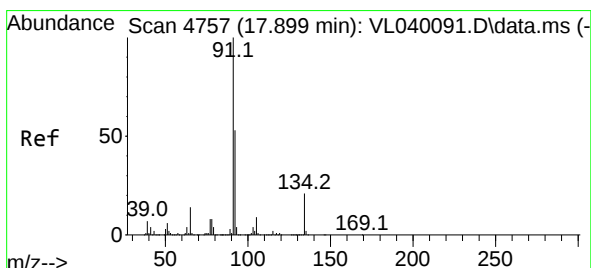
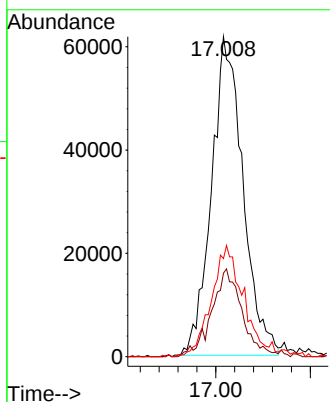
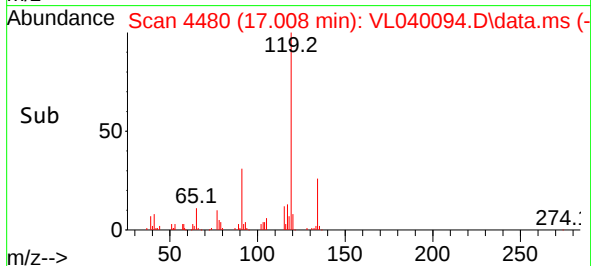
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 119 Resp: 142497
Ion Ratio Lower Upper
119 100
134 27.0 20.1 30.1
91 36.8 25.0 37.4

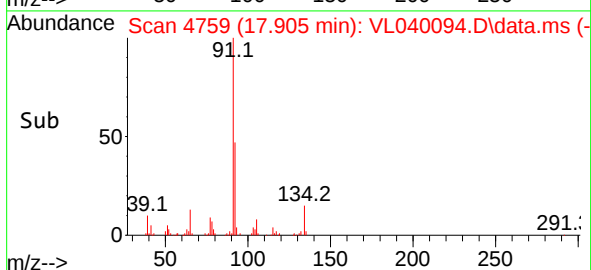
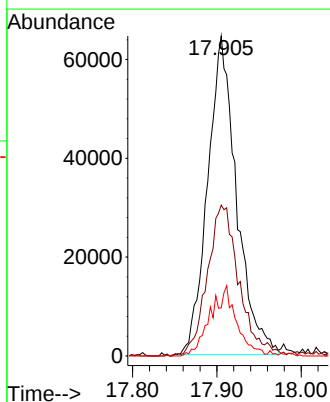
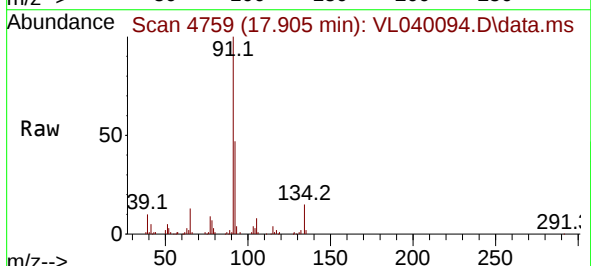
Manual Integrations
APPROVED

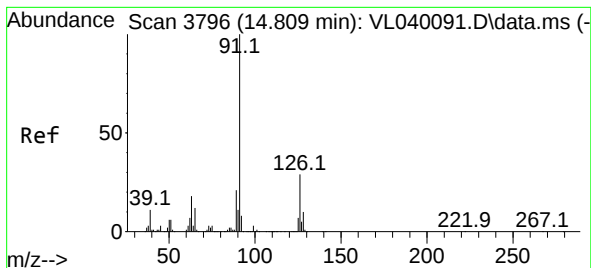
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#70
n-Butylbenzene
Concen: 0.334 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion: 91 Resp: 153918
Ion Ratio Lower Upper
91 100
92 52.0 42.8 64.2
134 20.6 16.9 25.3





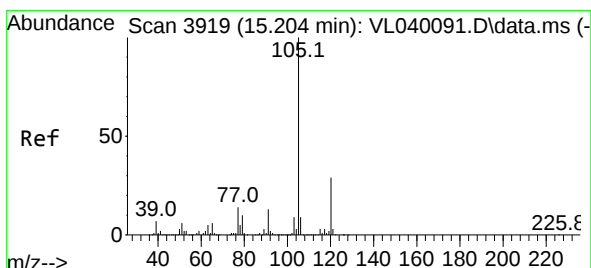
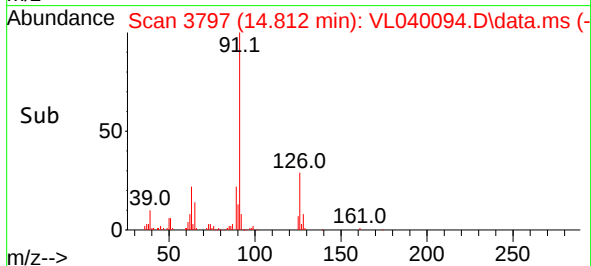
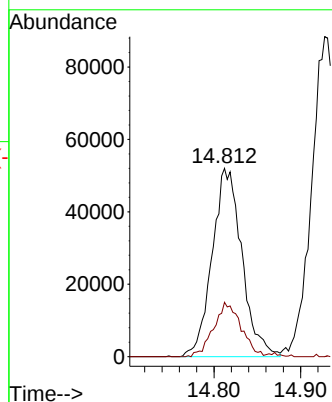
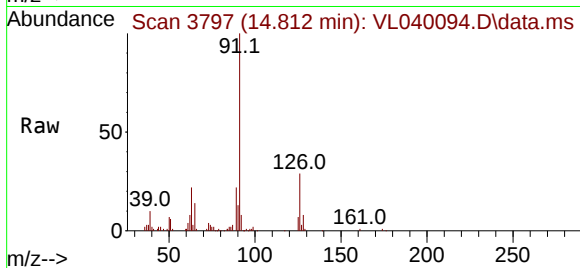
#71
2-Chlorotoluene
Concen: 0.360 ppbv
RT: 14.812 min Scan# 3796
Delta R.T. 0.003 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 124174
Ion Ratio Lower Upper
91 100
126 27.3 11.9 47.5

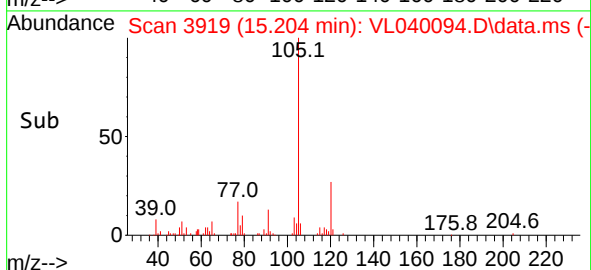
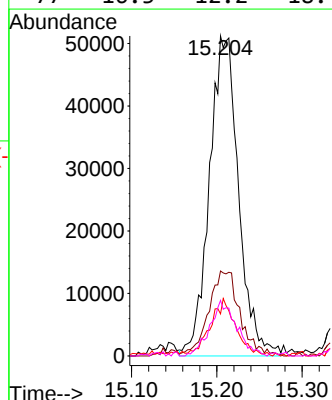
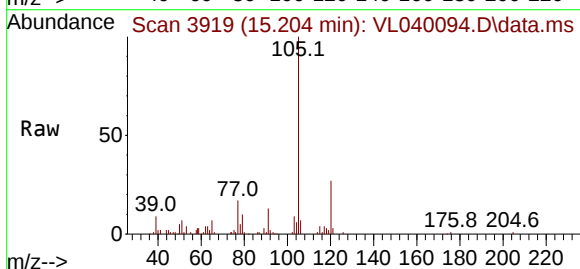
Manual Integrations
APPROVED

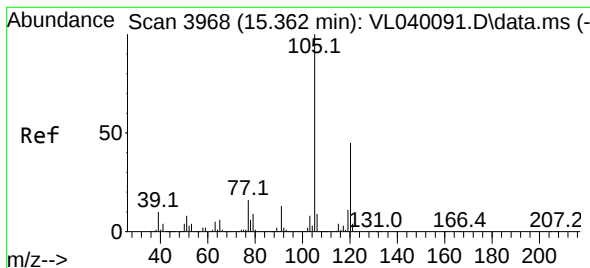
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#72
4-Ethyltoluene
Concen: 0.350 ppbv m
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion:105 Resp: 121888
Ion Ratio Lower Upper
105 100
120 28.5 23.1 34.7
91 16.8 11.2 16.8
77 16.3 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 0.344 ppbv m

RT: 15.368 min Scan# 3968

Delta R.T. 0.006 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 108109

Ion Ratio Lower Upper

105 100

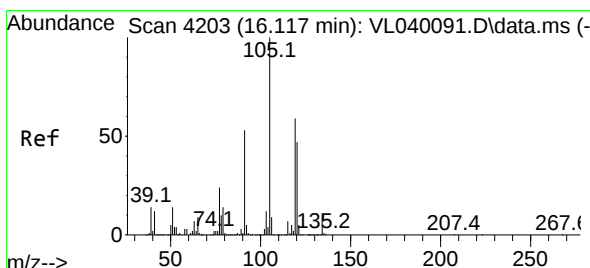
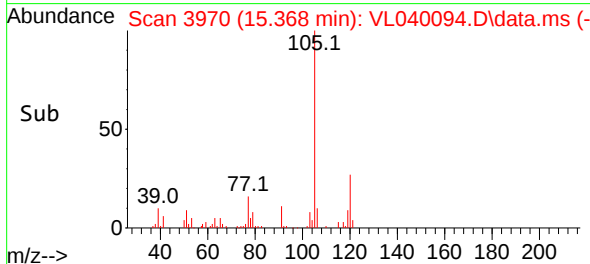
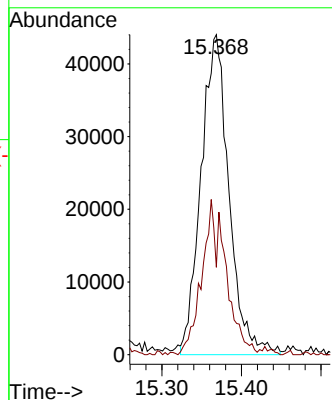
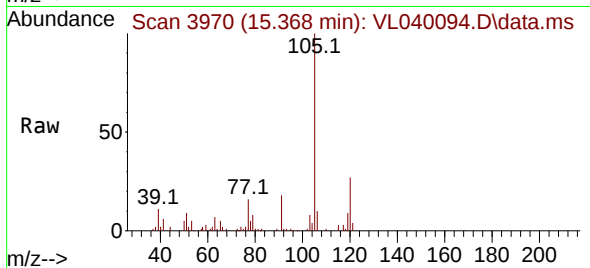
120 27.3 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.351 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.006 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Tgt Ion:105 Resp: 121448

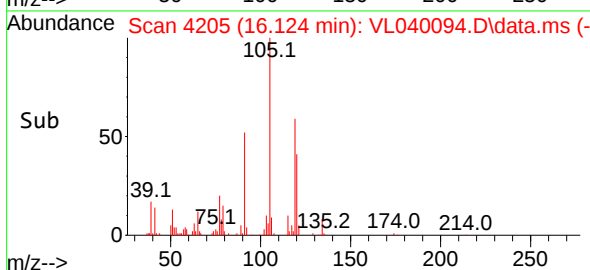
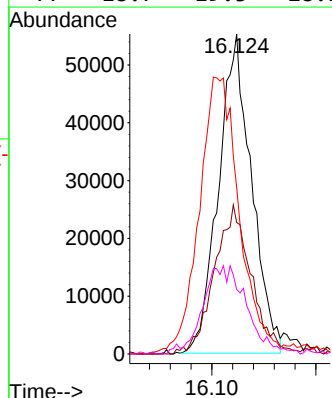
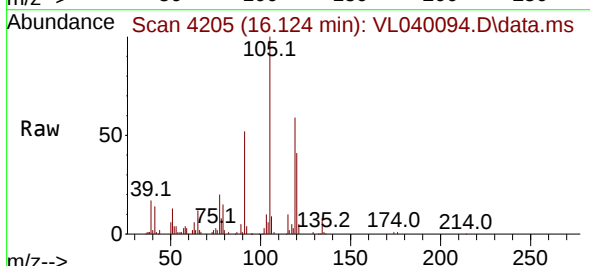
Ion Ratio Lower Upper

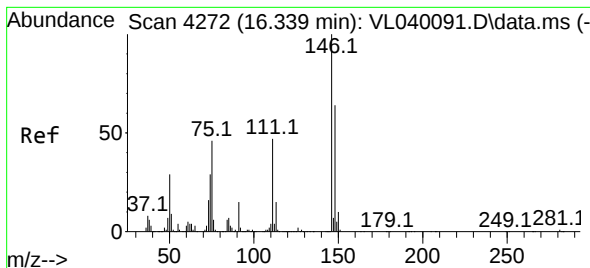
105 100

120 40.1 38.0 57.0

91 50.2 42.1 63.1

77 18.7 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 0.381 ppbv m

RT: 16.352 min Scan# 4319

Delta R.T. 0.013 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

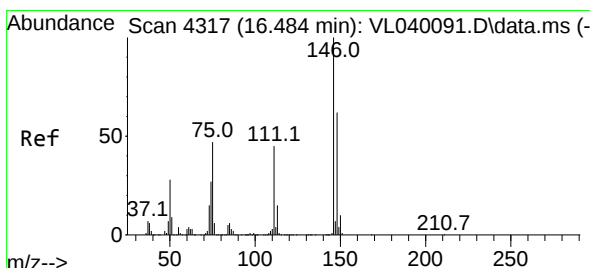
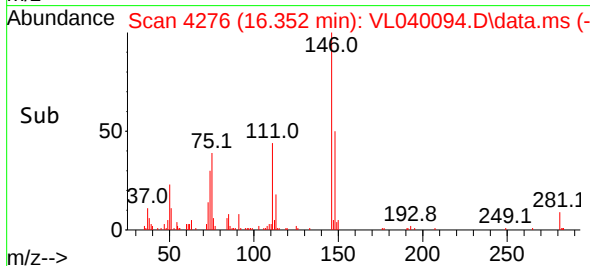
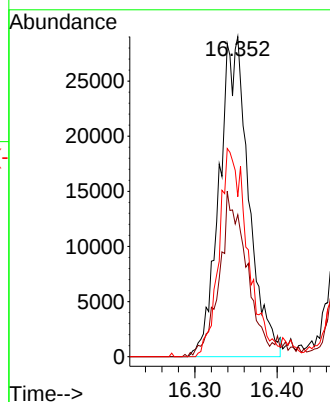
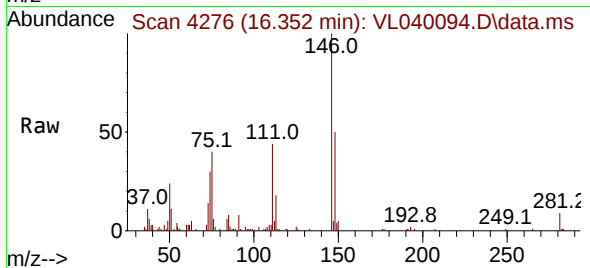
VSTDIC0.5

Tgt Ion:	146	Resp:	72209
Ion Ratio	Lower	Upper	
146	100		
111	50.7	24.3	73.0
148	64.9	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#76

1,4-Dichlorobenzene

Concen: 0.379 ppbv m

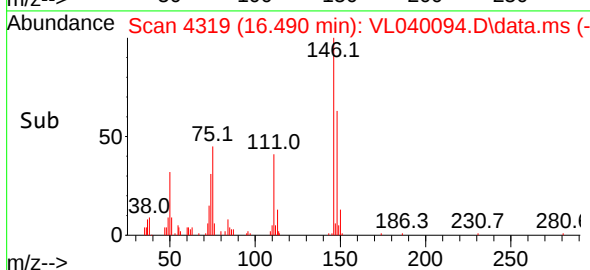
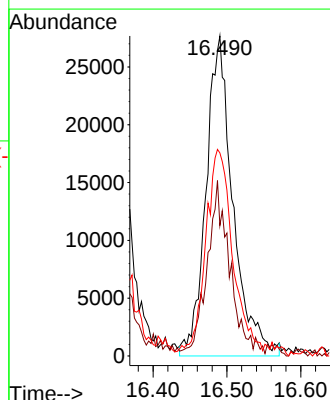
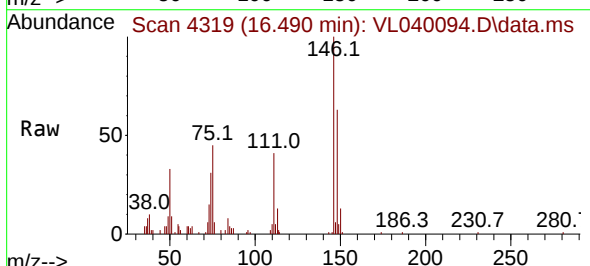
RT: 16.490 min Scan# 4319

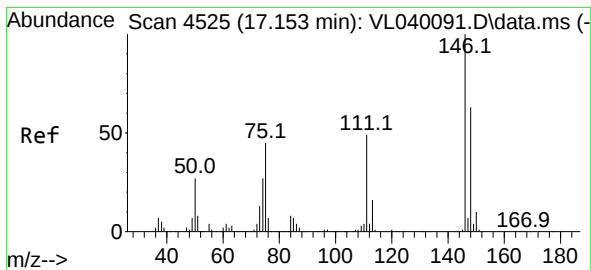
Delta R.T. 0.006 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Tgt Ion:	146	Resp:	70078
Ion Ratio	Lower	Upper	
146	100		
111	45.8	23.8	71.2
148	68.0	32.8	98.4





#77

1,2-Dichlorobenzene

Concen: 0.377 ppbv m

RT: 17.162 min Scan# 4525

Delta R.T. 0.010 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

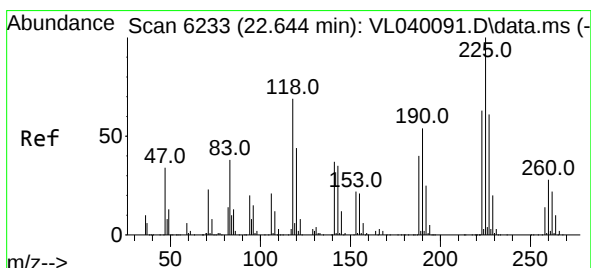
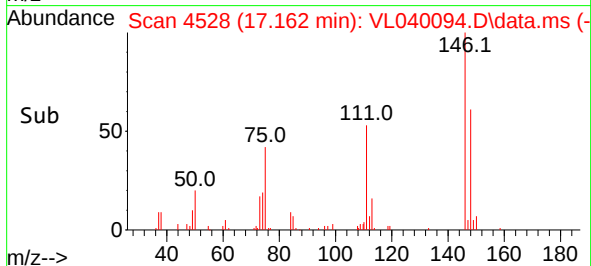
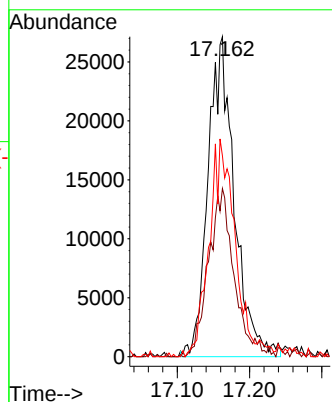
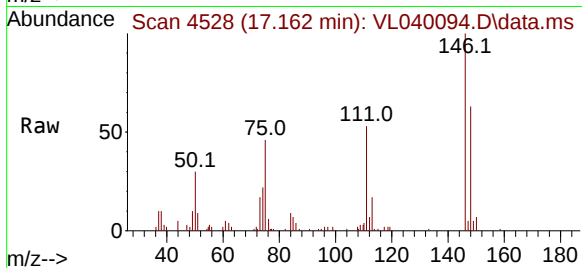
VSTDIC0.5

Tgt Ion:146	Resp:	6845
Ion Ratio	Lower	Upper
146	100	
111	0.0	25.1
148	0.0	32.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#78

Hexachloro-1,3-Butadiene

Concen: 0.443 ppbv m

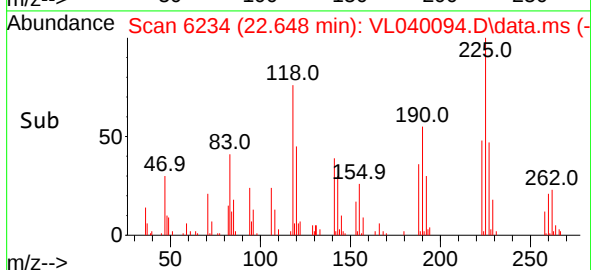
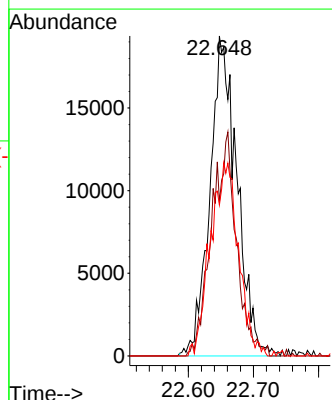
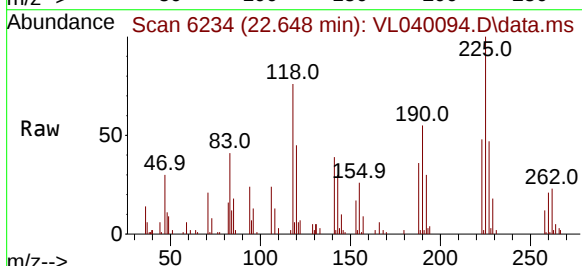
RT: 22.648 min Scan# 6234

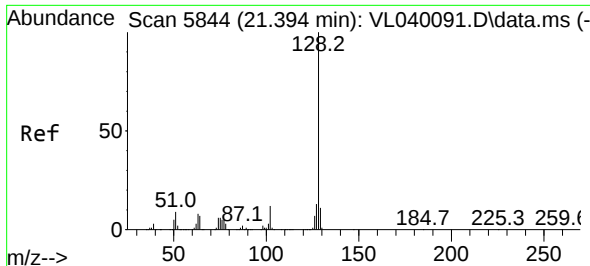
Delta R.T. 0.003 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Tgt Ion:225	Resp:	55758
Ion Ratio	Lower	Upper
225	100	
223	0.0	51.5
227	0.0	50.6





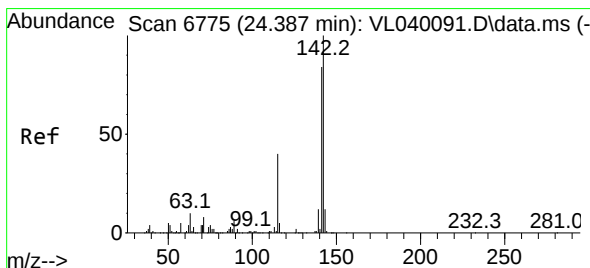
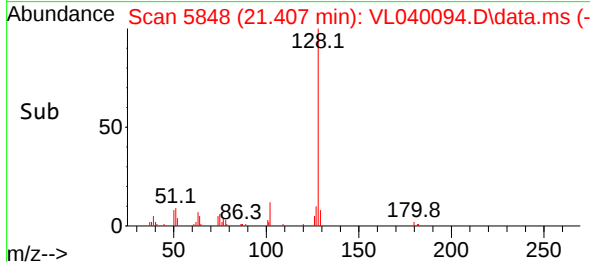
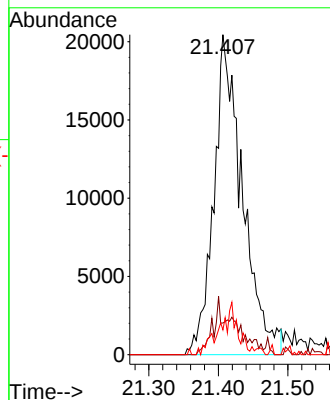
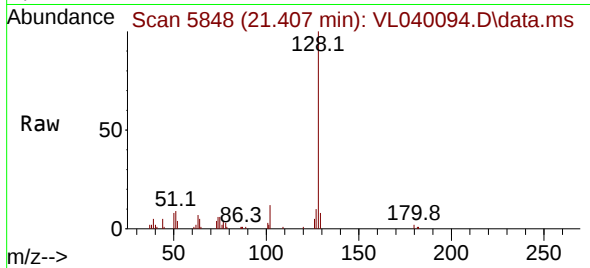
#79
Naphthalene
Concen: 0.283 ppbv m
RT: 21.407 min Scan# 5848
Delta R.T. 0.013 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 5839
Ion Ratio Lower Upper
128 100
127 9.9 10.3 15.5
129 7.7 8.8 13.2

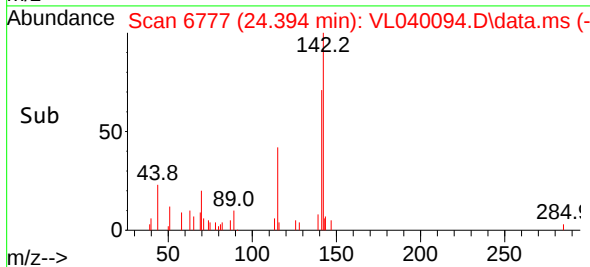
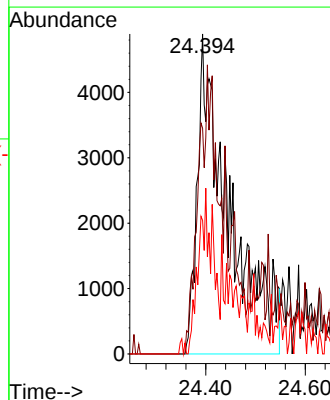
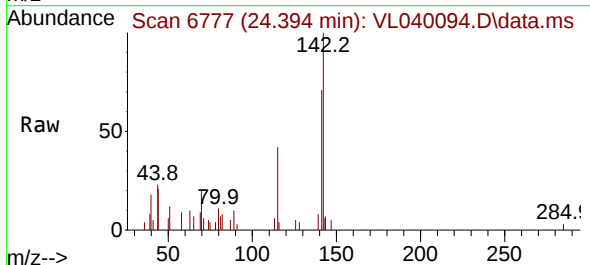
Manual Integrations
APPROVED

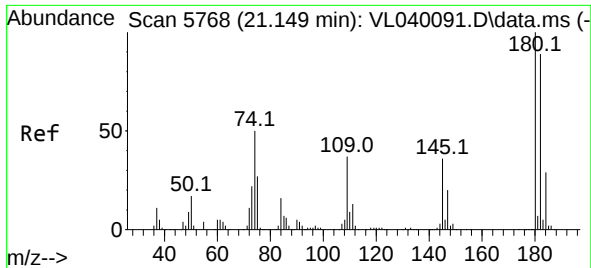
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#80
Naphthalene,2-methyl-
Concen: 0.341 ppbv m
RT: 24.394 min Scan# 6777
Delta R.T. 0.007 min
Lab File: VL040094.D
Acq: 16 Jan 2023 12:12

Tgt Ion:142 Resp: 21509
Ion Ratio Lower Upper
142 100
141 71.1 65.0 97.6
115 24.1 31.8 47.8





#81

1,2,4-Trichlorobenzene

Concen: 0.326 ppbv m

RT: 21.166 min Scan# 5

Delta R.T. 0.016 min

Lab File: VL040094.D

Acq: 16 Jan 2023 12:12

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:180 Resp: 39910

Ion Ratio Lower Upper

180 100

182 90.9 78.6 117.8

184 34.4 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023

