

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040172.D
 Acq On : 15 Feb 2023 12:23
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Feb 15 12:53:15 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 15 11:34:13 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.182	49	973701	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2578544	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2319012	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1902007	9.869	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.716	85	103502	0.606	ppbv	100
3) Chlorodifluoromethane	2.658	51	63015	0.540	ppbv	96
4) Chloromethane	2.803	50	36058	0.500	ppbv #	87
5) Vinyl Chloride	2.909	62	33938	0.555	ppbv	91
6) Bromomethane	3.108	94	11038	0.494	ppbv #	74
7) Chloroethane	3.182	64	11295	0.483	ppbv #	81
8) Dichlorotetrafluoroethane	2.845	85	83073	0.521	ppbv	100
9) Propene	2.681	41	25914	0.534	ppbv	95
10) Heptane	7.578	43	53792m	0.481	ppbv	
11) Trichlorofluoromethane	3.552	101	82824	0.486	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.057	101	61194	0.478	ppbv	95
13) Ethanol	3.247	45	2982m	0.668	ppbv	
14) Bromoethene	3.356	108	24528	0.516	ppbv	99
15) Acetone	3.468	43	66003	0.565	ppbv	97
16) 1,3-Butadiene	2.973	39	27672	0.508	ppbv	94
17) tert-Butyl alcohol	3.883	59	63638m	0.585	ppbv	
18) 1,1-Dichloroethene	3.870	96	27901	0.501	ppbv	97
19) Isopropyl Alcohol	3.578	45	33824m	0.592	ppbv	
20) Methylene Chloride	3.925	84	39409	0.765	ppbv	87
21) Allyl Chloride	3.986	41	34941	0.466	ppbv	92
22) trans-1,2-Dichloroethene	4.439	96	26376	0.464	ppbv	89
23) Vinyl Acetate	4.620	43	17516m	0.463	ppbv	
24) 1,1-Dichloroethane	4.552	63	55007	0.480	ppbv #	96
25) Ethyl Acetate	5.205	43	113921	0.554	ppbv	99
26) Hexane	5.208	57	48668	0.541	ppbv	96
27) Carbon Disulfide	4.118	76	52623	0.451	ppbv #	90
28) Methyl tert-Butyl Ether	4.591	73	50860	0.502	ppbv	100
29) Chloroform	5.263	83	85072	0.591	ppbv	93
30) Cyclohexane	6.600	84	40387m	0.564	ppbv	
31) cis-1,2-Dichloroethene	5.070	61	46524m	0.534	ppbv	
32) 1,1,1-Trichloroethane	5.996	97	77698	0.531	ppbv	98
34) 2-Butanone	4.787	43	61077m	0.501	ppbv	
35) Carbon Tetrachloride	6.488	117	76338	0.524	ppbv	87
36) Benzene	6.365	78	100994	0.529	ppbv	99
37) 1,2-Dichloroethane	5.800	62	60225	0.491	ppbv	98
38) Trichloroethene	7.285	130	52375	0.484	ppbv	93
39) 1,2-Dichloropropane	7.073	63	39201m	0.525	ppbv	
40) 1,4-Dioxane	7.317	88	16078m	0.543	ppbv	
41) Tetrahydrofuran	5.568	42	39079m	0.555	ppbv	
42) Bromodichloromethane	7.246	83	77833	0.470	ppbv	98
43) Methyl Methacrylate	7.484	69	33530m	0.479	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	159922	0.504	ppbv	97
45) t-1,3-Dichloropropene	8.706	75	25977m	0.416	ppbv	

02/16/2023
 Supervised By : Mahesh
 adoda

02/18/2023

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Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

Quant Time: Feb 15 12:53:15 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Feb 15 11:34:13 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.147	75	37246m	0.437	ppbv		02/16/2023
47) 1,1,2-Trichloroethane	8.899	97	42377m	0.539	ppbv		Supervised By :Mahesh Dadoda
48) Dibromochloromethane	9.709	129	57184	0.453	ppbv	97	
49) Bromoform	12.407	173	40969m	0.421	ppbv		
50) 4-Methyl-2-Pentanone	8.201	43	92970	0.485	ppbv	99	
51) 2-Hexanone	9.574	43	65604m	0.451	ppbv		
52) Tetrachloroethene	10.613	164	31671m	0.507	ppbv		02/18/2023
53) Toluene	9.217	91	97217m	0.478	ppbv		
54) 1,2-Dibromoethane	10.015	107	42062m	0.511	ppbv		
56) 1,1,1,2-Tetrachloroethane	11.510	131	48159	0.534	ppbv #	1	
57) Chlorobenzene	11.526	112	88386m	0.559	ppbv		
58) Ethyl Benzene	12.095	91	129129	0.499	ppbv	89	
59) m/p-Xylene	12.349	91	233562m	1.004	ppbv		
60) o-Xylene	13.063	91	111477	0.505	ppbv	99	
61) Styrene	12.905	104	50965	0.443	ppbv	98	
62) Isopropylbenzene	14.037	105	166066	0.523	ppbv	98	
63) 1,1,2,2-Tetrachloroethane	13.050	83	47121m	0.588	ppbv		
64) n-propylbenzene	14.921	120	34250	0.434	ppbv #	47	
65) tert-Butylbenzene	16.095	119	139638	0.513	ppbv	92	
66) Benzyl Chloride	16.339	91	8299m	0.446	ppbv		
67) sec-Butylbenzene	16.642	105	206465	0.535	ppbv	99	
69) p-Isopropyltoluene	16.998	119	156084	0.515	ppbv	97	
70) n-Butylbenzene	17.896	91	169685	0.519	ppbv	99	
71) 2-Chlorotoluene	14.802	91	123826	0.507	ppbv	99	
72) 4-Ethyltoluene	15.204	105	119656	0.488	ppbv #	96	
73) 1,3,5-Trimethylbenzene	15.359	105	110754	0.502	ppbv	93	
74) 1,2,4-Trimethylbenzene	16.114	105	127634	0.522	ppbv	92	
75) 1,3-Dichlorobenzene	16.339	146	71872m	0.529	ppbv		
76) 1,4-Dichlorobenzene	16.474	146	66264	0.496	ppbv	90	
77) 1,2-Dichlorobenzene	17.156	146	71815m	0.553	ppbv		
78) Hexachloro-1,3-Butadiene	22.651	225	54292m	0.571	ppbv		
79) Naphthalene	21.407	128	61603m	0.440	ppbv		
80) Naphthalene,2-methyl-	24.397	142	10275	0.218	ppbv	92	
81) 1,2,4-Trichlorobenzene	21.156	180	40685m	0.471	ppbv		

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

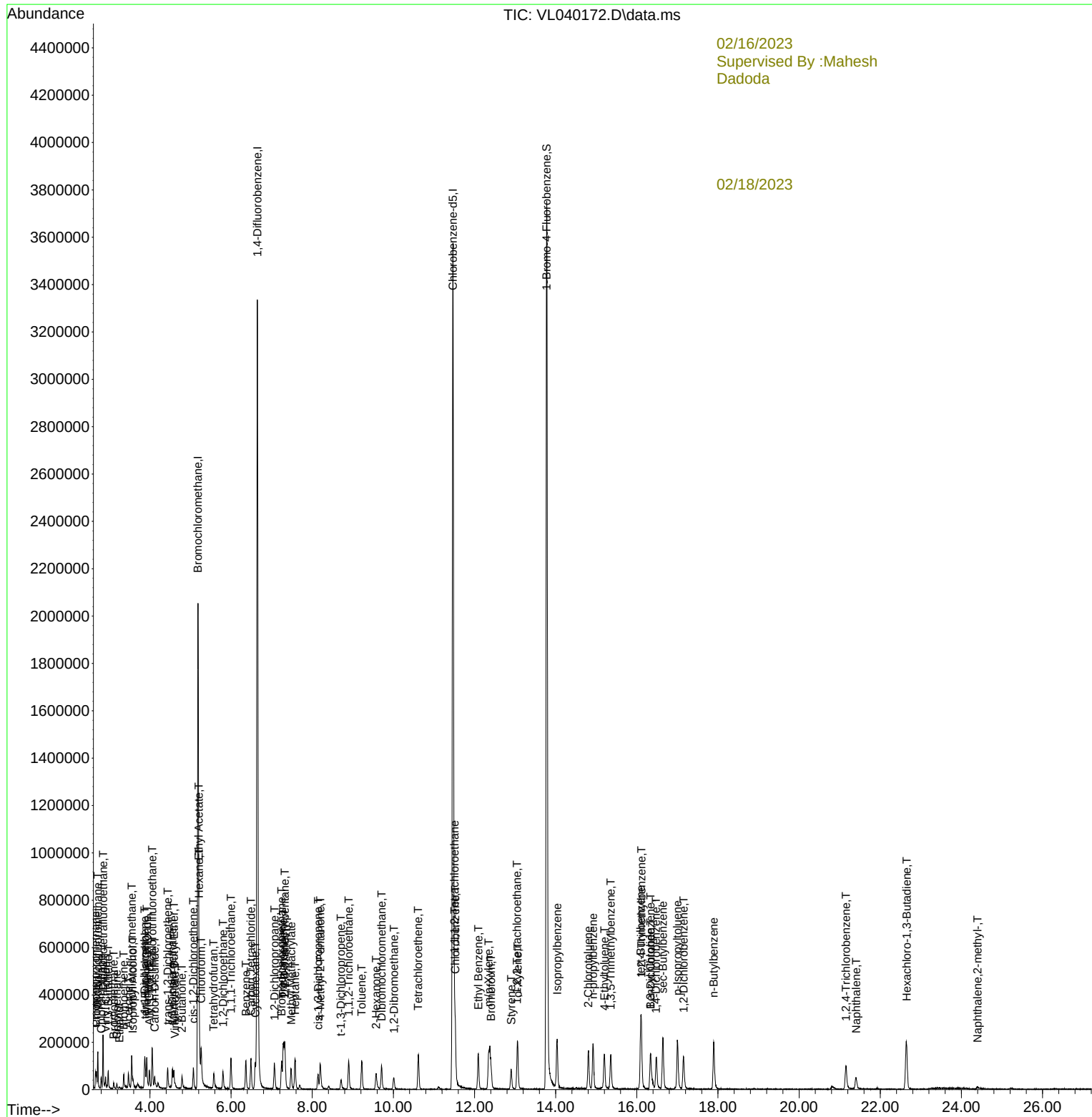
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
Data File : VL040172.D
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Operator : SY/MD
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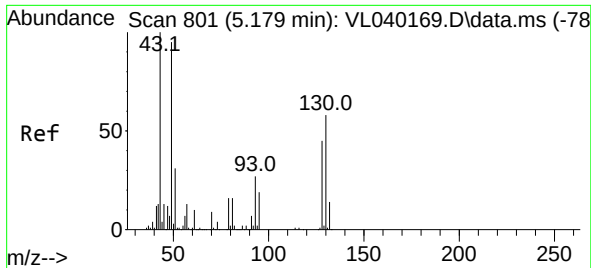
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

Quant Time: Feb 15 12:53:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Feb 15 11:34:13 2023
Response via : Initial Calibration





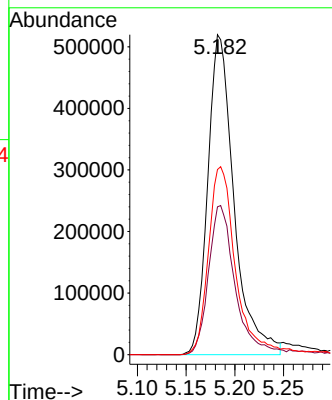
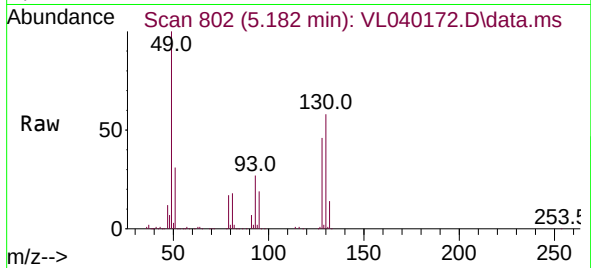
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 97370
Ion Ratio Lower Upper
49 100
128 48.8 24.1 72.3
130 62.9 30.9 92.8

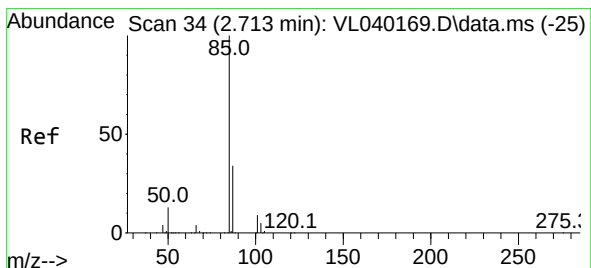
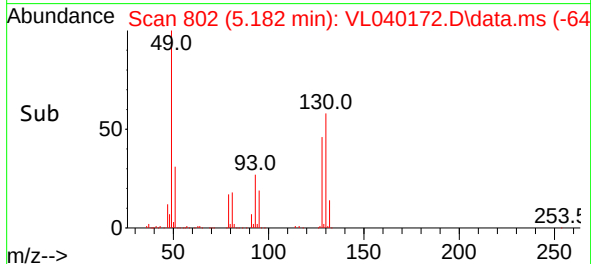
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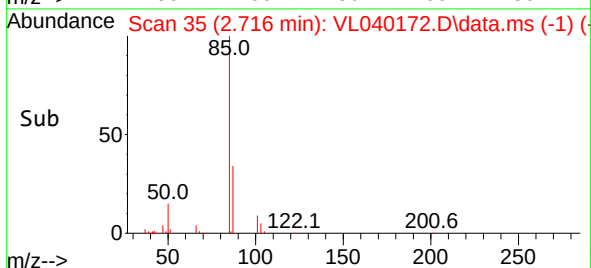
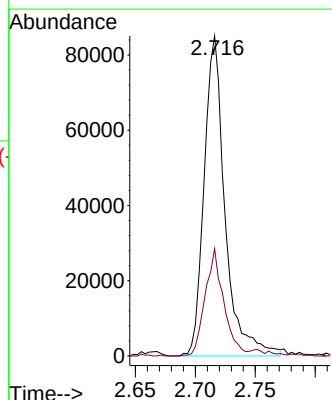
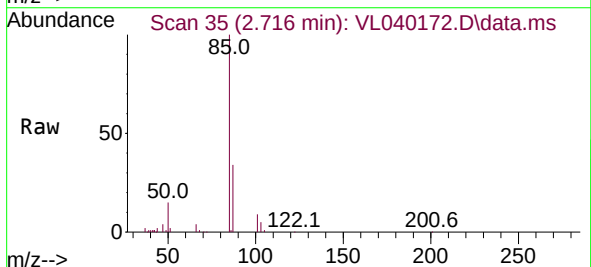
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Supervised By :Mahesh
Dadoda

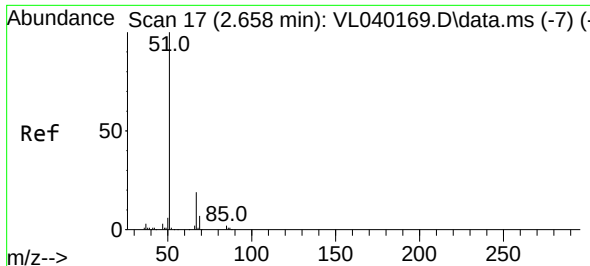
02/18/2023



#2
Dichlorodifluoromethane
Concen: 0.606 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 85 Resp: 103502
Ion Ratio Lower Upper
85 100
87 33.6 27.0 40.6





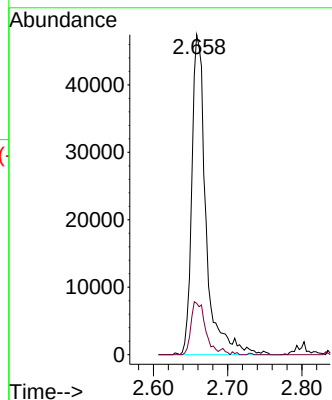
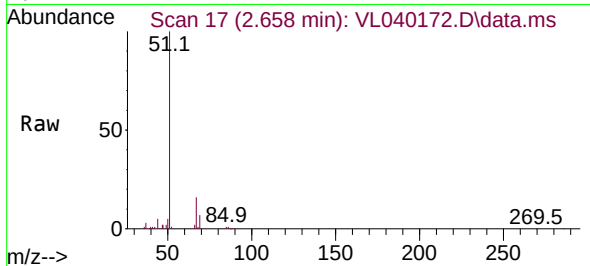
#3
Chlorodifluoromethane
Concen: 0.540 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 63015
Ion Ratio Lower Upper
51 100
67 17.6 15.4 23.2

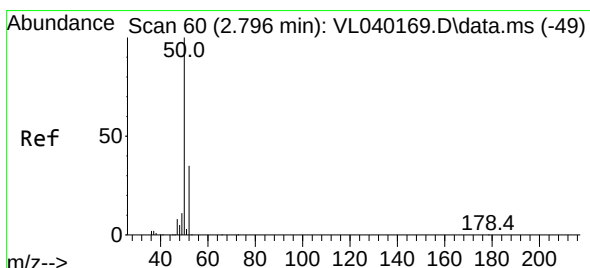
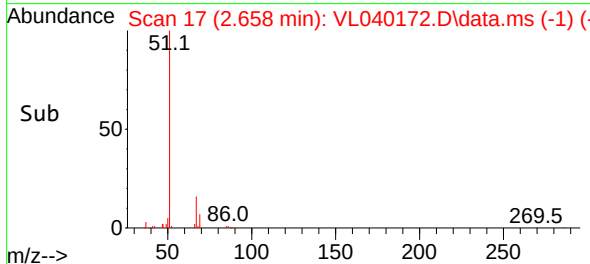
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Reviewed By :Semsettin
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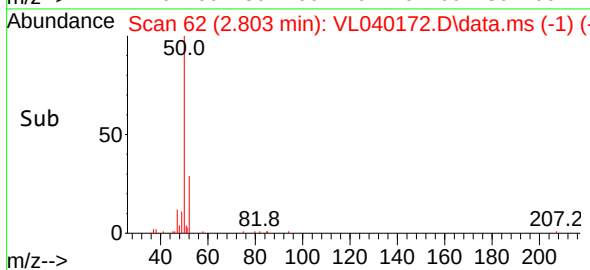
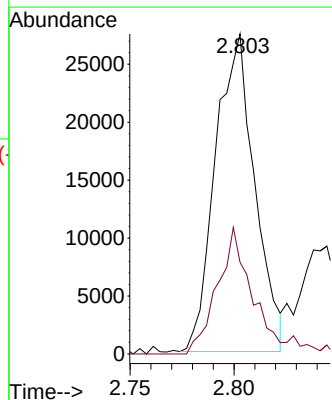
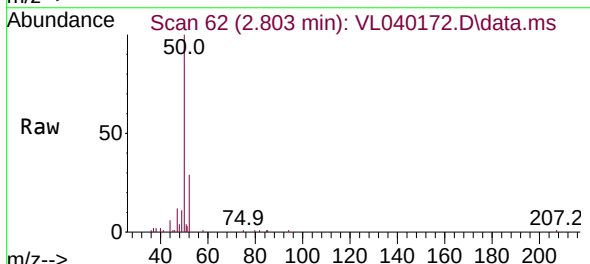
02/16/2023
Supervised By :Mahesh
Dadoda

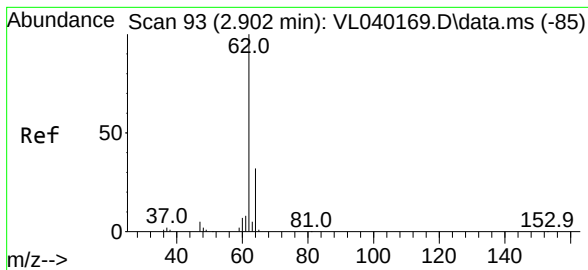
02/18/2023



#4
Chloromethane
Concen: 0.500 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

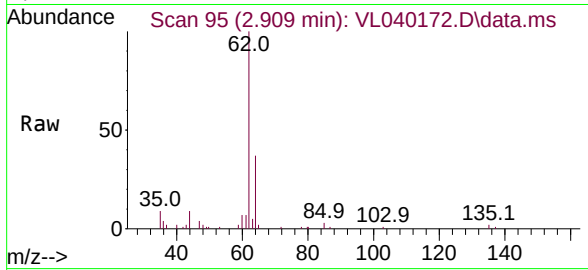
Tgt Ion: 50 Resp: 36058
Ion Ratio Lower Upper
50 100
52 27.7 28.3 42.5#





#5
 Vinyl Chloride
 Concen: 0.555 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.007 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

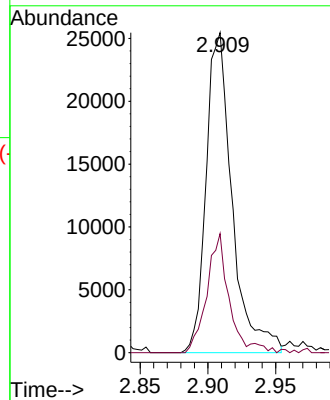
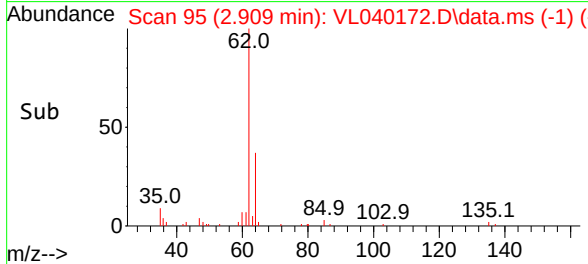
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 33938
 Ion Ratio Lower Upper
 62 100
 64 37.2 25.6 38.4

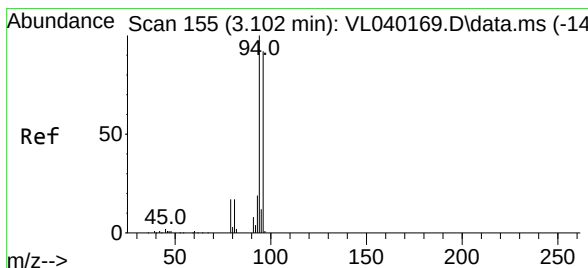
Manual Integrations
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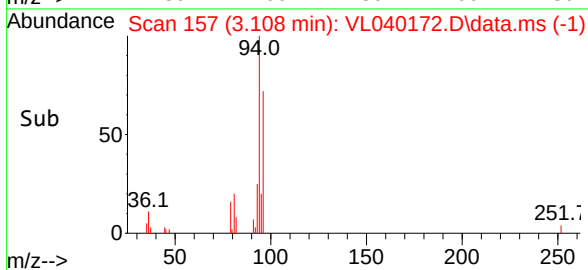
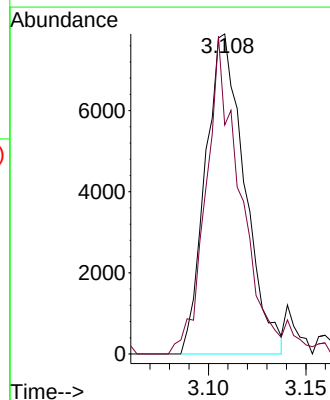
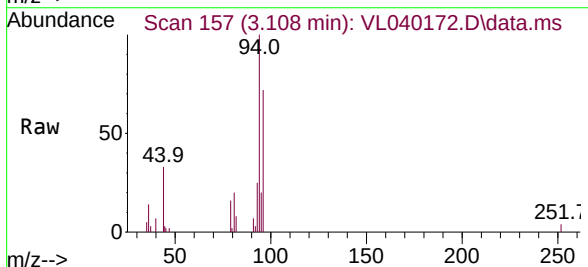
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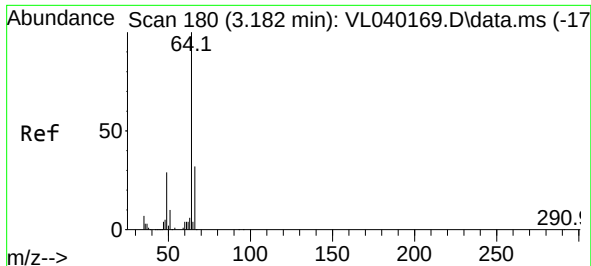
02/18/2023



#6
 Bromomethane
 Concen: 0.494 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.007 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

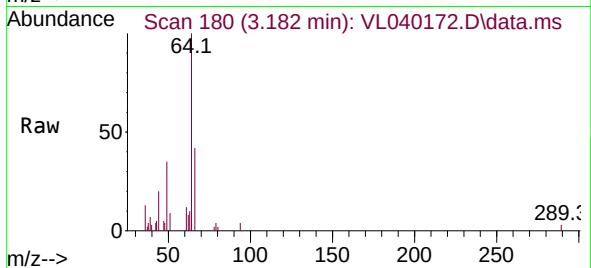
Tgt Ion: 94 Resp: 11038
 Ion Ratio Lower Upper
 94 100
 96 67.2 73.4 110.2#





#7
Chloroethane
Concen: 0.483 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

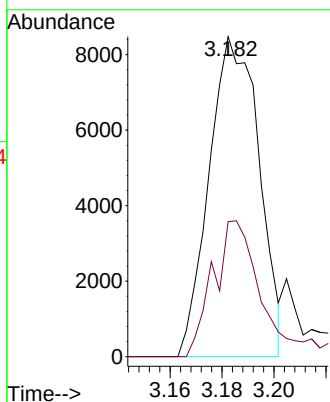
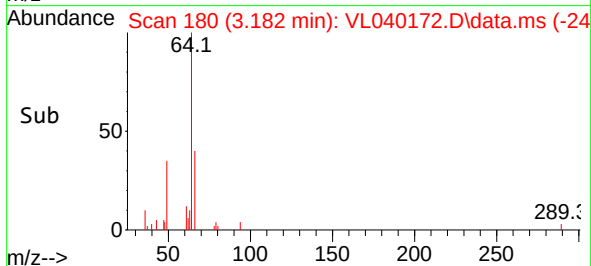
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 1129
Ion Ratio Lower Upper
64 100
66 42.2 25.4 38.2

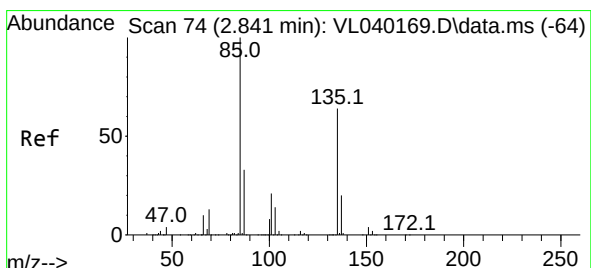
Manual Integrations
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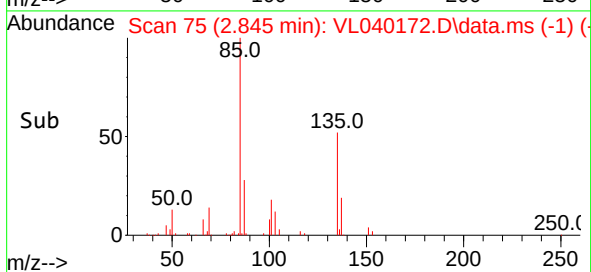
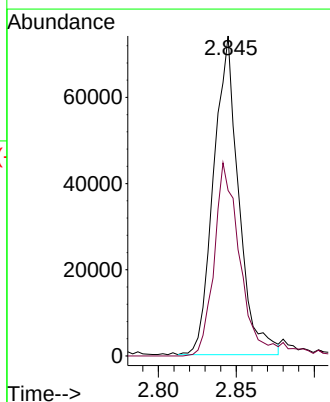
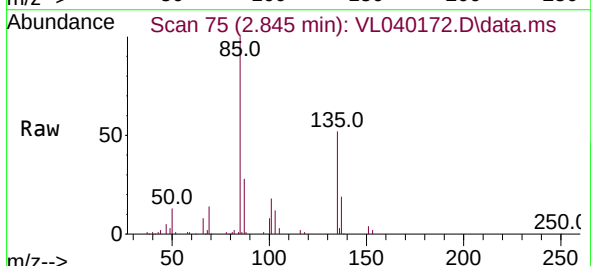
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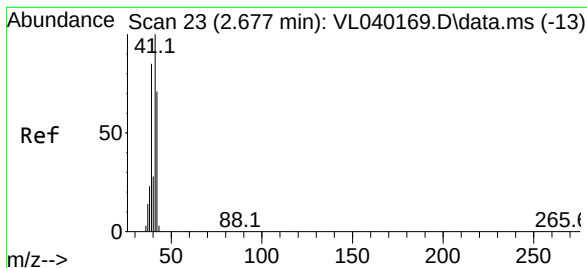
02/18/2023



#8
Dichlorotetrafluoroethane
Concen: 0.521 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 85 Resp: 83073
Ion Ratio Lower Upper
85 100
135 64.7 51.5 77.3





#9

Propene

Concen: 0.534 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 41 Resp: 25914

Ion Ratio Lower Upper

41 100

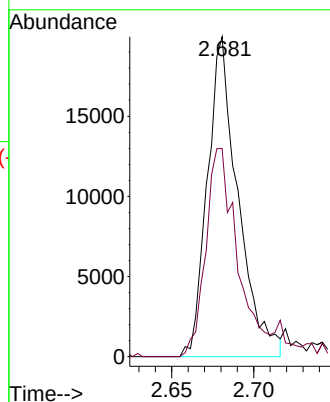
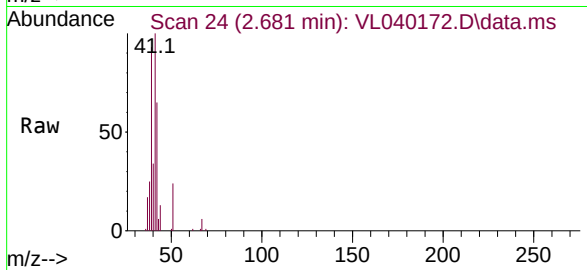
42 74.9 56.9 85.3

Manual Integrations

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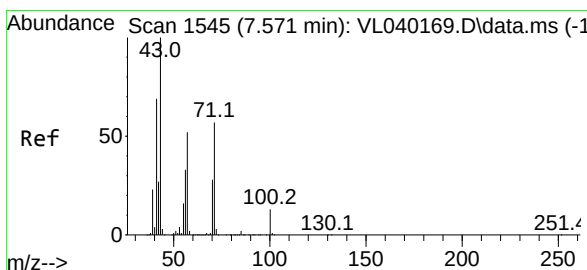
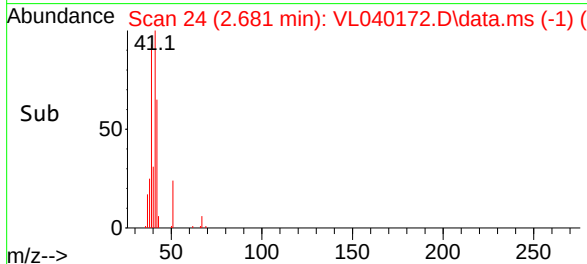


02/16/2023

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Dadoda

02/18/2023



#10

Heptane

Concen: 0.481 ppbv m

RT: 7.578 min Scan# 1547

Delta R.T. 0.007 min

Lab File: VL040172.D

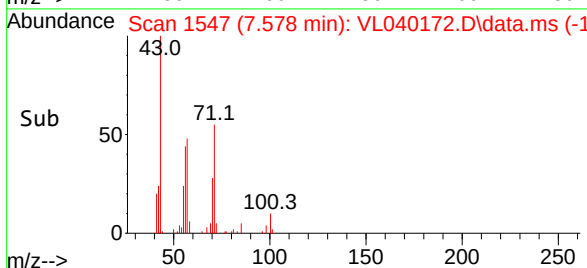
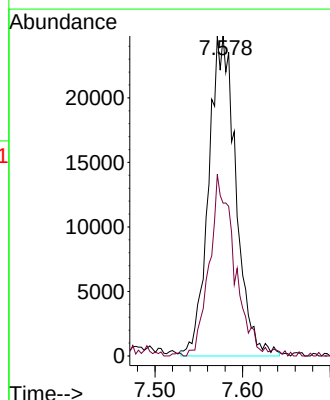
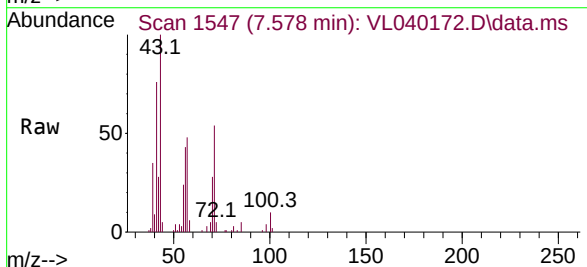
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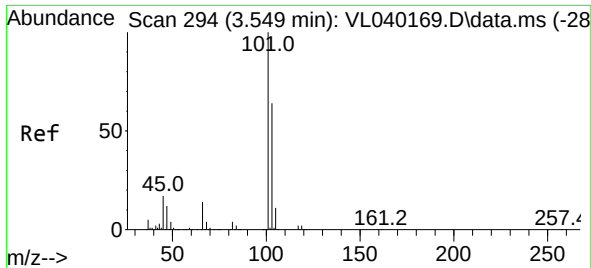
Tgt Ion: 43 Resp: 53792

Ion Ratio Lower Upper

43 100

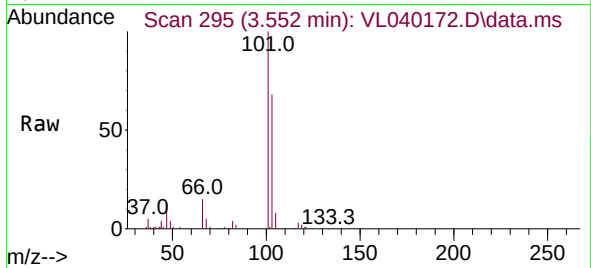
57 53.3 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.486 ppbv
RT: 3.552 min Scan# 294
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

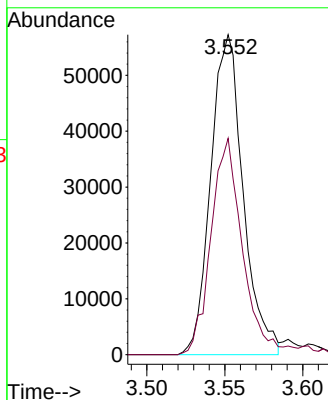
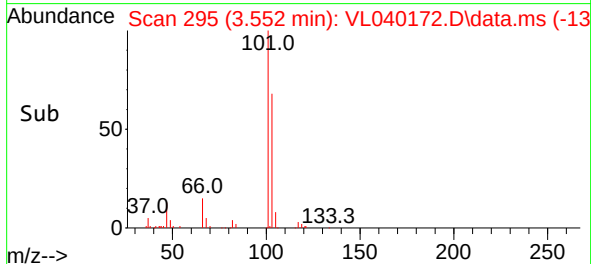
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:101 Resp: 82824
Ion Ratio Lower Upper
101 100
103 67.6 51.0 76.6

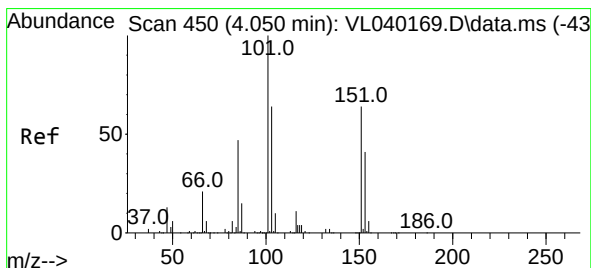
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Reviewed By :Semsettin
Yesilyurt



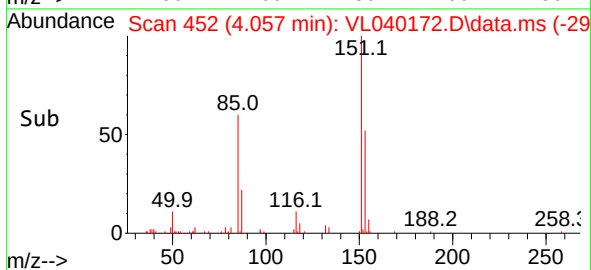
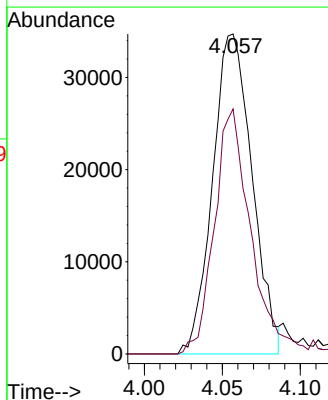
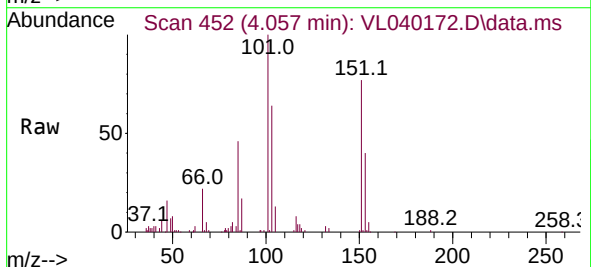
02/16/2023
Supervised By :Mahesh
Dadoda

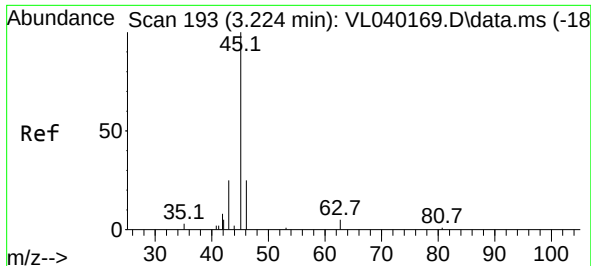
02/18/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.478 ppbv
RT: 4.057 min Scan# 452
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

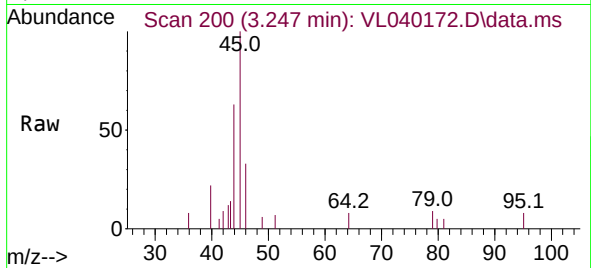
Tgt Ion:101 Resp: 61194
Ion Ratio Lower Upper
101 100
151 72.7 54.7 82.1





#13
Ethanol
Concen: 0.668 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

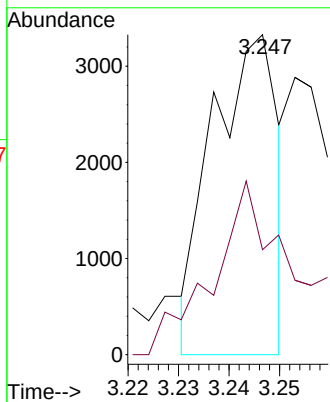
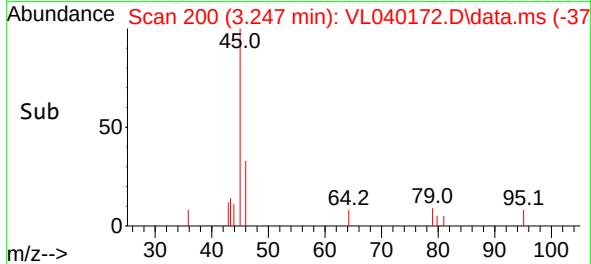
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 2982
Ion Ratio Lower Upper
45 100
46 89.5 13.3 53.1

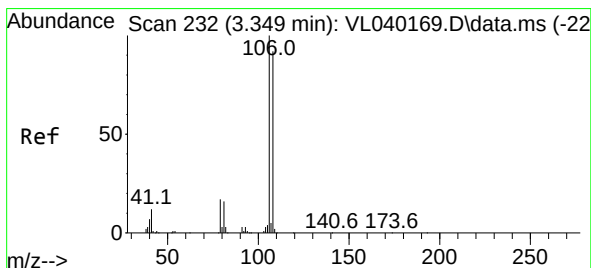
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Reviewed By :Semsettin
Yesilyurt

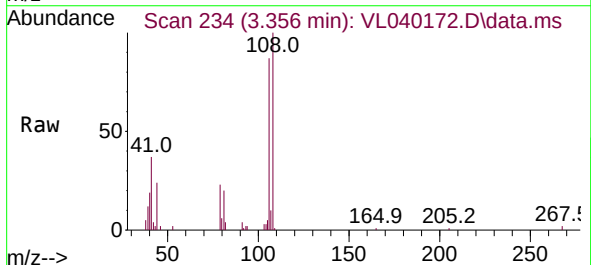


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Supervised By :Mahesh
Dadoda

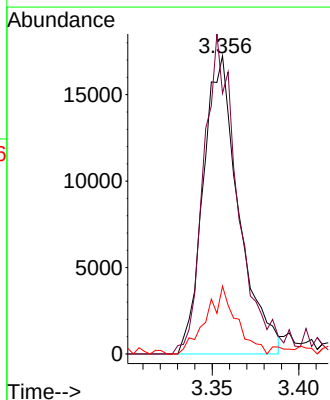
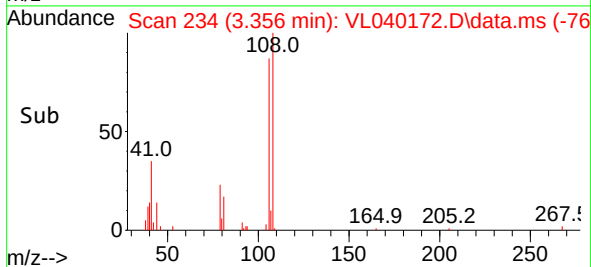
02/18/2023

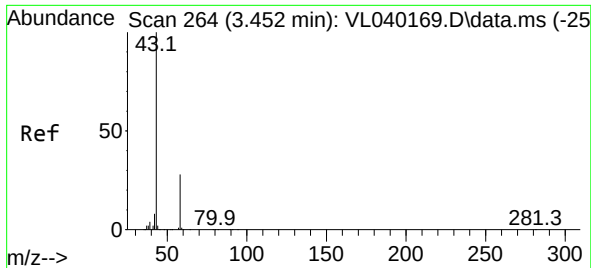


#14
Bromoethene
Concen: 0.516 ppbv
RT: 3.356 min Scan# 234
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23



Tgt Ion:108 Resp: 24528
Ion Ratio Lower Upper
108 100
106 107.5 87.1 130.7
79 20.2 15.4 23.2





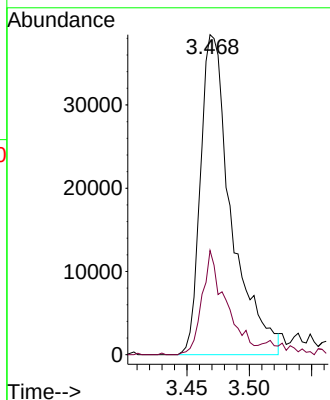
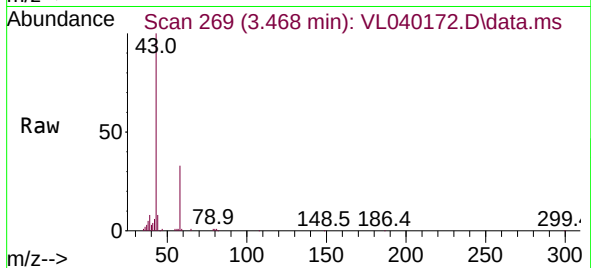
#15
Acetone
Concen: 0.565 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 6600
Ion Ratio Lower Upper
43 100
58 29.5 22.4 33.6

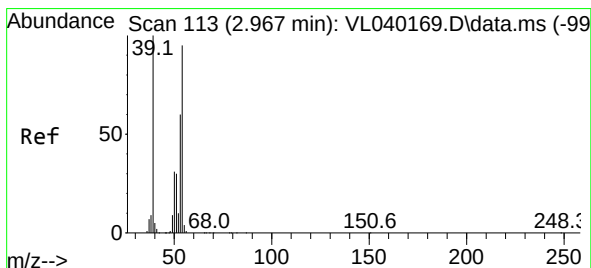
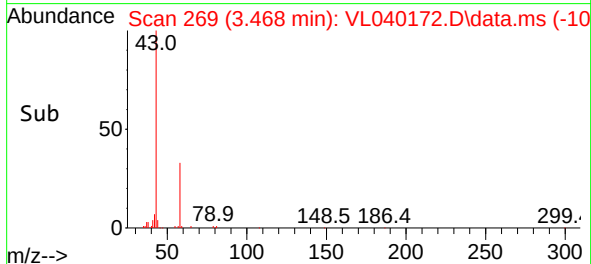
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Reviewed By :Semsettin
Yesilyurt



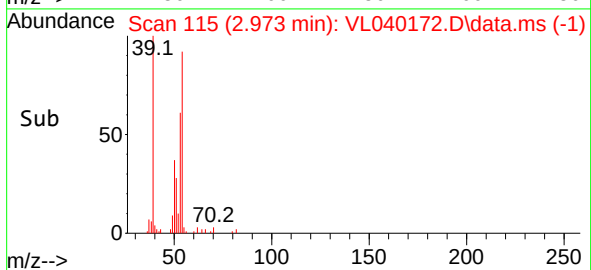
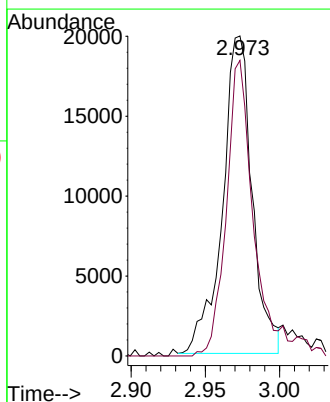
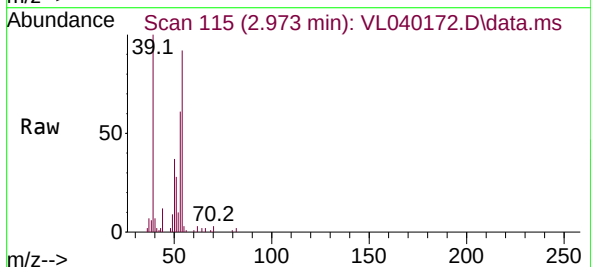
02/16/2023
Supervised By :Mahesh
Dadoda

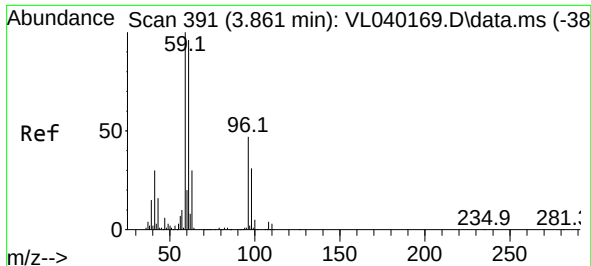
02/18/2023



#16
1,3-Butadiene
Concen: 0.508 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 39 Resp: 27672
Ion Ratio Lower Upper
39 100
54 88.9 66.7 100.1





#17
tert-Butyl alcohol
Concen: 0.585 ppbv m
RT: 3.883 min Scan# 391
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

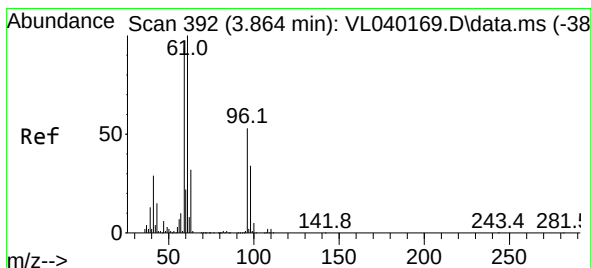
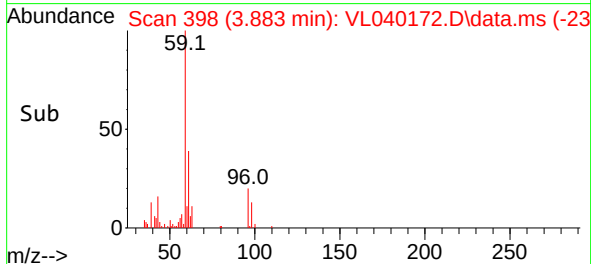
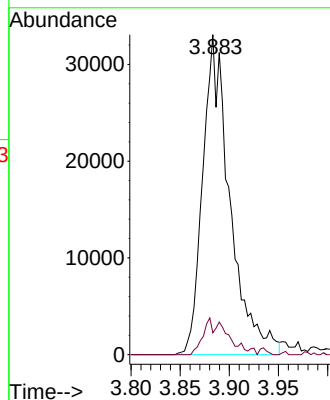
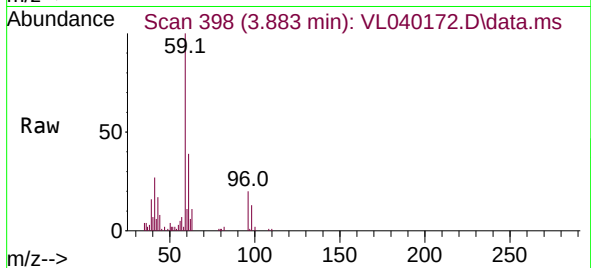
Tgt Ion: 59 Resp: 6363
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

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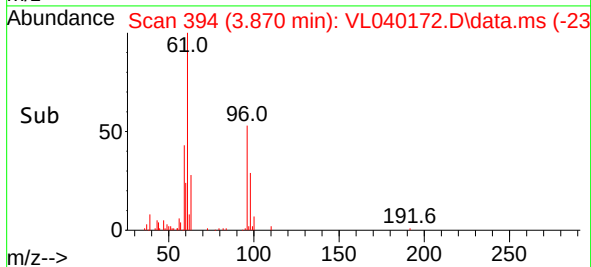
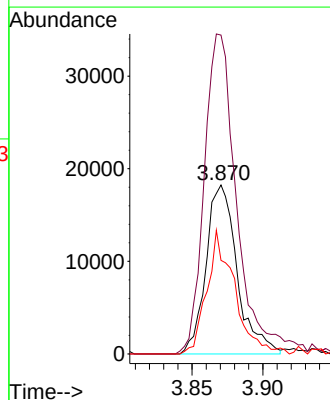
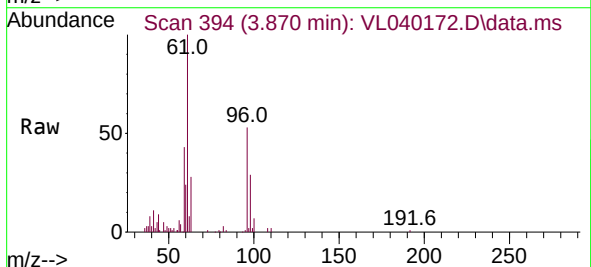
02/16/2023
Supervised By :Mahesh
Dadoda

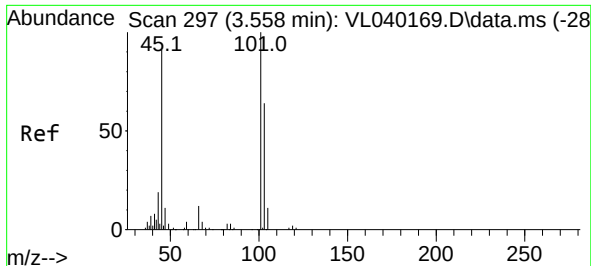
02/18/2023



#18
1,1-Dichloroethene
Concen: 0.501 ppbv
RT: 3.870 min Scan# 394
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 96 Resp: 27901
Ion Ratio Lower Upper
96 100
61 187.0 149.6 224.4
98 55.3 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.592 ppbv m

RT: 3.578 min Scan# 303

Delta R.T. 0.019 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 45 Resp: 33824
 Ion Ratio Lower Upper
 45 100
 58 6.4 2.6 3.8

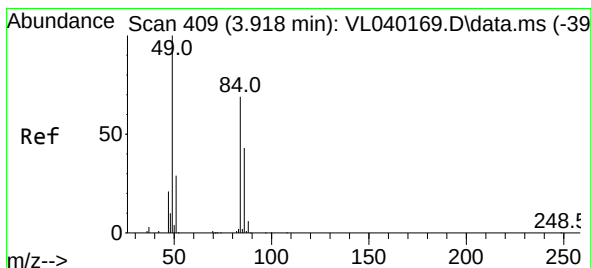
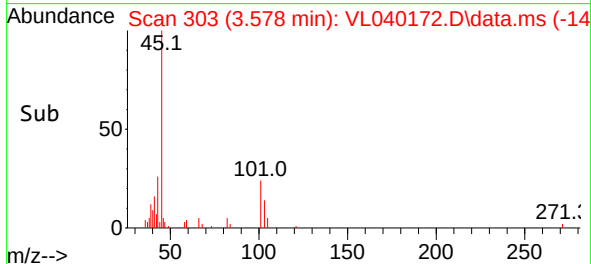
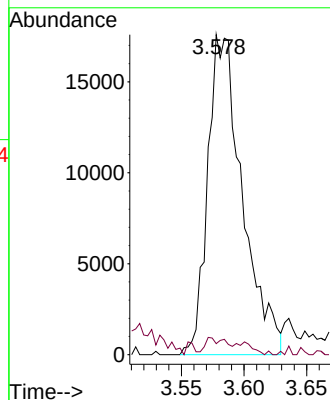
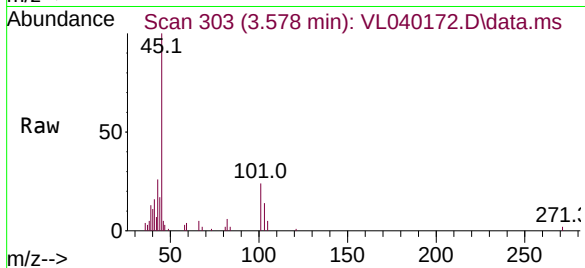
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 Dadoda

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#20

Methylene Chloride

Concen: 0.765 ppbv

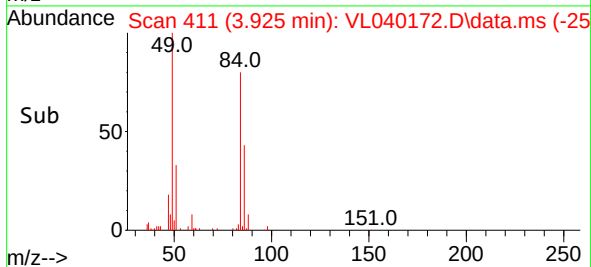
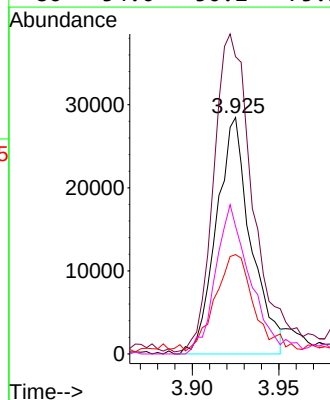
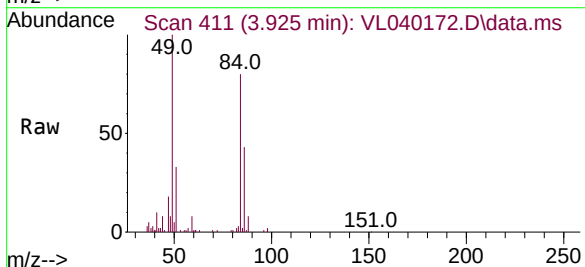
RT: 3.925 min Scan# 411

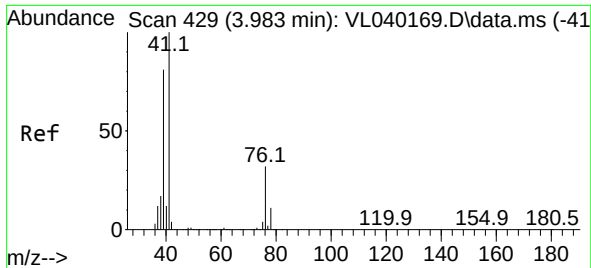
Delta R.T. 0.007 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

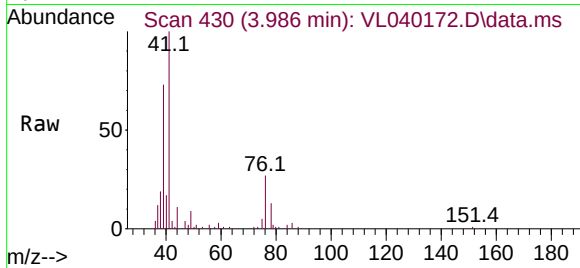
Tgt Ion: 84 Resp: 39409
 Ion Ratio Lower Upper
 84 100
 49 124.4 115.5 173.3
 51 38.0 33.1 49.7
 86 54.0 50.2 75.2





#21
 Allyl Chloride
 Concen: 0.466 ppbv
 RT: 3.986 min Scan# 411
 Delta R.T. 0.003 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



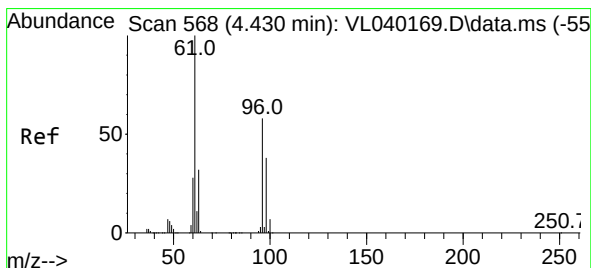
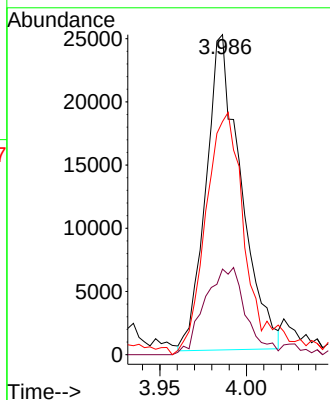
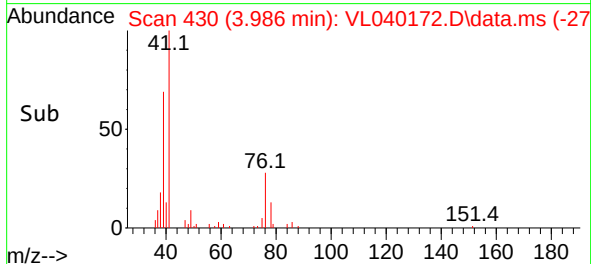
Tgt Ion: 41 Resp: 3494
 Ion Ratio Lower Upper
 41 100
 76 34.5 25.5 38.3
 39 89.4 64.5 96.7

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 Yesilyurt

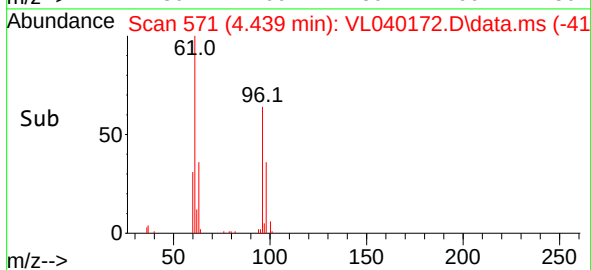
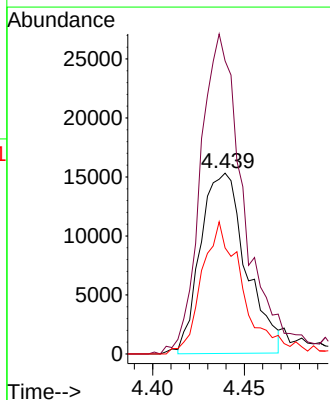
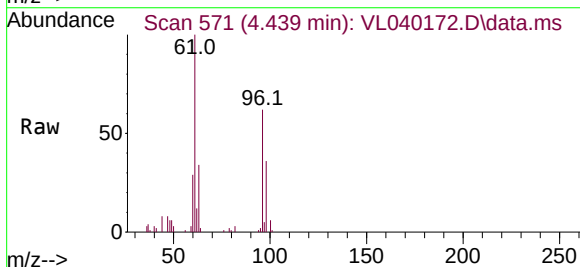
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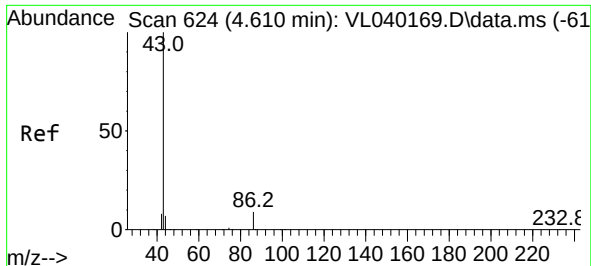
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#22
 trans-1,2-Dichloroethene
 Concen: 0.464 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.010 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

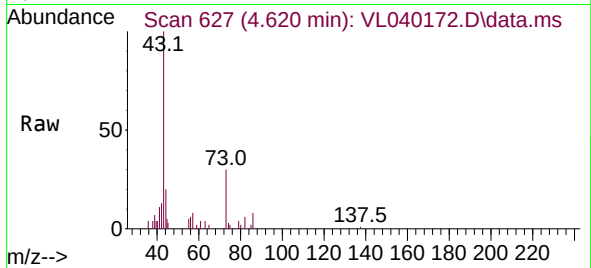
Tgt Ion: 96 Resp: 26376
 Ion Ratio Lower Upper
 96 100
 61 157.8 137.5 206.3
 98 57.0 52.8 79.2





#23
 Vinyl Acetate
 Concen: 0.463 ppbv m
 RT: 4.620 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



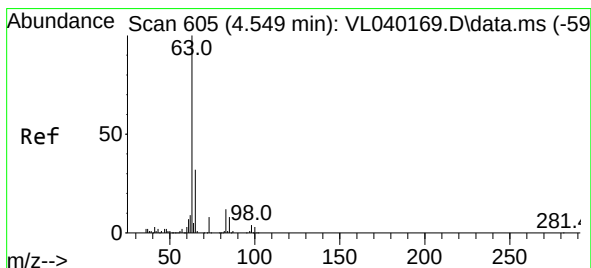
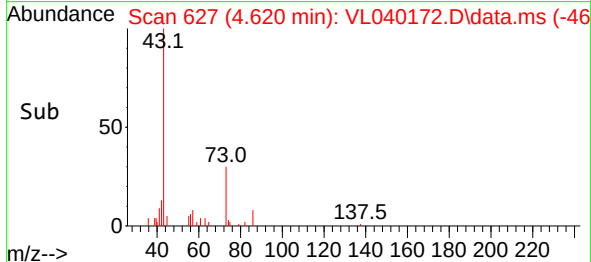
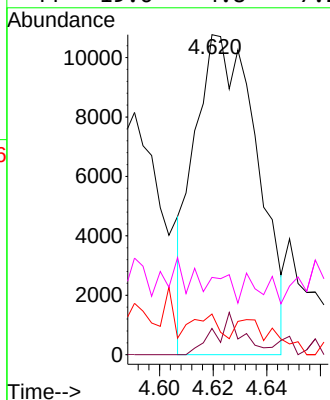
Tgt Ion: 43	Resp: 17510
Ion Ratio	Lower Upper
43 100	
86 8.2	5.6 8.4
42 12.7	7.6 11.4
44 19.6	4.8 7.2

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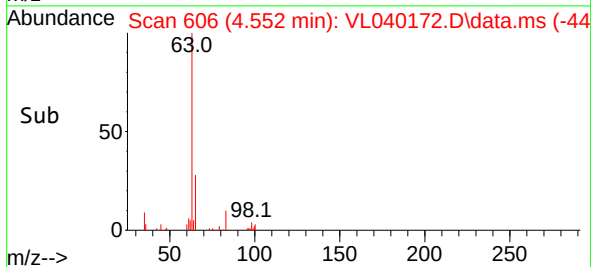
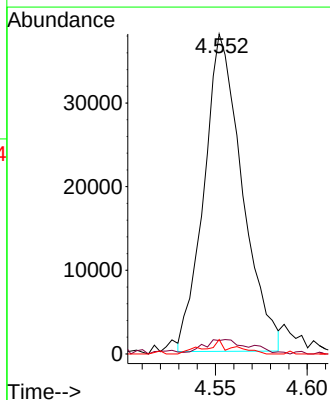
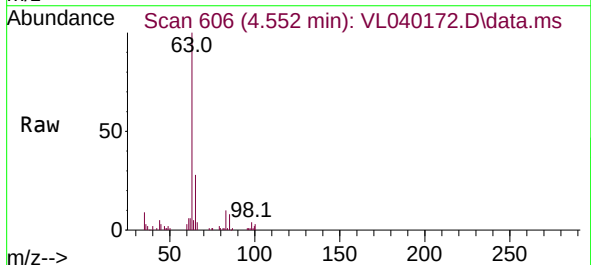
02/16/2023
 Supervised By :Mahesh
 Dadoda

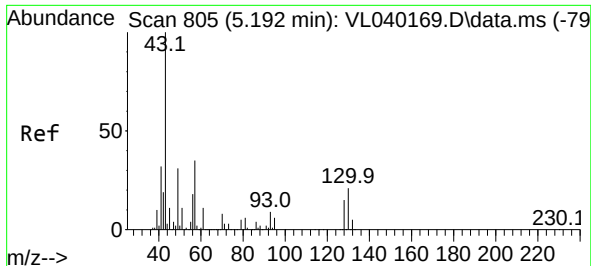
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#24
 1,1-Dichloroethane
 Concen: 0.480 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

Tgt Ion: 63	Resp: 55007
Ion Ratio	Lower Upper
63 100	
98 3.7	2.3 6.8
100 4.7	1.4 4.0#





#25

Ethyl Acetate

Concen: 0.554 ppbv

RT: 5.205 min Scan# 805

Delta R.T. 0.013 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 43 Resp: 11392

Ion Ratio Lower Upper

43 100

45 10.6 8.3 12.5

61 11.0 8.4 12.6

70 7.1 6.1 9.1

Manual Integrations

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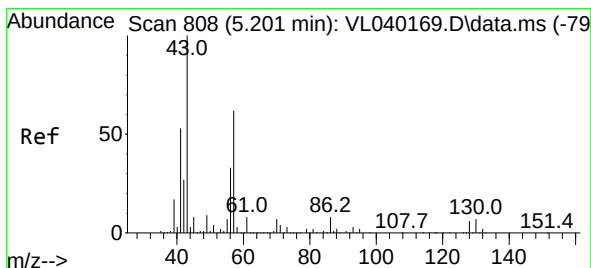
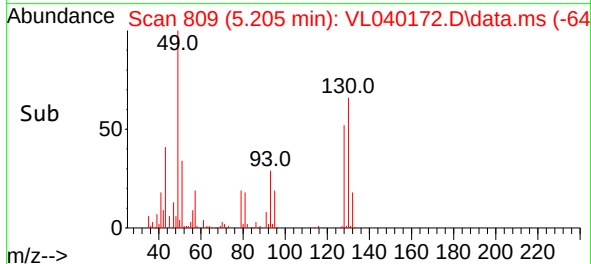
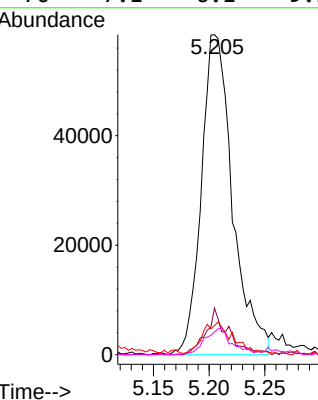
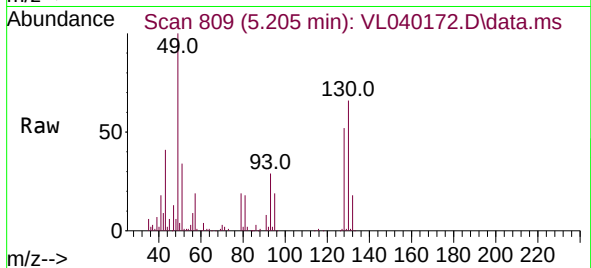
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#26

Hexane

Concen: 0.541 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.007 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Tgt Ion: 57 Resp: 48668

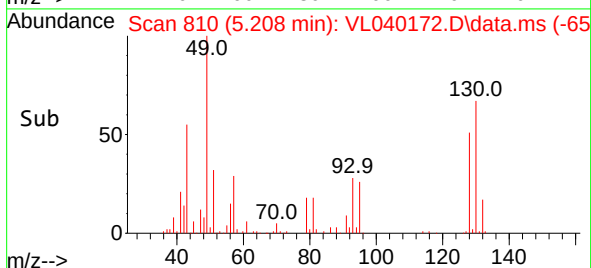
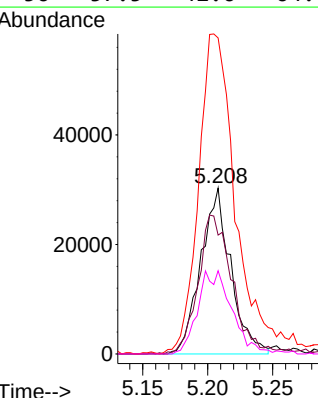
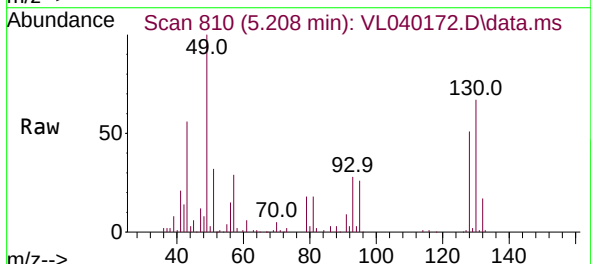
Ion Ratio Lower Upper

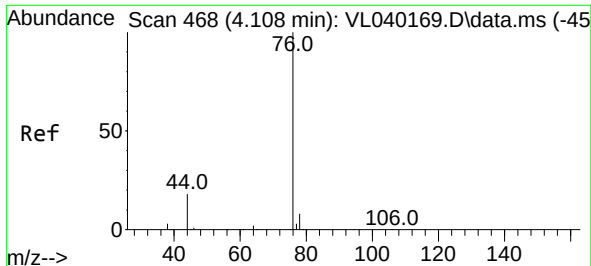
57 100

41 97.3 74.3 111.5

43 247.7 193.0 289.4

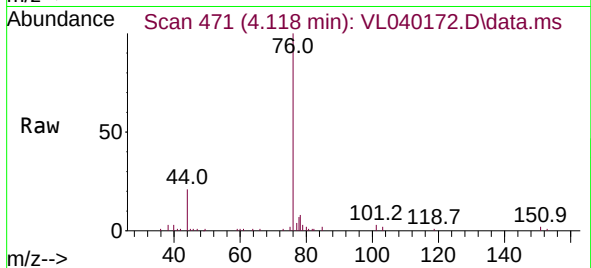
56 57.5 42.6 64.0





#27
Carbon Disulfide
Concen: 0.451 ppbv
RT: 4.118 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



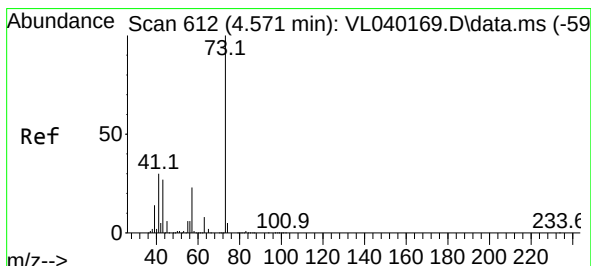
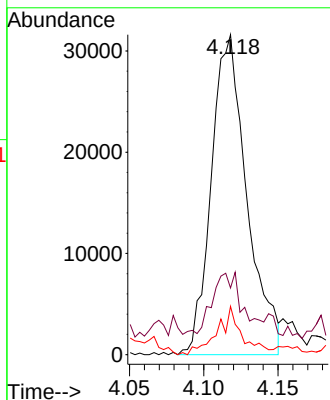
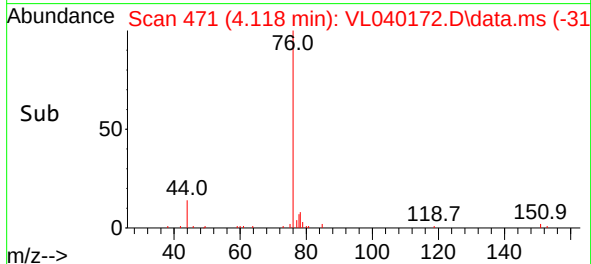
Tgt Ion: 76 Resp: 5262
Ion Ratio Lower Upper
76 100
44 23.4 15.3 22.9
78 13.7 7.7 11.5

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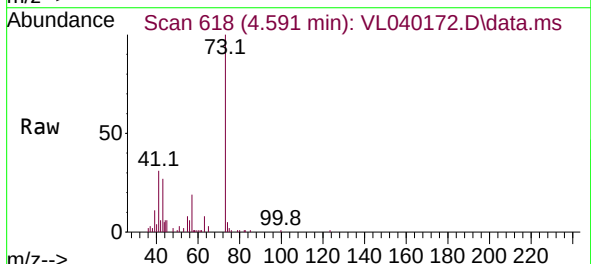
Reviewed By :Semsettin
Yesilyurt

02/16/2023
Supervised By :Mahesh
Dadoda

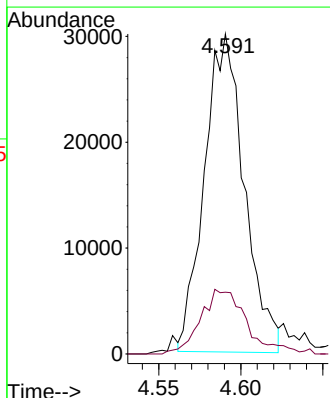
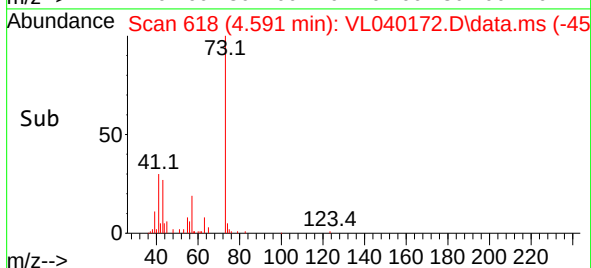
02/18/2023

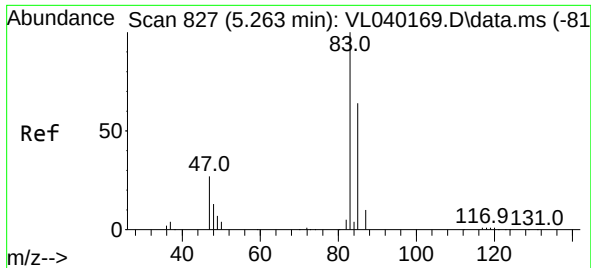


#28
Methyl tert-Butyl Ether
Concen: 0.502 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.019 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23



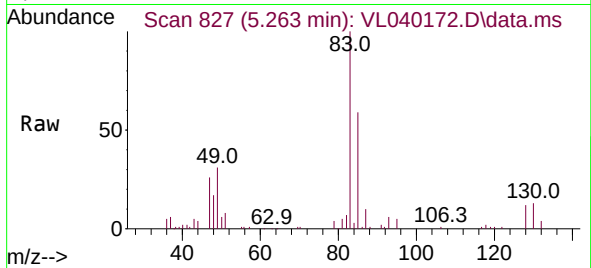
Tgt Ion: 73 Resp: 50860
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2





#29
Chloroform
Concen: 0.591 ppbv
RT: 5.263 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



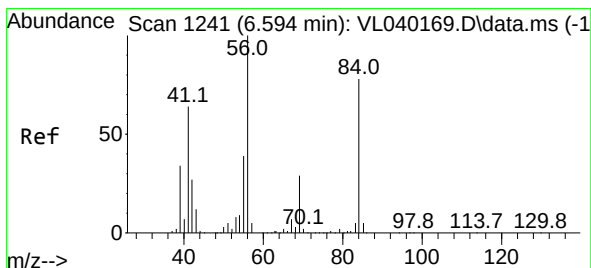
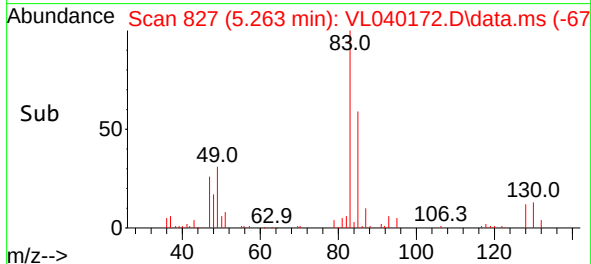
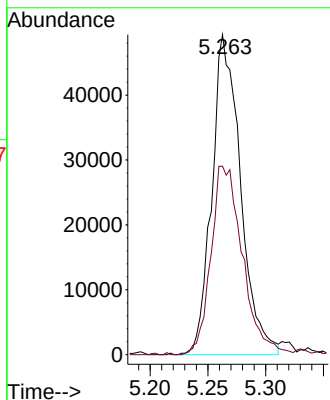
Tgt Ion: 83 Resp: 85072
Ion Ratio Lower Upper
83 100
85 58.9 51.5 77.3

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

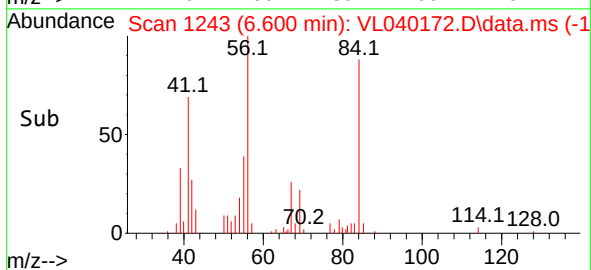
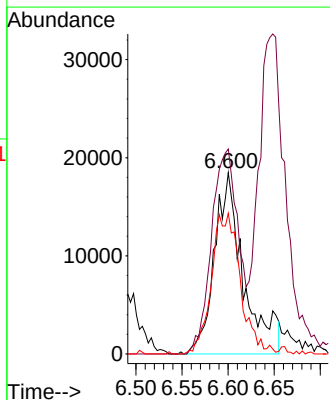
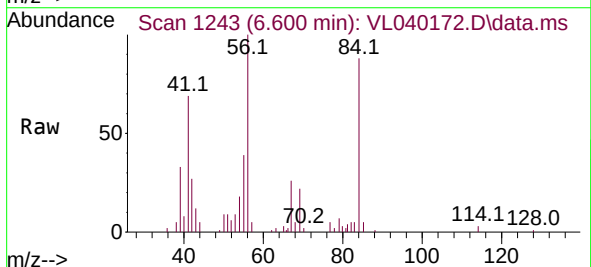
02/16/2023
Supervised By :Mahesh
Dadoda

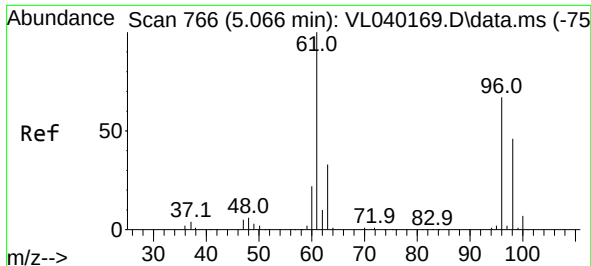
02/18/2023



#30
Cyclohexane
Concen: 0.564 ppbv m
RT: 6.600 min Scan# 1243
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

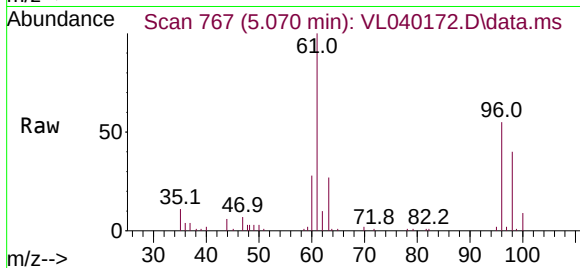
Tgt Ion: 84 Resp: 40387
Ion Ratio Lower Upper
84 100
56 104.0 109.9 164.9#
41 78.5 67.8 101.6





#31
cis-1,2-Dichloroethene
Concen: 0.534 ppbv m
RT: 5.070 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



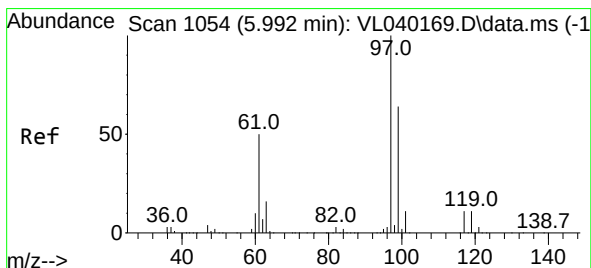
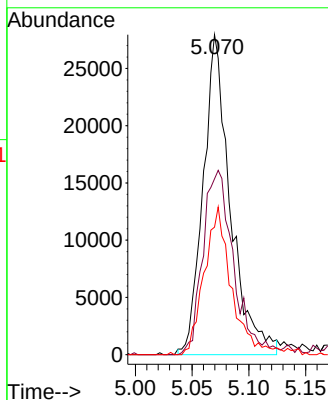
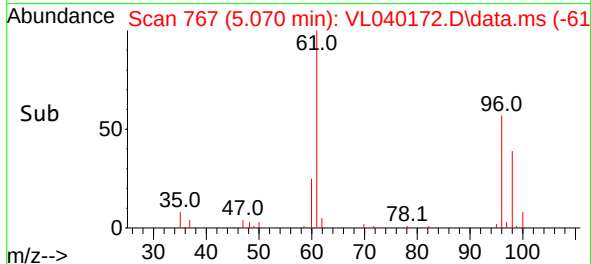
Tgt Ion: 61 Resp: 46524
Ion Ratio Lower Upper
61 100
96 54.9 53.7 80.5
98 39.8 36.4 54.6

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Reviewed By :Semsettin
Yesilyurt

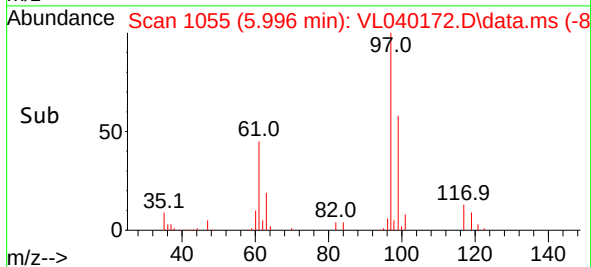
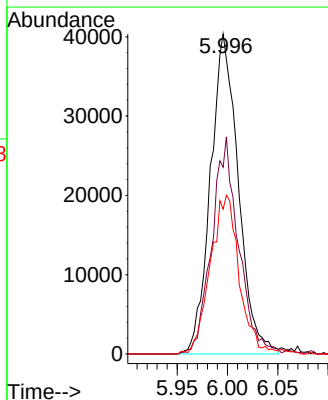
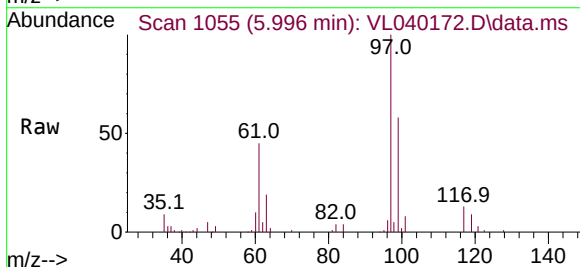
02/16/2023
Supervised By :Mahesh
Dadoda

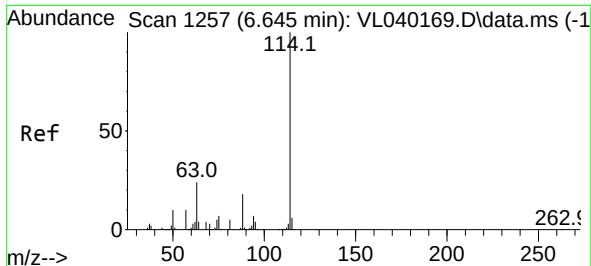
02/18/2023



#32
1,1,1-Trichloroethane
Concen: 0.531 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 97 Resp: 77698
Ion Ratio Lower Upper
97 100
99 65.5 51.5 77.3
61 51.9 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.648 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040172.D

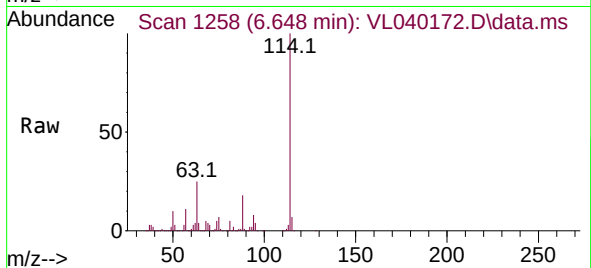
Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:114 Resp: 257854

Ion Ratio Lower Upper

114 100

63 25.3 20.4 30.6

88 18.3 14.3 21.5

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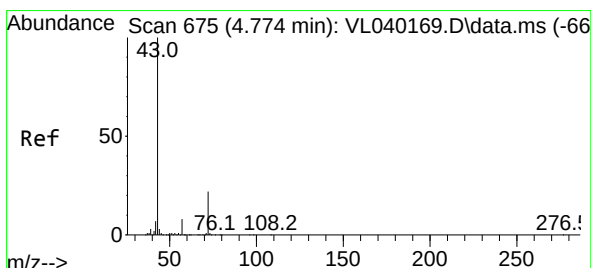
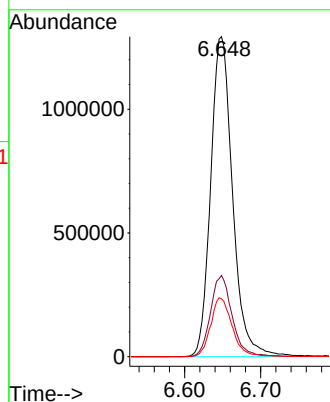
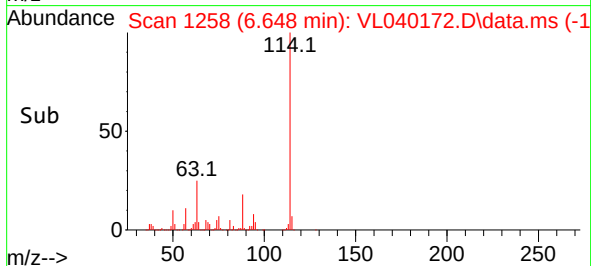
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#34

2-Butanone

Concen: 0.501 ppbv m

RT: 4.787 min Scan# 679

Delta R.T. 0.013 min

Lab File: VL040172.D

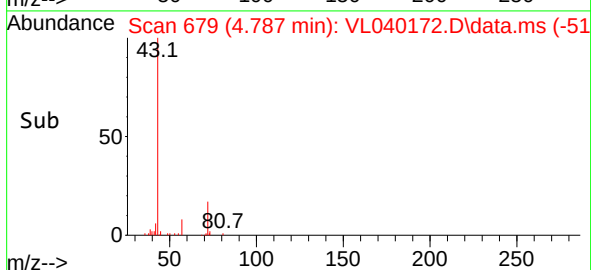
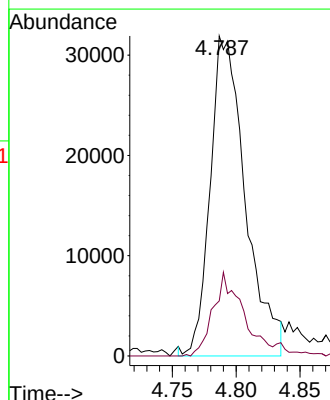
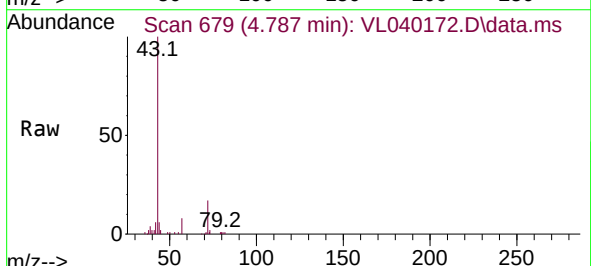
Acq: 15 Feb 2023 12:23

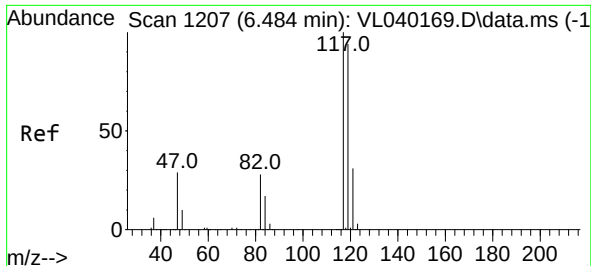
Tgt Ion: 43 Resp: 61077

Ion Ratio Lower Upper

43 100

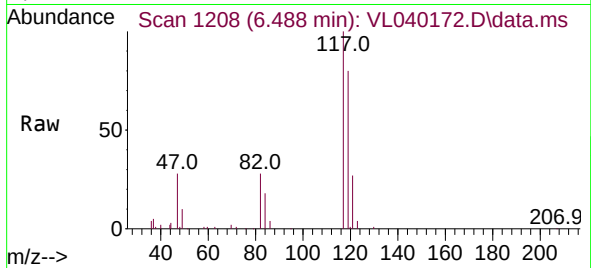
72 24.0 17.8 26.8





#35
Carbon Tetrachloride
Concen: 0.524 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



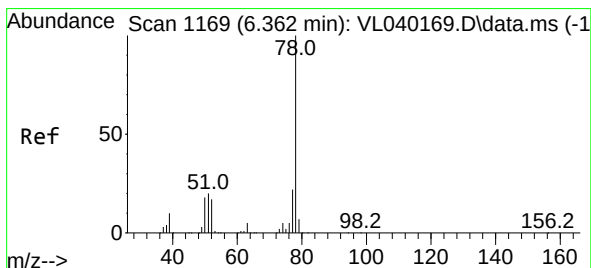
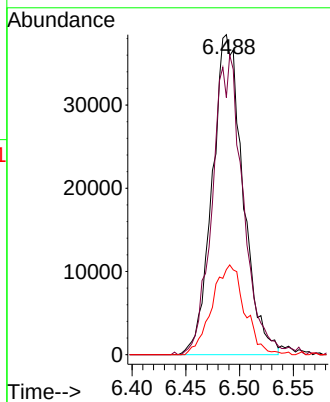
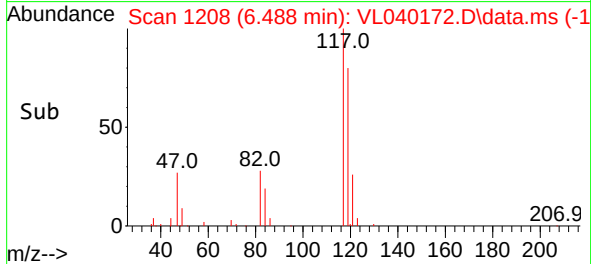
Tgt Ion: 117 Resp: 76338
Ion Ratio Lower Upper
117 100
119 80.3 75.0 112.6
121 26.6 25.0 37.4

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Reviewed By : Semsettin
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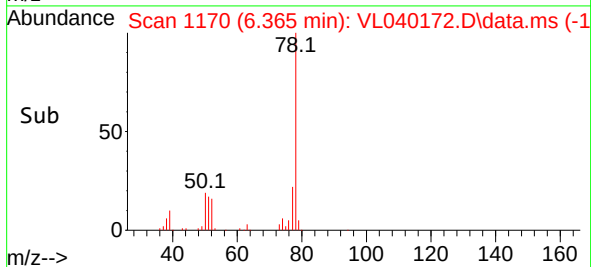
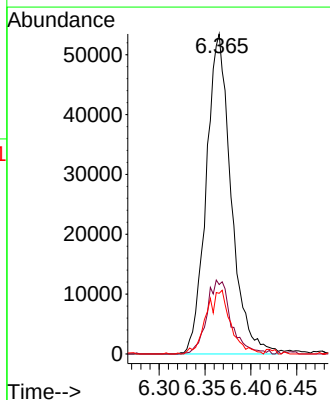
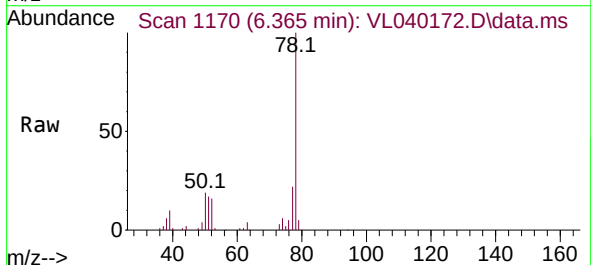
02/16/2023
Supervised By : Mahesh
Dadoda

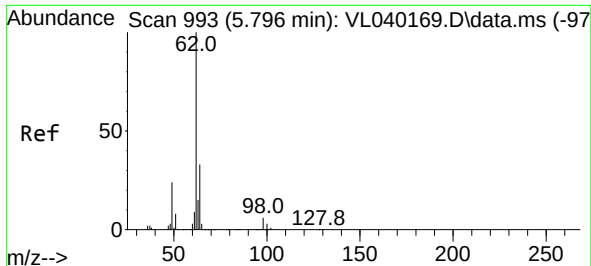
02/18/2023



#36
Benzene
Concen: 0.529 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 78 Resp: 100994
Ion Ratio Lower Upper
78 100
77 21.7 17.5 26.3
50 18.9 14.6 22.0





#37

1,2-Dichloroethane

Concen: 0.491 ppbv

RT: 5.800 min Scan# 993

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 62 Resp: 60225

Ion Ratio Lower Upper

62 100

98 6.6 4.7 7.1

Manual Integrations

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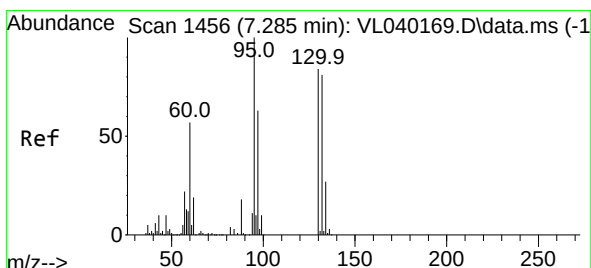
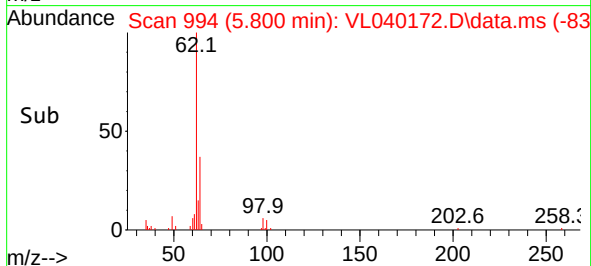
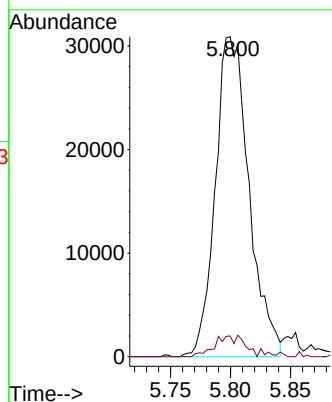
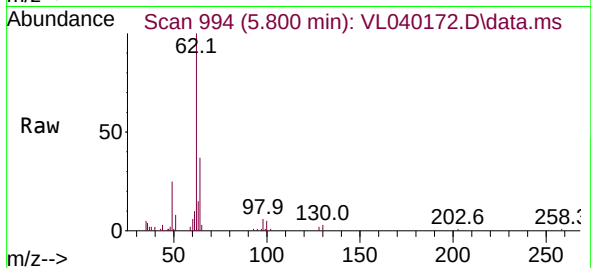
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#38

Trichloroethene

Concen: 0.484 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Tgt Ion:130 Resp: 52375

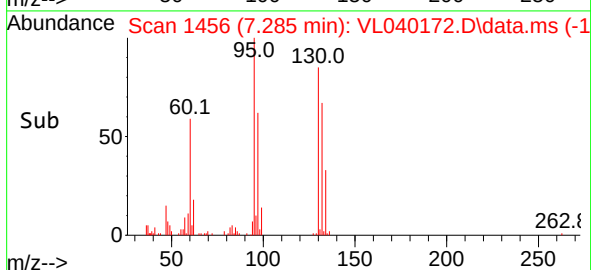
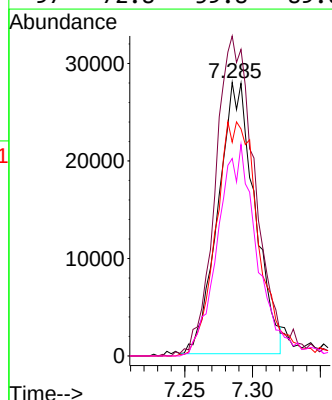
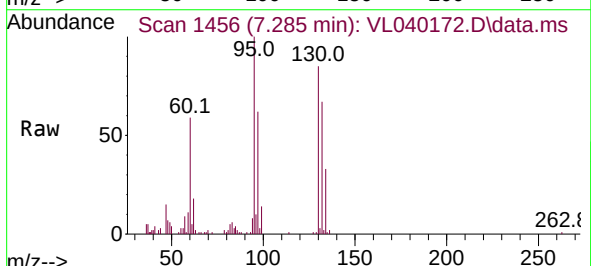
Ion Ratio Lower Upper

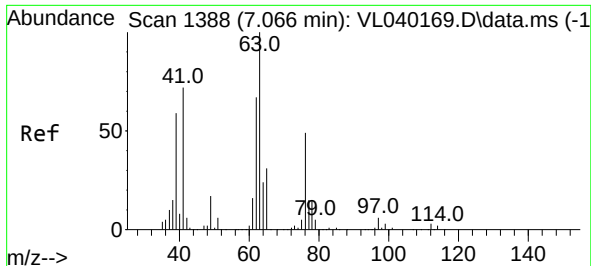
130 100

95 117.1 94.7 142.1

132 78.2 76.4 114.6

97 72.8 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.525 ppbv m

RT: 7.073 min Scan# 1466

Delta R.T. 0.007 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 63	Resp: 3920
Ion Ratio	Lower Upper
63 100	
41 84.9	57.6 86.4
62 58.2	54.0 81.0

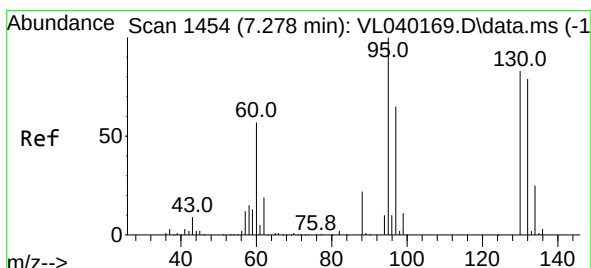
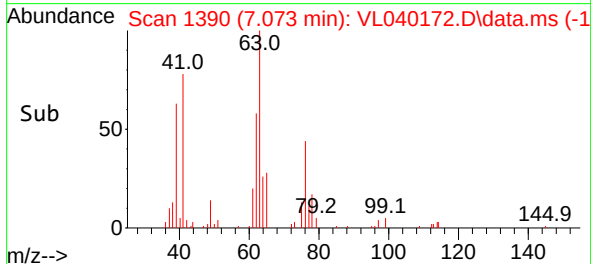
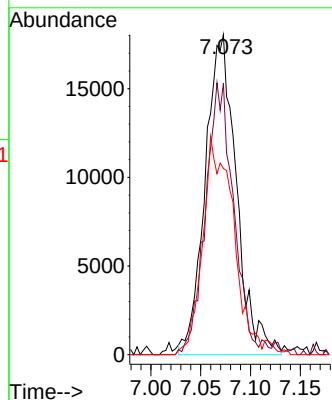
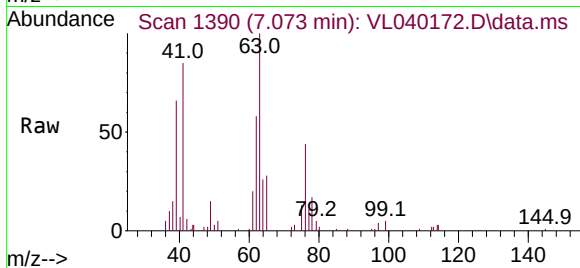
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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#40

1,4-Dioxane

Concen: 0.543 ppbv m

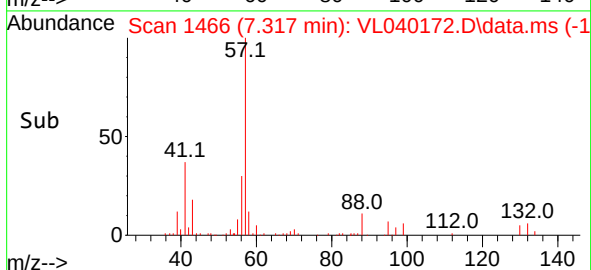
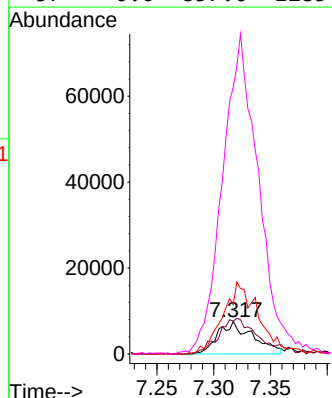
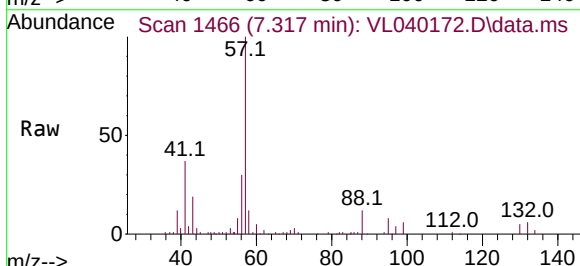
RT: 7.317 min Scan# 1466

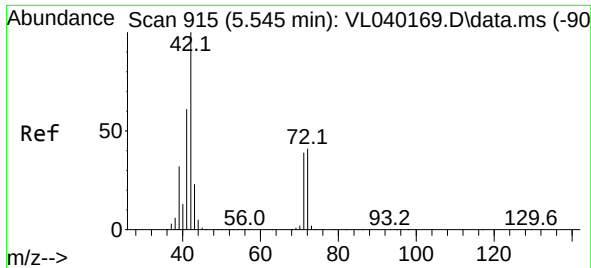
Delta R.T. 0.039 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Tgt Ion: 88	Resp: 16078
Ion Ratio	Lower Upper
88 100	
58 0.0	97.4 146.0#
43 0.0	193.5 290.3#
57 0.0	857.0 1285.6#





#41

Tetrahydrofuran

Concen: 0.555 ppbv m

RT: 5.568 min Scan# 915

Delta R.T. 0.023 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 42	Resp: 39079
Ion Ratio	Lower Upper
42 100	
72 0.0	33.0 49.4
71 0.0	31.4 47.2

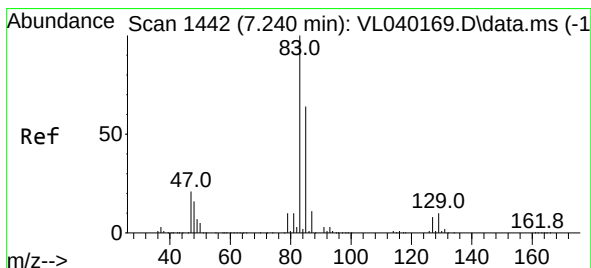
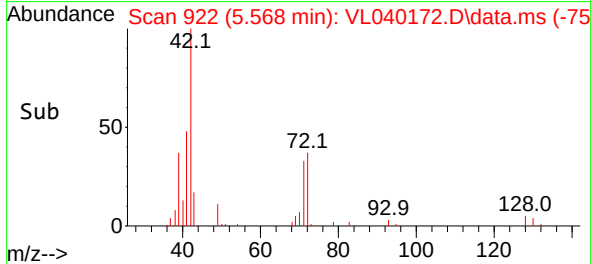
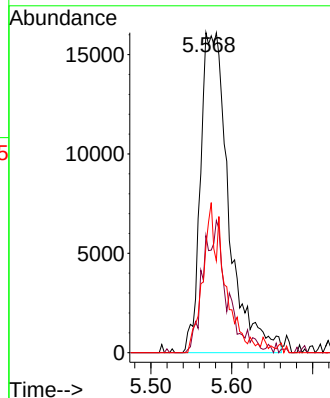
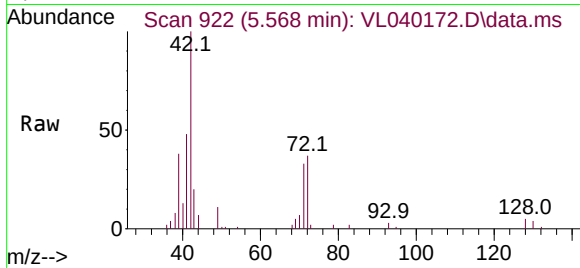
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

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#42

Bromodichloromethane

Concen: 0.470 ppbv

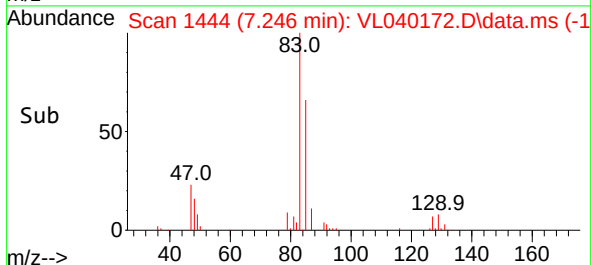
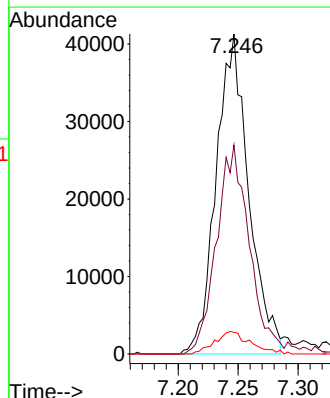
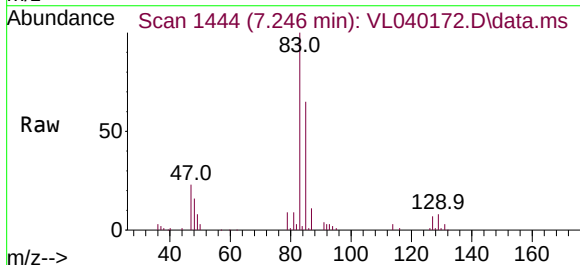
RT: 7.246 min Scan# 1444

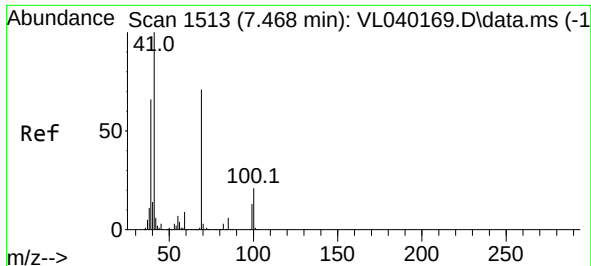
Delta R.T. 0.007 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Tgt Ion: 83	Resp: 77833
Ion Ratio	Lower Upper
83 100	
85 65.3	50.9 76.3
127 6.7	6.2 9.2





#43
Methyl Methacrylate
Concen: 0.479 ppbv
RT: 7.484 min Scan# 1513
Delta R.T. 0.016 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

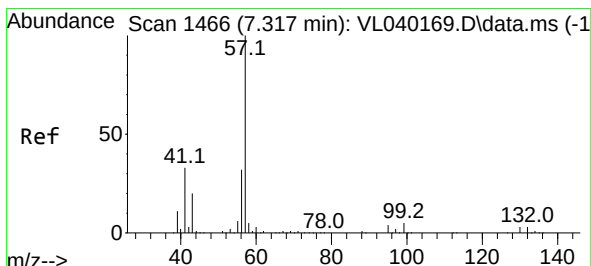
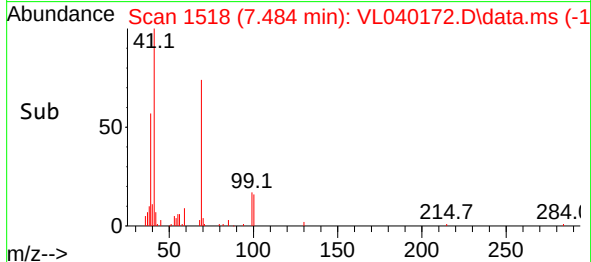
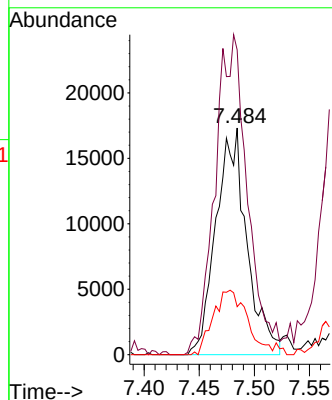
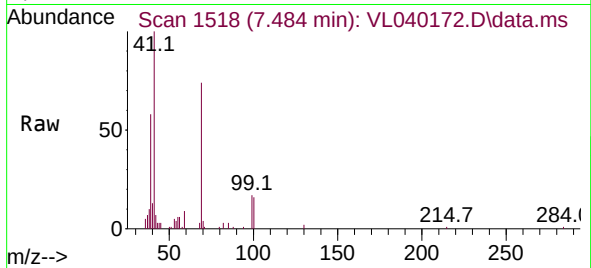
Tgt Ion: 69 Resp: 33530
Ion Ratio Lower Upper
69 100
41 0.0 116.6 174.8
100 0.0 25.6 38.4

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

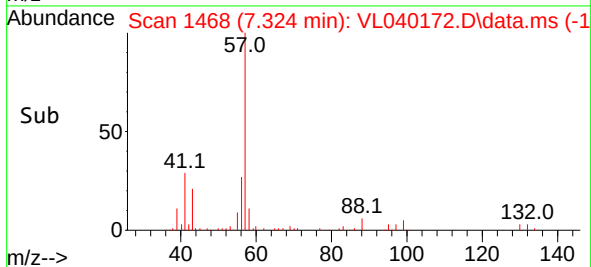
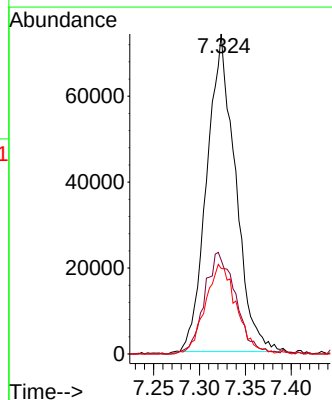
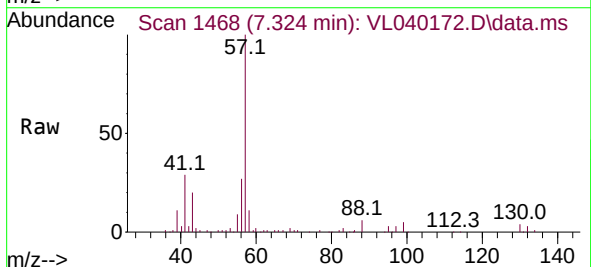
02/16/2023
Supervised By :Mahesh
Dadoda

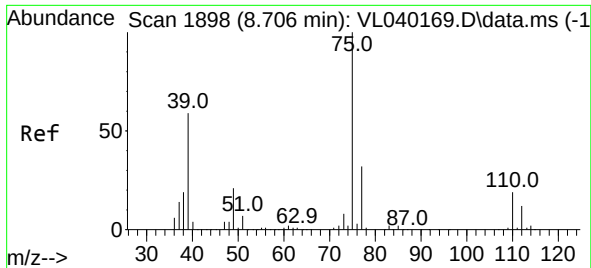
02/18/2023



#44
2,2,4-Trimethylpentane
Concen: 0.504 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

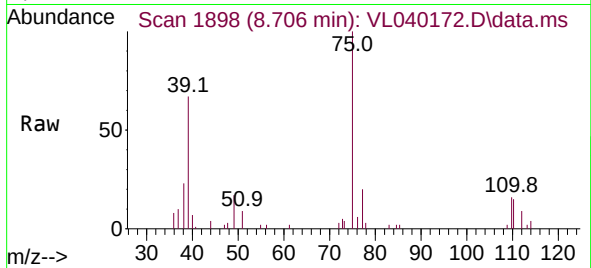
Tgt Ion: 57 Resp: 159922
Ion Ratio Lower Upper
57 100
41 35.5 26.2 39.4
56 31.3 24.9 37.3





#45
t-1,3-Dichloropropene
Concen: 0.416 ppbv m
RT: 8.706 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



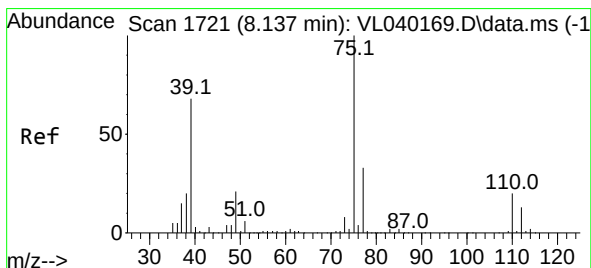
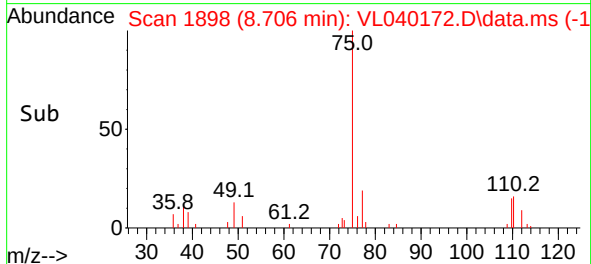
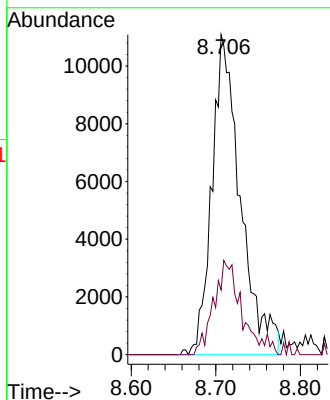
Tgt Ion: 75 Resp: 2597
Ion Ratio Lower Upper
75 100
77 20.2 25.7 38.5

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

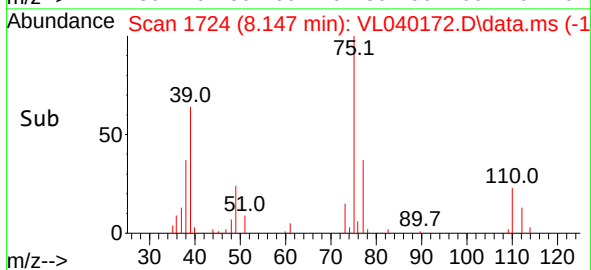
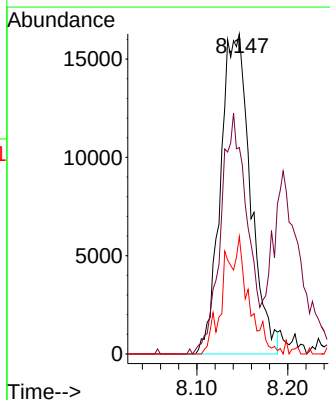
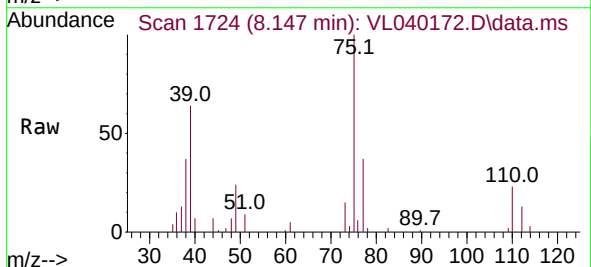
02/16/2023
Supervised By :Mahesh
Dadoda

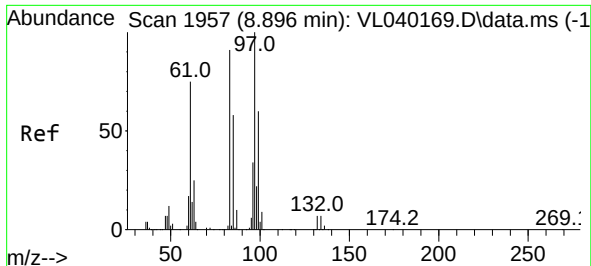
02/18/2023



#46
cis-1,3-Dichloropropene
Concen: 0.437 ppbv m
RT: 8.147 min Scan# 1724
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 75 Resp: 37246
Ion Ratio Lower Upper
75 100
39 64.5 54.2 81.2
77 36.7 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 0.539 ppbv

RT: 8.899 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 4237

Ion Ratio Lower Upper

97 100

83 90.0 72.8 109.2

85 52.6 46.6 69.8

99 56.6 47.8 71.6

Manual Integrations

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Reviewed By :Semsettin

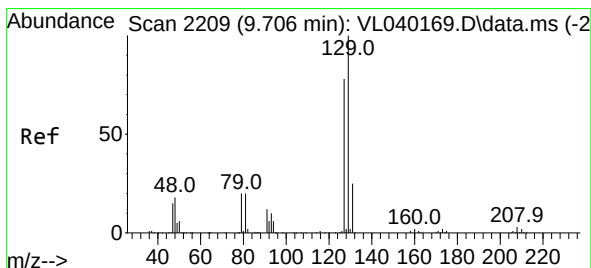
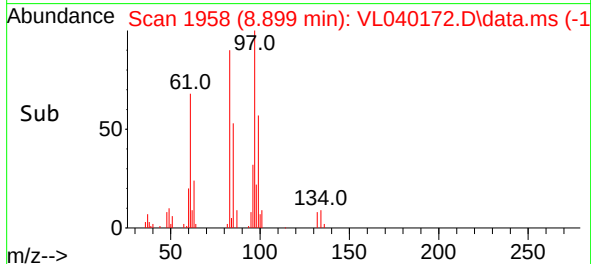
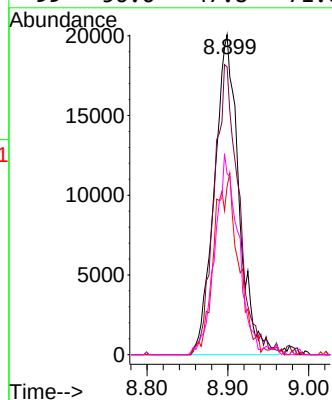
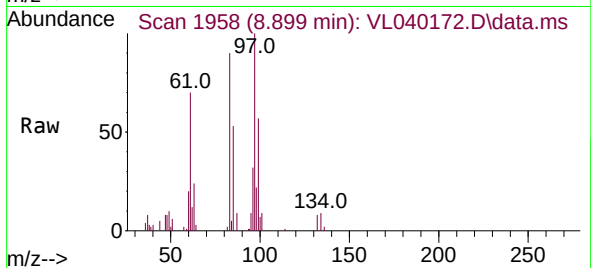
Yesilyurt

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Dadoda

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#48

Dibromochloromethane

Concen: 0.453 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VL040172.D

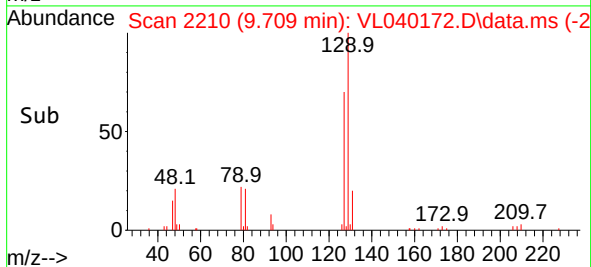
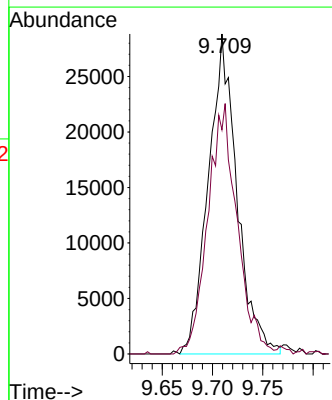
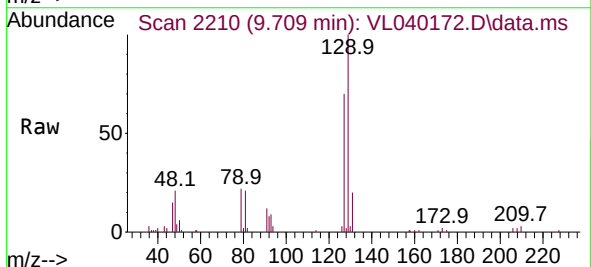
Acq: 15 Feb 2023 12:23

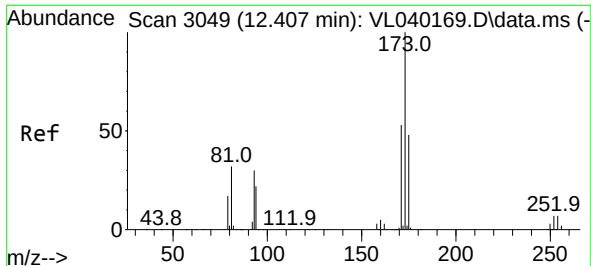
Tgt Ion:129 Resp: 57184

Ion Ratio Lower Upper

129 100

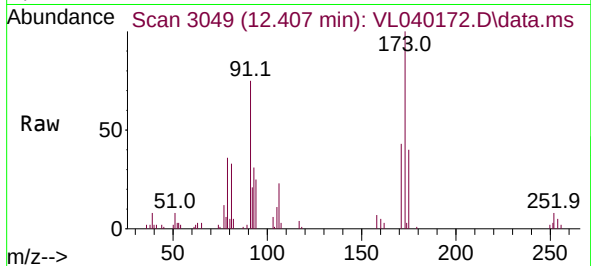
127 80.7 39.1 117.2





#49
Bromoform
Concen: 0.421 ppbv m
RT: 12.407 min Scan# 3049
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



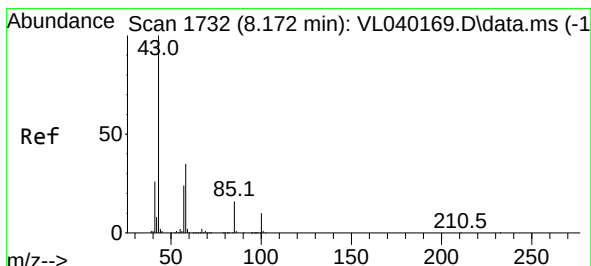
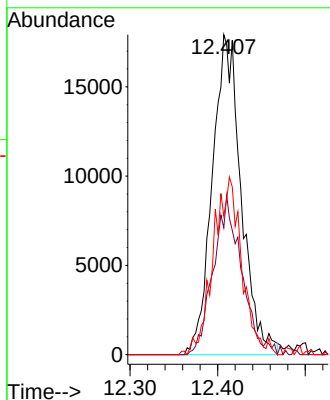
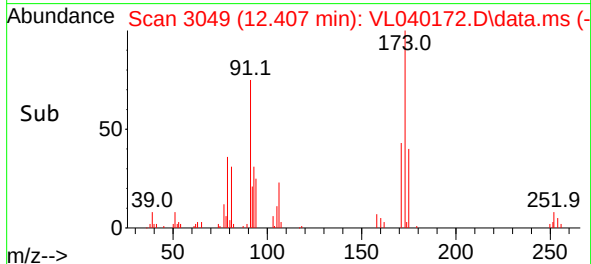
Tgt Ion:173 Resp: 40969
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.0
171 55.0 41.8 62.6

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

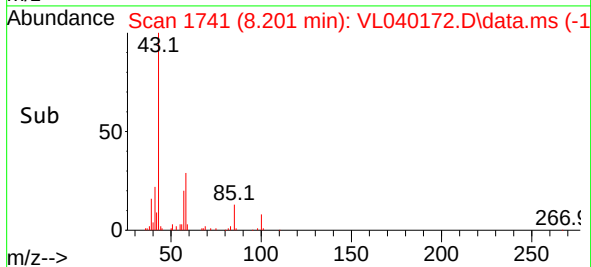
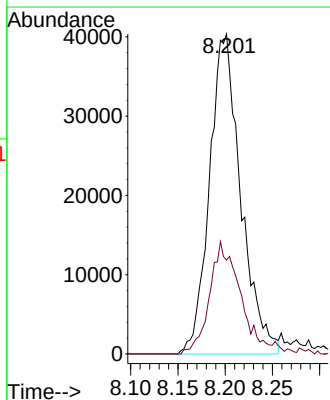
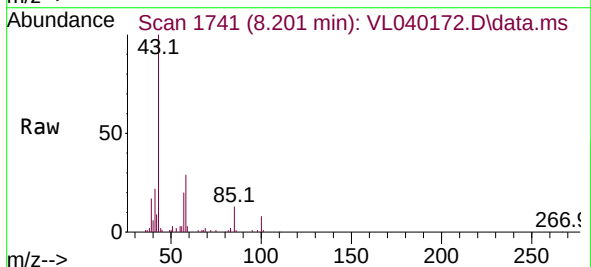
02/16/2023
Supervised By :Mahesh
Dadoda

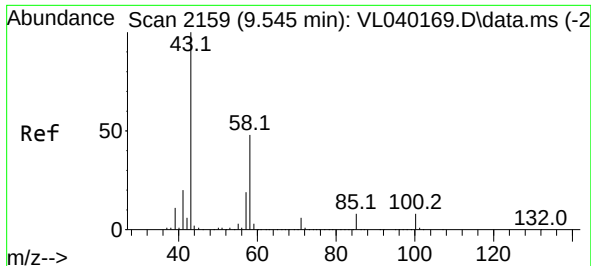
02/18/2023



#50
4-Methyl-2-Pentanone
Concen: 0.485 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.029 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

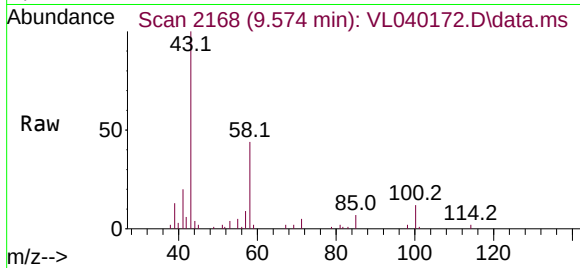
Tgt Ion: 43 Resp: 92970
Ion Ratio Lower Upper
43 100
58 35.9 29.2 43.8





#51
2-Hexanone
Concen: 0.451 ppbv m
RT: 9.574 min Scan# 2159
Delta R.T. 0.029 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



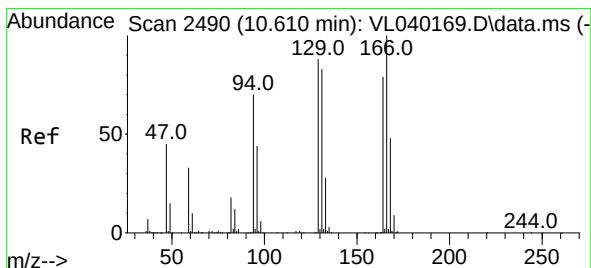
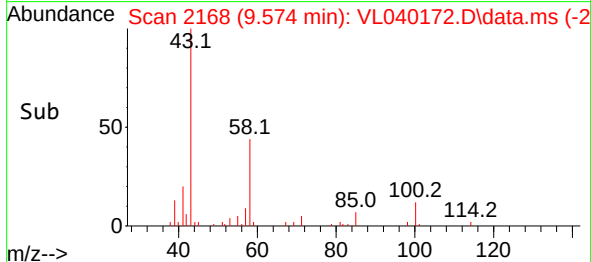
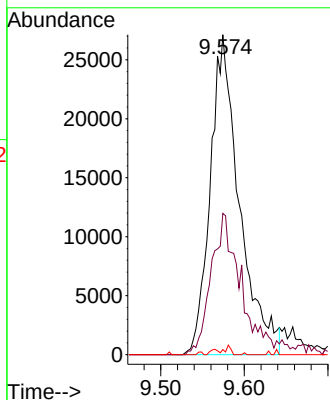
Tgt Ion: 43 Resp: 65604
Ion Ratio Lower Upper
43 100
58 48.2 39.1 58.7
98 1.2 0.2 0.4

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Yesilyurt

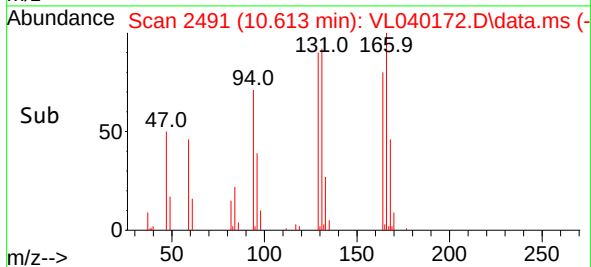
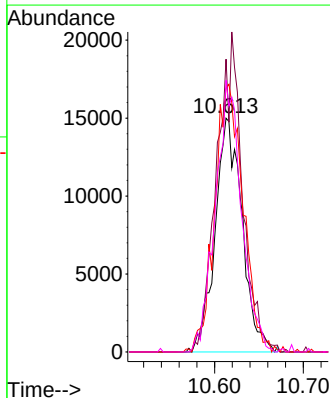
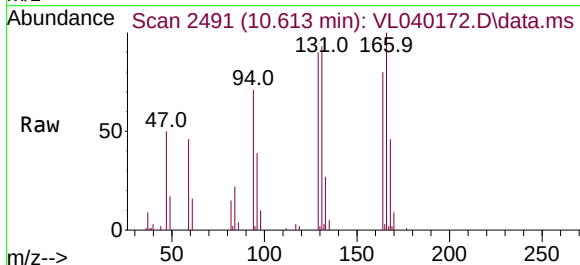
02/16/2023
Supervised By :Mahesh
Dadoda

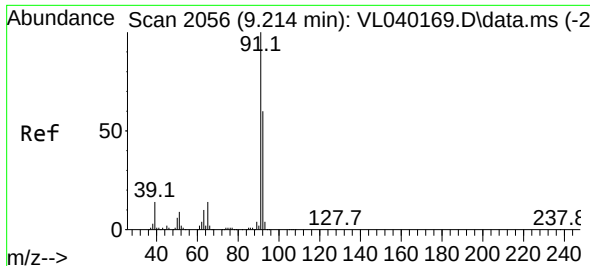
02/18/2023



#52
Tetrachloroethene
Concen: 0.507 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

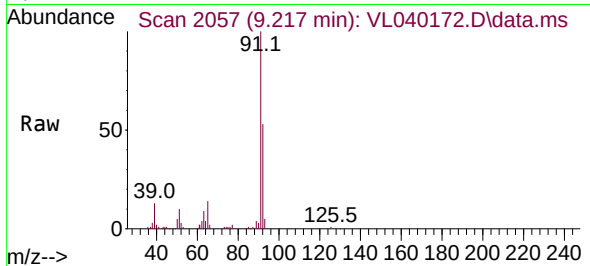
Tgt Ion:164 Resp: 31671
Ion Ratio Lower Upper
164 100
166 125.2 101.5 152.3
129 112.7 89.0 133.4
131 116.2 84.2 126.4





#53
Toluene
Concen: 0.478 ppbv m
RT: 9.217 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



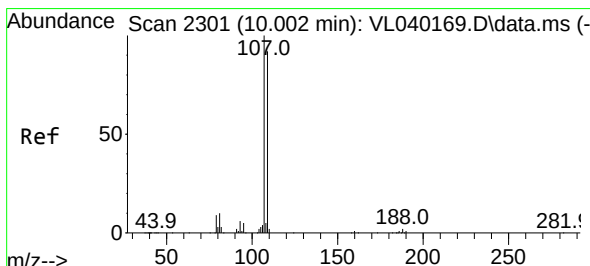
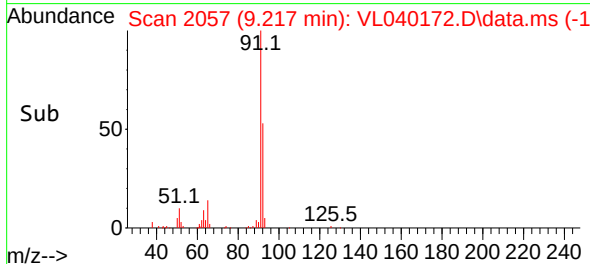
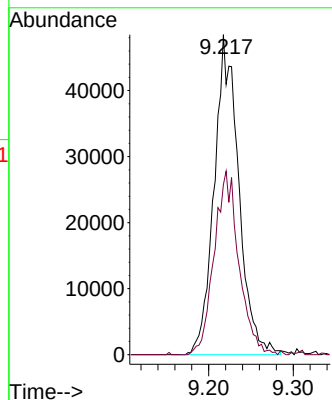
Tgt Ion: 91 Resp: 97217
Ion Ratio Lower Upper
91 100
92 0.0 48.9 73.3

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Yesilyurt

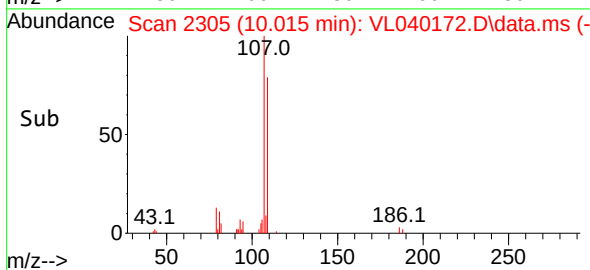
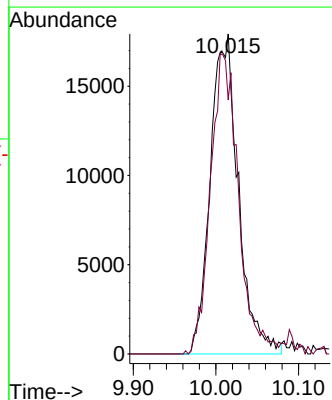
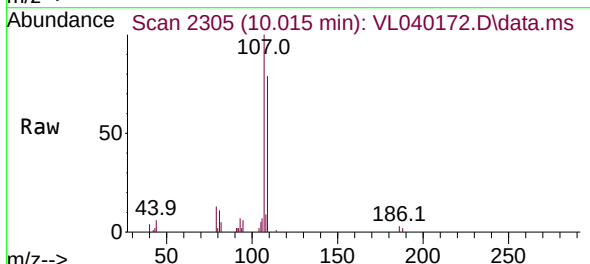
02/16/2023
Supervised By :Mahesh
Dadoda

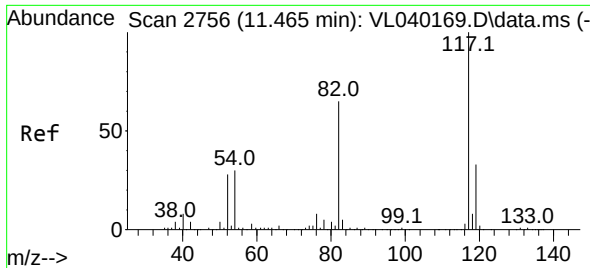
02/18/2023



#54
1,2-Dibromoethane
Concen: 0.511 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. 0.013 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

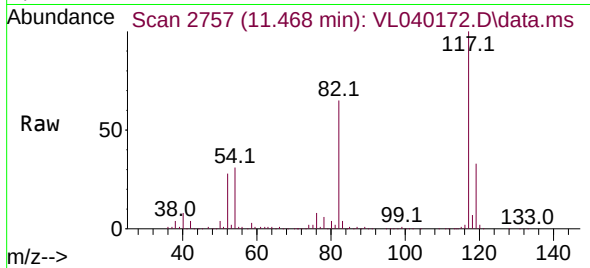
Tgt Ion:107 Resp: 42062
Ion Ratio Lower Upper
107 100
109 79.4 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



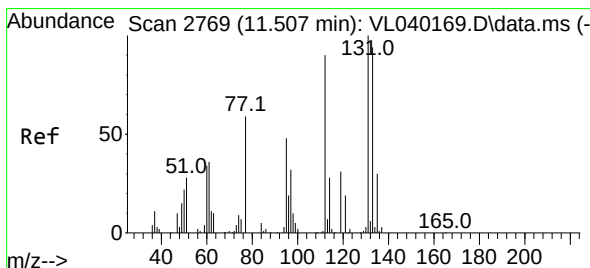
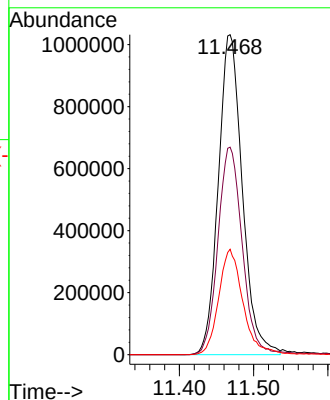
Tgt Ion:117 Resp: 231901
Ion Ratio Lower Upper
117 100
82 66.6 53.3 79.9
119 33.4 24.6 37.0

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Yesilyurt

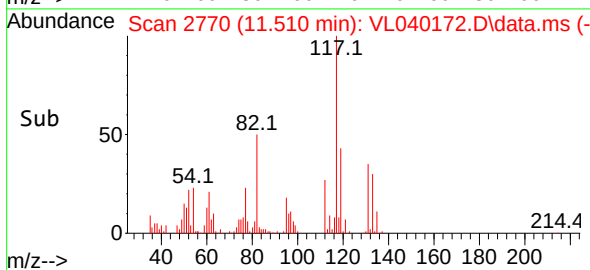
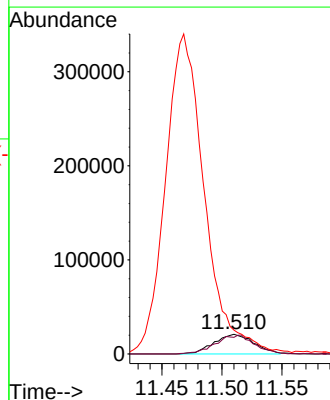
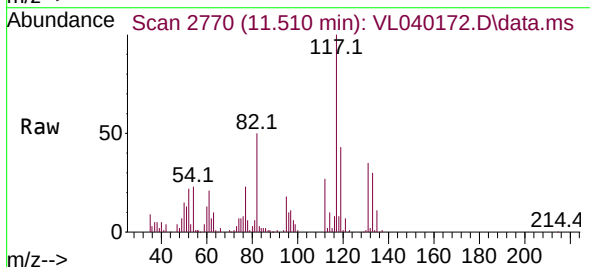
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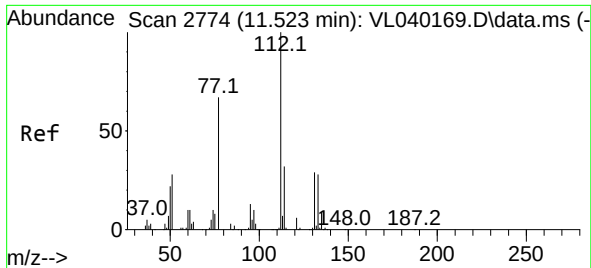
02/18/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.534 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

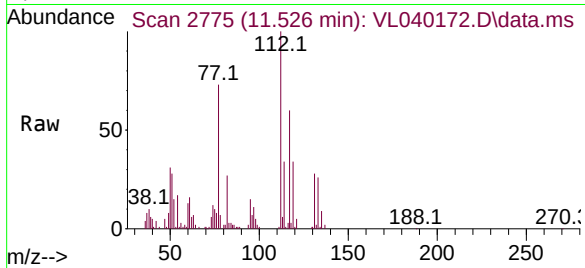
Tgt Ion:131 Resp: 48159
Ion Ratio Lower Upper
131 100
133 93.9 76.2 114.2
119 1608.0 45.4 68.0#





#57
Chlorobenzene
Concen: 0.559 ppbv m
RT: 11.526 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



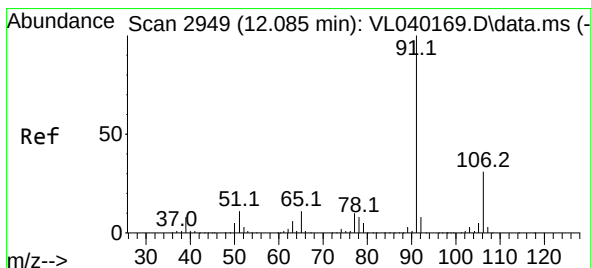
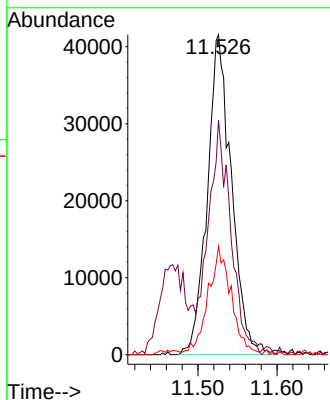
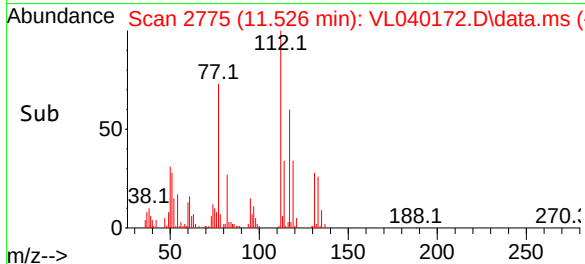
Tgt Ion:112 Resp: 88380
Ion Ratio Lower Upper
112 100
77 73.2 55.0 82.4
114 33.9 29.0 35.4

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

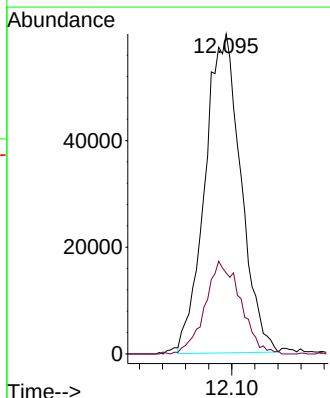
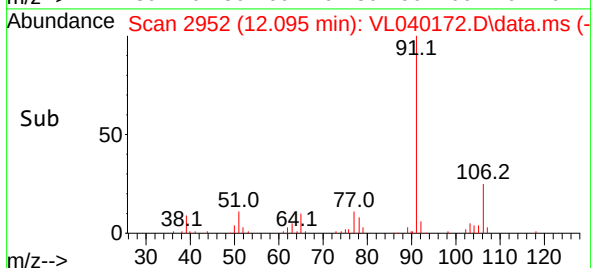
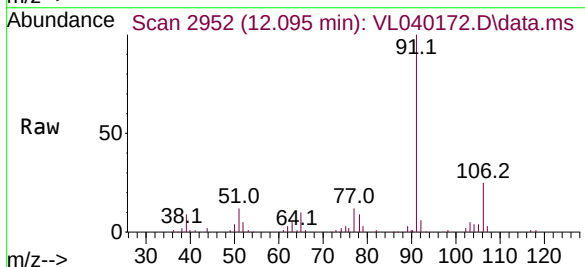
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Supervised By :Mahesh
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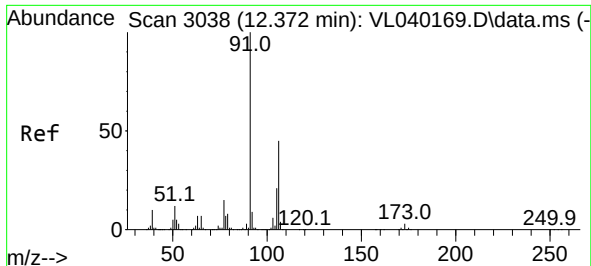
02/18/2023



#58
Ethyl Benzene
Concen: 0.499 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 91 Resp: 129129
Ion Ratio Lower Upper
91 100
106 24.9 24.9 37.3





#59
m/p-Xylene
Concen: 1.004 ppbv m
RT: 12.349 min Scan# 3031
Delta R.T. -0.022 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

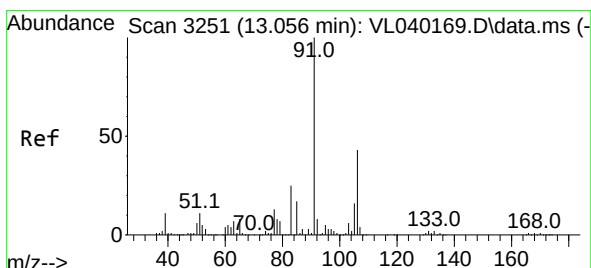
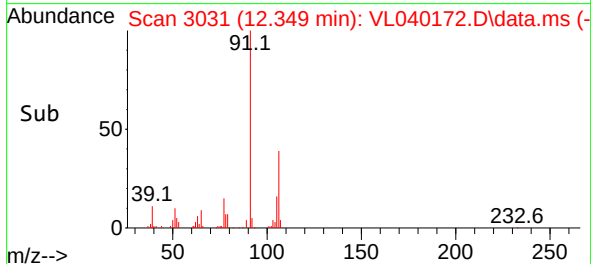
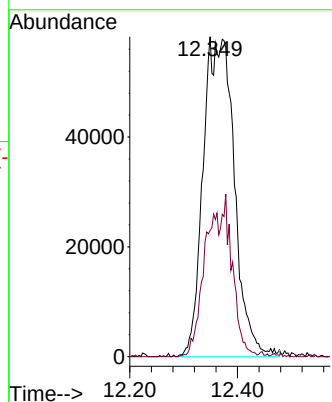
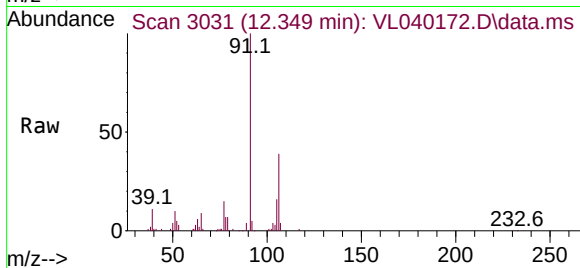
Tgt Ion: 91 Resp: 233562
Ion Ratio Lower Upper
91 100
106 42.5 34.6 51.8

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

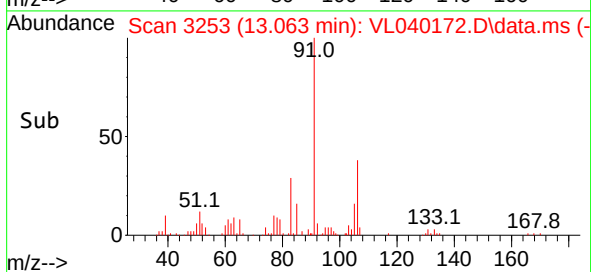
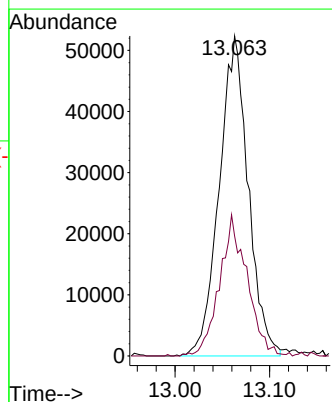
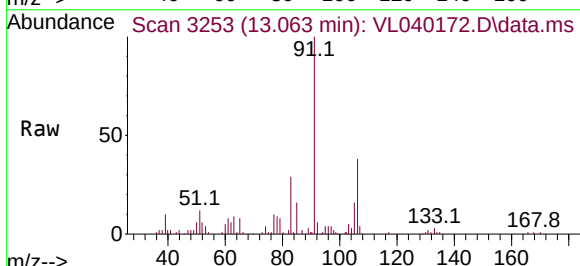
02/16/2023
Supervised By :Mahesh
Dadoda

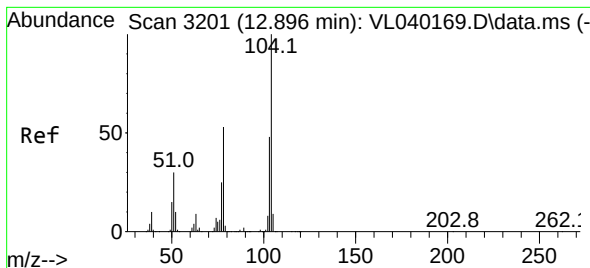
02/18/2023



#60
o-Xylene
Concen: 0.505 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion: 91 Resp: 111477
Ion Ratio Lower Upper
91 100
106 42.5 21.6 65.0





#61

Styrene

Concen: 0.443 ppbv

RT: 12.905 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:104	Resp:	5096
Ion Ratio	Lower	Upper
104	100	
78	53.1	42.3 63.5
103	44.2	37.5 56.3

Manual Integrations

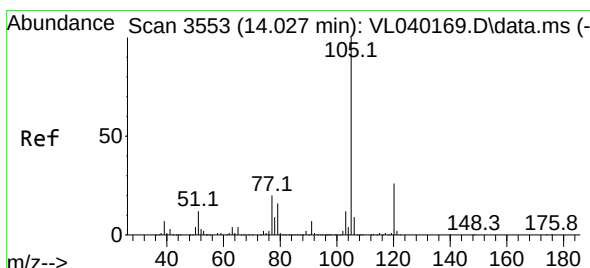
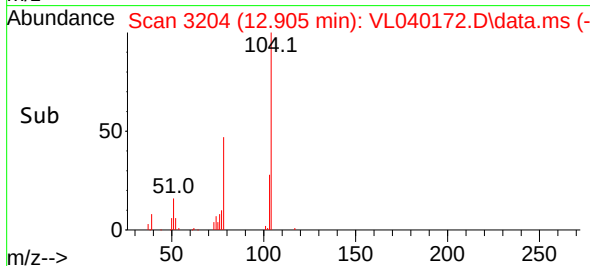
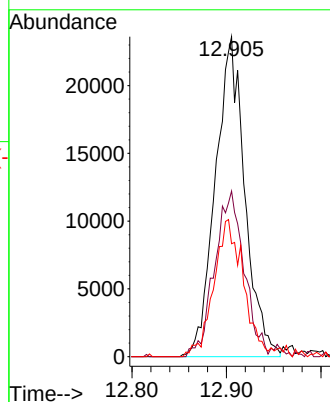
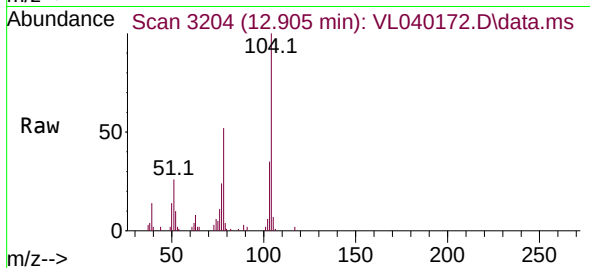
APPROVED

Reviewed By :Semsettin
Yesilyurt

02/16/2023

Supervised By :Mahesh
Dadoda

02/18/2023



#62

Isopropylbenzene

Concen: 0.523 ppbv

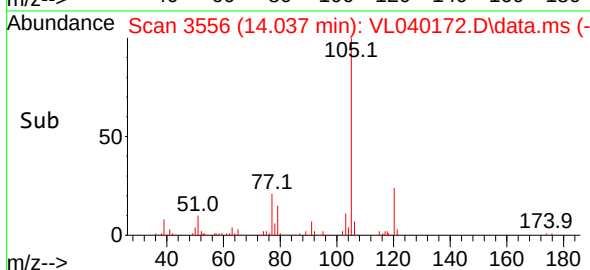
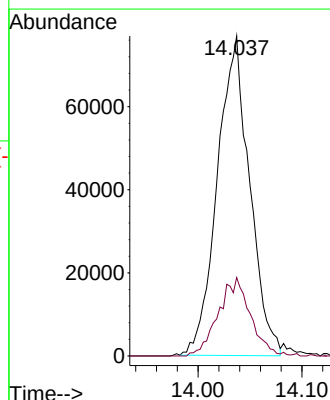
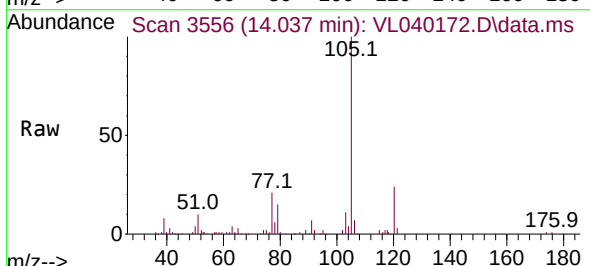
RT: 14.037 min Scan# 3556

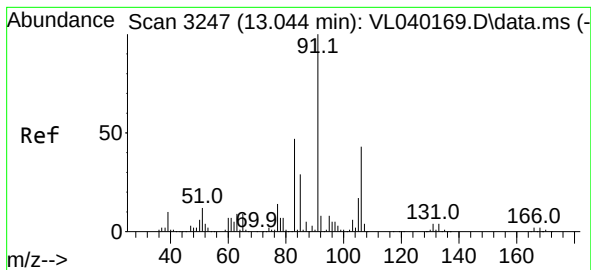
Delta R.T. 0.010 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

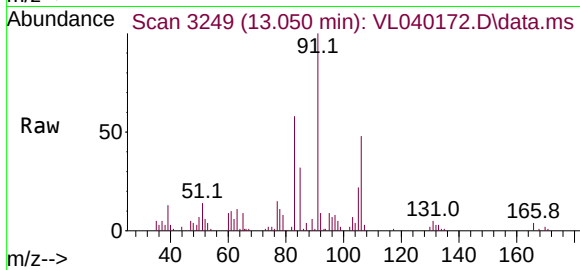
Tgt Ion:105	Resp:	166066
Ion Ratio	Lower	Upper
105	100	
120	24.5	20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.588 ppbv m
RT: 13.050 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



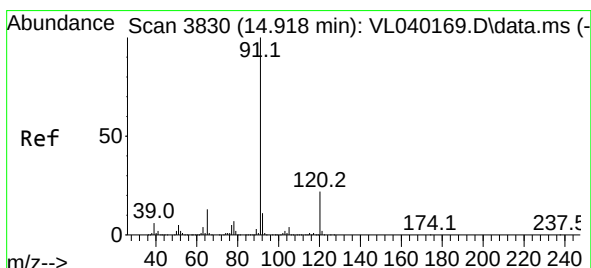
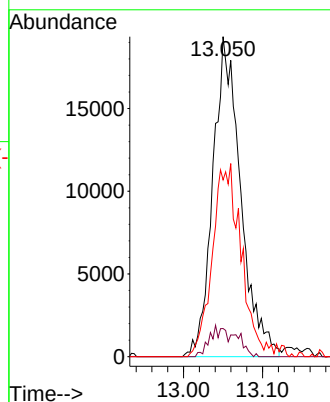
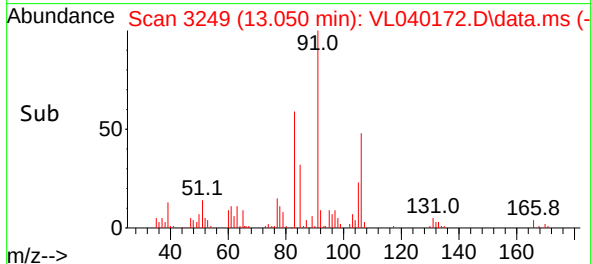
Tgt Ion: 83 Resp: 4712
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 0.0 33.0 99.0

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

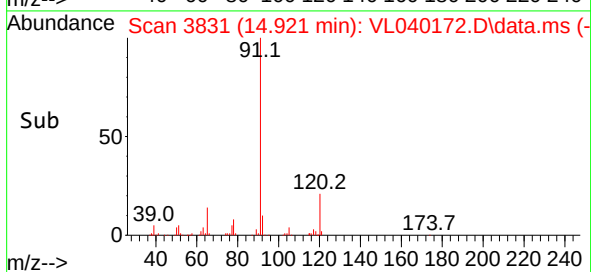
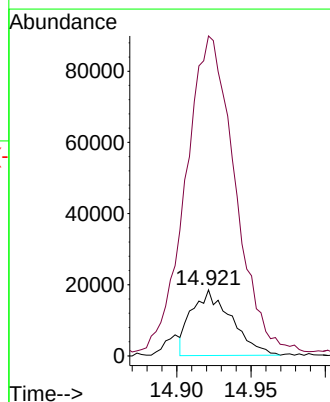
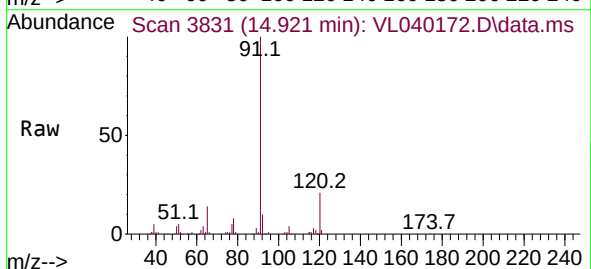
02/16/2023
Supervised By :Mahesh
Dadoda

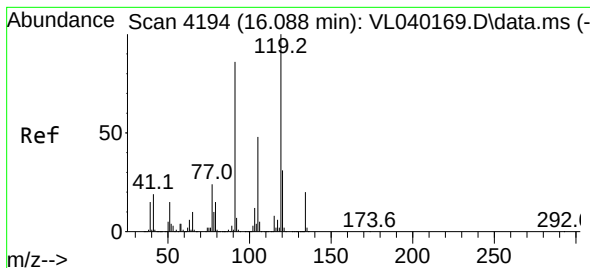
02/18/2023



#64
n-propylbenzene
Concen: 0.434 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

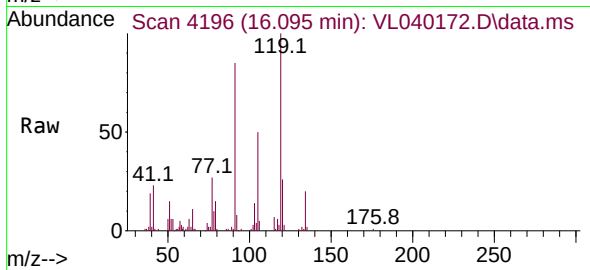
Tgt Ion:120 Resp: 34250
Ion Ratio Lower Upper
120 100
91 629.6 389.8 584.8#





#65
tert-Butylbenzene
Concen: 0.513 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



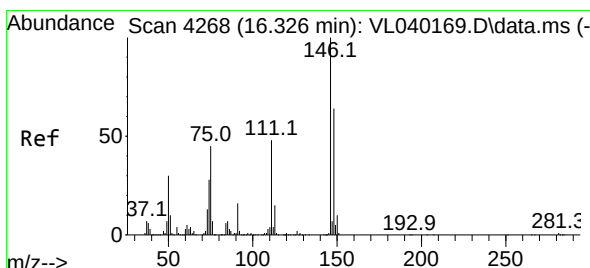
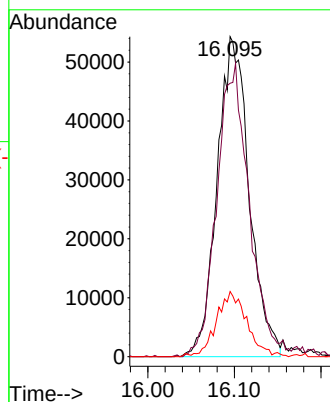
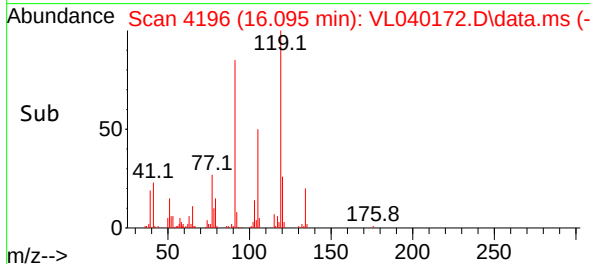
Tgt Ion:119 Resp: 139638
Ion Ratio Lower Upper
119 100
91 94.6 68.6 102.8
134 19.4 15.9 23.9

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

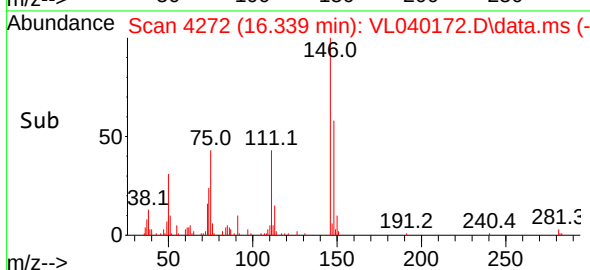
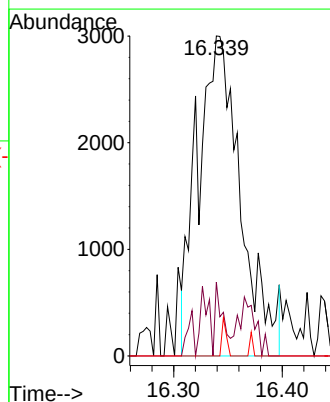
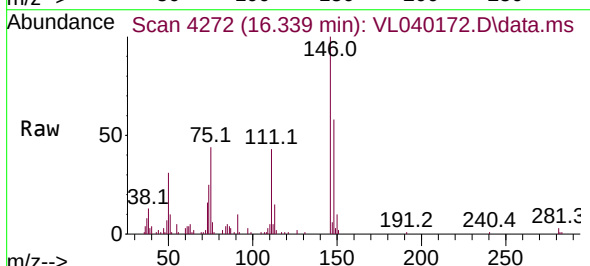
02/16/2023
Supervised By :Mahesh
Dadoda

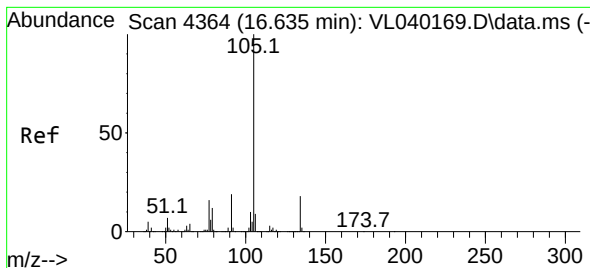
02/18/2023



#66
Benzyl Chloride
Concen: 0.446 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.013 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

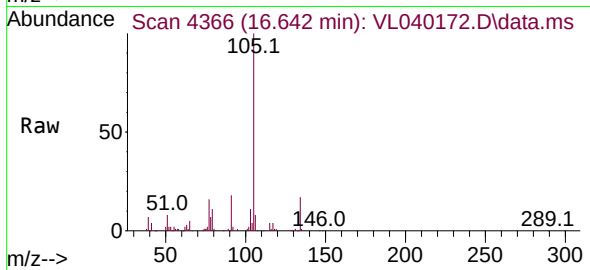
Tgt Ion: 91 Resp: 8299
Ion Ratio Lower Upper
91 100
126 10.4 13.1 19.7#
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 0.535 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5



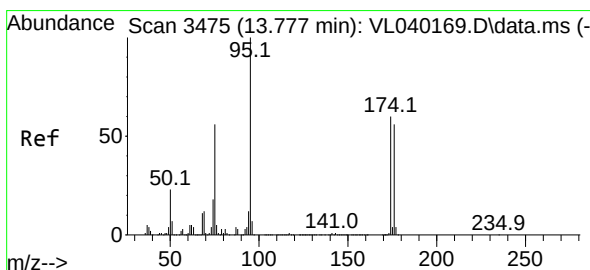
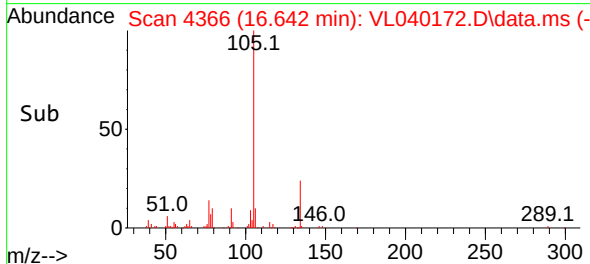
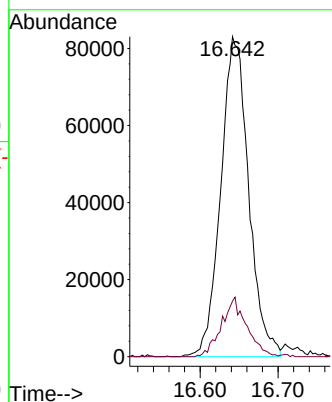
Tgt Ion:105 Resp: 20646
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt

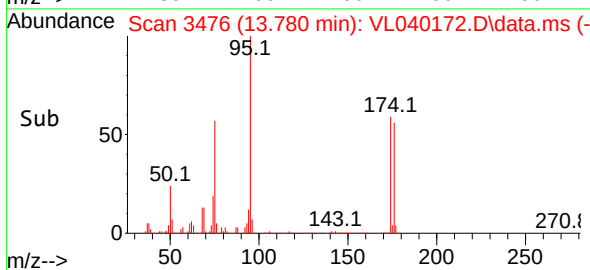
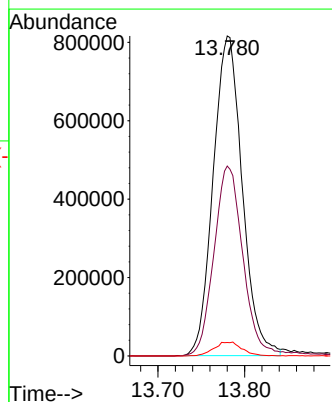
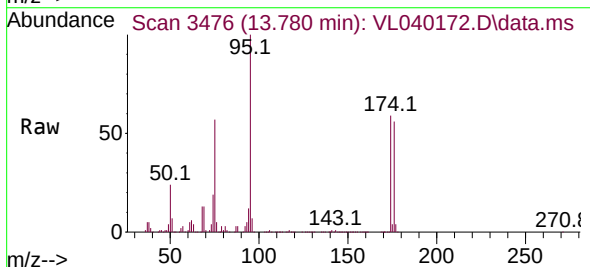
02/16/2023
 Supervised By :Mahesh
 Dadoda

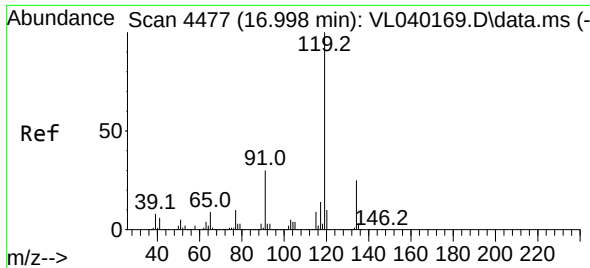
02/18/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.869 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.003 min
 Lab File: VL040172.D
 Acq: 15 Feb 2023 12:23

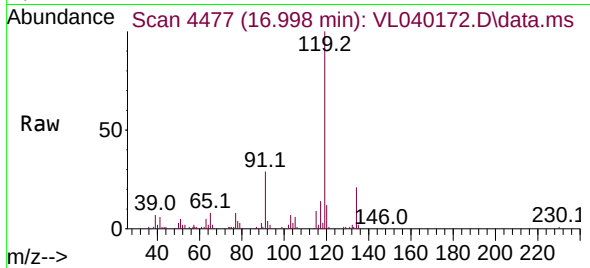
Tgt Ion: 95 Resp: 1902007
 Ion Ratio Lower Upper
 95 100
 174 60.6 48.2 72.2
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.515 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



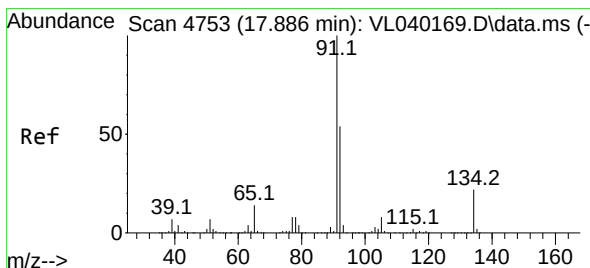
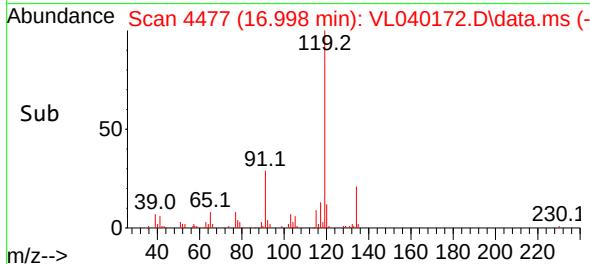
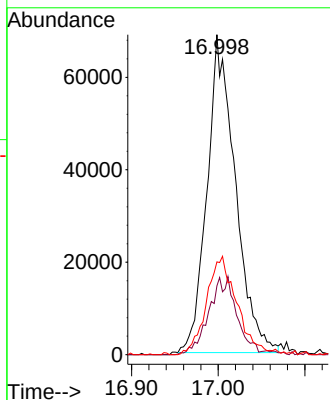
Tgt Ion: 119 Resp: 156084
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.2
91 33.6 24.7 37.1

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

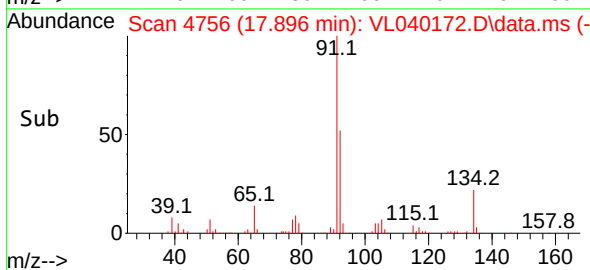
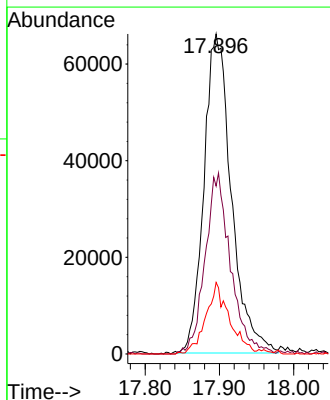
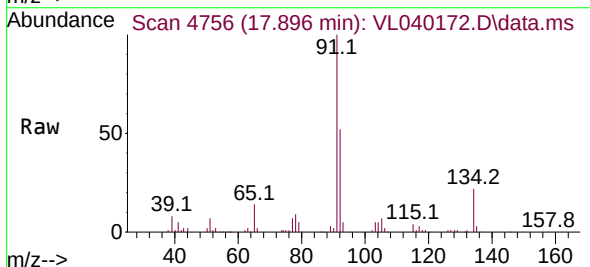
02/16/2023
Supervised By :Mahesh
Dadoda

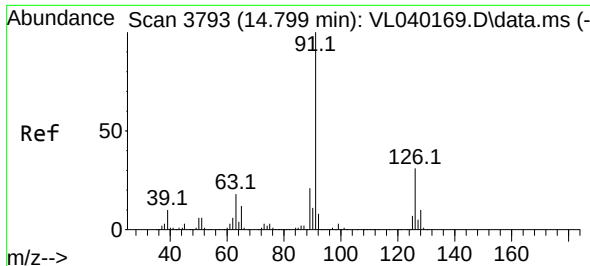
02/18/2023



#70
n-Butylbenzene
Concen: 0.519 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

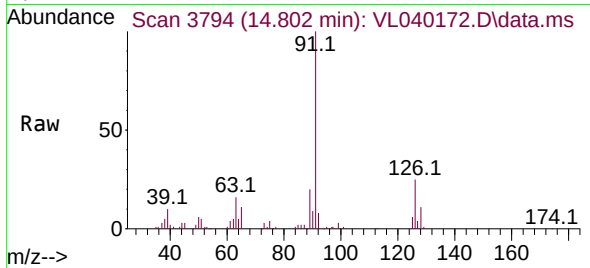
Tgt Ion: 91 Resp: 169685
Ion Ratio Lower Upper
91 100
92 53.5 43.0 64.6
134 20.0 16.9 25.3





#71
2-Chlorotoluene
Concen: 0.507 ppbv
RT: 14.802 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



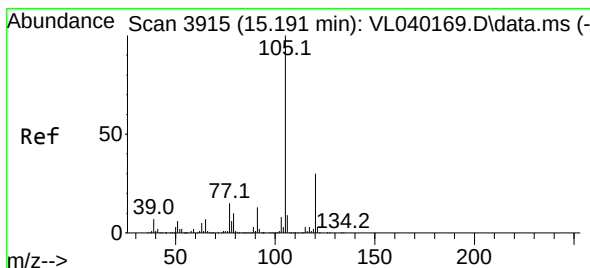
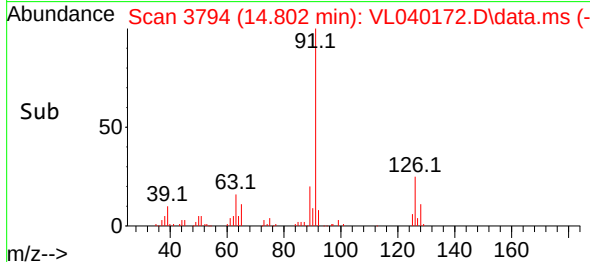
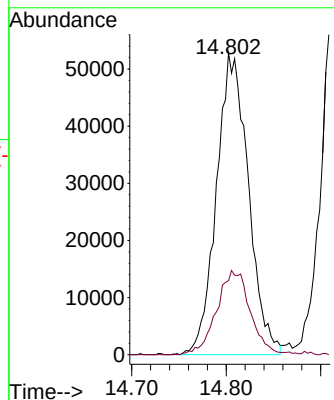
Tgt Ion: 91 Resp: 123820
Ion Ratio Lower Upper
91 100
126 29.7 12.0 48.2

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

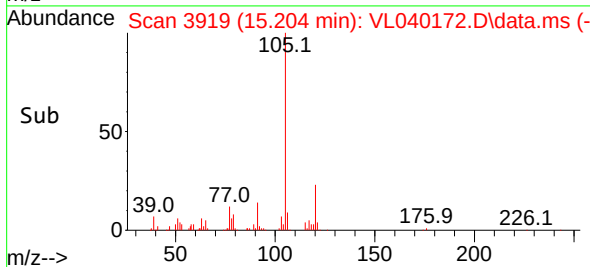
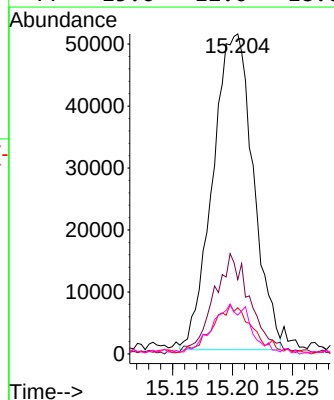
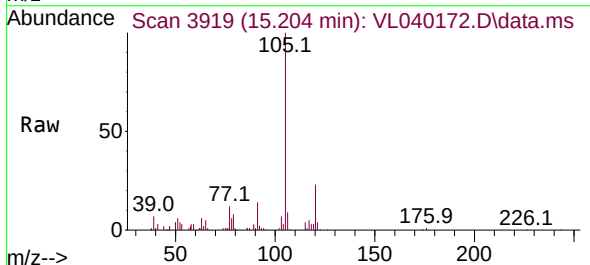
02/16/2023
Supervised By :Mahesh
Dadoda

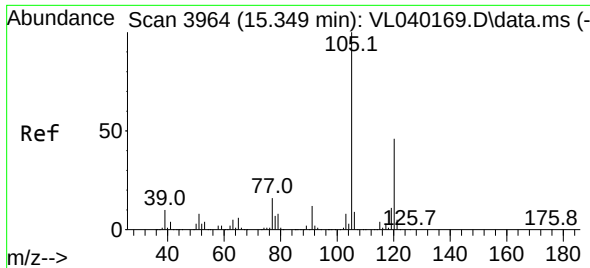
02/18/2023



#72
4-Ethyltoluene
Concen: 0.488 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.013 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:105 Resp: 119656
Ion Ratio Lower Upper
105 100
120 30.7 23.2 34.8
91 17.1 11.3 16.9#
77 15.6 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 0.502 ppbv
RT: 15.359 min Scan# 3964
Delta R.T. 0.010 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

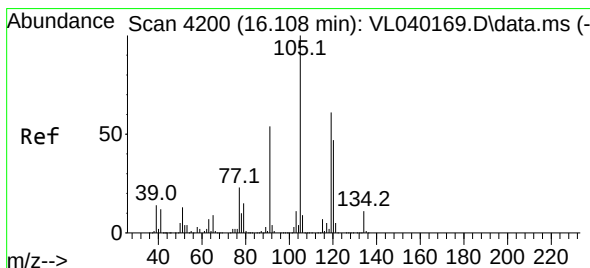
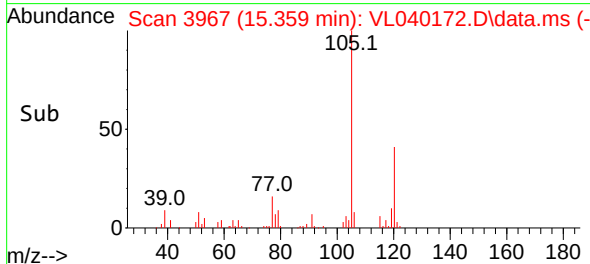
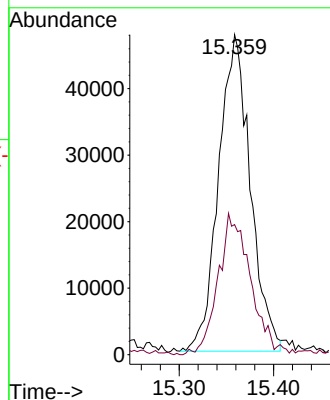
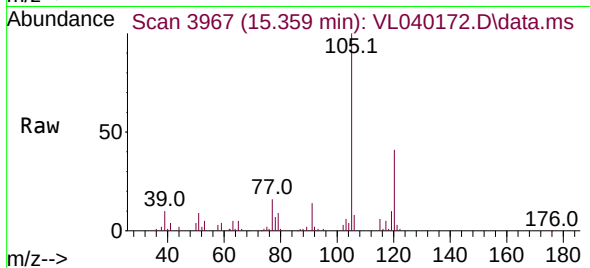
Tgt Ion:105 Resp: 110754
Ion Ratio Lower Upper
105 100
120 41.1 36.8 55.2

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

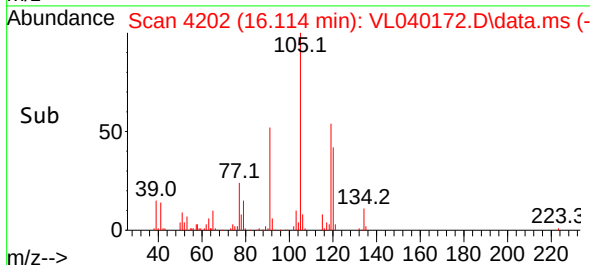
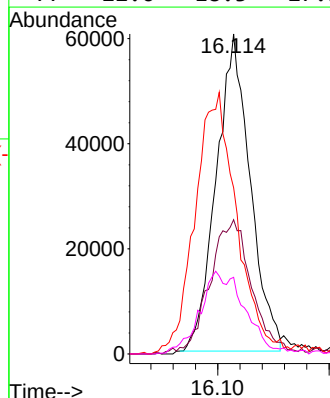
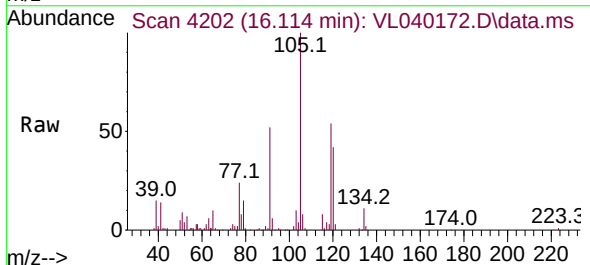
02/16/2023
Supervised By :Mahesh
Dadoda

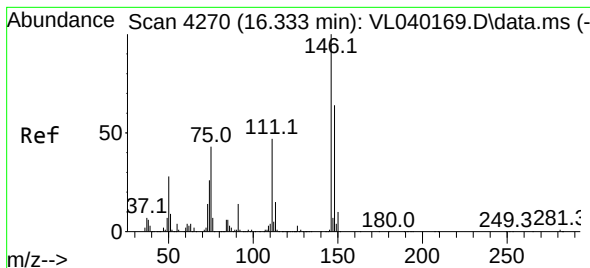
02/18/2023



#74
1,2,4-Trimethylbenzene
Concen: 0.522 ppbv
RT: 16.114 min Scan# 4202
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:105 Resp: 127634
Ion Ratio Lower Upper
105 100
120 40.3 37.9 56.9
91 47.8 43.7 65.5
77 22.6 18.3 27.5





#75
1,3-Dichlorobenzene
Concen: 0.529 ppbv m
RT: 16.339 min Scan# 4314
Delta R.T. 0.007 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

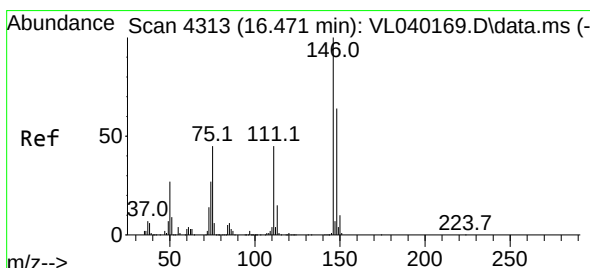
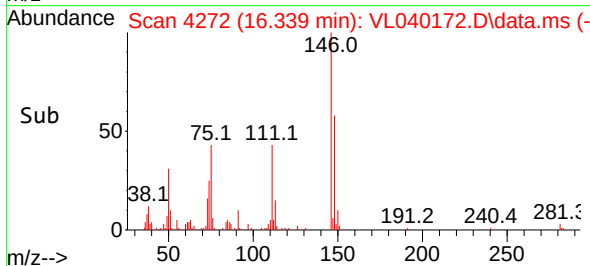
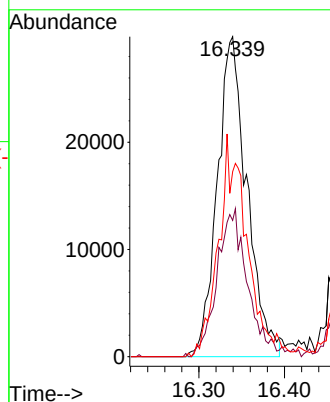
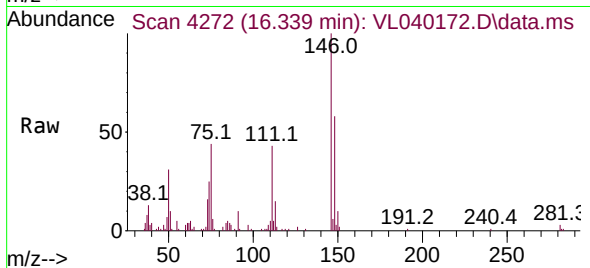
Tgt Ion:146 Resp: 71872
Ion Ratio Lower Upper
146 100
111 48.8 23.9 71.8
148 66.4 32.1 96.5

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

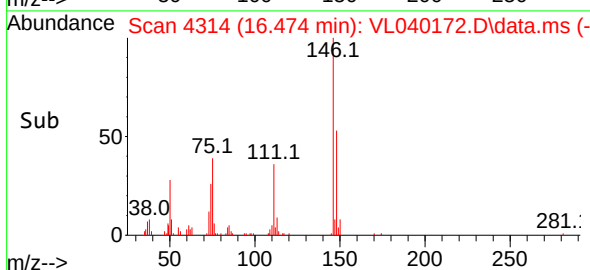
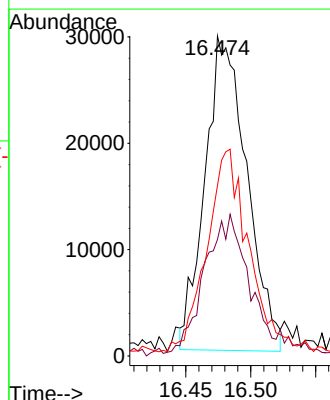
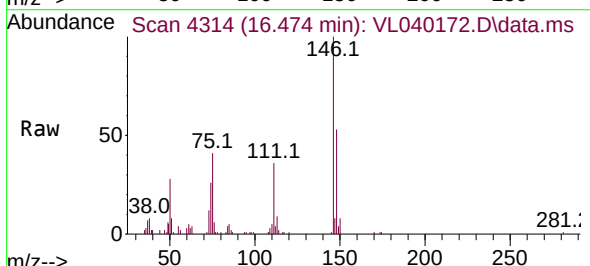
02/16/2023
Supervised By :Mahesh
Dadoda

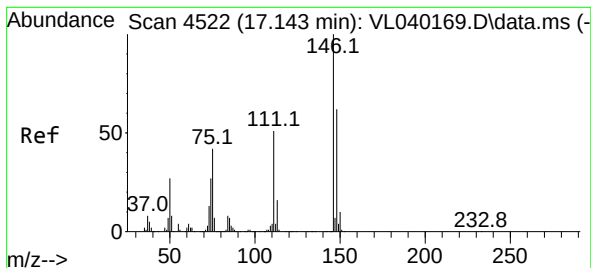
02/18/2023



#76
1,4-Dichlorobenzene
Concen: 0.496 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. 0.003 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:146 Resp: 66264
Ion Ratio Lower Upper
146 100
111 53.7 23.5 70.5
148 72.3 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 0.553 ppbv m

RT: 17.156 min Scan# 4

Delta R.T. 0.013 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:146	Resp:	7181
Ion Ratio	Lower	Upper
146	100	
111	51.5	25.3 75.8
148	0.0	32.0 96.2

Manual Integrations

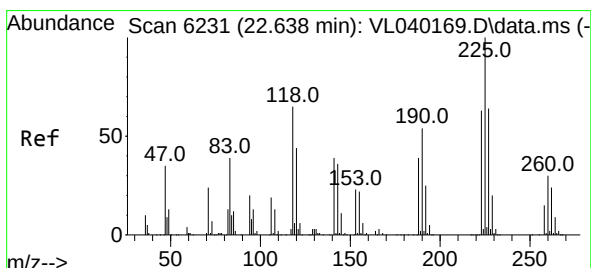
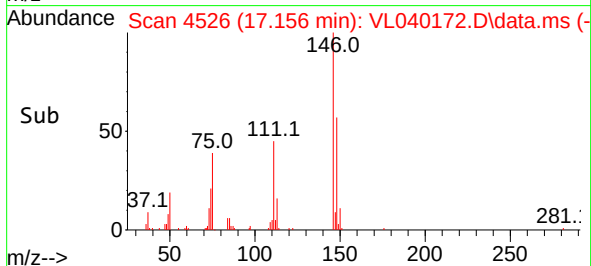
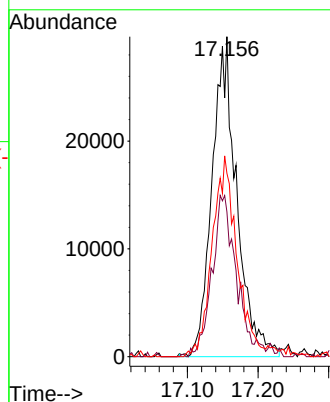
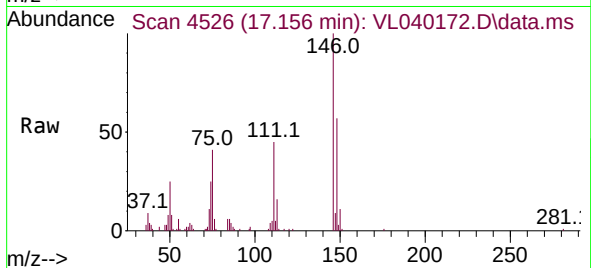
APPROVED

Reviewed By :Semsettin
Yesilyurt

02/16/2023

Supervised By :Mahesh
Dadoda

02/18/2023



#78

Hexachloro-1,3-Butadiene

Concen: 0.571 ppbv m

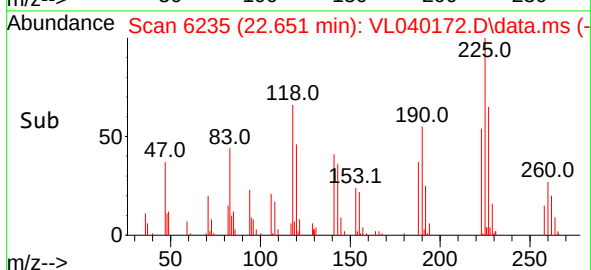
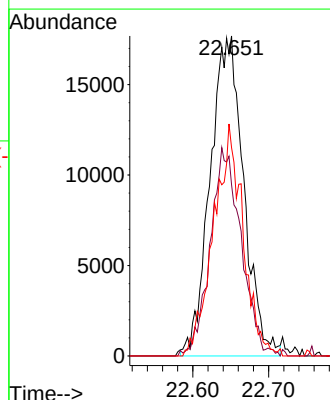
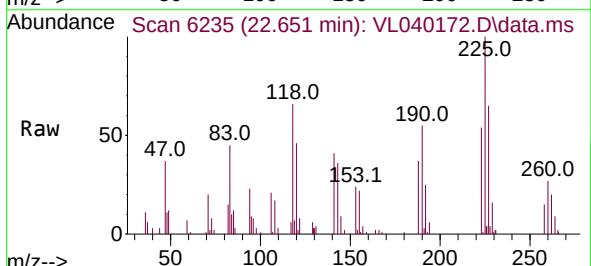
RT: 22.651 min Scan# 6235

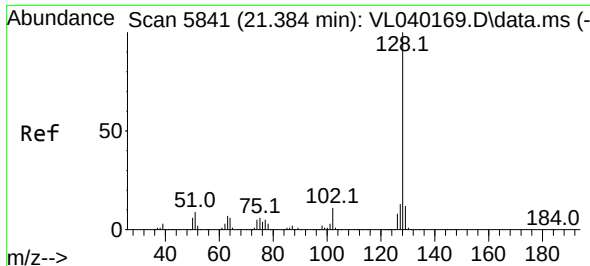
Delta R.T. 0.013 min

Lab File: VL040172.D

Acq: 15 Feb 2023 12:23

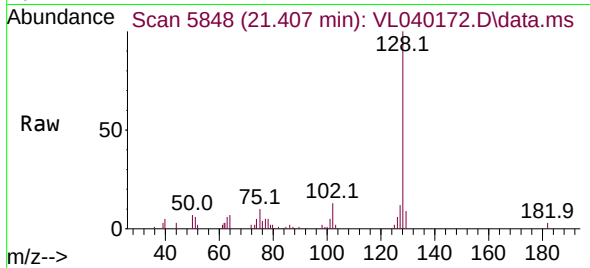
Tgt Ion:225	Resp:	54292
Ion Ratio	Lower	Upper
225	100	
223	0.0	51.0 76.6
227	63.4	51.2 76.8





#79
Naphthalene
Concen: 0.440 ppbv m
RT: 21.407 min Scan# 5848
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



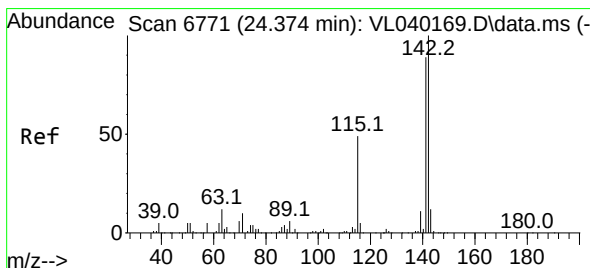
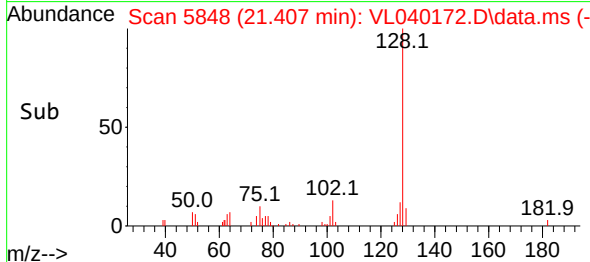
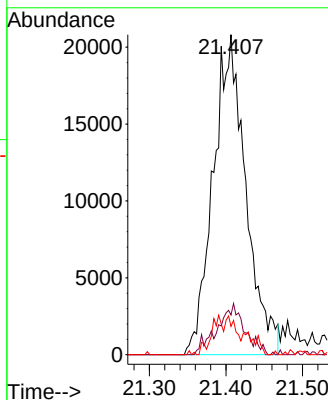
Tgt Ion:128 Resp: 6160
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.4
129 8.8 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

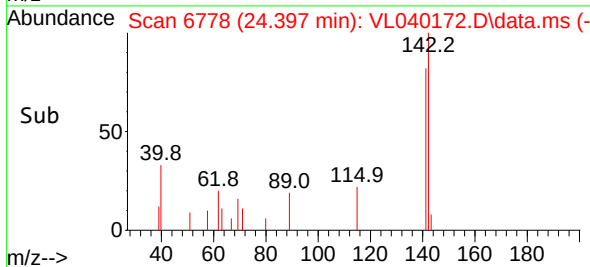
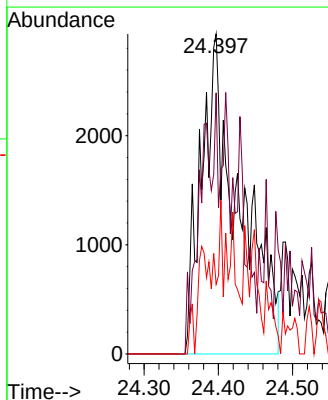
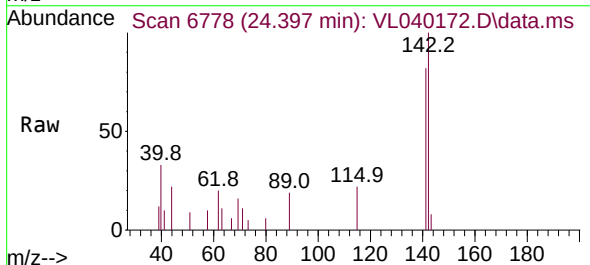
02/16/2023
Supervised By :Mahesh
Dadoda

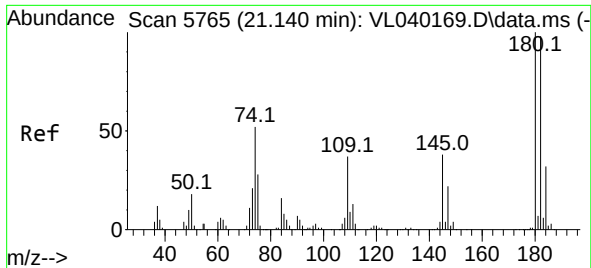
02/18/2023



#80
Naphthalene,2-methyl-
Concen: 0.218 ppbv
RT: 24.397 min Scan# 6778
Delta R.T. 0.023 min
Lab File: VL040172.D
Acq: 15 Feb 2023 12:23

Tgt Ion:142 Resp: 10275
Ion Ratio Lower Upper
142 100
141 76.2 67.3 100.9
115 50.4 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 0.471 ppbv m

RT: 21.156 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040172.D

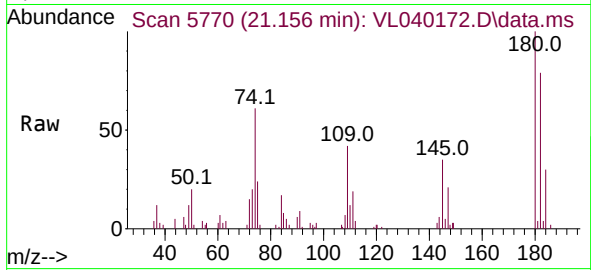
Acq: 15 Feb 2023 12:23

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 4068

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.6

184 0.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin

Yesilyurt

02/16/2023

Supervised By :Mahesh

Dadoda

02/18/2023

