

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039242.D
 Acq On : 8 Jun 2022 19:44
 Operator : SY/AP
 Sample : N3214-13 0.4 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

Quant Time: Jun 09 06:42:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

06/09/2022

Supervised By : Mahesh
 Dadoda

06/09/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.674	49	972862	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2286023	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	1930068	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 1781784 11.166 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 111.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	105551	0.618	ppbv	97
3) Chlorodifluoromethane	2.996	51	60532	0.489	ppbv	96
4) Chloromethane	3.150	50	31821m	0.500	ppbv	
5) Vinyl Chloride	3.266	62	29905m	0.503	ppbv	
6) Bromomethane	3.491	94	15633m	0.535	ppbv	
7) Chloroethane	3.568	64	12322m	0.595	ppbv	
8) Dichlorotetrafluoroethane	3.198	85	86016m	0.551	ppbv	
9) Propene	3.018	41	23477m	0.435	ppbv	
10) Heptane	8.131	43	41552m	0.330	ppbv	
11) Trichlorofluoromethane	3.960	101	92190	0.596	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.497	101	62886	0.615	ppbv	95
13) Ethanol	3.629	45	1926m	0.654	ppbv	
14) Bromoethene	3.751	108	24184m	0.526	ppbv	
15) Acetone	3.873	43	65794m	0.649	ppbv	
16) 1,3-Butadiene	3.343	39	31761m	0.583	ppbv	
17) tert-Butyl alcohol	4.317	59	51456m	0.655	ppbv	
18) 1,1-Dichloroethene	4.298	96	27240	0.594	ppbv #	93
19) Isopropyl Alcohol	3.992	45	23949m	0.504	ppbv	
20) Methylene Chloride	4.349	84	29219	0.684	ppbv #	84
21) Allyl Chloride	4.423	41	39670m	0.580	ppbv	
22) trans-1,2-Dichloroethene	4.899	96	28252m	0.640	ppbv	
23) Vinyl Acetate	5.086	43	35042	0.418	ppbv #	94
24) 1,1-Dichloroethane	5.021	63	56671	0.493	ppbv	96
25) Ethyl Acetate	5.693	43	85904m	0.376	ppbv	
26) Hexane	5.697	57	39598m	0.394	ppbv	
27) Carbon Disulfide	4.565	76	51344m	0.494	ppbv	
28) Methyl tert-Butyl Ether	5.057	73	54512m	0.492	ppbv	
29) Chloroform	5.758	83	76515	0.453	ppbv	86
30) Cyclohexane	7.134	84	36069m	0.428	ppbv	
31) cis-1,2-Dichloroethene	5.561	61	41283	0.403	ppbv #	85
32) 1,1,1-Trichloroethane	6.523	97	73069	0.442	ppbv	91
34) 2-Butanone	5.269	43	54370m	0.438	ppbv	
35) Carbon Tetrachloride	7.034	117	78274m	0.469	ppbv	
36) Benzene	6.899	78	72629m	0.391	ppbv	
37) 1,2-Dichloroethane	6.317	62	60343m	0.494	ppbv	
38) Trichloroethene	7.851	130	35306m	0.414	ppbv	
39) 1,2-Dichloropropane	7.623	63	29846m	0.404	ppbv	
40) 1,4-Dioxane	7.883	88	11029m	0.454	ppbv	
41) Tetrahydrofuran	6.086	42	25830m	0.346	ppbv	
42) Bromodichloromethane	7.803	83	67537	0.398	ppbv #	86
43) Methyl Methacrylate	8.031	69	25067m	0.347	ppbv	
44) 2,2,4-Trimethylpentane	7.877	57	120185m	0.370	ppbv	
45) t-1,3-Dichloropropene	9.285	75	23248m	0.309	ppbv	

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QLast Update : Wed Jun 01 01:22:18 2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.709	75	31355m	0.315	ppbv		
47) 1,1,2-Trichloroethane	9.487	97	32083m	0.417	ppbv		
48) Dibromochloromethane	10.320	129	49362m	0.359	ppbv		
49) Bromoform	13.047	173	38372m	0.335	ppbv		
50) 4-Methyl-2-Pentanone	8.770	43	68880m	0.371	ppbv		
51) 2-Hexanone	10.166	43	44771m	0.309	ppbv		
52) Tetrachloroethene	11.233	164	25874m	0.357	ppbv		
53) Toluene	9.806	91	72797m	0.341	ppbv		
54) 1,2-Dibromoethane	10.616	107	40571m	0.392	ppbv		
56) 1,1,1,2-Tetrachloroethane	12.130	131	41087m	0.450	ppbv		
57) Chlorobenzene	12.156	112	60739	0.418	ppbv		96
58) Ethyl Benzene	12.722	91	99494	0.374	ppbv		94
59) m/p-Xylene	13.005	91	190837m	0.815	ppbv		
60) o-Xylene	13.699	91	92566	0.421	ppbv		91
61) Styrene	13.532	104	40597m	0.345	ppbv		
62) Isopropylbenzene	14.670	105	138907m	0.425	ppbv		
63) 1,1,2,2-Tetrachloroethane	13.683	83	53177m	0.431	ppbv		
64) n-propylbenzene	15.564	120	31706m	0.394	ppbv		
65) tert-Butylbenzene	16.751	119	120594m	0.403	ppbv		
66) Benzyl Chloride	16.992	91	12768m	0.328	ppbv		
67) sec-Butylbenzene	17.304	105	167666m	0.411	ppbv		
69) p-Isopropyltoluene	17.657	119	130133	0.378	ppbv #		89
70) n-Butylbenzene	18.555	91	137632	0.390	ppbv		95
71) 2-Chlorotoluene	15.458	91	103415m	0.415	ppbv		
72) 4-Ethyltoluene	15.850	105	100808m	0.391	ppbv		
73) 1,3,5-Trimethylbenzene	16.005	105	97798m	0.421	ppbv		
74) 1,2,4-Trimethylbenzene	16.770	105	100926	0.389	ppbv #		85
75) 1,3-Dichlorobenzene	17.002	146	60055	0.409	ppbv		94
76) 1,4-Dichlorobenzene	17.153	146	57508m	0.392	ppbv		
77) 1,2-Dichlorobenzene	17.825	146	60587m	0.409	ppbv		
78) Hexachloro-1,3-Butadiene	23.371	225	60176m	0.444	ppbv		
79) Naphthalene	22.210	128	56251m	0.282	ppbv		
80) Naphthalene,2-methyl-	24.979	142	11510m	0.155	ppbv		
81) 1,2,4-Trichlorobenzene	21.940	180	40243m	0.318	ppbv		

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

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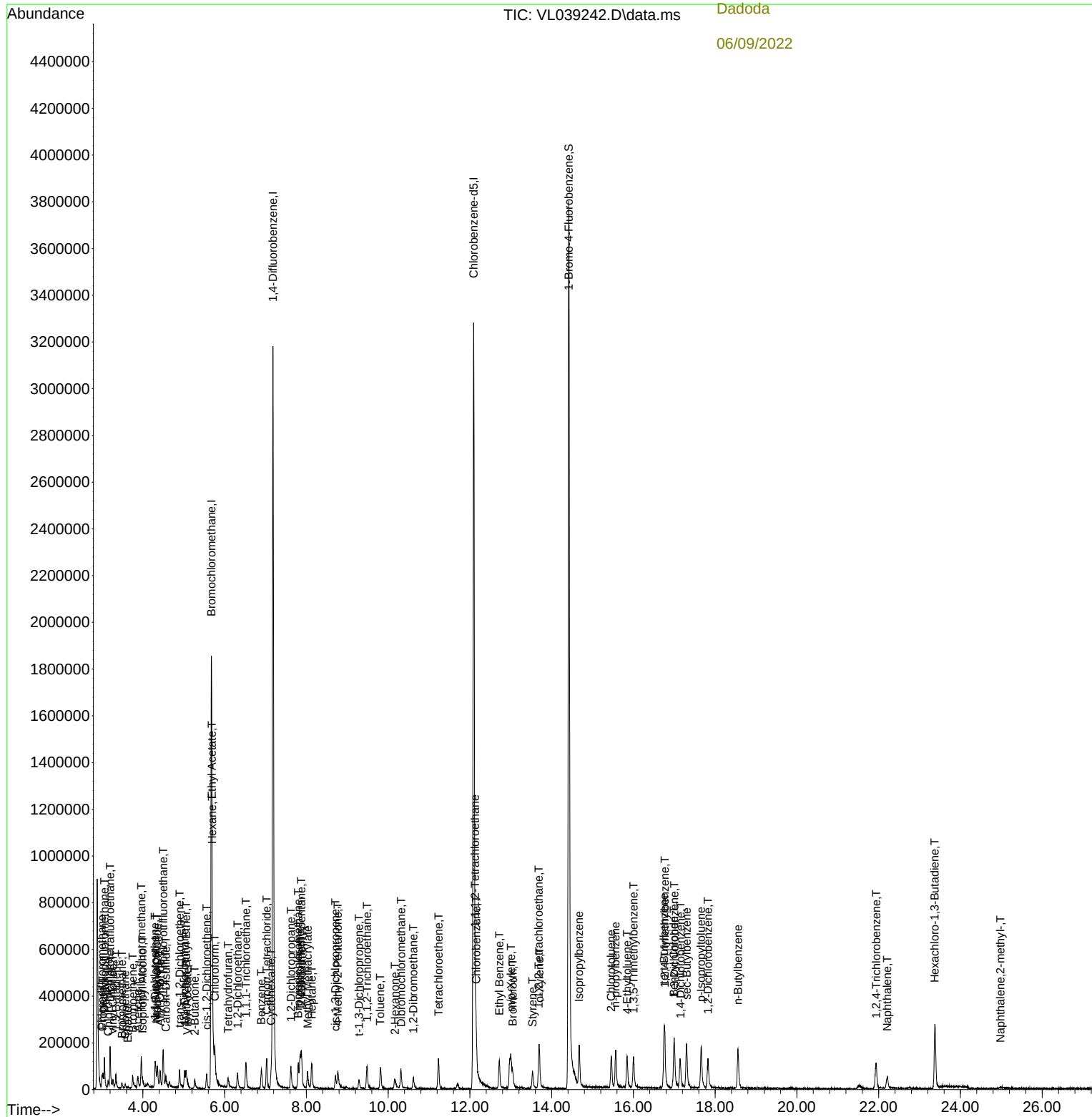
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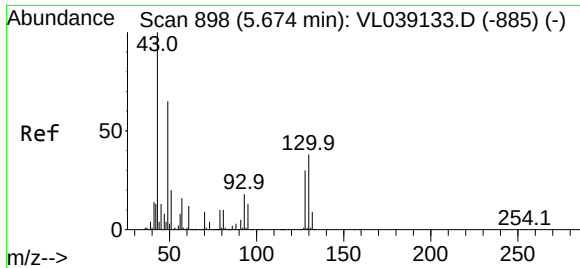
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

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Supervised By :Mahesh
Dadoda

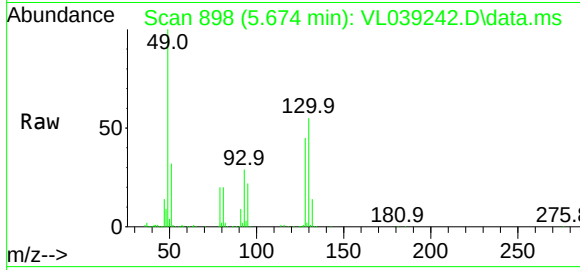
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#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.674 min Scan# 898
 Delta R.T. -0.000 min
 Lab File: VL039242.D
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Instrument : MSVOA_L
 ClientSampleId : LOD-MDL-AIR-01-QT2-2022



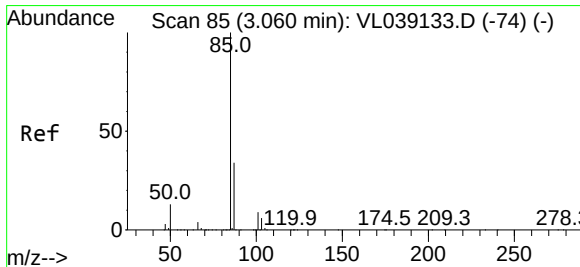
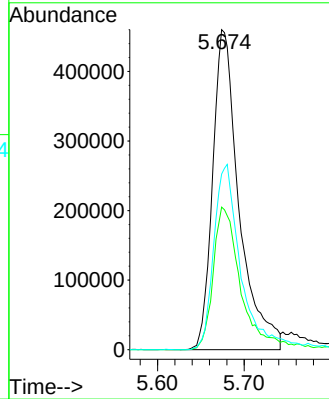
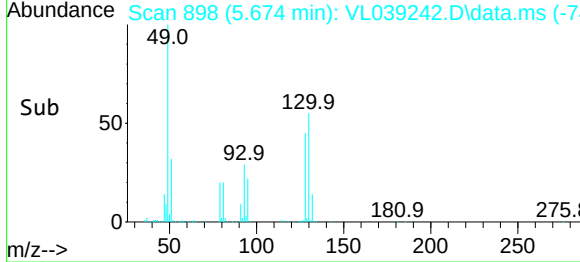
Tgt Ion: 49 Resp: 972862
 Ion Ratio Lower Upper
 49 100
 128 49.0 24.7 74.1
 130 60.8 31.4 94.0

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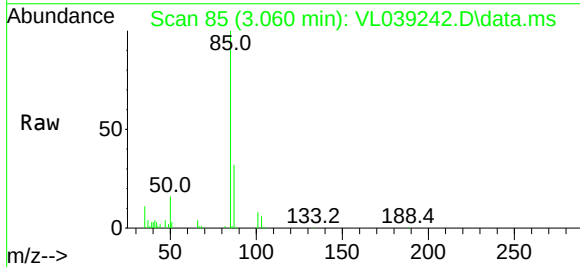
Reviewed By :Semsettin
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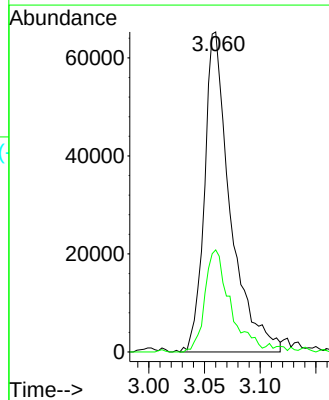
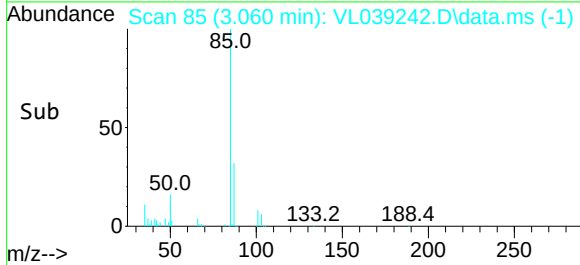
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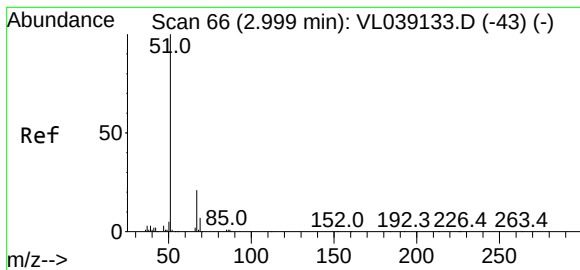


#2
 Dichlorodifluoromethane
 Concen: 0.618 ppbv
 RT: 3.060 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44



Tgt Ion: 85 Resp: 105551
 Ion Ratio Lower Upper
 85 100
 87 31.9 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.489 ppbv
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

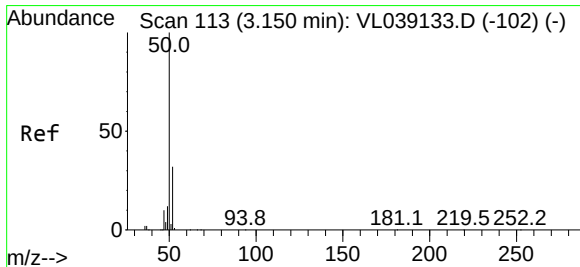
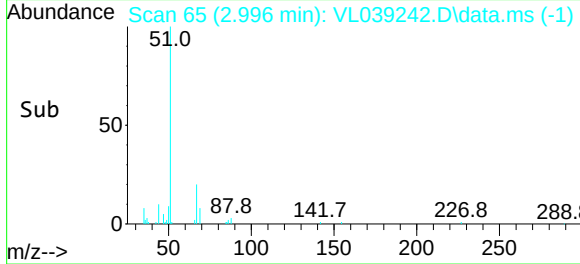
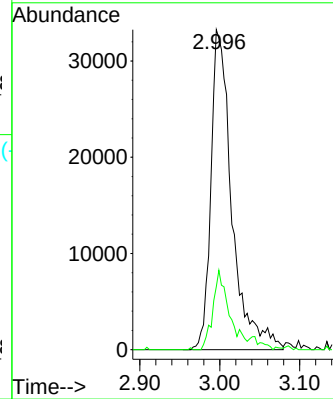
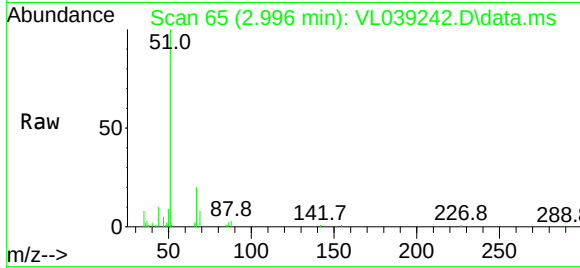
Tgt Ion: 51 Resp: 6053
Ion Ratio Lower Upper
51 100
67 22.4 16.2 24.4

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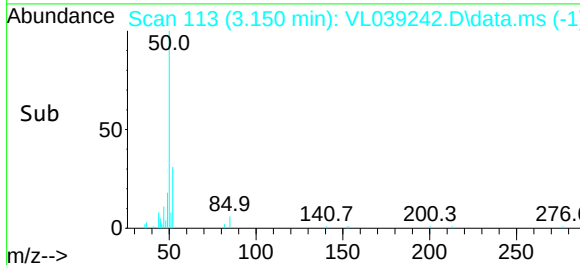
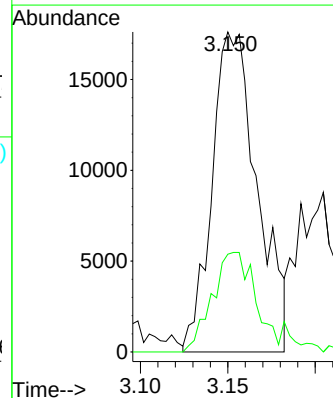
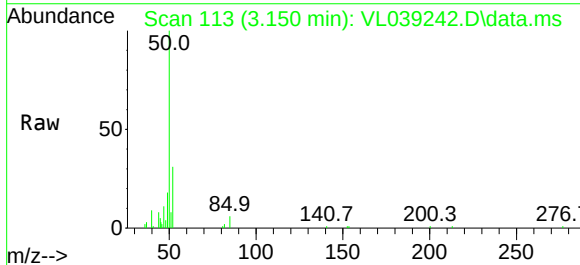
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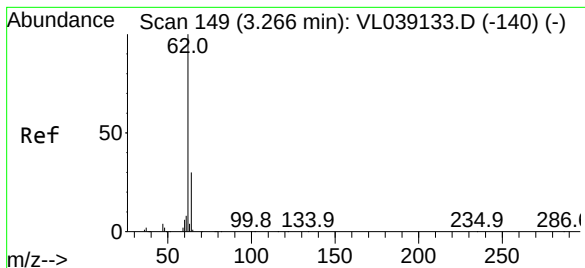
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#4
Chloromethane
Concen: 0.500 ppbv m
RT: 3.150 min Scan# 113
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 50 Resp: 31821
Ion Ratio Lower Upper
50 100
52 30.5 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.503 ppbv m
 RT: 3.266 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022

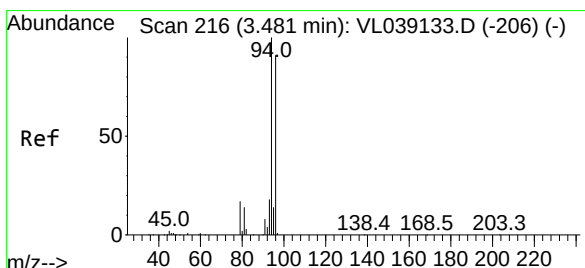
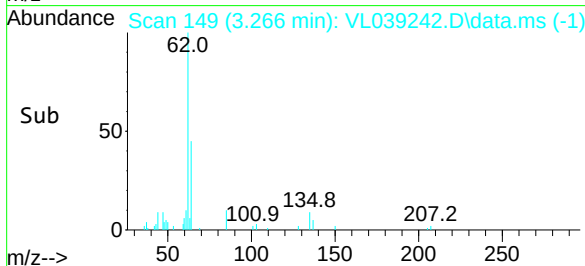
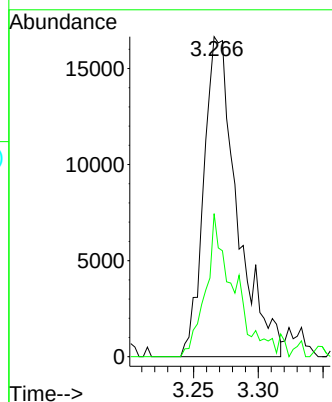
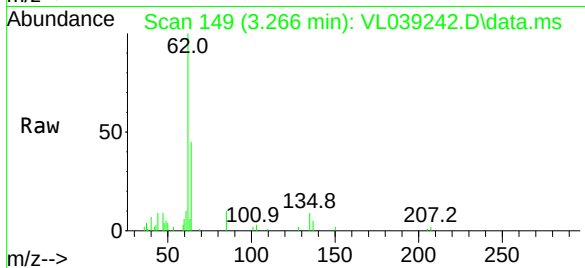
Tgt Ion: 62 Resp: 2990
 Ion Ratio Lower Upper
 62 100
 64 44.7 24.2 36.2

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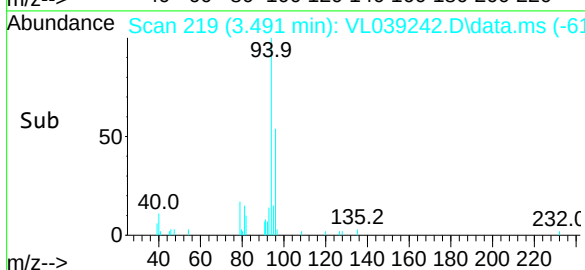
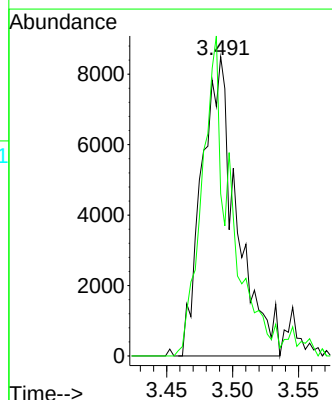
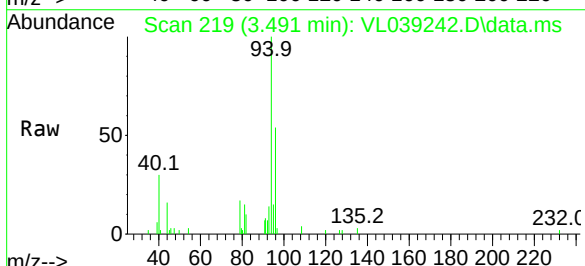
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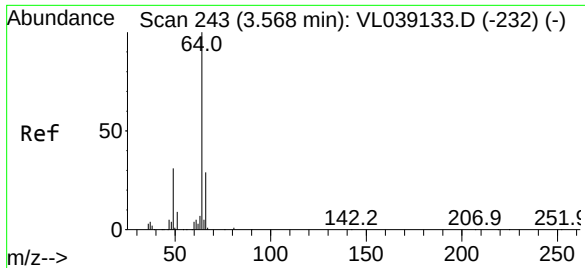
06/09/2022



#6
 Bromomethane
 Concen: 0.535 ppbv m
 RT: 3.491 min Scan# 219
 Delta R.T. 0.010 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

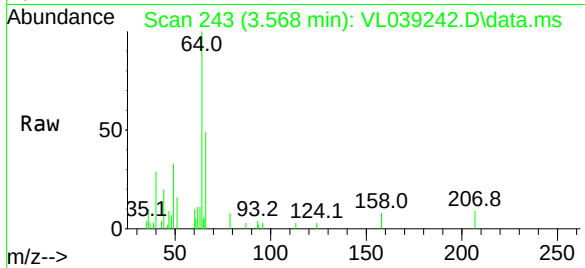
Tgt Ion: 94 Resp: 15633
 Ion Ratio Lower Upper
 94 100
 96 54.2 73.0 109.4





#7
Chloroethane
Concen: 0.595 ppbv m
RT: 3.568 min Scan# 243
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

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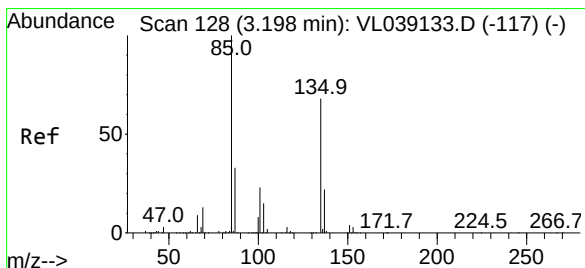
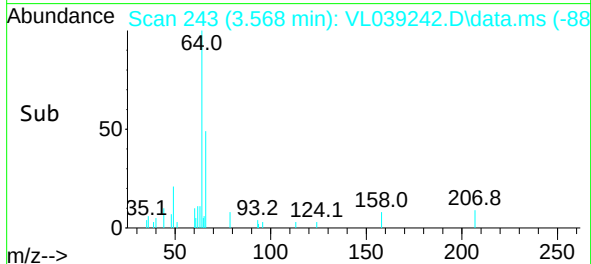
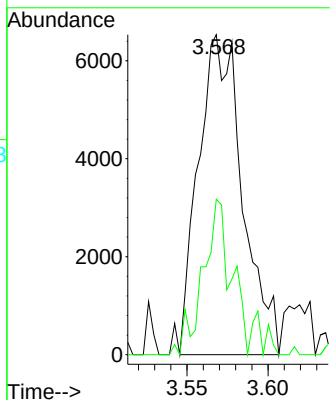
Tgt Ion: 64 Resp: 1232
Ion Ratio Lower Upper
64 100
66 48.6 23.6 35.4

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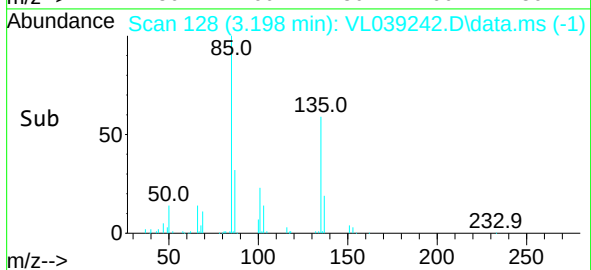
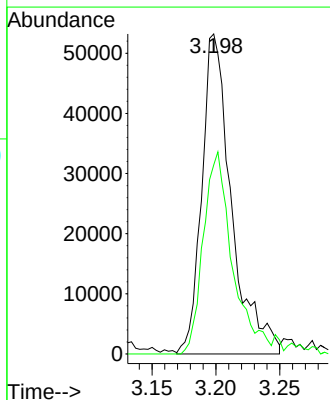
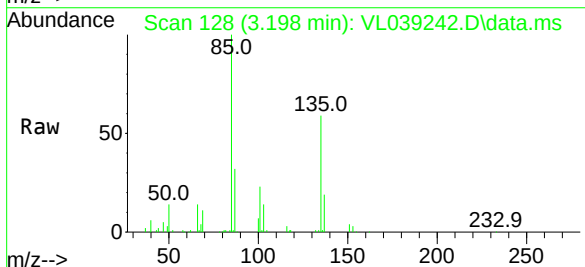
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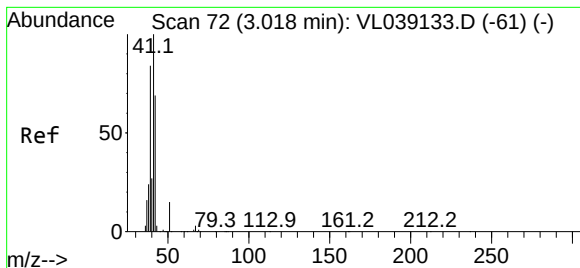
06/09/2022



#8
Dichlorotetrafluoroethane
Concen: 0.551 ppbv m
RT: 3.198 min Scan# 128
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

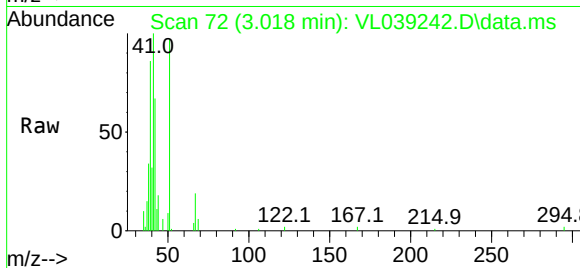
Tgt Ion: 85 Resp: 86016
Ion Ratio Lower Upper
85 100
135 65.5 55.0 82.4





#9
 Propene
 Concen: 0.435 ppbv m
 RT: 3.018 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



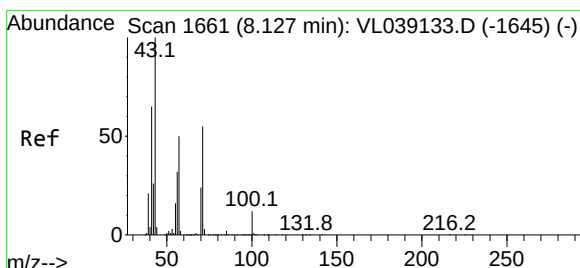
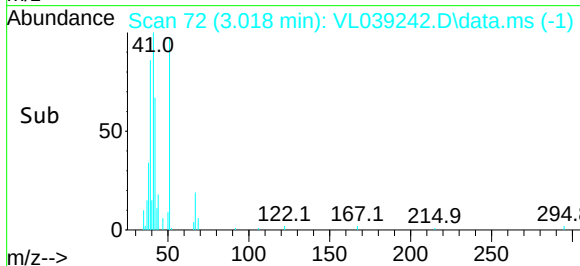
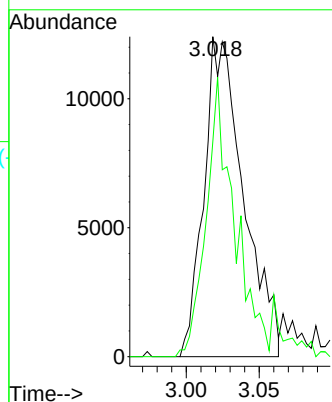
Tgt Ion: 41 Resp: 2347
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.4 83.2

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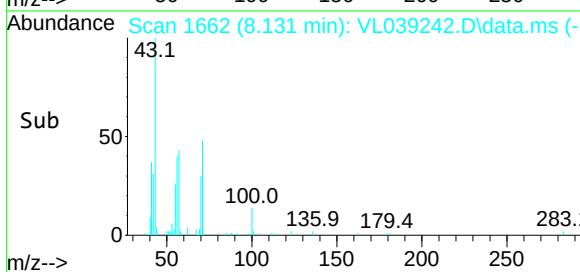
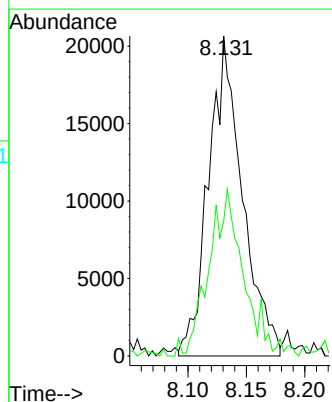
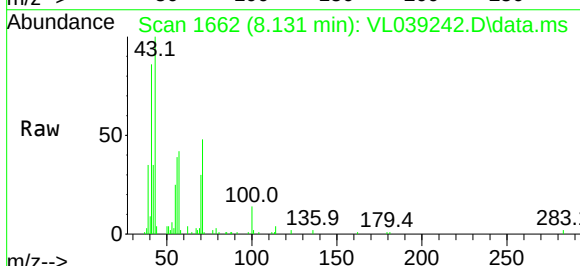
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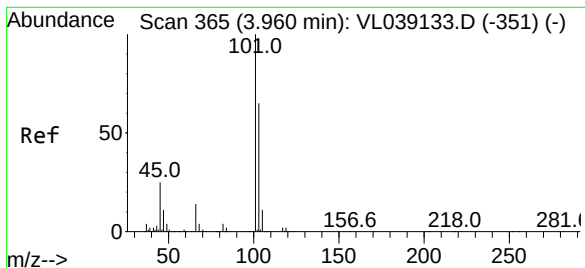
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#10
 Heptane
 Concen: 0.330 ppbv m
 RT: 8.131 min Scan# 1662
 Delta R.T. 0.003 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

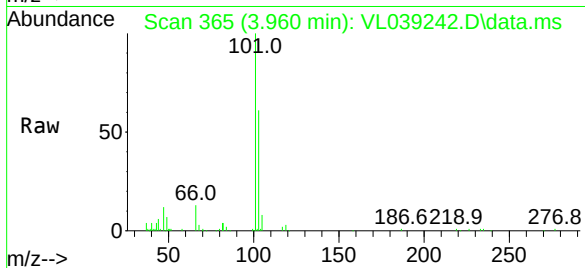
Tgt Ion: 43 Resp: 41552
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.596 ppbv
RT: 3.960 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



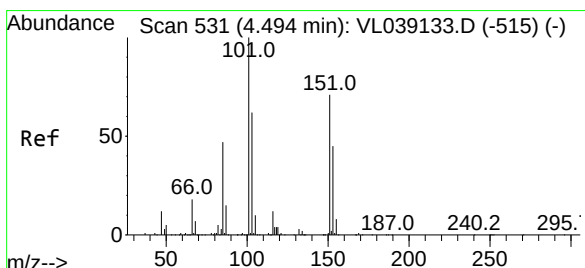
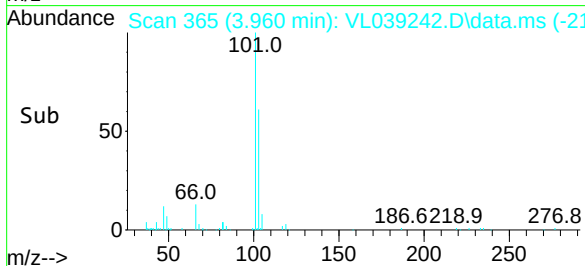
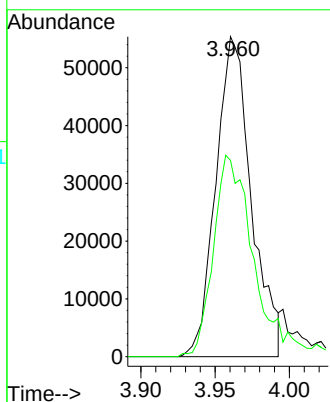
Tgt Ion:101 Resp: 92190
Ion Ratio Lower Upper
101 100
103 61.4 51.7 77.5

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Reviewed By :Semsettin
Yesilyurt

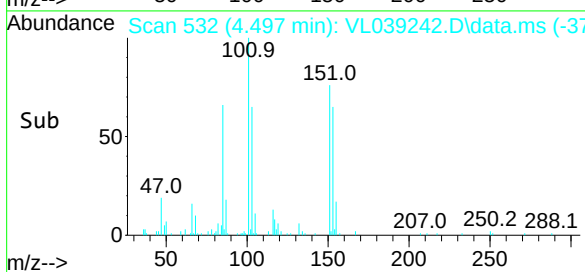
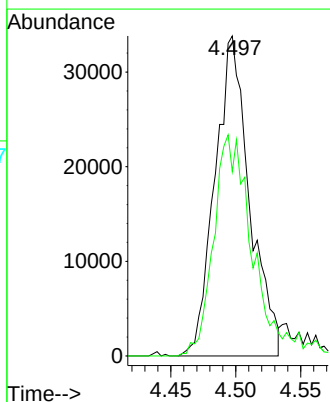
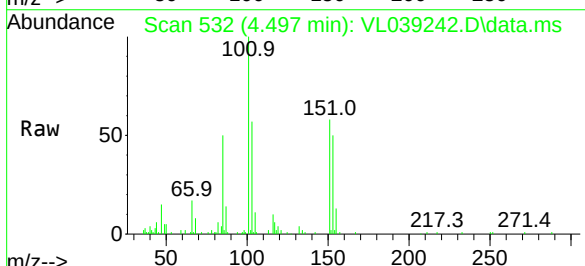
06/09/2022
Supervised By :Mahesh
Dadoda

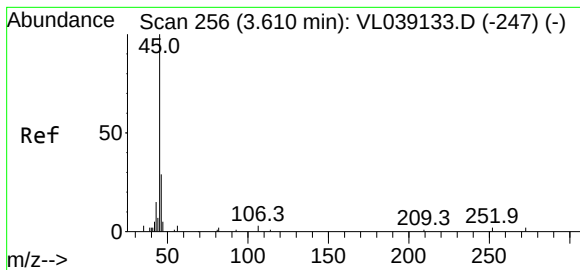
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#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.615 ppbv
RT: 4.497 min Scan# 532
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

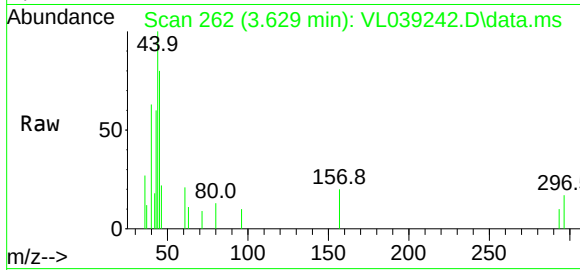
Tgt Ion:101 Resp: 62886
Ion Ratio Lower Upper
101 100
151 78.5 59.4 89.0





#13
Ethanol
Concen: 0.654 ppbv m
RT: 3.629 min Scan# 210
Delta R.T. 0.019 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



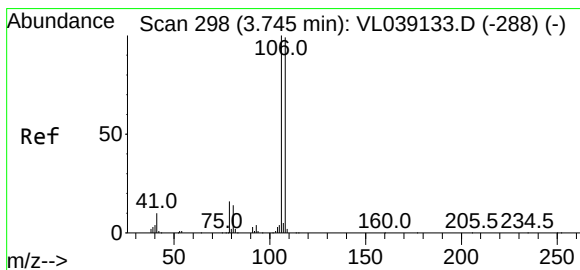
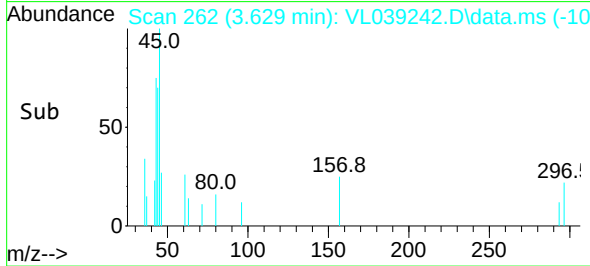
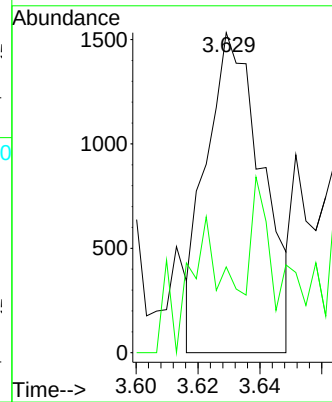
Tgt Ion: 45 Resp: 1920
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

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Reviewed By :Semsettin
Yesilyurt

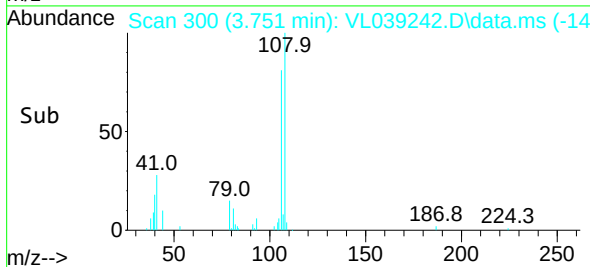
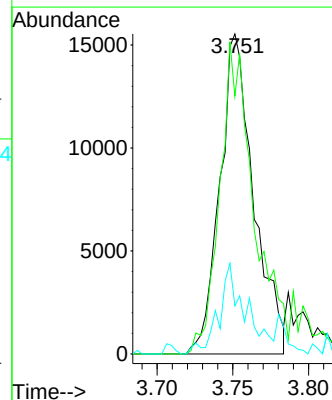
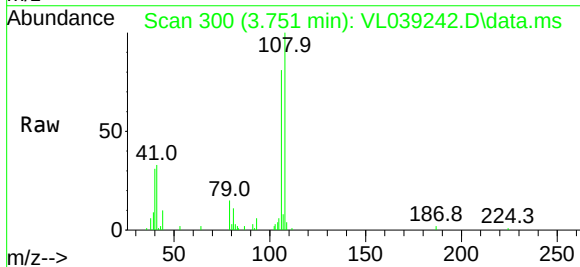
06/09/2022
Supervised By :Mahesh
Dadoda

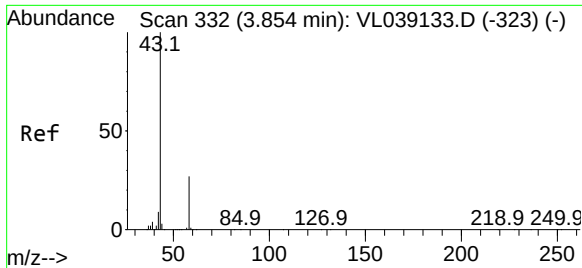
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#14
Bromoethene
Concen: 0.526 ppbv m
RT: 3.751 min Scan# 300
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

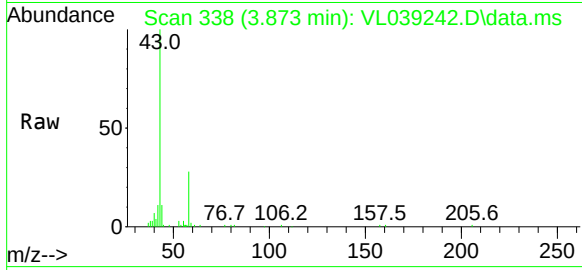
Tgt Ion:108 Resp: 24184
Ion Ratio Lower Upper
108 100
106 109.1 88.4 132.6
79 28.7 13.4 20.2#





#15
Acetone
Concen: 0.649 ppbv m
RT: 3.873 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



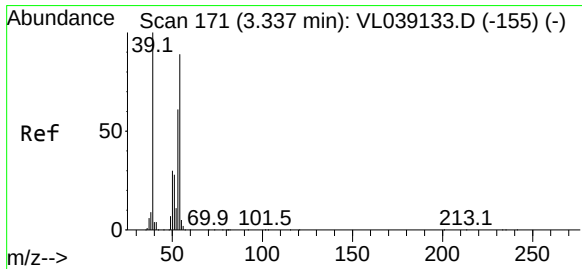
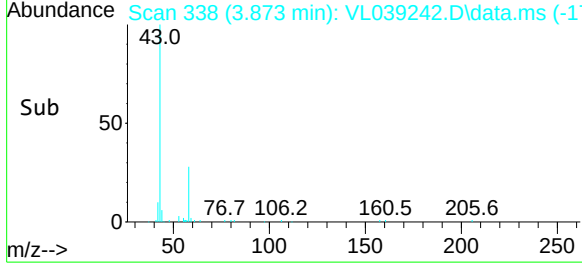
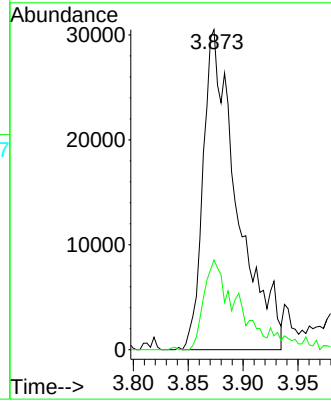
Tgt Ion: 43 Resp: 65794
Ion Ratio Lower Upper
43 100
58 30.3 22.5 33.7

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Reviewed By :Semsettin
Yesilyurt

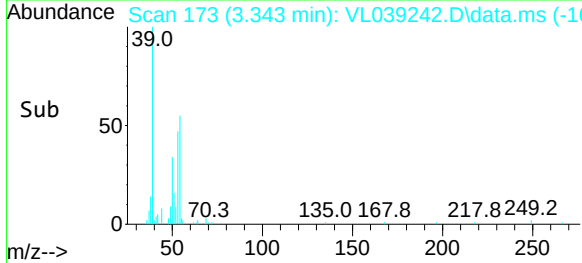
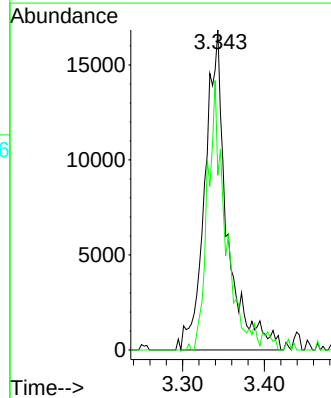
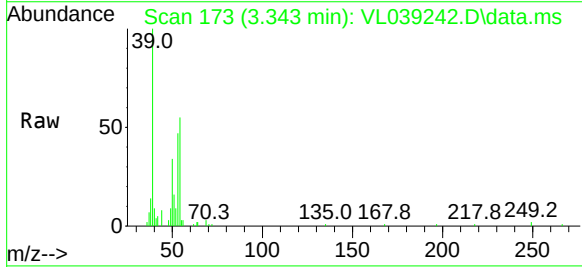
06/09/2022
Supervised By :Mahesh
Dadoda

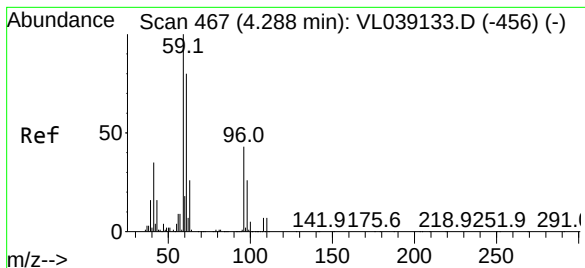
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#16
1,3-Butadiene
Concen: 0.583 ppbv m
RT: 3.343 min Scan# 173
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

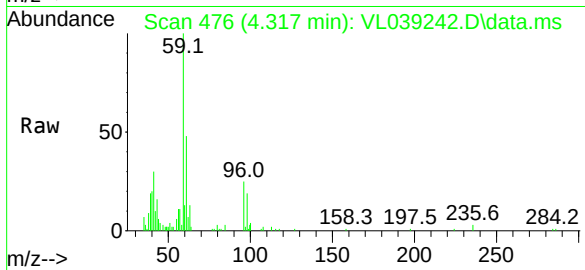
Tgt Ion: 39 Resp: 31761
Ion Ratio Lower Upper
39 100
54 0.0 65.8 98.6#





#17
tert-Butyl alcohol
Concen: 0.655 ppbv m
RT: 4.317 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



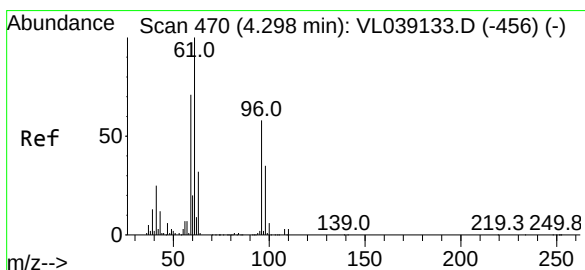
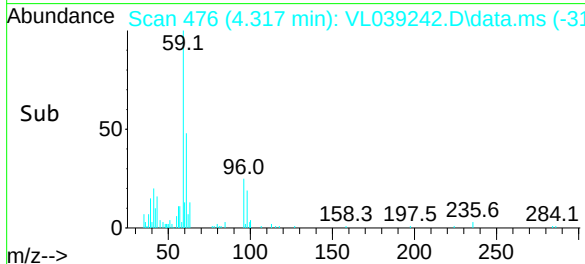
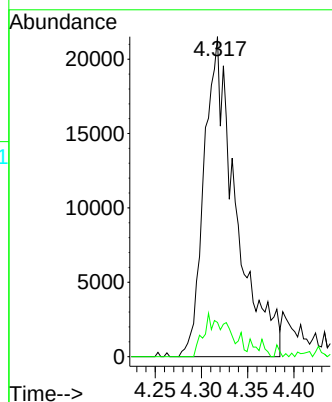
Tgt Ion: 59 Resp: 51456
Ion Ratio Lower Upper
59 100
57 12.9 9.1 13.7

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Yesilyurt

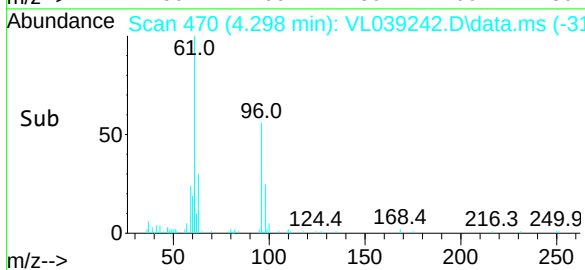
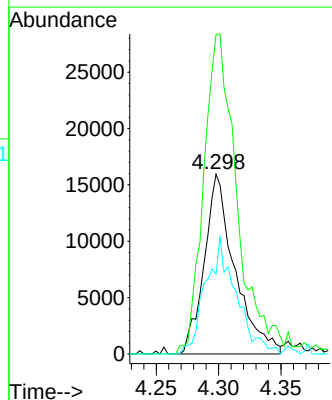
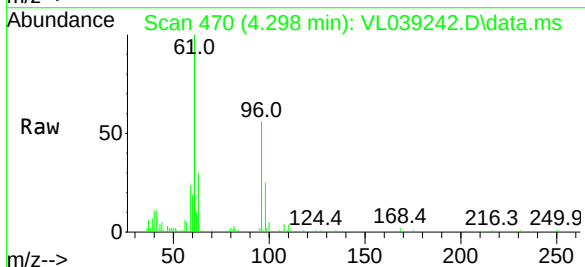
06/09/2022
Supervised By :Mahesh
Dadoda

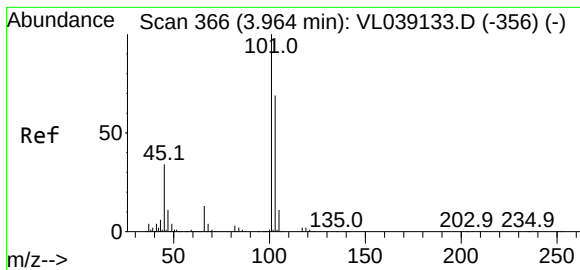
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#18
1,1-Dichloroethene
Concen: 0.594 ppbv
RT: 4.298 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

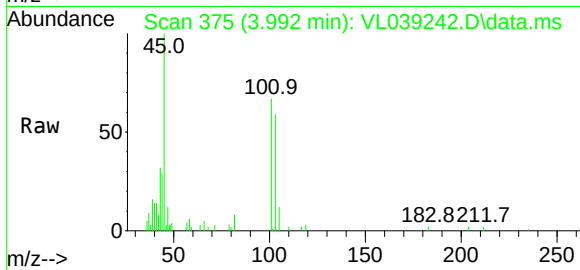
Tgt Ion: 96 Resp: 27240
Ion Ratio Lower Upper
96 100
61 170.1 138.4 207.6
98 43.5 47.8 71.8#





#19
Isopropyl Alcohol
Concen: 0.504 ppbv m
RT: 3.992 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



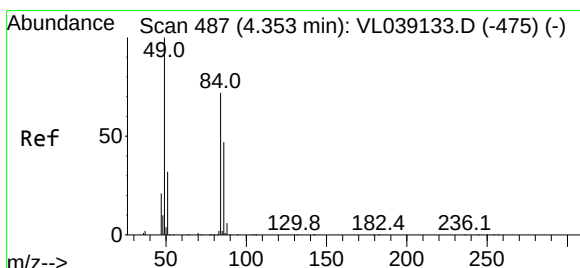
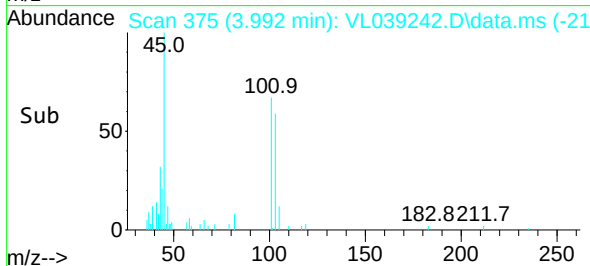
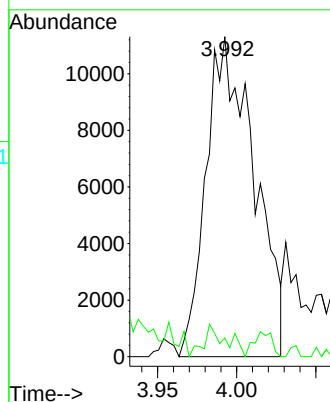
Tgt Ion: 45 Resp: 23949
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

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Yesilyurt

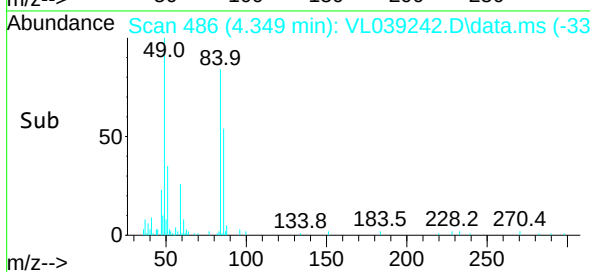
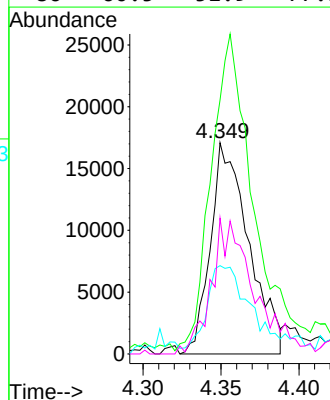
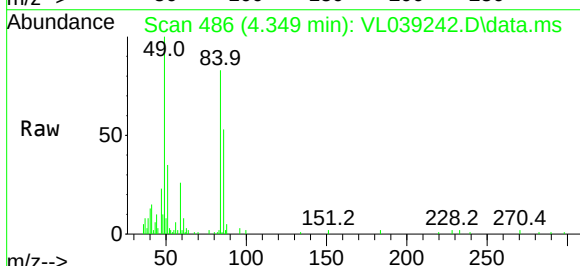
06/09/2022
Supervised By :Mahesh
Dadoda

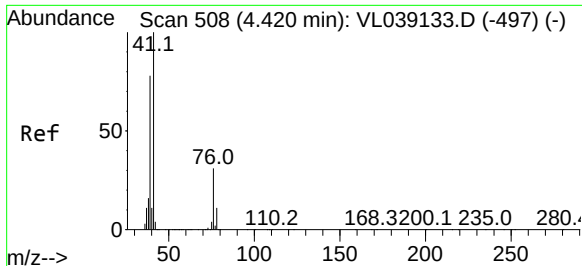
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#20
Methylene Chloride
Concen: 0.684 ppbv
RT: 4.349 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

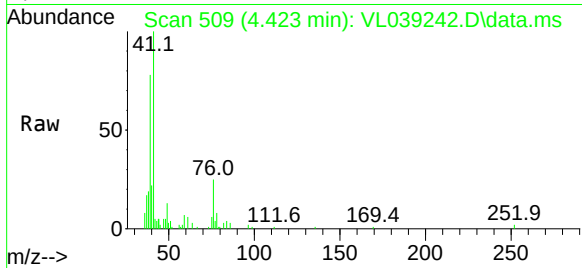
Tgt Ion: 84 Resp: 29219
Ion Ratio Lower Upper
84 100
49 109.5 111.1 166.7#
51 39.2 35.3 52.9
86 60.5 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.580 ppbv m
 RT: 4.423 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



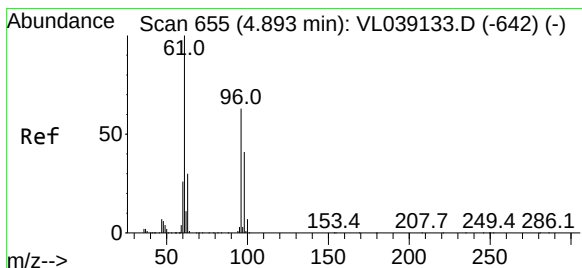
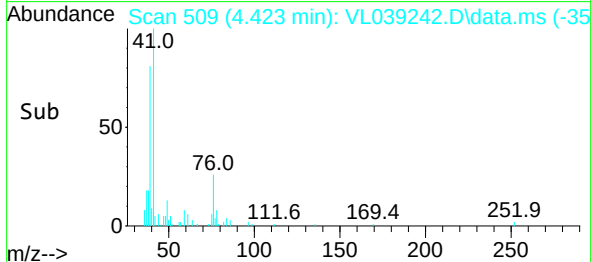
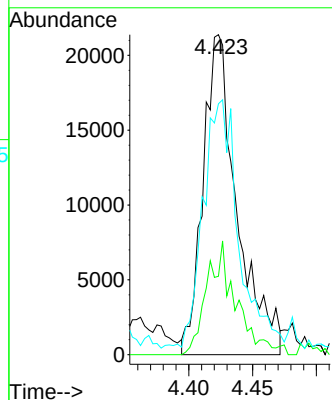
Tgt Ion: 41 Resp: 39670
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.2 36.2
 39 90.7 62.2 93.2

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 Yesilyurt

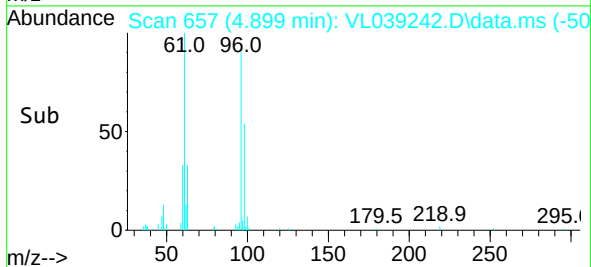
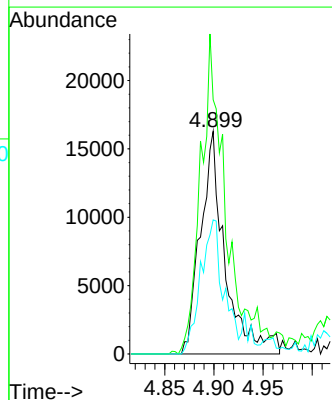
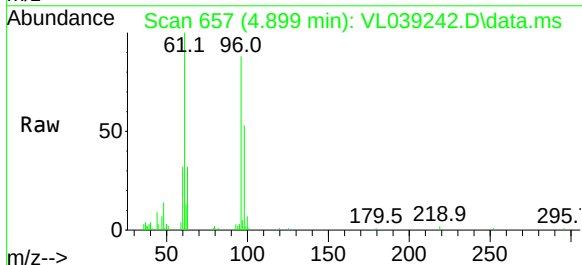
06/09/2022
 Supervised By :Mahesh
 Dadoda

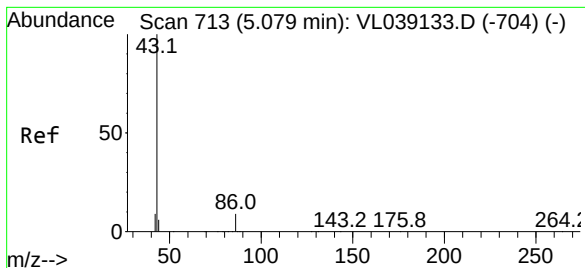
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#22
 trans-1,2-Dichloroethene
 Concen: 0.640 ppbv m
 RT: 4.899 min Scan# 657
 Delta R.T. 0.006 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

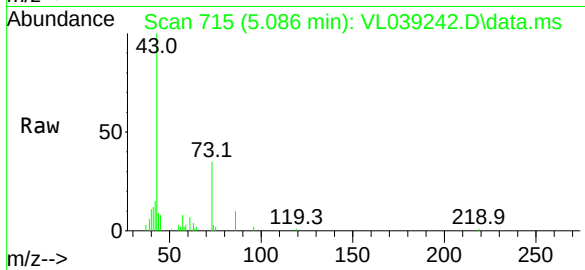
Tgt Ion: 96 Resp: 28252
 Ion Ratio Lower Upper
 96 100
 61 114.3 126.6 190.0#
 98 60.3 52.5 78.7





#23
 Vinyl Acetate
 Concen: 0.418 ppbv
 RT: 5.086 min Scan# 715
 Delta R.T. 0.006 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

Instrument : MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 3504

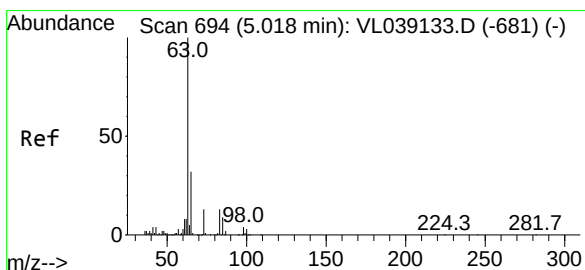
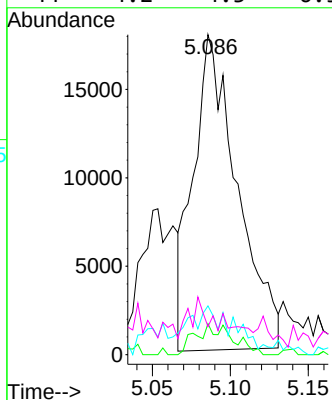
Ion	Ratio	Lower	Upper
43	100		
86	11.1	6.0	9.0
42	12.3	8.2	12.4
44	4.2	4.3	6.5

Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

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 Supervised By :Mahesh
 Dadoda

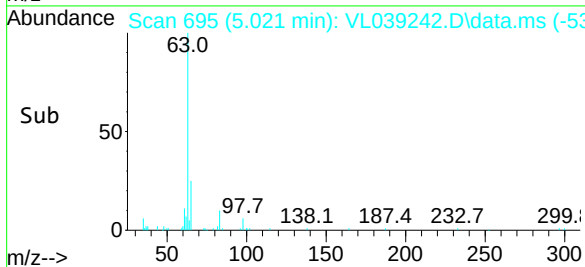
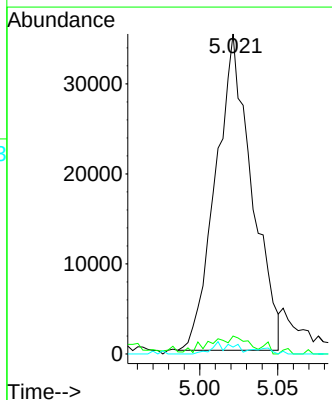
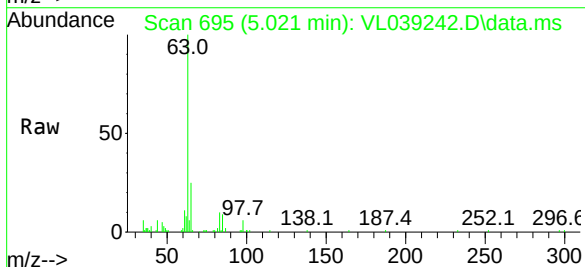
06/09/2022

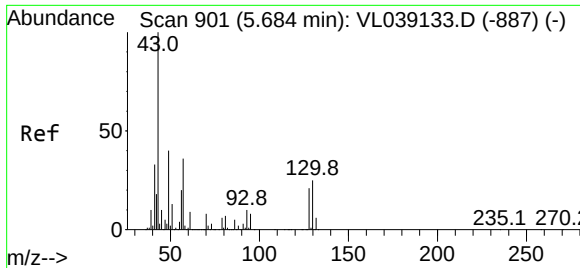


#24
 1,1-Dichloroethane
 Concen: 0.493 ppbv
 RT: 5.021 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

Tgt Ion: 63 Resp: 56671

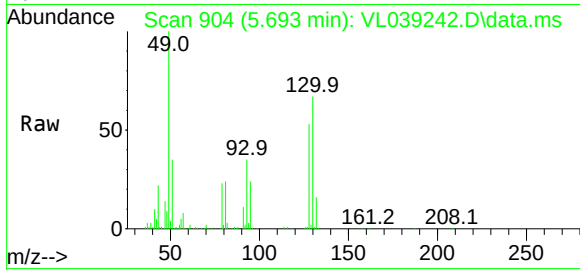
Ion	Ratio	Lower	Upper
63	100		
98	5.7	2.1	6.2
100	2.2	1.5	4.5





#25
Ethyl Acetate
Concen: 0.376 ppbv m
RT: 5.693 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



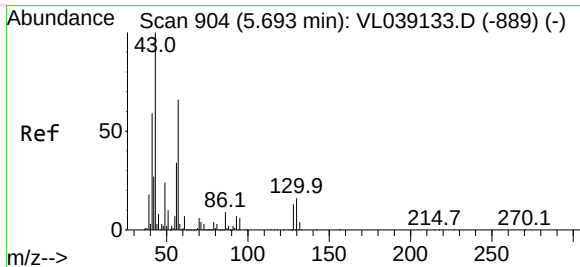
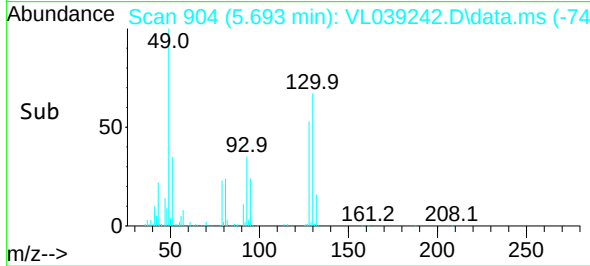
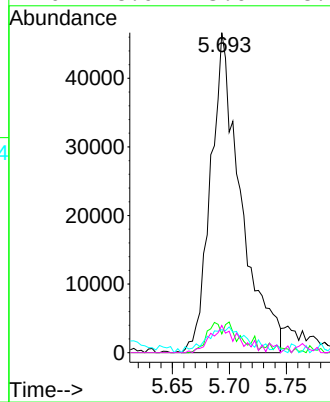
Tgt Ion: 43 Resp: 85904
Ion Ratio Lower Upper
43 100
45 11.3 8.2 12.2
61 11.5 8.4 12.6
70 8.0 5.6 8.4

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

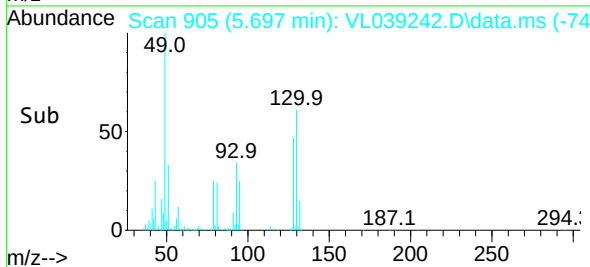
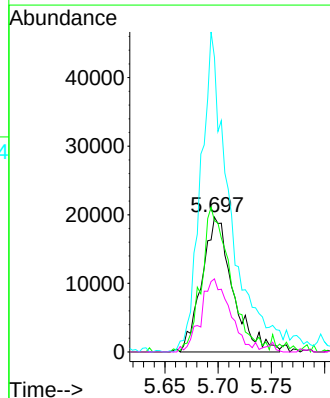
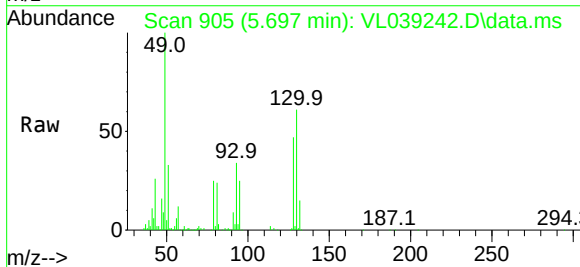
06/09/2022
Supervised By :Mahesh
Dadoda

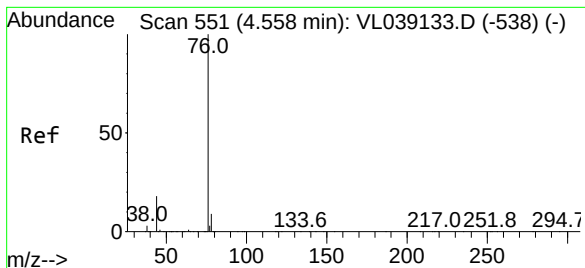
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#26
Hexane
Concen: 0.394 ppbv m
RT: 5.697 min Scan# 905
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

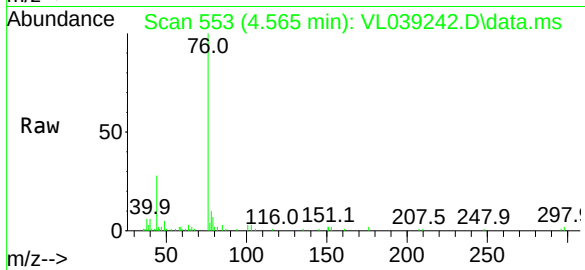
Tgt Ion: 57 Resp: 39598
Ion Ratio Lower Upper
57 100
41 99.8 72.4 108.6
43 237.4 187.0 280.6
56 53.6 41.8 62.6





#27
Carbon Disulfide
Concen: 0.494 ppbv m
RT: 4.565 min Scan# 5134
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



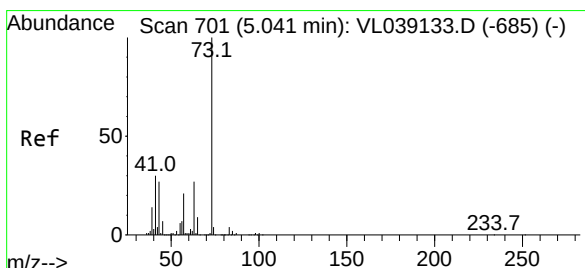
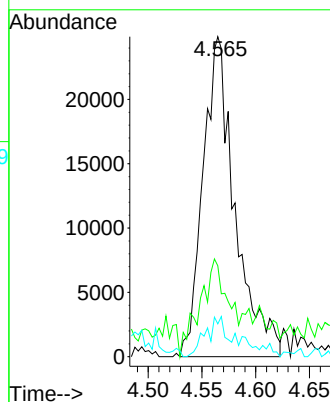
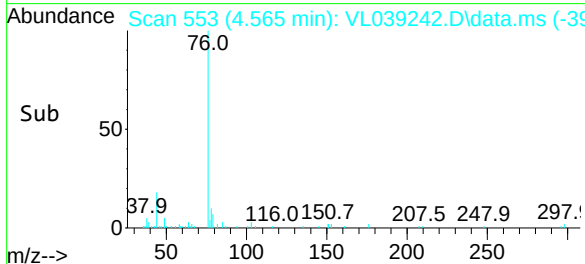
Tgt Ion: 76 Resp: 51344
Ion Ratio Lower Upper
76 100
44 28.3 14.4 21.6
78 13.3 7.7 11.5

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Reviewed By :Semsettin
Yesilyurt

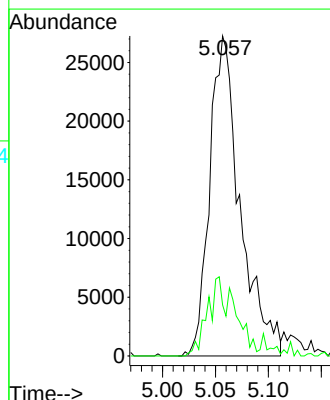
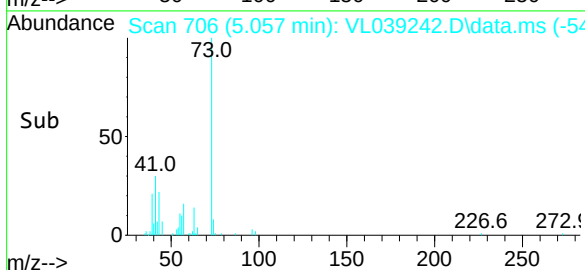
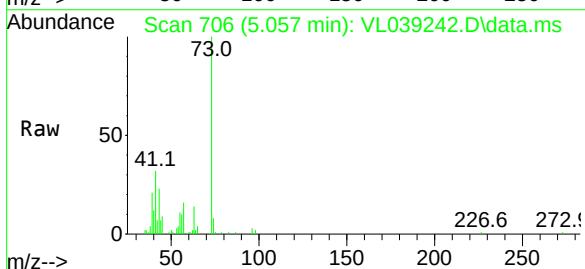
06/09/2022
Supervised By :Mahesh
Dadoda

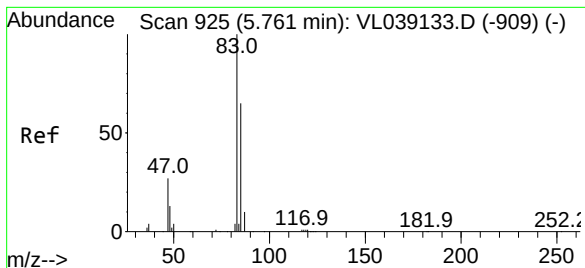
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#28
Methyl tert-Butyl Ether
Concen: 0.492 ppbv m
RT: 5.057 min Scan# 706
Delta R.T. 0.016 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

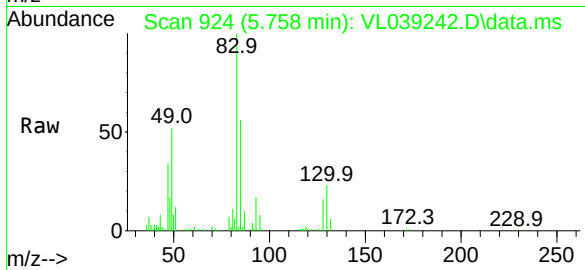
Tgt Ion: 73 Resp: 54512
Ion Ratio Lower Upper
73 100
57 23.9 18.6 27.8





#29
Chloroform
Concen: 0.453 ppbv
RT: 5.758 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



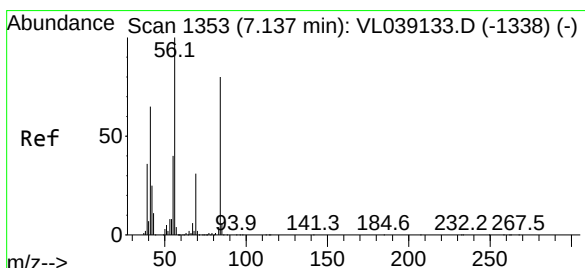
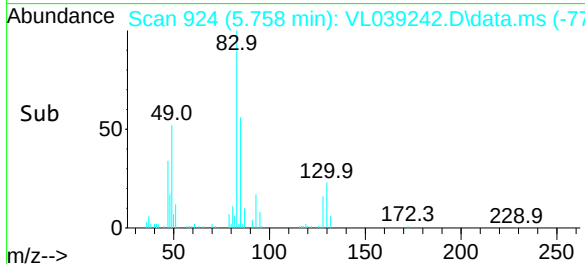
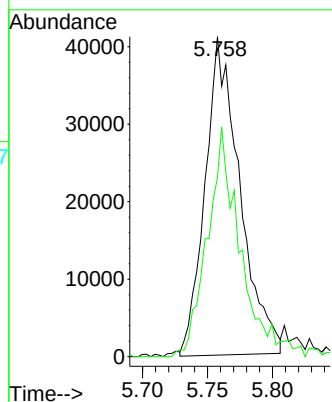
Tgt Ion: 83 Resp: 7651
Ion Ratio Lower Upper
83 100
85 54.6 52.4 78.6

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Reviewed By :Semsettin
Yesilyurt

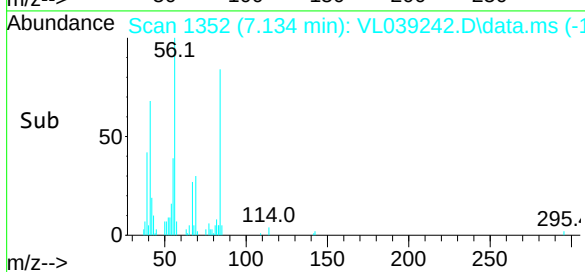
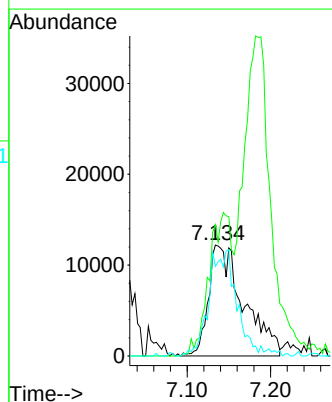
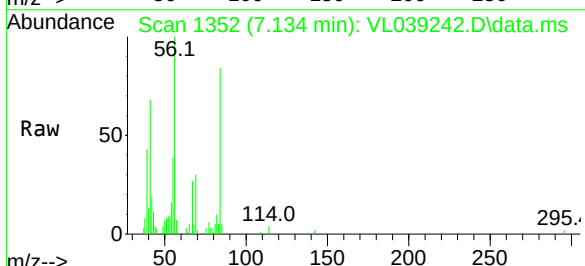
06/09/2022
Supervised By :Mahesh
Dadoda

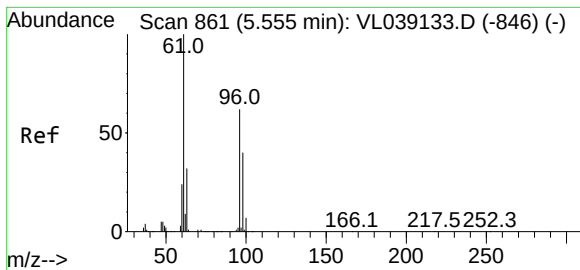
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#30
Cyclohexane
Concen: 0.428 ppbv m
RT: 7.134 min Scan# 1352
Delta R.T. -0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 84 Resp: 36069
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 68.9 103.3#





#31
cis-1,2-Dichloroethene
Concen: 0.403 ppbv
RT: 5.561 min Scan# 861
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

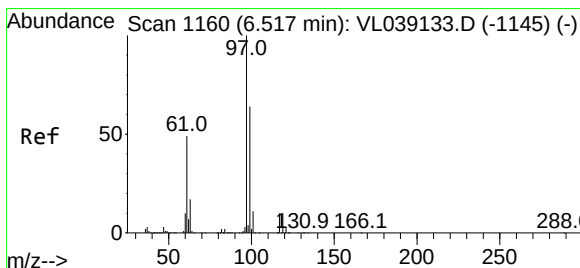
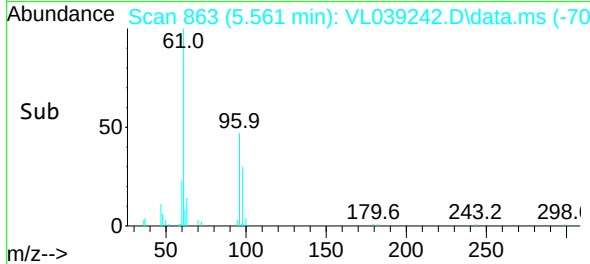
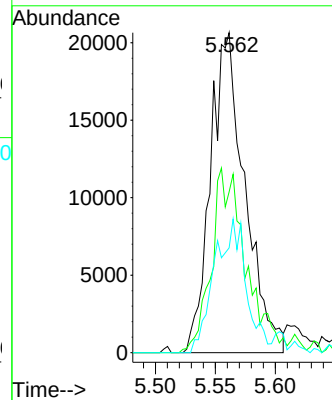
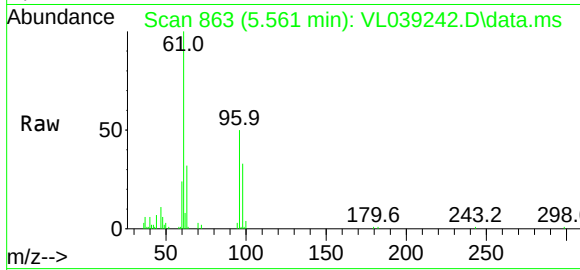
Tgt Ion: 61 Resp: 4128
Ion Ratio Lower Upper
61 100
96 49.2 49.9 74.9
98 32.7 32.0 48.0

Manual Integrations
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Yesilyurt

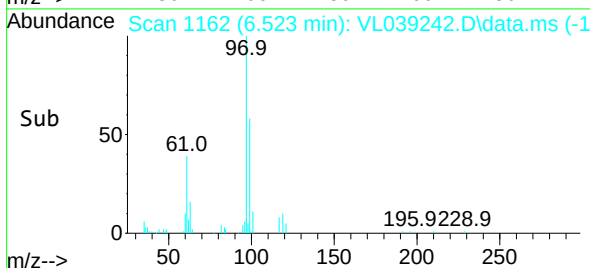
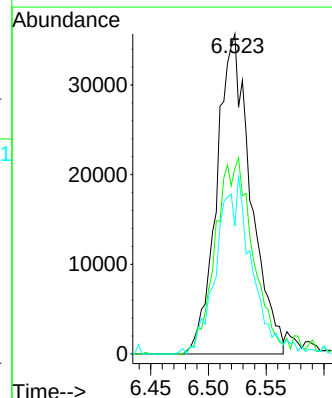
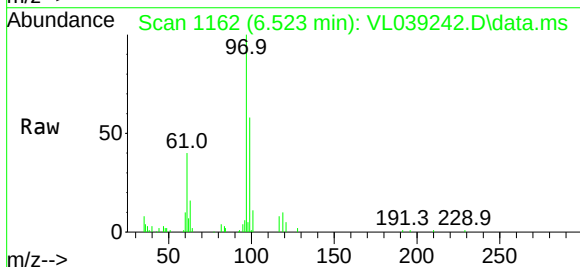
06/09/2022
Supervised By :Mahesh
Dadoda

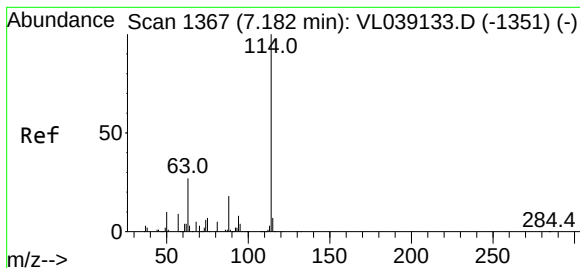
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#32
1,1,1-Trichloroethane
Concen: 0.442 ppbv
RT: 6.523 min Scan# 1162
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

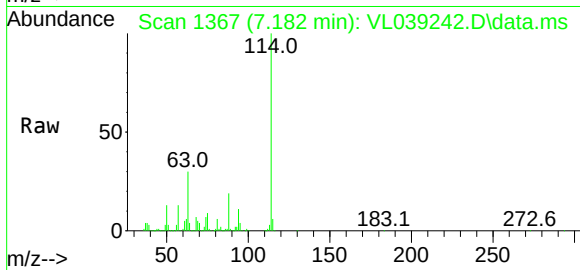
Tgt Ion: 97 Resp: 73069
Ion Ratio Lower Upper
97 100
99 70.2 52.1 78.1
61 57.8 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



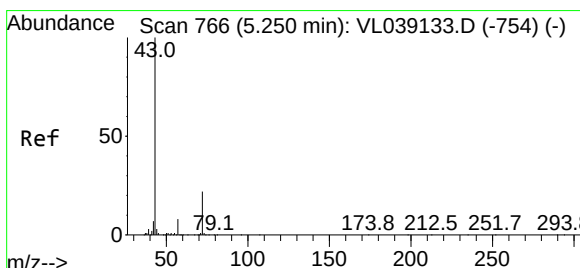
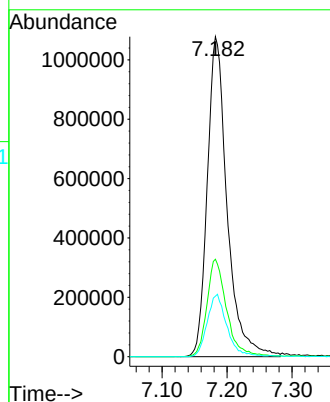
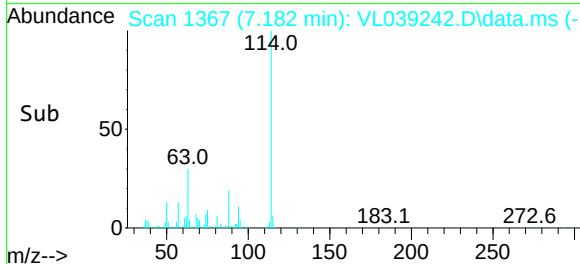
Tgt Ion:114 Resp: 228602
Ion Ratio Lower Upper
114 100
63 30.4 21.7 32.5
88 19.5 14.8 22.2

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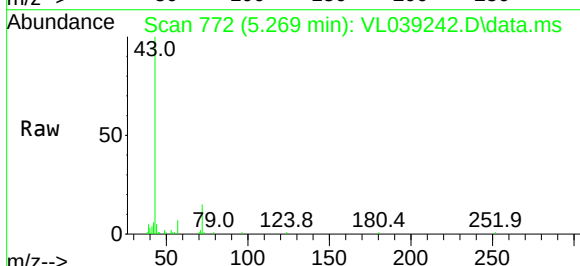
Reviewed By :Semsettin
Yesilyurt

06/09/2022
Supervised By :Mahesh
Dadoda

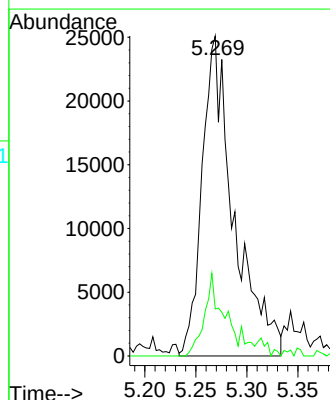
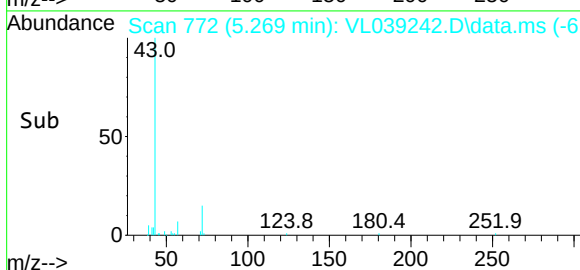
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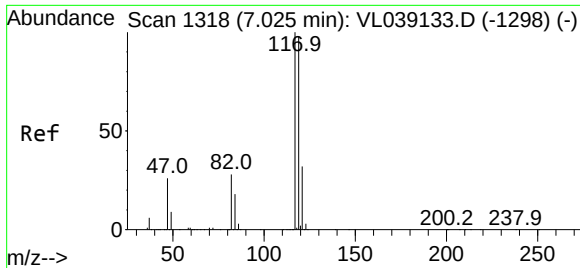


#34
2-Butanone
Concen: 0.438 ppbv m
RT: 5.269 min Scan# 772
Delta R.T. 0.019 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44



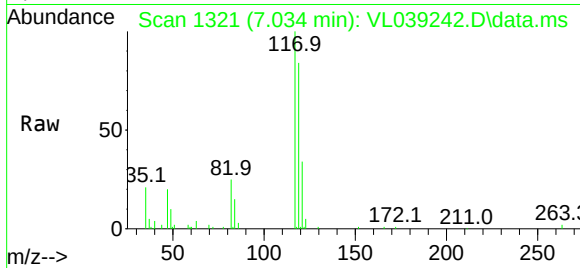
Tgt Ion: 43 Resp: 54370
Ion Ratio Lower Upper
43 100
72 20.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.469 ppbv m
RT: 7.034 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



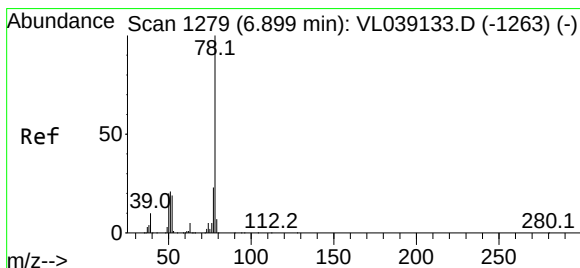
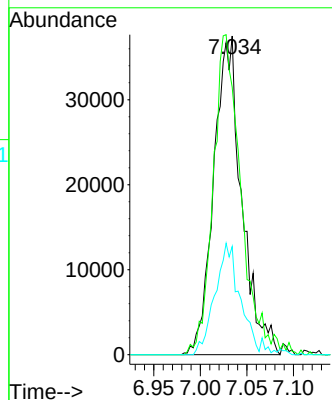
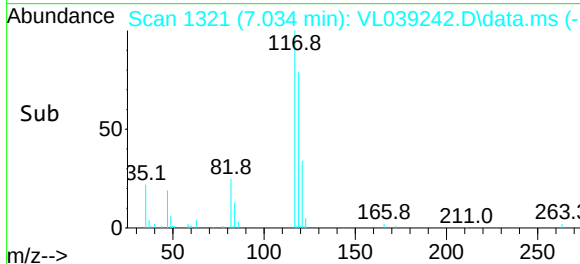
Tgt Ion:117 Resp: 78274
Ion Ratio Lower Upper
117 100
119 83.9 78.6 118.0
121 33.9 25.4 38.0

Manual Integrations
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Yesilyurt

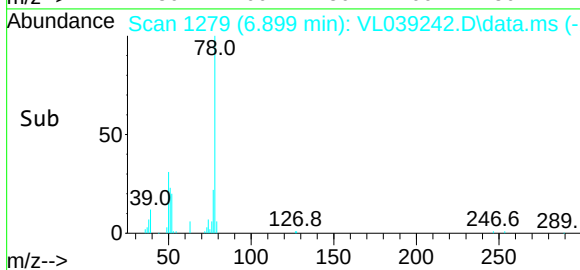
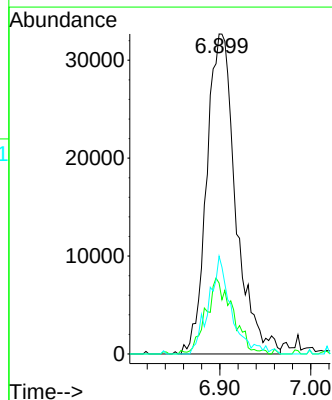
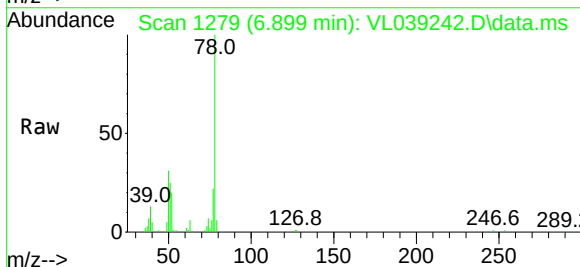
06/09/2022
Supervised By :Mahesh
Dadoda

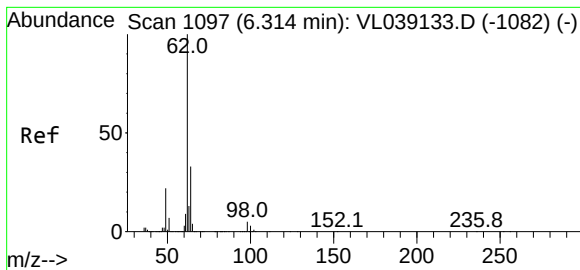
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#36
Benzene
Concen: 0.391 ppbv m
RT: 6.899 min Scan# 1279
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 78 Resp: 72629
Ion Ratio Lower Upper
78 100
77 22.1 18.6 27.8
50 30.6 15.8 23.8#





#37
1,2-Dichloroethane
Concen: 0.494 ppbv m
RT: 6.317 min Scan# 1097
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

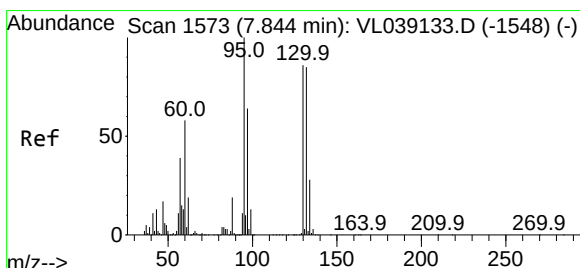
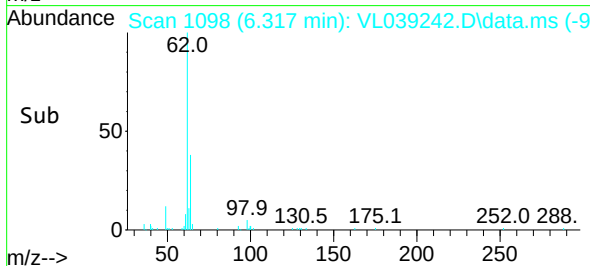
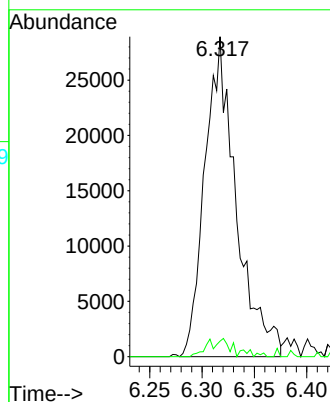
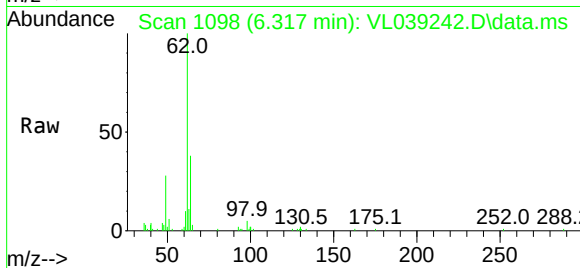
Tgt Ion: 62 Resp: 6034
Ion Ratio Lower Upper
62 100
98 4.2 4.3 6.5

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Yesilyurt

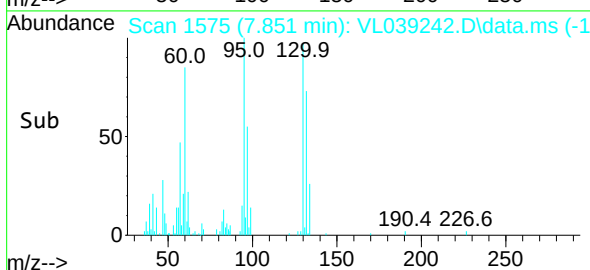
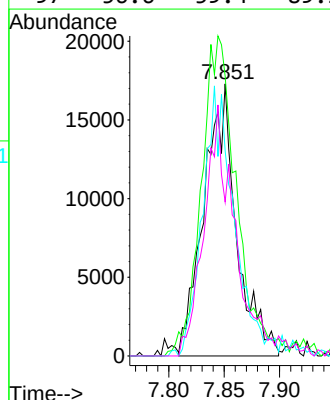
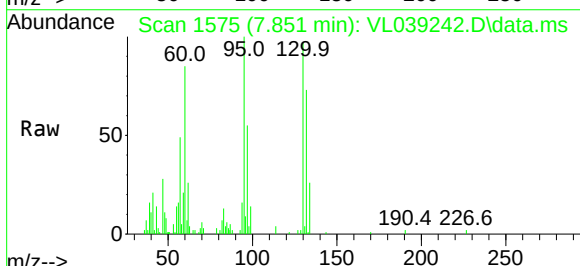
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Supervised By :Mahesh
Dadoda

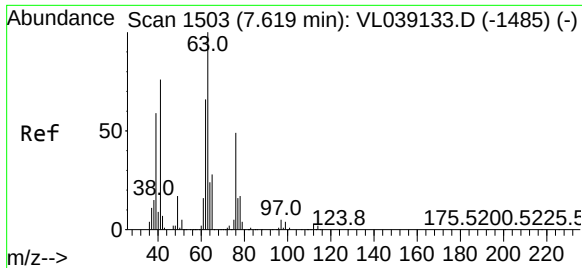
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#38
Trichloroethene
Concen: 0.414 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

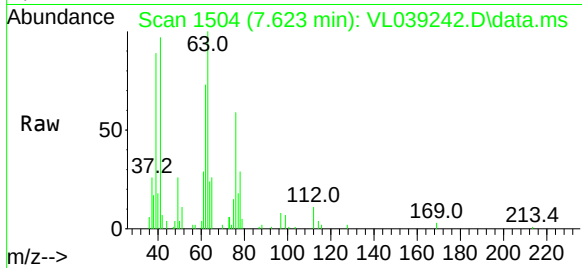
Tgt Ion:130 Resp: 35306
Ion Ratio Lower Upper
130 100
95 102.8 93.3 139.9
132 75.3 79.0 118.4#
97 56.6 59.4 89.2#





#39
1,2-Dichloropropane
Concen: 0.404 ppbv m
RT: 7.623 min Scan# 1504
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



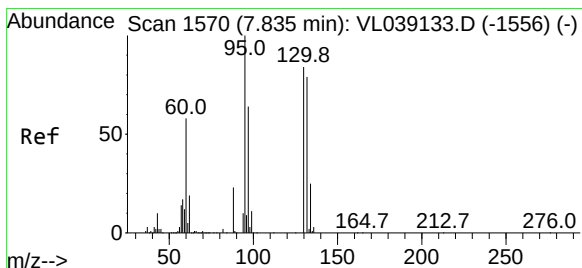
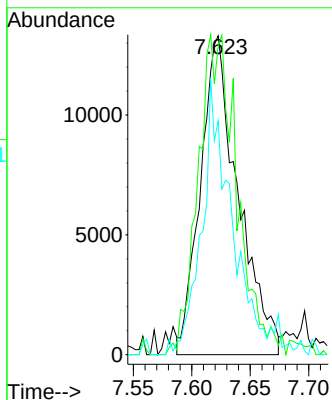
Tgt Ion: 63 Resp: 29840
Ion Ratio Lower Upper
63 100
41 97.0 60.8 91.2
62 73.4 52.9 79.3

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Yesilyurt

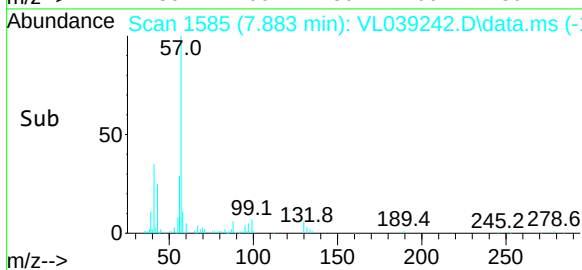
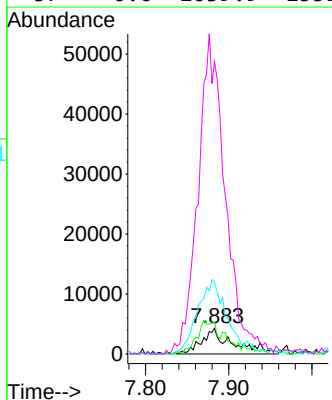
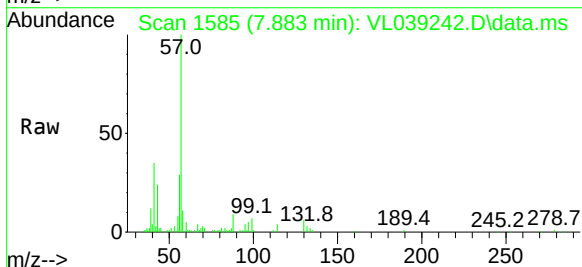
06/09/2022
Supervised By :Mahesh
Dadoda

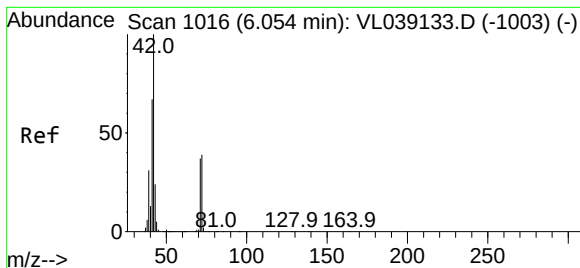
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#40
1,4-Dioxane
Concen: 0.454 ppbv m
RT: 7.883 min Scan# 1585
Delta R.T. 0.048 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

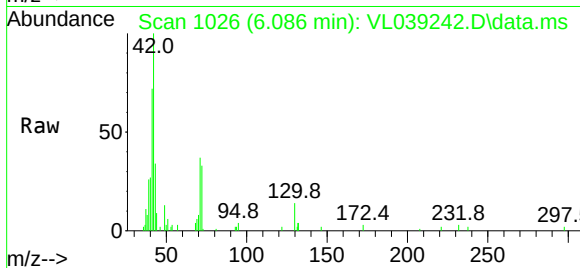
Tgt Ion: 88 Resp: 11029
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.346 ppbv
RT: 6.086 min Scan# 1016
Delta R.T. 0.032 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



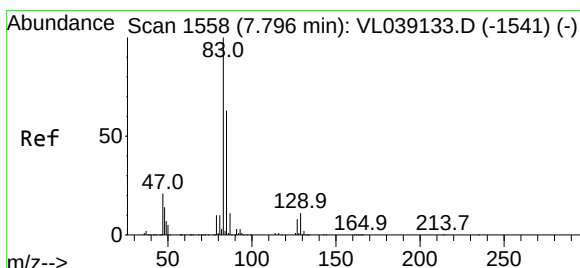
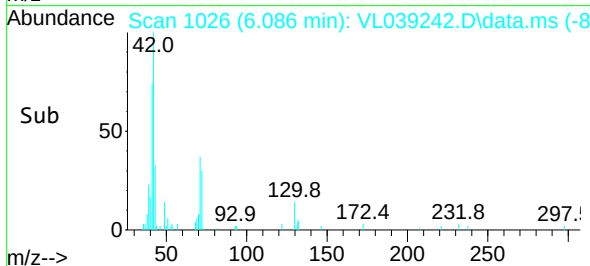
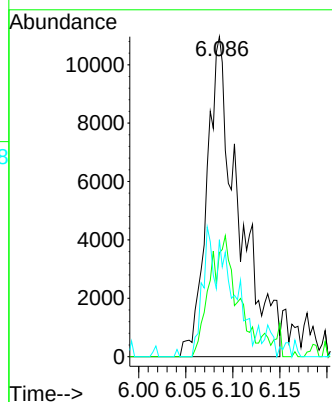
Tgt Ion: 42 Resp: 25830
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0
71 0.0 31.1 46.7

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Yesilyurt

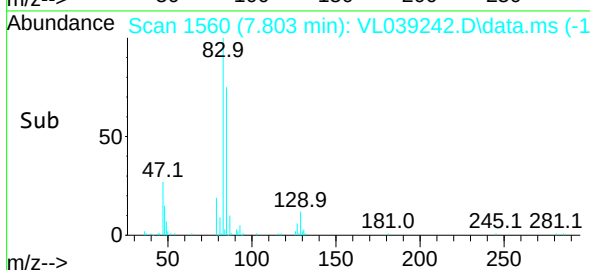
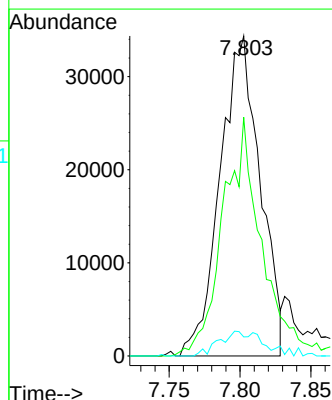
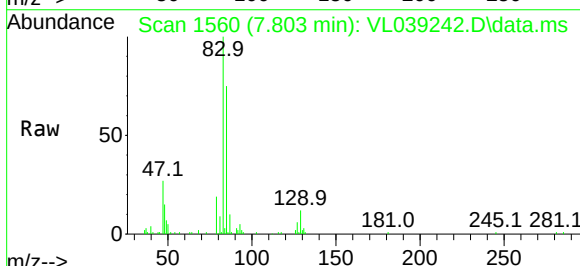
06/09/2022
Supervised By :Mahesh
Dadoda

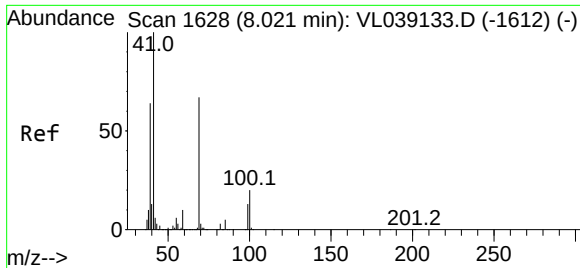
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#42
Bromodichloromethane
Concen: 0.398 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

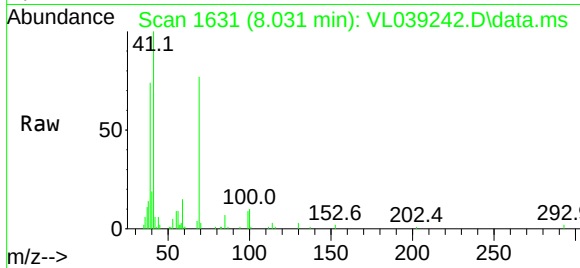
Tgt Ion: 83 Resp: 67537
Ion Ratio Lower Upper
83 100
85 74.4 50.2 75.4
127 5.9 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.347 ppbv m
RT: 8.031 min Scan# 1631
Delta R.T. 0.010 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



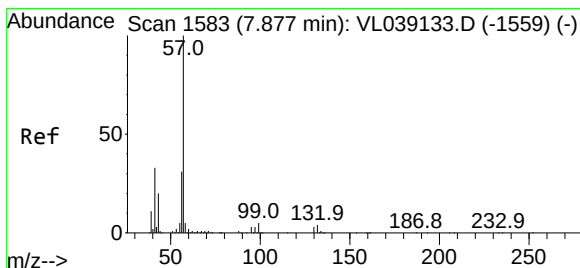
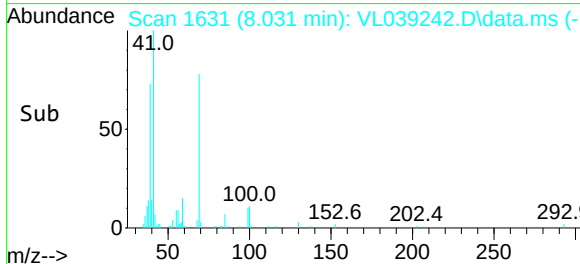
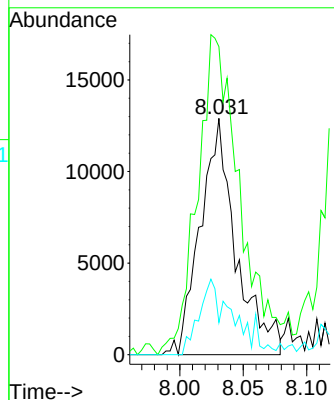
Tgt Ion: 69 Resp: 2506
Ion Ratio Lower Upper
69 100
41 165.4 121.9 182.9
100 32.5 24.1 36.1

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

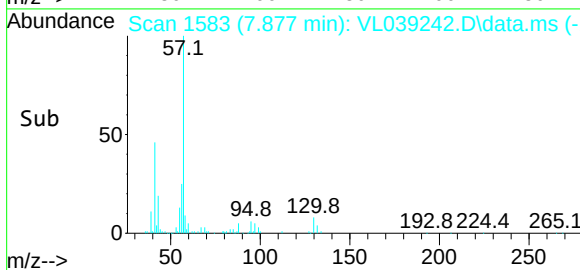
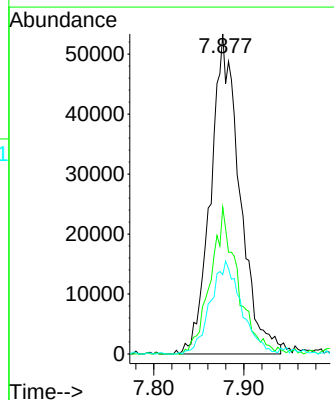
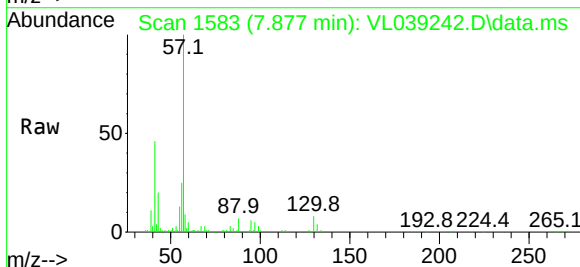
06/09/2022
Supervised By :Mahesh
Dadoda

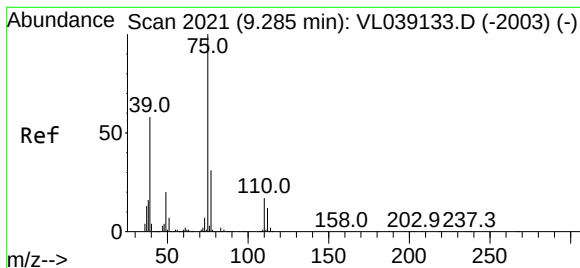
06/09/2022



#44
2,2,4-Trimethylpentane
Concen: 0.370 ppbv m
RT: 7.877 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion: 57 Resp: 120185
Ion Ratio Lower Upper
57 100
41 43.6 26.2 39.4#
56 0.0 24.7 37.1#





#45
t-1,3-Dichloropropene
Concen: 0.309 ppbv m
RT: 9.285 min Scan# 2021
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022

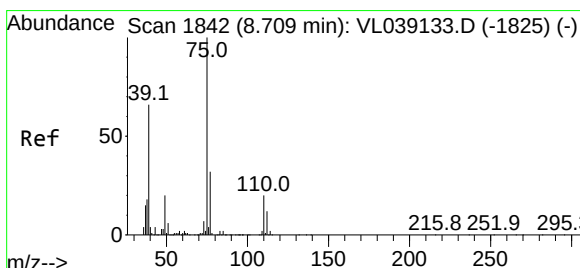
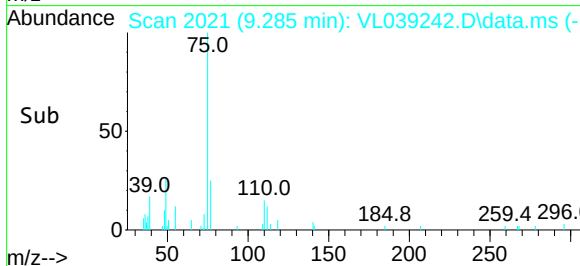
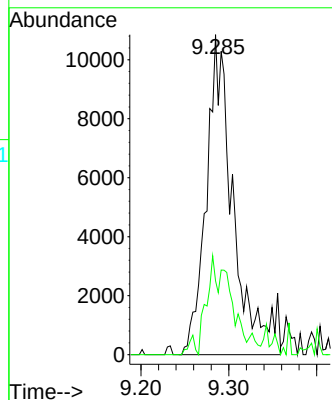
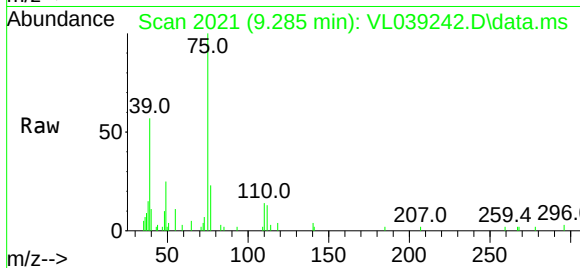
Tgt Ion: 75 Resp: 23248
Ion Ratio Lower Upper
75 100
77 23.1 24.4 36.6

Manual Integrations
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Reviewed By : Semsettin
Yesilyurt

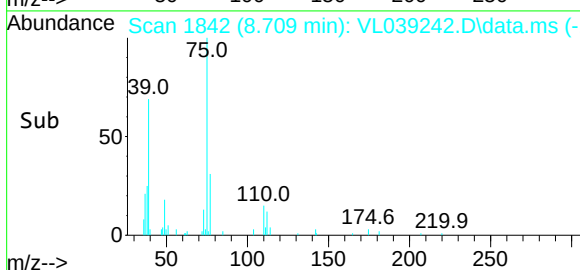
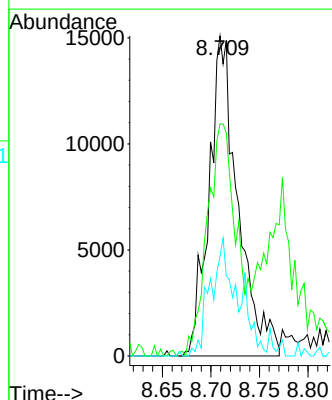
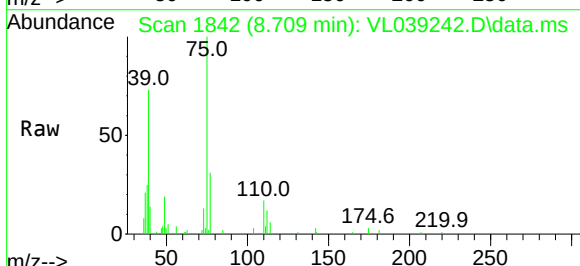
06/09/2022
Supervised By : Mahesh
Dadoda

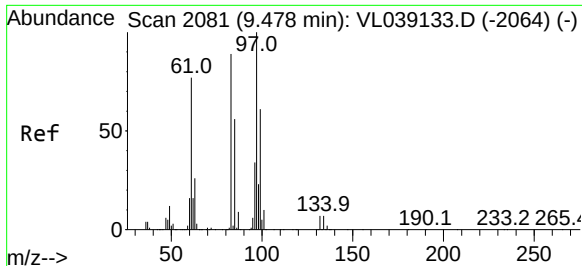
06/09/2022



#46
cis-1,3-Dichloropropene
Concen: 0.315 ppbv m
RT: 8.709 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

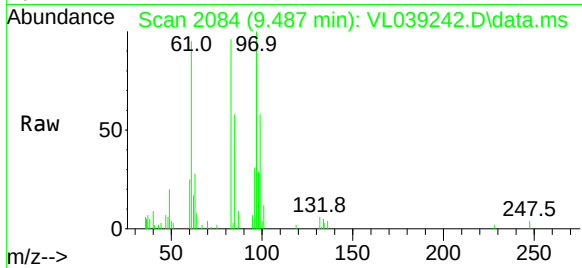
Tgt Ion: 75 Resp: 31355
Ion Ratio Lower Upper
75 100
39 72.6 52.4 78.6
77 31.1 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 0.417 ppbv m
RT: 9.487 min Scan# 2081
Delta R.T. 0.010 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



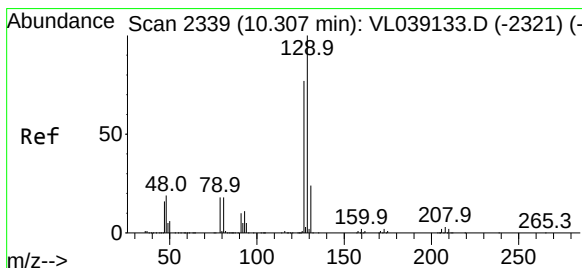
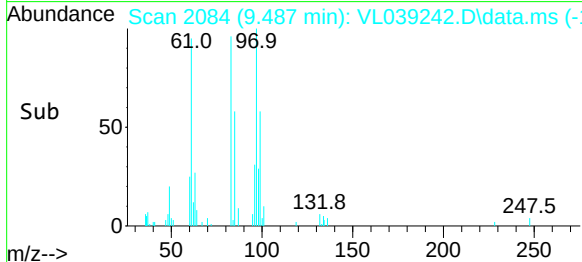
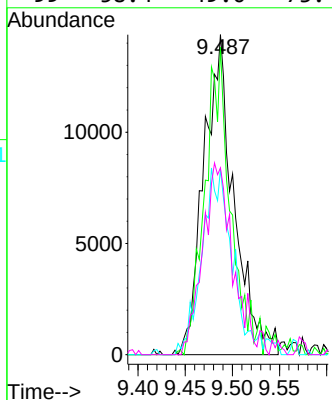
Tgt Ion: 97 Resp: 3208
Ion Ratio Lower Upper
97 100
83 96.0 71.6 107.4
85 57.9 44.8 67.2
99 58.4 49.0 73.4

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

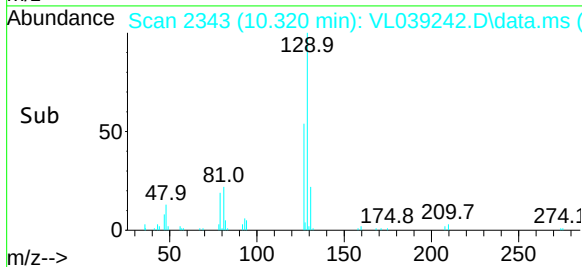
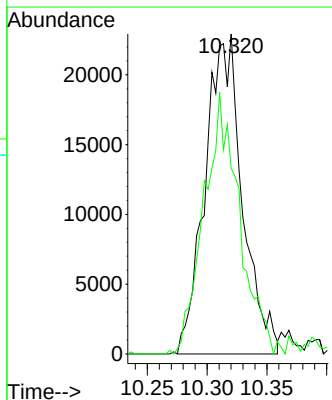
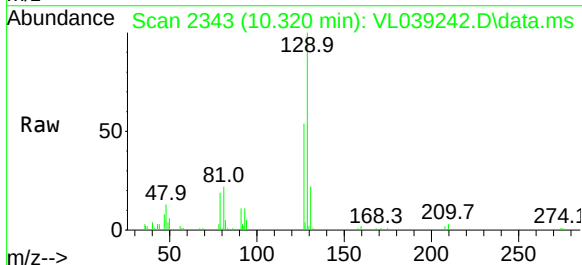
06/09/2022
Supervised By :Mahesh
Dadoda

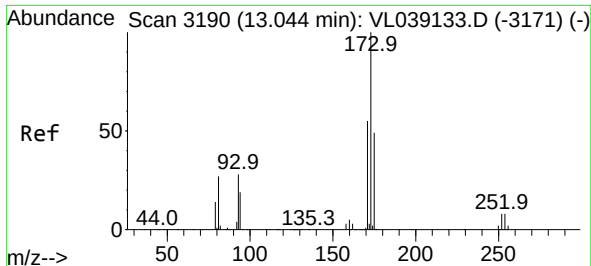
06/09/2022



#48
Dibromochloromethane
Concen: 0.359 ppbv m
RT: 10.320 min Scan# 2343
Delta R.T. 0.013 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

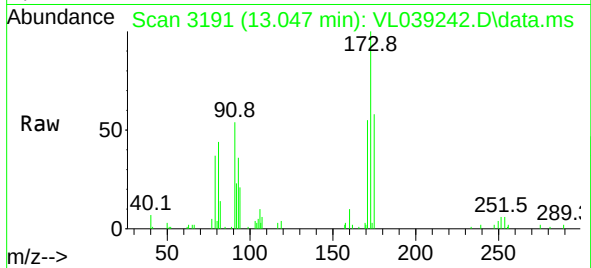
Tgt Ion:129 Resp: 49362
Ion Ratio Lower Upper
129 100
127 78.3 40.0 119.9





#49
Bromoform
Concen: 0.335 ppbv m
RT: 13.047 min Scan# 3190
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



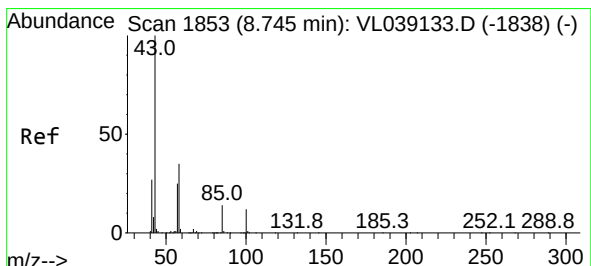
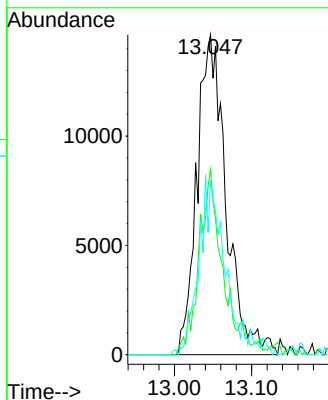
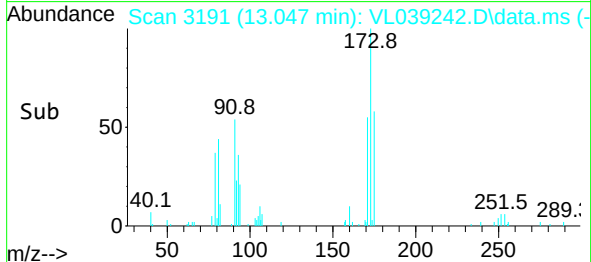
Tgt Ion:173 Resp: 38372
Ion Ratio Lower Upper
173 100
175 48.6 40.2 60.2
171 51.5 43.9 65.9

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

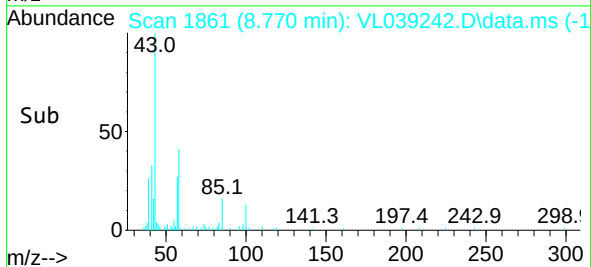
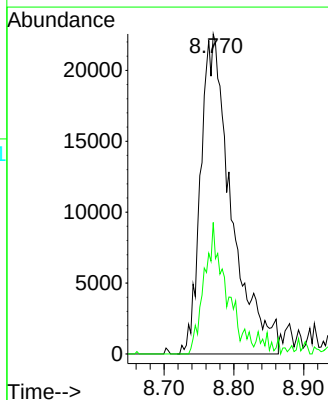
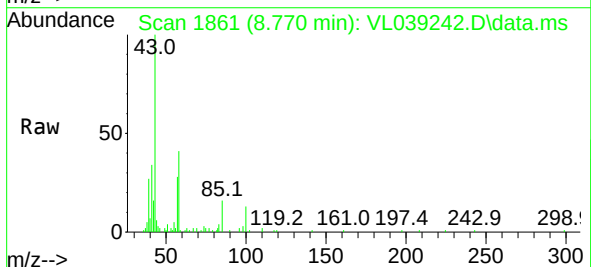
06/09/2022
Supervised By :Mahesh
Dadoda

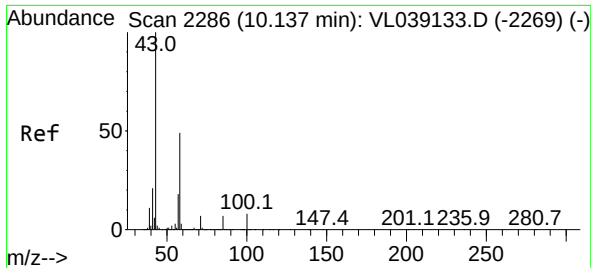
06/09/2022



#50
4-Methyl-2-Pentanone
Concen: 0.371 ppbv m
RT: 8.770 min Scan# 1861
Delta R.T. 0.026 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

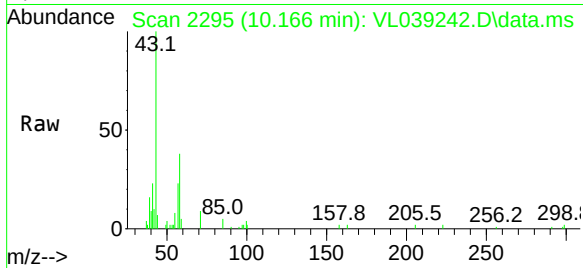
Tgt Ion: 43 Resp: 68880
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#





#51
2-Hexanone
Concen: 0.309 ppbv m
RT: 10.166 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



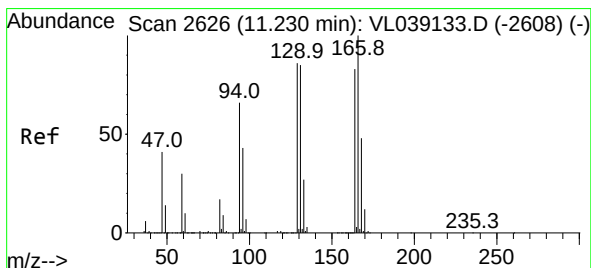
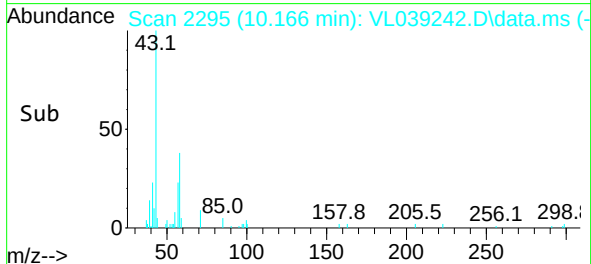
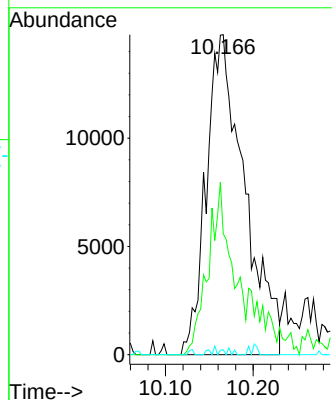
Tgt Ion: 43 Resp: 4477
Ion Ratio Lower Upper
43 100
58 44.5 40.0 60.0
98 0.9 0.1 0.1

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Reviewed By :Semsettin
Yesilyurt

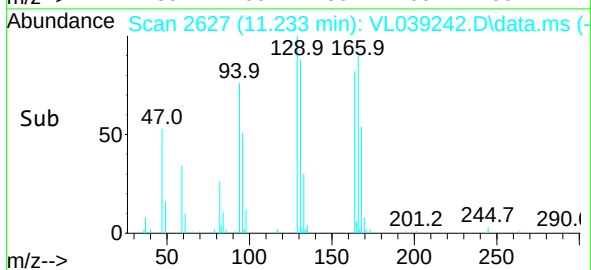
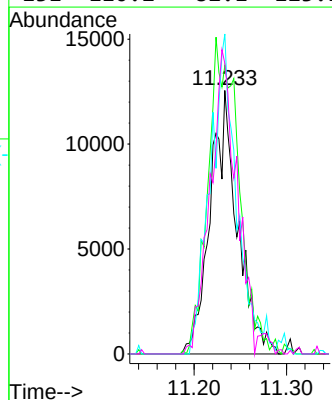
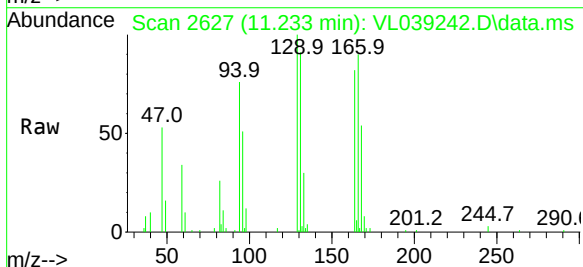
06/09/2022
Supervised By :Mahesh
Dadoda

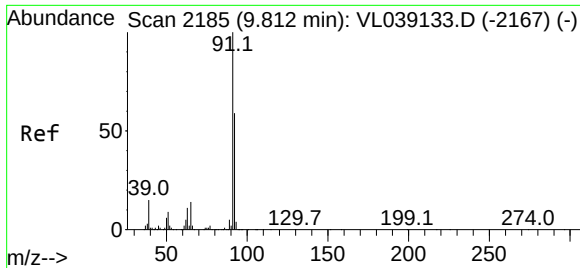
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#52
Tetrachloroethene
Concen: 0.357 ppbv m
RT: 11.233 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

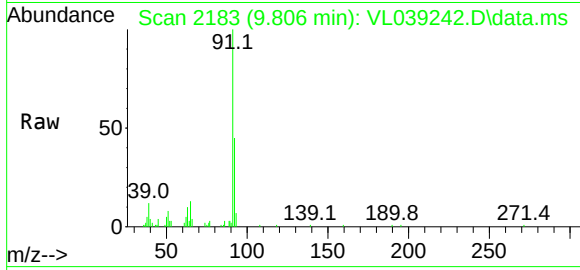
Tgt Ion:164 Resp: 25874
Ion Ratio Lower Upper
164 100
166 109.5 96.3 144.5
129 121.4 82.5 123.7
131 110.2 82.1 123.1





#53
Toluene
Concen: 0.341 ppbv m
RT: 9.806 min Scan# 2185
Delta R.T. -0.007 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



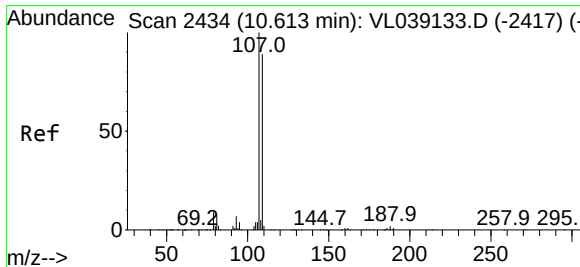
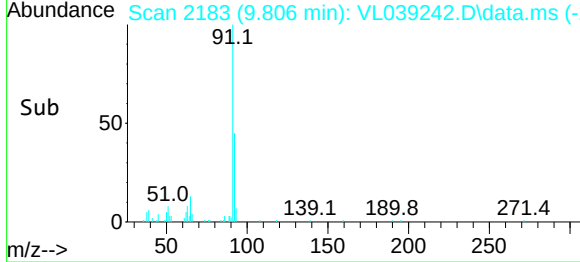
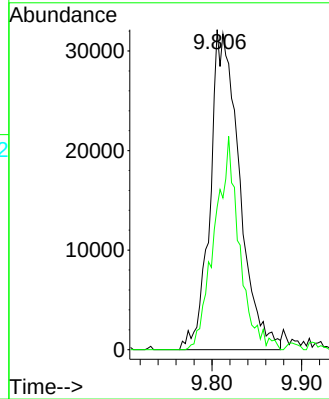
Tgt Ion: 91 Resp: 7279
Ion Ratio Lower Upper
91 100
92 56.6 48.1 72.1

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

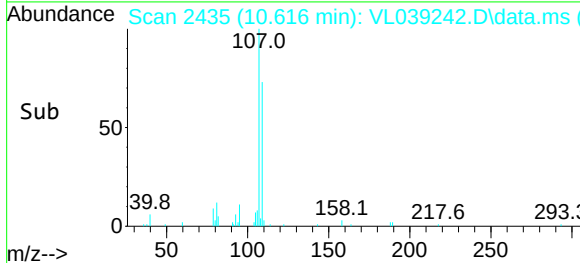
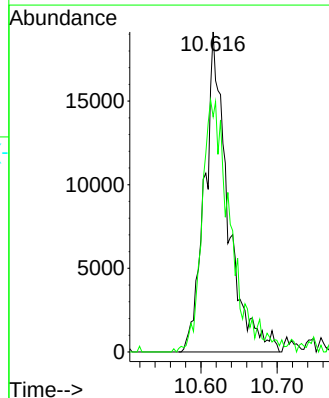
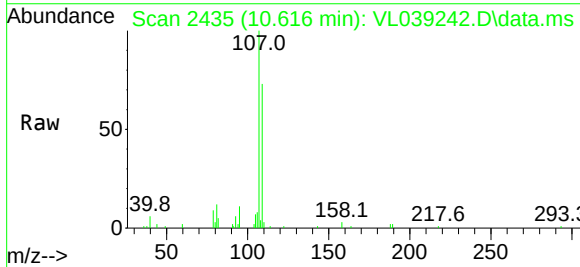
06/09/2022
Supervised By :Mahesh
Dadoda

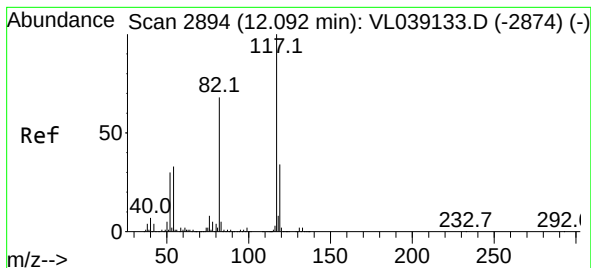
06/09/2022



#54
1,2-Dibromoethane
Concen: 0.392 ppbv m
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:107 Resp: 40571
Ion Ratio Lower Upper
107 100
109 73.5 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 2894

Delta R.T. -0.000 min

Lab File: VL039242.D

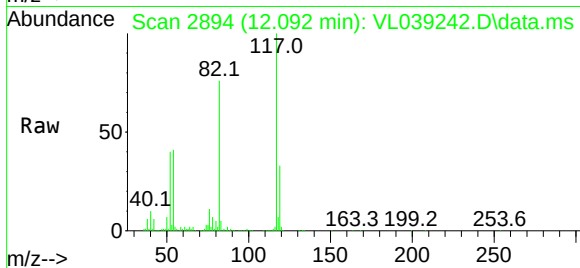
Acq: 8 Jun 2022 19:44

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:117 Resp: 193006

Ion	Ratio	Lower	Upper
117	100		
82	76.1	55.1	82.7
119	34.5	24.7	37.1

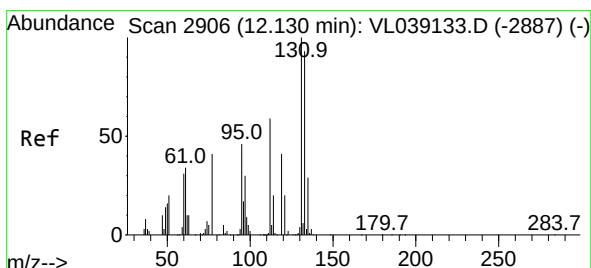
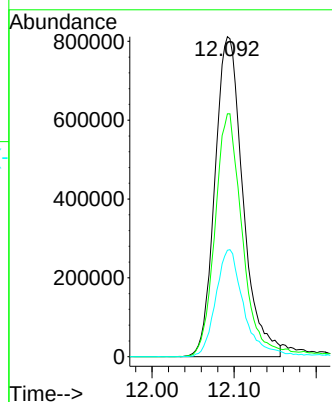
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

06/09/2022

Supervised By :Mahesh
Dadoda

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#56

1,1,1,2-Tetrachloroethane

Concen: 0.450 ppbv m

RT: 12.130 min Scan# 2906

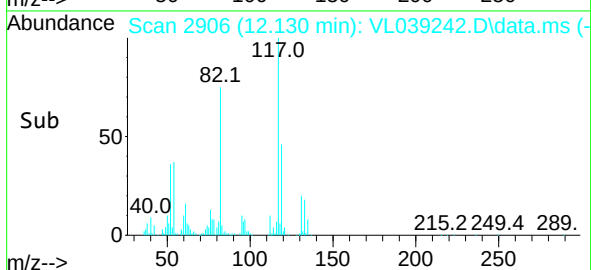
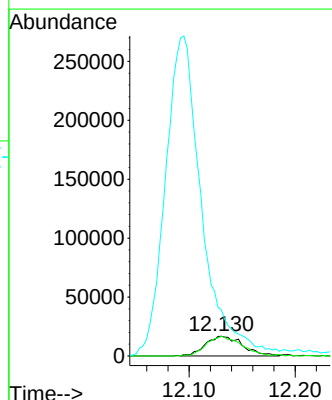
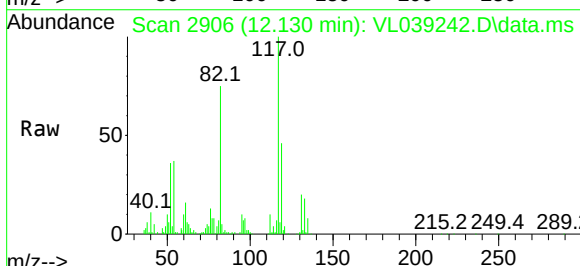
Delta R.T. -0.000 min

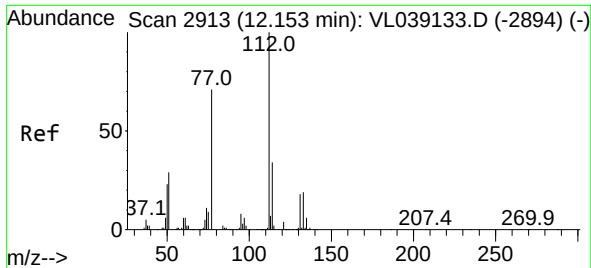
Lab File: VL039242.D

Acq: 8 Jun 2022 19:44

Tgt Ion:131 Resp: 41087

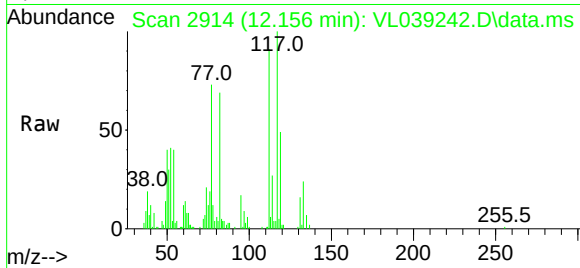
Ion	Ratio	Lower	Upper
131	100		
133	95.6	78.6	117.8
119	0.0	51.7	77.5





#57
Chlorobenzene
Concen: 0.418 ppbv
RT: 12.156 min Scan# 2914
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



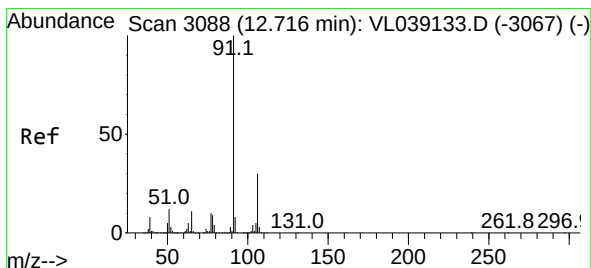
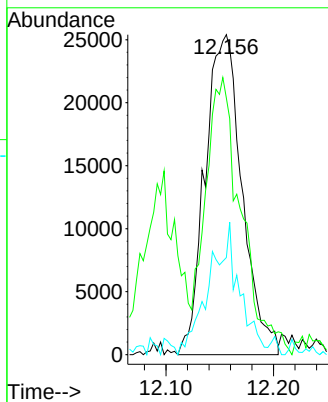
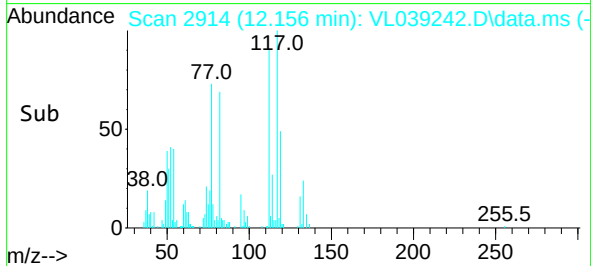
Tgt Ion:112 Resp: 60739
Ion Ratio Lower Upper
112 100
77 73.0 56.5 84.7
114 30.3 30.3 37.1

Manual Integrations
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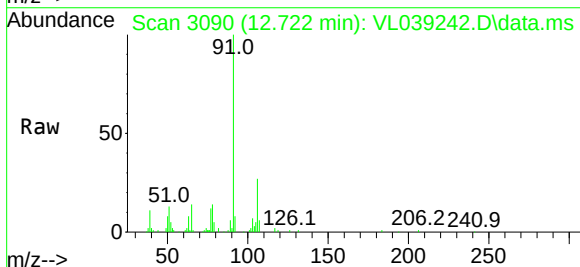
Reviewed By :Semsettin
Yesilyurt

06/09/2022
Supervised By :Mahesh
Dadoda

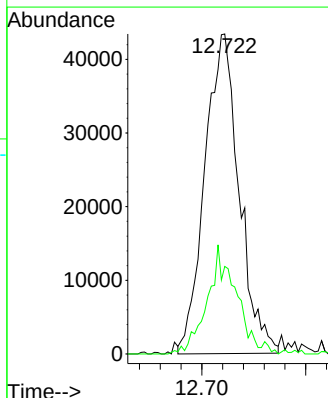
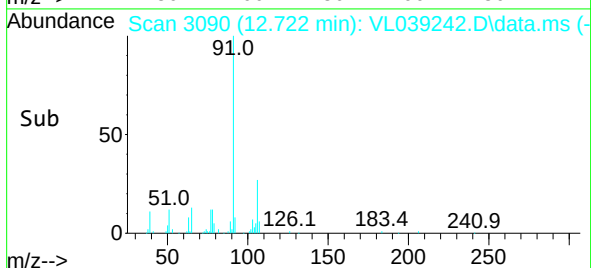
06/09/2022

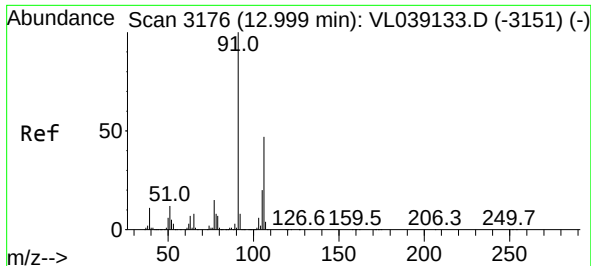


#58
Ethyl Benzene
Concen: 0.374 ppbv
RT: 12.722 min Scan# 3090
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44



Tgt Ion: 91 Resp: 99494
Ion Ratio Lower Upper
91 100
106 27.3 24.2 36.4





#59

m/p-Xylene

Concen: 0.815 ppbv m

RT: 13.005 min Scan# 3176

Delta R.T. 0.006 min

Lab File: VL039242.D

Acq: 8 Jun 2022 19:44

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 19083

Ion Ratio Lower Upper

91 100

106 38.8 34.3 51.5

Manual Integrations

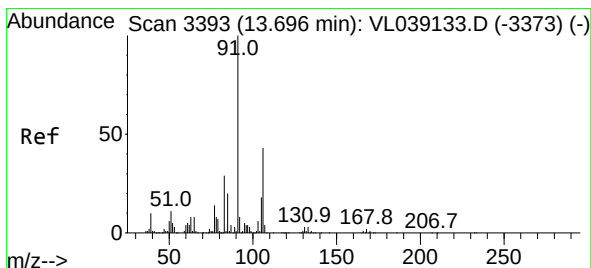
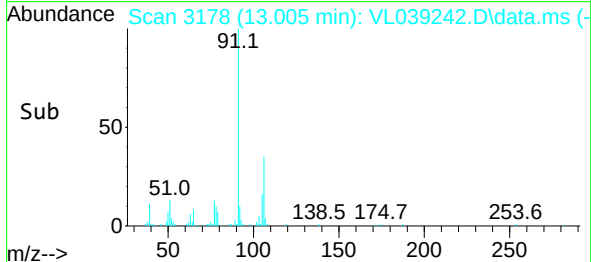
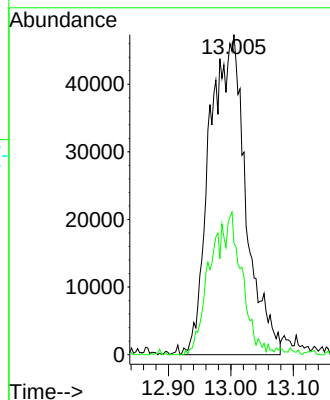
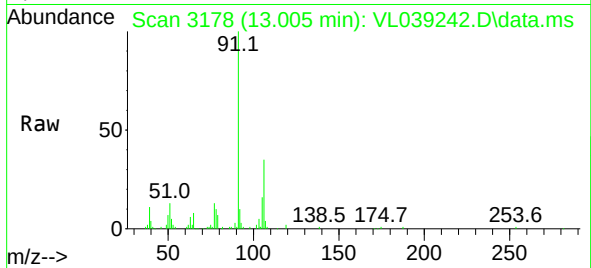
APPROVED

Reviewed By :Semsettin
Yesilyurt

06/09/2022

Supervised By :Mahesh
Dadoda

06/09/2022



#60

o-Xylene

Concen: 0.421 ppbv

RT: 13.699 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VL039242.D

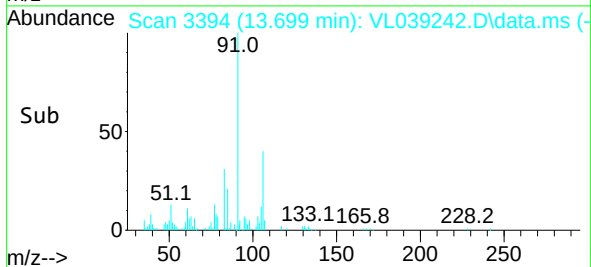
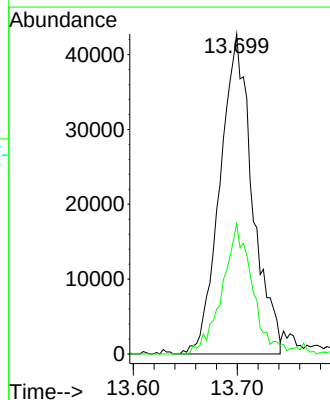
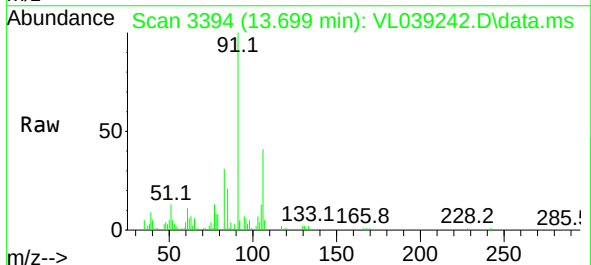
Acq: 8 Jun 2022 19:44

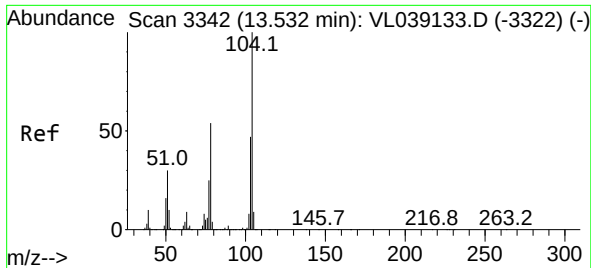
Tgt Ion: 91 Resp: 92566

Ion Ratio Lower Upper

91 100

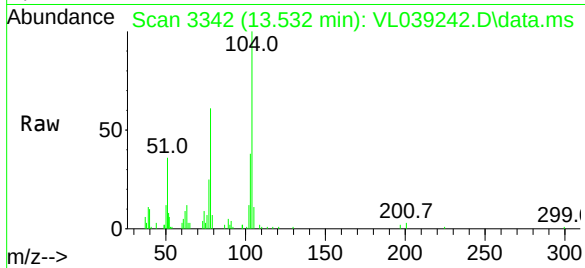
106 38.9 22.3 66.9





#61
Styrene
Concen: 0.345 ppbv m
RT: 13.532 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



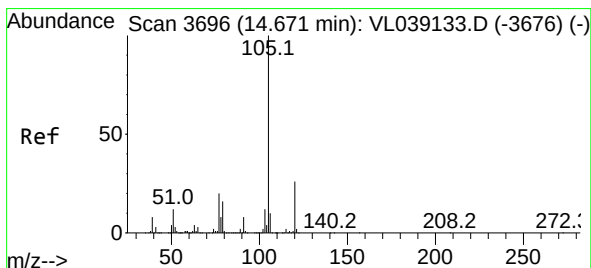
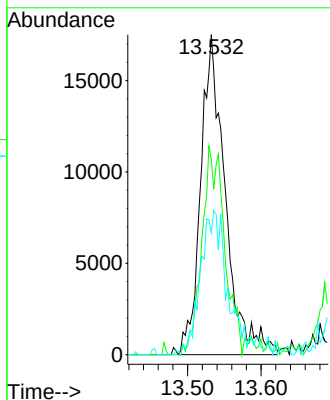
Tgt Ion:104 Resp: 4059
Ion Ratio Lower Upper
104 100
78 64.2 45.7 68.5
103 50.3 39.6 59.4

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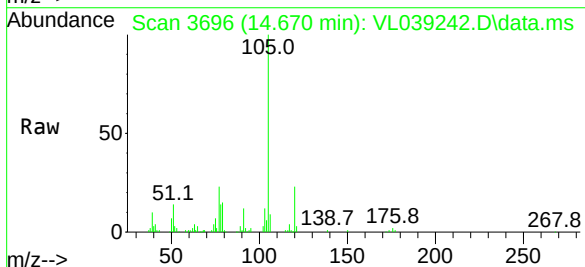
Reviewed By :Semsettin
Yesilyurt

06/09/2022
Supervised By :Mahesh
Dadoda

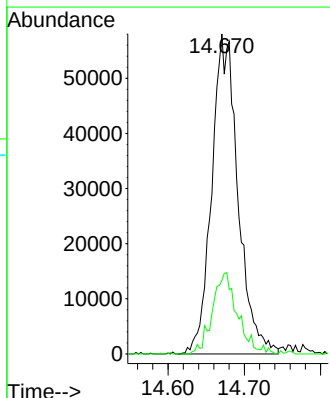
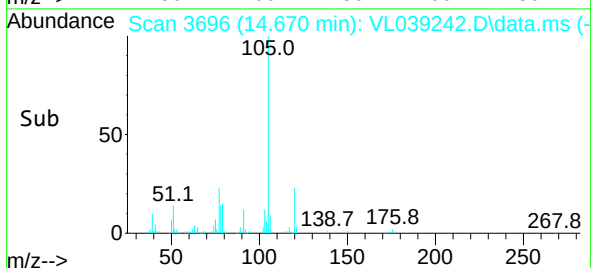
06/09/2022

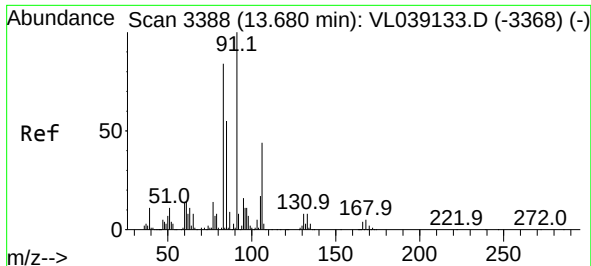


#62
Isopropylbenzene
Concen: 0.425 ppbv m
RT: 14.670 min Scan# 3696
Delta R.T. -0.000 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44



Tgt Ion:105 Resp: 138907
Ion Ratio Lower Upper
105 100
120 0.0 20.3 30.5#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.431 ppbv m
RT: 13.683 min Scan# 317
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

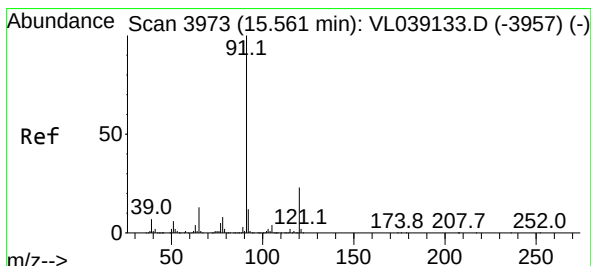
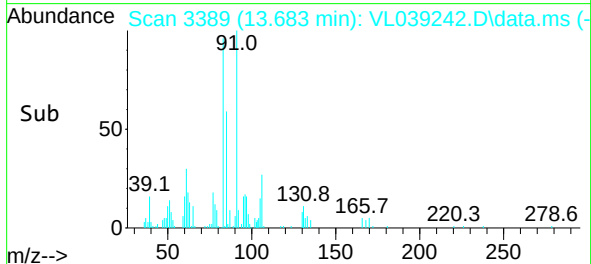
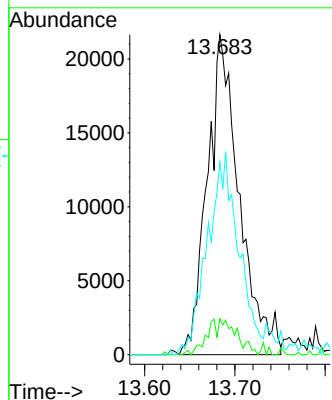
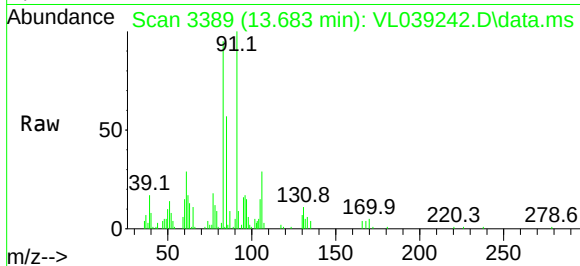
Tgt Ion: 83 Resp: 5317
Ion Ratio Lower Upper
83 100
131 11.0 4.8 14.3
85 65.3 33.0 99.0

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

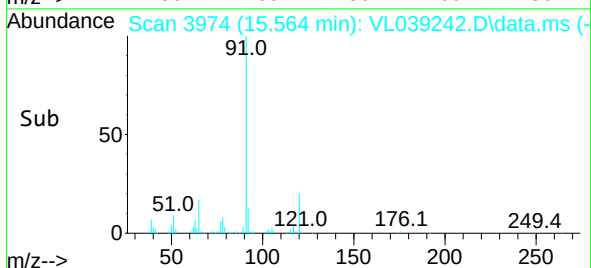
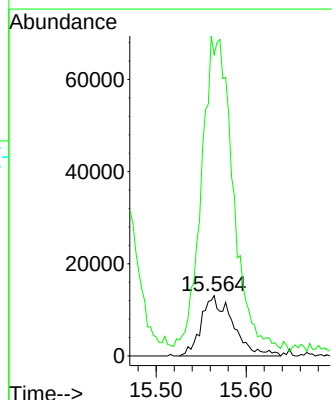
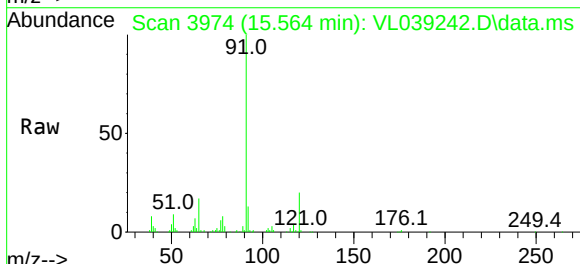
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Supervised By :Mahesh
Dadoda

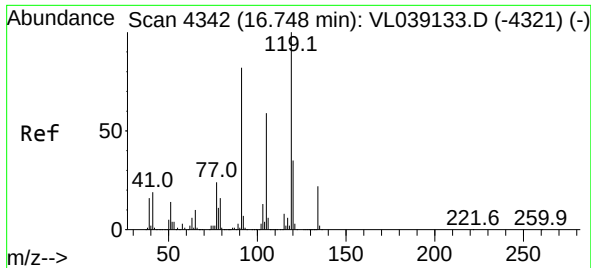
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#64
n-propylbenzene
Concen: 0.394 ppbv m
RT: 15.564 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

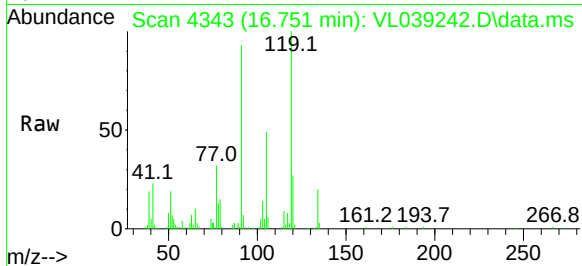
Tgt Ion:120 Resp: 31706
Ion Ratio Lower Upper
120 100
91 549.1 388.4 582.6





#65
tert-Butylbenzene
Concen: 0.403 ppbv m
RT: 16.751 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



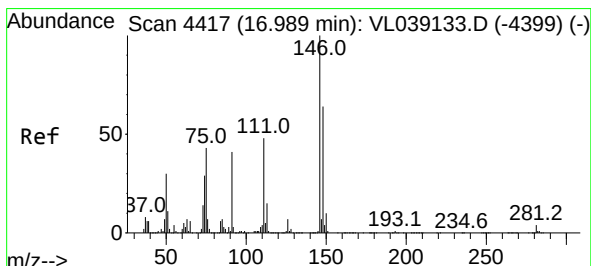
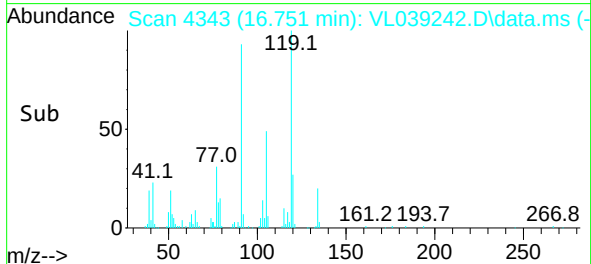
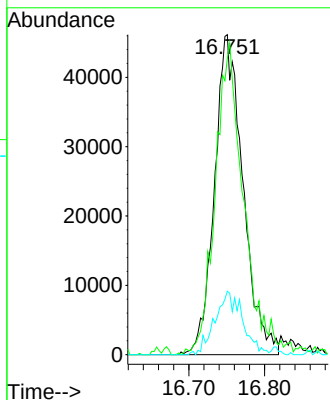
Tgt Ion:119 Resp: 120594
Ion Ratio Lower Upper
119 100
91 0.0 67.1 100.7
134 20.1 15.8 23.8

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Reviewed By :Semsettin
Yesilyurt

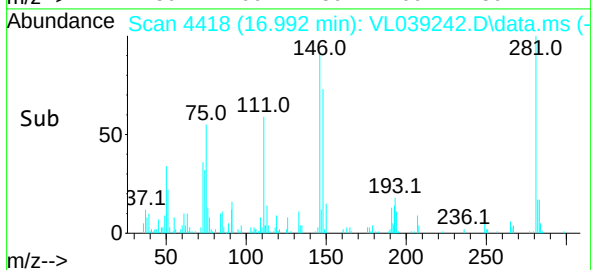
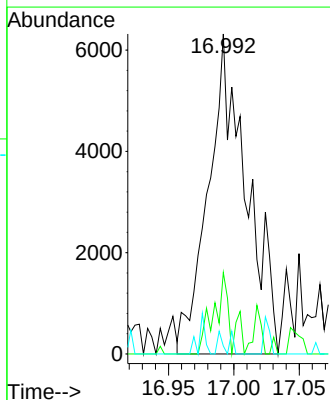
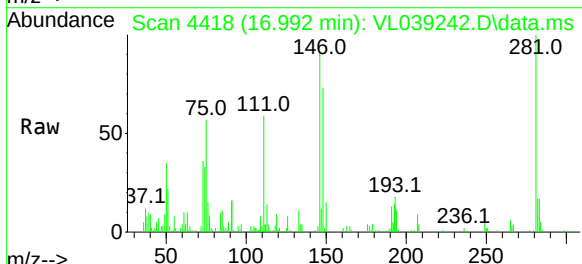
06/09/2022
Supervised By :Mahesh
Dadoda

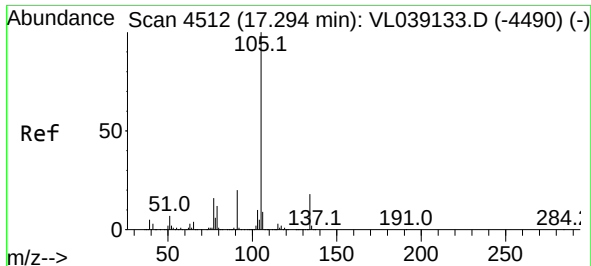
06/09/2022



#66
Benzyl Chloride
Concen: 0.328 ppbv m
RT: 16.992 min Scan# 4418
Delta R.T. 0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

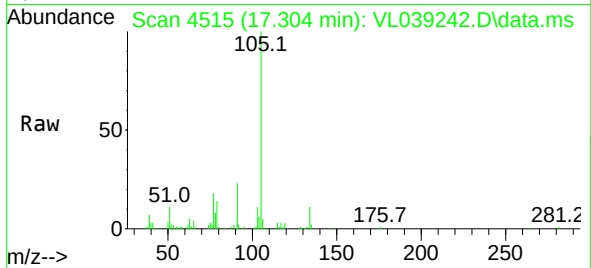
Tgt Ion: 91 Resp: 12768
Ion Ratio Lower Upper
91 100
126 9.2 13.4 20.0#
128 3.6 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 0.411 ppbv m
 RT: 17.304 min Scan# 4515
 Delta R.T. 0.010 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



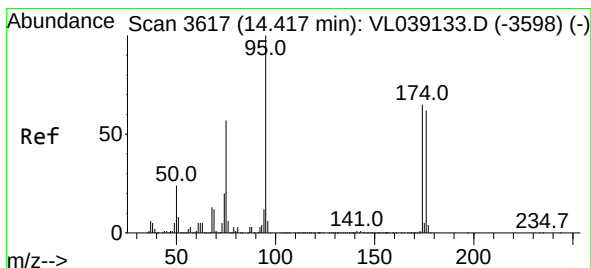
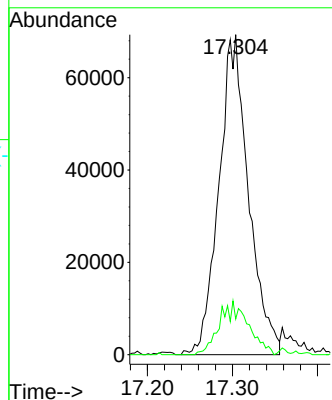
Tgt Ion:105 Resp: 167660
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6

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Reviewed By :Semsettin
 Yesilyurt

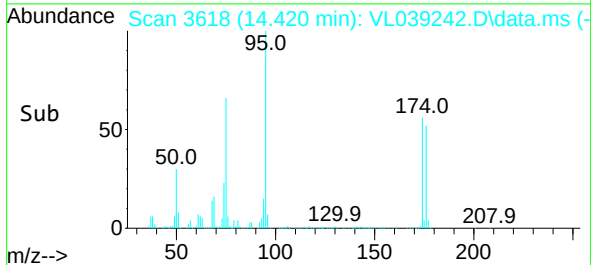
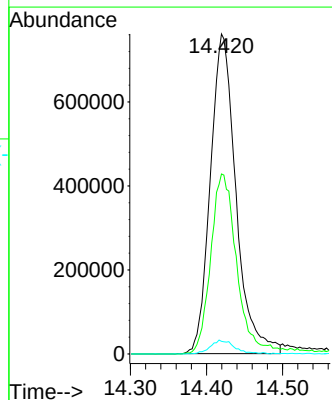
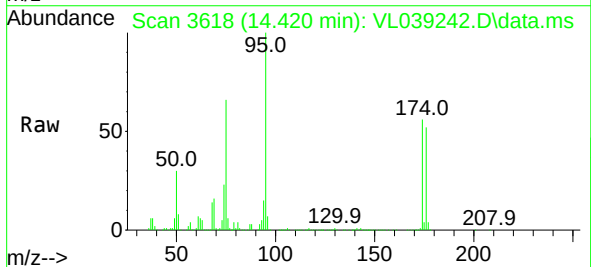
06/09/2022
 Supervised By :Mahesh
 Dadoda

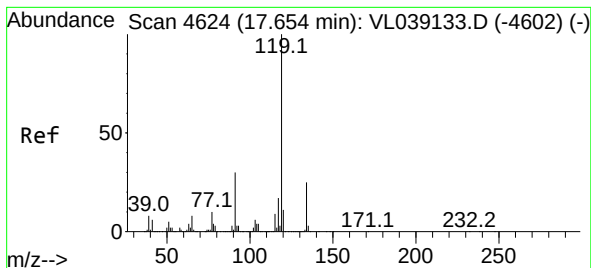
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#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.166 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.003 min
 Lab File: VL039242.D
 Acq: 8 Jun 2022 19:44

Tgt Ion: 95 Resp: 1781784
 Ion Ratio Lower Upper
 95 100
 174 58.5 53.8 80.8
 175 4.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.378 ppbv

RT: 17.657 min Scan# 4625

Delta R.T. 0.003 min

Lab File: VL039242.D

Acq: 8 Jun 2022 19:44

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	119	Resp:	13013
Ion Ratio	Lower	Upper	
119	100		
134	24.0	20.4	30.6
91	39.6	24.2	36.4

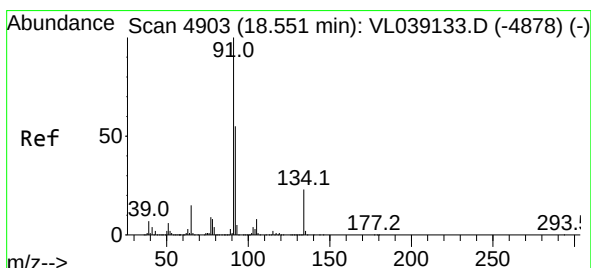
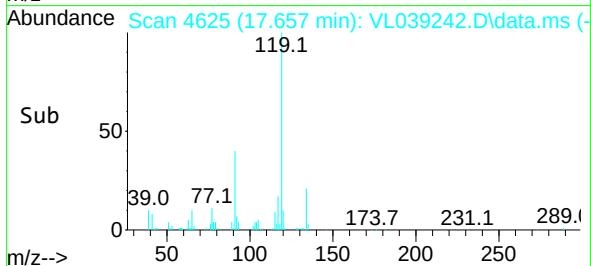
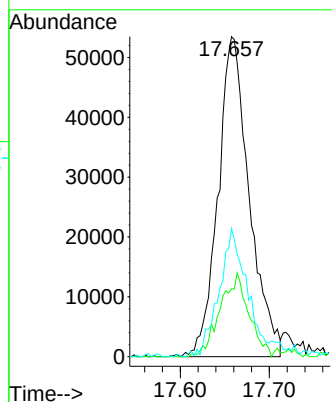
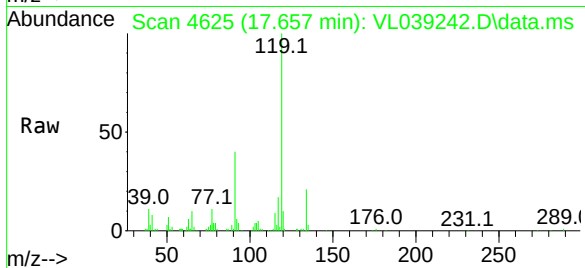
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

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Dadoda

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#70

n-Butylbenzene

Concen: 0.390 ppbv

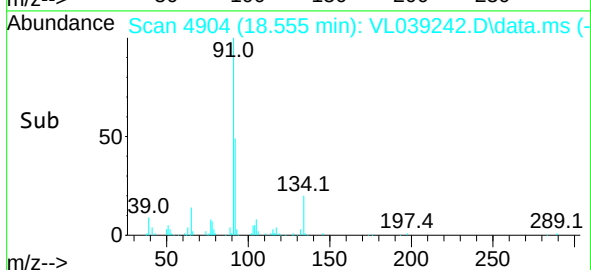
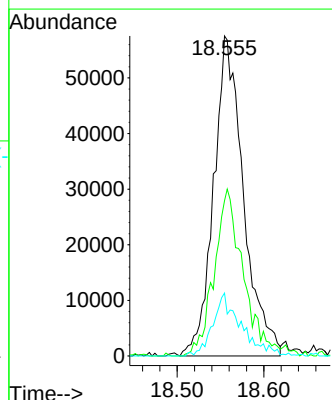
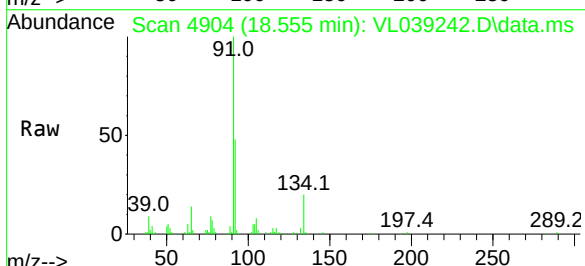
RT: 18.555 min Scan# 4904

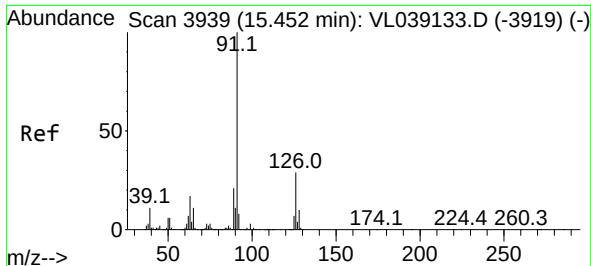
Delta R.T. 0.003 min

Lab File: VL039242.D

Acq: 8 Jun 2022 19:44

Tgt Ion:	91	Resp:	137632
Ion Ratio	Lower	Upper	
91	100		
92	51.7	43.6	65.4
134	18.7	17.7	26.5





#71
2-Chlorotoluene
Concen: 0.415 ppbv m
RT: 15.458 min Scan# 3939
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022

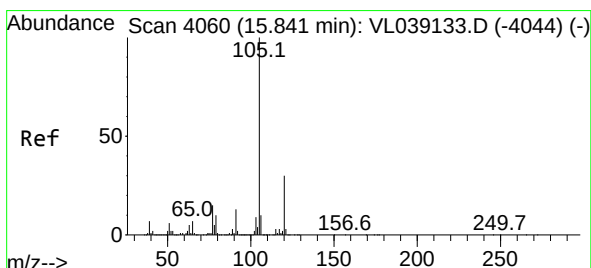
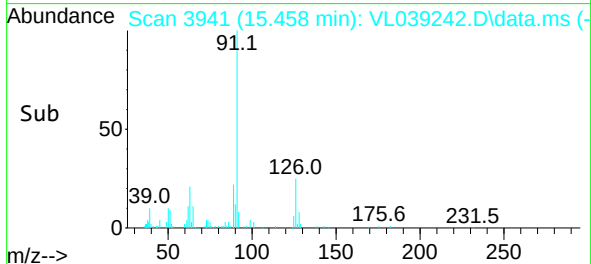
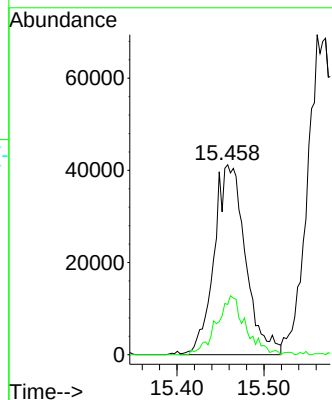
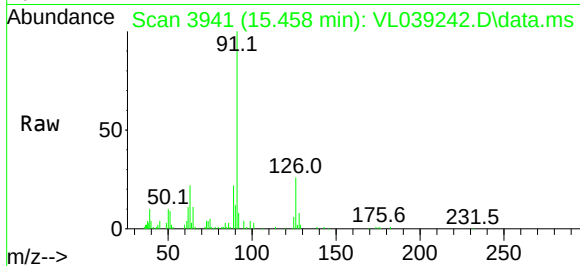
Tgt Ion: 91 Resp: 103415
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.6

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Yesilyurt

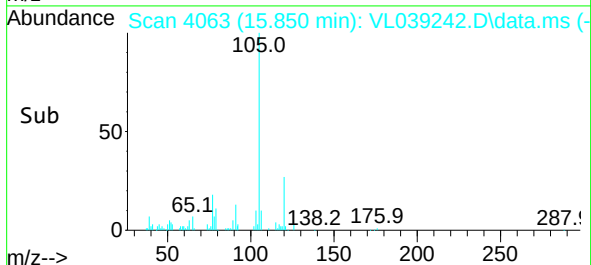
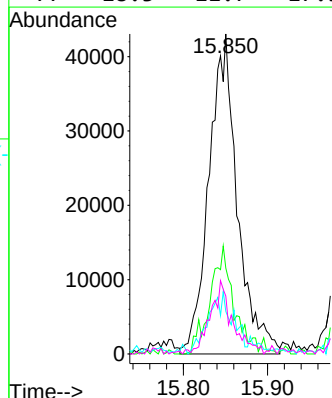
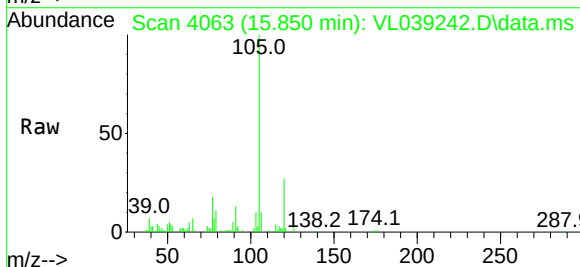
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Supervised By :Mahesh
Dadoda

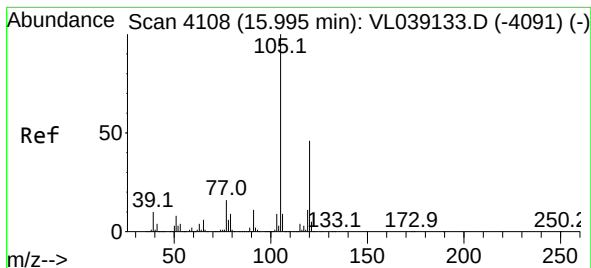
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#72
4-Ethyltoluene
Concen: 0.391 ppbv m
RT: 15.850 min Scan# 4063
Delta R.T. 0.010 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:105 Resp: 100808
Ion Ratio Lower Upper
105 100
120 0.0 23.9 35.9#
91 0.0 10.6 16.0#
77 18.3 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.421 ppbv

RT: 16.005 min Scan# 4111

Delta R.T. 0.010 min

Lab File: VL039242.D

Acq: 8 Jun 2022 19:44

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion:105 Resp: 97798
 Ion Ratio Lower Upper
 105 100
 120 30.9 36.7 55.1

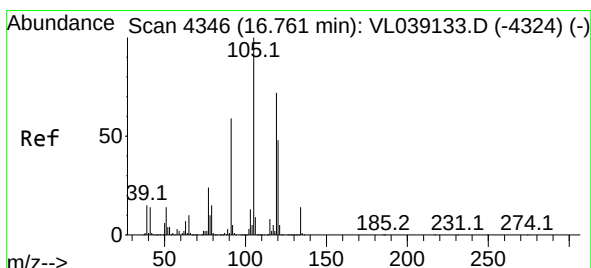
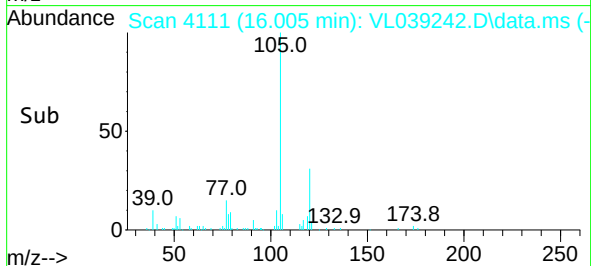
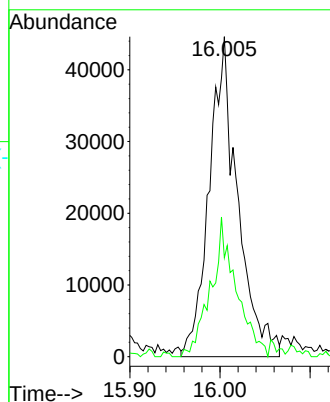
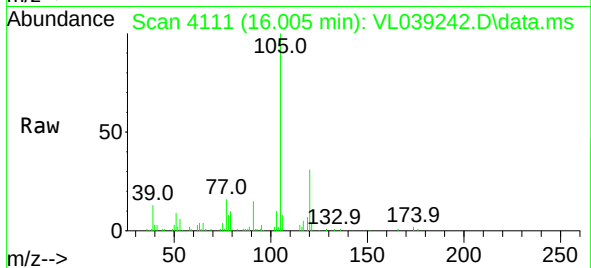
Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt

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Supervised By :Mahesh
 Dadoda

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#74

1,2,4-Trimethylbenzene

Concen: 0.389 ppbv

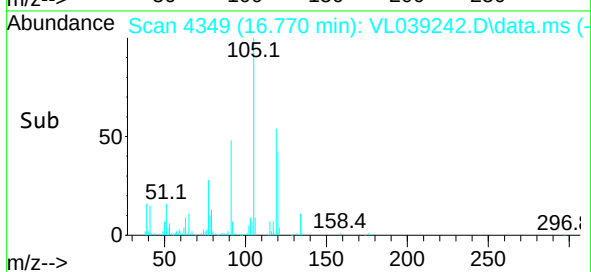
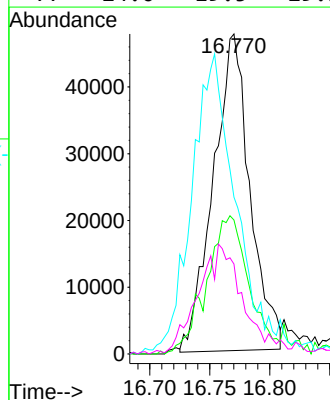
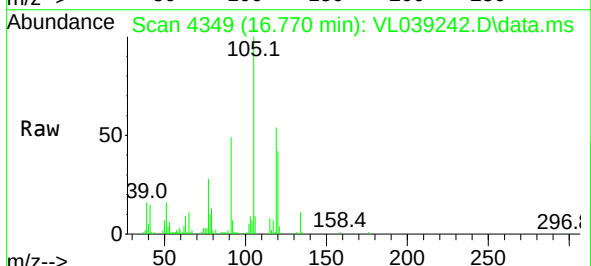
RT: 16.770 min Scan# 4349

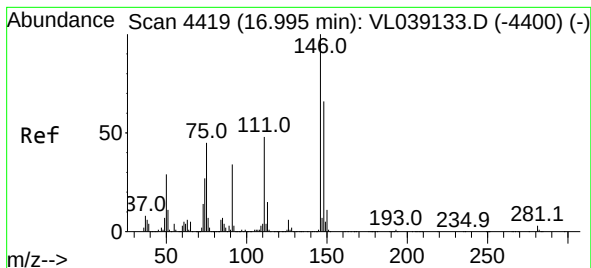
Delta R.T. 0.010 min

Lab File: VL039242.D

Acq: 8 Jun 2022 19:44

Tgt Ion:105 Resp: 100926
 Ion Ratio Lower Upper
 105 100
 120 42.9 38.1 57.1
 91 38.9 47.4 71.0#
 77 24.0 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 0.409 ppbv

RT: 17.002 min Scan# 4421

Delta R.T. 0.006 min

Lab File: VL039242.D

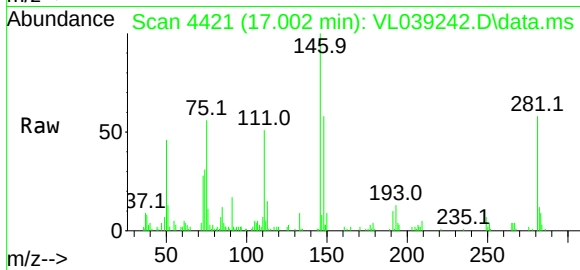
Acq: 8 Jun 2022 19:44

Instrument :

MSVOA_1

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:	146	Resp:	6005
Ion Ratio	Lower	Upper	
146	100		
111	51.7	23.8	71.4
148	69.2	32.4	97.0

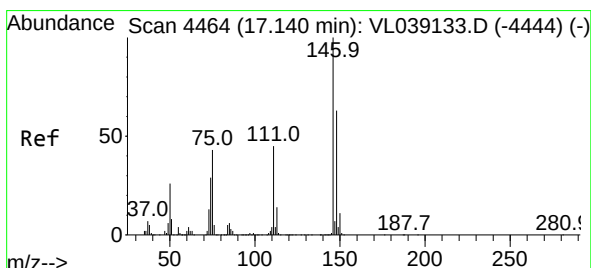
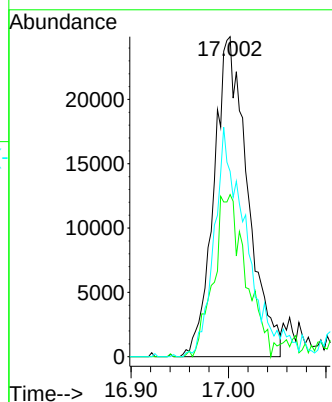
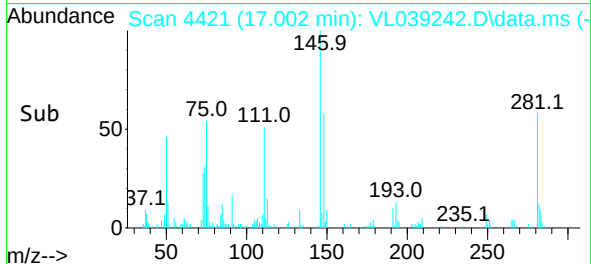
Manual Integrations
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Reviewed By :Semsettin
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Supervised By :Mahesh
Dadoda

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#76

1,4-Dichlorobenzene

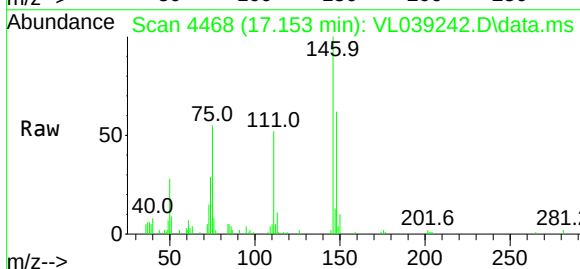
Concen: 0.392 ppbv m

RT: 17.153 min Scan# 4468

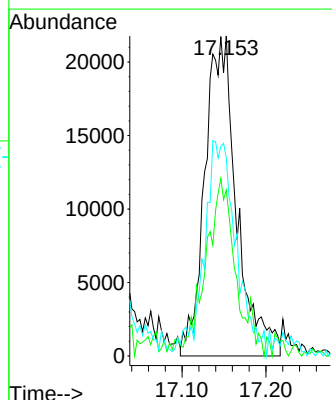
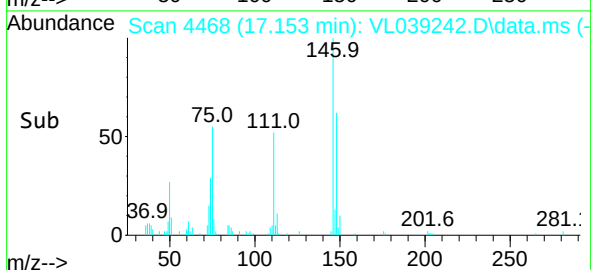
Delta R.T. 0.013 min

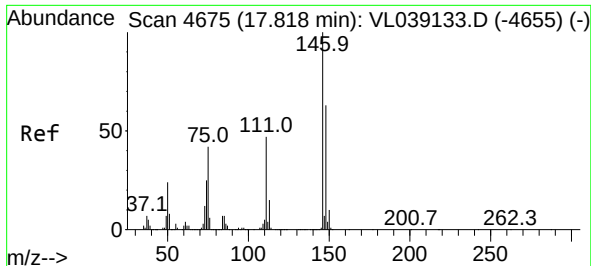
Lab File: VL039242.D

Acq: 8 Jun 2022 19:44



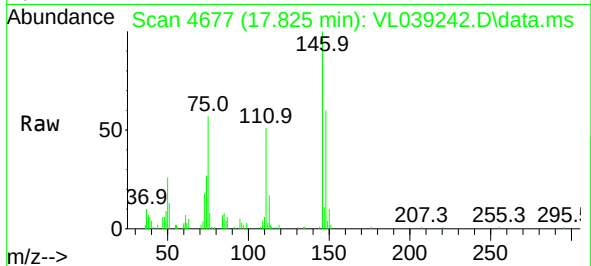
Tgt Ion:	146	Resp:	57508
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.6	71.0#
148	69.1	33.7	101.0





#77
1,2-Dichlorobenzene
Concen: 0.409 ppbv m
RT: 17.825 min Scan# 4675
Delta R.T. 0.006 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



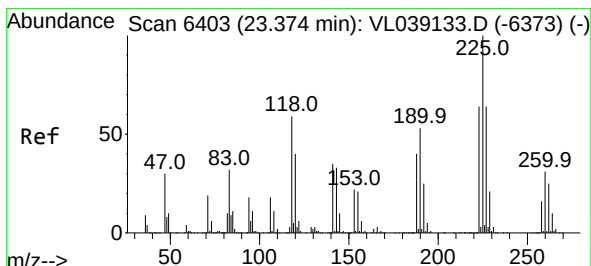
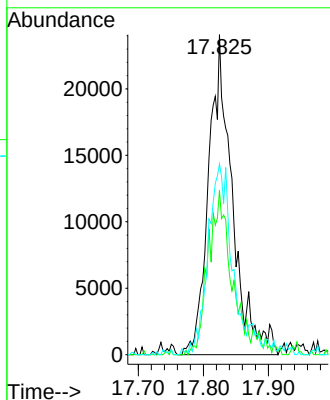
Tgt Ion:146 Resp: 6058
Ion Ratio Lower Upper
146 100
111 0.0 24.4 73.4
148 0.0 32.1 96.5

Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

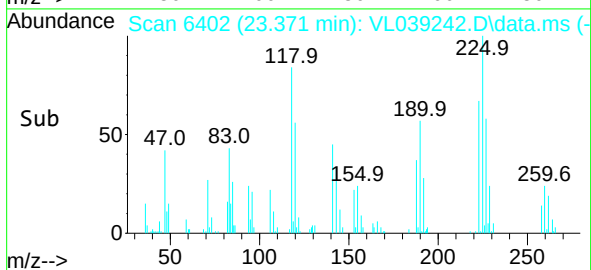
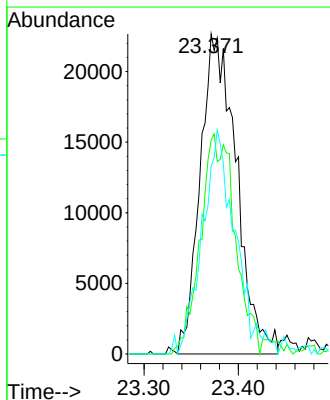
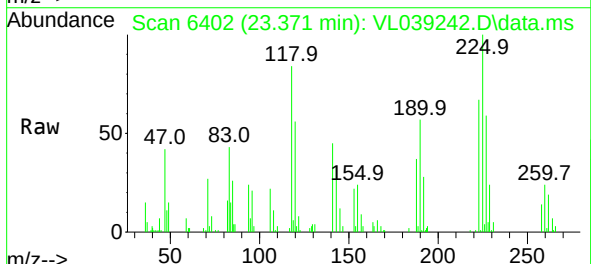
06/09/2022
Supervised By :Mahesh
Dadoda

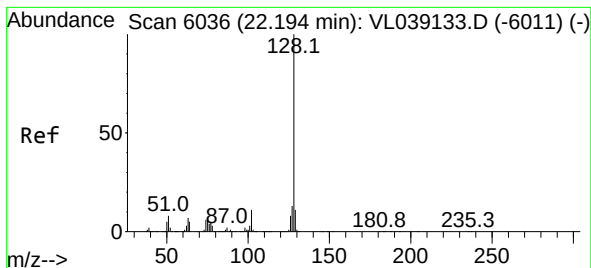
06/09/2022



#78
Hexachloro-1,3-Butadiene
Concen: 0.444 ppbv m
RT: 23.371 min Scan# 6402
Delta R.T. -0.003 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Tgt Ion:225 Resp: 60176
Ion Ratio Lower Upper
225 100
223 67.5 51.4 77.0
227 64.3 50.6 75.8





#79

Naphthalene

Concen: 0.282 ppbv m

RT: 22.210 min Scan# 6036

Delta R.T. 0.016 min

Lab File: VL039242.D

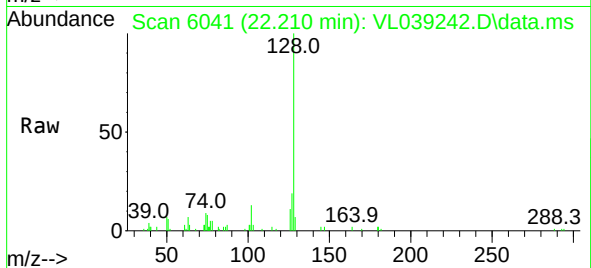
Acq: 8 Jun 2022 19:44

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:	128	Resp:	5625
Ion Ratio	Lower	Upper	
128	100		
127	19.0	10.4	15.6
129	6.6	9.0	13.6

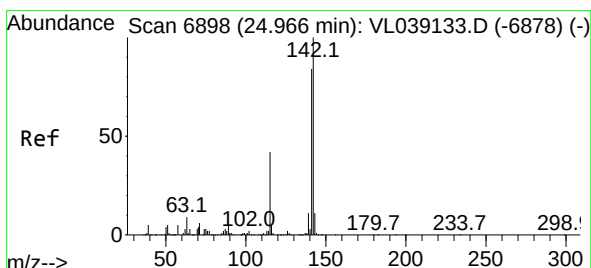
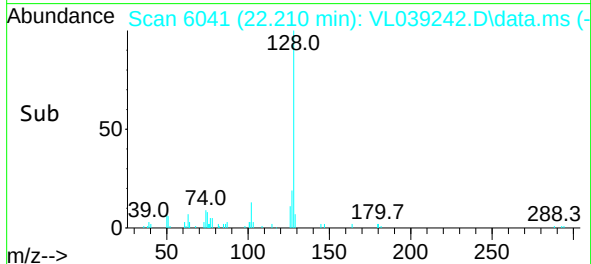
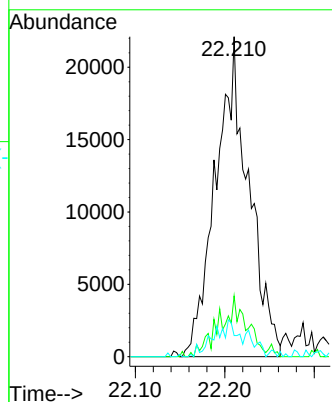
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

06/09/2022

Supervised By :Mahesh
Dadoda

06/09/2022



#80

Naphthalene,2-methyl-

Concen: 0.155 ppbv m

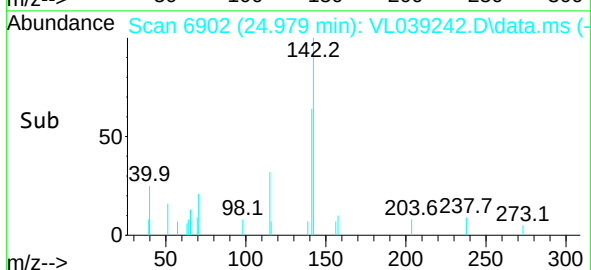
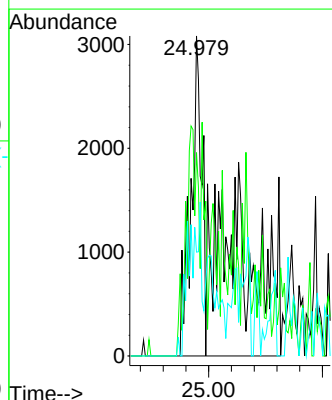
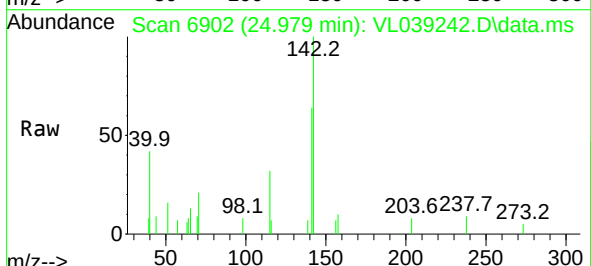
RT: 24.979 min Scan# 6902

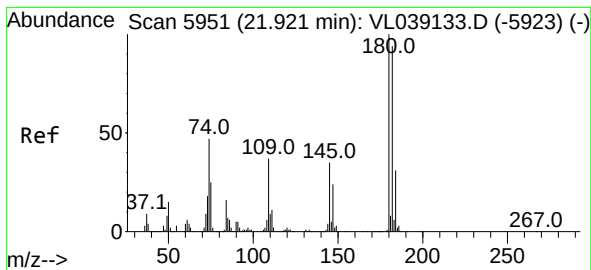
Delta R.T. 0.013 min

Lab File: VL039242.D

Acq: 8 Jun 2022 19:44

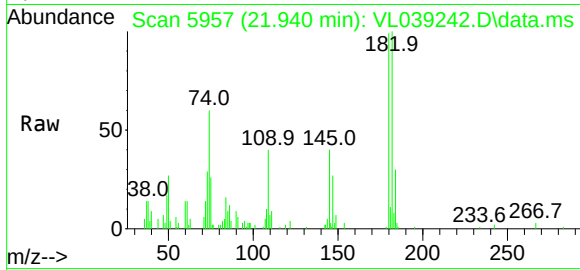
Tgt Ion:	142	Resp:	11510
Ion Ratio	Lower	Upper	
142	100		
141	10.0	64.6	96.8
115	5.6	32.7	49.1





#81
1,2,4-Trichlorobenzene
Concen: 0.318 ppbv m
RT: 21.940 min Scan# 5951
Delta R.T. 0.019 min
Lab File: VL039242.D
Acq: 8 Jun 2022 19:44

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:180 Resp: 40243
Ion Ratio Lower Upper
180 100
182 101.1 0.0 0.0
184 31.4 0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

06/09/2022
Supervised By :Mahesh
Dadoda

06/09/2022

