

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039326.D
 Acq On : 22 Jun 2022 18:57
 Operator : SY/AP
 Sample : N3214-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 23 07:29:37 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:29:37 2022

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

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Bromochloromethane	5.665	49	1144633	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3343960	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3004194	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2399629	9.662	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.051	85	106722	0.531	ppbv	92
3) Chlorodifluoromethane	2.993	51	66282	0.455	ppbv	98
4) Chloromethane	3.147	50	36848	0.493	ppbv	95
5) Vinyl Chloride	3.256	62	32719m	0.468	ppbv	
6) Bromomethane	3.475	94	16728m	0.486	ppbv	
7) Chloroethane	3.555	64	13442m	0.552	ppbv	
8) Dichlorotetrafluoroethane	3.189	85	87457	0.476	ppbv	95
9) Propene	3.012	41	33366m	0.525	ppbv	
10) Heptane	8.121	43	58971	0.398	ppbv	87
11) Trichlorofluoromethane	3.954	101	86128	0.473	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.491	101	65493m	0.544	ppbv	
13) Ethanol	3.616	45	2219m	0.641	ppbv	
14) Bromoethene	3.745	108	26026m	0.481	ppbv	
15) Acetone	3.864	43	71932m	0.603	ppbv	
16) 1,3-Butadiene	3.330	39	27942	0.436	ppbv	86
17) tert-Butyl alcohol	4.305	59	47957m	0.519	ppbv	
18) 1,1-Dichloroethene	4.295	96	28137m	0.521	ppbv	
19) Isopropyl Alcohol	3.980	45	30428m	0.544	ppbv	
20) Methylene Chloride	4.350	84	35128m	0.699	ppbv	
21) Allyl Chloride	4.411	41	41281	0.513	ppbv	97
22) trans-1,2-Dichloroethene	4.883	96	24084	0.464	ppbv	86
23) Vinyl Acetate	5.083	43	46801m	0.474	ppbv	
24) 1,1-Dichloroethane	5.012	63	51221	0.379	ppbv	96
25) Ethyl Acetate	5.690	43	113594m	0.423	ppbv	
26) Hexane	5.687	57	49995	0.423	ppbv #	84
27) Carbon Disulfide	4.555	76	51914m	0.424	ppbv	
28) Methyl tert-Butyl Ether	5.047	73	47682	0.366	ppbv	91
29) Chloroform	5.748	83	91127	0.459	ppbv	93
30) Cyclohexane	7.131	84	48160m	0.485	ppbv	
31) cis-1,2-Dichloroethene	5.546	61	51563m	0.428	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	78221	0.402	ppbv	94
34) 2-Butanone	5.259	43	67665	0.372	ppbv	99
35) Carbon Tetrachloride	7.018	117	80092	0.328	ppbv #	86
36) Benzene	6.886	78	104417	0.385	ppbv	95
37) 1,2-Dichloroethane	6.301	62	60807m	0.340	ppbv	
38) Trichloroethene	7.835	130	55981m	0.449	ppbv	
39) 1,2-Dichloropropane	7.613	63	41470	0.384	ppbv	98
40) 1,4-Dioxane	7.867	88	17205m	0.484	ppbv	
41) Tetrahydrofuran	6.073	42	38360m	0.351	ppbv	
42) Bromodichloromethane	7.790	83	77955m	0.314	ppbv	
43) Methyl Methacrylate	8.015	69	35920m	0.340	ppbv	
44) 2,2,4-Trimethylpentane	7.867	57	176032	0.371	ppbv #	92
45) t-1,3-Dichloropropene	9.275	75	28161m	0.256	ppbv	

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 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	41259m	0.284	ppbv	
47) 1,1,2-Trichloroethane	9.475	97	44099m	0.391	ppbv	
48) Dibromochloromethane	10.298	129	60626m	0.301	ppbv	
49) Bromoform	13.040	173	43503m	0.260	ppbv	
50) 4-Methyl-2-Pentanone	8.758	43	92368m	0.340	ppbv	
51) 2-Hexanone	10.166	43	63035m	0.298	ppbv	
52) Tetrachloroethene	11.211	164	43989m	0.415	ppbv	
53) Toluene	9.803	91	113001m	0.361	ppbv	
54) 1,2-Dibromoethane	10.607	107	55676m	0.368	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.121	131	54977m	0.387	ppbv	
57) Chlorobenzene	12.140	112	100606	0.445	ppbv #	81
58) Ethyl Benzene	12.703	91	155090m	0.375	ppbv	
59) m/p-Xylene	12.983	91	277942m	0.763	ppbv	
60) o-Xylene	13.684	91	129765m	0.379	ppbv	
61) Styrene	13.516	104	60328m	0.329	ppbv	
62) Isopropylbenzene	14.661	105	204875	0.403	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.674	83	72271m	0.376	ppbv	
64) n-propylbenzene	15.552	120	46898m	0.375	ppbv	
65) tert-Butylbenzene	16.738	119	188359	0.405	ppbv	100
66) Benzyl Chloride	16.986	91	17607m	0.291	ppbv	
67) sec-Butylbenzene	17.288	105	247124	0.389	ppbv	100
69) p-Isopropyltoluene	17.648	119	208767m	0.390	ppbv	
70) n-Butylbenzene	18.552	91	187226m	0.340	ppbv	
71) 2-Chlorotoluene	15.449	91	146292	0.377	ppbv	99
72) 4-Ethyltoluene	15.835	105	149585m	0.373	ppbv	
73) 1,3,5-Trimethylbenzene	15.995	105	144878m	0.400	ppbv	
74) 1,2,4-Trimethylbenzene	16.757	105	154681m	0.383	ppbv	
75) 1,3-Dichlorobenzene	16.995	146	97253m	0.425	ppbv	
76) 1,4-Dichlorobenzene	17.130	146	96019m	0.421	ppbv	
77) 1,2-Dichlorobenzene	17.815	146	97313m	0.422	ppbv	
78) Hexachloro-1,3-Butadiene	23.365	225	88331	0.419	ppbv	99
79) Naphthalene	22.191	128	96202m	0.309	ppbv	
80) Naphthalene,2-methyl-	24.956	142	15577m	0.135	ppbv	
81) 1,2,4-Trichlorobenzene	21.918	180	64032	0.325	ppbv #	100

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

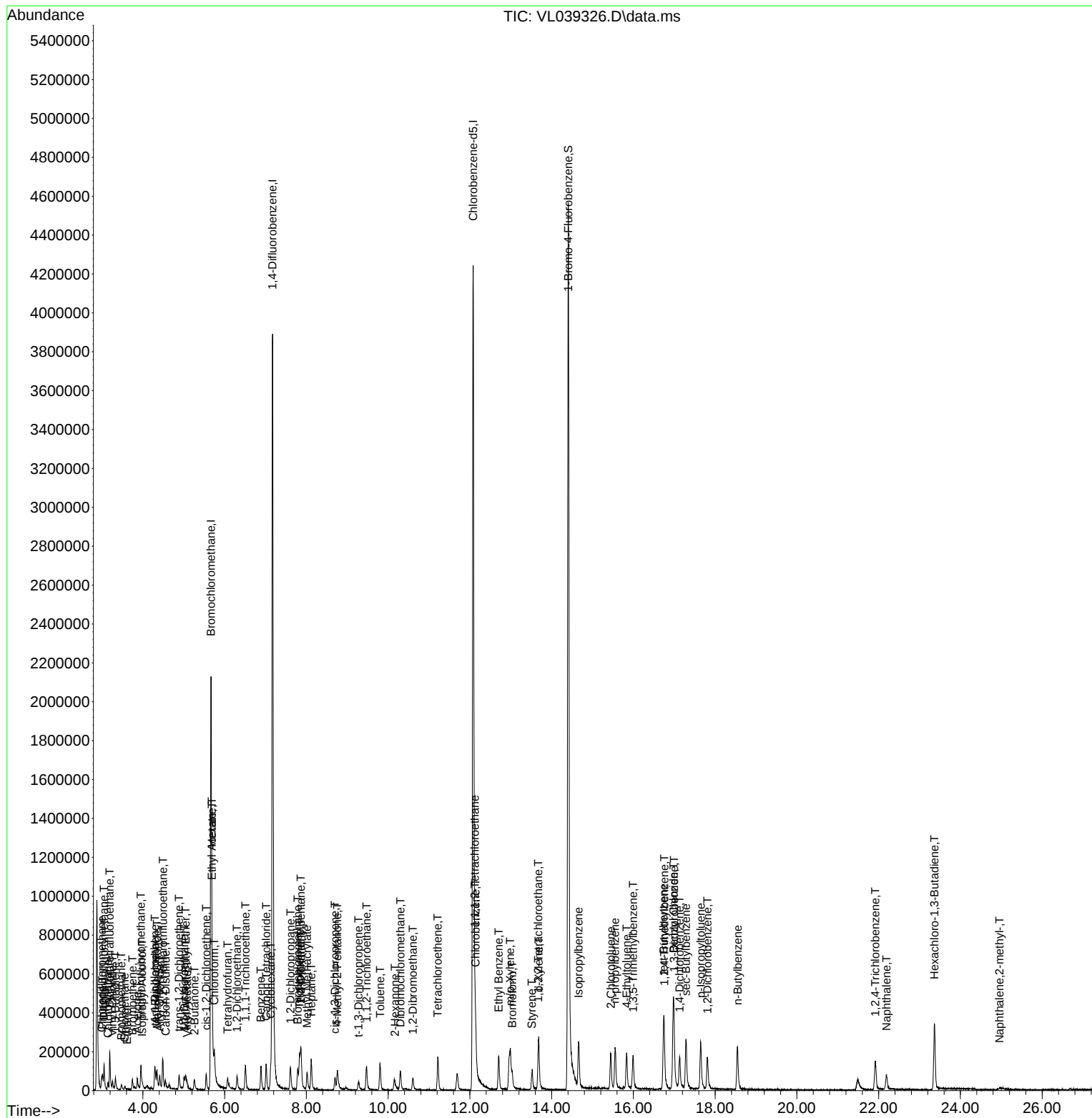
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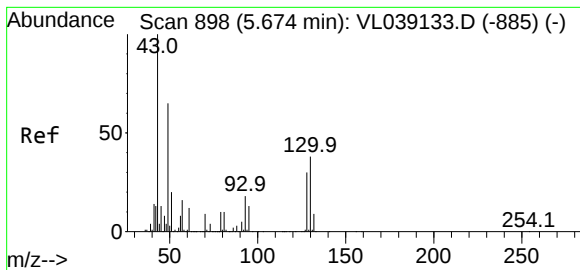
Instrument :
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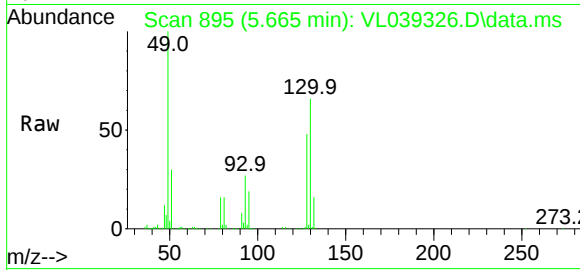
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 89
Delta R.T. -0.010 min
Lab File: VL039326.D
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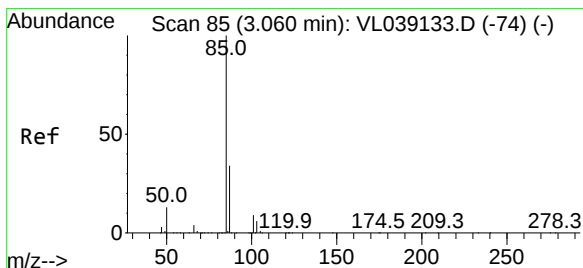
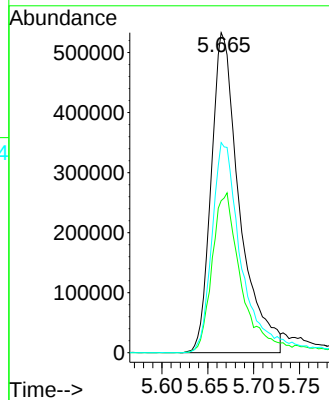
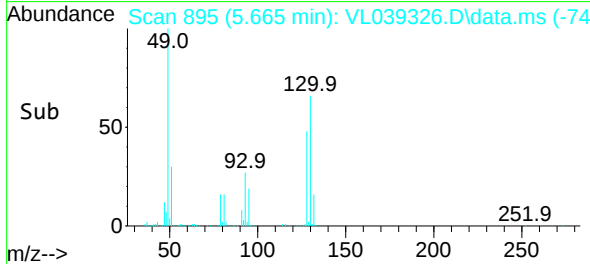
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 49 Resp: 114463
Ion Ratio Lower Upper
49 100
128 54.9 24.7 74.1
130 71.0 31.4 94.0

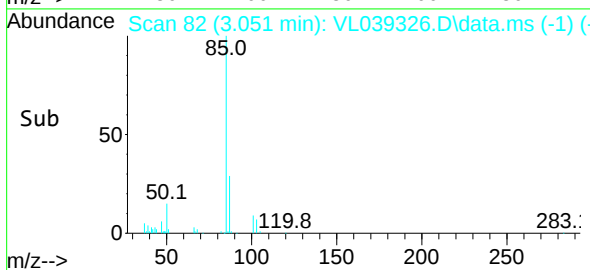
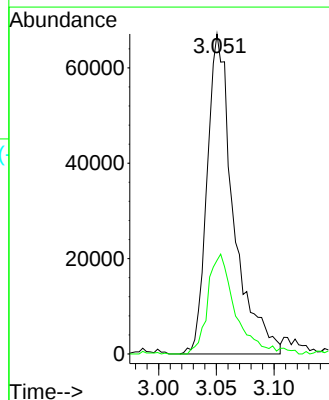
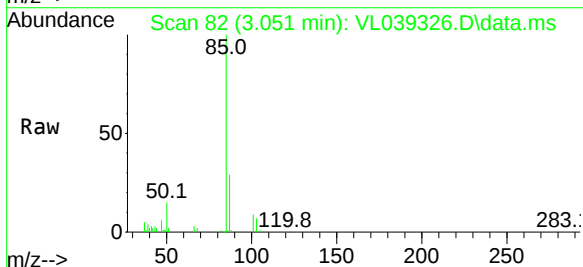
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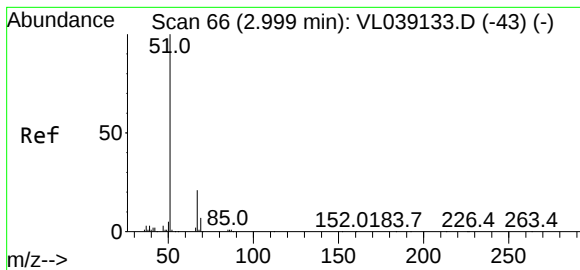
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 0.531 ppbv
RT: 3.051 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

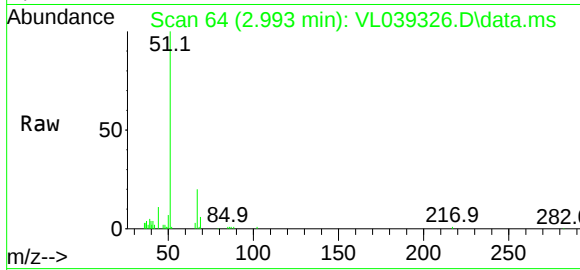
Tgt Ion: 85 Resp: 106722
Ion Ratio Lower Upper
85 100
87 29.3 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.455 ppbv
RT: 2.993 min Scan# 64
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

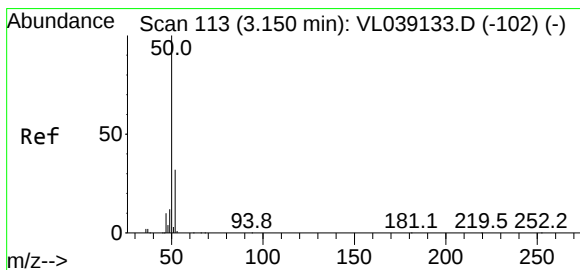
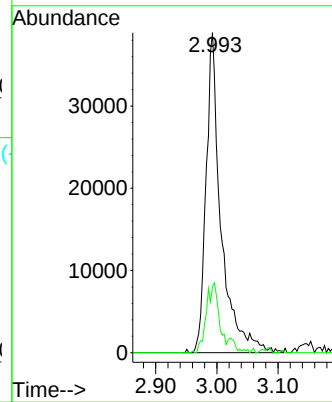
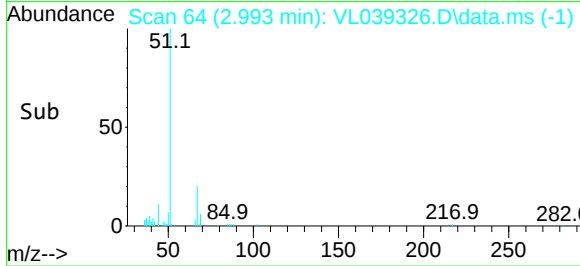
Instrument : MSVOA_L
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Tgt Ion: 51 Resp: 6628
Ion Ratio Lower Upper
51 100
67 21.0 16.2 24.4

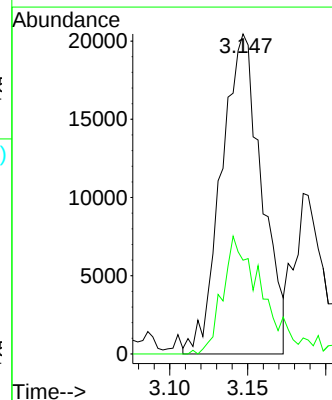
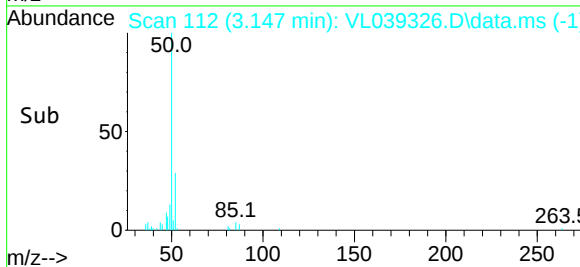
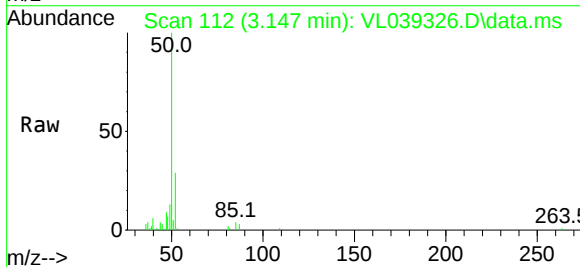
Manual Integrations
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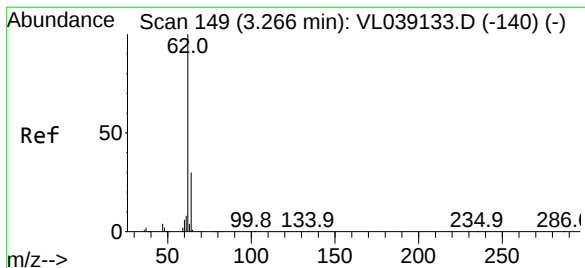
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Chloromethane
Concen: 0.493 ppbv
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 50 Resp: 36848
Ion Ratio Lower Upper
50 100
52 29.8 25.9 38.9





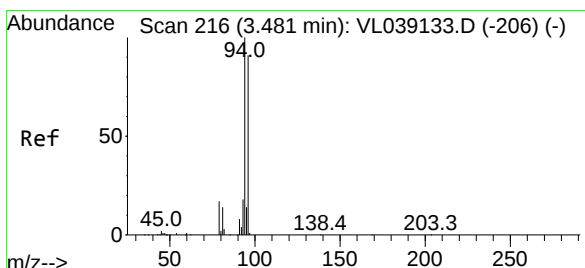
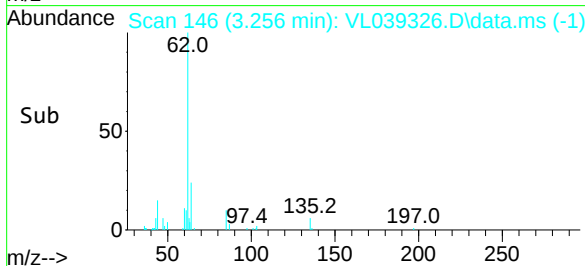
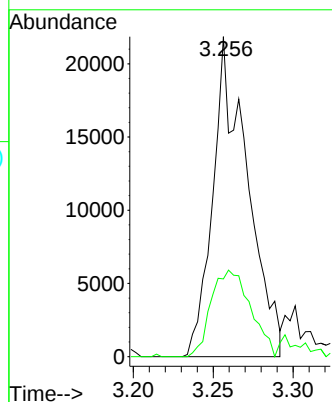
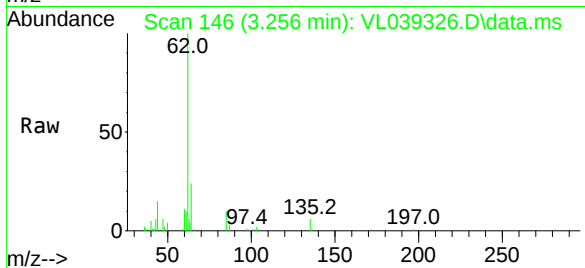
#5
 Vinyl Chloride
 Concen: 0.468 ppbv m
 RT: 3.256 min Scan# 149
 Delta R.T. -0.010 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

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

Tgt Ion: 62 Resp: 32719
 Ion Ratio Lower Upper
 62 100
 64 24.3 24.2 36.2

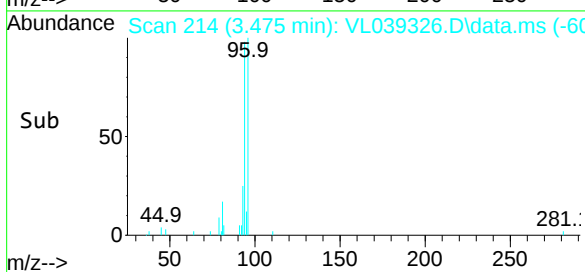
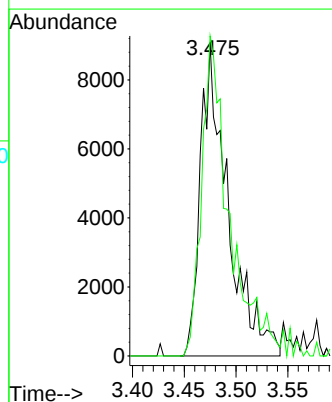
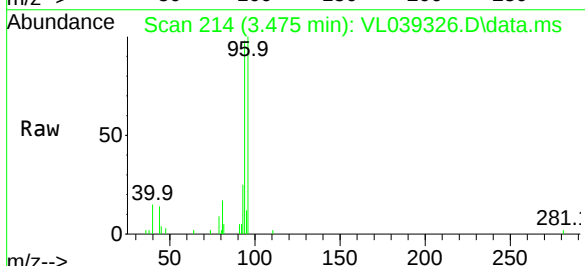
Manual Integrations
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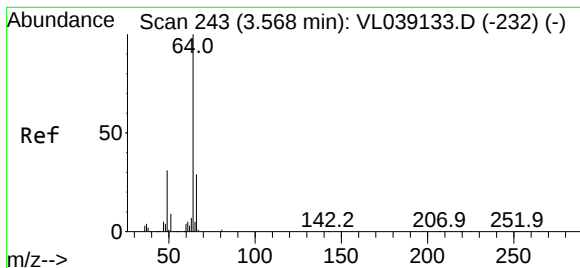
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#6
 Bromomethane
 Concen: 0.486 ppbv m
 RT: 3.475 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

Tgt Ion: 94 Resp: 16728
 Ion Ratio Lower Upper
 94 100
 96 102.1 73.0 109.4





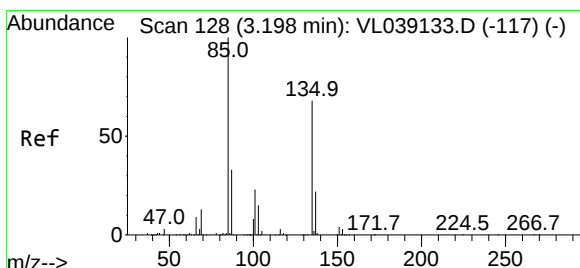
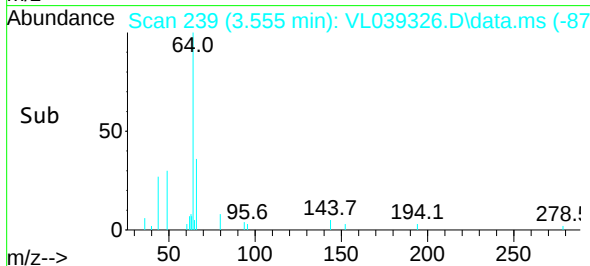
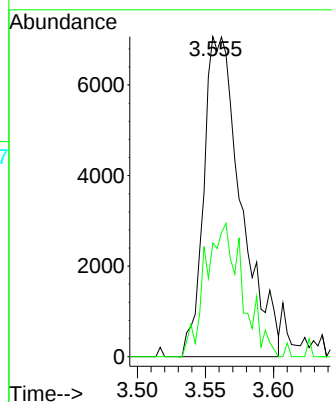
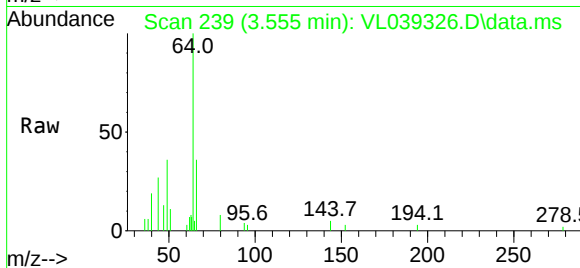
#7
Chloroethane
Concen: 0.552 ppbv m
RT: 3.555 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

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ClientSampleId :
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Tgt Ion: 64 Resp: 1344
Ion Ratio Lower Upper
64 100
66 35.5 23.6 35.4

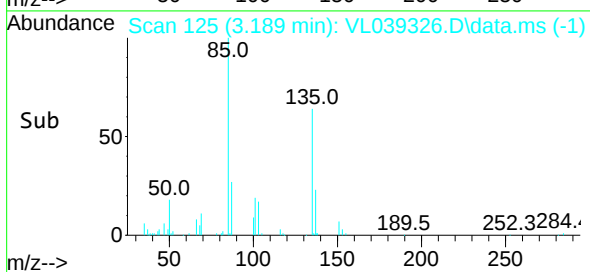
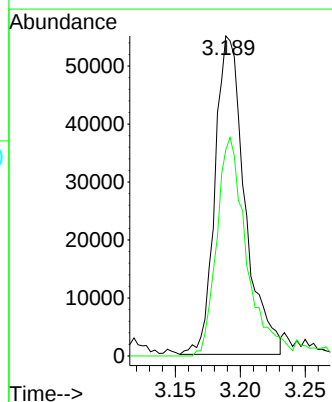
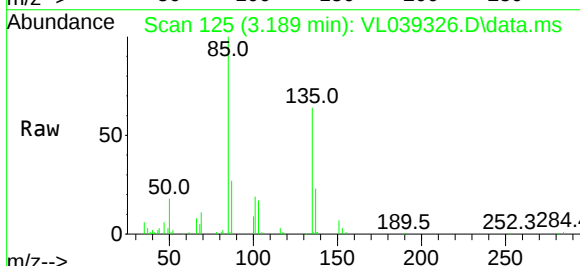
Manual Integrations
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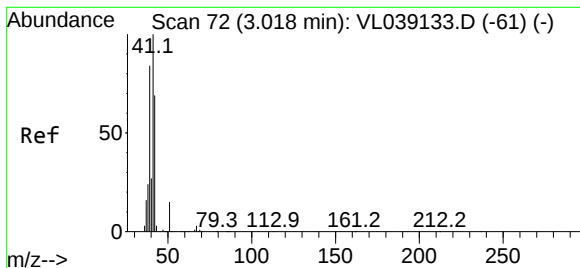
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Dichlorotetrafluoroethane
Concen: 0.476 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 85 Resp: 87457
Ion Ratio Lower Upper
85 100
135 73.1 55.0 82.4





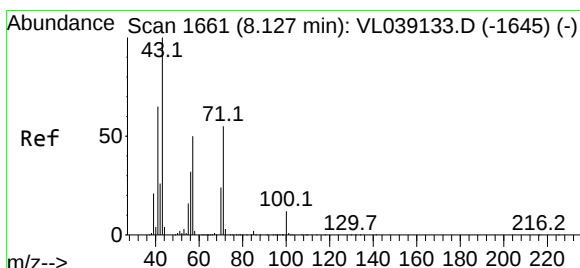
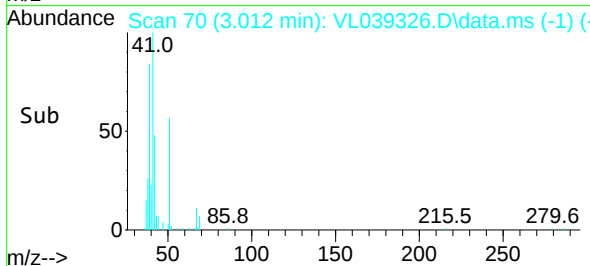
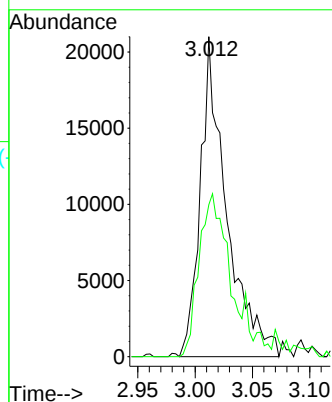
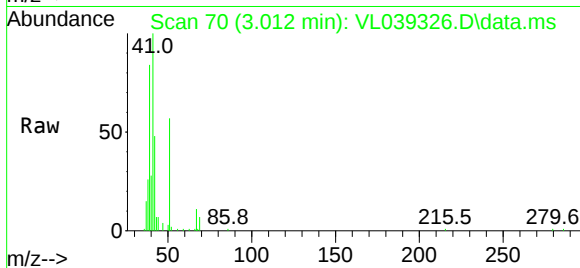
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 Propene
 Concen: 0.525 ppbv m
 RT: 3.012 min Scan# 70
 Delta R.T. -0.006 min
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Tgt Ion: 41 Resp: 3336
 Ion Ratio Lower Upper
 41 100
 42 62.1 55.4 83.2

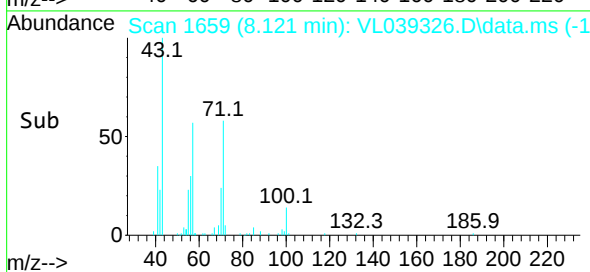
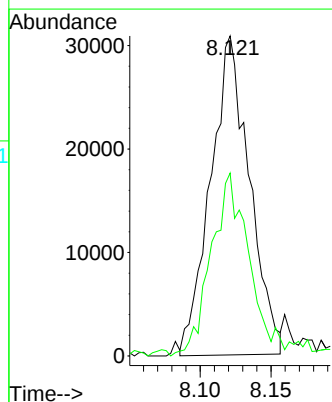
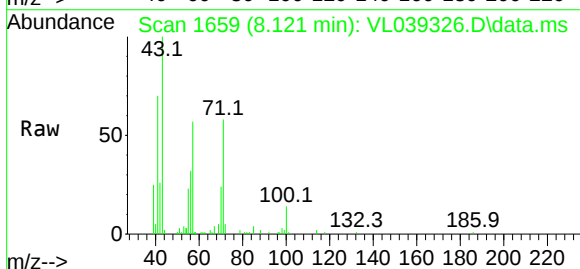
Manual Integrations
 APPROVED

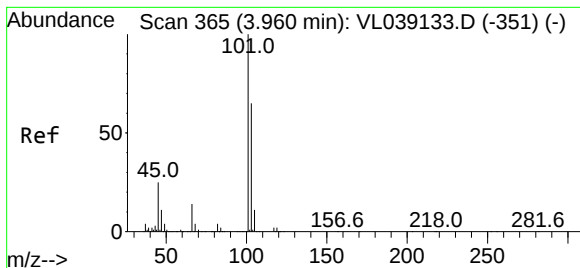
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#10
 Heptane
 Concen: 0.398 ppbv
 RT: 8.121 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

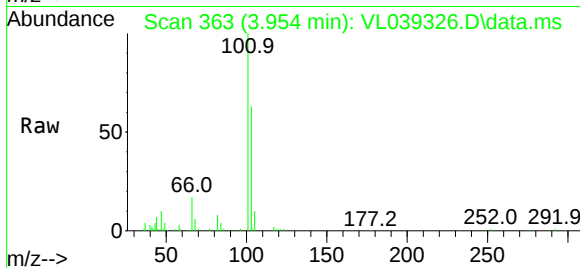
Tgt Ion: 43 Resp: 58971
 Ion Ratio Lower Upper
 43 100
 57 60.6 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.473 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

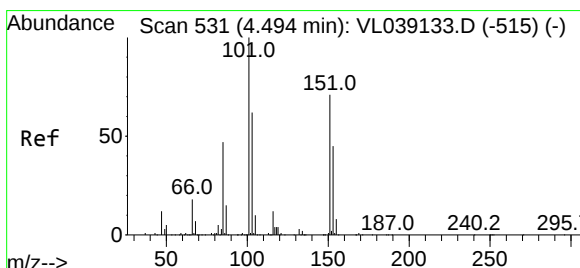
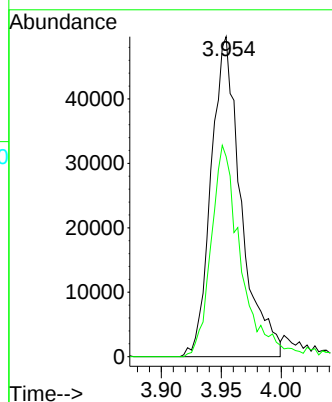
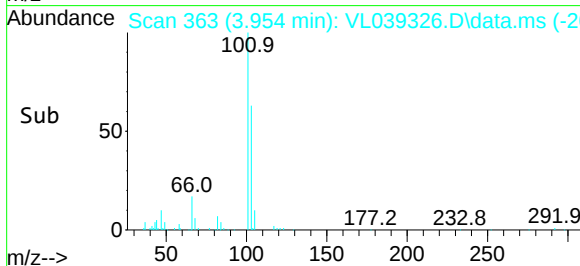
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



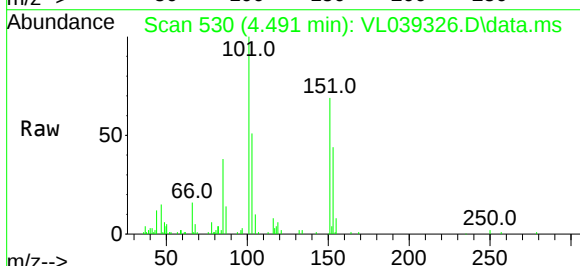
Tgt Ion:101 Resp: 86128
Ion Ratio Lower Upper
101 100
103 62.6 51.7 77.5

Manual Integrations
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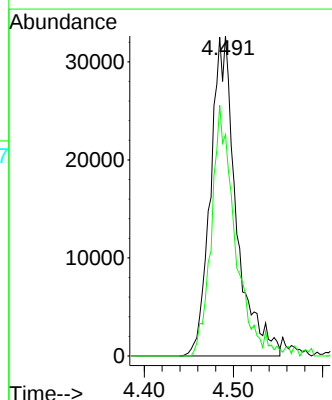
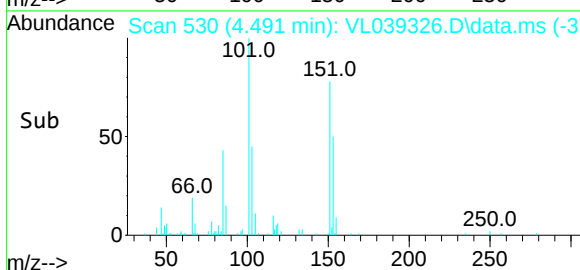
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

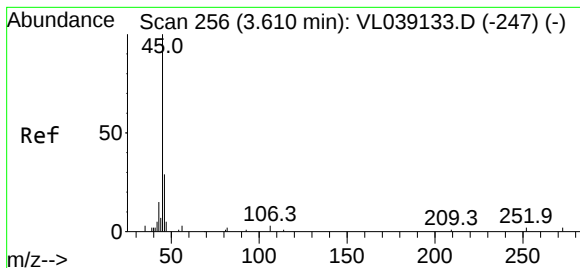


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.544 ppbv m
RT: 4.491 min Scan# 530
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



Tgt Ion:101 Resp: 65493
Ion Ratio Lower Upper
101 100
151 73.0 59.4 89.0





#13

Ethanol

Concen: 0.641 ppbv m

RT: 3.616 min Scan# 2

Delta R.T. 0.007 min

Lab File: VL039326.D

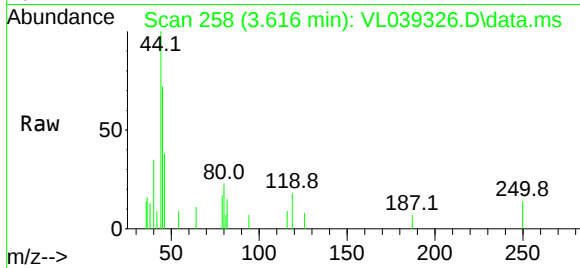
Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 45 Resp: 2219

Ion Ratio Lower Upper

45 100

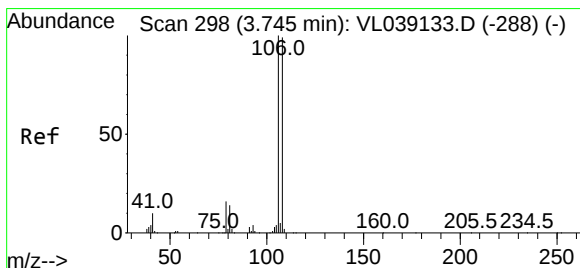
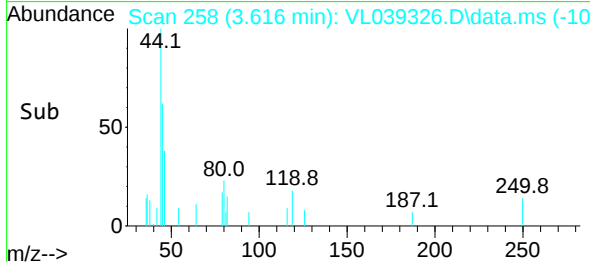
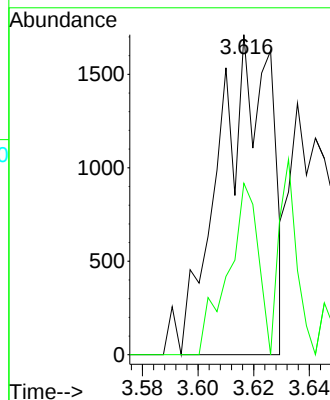
46 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#14

Bromoethene

Concen: 0.481 ppbv m

RT: 3.745 min Scan# 298

Delta R.T. 0.000 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

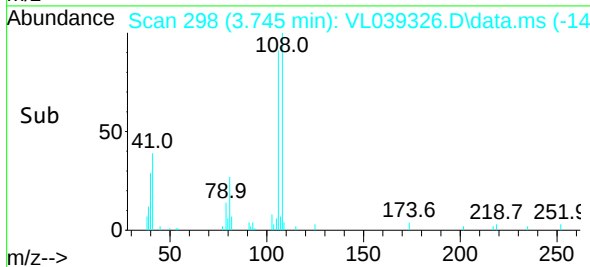
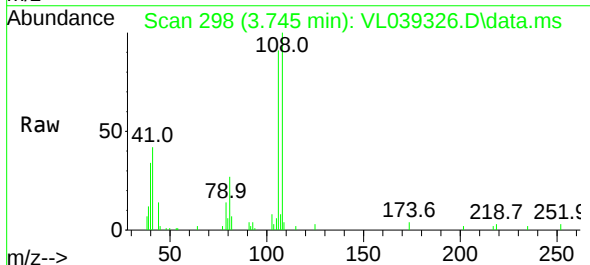
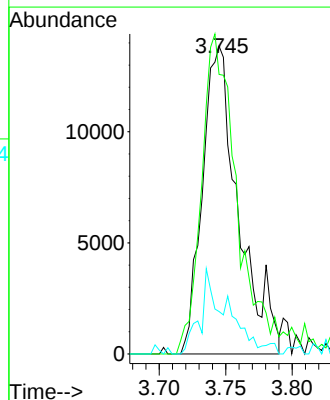
Tgt Ion:108 Resp: 26026

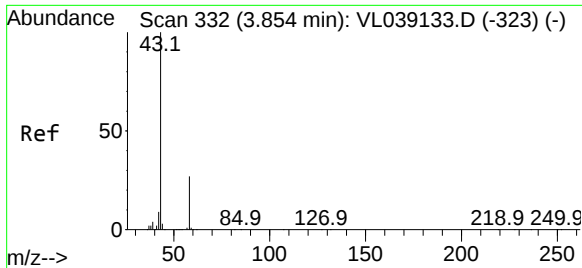
Ion Ratio Lower Upper

108 100

106 110.3 88.4 132.6

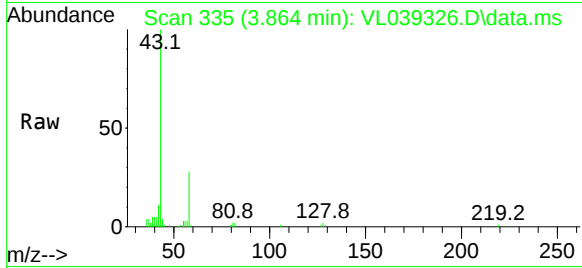
79 21.6 13.4 20.2#





#15
Acetone
Concen: 0.603 ppbv m
RT: 3.864 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

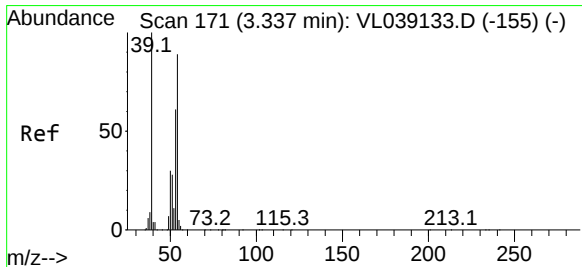
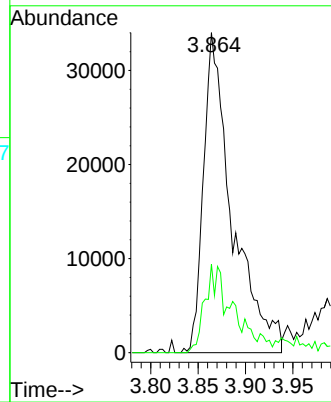
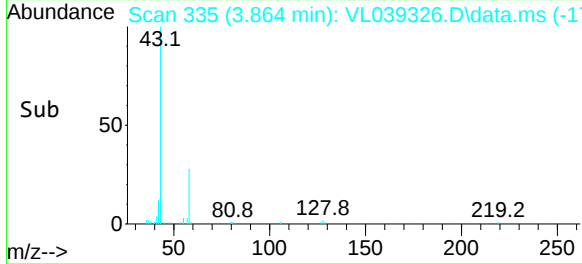
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 71932
Ion Ratio Lower Upper
43 100
58 27.2 22.5 33.7

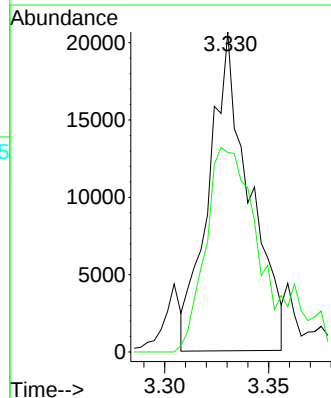
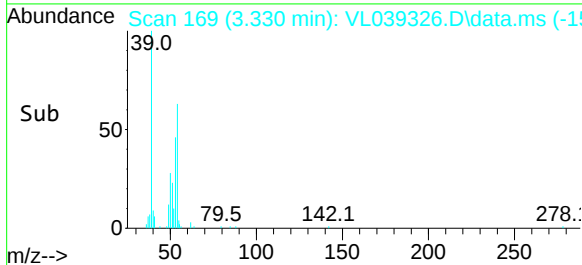
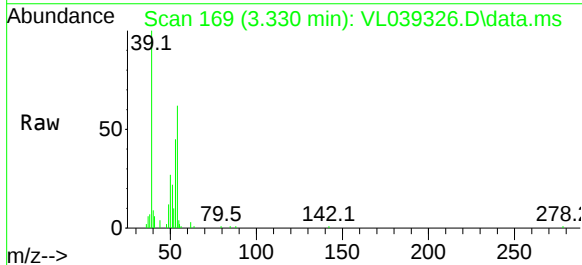
Manual Integrations
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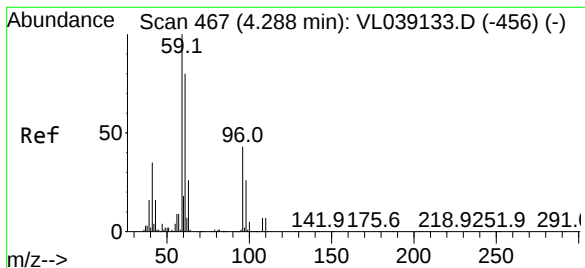
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
1,3-Butadiene
Concen: 0.436 ppbv
RT: 3.330 min Scan# 169
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 39 Resp: 27942
Ion Ratio Lower Upper
39 100
54 94.9 65.8 98.6





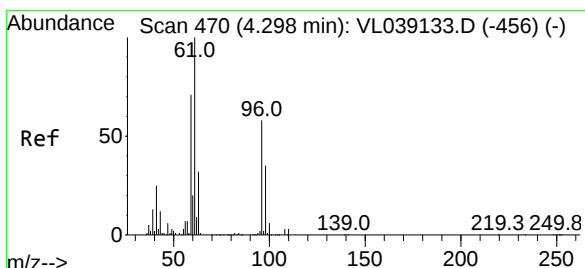
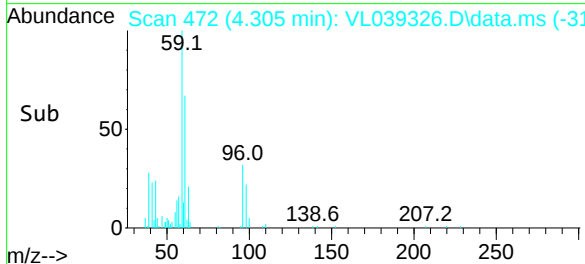
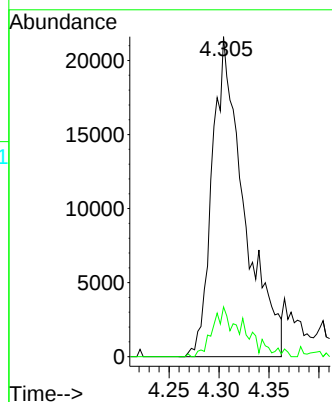
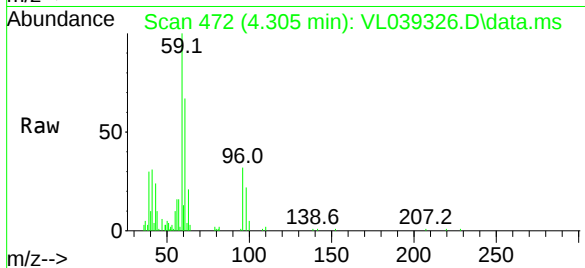
#17
tert-Butyl alcohol
Concen: 0.519 ppbv m
RT: 4.305 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

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

Tgt Ion: 59 Resp: 4795
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7

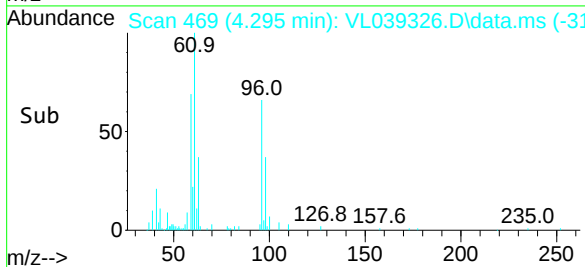
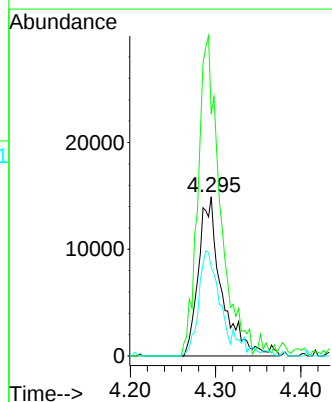
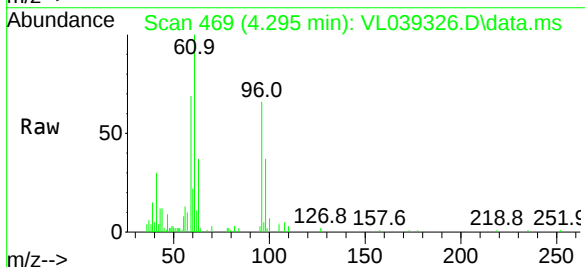
Manual Integrations
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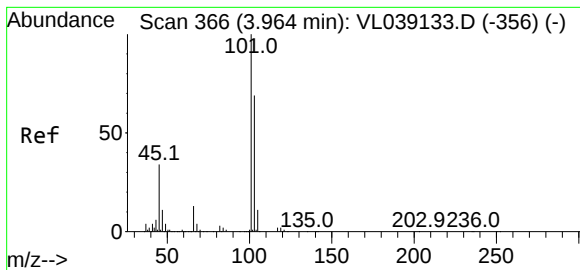
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
1,1-Dichloroethene
Concen: 0.521 ppbv m
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

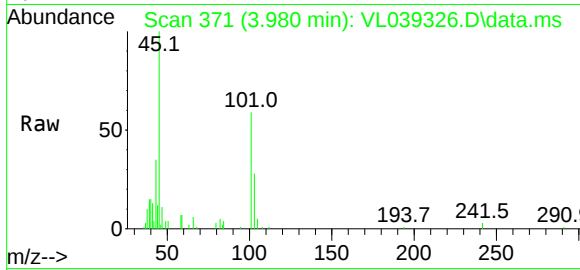
Tgt Ion: 96 Resp: 28137
Ion Ratio Lower Upper
96 100
61 152.1 138.4 207.6
98 55.8 47.8 71.8





#19
Isopropyl Alcohol
Concen: 0.544 ppbv m
RT: 3.980 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

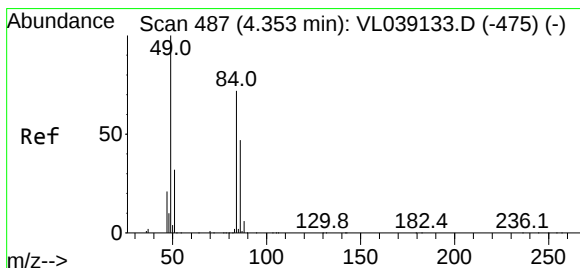
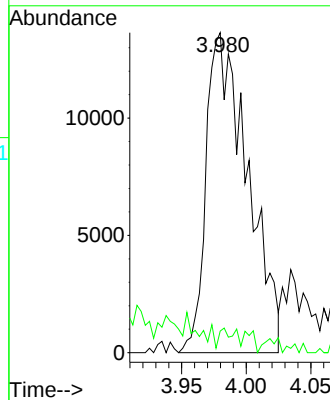
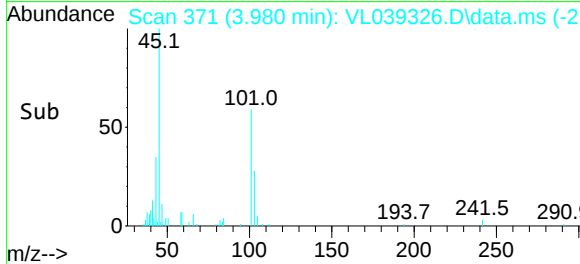
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 45 Resp: 30428
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

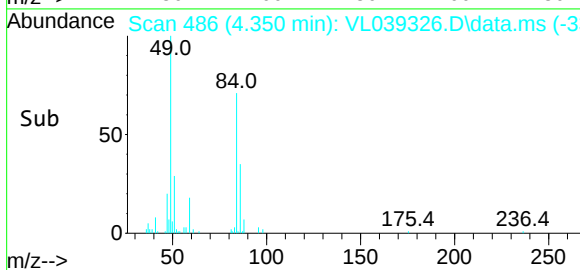
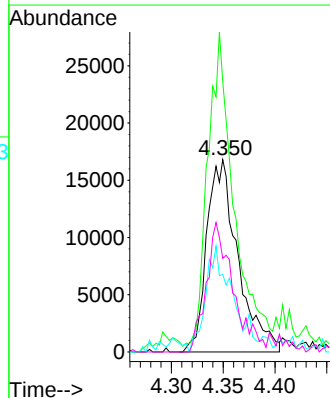
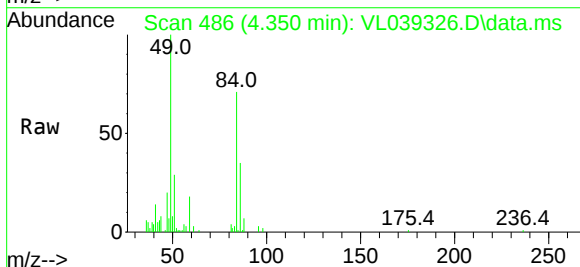
Manual Integrations
APPROVED

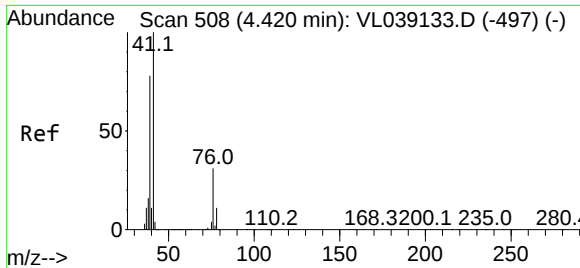
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 0.699 ppbv m
RT: 4.350 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

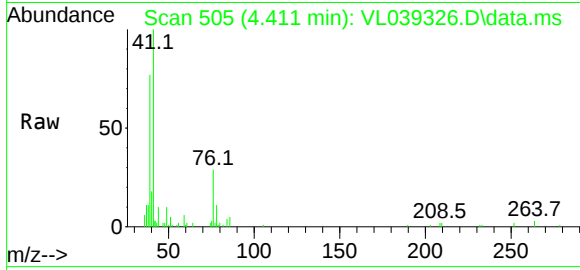
Tgt Ion: 84 Resp: 35128
Ion Ratio Lower Upper
84 100
49 140.5 111.1 166.7
51 40.3 35.3 52.9
86 48.6 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.513 ppbv
 RT: 4.411 min Scan# 508
 Delta R.T. -0.010 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

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

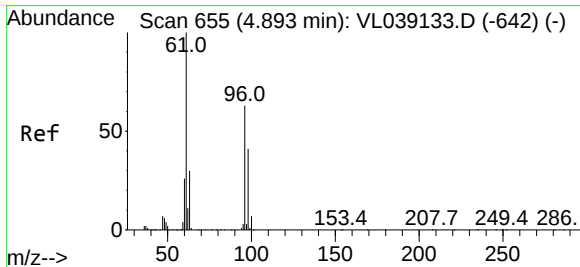
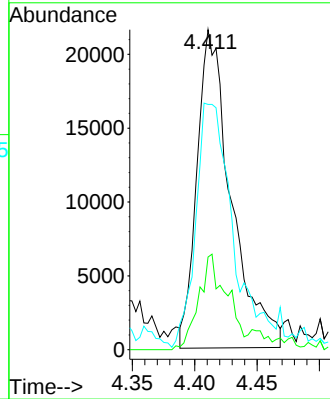
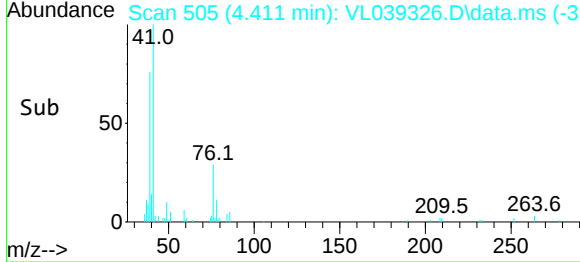


Tgt Ion: 41 Resp: 4128

Ion	Ratio	Lower	Upper
41	100		
76	29.6	24.2	36.2
39	81.4	62.2	93.2

Manual Integrations
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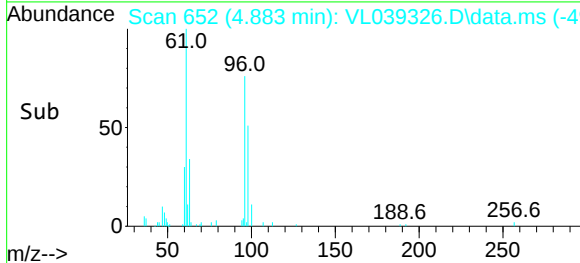
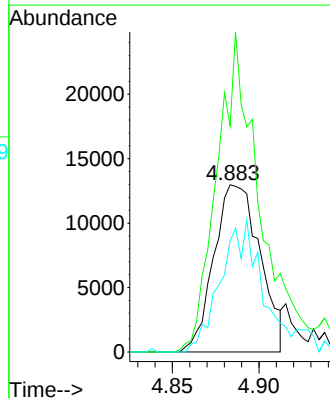
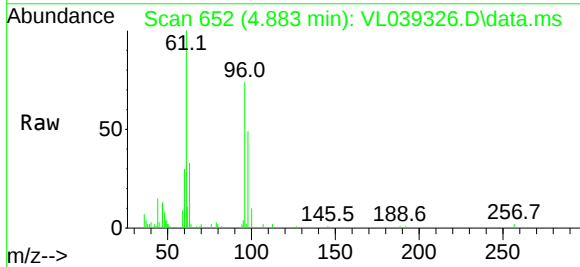
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

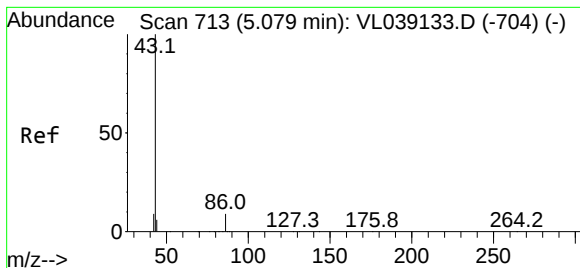


#22
 trans-1,2-Dichloroethene
 Concen: 0.464 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.010 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

Tgt Ion: 96 Resp: 24084

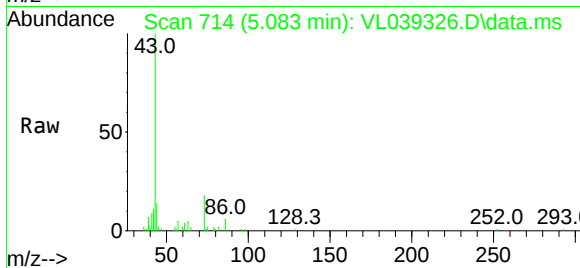
Ion	Ratio	Lower	Upper
96	100		
61	133.8	126.6	190.0
98	66.4	52.5	78.7





#23
 Vinyl Acetate
 Concen: 0.474 ppbv m
 RT: 5.083 min Scan# 713
 Delta R.T. 0.003 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

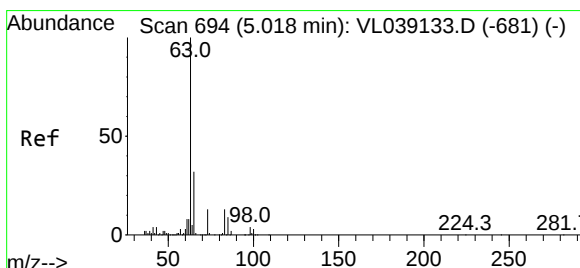
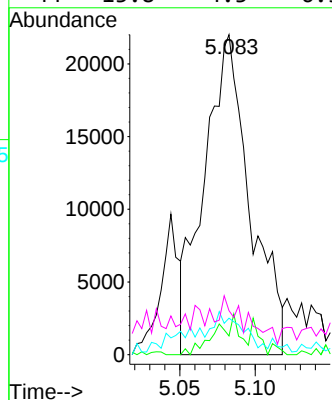
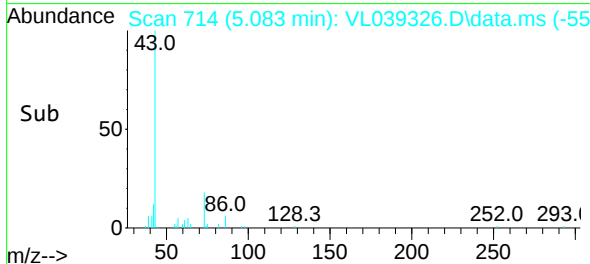
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 4680
 Ion Ratio Lower Upper
 43 100
 86 5.9 6.0 9.0
 42 11.4 8.2 12.4
 44 13.8 4.3 6.5#

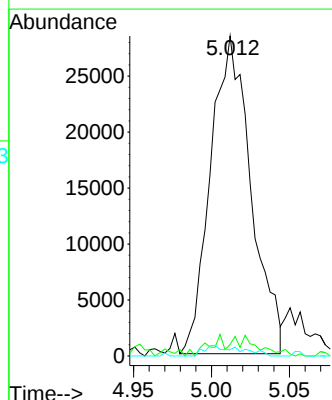
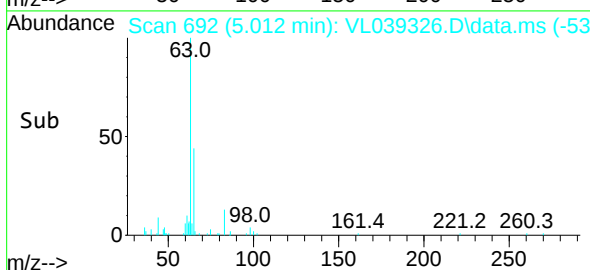
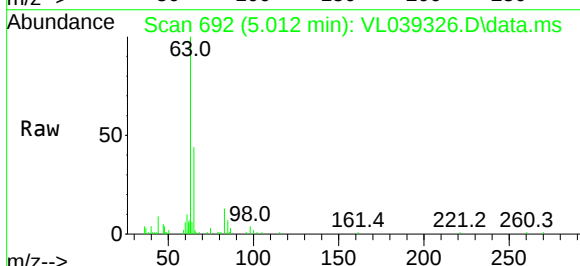
Manual Integrations
 APPROVED

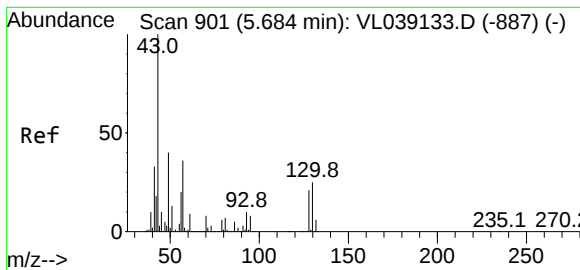
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 0.379 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

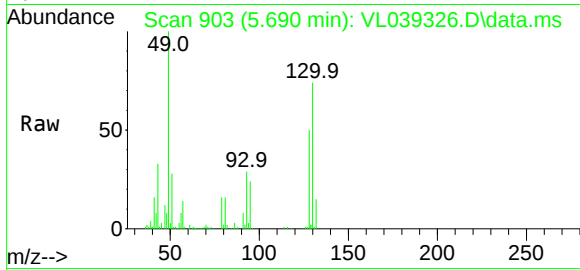
Tgt Ion: 63 Resp: 51221
 Ion Ratio Lower Upper
 63 100
 98 2.3 2.1 6.2
 100 2.0 1.5 4.5





#25
Ethyl Acetate
Concen: 0.423 ppbv m
RT: 5.690 min Scan# 901
Delta R.T. 0.007 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

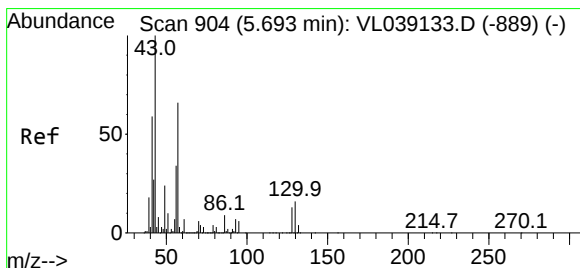
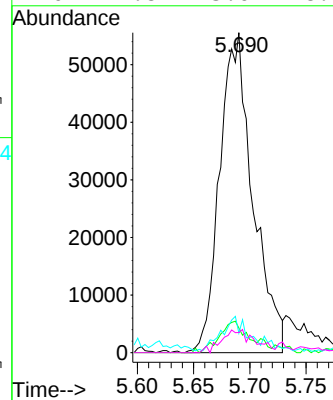
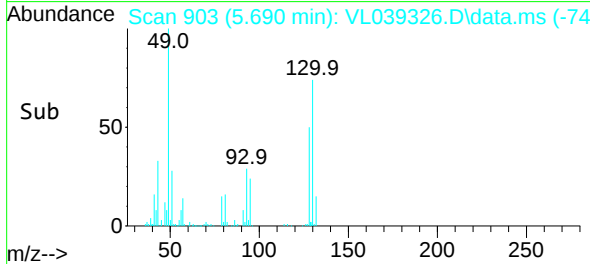
Instrument : MSVOA_L
Client Sample Id :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 113594
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 10.4 8.4 12.6
70 9.8 5.6 8.4#

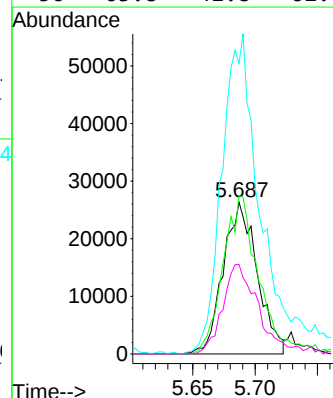
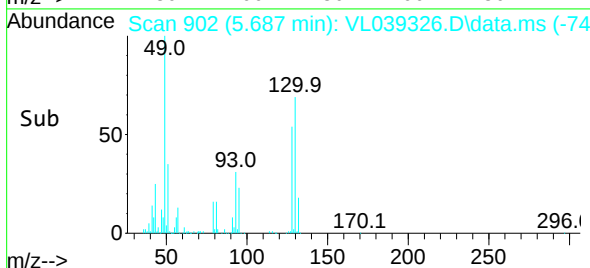
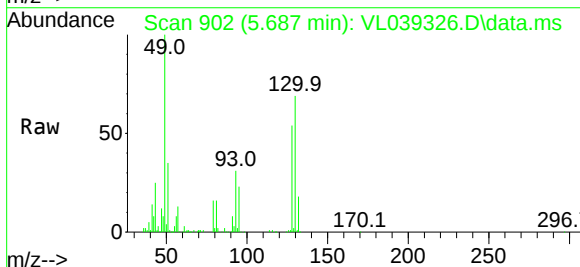
Manual Integrations
APPROVED

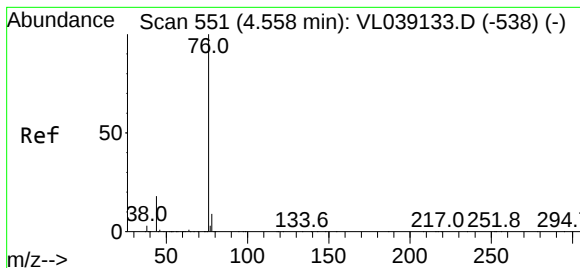
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Hexane
Concen: 0.423 ppbv
RT: 5.687 min Scan# 902
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

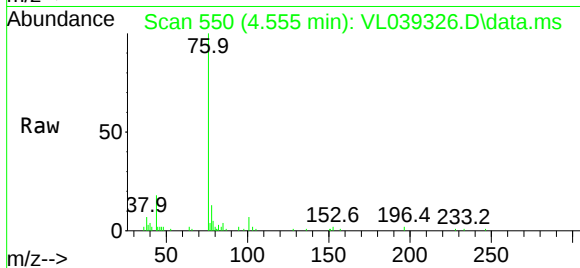
Tgt Ion: 57 Resp: 49995
Ion Ratio Lower Upper
57 100
41 112.0 72.4 108.6#
43 256.6 187.0 280.6
56 63.8 41.8 62.6#





#27
Carbon Disulfide
Concen: 0.424 ppbv
RT: 4.555 min Scan# 51914
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

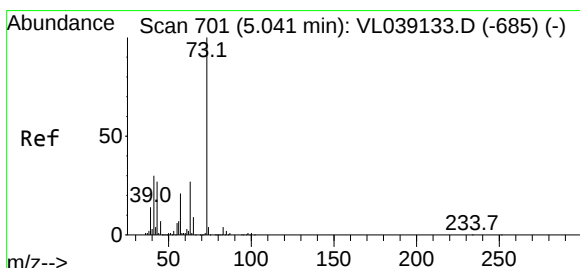
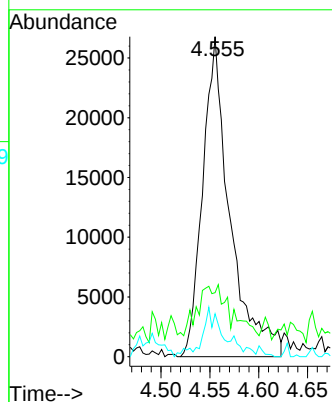
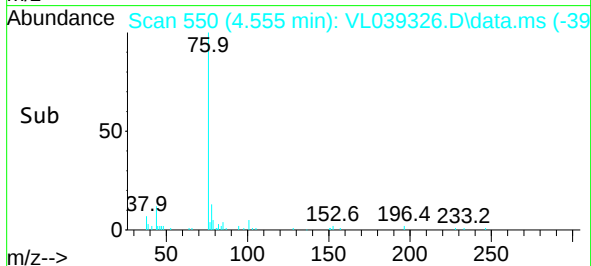
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 76 Resp: 51914
Ion Ratio Lower Upper
76 100
44 23.3 14.4 21.6
78 13.3 7.7 11.5

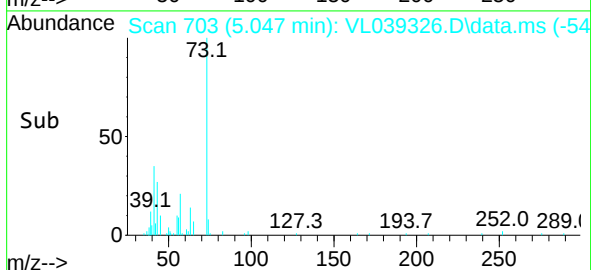
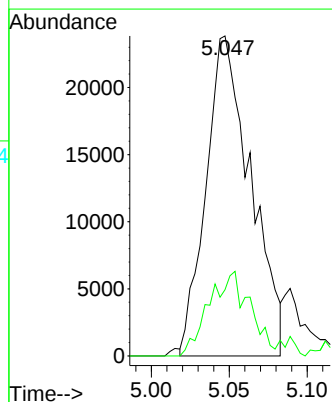
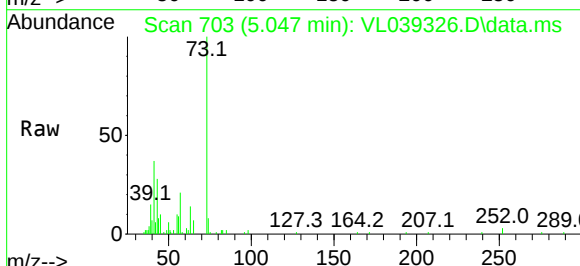
Manual Integrations
APPROVED

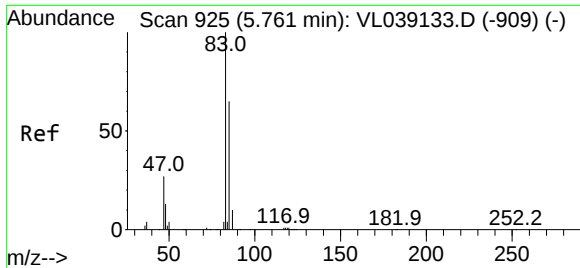
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Methyl tert-Butyl Ether
Concen: 0.366 ppbv
RT: 5.047 min Scan# 703
Delta R.T. 0.007 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 73 Resp: 47682
Ion Ratio Lower Upper
73 100
57 27.4 18.6 27.8





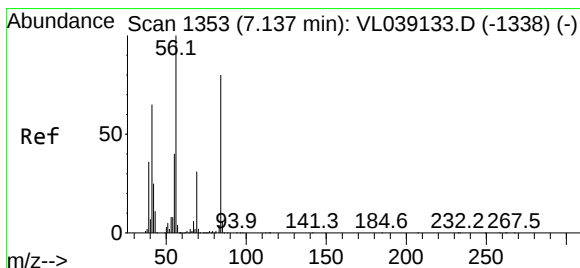
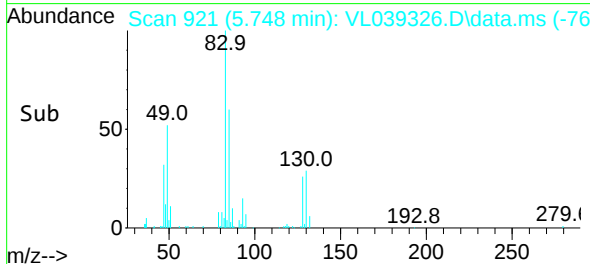
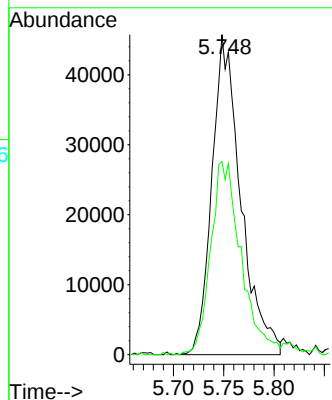
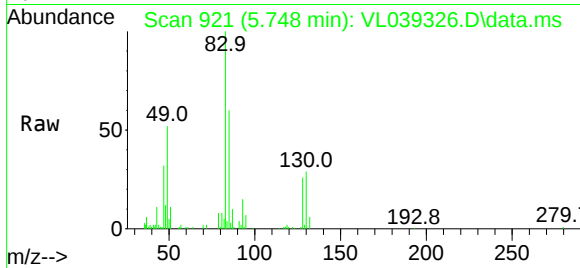
#29
Chloroform
Concen: 0.459 ppbv
RT: 5.748 min Scan# 911
Delta R.T. -0.013 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

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

Tgt Ion: 83 Resp: 9112
Ion Ratio Lower Upper
83 100
85 60.3 52.4 78.6

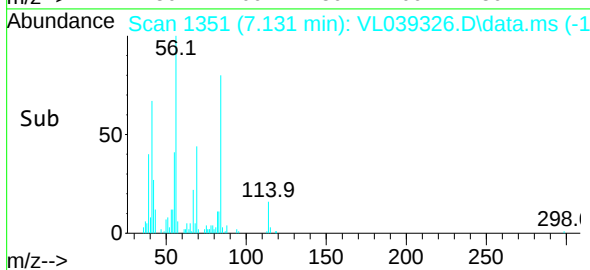
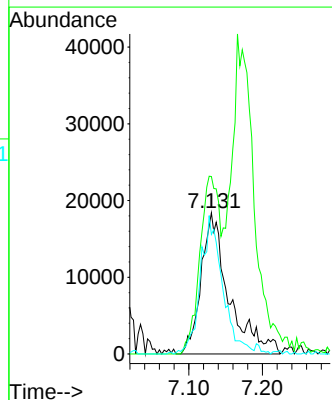
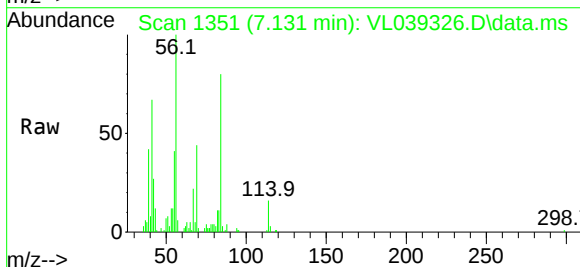
Manual Integrations
APPROVED

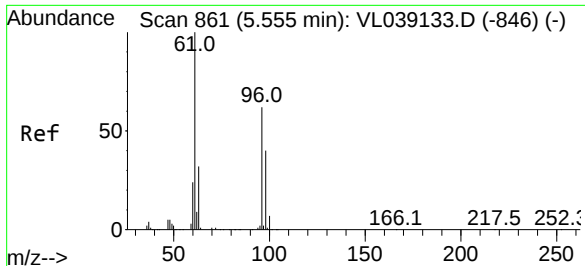
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
Cyclohexane
Concen: 0.485 ppbv m
RT: 7.131 min Scan# 1351
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

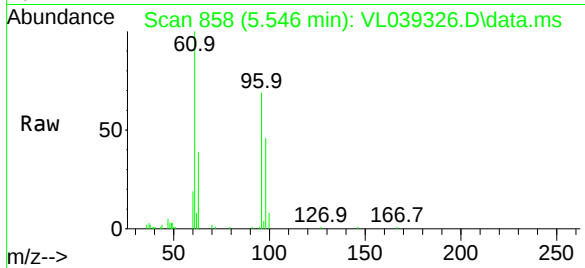
Tgt Ion: 84 Resp: 48160
Ion Ratio Lower Upper
84 100
56 94.7 110.6 165.8#
41 79.8 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 0.428 ppbv m
RT: 5.546 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

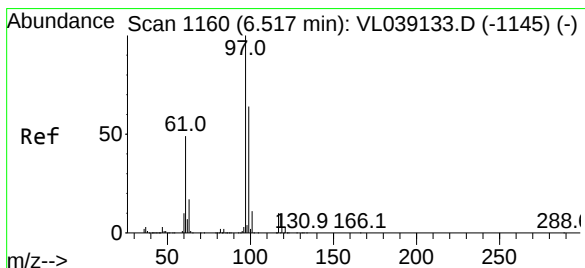
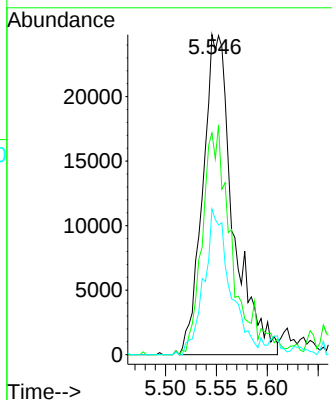
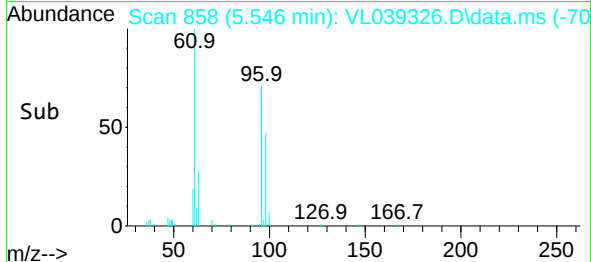
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



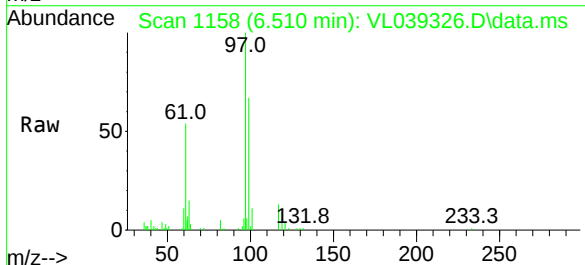
Tgt Ion: 61 Resp: 5156
Ion Ratio Lower Upper
61 100
96 69.3 49.9 74.9
98 45.5 32.0 48.0

Manual Integrations
APPROVED

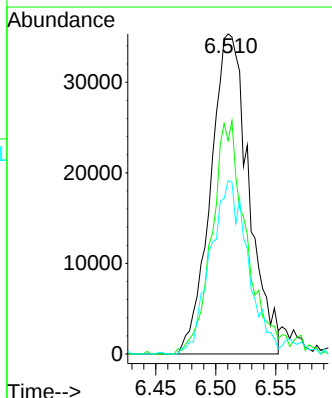
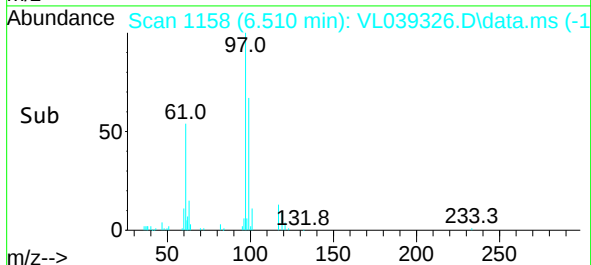
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

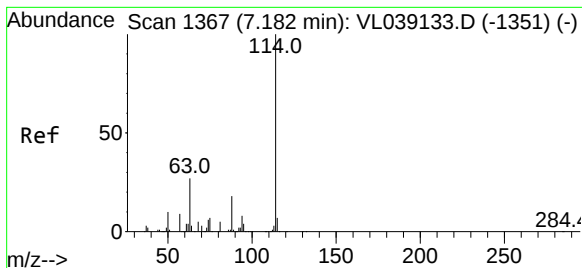


#32
1,1,1-Trichloroethane
Concen: 0.402 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



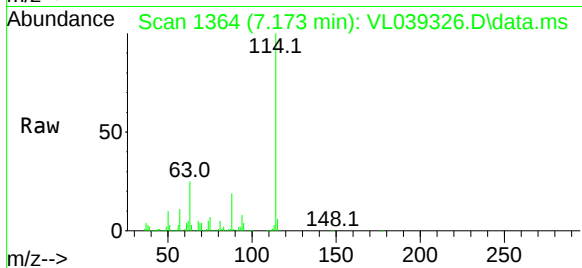
Tgt Ion: 97 Resp: 78221
Ion Ratio Lower Upper
97 100
99 68.2 52.1 78.1
61 55.7 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

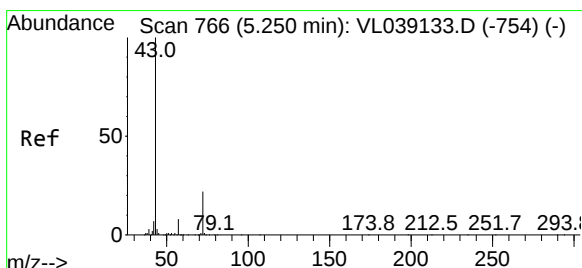
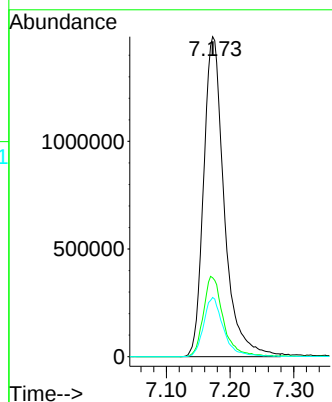
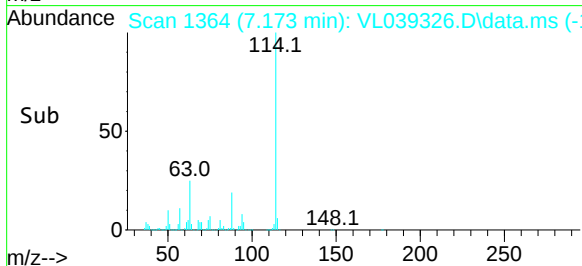
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:114 Resp: 3343960
Ion Ratio Lower Upper
114 100
63 24.6 21.7 32.5
88 18.1 14.8 22.2

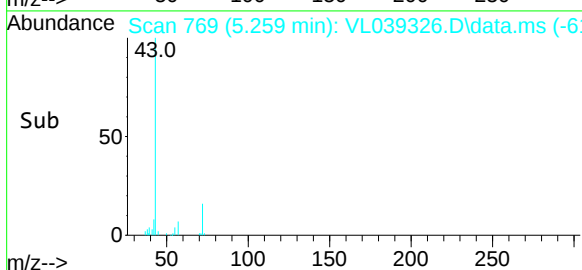
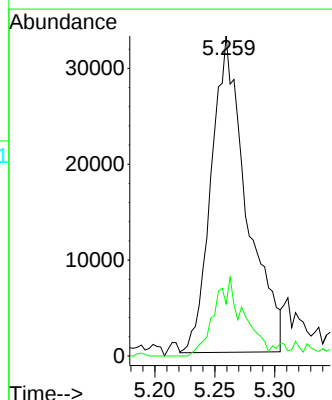
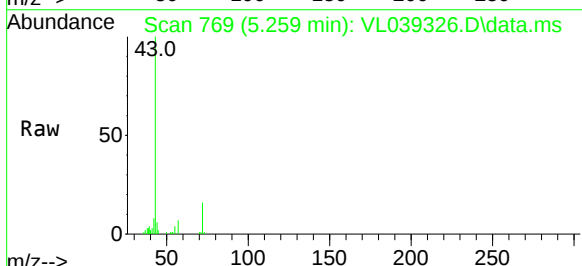
Manual Integrations
APPROVED

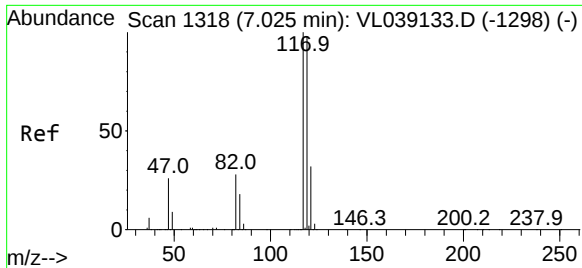
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#34
2-Butanone
Concen: 0.372 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 43 Resp: 67665
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.2





#35

Carbon Tetrachloride

Concen: 0.328 ppbv

RT: 7.018 min Scan# 117

Delta R.T. -0.006 min

Lab File: VL039326.D

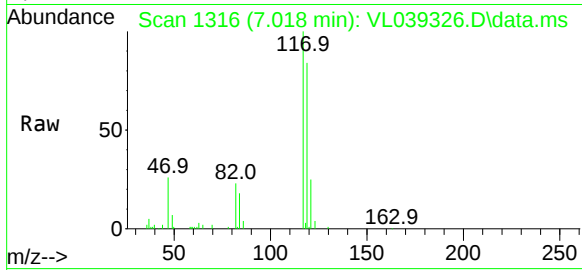
Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 117 Resp: 80092

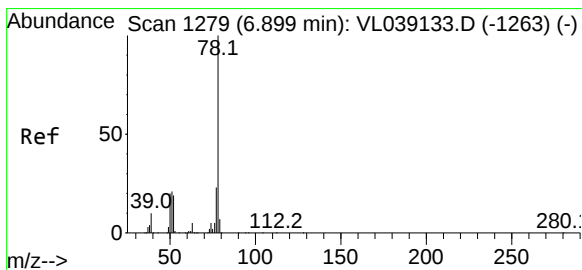
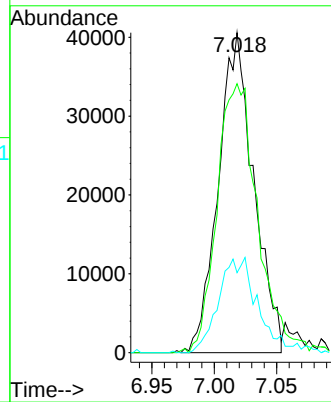
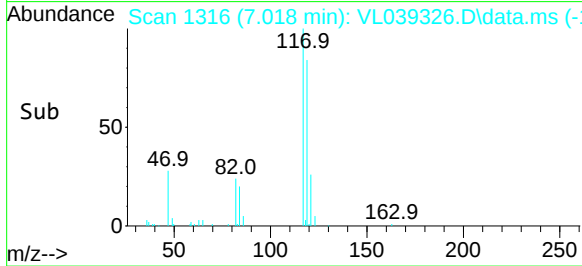
Ion	Ratio	Lower	Upper
117	100		
119	83.4	78.6	118.0
121	25.0	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#36

Benzene

Concen: 0.385 ppbv

RT: 6.886 min Scan# 1275

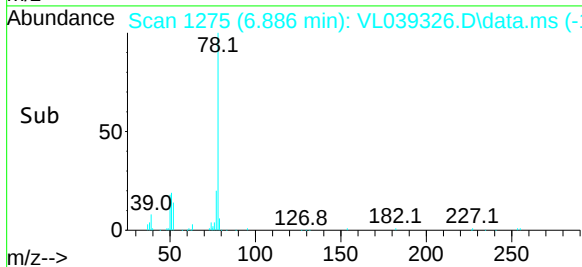
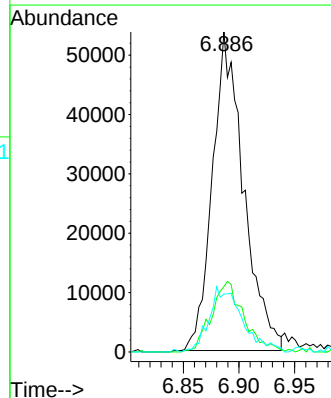
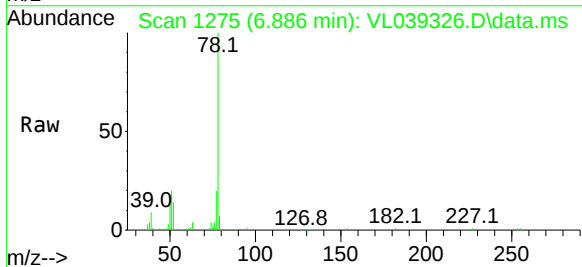
Delta R.T. -0.013 min

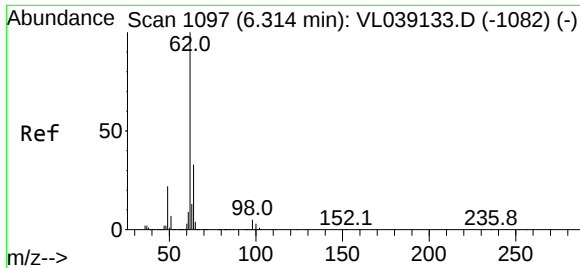
Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Tgt Ion: 78 Resp: 104417

Ion	Ratio	Lower	Upper
78	100		
77	20.5	18.6	27.8
50	18.2	15.8	23.8





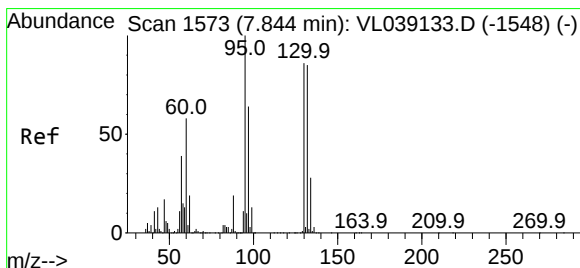
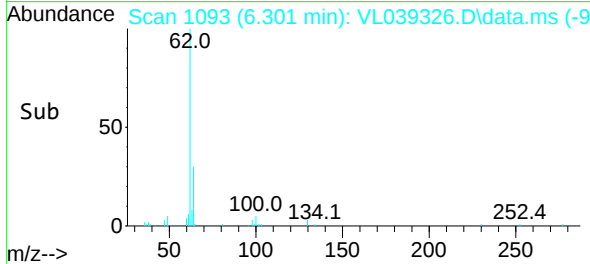
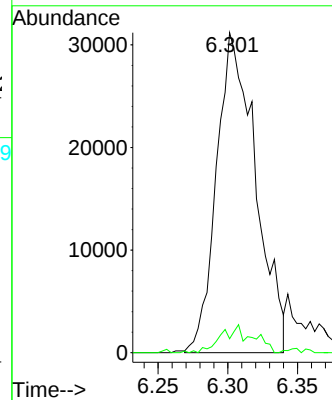
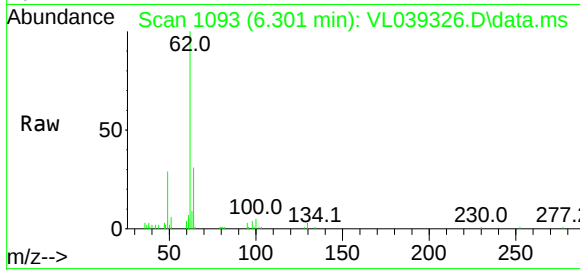
#37
1,2-Dichloroethane
Concen: 0.340 ppbv m
RT: 6.301 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

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

Tgt Ion: 62 Resp: 6080
Ion Ratio Lower Upper
62 100
98 7.7 4.3 6.5

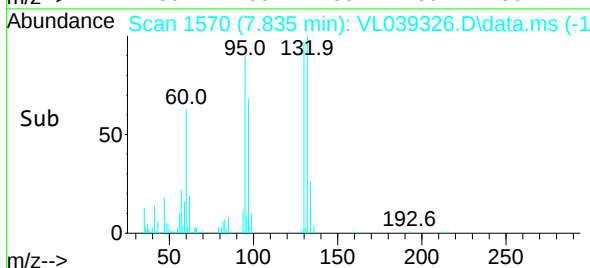
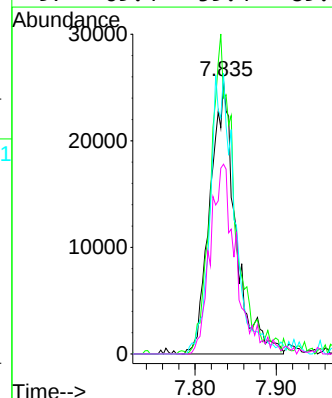
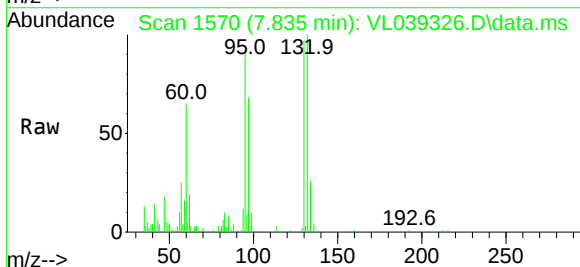
Manual Integrations
APPROVED

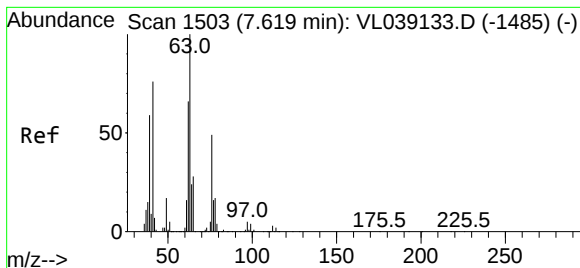
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 0.449 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:130 Resp: 55981
Ion Ratio Lower Upper
130 100
95 93.6 93.3 139.9
132 102.7 79.0 118.4
97 69.4 59.4 89.2





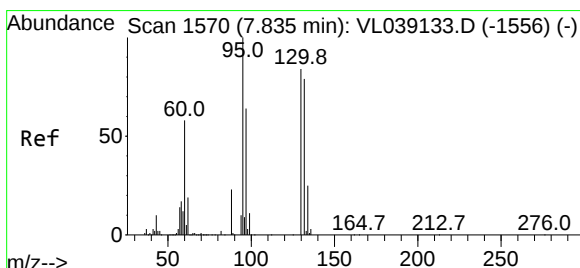
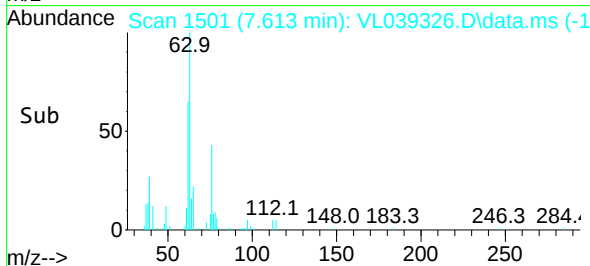
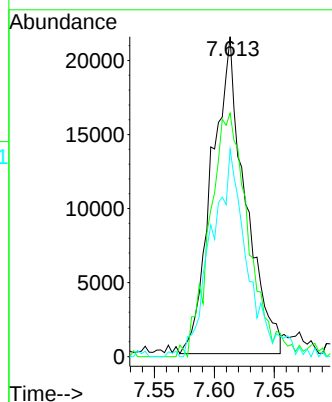
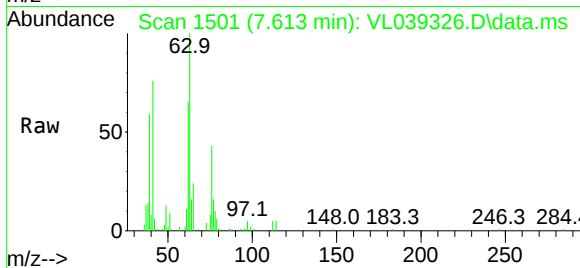
#39
1,2-Dichloropropane
Concen: 0.384 ppbv
RT: 7.613 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

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

Tgt Ion: 63 Resp: 41470
Ion Ratio Lower Upper
63 100
41 73.2 60.8 91.2
62 65.5 52.9 79.3

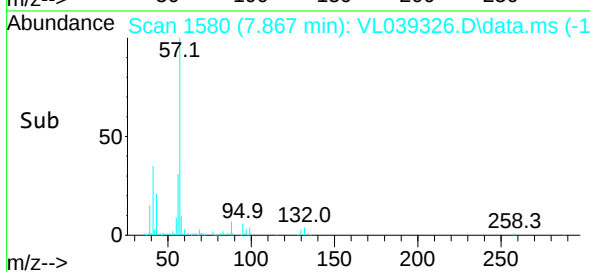
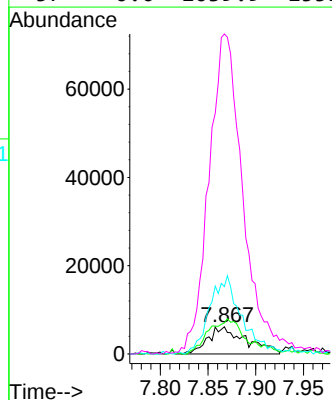
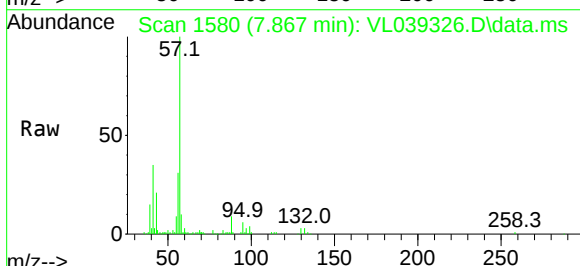
Manual Integrations
APPROVED

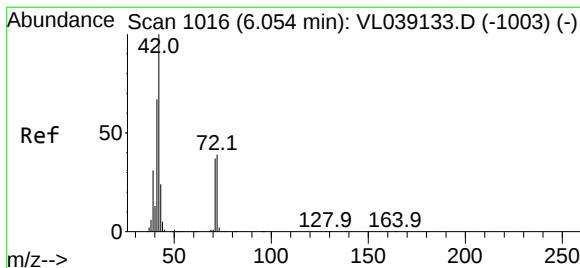
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#40
1,4-Dioxane
Concen: 0.484 ppbv m
RT: 7.867 min Scan# 1580
Delta R.T. 0.032 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

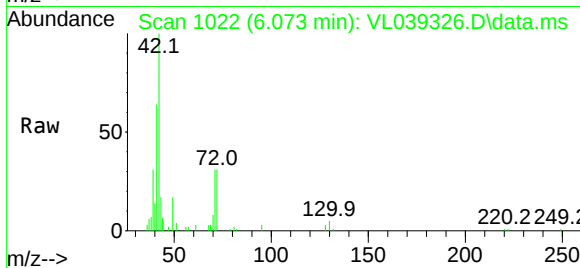
Tgt Ion: 88 Resp: 17205
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.351 ppbv m
RT: 6.073 min Scan# 1016
Delta R.T. 0.019 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

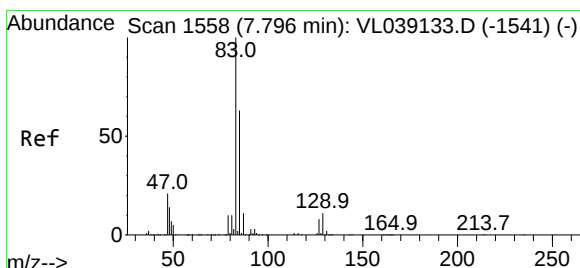
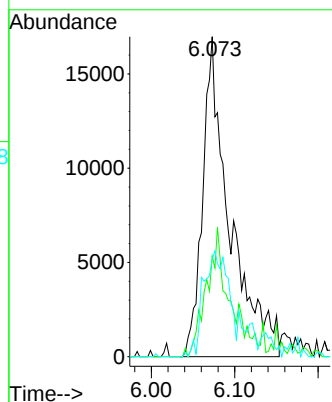
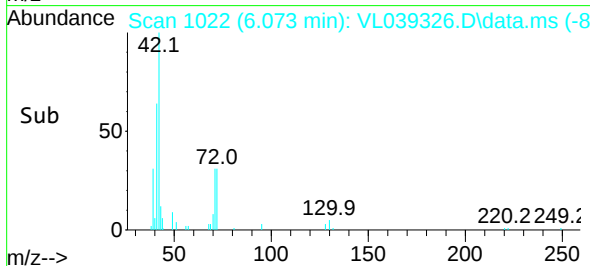
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 42 Resp: 38360
Ion Ratio Lower Upper
42 100
72 38.2 32.0 48.0
71 41.7 31.1 46.7

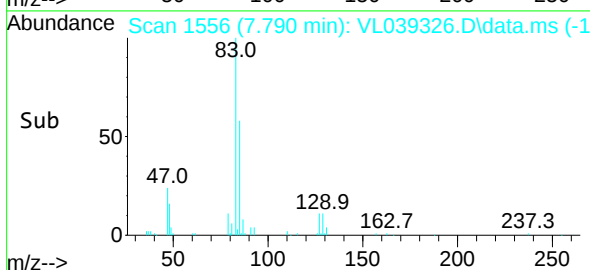
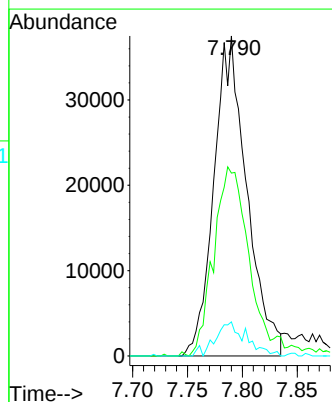
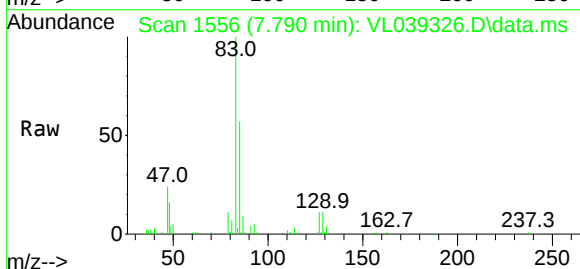
Manual Integrations
APPROVED

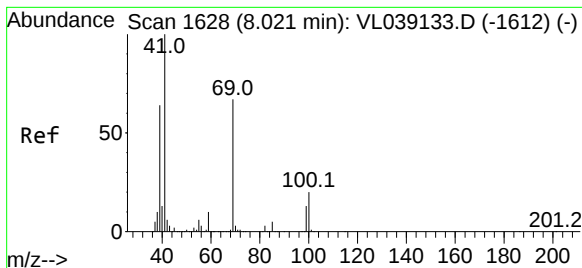
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
Bromodichloromethane
Concen: 0.314 ppbv m
RT: 7.790 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

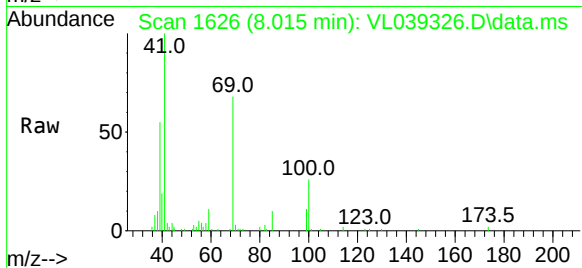
Tgt Ion: 83 Resp: 77955
Ion Ratio Lower Upper
83 100
85 57.2 50.2 75.4
127 10.6 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.340 ppbv m
RT: 8.015 min Scan# 1
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

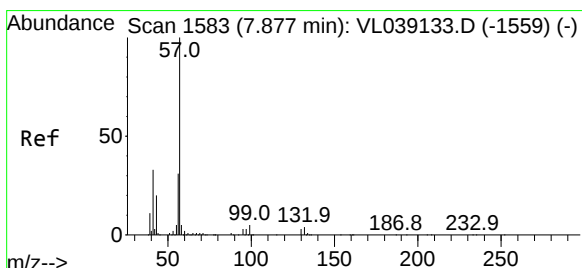
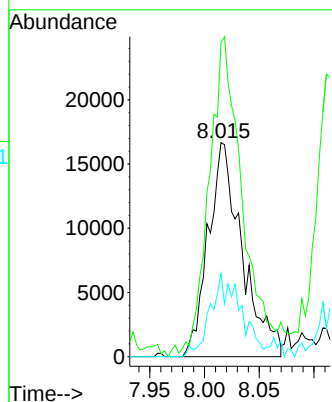
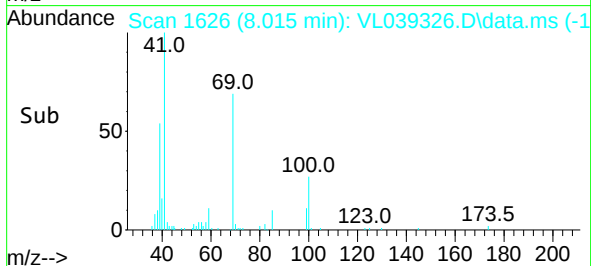
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 69 Resp: 35920
Ion Ratio Lower Upper
69 100
41 150.9 121.9 182.9
100 35.4 24.1 36.1

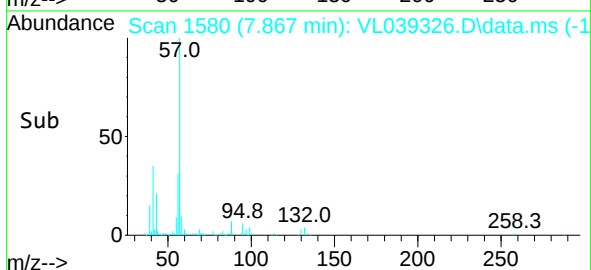
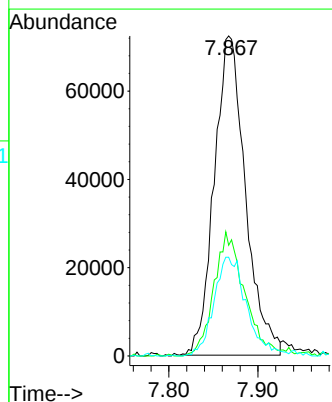
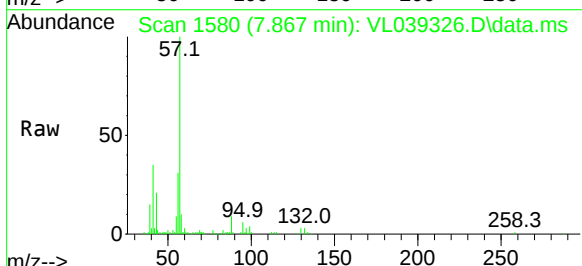
Manual Integrations
APPROVED

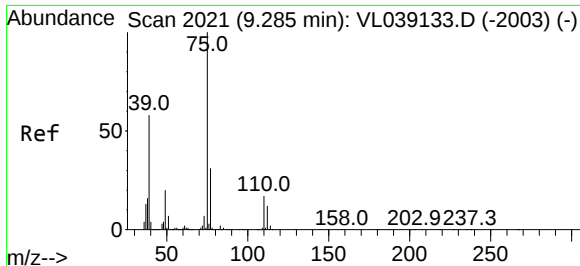
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
2,2,4-Trimethylpentane
Concen: 0.371 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion: 57 Resp: 176032
Ion Ratio Lower Upper
57 100
41 39.5 26.2 39.4#
56 32.8 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 0.256 ppbv m

RT: 9.275 min Scan# 20

Delta R.T. -0.010 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 75 Resp: 2816

Ion Ratio Lower Upper

75 100

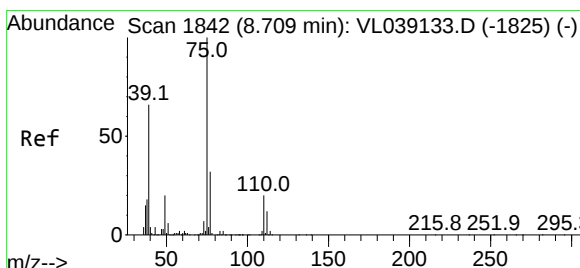
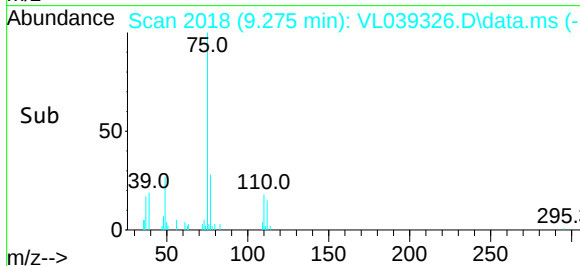
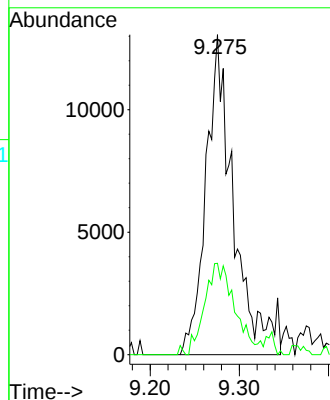
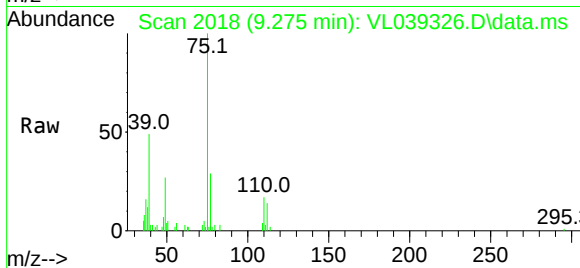
77 28.5 24.4 36.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#46

cis-1,3-Dichloropropene

Concen: 0.284 ppbv m

RT: 8.700 min Scan# 1839

Delta R.T. -0.010 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

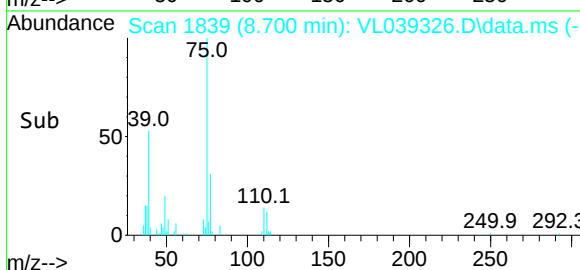
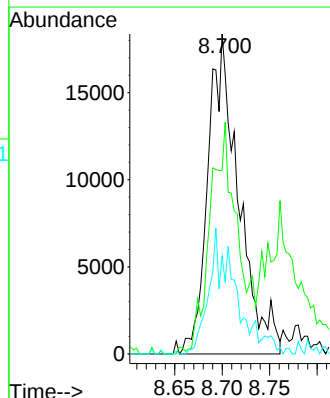
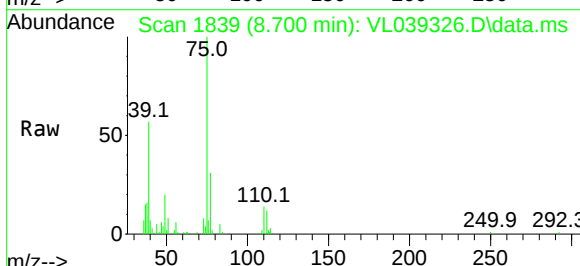
Tgt Ion: 75 Resp: 41259

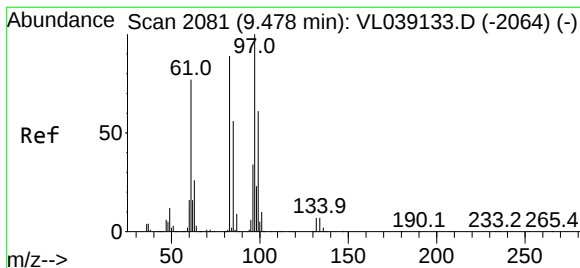
Ion Ratio Lower Upper

75 100

39 57.3 52.4 78.6

77 30.6 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 0.391 ppbv m

RT: 9.475 min Scan# 2081

Delta R.T. -0.003 min

Lab File: VL039326.D

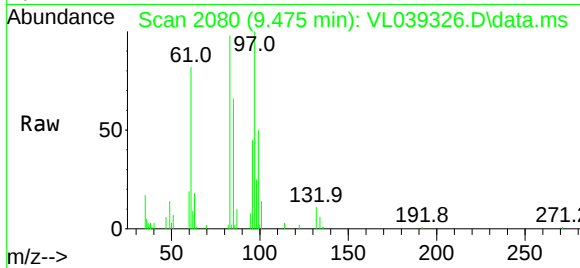
Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 97 Resp: 44099

Ion Ratio Lower Upper

97 100

83 97.7 71.6 107.4

85 66.4 44.8 67.2

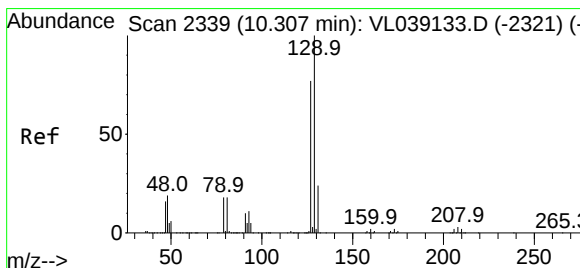
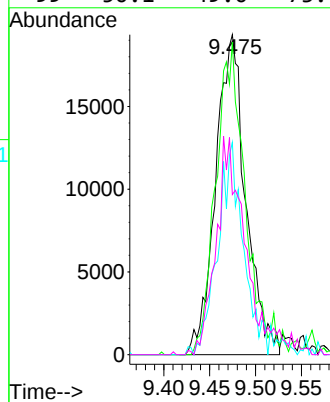
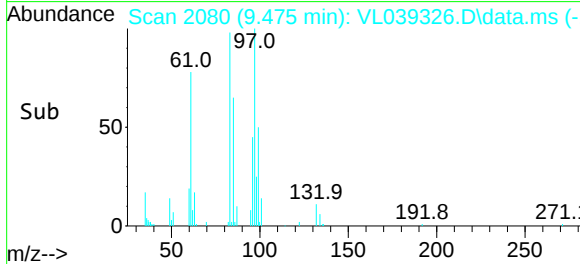
99 50.1 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#48

Dibromochloromethane

Concen: 0.301 ppbv m

RT: 10.298 min Scan# 2336

Delta R.T. -0.010 min

Lab File: VL039326.D

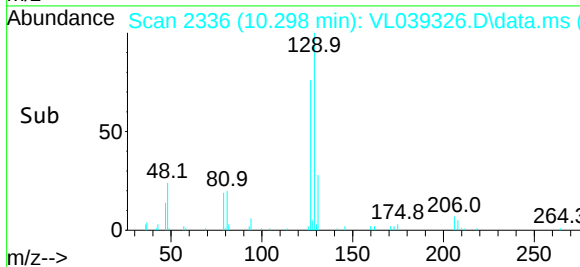
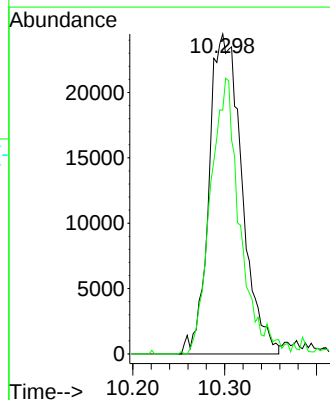
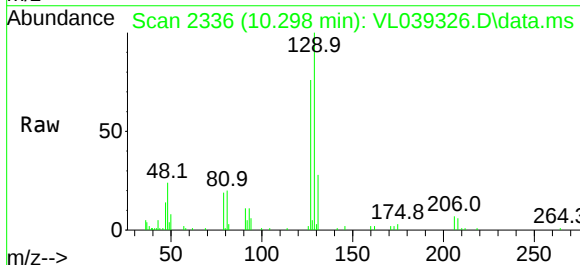
Acq: 22 Jun 2022 18:57

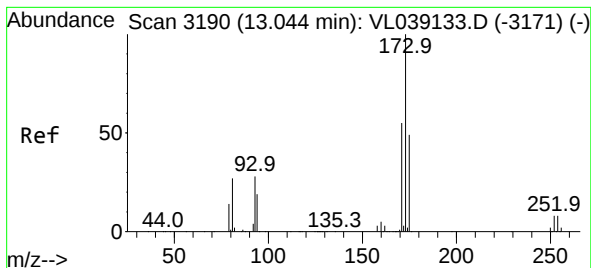
Tgt Ion:129 Resp: 60626

Ion Ratio Lower Upper

129 100

127 77.5 40.0 119.9





#49

Bromoform

Concen: 0.260 ppbv m

RT: 13.040 min Scan# 3190

Delta R.T. -0.003 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

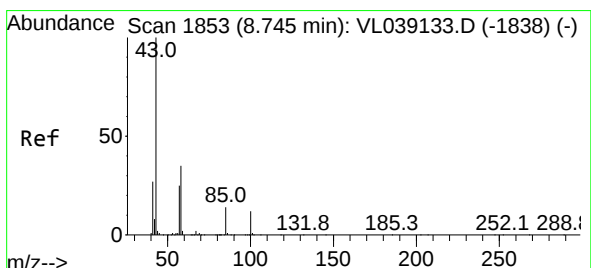
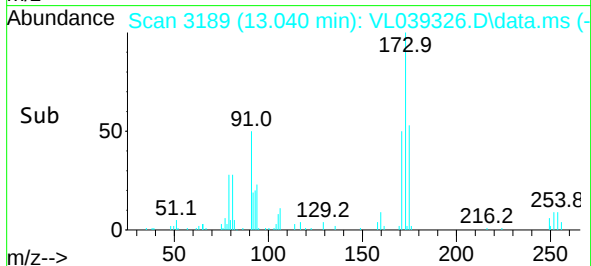
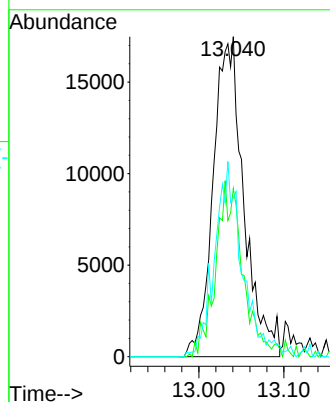
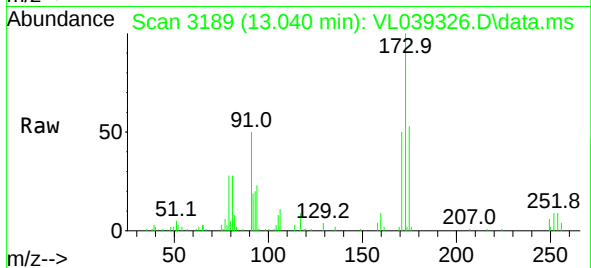
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	173	Resp:	4350
Ion Ratio	Lower	Upper	
173	100		
175	49.3	40.2	60.2
171	55.2	43.9	65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#50

4-Methyl-2-Pentanone

Concen: 0.340 ppbv m

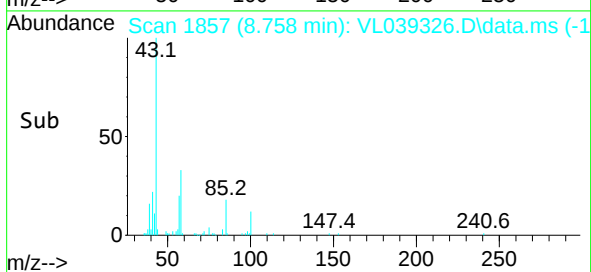
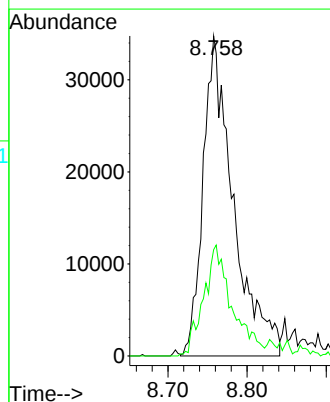
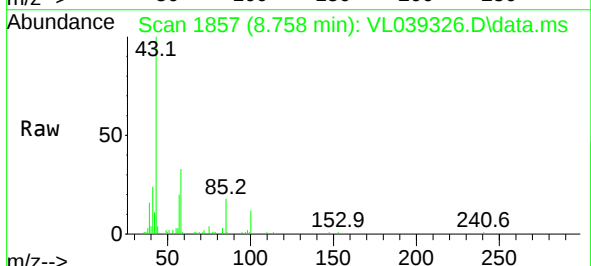
RT: 8.758 min Scan# 1857

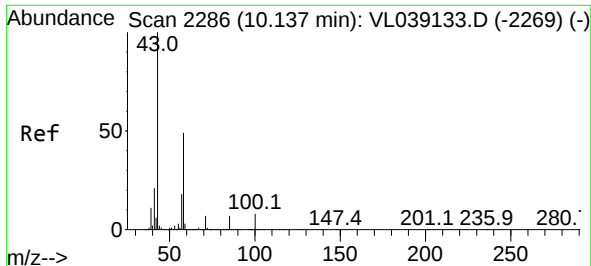
Delta R.T. 0.013 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

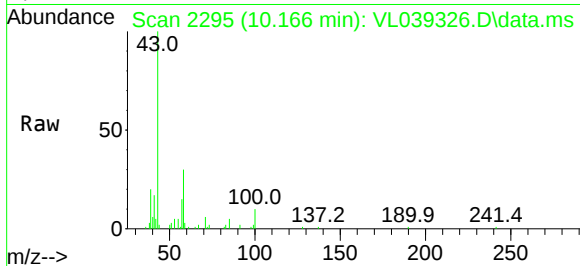
Tgt Ion:	43	Resp:	92368
Ion Ratio	Lower	Upper	
43	100		
58	32.7	28.7	43.1





#51
2-Hexanone
Concen: 0.298 ppbv m
RT: 10.166 min Scan# 2286
Delta R.T. 0.029 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

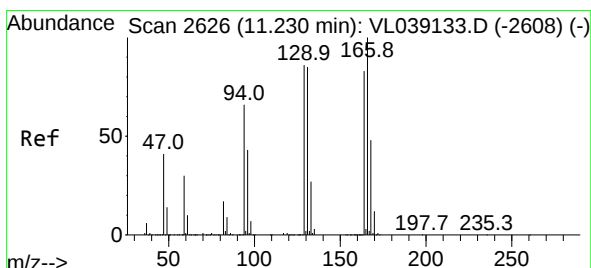
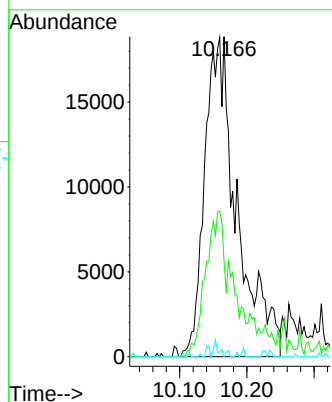
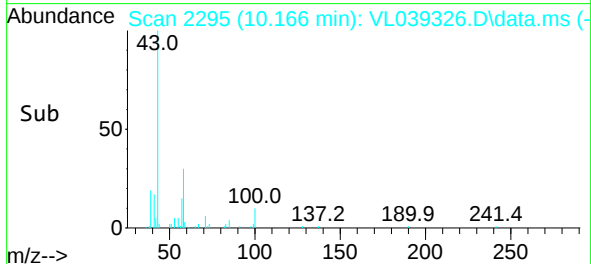
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 6303
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 1.6 0.1 0.1

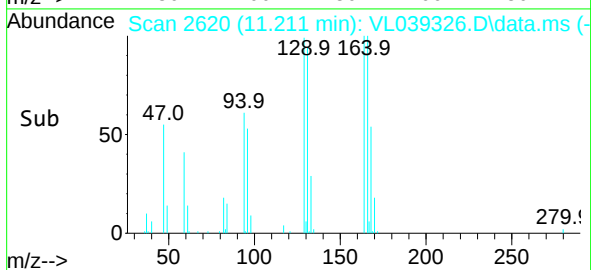
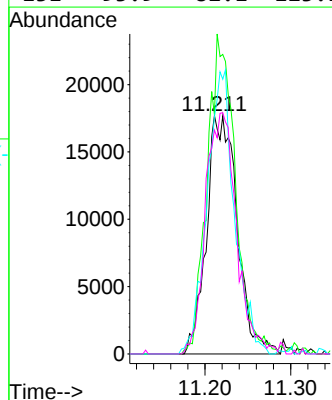
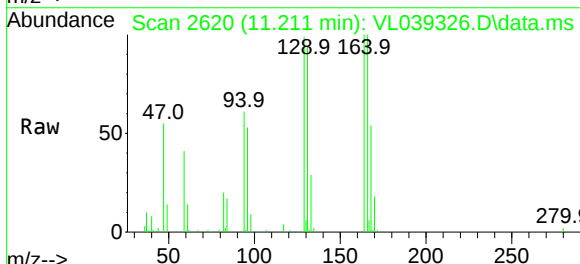
Manual Integrations
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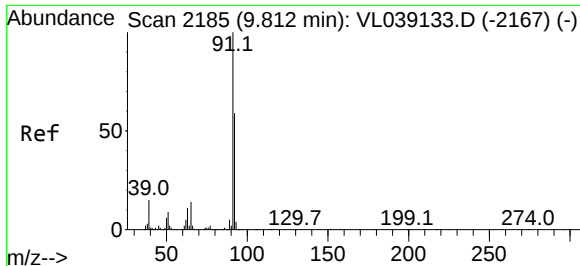
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#52
Tetrachloroethene
Concen: 0.415 ppbv m
RT: 11.211 min Scan# 2620
Delta R.T. -0.019 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

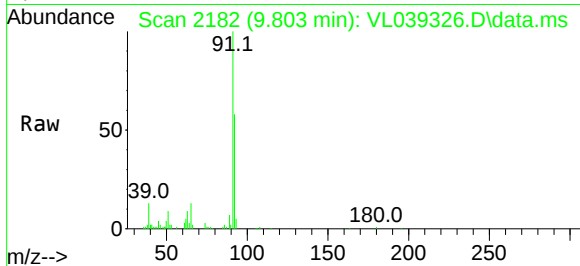
Tgt Ion:164 Resp: 43989
Ion Ratio Lower Upper
164 100
166 100.4 96.3 144.5
129 99.5 82.5 123.7
131 93.9 82.1 123.1





#53
Toluene
Concen: 0.361 ppbv m
RT: 9.803 min Scan# 2185
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

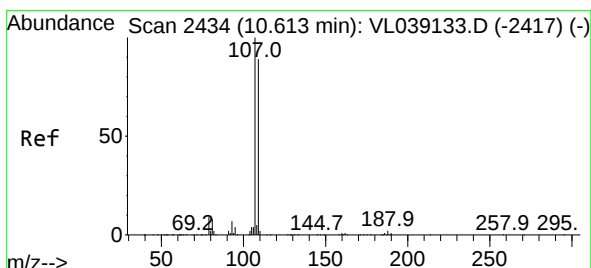
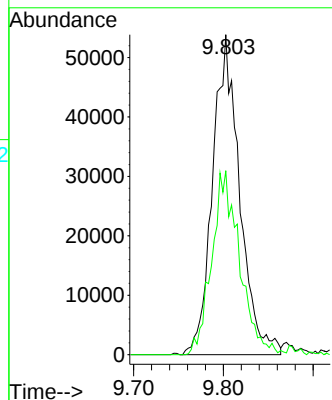
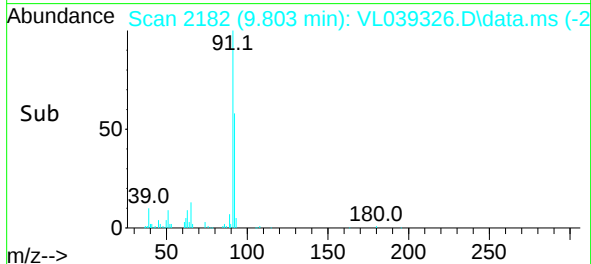
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



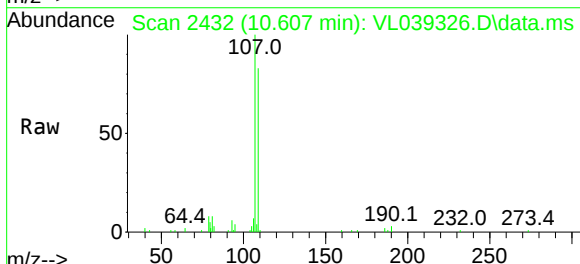
Tgt Ion: 91 Resp: 11300
Ion Ratio Lower Upper
91 100
92 59.1 48.1 72.1

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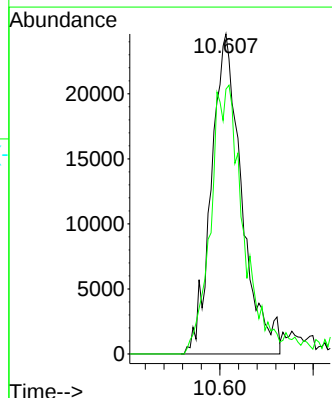
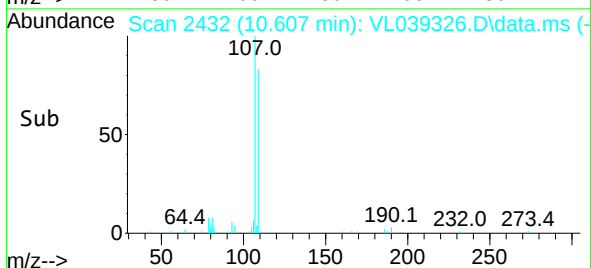
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

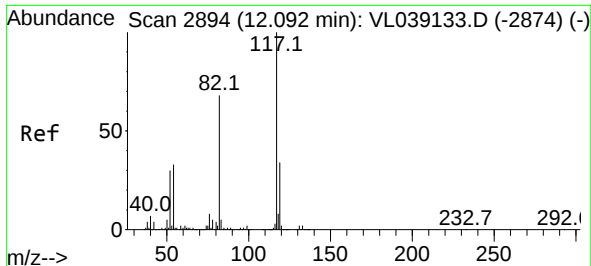


#54
1,2-Dibromoethane
Concen: 0.368 ppbv m
RT: 10.607 min Scan# 2432
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



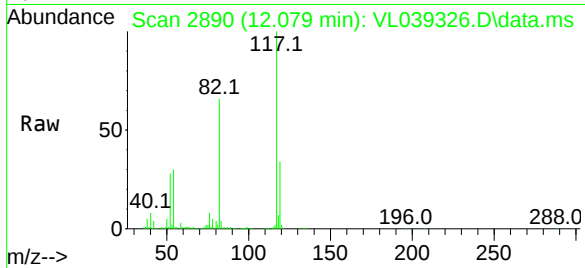
Tgt Ion:107 Resp: 55676
Ion Ratio Lower Upper
107 100
109 82.7 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2894
Delta R.T. -0.013 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

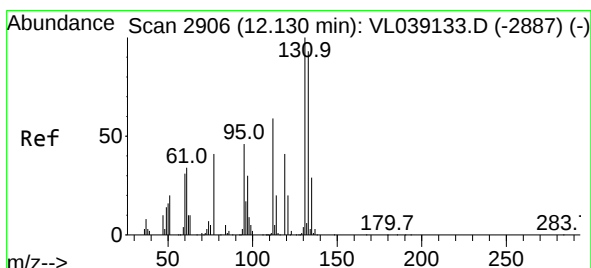
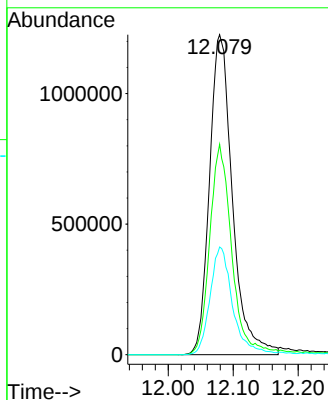
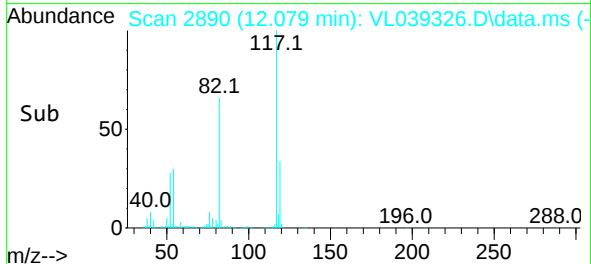
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:117 Resp: 3004194
Ion Ratio Lower Upper
117 100
82 64.8 55.1 82.7
119 33.4 24.7 37.1

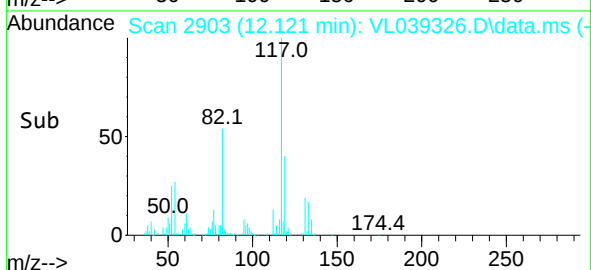
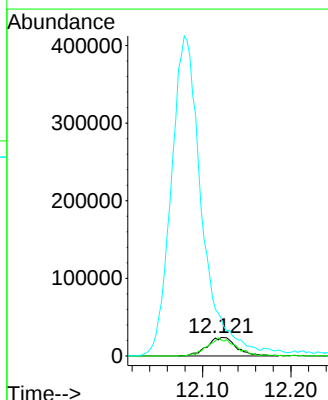
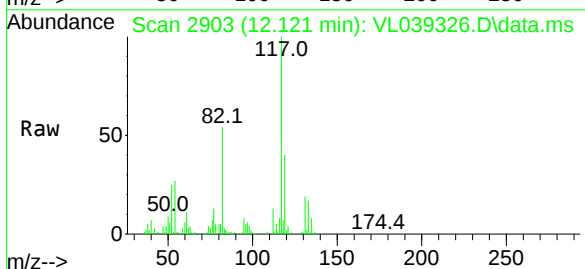
Manual Integrations
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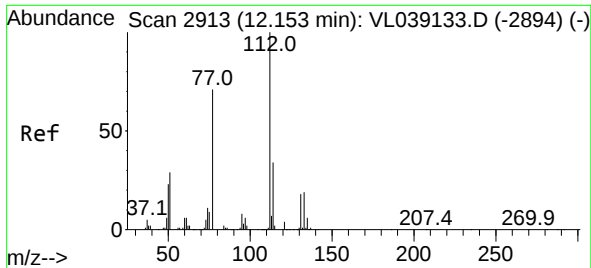
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.387 ppbv m
RT: 12.121 min Scan# 2903
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

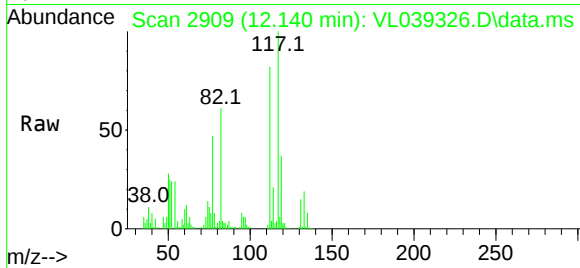
Tgt Ion:131 Resp: 54977
Ion Ratio Lower Upper
131 100
133 95.3 78.6 117.8
119 0.0 51.7 77.5#





#57
Chlorobenzene
Concen: 0.445 ppbv
RT: 12.140 min Scan# 2913
Delta R.T. -0.013 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

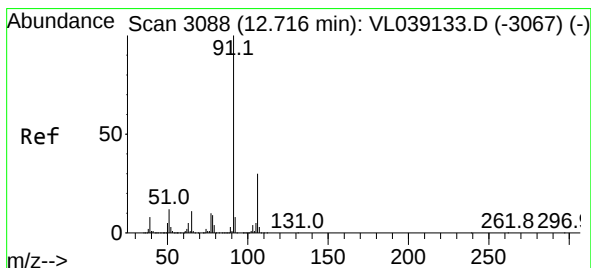
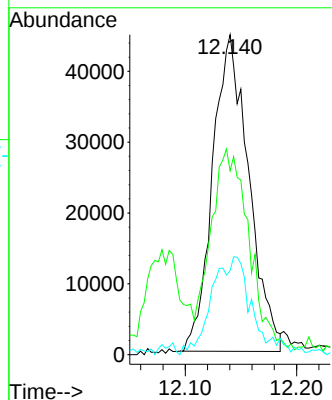
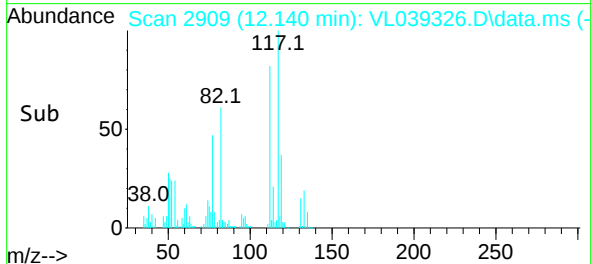
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



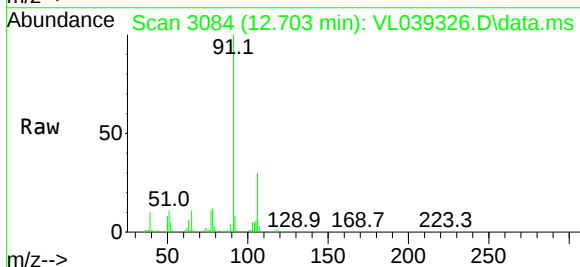
Tgt Ion:112 Resp: 100600
Ion Ratio Lower Upper
112 100
77 53.0 56.5 84.7
114 26.5 30.3 37.1

Manual Integrations
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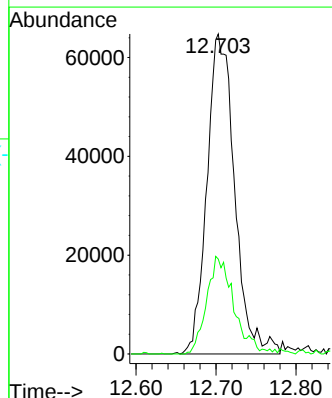
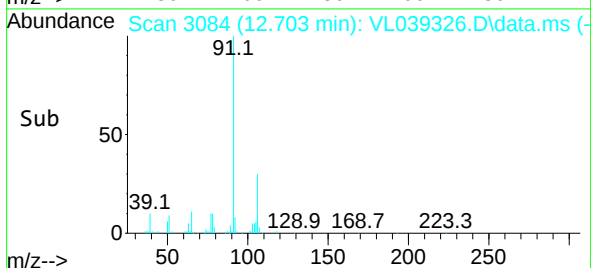
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

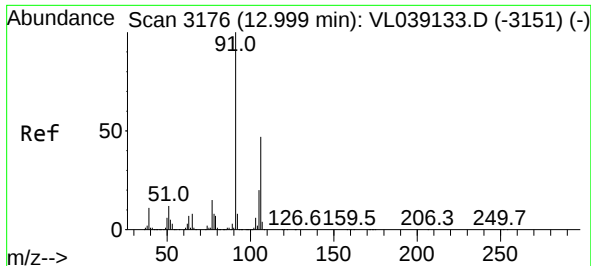


#58
Ethyl Benzene
Concen: 0.375 ppbv m
RT: 12.703 min Scan# 3084
Delta R.T. -0.013 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



Tgt Ion: 91 Resp: 155090
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4





#59

m/p-Xylene

Concen: 0.763 ppbv m

RT: 12.983 min Scan# 3171

Delta R.T. -0.016 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 27794

Ion Ratio Lower Upper

91 100

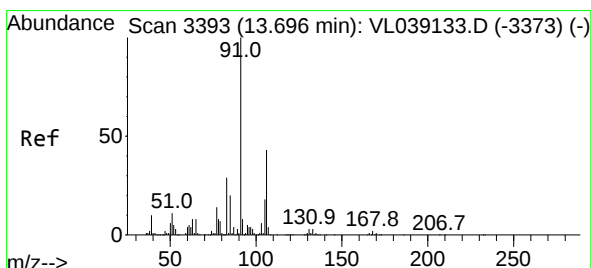
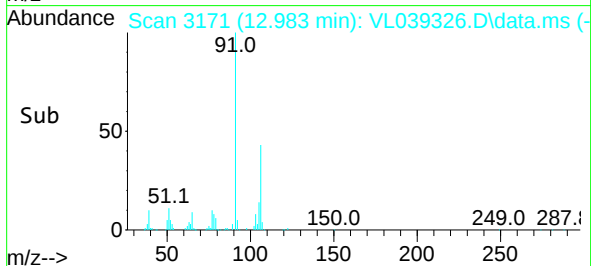
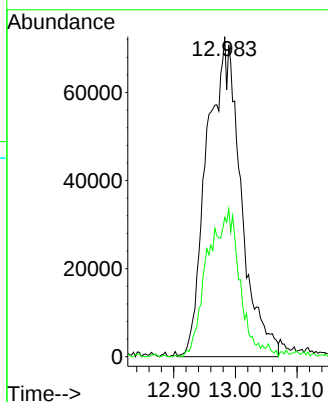
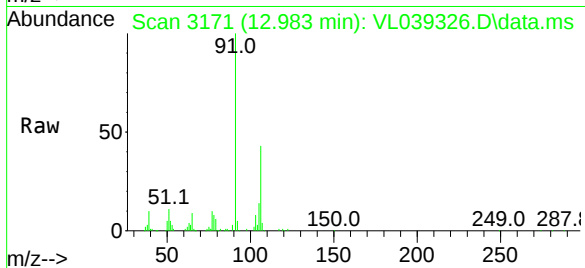
106 0.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

o-Xylene

Concen: 0.379 ppbv m

RT: 13.684 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039326.D

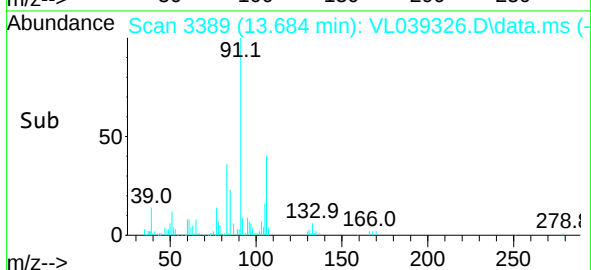
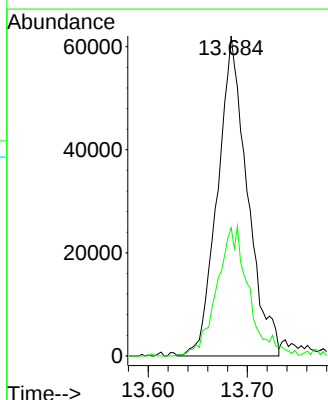
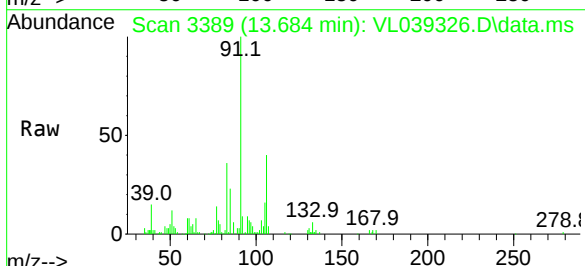
Acq: 22 Jun 2022 18:57

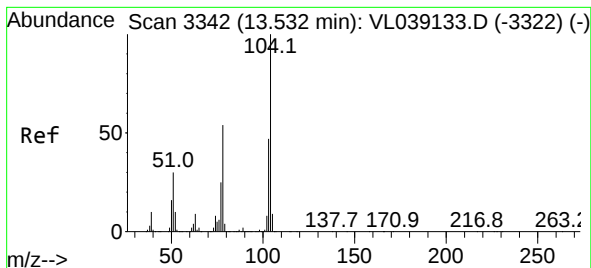
Tgt Ion: 91 Resp: 129765

Ion Ratio Lower Upper

91 100

106 43.3 22.3 66.9





#61

Styrene

Concen: 0.329 ppbv m

RT: 13.516 min Scan# 3337

Delta R.T. -0.016 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

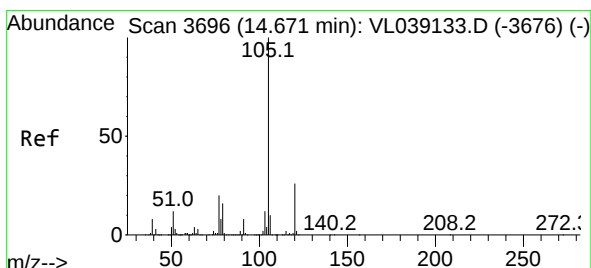
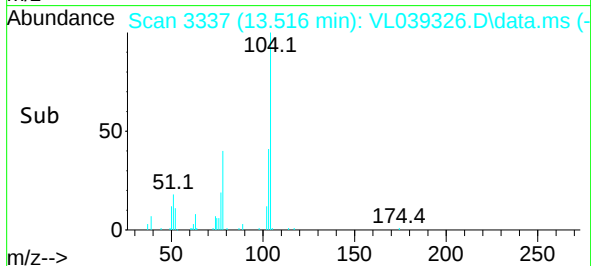
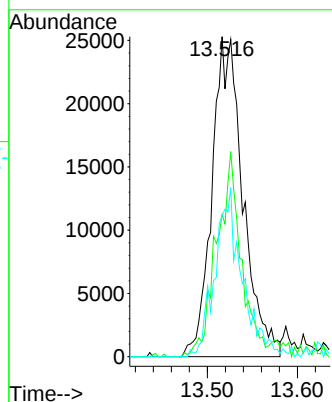
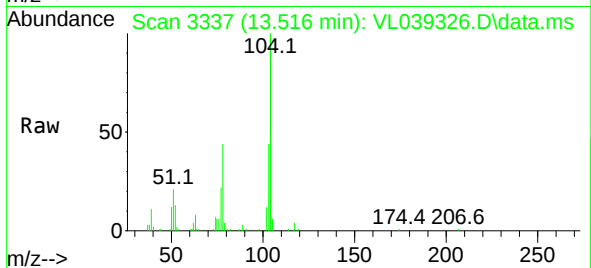
Tgt Ion:104	Resp:	60328
Ion Ratio	Lower	Upper
104	100	
78	0.0	45.7 68.5
103	0.0	39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#62

Isopropylbenzene

Concen: 0.403 ppbv

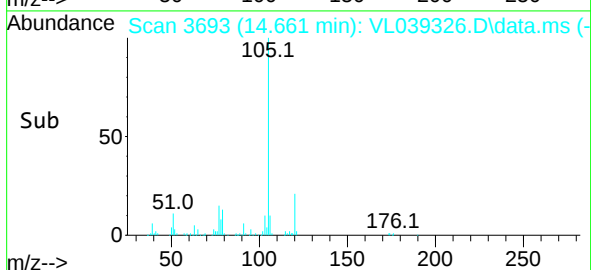
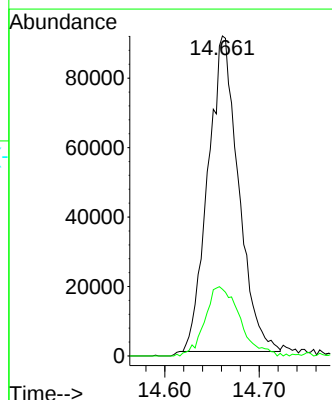
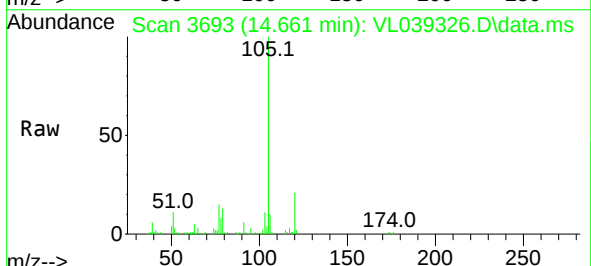
RT: 14.661 min Scan# 3693

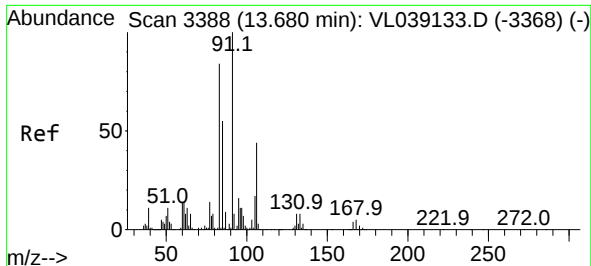
Delta R.T. -0.010 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

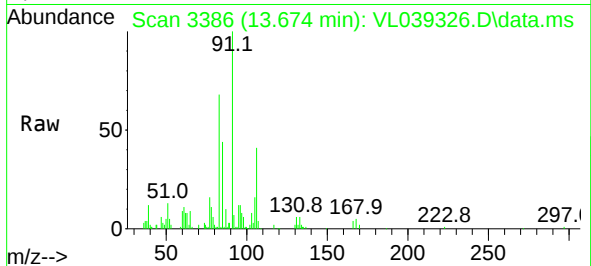
Tgt Ion:105	Resp:	204875
Ion Ratio	Lower	Upper
105	100	
120	25.1	20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.376 ppbv m
RT: 13.674 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

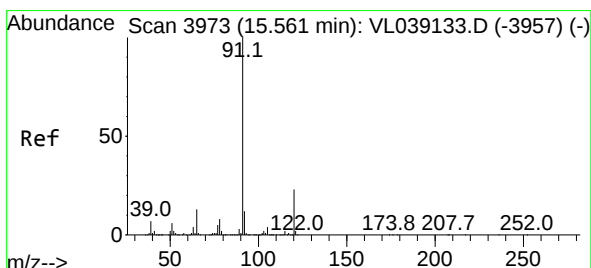
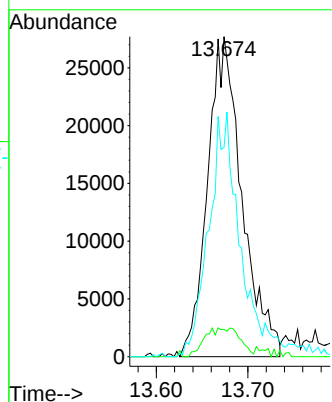
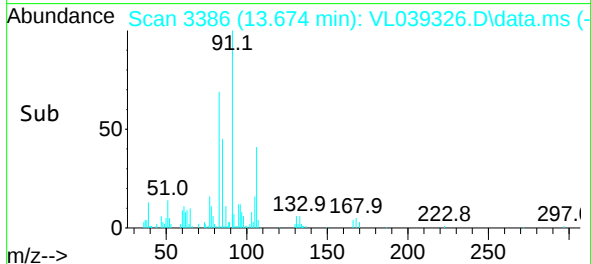
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



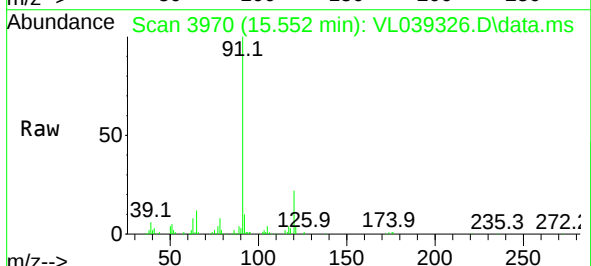
Tgt Ion: 83 Resp: 7227
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 0.0 33.0 99.0

Manual Integrations
APPROVED

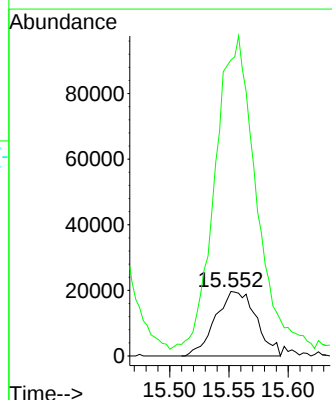
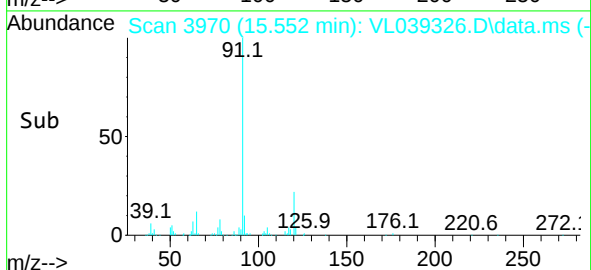
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

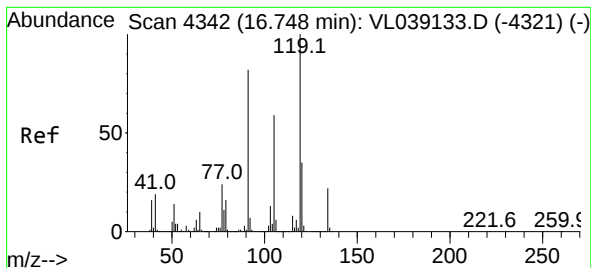


#64
n-propylbenzene
Concen: 0.375 ppbv m
RT: 15.552 min Scan# 3970
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



Tgt Ion:120 Resp: 46898
Ion Ratio Lower Upper
120 100
91 312.1 388.4 582.6#





#65

tert-Butylbenzene

Concen: 0.405 ppbv

RT: 16.738 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

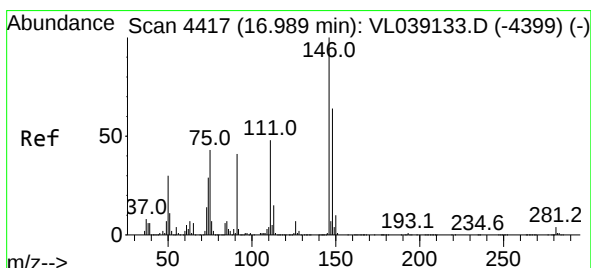
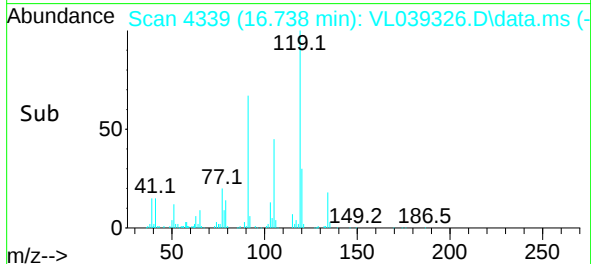
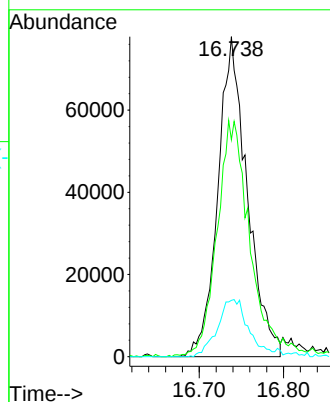
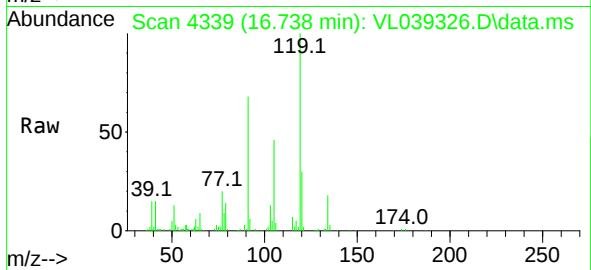
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	119	Resp:	18835
Ion	Ratio	Lower	Upper
119	100		
91	84.1	67.1	100.7
134	19.7	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#66

Benzyl Chloride

Concen: 0.291 ppbv m

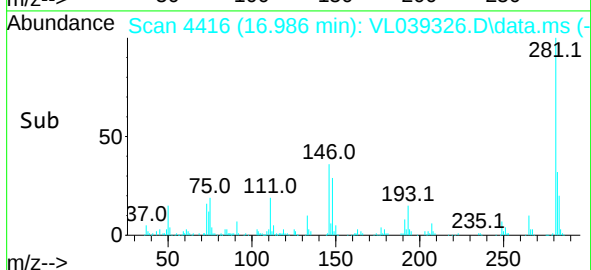
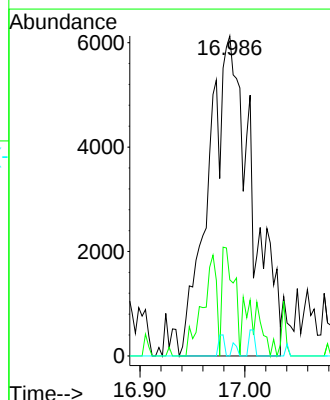
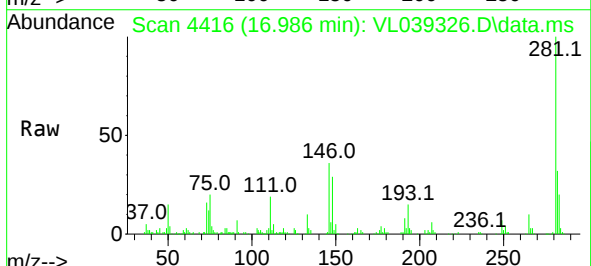
RT: 16.986 min Scan# 4416

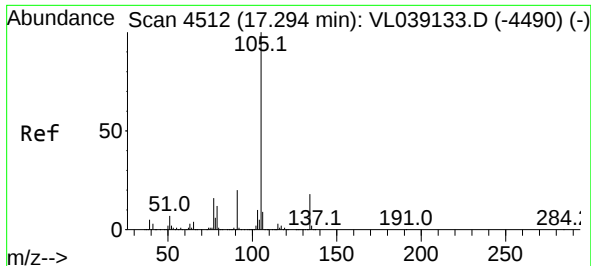
Delta R.T. -0.003 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

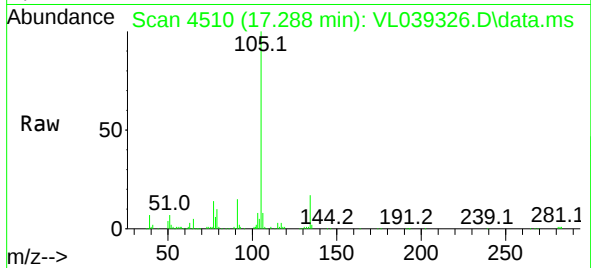
Tgt Ion:	91	Resp:	17607
Ion	Ratio	Lower	Upper
91	100		
126	0.0	13.4	20.0#
128	0.0	4.1	6.1#





#67
 sec-Butylbenzene
 Concen: 0.389 ppbv
 RT: 17.288 min Scan# 4510
 Delta R.T. -0.006 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

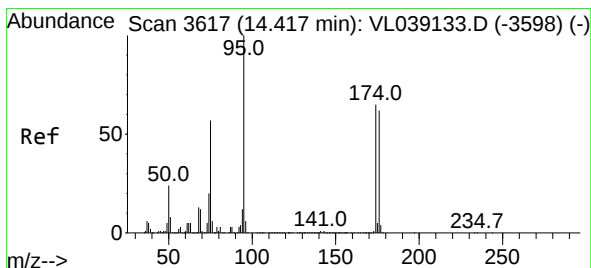
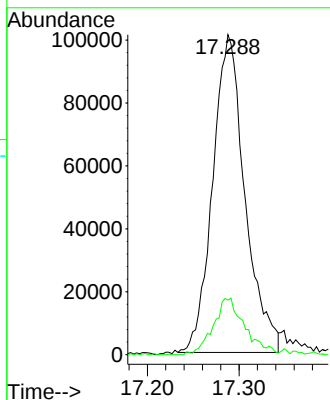
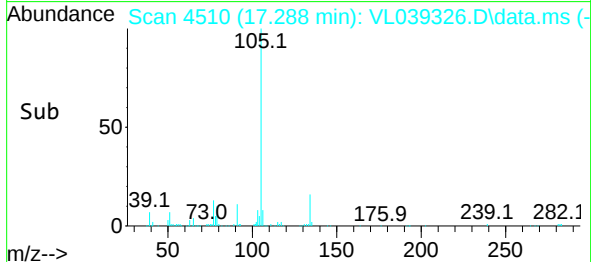
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 105 Resp: 247124
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.4 21.6

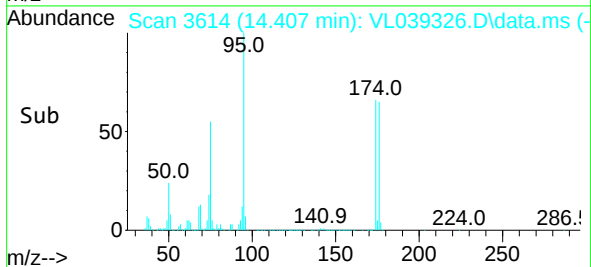
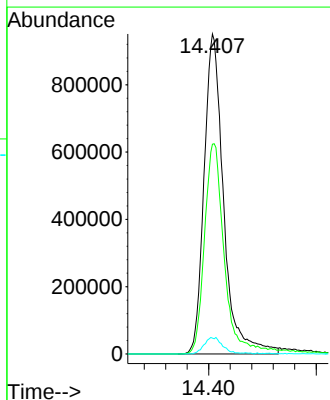
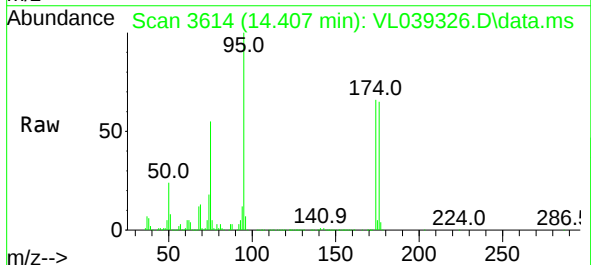
Manual Integrations
 APPROVED

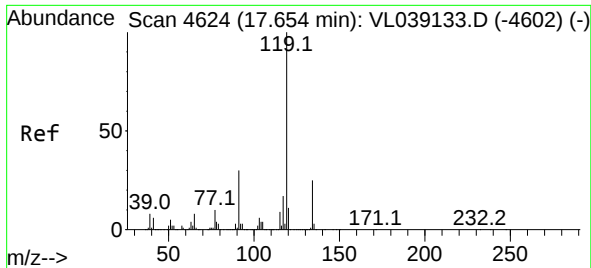
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.662 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. -0.010 min
 Lab File: VL039326.D
 Acq: 22 Jun 2022 18:57

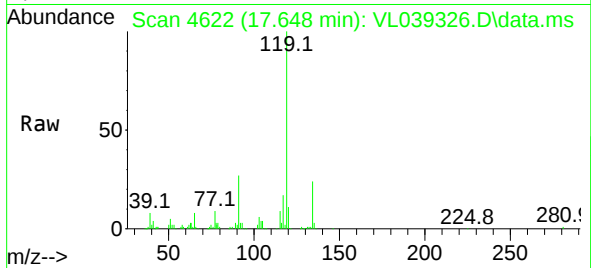
Tgt Ion: 95 Resp: 2399629
 Ion Ratio Lower Upper
 95 100
 174 68.4 53.8 80.8
 175 5.0 4.1 6.1





#69
p-Isopropyltoluene
Concen: 0.390 ppbv m
RT: 17.648 min Scan# 4622
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

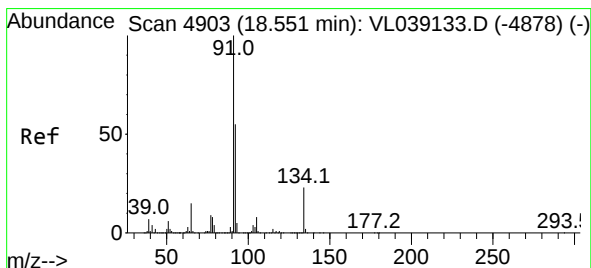
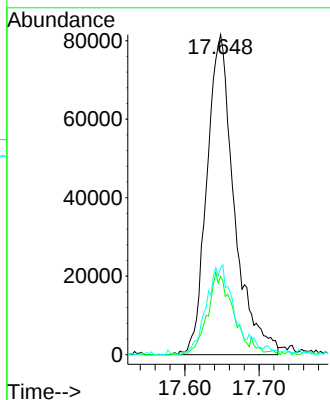
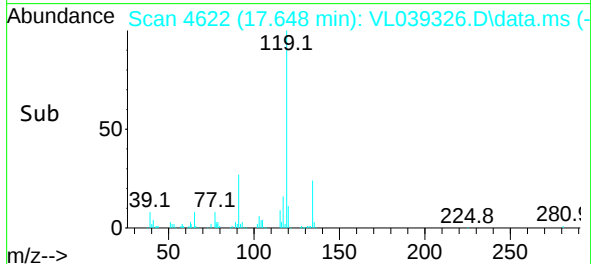
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



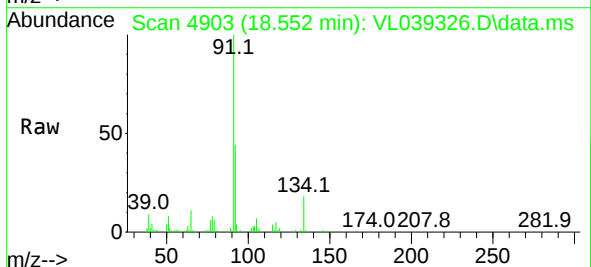
Tgt Ion: 119 Resp: 20876
Ion Ratio Lower Upper
119 100
134 24.9 20.4 30.6
91 30.2 24.2 36.4

Manual Integrations
APPROVED

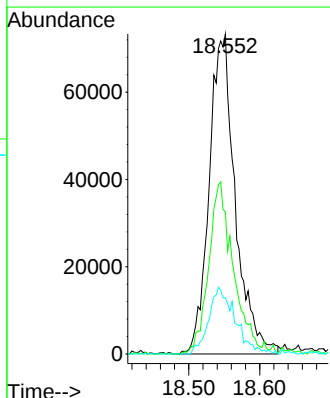
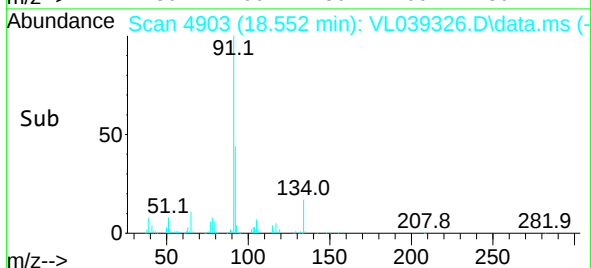
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

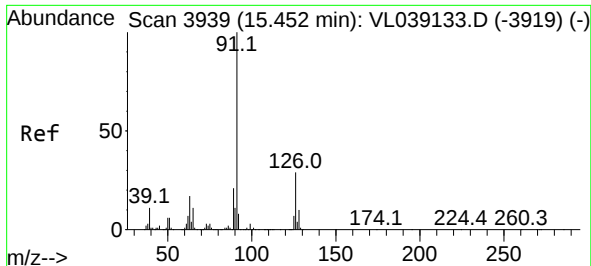


#70
n-Butylbenzene
Concen: 0.340 ppbv m
RT: 18.552 min Scan# 4903
Delta R.T. 0.000 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



Tgt Ion: 91 Resp: 187226
Ion Ratio Lower Upper
91 100
92 51.7 43.6 65.4
134 21.5 17.7 26.5





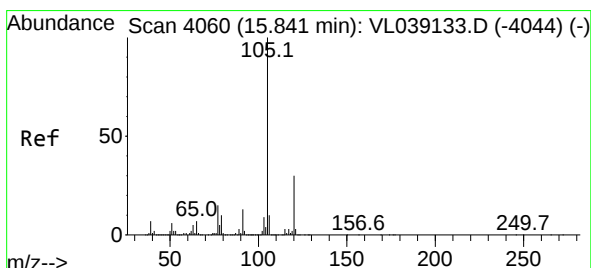
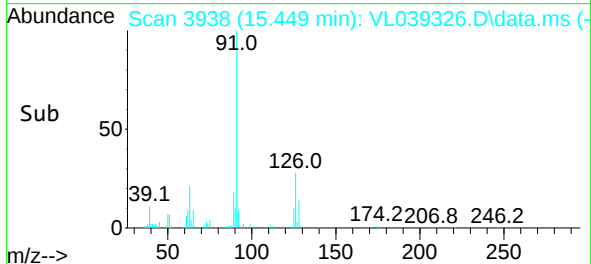
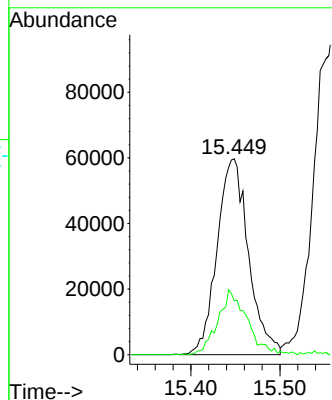
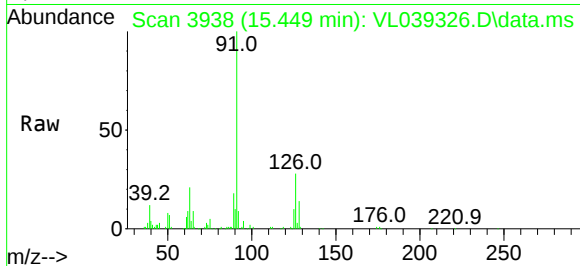
#71
2-Chlorotoluene
Concen: 0.377 ppbv
RT: 15.449 min Scan# 3939
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

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

Tgt Ion: 91 Resp: 146292
Ion Ratio Lower Upper
91 100
126 31.1 12.2 48.6

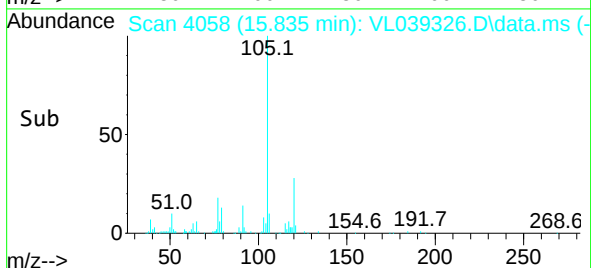
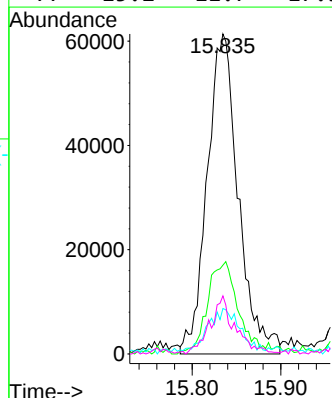
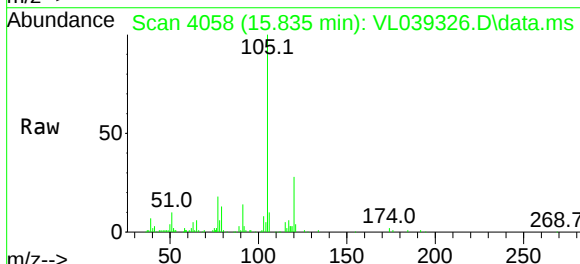
Manual Integrations
APPROVED

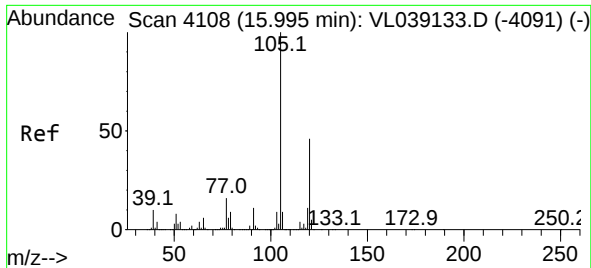
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
4-Ethyltoluene
Concen: 0.373 ppbv m
RT: 15.835 min Scan# 4058
Delta R.T. -0.006 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

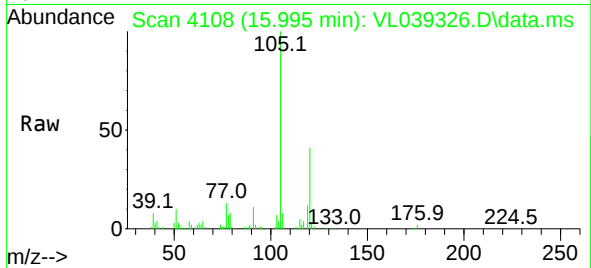
Tgt Ion:105 Resp: 149585
Ion Ratio Lower Upper
105 100
120 29.9 23.9 35.9
91 13.6 10.6 16.0
77 15.2 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 0.400 ppbv m
RT: 15.995 min Scan# 4108
Delta R.T. 0.000 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

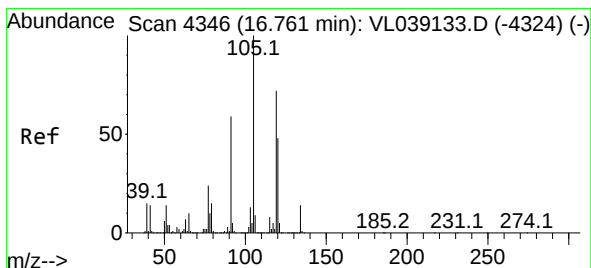
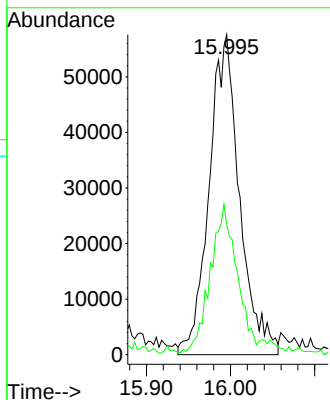
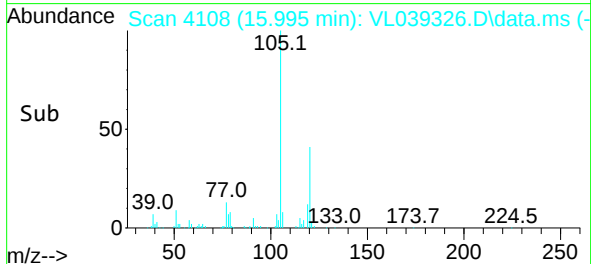
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



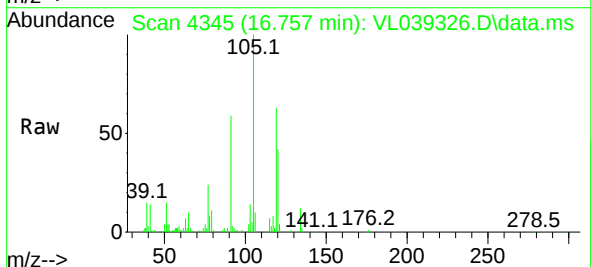
Tgt Ion:105 Resp: 144878
Ion Ratio Lower Upper
105 100
120 40.7 36.7 55.1

Manual Integrations
APPROVED

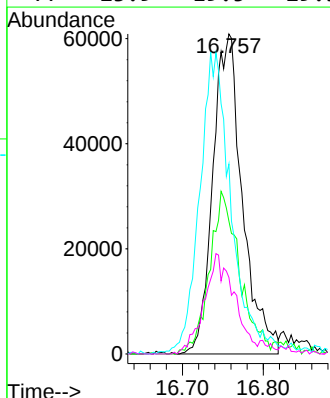
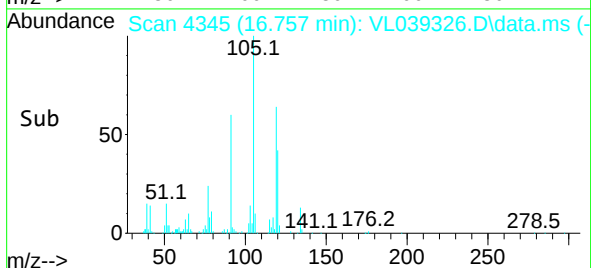
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

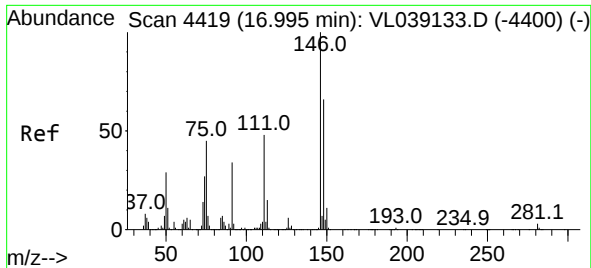


#74
1,2,4-Trimethylbenzene
Concen: 0.383 ppbv m
RT: 16.757 min Scan# 4345
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



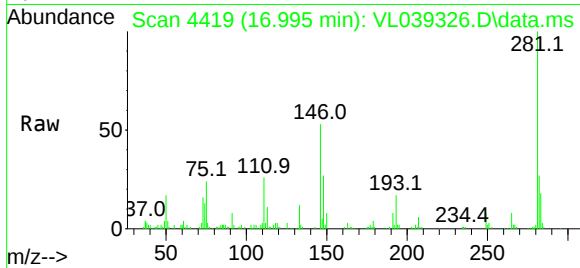
Tgt Ion:105 Resp: 154681
Ion Ratio Lower Upper
105 100
120 41.5 38.1 57.1
91 59.4 47.4 71.0
77 23.9 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 0.425 ppbv m
RT: 16.995 min Scan# 4419
Delta R.T. 0.000 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

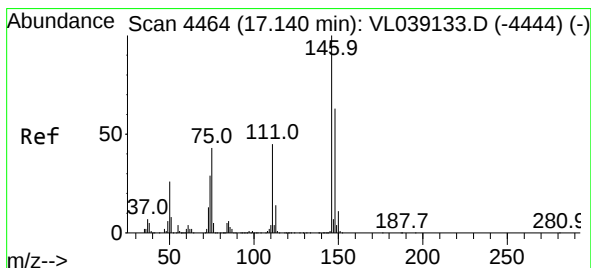
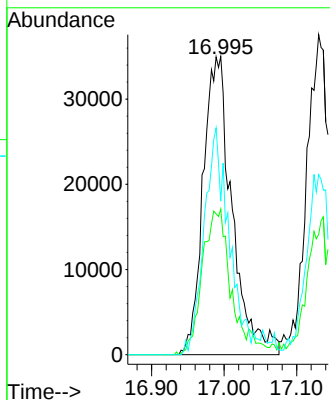
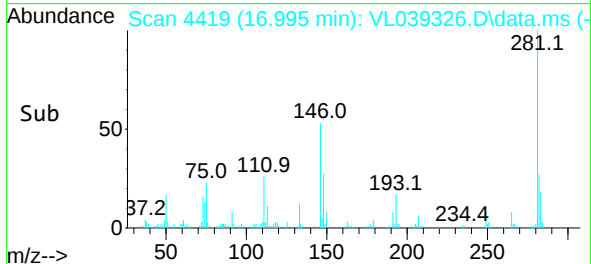
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



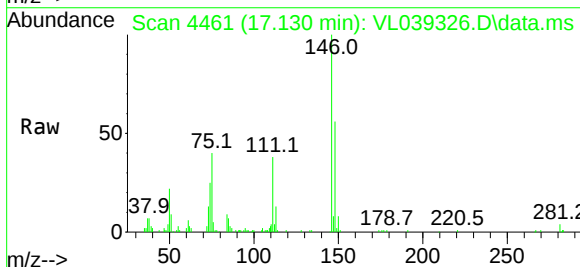
Tgt Ion:146 Resp: 9725
Ion Ratio Lower Upper
146 100
111 48.4 23.8 71.4
148 68.8 32.4 97.0

Manual Integrations
APPROVED

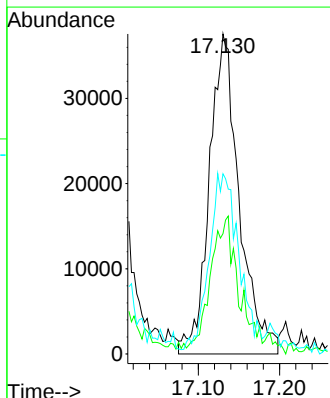
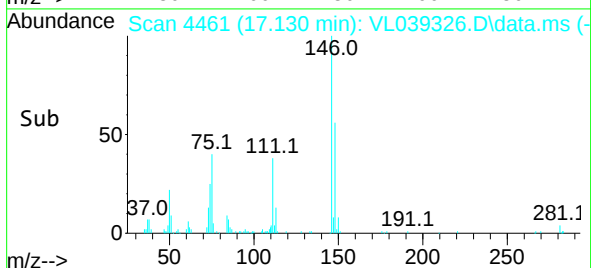
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

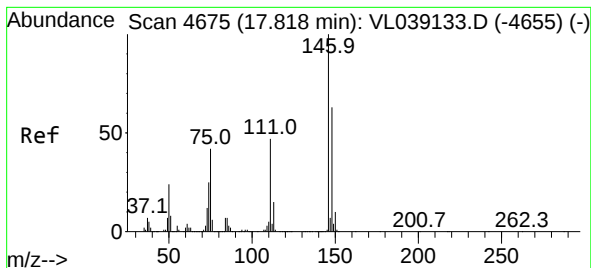


#76
1,4-Dichlorobenzene
Concen: 0.421 ppbv m
RT: 17.130 min Scan# 4461
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57



Tgt Ion:146 Resp: 96019
Ion Ratio Lower Upper
146 100
111 47.0 23.6 71.0
148 63.8 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 0.422 ppbv m

RT: 17.815 min Scan# 4675

Delta R.T. -0.003 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

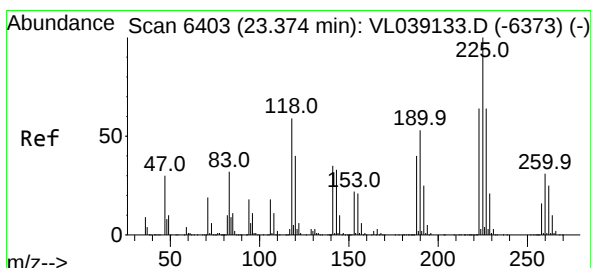
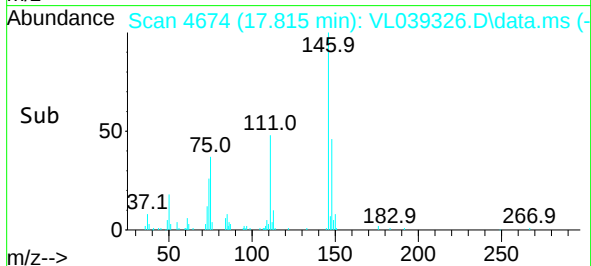
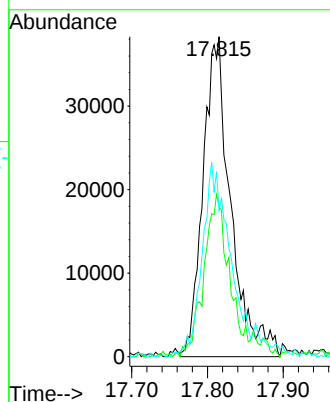
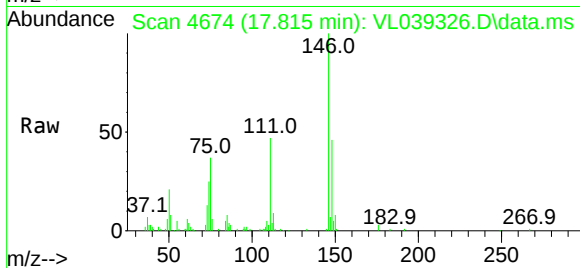
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	146	Resp:	9731
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.4	73.4
148	65.5	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.419 ppbv

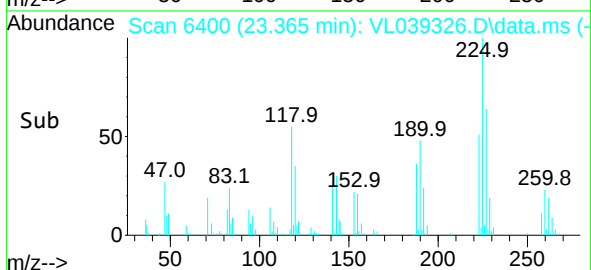
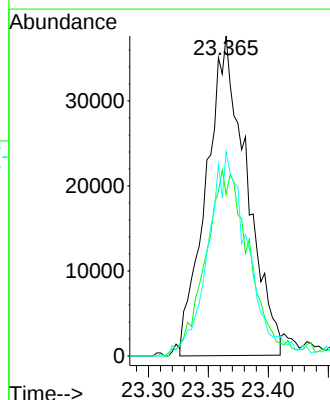
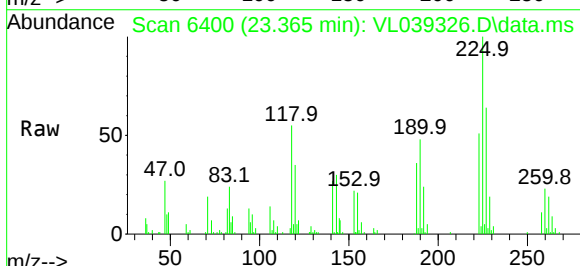
RT: 23.365 min Scan# 6400

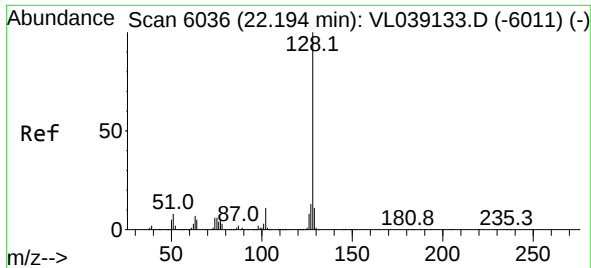
Delta R.T. -0.010 min

Lab File: VL039326.D

Acq: 22 Jun 2022 18:57

Tgt Ion:	225	Resp:	88331
Ion Ratio	Lower	Upper	
225	100		
223	63.5	51.4	77.0
227	64.5	50.6	75.8





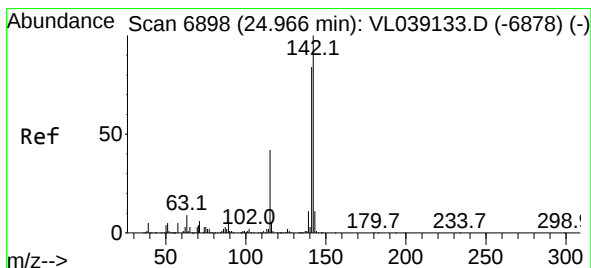
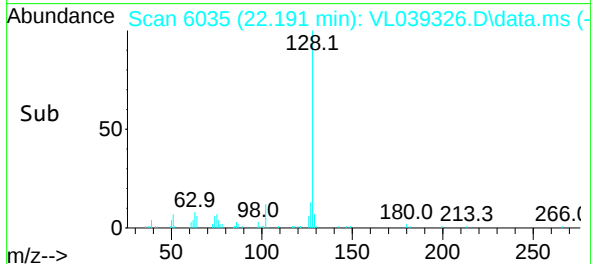
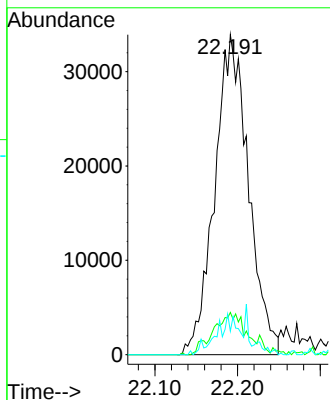
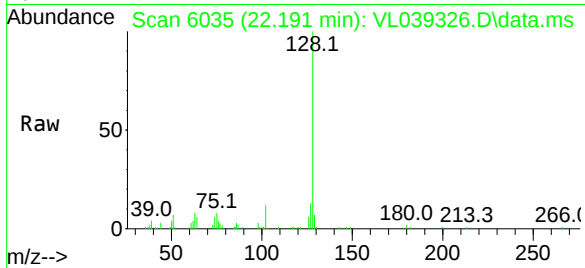
#79
Naphthalene
Concen: 0.309 ppbv m
RT: 22.191 min Scan# 6035
Delta R.T. -0.003 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

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

Tgt Ion:128 Resp: 9620
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 7.3 9.0 13.6

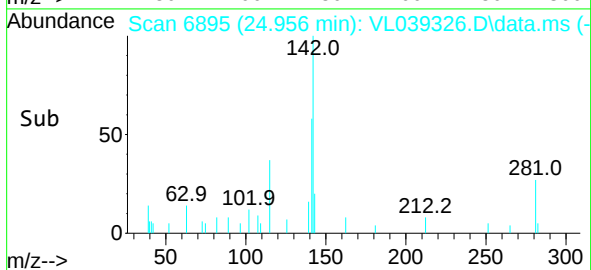
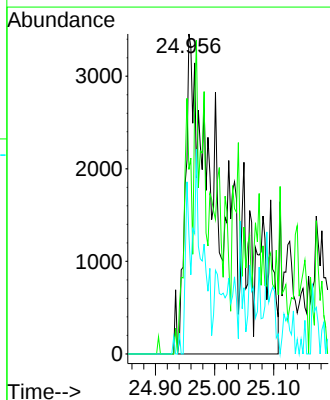
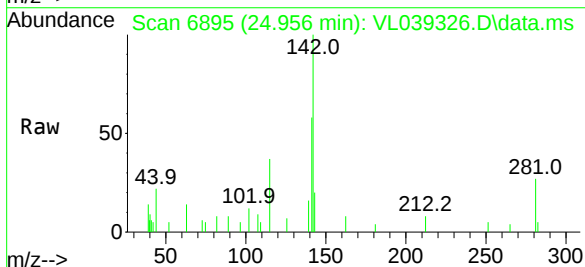
Manual Integrations
APPROVED

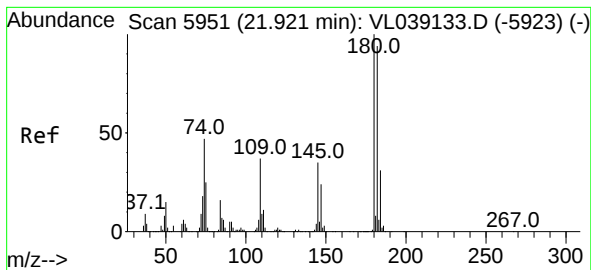
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
Naphthalene,2-methyl-
Concen: 0.135 ppbv m
RT: 24.956 min Scan# 6895
Delta R.T. -0.010 min
Lab File: VL039326.D
Acq: 22 Jun 2022 18:57

Tgt Ion:142 Resp: 15577
Ion Ratio Lower Upper
142 100
141 37.1 64.6 96.8#
115 21.9 32.7 49.1#





#81

1,2,4-Trichlorobenzene

Concen: 0.325 ppbv

RT: 21.918 min Scan# 5950

Delta R.T. -0.003 min

Lab File: VL039326.D

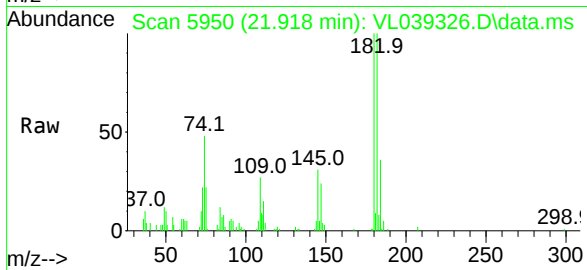
Acq: 22 Jun 2022 18:57

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



Tgt Ion:180	Resp:	6403
Ion Ratio	Lower	Upper
180	100	
182	97.9	0.0 0.0
184	32.9	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

