

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039241.D
 Acq On : 8 Jun 2022 19:03
 Operator : SY/AP
 Sample : N3214-13 0.1 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 06:41:57 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	5.677	49	1050926	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	2448706	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2029341	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1772450	10.565	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.063	85	29058	0.157	ppbv	95
3) Chlorodifluoromethane	2.999	51	17200	0.129	ppbv	# 86
4) Chloromethane	3.153	50	9288m	0.135	ppbv	
5) Vinyl Chloride	3.269	62	8831m	0.138	ppbv	
6) Bromomethane	3.485	94	5317m	0.168	ppbv	
7) Chloroethane	3.575	64	4383m	0.196	ppbv	
8) Dichlorotetrafluoroethane	3.202	85	20951	0.124	ppbv	89
9) Propene	3.028	41	11336m	0.194	ppbv	
10) Heptane	8.134	43	12011m	0.088	ppbv	
11) Trichlorofluoromethane	3.964	101	28342m	0.170	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.501	101	17166m	0.155	ppbv	
13) Ethanol	3.626	45	643	0.202	ppbv	# 100
14) Bromoethene	3.751	108	6569m	0.132	ppbv	
15) Acetone	3.883	43	25334m	0.231	ppbv	
16) 1,3-Butadiene	3.337	39	9377m	0.159	ppbv	
17) tert-Butyl alcohol	4.330	59	15119m	0.178	ppbv	
18) 1,1-Dichloroethene	4.295	96	8331m	0.168	ppbv	
19) Isopropyl Alcohol	4.002	45	7455m	0.145	ppbv	
20) Methylene Chloride	4.356	84	13770m	0.298	ppbv	
21) Allyl Chloride	4.427	41	12201m	0.165	ppbv	
22) trans-1,2-Dichloroethene	4.899	96	7665m	0.161	ppbv	
23) Vinyl Acetate	5.089	43	11989m	0.132	ppbv	
24) 1,1-Dichloroethane	5.018	63	16910m	0.136	ppbv	
25) Ethyl Acetate	5.697	43	26240m	0.106	ppbv	
26) Hexane	5.693	57	11223m	0.104	ppbv	
27) Carbon Disulfide	4.562	76	14194m	0.126	ppbv	
28) Methyl tert-Butyl Ether	5.057	73	17002m	0.142	ppbv	
29) Chloroform	5.761	83	23870m	0.131	ppbv	
30) Cyclohexane	7.169	84	12977m	0.142	ppbv	
31) cis-1,2-Dichloroethene	5.558	61	11140m	0.101	ppbv	
32) 1,1,1-Trichloroethane	6.513	97	21224m	0.119	ppbv	
34) 2-Butanone	5.282	43	14872m	0.112	ppbv	
35) Carbon Tetrachloride	7.028	117	20216m	0.113	ppbv	
36) Benzene	6.896	78	18520m	0.093	ppbv	
37) 1,2-Dichloroethane	6.324	62	18674m	0.143	ppbv	
38) Trichloroethene	7.841	130	10435m	0.114	ppbv	
39) 1,2-Dichloropropane	7.623	63	9100m	0.115	ppbv	
40) 1,4-Dioxane	7.896	88	3068m	0.118	ppbv	
41) Tetrahydrofuran	6.095	42	8214m	0.103	ppbv	
42) Bromodichloromethane	7.796	83	19209m	0.106	ppbv	
43) Methyl Methacrylate	8.034	69	7354m	0.095	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	31157m	0.090	ppbv	
45) t-1,3-Dichloropropene	9.291	75	5617m	0.070	ppbv	

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 Supervised By :Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 06:41:57 2022

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

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

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	7659m	0.072	ppbv	
47) 1,1,2-Trichloroethane	9.478	97	9124m	0.111	ppbv	
48) Dibromochloromethane	10.317	129	12134m	0.082	ppbv	
49) Bromoform	13.040	173	9469m	0.077	ppbv	
50) 4-Methyl-2-Pentanone	8.780	43	18213m	0.091	ppbv	
51) 2-Hexanone	10.182	43	10334m	0.067	ppbv	
52) Tetrachloroethene	11.233	164	8200m	0.106	ppbv	
53) Toluene	9.812	91	18912m	0.083	ppbv	
54) 1,2-Dibromoethane	10.619	107	10437m	0.094	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.137	131	10932m	0.114	ppbv	
57) Chlorobenzene	12.153	112	18975m	0.124	ppbv	
58) Ethyl Benzene	12.716	91	26277m	0.094	ppbv	
59) m/p-Xylene	13.008	91	43870m	0.178	ppbv	
60) o-Xylene	13.700	91	22190m	0.096	ppbv	
61) Styrene	13.532	104	9479m	0.077	ppbv	
62) Isopropylbenzene	14.671	105	36272m	0.106	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.683	83	13015m	0.100	ppbv	
64) n-propylbenzene	15.571	120	6586m	0.078	ppbv	
65) tert-Butylbenzene	16.748	119	26568m	0.085	ppbv	
66) Benzyl Chloride	16.995	91	3391m	0.083	ppbv	
67) sec-Butylbenzene	17.294	105	39383m	0.092	ppbv	
69) p-Isopropyltoluene	17.667	119	25761m	0.071	ppbv	
70) n-Butylbenzene	18.561	91	29178m	0.079	ppbv	
71) 2-Chlorotoluene	15.455	91	25464	0.097	ppbv	95
72) 4-Ethyltoluene	15.857	105	20639m	0.076	ppbv	
73) 1,3,5-Trimethylbenzene	16.005	105	21473m	0.088	ppbv	
74) 1,2,4-Trimethylbenzene	16.770	105	26063m	0.096	ppbv	
75) 1,3-Dichlorobenzene	16.995	146	18549m	0.120	ppbv	
76) 1,4-Dichlorobenzene	17.156	146	14394m	0.093	ppbv	
77) 1,2-Dichlorobenzene	17.825	146	15909m	0.102	ppbv	
78) Hexachloro-1,3-Butadiene	23.394	225	15904m	0.112	ppbv	
79) Naphthalene	22.201	128	11944m	0.057	ppbv	
81) 1,2,4-Trichlorobenzene	21.937	180	9611m	0.072	ppbv	

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

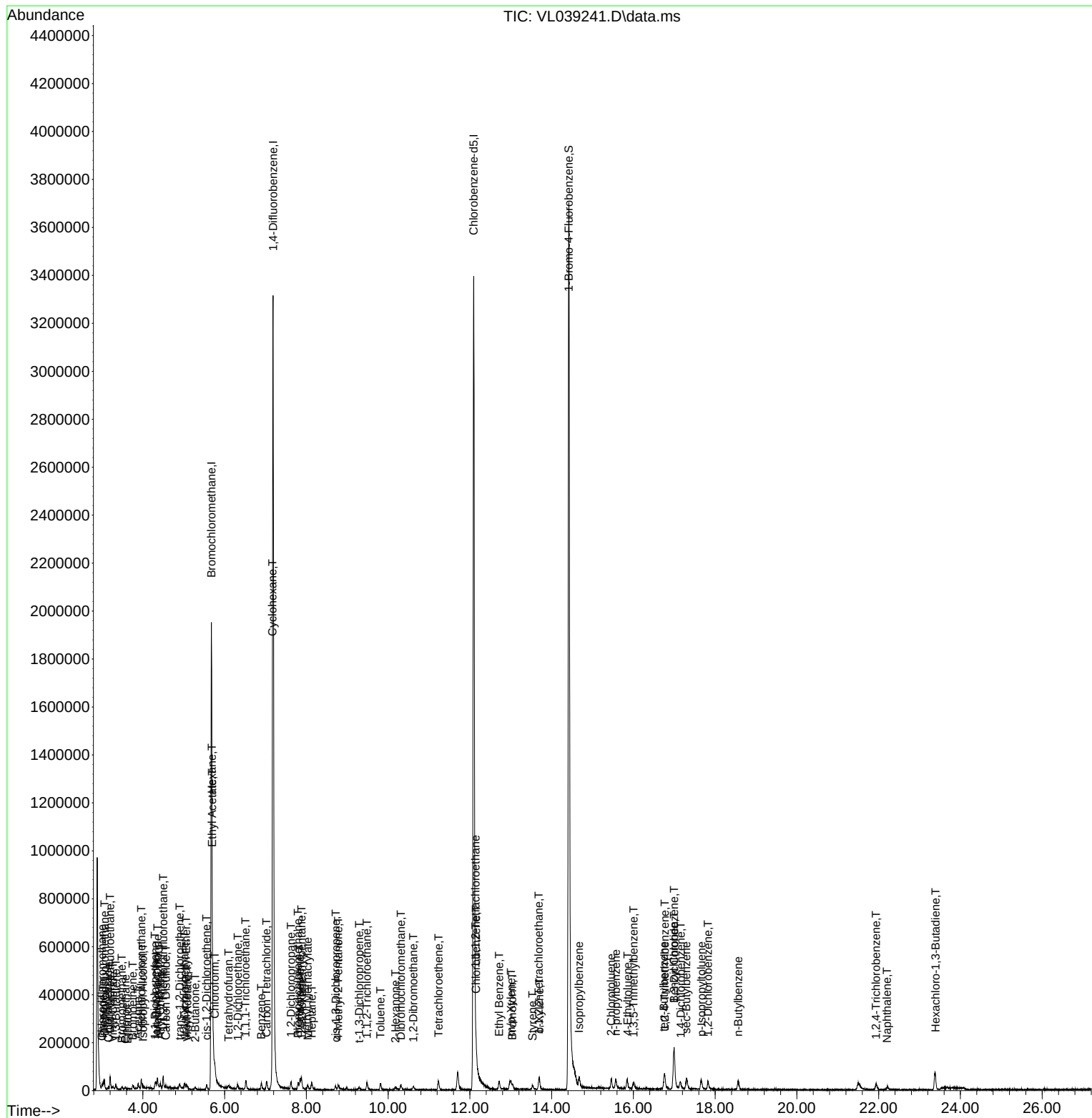
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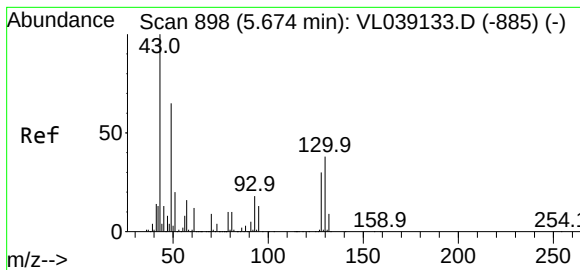
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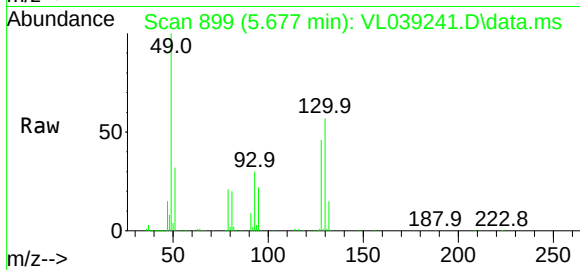
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#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.677 min Scan# 899
 Delta R.T. 0.003 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

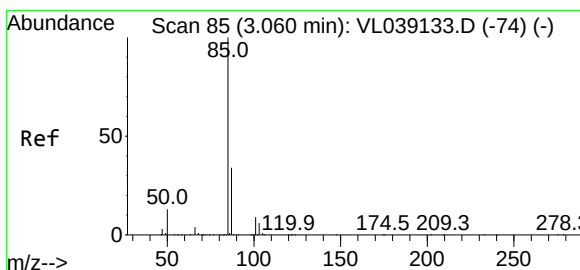
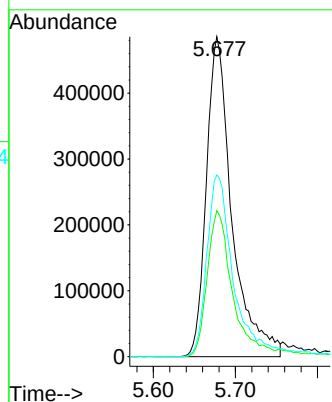
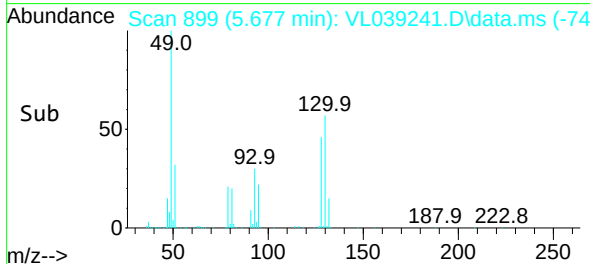
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



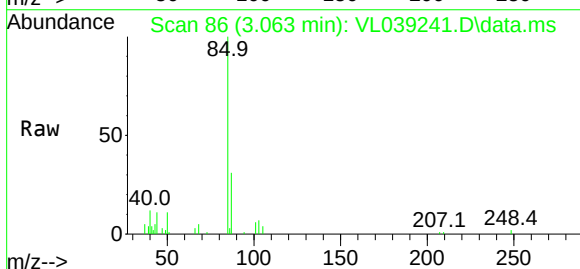
Tgt Ion: 49 Resp: 1050920
 Ion Ratio Lower Upper
 49 100
 128 46.8 24.7 74.1
 130 61.3 31.4 94.0

Manual Integrations
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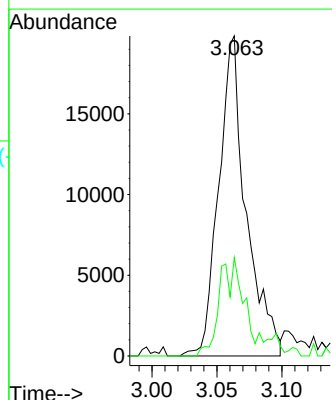
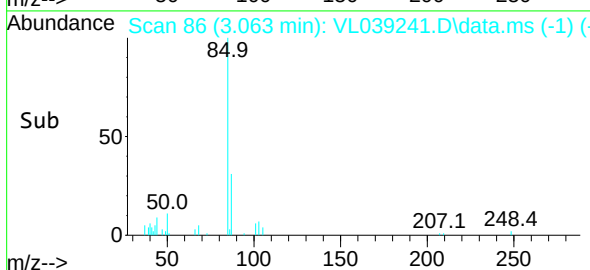
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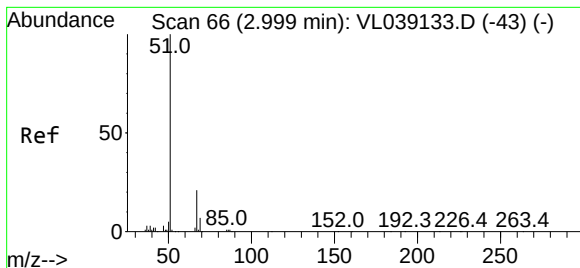


#2
 Dichlorodifluoromethane
 Concen: 0.157 ppbv
 RT: 3.063 min Scan# 86
 Delta R.T. 0.003 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03



Tgt Ion: 85 Resp: 29058
 Ion Ratio Lower Upper
 85 100
 87 30.8 26.9 40.3





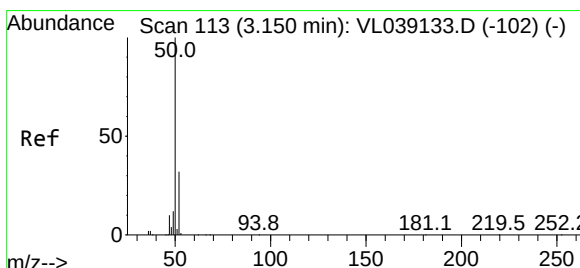
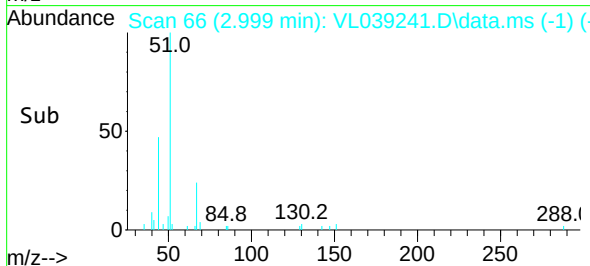
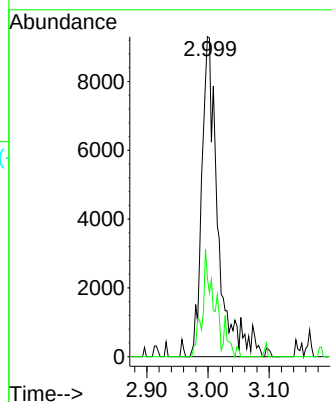
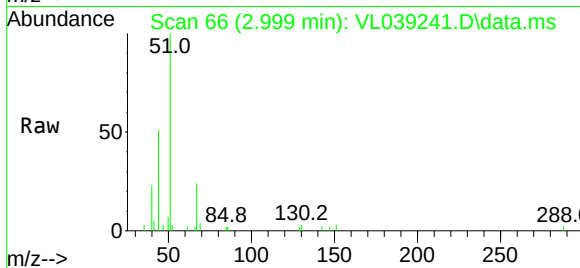
#3
Chlorodifluoromethane
Concen: 0.129 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

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

Tgt Ion: 51 Resp: 17200
Ion Ratio Lower Upper
51 100
67 26.7 16.2 24.4

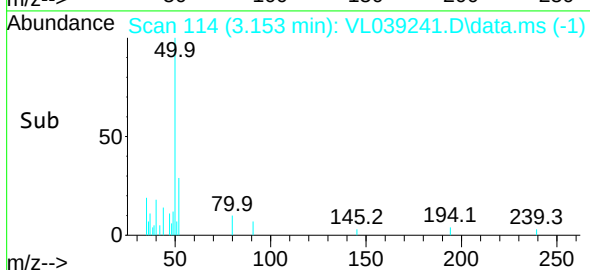
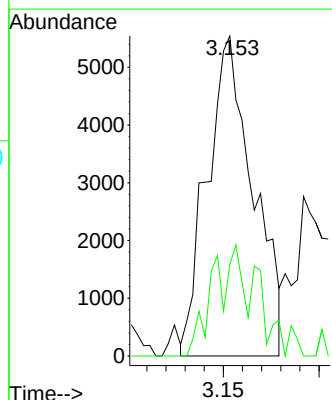
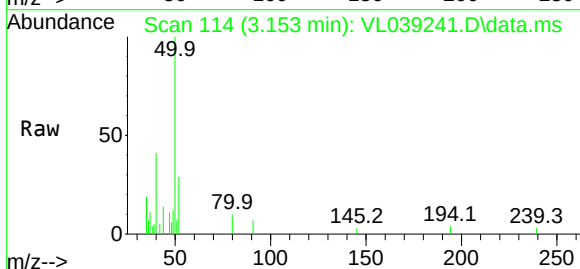
Manual Integrations
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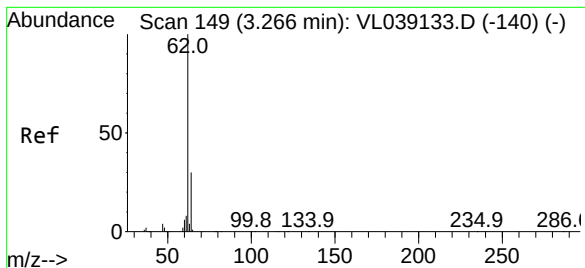
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Chloromethane
Concen: 0.135 ppbv m
RT: 3.153 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

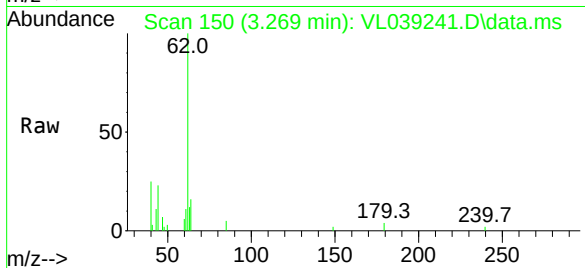
Tgt Ion: 50 Resp: 9288
Ion Ratio Lower Upper
50 100
52 28.6 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.138 ppbv m
 RT: 3.269 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

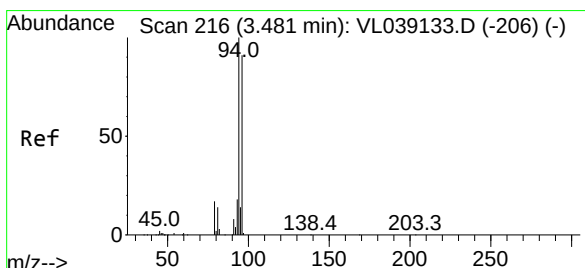
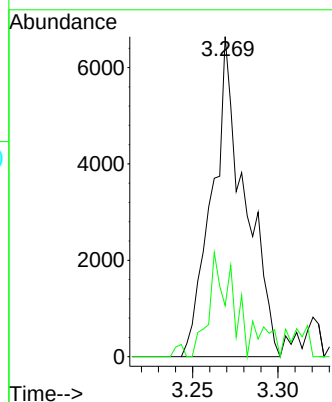
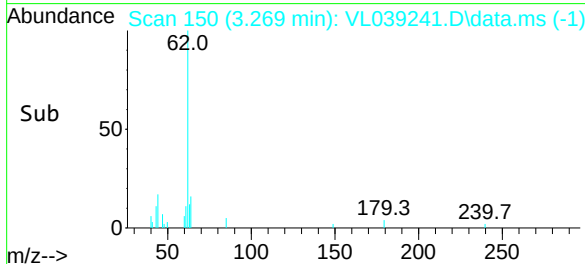
Instrument : MSVOA_L
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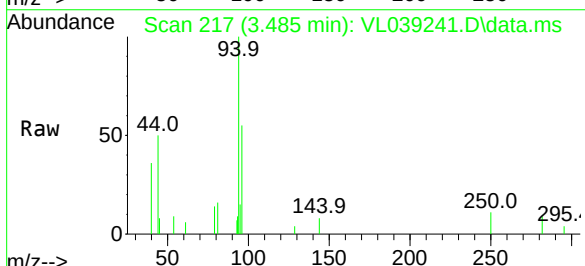
Tgt Ion: 62 Resp: 883
 Ion Ratio Lower Upper
 62 100
 64 16.0 24.2 36.2

Manual Integrations
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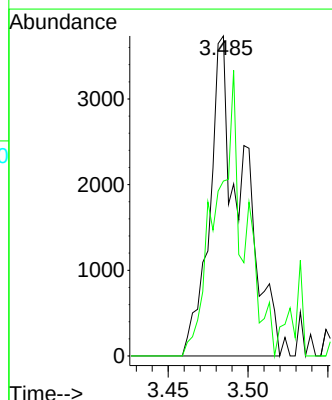
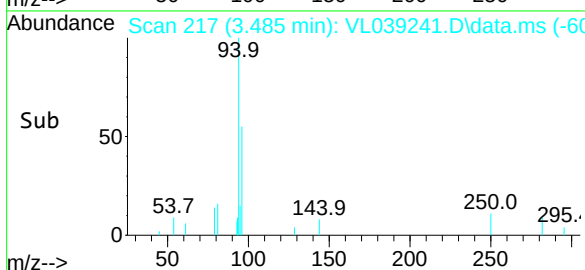
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 Supervised By :Mahesh Dadoda 06/09/2022

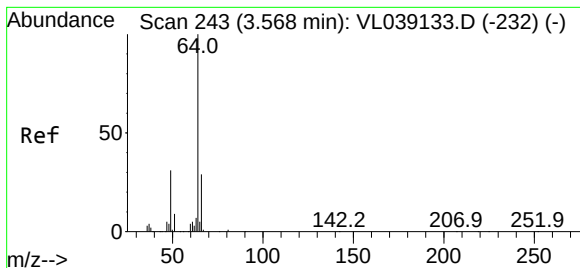


#6
 Bromomethane
 Concen: 0.168 ppbv m
 RT: 3.485 min Scan# 217
 Delta R.T. 0.003 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03



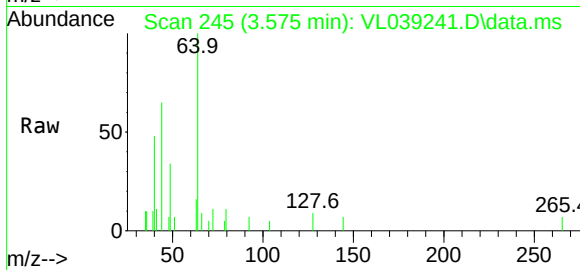
Tgt Ion: 94 Resp: 5317
 Ion Ratio Lower Upper
 94 100
 96 54.7 73.0 109.4





#7
Chloroethane
Concen: 0.196 ppbv m
RT: 3.575 min Scan# 243
Delta R.T. 0.006 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

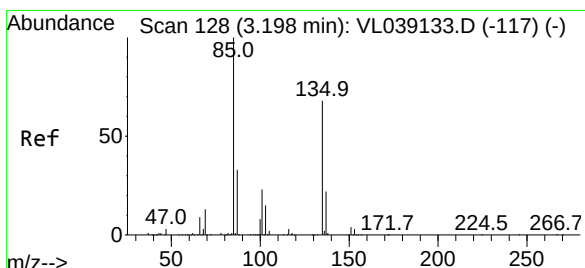
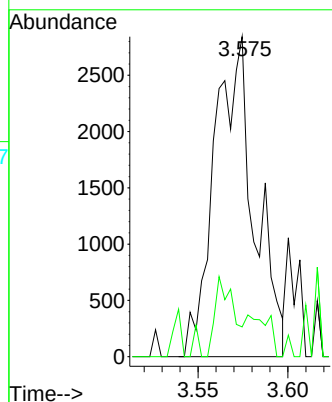
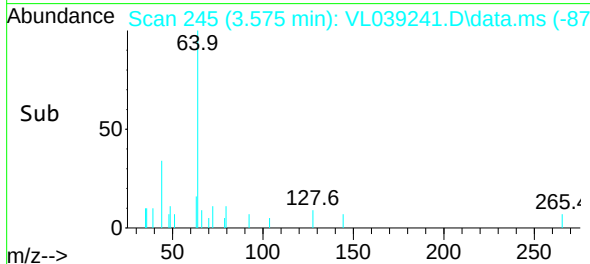
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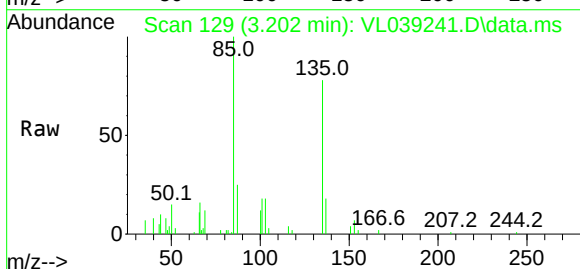
Tgt Ion: 64 Resp: 438
Ion Ratio Lower Upper
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66 9.3 23.6 35.4

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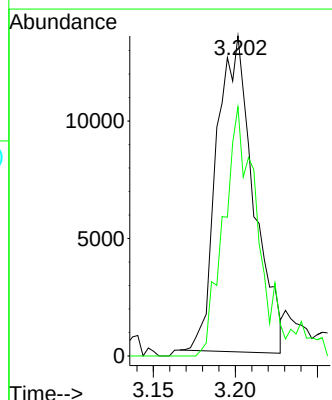
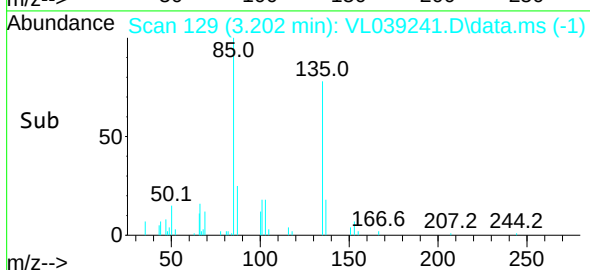
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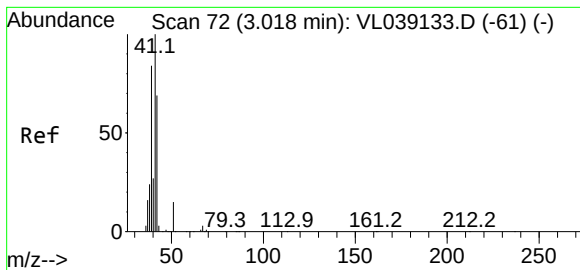


#8
Dichlorotetrafluoroethane
Concen: 0.124 ppbv
RT: 3.202 min Scan# 129
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



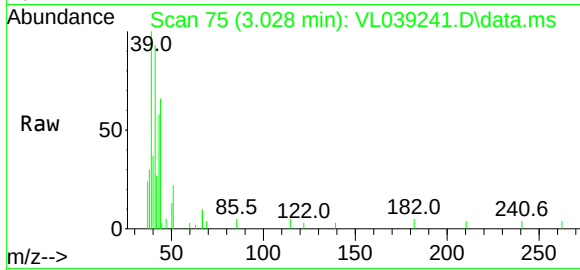
Tgt Ion: 85 Resp: 20951
Ion Ratio Lower Upper
85 100
135 77.8 55.0 82.4





#9
 Propene
 Concen: 0.194 ppbv m
 RT: 3.028 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

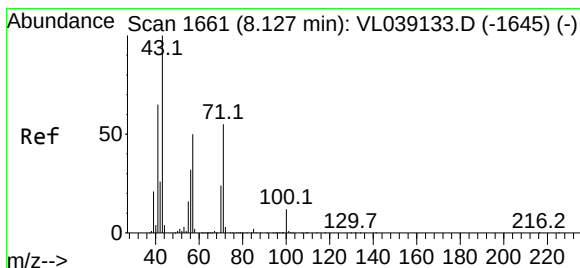
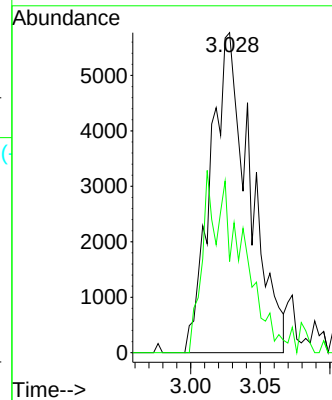
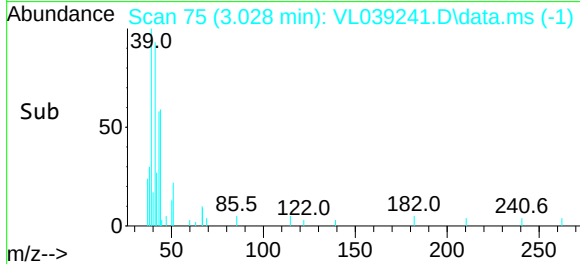
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Tgt Ion: 41 Resp: 11330
 Ion Ratio Lower Upper
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 42 3.0 55.4 83.2

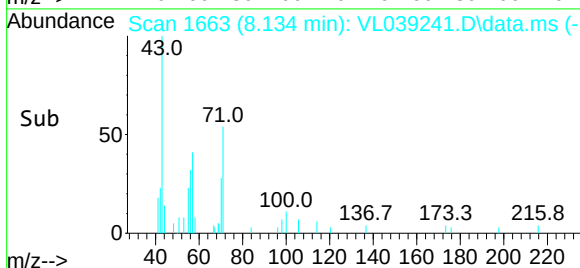
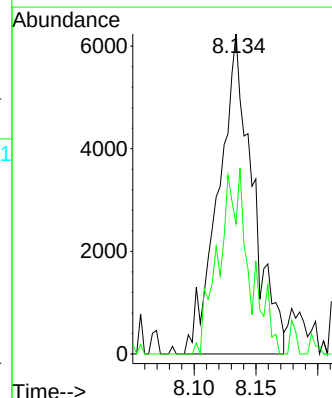
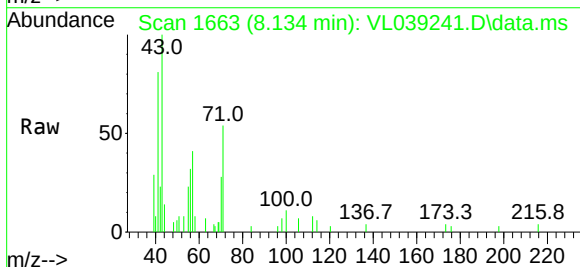
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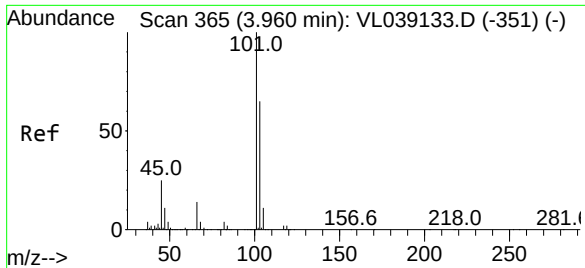
Reviewed By :Semsettin Yesilyurt 06/09/2022
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#10
 Heptane
 Concen: 0.088 ppbv m
 RT: 8.134 min Scan# 1663
 Delta R.T. 0.006 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

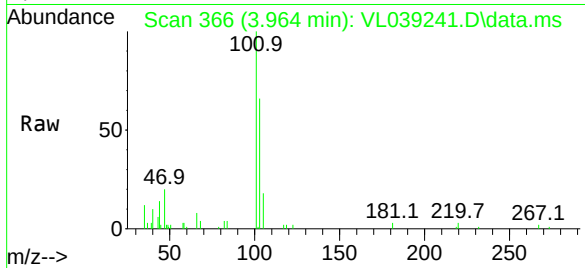
Tgt Ion: 43 Resp: 12011
 Ion Ratio Lower Upper
 43 100
 57 52.1 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.170 ppbv m
RT: 3.964 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

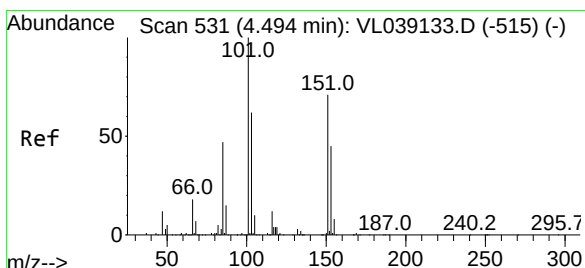
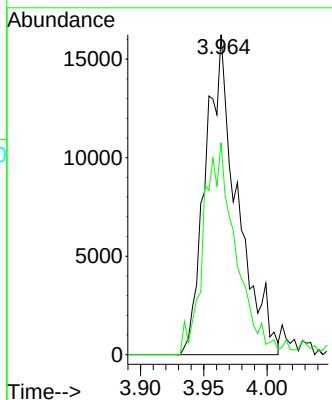
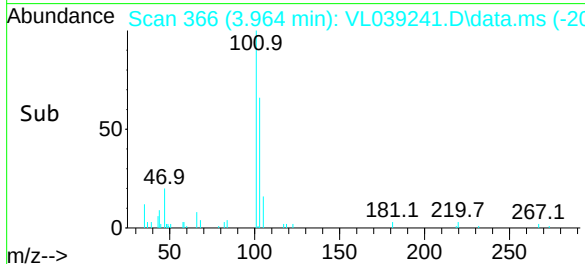
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



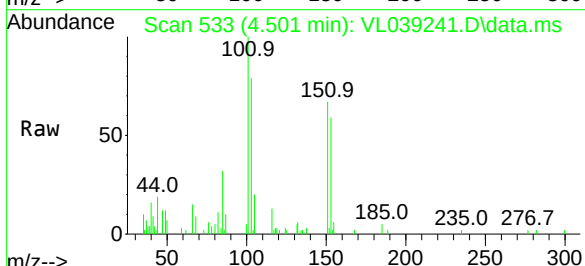
Tgt Ion:101 Resp: 2834
Ion Ratio Lower Upper
101 100
103 66.2 51.7 77.5

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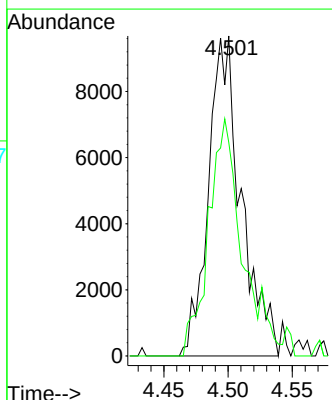
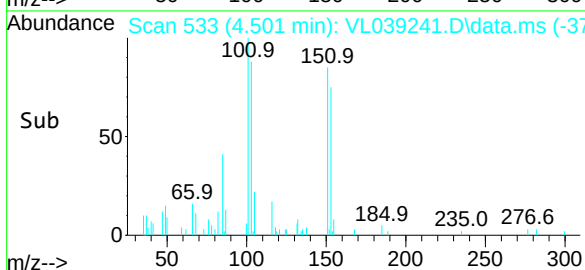
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

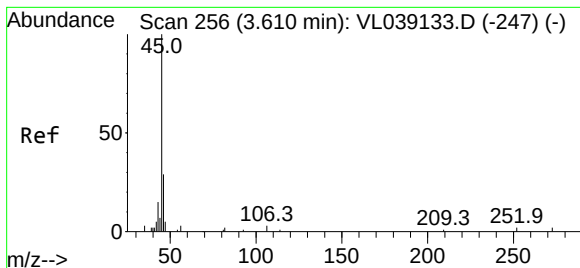


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.155 ppbv m
RT: 4.501 min Scan# 533
Delta R.T. 0.006 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



Tgt Ion:101 Resp: 17166
Ion Ratio Lower Upper
101 100
151 78.1 59.4 89.0





#13

Ethanol

Concen: 0.202 ppbv

RT: 3.626 min Scan# 2

Delta R.T. 0.016 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 45 Resp: 64

Ion Ratio Lower Upper

45 100

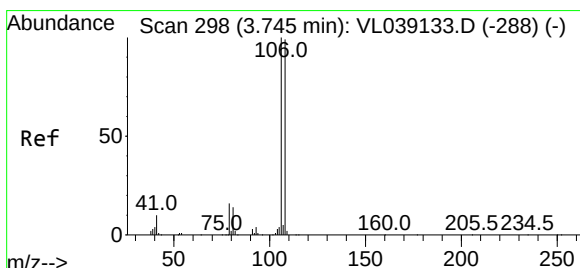
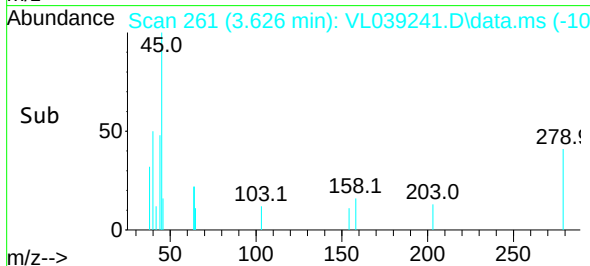
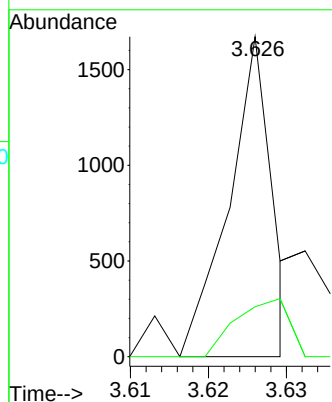
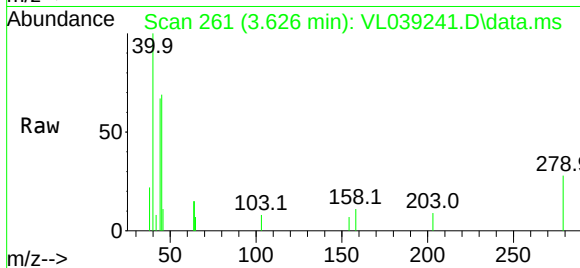
46 22.2 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#14

Bromoethene

Concen: 0.132 ppbv m

RT: 3.751 min Scan# 300

Delta R.T. 0.006 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

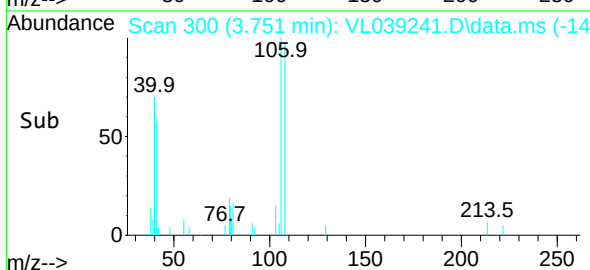
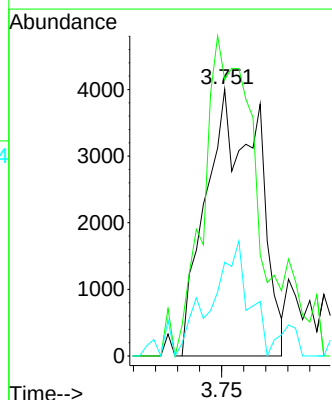
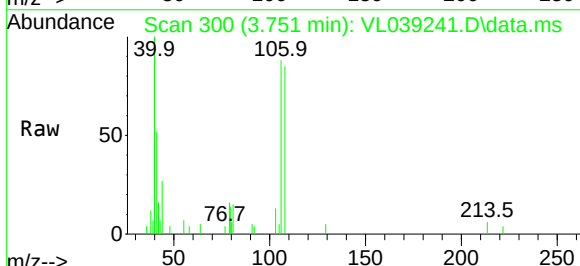
Tgt Ion:108 Resp: 6569

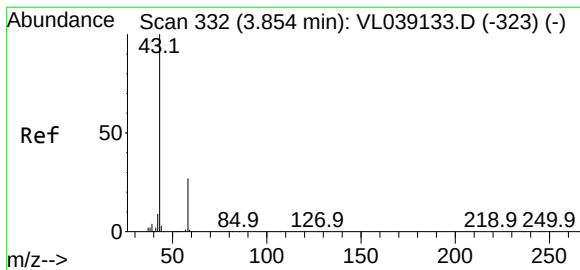
Ion Ratio Lower Upper

108 100

106 0.0 88.4 132.6#

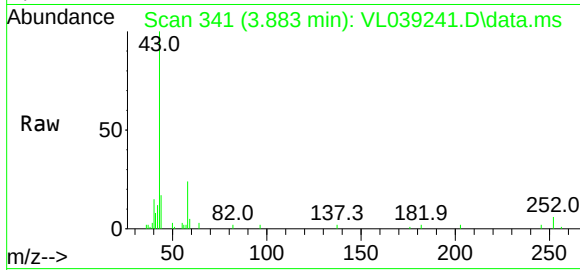
79 38.0 13.4 20.2#





#15
Acetone
Concen: 0.231 ppbv m
RT: 3.883 min Scan# 341
Delta R.T. 0.029 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

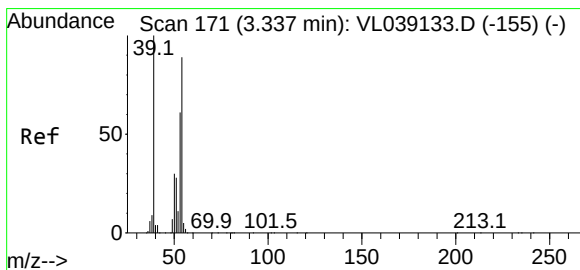
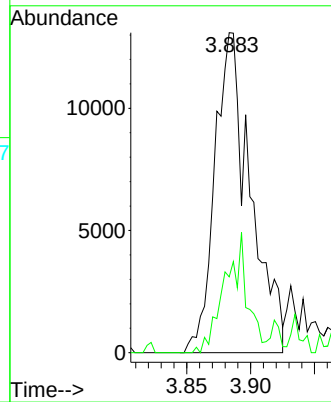
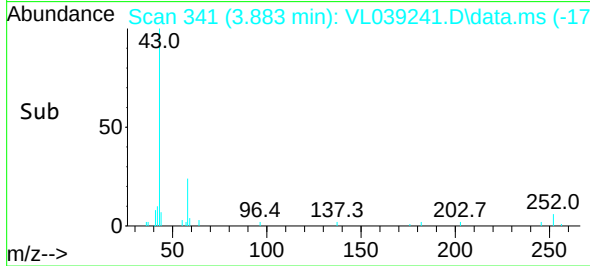
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 25334
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7

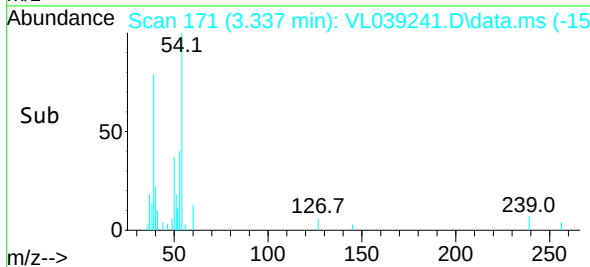
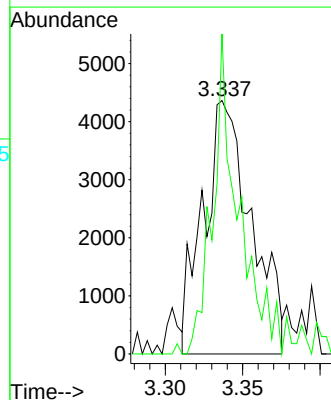
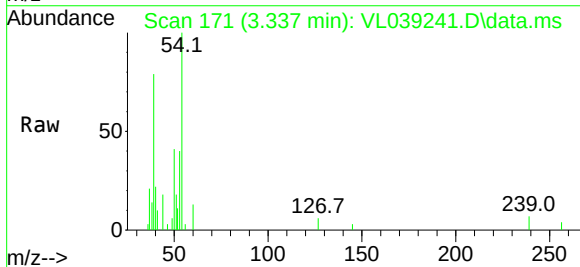
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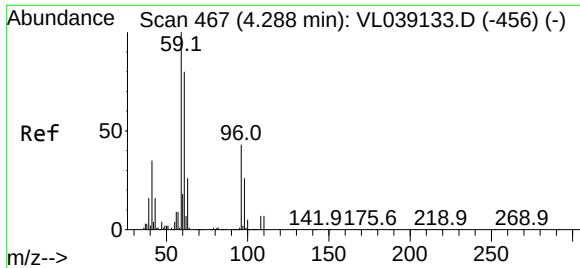
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
1,3-Butadiene
Concen: 0.159 ppbv m
RT: 3.337 min Scan# 171
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

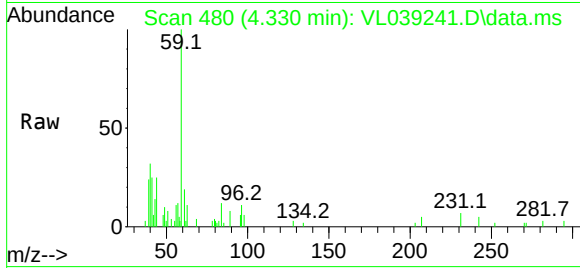
Tgt Ion: 39 Resp: 9377
Ion Ratio Lower Upper
39 100
54 65.9 65.8 98.6





#17
tert-Butyl alcohol
Concen: 0.178 ppbv m
RT: 4.330 min Scan# 411
Delta R.T. 0.042 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

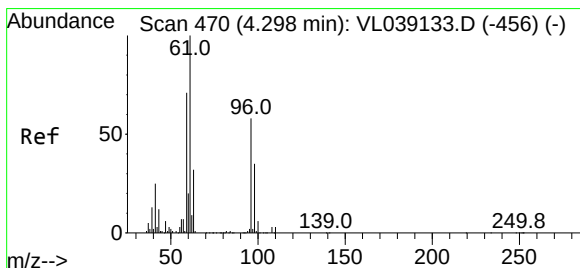
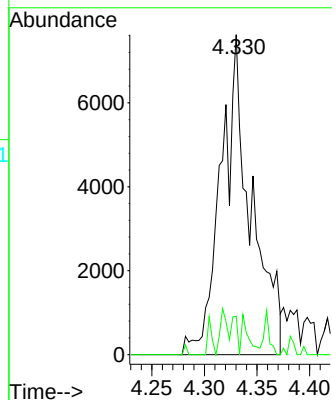
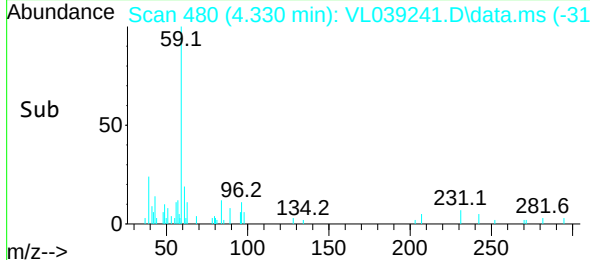
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 59 Resp: 15119
Ion Ratio Lower Upper
59 100
57 10.2 9.1 13.7

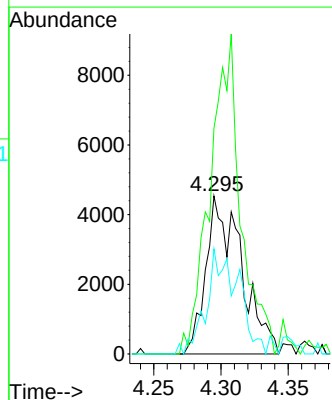
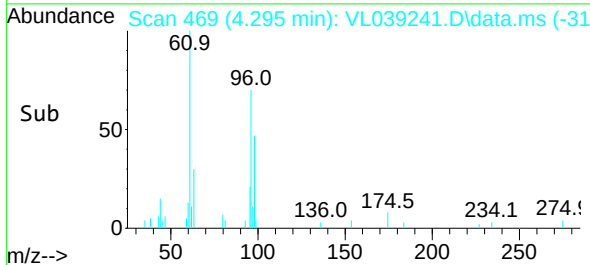
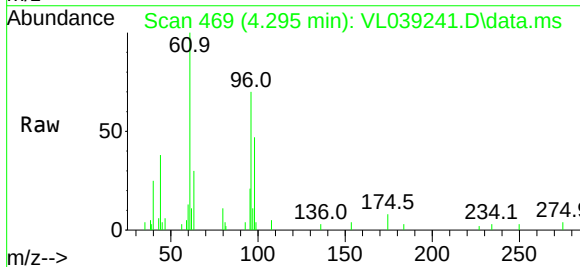
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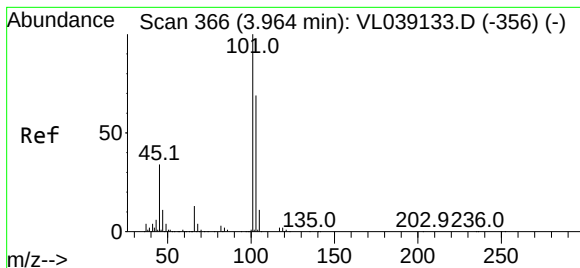
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#18
1,1-Dichloroethene
Concen: 0.168 ppbv m
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

Tgt Ion: 96 Resp: 8331
Ion Ratio Lower Upper
96 100
61 143.0 138.4 207.6
98 66.6 47.8 71.8





#19

Isopropyl Alcohol

Concen: 0.145 ppbv m

RT: 4.002 min Scan# 31

Delta R.T. 0.039 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

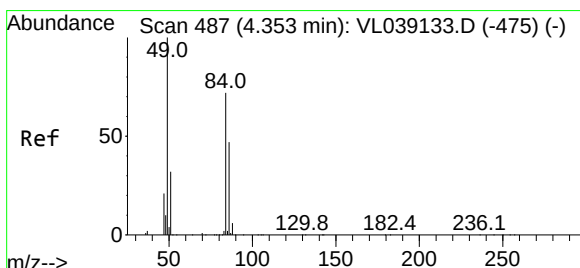
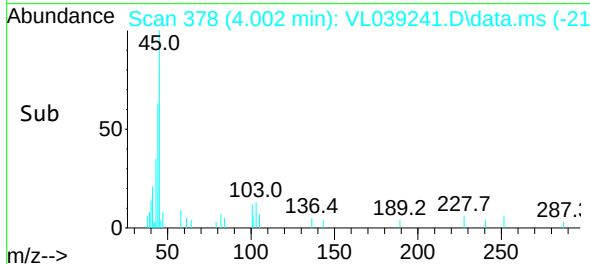
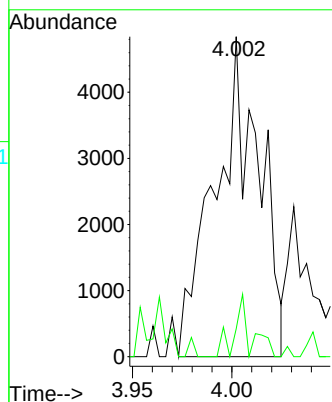
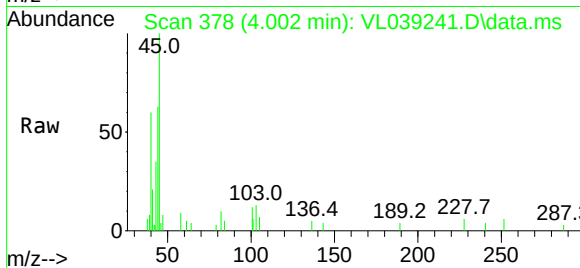
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 45 Resp: 745
 Ion Ratio Lower Upper
 45 100
 58 0.0 1.8 2.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#20

Methylene Chloride

Concen: 0.298 ppbv m

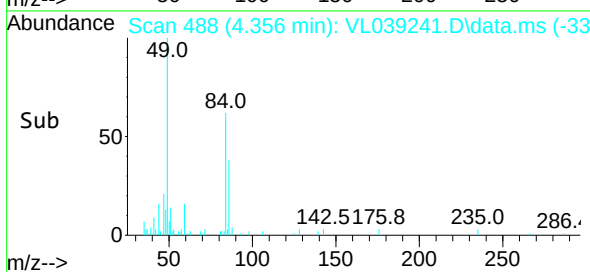
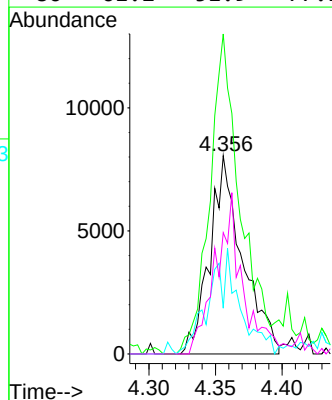
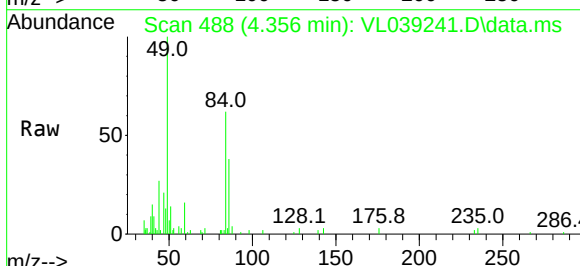
RT: 4.356 min Scan# 488

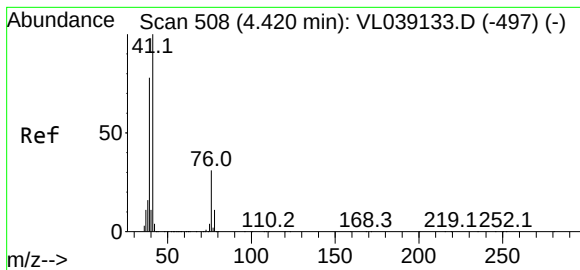
Delta R.T. 0.003 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

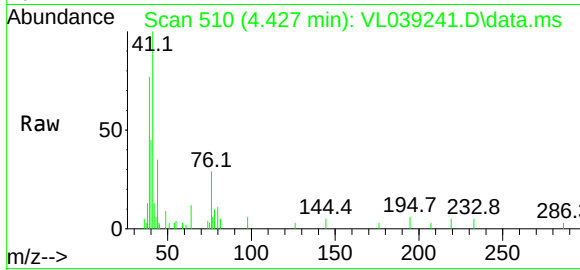
Tgt Ion: 84 Resp: 13770
 Ion Ratio Lower Upper
 84 100
 49 161.4 111.1 166.7
 51 23.1 35.3 52.9#
 86 61.2 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.165 ppbv m
 RT: 4.427 min Scan# 510
 Delta R.T. 0.006 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

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

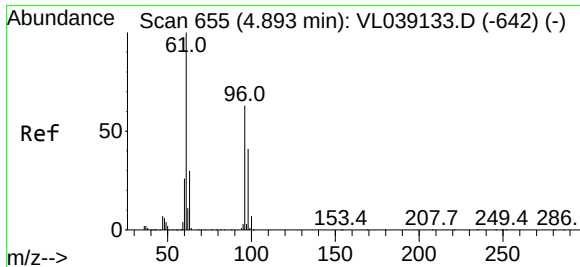
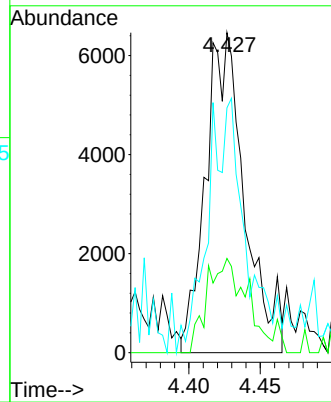
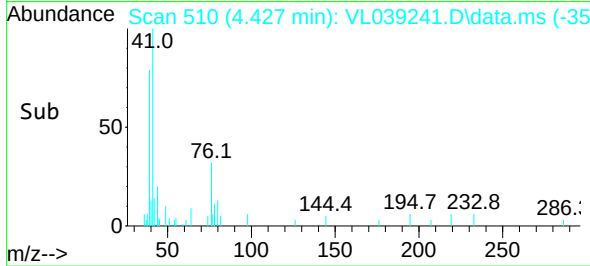


Tgt Ion: 41 Resp: 1220

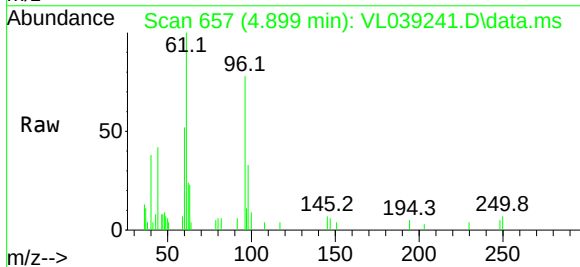
Ion	Ratio	Lower	Upper
41	100		
76	31.6	24.2	36.2
39	91.5	62.2	93.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

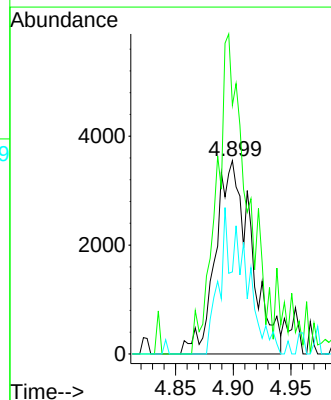
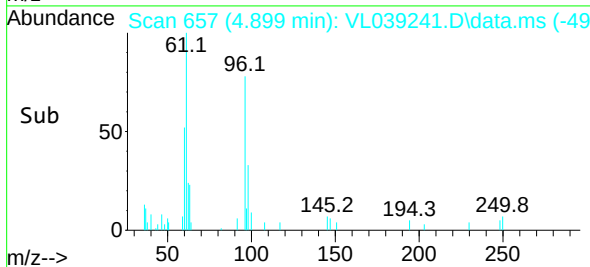


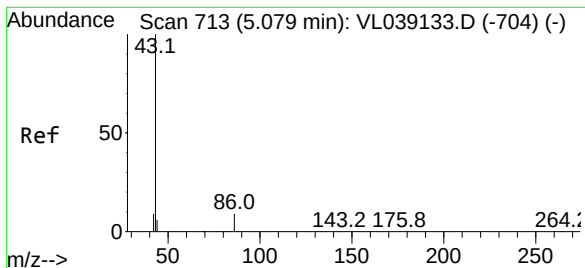
#22
 trans-1,2-Dichloroethene
 Concen: 0.161 ppbv m
 RT: 4.899 min Scan# 657
 Delta R.T. 0.006 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03



Tgt Ion: 96 Resp: 7665

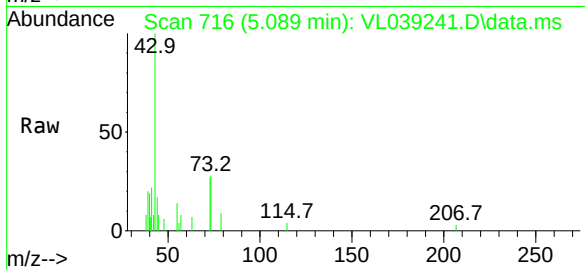
Ion	Ratio	Lower	Upper
96	100		
61	128.6	126.6	190.0
98	42.4	52.5	78.7#





#23
 Vinyl Acetate
 Concen: 0.132 ppbv m
 RT: 5.089 min Scan# 713
 Delta R.T. 0.010 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

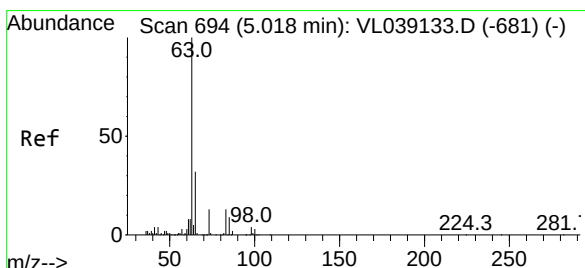
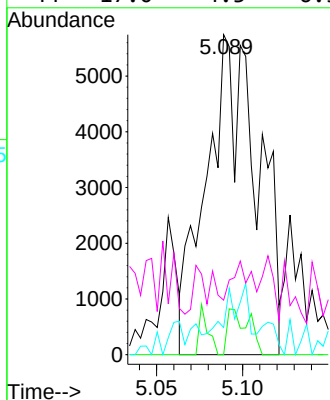
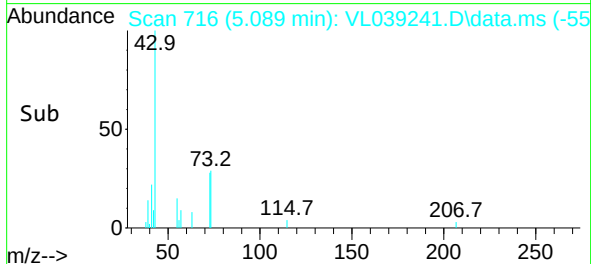
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 11989
 Ion Ratio Lower Upper
 43 100
 86 0.0 6.0 9.0
 42 8.5 8.2 12.4
 44 17.0 4.3 6.5#

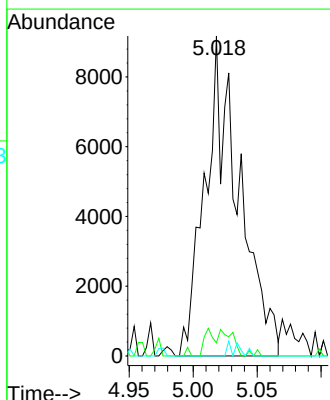
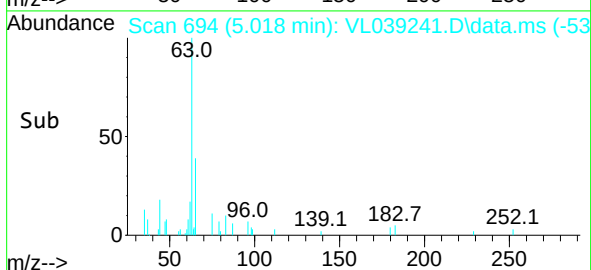
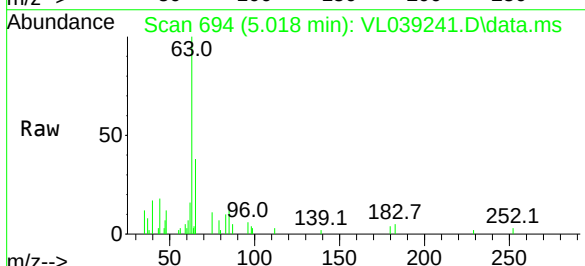
Manual Integrations
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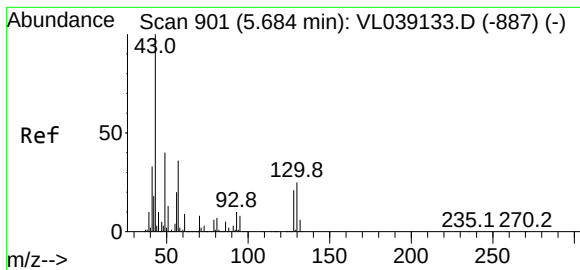
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#24
 1,1-Dichloroethane
 Concen: 0.136 ppbv m
 RT: 5.018 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

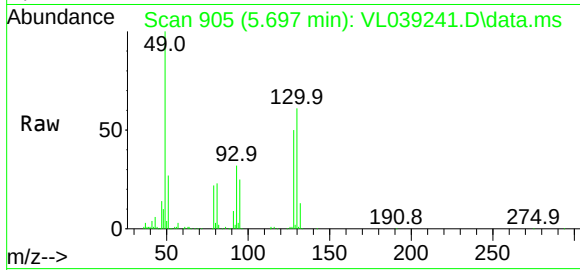
Tgt Ion: 63 Resp: 16910
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 0.0 1.5 4.5#





#25
Ethyl Acetate
Concen: 0.106 ppbv m
RT: 5.697 min Scan# 905
Delta R.T. 0.013 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

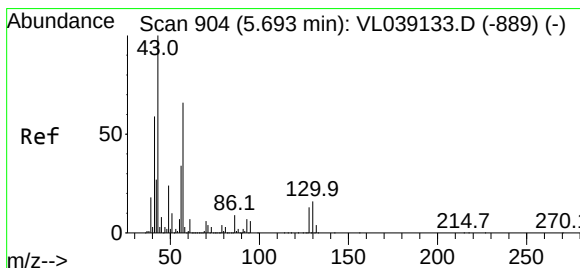
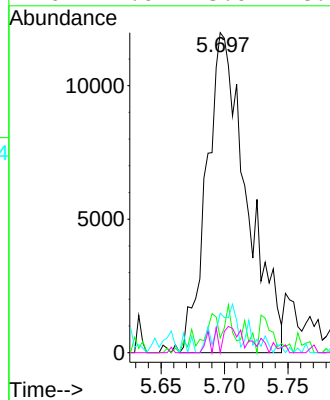
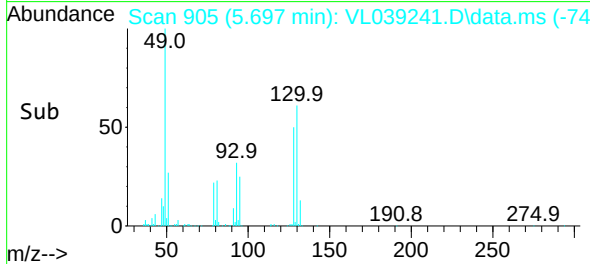
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



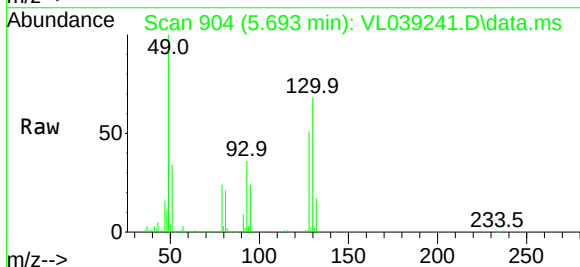
Tgt Ion: 43 Resp: 26240
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.2
61 0.0 8.4 12.6
70 1.6 5.6 8.4

Manual Integrations
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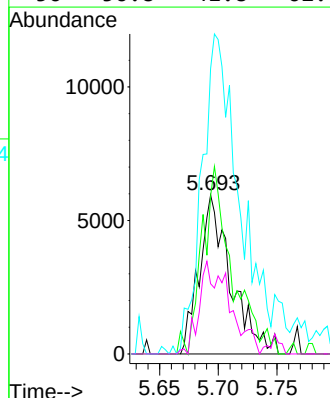
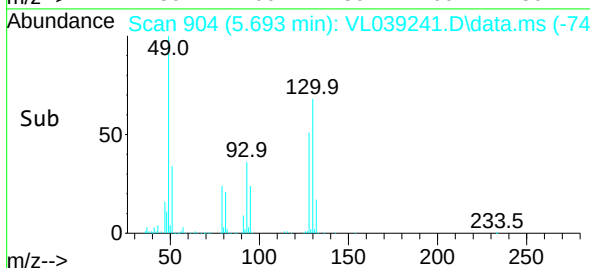
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

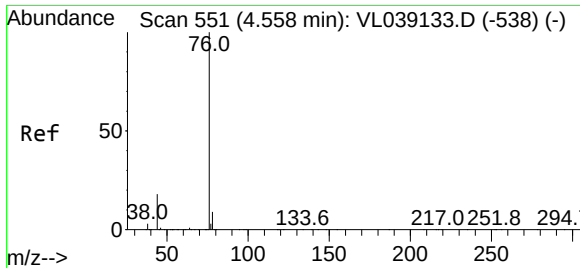


#26
Hexane
Concen: 0.104 ppbv m
RT: 5.693 min Scan# 904
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



Tgt Ion: 57 Resp: 11223
Ion Ratio Lower Upper
57 100
41 111.7 72.4 108.6
43 275.0 187.0 280.6
56 56.8 41.8 62.6





#27

Carbon Disulfide

Concen: 0.126 ppbv m

RT: 4.562 min Scan# 5

Delta R.T. 0.003 min

Lab File: VL039241.D

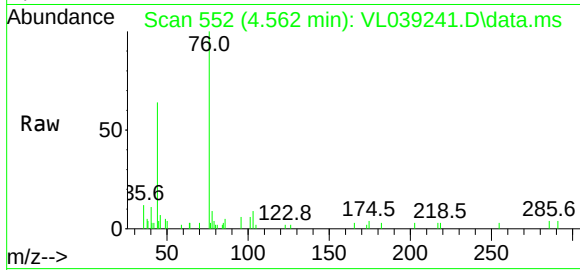
Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022



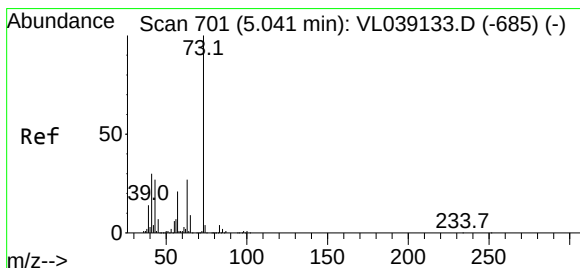
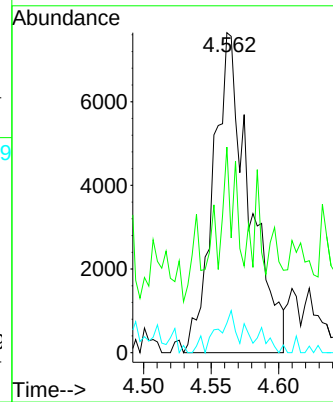
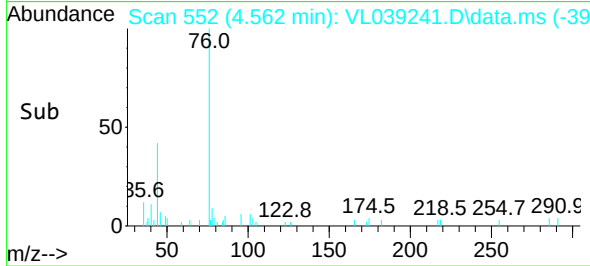
Tgt Ion: 76 Resp: 14194

Ion	Ratio	Lower	Upper
76	100		
44	30.3	14.4	21.6
78	11.1	7.7	11.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#28

Methyl tert-Butyl Ether

Concen: 0.142 ppbv m

RT: 5.057 min Scan# 706

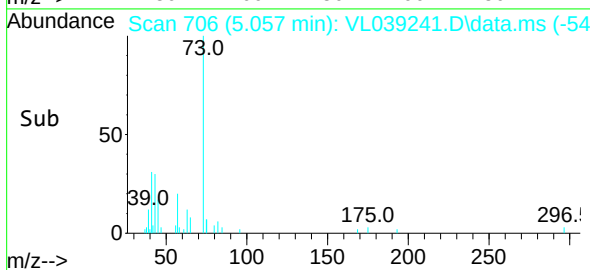
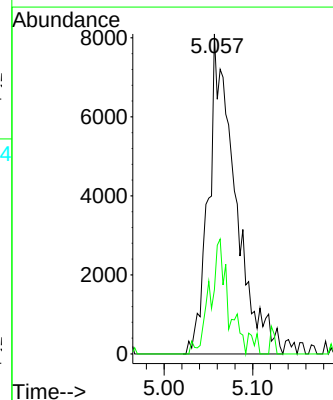
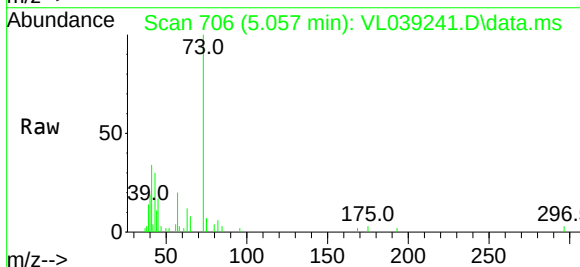
Delta R.T. 0.016 min

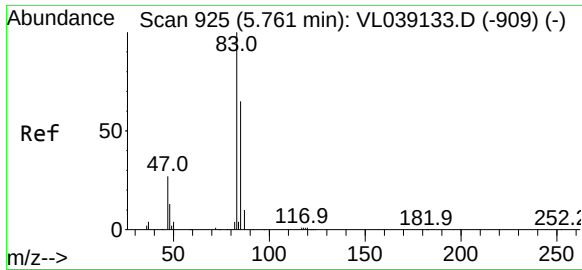
Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Tgt Ion: 73 Resp: 17002

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.6	27.8





#29

Chloroform

Concen: 0.131 ppbv m

RT: 5.761 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

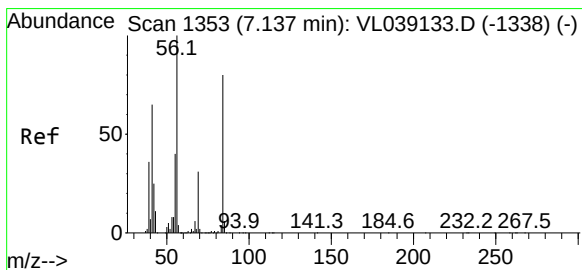
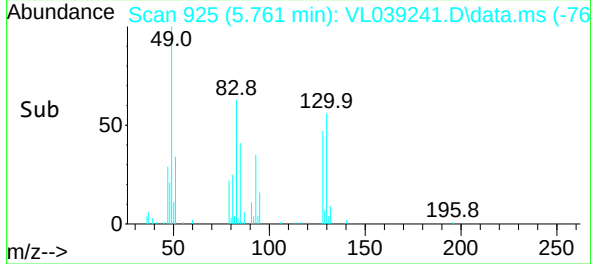
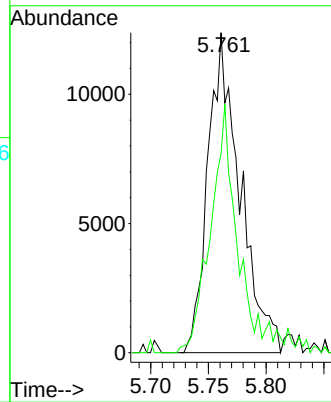
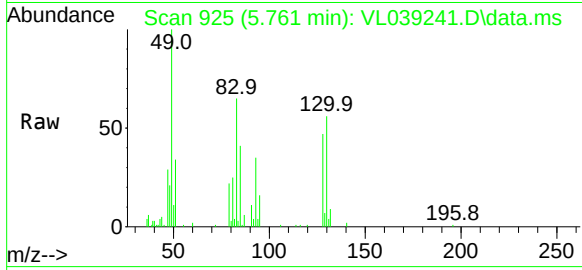
LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 83 Resp: 23870
 Ion Ratio Lower Upper
 83 100
 85 62.2 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#30

Cyclohexane

Concen: 0.142 ppbv m

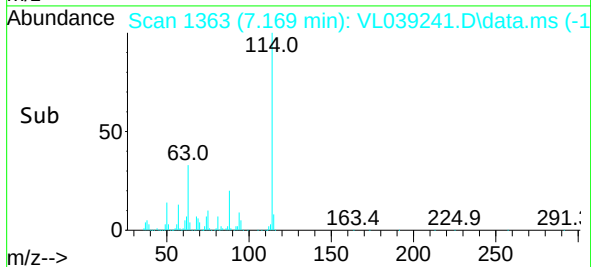
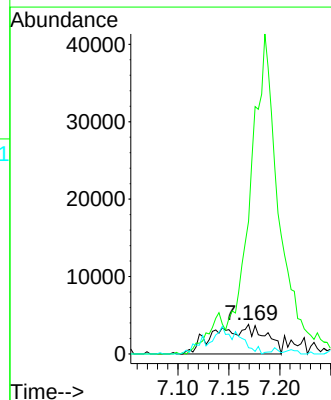
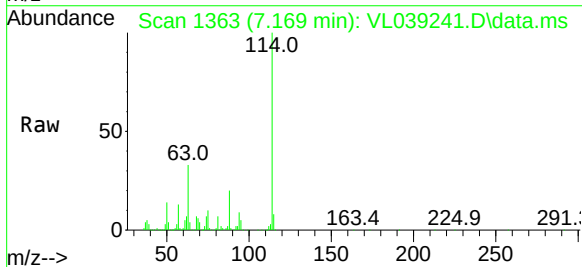
RT: 7.169 min Scan# 1363

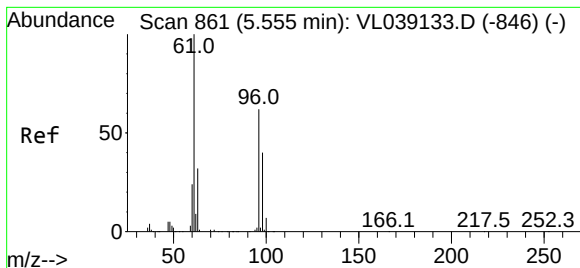
Delta R.T. 0.032 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

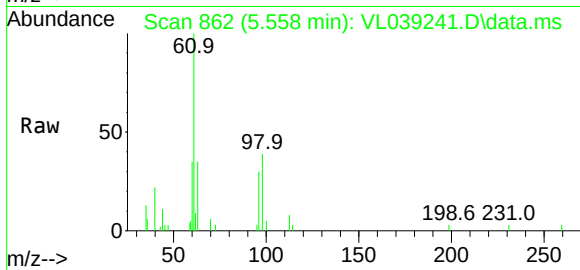
Tgt Ion: 84 Resp: 12977
 Ion Ratio Lower Upper
 84 100
 56 0.0 110.6 165.8#
 41 60.5 68.9 103.3#





#31
cis-1,2-Dichloroethene
Concen: 0.101 ppbv m
RT: 5.558 min Scan# 861
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

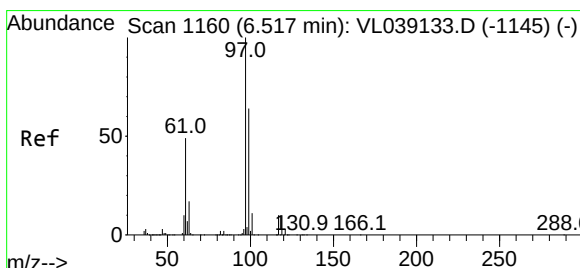
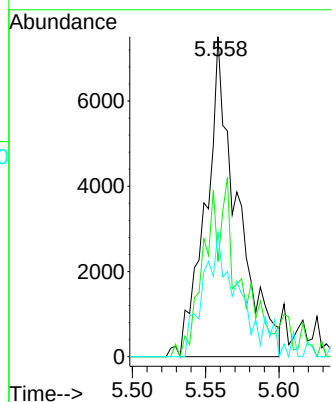
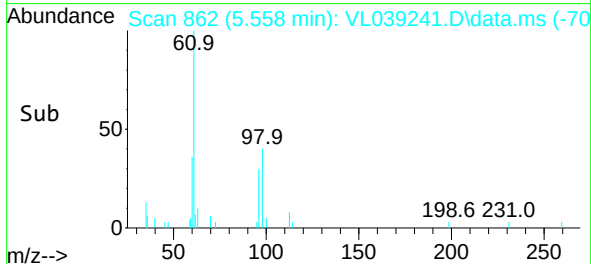
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 61 Resp: 11140
Ion Ratio Lower Upper
61 100
96 29.8 49.9 74.9
98 38.9 32.0 48.0

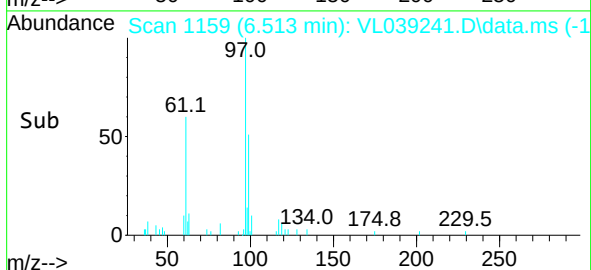
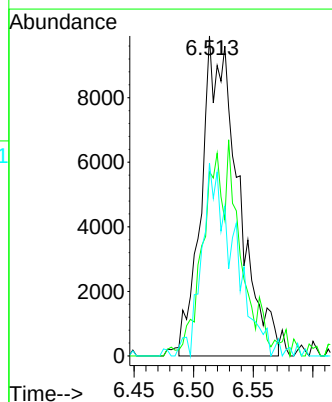
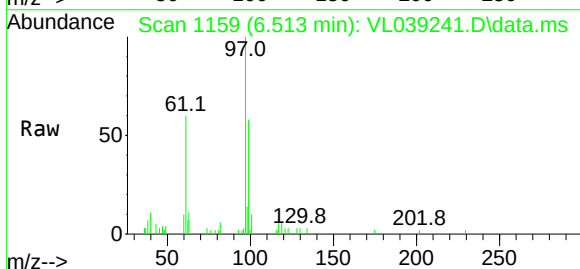
Manual Integrations
APPROVED

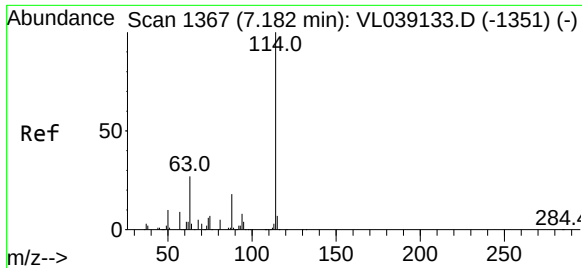
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#32
1,1,1-Trichloroethane
Concen: 0.119 ppbv m
RT: 6.513 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

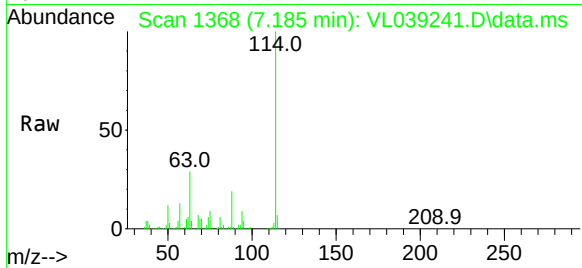
Tgt Ion: 97 Resp: 21224
Ion Ratio Lower Upper
97 100
99 0.0 52.1 78.1
61 55.3 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

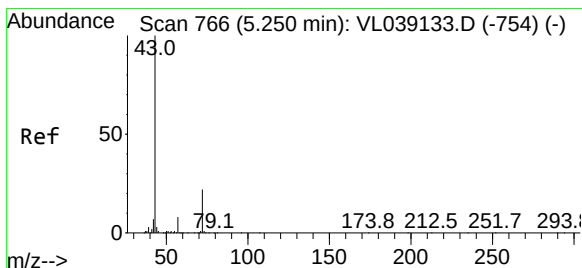
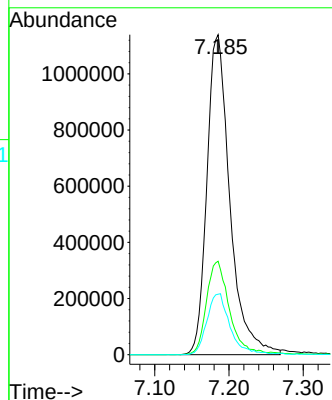
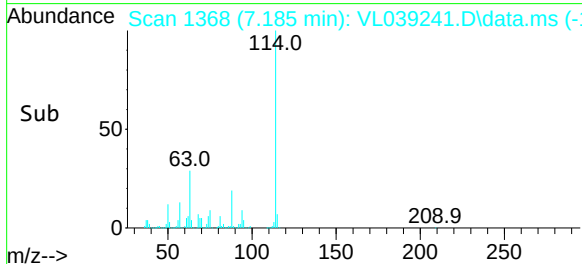
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:114 Resp: 2448700
Ion Ratio Lower Upper
114 100
63 29.7 21.7 32.5
88 19.3 14.8 22.2

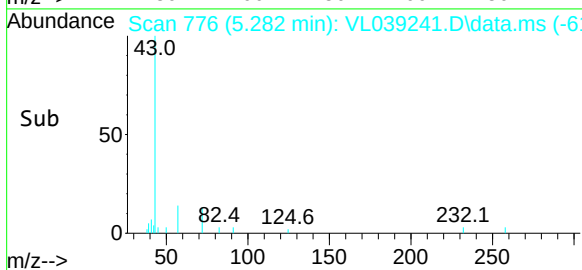
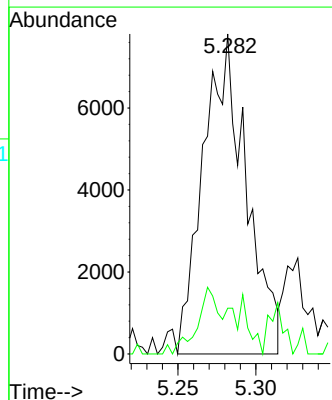
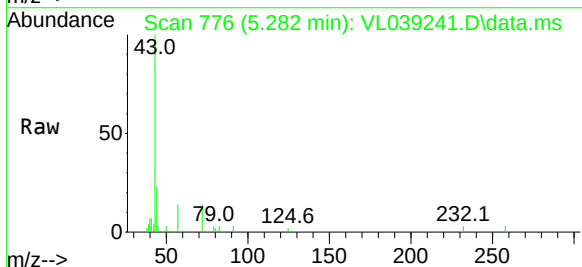
Manual Integrations
APPROVED

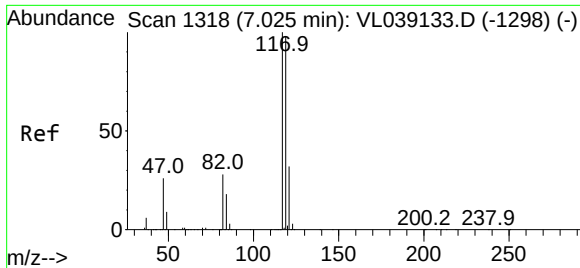
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#34
2-Butanone
Concen: 0.112 ppbv m
RT: 5.282 min Scan# 776
Delta R.T. 0.032 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

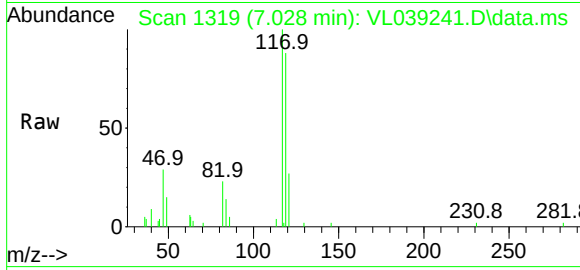
Tgt Ion: 43 Resp: 14872
Ion Ratio Lower Upper
43 100
72 0.0 18.2 27.2#





#35
Carbon Tetrachloride
Concen: 0.113 ppbv m
RT: 7.028 min Scan# 1318
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

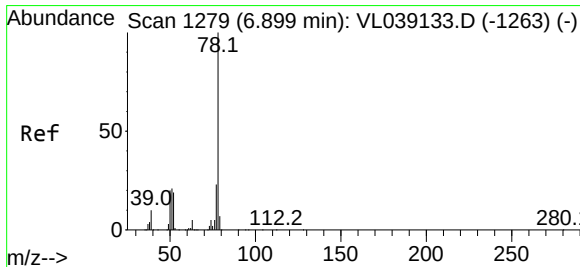
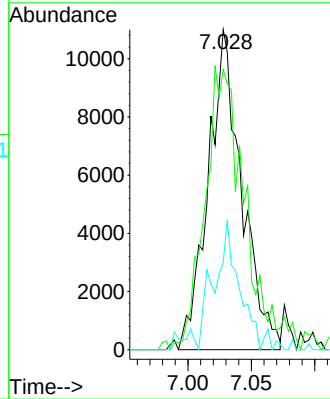
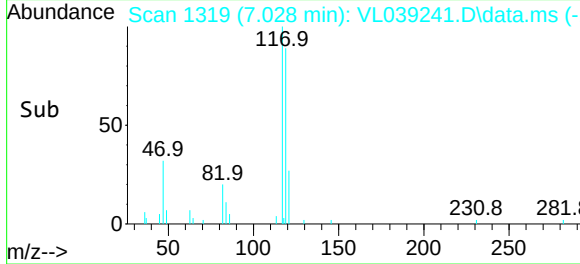
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion:117 Resp: 20210
Ion Ratio Lower Upper
117 100
119 87.5 78.6 118.0
121 27.4 25.4 38.0

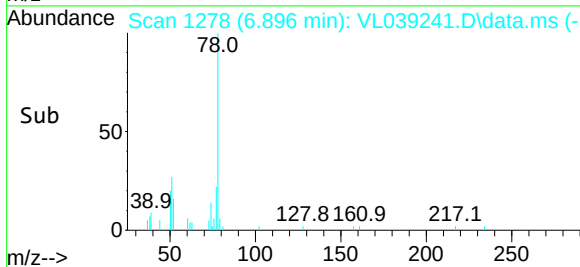
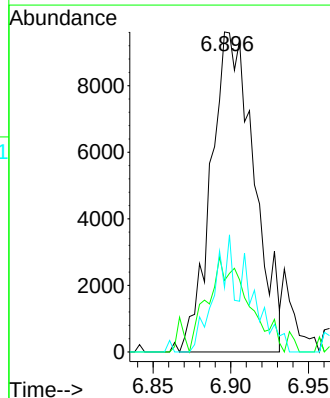
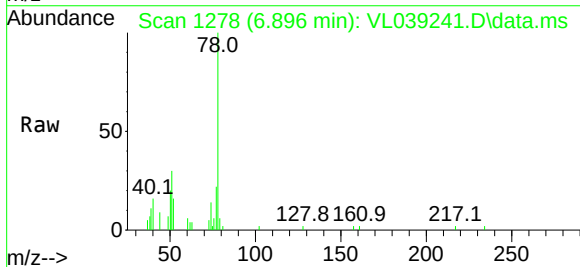
Manual Integrations
APPROVED

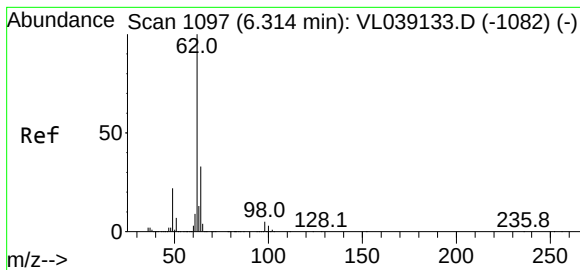
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#36
Benzene
Concen: 0.093 ppbv m
RT: 6.896 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

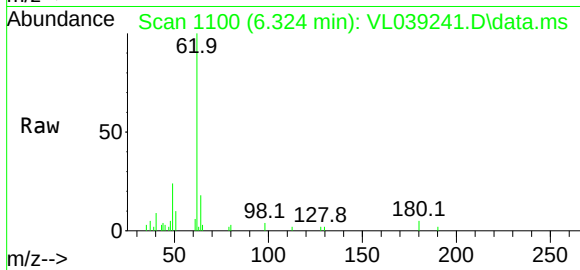
Tgt Ion: 78 Resp: 18520
Ion Ratio Lower Upper
78 100
77 22.4 18.6 27.8
50 20.1 15.8 23.8





#37
1,2-Dichloroethane
Concen: 0.143 ppbv m
RT: 6.324 min Scan# 1100
Delta R.T. 0.010 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

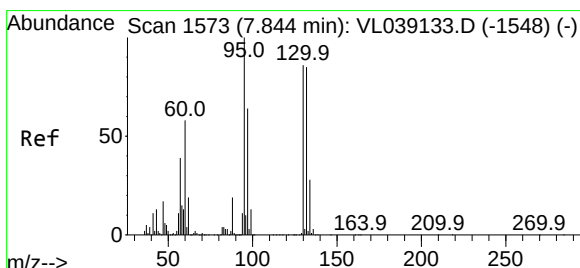
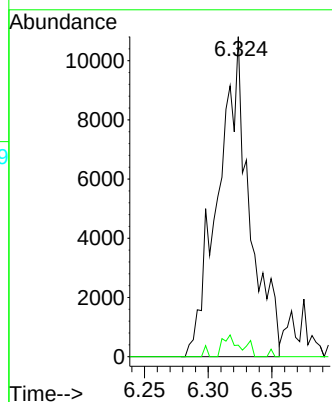
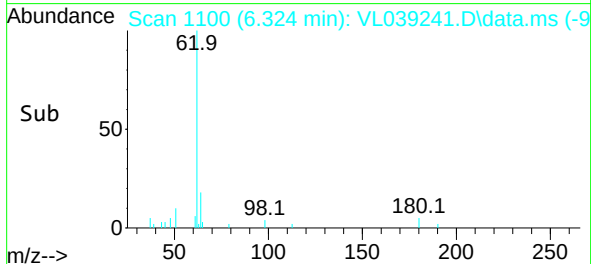
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 62 Resp: 18674
Ion Ratio Lower Upper
62 100
98 4.3 4.3 6.5

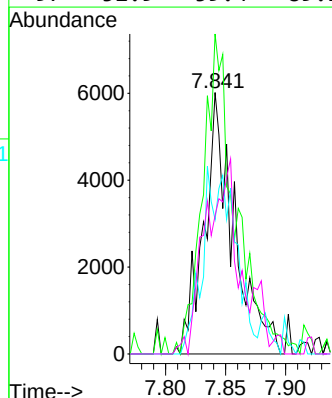
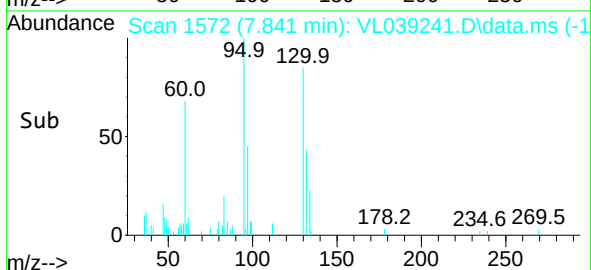
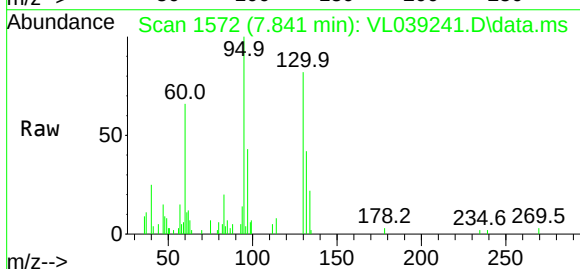
Manual Integrations
APPROVED

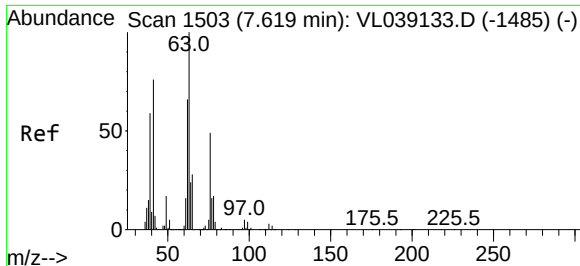
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#38
Trichloroethene
Concen: 0.114 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

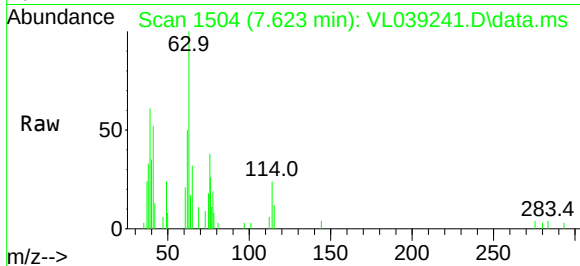
Tgt Ion:130 Resp: 10435
Ion Ratio Lower Upper
130 100
95 122.4 93.3 139.9
132 51.4 79.0 118.4#
97 52.9 59.4 89.2#





#39
1,2-Dichloropropane
Concen: 0.115 ppbv m
RT: 7.623 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

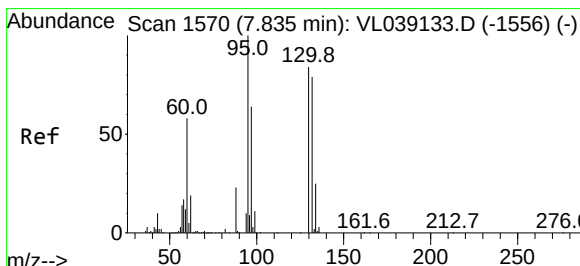
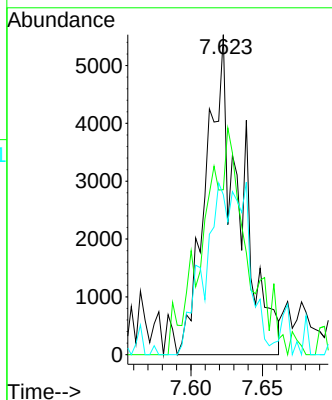
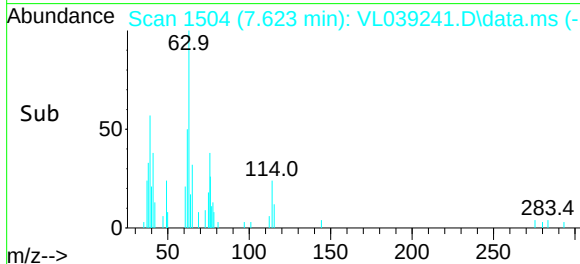
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



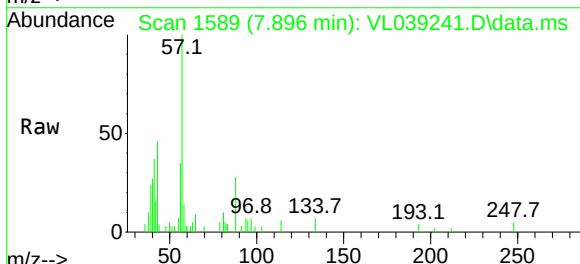
Tgt Ion: 63 Resp: 9100
Ion Ratio Lower Upper
63 100
41 51.6 60.8 91.2
62 50.0 52.9 79.3

Manual Integrations
APPROVED

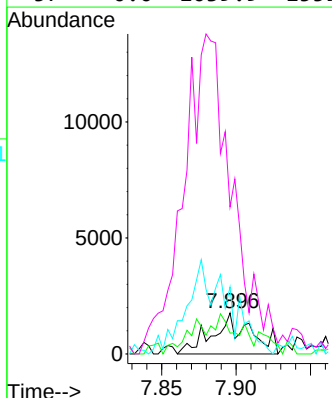
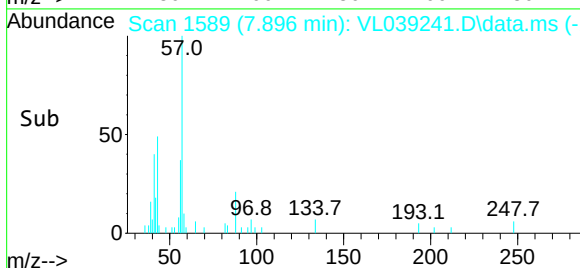
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

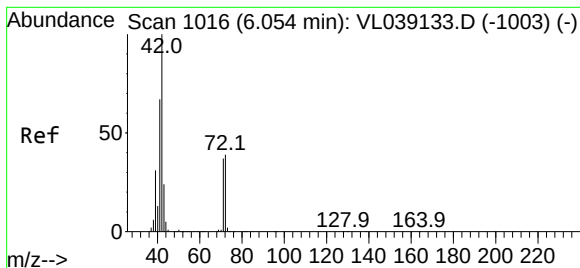


#40
1,4-Dioxane
Concen: 0.118 ppbv m
RT: 7.896 min Scan# 1589
Delta R.T. 0.061 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



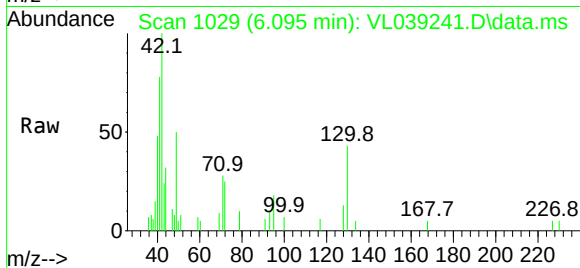
Tgt Ion: 88 Resp: 3068
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.103 ppbv m
RT: 6.095 min Scan# 1029
Delta R.T. 0.042 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

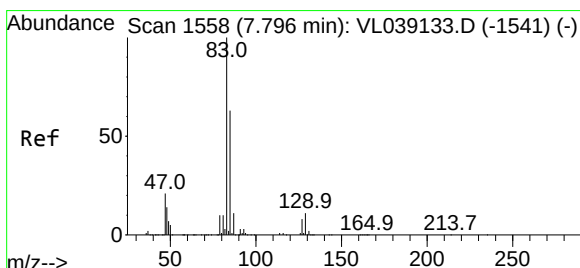
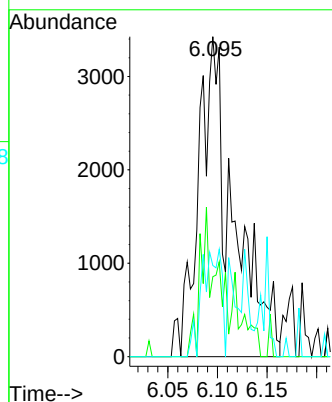
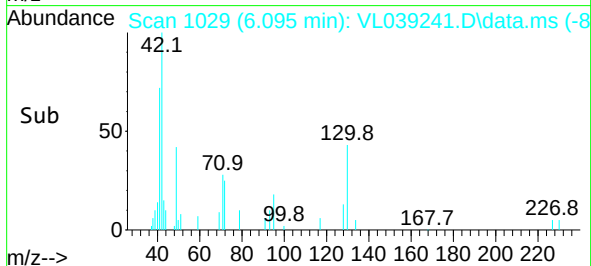
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 42 Resp: 8214
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0
71 0.0 31.1 46.7

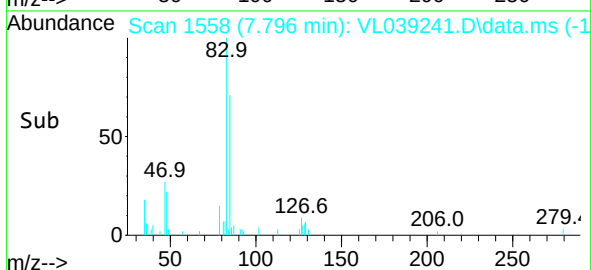
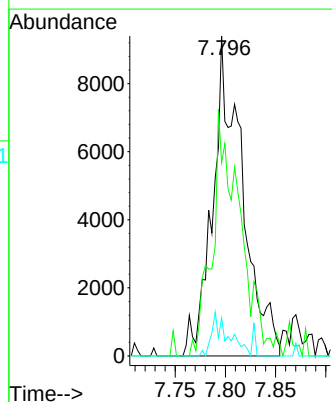
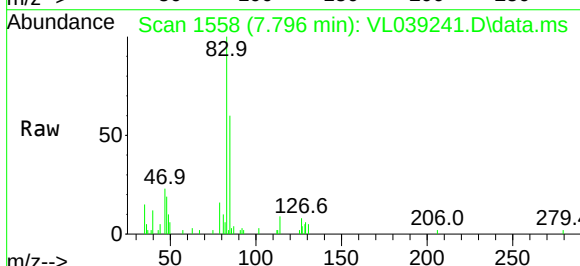
Manual Integrations
APPROVED

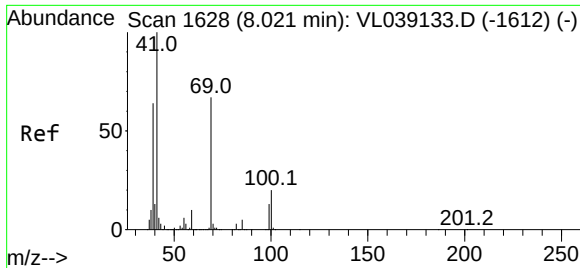
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
Bromodichloromethane
Concen: 0.106 ppbv m
RT: 7.796 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

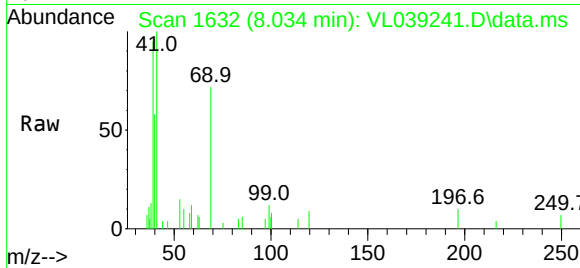
Tgt Ion: 83 Resp: 19209
Ion Ratio Lower Upper
83 100
85 60.4 50.2 75.4
127 7.8 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.095 ppbv m
RT: 8.034 min Scan# 1632
Delta R.T. 0.013 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

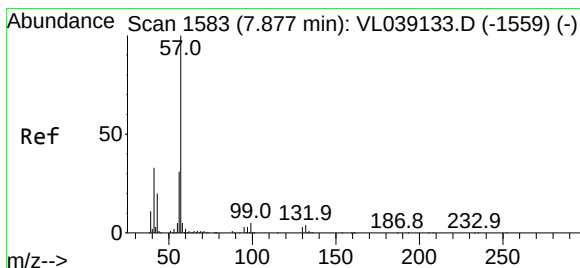
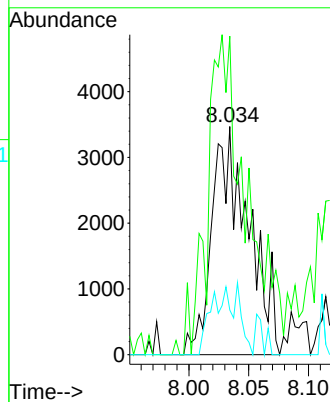
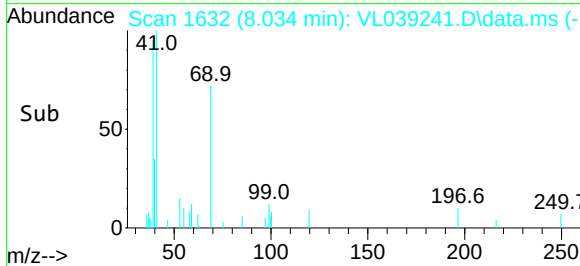
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 69 Resp: 7354
Ion Ratio Lower Upper
69 100
41 159.5 121.9 182.9
100 0.0 24.1 36.1

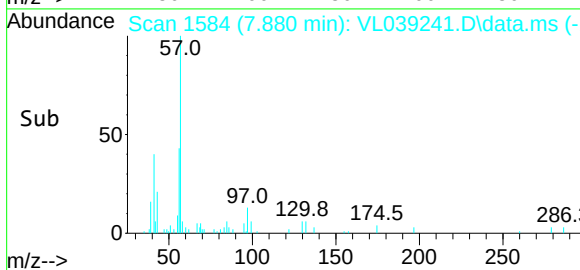
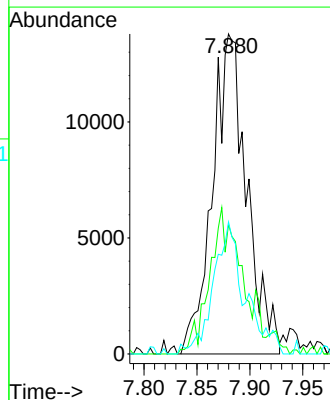
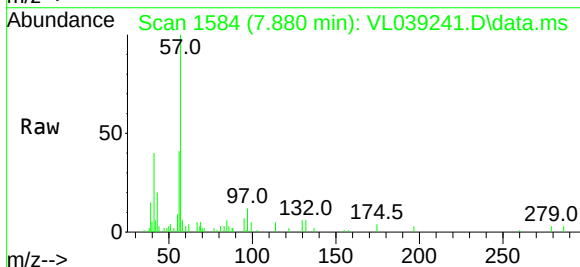
Manual Integrations
APPROVED

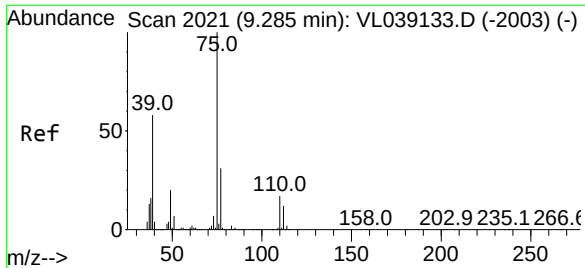
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
2,2,4-Trimethylpentane
Concen: 0.090 ppbv m
RT: 7.880 min Scan# 1584
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

Tgt Ion: 57 Resp: 31157
Ion Ratio Lower Upper
57 100
41 0.0 26.2 39.4#
56 37.9 24.7 37.1#





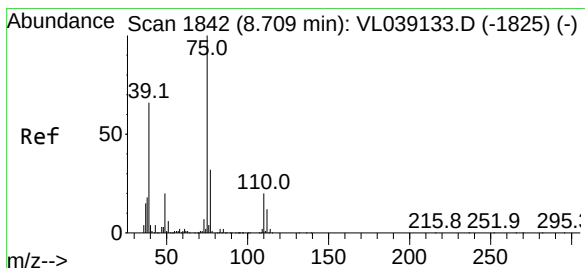
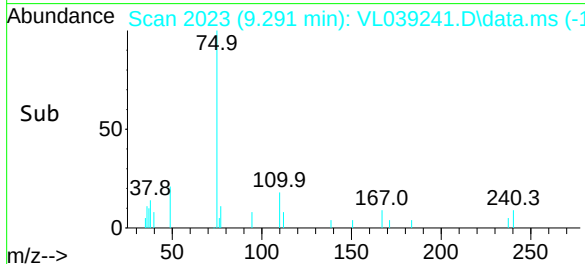
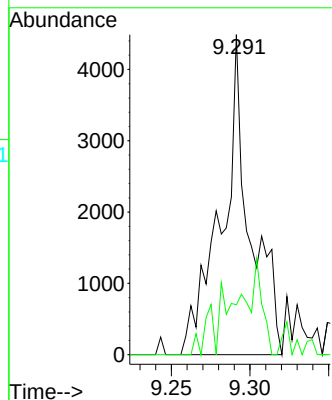
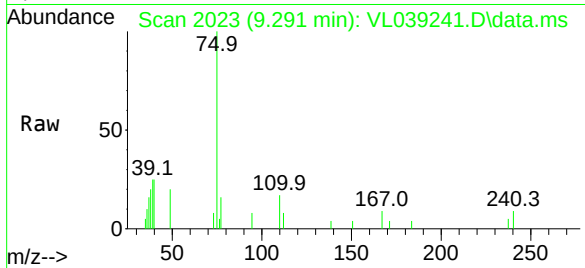
#45
t-1,3-Dichloropropene
Concen: 0.070 ppbv m
RT: 9.291 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

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

Tgt Ion: 75 Resp: 561
Ion Ratio Lower Upper
75 100
77 15.6 24.4 36.6

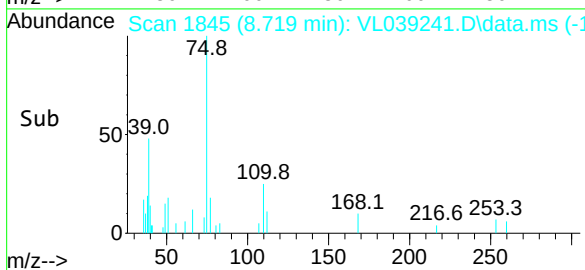
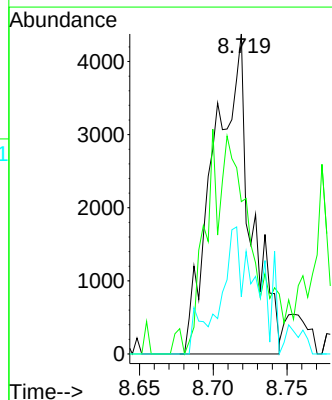
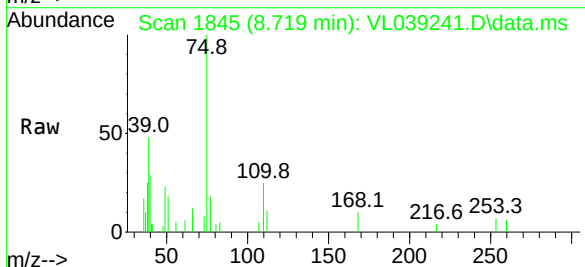
Manual Integrations
APPROVED

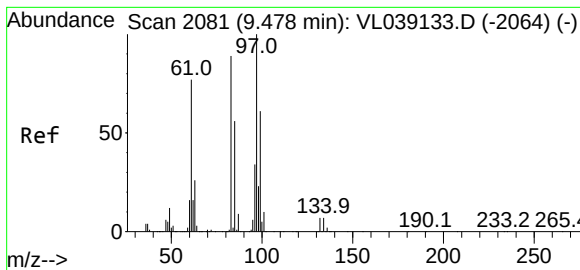
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#46
cis-1,3-Dichloropropene
Concen: 0.072 ppbv m
RT: 8.719 min Scan# 1845
Delta R.T. 0.010 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

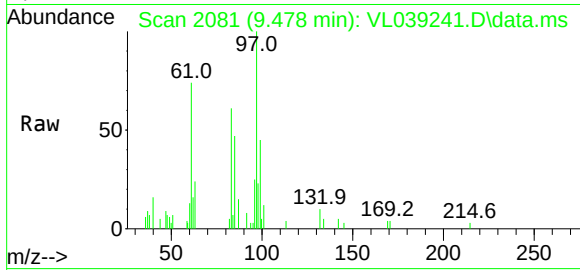
Tgt Ion: 75 Resp: 7659
Ion Ratio Lower Upper
75 100
39 47.6 52.4 78.6#
77 17.8 25.5 38.3#





#47
 1,1,2-Trichloroethane
 Concen: 0.111 ppbv m
 RT: 9.478 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

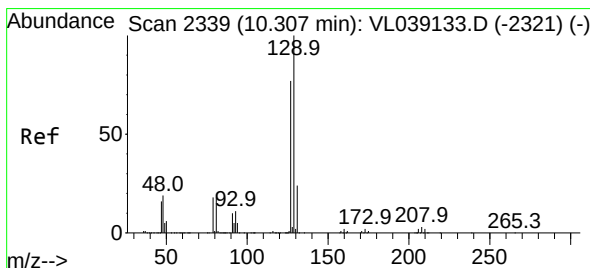
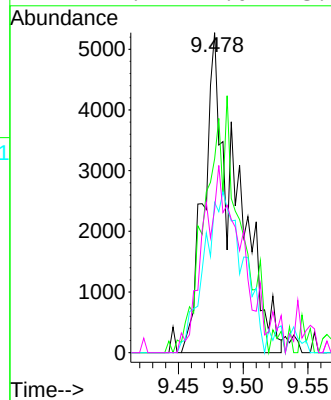
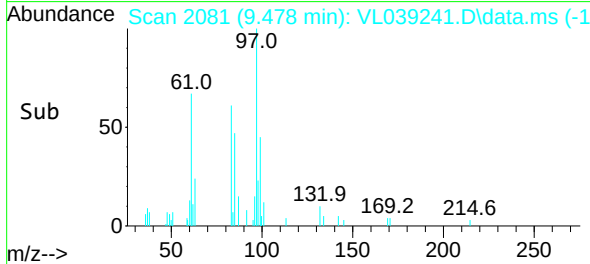
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



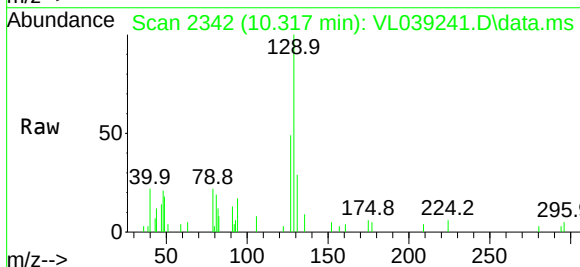
Tgt Ion	Ratio	Lower	Upper
97	100		
83	60.6	71.6	107.4
85	46.9	44.8	67.2
99	44.9	49.0	73.4

Manual Integrations
 APPROVED

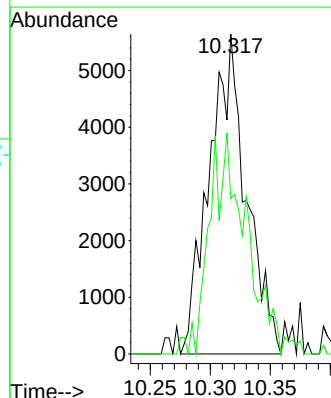
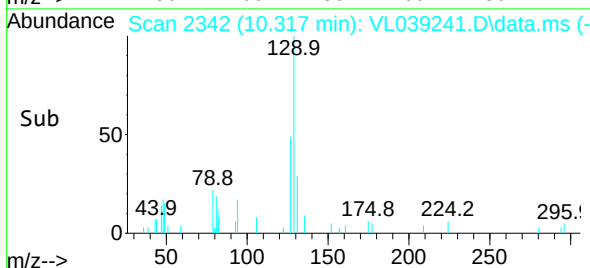
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

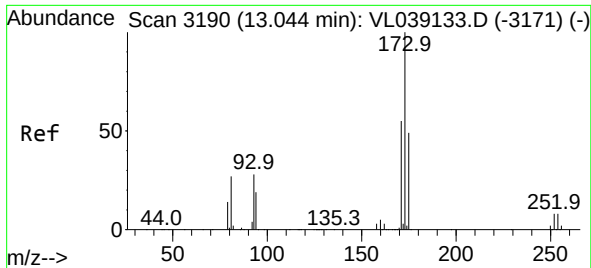


#48
 Dibromochloromethane
 Concen: 0.082 ppbv m
 RT: 10.317 min Scan# 2342
 Delta R.T. 0.010 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03



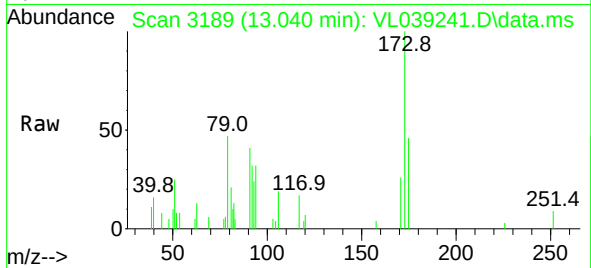
Tgt Ion	Ratio	Lower	Upper
129	100		
127	69.4	40.0	119.9





#49
Bromoform
Concen: 0.077 ppbv m
RT: 13.040 min Scan# 3190
Delta R.T. -0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

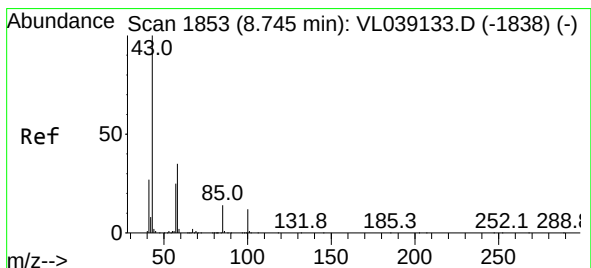
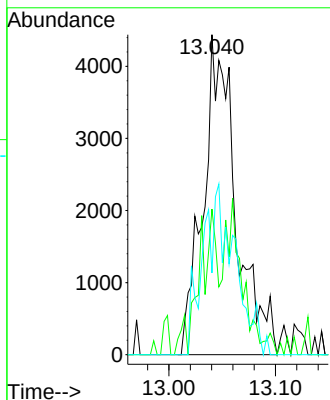
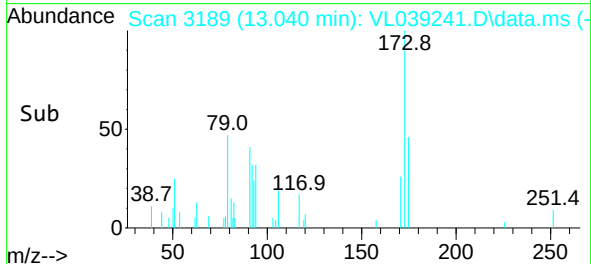
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



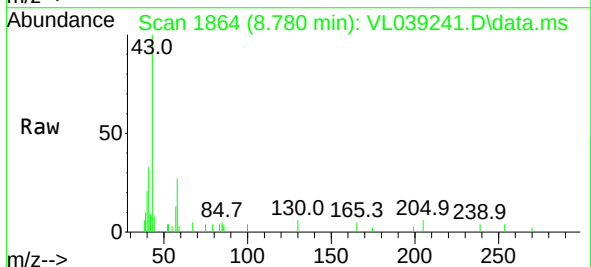
Tgt Ion: 173 Resp: 9469
Ion Ratio Lower Upper
173 100
175 0.0 40.2 60.2
171 51.9 43.9 65.9

Manual Integrations
APPROVED

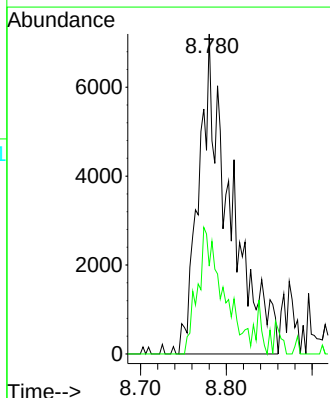
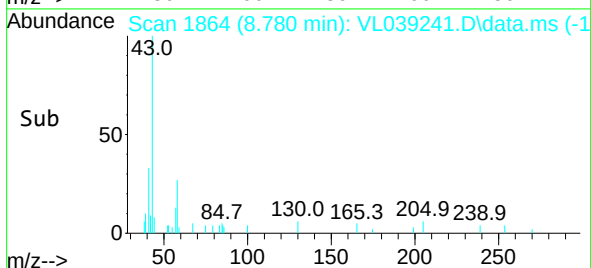
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

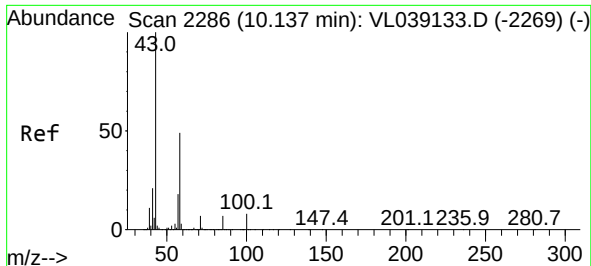


#50
4-Methyl-2-Pentanone
Concen: 0.091 ppbv m
RT: 8.780 min Scan# 1864
Delta R.T. 0.035 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



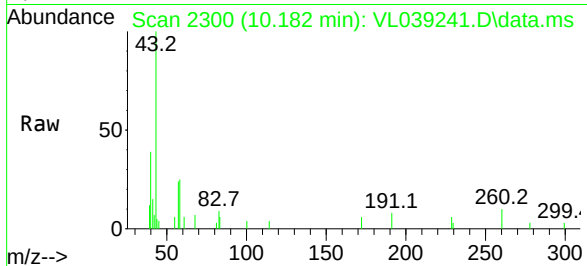
Tgt Ion: 43 Resp: 18213
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1





#51
2-Hexanone
Concen: 0.067 ppbv m
RT: 10.182 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

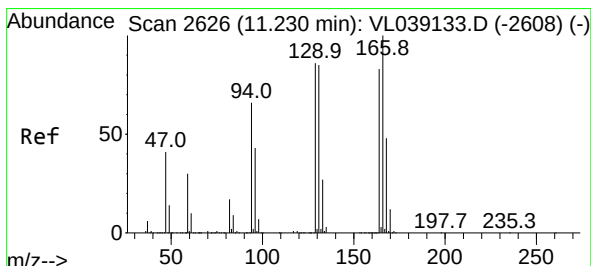
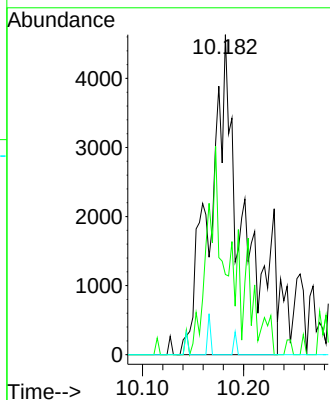
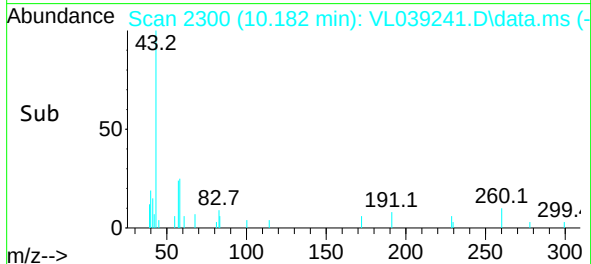
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



Tgt Ion: 43 Resp: 10334
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.6 0.1 0.1

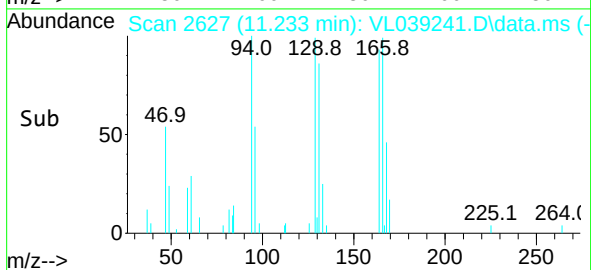
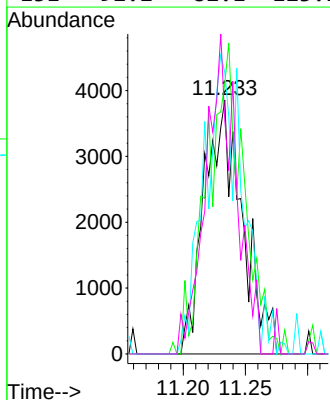
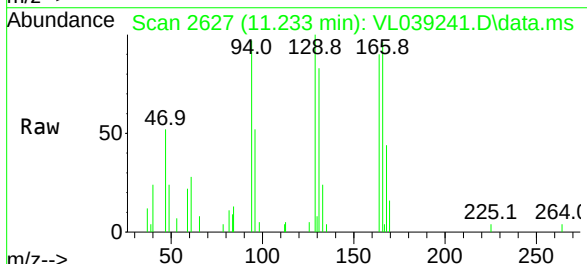
Manual Integrations
APPROVED

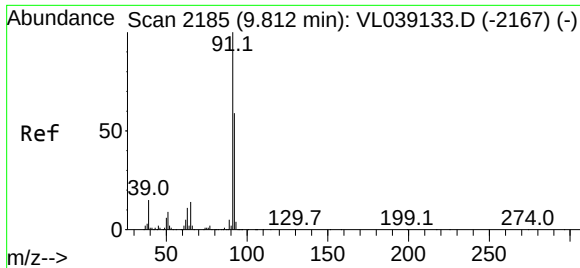
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
Tetrachloroethene
Concen: 0.106 ppbv m
RT: 11.233 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

Tgt Ion:164 Resp: 8200
Ion Ratio Lower Upper
164 100
166 106.4 96.3 144.5
129 111.0 82.5 123.7
131 92.2 82.1 123.1





#53

Toluene

Concen: 0.083 ppbv m

RT: 9.812 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VL039241.D

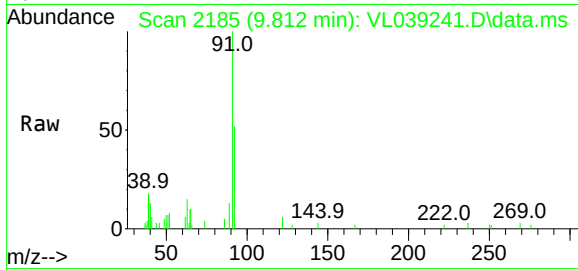
Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

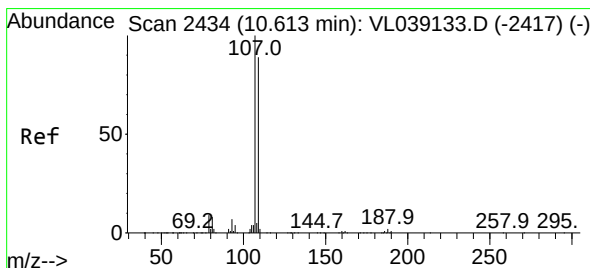
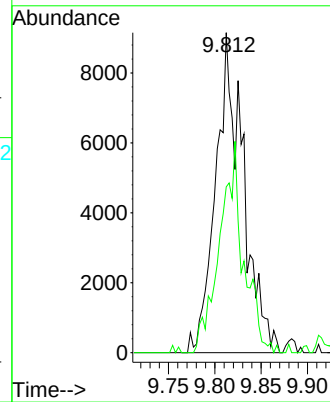
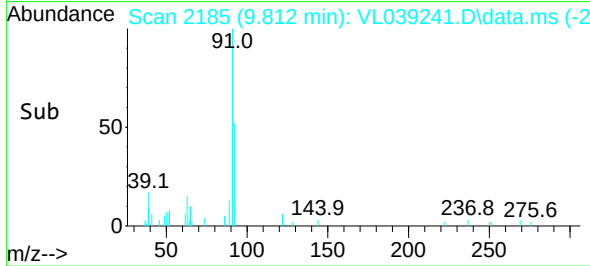


Tgt Ion: 91 Resp: 18912
 Ion Ratio Lower Upper
 91 100
 92 0.0 48.1 72.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#54

1,2-Dibromoethane

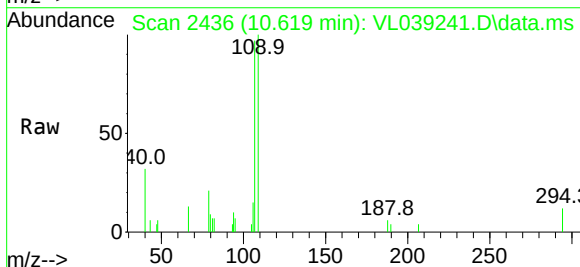
Concen: 0.094 ppbv m

RT: 10.619 min Scan# 2436

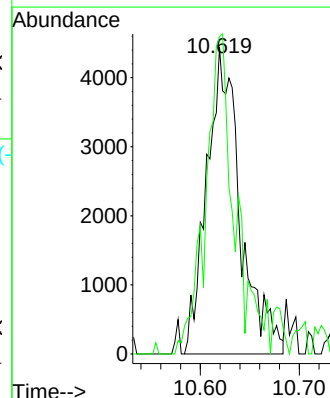
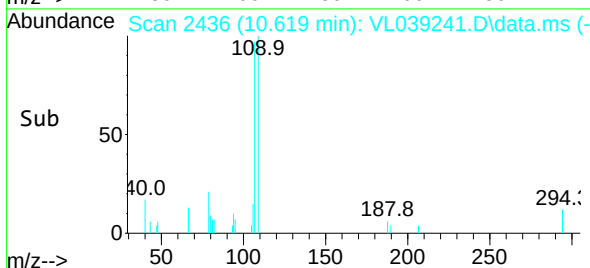
Delta R.T. 0.006 min

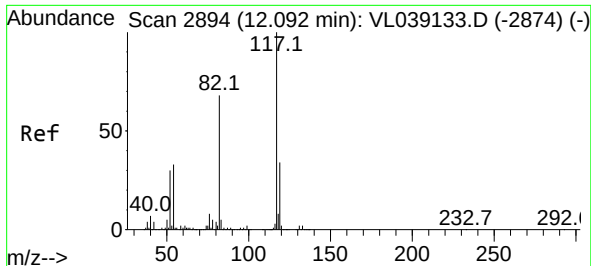
Lab File: VL039241.D

Acq: 8 Jun 2022 19:03



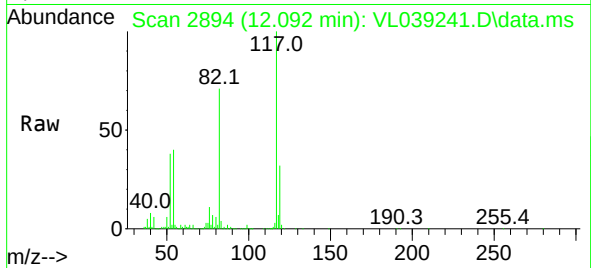
Tgt Ion:107 Resp: 10437
 Ion Ratio Lower Upper
 107 100
 109 103.5 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

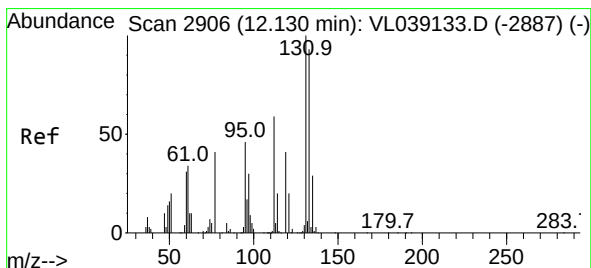
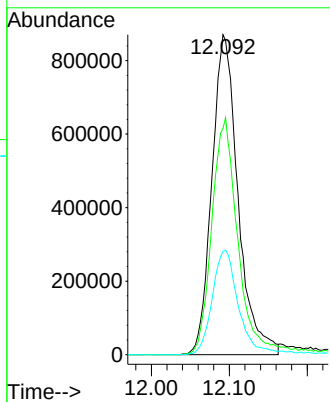
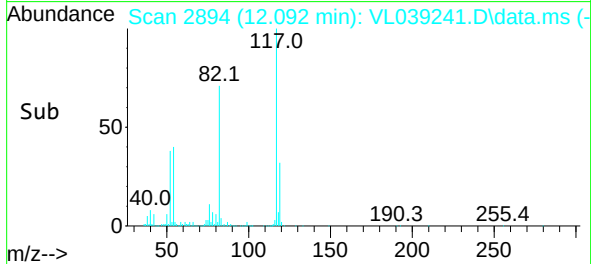
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



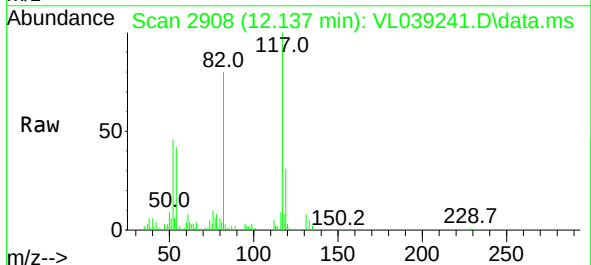
Tgt Ion:117 Resp: 202934
Ion Ratio Lower Upper
117 100
82 77.0 55.1 82.7
119 33.1 24.7 37.1

Manual Integrations
APPROVED

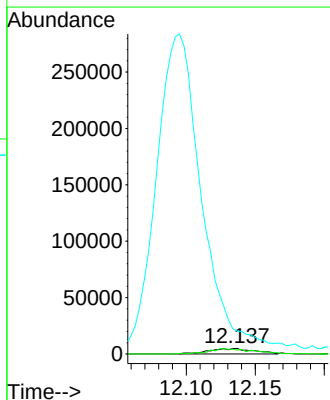
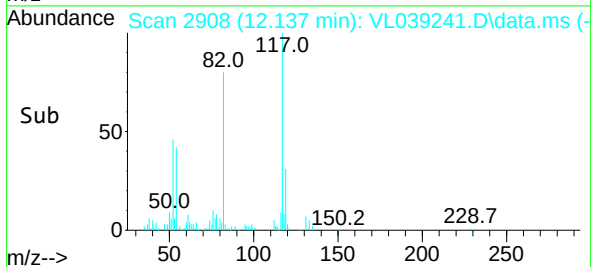
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

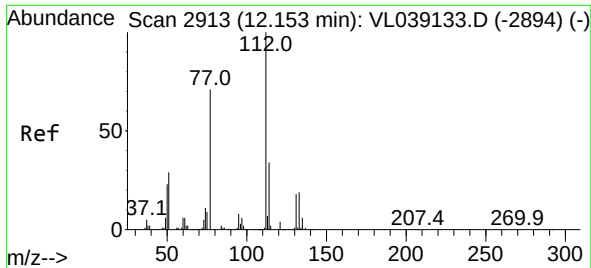


#56
1,1,1,2-Tetrachloroethane
Concen: 0.114 ppbv m
RT: 12.137 min Scan# 2908
Delta R.T. 0.006 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



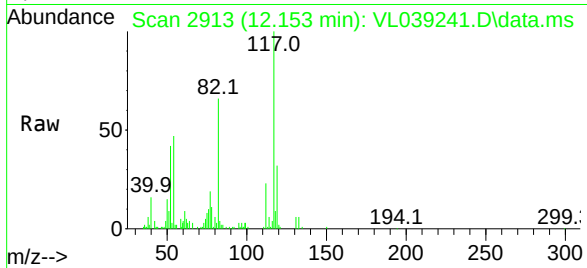
Tgt Ion:131 Resp: 10932
Ion Ratio Lower Upper
131 100
133 98.7 78.6 117.8
119 0.0 51.7 77.5#





#57
Chlorobenzene
Concen: 0.124 ppbv m
RT: 12.153 min Scan# 2913
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

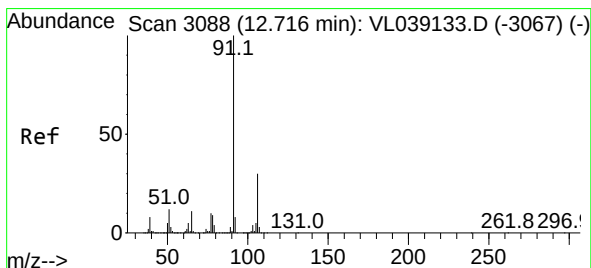
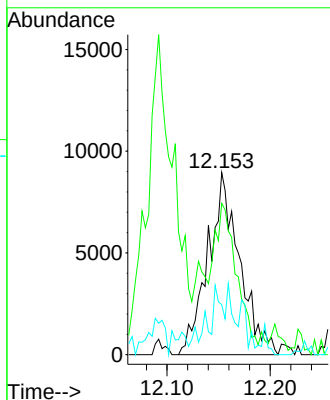
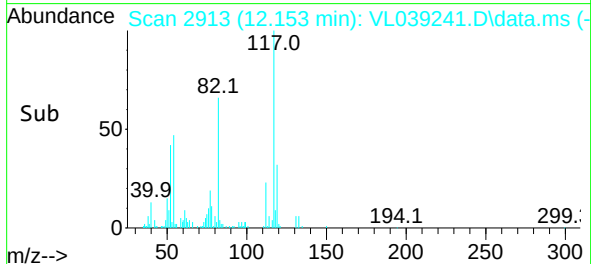
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



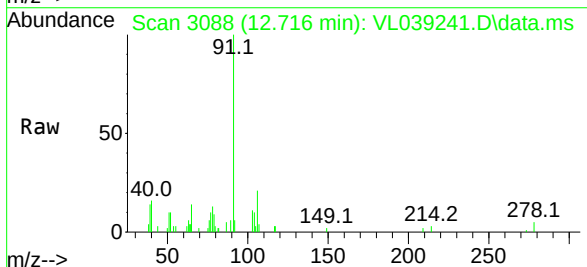
Tgt Ion: 112 Resp: 1897
Ion Ratio Lower Upper
112 100
77 83.1 56.5 84.7
114 27.5 30.3 37.1

Manual Integrations
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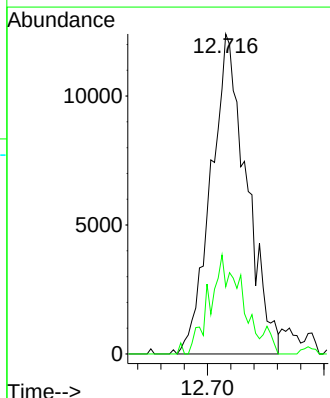
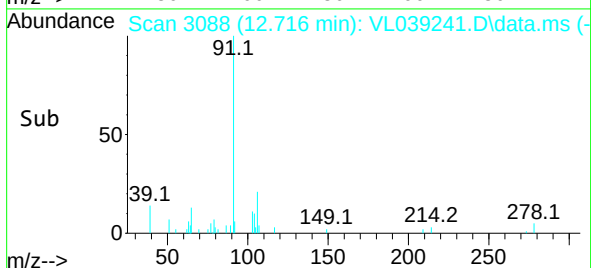
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

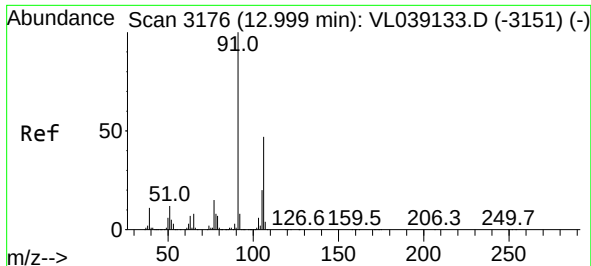


#58
Ethyl Benzene
Concen: 0.094 ppbv m
RT: 12.716 min Scan# 3088
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



Tgt Ion: 91 Resp: 26277
Ion Ratio Lower Upper
91 100
106 21.0 24.2 36.4





#59

m/p-Xylene

Concen: 0.178 ppbv m

RT: 13.008 min Scan# 3176

Delta R.T. 0.010 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

Tgt Ion: 91 Resp: 43870

Ion Ratio Lower Upper

91 100

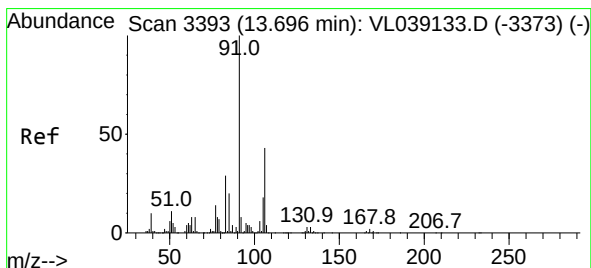
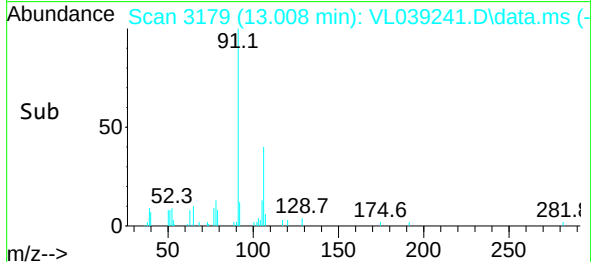
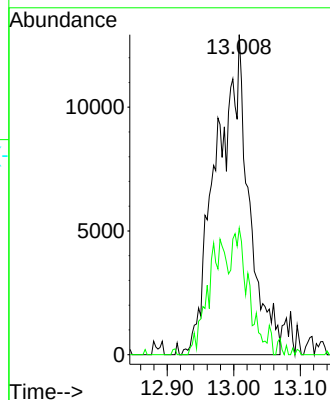
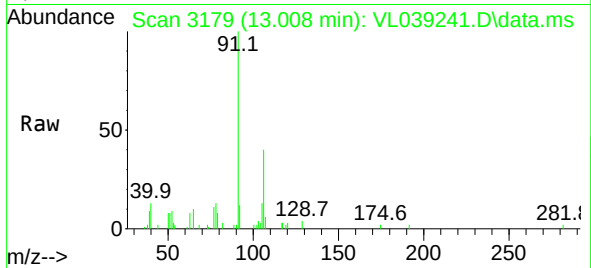
106 0.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#60

o-Xylene

Concen: 0.096 ppbv m

RT: 13.700 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VL039241.D

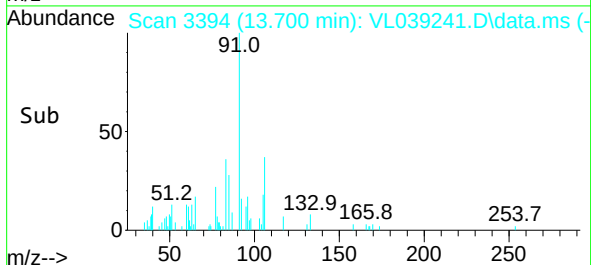
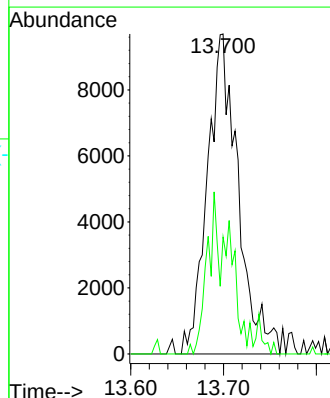
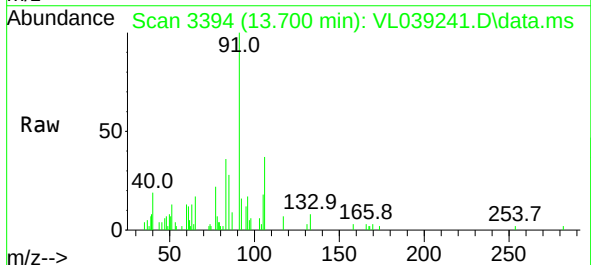
Acq: 8 Jun 2022 19:03

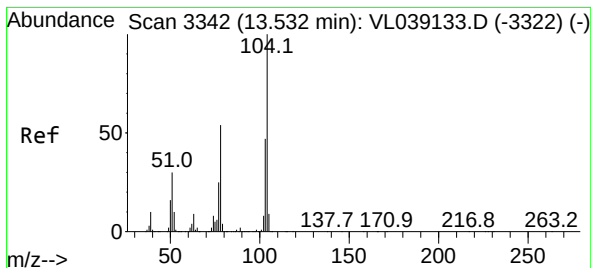
Tgt Ion: 91 Resp: 22190

Ion Ratio Lower Upper

91 100

106 0.0 22.3 66.9





#61

Styrene

Concen: 0.077 ppbv m

RT: 13.532 min Scan# 3342

Delta R.T. 0.000 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

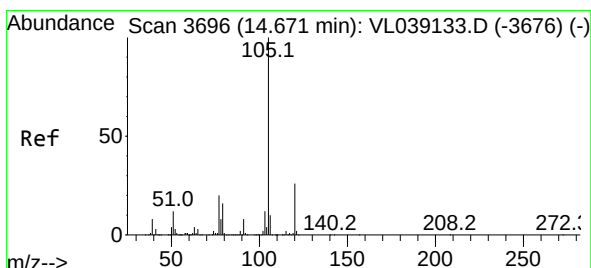
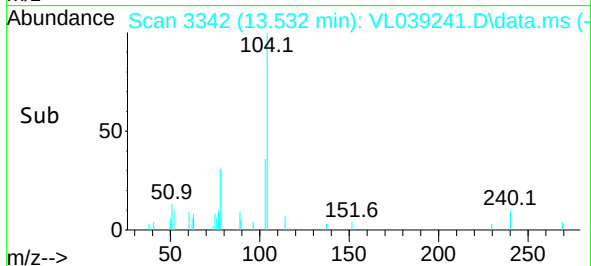
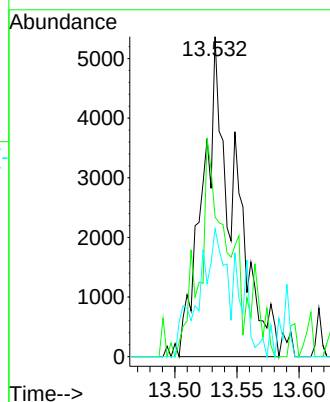
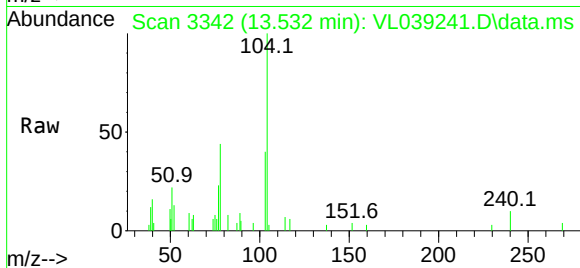
Tgt Ion:104	Resp:	9479
Ion Ratio	Lower	Upper
104	100	
78	0.0	45.7 68.5
103	47.5	39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#62

Isopropylbenzene

Concen: 0.106 ppbv m

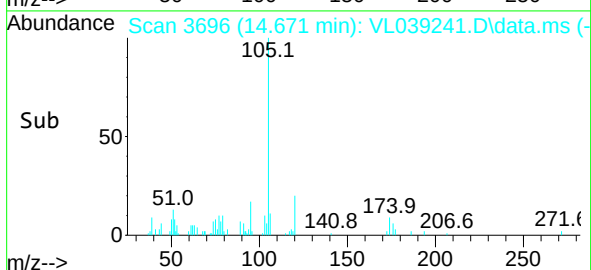
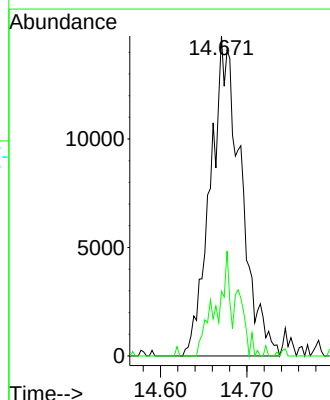
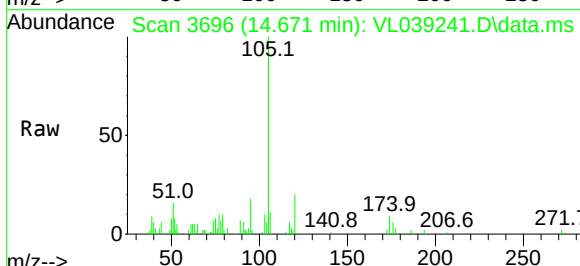
RT: 14.671 min Scan# 3696

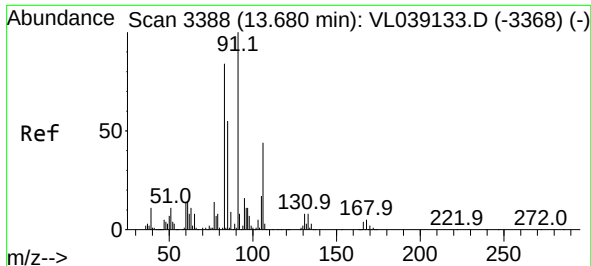
Delta R.T. 0.000 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Tgt Ion:105	Resp:	36272
Ion Ratio	Lower	Upper
105	100	
120	0.0	20.3 30.5





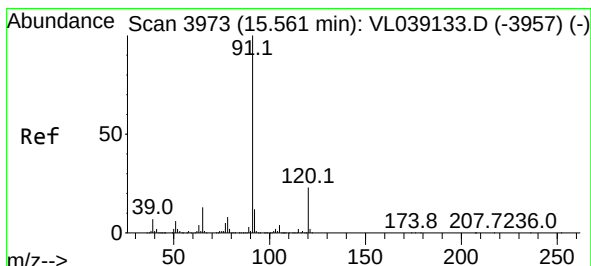
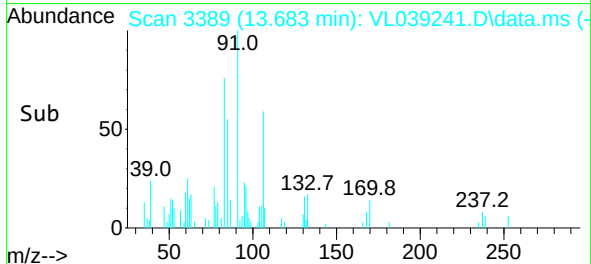
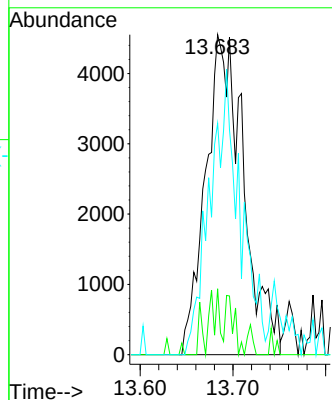
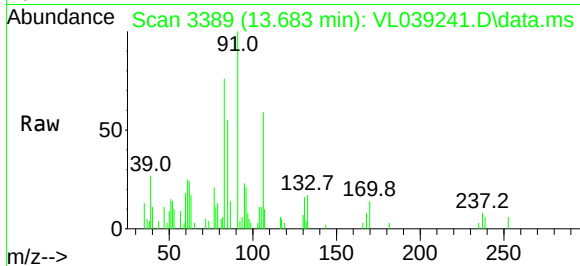
#63
1,1,2,2-Tetrachloroethane
Concen: 0.100 ppbv m
RT: 13.683 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

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

Tgt Ion: 83 Resp: 1301
Ion Ratio Lower Upper
83 100
131 11.7 4.8 14.3
85 0.0 33.0 99.0

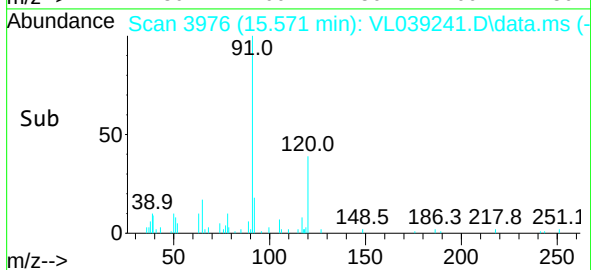
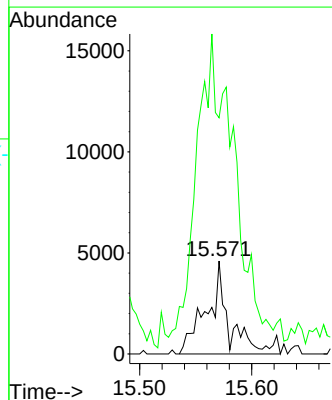
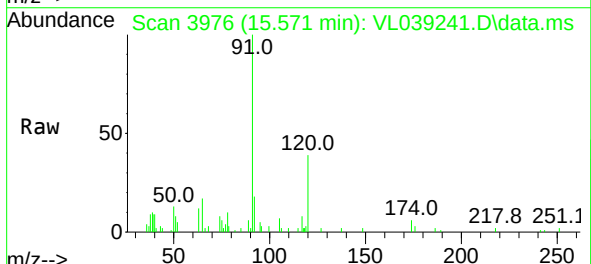
Manual Integrations
APPROVED

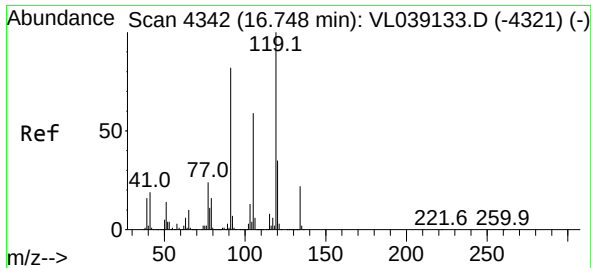
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#64
n-propylbenzene
Concen: 0.078 ppbv m
RT: 15.571 min Scan# 3976
Delta R.T. 0.010 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

Tgt Ion:120 Resp: 6586
Ion Ratio Lower Upper
120 100
91 604.9 388.4 582.6#





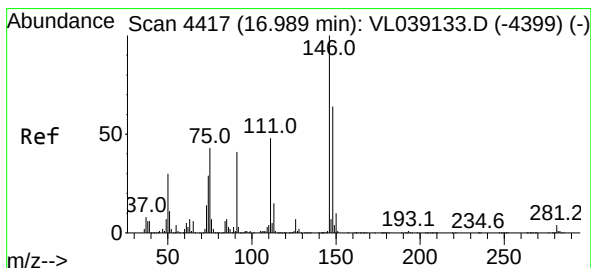
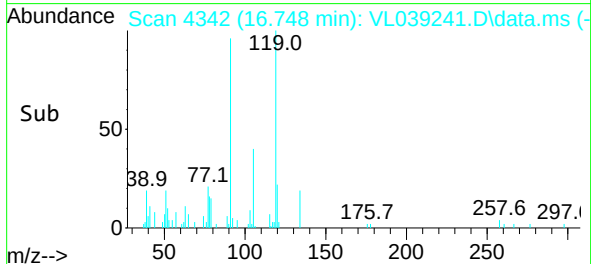
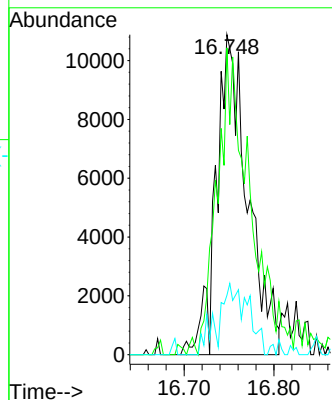
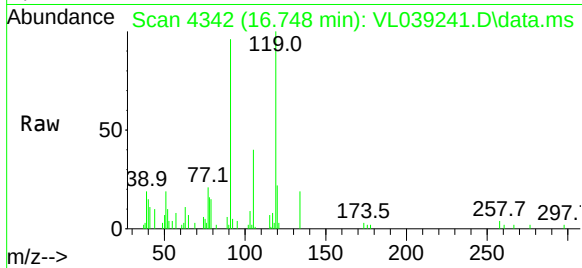
#65
tert-Butylbenzene
Concen: 0.085 ppbv m
RT: 16.748 min Scan# 4342
Delta R.T. 0.000 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

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

Tgt Ion: 119 Resp: 2656
Ion Ratio Lower Upper
119 100
91 106.1 67.1 100.7
134 22.9 15.8 23.8

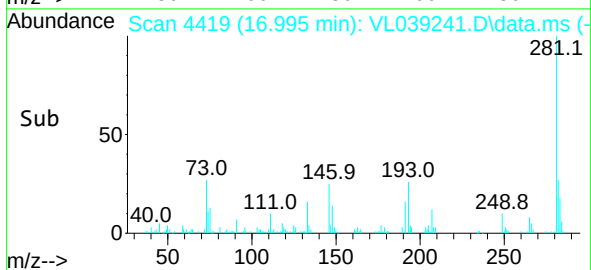
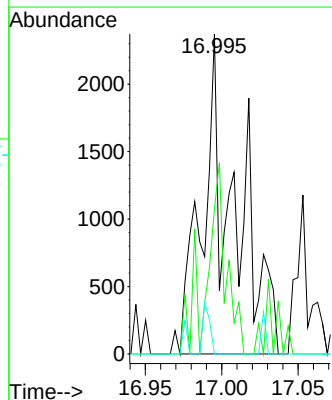
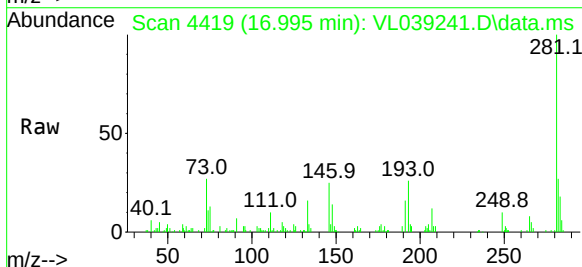
Manual Integrations
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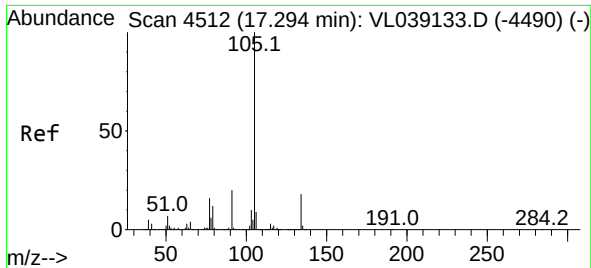
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#66
Benzyl Chloride
Concen: 0.083 ppbv m
RT: 16.995 min Scan# 4419
Delta R.T. 0.006 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

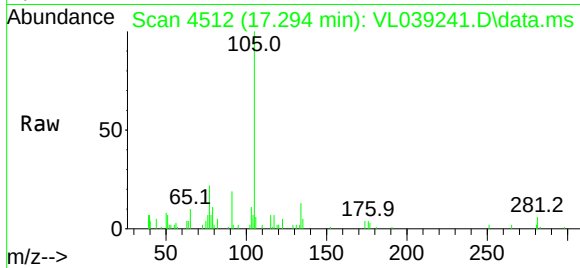
Tgt Ion: 91 Resp: 3391
Ion Ratio Lower Upper
91 100
126 37.4 13.4 20.0
128 5.0 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 0.092 ppbv m
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.000 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03

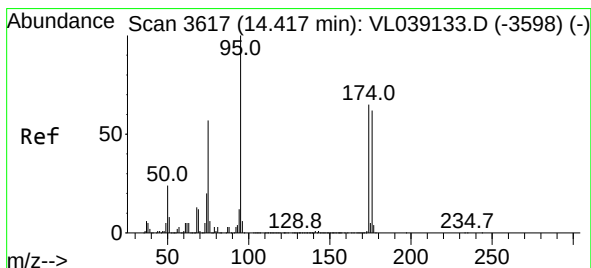
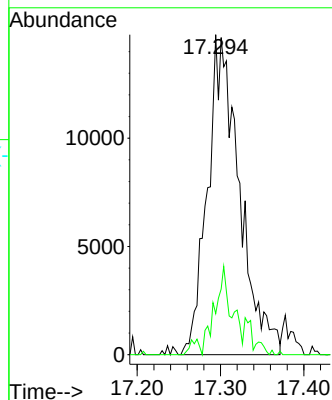
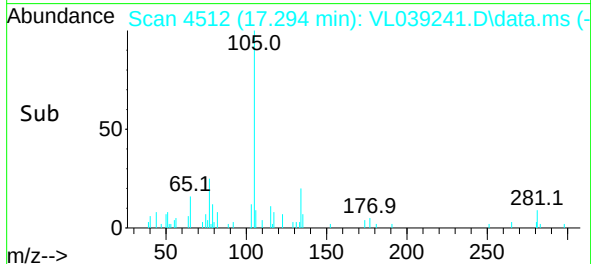
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2022



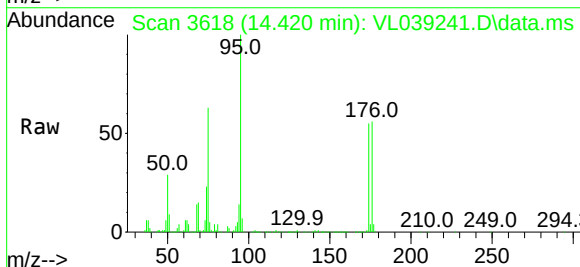
Tgt Ion:105 Resp: 3938
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6

Manual Integrations
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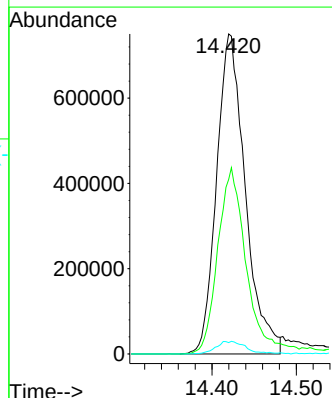
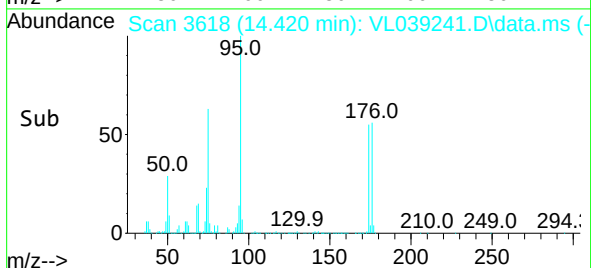
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

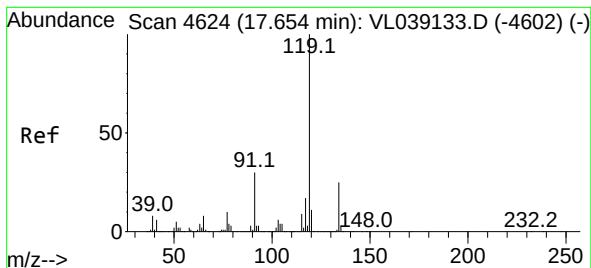


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.565 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.003 min
 Lab File: VL039241.D
 Acq: 8 Jun 2022 19:03



Tgt Ion: 95 Resp: 1772450
 Ion Ratio Lower Upper
 95 100
 174 59.0 53.8 80.8
 175 4.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.071 ppbv m

RT: 17.667 min Scan# 4

Delta R.T. 0.013 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

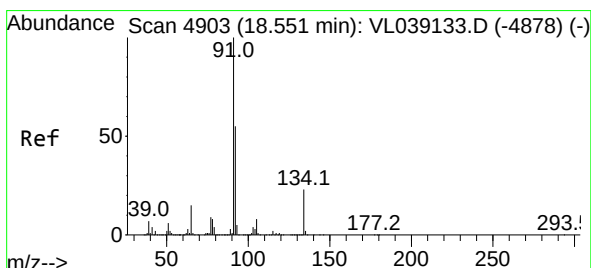
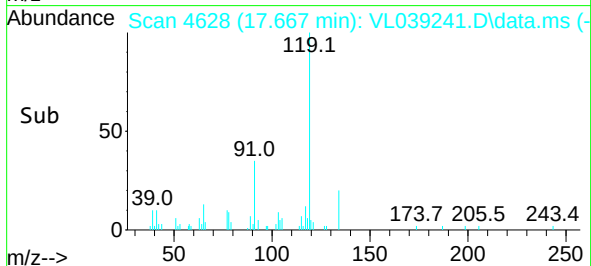
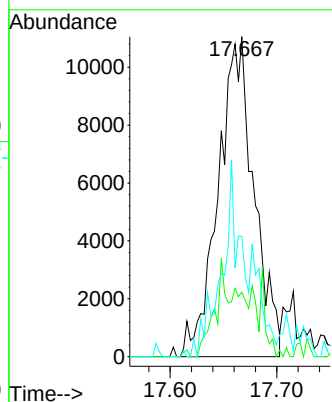
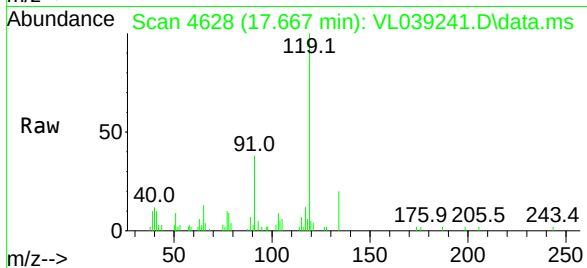
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:	119	Resp:	2576
Ion Ratio	Lower	Upper	
119	100		
134	16.9	20.4	30.6
91	46.4	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70

n-Butylbenzene

Concen: 0.079 ppbv m

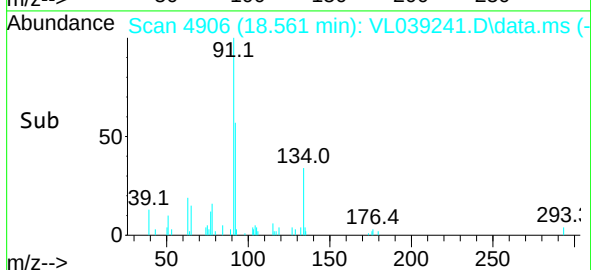
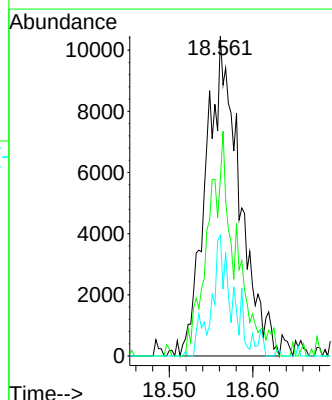
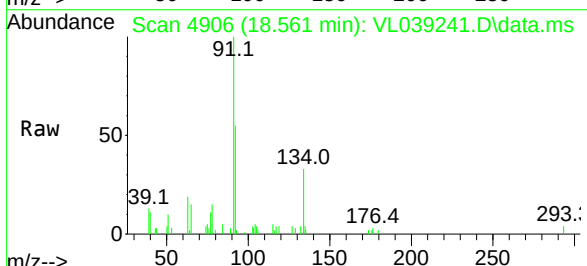
RT: 18.561 min Scan# 4906

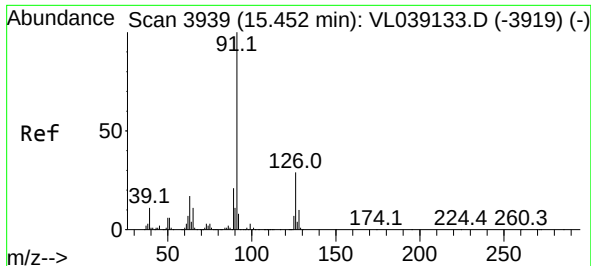
Delta R.T. 0.010 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Tgt Ion:	91	Resp:	29178
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.6	65.4
134	0.0	17.7	26.5





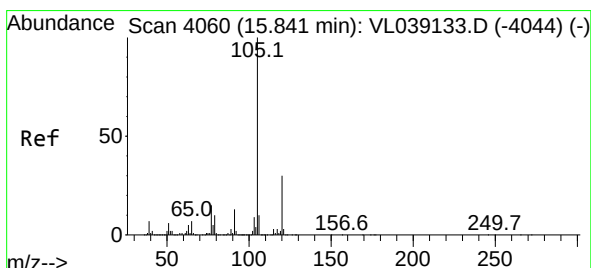
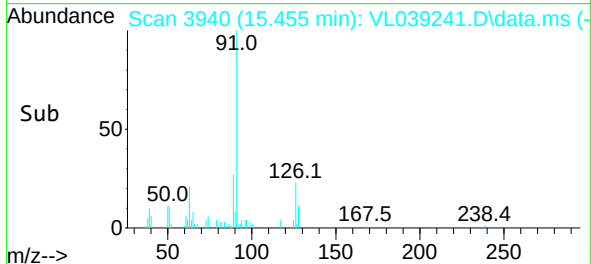
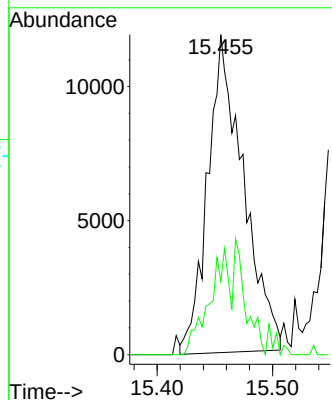
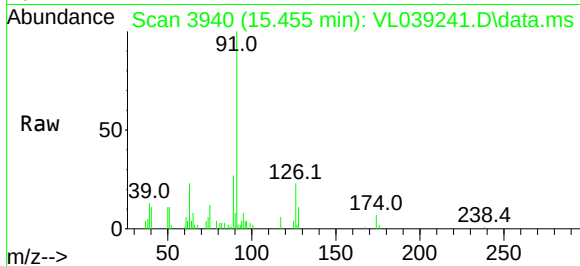
#71
2-Chlorotoluene
Concen: 0.097 ppbv
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

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

Tgt Ion: 91 Resp: 2546
Ion Ratio Lower Upper
91 100
126 33.0 12.2 48.6

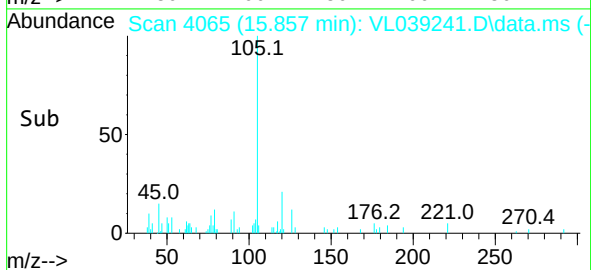
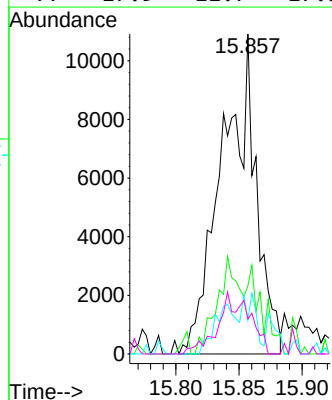
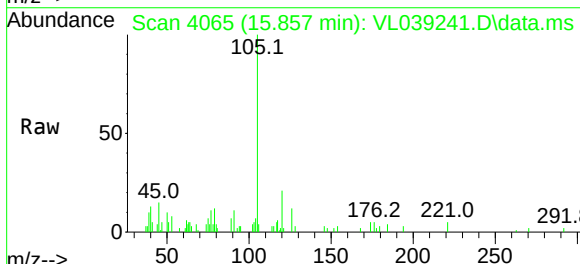
Manual Integrations
APPROVED

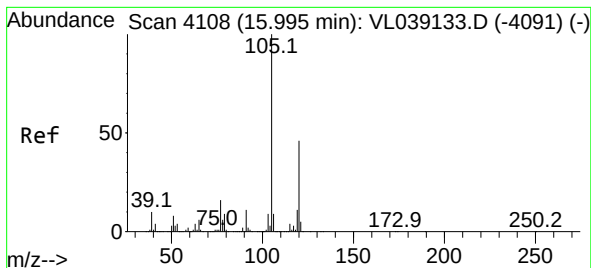
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#72
4-Ethyltoluene
Concen: 0.076 ppbv m
RT: 15.857 min Scan# 4065
Delta R.T. 0.016 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

Tgt Ion:105 Resp: 20639
Ion Ratio Lower Upper
105 100
120 35.9 23.9 35.9
91 0.0 10.6 16.0#
77 17.9 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.088 ppbv m

RT: 16.005 min Scan# 4111

Delta R.T. 0.010 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

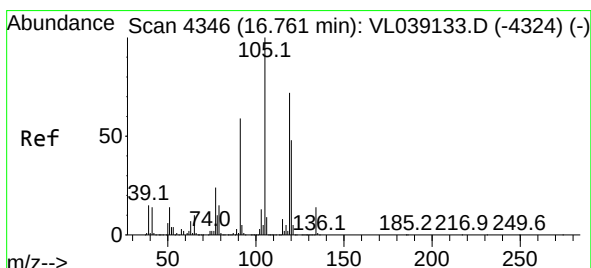
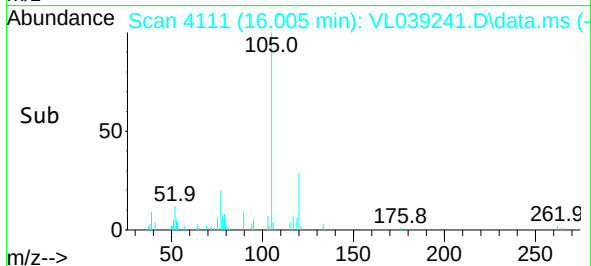
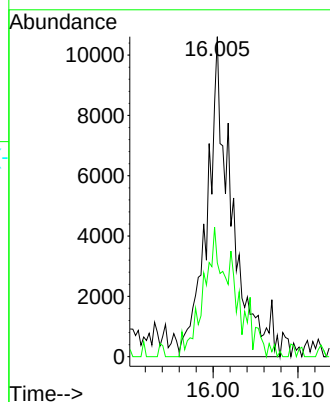
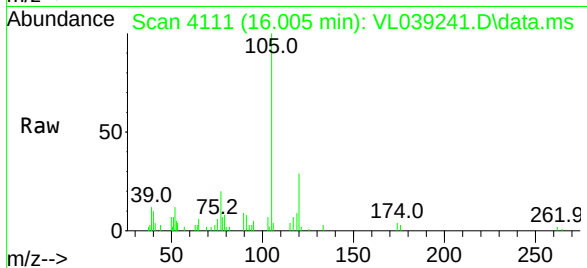
LOD-MDL-AIR-01-QT2-2022

Tgt Ion:105 Resp: 2147
 Ion Ratio Lower Upper
 105 100
 120 29.3 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.096 ppbv m

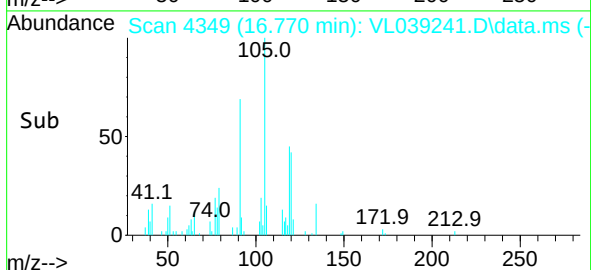
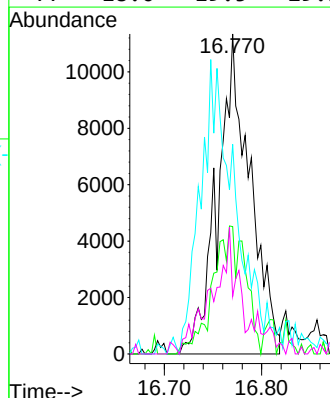
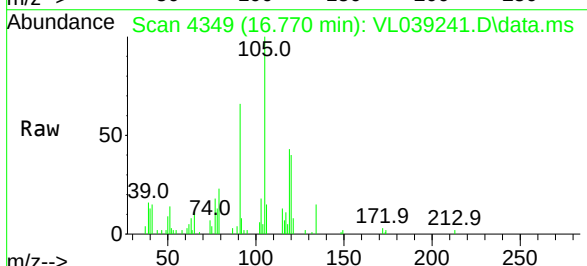
RT: 16.770 min Scan# 4349

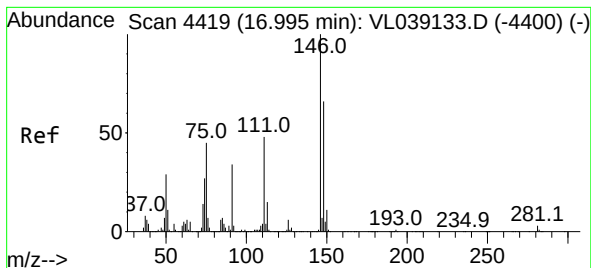
Delta R.T. 0.010 min

Lab File: VL039241.D

Acq: 8 Jun 2022 19:03

Tgt Ion:105 Resp: 26063
 Ion Ratio Lower Upper
 105 100
 120 39.8 38.1 57.1
 91 65.5 47.4 71.0
 77 18.0 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 0.120 ppbv m

RT: 16.995 min Scan# 4419

Delta R.T. 0.000 min

Lab File: VL039241.D

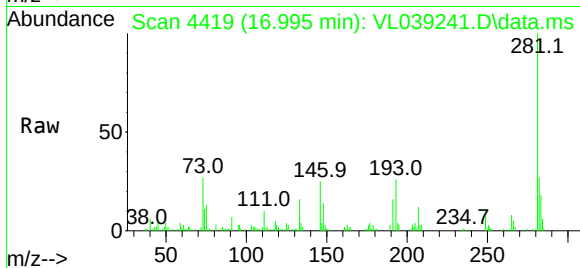
Acq: 8 Jun 2022 19:03

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2022

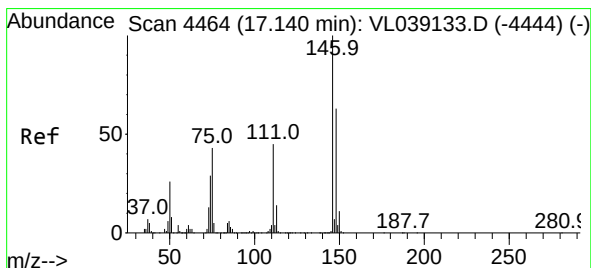
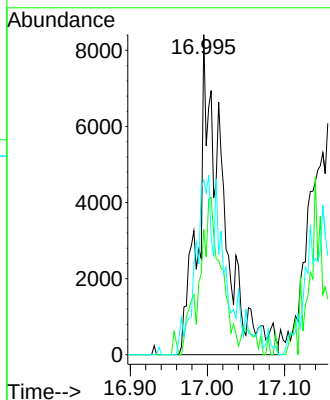
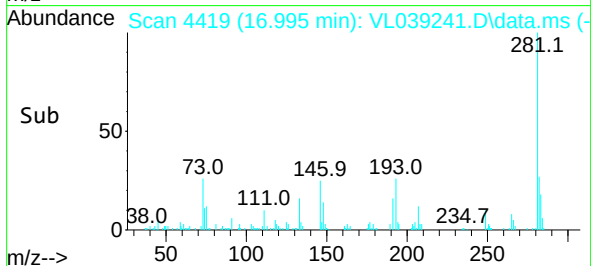


Tgt Ion:146	Resp:	18549
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.8
148	0.0	32.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#76

1,4-Dichlorobenzene

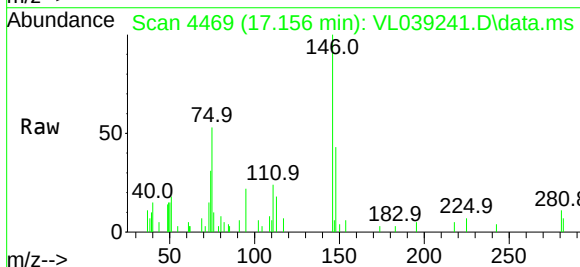
Concen: 0.093 ppbv m

RT: 17.156 min Scan# 4469

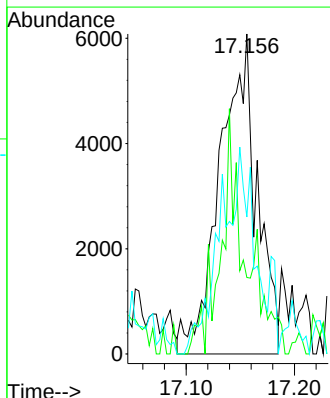
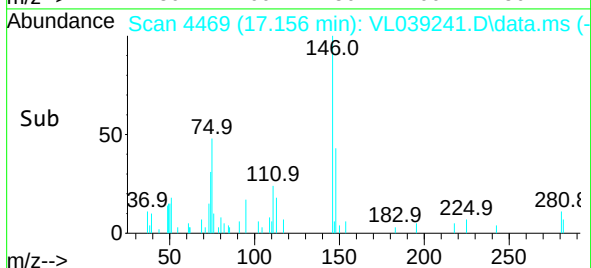
Delta R.T. 0.016 min

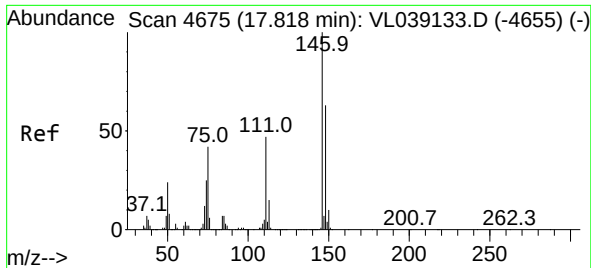
Lab File: VL039241.D

Acq: 8 Jun 2022 19:03



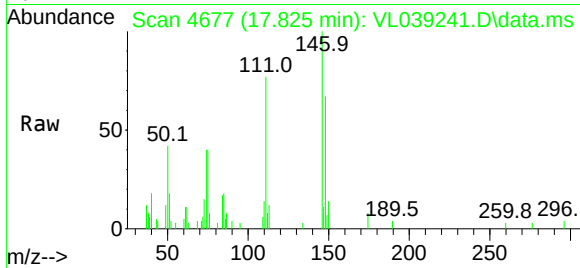
Tgt Ion:146	Resp:	14394
Ion Ratio	Lower	Upper
146	100	
111	51.6	23.6
148	71.2	33.7





#77
1,2-Dichlorobenzene
Concen: 0.102 ppbv m
RT: 17.825 min Scan# 4677
Delta R.T. 0.006 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

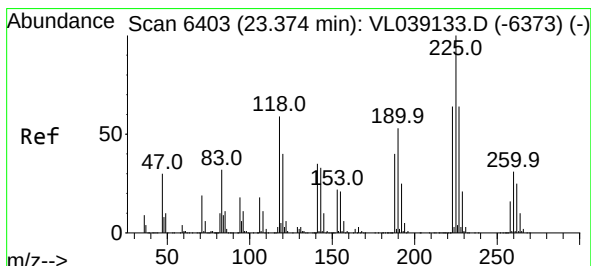
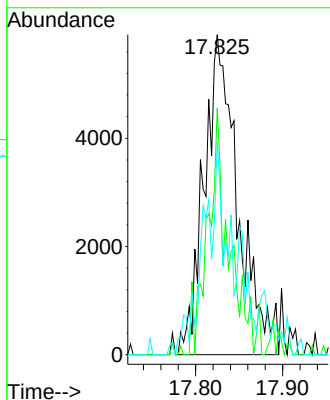
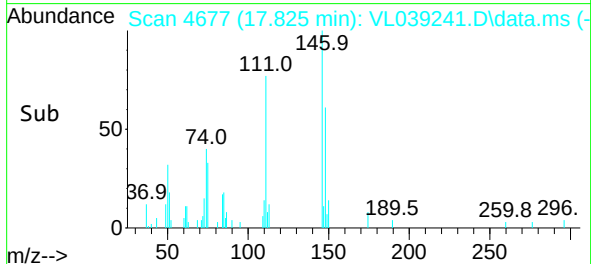
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



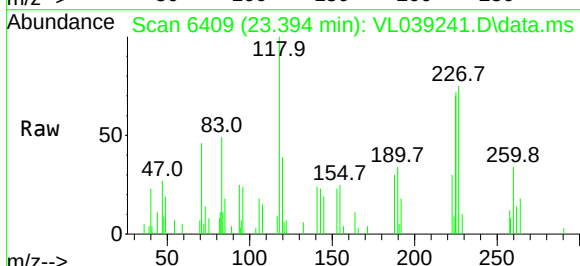
Tgt Ion:146 Resp: 15904
Ion Ratio Lower Upper
146 100
111 48.8 24.4 73.4
148 64.9 32.1 96.5

Manual Integrations
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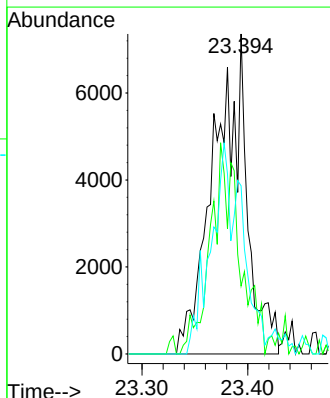
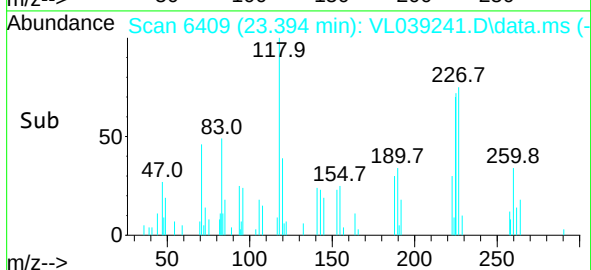
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

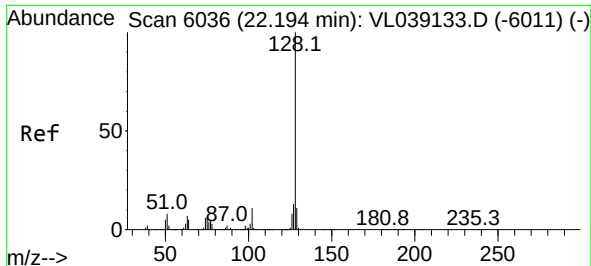


#78
Hexachloro-1,3-Butadiene
Concen: 0.112 ppbv m
RT: 23.394 min Scan# 6409
Delta R.T. 0.019 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



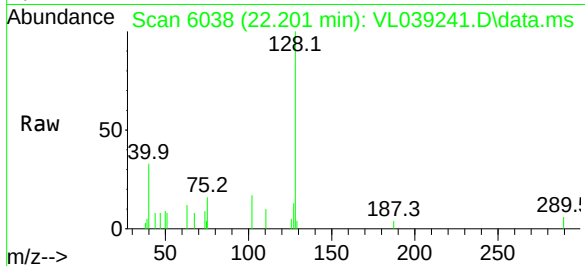
Tgt Ion:225 Resp: 15904
Ion Ratio Lower Upper
225 100
223 60.1 51.4 77.0
227 66.1 50.6 75.8





#79
Naphthalene
Concen: 0.057 ppbv m
RT: 22.201 min Scan# 6038
Delta R.T. 0.006 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03

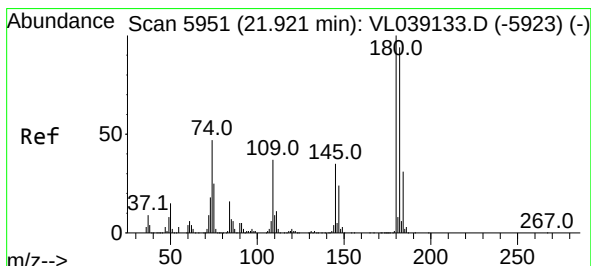
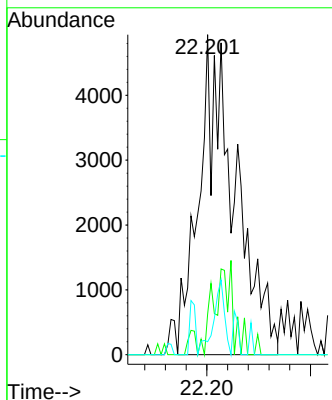
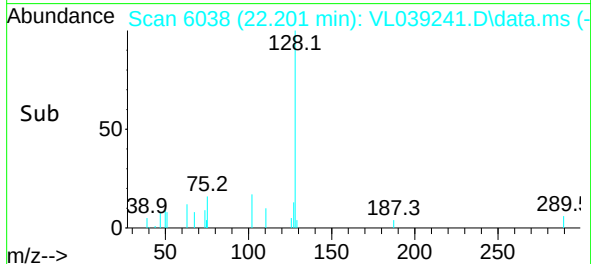
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2022



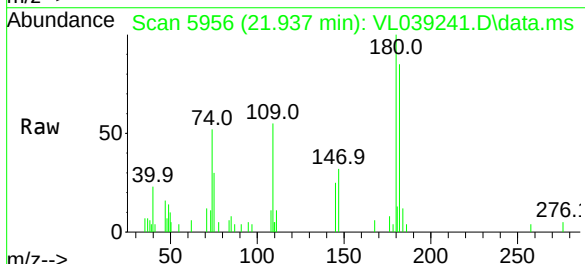
Tgt Ion:128 Resp: 11944
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 4.1 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#81
1,2,4-Trichlorobenzene
Concen: 0.072 ppbv m
RT: 21.937 min Scan# 5956
Delta R.T. 0.016 min
Lab File: VL039241.D
Acq: 8 Jun 2022 19:03



Tgt Ion:180 Resp: 9611
Ion Ratio Lower Upper
180 100
182 0.0 0.0 0.0
184 0.0 0.0 0.0

