

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040540.D
 Acq On : 15 Jul 2023 00:06
 Operator : SY/MD
 Sample : 03572-13 0.4 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 16 23:36:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 18 2023
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	876273	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.648	114	2287594	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2004731	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1642164	10.350	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.729	85	88366	0.504	ppbv	98
3) Chlorodifluoromethane	2.674	51	63605	0.458	ppbv	97
4) Chloromethane	2.809	50	24793	0.451	ppbv #	86
5) Vinyl Chloride	2.918	62	24515	0.424	ppbv #	85
6) Bromomethane	3.121	94	11254m	0.461	ppbv	
7) Chloroethane	3.192	64	9459	0.467	ppbv #	74
8) Dichlorotetrafluoroethane	2.857	85	65815	0.456	ppbv	99
9) Propene	2.693	41	19615	0.413	ppbv	100
10) Heptane	7.577	43	31710m	0.302	ppbv	
11) Trichlorofluoromethane	3.558	101	65920	0.466	ppbv	91
12) 1,1,2-Trichlorotrifluo...	4.063	101	44030	0.442	ppbv	97
13) Ethanol	3.253	45	6159m	0.595	ppbv	
14) Bromoethene	3.365	108	16111	0.376	ppbv #	81
15) Acetone	3.481	43	51422	0.510	ppbv #	88
16) 1,3-Butadiene	2.983	39	21541	0.423	ppbv	97
17) tert-Butyl alcohol	3.890	59	44894	0.430	ppbv	95
18) 1,1-Dichloroethene	3.880	96	18868	0.412	ppbv	81
19) Isopropyl Alcohol	3.594	45	30018	0.518	ppbv #	87
20) Methylene Chloride	3.931	84	22687m	0.529	ppbv	
21) Allyl Chloride	3.992	41	25034m	0.435	ppbv	
22) trans-1,2-Dichloroethene	4.446	96	19835	0.439	ppbv #	81
23) Vinyl Acetate	4.635	43	37805	0.393	ppbv #	96
24) 1,1-Dichloroethane	4.558	63	41378	0.424	ppbv	98
25) Ethyl Acetate	5.211	43	73272	0.382	ppbv	96
26) Hexane	5.208	57	32226	0.361	ppbv #	85
27) Carbon Disulfide	4.124	76	33213	0.317	ppbv #	79
28) Methyl tert-Butyl Ether	4.594	73	30007m	0.418	ppbv	
29) Chloroform	5.269	83	64493	0.436	ppbv	94
30) Cyclohexane	6.597	84	33220m	0.448	ppbv	
31) cis-1,2-Dichloroethene	5.070	61	31170	0.353	ppbv #	91
32) 1,1,1-Trichloroethane	5.996	97	59792m	0.413	ppbv	
34) 2-Butanone	4.793	43	48743m	0.431	ppbv	
35) Carbon Tetrachloride	6.491	117	56423	0.410	ppbv	97
36) Benzene	6.365	78	65038	0.353	ppbv	95
37) 1,2-Dichloroethane	5.809	62	46990m	0.434	ppbv	
38) Trichloroethene	7.285	130	26304m	0.378	ppbv	
39) 1,2-Dichloropropane	7.073	63	25635	0.362	ppbv	88
40) 1,4-Dioxane	7.320	88	9460m	0.427	ppbv	
41) Tetrahydrofuran	5.574	42	20231m	0.307	ppbv	
42) Bromodichloromethane	7.246	83	54852	0.364	ppbv	99
43) Methyl Methacrylate	7.481	69	21145m	0.307	ppbv	
44) 2,2,4-Trimethylpentane	7.323	57	92978	0.314	ppbv #	86
45) t-1,3-Dichloropropene	8.712	75	12044m	0.273	ppbv	

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 Misc : 400mL/MSVOA_L
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Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

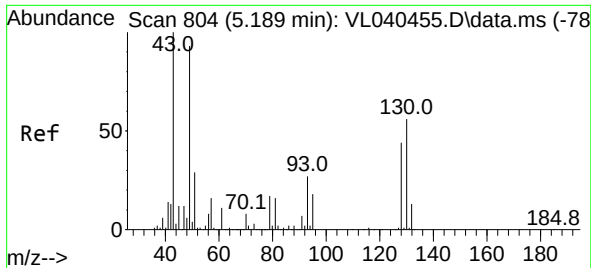
Quant Time: Jul 16 23:36:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

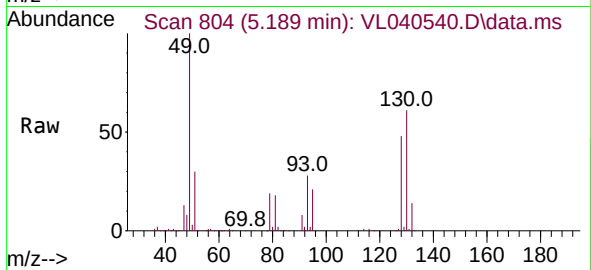
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	14729m	0.260	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	30566m	0.391	ppbv	
48) Dibromochloromethane	9.703	129	37796m	0.313	ppbv	
49) Bromoform	12.410	173	27654m	0.289	ppbv	
50) 4-Methyl-2-Pentanone	8.204	43	49297	0.300	ppbv	97
51) 2-Hexanone	9.571	43	30391m	0.262	ppbv	
52) Tetrachloroethene	10.613	164	21366m	0.358	ppbv	
53) Toluene	9.217	91	52500	0.263	ppbv	97
54) 1,2-Dibromoethane	10.008	107	30443	0.313	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.507	131	36923	0.411	ppbv #	1
57) Chlorobenzene	11.526	112	66372m	0.425	ppbv	
58) Ethyl Benzene	12.089	91	68427m	0.272	ppbv	
59) m/p-Xylene	12.368	91	136377m	0.607	ppbv	
60) o-Xylene	13.060	91	63652	0.298	ppbv	95
61) Styrene	12.902	104	20063m	0.203	ppbv	
62) Isopropylbenzene	14.027	105	109257m	0.341	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	62874	0.420	ppbv	94
64) n-propylbenzene	14.921	120	26758m	0.323	ppbv	
65) tert-Butylbenzene	16.092	119	83245	0.293	ppbv #	78
66) Benzyl Chloride	16.323	91	7358m	0.366	ppbv	
67) sec-Butylbenzene	16.635	105	136409	0.327	ppbv	98
69) p-Isopropyltoluene	16.995	119	101190	0.294	ppbv #	93
70) n-Butylbenzene	17.889	91	118260	0.308	ppbv	97
71) 2-Chlorotoluene	14.796	91	71400	0.289	ppbv	100
72) 4-Ethyltoluene	15.198	105	71914m	0.287	ppbv	
73) 1,3,5-Trimethylbenzene	15.359	105	68597m	0.310	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	86534m	0.336	ppbv	
75) 1,3-Dichlorobenzene	16.333	146	59599m	0.381	ppbv	
76) 1,4-Dichlorobenzene	16.477	146	57326m	0.374	ppbv	
77) 1,2-Dichlorobenzene	17.140	146	55789m	0.373	ppbv	
78) Hexachloro-1,3-Butadiene	22.632	225	55582m	0.396	ppbv	
79) Naphthalene	21.394	128	55355m	0.254	ppbv	
80) Naphthalene,2-methyl-	24.368	142	10767m	0.120	ppbv	
81) 1,2,4-Trichlorobenzene	21.140	180	45313m	0.302	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

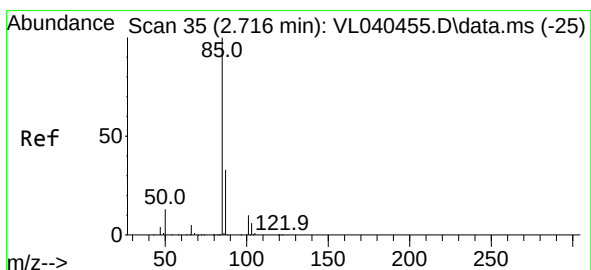
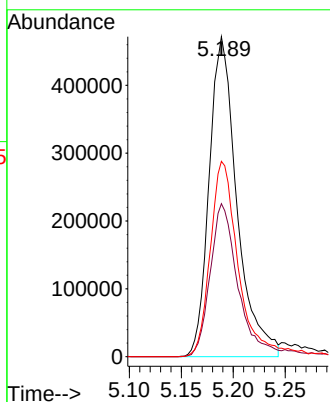
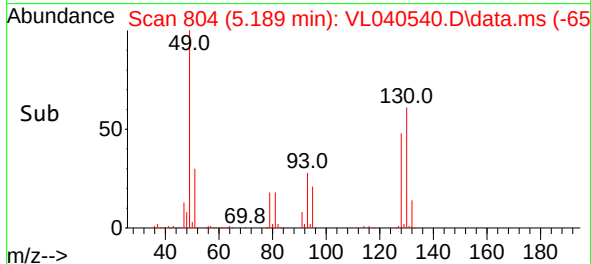
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 49 Resp: 87627
Ion Ratio Lower Upper
49 100
128 51.0 25.1 75.4
130 64.7 31.6 94.7

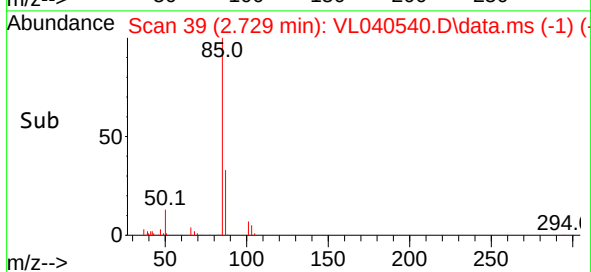
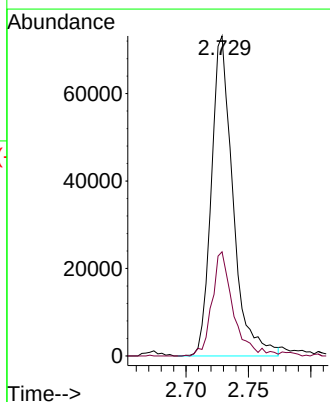
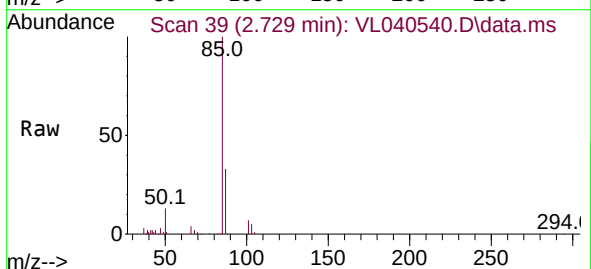
Manual Integrations
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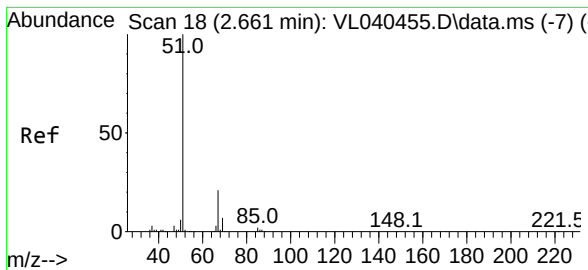
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 0.504 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 85 Resp: 88366
Ion Ratio Lower Upper
85 100
87 32.6 26.8 40.2





#3

Chlorodifluoromethane

Concen: 0.458 ppbv

RT: 2.674 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 51 Resp: 6360

Ion Ratio Lower Upper

51 100

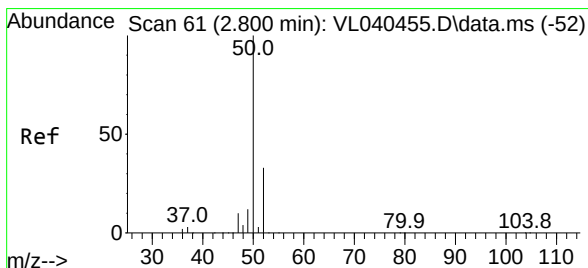
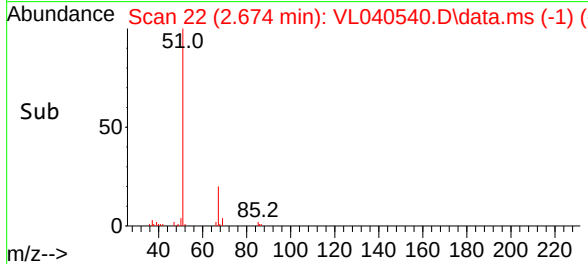
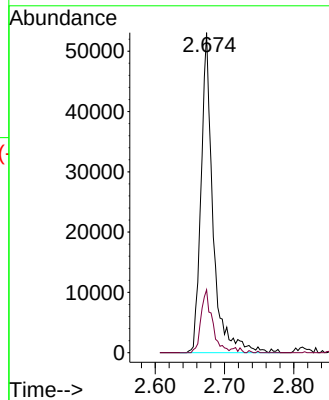
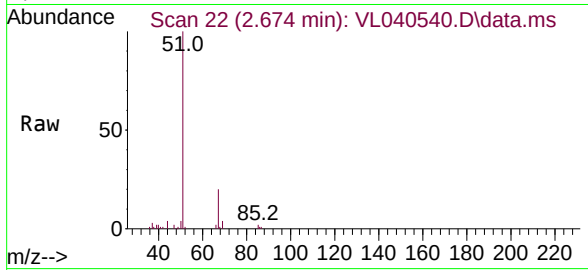
67 19.7 14.6 21.8

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#4

Chloromethane

Concen: 0.451 ppbv

RT: 2.809 min Scan# 64

Delta R.T. -0.013 min

Lab File: VL040540.D

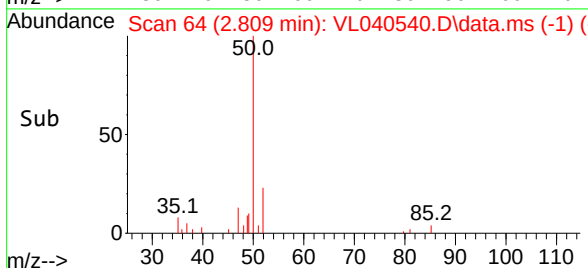
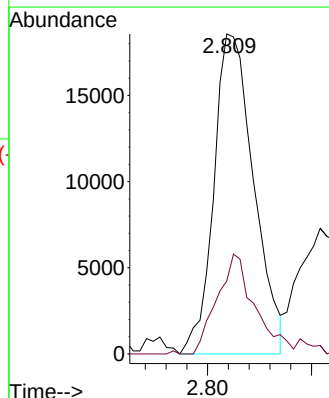
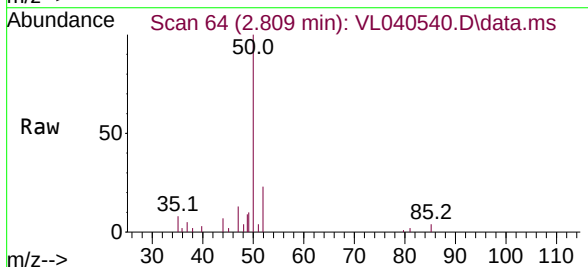
Acq: 15 Jul 2023 00:06

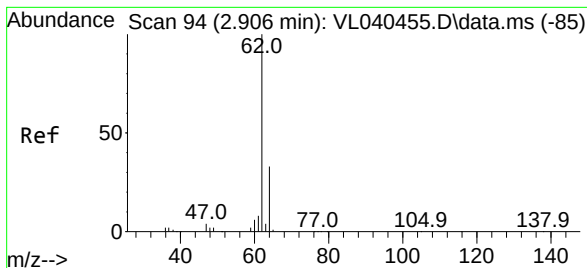
Tgt Ion: 50 Resp: 24793

Ion Ratio Lower Upper

50 100

52 22.8 24.4 36.6#





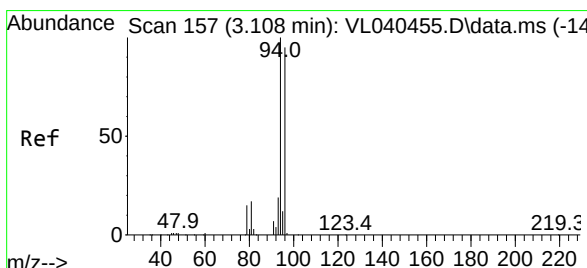
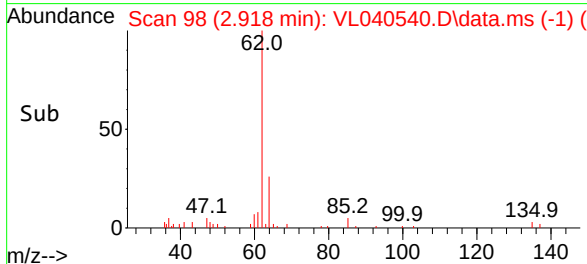
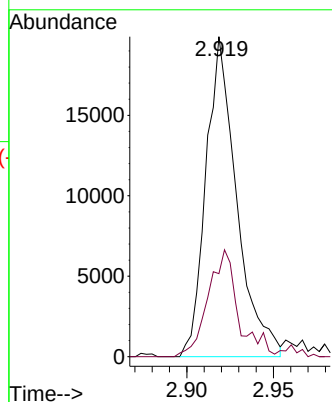
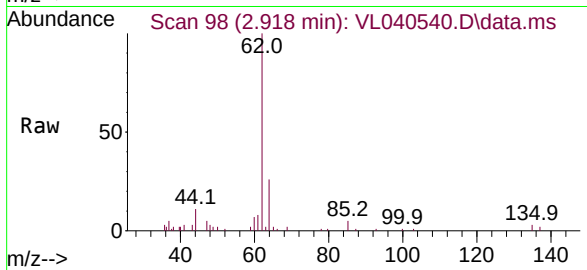
#5
 Vinyl Chloride
 Concen: 0.424 ppbv
 RT: 2.918 min Scan# 94
 Delta R.T. -0.010 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 62 Resp: 2451
 Ion Ratio Lower Upper
 62 100
 64 24.8 26.4 39.6

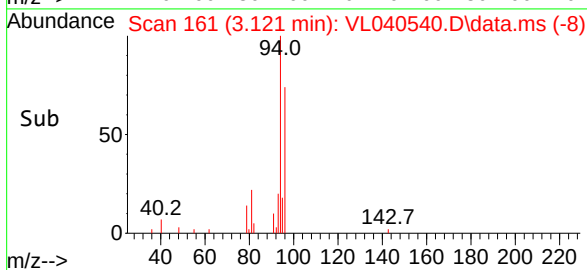
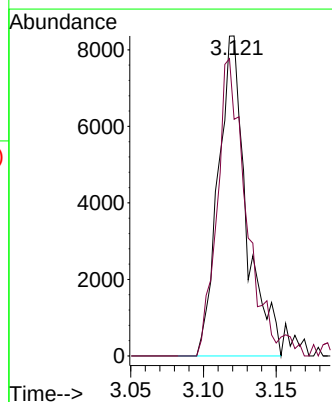
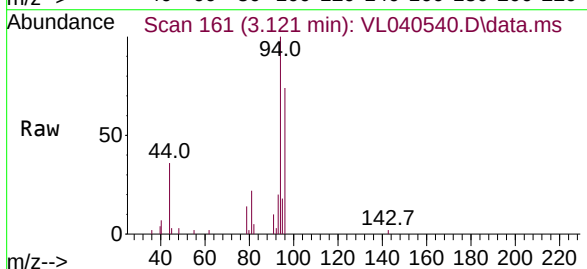
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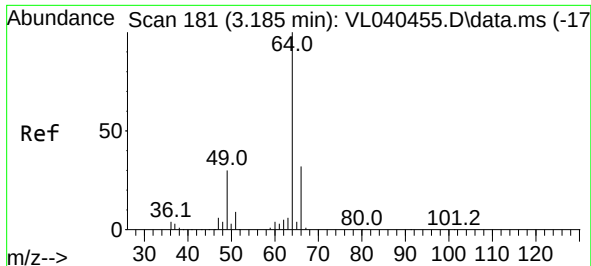
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#6
 Bromomethane
 Concen: 0.461 ppbv m
 RT: 3.121 min Scan# 161
 Delta R.T. -0.007 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

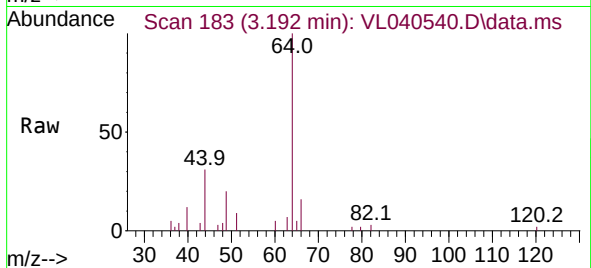
Tgt Ion: 94 Resp: 11254
 Ion Ratio Lower Upper
 94 100
 96 73.9 75.7 113.5





#7
Chloroethane
Concen: 0.467 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

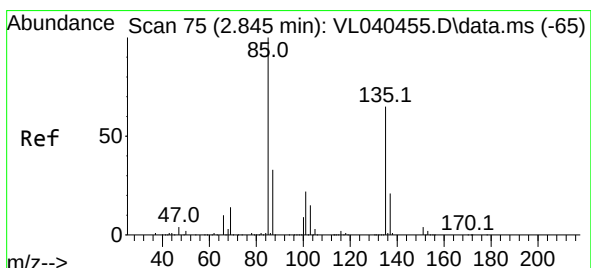
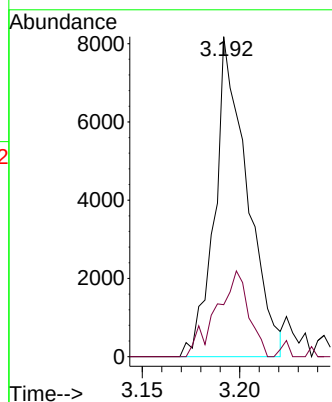
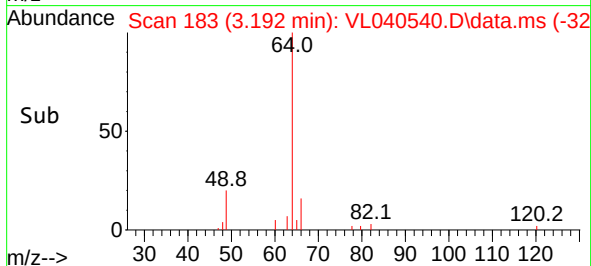
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 64 Resp: 945
Ion Ratio Lower Upper
64 100
66 16.3 24.4 36.6

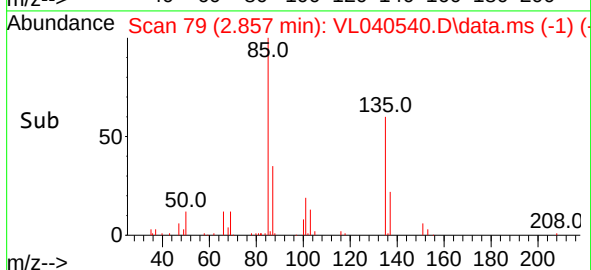
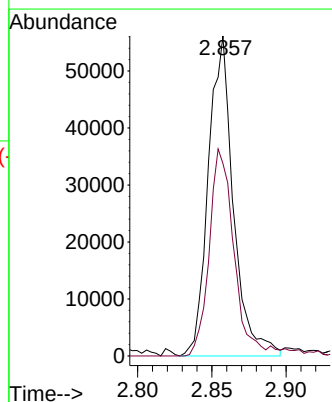
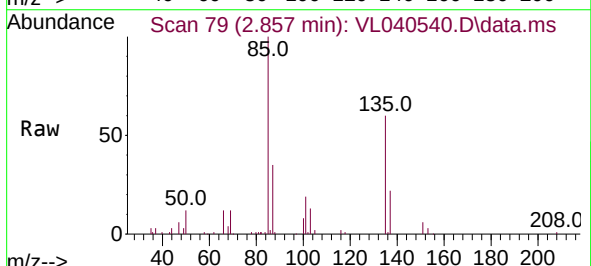
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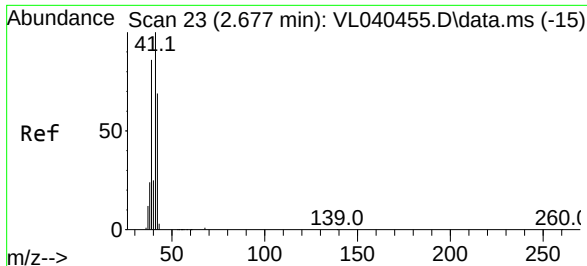
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#8
Dichlorotetrafluoroethane
Concen: 0.456 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

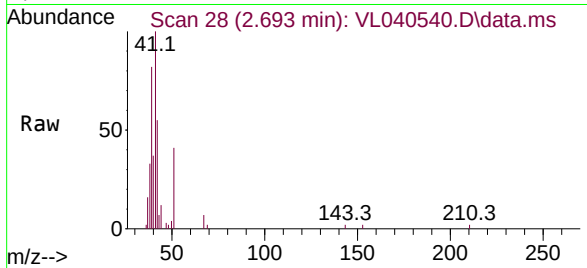
Tgt Ion: 85 Resp: 65815
Ion Ratio Lower Upper
85 100
135 66.4 52.4 78.6





#9
 Propene
 Concen: 0.413 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

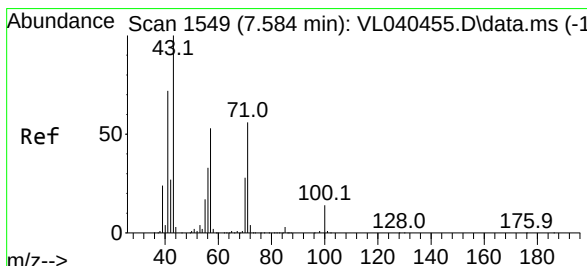
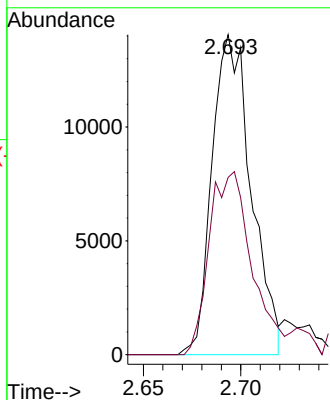
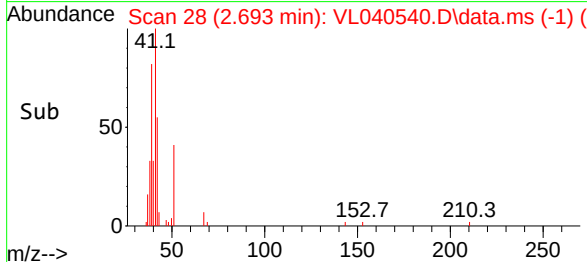
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 41 Resp: 1961
 Ion Ratio Lower Upper
 41 100
 42 68.9 55.0 82.6

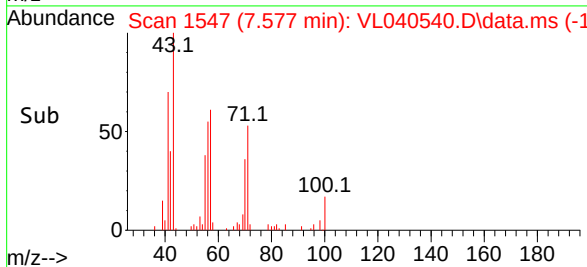
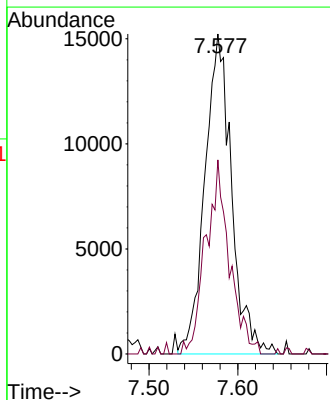
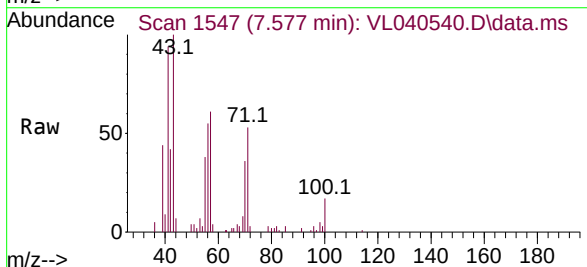
Manual Integrations
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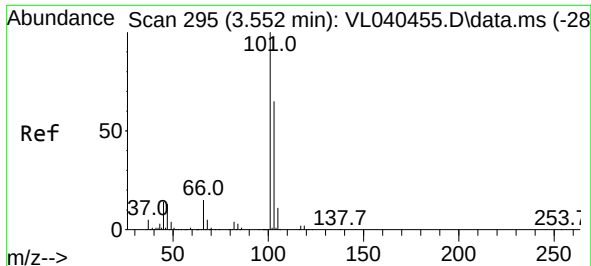
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#10
 Heptane
 Concen: 0.302 ppbv m
 RT: 7.577 min Scan# 1547
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

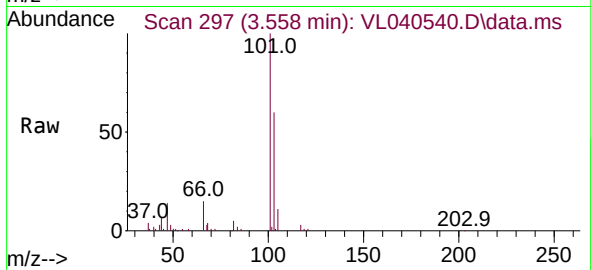
Tgt Ion: 43 Resp: 31710
 Ion Ratio Lower Upper
 43 100
 57 54.0 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 0.466 ppbv
 RT: 3.558 min Scan# 295
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

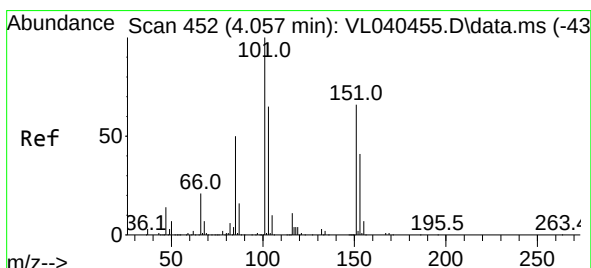
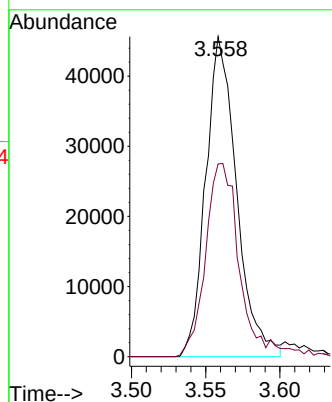
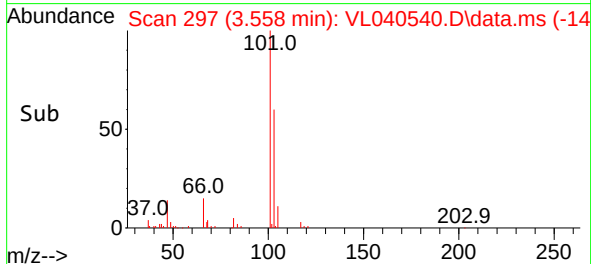
Instrument : MSVOA_L
 ClientSampleId : LOD-MDL-AIR-01-QT3-2023



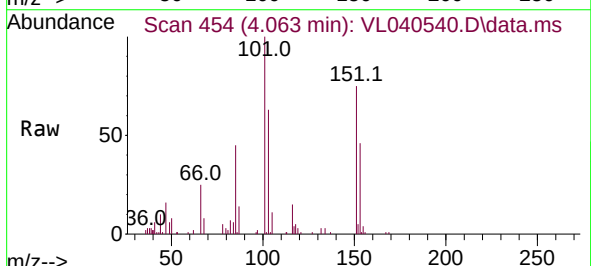
Tgt Ion:101 Resp: 65920
 Ion Ratio Lower Upper
 101 100
 103 59.7 53.4 80.0

Manual Integrations
 APPROVED

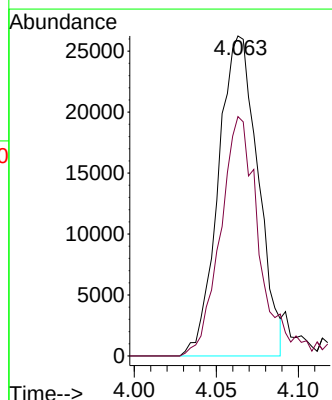
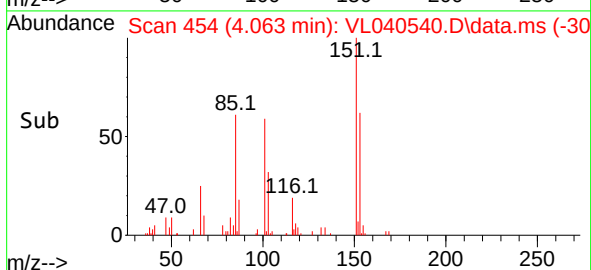
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

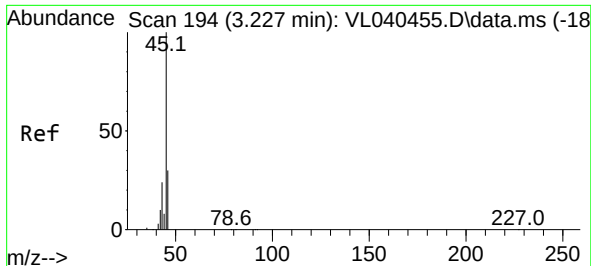


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.442 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. -0.010 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06



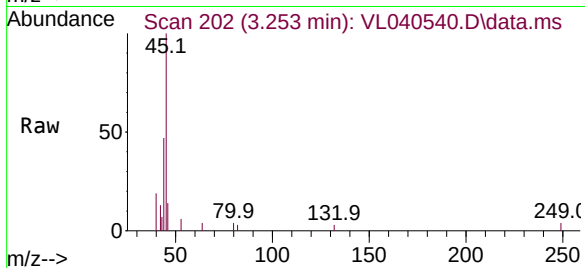
Tgt Ion:101 Resp: 44030
 Ion Ratio Lower Upper
 101 100
 151 75.0 58.2 87.4





#13
Ethanol
Concen: 0.595 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

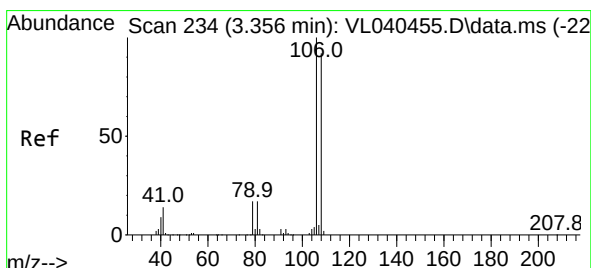
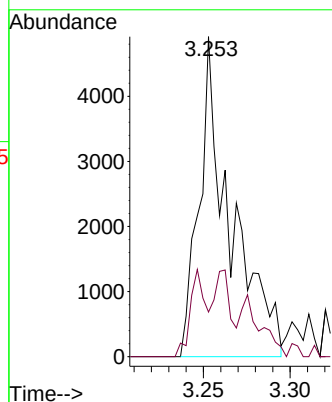
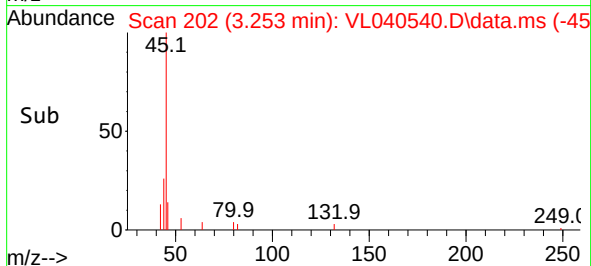
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



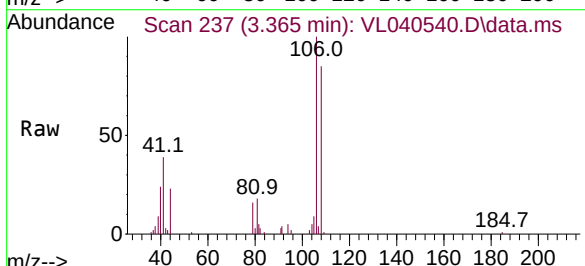
Tgt Ion: 45 Resp: 6159
Ion Ratio Lower Upper
45 100
46 40.7 15.3 61.1

Manual Integrations
APPROVED

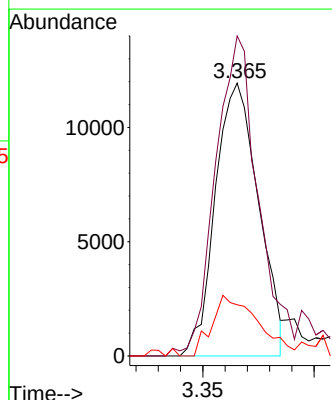
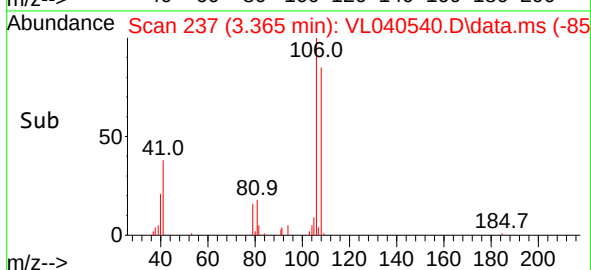
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

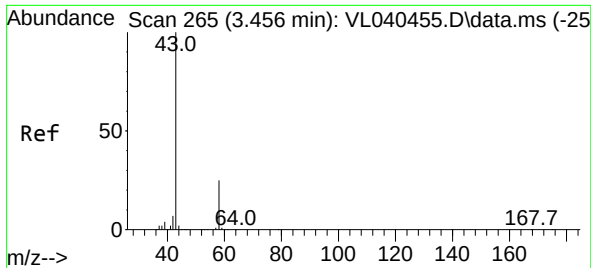


#14
Bromoethene
Concen: 0.376 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06



Tgt Ion:108 Resp: 16111
Ion Ratio Lower Upper
108 100
106 128.8 87.2 130.8
79 28.9 15.3 22.9#





#15

Acetone

Concen: 0.510 ppbv

RT: 3.481 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 43 Resp: 5142

Ion Ratio Lower Upper

43 100

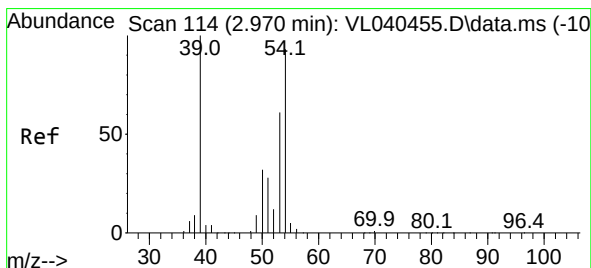
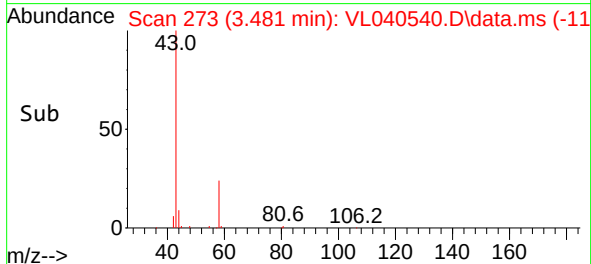
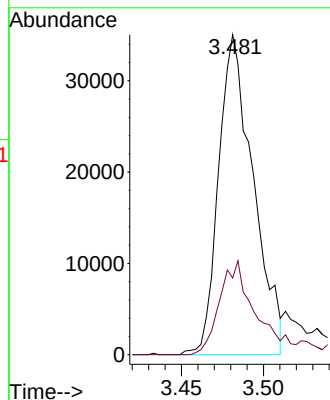
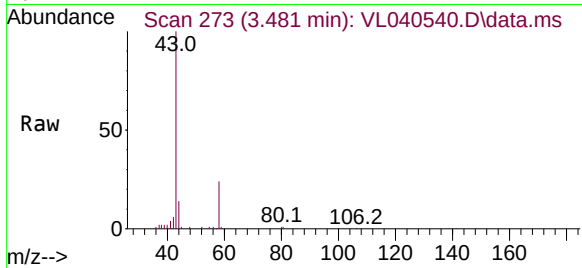
58 34.8 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#16

1,3-Butadiene

Concen: 0.423 ppbv

RT: 2.983 min Scan# 118

Delta R.T. -0.010 min

Lab File: VL040540.D

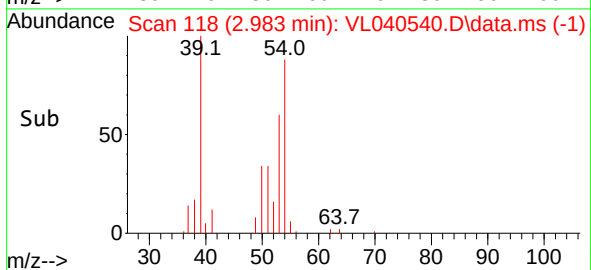
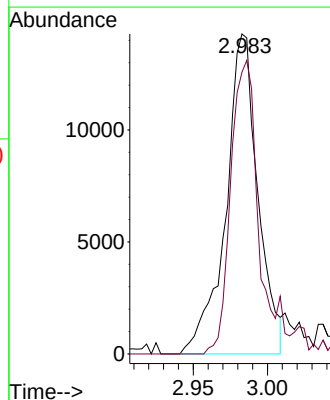
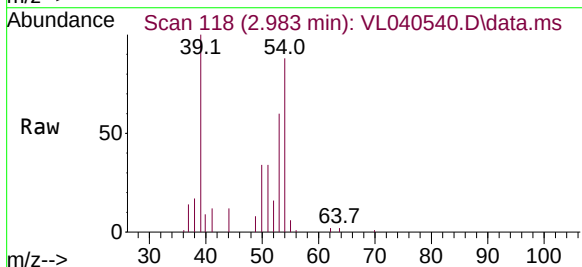
Acq: 15 Jul 2023 00:06

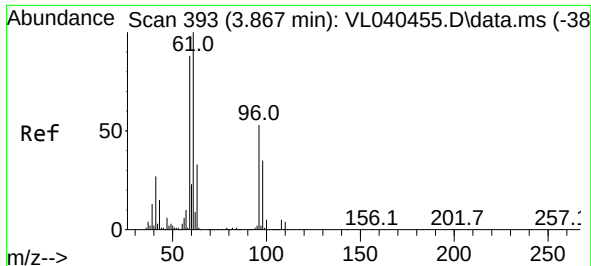
Tgt Ion: 39 Resp: 21541

Ion Ratio Lower Upper

39 100

54 85.6 66.6 100.0





#17

tert-Butyl alcohol

Concen: 0.430 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.006 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

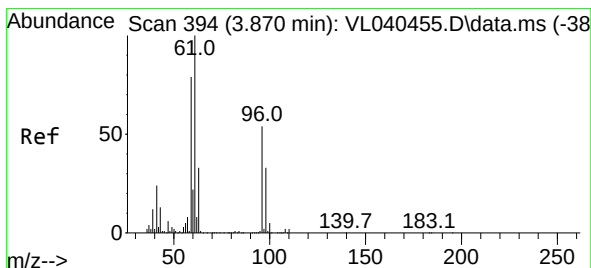
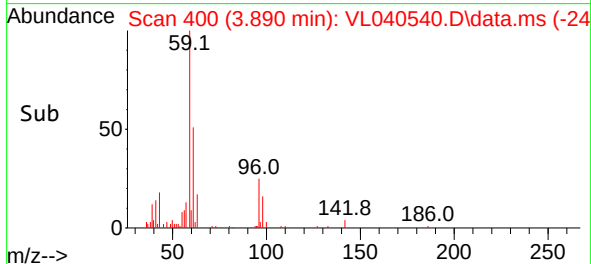
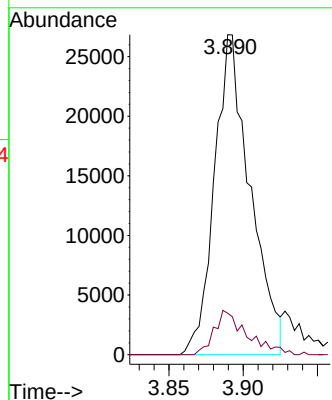
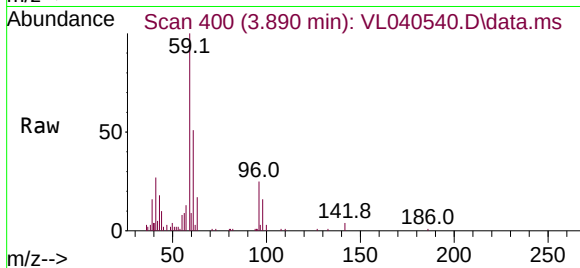
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 59 Resp: 44894
 Ion Ratio Lower Upper
 59 100
 57 12.7 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#18

1,1-Dichloroethene

Concen: 0.412 ppbv

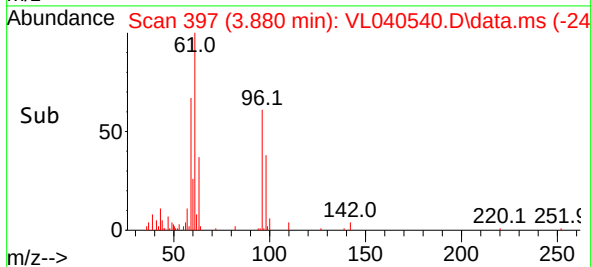
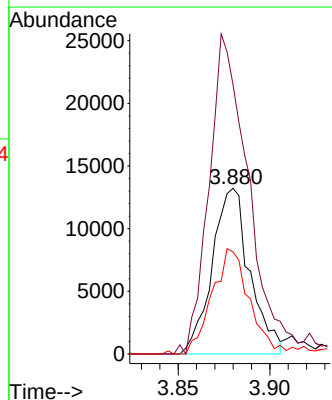
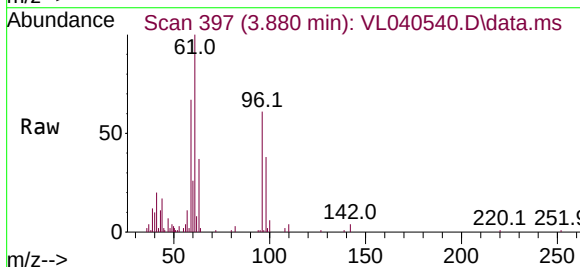
RT: 3.880 min Scan# 397

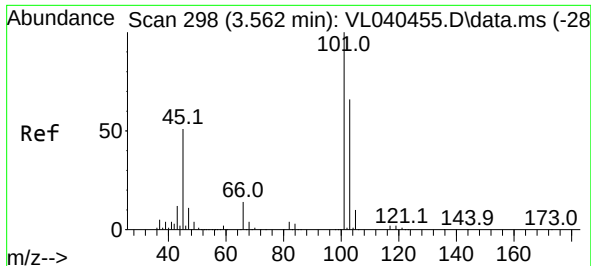
Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion: 96 Resp: 18868
 Ion Ratio Lower Upper
 96 100
 61 157.2 154.4 231.6
 98 61.6 50.0 75.0





#19

Isopropyl Alcohol

Concen: 0.518 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.013 min

Lab File: VL040540.D

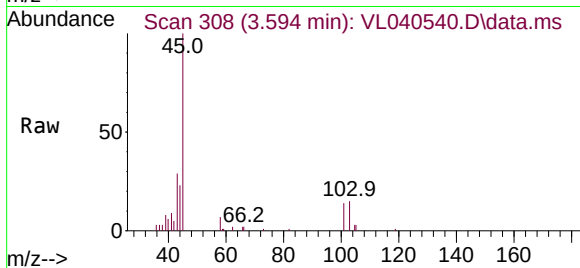
Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



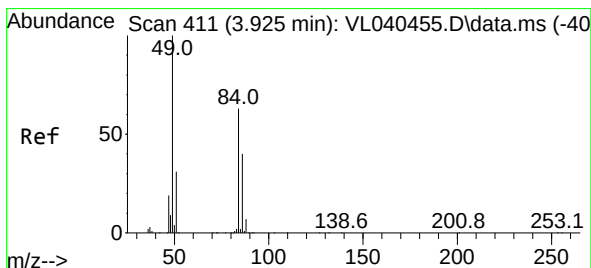
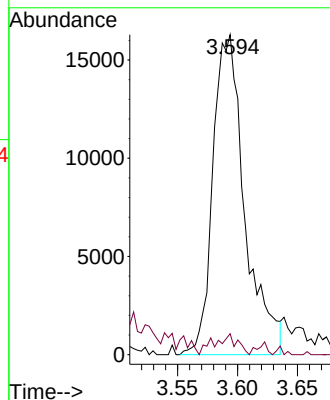
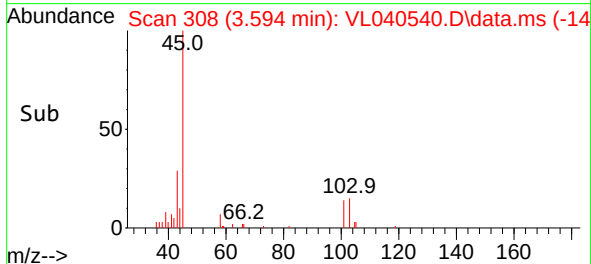
Tgt Ion: 45 Resp: 30018

Ion	Ratio	Lower	Upper
45	100		
58	6.4	1.1	1.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20

Methylene Chloride

Concen: 0.529 ppbv m

RT: 3.931 min Scan# 413

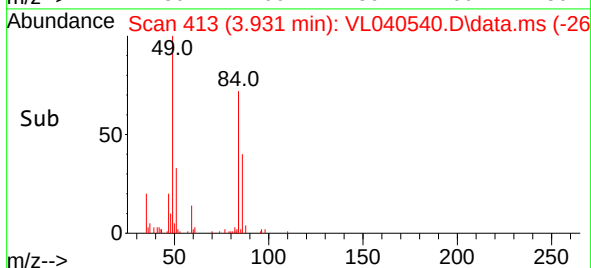
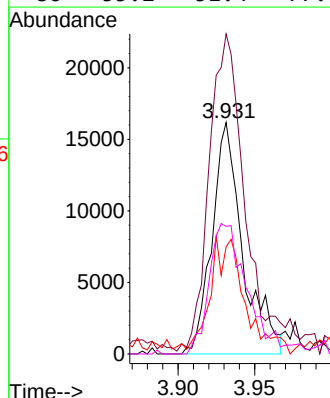
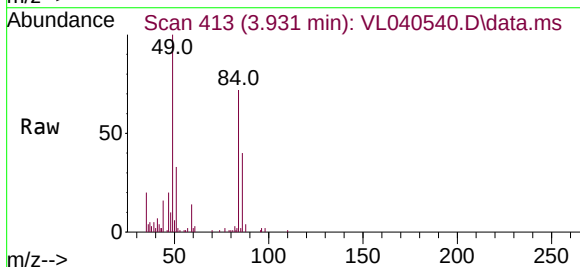
Delta R.T. -0.010 min

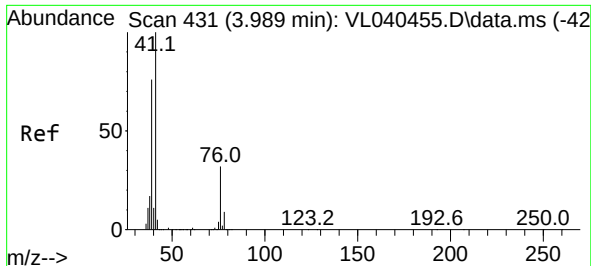
Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion: 84 Resp: 22687

Ion	Ratio	Lower	Upper
84	100		
49	138.2	123.4	185.2
51	46.3	38.3	57.5
86	55.2	51.4	77.0





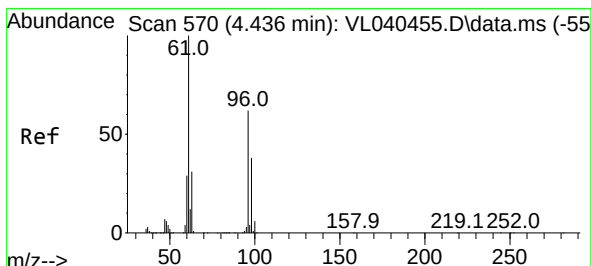
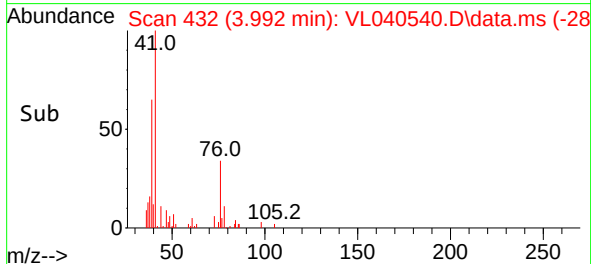
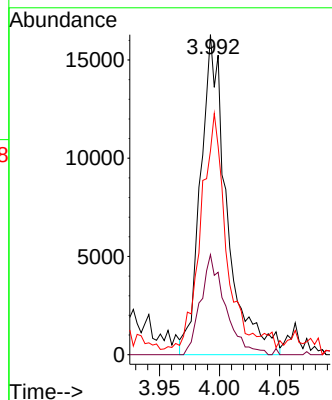
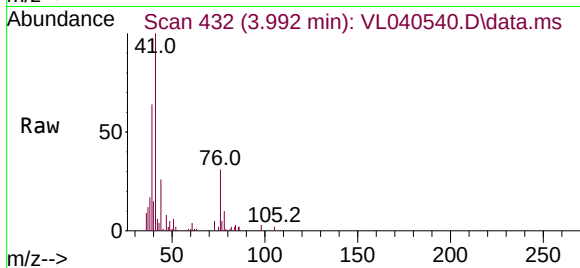
#21
 Allyl Chloride
 Concen: 0.435 ppbv m
 RT: 3.992 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 41 Resp: 25034
 Ion Ratio Lower Upper
 41 100
 76 29.3 24.8 37.2
 39 77.9 60.6 91.0

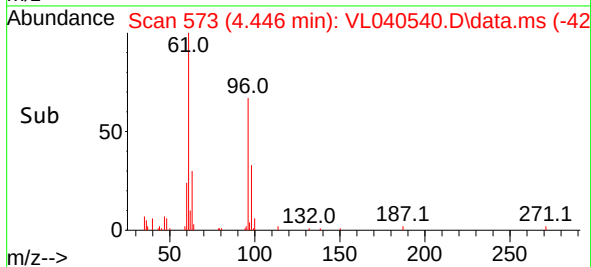
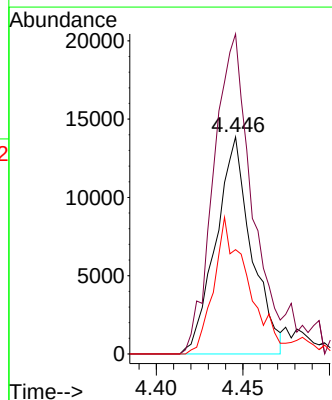
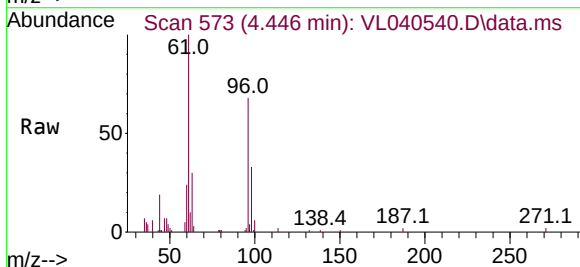
Manual Integrations
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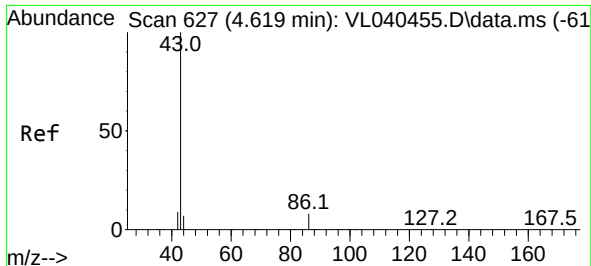
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.439 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. -0.007 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

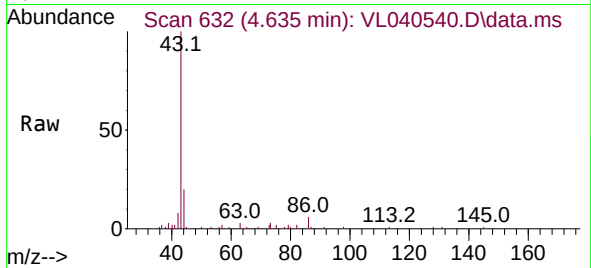
Tgt Ion: 96 Resp: 19835
 Ion Ratio Lower Upper
 96 100
 61 147.5 137.7 206.5
 98 48.1 52.9 79.3#





#23
 Vinyl Acetate
 Concen: 0.393 ppbv
 RT: 4.635 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

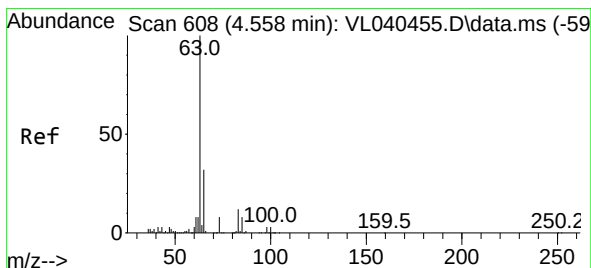
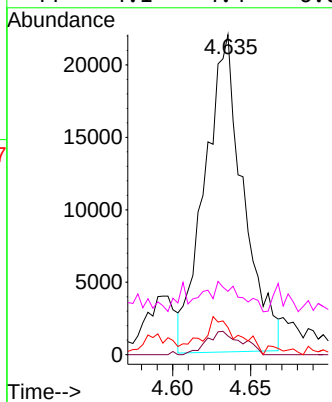
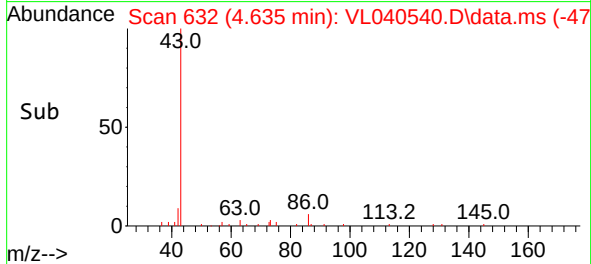
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 3780
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.6 8.4
 42 7.4 7.4 11.2
 44 4.1 4.4 6.6#

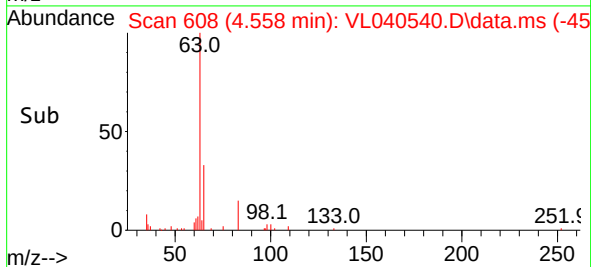
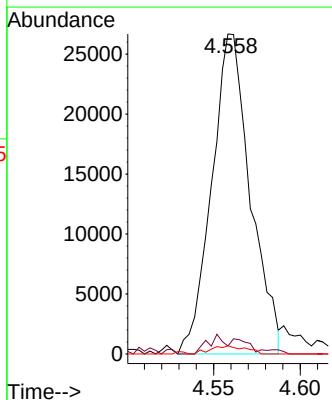
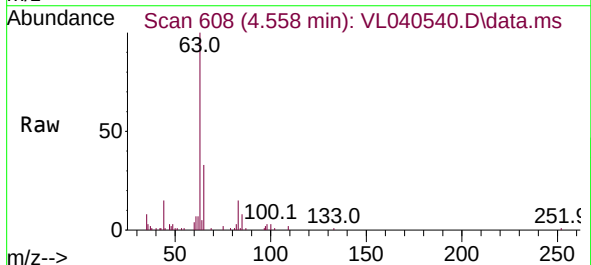
Manual Integrations
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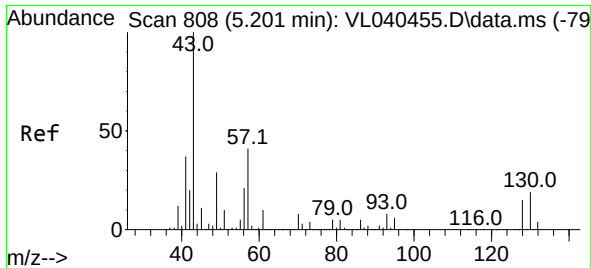
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 0.424 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.013 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

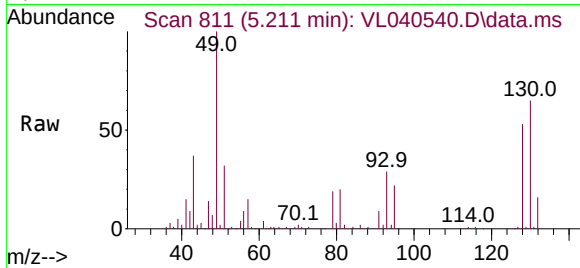
Tgt Ion: 63 Resp: 41378
 Ion Ratio Lower Upper
 63 100
 98 2.5 1.8 5.5
 100 2.6 1.4 4.0





#25
Ethyl Acetate
Concen: 0.382 ppbv
RT: 5.211 min Scan# 811
Delta R.T. -0.000 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

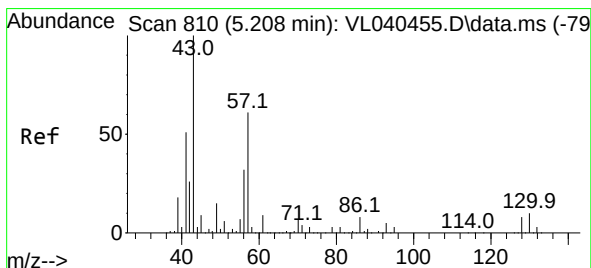
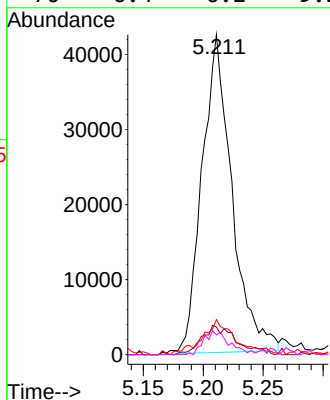
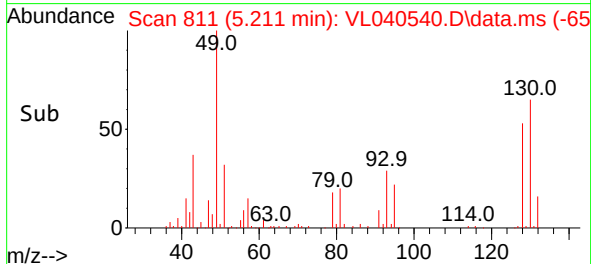
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



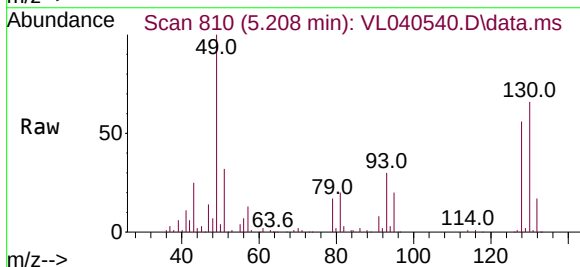
Tgt Ion: 43 Resp: 73272
Ion Ratio Lower Upper
43 100
45 11.2 8.2 12.4
61 12.1 8.3 12.5
70 6.4 6.2 9.2

Manual Integrations
APPROVED

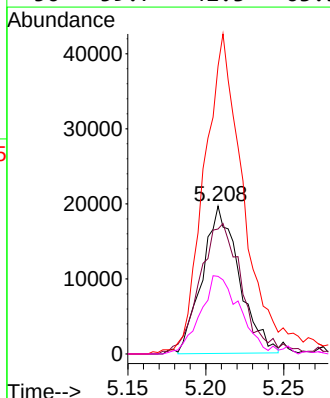
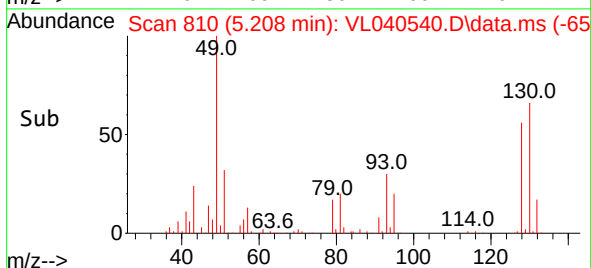
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

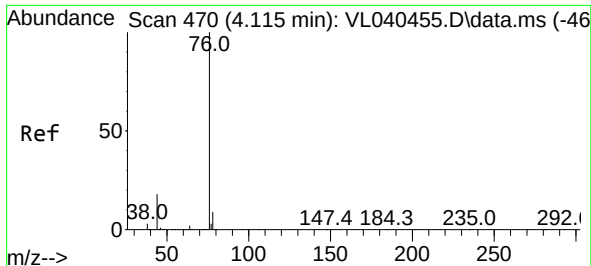


#26
Hexane
Concen: 0.361 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06



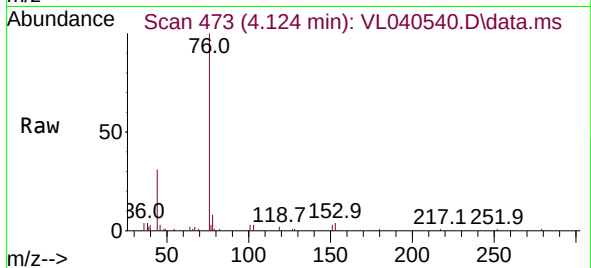
Tgt Ion: 57 Resp: 32226
Ion Ratio Lower Upper
57 100
41 106.0 69.5 104.3#
43 245.3 177.1 265.7
56 59.7 42.3 63.5





#27
Carbon Disulfide
Concen: 0.317 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.007 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

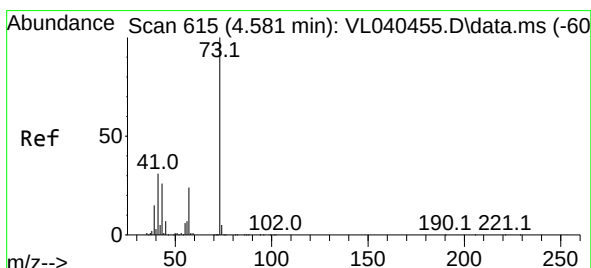
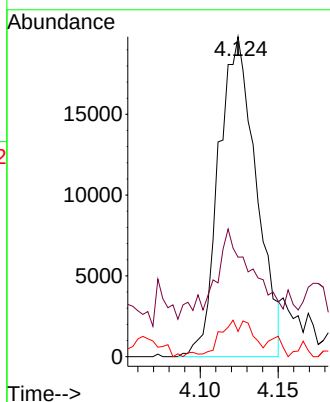
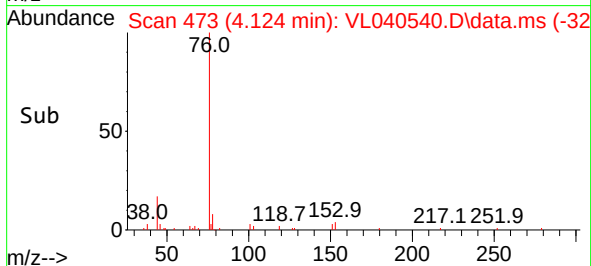
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 76 Resp: 3321
Ion Ratio Lower Upper
76 100
44 30.8 15.1 22.7
78 13.5 7.5 11.3

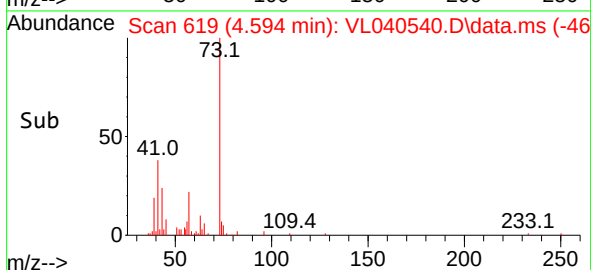
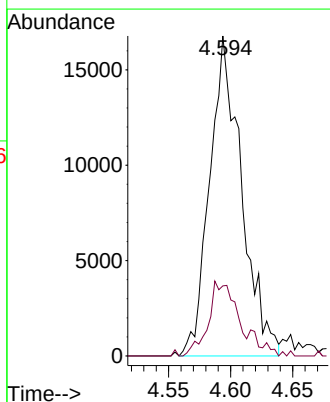
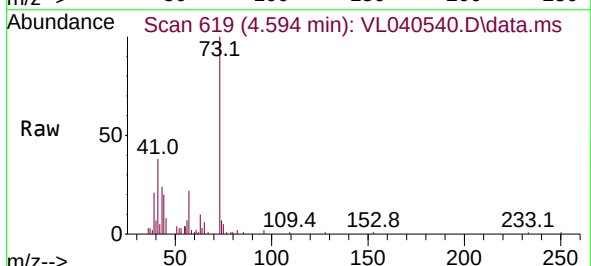
Manual Integrations
APPROVED

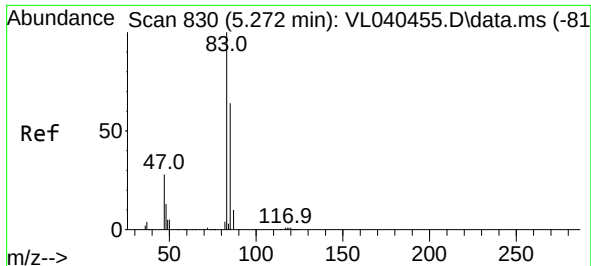
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#28
Methyl tert-Butyl Ether
Concen: 0.418 ppbv m
RT: 4.594 min Scan# 619
Delta R.T. -0.000 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 73 Resp: 30007
Ion Ratio Lower Upper
73 100
57 23.7 18.8 28.2





#29

Chloroform

Concen: 0.436 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.016 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 83 Resp: 6449

Ion Ratio Lower Upper

83 100

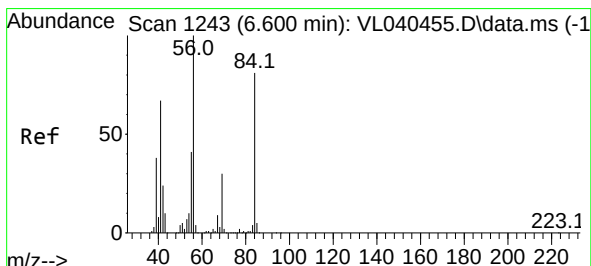
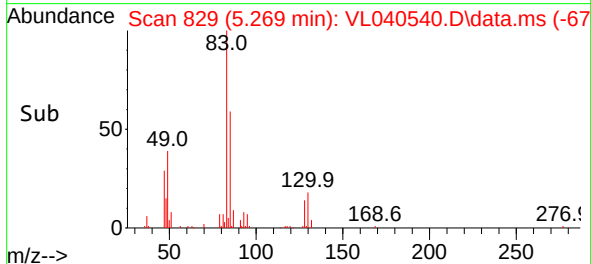
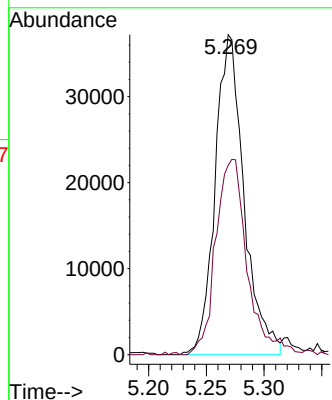
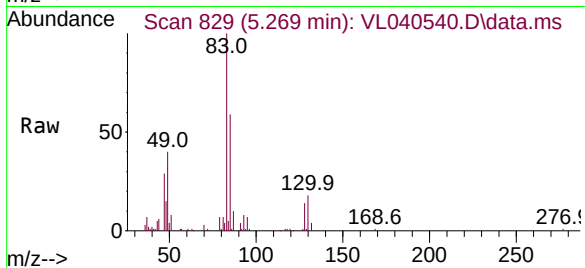
85 59.2 51.1 76.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Cyclohexane

Concen: 0.448 ppbv m

RT: 6.597 min Scan# 1242

Delta R.T. -0.013 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

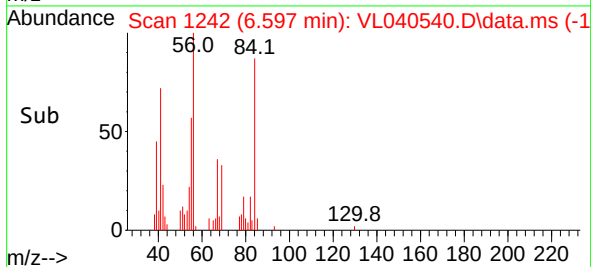
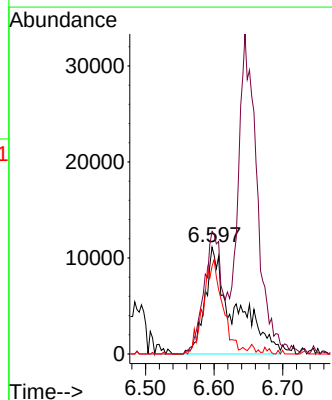
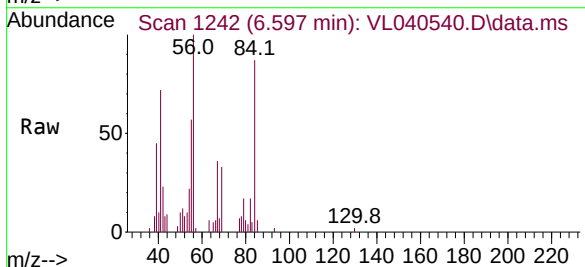
Tgt Ion: 84 Resp: 33220

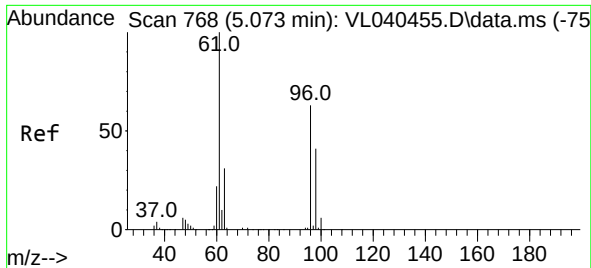
Ion Ratio Lower Upper

84 100

56 67.3 108.7 163.1#

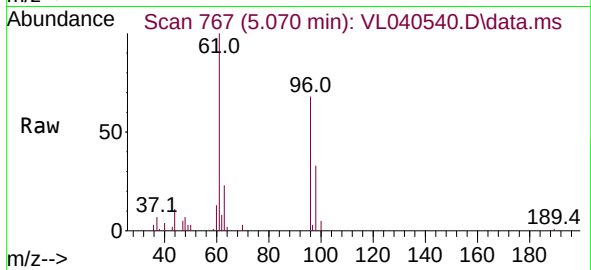
41 58.2 64.5 96.7#





#31
 cis-1,2-Dichloroethene
 Concen: 0.353 ppbv
 RT: 5.070 min Scan# 768
 Delta R.T. -0.016 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

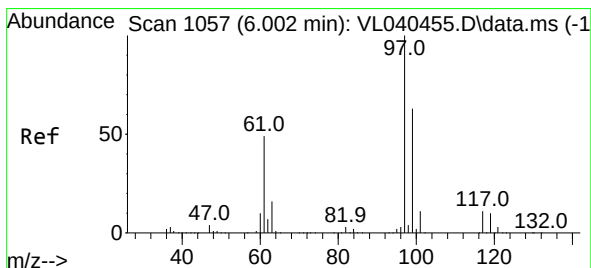
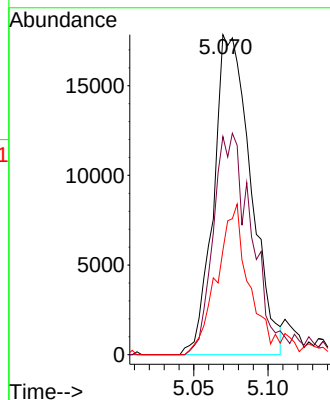
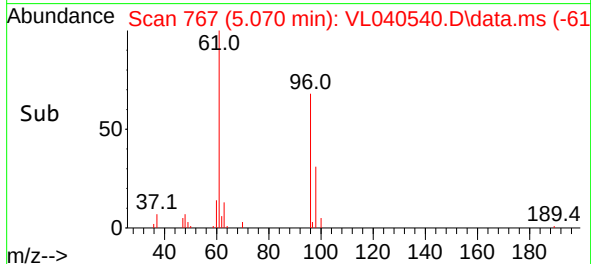
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 61 Resp: 31170
 Ion Ratio Lower Upper
 61 100
 96 71.2 54.7 82.1
 98 32.6 34.6 52.0

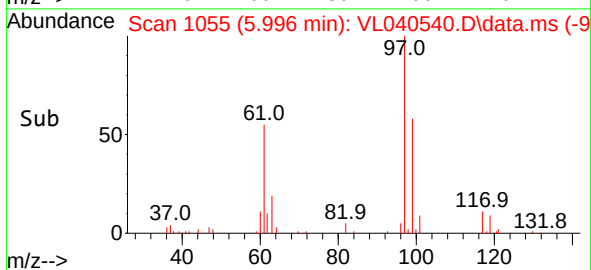
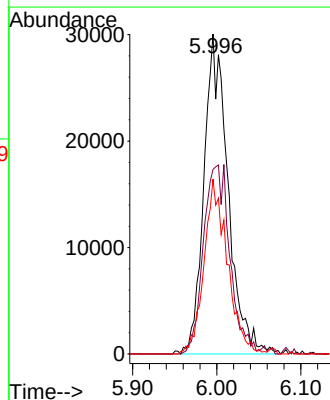
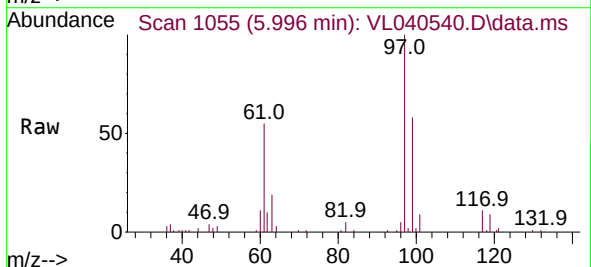
Manual Integrations
 APPROVED

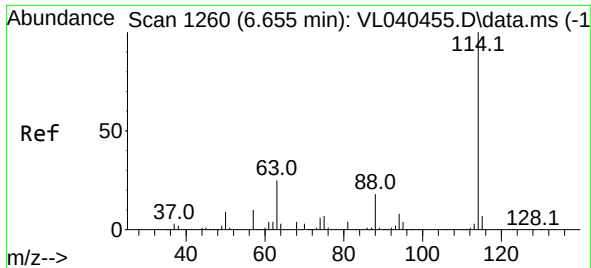
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.413 ppbv m
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040540.D
 Acq: 15 Jul 2023 00:06

Tgt Ion: 97 Resp: 59792
 Ion Ratio Lower Upper
 97 100
 99 0.0 52.0 78.0#
 61 53.5 38.9 58.3





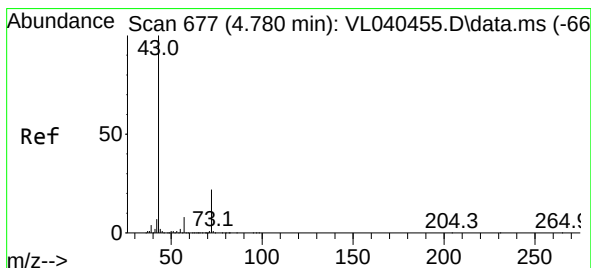
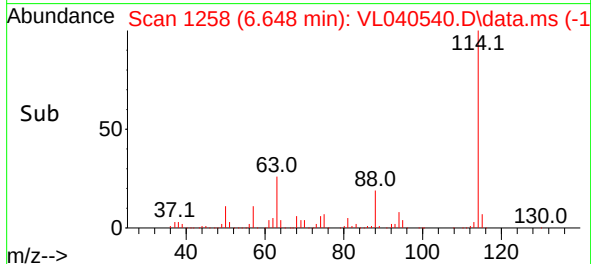
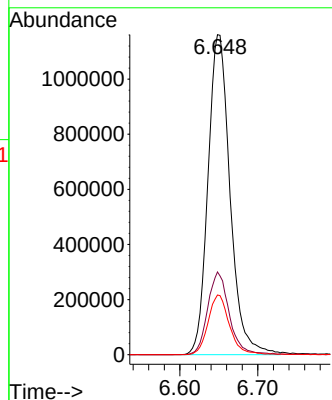
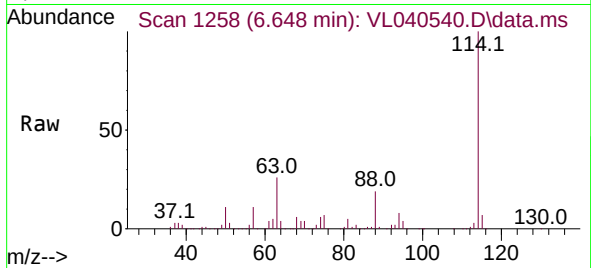
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

Tgt Ion:114 Resp: 2287594
Ion Ratio Lower Upper
114 100
63 25.4 19.6 29.4
88 18.2 14.2 21.2

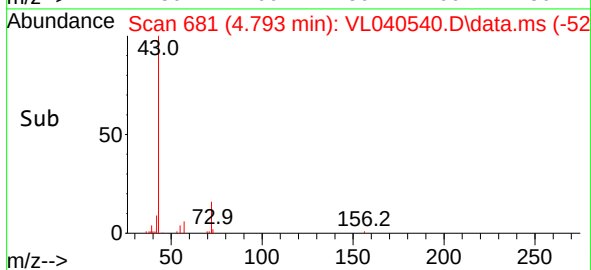
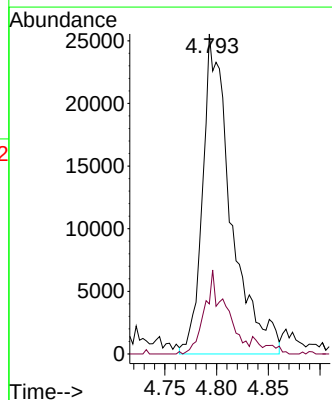
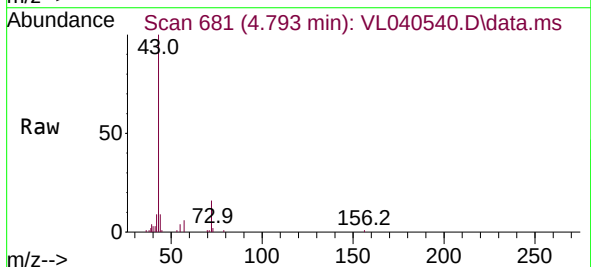
Manual Integrations
APPROVED

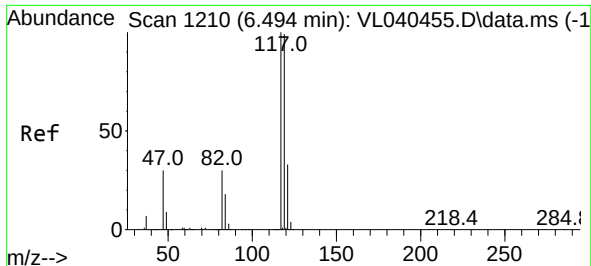
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#34
2-Butanone
Concen: 0.431 ppbv m
RT: 4.793 min Scan# 681
Delta R.T. -0.000 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

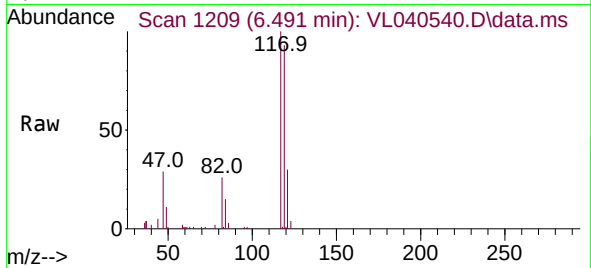
Tgt Ion: 43 Resp: 48743
Ion Ratio Lower Upper
43 100
72 0.0 19.1 28.7#





#35
Carbon Tetrachloride
Concen: 0.410 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

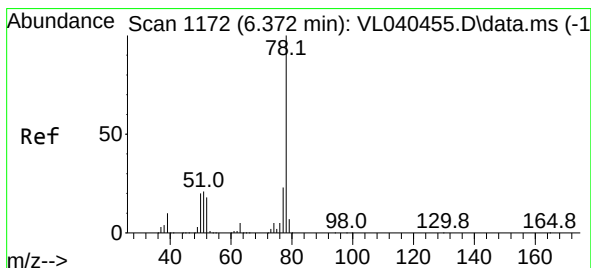
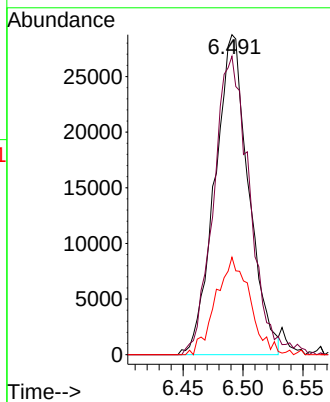
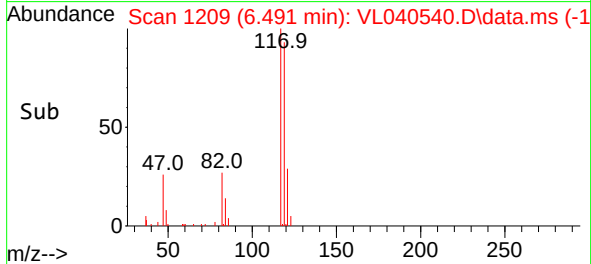
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 117 Resp: 5642
Ion Ratio Lower Upper
117 100
119 93.3 77.8 116.6
121 30.5 24.8 37.2

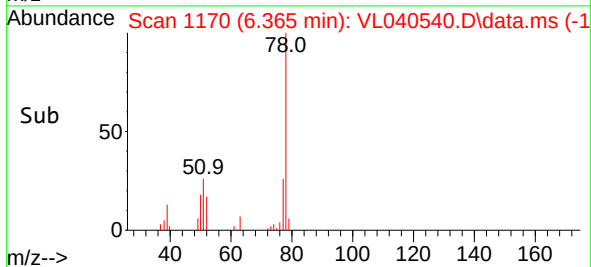
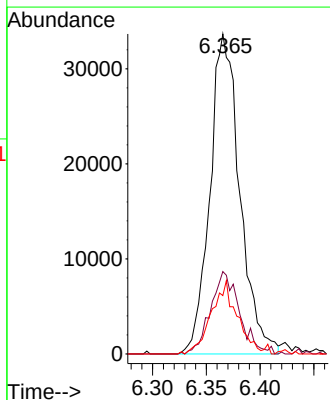
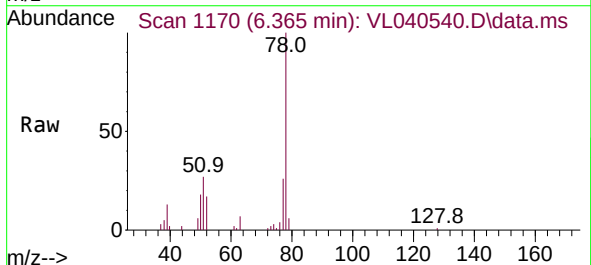
Manual Integrations
APPROVED

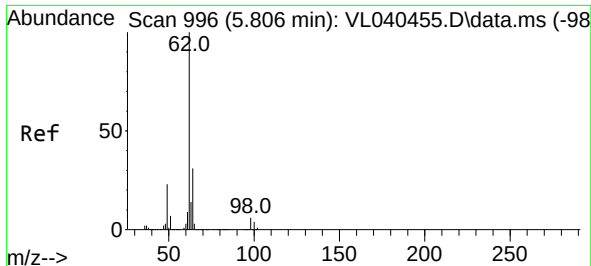
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#36
Benzene
Concen: 0.353 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

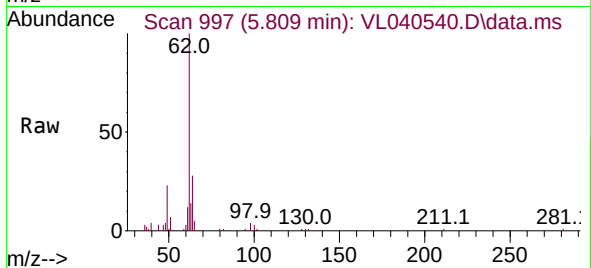
Tgt Ion: 78 Resp: 65038
Ion Ratio Lower Upper
78 100
77 25.7 17.4 26.0
50 18.3 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.434 ppbv m
RT: 5.809 min Scan# 996
Delta R.T. -0.007 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

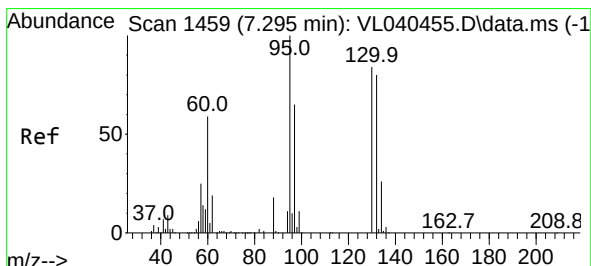
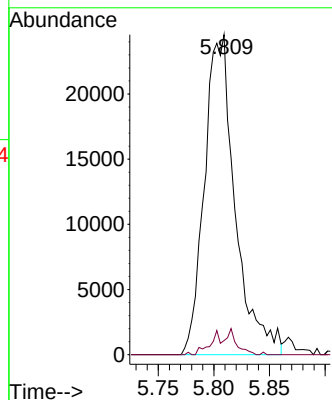
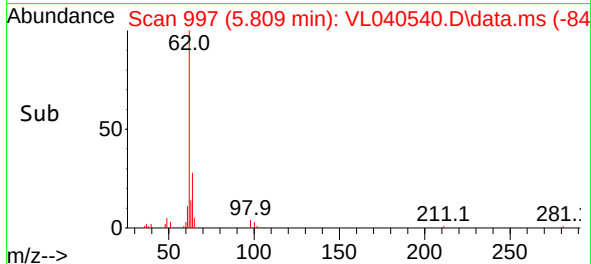
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 62 Resp: 46990
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7

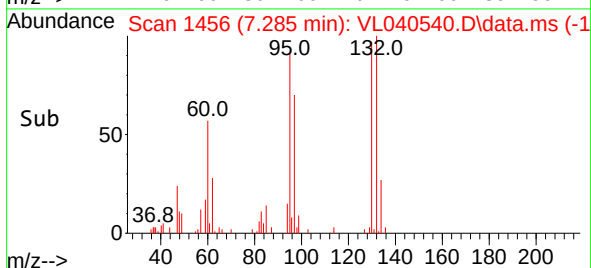
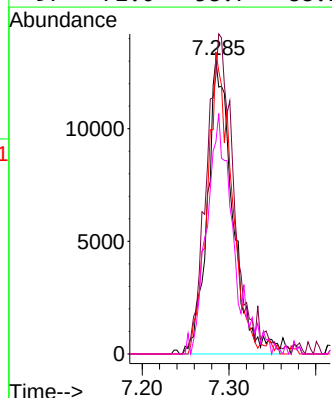
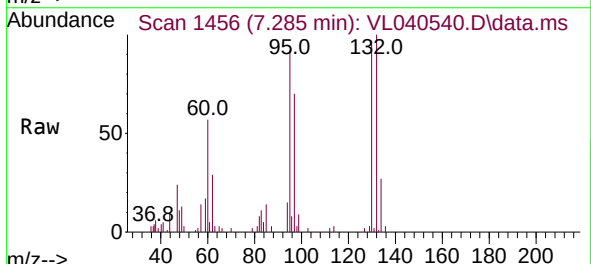
Manual Integrations
APPROVED

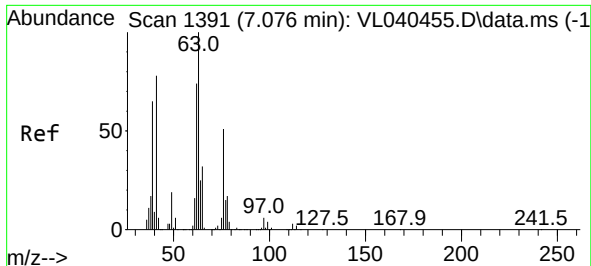
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#38
Trichloroethene
Concen: 0.378 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:130 Resp: 26304
Ion Ratio Lower Upper
130 100
95 94.6 90.2 135.2
132 102.6 76.3 114.5
97 72.0 58.7 88.1





#39

1,2-Dichloropropane

Concen: 0.362 ppbv

RT: 7.073 min Scan# 1391

Delta R.T. -0.010 min

Lab File: VL040540.D

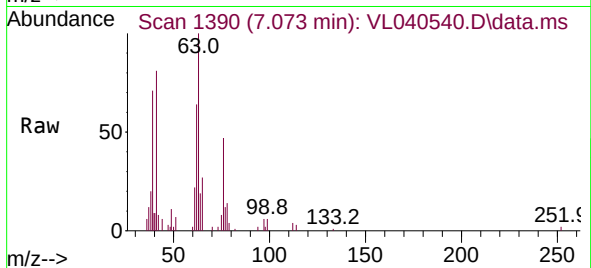
Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



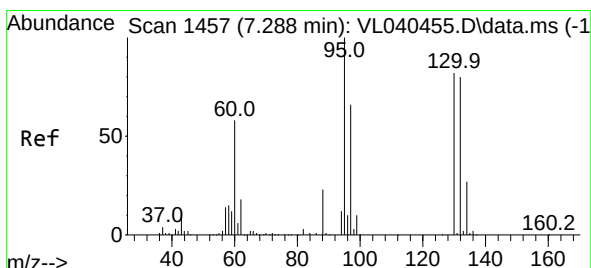
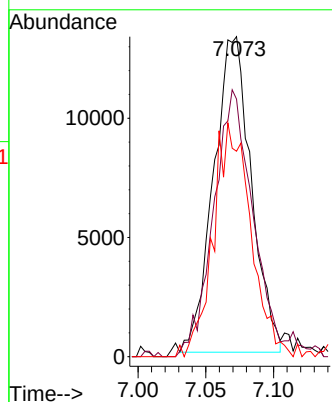
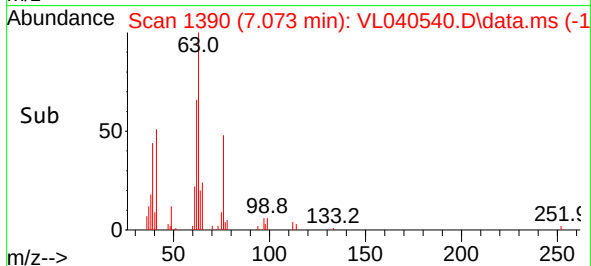
Tgt Ion: 63 Resp: 2563

Ion	Ratio	Lower	Upper
63	100		
41	79.9	54.3	81.5
62	61.4	55.6	83.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#40

1,4-Dioxane

Concen: 0.427 ppbv m

RT: 7.320 min Scan# 1467

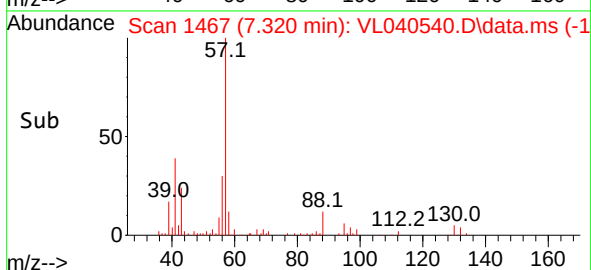
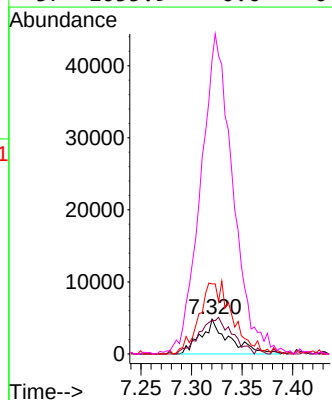
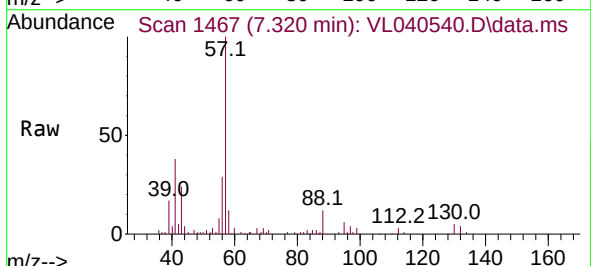
Delta R.T. 0.022 min

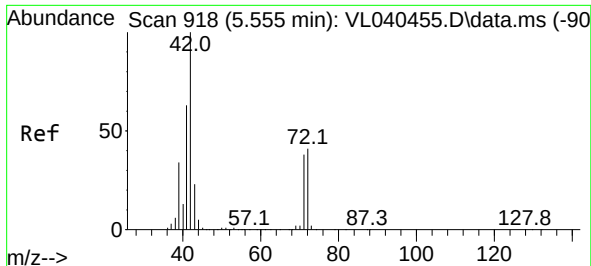
Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion: 88 Resp: 9460

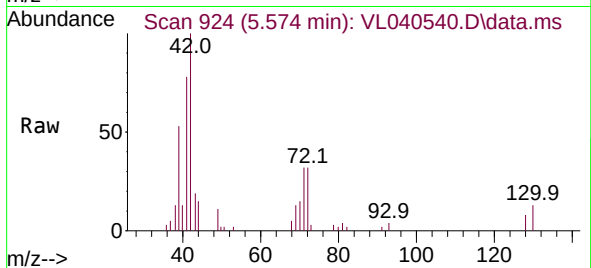
Ion	Ratio	Lower	Upper
88	100		
58	124.3	58.6	88.0#
43	246.8	0.0	0.0#
57	1055.9	0.0	0.0#





#41
Tetrahydrofuran
Concen: 0.307 ppbv m
RT: 5.574 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

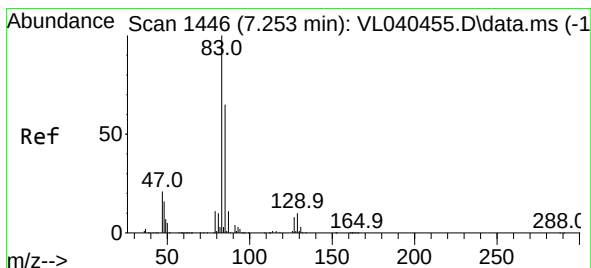
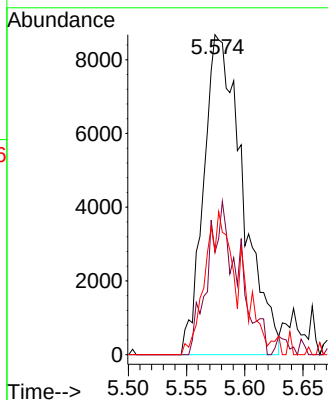
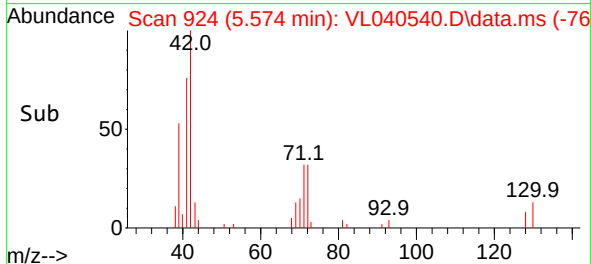
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 42 Resp: 2023
Ion Ratio Lower Upper
42 100
72 0.0 33.8 50.8
71 0.0 33.0 49.6

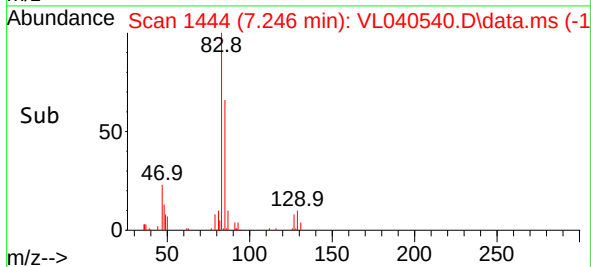
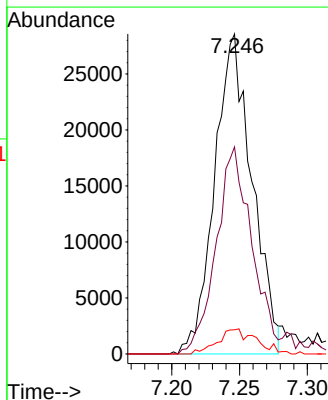
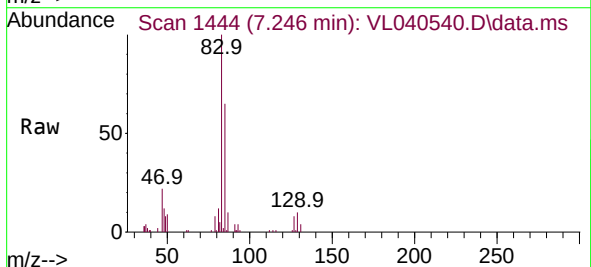
Manual Integrations
APPROVED

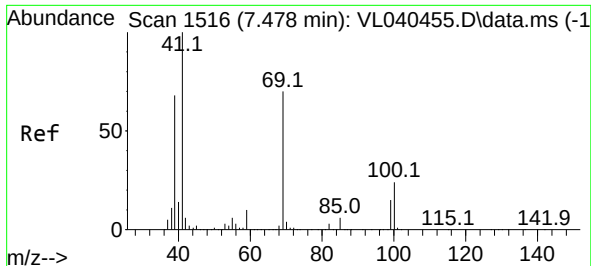
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
Bromodichloromethane
Concen: 0.364 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 83 Resp: 54852
Ion Ratio Lower Upper
83 100
85 64.7 51.1 76.7
127 7.5 6.5 9.7





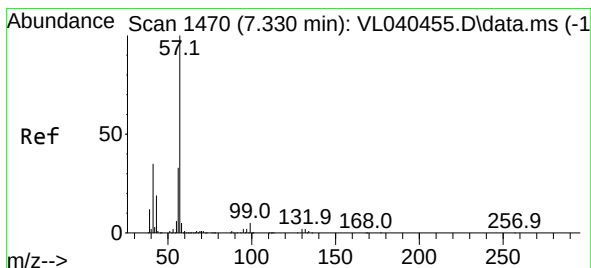
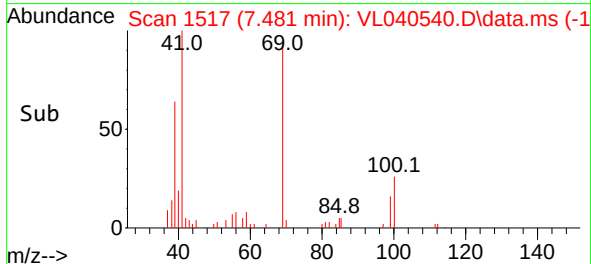
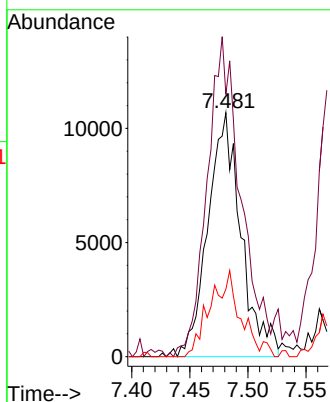
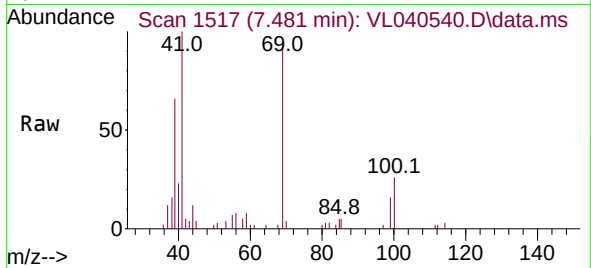
#43
Methyl Methacrylate
Concen: 0.307 ppbv m
RT: 7.481 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 69 Resp: 2114
Ion Ratio Lower Upper
69 100
41 140.6 111.7 167.5
100 33.2 26.9 40.3

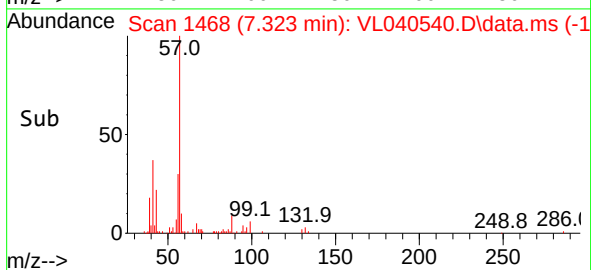
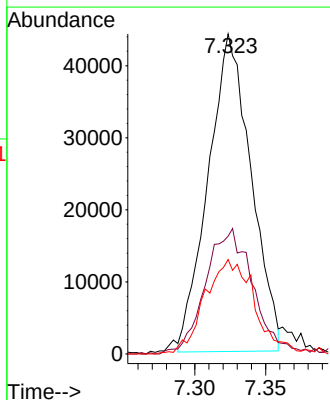
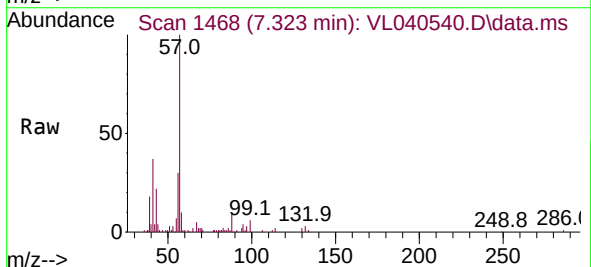
Manual Integrations
APPROVED

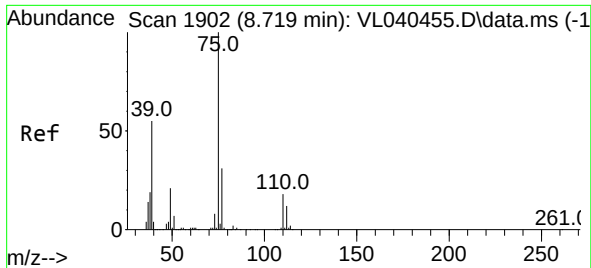
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#44
2,2,4-Trimethylpentane
Concen: 0.314 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 57 Resp: 92978
Ion Ratio Lower Upper
57 100
41 43.8 25.5 38.3#
56 35.1 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 0.273 ppbv m

RT: 8.712 min Scan# 1902

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

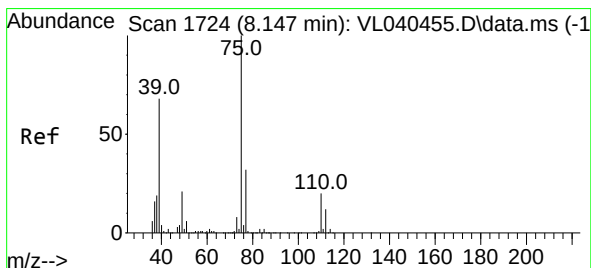
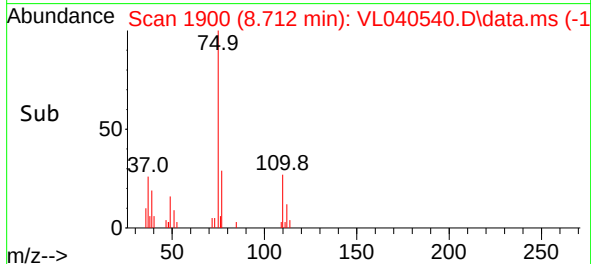
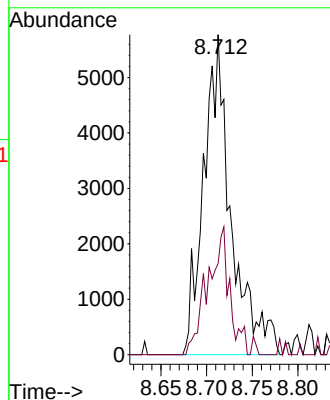
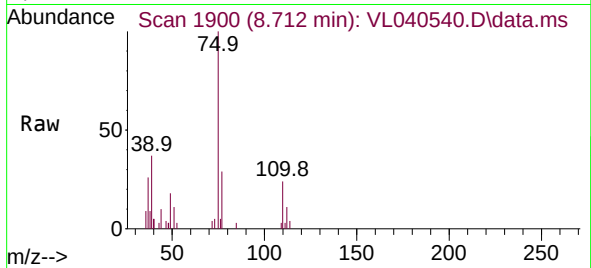
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:	75	Resp:	1204
Ion Ratio	Lower	Upper	
75	100		
77	28.5	26.0	39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#46

cis-1,3-Dichloropropene

Concen: 0.260 ppbv m

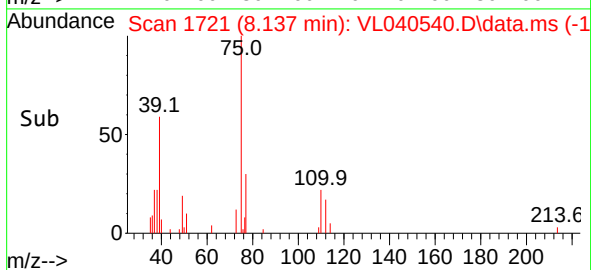
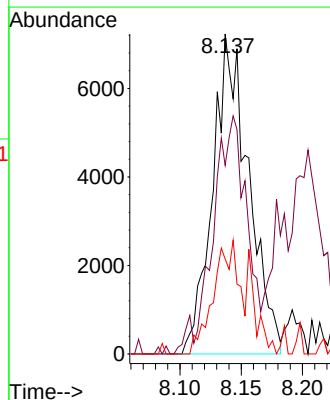
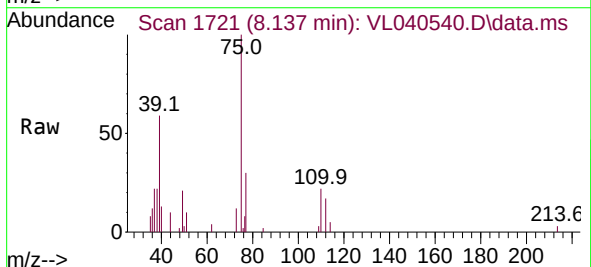
RT: 8.137 min Scan# 1721

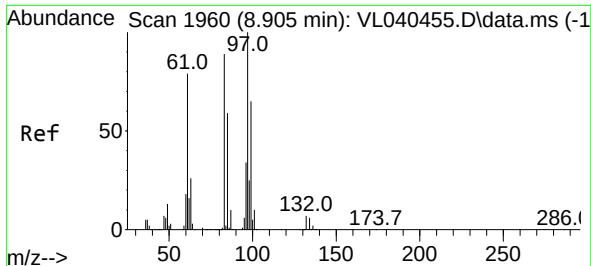
Delta R.T. -0.016 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion:	75	Resp:	14729
Ion Ratio	Lower	Upper	
75	100		
39	58.9	48.0	72.0
77	29.6	24.0	36.0





#47

1,1,2-Trichloroethane

Concen: 0.391 ppbv m

RT: 8.896 min Scan# 1960

Delta R.T. -0.013 min

Lab File: VL040540.D

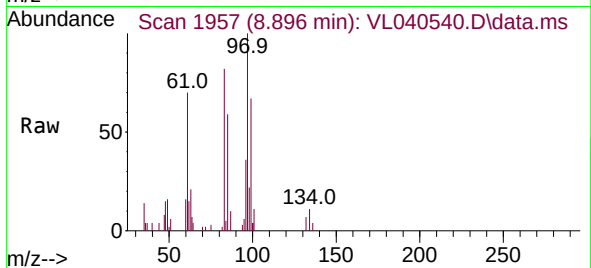
Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 97 Resp: 3056

Ion Ratio Lower Upper

97 100

83 82.3 73.4 110.0

85 59.0 46.6 70.0

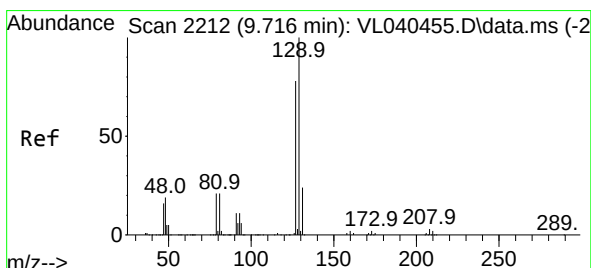
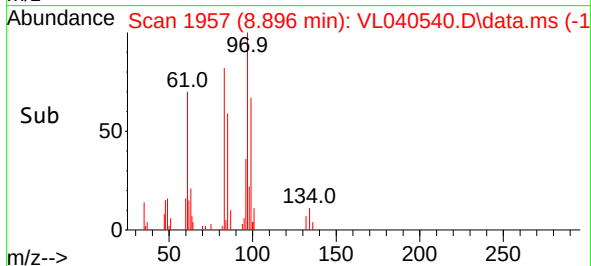
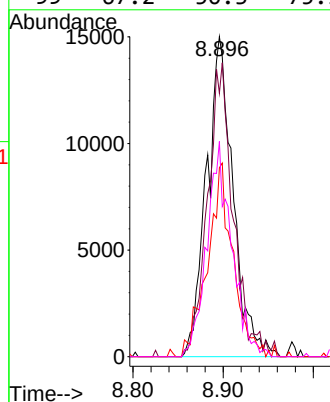
99 67.2 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#48

Dibromochloromethane

Concen: 0.313 ppbv m

RT: 9.703 min Scan# 2208

Delta R.T. -0.019 min

Lab File: VL040540.D

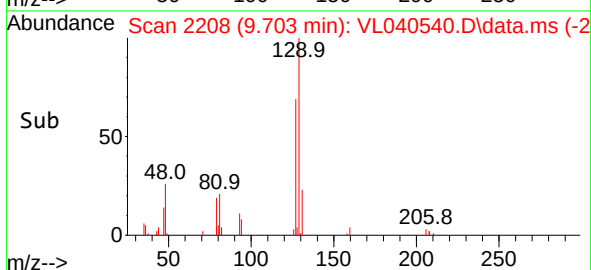
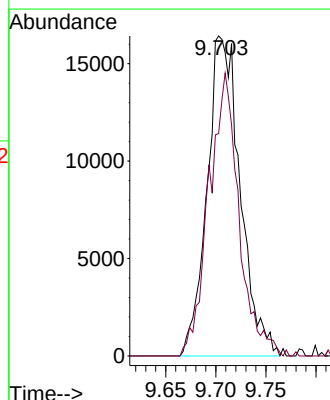
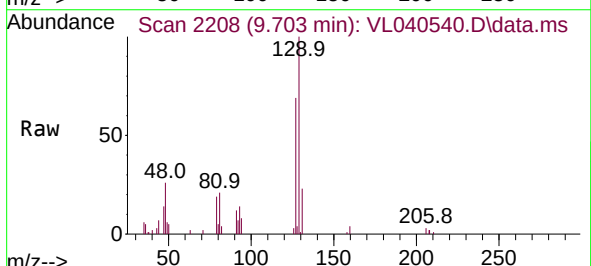
Acq: 15 Jul 2023 00:06

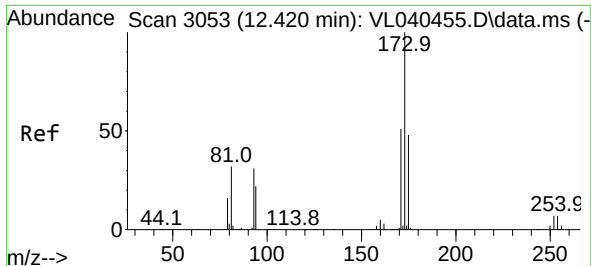
Tgt Ion:129 Resp: 37796

Ion Ratio Lower Upper

129 100

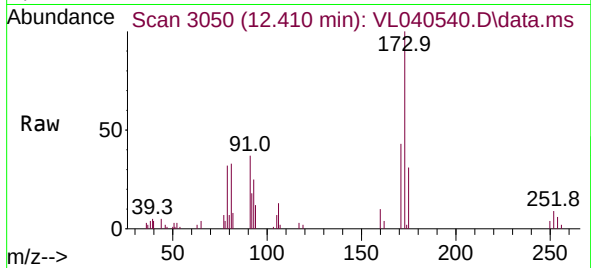
127 80.6 39.1 117.3





#49
Bromoform
Concen: 0.289 ppbv m
RT: 12.410 min Scan# 3053
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

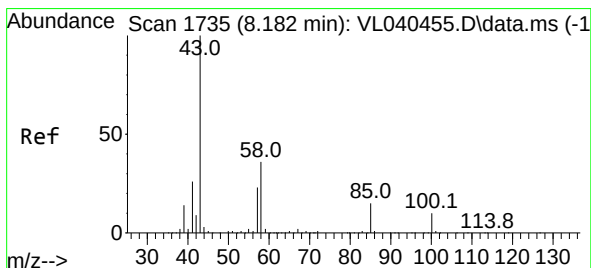
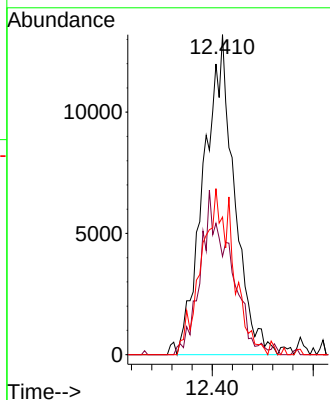
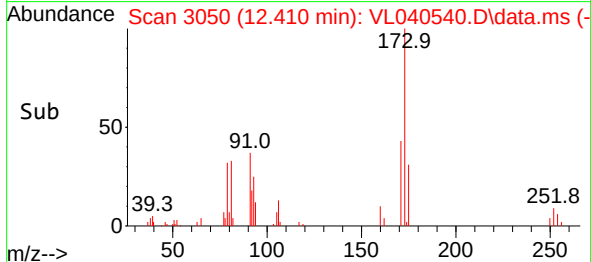
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 173 Resp: 27654
Ion Ratio Lower Upper
173 100
175 50.5 39.5 59.3
171 0.0 42.2 63.4

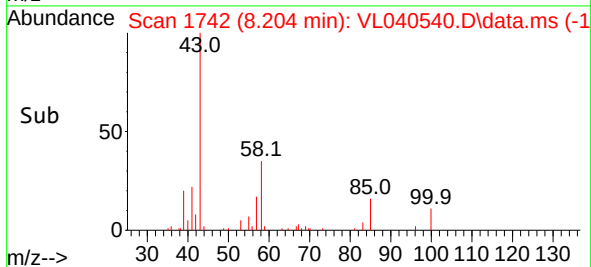
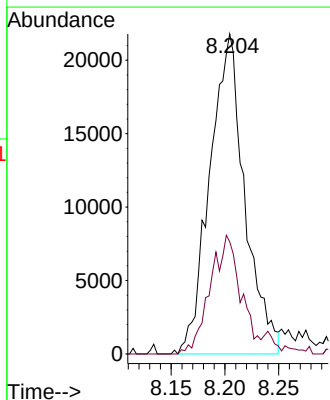
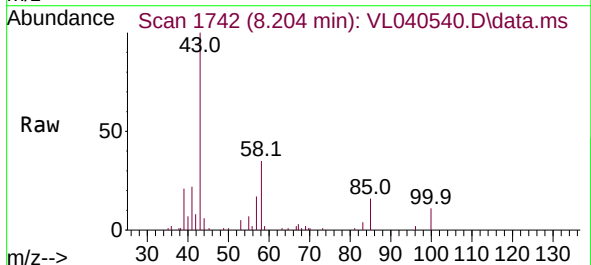
Manual Integrations
APPROVED

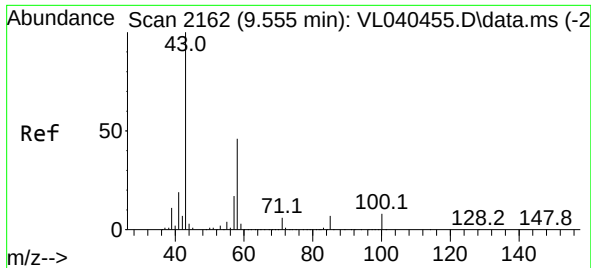
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#50
4-Methyl-2-Pentanone
Concen: 0.300 ppbv
RT: 8.204 min Scan# 1742
Delta R.T. 0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

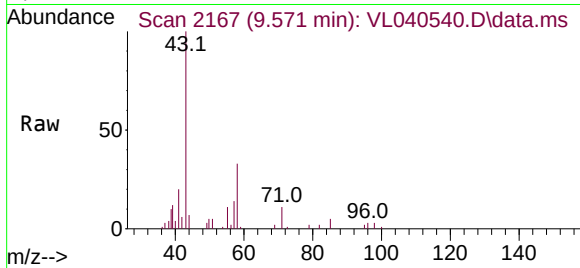
Tgt Ion: 43 Resp: 49297
Ion Ratio Lower Upper
43 100
58 35.9 30.2 45.2





#51
2-Hexanone
Concen: 0.262 ppbv m
RT: 9.571 min Scan# 2162
Delta R.T. 0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

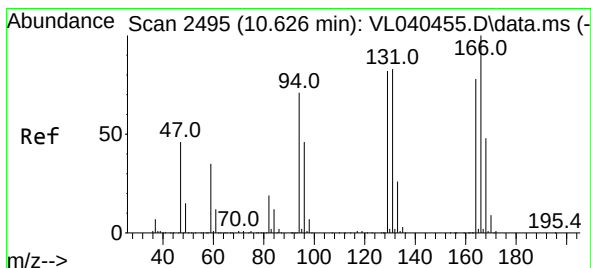
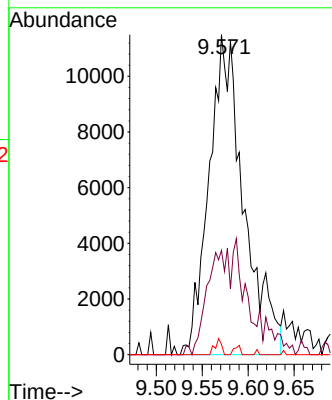
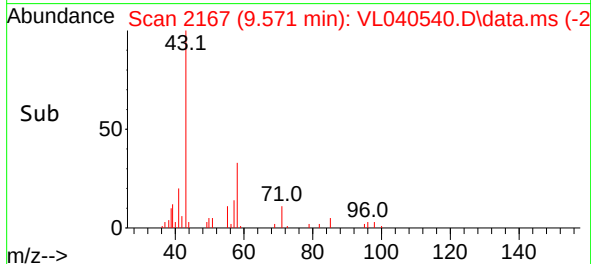
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5
98 0.0 0.3 0.5

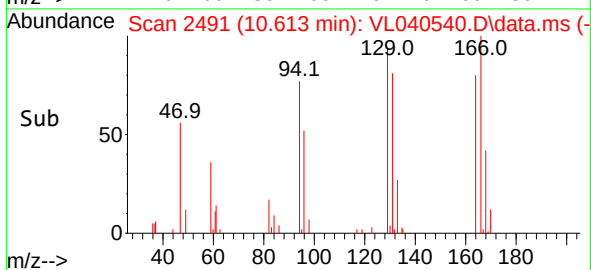
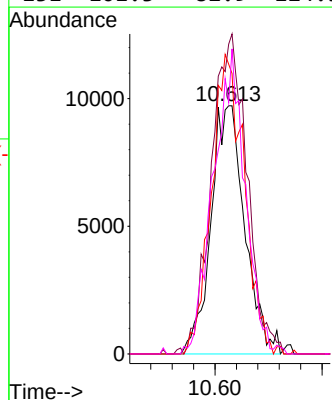
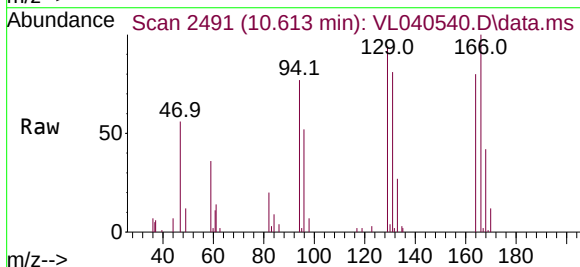
Manual Integrations
APPROVED

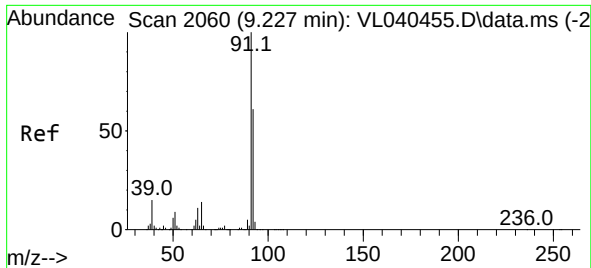
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Tetrachloroethene
Concen: 0.358 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:164 Resp: 21366
Ion Ratio Lower Upper
164 100
166 124.8 103.9 155.9
129 116.7 84.6 126.8
131 101.3 82.9 124.3





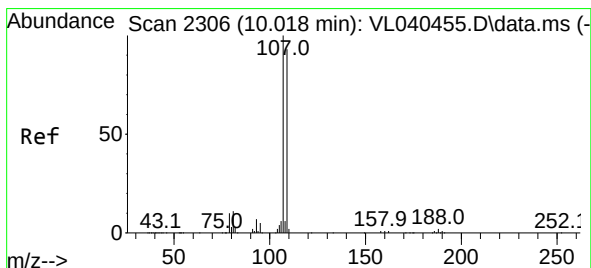
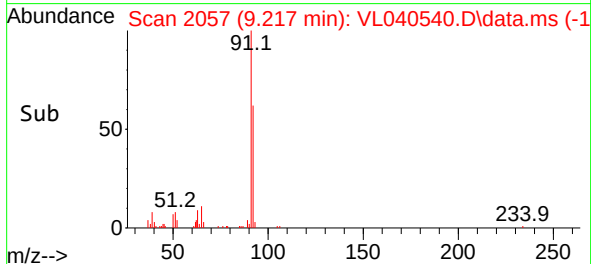
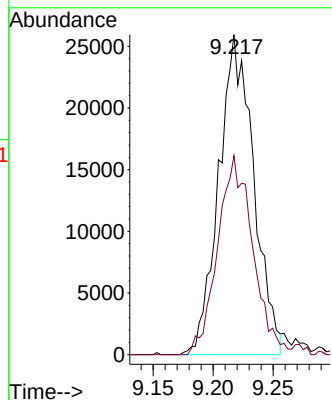
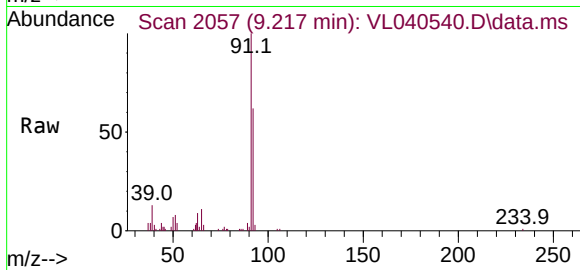
#53
Toluene
Concen: 0.263 ppbv
RT: 9.217 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 52500
Ion Ratio Lower Upper
91 100
92 63.7 49.1 73.7

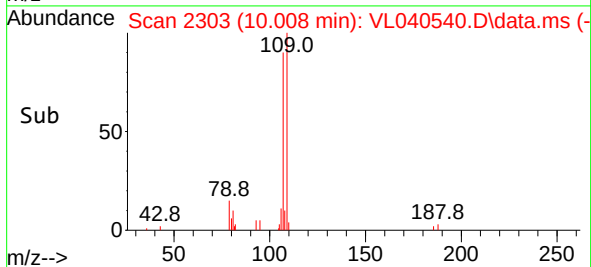
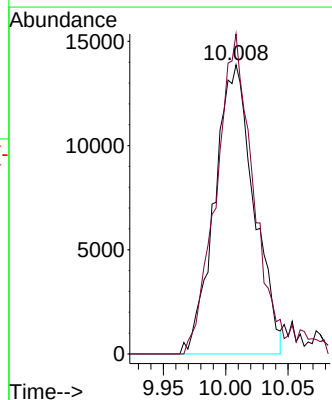
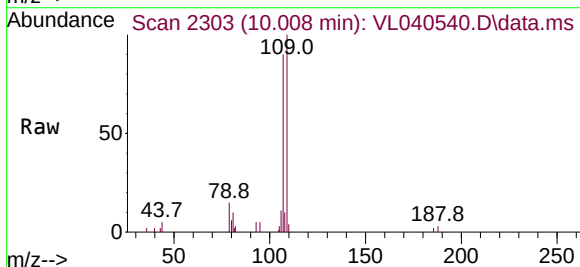
Manual Integrations
APPROVED

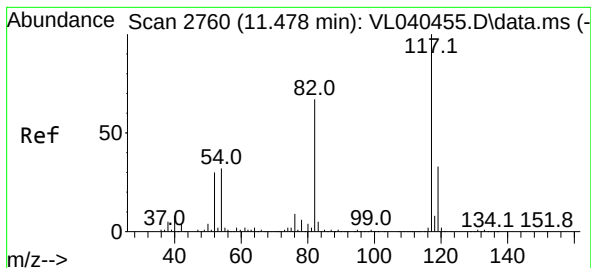
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
1,2-Dibromoethane
Concen: 0.313 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

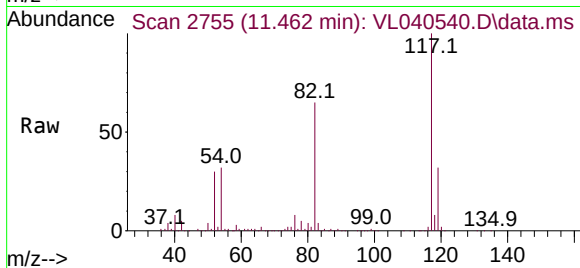
Tgt Ion:107 Resp: 30443
Ion Ratio Lower Upper
107 100
109 110.7 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

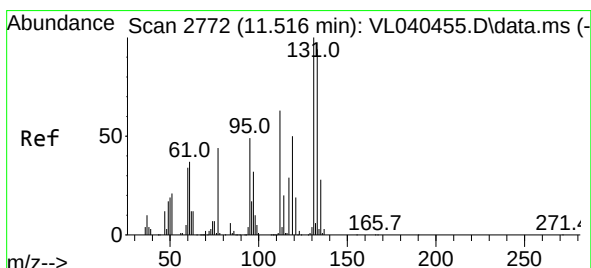
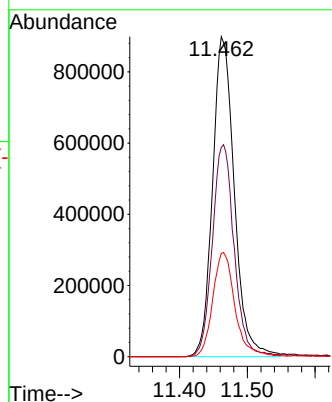
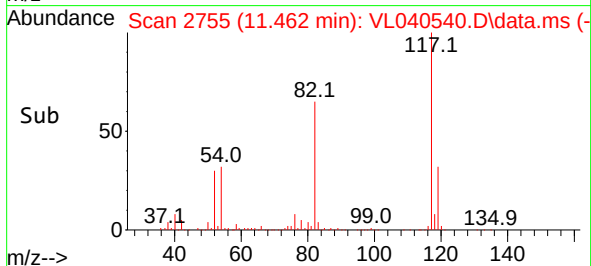
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



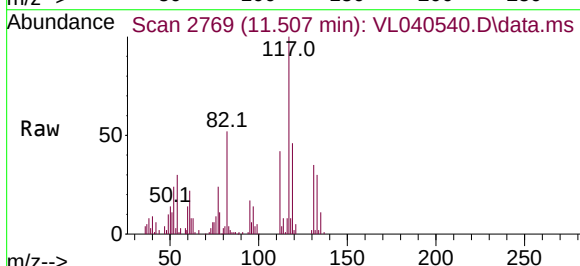
Tgt Ion:117 Resp: 200473
Ion Ratio Lower Upper
117 100
82 67.1 50.2 75.4
119 33.2 26.9 40.3

Manual Integrations
APPROVED

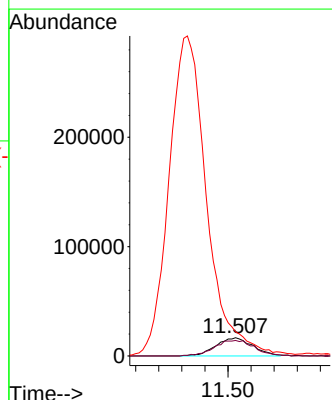
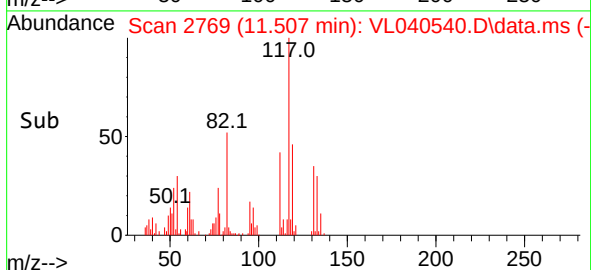
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

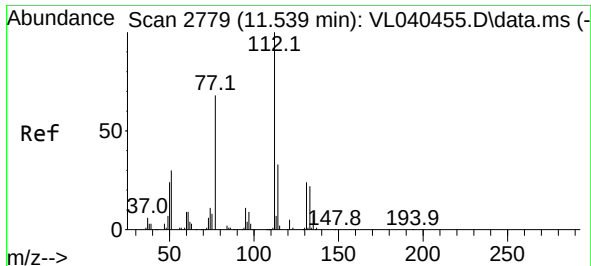


#56
1,1,1,2-Tetrachloroethane
Concen: 0.411 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06



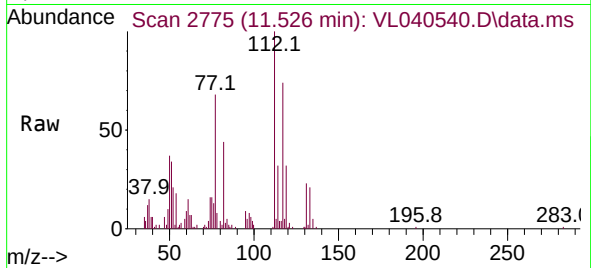
Tgt Ion:131 Resp: 36923
Ion Ratio Lower Upper
131 100
133 92.8 76.3 114.5
119 1817.4 51.1 76.7#





#57
Chlorobenzene
Concen: 0.425 ppbv m
RT: 11.526 min Scan# 211
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

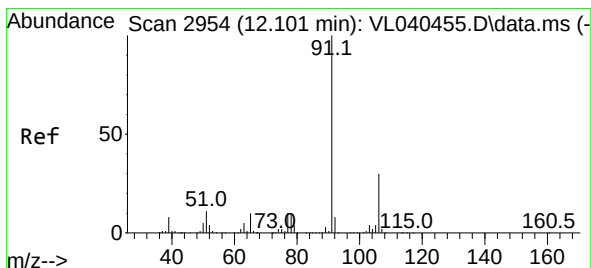
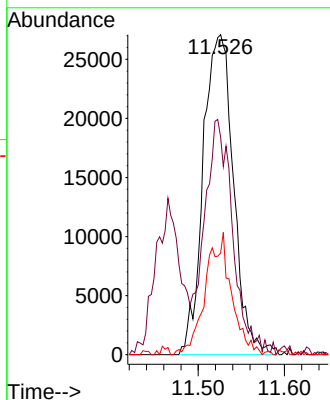
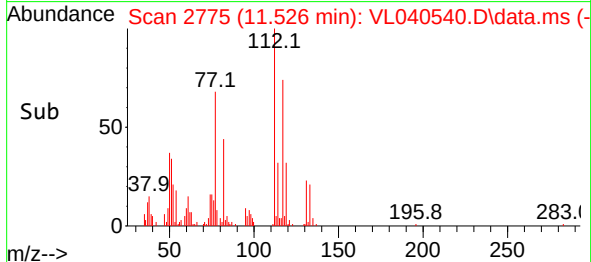
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:112 Resp: 66372
Ion Ratio Lower Upper
112 100
77 68.1 51.0 76.6
114 31.7 28.3 34.5

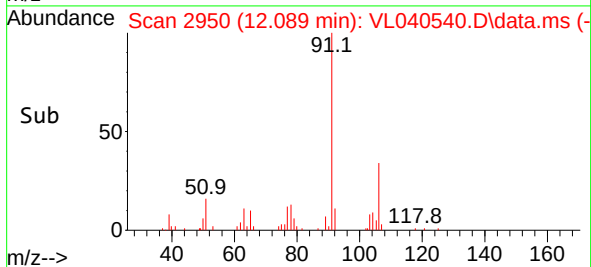
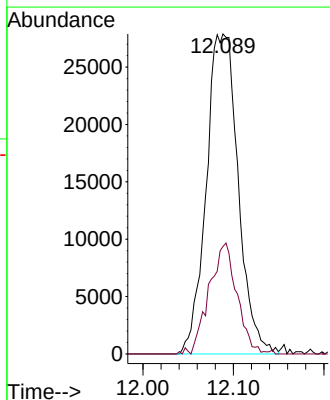
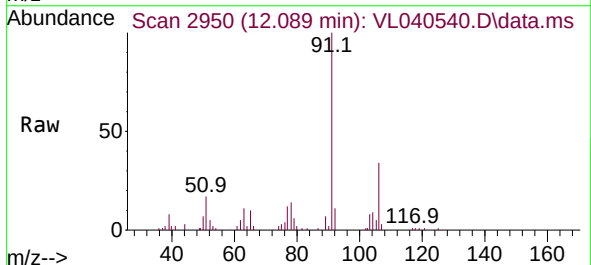
Manual Integrations
APPROVED

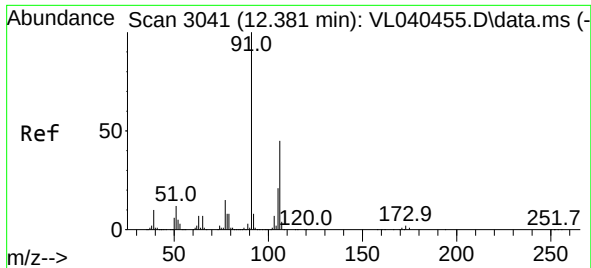
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#58
Ethyl Benzene
Concen: 0.272 ppbv m
RT: 12.089 min Scan# 2950
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 91 Resp: 68427
Ion Ratio Lower Upper
91 100
106 33.6 25.4 38.0





#59

m/p-Xylene

Concen: 0.607 ppbv m

RT: 12.368 min Scan# 3041

Delta R.T. -0.016 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 13637

Ion Ratio Lower Upper

91 100

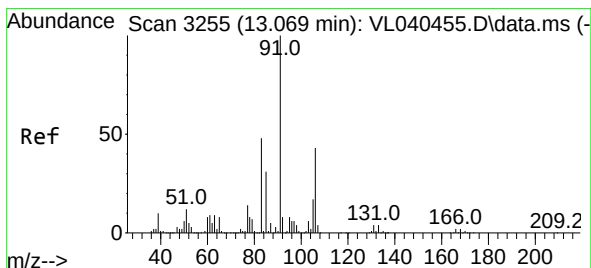
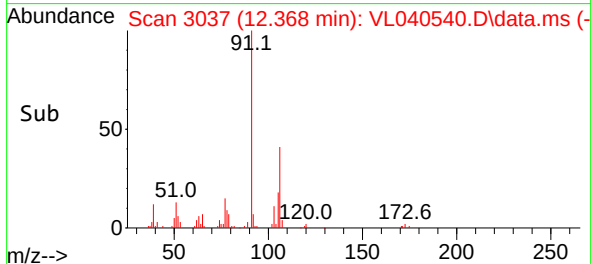
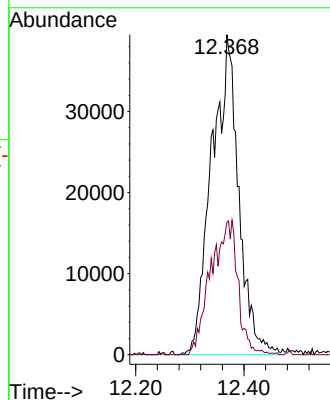
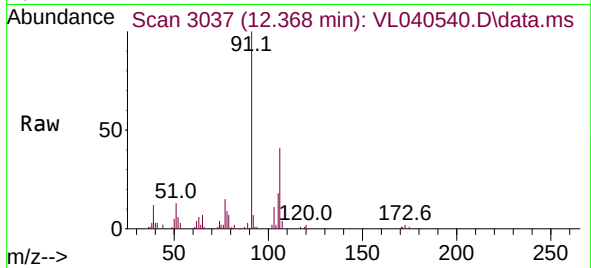
106 42.3 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#60

o-Xylene

Concen: 0.298 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.010 min

Lab File: VL040540.D

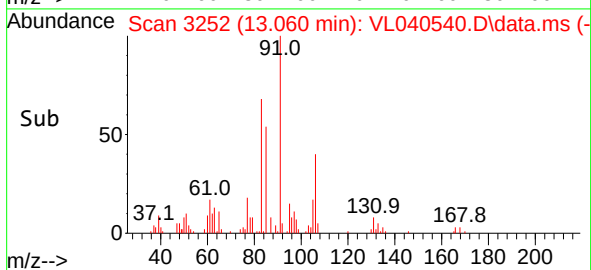
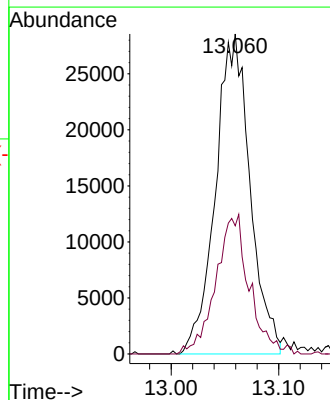
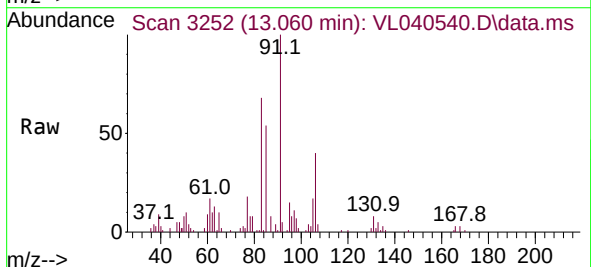
Acq: 15 Jul 2023 00:06

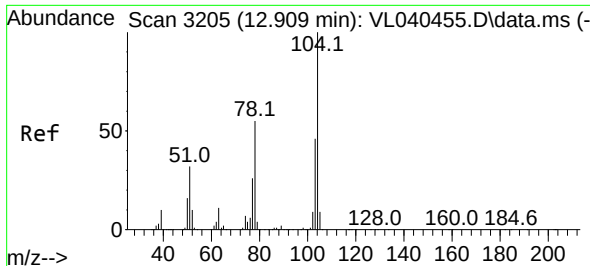
Tgt Ion: 91 Resp: 63652

Ion Ratio Lower Upper

91 100

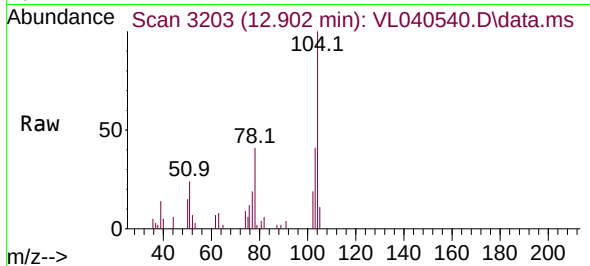
106 42.3 22.7 68.0





#61
Styrene
Concen: 0.203 ppbv m
RT: 12.902 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

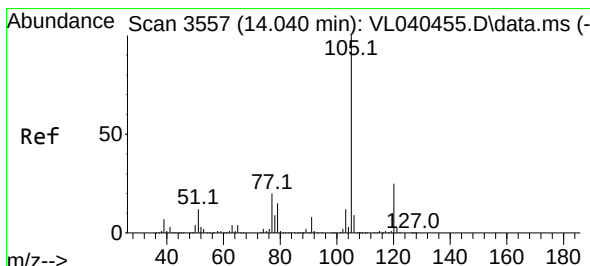
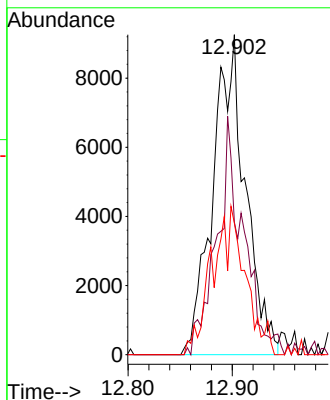
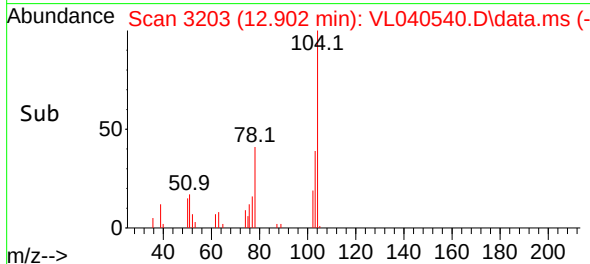
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:104 Resp: 2006
Ion Ratio Lower Upper
104 100
78 0.0 40.1 60.1
103 0.0 37.0 55.4

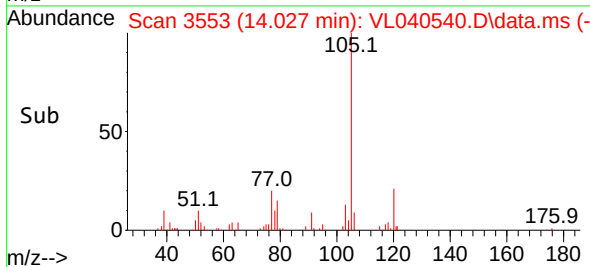
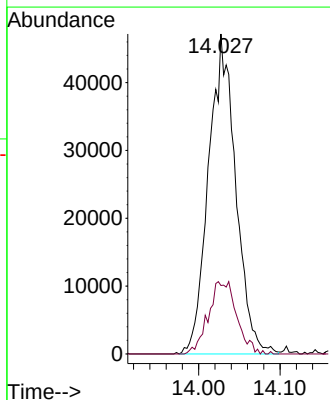
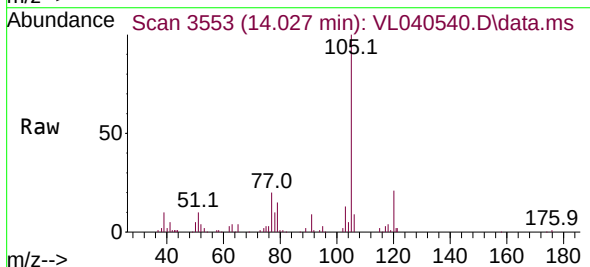
Manual Integrations
APPROVED

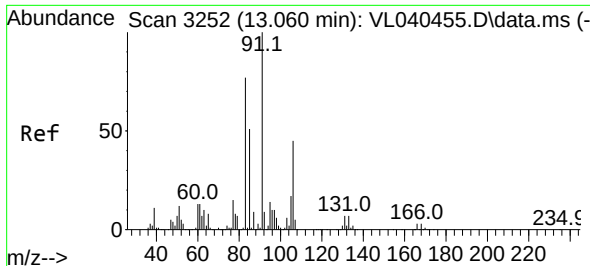
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
Isopropylbenzene
Concen: 0.341 ppbv m
RT: 14.027 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

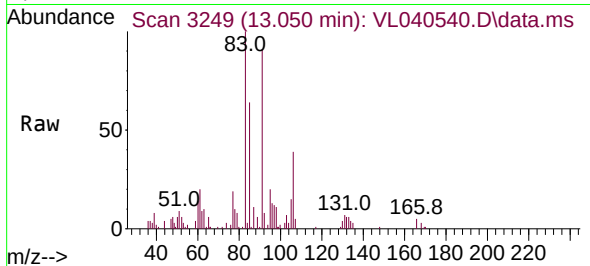
Tgt Ion:105 Resp: 109257
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.420 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

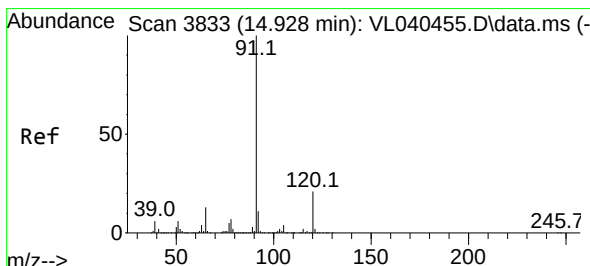
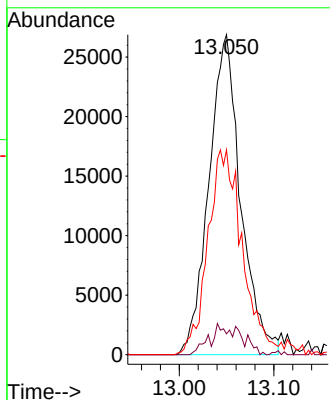
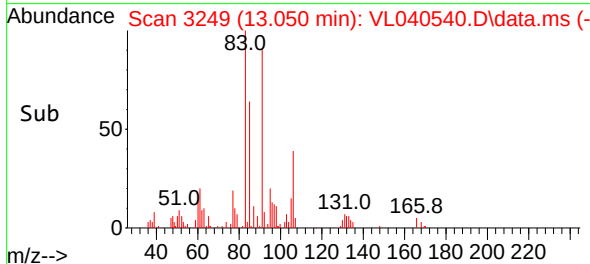
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 83 Resp: 62874
Ion Ratio Lower Upper
83 100
131 9.5 4.6 13.8
85 70.9 32.8 98.3

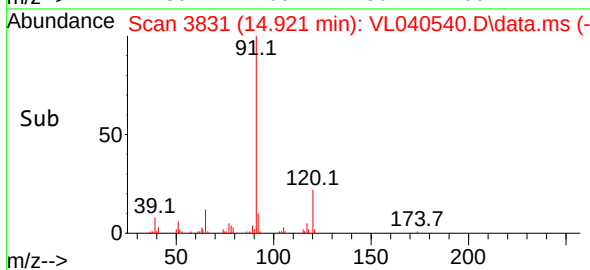
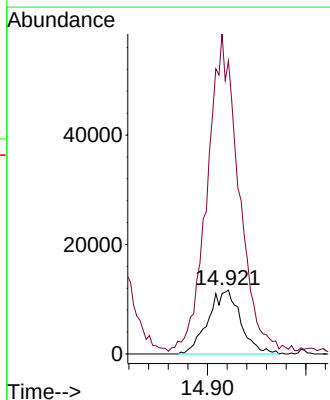
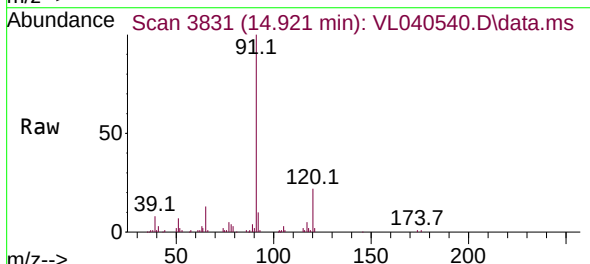
Manual Integrations
APPROVED

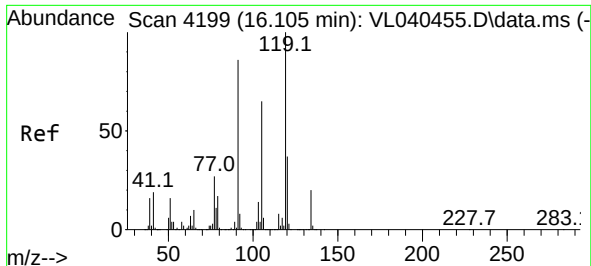
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
n-propylbenzene
Concen: 0.323 ppbv m
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

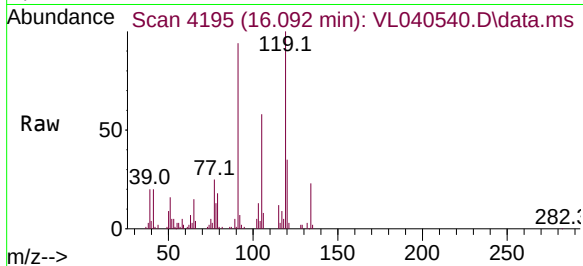
Tgt Ion:120 Resp: 26758
Ion Ratio Lower Upper
120 100
91 493.6 374.3 561.5





#65
tert-Butylbenzene
Concen: 0.293 ppbv
RT: 16.092 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

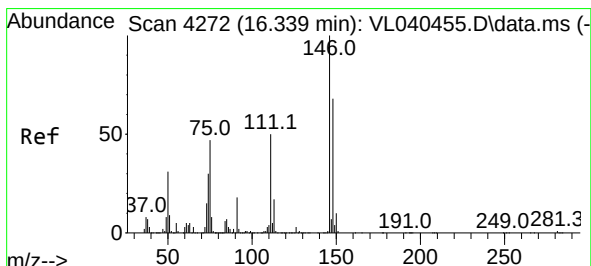
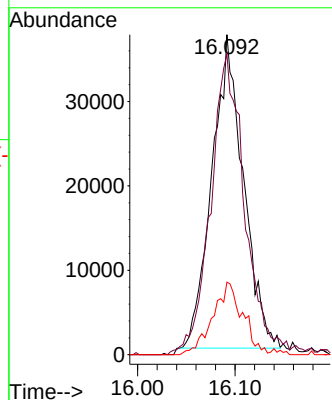
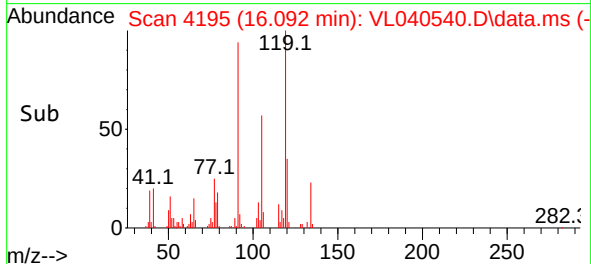
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



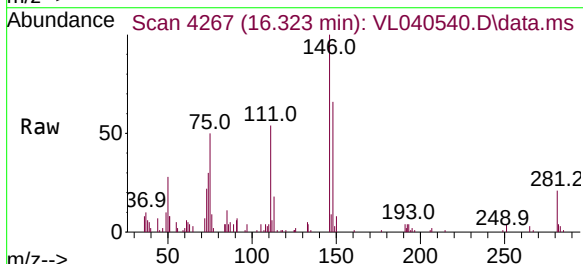
Tgt Ion: 119 Resp: 8324
Ion Ratio Lower Upper
119 100
91 105.6 66.1 99.1
134 22.5 15.7 23.5

Manual Integrations
APPROVED

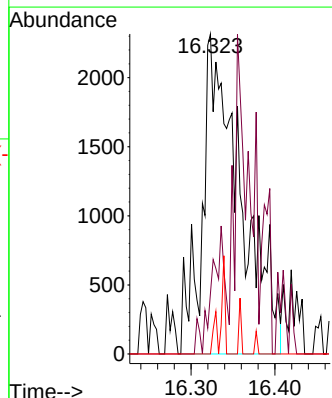
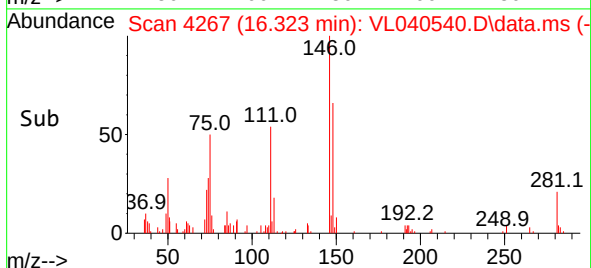
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

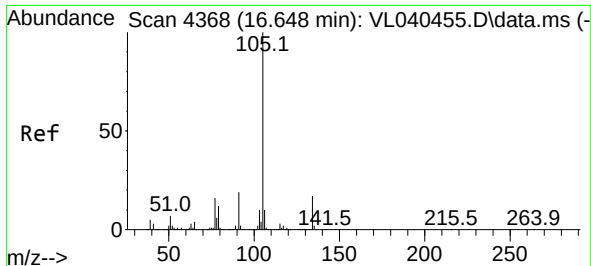


#66
Benzyl Chloride
Concen: 0.366 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. -0.013 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06



Tgt Ion: 91 Resp: 7358
Ion Ratio Lower Upper
91 100
126 67.2 15.4 23.2#
128 3.7 4.5 6.7#





#67

sec-Butylbenzene

Concen: 0.327 ppbv

RT: 16.635 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:105 Resp: 136409

Ion Ratio Lower Upper

105 100

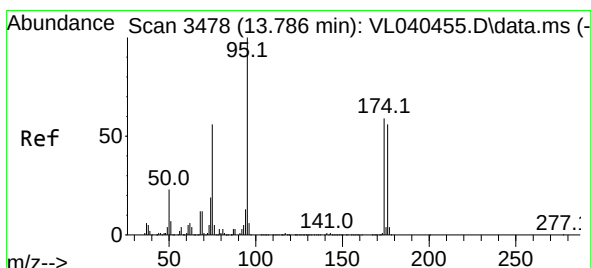
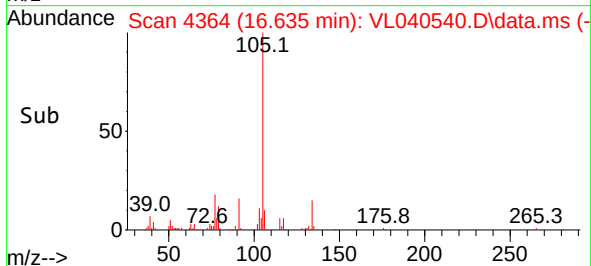
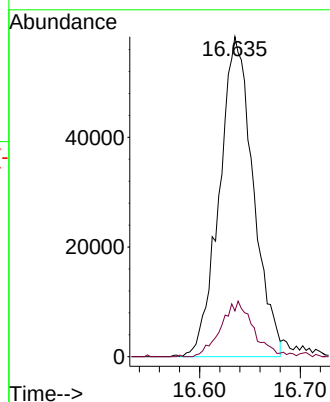
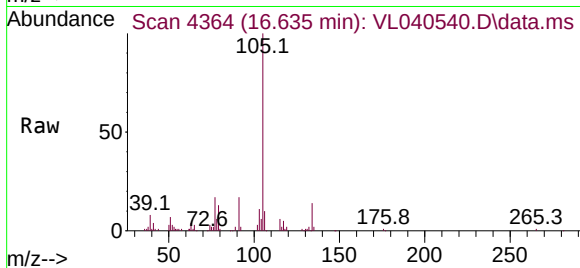
134 17.2 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.350 ppbv

RT: 13.773 min Scan# 3474

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

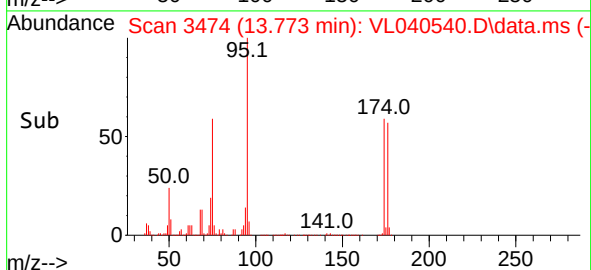
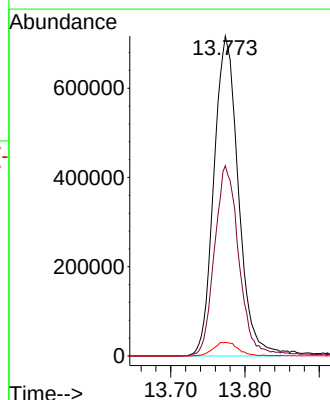
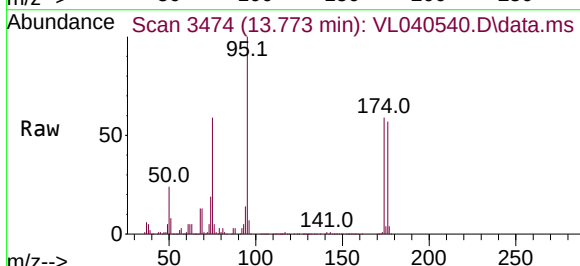
Tgt Ion: 95 Resp: 1642164

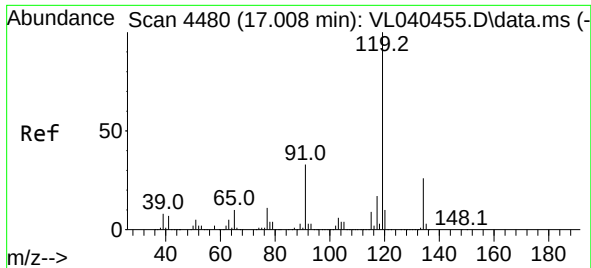
Ion Ratio Lower Upper

95 100

174 60.2 50.6 75.8

175 4.4 3.7 5.5





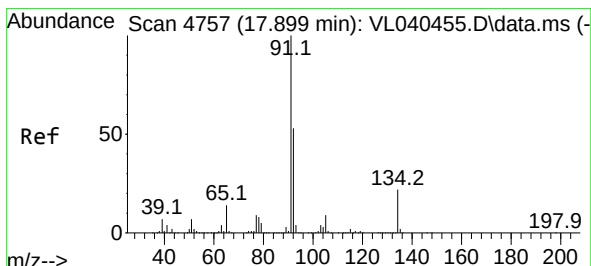
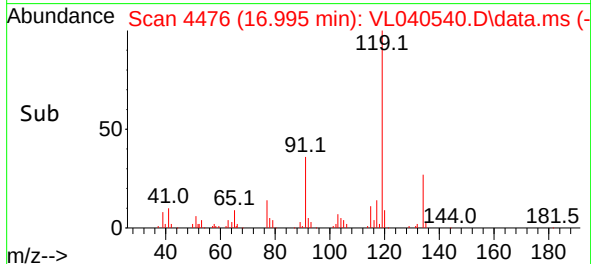
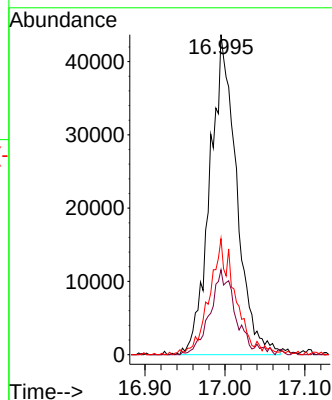
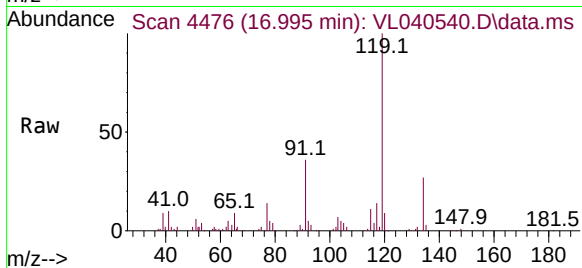
#69
p-Isopropyltoluene
Concen: 0.294 ppbv
RT: 16.995 min Scan# 4480
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023

Tgt Ion:119 Resp: 101190
Ion Ratio Lower Upper
119 100
134 26.2 20.5 30.7
91 36.1 23.8 35.8

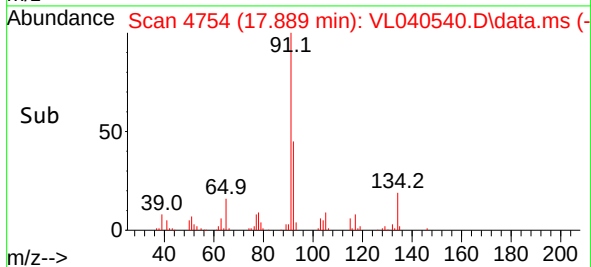
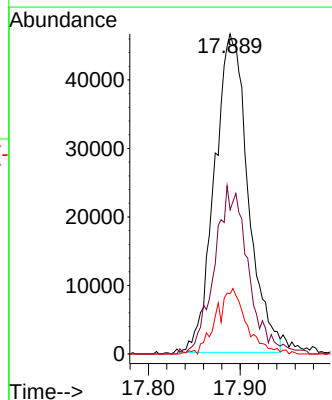
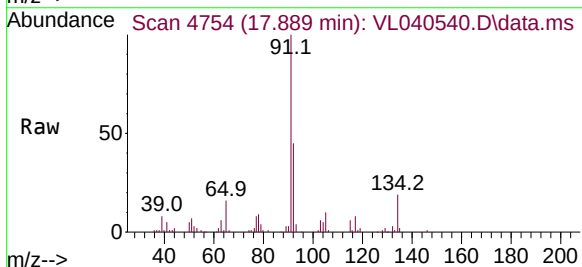
Manual Integrations
APPROVED

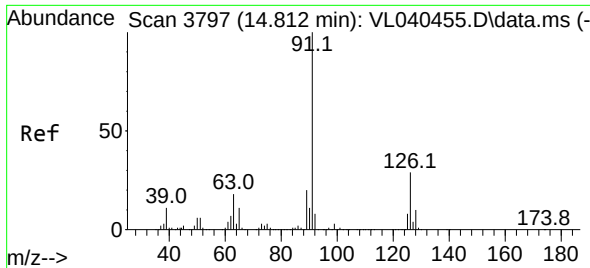
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
n-Butylbenzene
Concen: 0.308 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.007 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion: 91 Resp: 118260
Ion Ratio Lower Upper
91 100
92 53.3 43.4 65.0
134 18.9 18.1 27.1





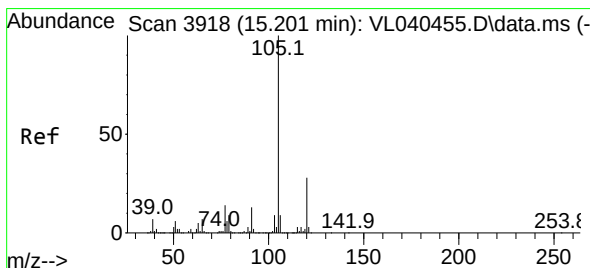
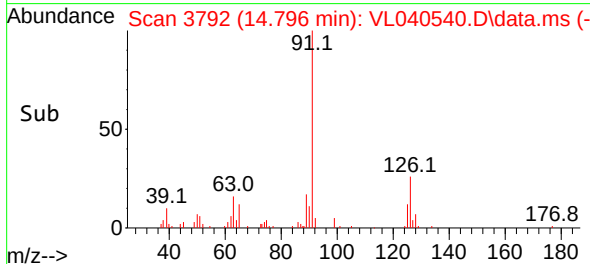
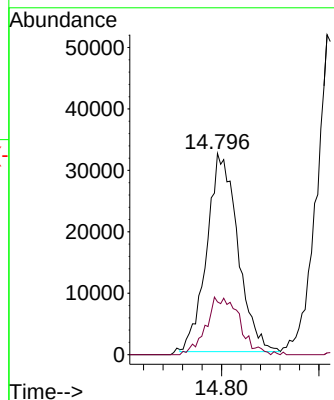
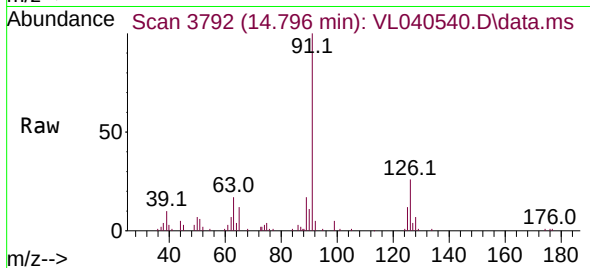
#71
2-Chlorotoluene
Concen: 0.289 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 91 Resp: 71400
Ion Ratio Lower Upper
91 100
126 31.2 12.4 49.8

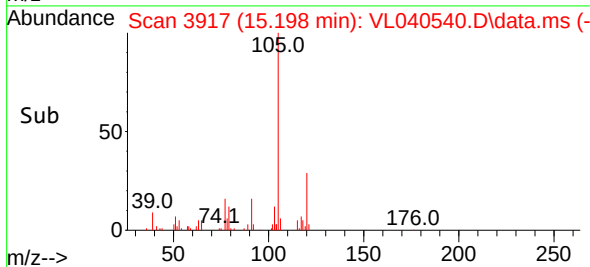
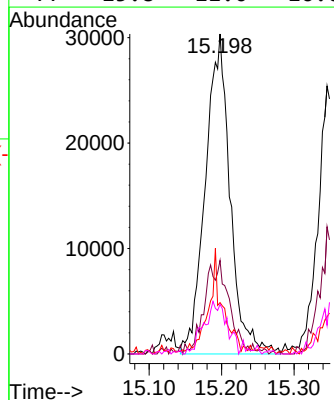
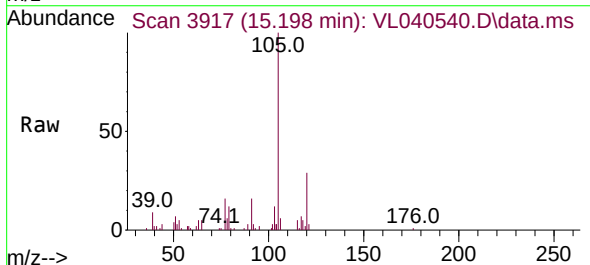
Manual Integrations
APPROVED

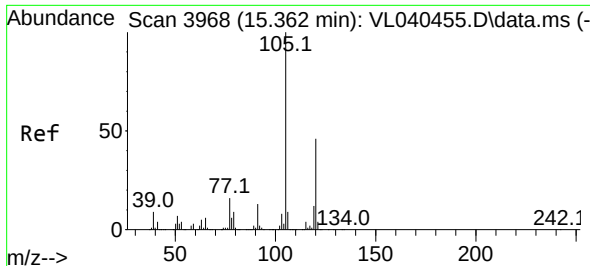
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#72
4-Ethyltoluene
Concen: 0.287 ppbv m
RT: 15.198 min Scan# 3917
Delta R.T. -0.007 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

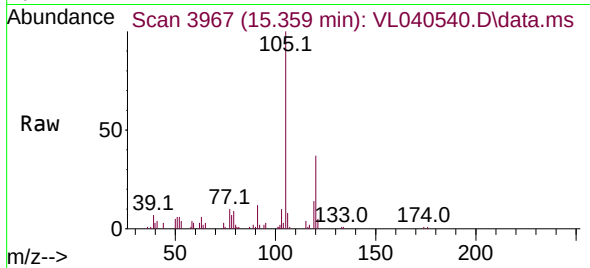
Tgt Ion:105 Resp: 71914
Ion Ratio Lower Upper
105 100
120 29.9 24.6 37.0
91 18.4 10.7 16.1#
77 15.8 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 0.310 ppbv m
RT: 15.359 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

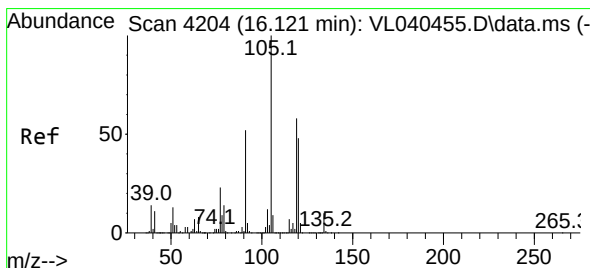
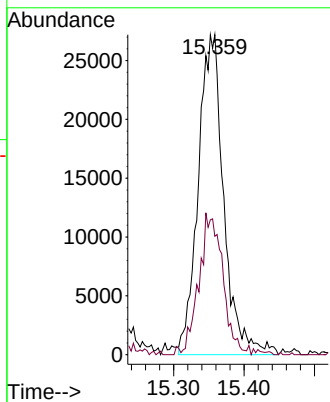
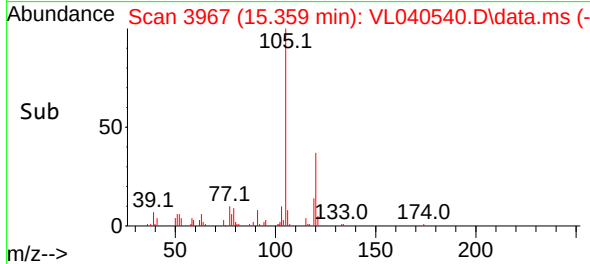
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



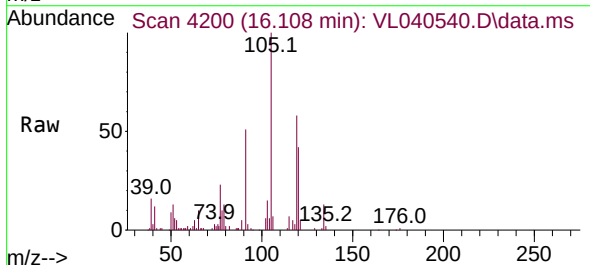
Tgt Ion:105 Resp: 6859
Ion Ratio Lower Upper
105 100
120 37.0 38.2 57.2

Manual Integrations
APPROVED

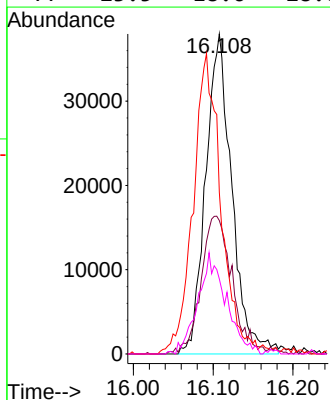
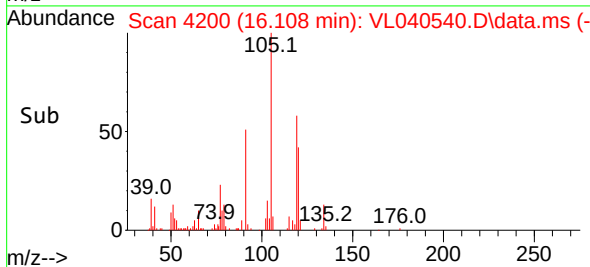
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

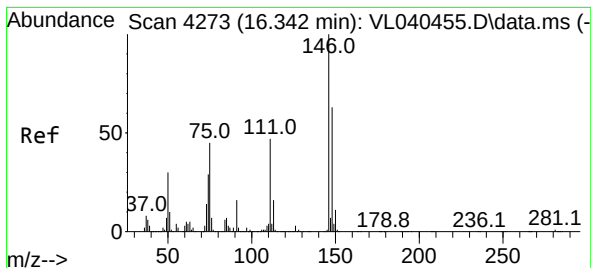


#74
1,2,4-Trimethylbenzene
Concen: 0.336 ppbv m
RT: 16.108 min Scan# 4200
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06



Tgt Ion:105 Resp: 86534
Ion Ratio Lower Upper
105 100
120 41.7 40.3 60.5
91 50.5 46.8 70.2
77 23.5 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 0.381 ppbv m

RT: 16.333 min Scan# 4315

Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

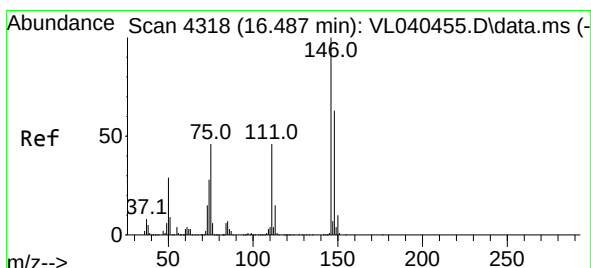
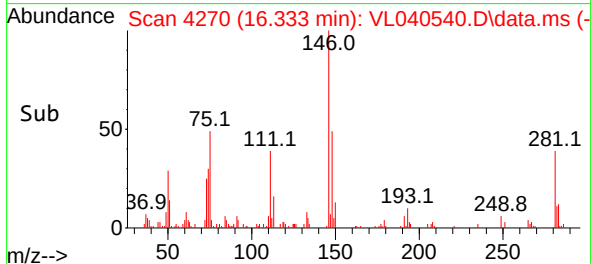
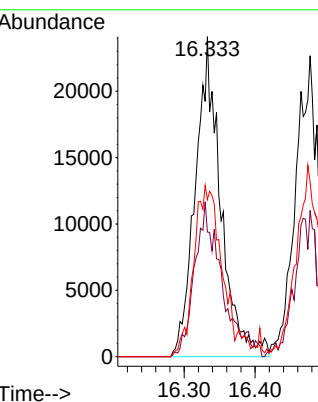
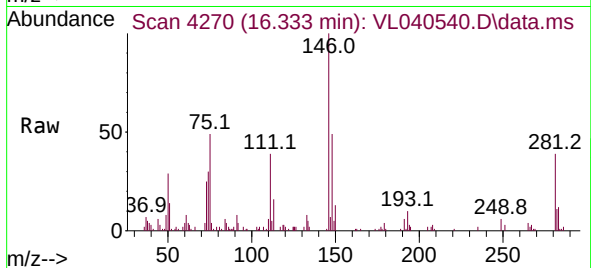
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:146	Resp:	5959
Ion Ratio	Lower	Upper
146	100	
111	52.1	23.6 71.0
148	62.5	32.2 96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76

1,4-Dichlorobenzene

Concen: 0.374 ppbv m

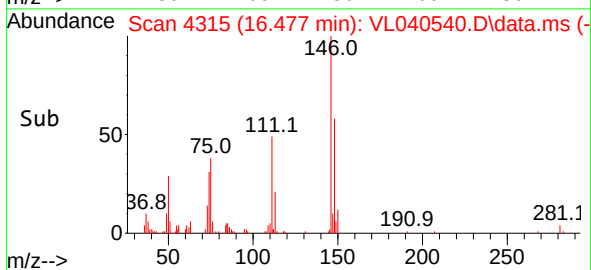
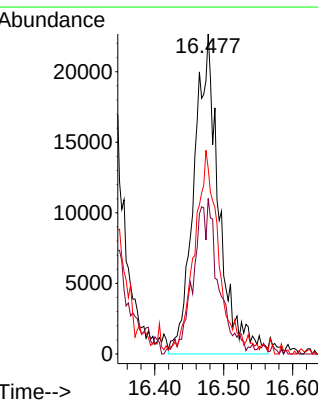
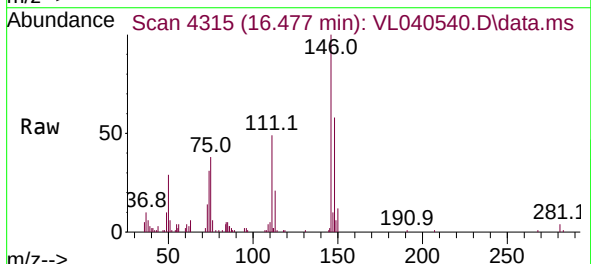
RT: 16.477 min Scan# 4315

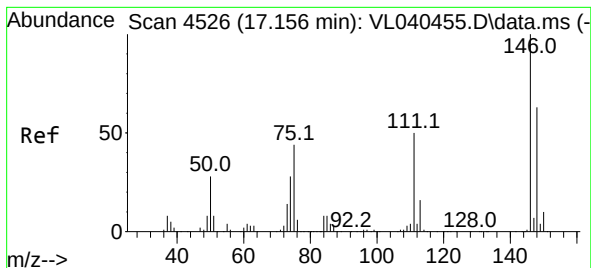
Delta R.T. -0.010 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Tgt Ion:146	Resp:	57326
Ion Ratio	Lower	Upper
146	100	
111	0.0	22.8 68.3#
148	0.0	32.6 97.8#





#77

1,2-Dichlorobenzene

Concen: 0.373 ppbv m

RT: 17.140 min Scan# 4

Delta R.T. -0.013 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

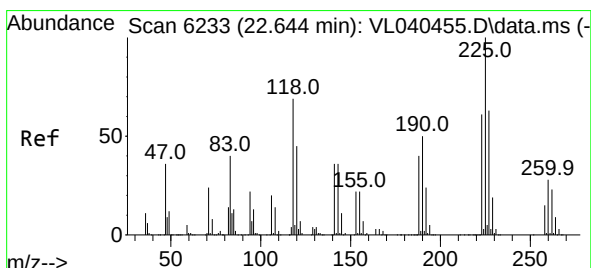
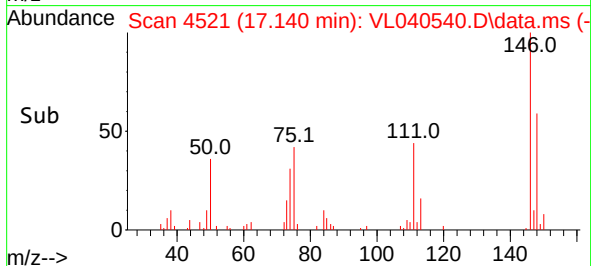
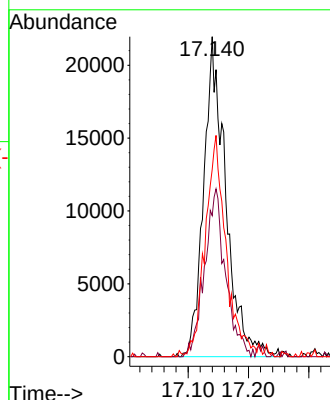
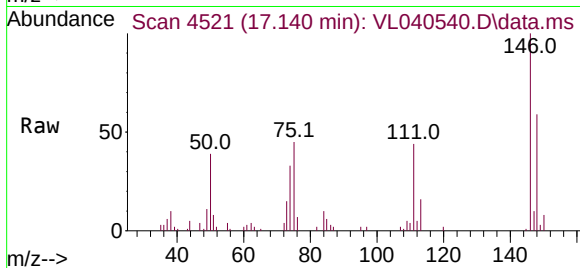
LOD-MDL-AIR-01-QT3-2023

Tgt Ion:146 Resp: 55789
 Ion Ratio Lower Upper
 146 100
 111 51.0 24.3 72.8
 148 66.4 32.1 96.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#78

Hexachloro-1,3-Butadiene

Concen: 0.396 ppbv m

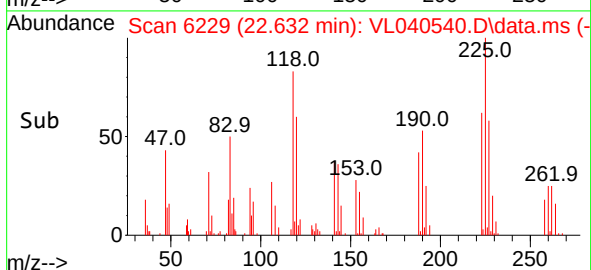
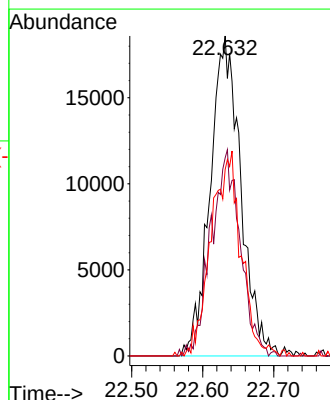
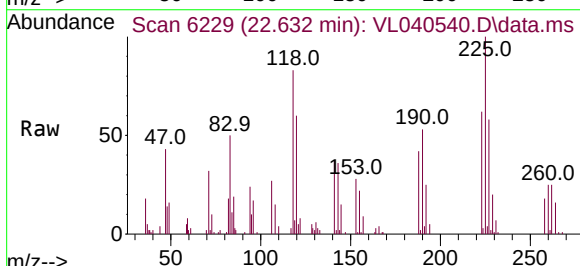
RT: 22.632 min Scan# 6229

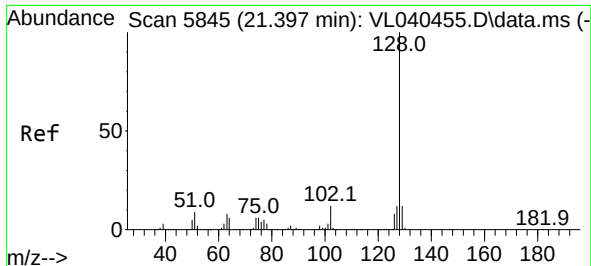
Delta R.T. -0.016 min

Lab File: VL040540.D

Acq: 15 Jul 2023 00:06

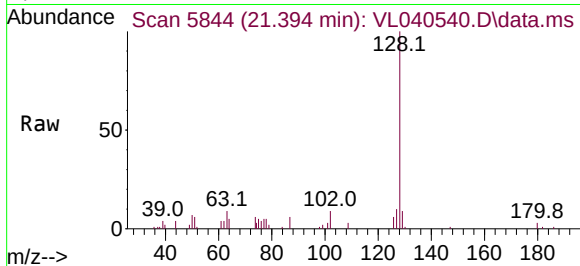
Tgt Ion:225 Resp: 55582
 Ion Ratio Lower Upper
 225 100
 223 0.0 50.3 75.5#
 227 0.0 51.0 76.6#





#79
Naphthalene
Concen: 0.254 ppbv m
RT: 21.394 min Scan# 5845
Delta R.T. -0.000 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

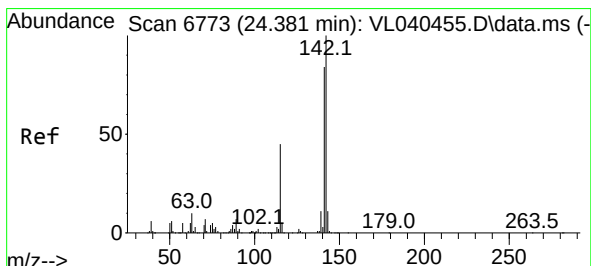
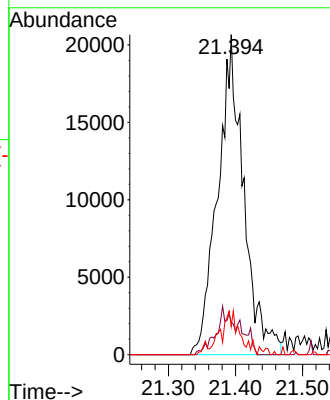
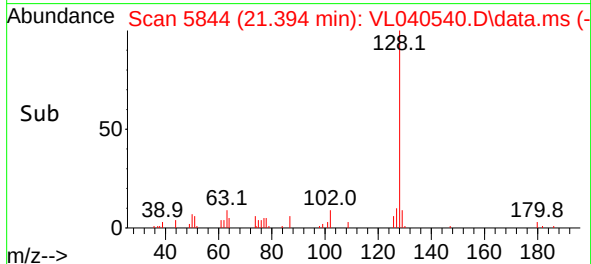
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:128 Resp: 5535
Ion Ratio Lower Upper
128 100
127 10.1 10.7 16.1
129 8.8 9.2 13.8

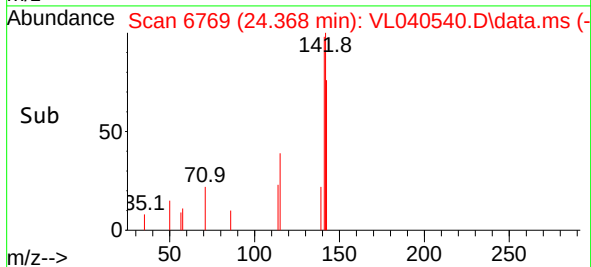
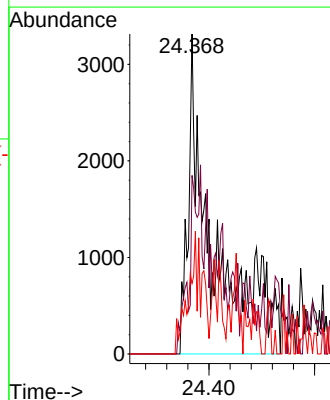
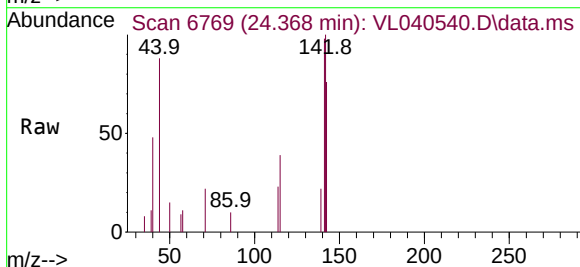
Manual Integrations
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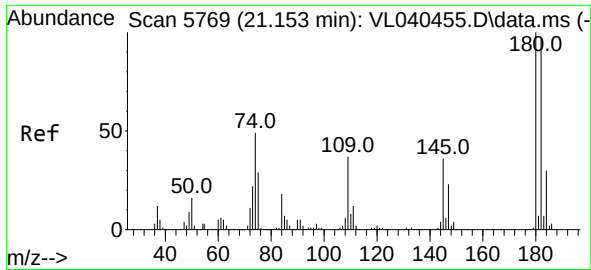
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
Naphthalene,2-methyl-
Concen: 0.120 ppbv m
RT: 24.368 min Scan# 6769
Delta R.T. -0.010 min
Lab File: VL040540.D
Acq: 15 Jul 2023 00:06

Tgt Ion:142 Resp: 10767
Ion Ratio Lower Upper
142 100
141 74.7 66.7 100.1
115 21.8 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 0.302 ppbv m

RT: 21.140 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL040540.D

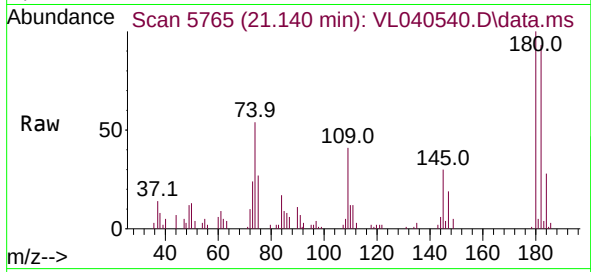
Acq: 15 Jul 2023 00:06

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023



Tgt Ion:180 Resp: 4531

Ion Ratio Lower Upper

180 100

182 89.8 77.5 116.3

184 0.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023

