

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040134.D
 Acq On : 30 Jan 2023 15:54
 Operator : SY/MD
 Sample : N4955-13 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022

Quant Time: Jan 31 05:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	857804	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2212269	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	1987336	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1635160	9.900	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	72144	0.480	ppbv	99
3) Chlorodifluoromethane	2.658	51	43947	0.427	ppbv	98
4) Chloromethane	2.796	50	29199	0.459	ppbv	100
5) Vinyl Chloride	2.906	62	20675	0.383	ppbv	99
6) Bromomethane	3.102	94	7945m	0.404	ppbv	
7) Chloroethane	3.182	64	7686	0.373	ppbv	93
8) Dichlorotetrafluoroethane	2.838	85	59770	0.426	ppbv	97
9) Propene	2.677	41	17741	0.415	ppbv	91
10) Heptane	7.565	43	33354	0.339	ppbv	96
11) Trichlorofluoromethane	3.545	101	59313	0.395	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.050	101	42729	0.379	ppbv	93
13) Ethanol	3.250	45	1702m	0.433	ppbv	
14) Bromoethene	3.349	108	15312	0.366	ppbv #	95
15) Acetone	3.472	43	46202	0.449	ppbv	90
16) 1,3-Butadiene	2.970	39	20701m	0.432	ppbv	
17) tert-Butyl alcohol	3.886	59	38061	0.397	ppbv	97
18) 1,1-Dichloroethene	3.864	96	19850m	0.405	ppbv	
19) Isopropyl Alcohol	3.584	45	20137	0.400	ppbv #	95
20) Methylene Chloride	3.922	84	20058	0.442	ppbv	95
21) Allyl Chloride	3.983	41	23806	0.360	ppbv	93
22) trans-1,2-Dichloroethene	4.433	96	17301	0.345	ppbv	95
23) Vinyl Acetate	4.619	43	12930m	0.388	ppbv	
24) 1,1-Dichloroethane	4.552	63	38040	0.377	ppbv #	96
25) Ethyl Acetate	5.205	43	71272	0.393	ppbv #	97
26) Hexane	5.205	57	32820m	0.414	ppbv	
27) Carbon Disulfide	4.115	76	31771m	0.309	ppbv	
28) Methyl tert-Butyl Ether	4.590	73	33716	0.378	ppbv	92
29) Chloroform	5.262	83	59044	0.466	ppbv #	81
30) Cyclohexane	6.597	84	30825m	0.489	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	28801	0.375	ppbv	92
32) 1,1,1-Trichloroethane	5.996	97	51008	0.396	ppbv	98
34) 2-Butanone	4.790	43	39552	0.378	ppbv	92
35) Carbon Tetrachloride	6.487	117	50561	0.404	ppbv	95
36) Benzene	6.362	78	62229	0.380	ppbv #	92
37) 1,2-Dichloroethane	5.793	62	42616	0.405	ppbv #	96
38) Trichloroethene	7.285	130	35881m	0.386	ppbv	
39) 1,2-Dichloropropane	7.057	63	26165m	0.409	ppbv	
40) 1,4-Dioxane	7.314	88	10299m	0.405	ppbv	
41) Tetrahydrofuran	5.578	42	25442m	0.421	ppbv	
42) Bromodichloromethane	7.240	83	52421	0.369	ppbv #	95
43) Methyl Methacrylate	7.478	69	20994m	0.349	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	106286m	0.390	ppbv	
45) t-1,3-Dichloropropene	8.712	75	16186m	0.302	ppbv	

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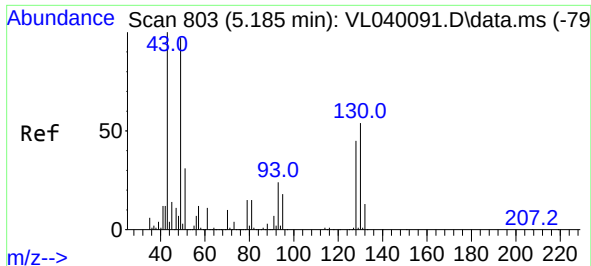
Quant Time: Jan 31 05:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
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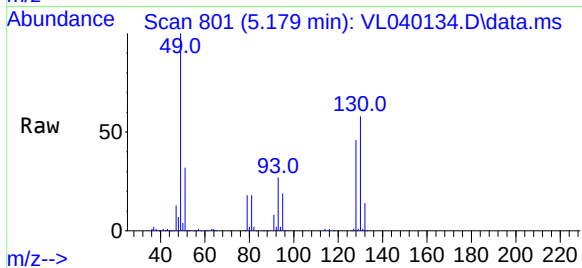
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	24441m	0.334	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	27586	0.409	ppbv	91
48) Dibromochloromethane	9.703	129	38236m	0.353	ppbv	
49) Bromoform	12.404	173	26579	0.318	ppbv	98
50) 4-Methyl-2-Pentanone	8.198	43	59392m	0.361	ppbv	
51) 2-Hexanone	9.568	43	39389m	0.316	ppbv	
52) Tetrachloroethene	10.613	164	22360	0.418	ppbv #	83
53) Toluene	9.214	91	59517m	0.341	ppbv	
54) 1,2-Dibromoethane	10.005	107	27390m	0.388	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.497	131	32124m	0.415	ppbv	
57) Chlorobenzene	11.516	112	59899m	0.442	ppbv	
58) Ethyl Benzene	12.092	91	80017m	0.361	ppbv	
59) m/p-Xylene	12.371	91	140718m	0.706	ppbv	
60) o-Xylene	13.056	91	63893	0.338	ppbv	98
61) Styrene	12.899	104	28437m	0.288	ppbv	
62) Isopropylbenzene	14.027	105	103345	0.380	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.040	83	29300m	0.426	ppbv	
64) n-propylbenzene	14.912	120	23055m	0.341	ppbv	
65) tert-Butylbenzene	16.095	119	81093m	0.348	ppbv	
66) Benzyl Chloride	16.330	91	4655m	0.292	ppbv	
67) sec-Butylbenzene	16.641	105	120124m	0.364	ppbv	
69) p-Isopropyltoluene	17.002	119	84416	0.325	ppbv	94
70) n-Butylbenzene	17.886	91	95756m	0.342	ppbv	
71) 2-Chlorotoluene	14.802	91	74859m	0.358	ppbv	
72) 4-Ethyltoluene	15.191	105	73502m	0.350	ppbv	
73) 1,3,5-Trimethylbenzene	15.355	105	65888m	0.348	ppbv	
74) 1,2,4-Trimethylbenzene	16.104	105	77210m	0.369	ppbv	
75) 1,3-Dichlorobenzene	16.333	146	43079m	0.370	ppbv	
76) 1,4-Dichlorobenzene	16.474	146	46258m	0.404	ppbv	
77) 1,2-Dichlorobenzene	17.146	146	42616m	0.383	ppbv	
78) Hexachloro-1,3-Butadiene	22.648	225	35300m	0.433	ppbv	
79) Naphthalene	21.397	128	32205m	0.268	ppbv	
80) Naphthalene,2-methyl-	24.387	142	7855m	0.194	ppbv	
81) 1,2,4-Trichlorobenzene	21.149	180	23382m	0.316	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

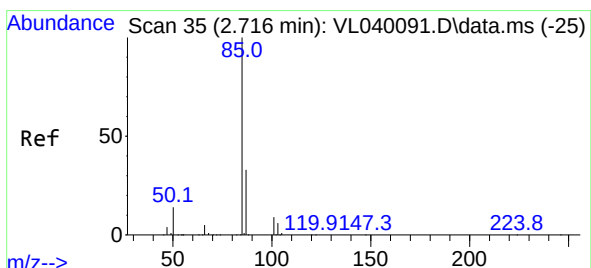
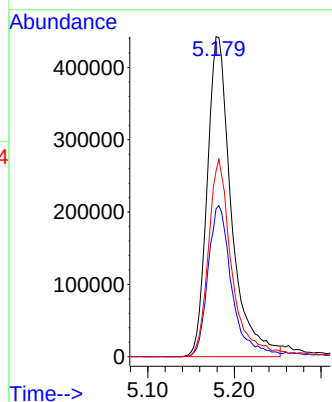
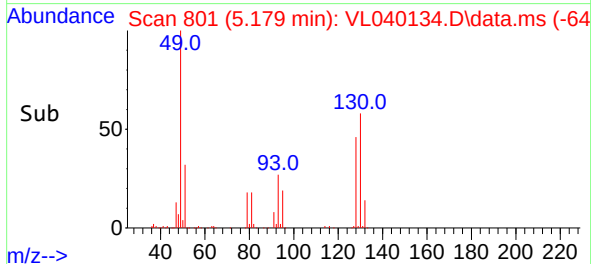
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 49 Resp: 857804
Ion Ratio Lower Upper
49 100
128 48.6 23.6 71.0
130 61.1 29.8 89.3

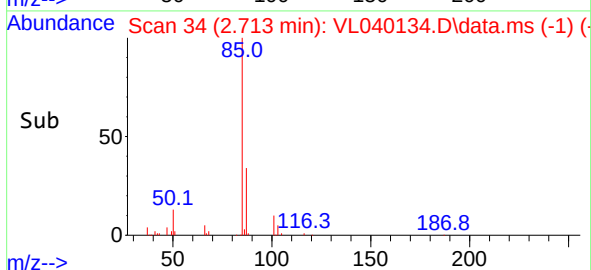
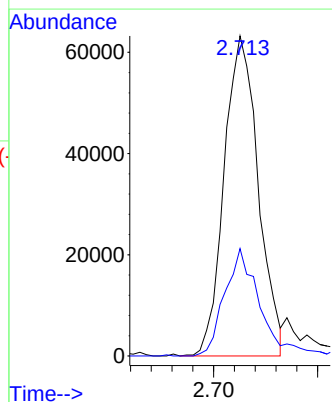
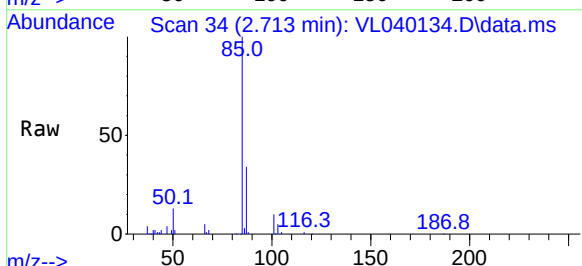
Manual Integrations
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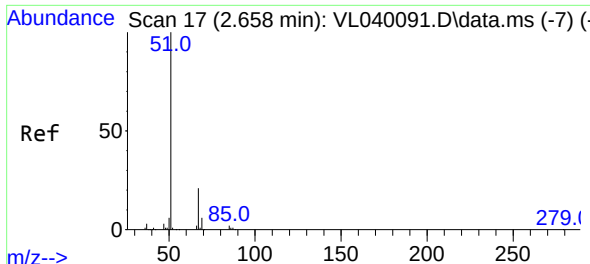
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#2
Dichlorodifluoromethane
Concen: 0.480 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

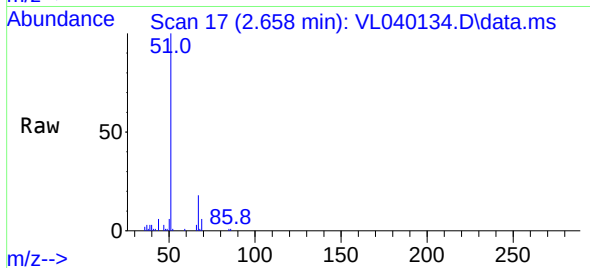
Tgt Ion: 85 Resp: 72144
Ion Ratio Lower Upper
85 100
87 33.5 26.5 39.7





#3
Chlorodifluoromethane
Concen: 0.427 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

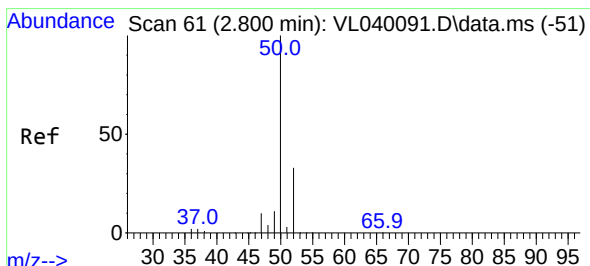
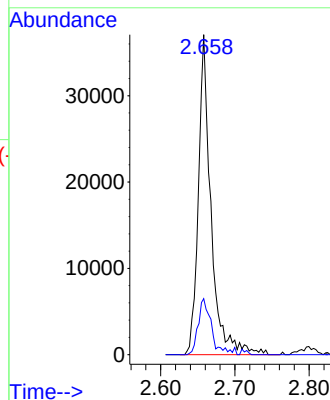
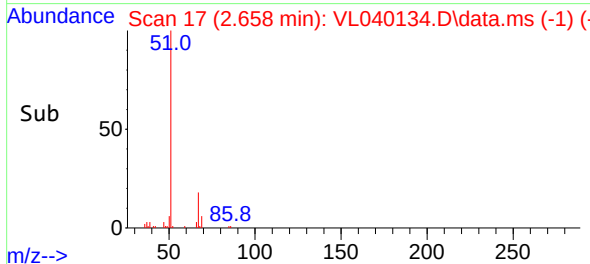
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



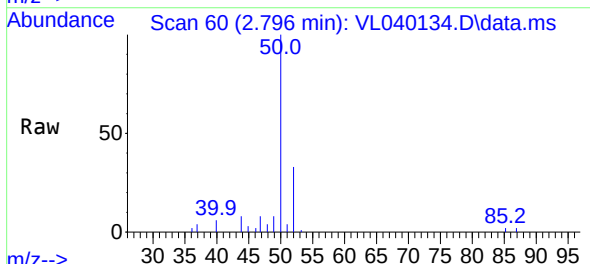
Tgt Ion: 51 Resp: 4394
Ion Ratio Lower Upper
51 100
67 19.5 16.4 24.6

Manual Integrations
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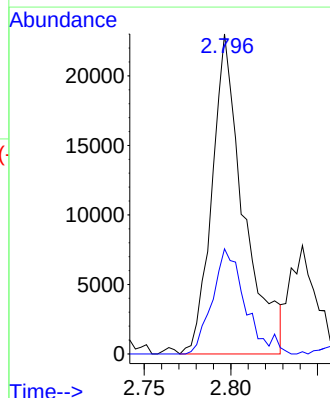
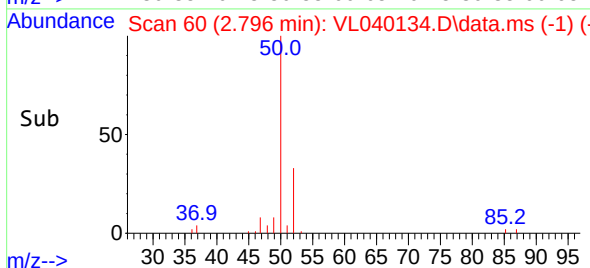
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



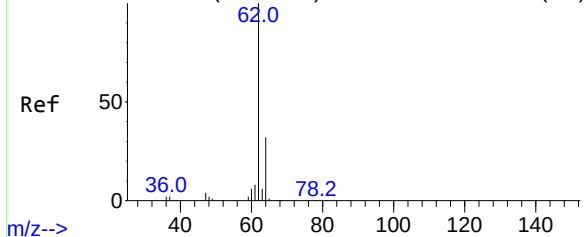
#4
Chloromethane
Concen: 0.459 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



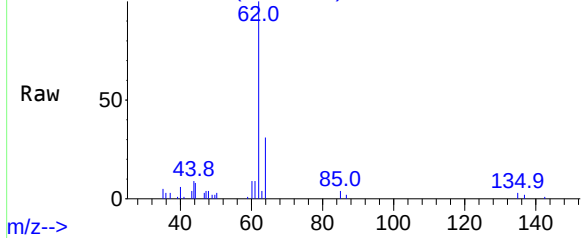
Tgt Ion: 50 Resp: 29199
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7



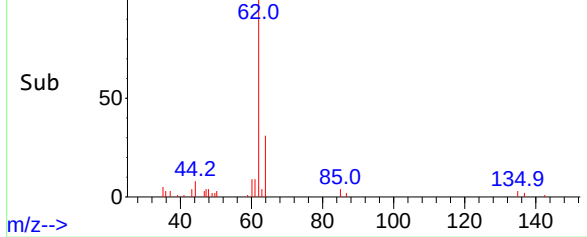
Abundance Scan 94 (2.906 min): VL040091.D\data.ms (-82)



Abundance Scan 94 (2.906 min): VL040134.D\data.ms



Abundance Scan 94 (2.906 min): VL040134.D\data.ms (-1)



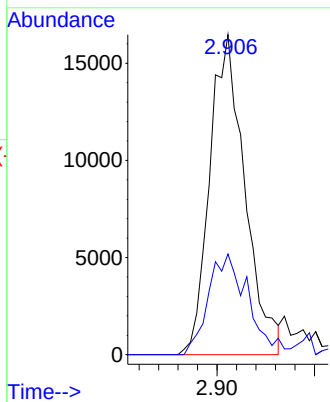
#5
Vinyl Chloride
Concen: 0.383 ppbv
RT: 2.906 min Scan# 94
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

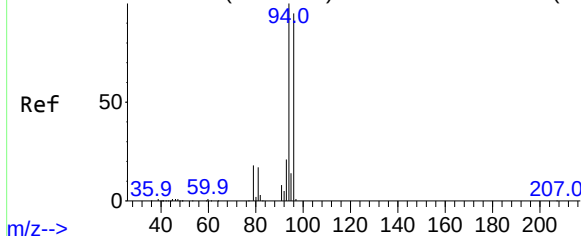
Tgt Ion: 62 Resp: 2067
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6

Manual Integrations
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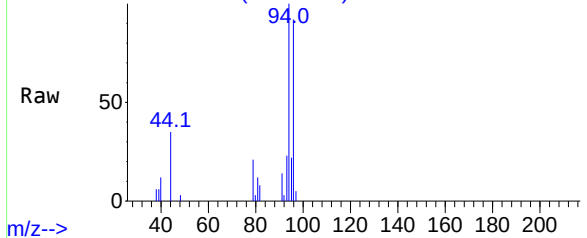
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



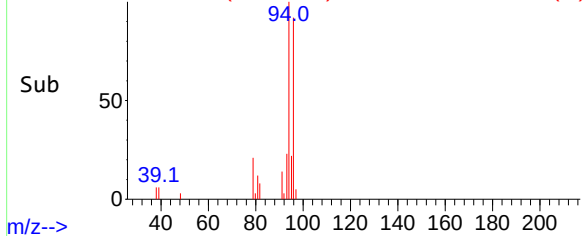
Abundance Scan 156 (3.105 min): VL040091.D\data.ms (-14)



Abundance Scan 155 (3.102 min): VL040134.D\data.ms

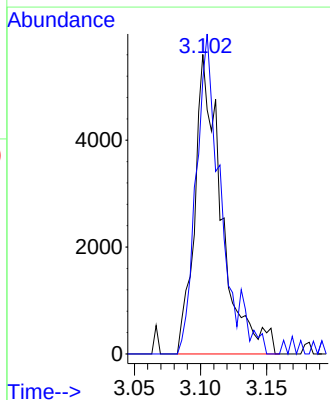


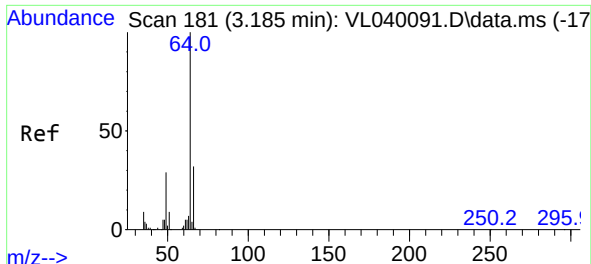
Abundance Scan 155 (3.102 min): VL040134.D\data.ms (-1)



#6
Bromomethane
Concen: 0.404 ppbv m
RT: 3.102 min Scan# 155
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

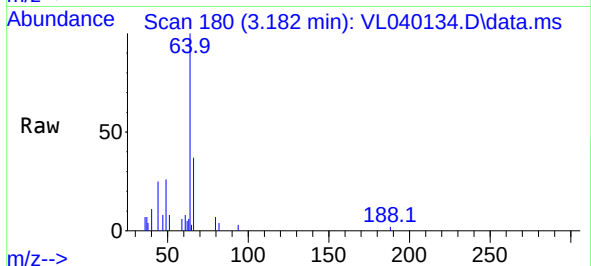
Tgt Ion: 94 Resp: 7945
Ion Ratio Lower Upper
94 100
96 91.6 76.2 114.2





#7
Chloroethane
Concen: 0.373 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

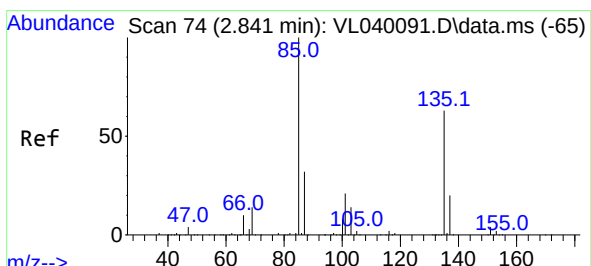
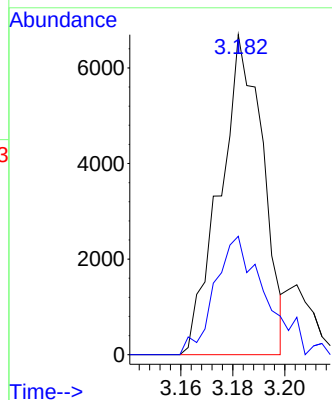
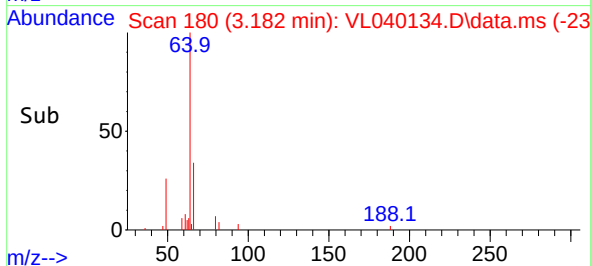
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 64 Resp: 7680
Ion Ratio Lower Upper
64 100
66 35.9 25.6 38.4

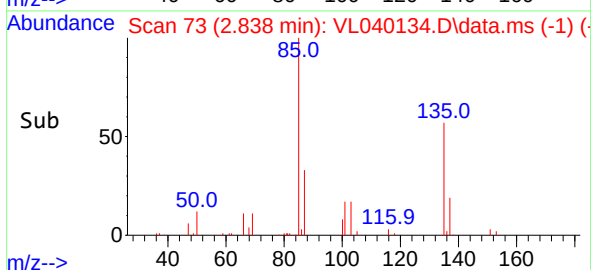
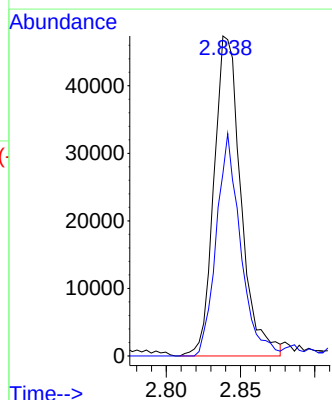
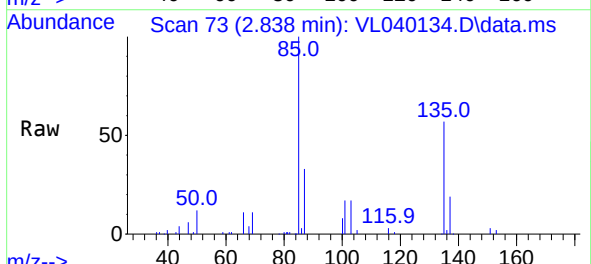
Manual Integrations
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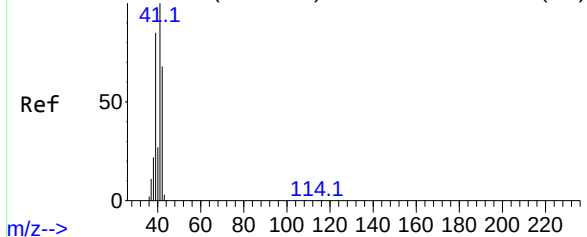


#8
Dichlorotetrafluoroethane
Concen: 0.426 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 85 Resp: 59770
Ion Ratio Lower Upper
85 100
135 66.6 51.4 77.2



Abundance Scan 23 (2.677 min): VL040091.D\data.ms (-15)



#9

Propene

Concen: 0.415 ppbv

RT: 2.677 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 41 Resp: 1774

Ion Ratio Lower Upper

41 100

42 76.5 55.6 83.4

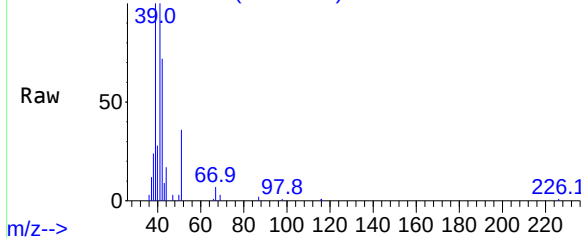
Manual Integrations

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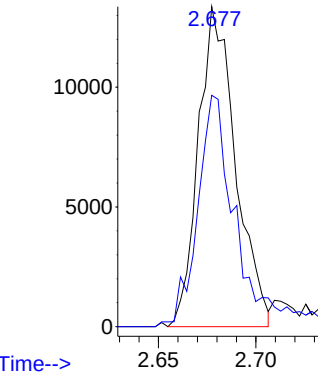
Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

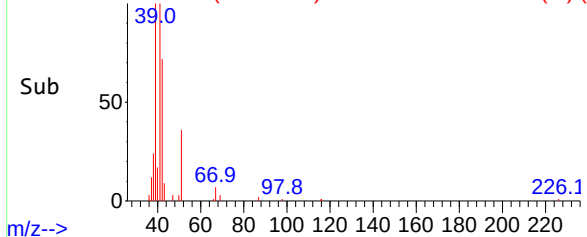
Abundance Scan 23 (2.677 min): VL040134.D\data.ms



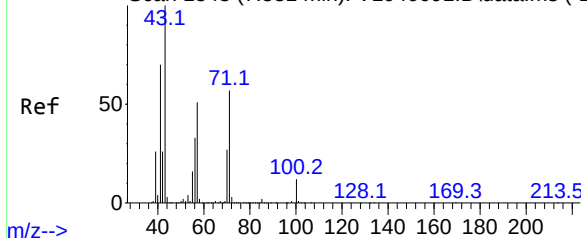
Abundance



Abundance Scan 23 (2.677 min): VL040134.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040091.D\data.ms (-1)



#10

Heptane

Concen: 0.339 ppbv

RT: 7.565 min Scan# 1543

Delta R.T. -0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

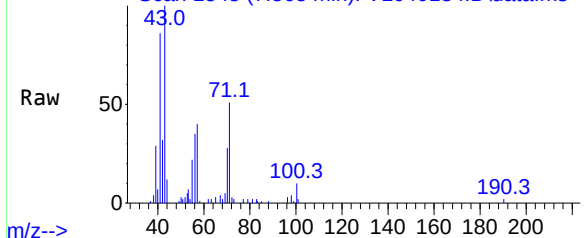
Tgt Ion: 43 Resp: 33354

Ion Ratio Lower Upper

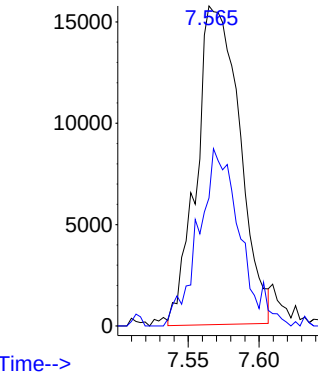
43 100

57 53.6 40.9 61.3

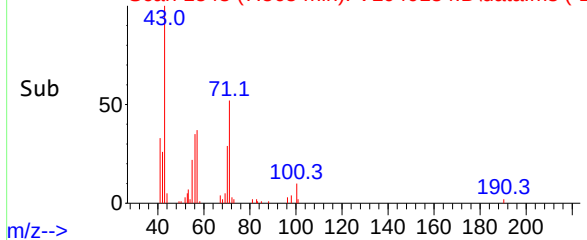
Abundance Scan 1543 (7.565 min): VL040134.D\data.ms

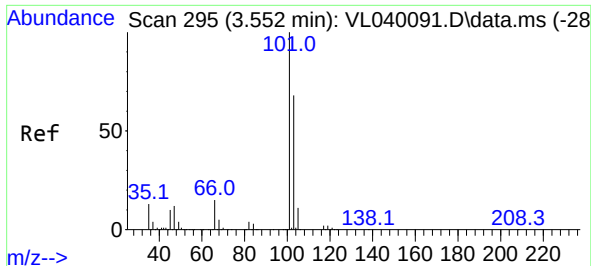


Abundance



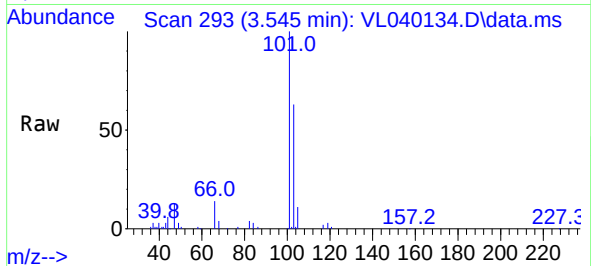
Abundance Scan 1543 (7.565 min): VL040134.D\data.ms (-1)





#11
 Trichlorofluoromethane
 Concen: 0.395 ppbv
 RT: 3.545 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

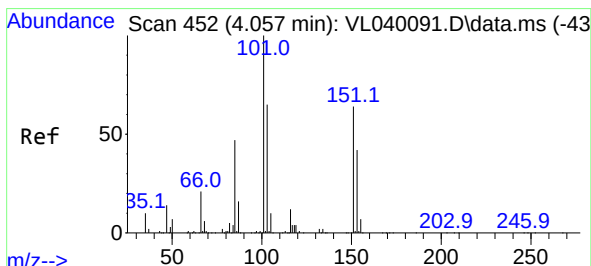
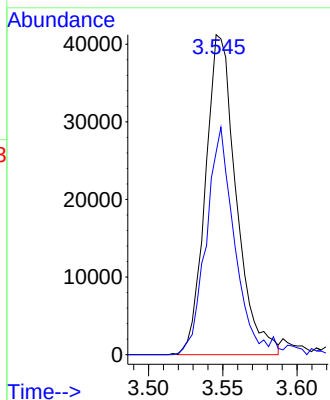
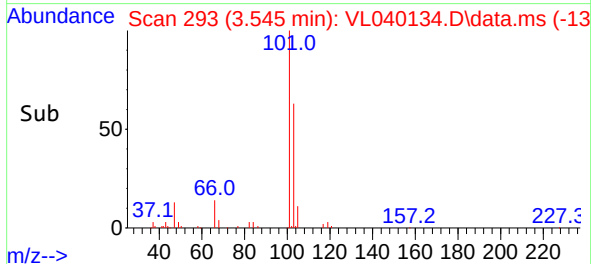
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022



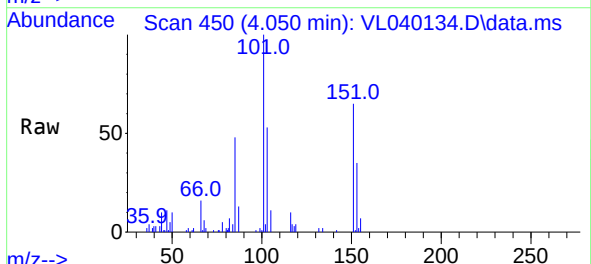
Tgt Ion:101 Resp: 5931
 Ion Ratio Lower Upper
 101 100
 103 62.9 54.0 81.0

Manual Integrations APPROVED

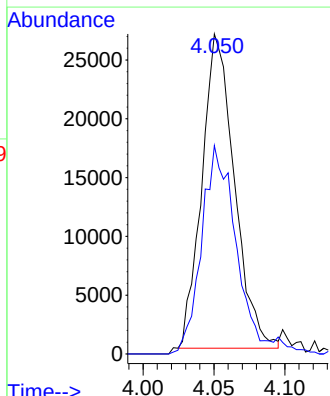
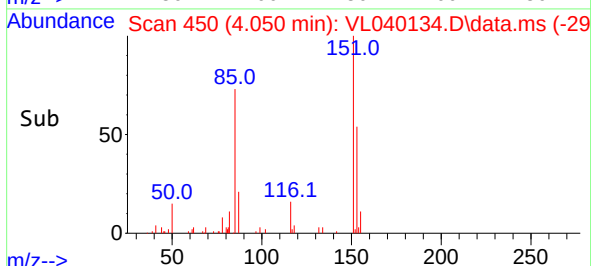
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

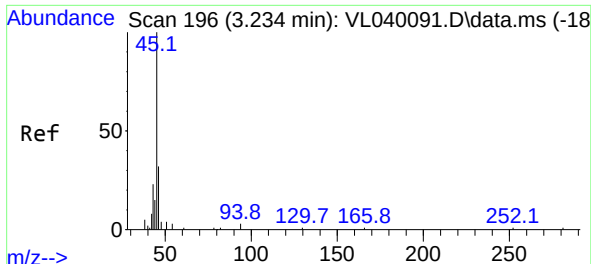


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.379 ppbv
 RT: 4.050 min Scan# 450
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54



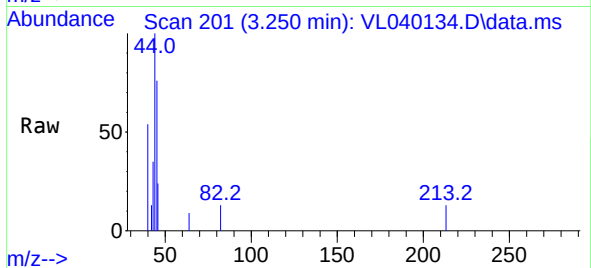
Tgt Ion:101 Resp: 42729
 Ion Ratio Lower Upper
 101 100
 151 71.9 53.2 79.8





#13
Ethanol
Concen: 0.433 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.022 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

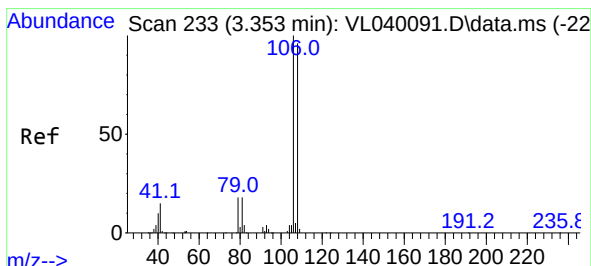
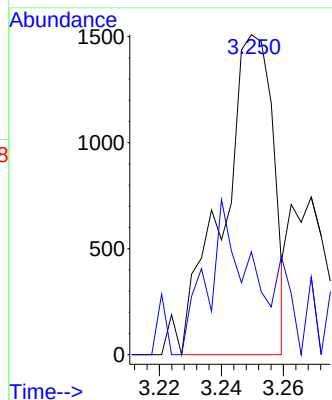
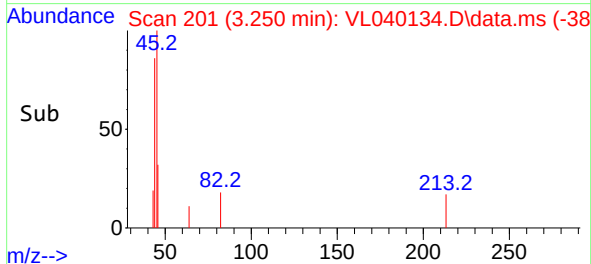
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



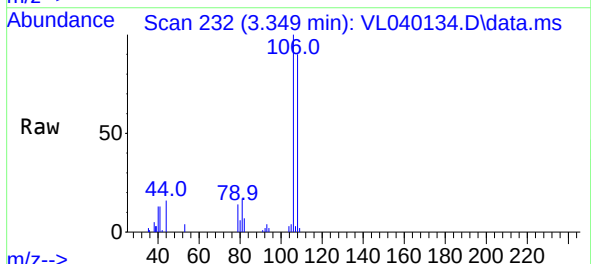
Tgt Ion: 45 Resp: 1702
Ion Ratio Lower Upper
45 100
46 50.9 14.8 59.2

Manual Integrations
APPROVED

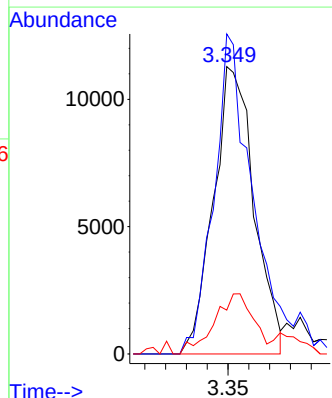
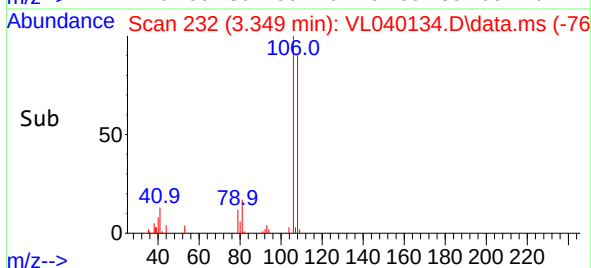
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

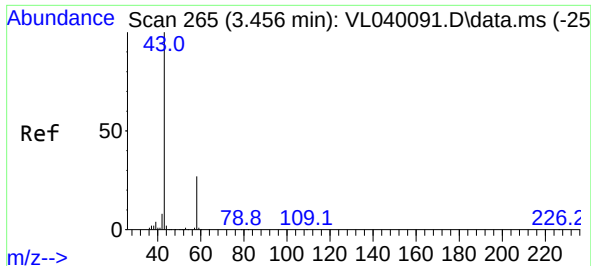


#14
Bromoethene
Concen: 0.366 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



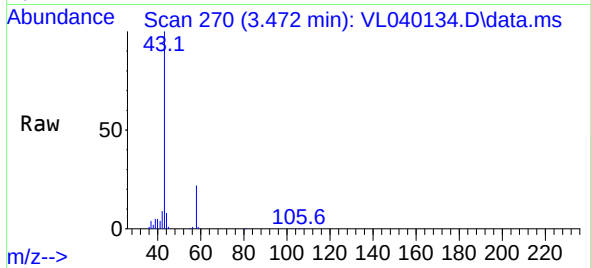
Tgt Ion:108 Resp: 15312
Ion Ratio Lower Upper
108 100
106 112.0 87.0 130.6
79 26.3 16.1 24.1#





#15
Acetone
Concen: 0.449 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

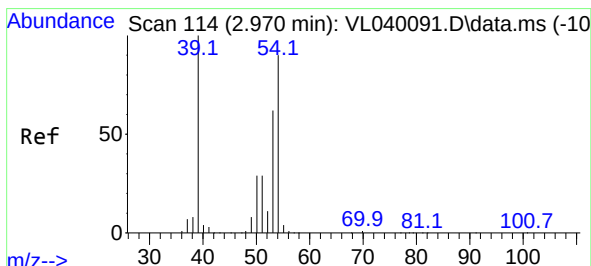
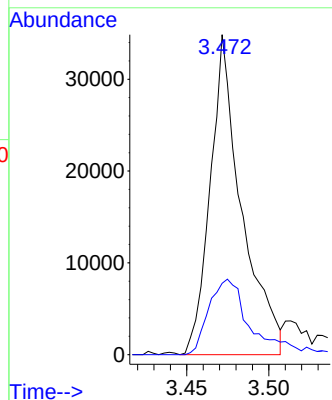
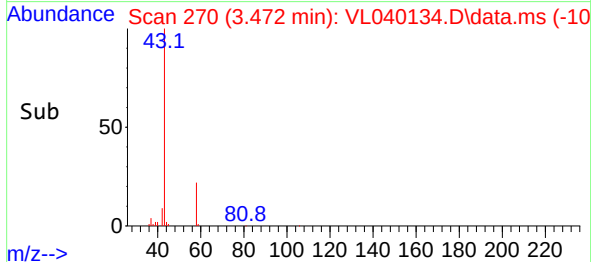
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



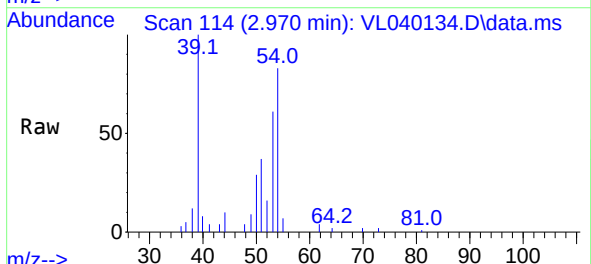
Tgt Ion: 43 Resp: 4620
Ion Ratio Lower Upper
43 100
58 32.6 21.8 32.8

Manual Integrations
APPROVED

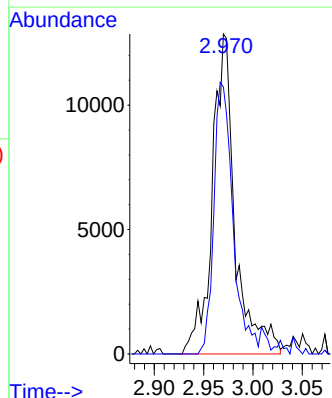
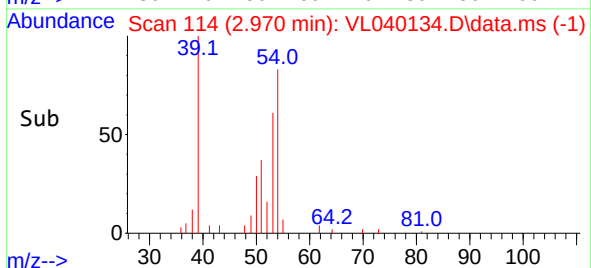
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

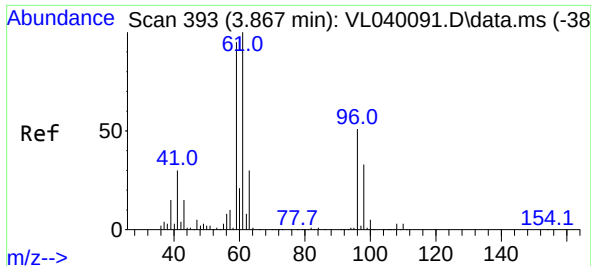


#16
1,3-Butadiene
Concen: 0.432 ppbv m
RT: 2.970 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



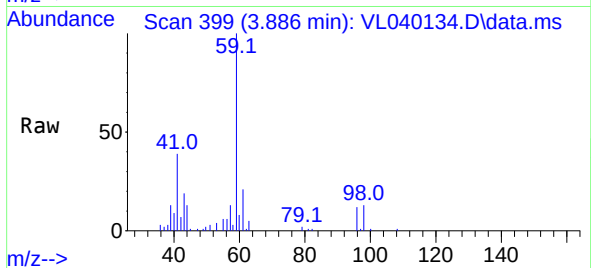
Tgt Ion: 39 Resp: 20701
Ion Ratio Lower Upper
39 100
54 74.3 67.9 101.9





#17
tert-Butyl alcohol
Concen: 0.397 ppbv
RT: 3.886 min Scan# 391
Delta R.T. 0.026 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

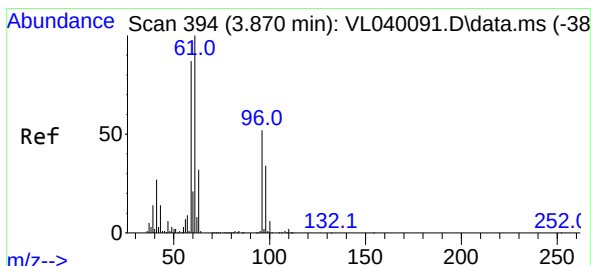
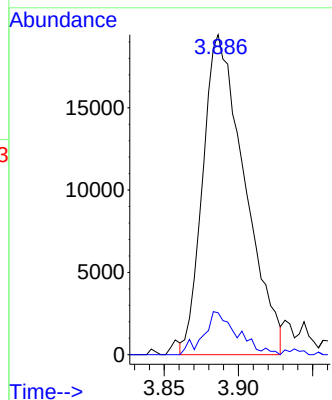
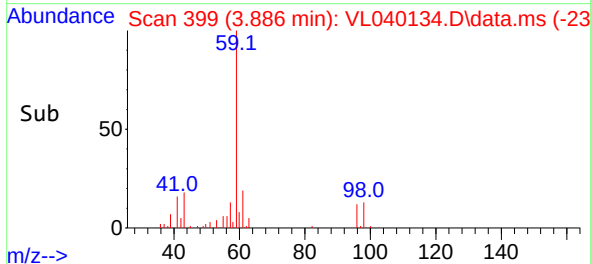
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



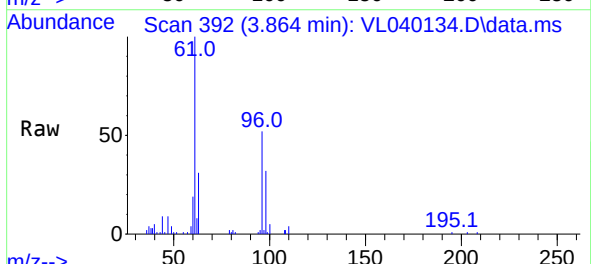
Tgt Ion: 59 Resp: 3806
Ion Ratio Lower Upper
59 100
57 11.6 8.5 12.7

Manual Integrations
APPROVED

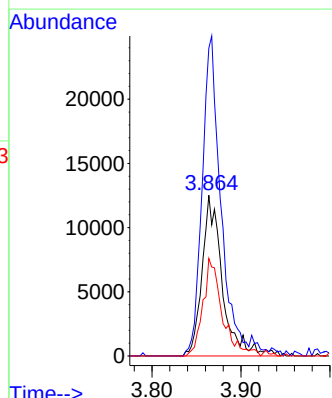
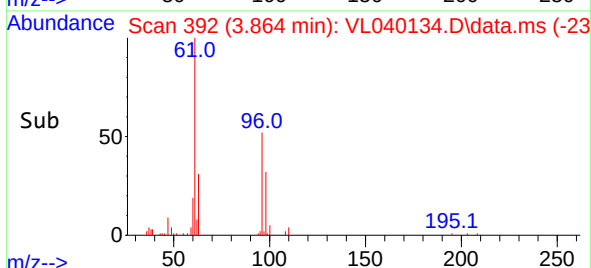
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

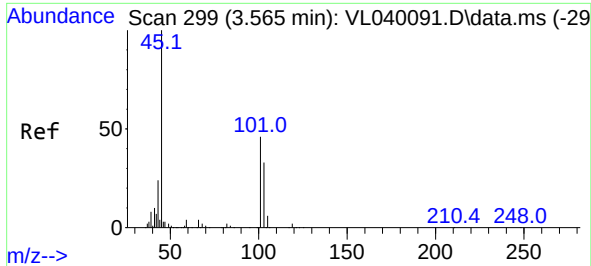


#18
1,1-Dichloroethene
Concen: 0.405 ppbv m
RT: 3.864 min Scan# 392
Delta R.T. 0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



Tgt Ion: 96 Resp: 19850
Ion Ratio Lower Upper
96 100
61 191.6 153.0 229.4
98 60.6 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.400 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.026 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

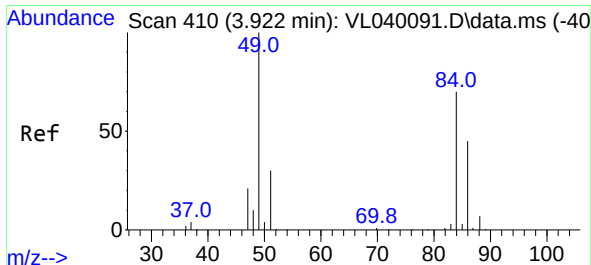
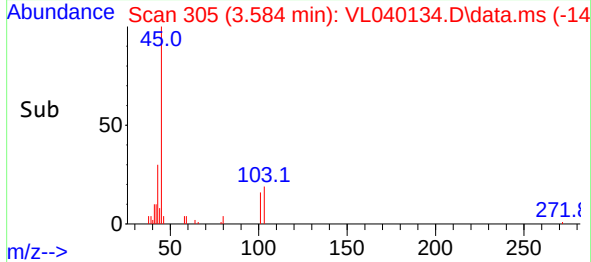
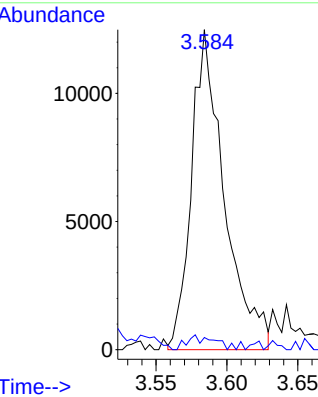
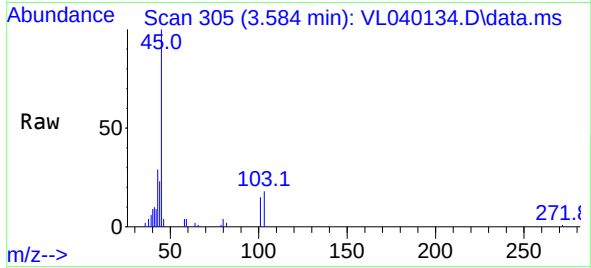
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 45 Resp: 2013
 Ion Ratio Lower Upper
 45 100
 58 4.8 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#20

Methylene Chloride

Concen: 0.442 ppbv

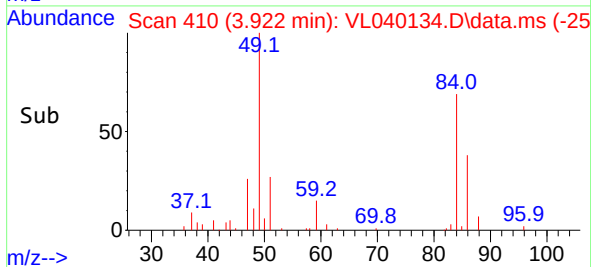
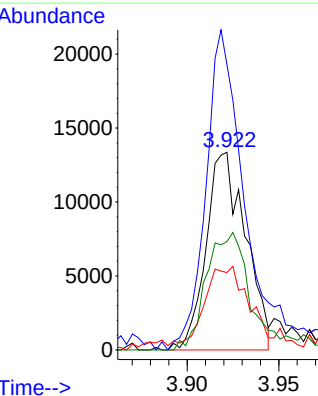
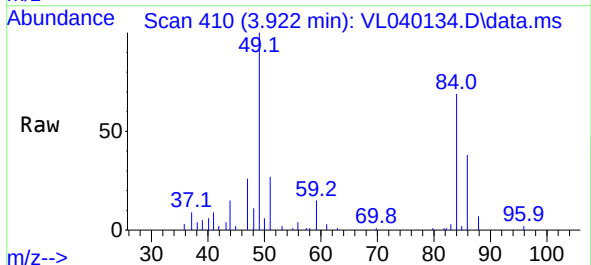
RT: 3.922 min Scan# 410

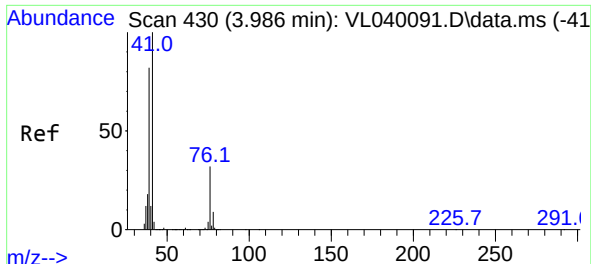
Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion: 84 Resp: 20058
 Ion Ratio Lower Upper
 84 100
 49 144.4 114.6 171.8
 51 36.9 34.3 51.5
 86 54.8 51.8 77.8





#21

Allyl Chloride

Concen: 0.360 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

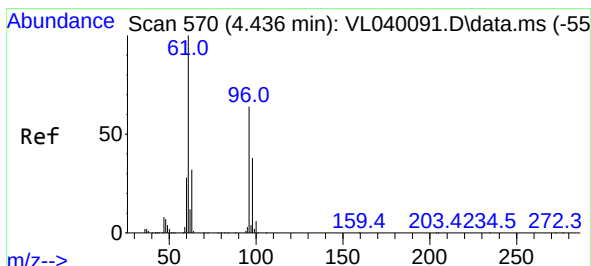
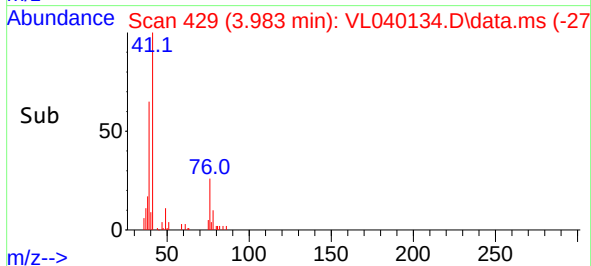
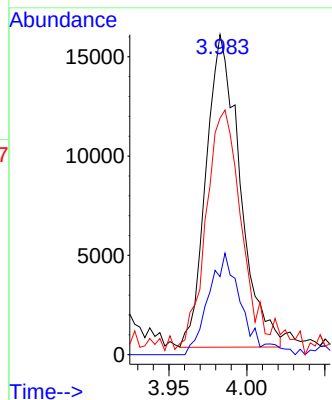
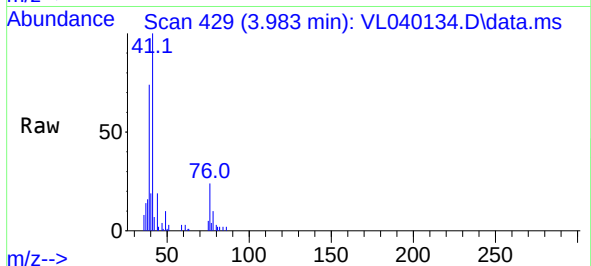
Tgt Ion: 41 Resp: 23800

Ion	Ratio	Lower	Upper
41	100		
76	31.9	25.9	38.9
39	91.9	66.8	100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#22

trans-1,2-Dichloroethene

Concen: 0.345 ppbv

RT: 4.433 min Scan# 569

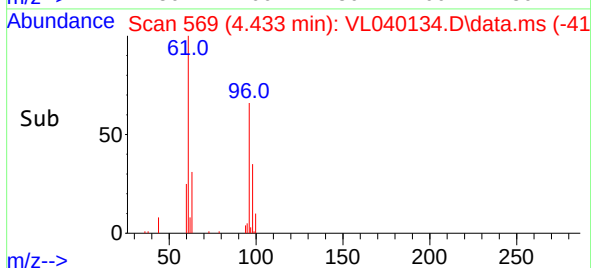
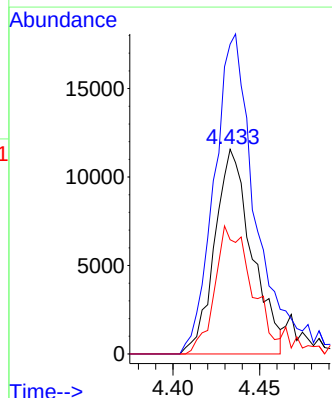
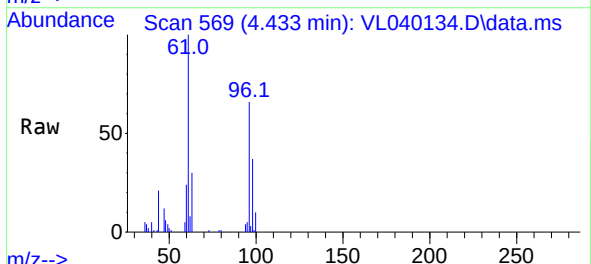
Delta R.T. 0.003 min

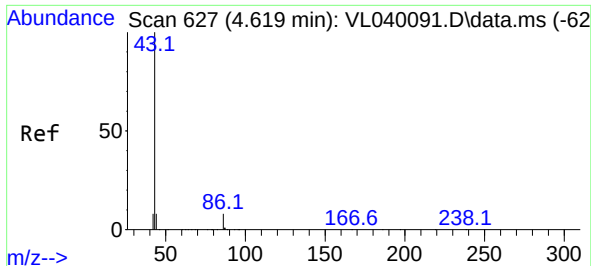
Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion: 96 Resp: 17301

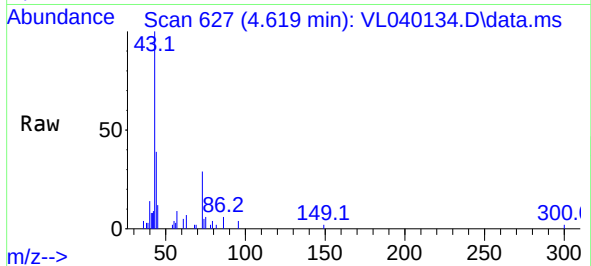
Ion	Ratio	Lower	Upper
96	100		
61	151.4	125.8	188.8
98	55.8	47.4	71.2





#23
 Vinyl Acetate
 Concen: 0.388 ppbv m
 RT: 4.619 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

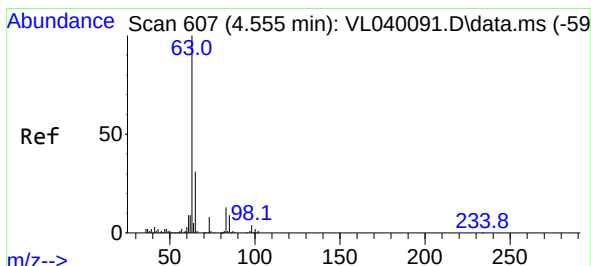
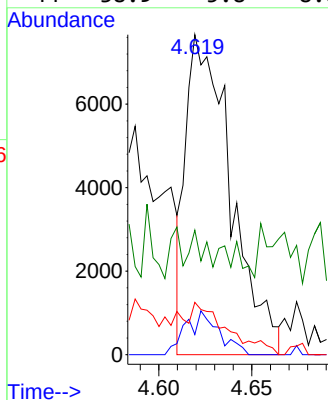
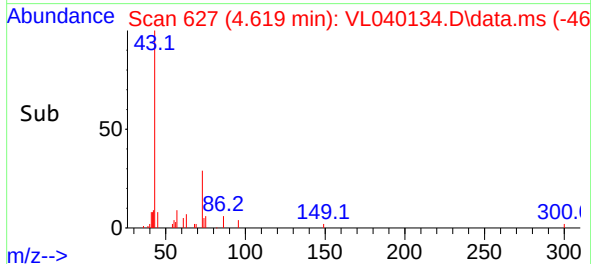
Instrument :
 MSVOA_1
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 43 Resp: 12930
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.6 8.4
 42 8.9 7.7 11.5
 44 38.9 5.8 8.8#

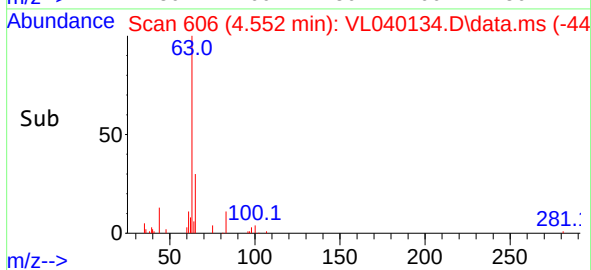
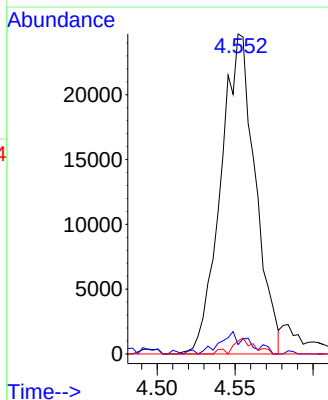
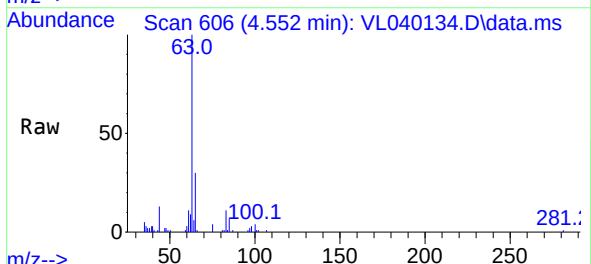
Manual Integrations
 APPROVED

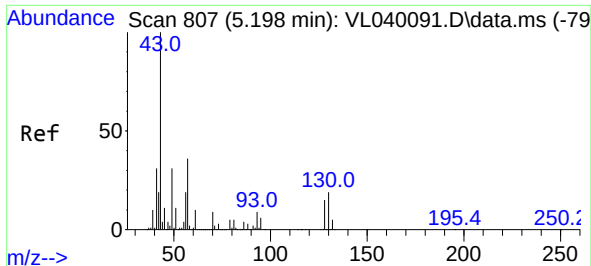
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#24
 1,1-Dichloroethane
 Concen: 0.377 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

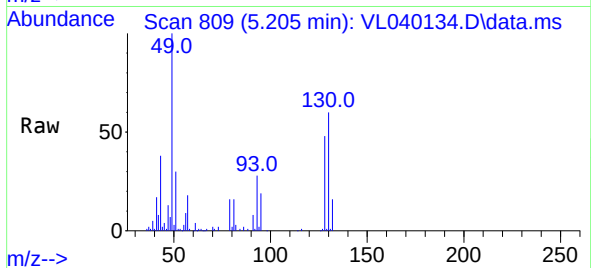
Tgt Ion: 63 Resp: 38040
 Ion Ratio Lower Upper
 63 100
 98 2.9 2.0 5.8
 100 4.0 1.1 3.5#





#25
Ethyl Acetate
Concen: 0.393 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.016 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

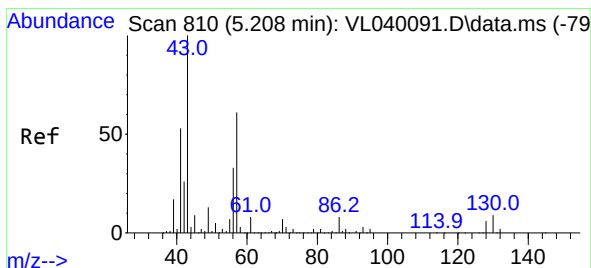
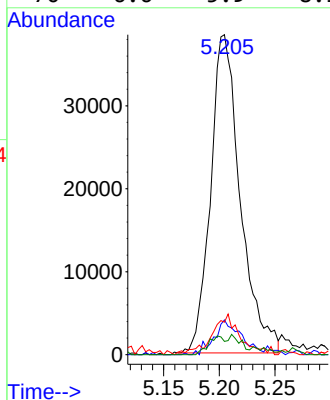
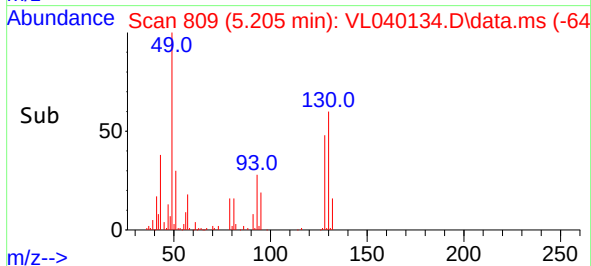


Tgt Ion: 43 Resp: 71272

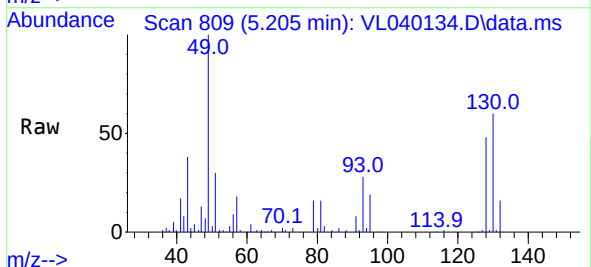
Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.5	12.7
61	12.8	8.4	12.6
70	6.6	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

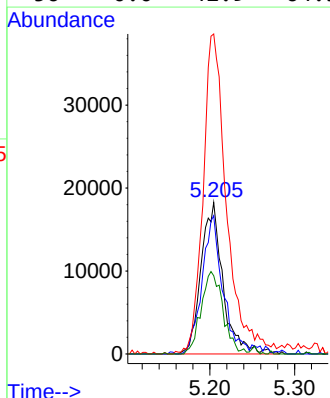
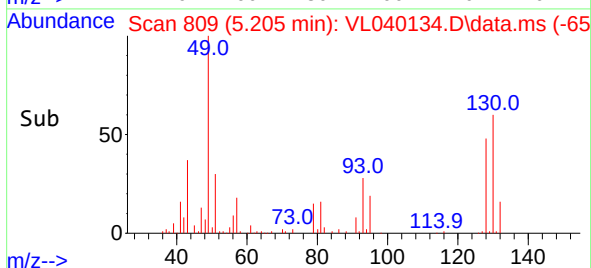


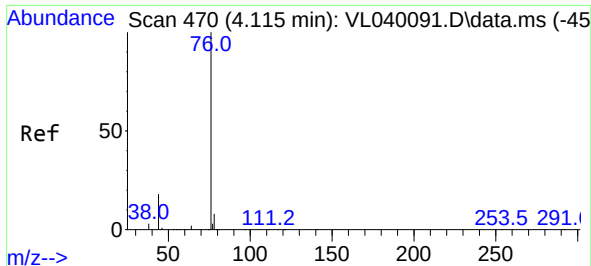
#26
Hexane
Concen: 0.414 ppbv m
RT: 5.205 min Scan# 809
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



Tgt Ion: 57 Resp: 32820

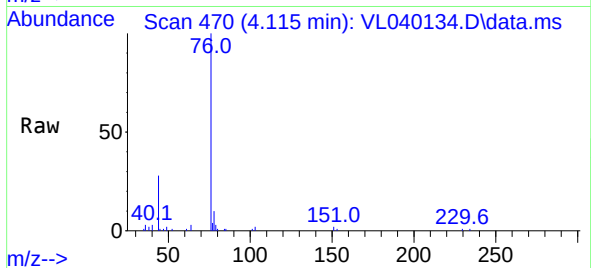
Ion	Ratio	Lower	Upper
57	100		
41	0.0	72.2	108.4#
43	0.0	192.1	288.1#
56	0.0	42.9	64.3#





#27
Carbon Disulfide
Concen: 0.309 ppbv m
RT: 4.115 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

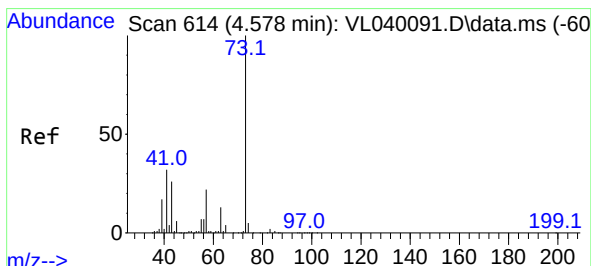
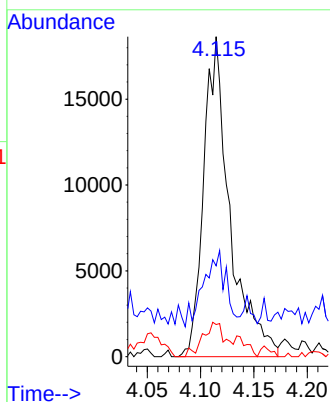
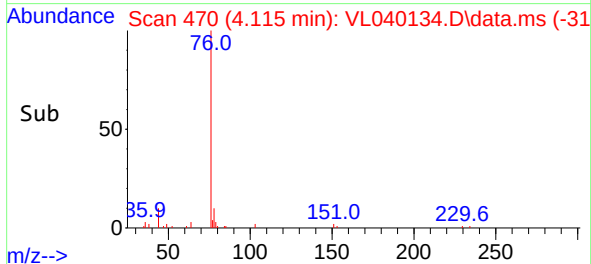
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 76 Resp: 3177
Ion Ratio Lower Upper
76 100
44 25.6 14.9 22.3
78 13.2 8.2 12.2

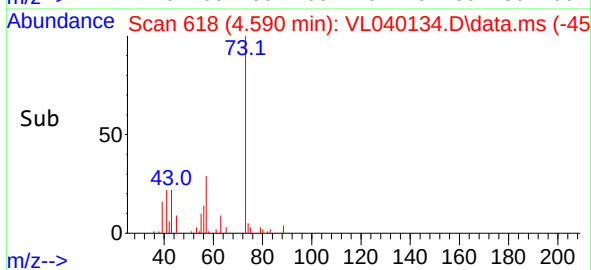
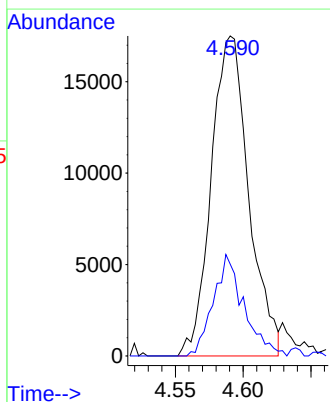
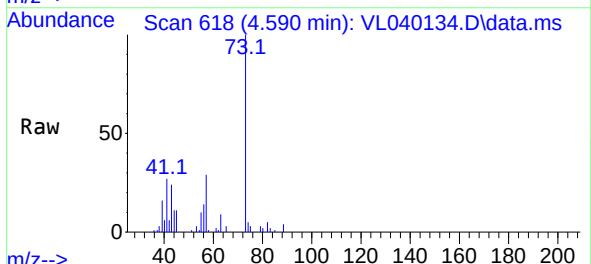
Manual Integrations
APPROVED

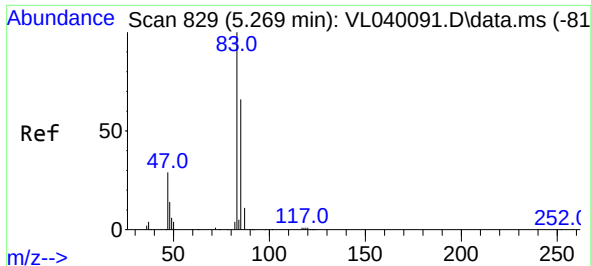
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#28
Methyl tert-Butyl Ether
Concen: 0.378 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.022 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 73 Resp: 33716
Ion Ratio Lower Upper
73 100
57 26.8 18.3 27.5





#29

Chloroform

Concen: 0.466 ppbv

RT: 5.262 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

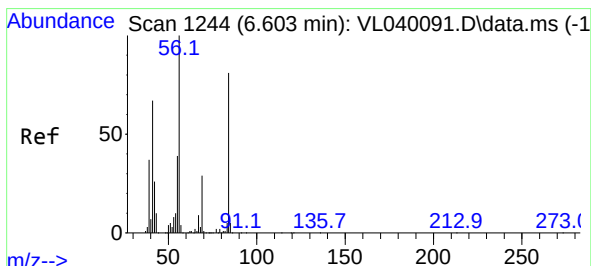
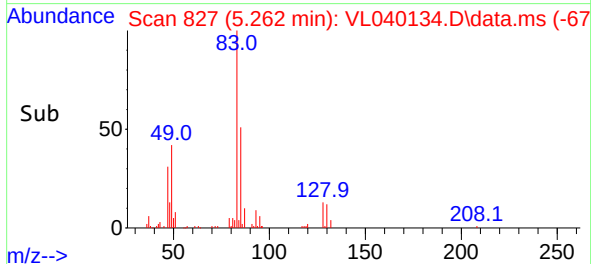
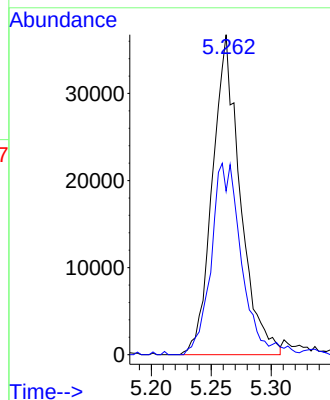
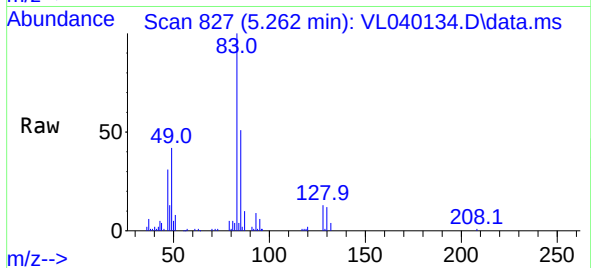
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 83 Resp: 59044
 Ion Ratio Lower Upper
 83 100
 85 51.1 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#30

Cyclohexane

Concen: 0.489 ppbv m

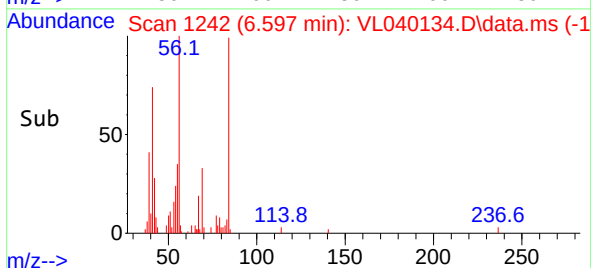
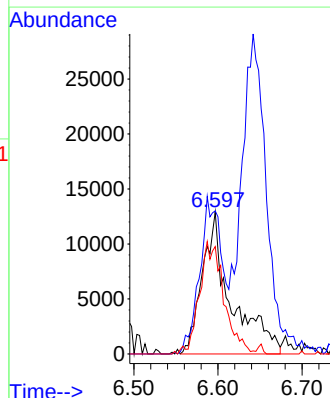
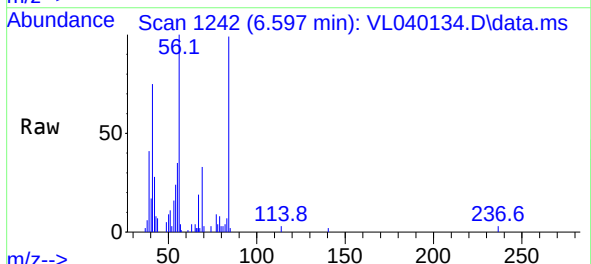
RT: 6.597 min Scan# 1242

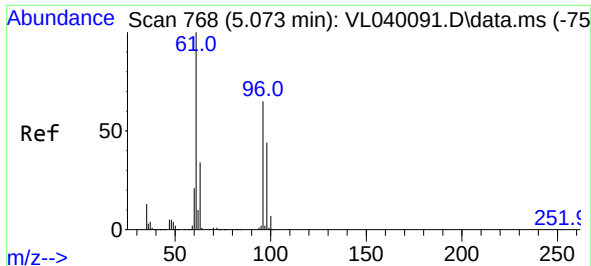
Delta R.T. 0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

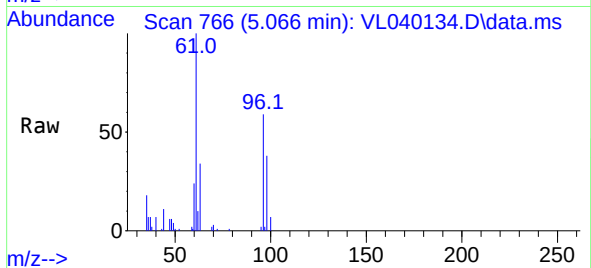
Tgt Ion: 84 Resp: 30825
 Ion Ratio Lower Upper
 84 100
 56 81.7 111.5 167.3#
 41 68.3 71.4 107.0#





#31
cis-1,2-Dichloroethene
Concen: 0.375 ppbv
RT: 5.066 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

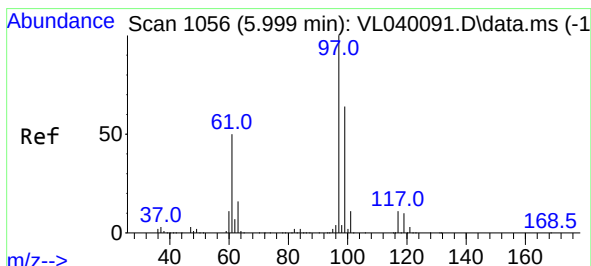
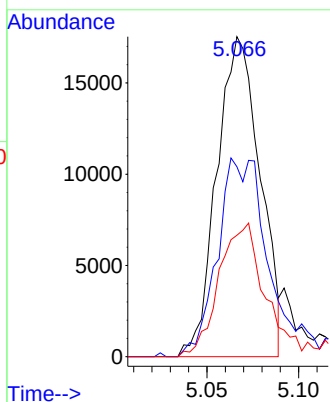
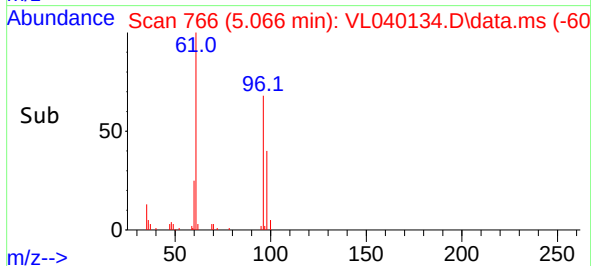
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 61 Resp: 2880
Ion Ratio Lower Upper
61 100
96 59.3 52.0 78.0
98 38.0 35.3 52.9

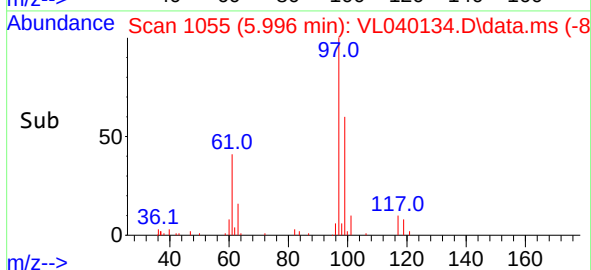
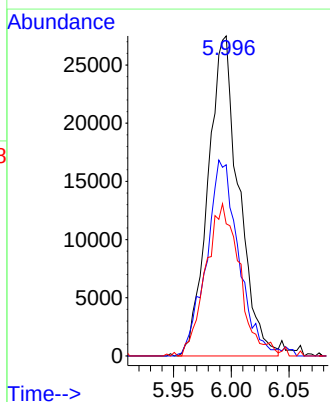
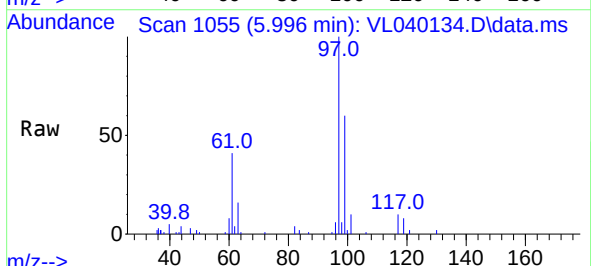
Manual Integrations
APPROVED

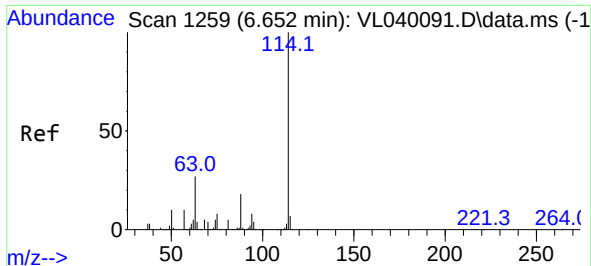
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#32
1,1,1-Trichloroethane
Concen: 0.396 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 97 Resp: 51008
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 53.0 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040134.D

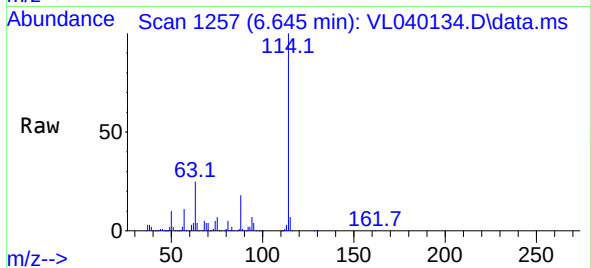
Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022



Tgt Ion:114 Resp: 221226

Ion Ratio Lower Upper

114 100

63 25.5 21.8 32.8

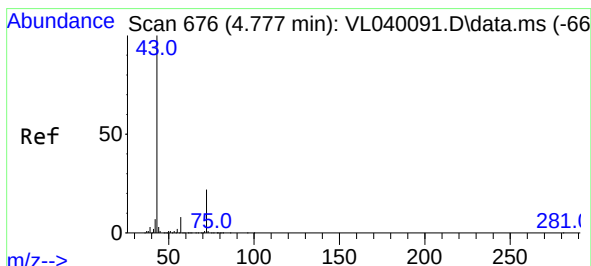
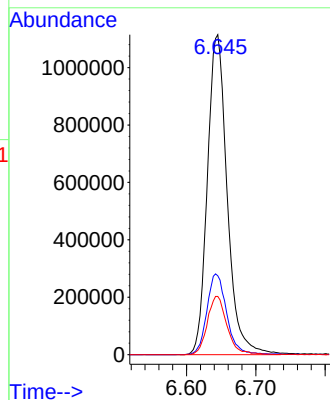
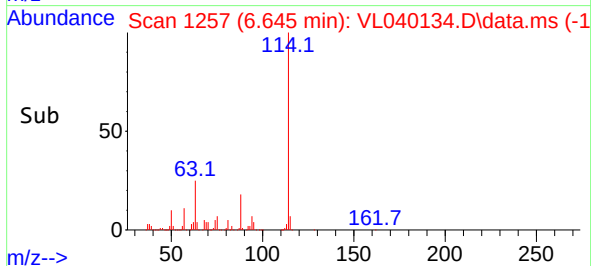
88 18.3 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#34

2-Butanone

Concen: 0.378 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.019 min

Lab File: VL040134.D

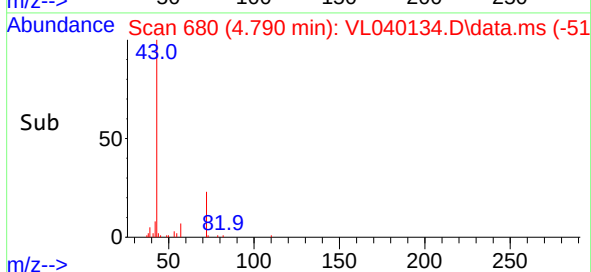
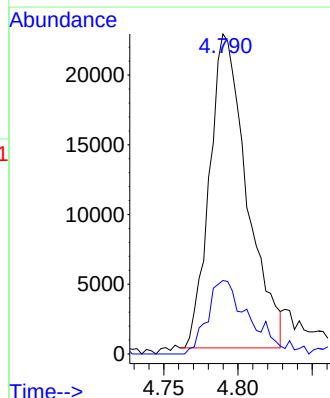
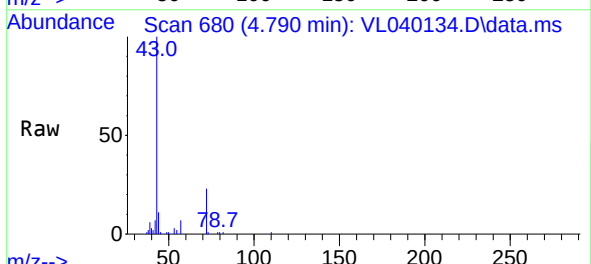
Acq: 30 Jan 2023 15:54

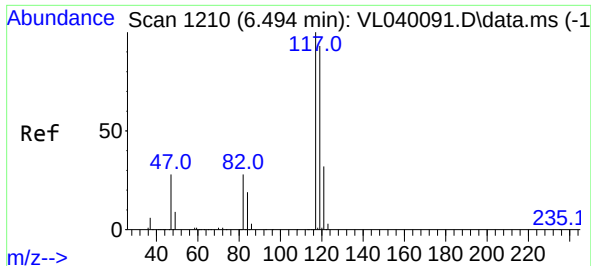
Tgt Ion: 43 Resp: 39552

Ion Ratio Lower Upper

43 100

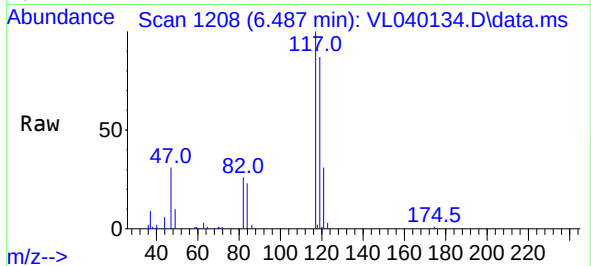
72 26.7 18.4 27.6





#35
Carbon Tetrachloride
Concen: 0.404 ppbv
RT: 6.487 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

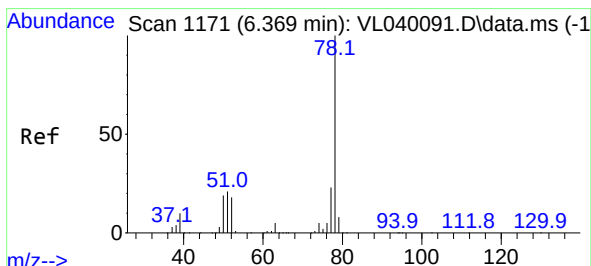
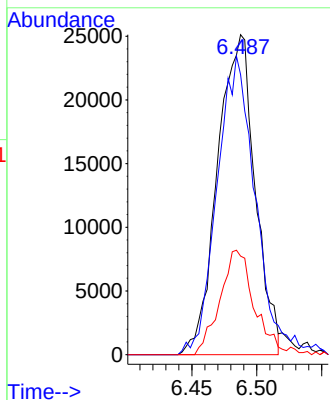
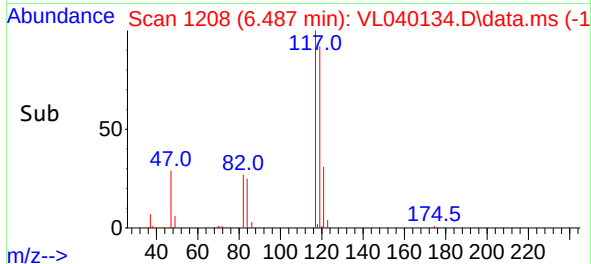
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 117 Resp: 5056
Ion Ratio Lower Upper
117 100
119 87.5 74.5 111.7
121 30.8 25.4 38.0

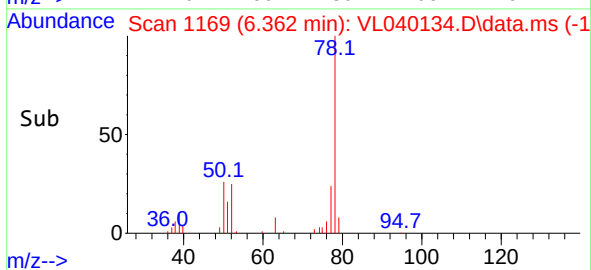
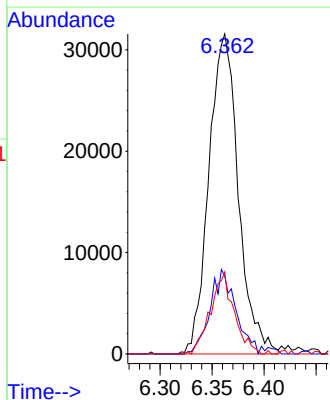
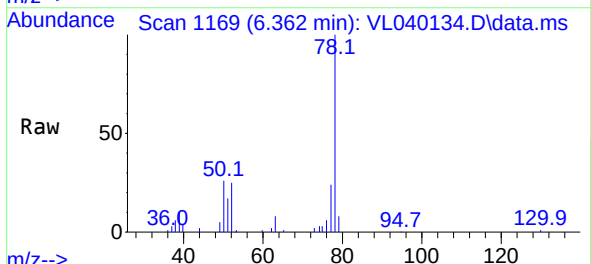
Manual Integrations
APPROVED

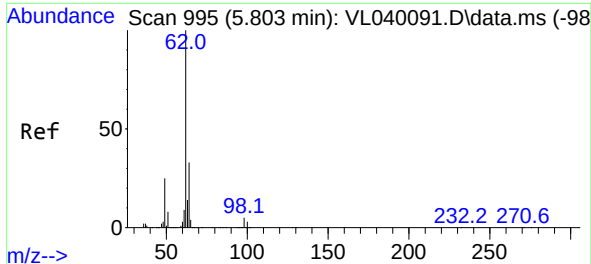
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#36
Benzene
Concen: 0.380 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

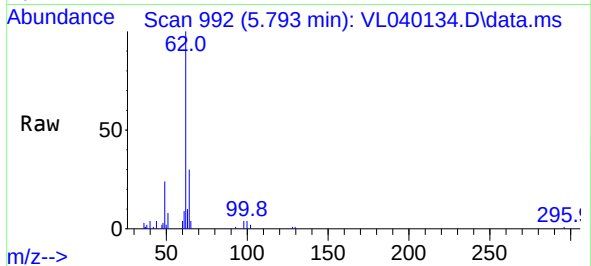
Tgt Ion: 78 Resp: 62229
Ion Ratio Lower Upper
78 100
77 24.2 18.1 27.1
50 25.7 15.6 23.4#





#37
1,2-Dichloroethane
Concen: 0.405 ppbv
RT: 5.793 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

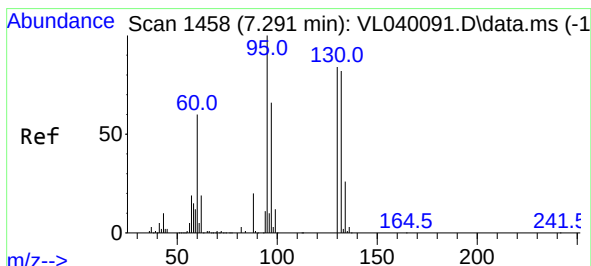
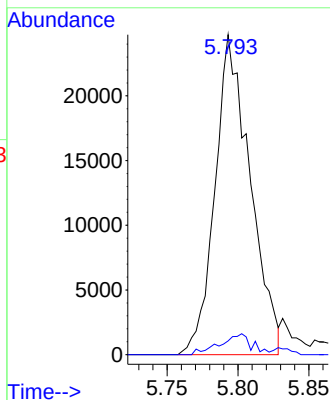
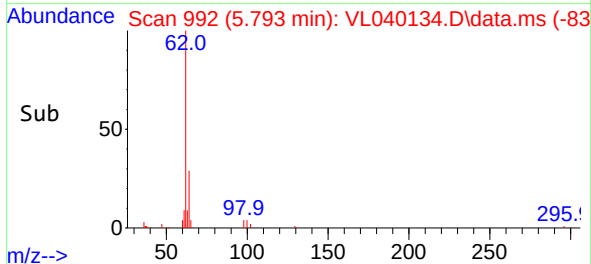
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



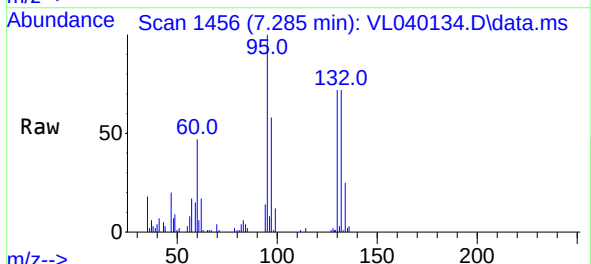
Tgt Ion: 62 Resp: 42610
Ion Ratio Lower Upper
62 100
98 6.9 4.4 6.6

Manual Integrations
APPROVED

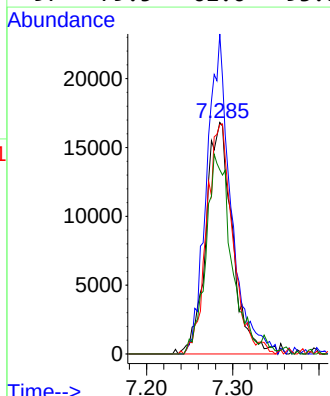
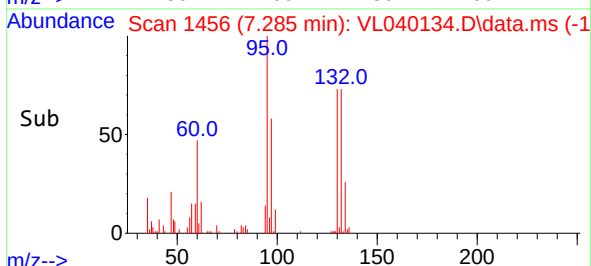
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

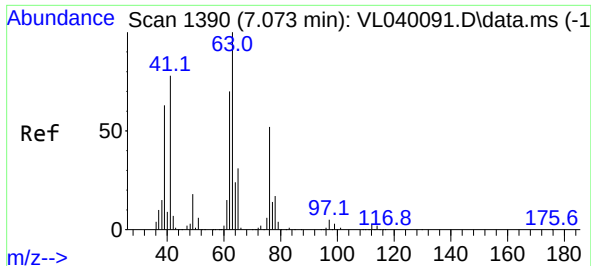


#38
Trichloroethene
Concen: 0.386 ppbv m
RT: 7.285 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



Tgt Ion:130 Resp: 35881
Ion Ratio Lower Upper
130 100
95 138.2 95.0 142.6
132 99.1 77.9 116.9
97 79.5 62.6 93.8





#39

1,2-Dichloropropane

Concen: 0.409 ppbv m

RT: 7.057 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

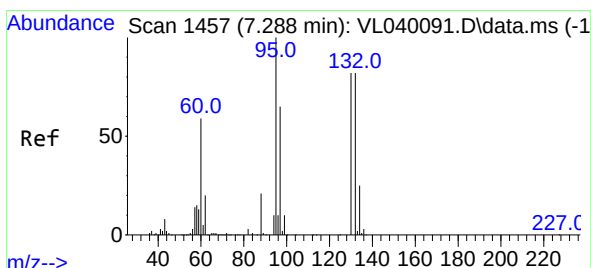
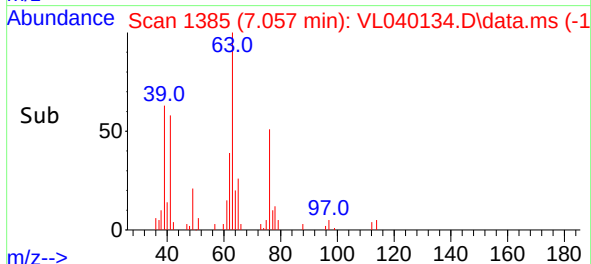
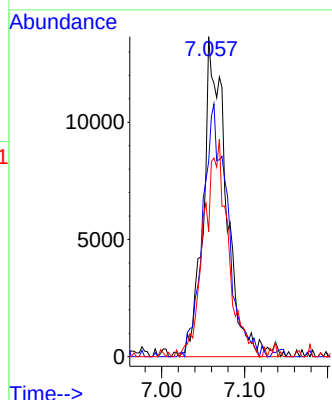
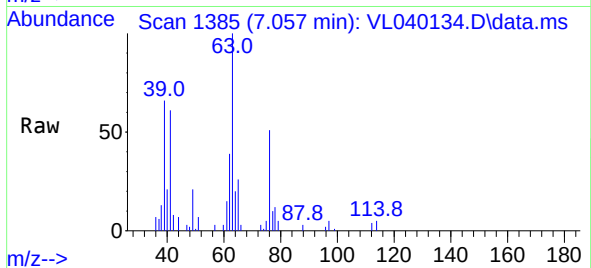
Tgt Ion: 63 Resp: 2616

Ion	Ratio	Lower	Upper
63	100		
41	61.1	62.2	93.4
62	39.1	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#40

1,4-Dioxane

Concen: 0.405 ppbv m

RT: 7.314 min Scan# 1465

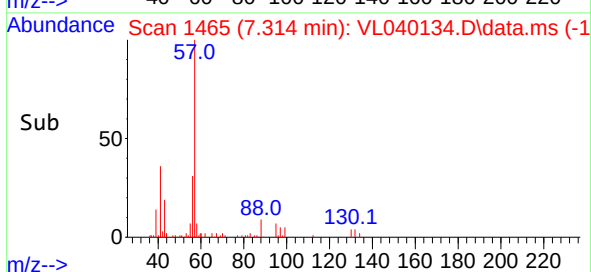
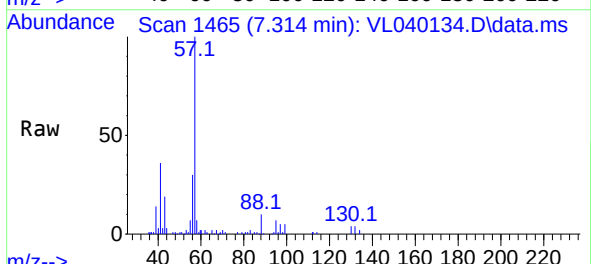
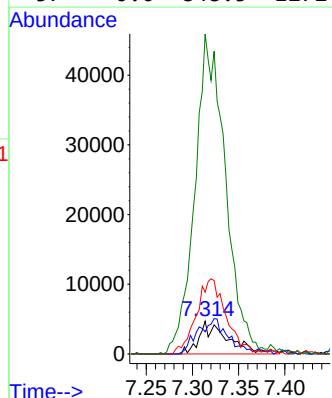
Delta R.T. 0.039 min

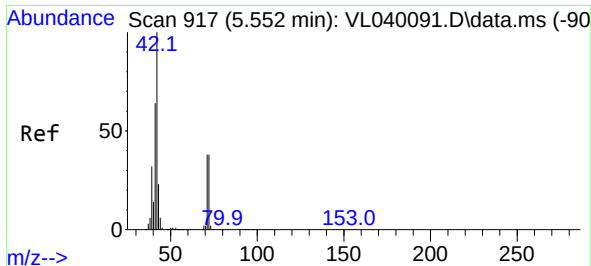
Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Tgt Ion: 88 Resp: 10299

Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.5	146.3
43	0.0	195.0	292.4
57	0.0	848.5	1272.7





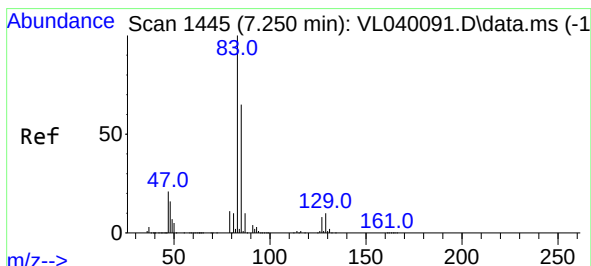
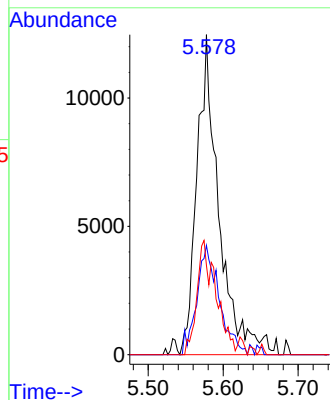
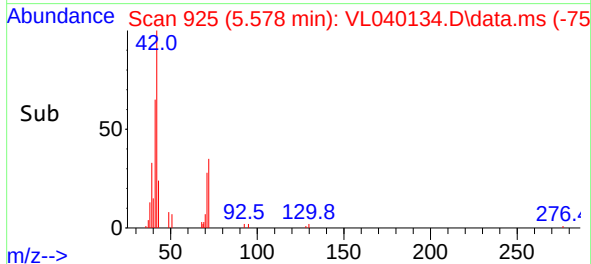
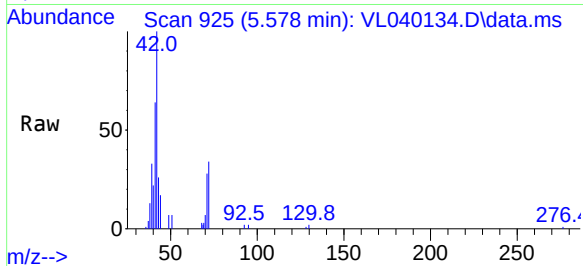
#41
Tetrahydrofuran
Concen: 0.421 ppbv m
RT: 5.578 min Scan# 917
Delta R.T. 0.035 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 42 Resp: 25442
Ion Ratio Lower Upper
42 100
72 0.0 31.9 47.9
71 0.0 31.4 47.2

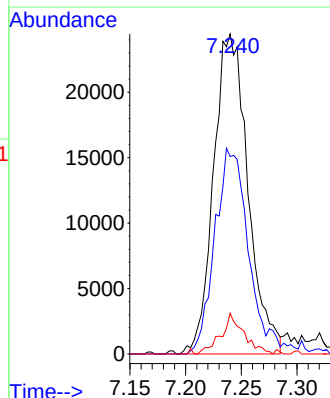
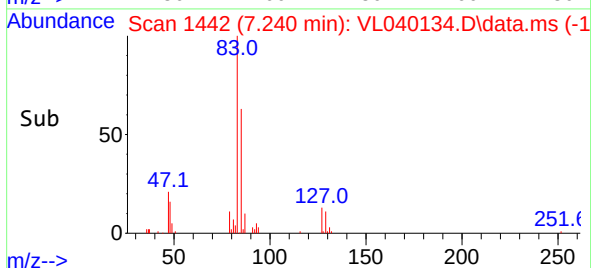
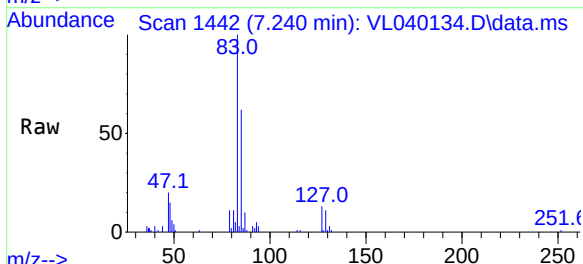
Manual Integrations
APPROVED

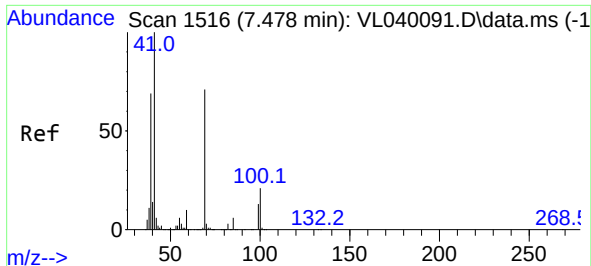
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#42
Bromodichloromethane
Concen: 0.369 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

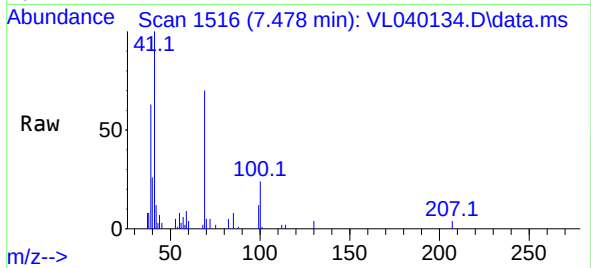
Tgt Ion: 83 Resp: 52421
Ion Ratio Lower Upper
83 100
85 61.7 51.7 77.5
127 12.7 6.2 9.2





#43
Methyl Methacrylate
Concen: 0.349 ppbv m
RT: 7.478 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

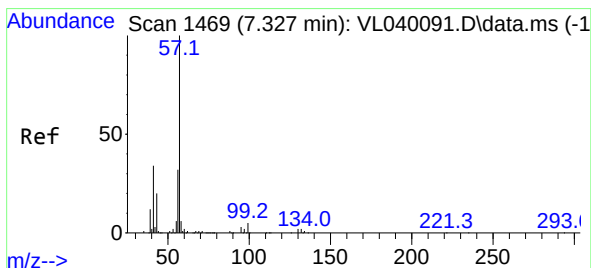
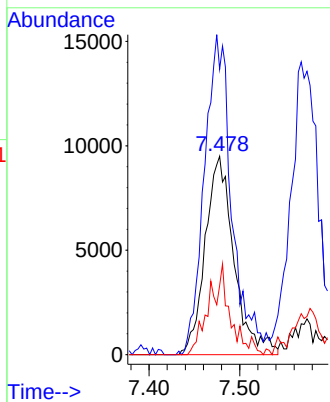
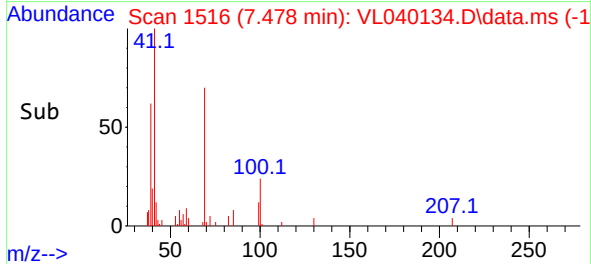
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



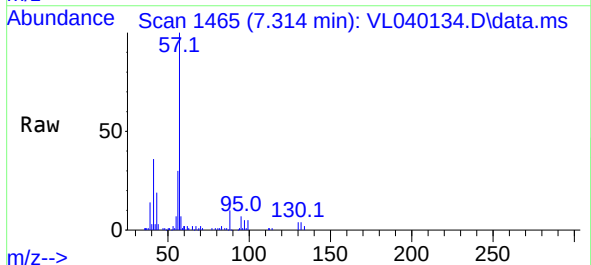
Tgt Ion: 69 Resp: 20994
Ion Ratio Lower Upper
69 100
41 151.2 118.2 177.2
100 33.4 24.2 36.4

Manual Integrations
APPROVED

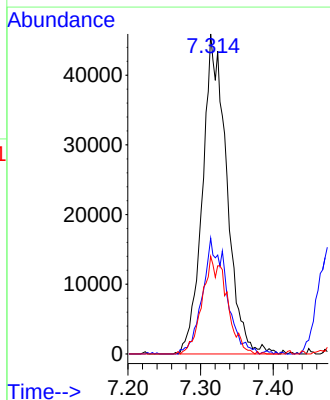
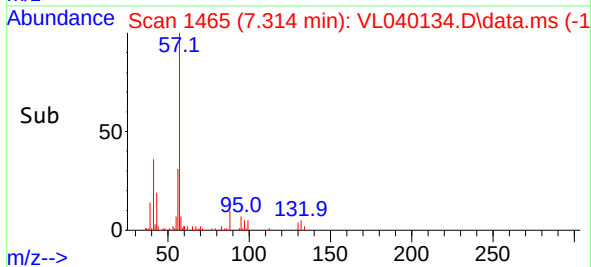
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

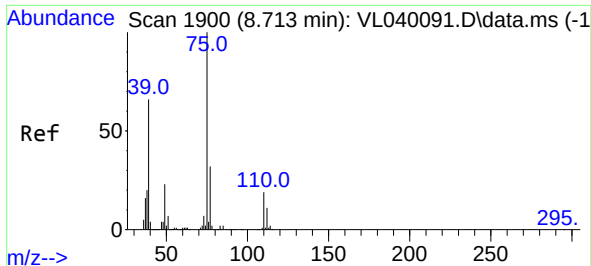


#44
2,2,4-Trimethylpentane
Concen: 0.390 ppbv m
RT: 7.314 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



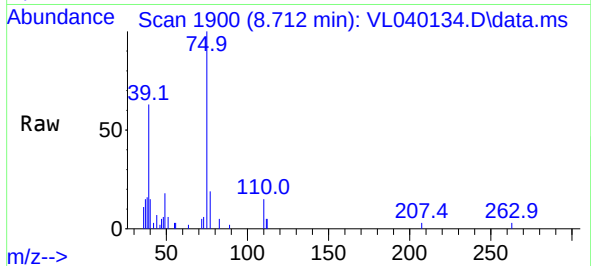
Tgt Ion: 57 Resp: 106286
Ion Ratio Lower Upper
57 100
41 36.6 27.1 40.7
56 31.3 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 0.302 ppbv m
RT: 8.712 min Scan# 1900
Delta R.T. 0.013 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

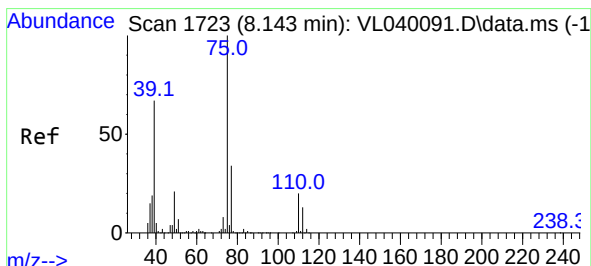
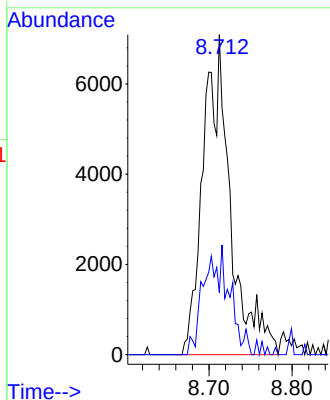
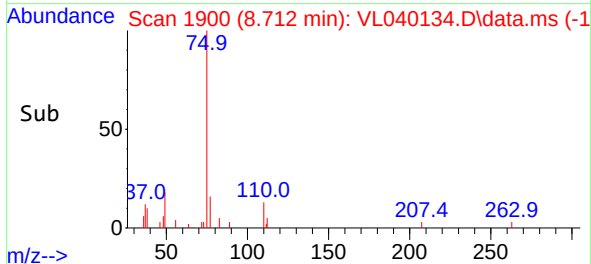
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



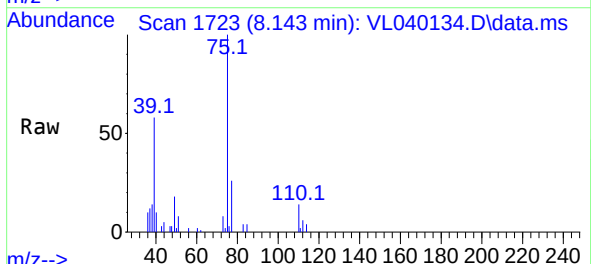
Tgt Ion: 75 Resp: 16180
Ion Ratio Lower Upper
75 100
77 19.4 25.6 38.4

Manual Integrations
APPROVED

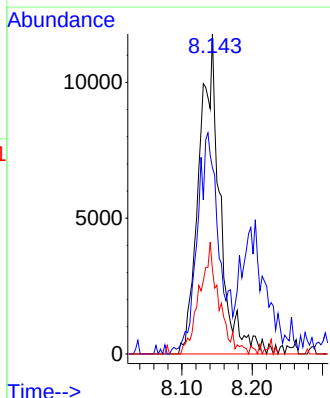
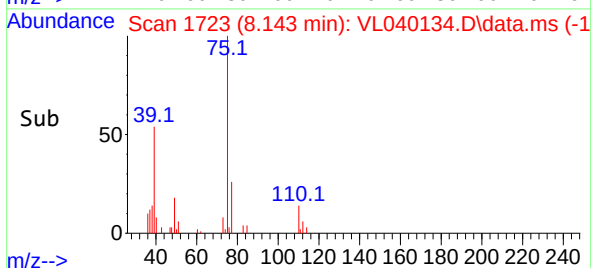
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

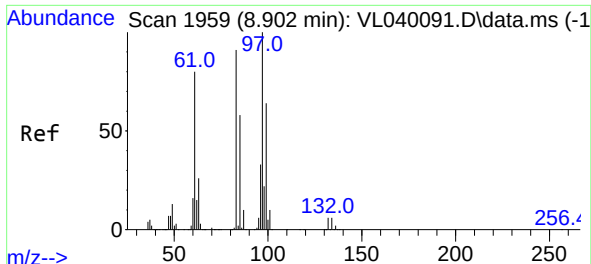


#46
cis-1,3-Dichloropropene
Concen: 0.334 ppbv m
RT: 8.143 min Scan# 1723
Delta R.T. 0.013 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



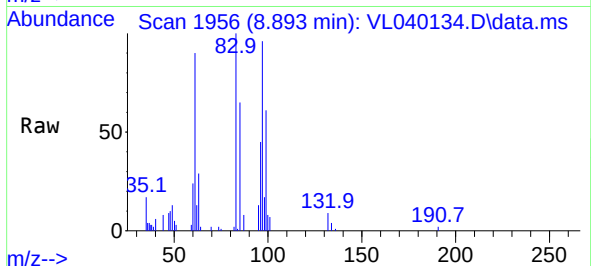
Tgt Ion: 75 Resp: 24441
Ion Ratio Lower Upper
75 100
39 58.2 53.6 80.4
77 26.4 26.9 40.3





#47
1,1,2-Trichloroethane
Concen: 0.409 ppbv
RT: 8.893 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

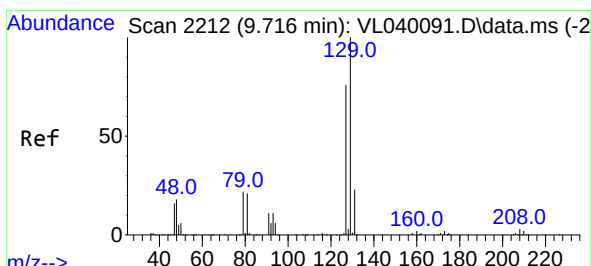
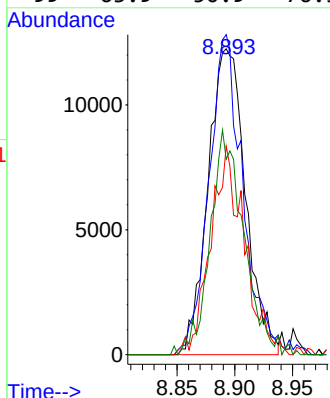
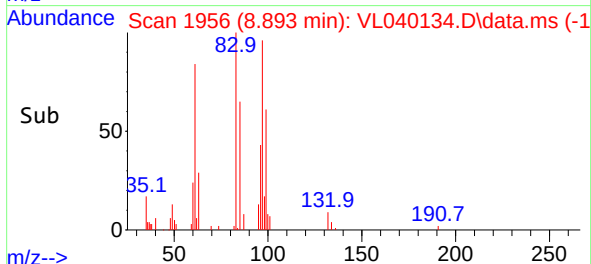
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 97 Resp: 27580
Ion Ratio Lower Upper
97 100
83 103.0 72.9 109.3
85 66.8 46.0 69.0
99 63.9 50.9 76.3

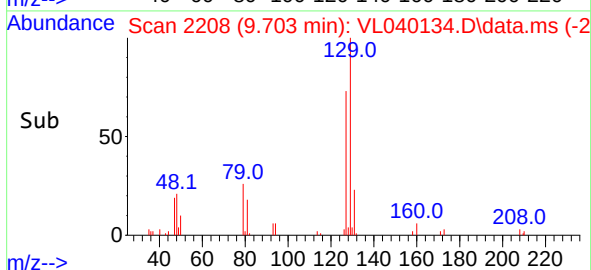
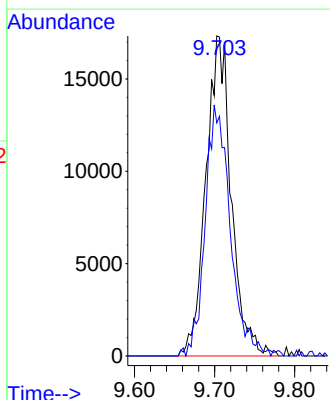
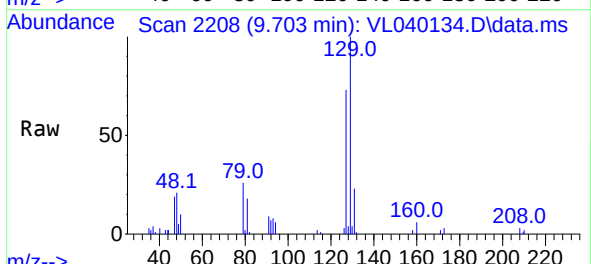
Manual Integrations
APPROVED

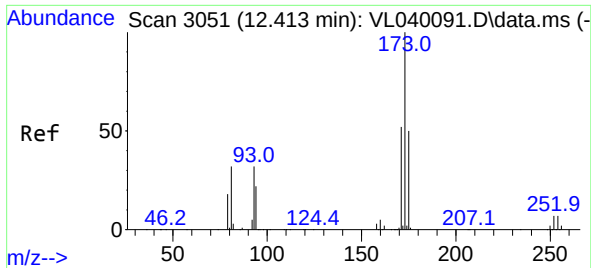
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#48
Dibromochloromethane
Concen: 0.353 ppbv m
RT: 9.703 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

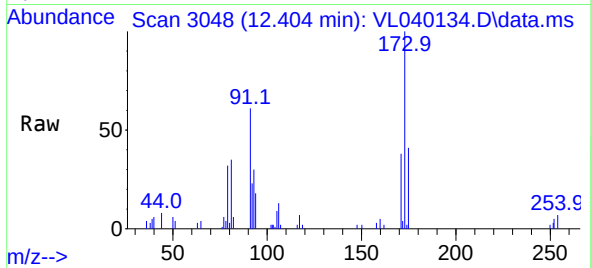
Tgt Ion:129 Resp: 38236
Ion Ratio Lower Upper
129 100
127 77.6 39.3 117.9





#49
Bromoform
Concen: 0.318 ppbv
RT: 12.404 min Scan# 3051
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

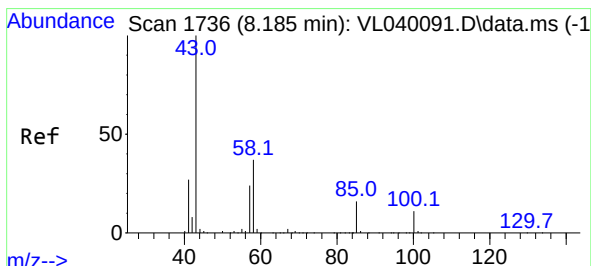
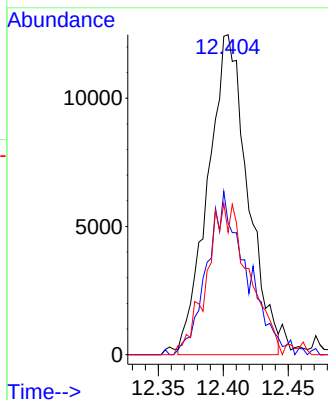
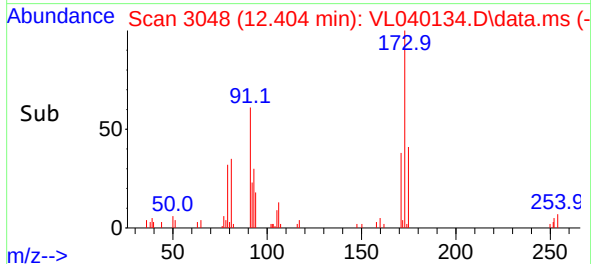
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



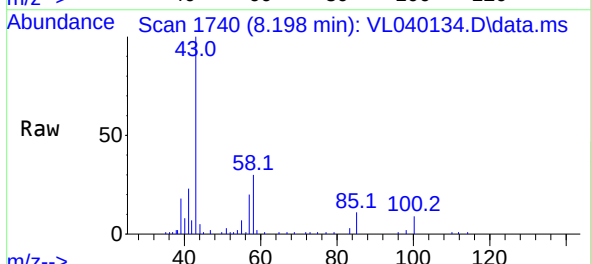
Tgt Ion: 173 Resp: 26579
Ion Ratio Lower Upper
173 100
175 51.3 39.7 59.5
171 51.2 42.2 63.2

Manual Integrations
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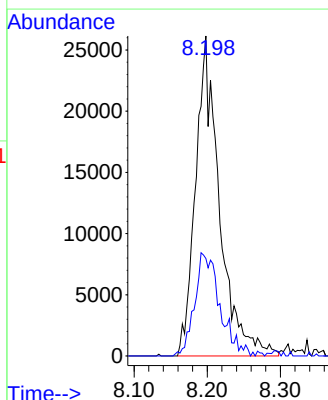
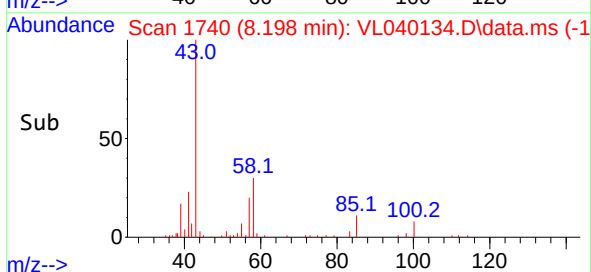
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

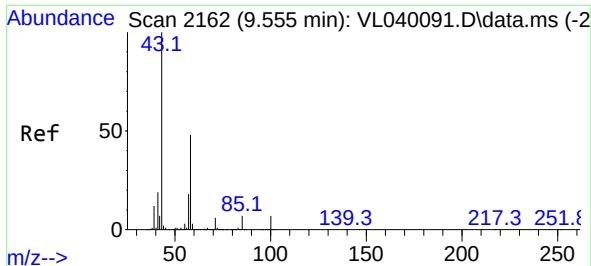


#50
4-Methyl-2-Pentanone
Concen: 0.361 ppbv m
RT: 8.198 min Scan# 1740
Delta R.T. 0.029 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



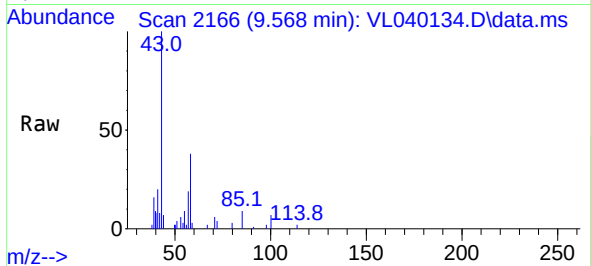
Tgt Ion: 43 Resp: 59392
Ion Ratio Lower Upper
43 100
58 35.0 28.8 43.2





#51
2-Hexanone
Concen: 0.316 ppbv m
RT: 9.568 min Scan# 2166
Delta R.T. 0.026 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

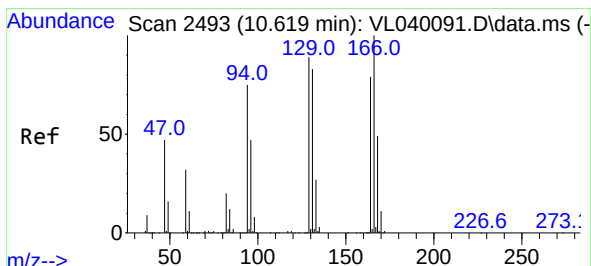
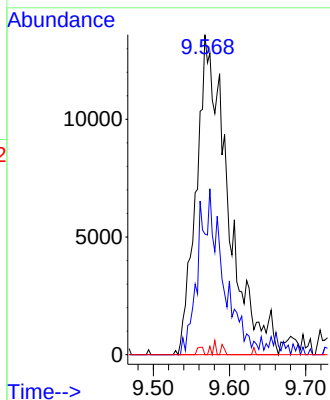
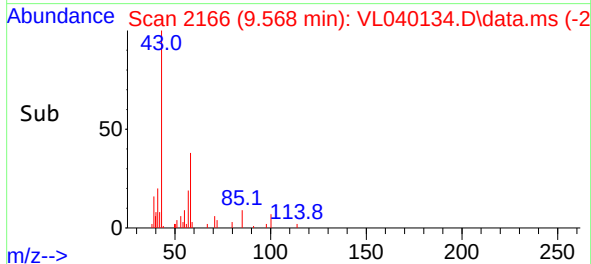
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 43 Resp: 39389
Ion Ratio Lower Upper
43 100
58 41.2 37.5 56.3
98 0.6 0.4 0.6

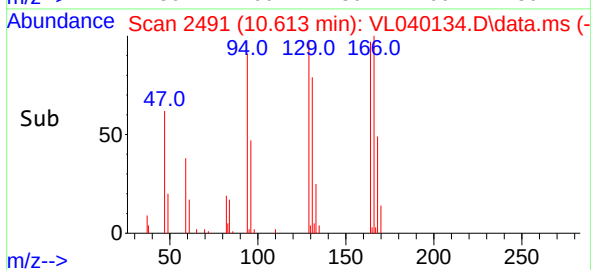
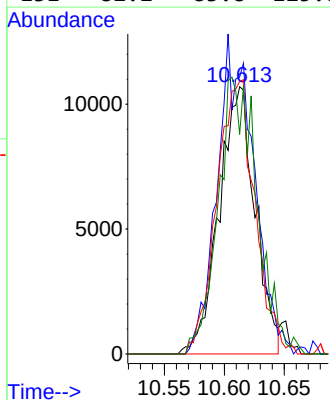
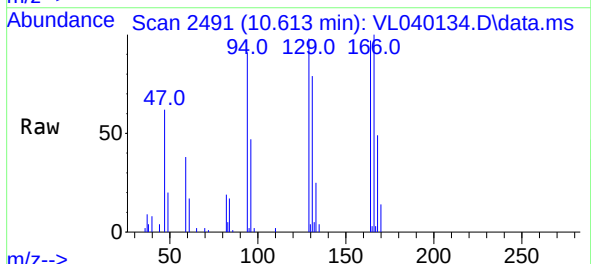
Manual Integrations
APPROVED

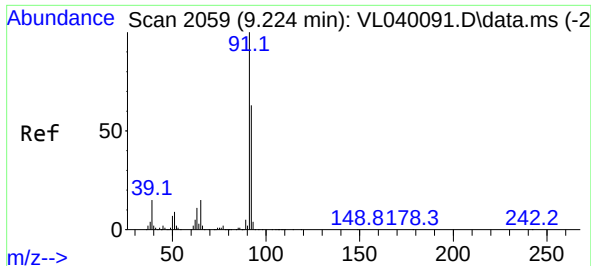
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#52
Tetrachloroethene
Concen: 0.418 ppbv
RT: 10.613 min Scan# 2491
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion:164 Resp: 22360
Ion Ratio Lower Upper
164 100
166 103.6 101.2 151.8
129 101.9 90.2 135.2
131 82.2 83.8 125.8





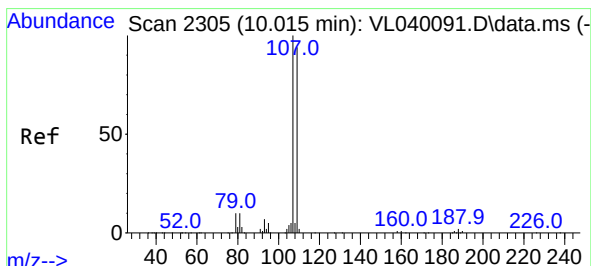
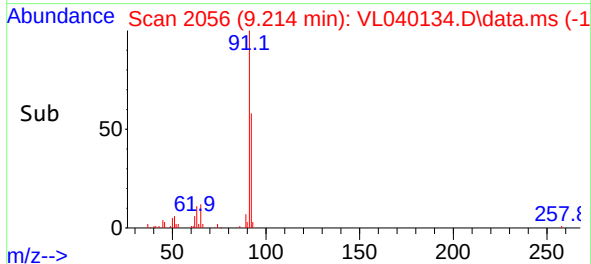
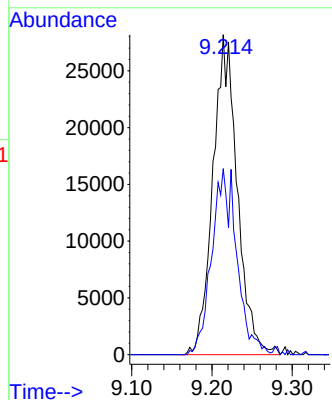
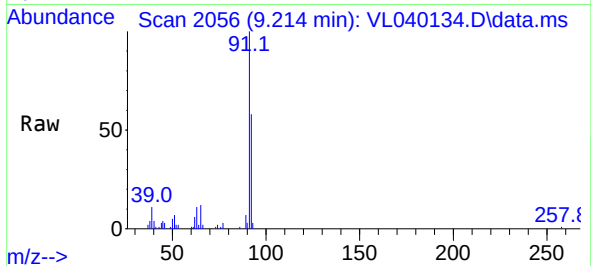
#53
Toluene
Concen: 0.341 ppbv m
RT: 9.214 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 91 Resp: 5951
Ion Ratio Lower Upper
91 100
92 60.0 48.3 72.5

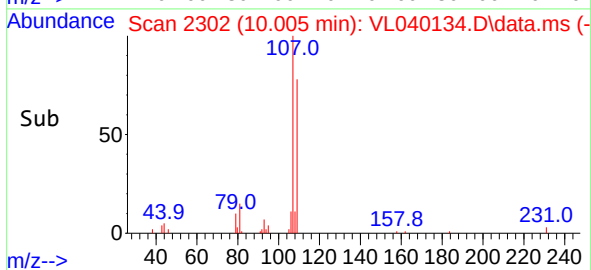
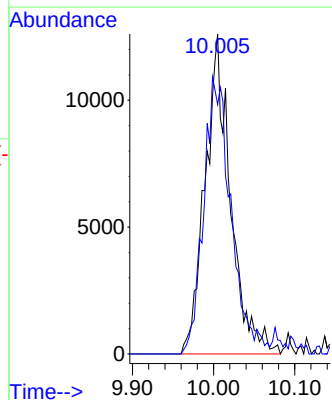
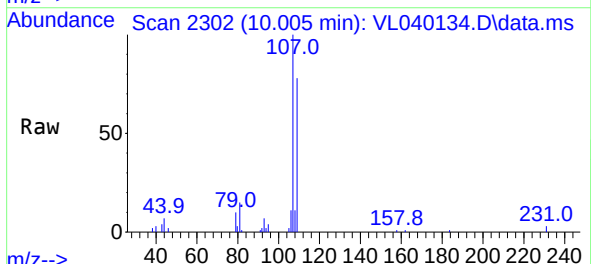
Manual Integrations
APPROVED

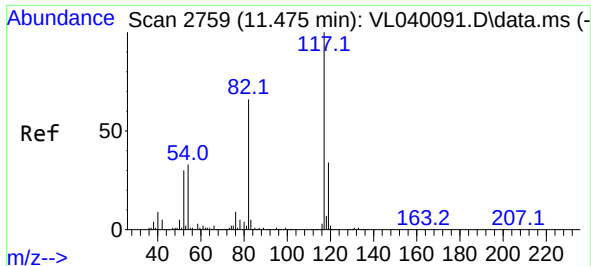
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#54
1,2-Dibromoethane
Concen: 0.388 ppbv m
RT: 10.005 min Scan# 2302
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

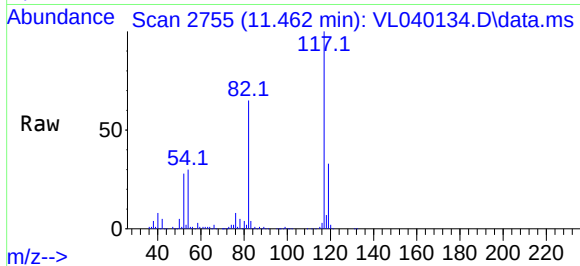
Tgt Ion:107 Resp: 27390
Ion Ratio Lower Upper
107 100
109 78.0 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

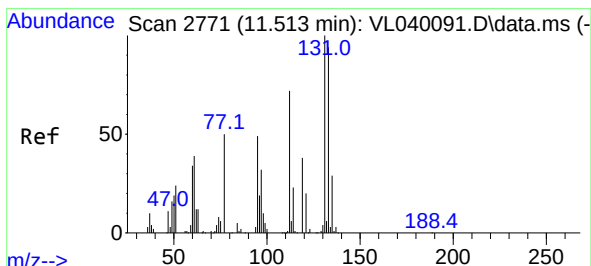
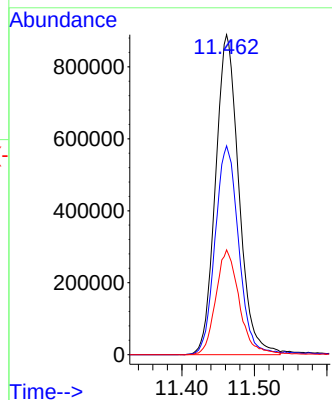
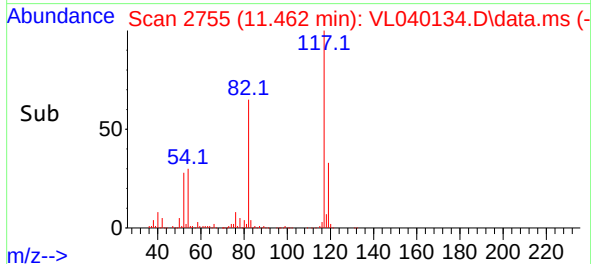
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion:117 Resp: 1987336
Ion Ratio Lower Upper
117 100
82 66.8 54.4 81.6
119 33.3 26.8 40.2

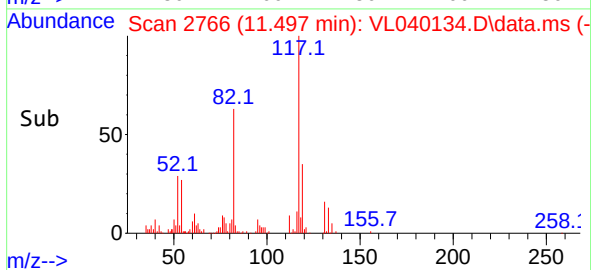
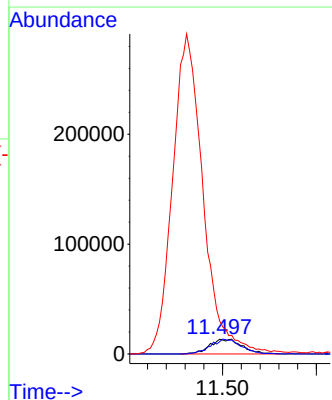
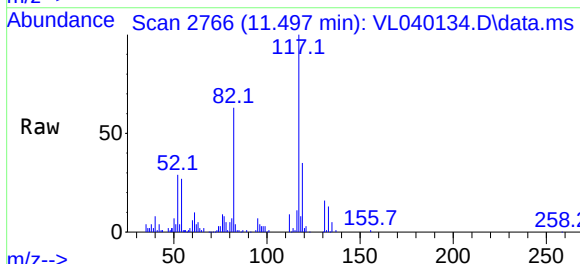
Manual Integrations
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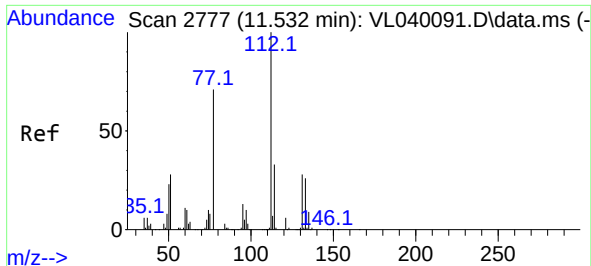
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.415 ppbv m
RT: 11.497 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion:131 Resp: 32124
Ion Ratio Lower Upper
131 100
133 0.0 75.6 113.4#
119 0.0 47.2 70.8#





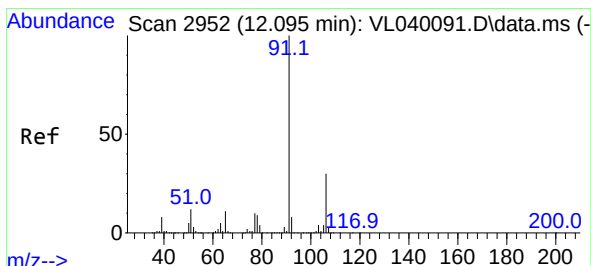
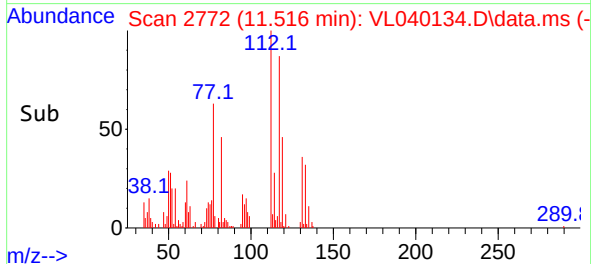
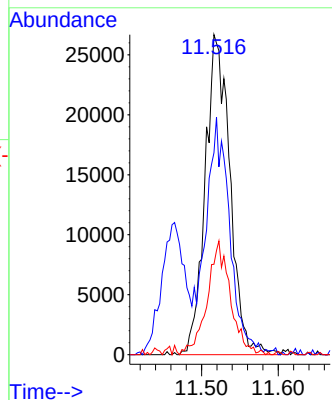
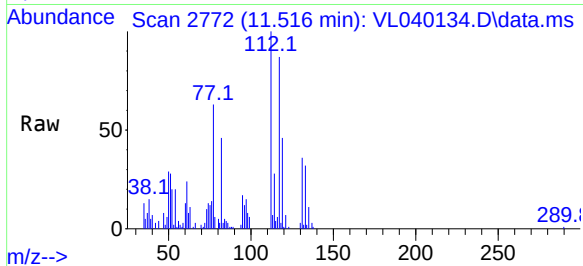
#57
Chlorobenzene
Concen: 0.442 ppbv m
RT: 11.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion:112 Resp: 5989
Ion Ratio Lower Upper
112 100
77 63.1 57.3 85.9
114 28.3 29.6 36.2

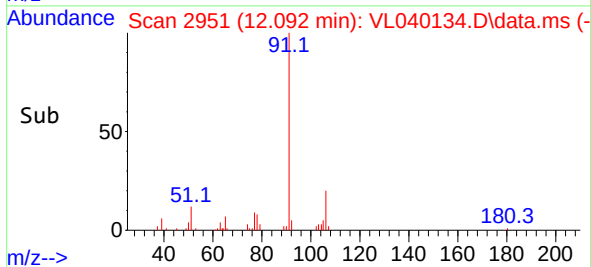
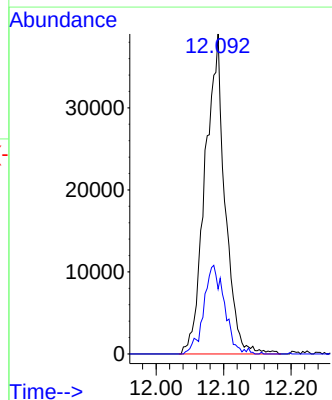
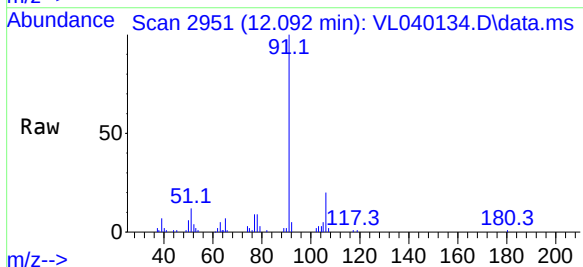
Manual Integrations
APPROVED

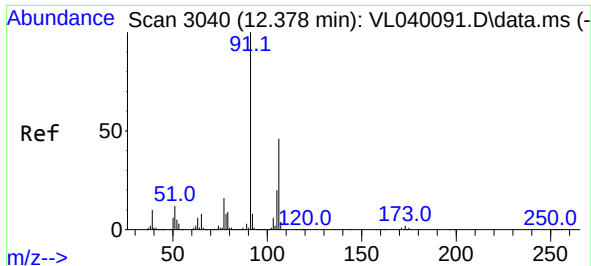
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#58
Ethyl Benzene
Concen: 0.361 ppbv m
RT: 12.092 min Scan# 2951
Delta R.T. 0.010 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Tgt Ion: 91 Resp: 80017
Ion Ratio Lower Upper
91 100
106 20.3 23.7 35.5#





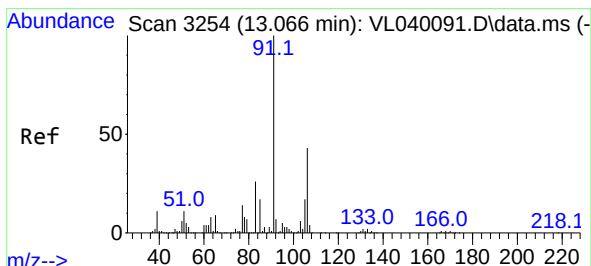
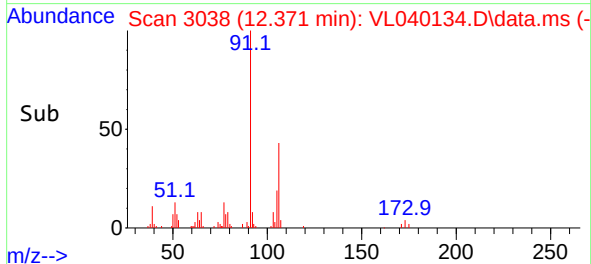
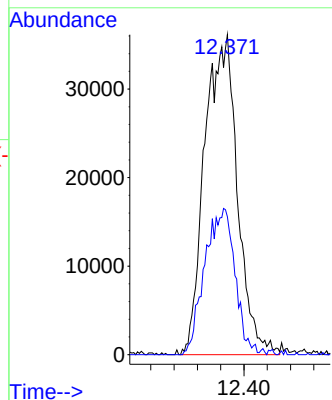
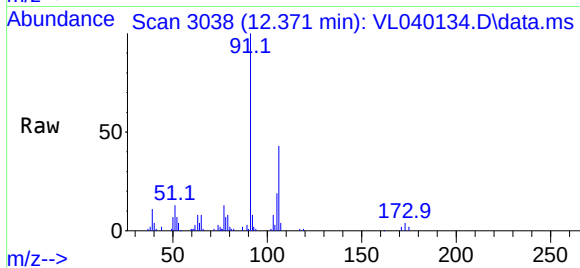
#59
m/p-Xylene
Concen: 0.706 ppbv m
RT: 12.371 min Scan# 3040
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 91 Resp: 140718
Ion Ratio Lower Upper
91 100
106 0.0 34.2 51.4

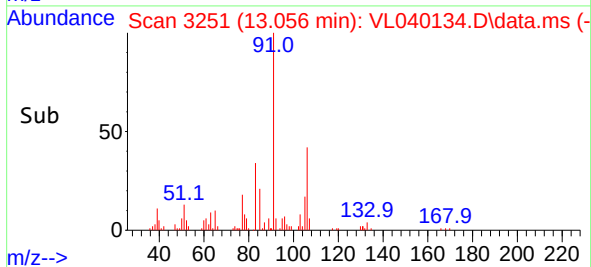
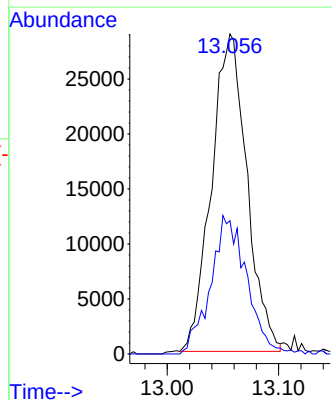
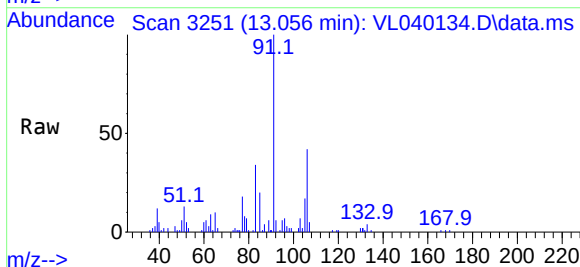
Manual Integrations
APPROVED

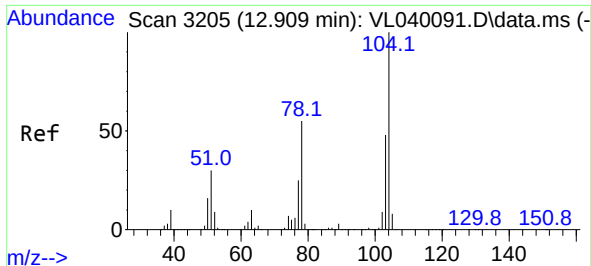
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#60
o-Xylene
Concen: 0.338 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

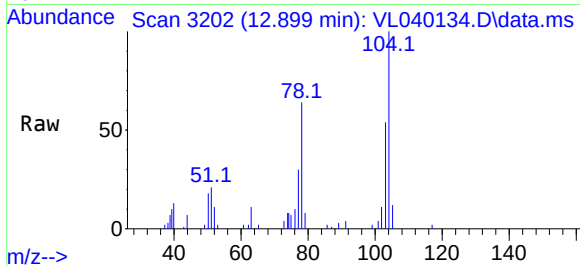
Tgt Ion: 91 Resp: 63893
Ion Ratio Lower Upper
91 100
106 44.4 21.6 64.8





#61
Styrene
Concen: 0.288 ppbv m
RT: 12.899 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

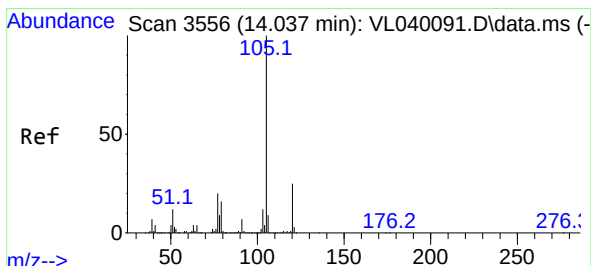
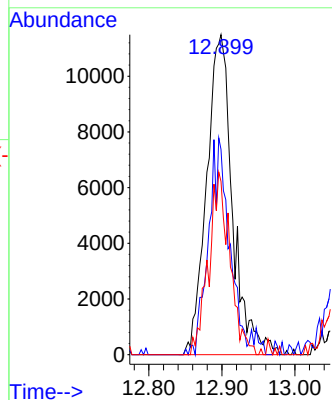
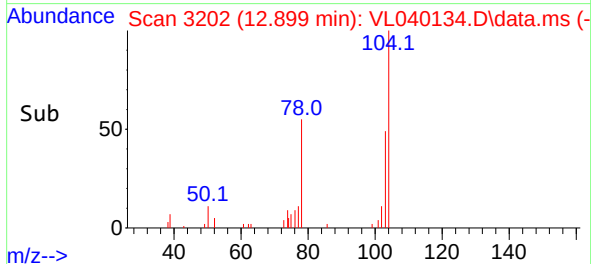
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



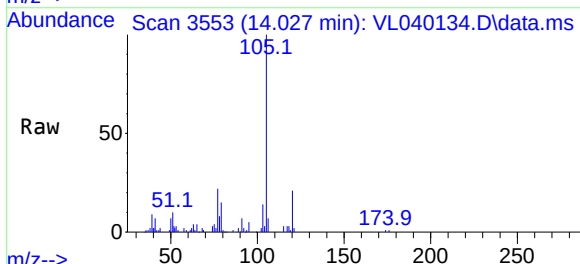
Tgt Ion:104 Resp: 2843
Ion Ratio Lower Upper
104 100
78 57.9 44.0 66.0
103 46.8 37.8 56.6

Manual Integrations
APPROVED

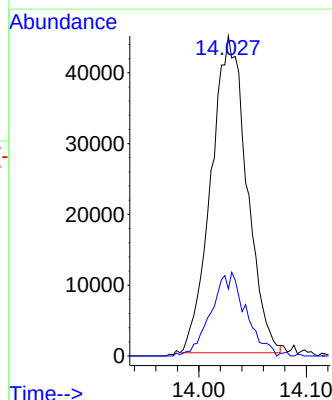
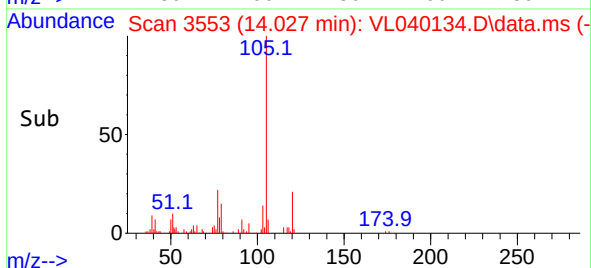
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

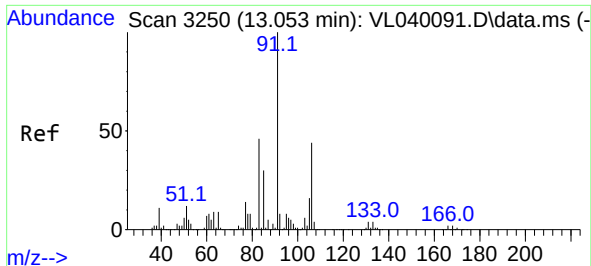


#62
Isopropylbenzene
Concen: 0.380 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



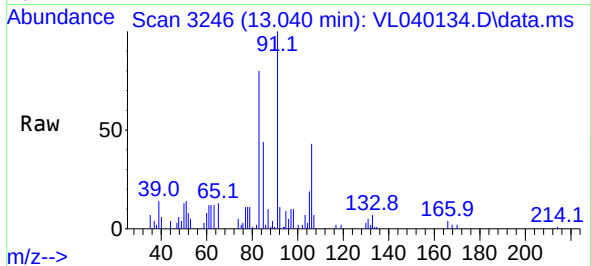
Tgt Ion:105 Resp: 103345
Ion Ratio Lower Upper
105 100
120 25.9 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.426 ppbv m
RT: 13.040 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

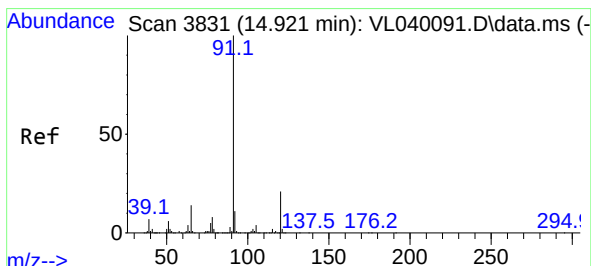
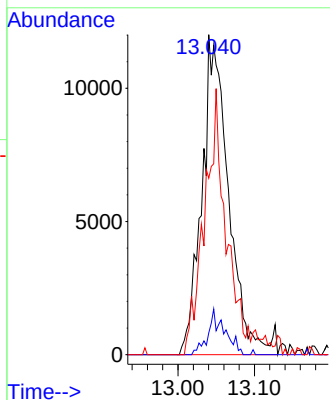
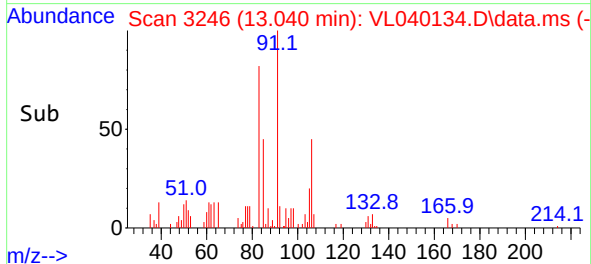
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



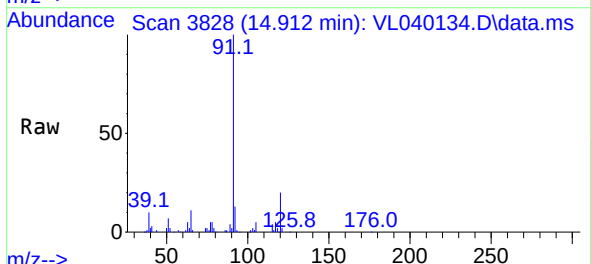
Tgt Ion: 83 Resp: 29300
Ion Ratio Lower Upper
83 100
131 8.8 4.3 13.1
85 71.3 32.5 97.5

Manual Integrations
APPROVED

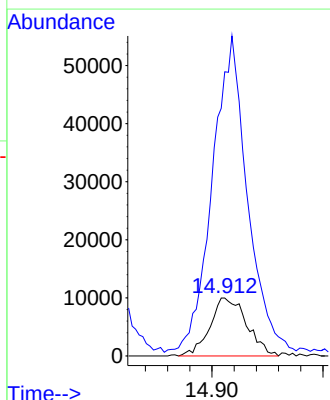
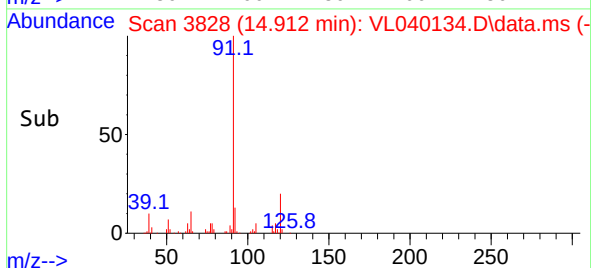
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

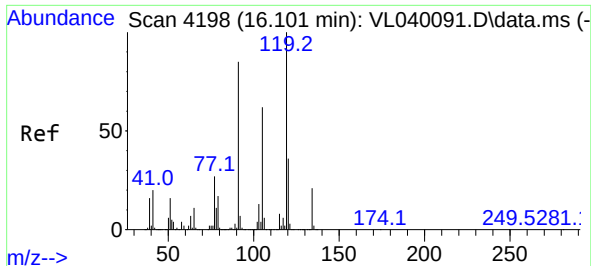


#64
n-propylbenzene
Concen: 0.341 ppbv m
RT: 14.912 min Scan# 3828
Delta R.T. -0.000 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



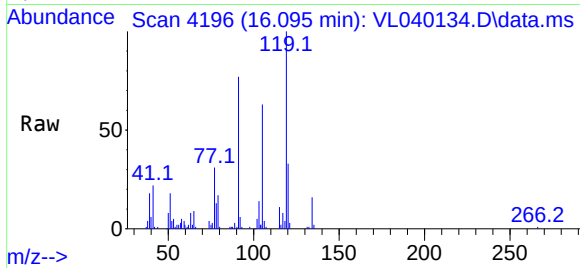
Tgt Ion:120 Resp: 23055
Ion Ratio Lower Upper
120 100
91 0.0 397.0 595.4#





#65
tert-Butylbenzene
Concen: 0.348 ppbv m
RT: 16.095 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

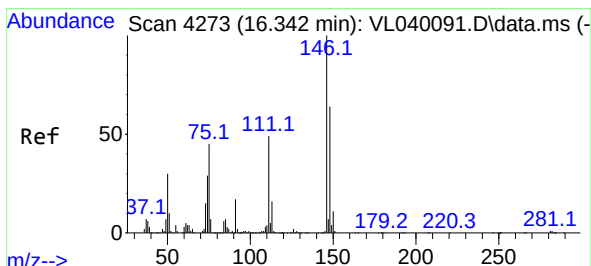
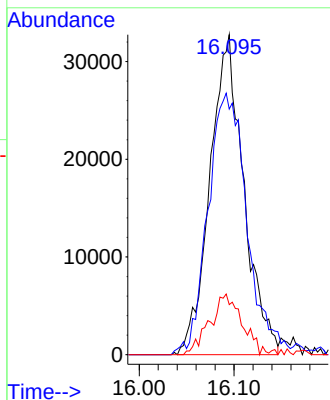
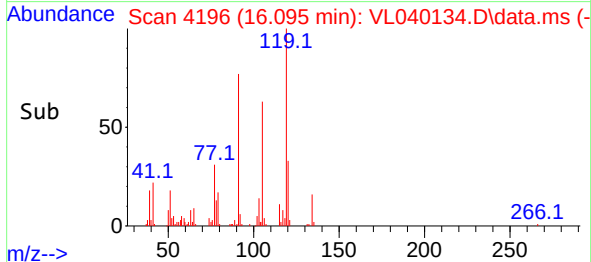
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



Tgt Ion: 119 Resp: 8109
Ion Ratio Lower Upper
119 100
91 96.1 69.5 104.3
134 19.1 15.8 23.8

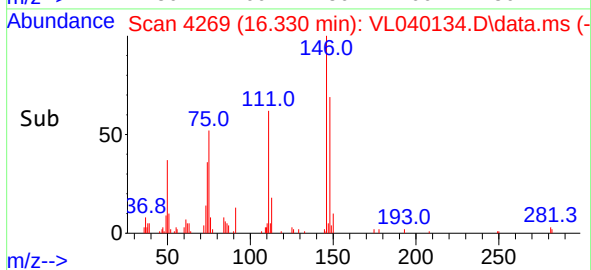
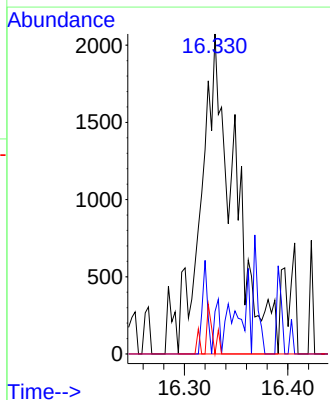
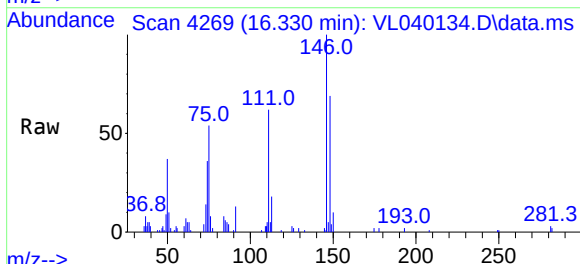
Manual Integrations
APPROVED

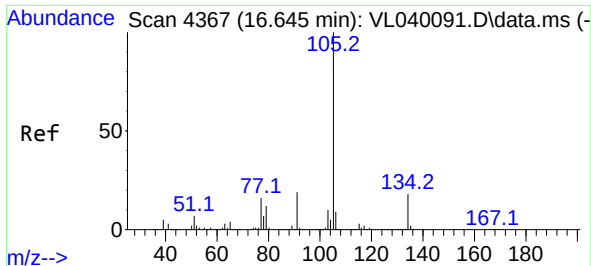
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#66
Benzyl Chloride
Concen: 0.292 ppbv m
RT: 16.330 min Scan# 4269
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

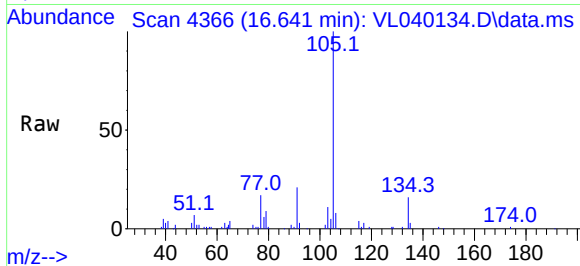
Tgt Ion: 91 Resp: 4655
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 0.0 0.0 0.0





#67
 sec-Butylbenzene
 Concen: 0.364 ppbv m
 RT: 16.641 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54

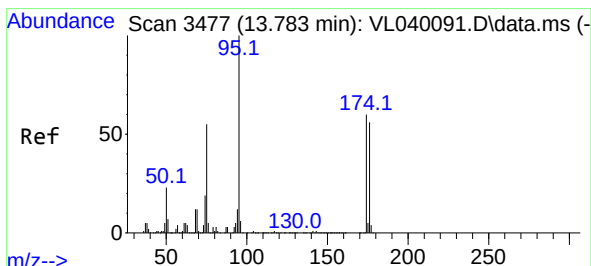
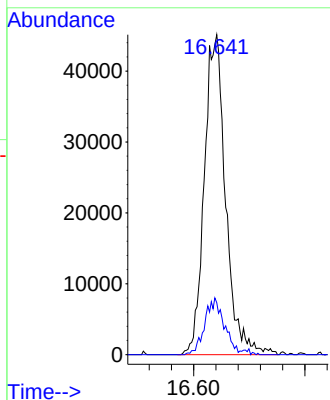
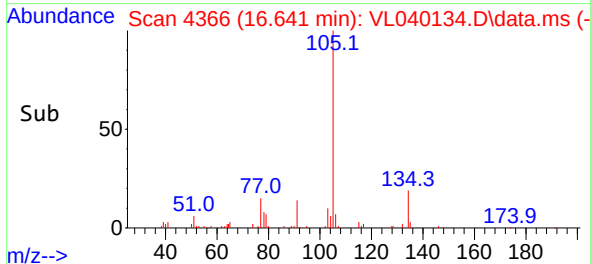
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2022



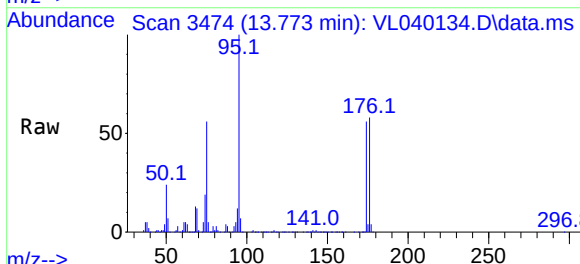
Tgt Ion:105 Resp: 120124
 Ion Ratio Lower Upper
 105 100
 134 16.7 14.1 21.1

Manual Integrations
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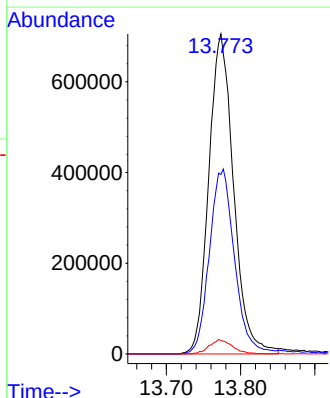
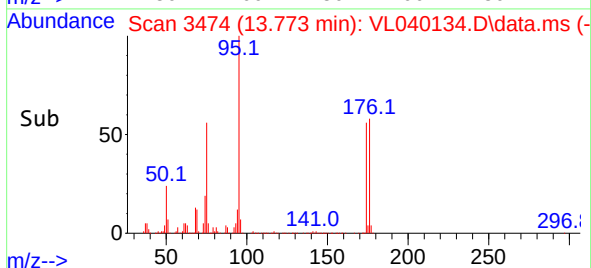
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

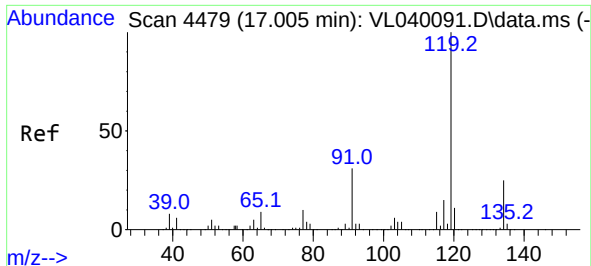


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.900 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL040134.D
 Acq: 30 Jan 2023 15:54



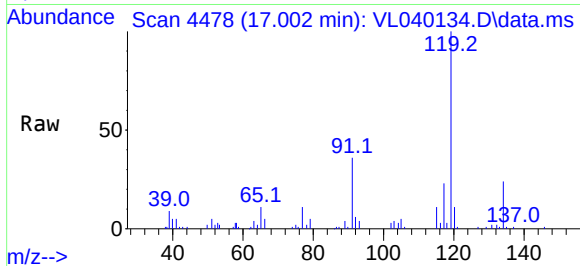
Tgt Ion: 95 Resp: 1635160
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.7 71.5
 175 4.3 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.325 ppbv
RT: 17.002 min Scan# 4479
Delta R.T. 0.013 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

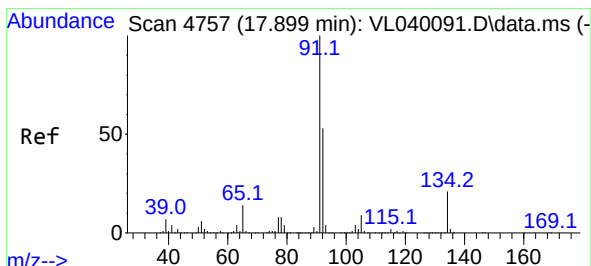
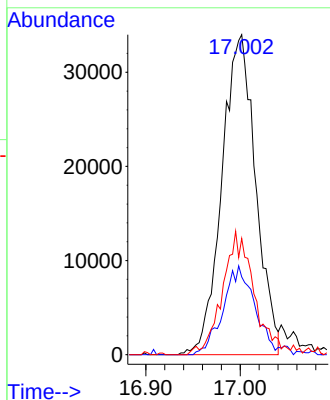
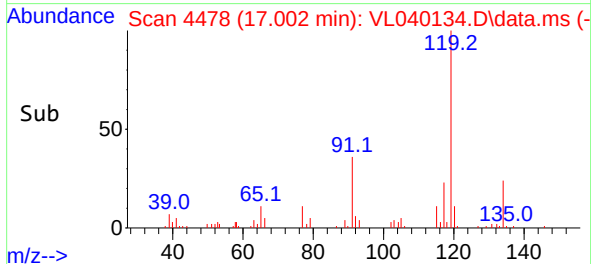
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



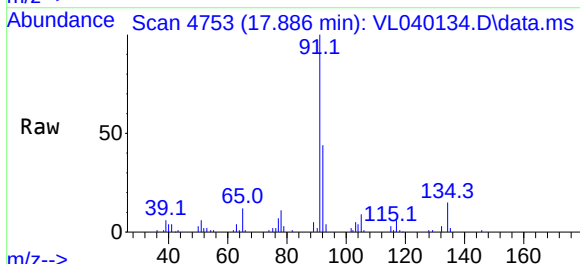
Tgt Ion:119 Resp: 84410
Ion Ratio Lower Upper
119 100
134 27.1 20.1 30.1
91 35.9 25.0 37.4

Manual Integrations
APPROVED

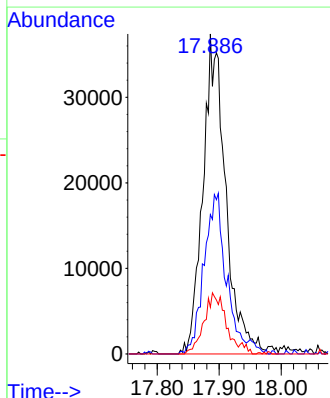
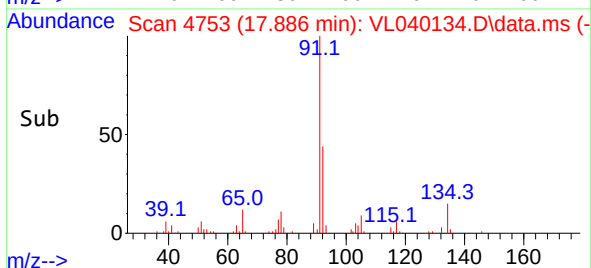
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

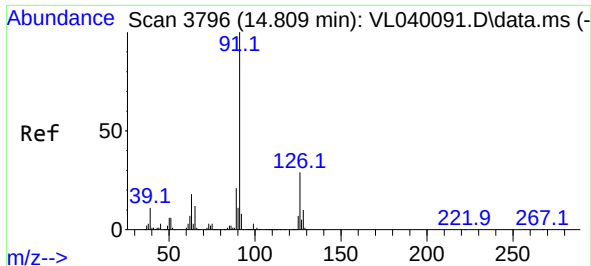


#70
n-Butylbenzene
Concen: 0.342 ppbv m
RT: 17.886 min Scan# 4753
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



Tgt Ion: 91 Resp: 95756
Ion Ratio Lower Upper
91 100
92 0.0 42.8 64.2#
134 19.0 16.9 25.3





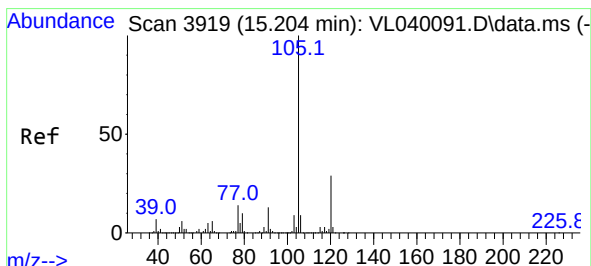
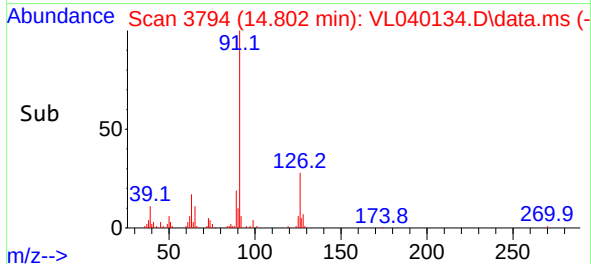
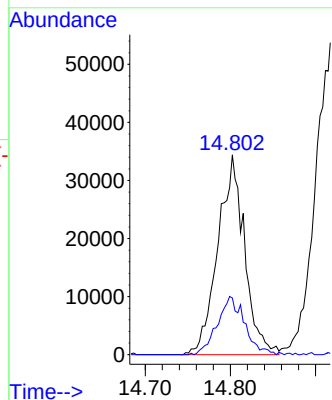
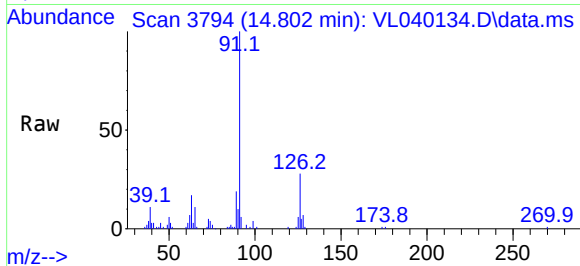
#71
2-Chlorotoluene
Concen: 0.358 ppbv m
RT: 14.802 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022

Tgt Ion: 91 Resp: 7485
Ion Ratio Lower Upper
91 100
126 2.9 11.9 47.5

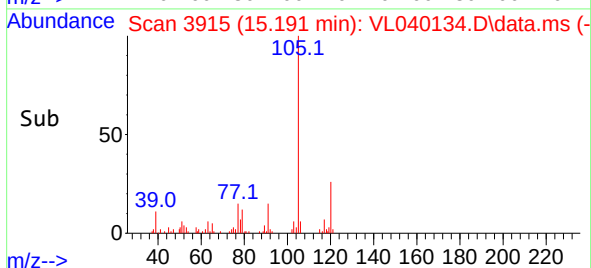
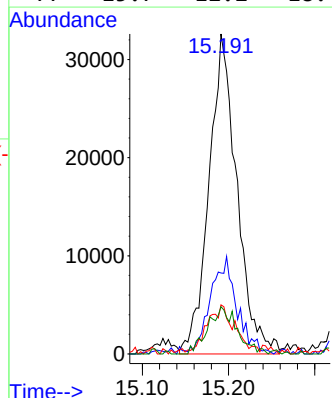
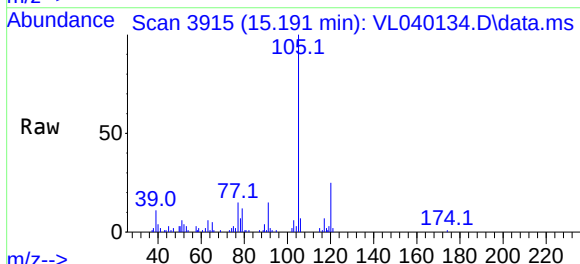
Manual Integrations
APPROVED

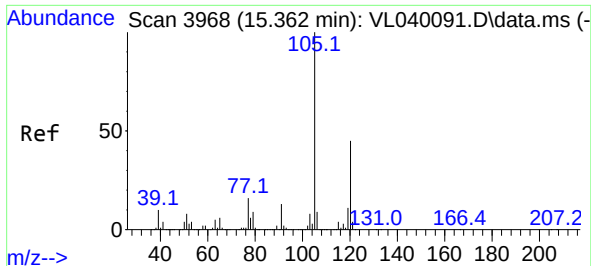
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#72
4-Ethyltoluene
Concen: 0.350 ppbv m
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

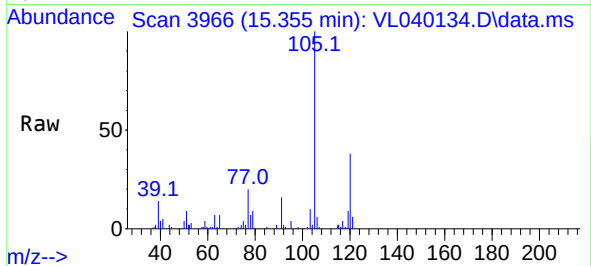
Tgt Ion:105 Resp: 73502
Ion Ratio Lower Upper
105 100
120 30.0 23.1 34.7
91 17.4 11.2 16.8#
77 15.7 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 0.348 ppbv m
RT: 15.355 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

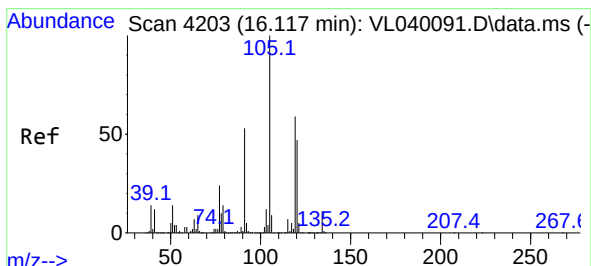
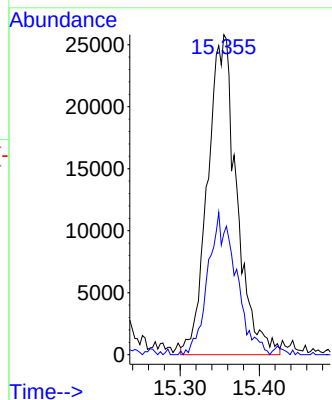
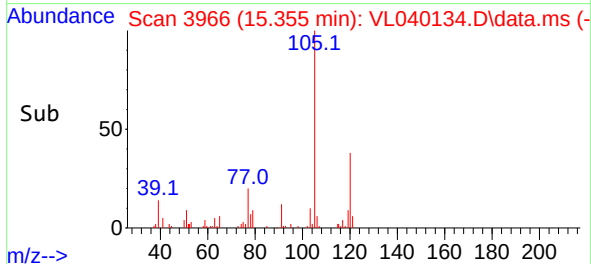
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



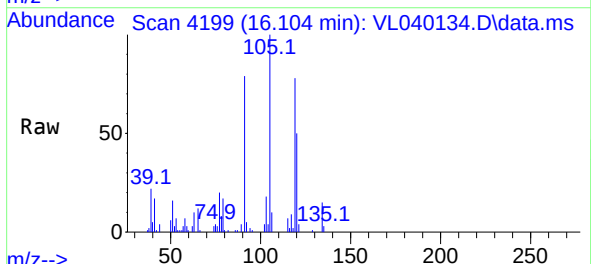
Tgt Ion:105 Resp: 6588
Ion Ratio Lower Upper
105 100
120 37.9 36.2 54.4

Manual Integrations
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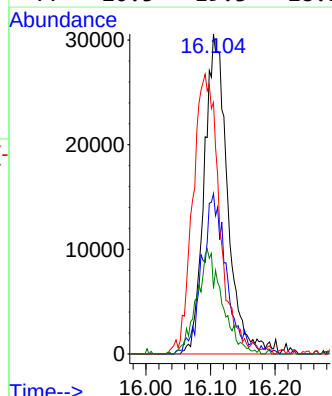
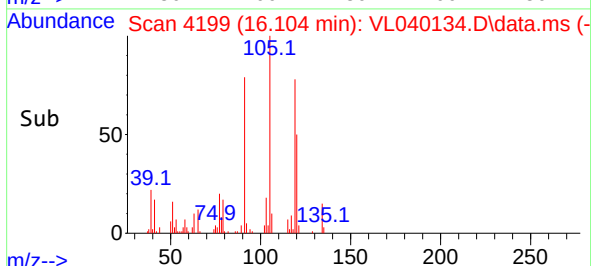
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

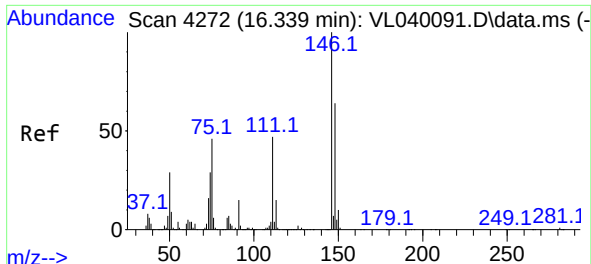


#74
1,2,4-Trimethylbenzene
Concen: 0.369 ppbv m
RT: 16.104 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



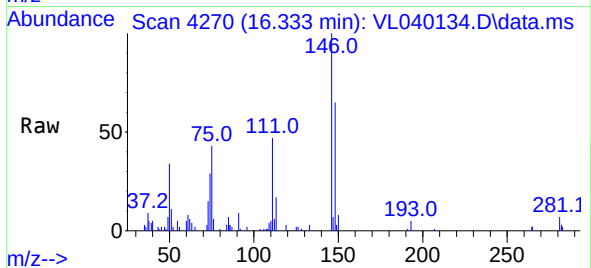
Tgt Ion:105 Resp: 77210
Ion Ratio Lower Upper
105 100
120 50.1 38.0 57.0
91 78.6 42.1 63.1#
77 20.5 19.3 28.9





#75
1,3-Dichlorobenzene
Concen: 0.370 ppbv m
RT: 16.333 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

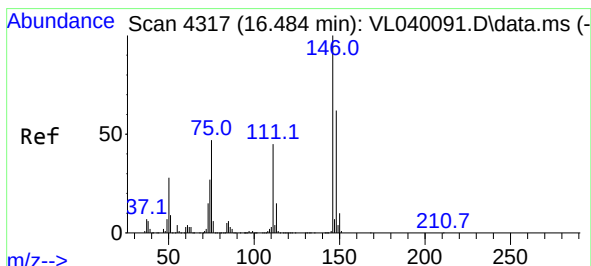
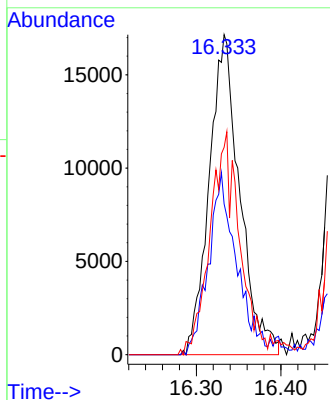
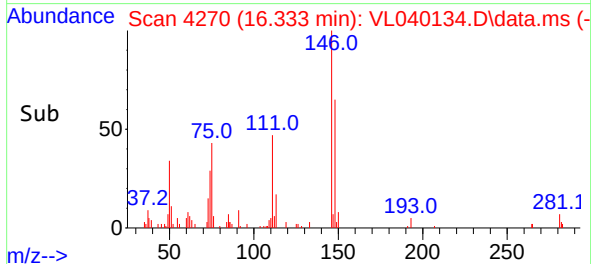
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



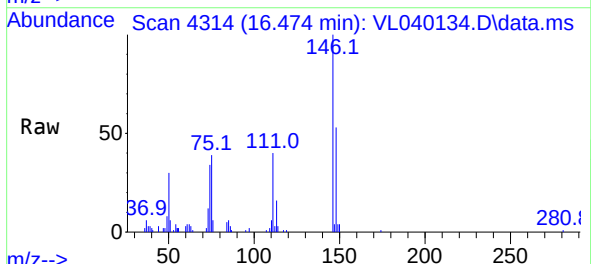
Tgt Ion:146 Resp: 43079
Ion Ratio Lower Upper
146 100
111 54.6 24.3 73.0
148 69.9 32.3 96.8

Manual Integrations
APPROVED

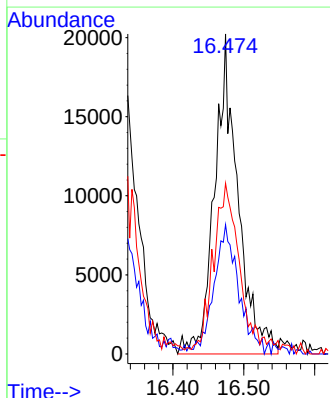
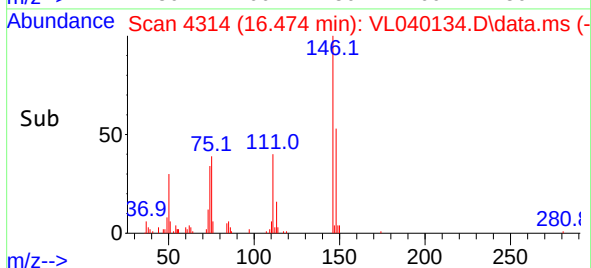
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

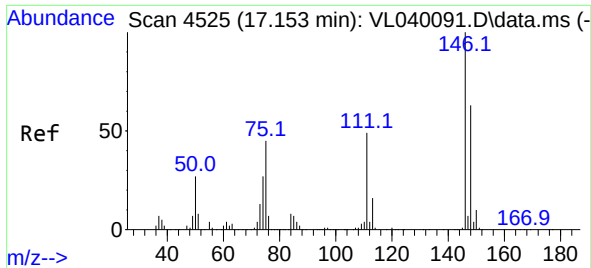


#76
1,4-Dichlorobenzene
Concen: 0.404 ppbv m
RT: 16.474 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



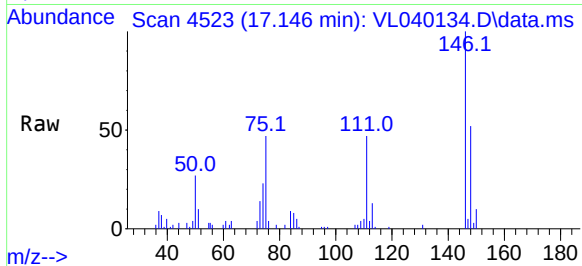
Tgt Ion:146 Resp: 46258
Ion Ratio Lower Upper
146 100
111 42.7 23.8 71.2
148 61.6 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.383 ppbv m
RT: 17.146 min Scan# 4525
Delta R.T. 0.010 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

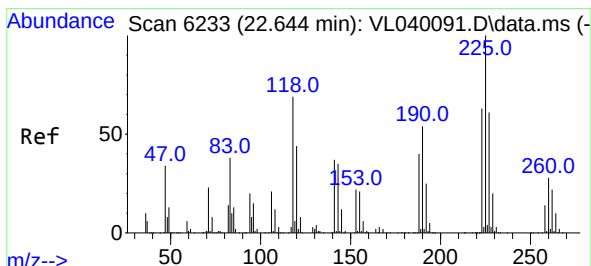
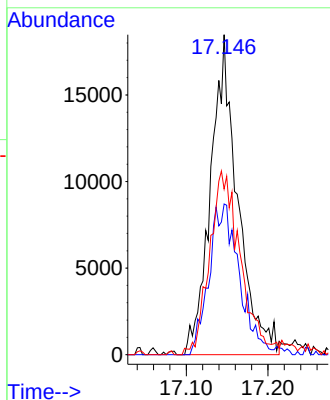
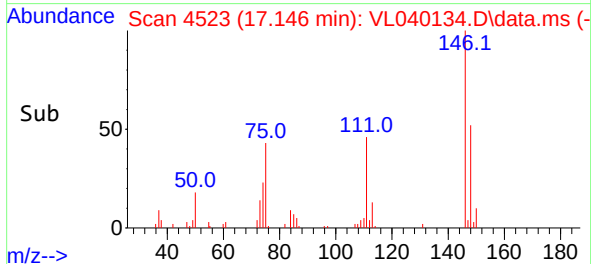
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



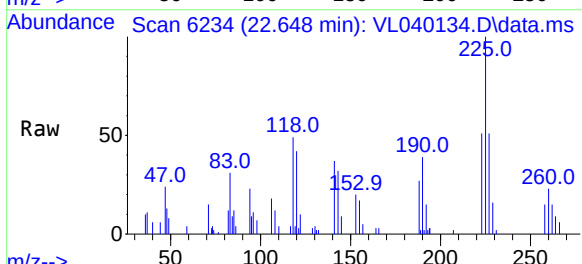
Tgt Ion:146 Resp: 42610
Ion Ratio Lower Upper
146 100
111 53.4 25.1 75.2
148 68.5 32.4 97.0

Manual Integrations
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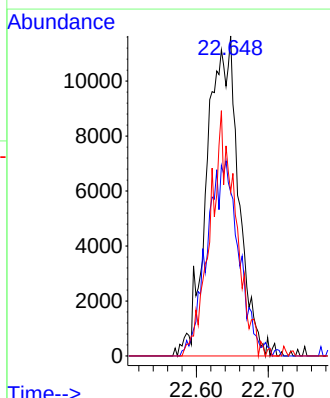
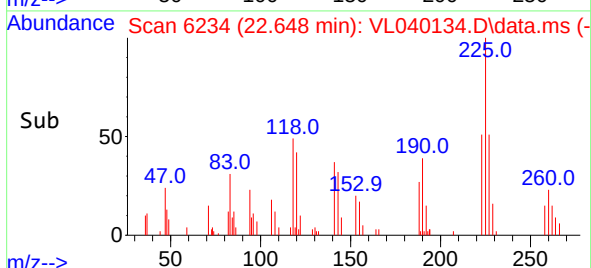
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

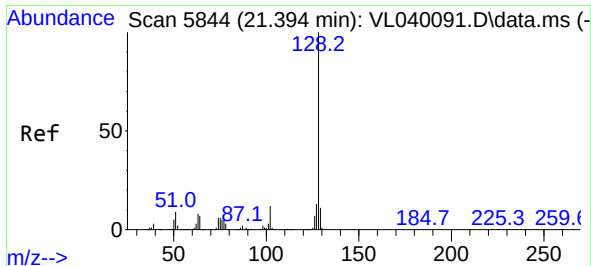


#78
Hexachloro-1,3-Butadiene
Concen: 0.433 ppbv m
RT: 22.648 min Scan# 6234
Delta R.T. 0.016 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



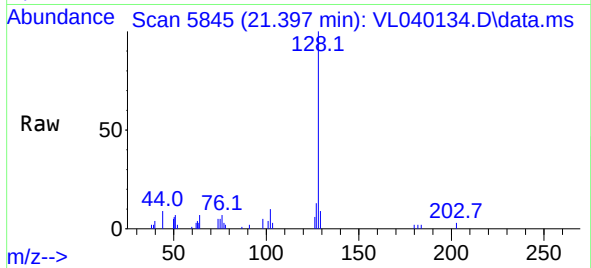
Tgt Ion:225 Resp: 35300
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 62.7 50.6 76.0





#79
Naphthalene
Concen: 0.268 ppbv m
RT: 21.397 min Scan# 5844
Delta R.T. 0.019 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54

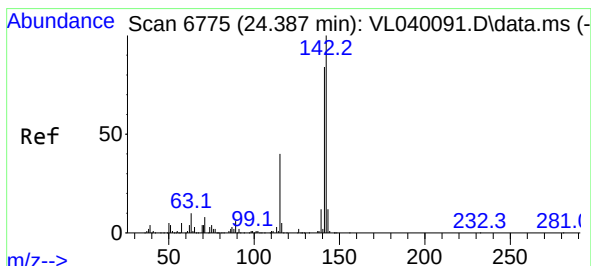
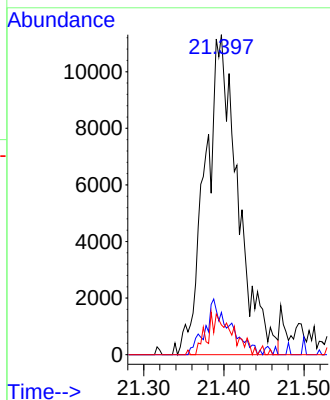
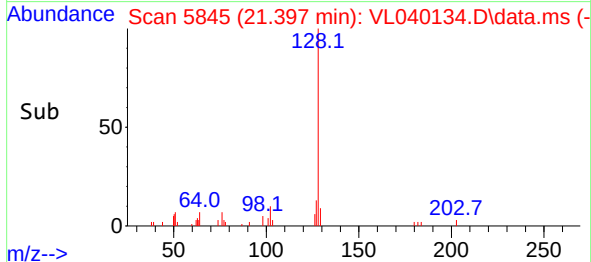
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2022



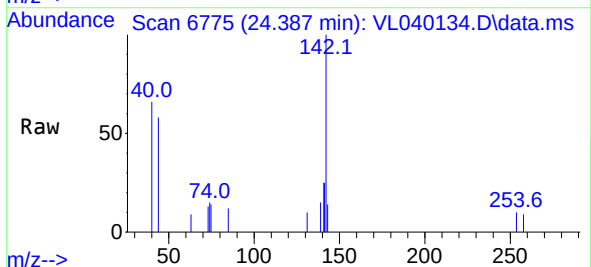
Tgt Ion:128 Resp: 3220
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 9.3 8.8 13.2

Manual Integrations
APPROVED

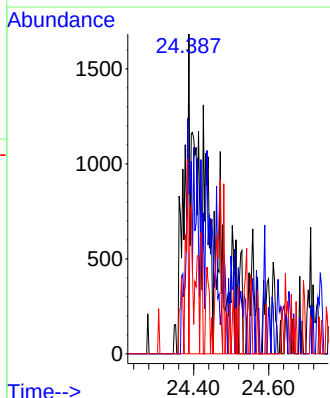
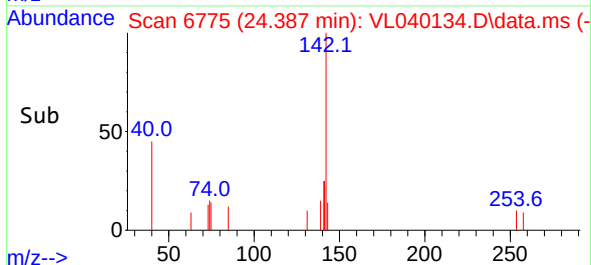
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

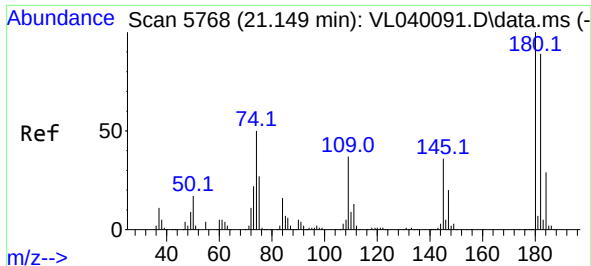


#80
Naphthalene,2-methyl-
Concen: 0.194 ppbv m
RT: 24.387 min Scan# 6775
Delta R.T. 0.013 min
Lab File: VL040134.D
Acq: 30 Jan 2023 15:54



Tgt Ion:142 Resp: 7855
Ion Ratio Lower Upper
142 100
141 8.2 65.0 97.6#
115 5.1 31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.316 ppbv m

RT: 21.149 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040134.D

Acq: 30 Jan 2023 15:54

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2022

Tgt Ion:180 Resp: 2338

Ion Ratio Lower Upper

180 100

182 0.0 78.6 117.8

184 0.0 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

