

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040560.D
 Acq On : 27 Jul 2023 4:08
 Operator : SY/MD
 Sample : 03572-13 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jul 27 04:47:04 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 : Thu Jul 27 04:45:44 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	961505	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2379571	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.458	117	2103637	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1684993	10.121	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.713	85	29048	0.151	ppbv	99
3) Chlorodifluoromethane	2.658	51	19050	0.125	ppbv #	89
4) Chloromethane	2.803	50	7064m	0.117	ppbv	
5) Vinyl Chloride	2.903	62	6999m	0.110	ppbv	
6) Bromomethane	3.102	94	4116m	0.154	ppbv	
7) Chloroethane	3.182	64	3274m	0.147	ppbv	
8) Dichlorotetrafluoroethane	2.841	85	19170	0.121	ppbv	94
9) Propene	2.687	41	6437	0.123	ppbv #	69
10) Heptane	7.571	43	7833m	0.068	ppbv	
11) Trichlorofluoromethane	3.549	101	21779	0.140	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	16333m	0.149	ppbv	
13) Ethanol	3.243	45	2001m	0.176	ppbv	
14) Bromoethene	3.356	108	6863m	0.146	ppbv	
15) Acetone	3.478	43	32723	0.296	ppbv #	78
16) 1,3-Butadiene	2.973	39	5894m	0.106	ppbv	
17) tert-Butyl alcohol	3.896	59	13725m	0.120	ppbv	
18) 1,1-Dichloroethene	3.870	96	6689m	0.133	ppbv	
19) Isopropyl Alcohol	3.581	45	9484m	0.149	ppbv	
20) Methylene Chloride	3.925	84	14080m	0.299	ppbv	
21) Allyl Chloride	3.983	41	7348m	0.116	ppbv	
22) trans-1,2-Dichloroethene	4.433	96	5994	0.121	ppbv #	81
23) Vinyl Acetate	4.623	43	12477m	0.118	ppbv	
24) 1,1-Dichloroethane	4.549	63	13285m	0.124	ppbv	
25) Ethyl Acetate	5.208	43	20244	0.096	ppbv	98
26) Hexane	5.198	57	10497	0.107	ppbv #	93
27) Carbon Disulfide	4.118	76	12421m	0.108	ppbv	
28) Methyl tert-Butyl Ether	4.591	73	10482m	0.133	ppbv	
29) Chloroform	5.259	83	21728	0.134	ppbv	96
30) Cyclohexane	6.590	84	5144m	0.063	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	9314m	0.096	ppbv	
32) 1,1,1-Trichloroethane	5.996	97	17783m	0.112	ppbv	
34) 2-Butanone	4.796	43	16264m	0.138	ppbv	
35) Carbon Tetrachloride	6.478	117	16367	0.114	ppbv	92
36) Benzene	6.362	78	16880	0.088	ppbv #	90
37) 1,2-Dichloroethane	5.796	62	13957m	0.124	ppbv	
38) Trichloroethene	7.291	130	7584m	0.105	ppbv	
39) 1,2-Dichloropropane	7.063	63	8618m	0.117	ppbv	
40) 1,4-Dioxane	7.327	88	1955m	0.085	ppbv	
41) Tetrahydrofuran	5.587	42	4896m	0.071	ppbv	
42) Bromodichloromethane	7.250	83	16824m	0.107	ppbv	
43) Methyl Methacrylate	7.475	69	4544m	0.063	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	21288m	0.069	ppbv	
45) t-1,3-Dichloropropene	8.713	75	2709m	0.059	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 04:47:04 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 : Thu Jul 27 04:45:44 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	3729m	0.063	ppbv	
47) 1,1,2-Trichloroethane	8.886	97	9694m	0.119	ppbv	
48) Dibromochloromethane	9.696	129	10443m	0.083	ppbv	
49) Bromoform	12.394	173	7285m	0.073	ppbv	
50) 4-Methyl-2-Pentanone	8.214	43	11198m	0.066	ppbv	
51) 2-Hexanone	9.594	43	6714m	0.056	ppbv	
52) Tetrachloroethene	10.613	164	5719m	0.092	ppbv	
53) Toluene	9.208	91	13216m	0.064	ppbv	
54) 1,2-Dibromoethane	9.999	107	9183m	0.091	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.494	131	10631m	0.113	ppbv	
57) Chlorobenzene	11.523	112	17601m	0.107	ppbv	
58) Ethyl Benzene	12.082	91	15844m	0.060	ppbv	
59) m/p-Xylene	12.372	91	27144m	0.115	ppbv	
60) o-Xylene	13.053	91	12496m	0.056	ppbv	
61) Styrene	12.883	104	4652m	0.045	ppbv	
62) Isopropylbenzene	14.028	105	25002m	0.074	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.047	83	18242m	0.116	ppbv	
64) n-propylbenzene	14.918	120	4975m	0.057	ppbv	
65) tert-Butylbenzene	16.092	119	16648m	0.056	ppbv	
66) Benzyl Chloride	16.368	91	3252m	0.154	ppbv	
67) sec-Butylbenzene	16.635	105	26757m	0.061	ppbv	
69) p-Isopropyltoluene	16.995	119	18568m	0.051	ppbv	
70) n-Butylbenzene	17.892	91	23661m	0.059	ppbv	
71) 2-Chlorotoluene	14.802	91	16788m	0.065	ppbv	
72) 4-Ethyltoluene	15.188	105	14874m	0.057	ppbv	
73) 1,3,5-Trimethylbenzene	15.359	105	12470m	0.054	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	14974m	0.055	ppbv	
75) 1,3-Dichlorobenzene	16.326	146	16994m	0.104	ppbv	
76) 1,4-Dichlorobenzene	16.474	146	15415m	0.096	ppbv	
77) 1,2-Dichlorobenzene	17.137	146	12361m	0.079	ppbv	
78) Hexachloro-1,3-Butadiene	22.619	225	16223m	0.110	ppbv	
79) Naphthalene	21.387	128	8773m	0.038	ppbv	
81) 1,2,4-Trichlorobenzene	21.149	180	8246m	0.052	ppbv	

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

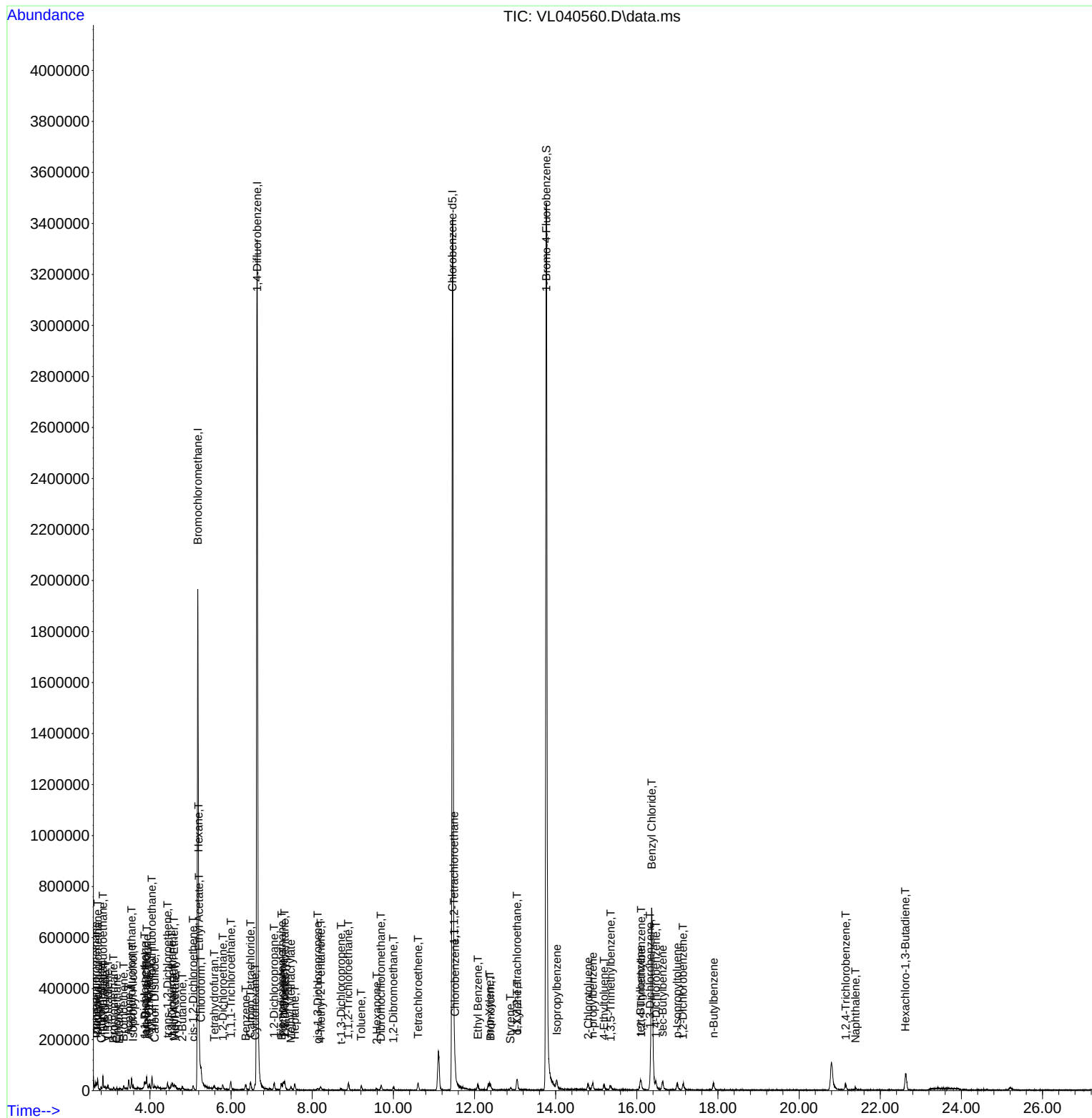
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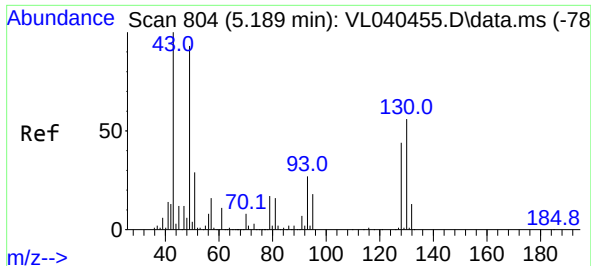
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023

Quant Time: Jul 27 04:47:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
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Manual Integrations
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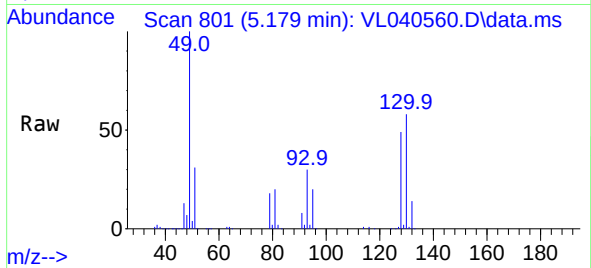
Reviewed By : Semsettin Yesilyurt 07/27/2023
Supervised By : Mahesh Dadoda 07/27/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

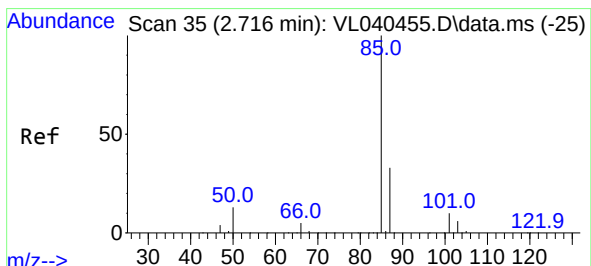
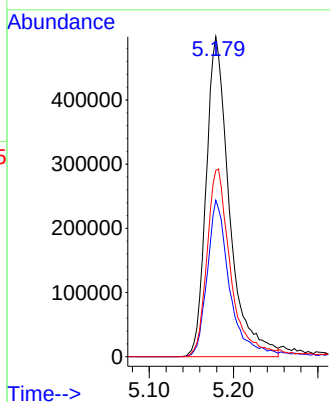
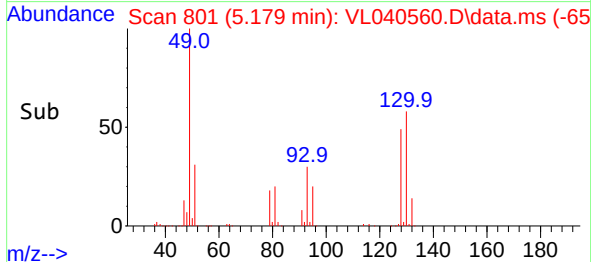
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 49 Resp: 96150
Ion Ratio Lower Upper
49 100
128 48.2 25.1 75.4
130 60.3 31.6 94.7

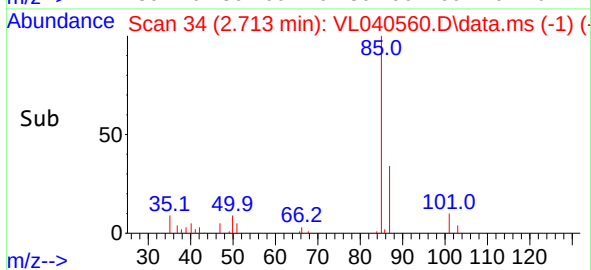
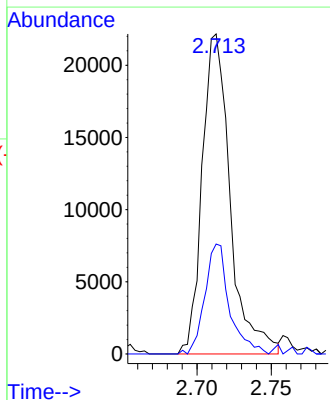
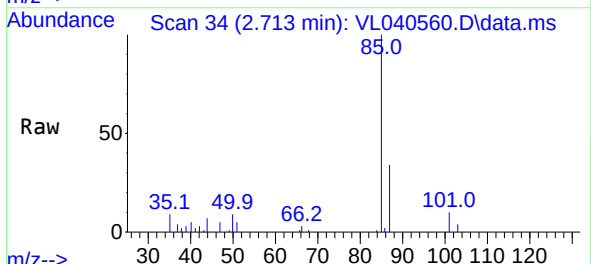
Manual Integrations
APPROVED

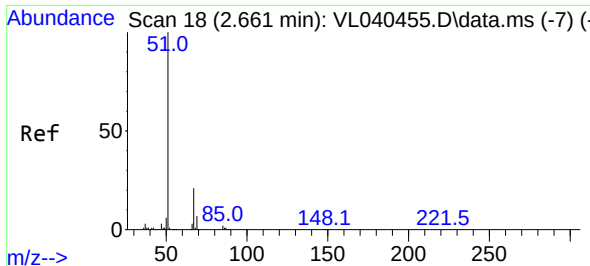
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#2
Dichlorodifluoromethane
Concen: 0.151 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

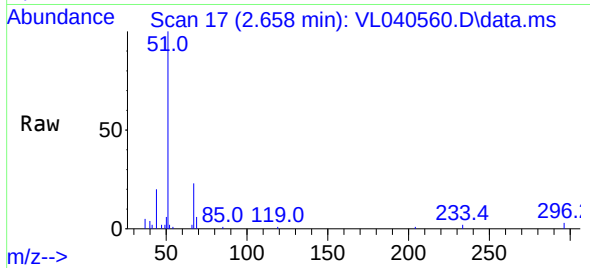
Tgt Ion: 85 Resp: 29048
Ion Ratio Lower Upper
85 100
87 34.3 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.125 ppbv
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

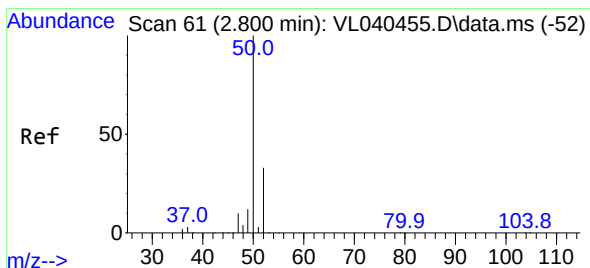
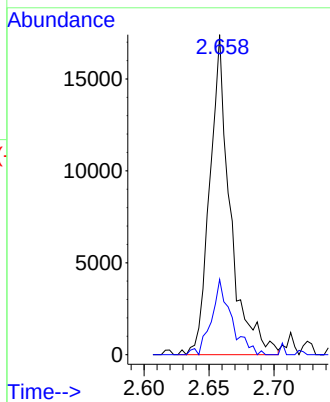
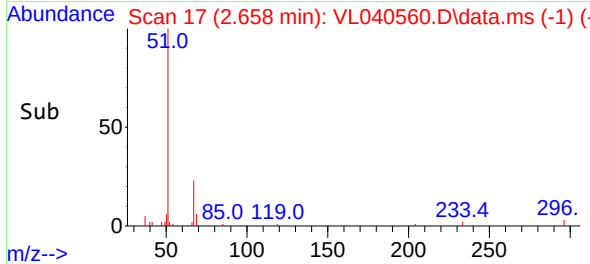
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



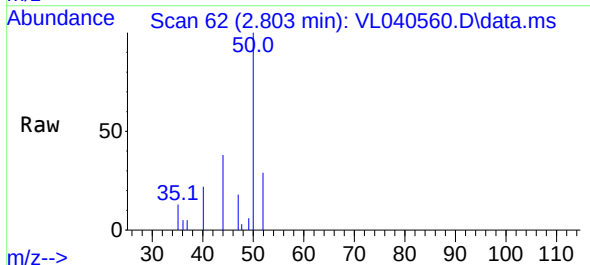
Tgt Ion: 51 Resp: 19050
Ion Ratio Lower Upper
51 100
67 23.1 14.6 21.8

Manual Integrations
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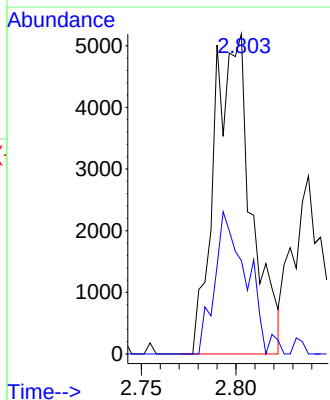
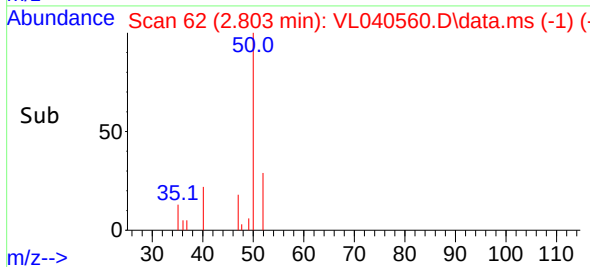
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



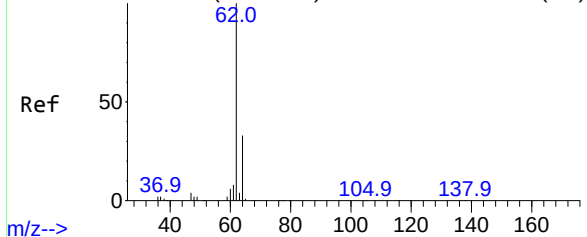
#4
Chloromethane
Concen: 0.117 ppbv m
RT: 2.803 min Scan# 62
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



Tgt Ion: 50 Resp: 7064
Ion Ratio Lower Upper
50 100
52 29.2 24.4 36.6



Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)



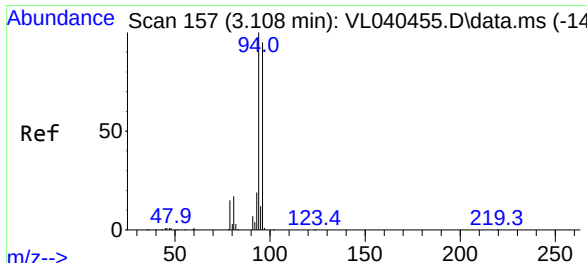
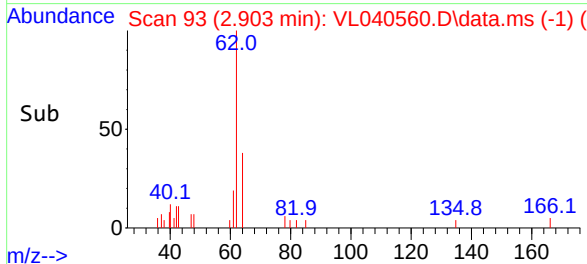
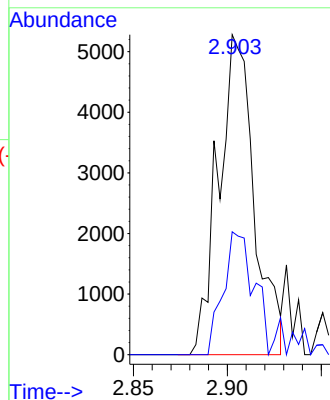
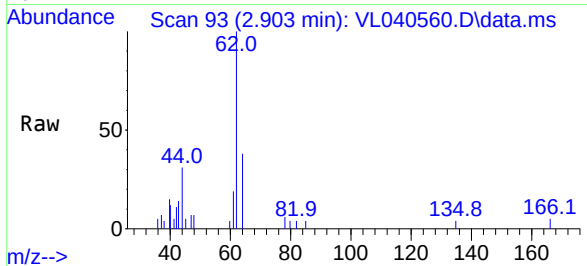
#5
Vinyl Chloride
Concen: 0.110 ppbv m
RT: 2.903 min Scan# 91
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion: 62 Resp: 699
Ion Ratio Lower Upper
62 100
64 38.4 26.4 39.6

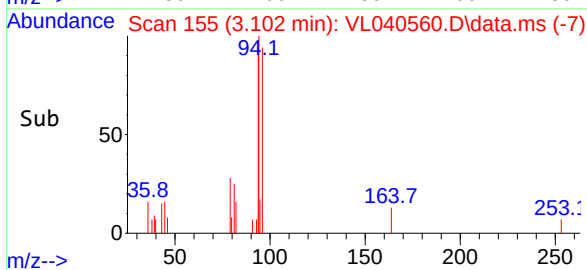
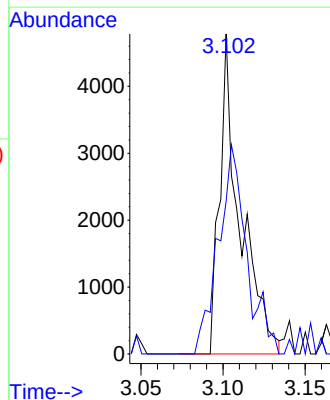
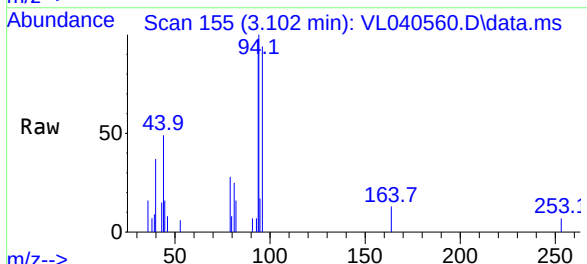
Manual Integrations
APPROVED

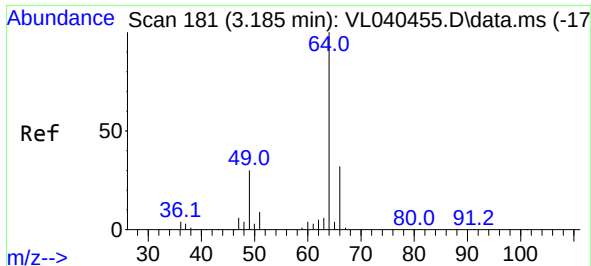
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#6
Bromomethane
Concen: 0.154 ppbv m
RT: 3.102 min Scan# 155
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

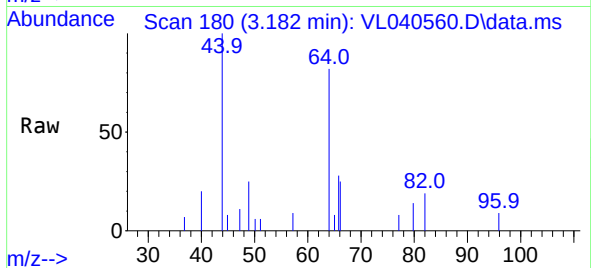
Tgt Ion: 94 Resp: 4116
Ion Ratio Lower Upper
94 100
96 94.3 75.7 113.5





#7
Chloroethane
Concen: 0.147 ppbv m
RT: 3.182 min Scan# 11
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

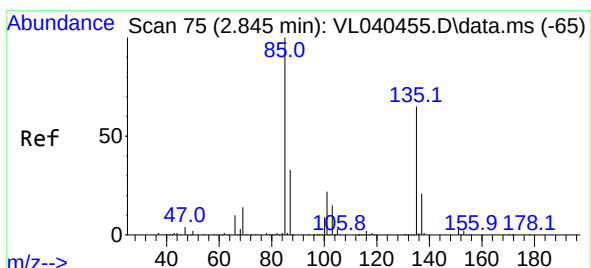
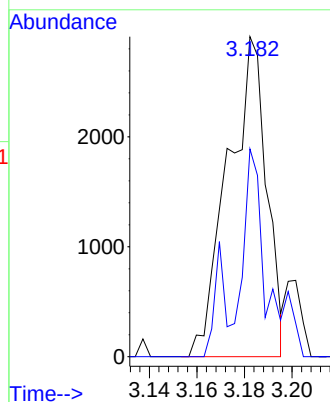
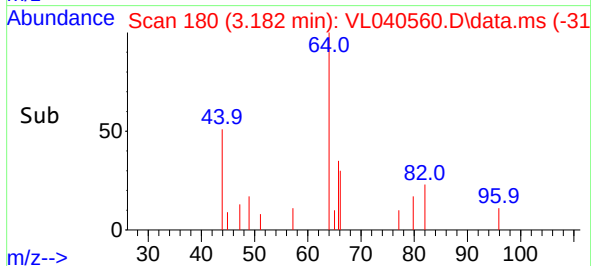
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 64 Resp: 3274
Ion Ratio Lower Upper
64 100
66 30.2 24.4 36.6

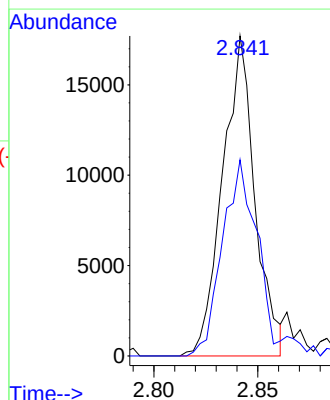
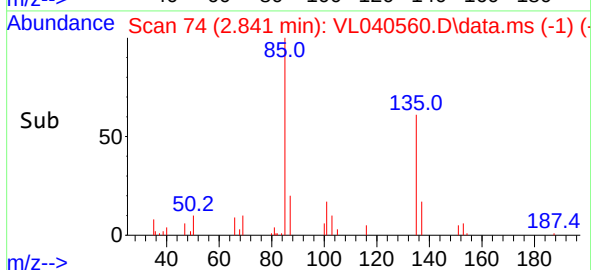
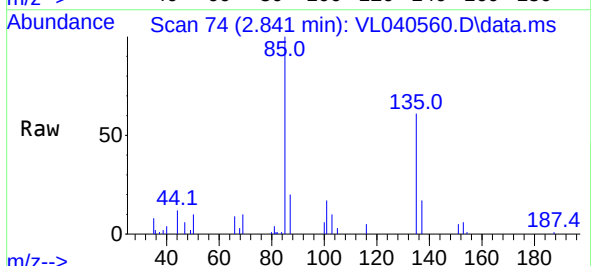
Manual Integrations
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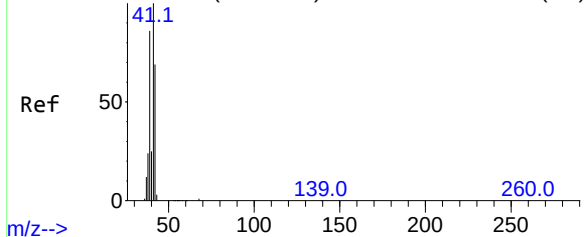


#8
Dichlorotetrafluoroethane
Concen: 0.121 ppbv
RT: 2.841 min Scan# 74
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 85 Resp: 19170
Ion Ratio Lower Upper
85 100
135 70.1 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 0.123 ppbv

RT: 2.687 min Scan# 2

Delta R.T. -0.016 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 41 Resp: 643

Ion Ratio Lower Upper

41 100

42 93.9 55.0 82.6

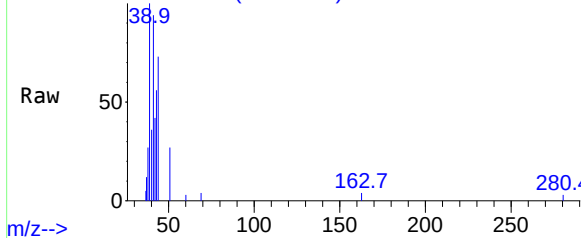
Manual Integrations

APPROVED

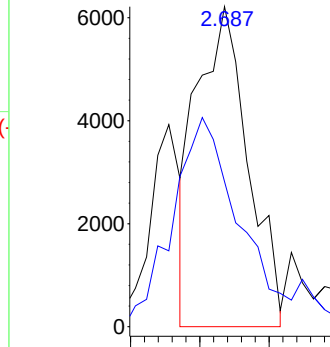
Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023

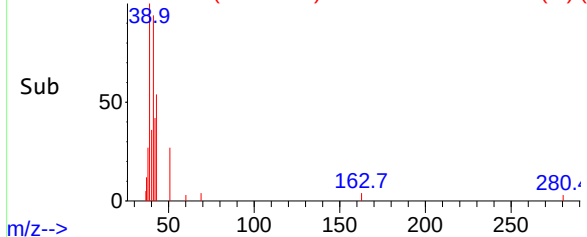
Abundance Scan 26 (2.687 min): VL040560.D\data.ms



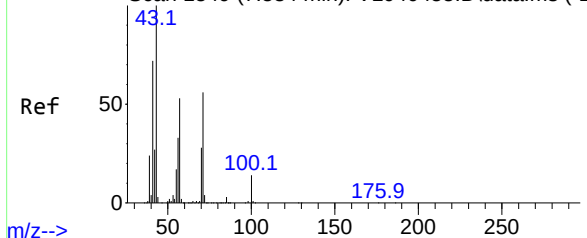
Abundance



Abundance Scan 26 (2.687 min): VL040560.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 0.068 ppbv m

RT: 7.571 min Scan# 1545

Delta R.T. -0.019 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

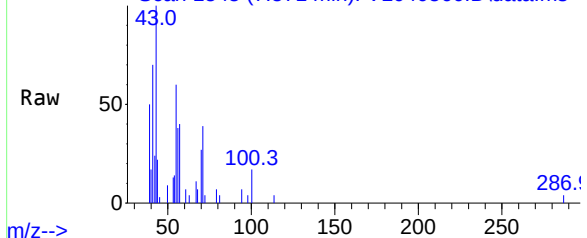
Tgt Ion: 43 Resp: 7833

Ion Ratio Lower Upper

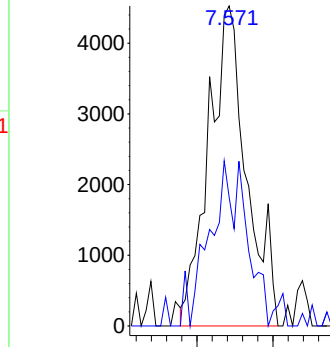
43 100

57 0.0 42.5 63.7

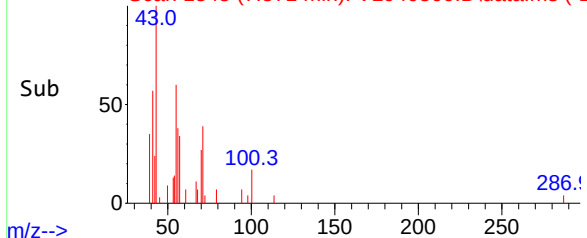
Abundance Scan 1545 (7.571 min): VL040560.D\data.ms

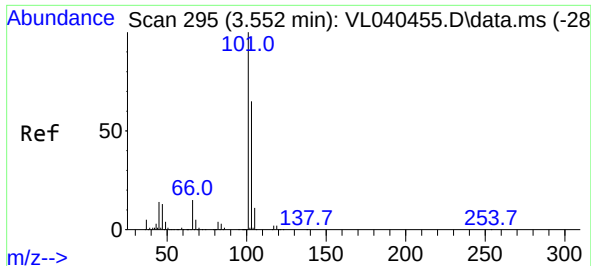


Abundance



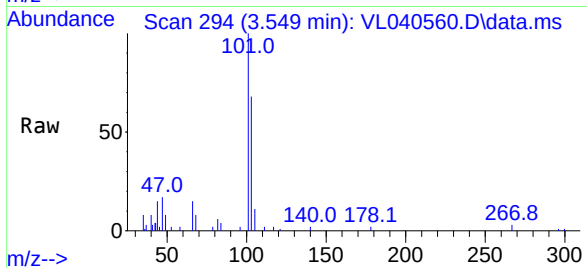
Abundance Scan 1545 (7.571 min): VL040560.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 0.140 ppbv
RT: 3.549 min Scan# 295
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

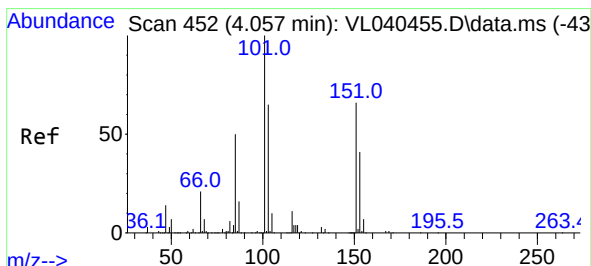
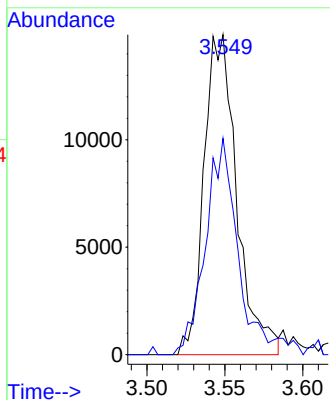
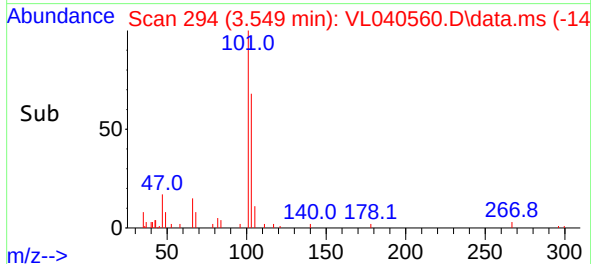
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



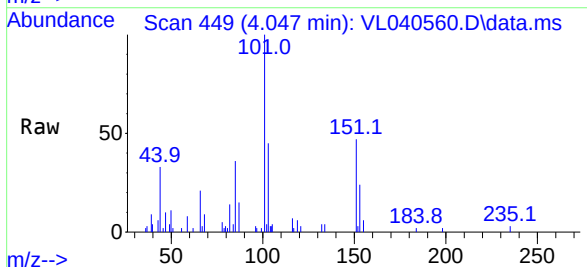
Tgt Ion:101 Resp: 21779
Ion Ratio Lower Upper
101 100
103 65.5 53.4 80.0

Manual Integrations
APPROVED

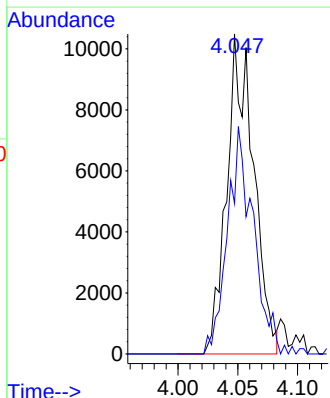
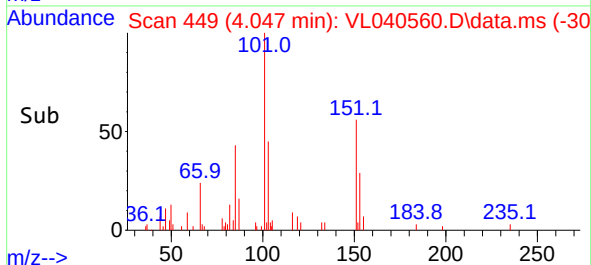
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

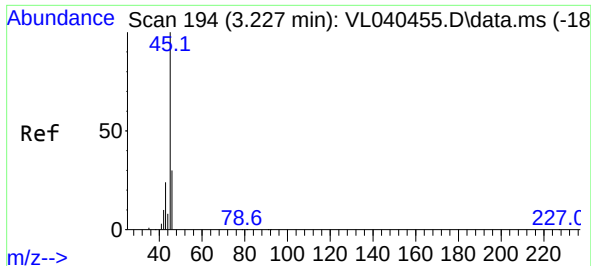


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.149 ppbv m
RT: 4.047 min Scan# 449
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



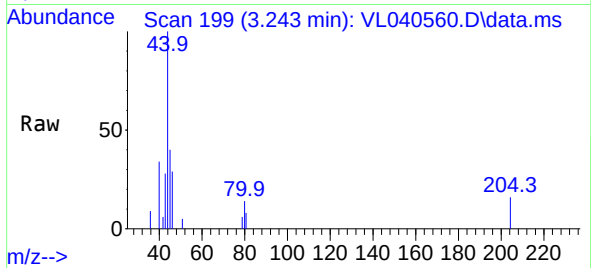
Tgt Ion:101 Resp: 16333
Ion Ratio Lower Upper
101 100
151 0.0 58.2 87.4#





#13
Ethanol
Concen: 0.176 ppbv m
RT: 3.243 min Scan# 194
Delta R.T. -0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

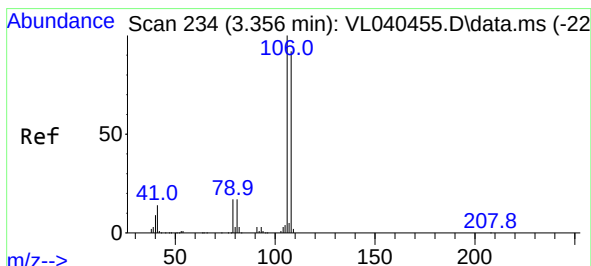
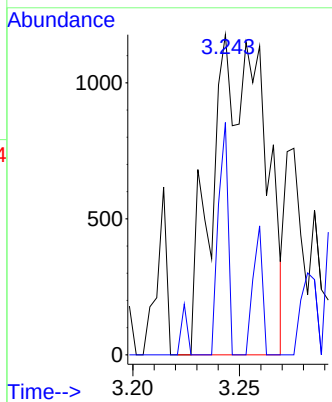
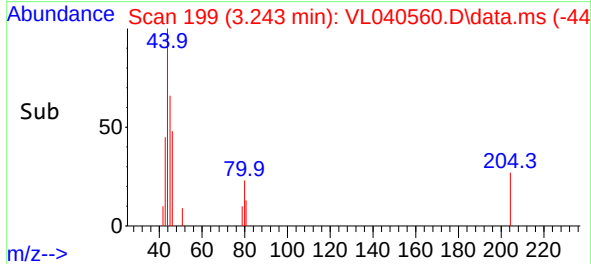
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



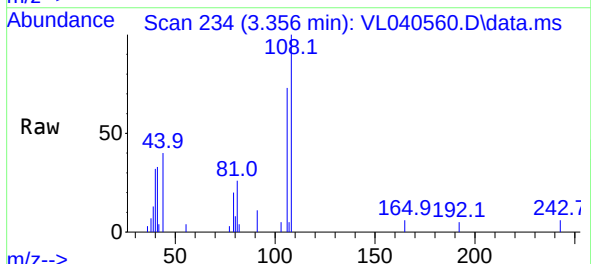
Tgt Ion: 45 Resp: 200
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1

Manual Integrations
APPROVED

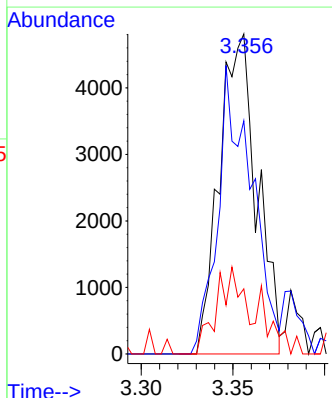
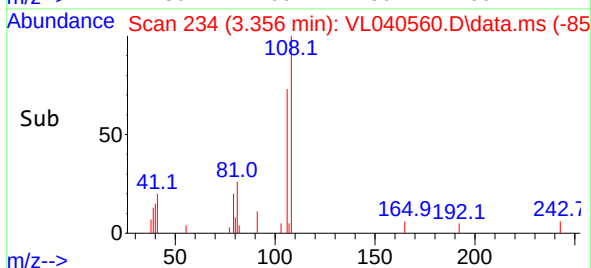
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

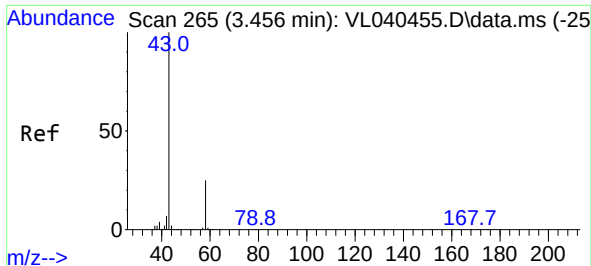


#14
Bromoethene
Concen: 0.146 ppbv m
RT: 3.356 min Scan# 234
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



Tgt Ion:108 Resp: 6863
Ion Ratio Lower Upper
108 100
106 0.0 87.2 130.8#
79 0.0 15.3 22.9#





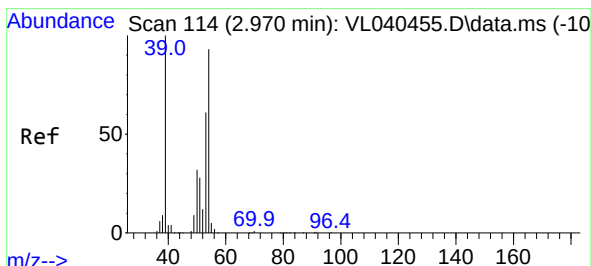
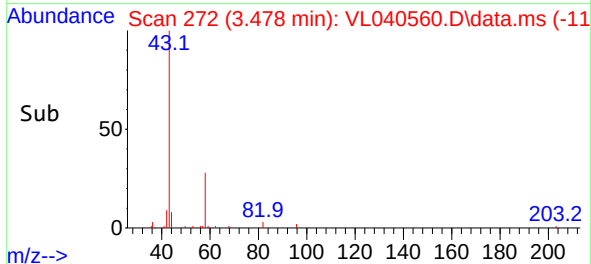
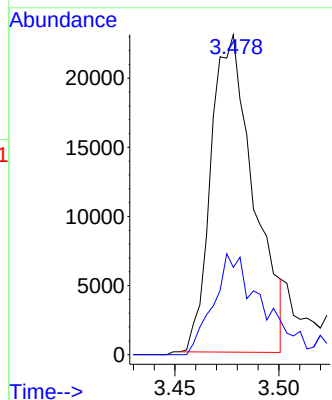
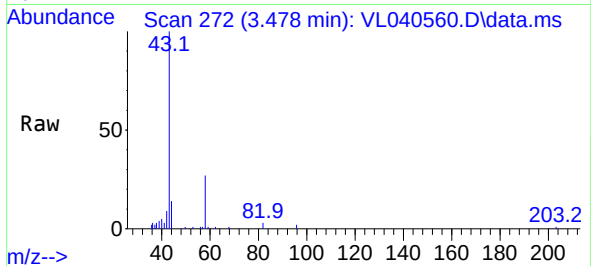
#15
Acetone
Concen: 0.296 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion: 43 Resp: 3272
Ion Ratio Lower Upper
43 100
58 40.1 22.9 34.3

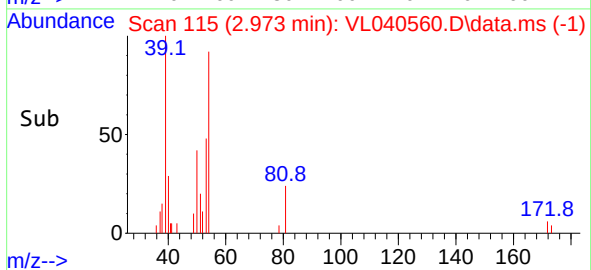
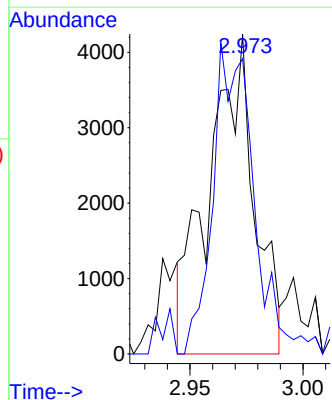
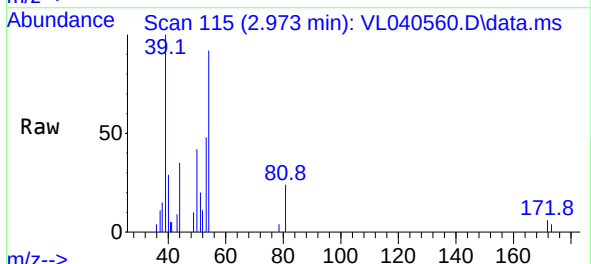
Manual Integrations
APPROVED

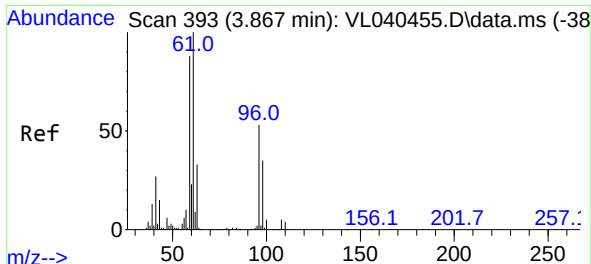
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#16
1,3-Butadiene
Concen: 0.106 ppbv m
RT: 2.973 min Scan# 115
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

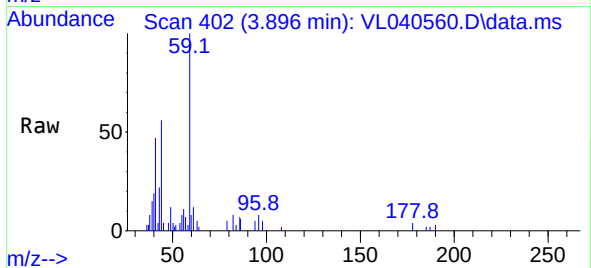
Tgt Ion: 39 Resp: 5894
Ion Ratio Lower Upper
39 100
54 0.0 66.6 100.0





#17
tert-Butyl alcohol
Concen: 0.120 ppbv m
RT: 3.896 min Scan# 402
Delta R.T. 0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

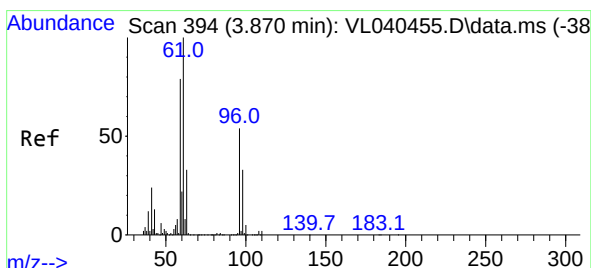
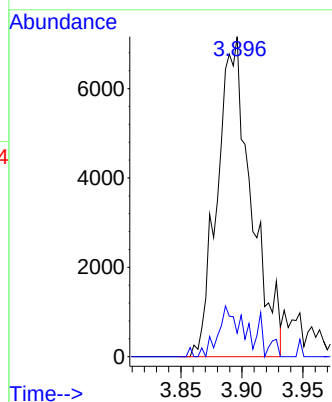
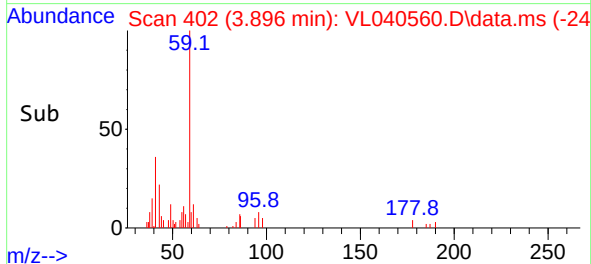
Instrument :
MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



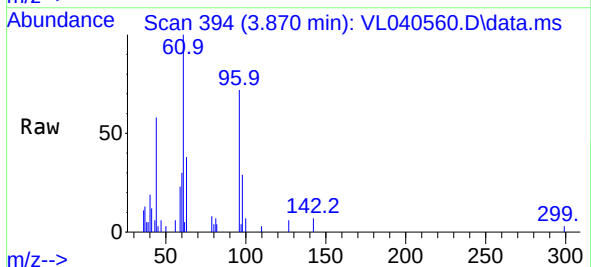
Tgt Ion: 59 Resp: 13725
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

Manual Integrations
APPROVED

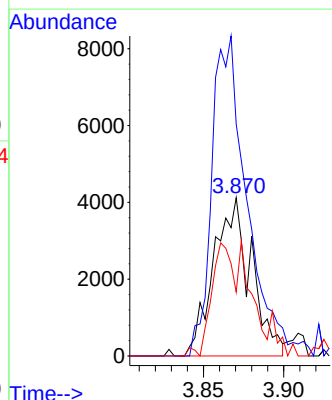
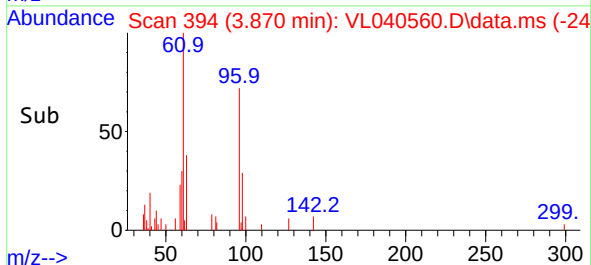
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

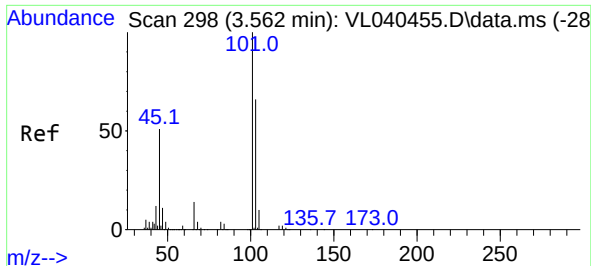


#18
1,1-Dichloroethene
Concen: 0.133 ppbv m
RT: 3.870 min Scan# 394
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



Tgt Ion: 96 Resp: 6689
Ion Ratio Lower Upper
96 100
61 139.7 154.4 231.6#
98 40.3 50.0 75.0#





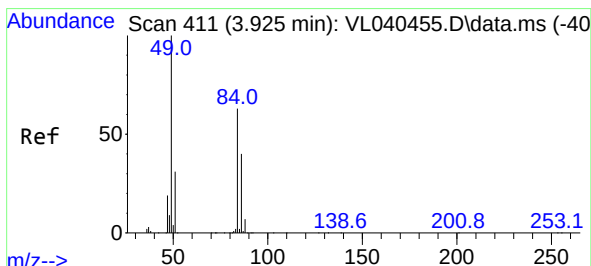
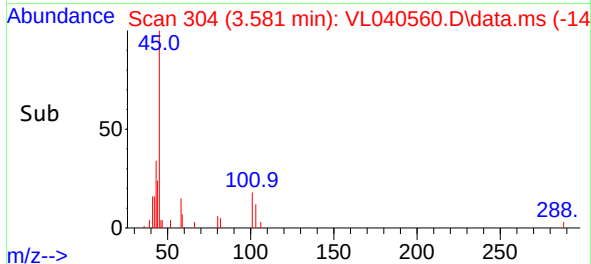
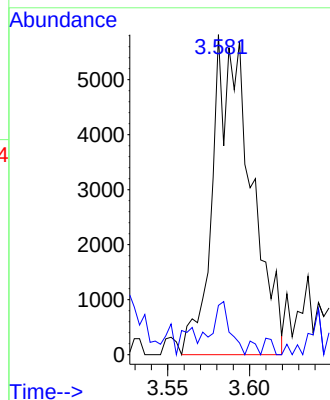
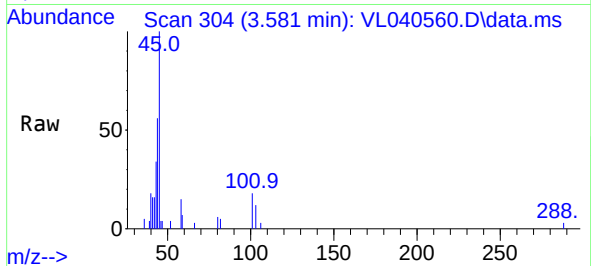
#19
Isopropyl Alcohol
Concen: 0.149 ppbv m
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion: 45 Resp: 9484
Ion Ratio Lower Upper
45 100
58 0.0 1.1 1.7

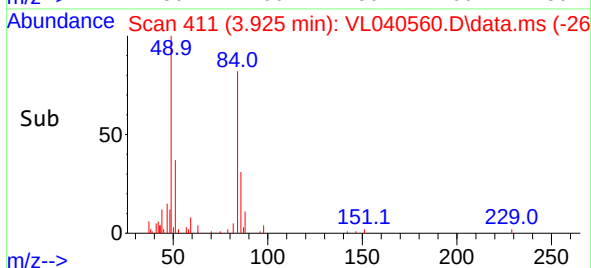
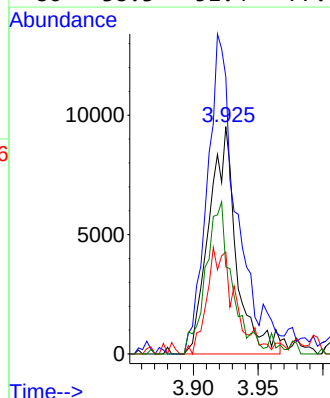
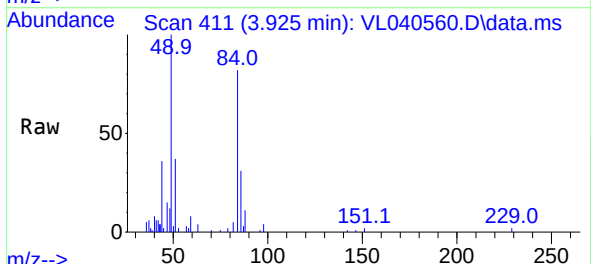
Manual Integrations
APPROVED

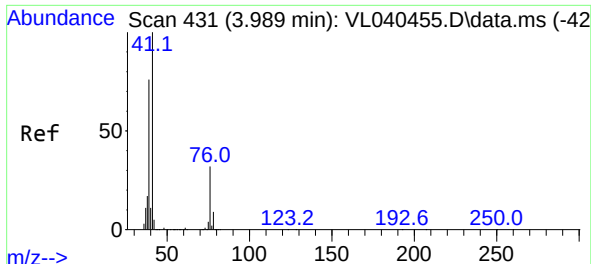
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#20
Methylene Chloride
Concen: 0.299 ppbv m
RT: 3.925 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

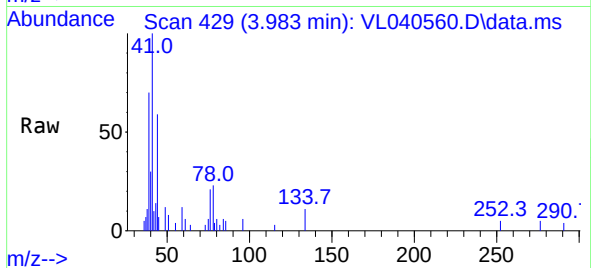
Tgt Ion: 84 Resp: 14080
Ion Ratio Lower Upper
84 100
49 122.0 123.4 185.2#
51 44.8 38.3 57.5
86 38.3 51.4 77.0#





#21
 Allyl Chloride
 Concen: 0.116 ppbv m
 RT: 3.983 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

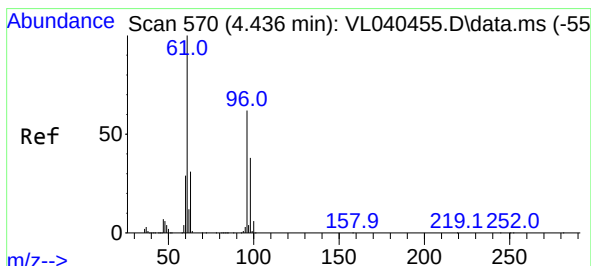
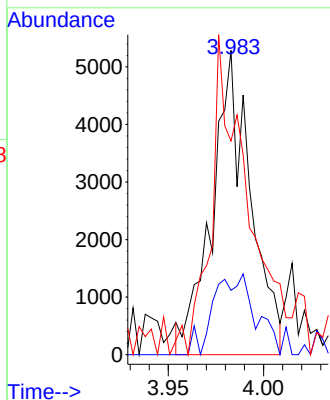
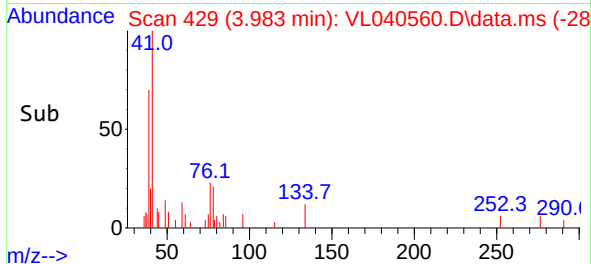
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 41 Resp: 7348
 Ion Ratio Lower Upper
 41 100
 76 32.6 24.8 37.2
 39 0.0 60.6 91.0

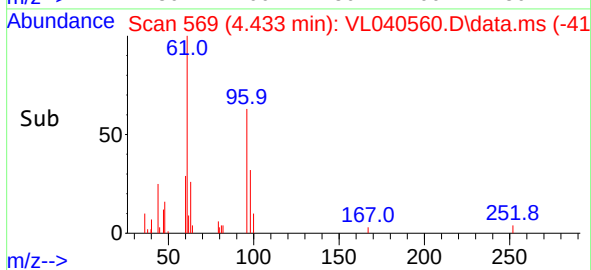
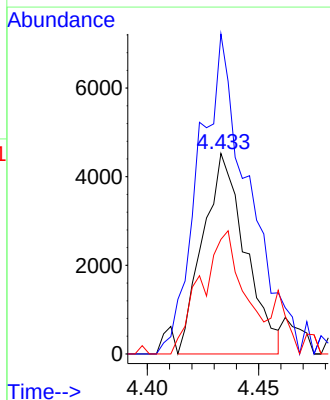
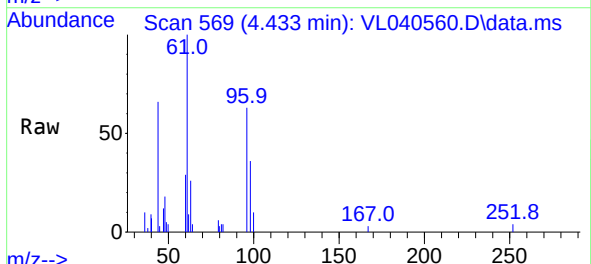
Manual Integrations
 APPROVED

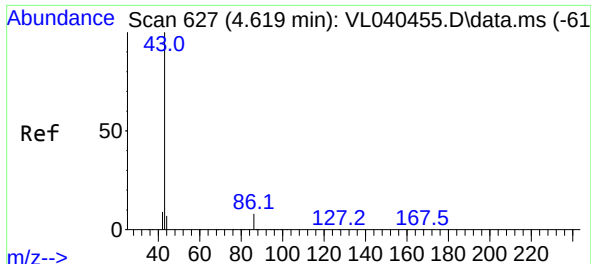
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.121 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.019 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

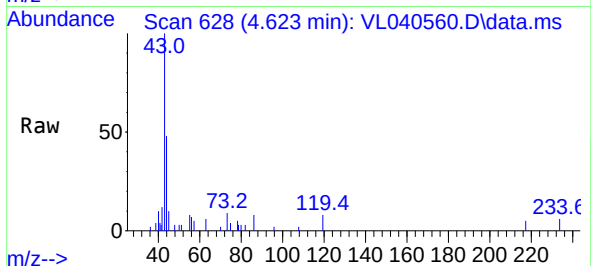
Tgt Ion: 96 Resp: 5994
 Ion Ratio Lower Upper
 96 100
 61 146.2 137.7 206.5
 98 49.3 52.9 79.3





#23
Vinyl Acetate
Concen: 0.118 ppbv m
RT: 4.623 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

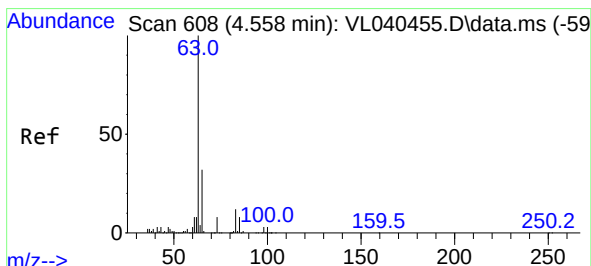
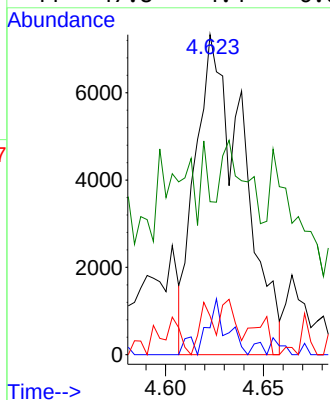
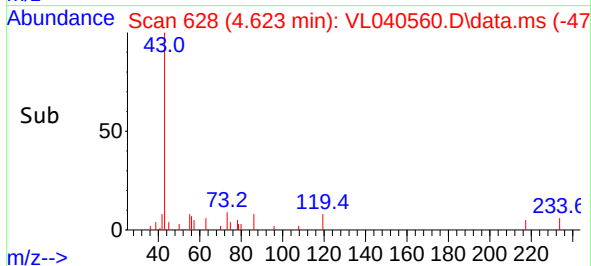
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 1247
Ion Ratio Lower Upper
43 100
86 8.4 5.6 8.4
42 12.1 7.4 11.2
44 47.8 4.4 6.6

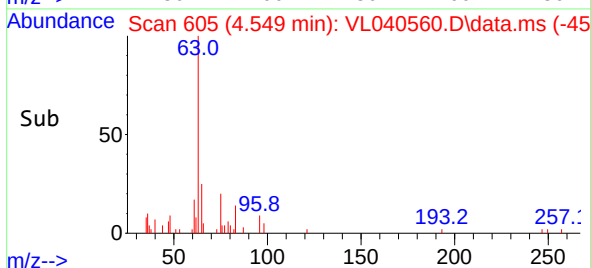
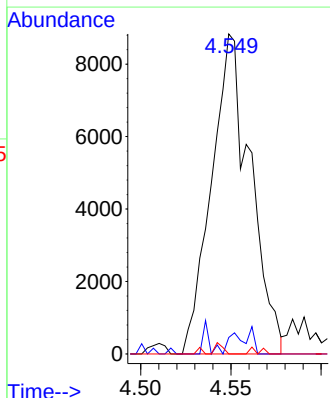
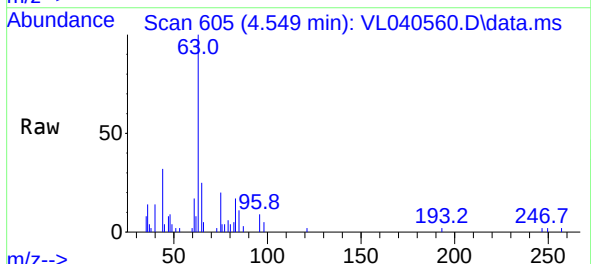
Manual Integrations
APPROVED

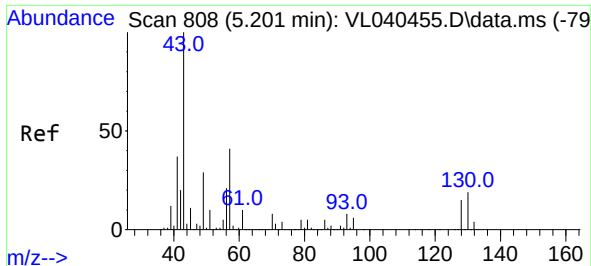
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#24
1,1-Dichloroethane
Concen: 0.124 ppbv m
RT: 4.549 min Scan# 605
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

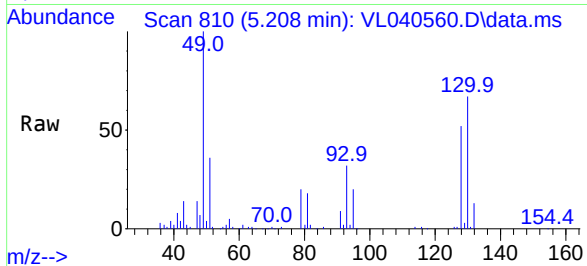
Tgt Ion: 63 Resp: 13285
Ion Ratio Lower Upper
63 100
98 5.2 1.8 5.5
100 0.0 1.4 4.0





#25
Ethyl Acetate
Concen: 0.096 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

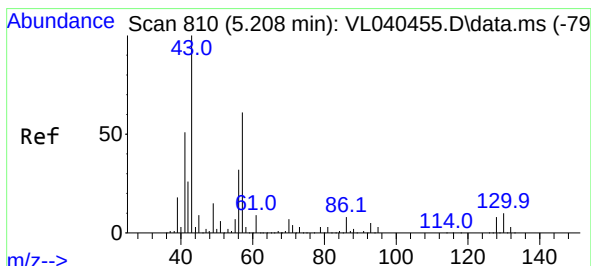
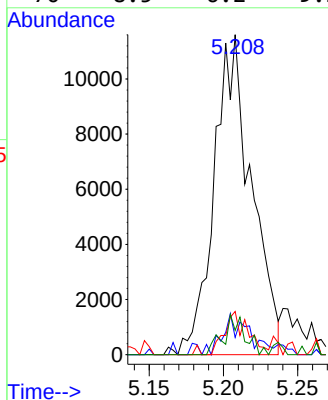
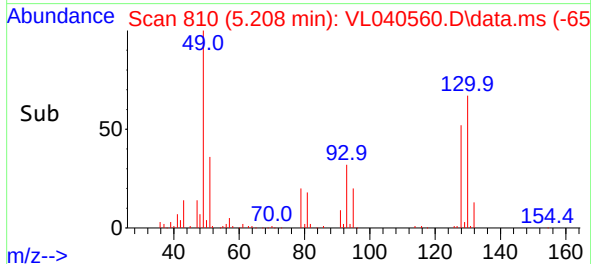
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



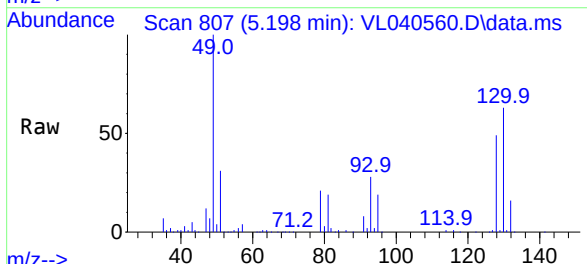
Tgt Ion: 43 Resp: 20244
Ion Ratio Lower Upper
43 100
45 11.3 8.2 12.4
61 9.8 8.3 12.5
70 8.5 6.2 9.2

Manual Integrations
APPROVED

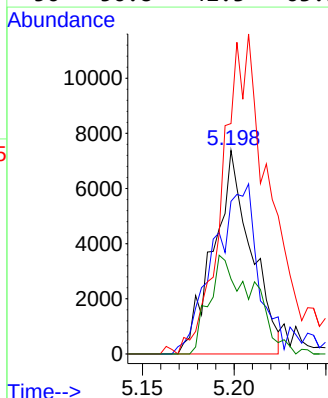
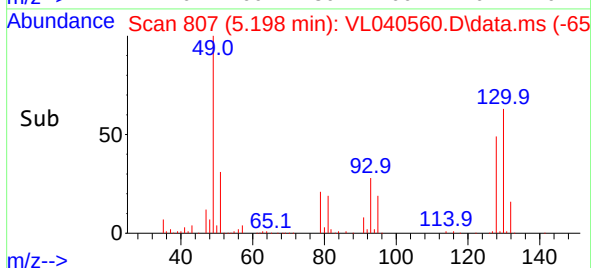
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

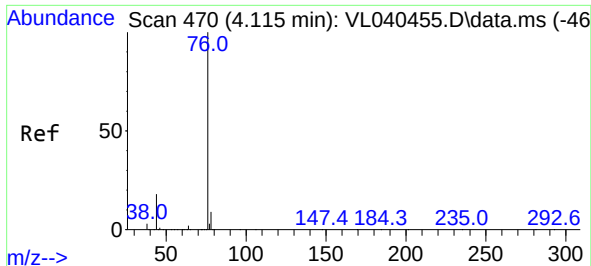


#26
Hexane
Concen: 0.107 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



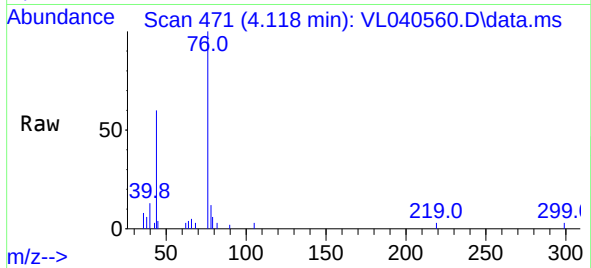
Tgt Ion: 57 Resp: 10497
Ion Ratio Lower Upper
57 100
41 110.8 69.5 104.3#
43 221.7 177.1 265.7
56 56.8 42.3 63.5





#27
Carbon Disulfide
Concen: 0.108 ppbv m
RT: 4.118 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

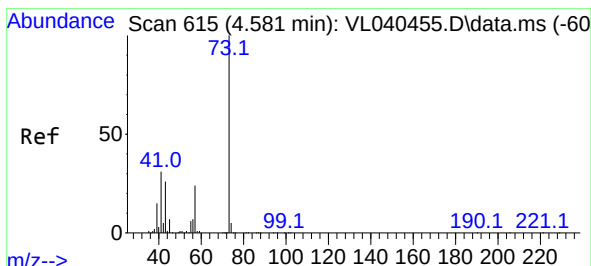
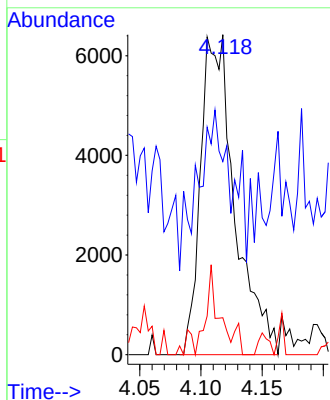
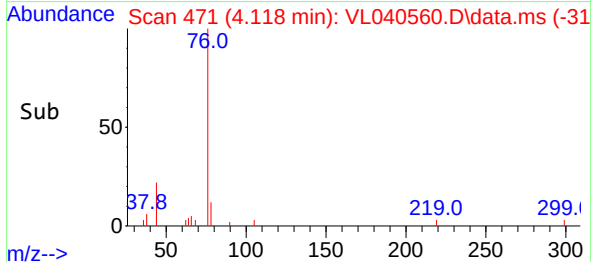
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 76 Resp: 1242
Ion Ratio Lower Upper
76 100
44 36.8 15.1 22.7
78 13.1 7.5 11.3

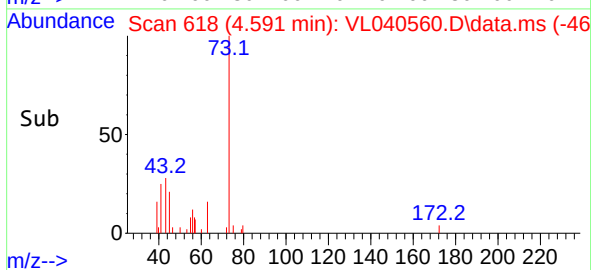
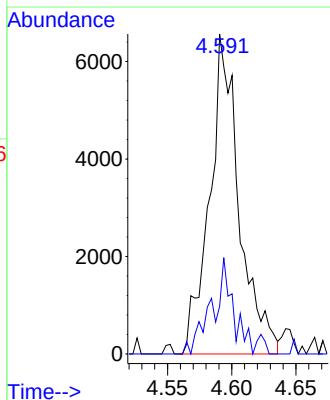
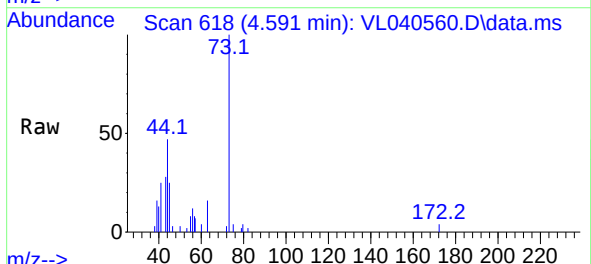
Manual Integrations
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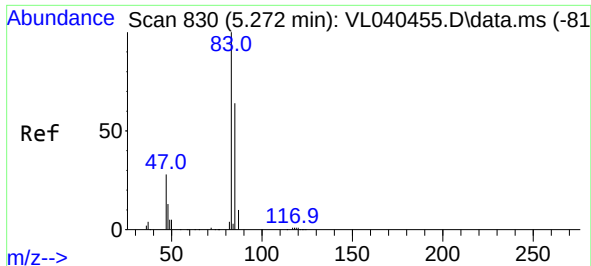
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#28
Methyl tert-Butyl Ether
Concen: 0.133 ppbv m
RT: 4.591 min Scan# 618
Delta R.T. -0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 73 Resp: 10482
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2





#29

Chloroform

Concen: 0.134 ppbv

RT: 5.259 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 83 Resp: 21728

Ion Ratio Lower Upper

83 100

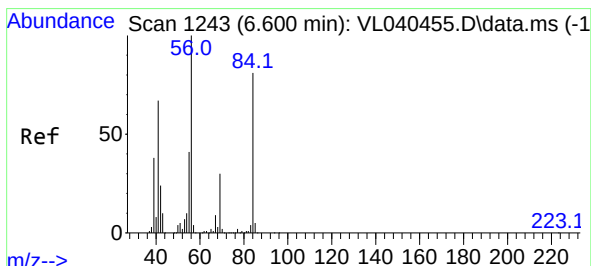
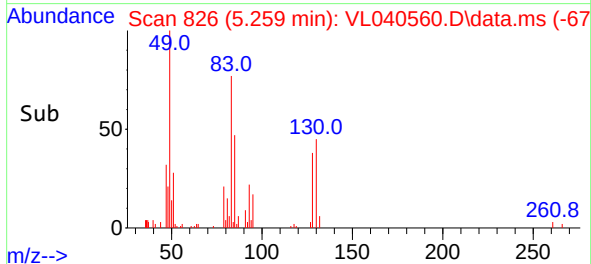
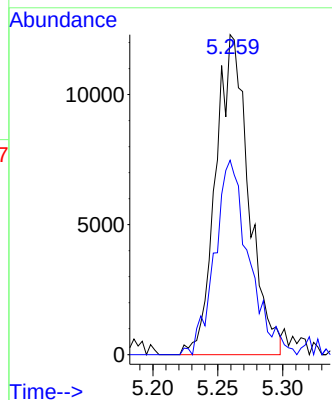
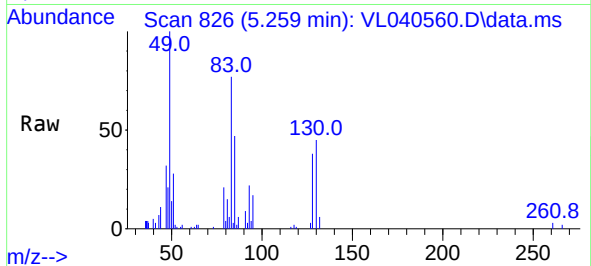
85 60.8 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#30

Cyclohexane

Concen: 0.063 ppbv m

RT: 6.590 min Scan# 1240

Delta R.T. -0.019 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

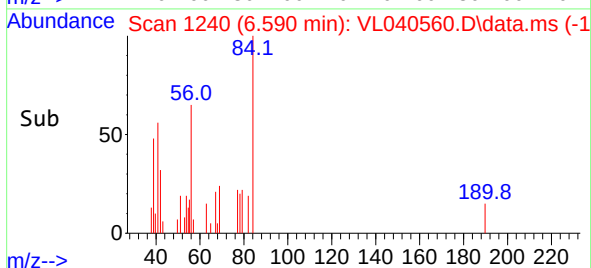
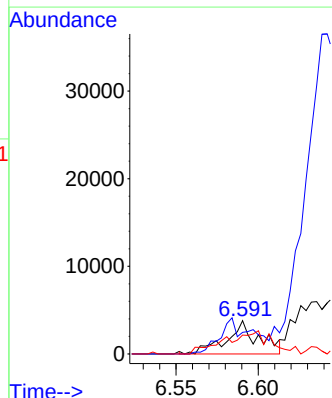
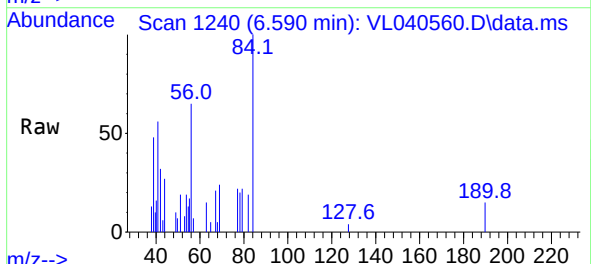
Tgt Ion: 84 Resp: 5144

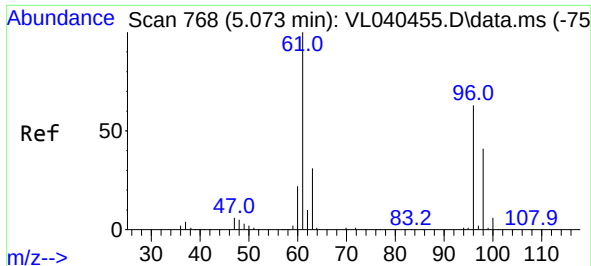
Ion Ratio Lower Upper

84 100

56 0.0 108.7 163.1#

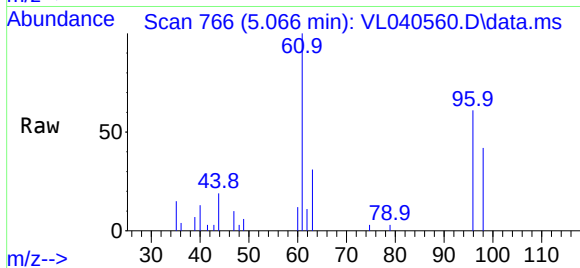
41 0.0 64.5 96.7#





#31
 cis-1,2-Dichloroethene
 Concen: 0.096 ppbv m
 RT: 5.066 min Scan# 766
 Delta R.T. -0.019 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

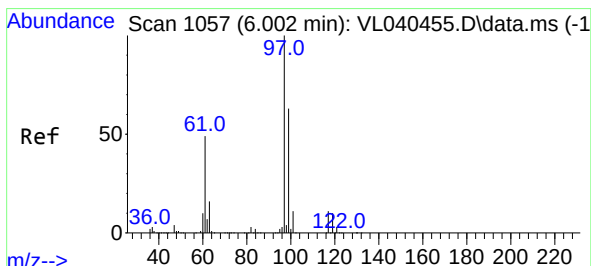
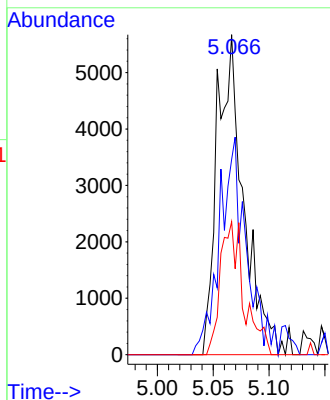
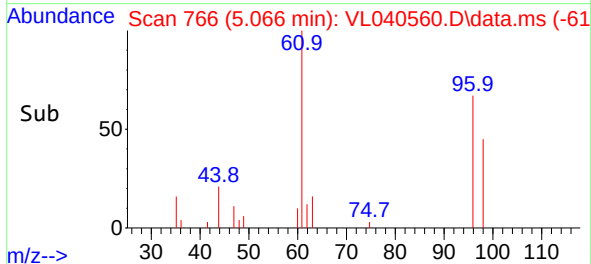
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 61 Resp: 9314
 Ion Ratio Lower Upper
 61 100
 96 61.0 54.7 82.1
 98 41.6 34.6 52.0

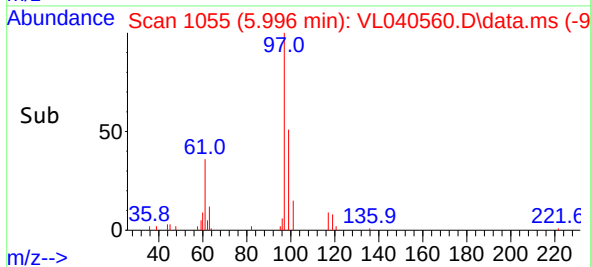
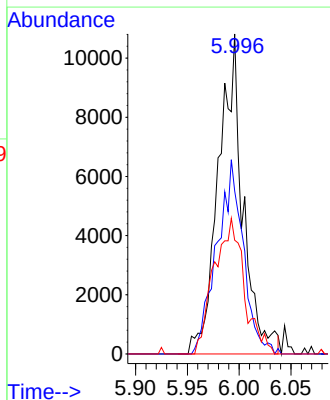
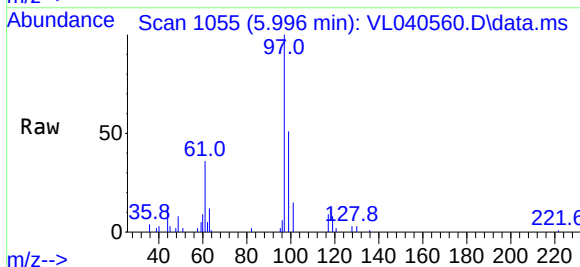
Manual Integrations
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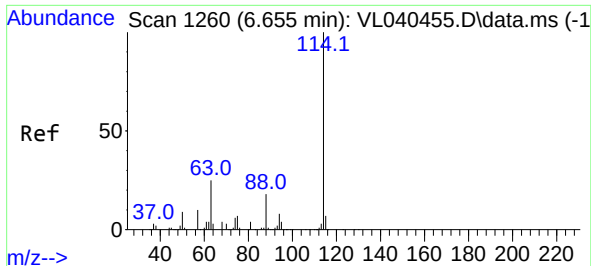
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.112 ppbv m
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

Tgt Ion: 97 Resp: 17783
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.0 78.0
 61 52.0 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.023 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

Tgt Ion:114 Resp: 237957

Ion Ratio Lower Upper

114 100

63 26.7 19.6 29.4

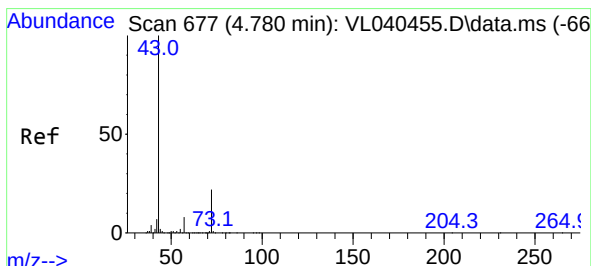
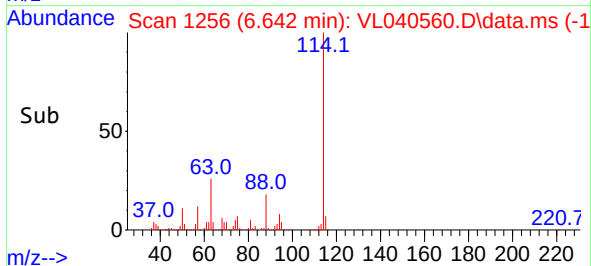
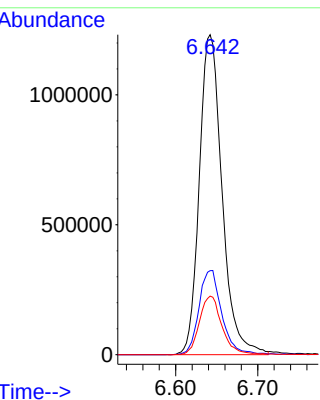
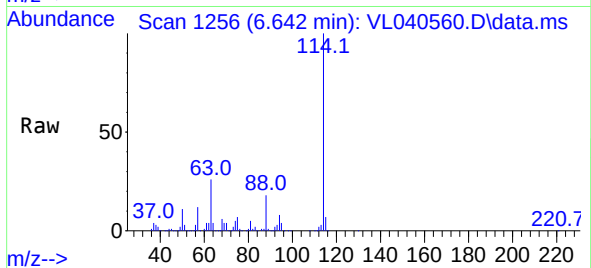
88 18.3 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023

Supervised By :Mahesh Dadoda 07/27/2023



#34

2-Butanone

Concen: 0.138 ppbv m

RT: 4.796 min Scan# 682

Delta R.T. 0.003 min

Lab File: VL040560.D

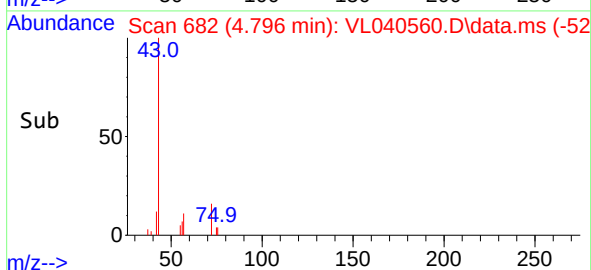
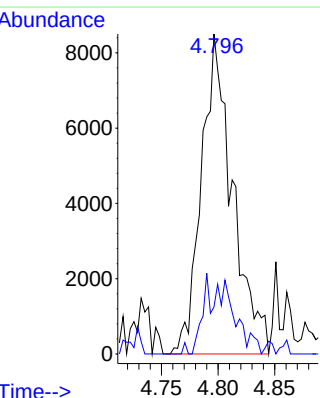
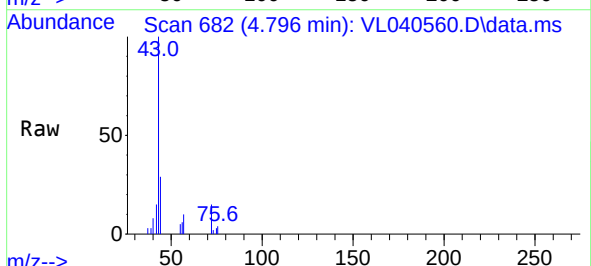
Acq: 27 Jul 2023 4:08

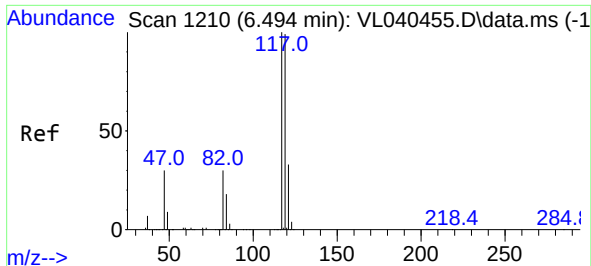
Tgt Ion: 43 Resp: 16264

Ion Ratio Lower Upper

43 100

72 0.0 19.1 28.7#





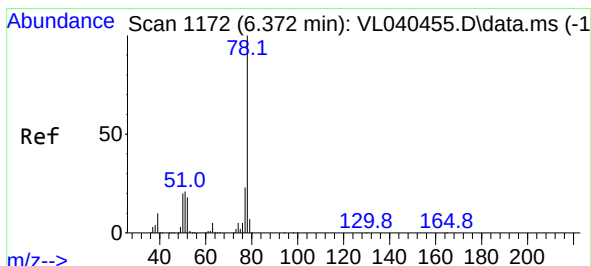
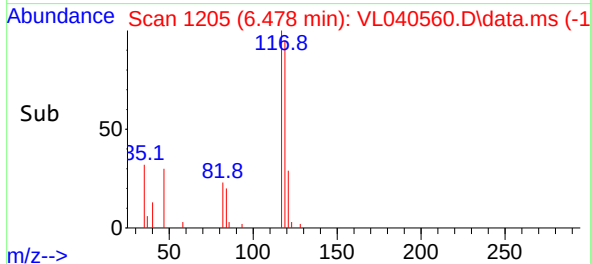
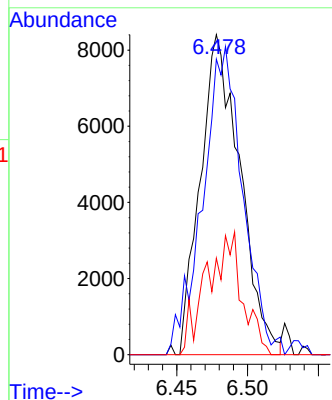
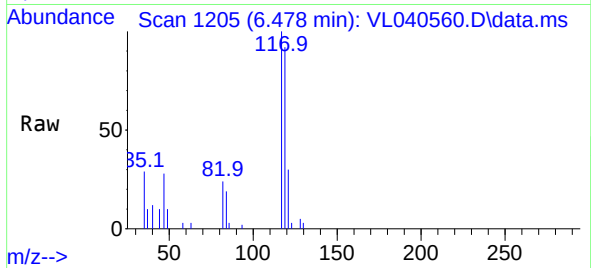
#35
Carbon Tetrachloride
Concen: 0.114 ppbv
RT: 6.478 min Scan# 1169
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion: 117 Resp: 1636
Ion Ratio Lower Upper
117 100
119 86.8 77.8 116.6
121 30.1 24.8 37.2

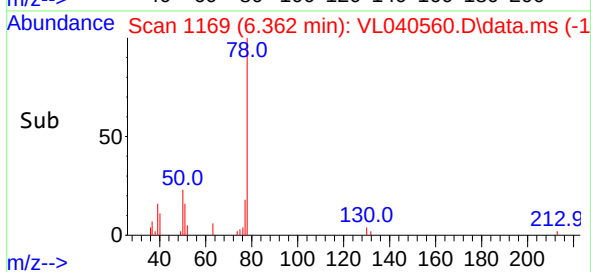
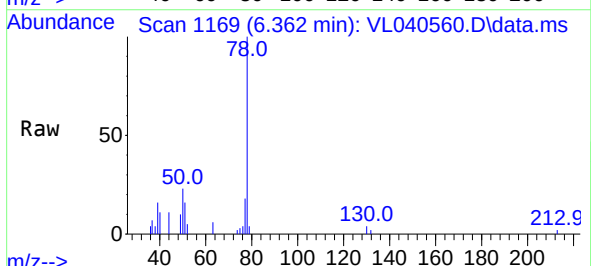
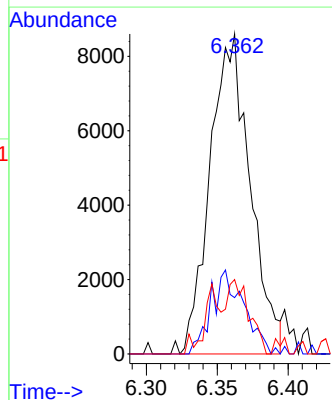
Manual Integrations
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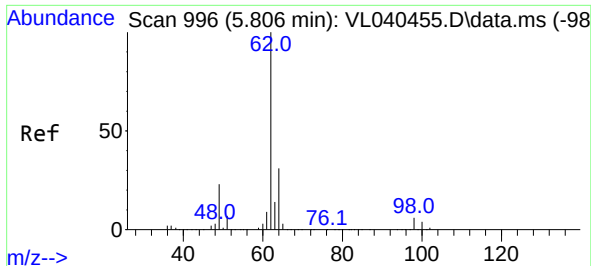
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 0.088 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

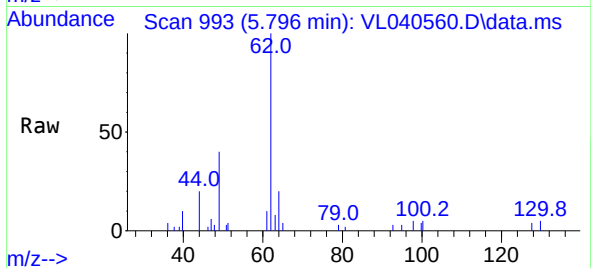
Tgt Ion: 78 Resp: 16880
Ion Ratio Lower Upper
78 100
77 17.6 17.4 26.0
50 23.3 14.4 21.6#





#37
1,2-Dichloroethane
Concen: 0.124 ppbv m
RT: 5.796 min Scan# 996
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

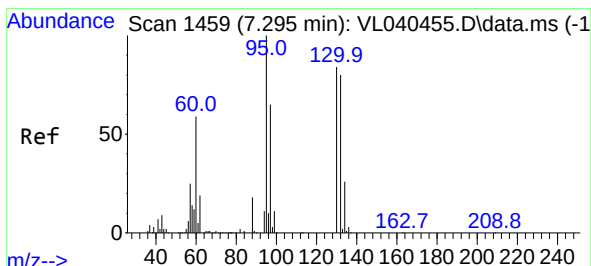
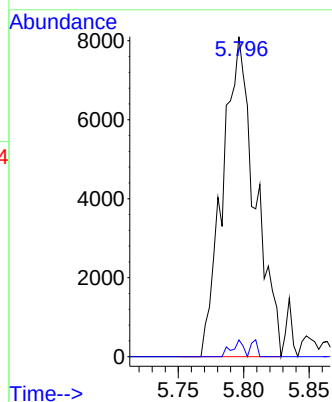
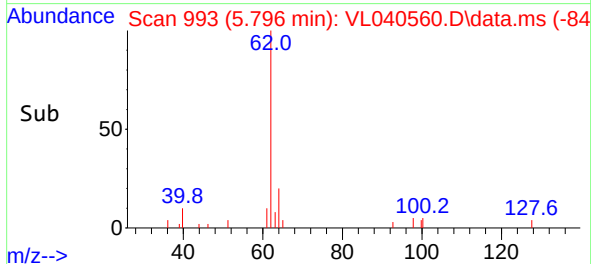
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 62 Resp: 1395
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7

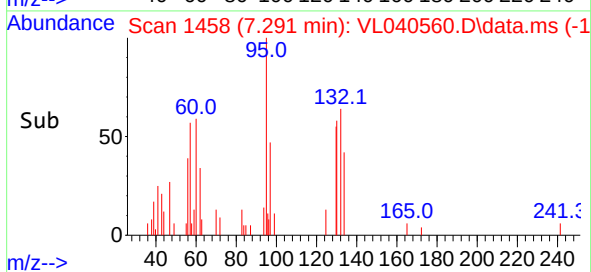
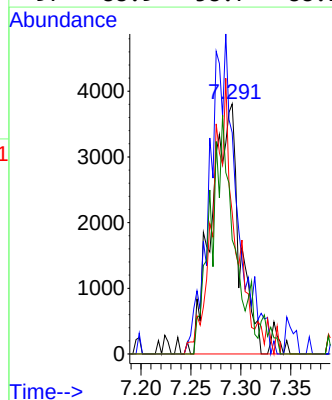
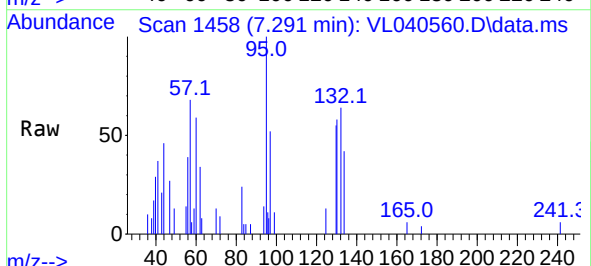
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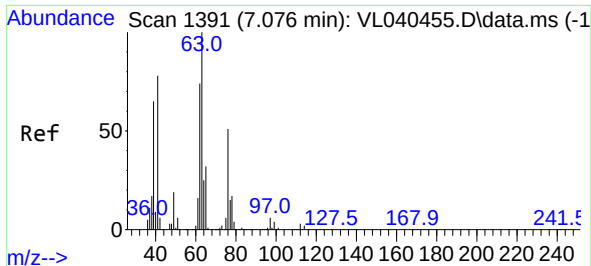
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#38
Trichloroethene
Concen: 0.105 ppbv m
RT: 7.291 min Scan# 1458
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion:130 Resp: 7584
Ion Ratio Lower Upper
130 100
95 172.3 90.2 135.2#
132 110.2 76.3 114.5
97 88.9 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 0.117 ppbv m

RT: 7.063 min Scan# 1

Delta R.T. -0.019 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

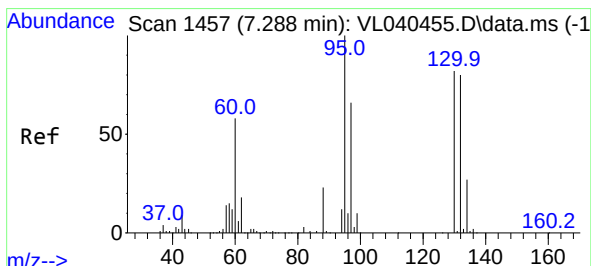
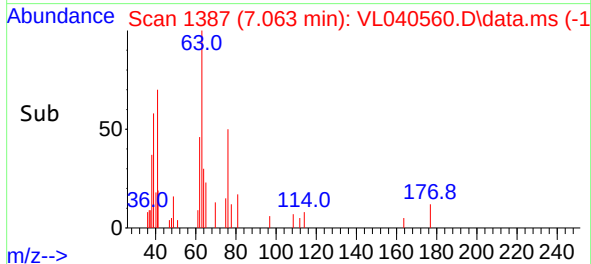
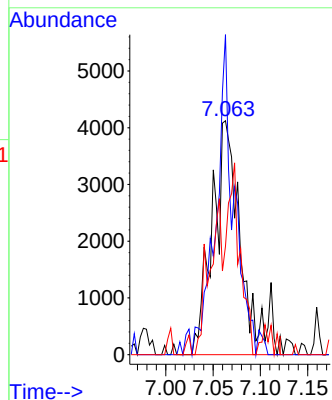
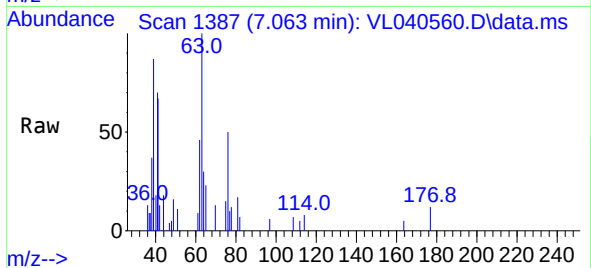
LOD-MDL-AIR-01-QT3-2023

Tgt Ion: 63	Resp: 8618
Ion Ratio	Lower Upper
63 100	
41 70.2	54.3 81.5
62 46.3	55.6 83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#40

1,4-Dioxane

Concen: 0.085 ppbv m

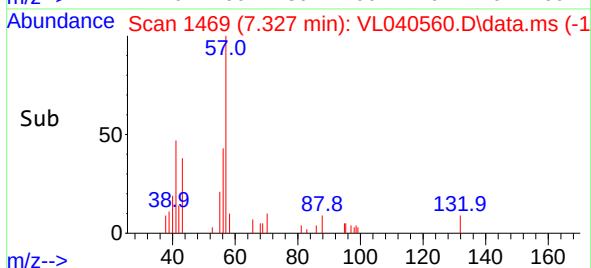
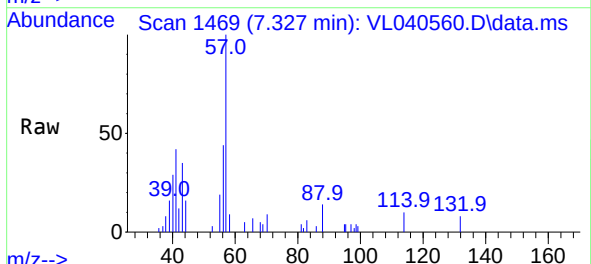
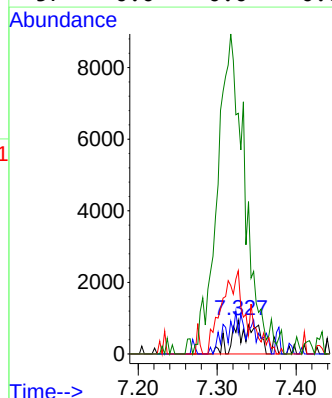
RT: 7.327 min Scan# 1469

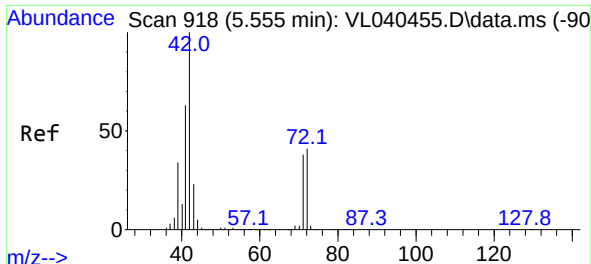
Delta R.T. 0.029 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Tgt Ion: 88	Resp: 1955
Ion Ratio	Lower Upper
88 100	
58 0.0	58.6 88.0#
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41

Tetrahydrofuran

Concen: 0.071 ppbv m

RT: 5.587 min Scan# 918

Delta R.T. 0.022 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

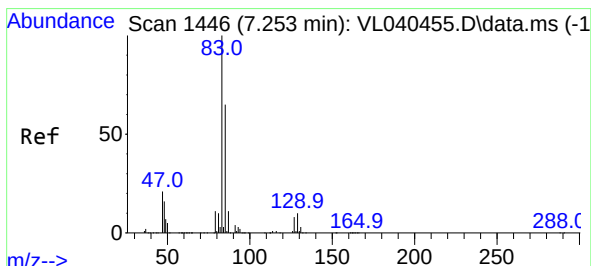
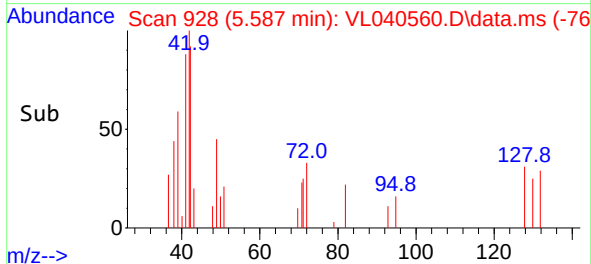
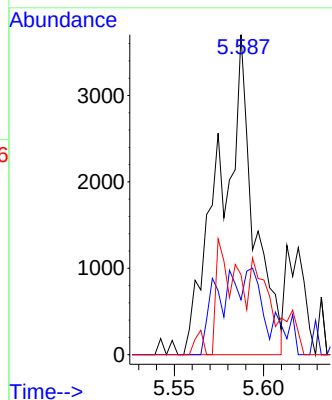
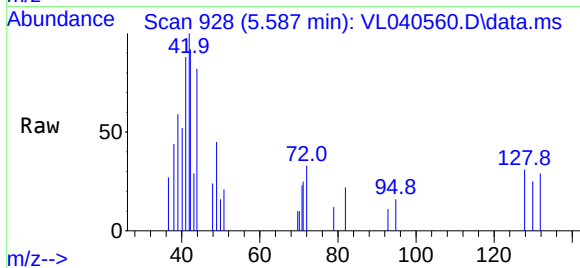
Tgt Ion: 42 Resp: 4890

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 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#42

Bromodichloromethane

Concen: 0.107 ppbv m

RT: 7.250 min Scan# 1445

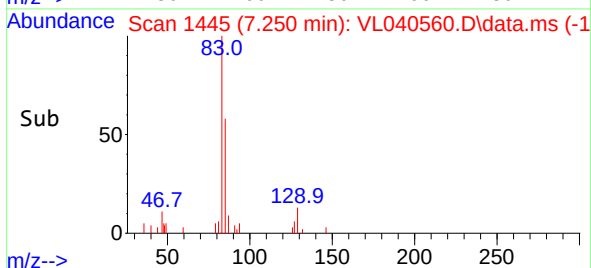
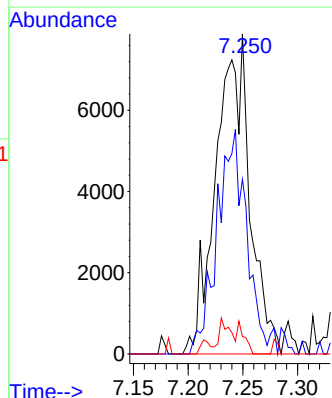
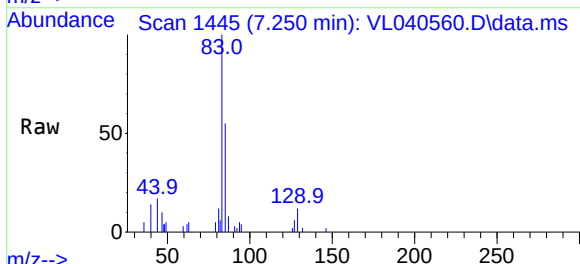
Delta R.T. -0.010 min

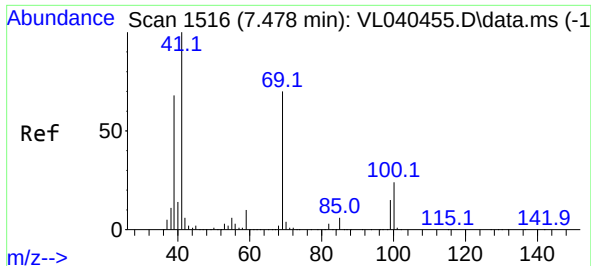
Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

Tgt Ion: 83 Resp: 16824

Ion	Ratio	Lower	Upper
83	100		
85	54.6	51.1	76.7
127	5.5	6.5	9.7





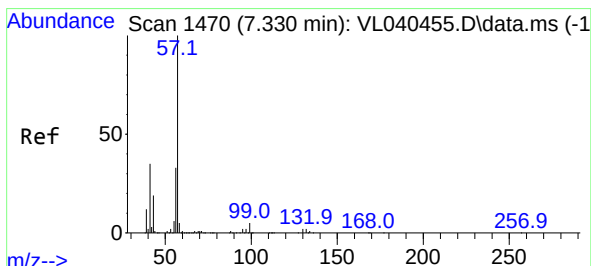
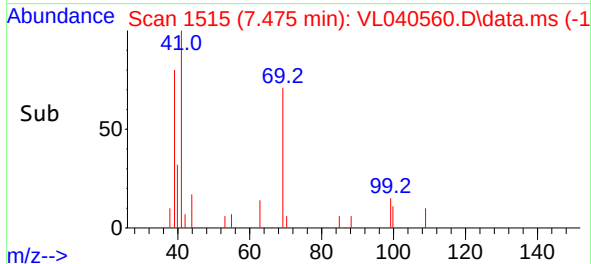
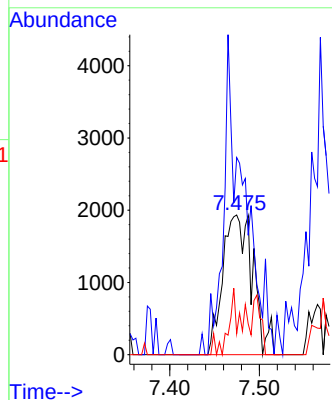
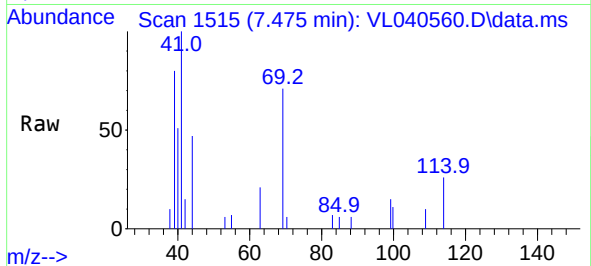
#43
Methyl Methacrylate
Concen: 0.063 ppbv m
RT: 7.475 min Scan# 1466
Delta R.T. -0.010 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion: 69 Resp: 4544
Ion Ratio Lower Upper
69 100
41 152.5 111.7 167.5
100 32.4 26.9 40.3

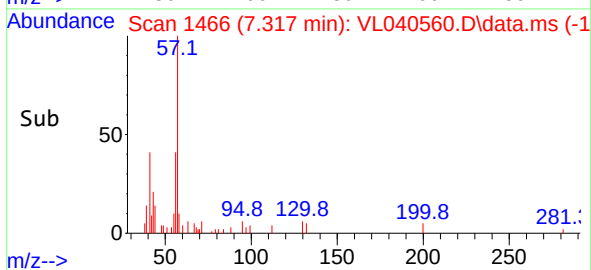
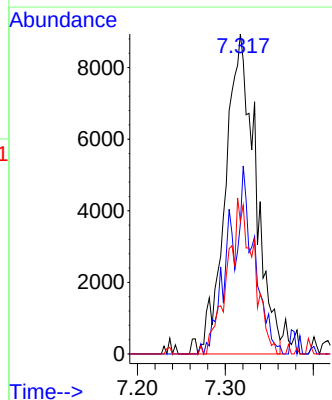
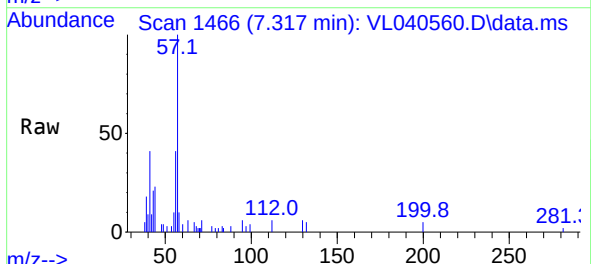
Manual Integrations
APPROVED

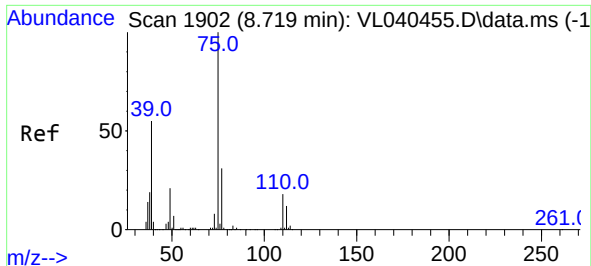
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#44
2,2,4-Trimethylpentane
Concen: 0.069 ppbv m
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 57 Resp: 21288
Ion Ratio Lower Upper
57 100
41 49.8 25.5 38.3#
56 42.4 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.059 ppbv m

RT: 8.713 min Scan# 1902

Delta R.T. -0.010 min

Lab File: VL040560.D

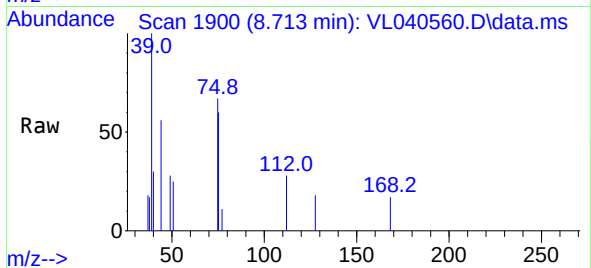
Acq: 27 Jul 2023 4:08

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT3-2023

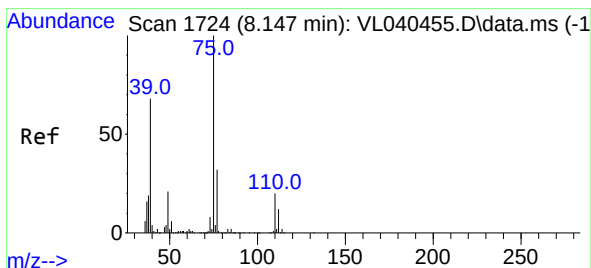
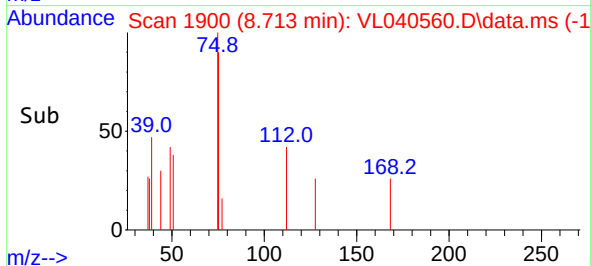
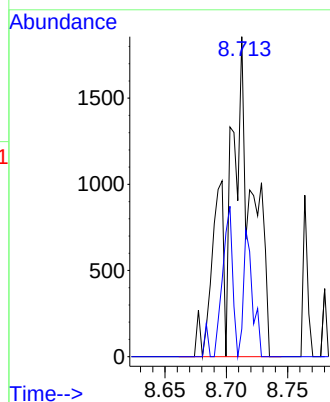


Tgt Ion: 75 Resp: 2709
Ion Ratio Lower Upper
75 100
77 18.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#46

cis-1,3-Dichloropropene

Concen: 0.063 ppbv m

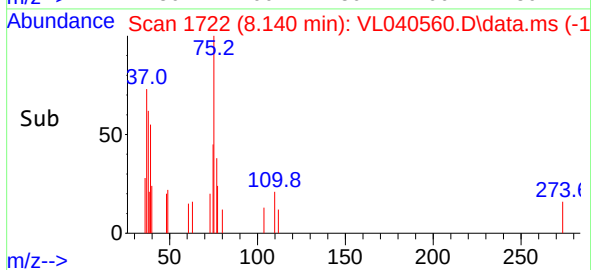
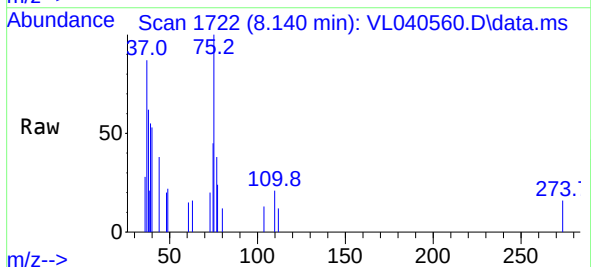
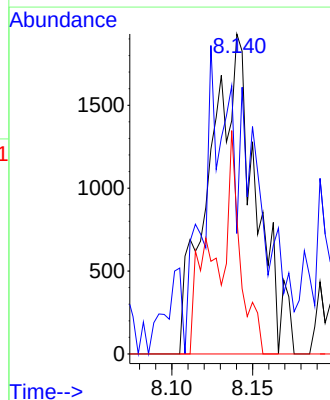
RT: 8.140 min Scan# 1722

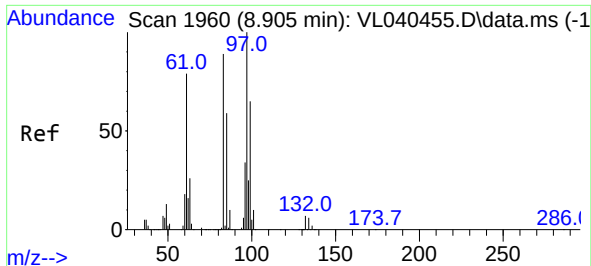
Delta R.T. -0.013 min

Lab File: VL040560.D

Acq: 27 Jul 2023 4:08

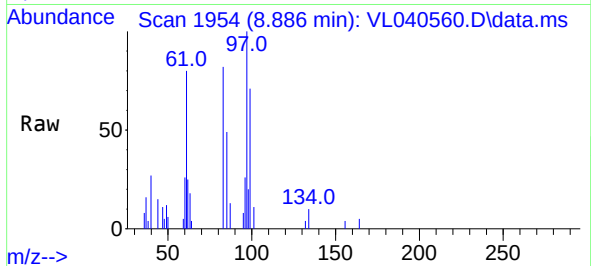
Tgt Ion: 75 Resp: 3729
Ion Ratio Lower Upper
75 100
39 54.7 48.0 72.0
77 37.9 24.0 36.0





#47
1,1,2-Trichloroethane
Concen: 0.119 ppbv m
RT: 8.886 min Scan# 1954
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

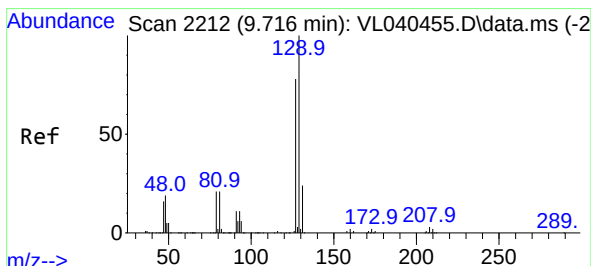
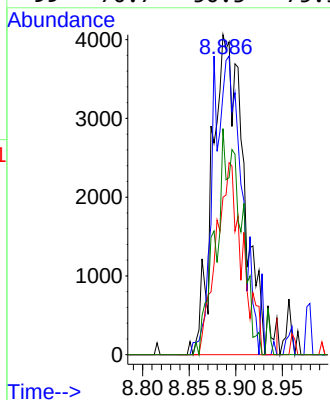
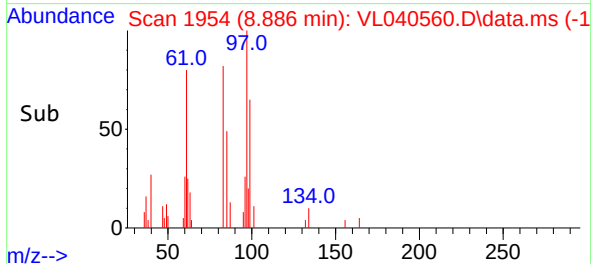


Tgt Ion: 97 Resp: 9694

Ion	Ratio	Lower	Upper
97	100		
83	81.6	73.4	110.0
85	49.2	46.6	70.0
99	70.7	50.3	75.5

Manual Integrations
APPROVED

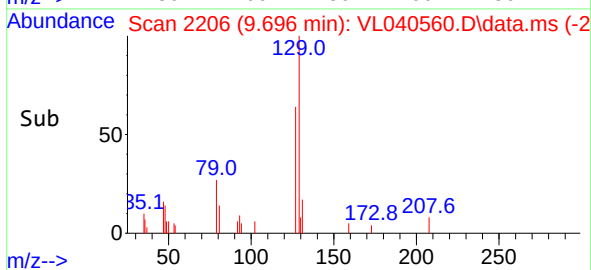
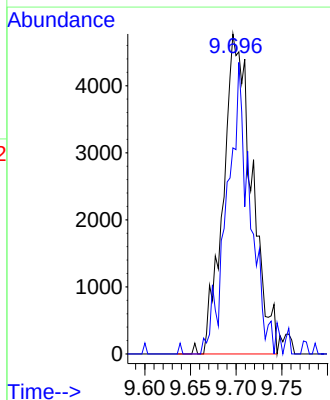
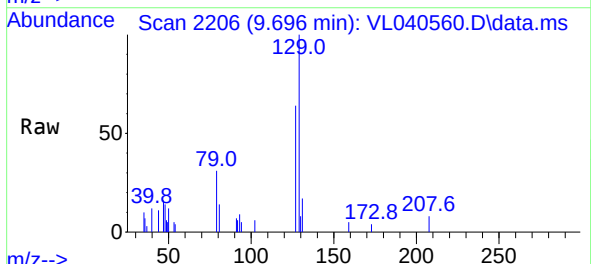
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

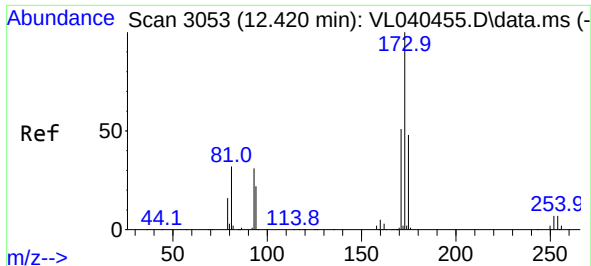


#48
Dibromochloromethane
Concen: 0.083 ppbv m
RT: 9.696 min Scan# 2206
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion:129 Resp: 10443

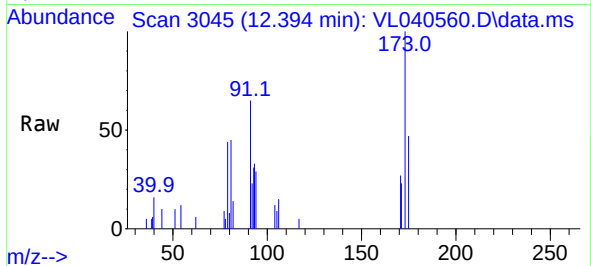
Ion	Ratio	Lower	Upper
129	100		
127	0.0	39.1	117.3#





#49
Bromoform
Concen: 0.073 ppbv m
RT: 12.394 min Scan# 3053
Delta R.T. -0.029 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

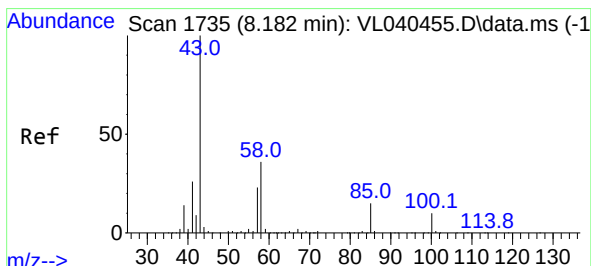
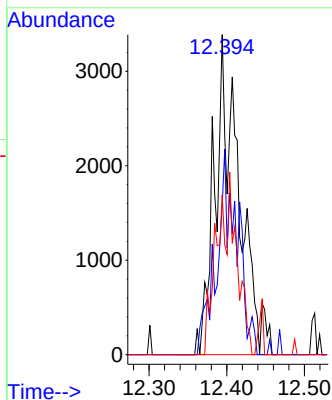
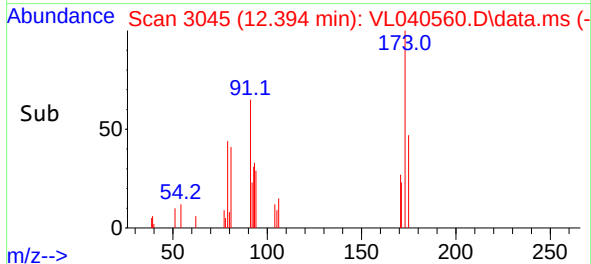
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:173 Resp: 7285
Ion Ratio Lower Upper
173 100
175 0.0 39.5 59.3
171 0.0 42.2 63.4

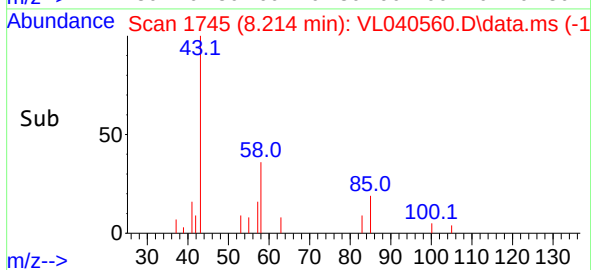
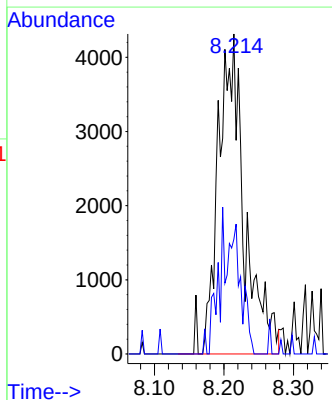
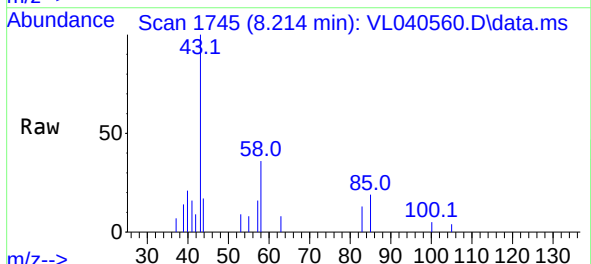
Manual Integrations
APPROVED

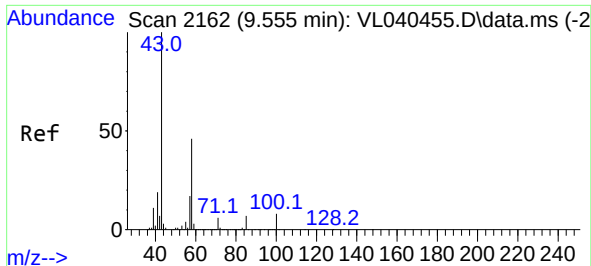
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#50
4-Methyl-2-Pentanone
Concen: 0.066 ppbv m
RT: 8.214 min Scan# 1745
Delta R.T. 0.022 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

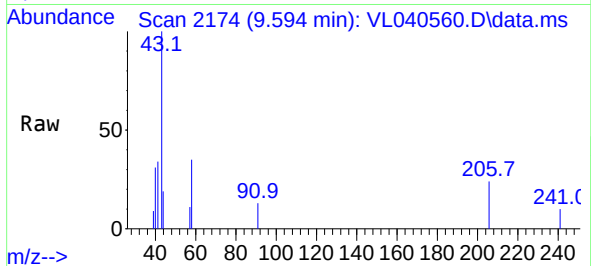
Tgt Ion: 43 Resp: 11198
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2





#51
2-Hexanone
Concen: 0.056 ppbv m
RT: 9.594 min Scan# 2162
Delta R.T. 0.033 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

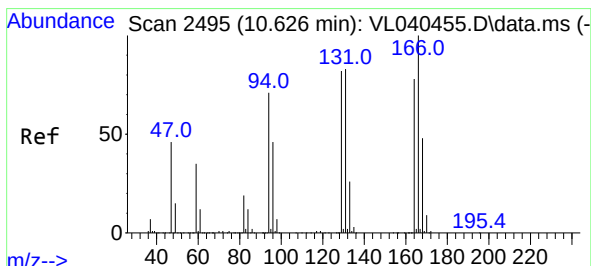
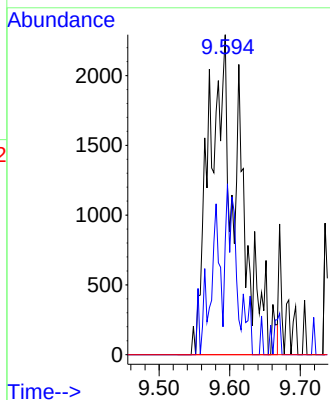
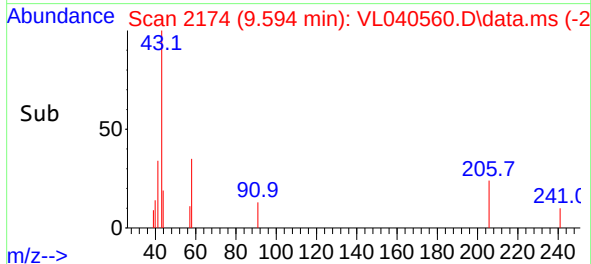
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion: 43 Resp: 6714
Ion Ratio Lower Upper
43 100
58 0.0 39.7 59.5
98 0.0 0.3 0.5

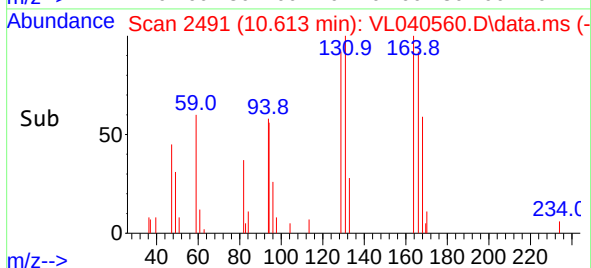
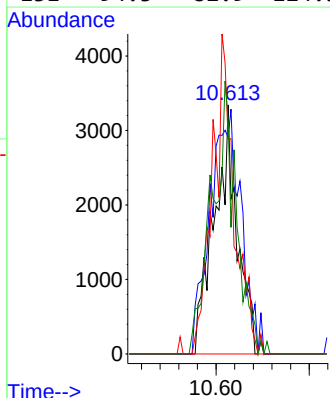
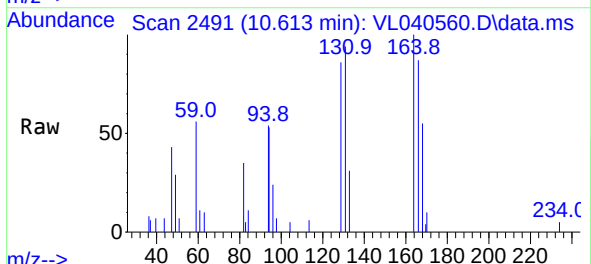
Manual Integrations
APPROVED

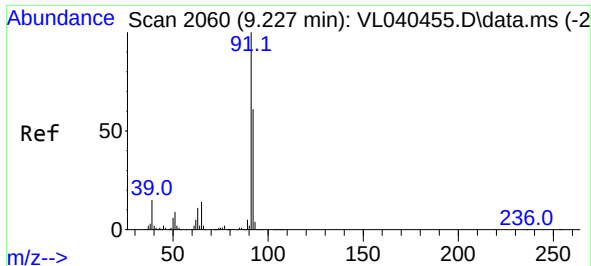
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#52
Tetrachloroethene
Concen: 0.092 ppbv m
RT: 10.613 min Scan# 2491
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

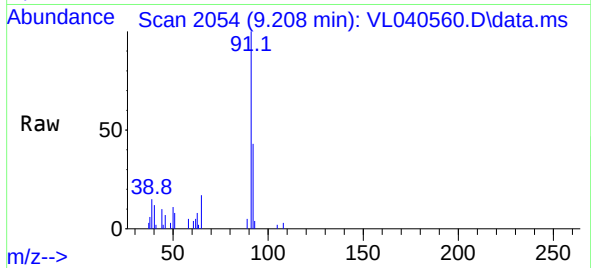
Tgt Ion:164 Resp: 5719
Ion Ratio Lower Upper
164 100
166 87.0 103.9 155.9#
129 86.3 84.6 126.8
131 94.3 82.9 124.3





#53
Toluene
Concen: 0.064 ppbv m
RT: 9.208 min Scan# 2060
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

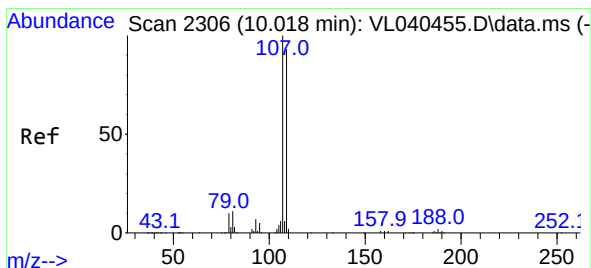
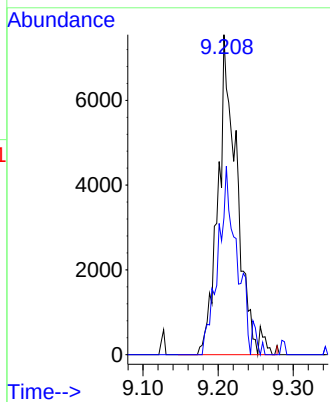
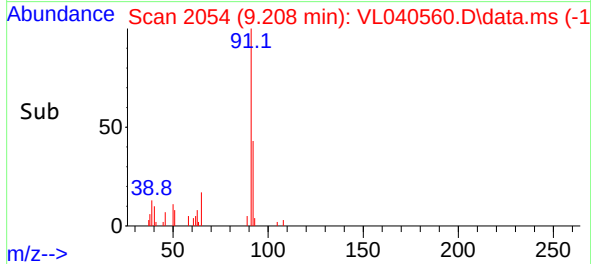
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT3-2023



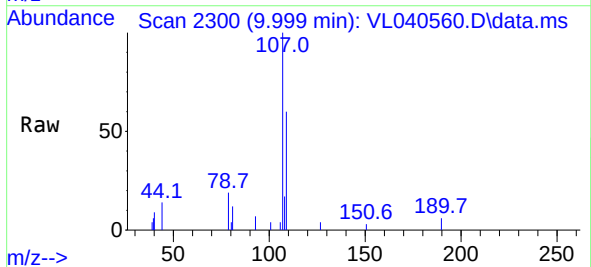
Tgt Ion: 91 Resp: 13210
Ion Ratio Lower Upper
91 100
92 60.4 49.1 73.7

Manual Integrations
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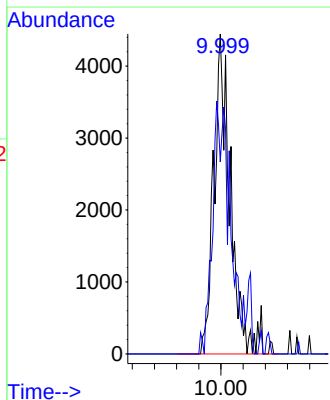
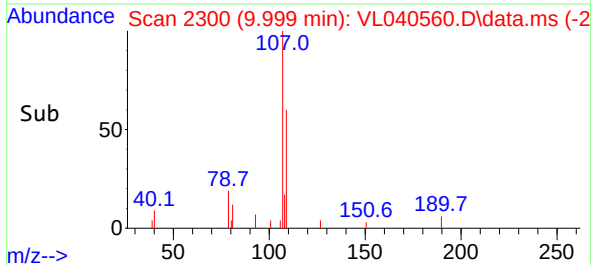
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

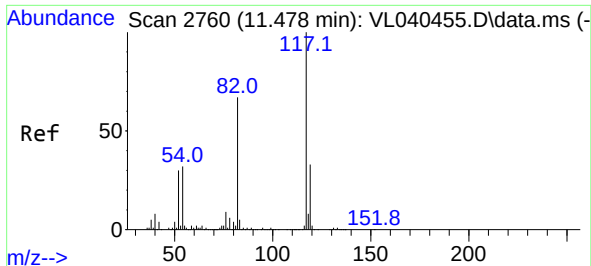


#54
1,2-Dibromoethane
Concen: 0.091 ppbv m
RT: 9.999 min Scan# 2300
Delta R.T. -0.023 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



Tgt Ion:107 Resp: 9183
Ion Ratio Lower Upper
107 100
109 60.0 75.4 113.2#





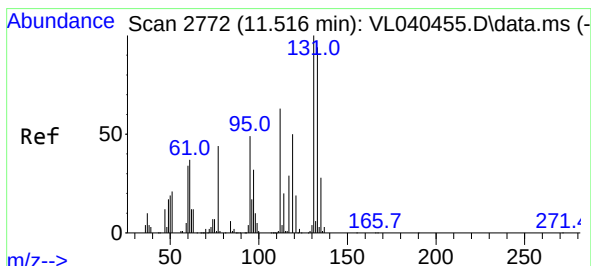
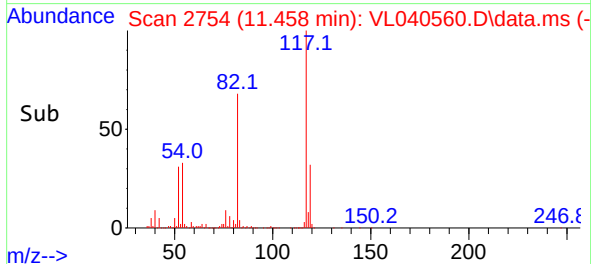
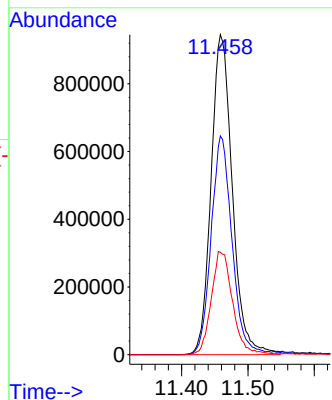
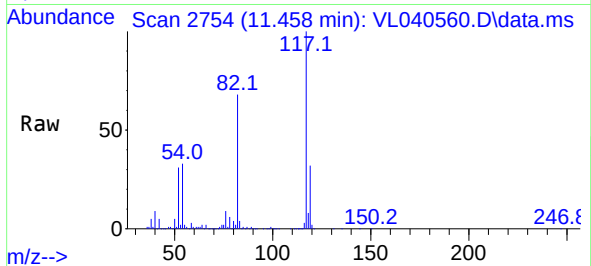
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 210363
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion:117 Resp: 210363
Ion Ratio Lower Upper
117 100
82 68.0 50.2 75.4
119 32.6 26.9 40.3

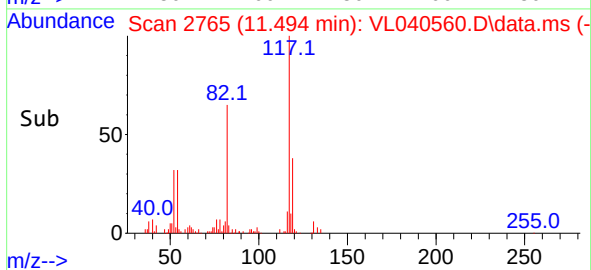
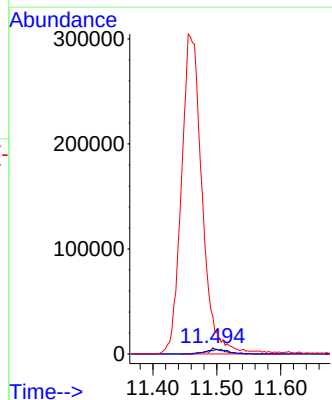
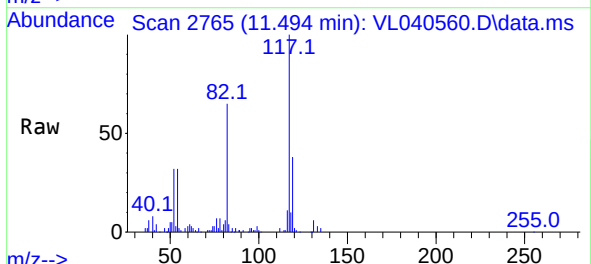
Manual Integrations
APPROVED

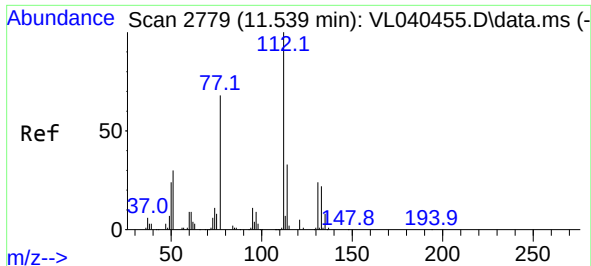
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.113 ppbv m
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion:131 Resp: 10631
Ion Ratio Lower Upper
131 100
133 93.1 76.3 114.5
119 0.0 51.1 76.7#





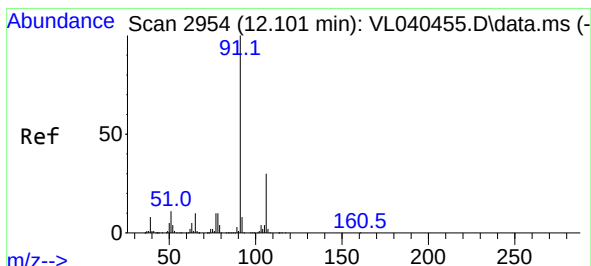
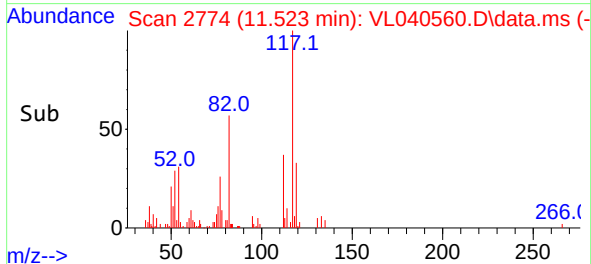
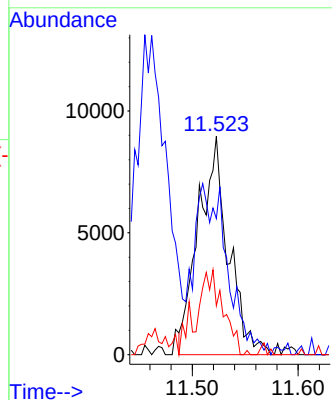
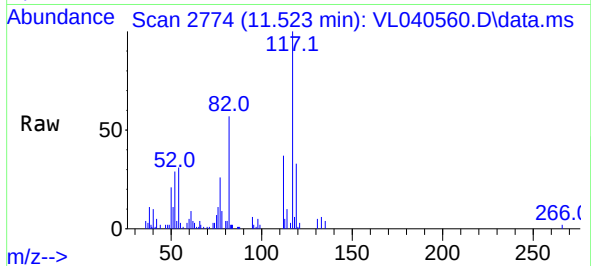
#57
Chlorobenzene
Concen: 0.107 ppbv m
RT: 11.523 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion:112 Resp: 1760
Ion Ratio Lower Upper
112 100
77 71.2 51.0 76.6
114 25.6 28.3 34.5

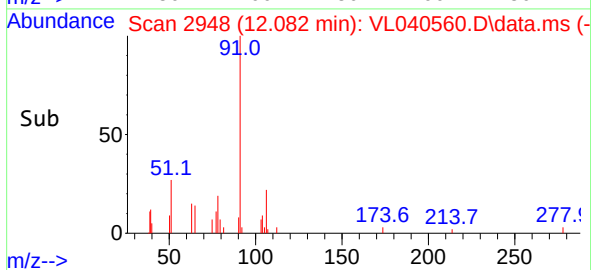
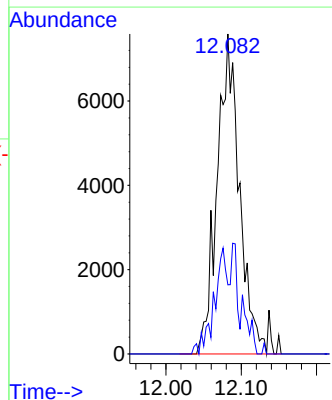
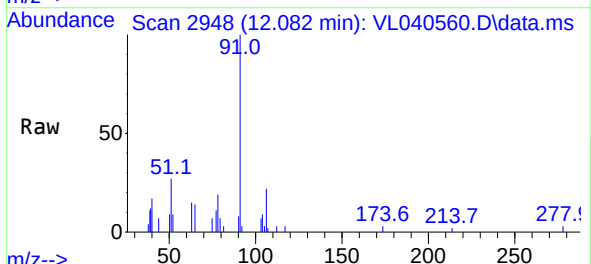
Manual Integrations
APPROVED

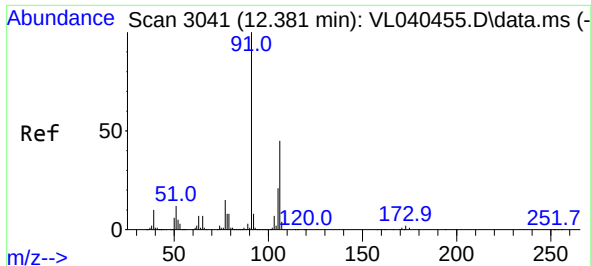
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#58
Ethyl Benzene
Concen: 0.060 ppbv m
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 91 Resp: 15844
Ion Ratio Lower Upper
91 100
106 21.6 25.4 38.0#





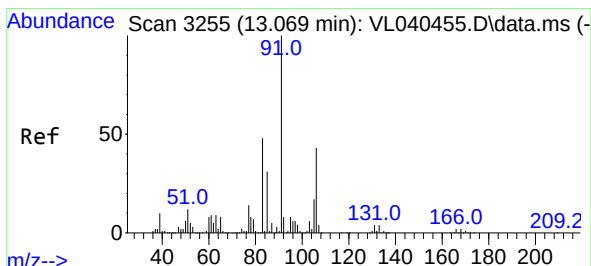
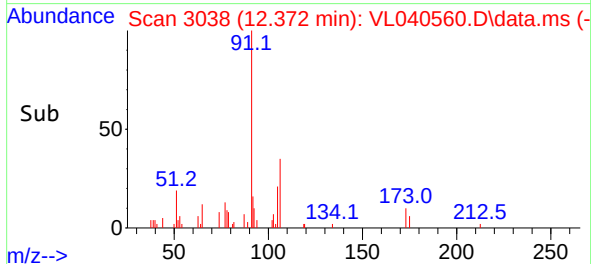
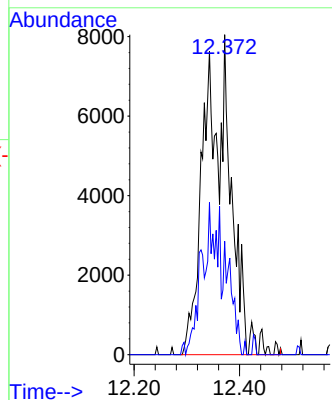
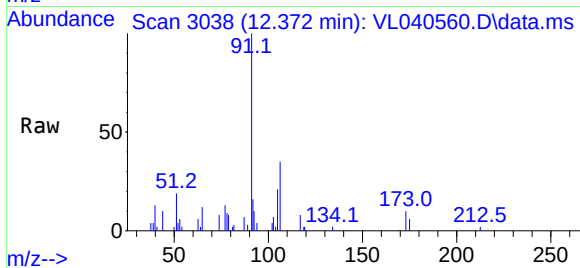
#59
m/p-Xylene
Concen: 0.115 ppbv m
RT: 12.372 min Scan# 3041
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion: 91 Resp: 27144
Ion Ratio Lower Upper
91 100
106 0.0 35.9 53.9

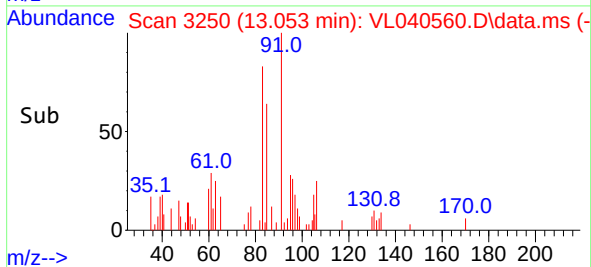
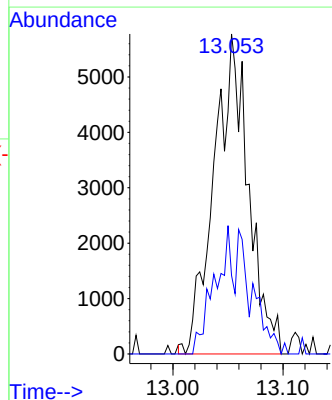
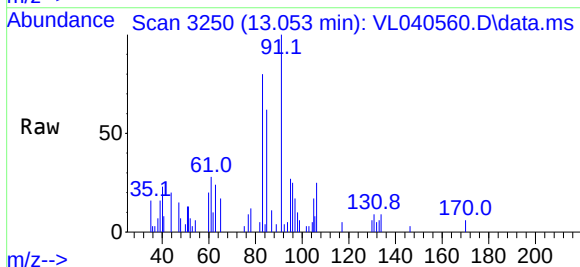
Manual Integrations
APPROVED

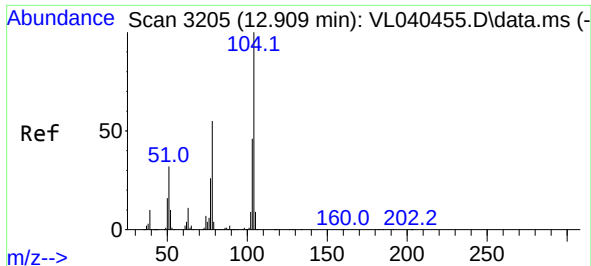
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#60
o-Xylene
Concen: 0.056 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. -0.016 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

Tgt Ion: 91 Resp: 12496
Ion Ratio Lower Upper
91 100
106 0.0 22.7 68.0





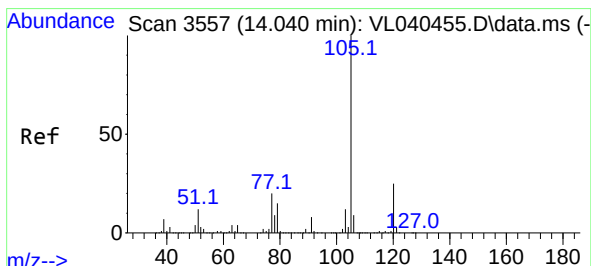
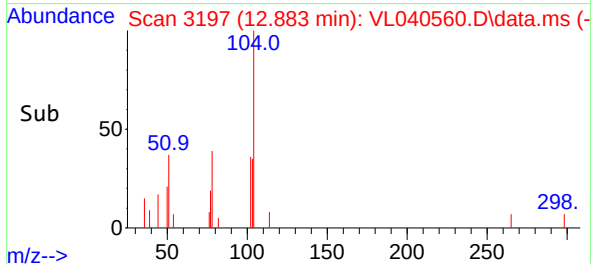
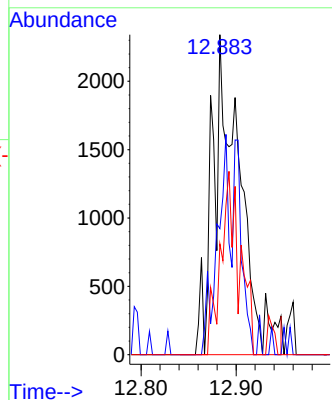
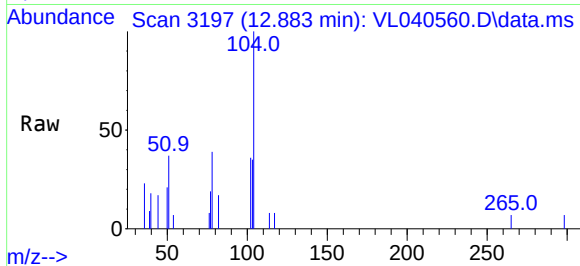
#61
Styrene
Concen: 0.045 ppbv m
RT: 12.883 min Scan# 3197
Delta R.T. -0.029 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion:104 Resp: 4652
Ion Ratio Lower Upper
104 100
78 52.8 40.1 60.1
103 40.4 37.0 55.4

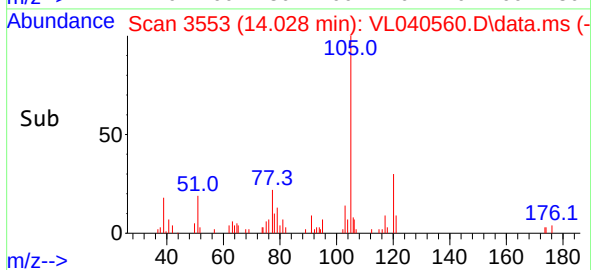
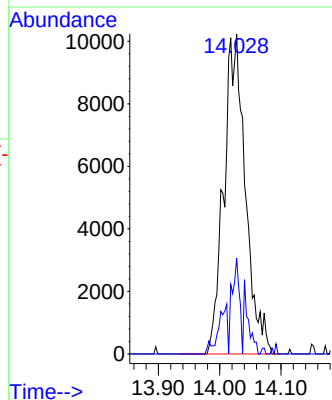
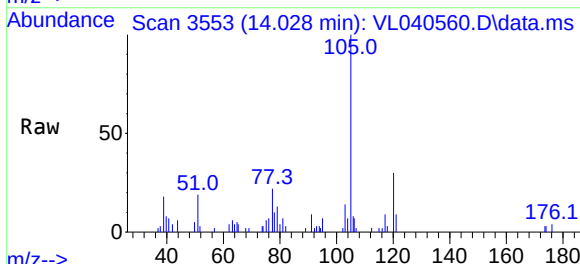
Manual Integrations
APPROVED

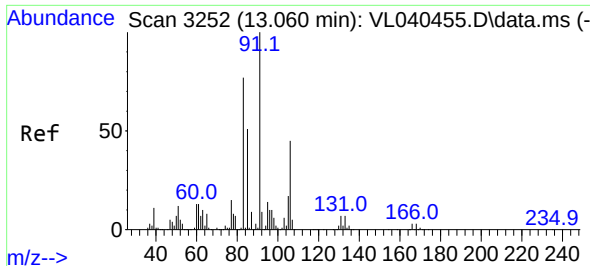
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#62
Isopropylbenzene
Concen: 0.074 ppbv m
RT: 14.028 min Scan# 3553
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

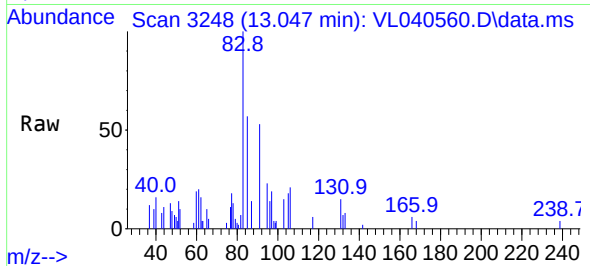
Tgt Ion:105 Resp: 25002
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.116 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

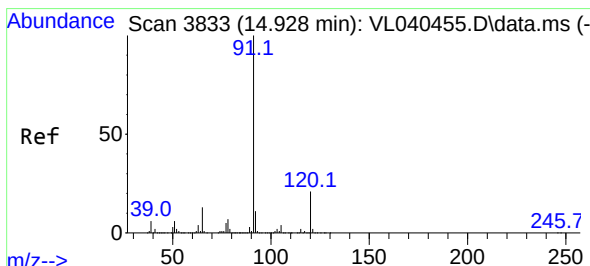
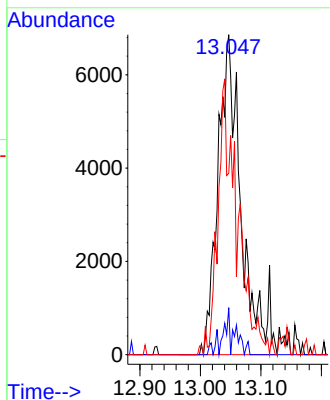
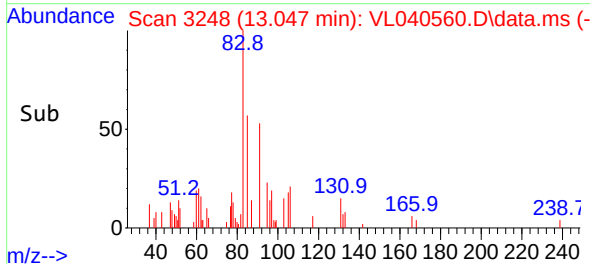
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



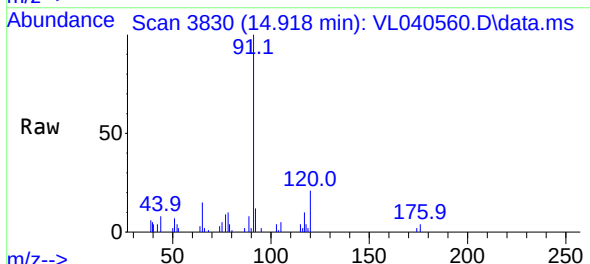
Tgt Ion: 83 Resp: 1824
Ion Ratio Lower Upper
83 100
131 0.0 4.6 13.8
85 72.4 32.8 98.3

Manual Integrations
APPROVED

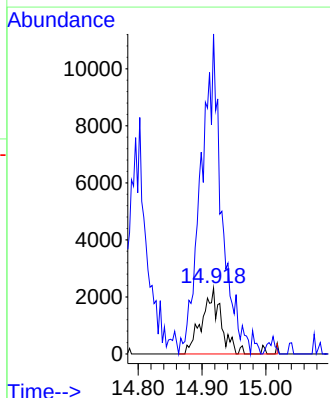
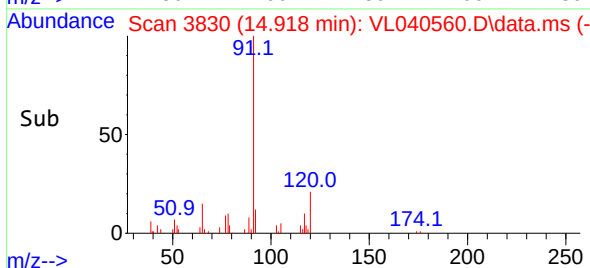
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

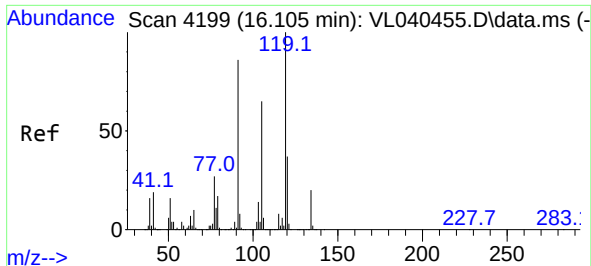


#64
n-propylbenzene
Concen: 0.057 ppbv m
RT: 14.918 min Scan# 3830
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



Tgt Ion:120 Resp: 4975
Ion Ratio Lower Upper
120 100
91 0.0 374.3 561.5#





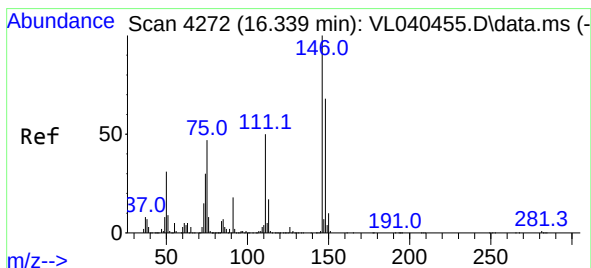
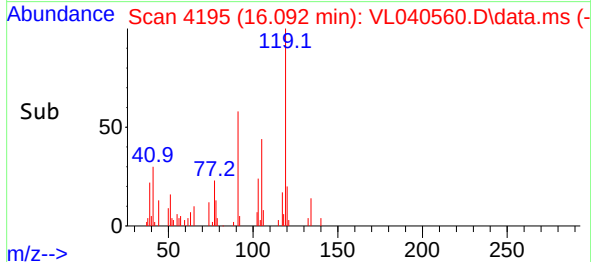
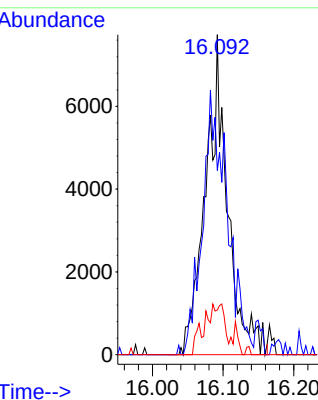
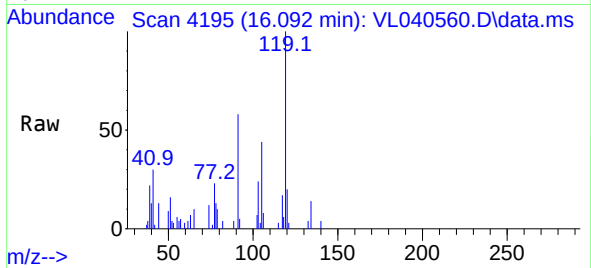
#65
tert-Butylbenzene
Concen: 0.056 ppbv m
RT: 16.092 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

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

Tgt Ion: 119 Resp: 1664
Ion Ratio Lower Upper
119 100
91 98.5 66.1 99.1
134 0.0 15.7 23.5

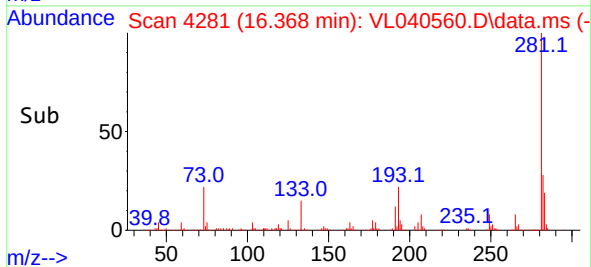
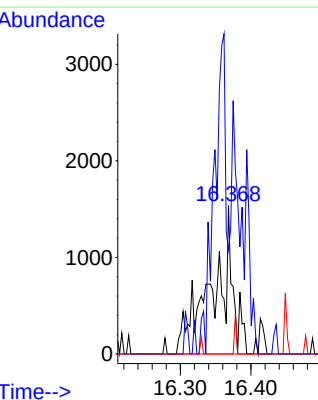
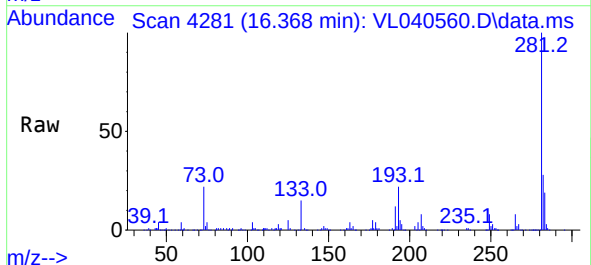
Manual Integrations
APPROVED

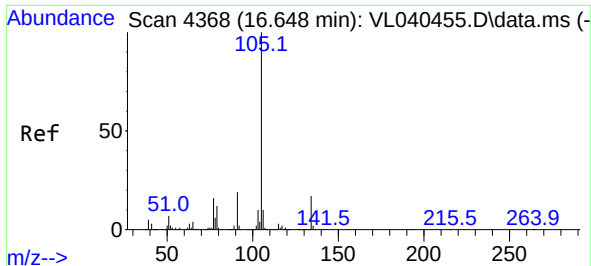
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#66
Benzyl Chloride
Concen: 0.154 ppbv m
RT: 16.368 min Scan# 4281
Delta R.T. 0.032 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

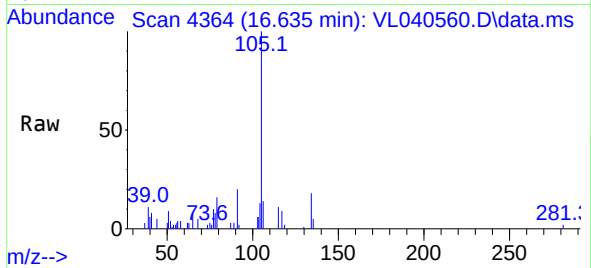
Tgt Ion: 91 Resp: 3252
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.5 6.7#





#67
 sec-Butylbenzene
 Concen: 0.061 ppbv m
 RT: 16.635 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08

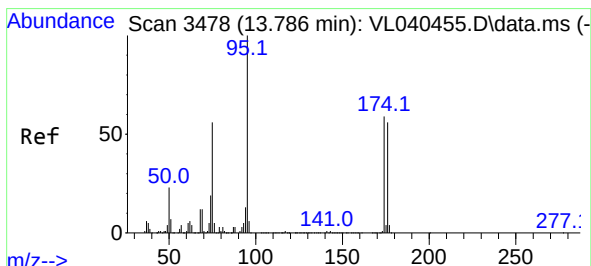
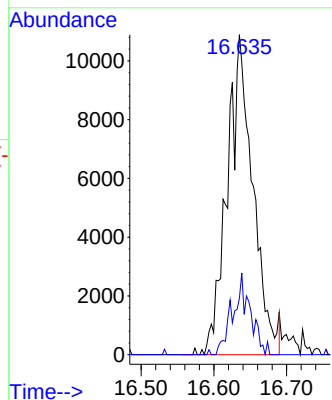
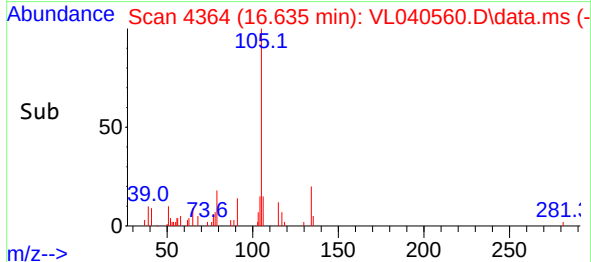
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT3-2023



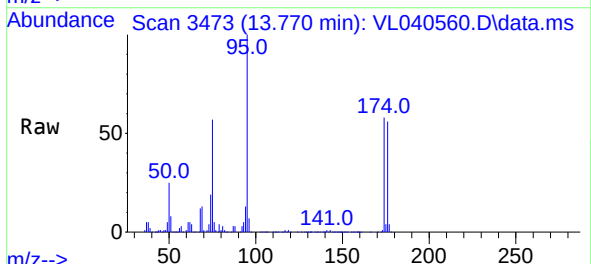
Tgt Ion:105 Resp: 2675
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6

Manual Integrations
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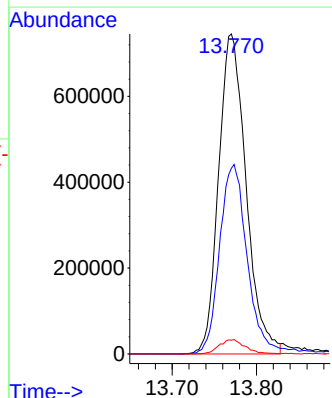
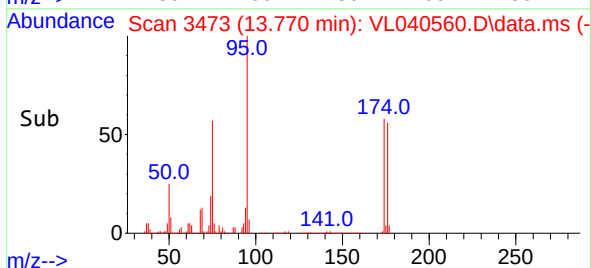
Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023

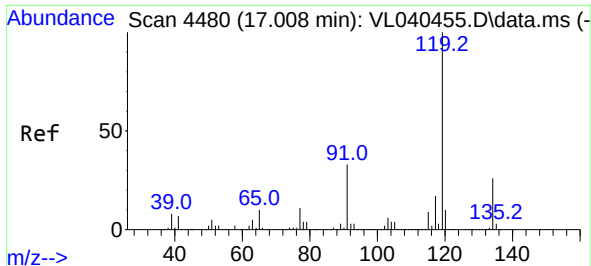


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.121 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040560.D
 Acq: 27 Jul 2023 4:08



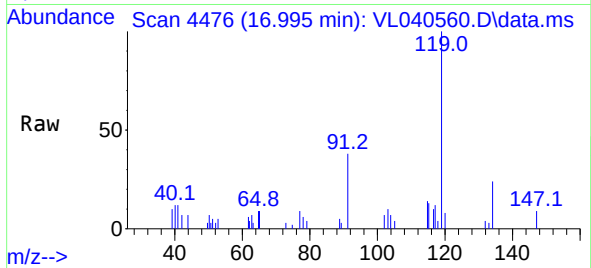
Tgt Ion: 95 Resp: 1684993
 Ion Ratio Lower Upper
 95 100
 174 61.6 50.6 75.8
 175 4.5 3.7 5.5





#69
p-Isopropyltoluene
Concen: 0.051 ppbv m
RT: 16.995 min Scan# 4480
Delta R.T. -0.010 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

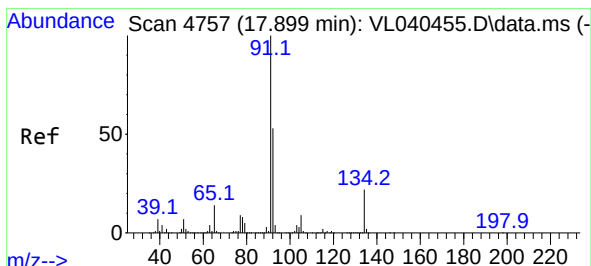
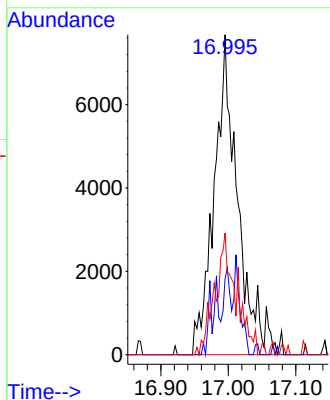
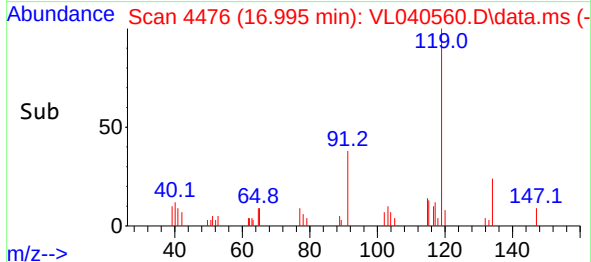
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



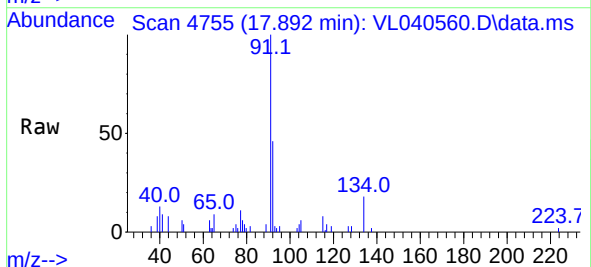
Tgt Ion:119 Resp: 1856
Ion Ratio Lower Upper
119 100
134 0.0 20.5 30.7
91 0.0 23.8 35.8

Manual Integrations
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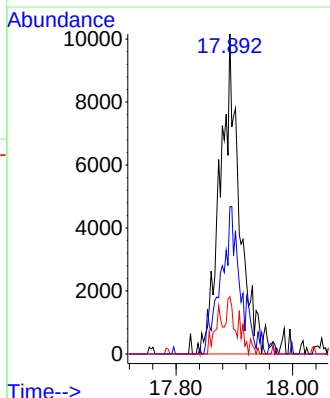
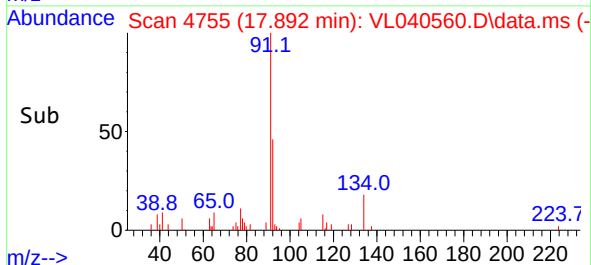
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

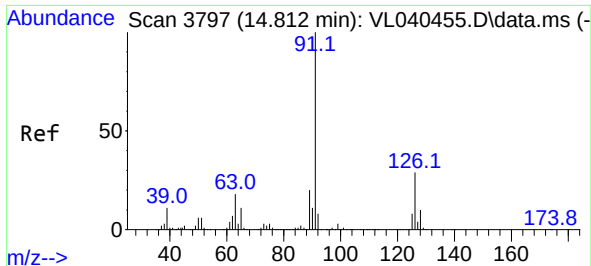


#70
n-Butylbenzene
Concen: 0.059 ppbv m
RT: 17.892 min Scan# 4755
Delta R.T. -0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



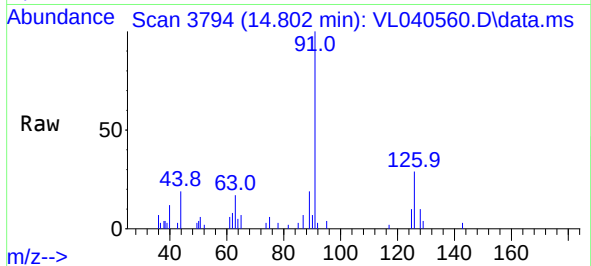
Tgt Ion: 91 Resp: 23661
Ion Ratio Lower Upper
91 100
92 0.0 43.4 65.0#
134 0.0 18.1 27.1#





#71
2-Chlorotoluene
Concen: 0.065 ppbv m
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

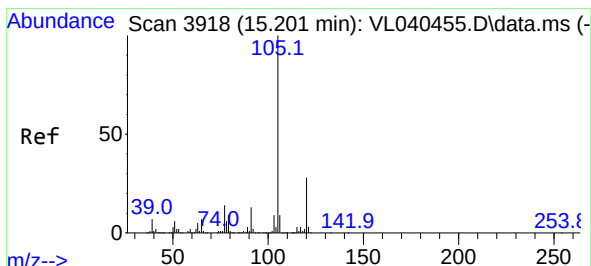
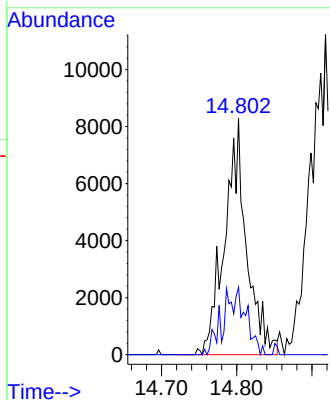
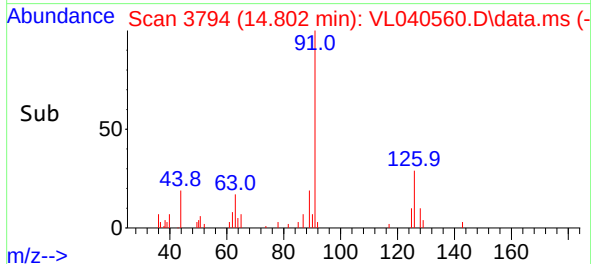
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



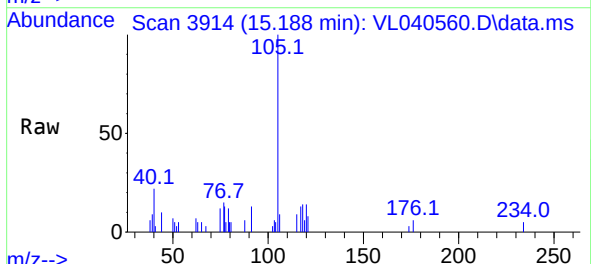
Tgt Ion: 91 Resp: 1678
Ion Ratio Lower Upper
91 100
126 0.0 12.4 49.8

Manual Integrations
APPROVED

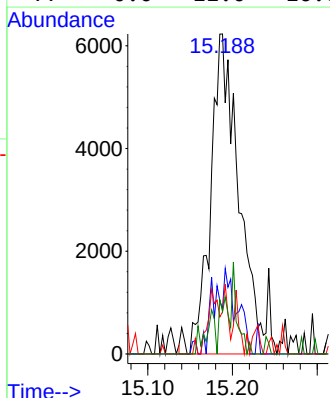
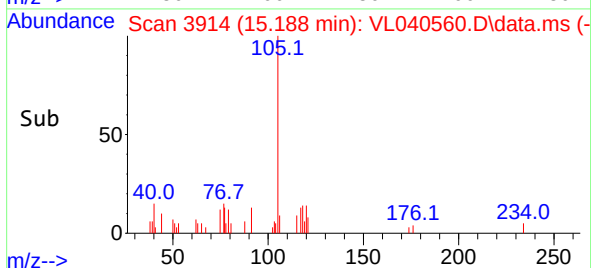
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

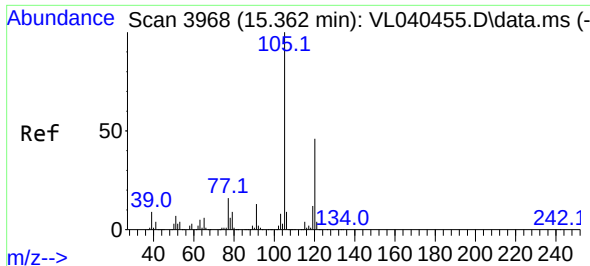


#72
4-Ethyltoluene
Concen: 0.057 ppbv m
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



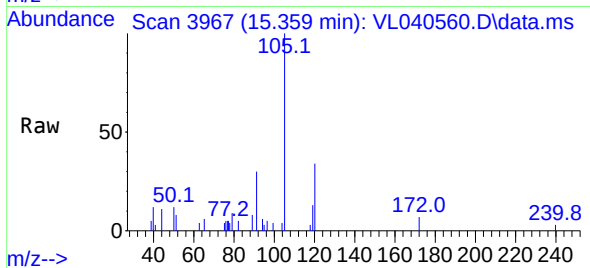
Tgt Ion:105 Resp: 14874
Ion Ratio Lower Upper
105 100
120 0.0 24.6 37.0#
91 0.0 10.7 16.1#
77 0.0 11.0 16.6#





#73
1,3,5-Trimethylbenzene
Concen: 0.054 ppbv m
RT: 15.359 min Scan# 3967
Delta R.T. -0.003 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

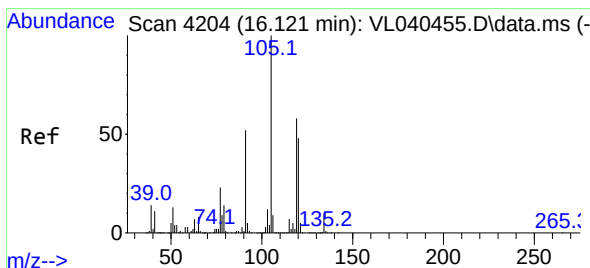
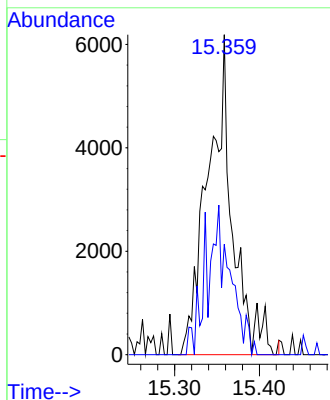
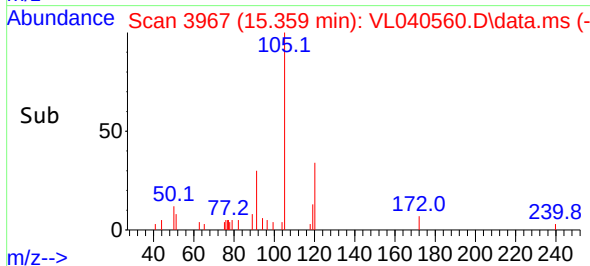
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



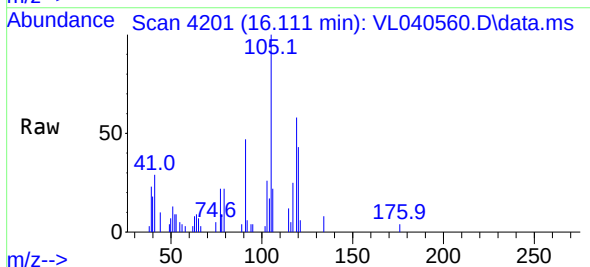
Tgt Ion:105 Resp: 12470
Ion Ratio Lower Upper
105 100
120 34.5 38.2 57.2

Manual Integrations
APPROVED

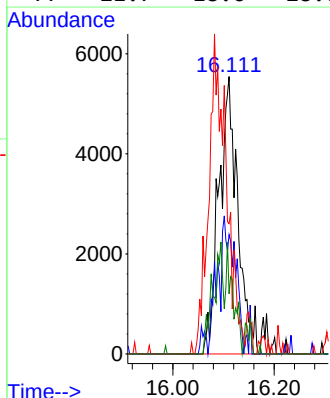
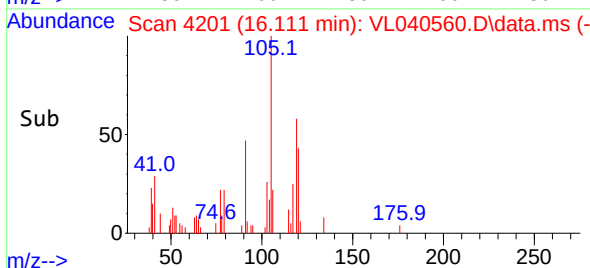
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

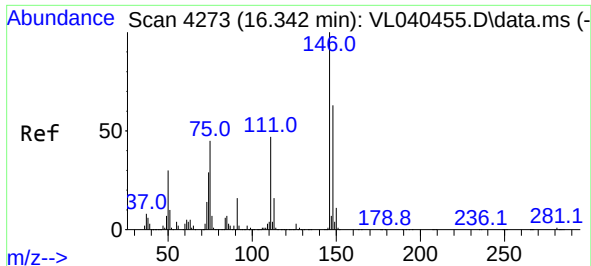


#74
1,2,4-Trimethylbenzene
Concen: 0.055 ppbv m
RT: 16.111 min Scan# 4201
Delta R.T. -0.006 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



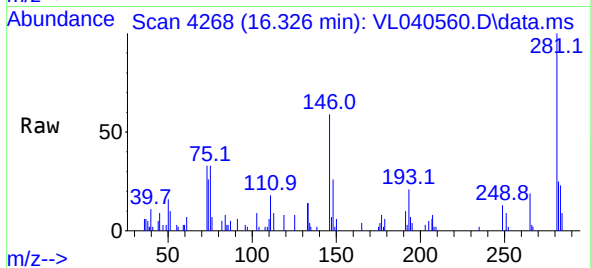
Tgt Ion:105 Resp: 14974
Ion Ratio Lower Upper
105 100
120 43.0 40.3 60.5
91 46.9 46.8 70.2
77 21.7 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 0.104 ppbv m
RT: 16.326 min Scan# 4314
Delta R.T. -0.016 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

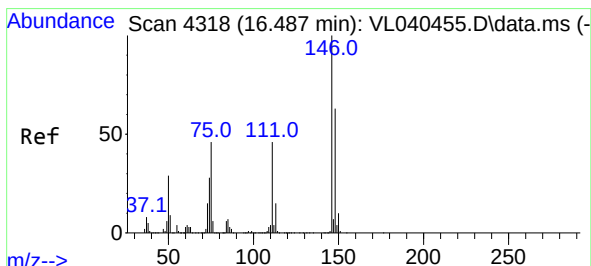
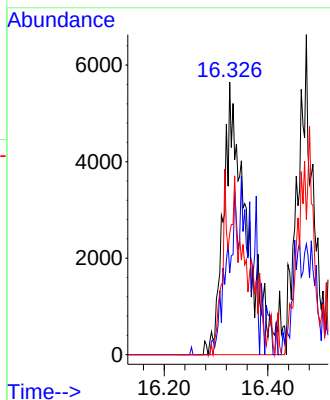
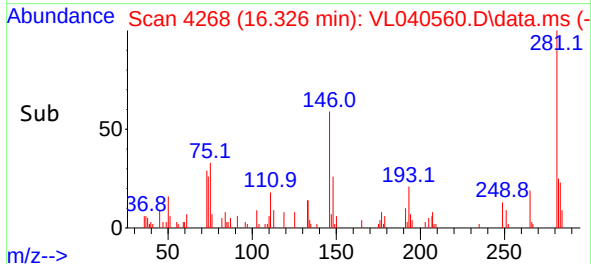
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



Tgt Ion:146 Resp: 16994
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 65.8 32.2 96.6

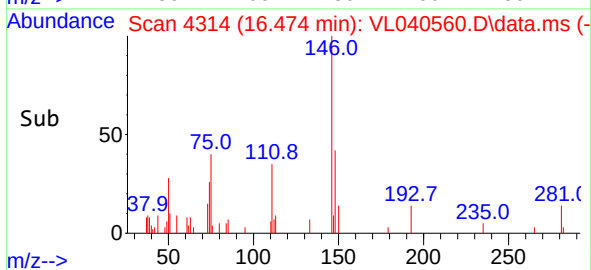
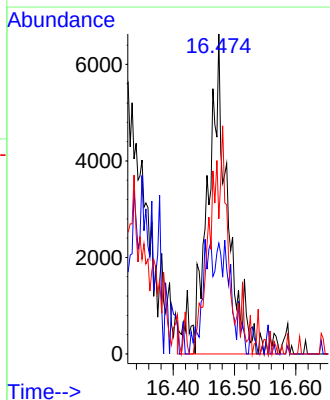
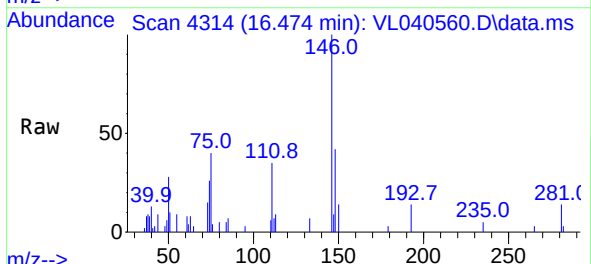
Manual Integrations
APPROVED

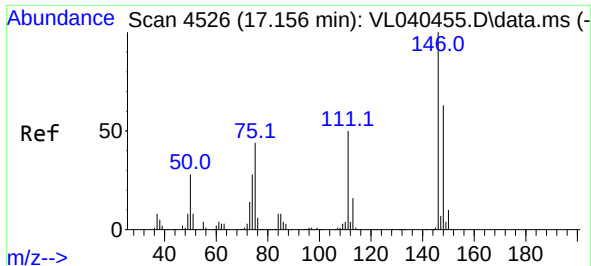
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#76
1,4-Dichlorobenzene
Concen: 0.096 ppbv m
RT: 16.474 min Scan# 4314
Delta R.T. -0.013 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

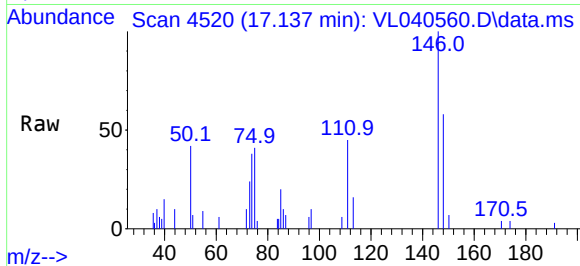
Tgt Ion:146 Resp: 15415
Ion Ratio Lower Upper
146 100
111 0.0 22.8 68.3#
148 0.0 32.6 97.8#





#77
1,2-Dichlorobenzene
Concen: 0.079 ppbv m
RT: 17.137 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

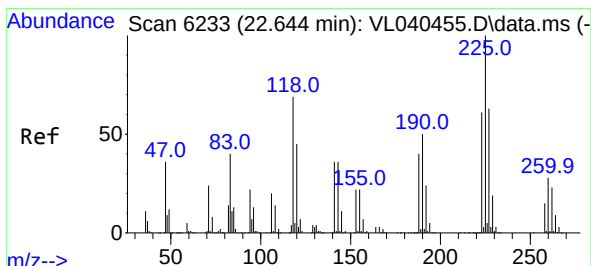
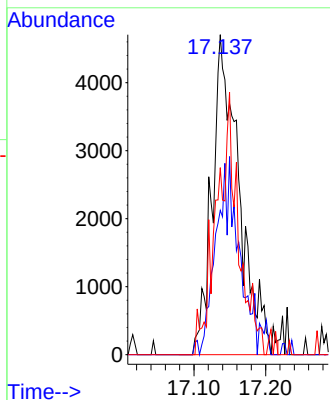
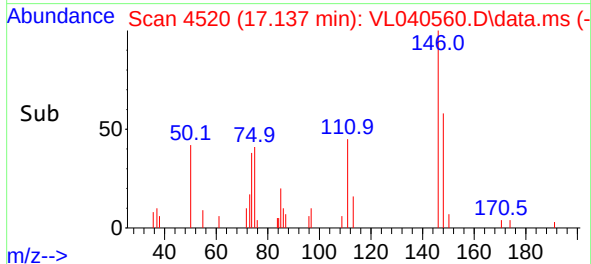
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



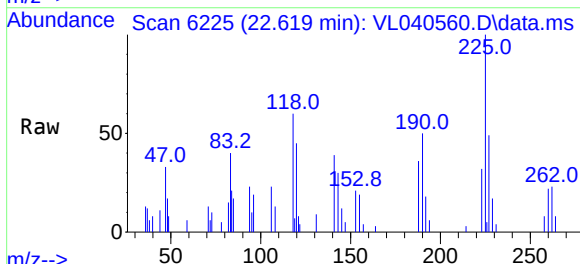
Tgt Ion:146 Resp: 1236
Ion Ratio Lower Upper
146 100
111 0.0 24.3 72.8#
148 0.0 32.1 96.3#

Manual Integrations
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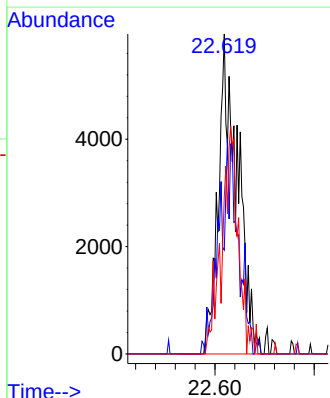
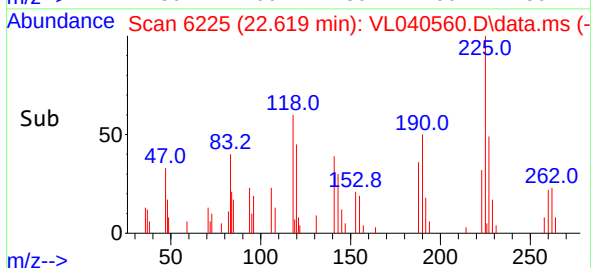
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

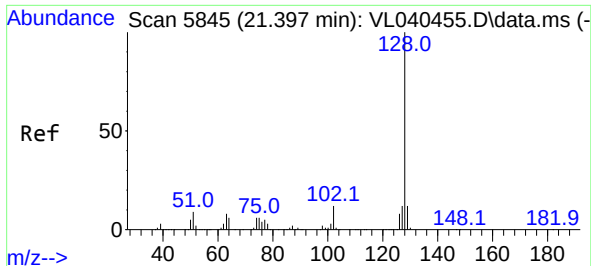


#78
Hexachloro-1,3-Butadiene
Concen: 0.110 ppbv m
RT: 22.619 min Scan# 6225
Delta R.T. -0.029 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



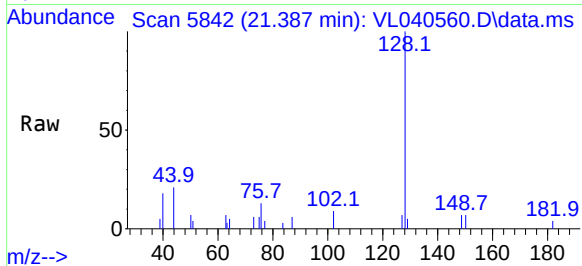
Tgt Ion:225 Resp: 16223
Ion Ratio Lower Upper
225 100
223 0.0 50.3 75.5#
227 0.0 51.0 76.6#





#79
Naphthalene
Concen: 0.038 ppbv m
RT: 21.387 min Scan# 5845
Delta R.T. -0.006 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08

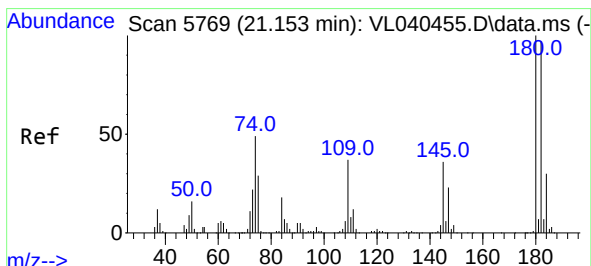
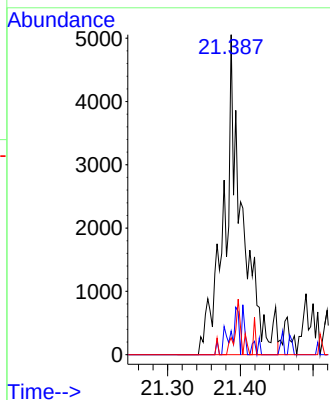
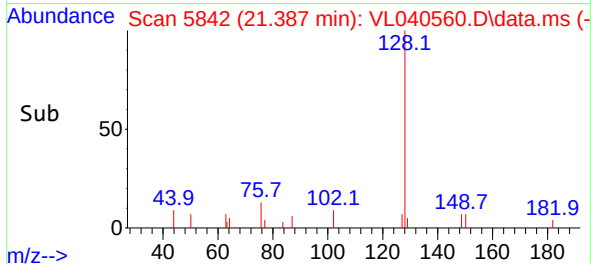
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT3-2023



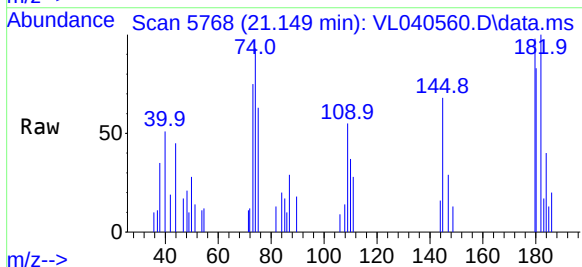
Tgt Ion:128 Resp: 8773
Ion Ratio Lower Upper
128 100
127 7.4 10.7 16.1#
129 5.3 9.2 13.8#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#81
1,2,4-Trichlorobenzene
Concen: 0.052 ppbv m
RT: 21.149 min Scan# 5768
Delta R.T. -0.000 min
Lab File: VL040560.D
Acq: 27 Jul 2023 4:08



Tgt Ion:180 Resp: 8246
Ion Ratio Lower Upper
180 100
182 0.0 77.5 116.3#
184 0.0 24.5 36.7#

