

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038602.D
 Acq On : 14 Mar 2022 18:52
 Operator : SY/AP
 Sample : N1645-13 0.4 LOD
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022

Quant Time: Mar 15 01:41:59 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 15 01:41:59 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/15/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Bromochloromethane	5.645	49	797349	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.150	114	2000599	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.053	117	1779622	10.000	ppbv	#-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	1349393	9.973	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.038	85	58939	0.489	ppbv	97
3) Chlorodifluoromethane	2.980	51	62891	0.447	ppbv	97
4) Chloromethane	3.128	50	24628	0.473	ppbv	99
5) Vinyl Chloride	3.247	62	21556	0.412	ppbv	99
6) Bromomethane	3.462	94	11955	0.426	ppbv	93
7) Chloroethane	3.546	64	7504	0.443	ppbv #	87
8) Dichlorotetrafluoroethane	3.176	85	58104	0.498	ppbv	99
9) Propene	3.002	41	21916	0.442	ppbv	97
10) Heptane	8.099	43	41490m	0.350	ppbv	
11) Trichlorofluoromethane	3.935	101	48803	0.462	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.465	101	38788	0.472	ppbv	99
13) Ethanol	3.597	45	3355m	0.589	ppbv	
14) Bromoethene	3.726	108	14563	0.416	ppbv #	89
15) Acetone	3.854	43	24293	0.432	ppbv #	86
16) 1,3-Butadiene	3.314	39	18786	0.416	ppbv	96
17) tert-Butyl alcohol	4.295	59	26695m	0.437	ppbv	
18) 1,1-Dichloroethene	4.276	96	15679	0.427	ppbv #	89
19) Isopropyl Alcohol	3.970	45	17524m	0.467	ppbv	
20) Methylene Chloride	4.327	84	16468	0.487	ppbv #	84
21) Allyl Chloride	4.395	41	21467	0.396	ppbv #	86
22) trans-1,2-Dichloroethene	4.864	96	15512	0.403	ppbv #	81
23) Vinyl Acetate	5.063	43	32122m	0.398	ppbv	
24) 1,1-Dichloroethane	4.986	63	33304	0.454	ppbv	96
25) Ethyl Acetate	5.668	43	73543	0.388	ppbv	98
26) Hexane	5.665	57	32640	0.367	ppbv #	77
27) Carbon Disulfide	4.533	76	32814	0.370	ppbv #	87
28) Methyl tert-Butyl Ether	5.025	73	29731m	0.411	ppbv	
29) Chloroform	5.726	83	61989	0.448	ppbv	96
30) Cyclohexane	7.108	84	32591m	0.424	ppbv	
31) cis-1,2-Dichloroethene	5.523	61	30968	0.364	ppbv	95
32) 1,1,1-Trichloroethane	6.484	97	56243	0.419	ppbv	96
34) 2-Butanone	5.243	43	20910	0.403	ppbv	96
35) Carbon Tetrachloride	6.989	117	59304	0.435	ppbv	97
36) Benzene	6.864	78	67886	0.376	ppbv	99
37) 1,2-Dichloroethane	6.285	62	35371	0.410	ppbv	99
38) Trichloroethene	7.809	130	28047	0.389	ppbv	88
39) 1,2-Dichloropropane	7.587	63	29788	0.429	ppbv #	88
40) 1,4-Dioxane	7.845	88	8066m	0.464	ppbv	
41) Tetrahydrofuran	6.060	42	12861m	0.303	ppbv	
42) Bromodichloromethane	7.764	83	58526	0.428	ppbv #	92
43) Methyl Methacrylate	8.002	69	19370m	0.313	ppbv	
44) 2,2,4-Trimethylpentane	7.841	57	119138	0.390	ppbv #	93
45) t-1,3-Dichloropropene	9.246	75	12192m	0.273	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
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Quant Time: Mar 15 01:41:59 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

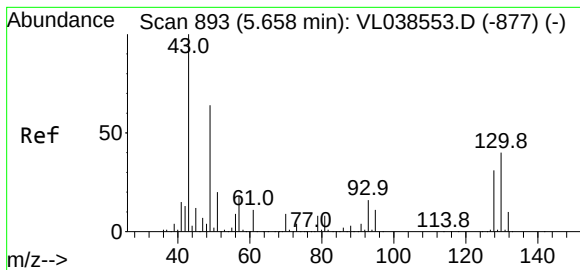
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

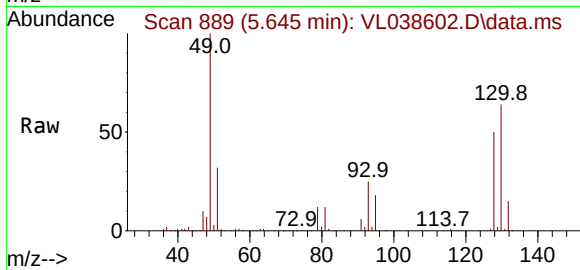
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.674	75	18308	0.300	ppbv	94
47) 1,1,2-Trichloroethane	9.446	97	30983	0.438	ppbv	92
48) Dibromochloromethane	10.269	129	44203m	0.393	ppbv	
49) Bromoform	13.005	173	32635	0.379	ppbv	97
50) 4-Methyl-2-Pentanone	8.738	43	31441	0.296	ppbv	94
51) 2-Hexanone	10.134	43	13626m	0.303	ppbv	
52) Tetrachloroethene	11.195	164	24718	0.374	ppbv	90
53) Toluene	9.774	91	58878	0.306	ppbv	97
54) 1,2-Dibromoethane	10.578	107	38818m	0.384	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.089	131	36980	0.510	ppbv #	1
57) Chlorobenzene	12.115	112	65027	0.479	ppbv #	84
58) Ethyl Benzene	12.680	91	76690	0.333	ppbv	97
59) m/p-Xylene	12.963	91	150122m	0.761	ppbv	
60) o-Xylene	13.658	91	66913	0.359	ppbv	98
61) Styrene	13.494	104	23683	0.258	ppbv	95
62) Isopropylbenzene	14.635	105	103101	0.401	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.645	83	67611	0.430	ppbv	96
64) n-propylbenzene	15.532	120	24085m	0.368	ppbv	
65) tert-Butylbenzene	16.716	119	85619	0.373	ppbv	90
66) Benzyl Chloride	16.960	91	6035m	0.443	ppbv	
67) sec-Butylbenzene	17.262	105	123754	0.379	ppbv	99
69) p-Isopropyltoluene	17.619	119	95080m	0.351	ppbv	
70) n-Butylbenzene	18.526	91	100221m	0.348	ppbv	
71) 2-Chlorotoluene	15.423	91	70129	0.367	ppbv	100
72) 4-Ethyltoluene	15.809	105	73029	0.341	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.963	105	65648	0.331	ppbv	96
74) 1,2,4-Trimethylbenzene	16.728	105	79767	0.376	ppbv #	85
75) 1,3-Dichlorobenzene	16.966	146	56453m	0.422	ppbv	
76) 1,4-Dichlorobenzene	17.108	146	55580m	0.419	ppbv	
77) 1,2-Dichlorobenzene	17.786	146	60783m	0.449	ppbv	
78) Hexachloro-1,3-Butadiene	23.339	225	63786	0.483	ppbv	99
79) Naphthalene	22.159	128	46860m	0.245	ppbv	
80) Naphthalene,2-methyl-	24.966	142	4707m	0.140	ppbv	
81) 1,2,4-Trichlorobenzene	21.902	180	37058m	0.304	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.645 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL038602.D
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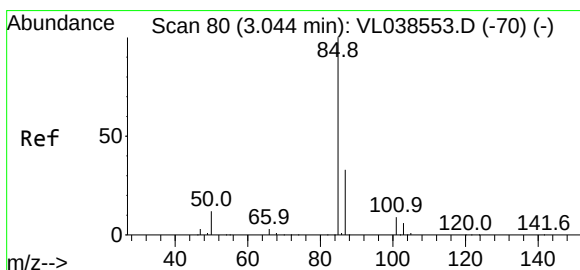
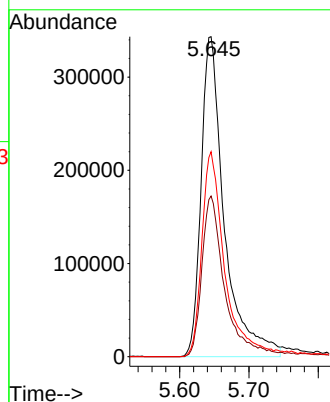
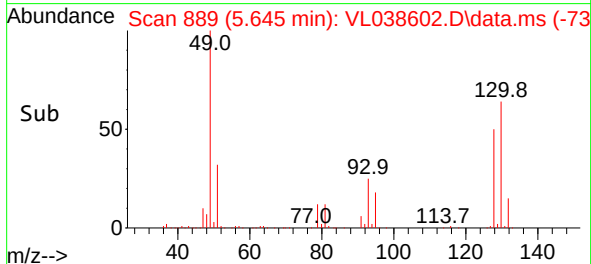
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 49 Resp: 797349
Ion Ratio Lower Upper
49 100
128 51.3 26.4 79.2
130 66.0 33.0 98.9

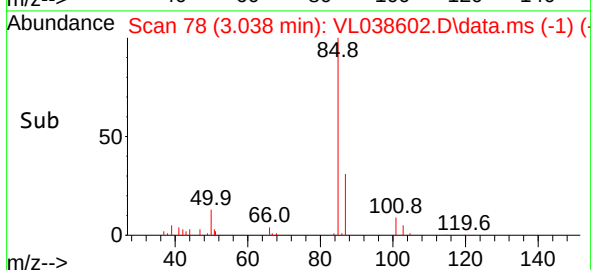
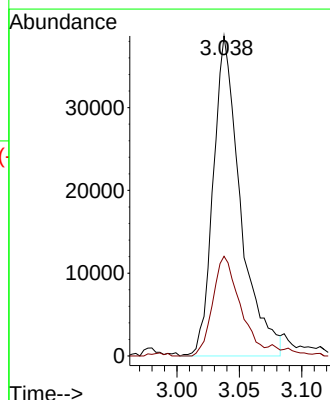
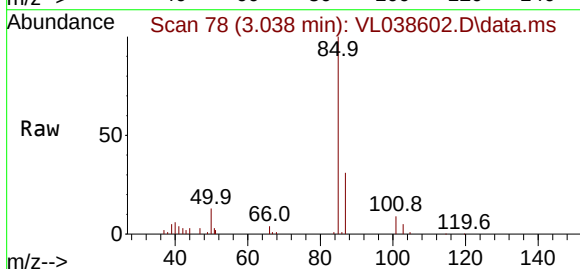
Manual Integrations
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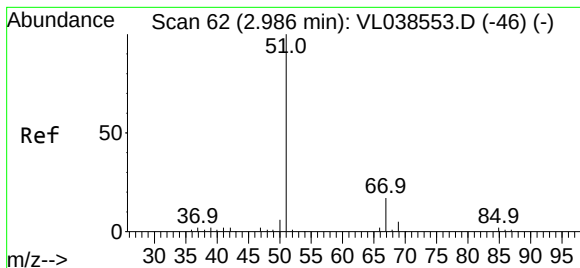
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 0.489 ppbv
RT: 3.038 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion: 85 Resp: 58939
Ion Ratio Lower Upper
85 100
87 31.2 26.2 39.2





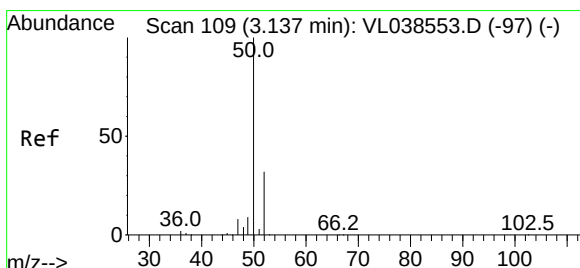
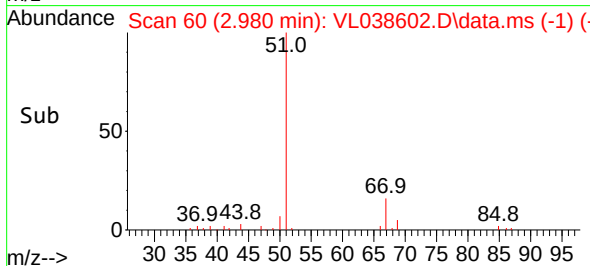
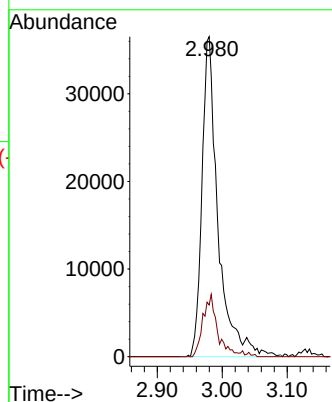
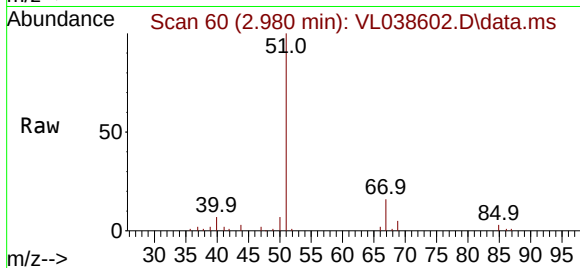
#3
Chlorodifluoromethane
Concen: 0.447 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.006 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 51 Resp: 6289
Ion Ratio Lower Upper
51 100
67 18.3 13.6 20.4

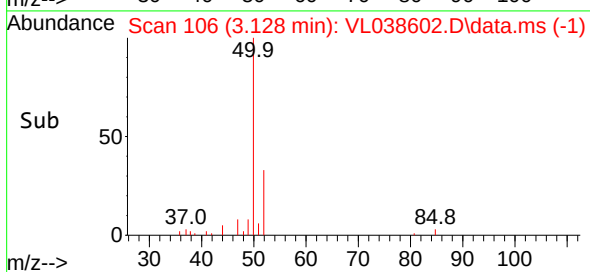
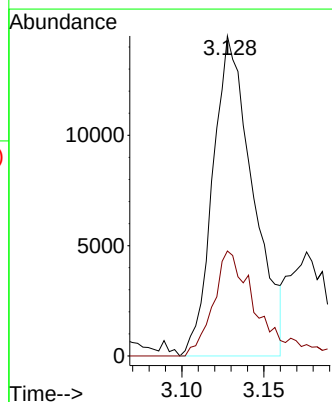
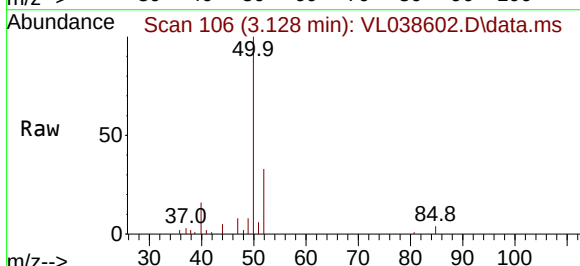
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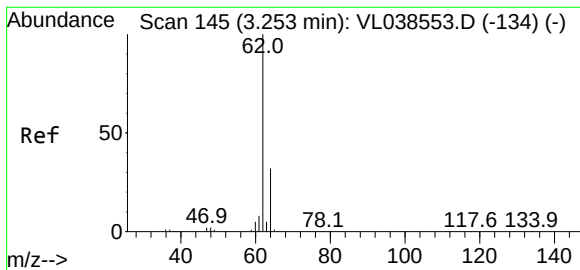
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Chloromethane
Concen: 0.473 ppbv
RT: 3.128 min Scan# 106
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

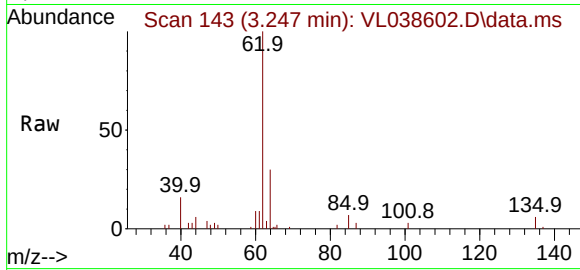
Tgt Ion: 50 Resp: 24628
Ion Ratio Lower Upper
50 100
52 32.8 25.6 38.4





#5
 Vinyl Chloride
 Concen: 0.412 ppbv
 RT: 3.247 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

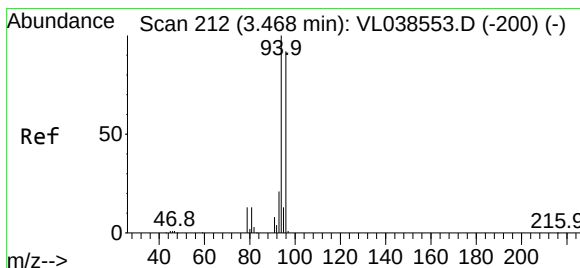
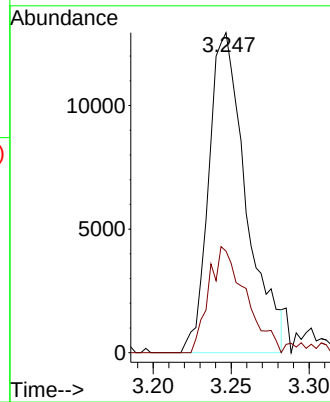
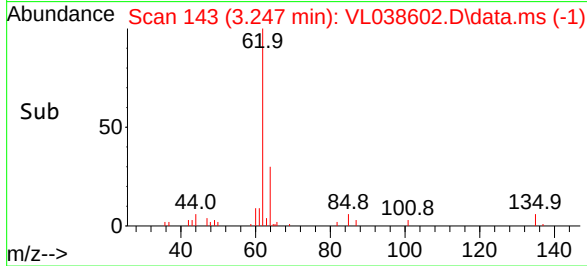
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 62 Resp: 2155
 Ion Ratio Lower Upper
 62 100
 64 31.7 25.8 38.6

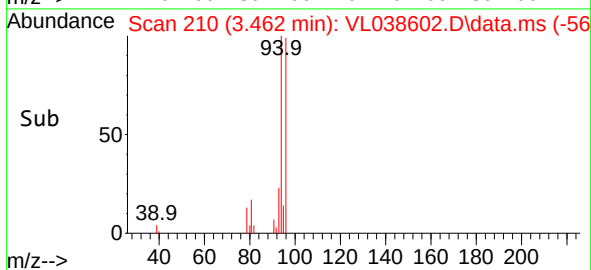
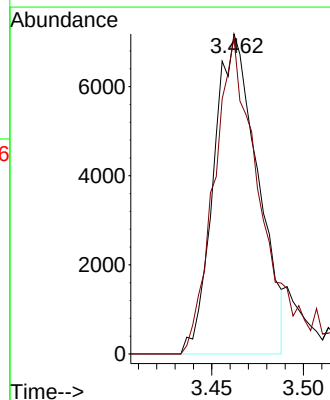
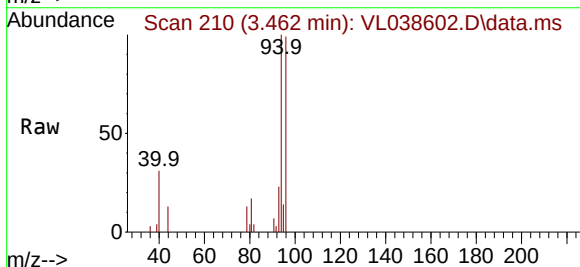
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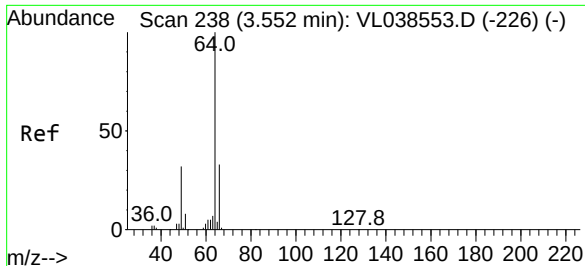
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#6
 Bromomethane
 Concen: 0.426 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

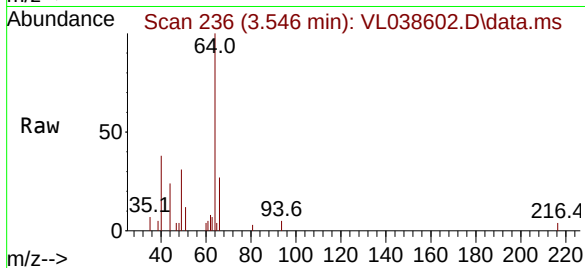
Tgt Ion: 94 Resp: 11955
 Ion Ratio Lower Upper
 94 100
 96 98.9 73.7 110.5





#7
Chloroethane
Concen: 0.443 ppbv
RT: 3.546 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

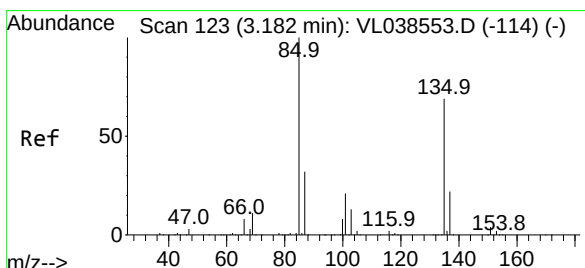
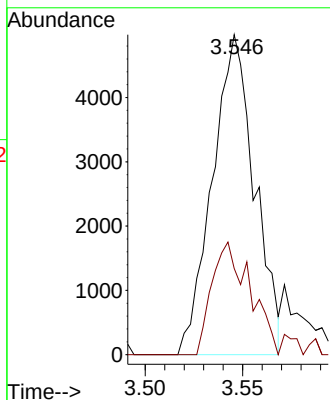
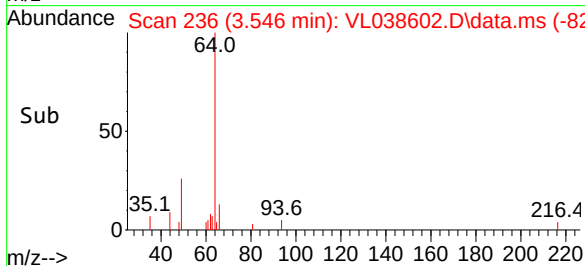
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 64 Resp: 7504
Ion Ratio Lower Upper
64 100
66 25.9 26.6 39.8

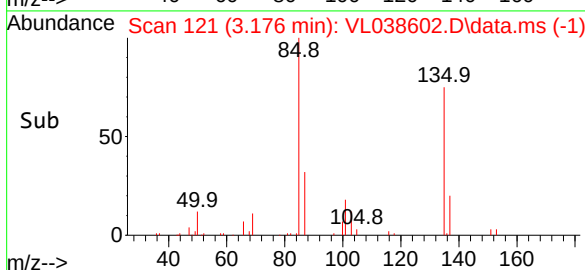
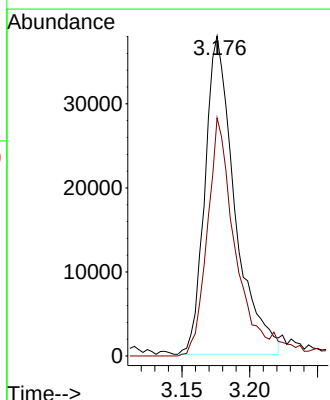
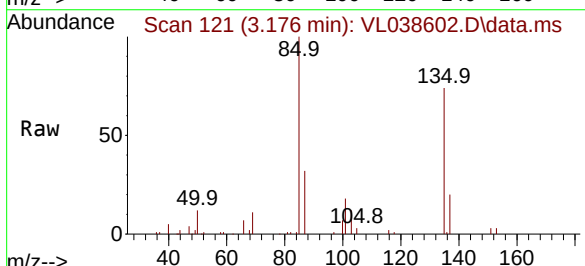
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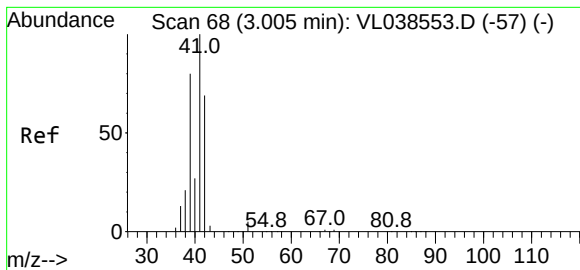
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Dichlorotetrafluoroethane
Concen: 0.498 ppbv
RT: 3.176 min Scan# 121
Delta R.T. -0.006 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion: 85 Resp: 58104
Ion Ratio Lower Upper
85 100
135 74.4 59.0 88.4





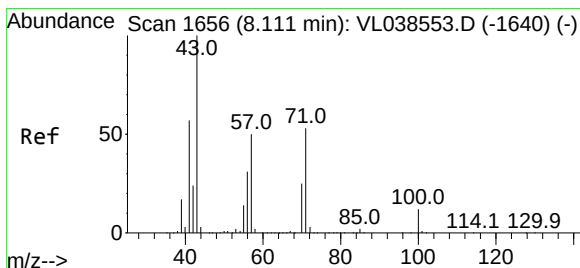
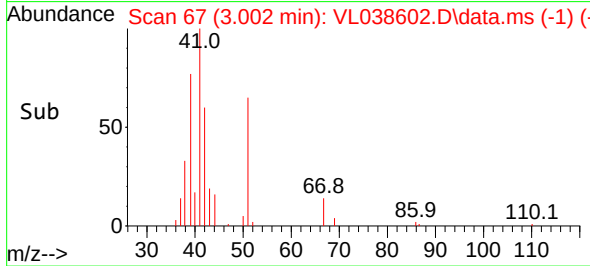
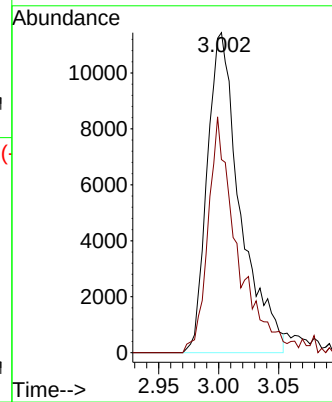
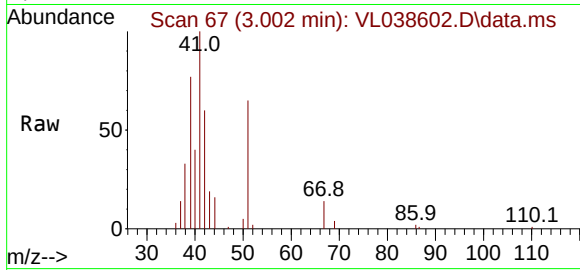
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Propene
Concen: 0.442 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 41 Resp: 21910
Ion Ratio Lower Upper
41 100
42 67.4 55.7 83.5

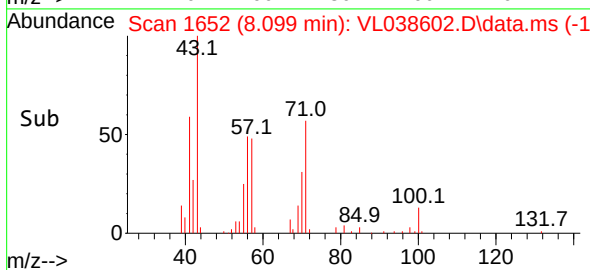
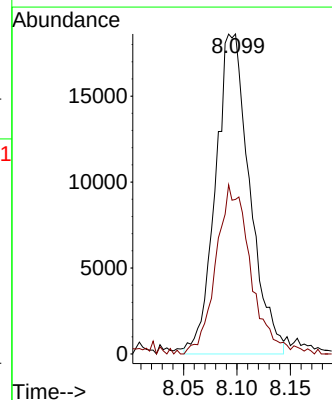
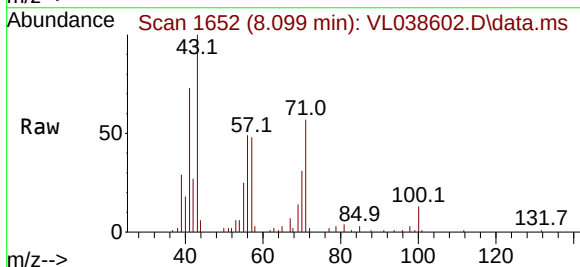
Manual Integrations
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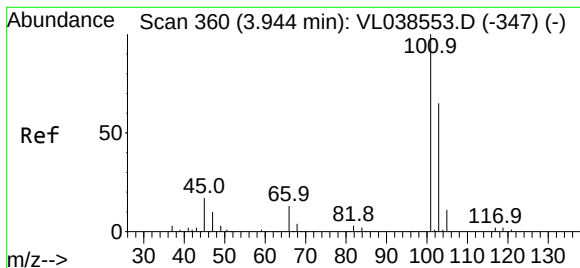
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#10
Heptane
Concen: 0.350 ppbv m
RT: 8.099 min Scan# 1652
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion: 43 Resp: 41490
Ion Ratio Lower Upper
43 100
57 53.9 39.6 59.4





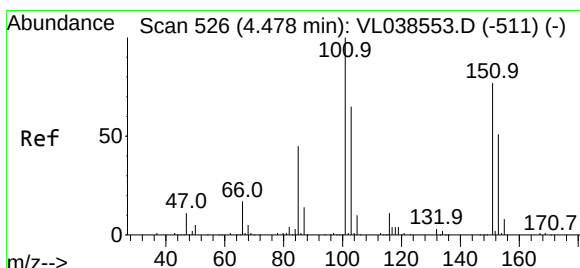
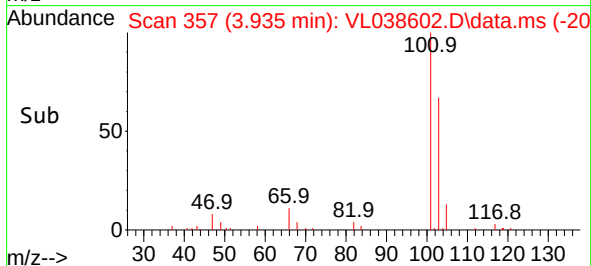
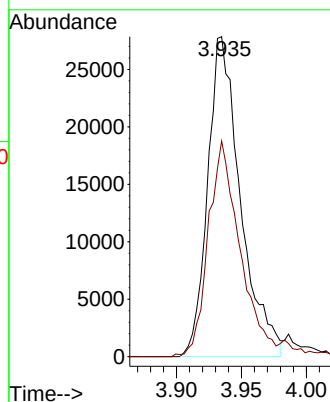
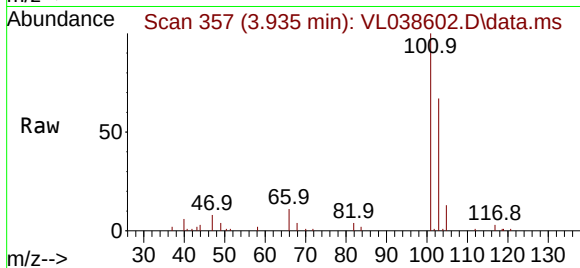
#11
Trichlorofluoromethane
Concen: 0.462 ppbv
RT: 3.935 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:101 Resp: 4880
Ion Ratio Lower Upper
101 100
103 66.7 52.0 78.0

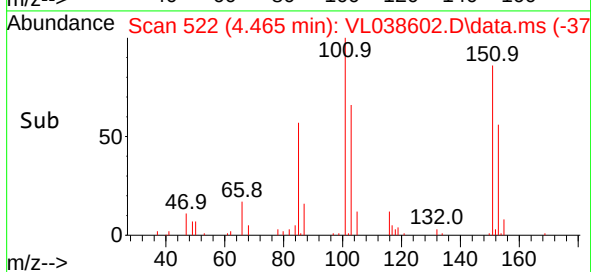
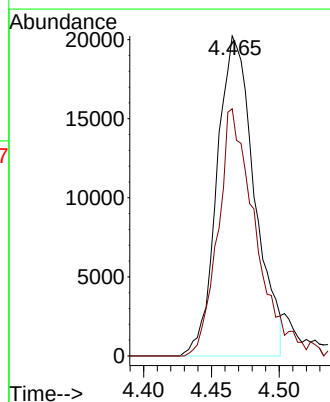
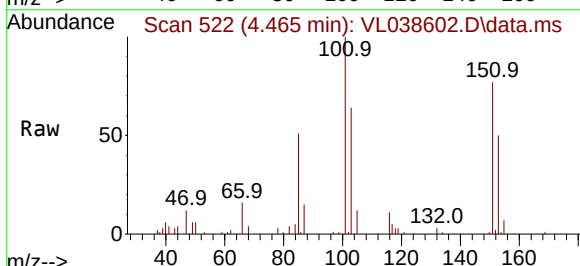
Manual Integrations
APPROVED

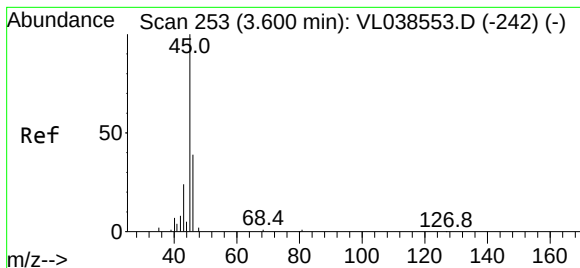
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.472 ppbv
RT: 4.465 min Scan# 522
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

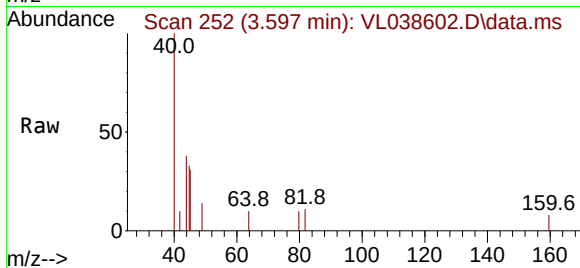
Tgt Ion:101 Resp: 38788
Ion Ratio Lower Upper
101 100
151 80.1 63.4 95.0





#13
Ethanol
Concen: 0.589 ppbv m
RT: 3.597 min Scan# 214
Delta R.T. -0.003 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

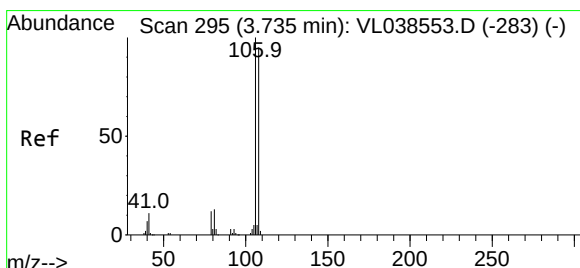
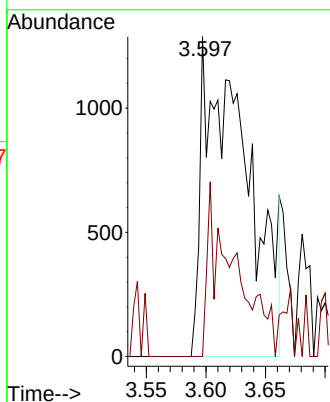
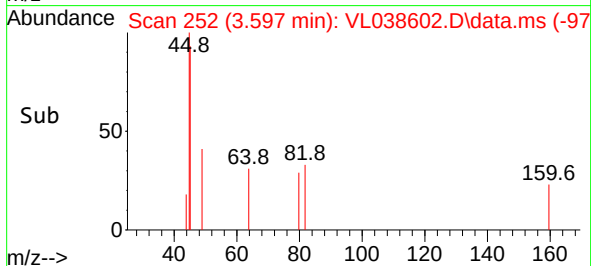
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 45 Resp: 335
Ion Ratio Lower Upper
45 100
46 0.0 16.8 67.0

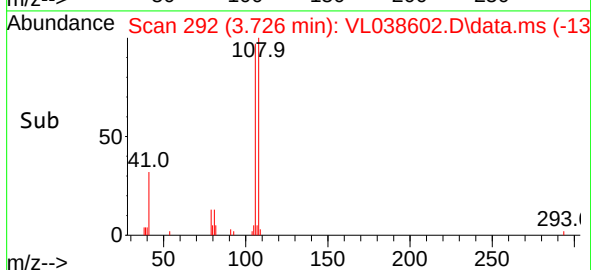
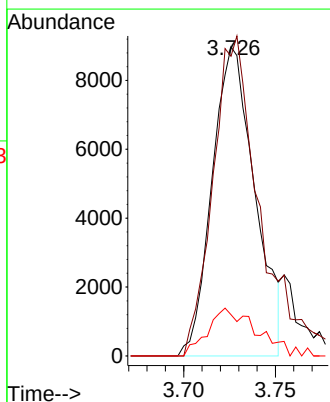
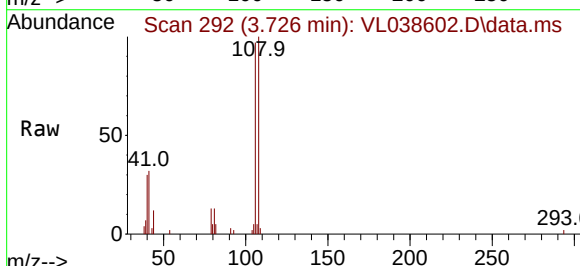
Manual Integrations
APPROVED

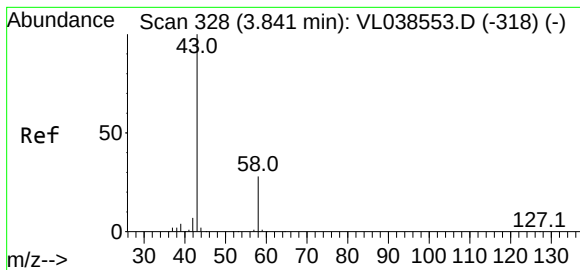
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#14
Bromoethene
Concen: 0.416 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

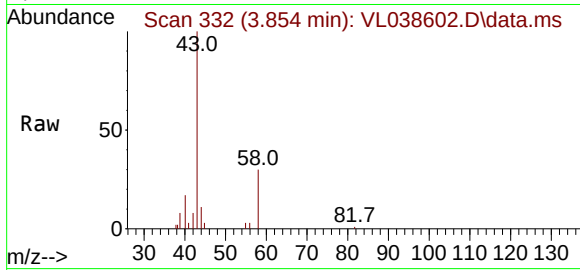
Tgt Ion:108 Resp: 14563
Ion Ratio Lower Upper
108 100
106 118.5 85.9 128.9
79 19.4 11.0 16.6





#15
Acetone
Concen: 0.432 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

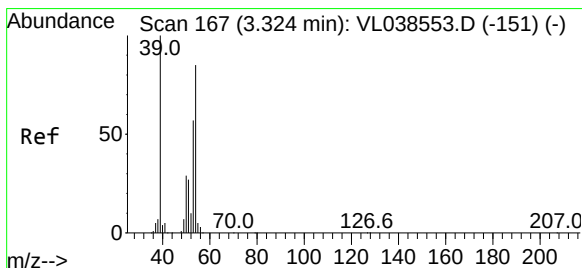
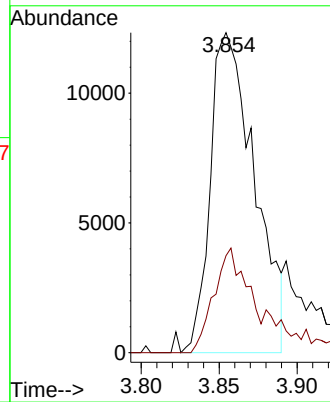
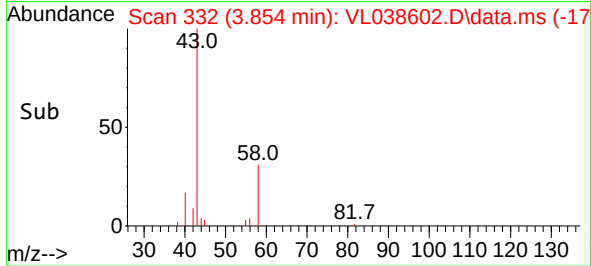
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 43 Resp: 2429
Ion Ratio Lower Upper
43 100
58 35.5 22.7 34.1

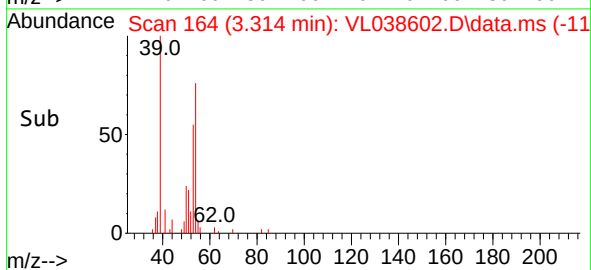
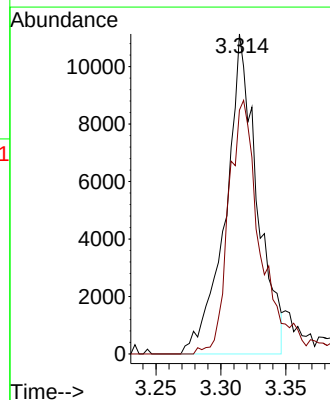
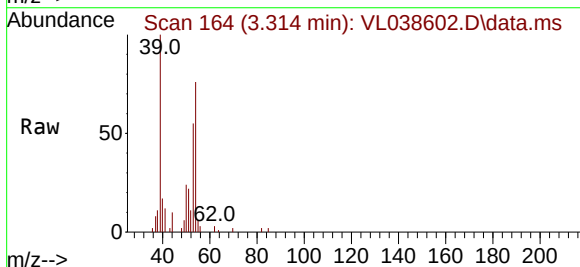
Manual Integrations
APPROVED

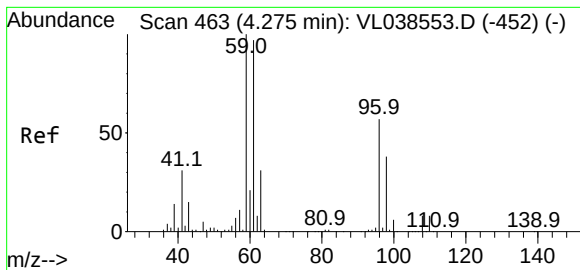
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
1,3-Butadiene
Concen: 0.416 ppbv
RT: 3.314 min Scan# 164
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion: 39 Resp: 18786
Ion Ratio Lower Upper
39 100
54 84.0 64.2 96.2





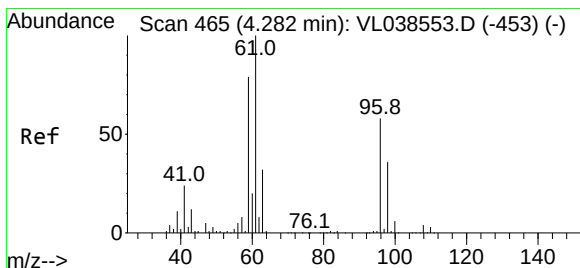
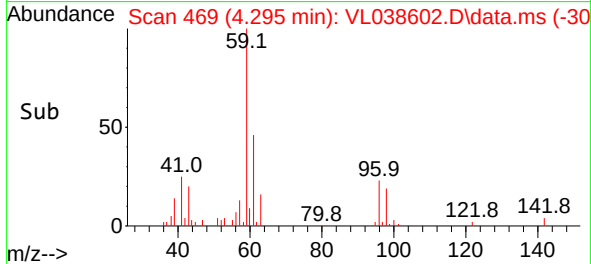
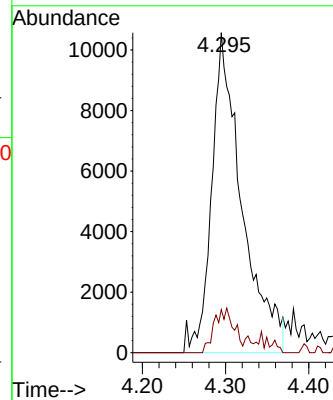
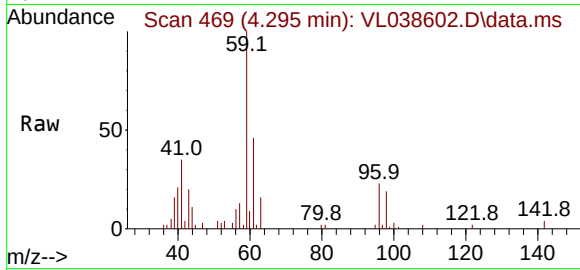
#17
tert-Butyl alcohol
Concen: 0.437 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.019 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 59 Resp: 2669
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

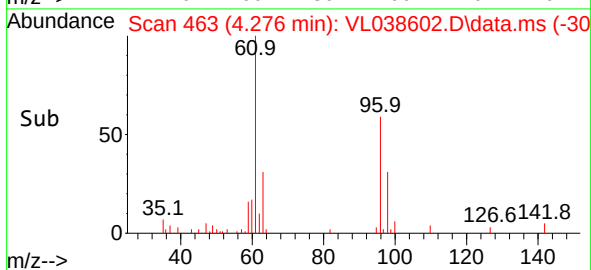
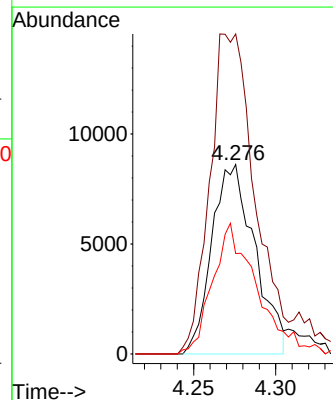
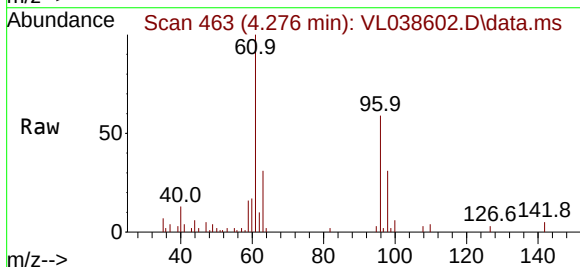
Manual Integrations
APPROVED

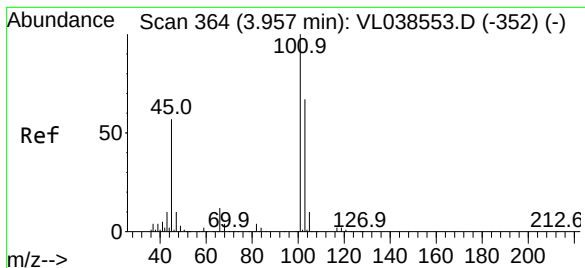
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#18
1,1-Dichloroethene
Concen: 0.427 ppbv
RT: 4.276 min Scan# 463
Delta R.T. -0.006 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

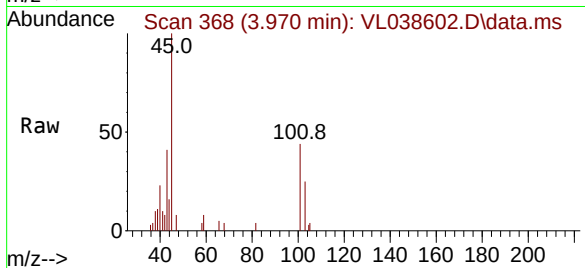
Tgt Ion: 96 Resp: 15679
Ion Ratio Lower Upper
96 100
61 159.7 137.4 206.0
98 49.1 49.3 73.9





#19
Isopropyl Alcohol
Concen: 0.467 ppbv m
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

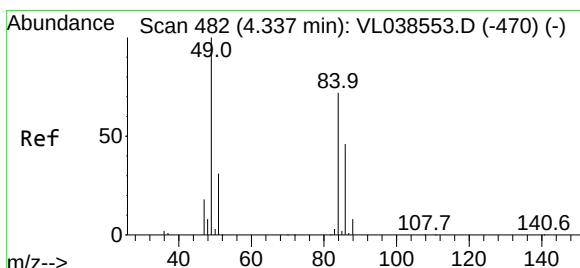
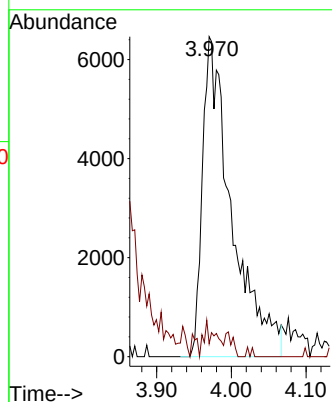
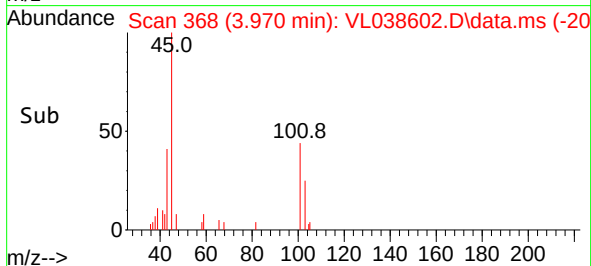
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 45 Resp: 17524
Ion Ratio Lower Upper
45 100
58 7.6 2.2 3.2

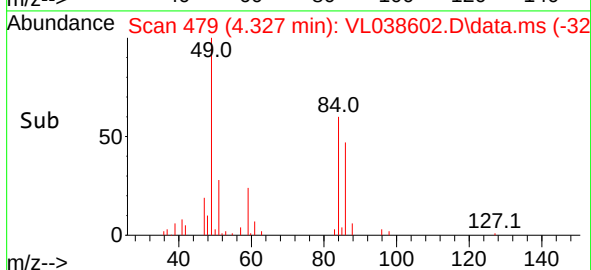
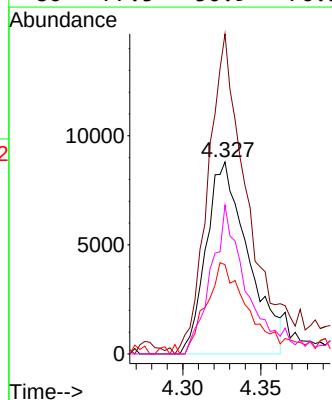
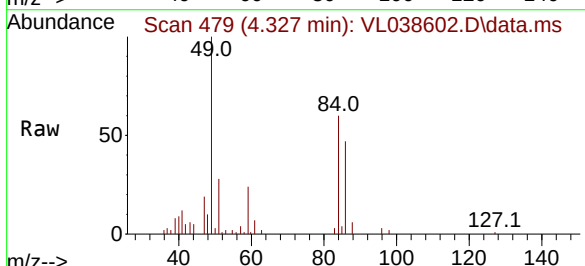
Manual Integrations
APPROVED

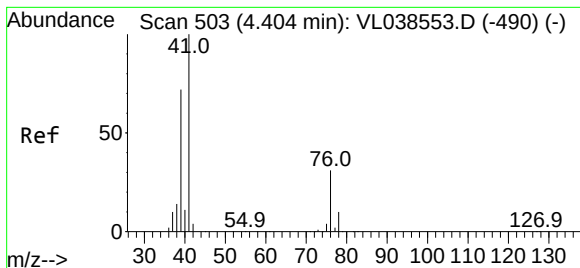
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 0.487 ppbv
RT: 4.327 min Scan# 479
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

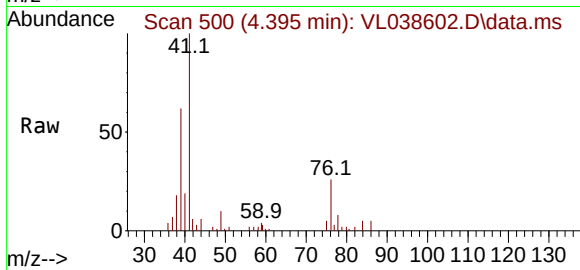
Tgt Ion: 84 Resp: 16468
Ion Ratio Lower Upper
84 100
49 160.0 111.1 166.7
51 46.5 34.0 51.0
86 77.5 50.9 76.3





#21
 Allyl Chloride
 Concen: 0.396 ppbv
 RT: 4.395 min Scan# 503
 Delta R.T. -0.009 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

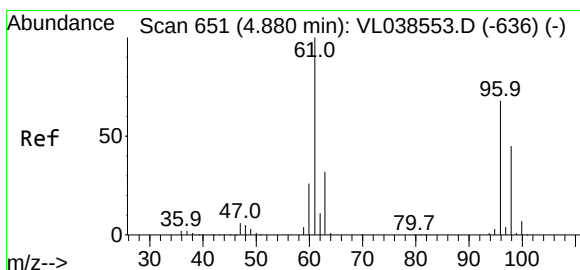
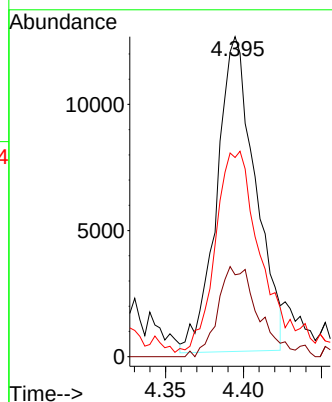
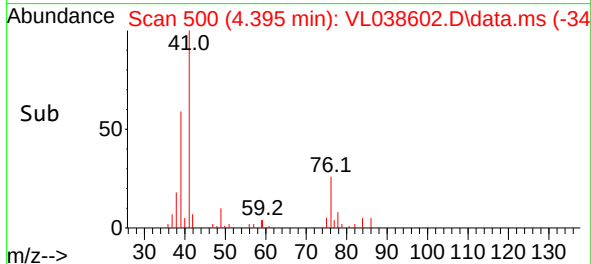
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



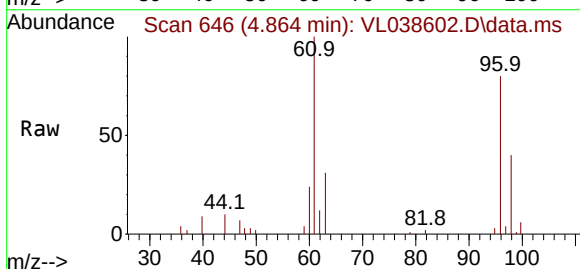
Tgt Ion: 41 Resp: 2146
 Ion Ratio Lower Upper
 41 100
 76 31.4 24.3 36.5
 39 87.3 57.1 85.7

Manual Integrations
 APPROVED

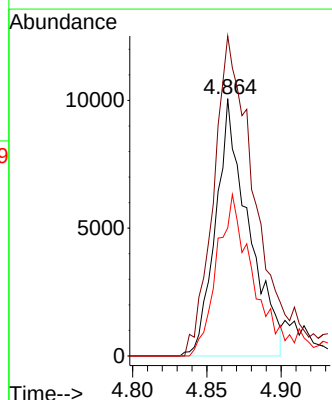
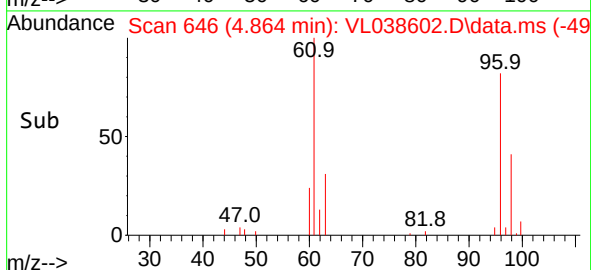
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

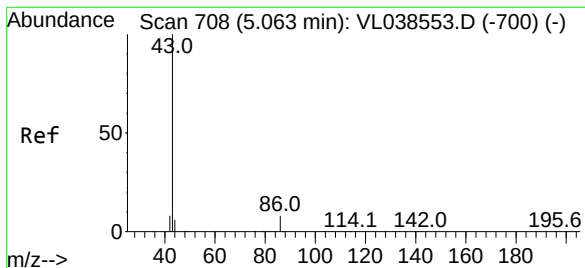


#22
 trans-1,2-Dichloroethene
 Concen: 0.403 ppbv
 RT: 4.864 min Scan# 646
 Delta R.T. -0.016 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52



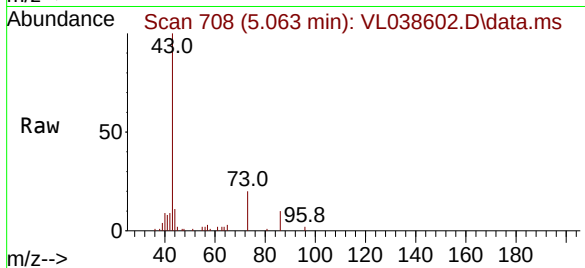
Tgt Ion: 96 Resp: 15512
 Ion Ratio Lower Upper
 96 100
 61 124.3 117.6 176.4
 98 49.7 52.6 78.8





#23
 Vinyl Acetate
 Concen: 0.398 ppbv m
 RT: 5.063 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

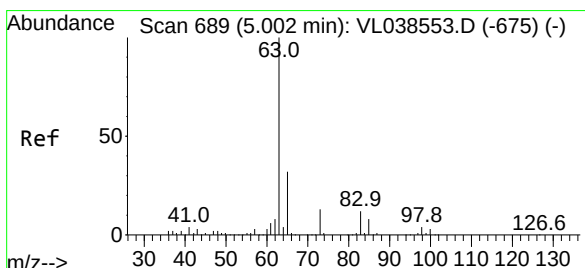
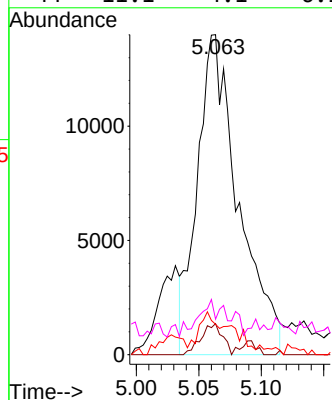
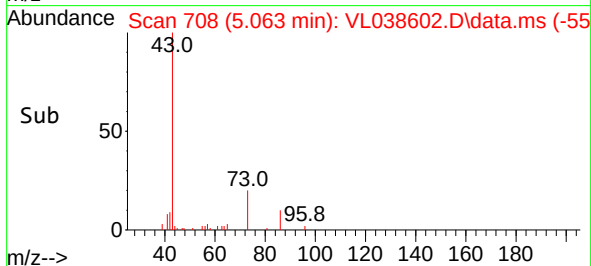
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 43	Resp: 3212
Ion Ratio	Lower Upper
43 100	
86 9.7	5.6 8.4
42 9.5	7.1 10.7
44 11.1	4.1 6.1

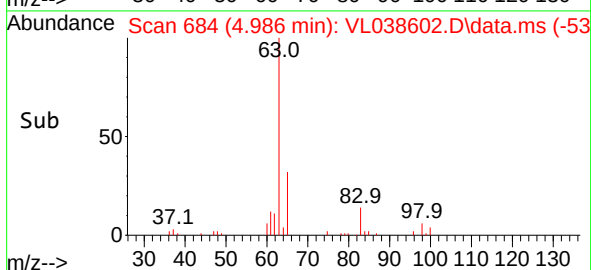
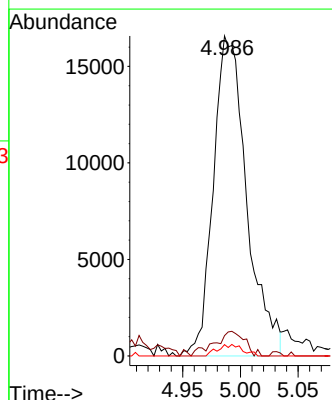
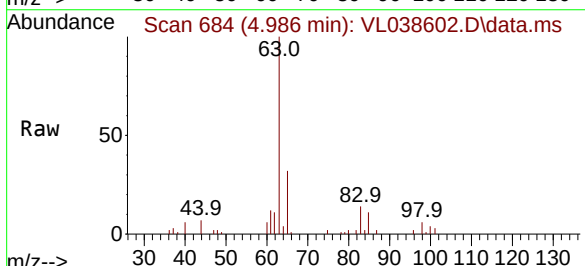
Manual Integrations
 APPROVED

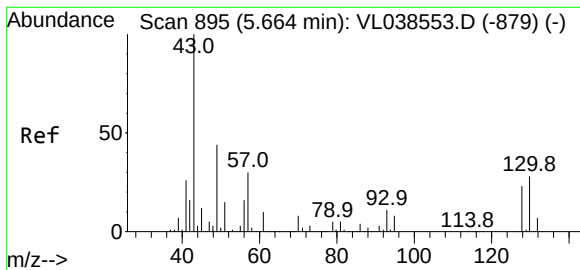
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 0.454 ppbv
 RT: 4.986 min Scan# 684
 Delta R.T. -0.016 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

Tgt Ion: 63	Resp: 33304
Ion Ratio	Lower Upper
63 100	
98 6.4	2.2 6.6
100 3.6	1.5 4.5





#25
Ethyl Acetate
Concen: 0.388 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

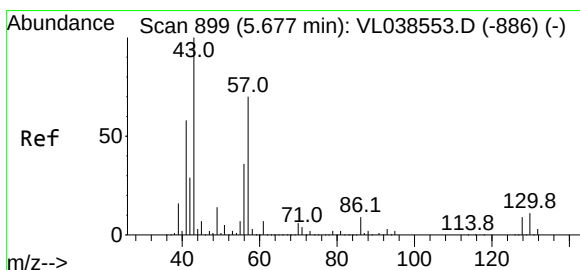
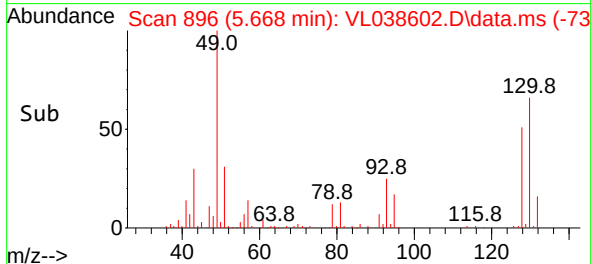
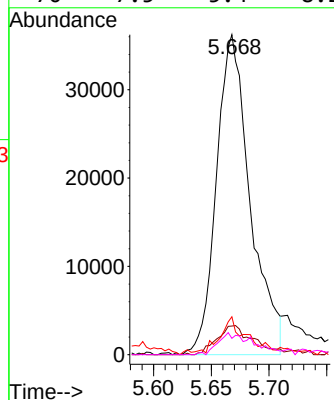
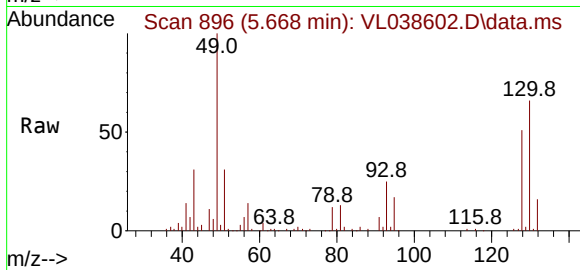
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 43 Resp: 7354

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.0	12.0
61	11.1	8.2	12.4
70	7.5	5.4	8.2

Manual Integrations
APPROVED

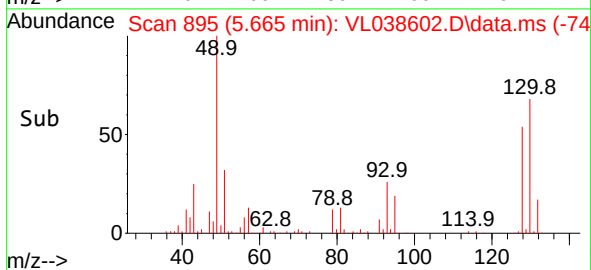
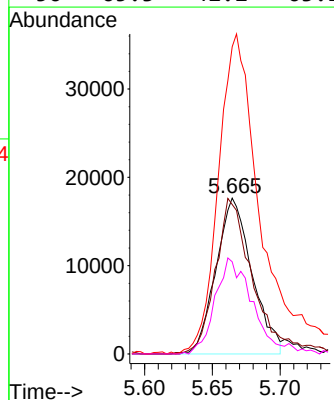
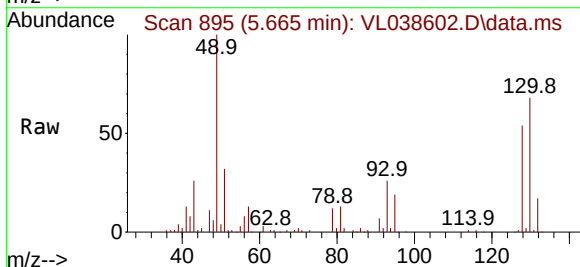
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

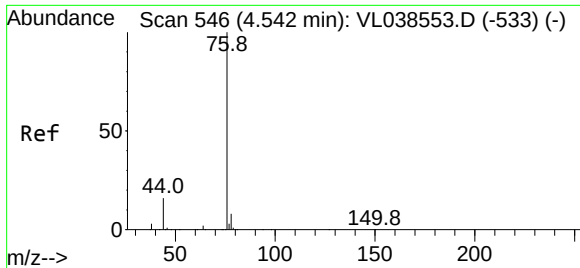


#26
Hexane
Concen: 0.367 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion: 57 Resp: 32640

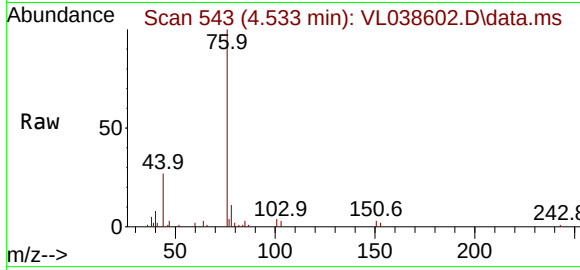
Ion	Ratio	Lower	Upper
57	100		
41	105.4	67.8	101.6#
43	254.6	173.6	260.4
56	65.3	42.2	63.2#





#27
Carbon Disulfide
Concen: 0.370 ppbv
RT: 4.533 min Scan# 546
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

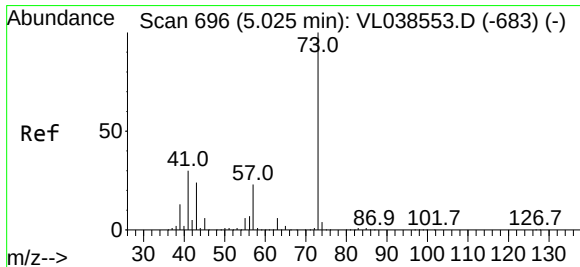
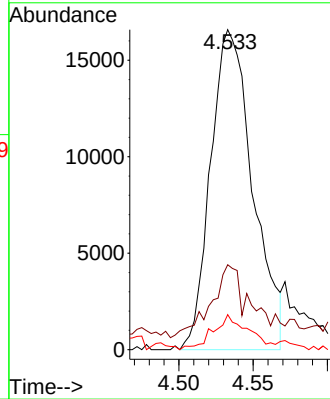
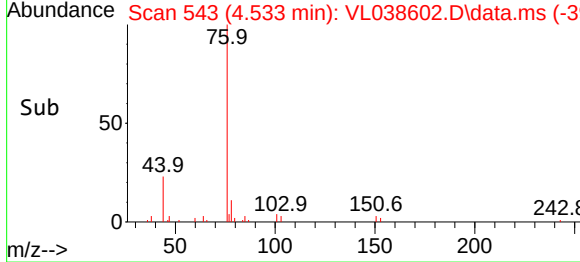
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 76 Resp: 32814
Ion Ratio Lower Upper
76 100
44 24.4 12.9 19.3
78 10.5 7.8 11.6

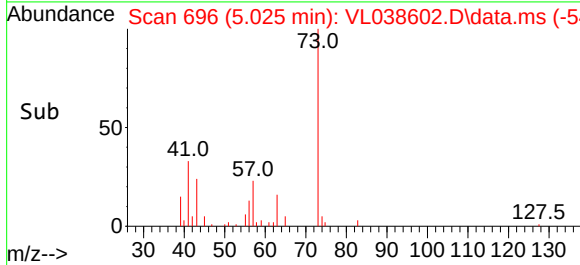
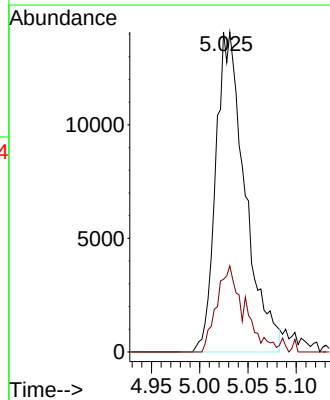
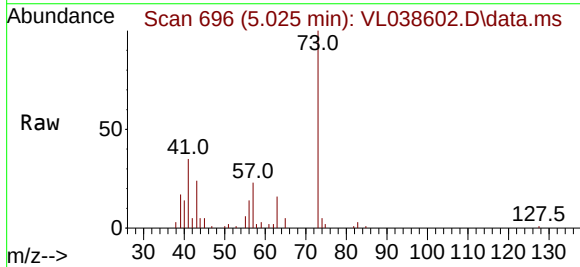
Manual Integrations
APPROVED

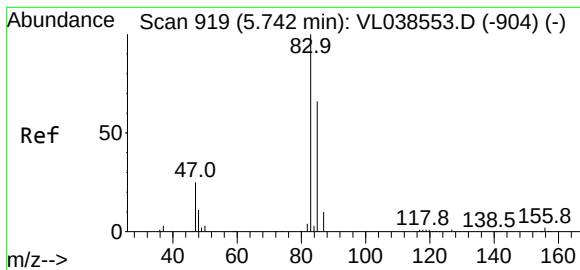
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Methyl tert-Butyl Ether
Concen: 0.411 ppbv m
RT: 5.025 min Scan# 696
Delta R.T. 0.000 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

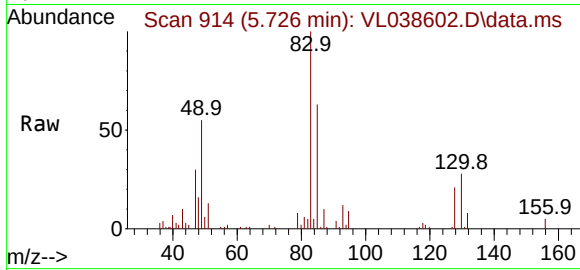
Tgt Ion: 73 Resp: 29731
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29
Chloroform
Concen: 0.448 ppbv
RT: 5.726 min Scan# 919
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

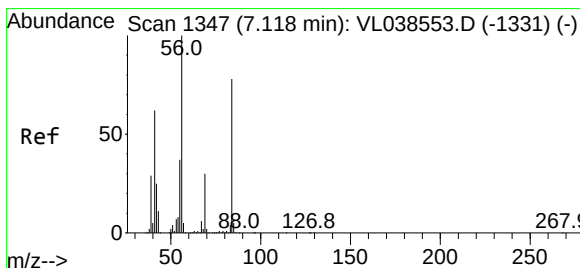
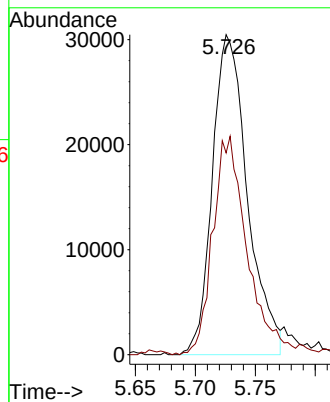
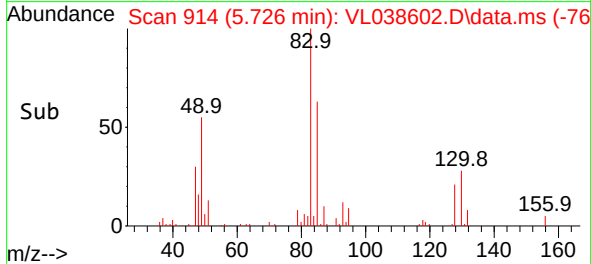
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



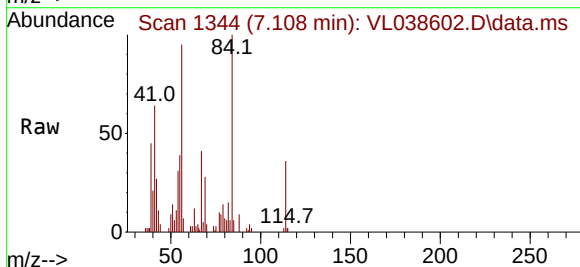
Tgt Ion: 83 Resp: 61989
Ion Ratio Lower Upper
83 100
85 63.0 52.8 79.2

Manual Integrations
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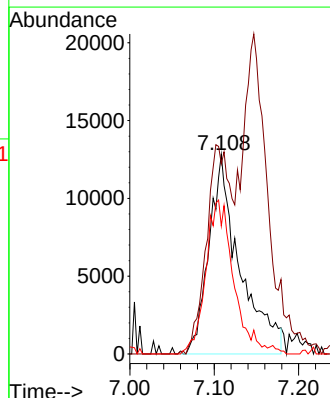
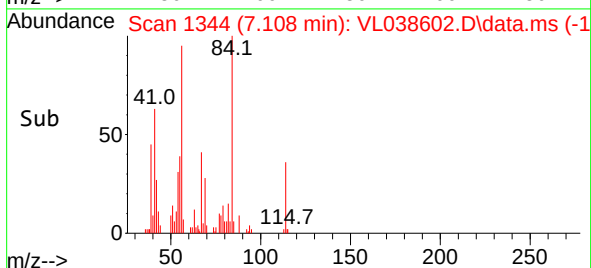
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

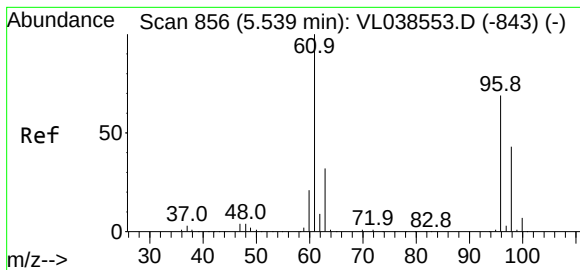


#30
Cyclohexane
Concen: 0.424 ppbv m
RT: 7.108 min Scan# 1344
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52



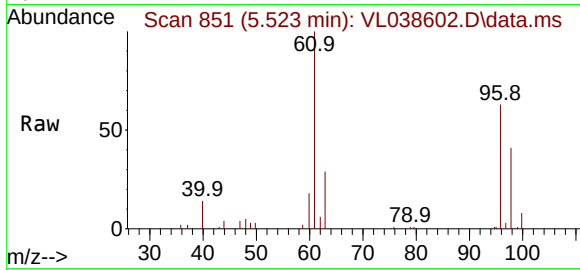
Tgt Ion: 84 Resp: 32591
Ion Ratio Lower Upper
84 100
56 85.5 111.4 167.0#
41 70.1 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.364 ppbv
 RT: 5.523 min Scan# 81
 Delta R.T. -0.016 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

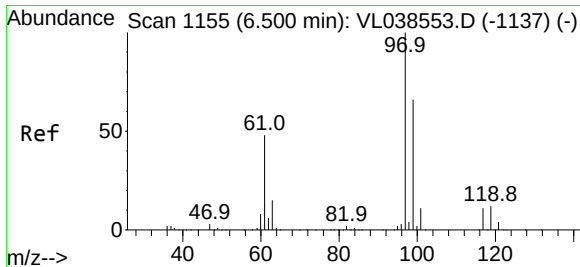
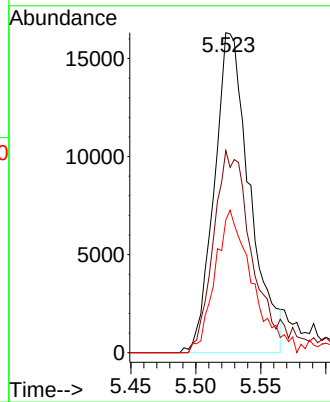
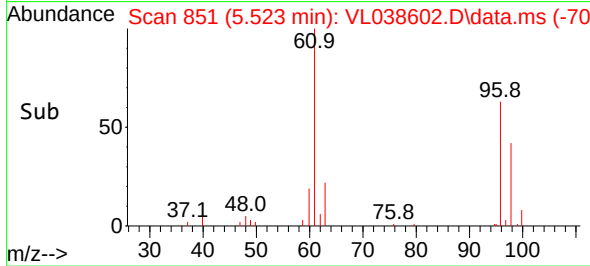
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 61 Resp: 3096
 Ion Ratio Lower Upper
 61 100
 96 63.2 55.2 82.8
 98 41.4 34.2 51.4

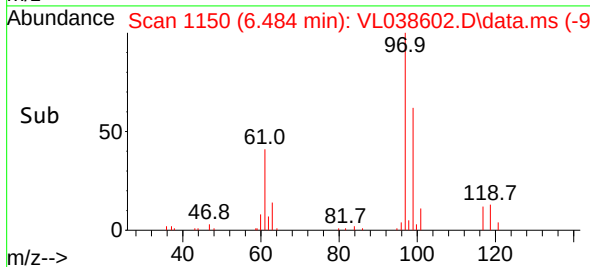
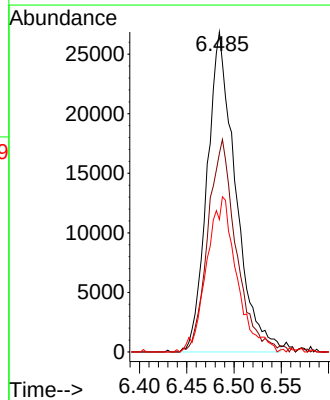
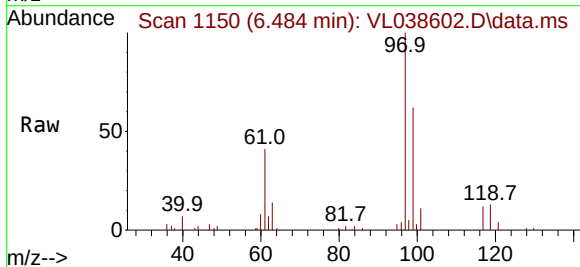
Manual Integrations
 APPROVED

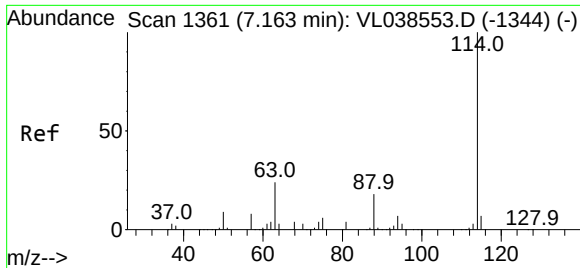
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.419 ppbv
 RT: 6.484 min Scan# 1150
 Delta R.T. -0.016 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

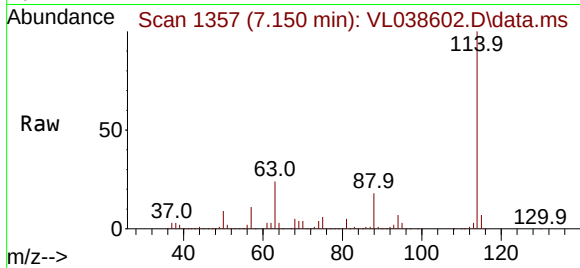
Tgt Ion: 97 Resp: 56243
 Ion Ratio Lower Upper
 97 100
 99 66.9 52.1 78.1
 61 51.2 37.7 56.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

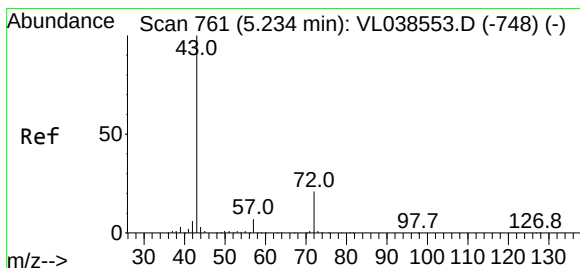
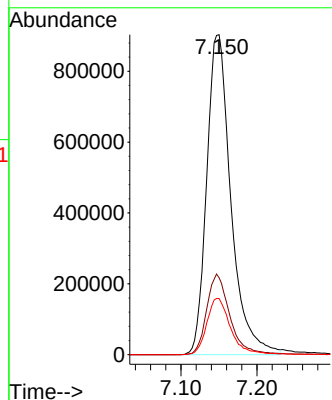
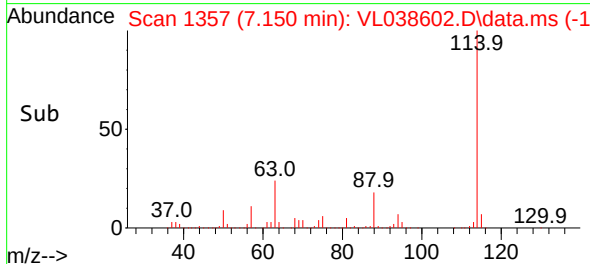
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion:114 Resp: 200059
Ion Ratio Lower Upper
114 100
63 24.4 19.6 29.4
88 17.5 13.9 20.9

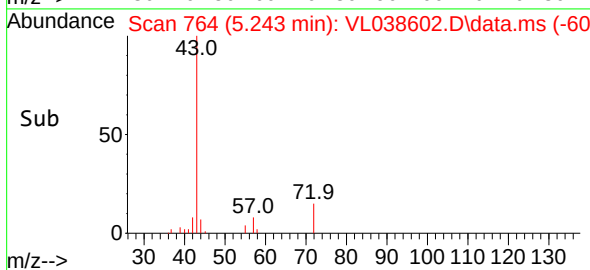
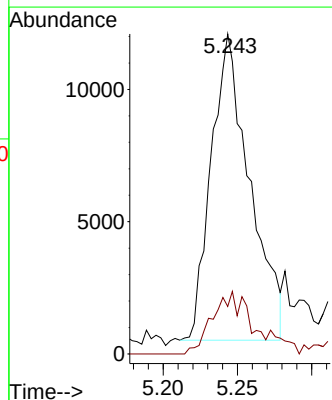
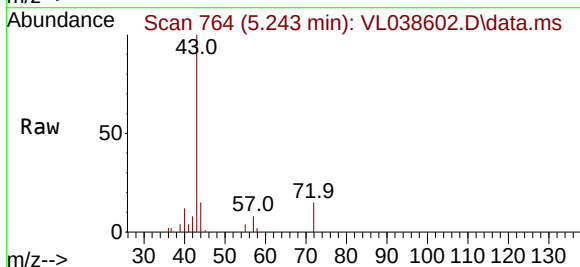
Manual Integrations
APPROVED

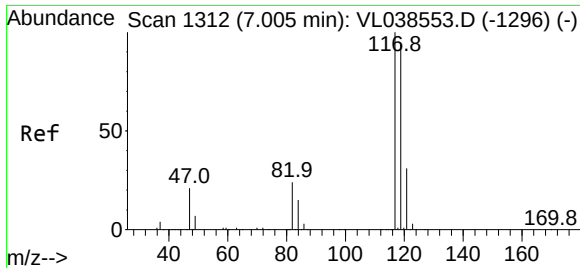
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
2-Butanone
Concen: 0.403 ppbv
RT: 5.243 min Scan# 764
Delta R.T. 0.010 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

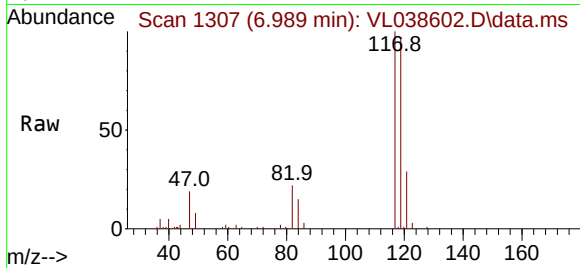
Tgt Ion: 43 Resp: 20910
Ion Ratio Lower Upper
43 100
72 24.3 17.8 26.6





#35
Carbon Tetrachloride
Concen: 0.435 ppbv
RT: 6.989 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

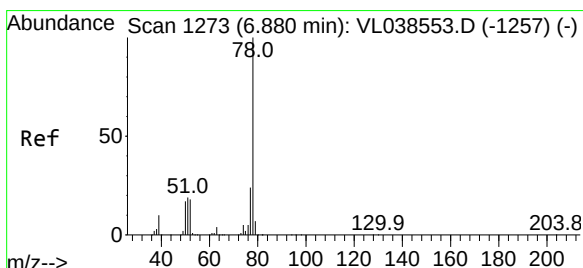
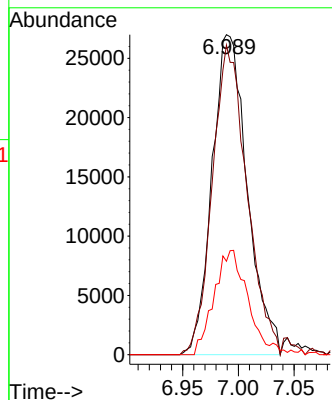
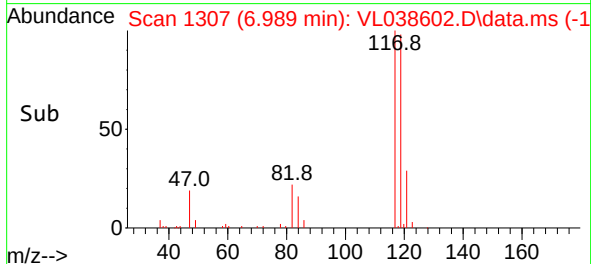
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



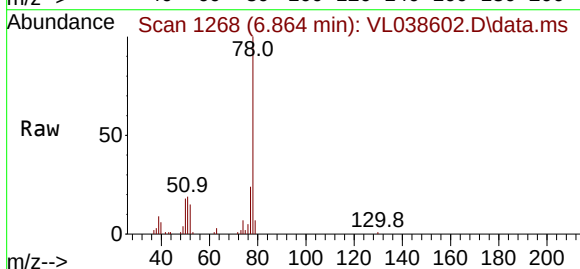
Tgt Ion: 117 Resp: 59304
Ion Ratio Lower Upper
117 100
119 96.7 75.2 112.8
121 29.2 24.8 37.2

Manual Integrations
APPROVED

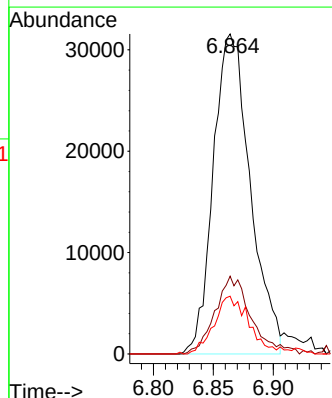
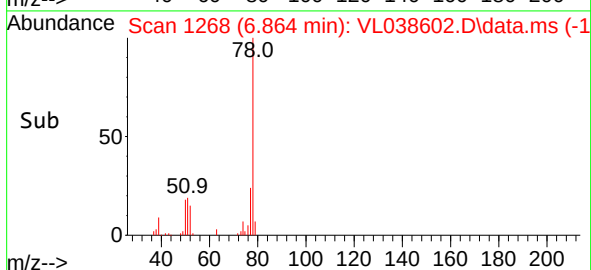
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

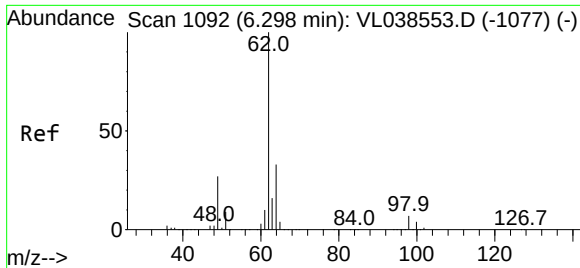


#36
Benzene
Concen: 0.376 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52



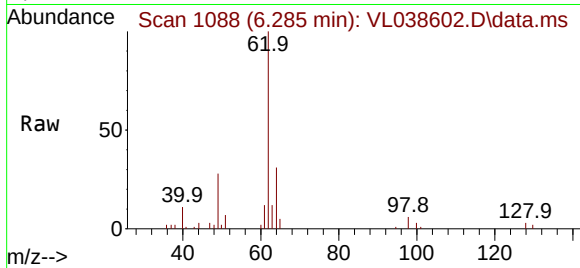
Tgt Ion: 78 Resp: 67886
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4
50 17.5 13.9 20.9





#37
1,2-Dichloroethane
Concen: 0.410 ppbv
RT: 6.285 min Scan# 1088
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

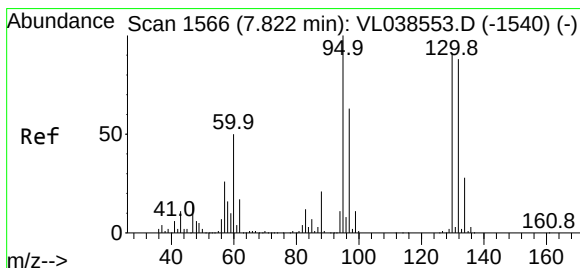
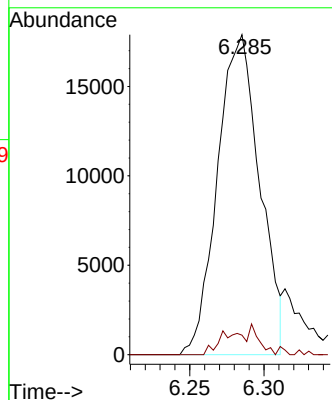
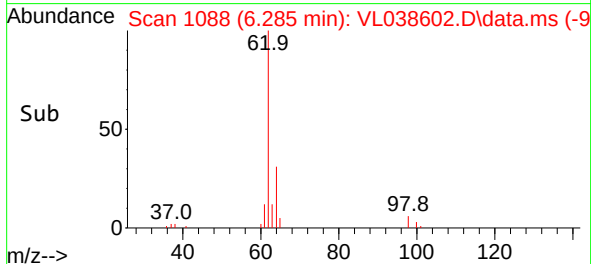
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 62 Resp: 3537
Ion Ratio Lower Upper
62 100
98 6.9 5.7 8.5

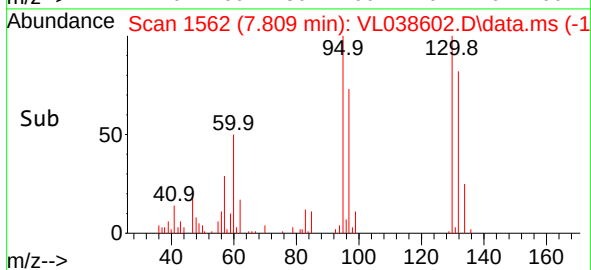
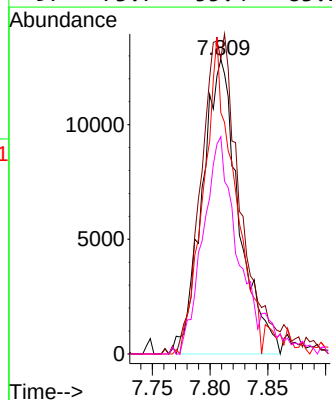
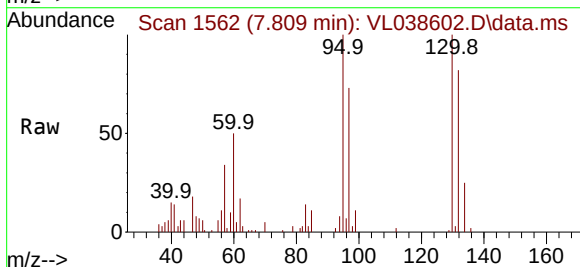
Manual Integrations
APPROVED

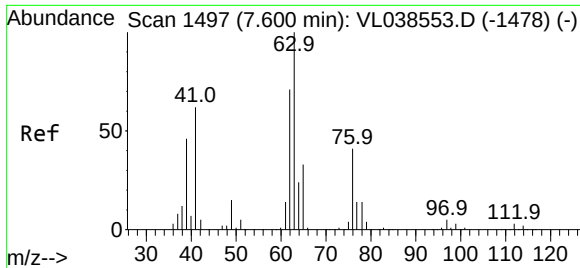
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Trichloroethene
Concen: 0.389 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

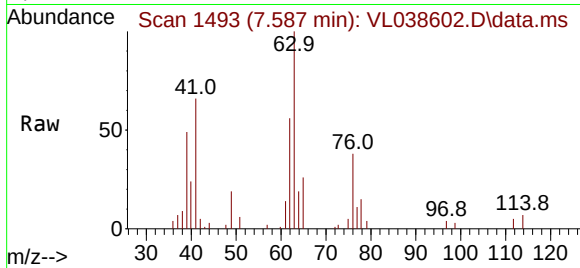
Tgt Ion:130 Resp: 28047
Ion Ratio Lower Upper
130 100
95 95.8 87.8 131.8
132 81.9 77.5 116.3
97 73.7 55.4 83.2





#39
1,2-Dichloropropane
Concen: 0.429 ppbv
RT: 7.587 min Scan# 1497
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

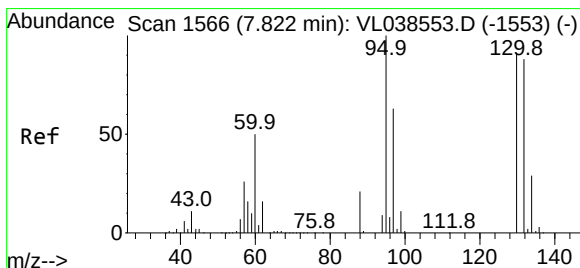
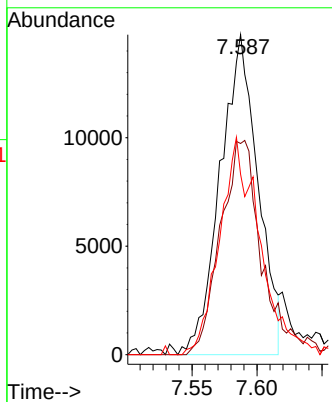
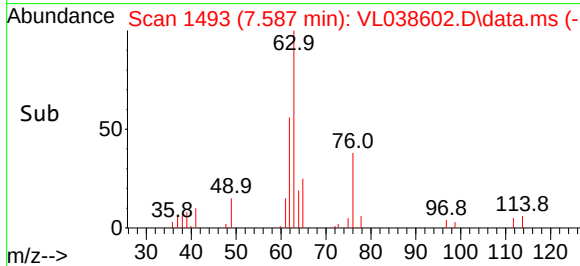
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 63 Resp: 2978
Ion Ratio Lower Upper
63 100
41 66.0 49.8 74.6
62 56.4 56.7 85.1

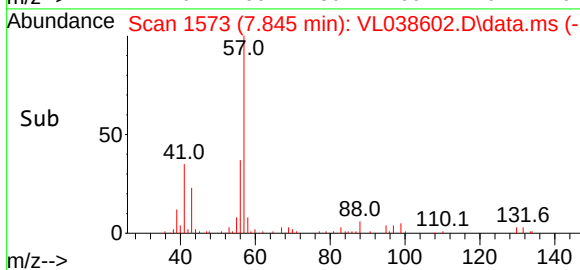
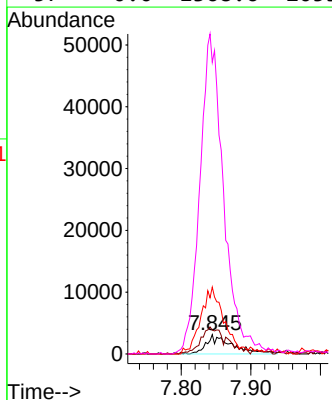
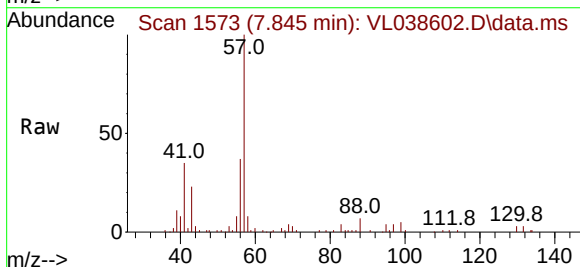
Manual Integrations
APPROVED

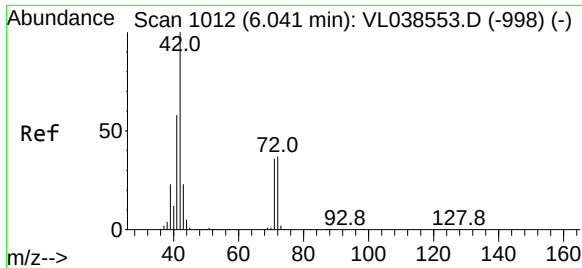
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#40
1,4-Dioxane
Concen: 0.464 ppbv m
RT: 7.845 min Scan# 1573
Delta R.T. 0.023 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

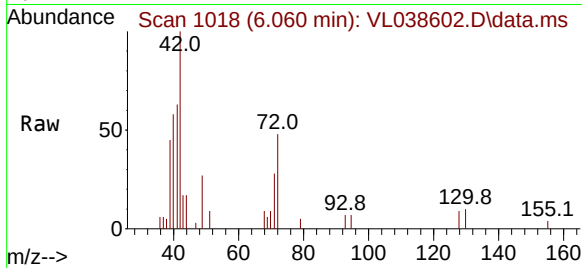
Tgt Ion: 88 Resp: 8066
Ion Ratio Lower Upper
88 100
58 0.0 126.7 190.1#
43 0.0 303.0 454.6#
57 0.0 1368.6 2053.0#





#41
Tetrahydrofuran
Concen: 0.303 ppbv m
RT: 6.060 min Scan# 1012
Delta R.T. 0.019 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

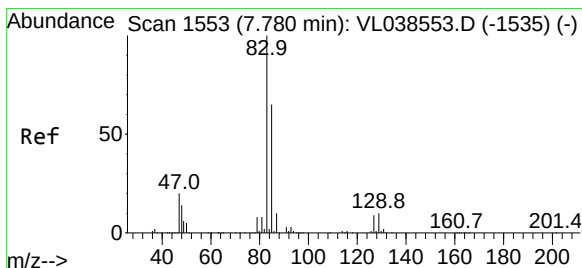
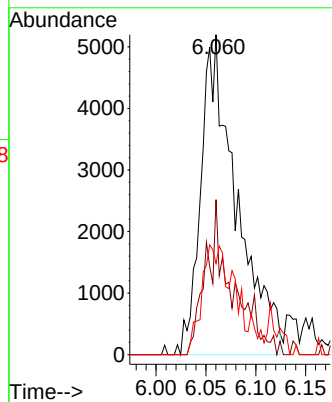
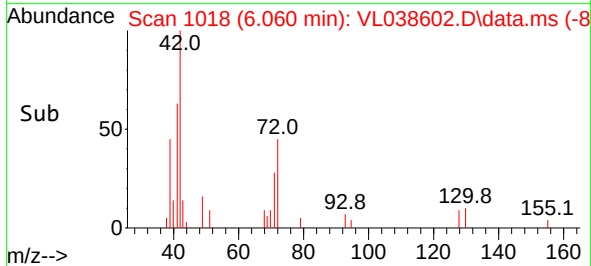
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 42 Resp: 1286
Ion Ratio Lower Upper
42 100
72 0.0 30.9 46.3
71 0.0 29.1 43.7

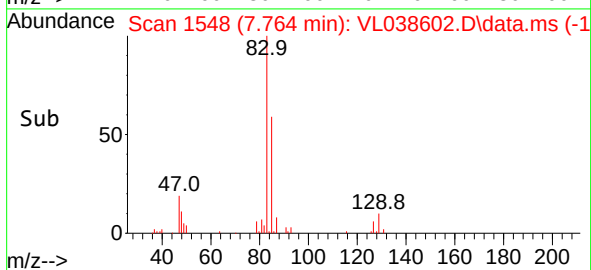
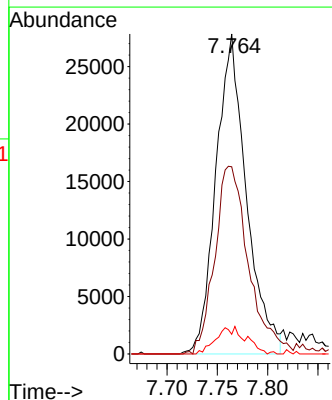
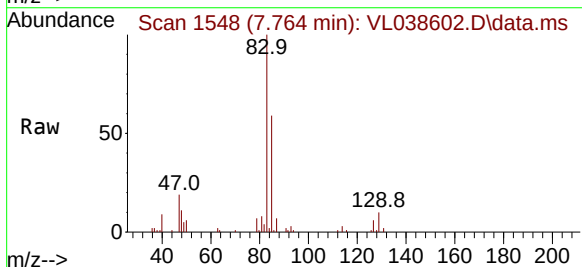
Manual Integrations
APPROVED

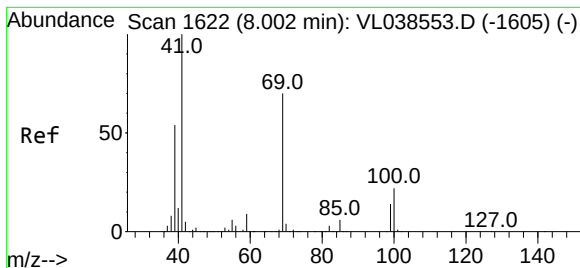
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
Bromodichloromethane
Concen: 0.428 ppbv
RT: 7.764 min Scan# 1548
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion: 83 Resp: 58526
Ion Ratio Lower Upper
83 100
85 58.5 51.7 77.5
127 6.2 6.9 10.3





#43

Methyl Methacrylate

Concen: 0.313 ppbv

RT: 8.002 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

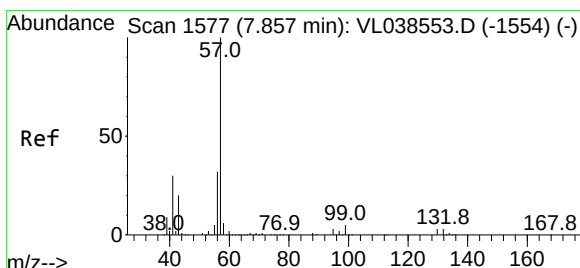
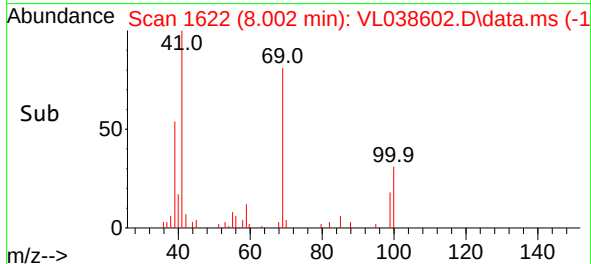
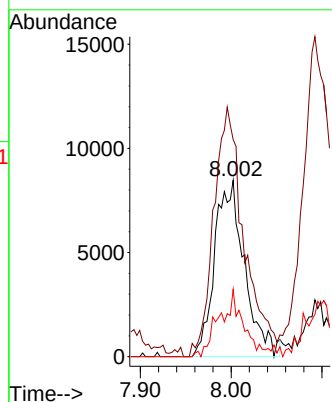
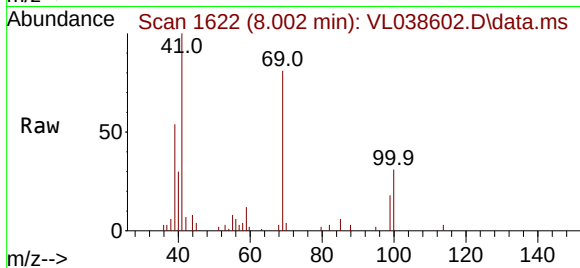
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:	69	Resp:	19370
Ion	Ratio	Lower	Upper
69	100		
41	145.4	113.8	170.6
100	0.0	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44

2,2,4-Trimethylpentane

Concen: 0.390 ppbv

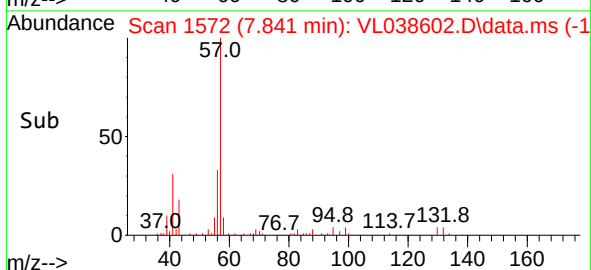
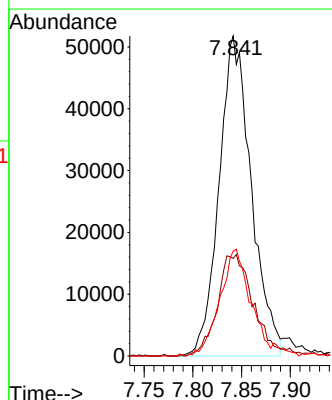
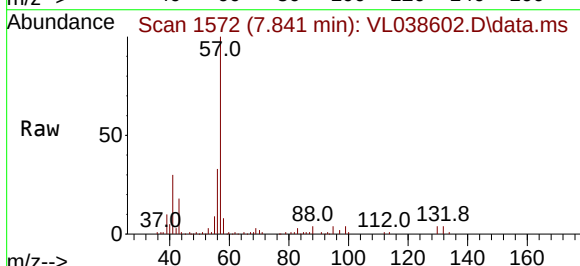
RT: 7.841 min Scan# 1572

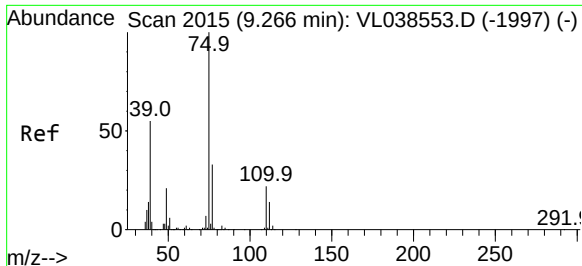
Delta R.T. -0.016 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Tgt Ion:	57	Resp:	119138
Ion	Ratio	Lower	Upper
57	100		
41	36.1	24.0	36.0
56	33.2	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 0.273 ppbv

RT: 9.246 min Scan# 2015

Delta R.T. -0.019 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 75 Resp: 1219

Ion Ratio Lower Upper

75 100

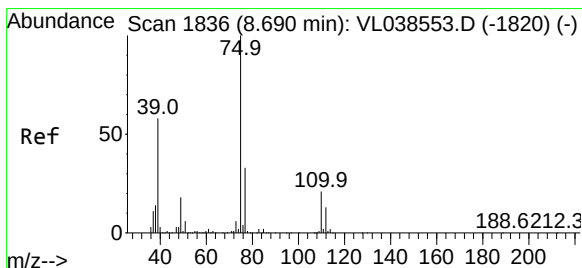
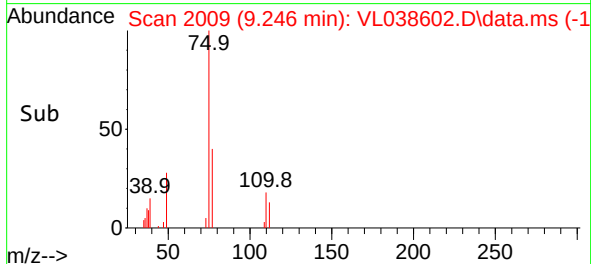
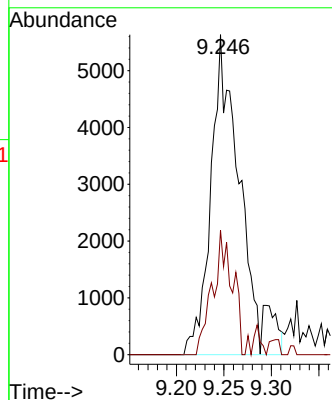
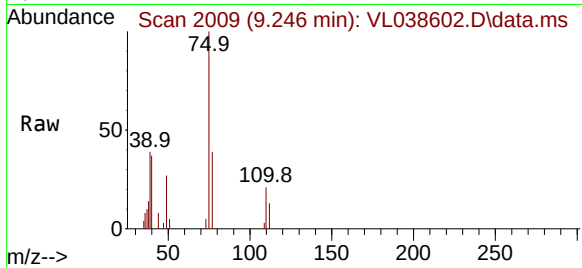
77 38.9 26.6 40.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#46

cis-1,3-Dichloropropene

Concen: 0.300 ppbv

RT: 8.674 min Scan# 1831

Delta R.T. -0.016 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

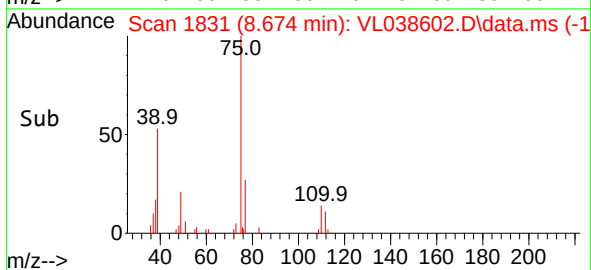
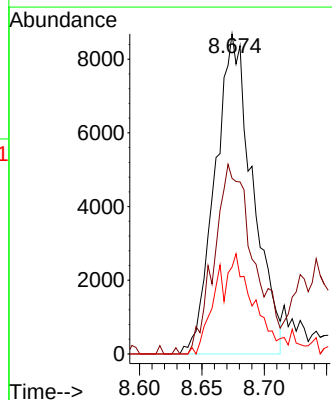
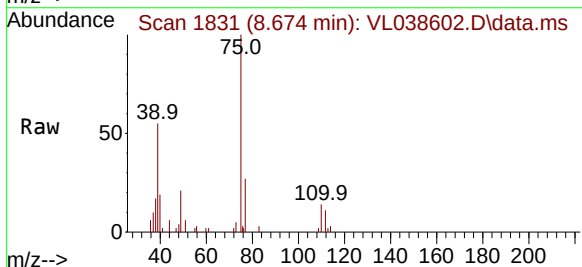
Tgt Ion: 75 Resp: 18308

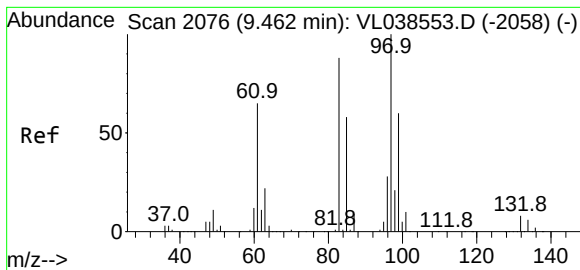
Ion Ratio Lower Upper

75 100

39 54.9 46.2 69.2

77 27.2 26.2 39.2





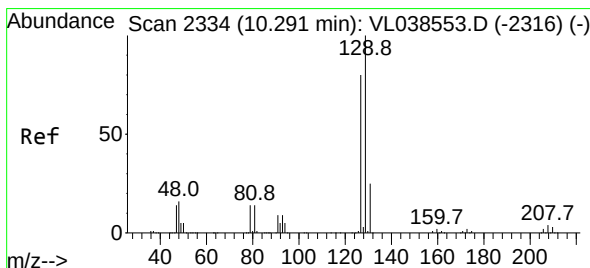
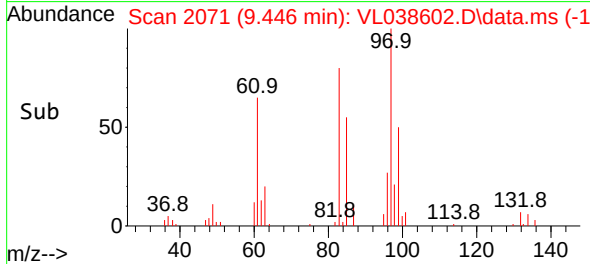
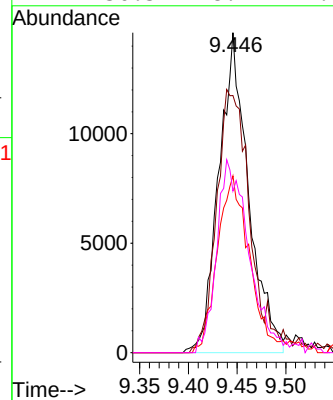
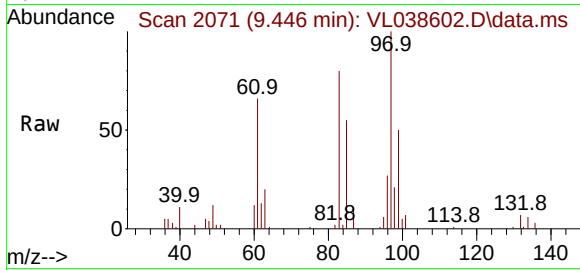
#47
1,1,2-Trichloroethane
Concen: 0.438 ppbv
RT: 9.446 min Scan# 2076
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion	97	Resp:	3098
Ion Ratio	100	Lower	Upper
97	100		
83	80.3	70.1	105.1
85	55.2	46.6	69.8
99	50.5	48.1	72.1

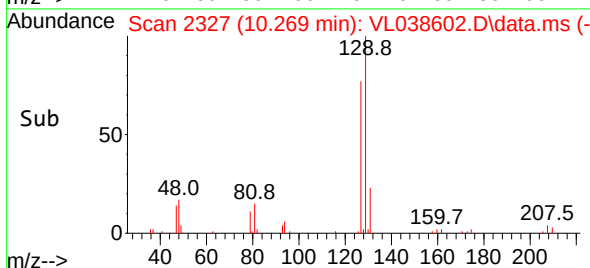
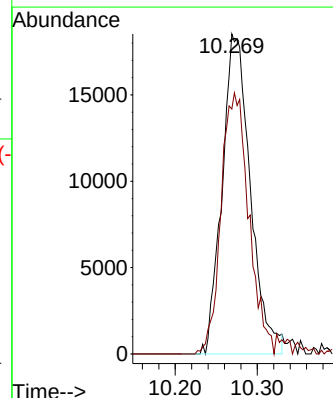
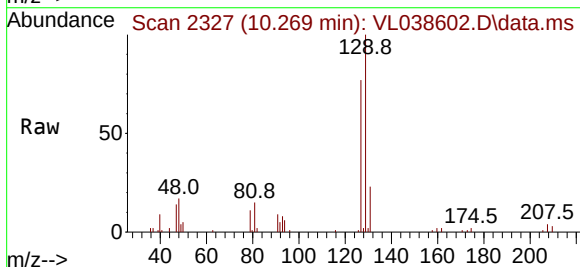
Manual Integrations
APPROVED

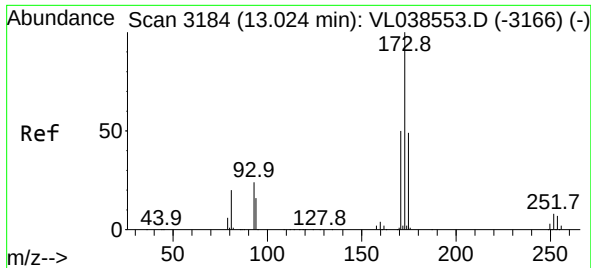
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#48
Dibromochloromethane
Concen: 0.393 ppbv m
RT: 10.269 min Scan# 2327
Delta R.T. -0.022 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

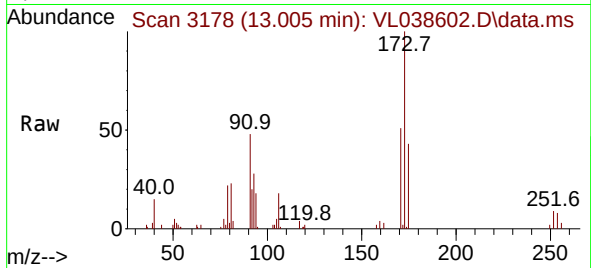
Tgt Ion	129	Resp:	44203
Ion Ratio	100	Lower	Upper
129	100		
127	0.0	39.5	118.3





#49
Bromoform
Concen: 0.379 ppbv
RT: 13.005 min Scan# 3184
Delta R.T. -0.019 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

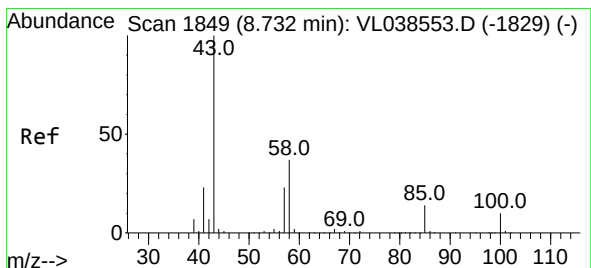
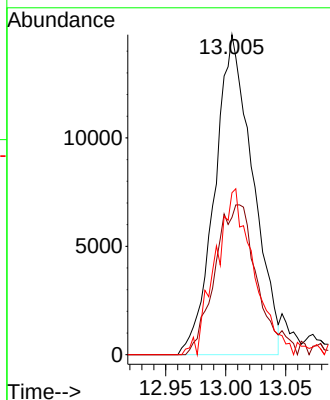
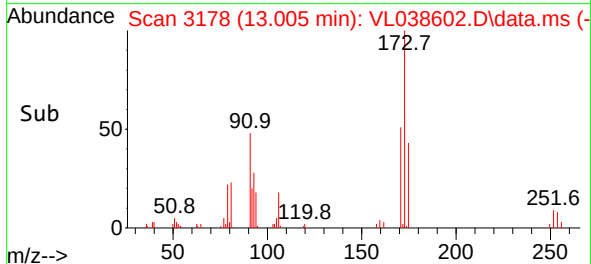
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 173 Resp: 3263
Ion Ratio Lower Upper
173 100
175 54.4 40.7 61.1
171 53.7 42.9 64.3

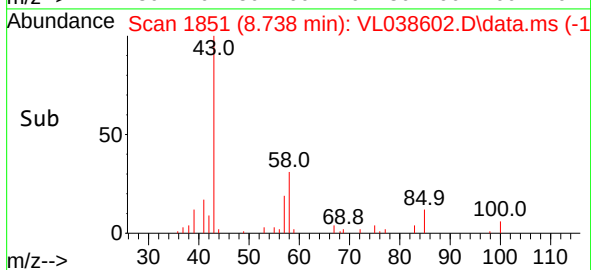
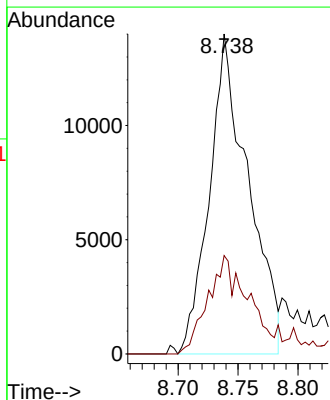
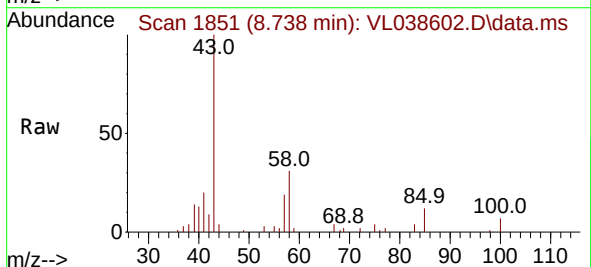
Manual Integrations
APPROVED

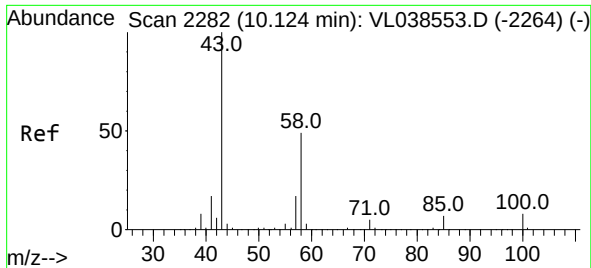
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
4-Methyl-2-Pentanone
Concen: 0.296 ppbv
RT: 8.738 min Scan# 1851
Delta R.T. 0.007 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

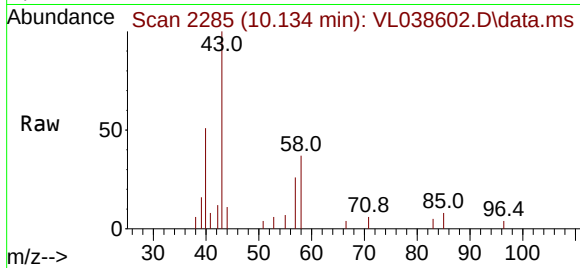
Tgt Ion: 43 Resp: 31441
Ion Ratio Lower Upper
43 100
58 32.9 29.2 43.8





#51
2-Hexanone
Concen: 0.303 ppbv m
RT: 10.134 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

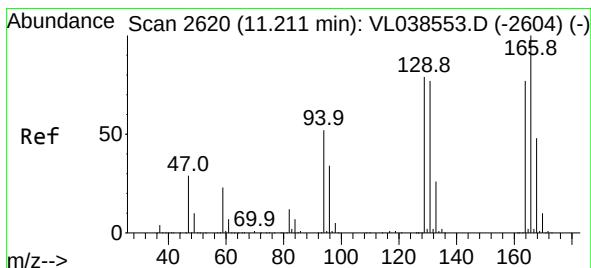
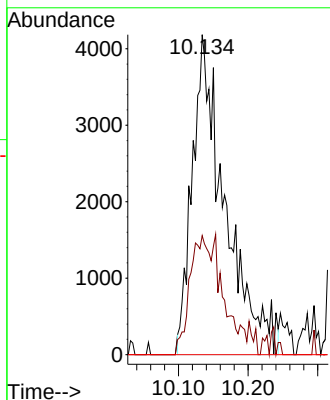
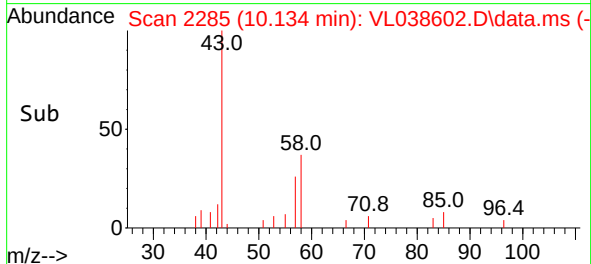
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 43 Resp: 13620
Ion Ratio Lower Upper
43 100
58 0.0 40.1 60.1
98 0.0 0.4 0.6

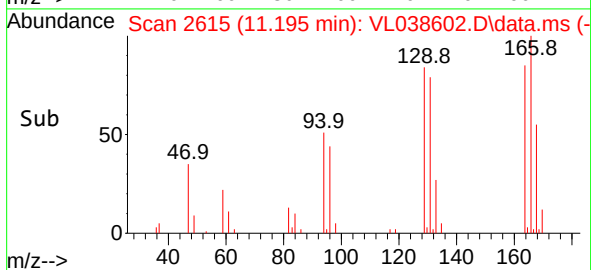
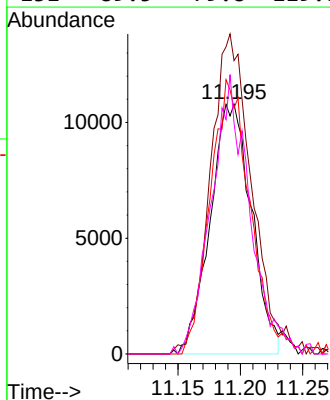
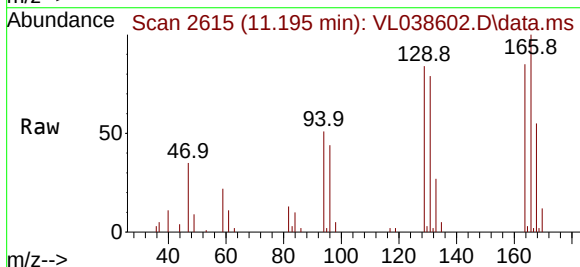
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APPROVED

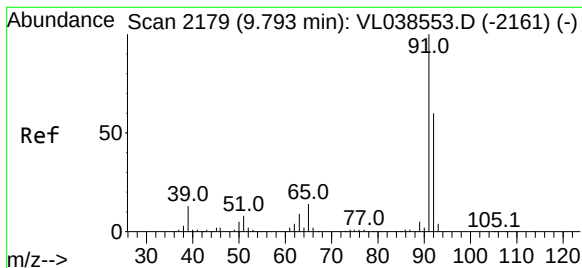
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#52
Tetrachloroethene
Concen: 0.374 ppbv
RT: 11.195 min Scan# 2615
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion:164 Resp: 24718
Ion Ratio Lower Upper
164 100
166 110.2 103.4 155.2
129 99.0 81.3 121.9
131 89.5 79.8 119.8





#53

Toluene

Concen: 0.306 ppbv

RT: 9.774 min Scan# 2173

Delta R.T. -0.019 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 91 Resp: 58878

Ion Ratio Lower Upper

91 100

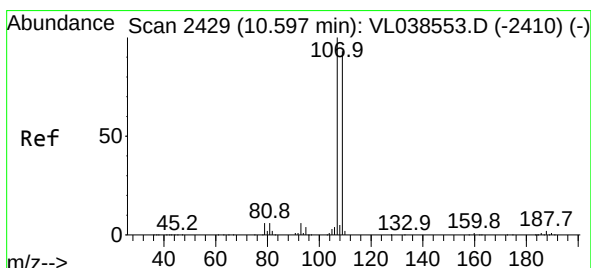
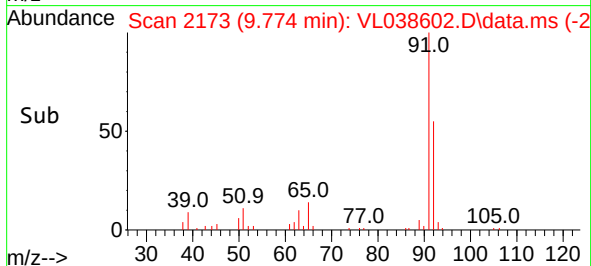
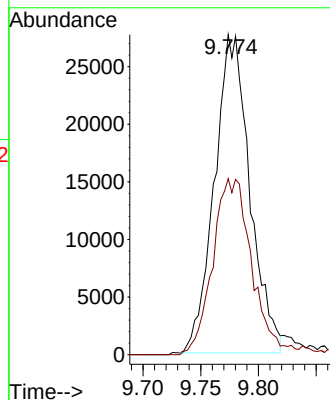
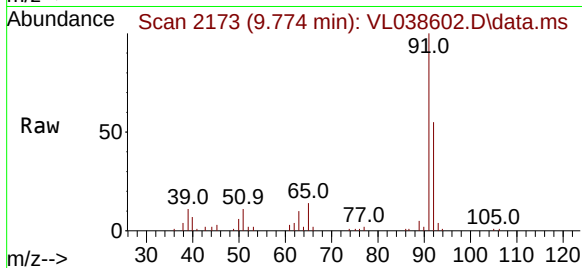
92 62.2 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#54

1,2-Dibromoethane

Concen: 0.384 ppbv m

RT: 10.578 min Scan# 2423

Delta R.T. -0.019 min

Lab File: VL038602.D

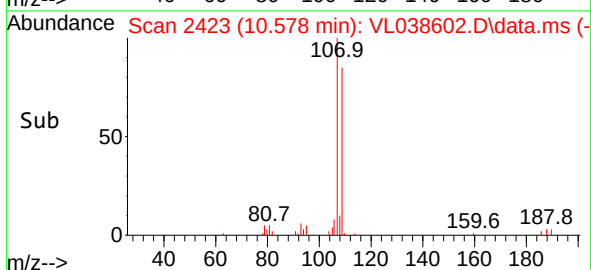
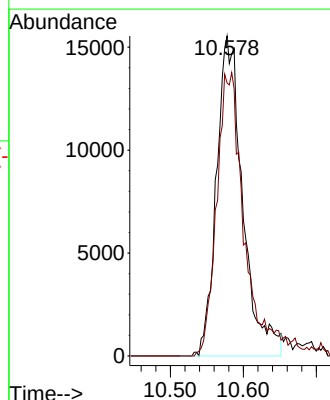
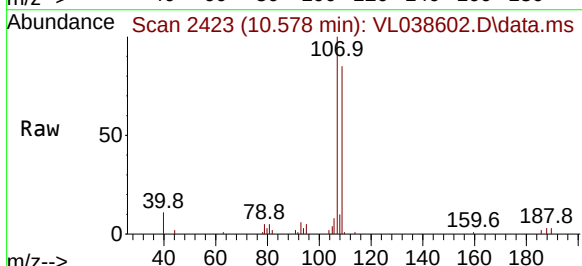
Acq: 14 Mar 2022 18:52

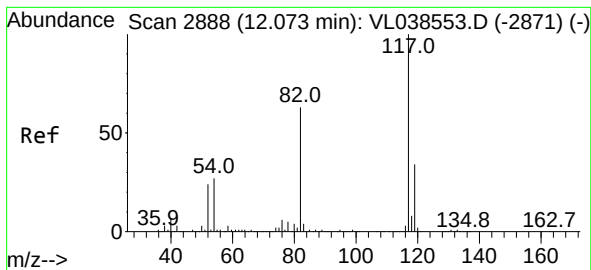
Tgt Ion:107 Resp: 38818

Ion Ratio Lower Upper

107 100

109 85.3 74.6 112.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.053 min Scan# 2882

Delta R.T. -0.019 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

Tgt Ion:117 Resp: 177962

Ion Ratio Lower Upper

117 100

82 64.6 52.5 78.7

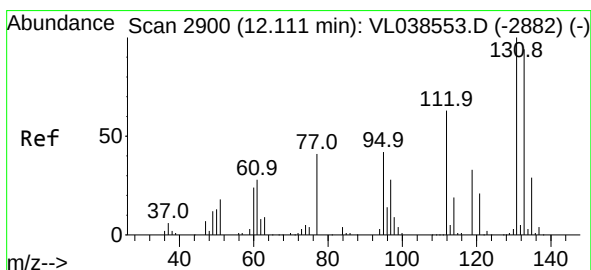
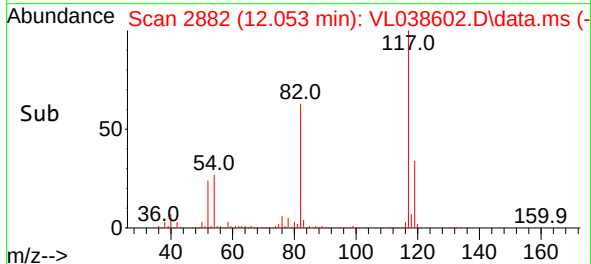
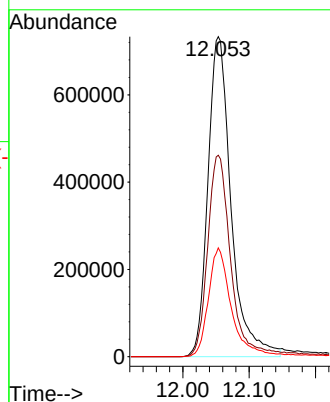
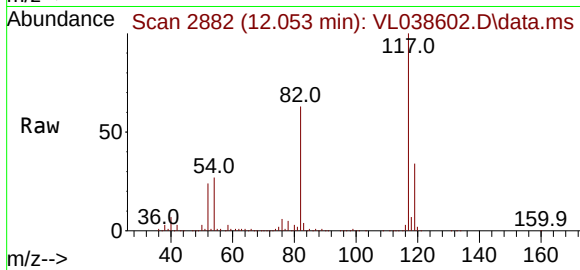
119 35.1 46.4 69.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.510 ppbv

RT: 12.089 min Scan# 2893

Delta R.T. -0.022 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

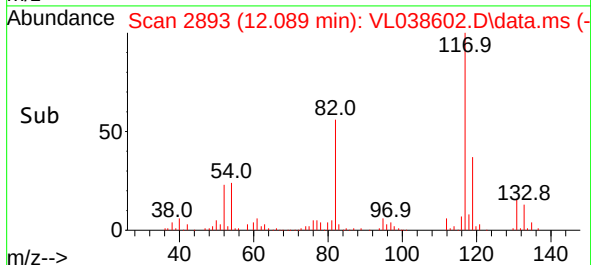
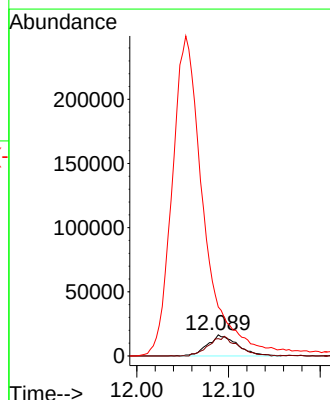
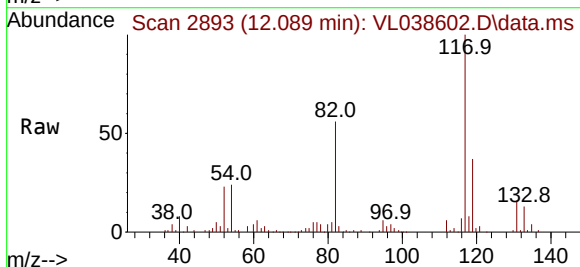
Tgt Ion:131 Resp: 36980

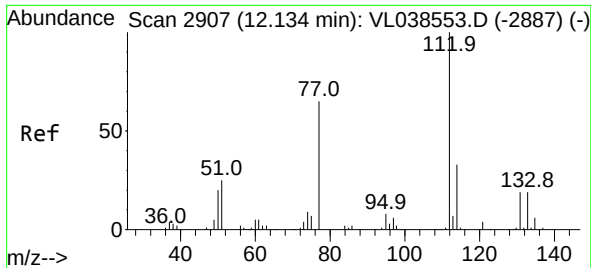
Ion Ratio Lower Upper

131 100

133 92.3 78.0 117.0

119 1672.2 53.1 79.7#





#57

Chlorobenzene

Concen: 0.479 ppbv

RT: 12.115 min Scan# 2907

Delta R.T. -0.019 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

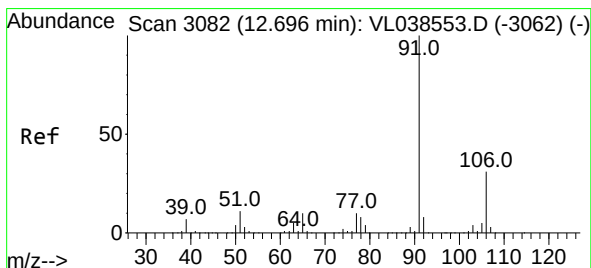
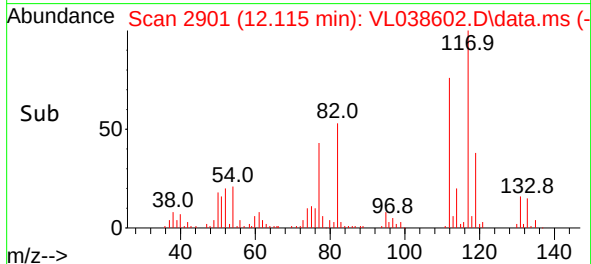
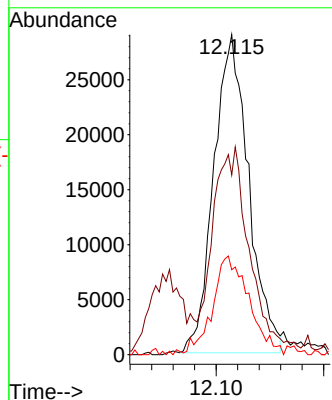
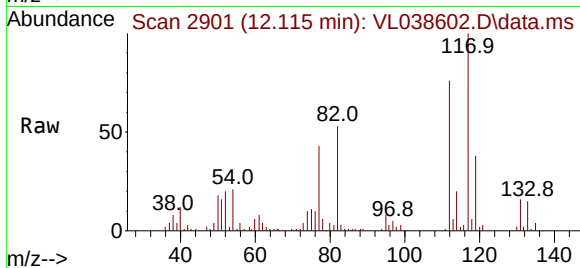
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:112	Resp:	6502
Ion Ratio	Lower	Upper
112	100	
77	51.5	52.5 78.7
114	25.7	30.0 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58

Ethyl Benzene

Concen: 0.333 ppbv

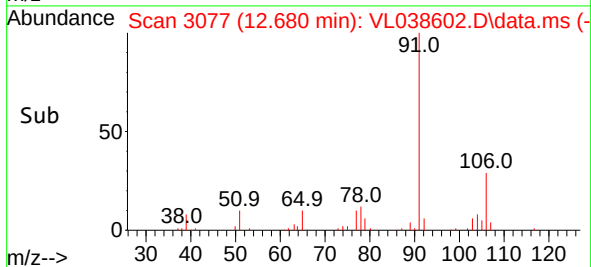
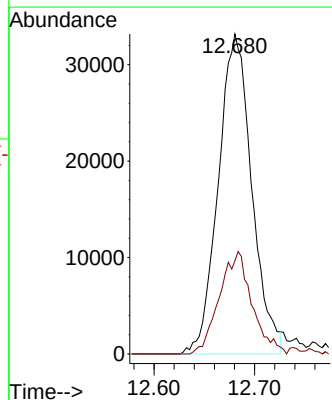
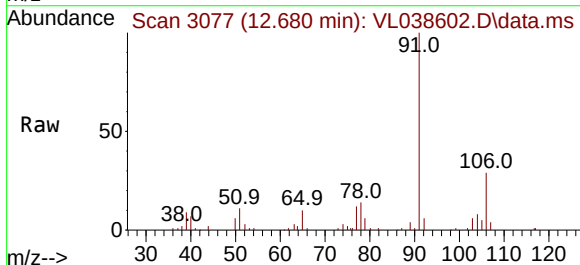
RT: 12.680 min Scan# 3077

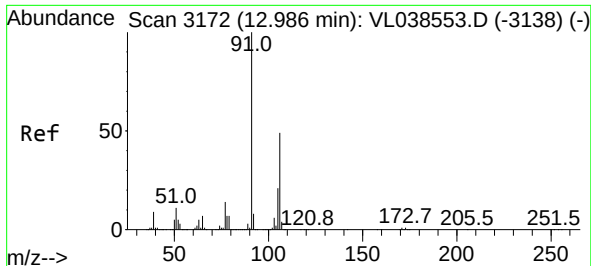
Delta R.T. -0.016 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Tgt Ion: 91	Resp:	76690
Ion Ratio	Lower	Upper
91	100	
106	29.1	24.6 37.0





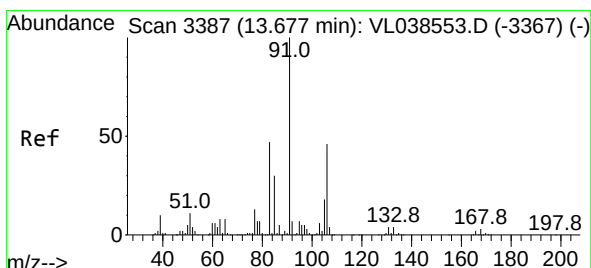
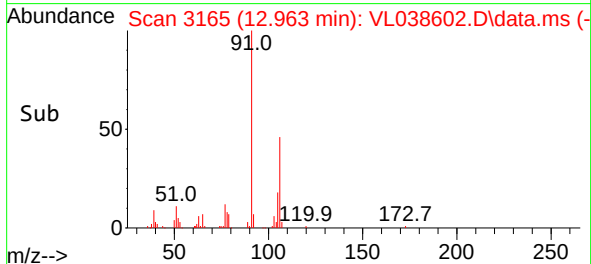
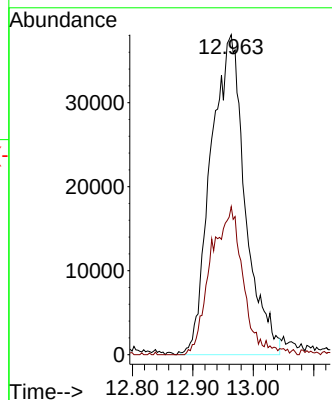
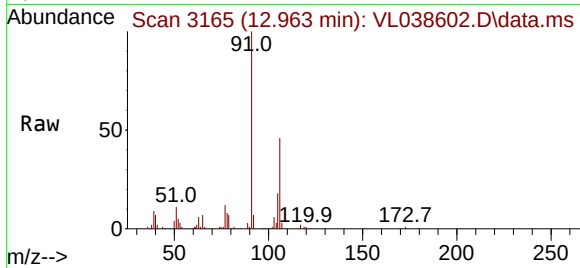
#59
m/p-Xylene
Concen: 0.761 ppbv m
RT: 12.963 min Scan# 3172
Delta R.T. -0.022 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 91 Resp: 15012
Ion Ratio Lower Upper
91 100
106 43.7 37.1 55.7

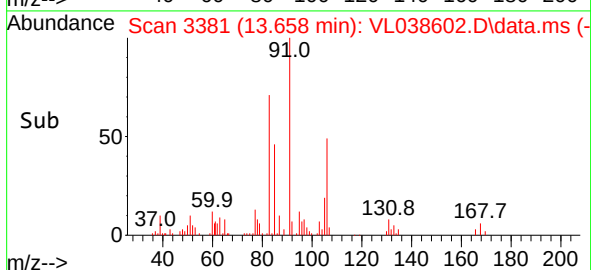
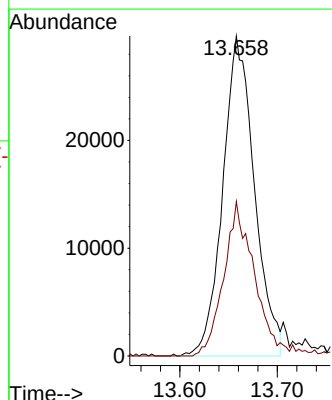
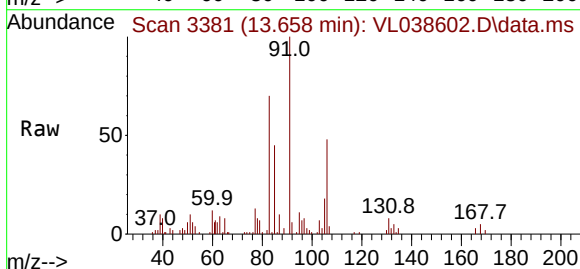
Manual Integrations
APPROVED

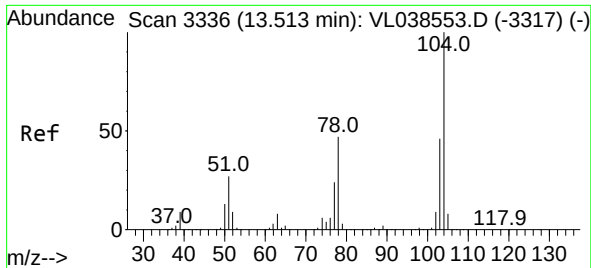
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#60
o-Xylene
Concen: 0.359 ppbv
RT: 13.658 min Scan# 3381
Delta R.T. -0.019 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion: 91 Resp: 66913
Ion Ratio Lower Upper
91 100
106 48.3 23.5 70.6





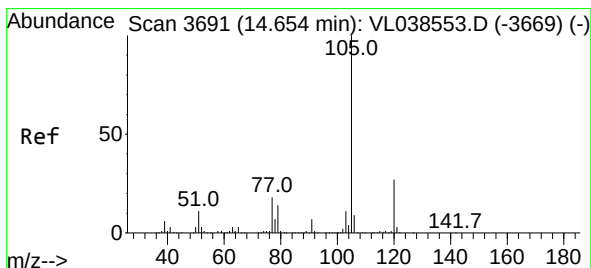
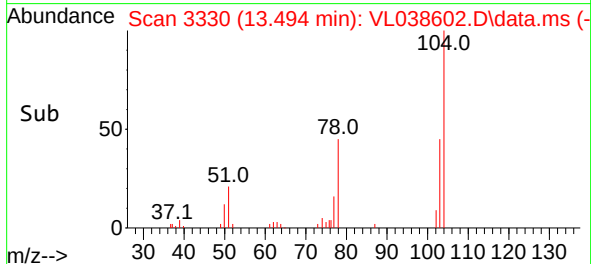
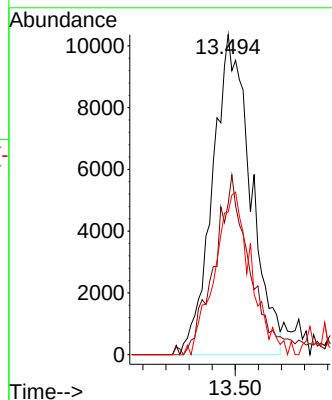
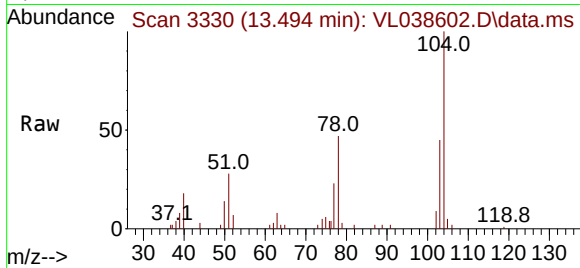
#61
Styrene
Concen: 0.258 ppbv
RT: 13.494 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:104 Resp: 2368
Ion Ratio Lower Upper
104 100
78 53.7 39.0 58.4
103 48.9 38.0 57.0

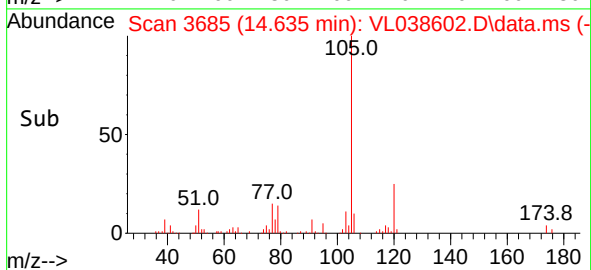
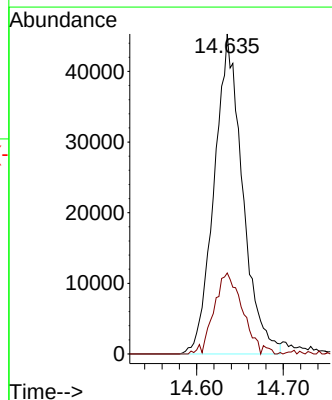
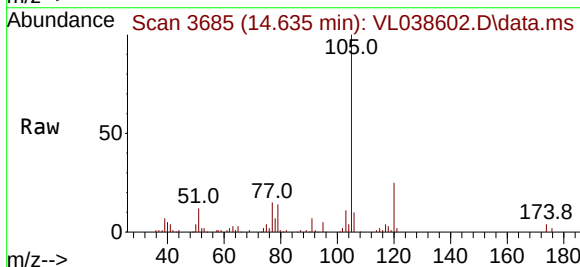
Manual Integrations
APPROVED

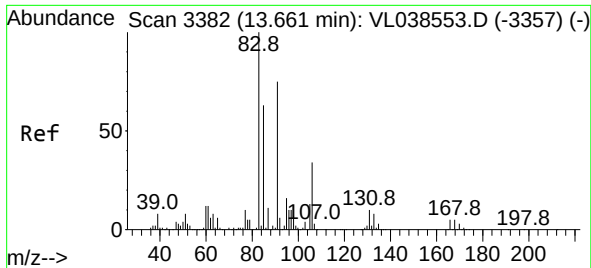
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62
Isopropylbenzene
Concen: 0.401 ppbv
RT: 14.635 min Scan# 3685
Delta R.T. -0.019 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion:105 Resp: 103101
Ion Ratio Lower Upper
105 100
120 25.6 21.2 31.8





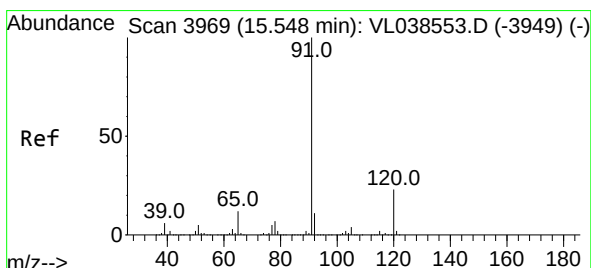
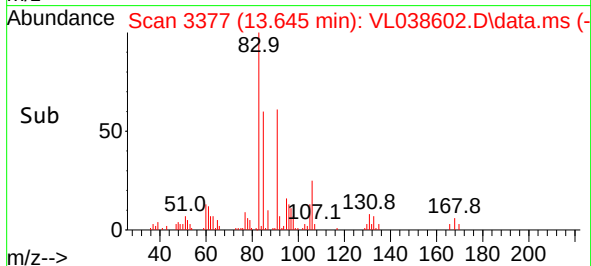
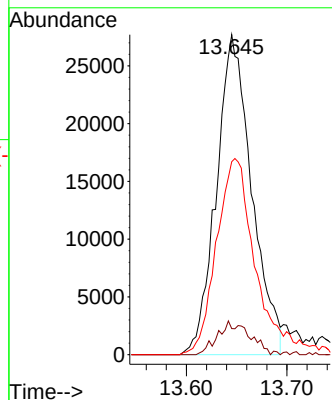
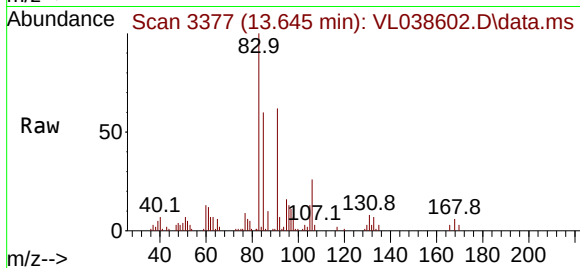
#63
1,1,2,2-Tetrachloroethane
Concen: 0.430 ppbv
RT: 13.645 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 83 Resp: 6761
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 68.8 32.6 98.0

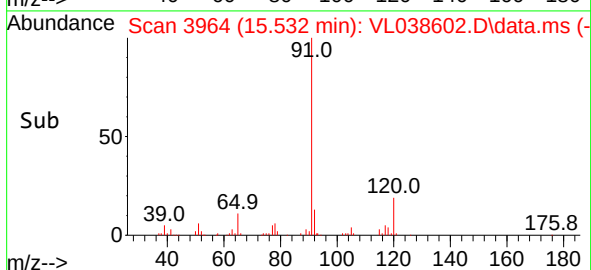
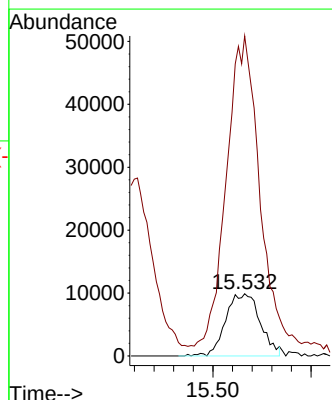
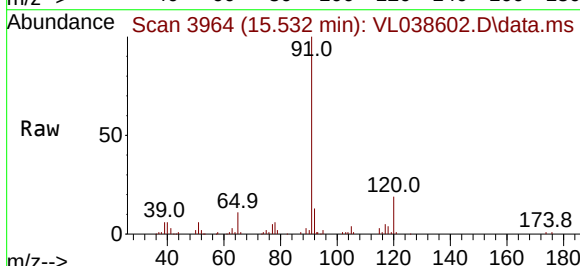
Manual Integrations
APPROVED

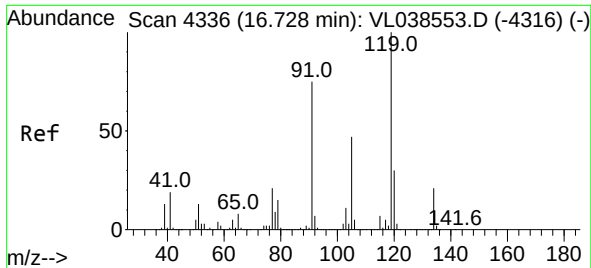
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#64
n-propylbenzene
Concen: 0.368 ppbv m
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

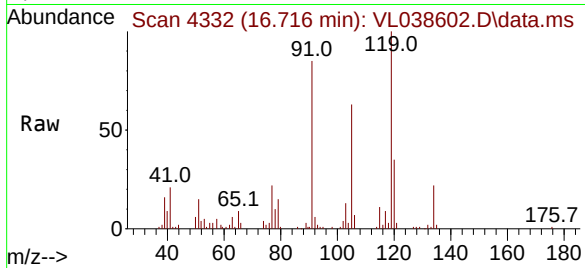
Tgt Ion:120 Resp: 24085
Ion Ratio Lower Upper
120 100
91 540.9 374.2 561.2





#65
tert-Butylbenzene
Concen: 0.373 ppbv
RT: 16.716 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

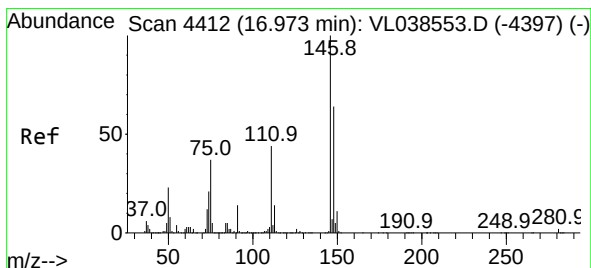
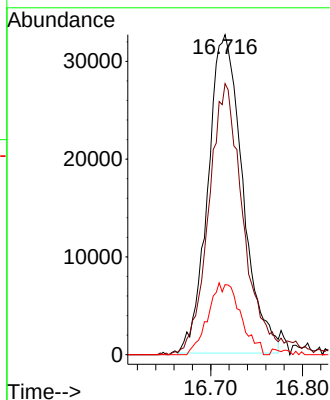
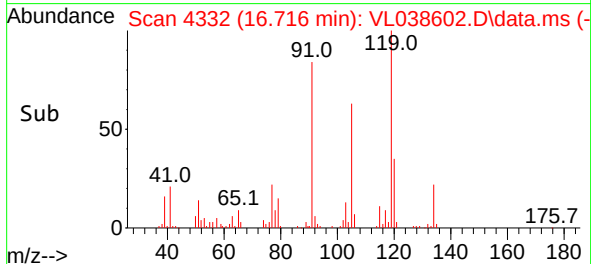
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



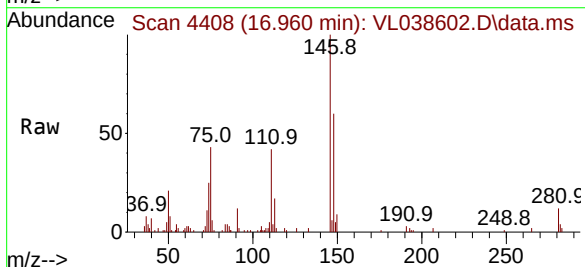
Tgt Ion: 119 Resp: 85619
Ion Ratio Lower Upper
119 100
91 86.6 61.2 91.8
134 21.9 16.2 24.2

Manual Integrations
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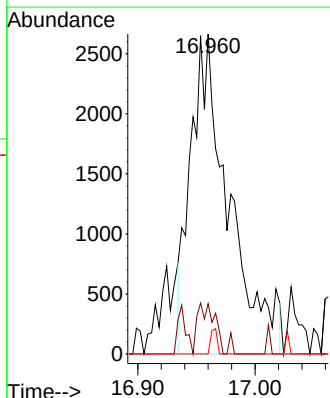
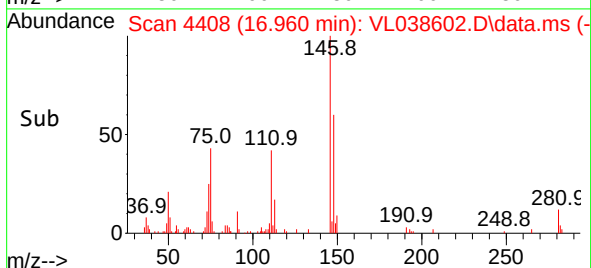
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

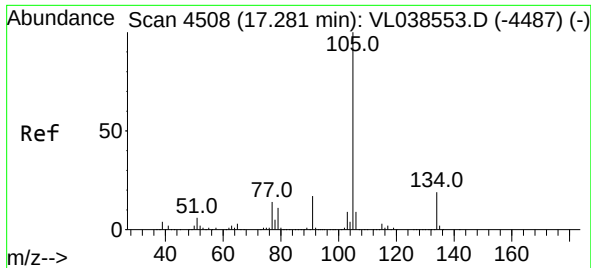


#66
Benzyl Chloride
Concen: 0.443 ppbv m
RT: 16.960 min Scan# 4408
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52



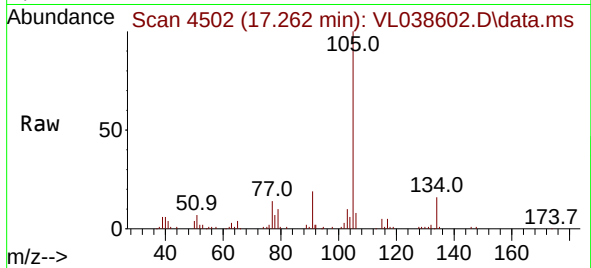
Tgt Ion: 91 Resp: 6035
Ion Ratio Lower Upper
91 100
126 3.2 14.1 21.1#
128 0.0 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.379 ppbv
 RT: 17.262 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

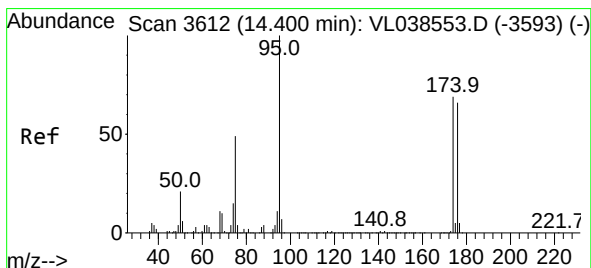
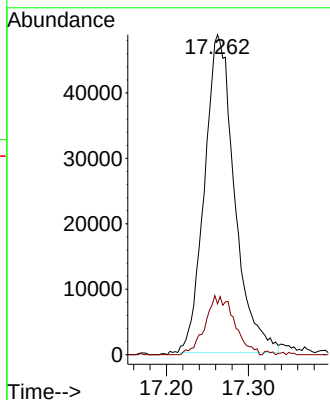
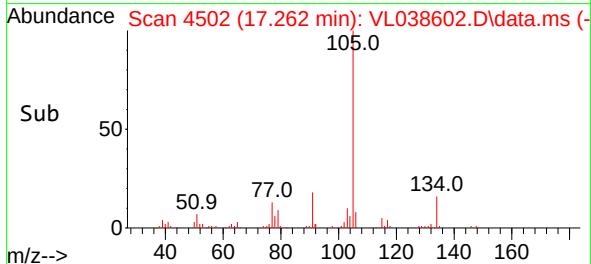
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



Tgt Ion:105 Resp: 123754
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.0 22.6

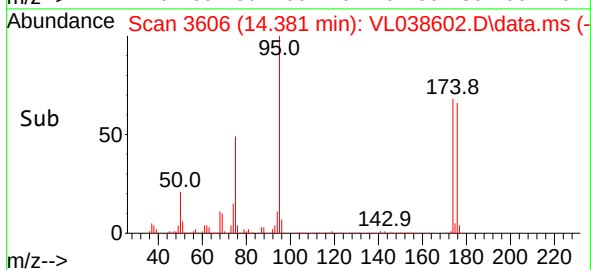
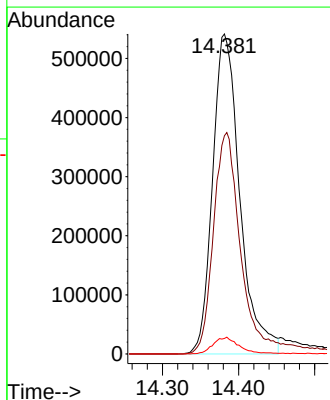
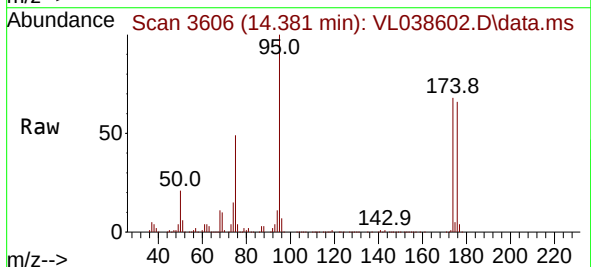
Manual Integrations
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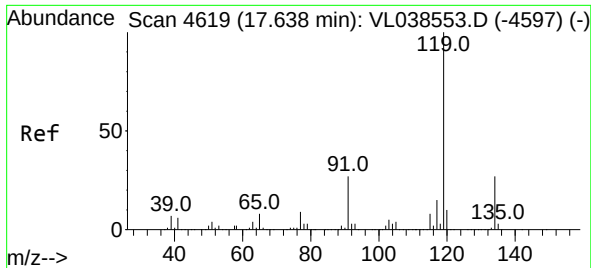
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.973 ppbv
 RT: 14.381 min Scan# 3606
 Delta R.T. -0.019 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

Tgt Ion: 95 Resp: 1349393
 Ion Ratio Lower Upper
 95 100
 174 73.3 56.2 84.4
 175 5.2 4.2 6.2





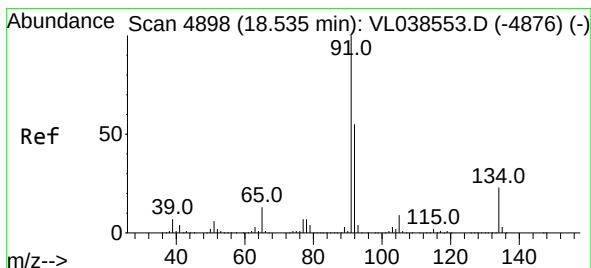
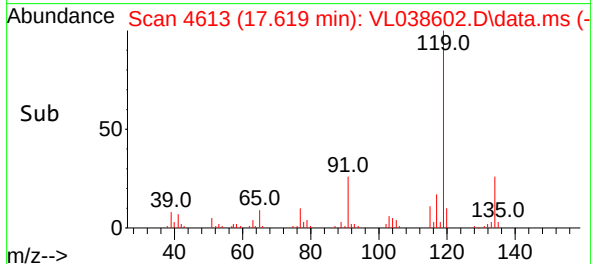
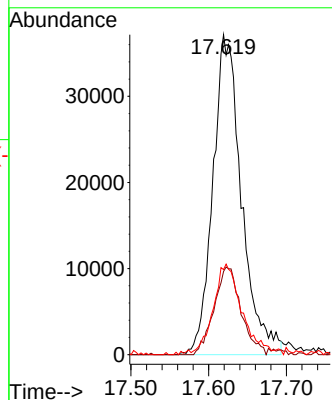
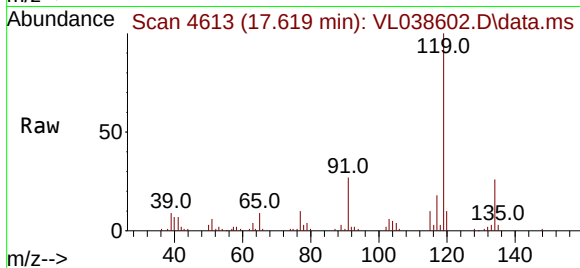
#69
p-Isopropyltoluene
Concen: 0.351 ppbv m
RT: 17.619 min Scan# 4613
Delta R.T. -0.019 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:	119	Resp:	95080
Ion Ratio	Lower	Upper	
119	100		
134	0.0	20.9	31.3#
91	0.0	21.1	31.7#

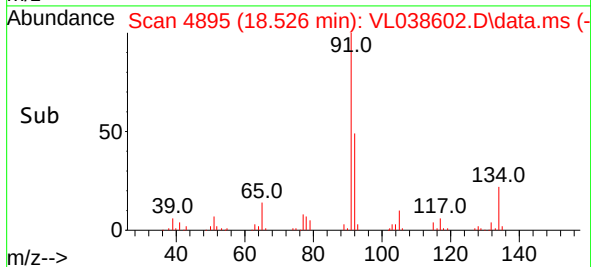
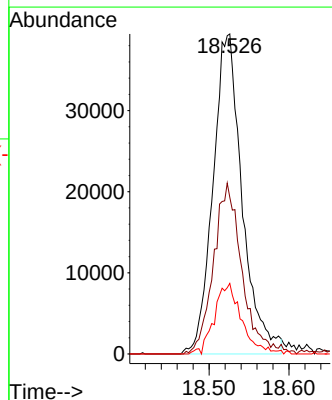
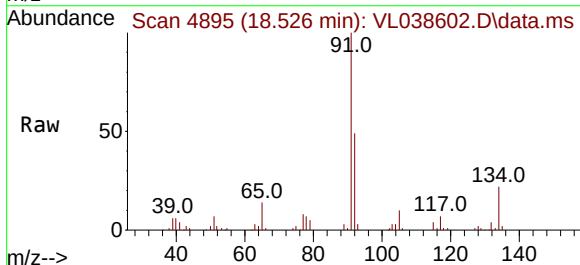
Manual Integrations
APPROVED

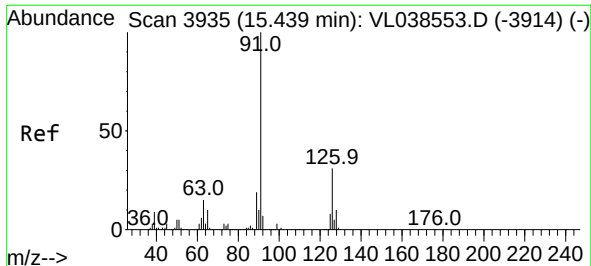
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
n-Butylbenzene
Concen: 0.348 ppbv m
RT: 18.526 min Scan# 4895
Delta R.T. -0.009 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Tgt Ion:	91	Resp:	100221
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.8	65.8#
134	0.0	18.7	28.1#





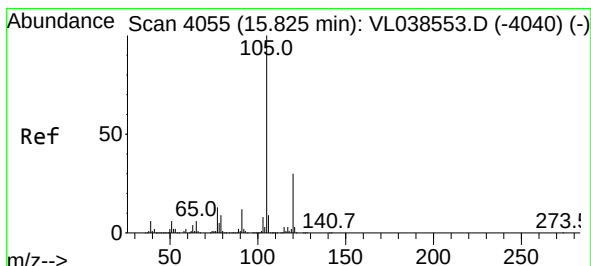
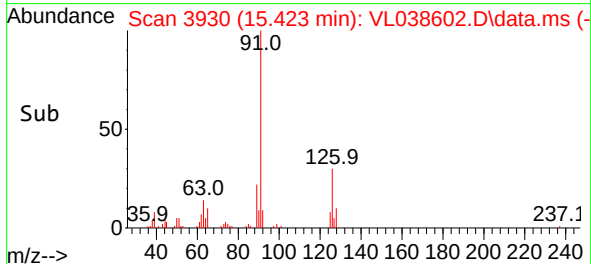
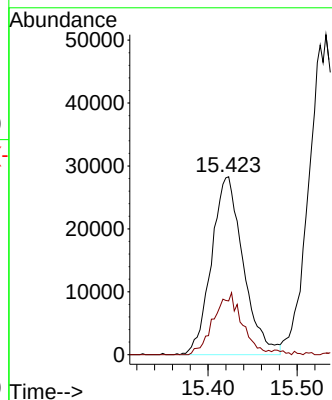
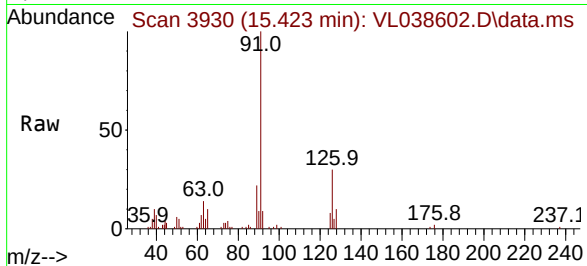
#71
2-Chlorotoluene
Concen: 0.367 ppbv
RT: 15.423 min Scan# 3935
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022

Tgt Ion: 91 Resp: 70129
Ion Ratio Lower Upper
91 100
126 32.2 12.9 51.7

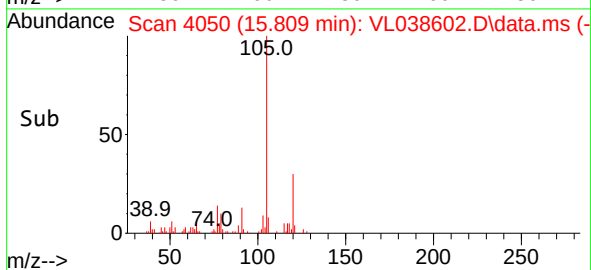
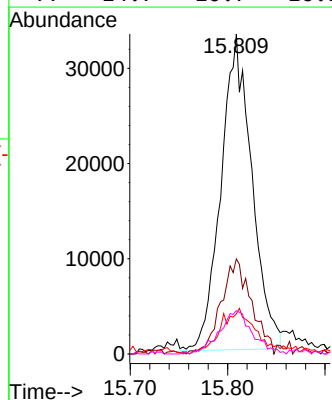
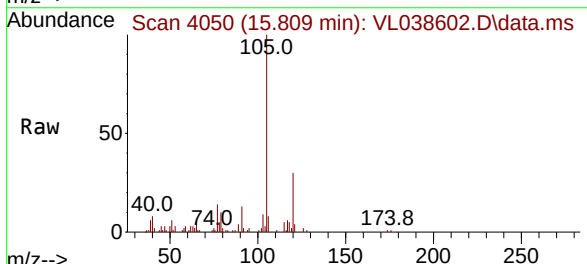
Manual Integrations
APPROVED

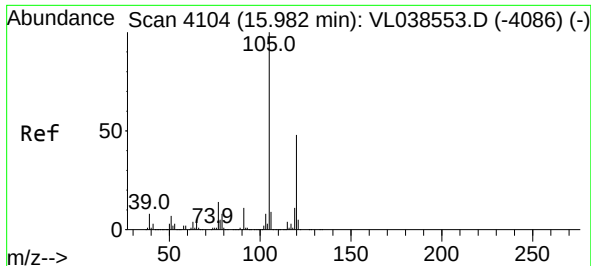
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
4-Ethyltoluene
Concen: 0.341 ppbv
RT: 15.809 min Scan# 4050
Delta R.T. -0.016 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

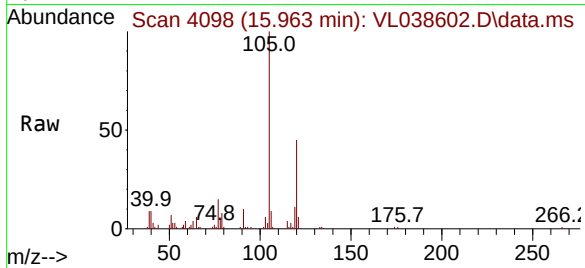
Tgt Ion:105 Resp: 73029
Ion Ratio Lower Upper
105 100
120 32.2 25.0 37.4
91 18.2 9.8 14.6#
77 14.7 10.7 16.1





#73
 1,3,5-Trimethylbenzene
 Concen: 0.331 ppbv
 RT: 15.963 min Scan# 4098
 Delta R.T. -0.019 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52

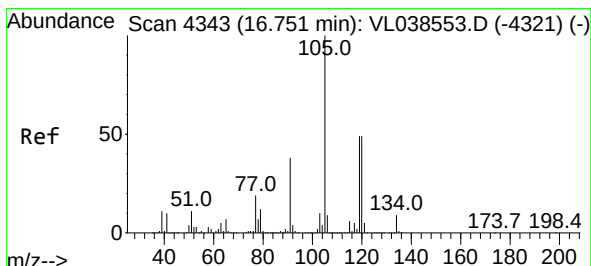
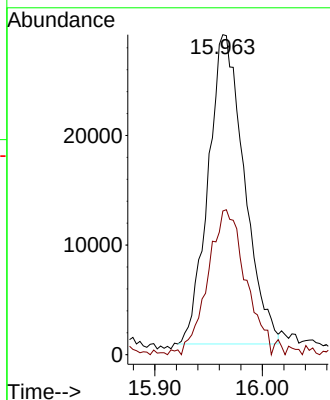
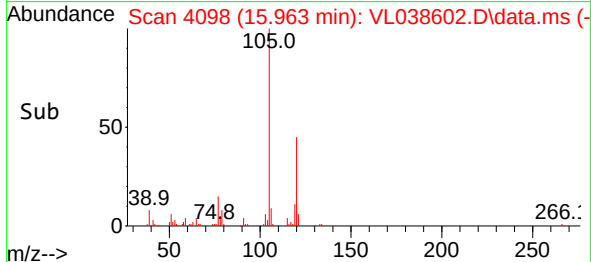
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



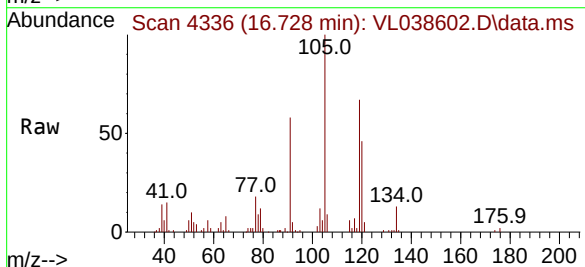
Tgt Ion:105 Resp: 65648
 Ion Ratio Lower Upper
 105 100
 120 44.9 38.3 57.5

Manual Integrations
 APPROVED

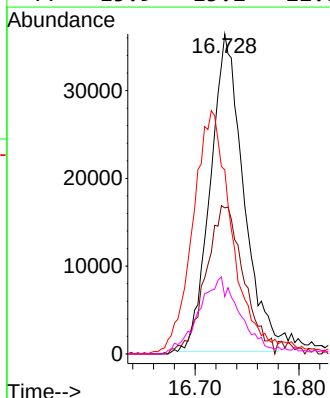
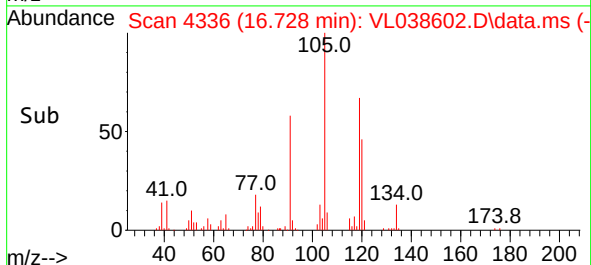
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

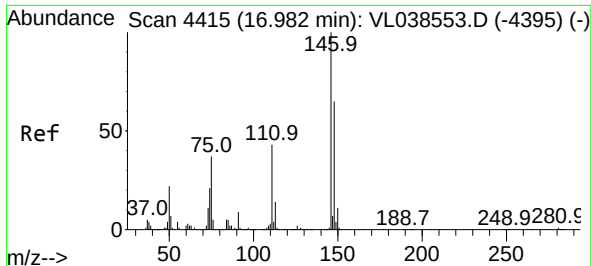


#74
 1,2,4-Trimethylbenzene
 Concen: 0.376 ppbv
 RT: 16.728 min Scan# 4336
 Delta R.T. -0.022 min
 Lab File: VL038602.D
 Acq: 14 Mar 2022 18:52



Tgt Ion:105 Resp: 79767
 Ion Ratio Lower Upper
 105 100
 120 43.3 38.9 58.3
 91 54.8 30.6 46.0#
 77 15.9 15.2 22.8





#75

1,3-Dichlorobenzene

Concen: 0.422 ppbv m

RT: 16.966 min Scan# 4415

Delta R.T. -0.016 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

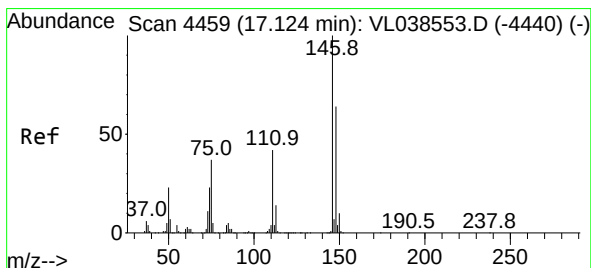
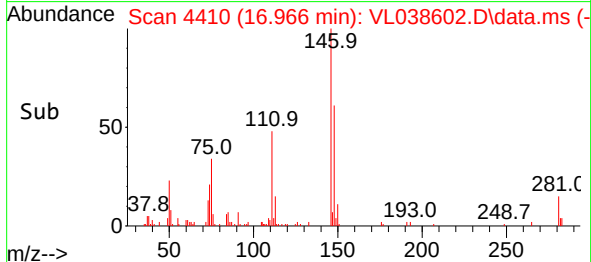
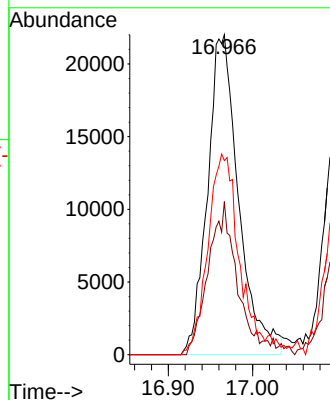
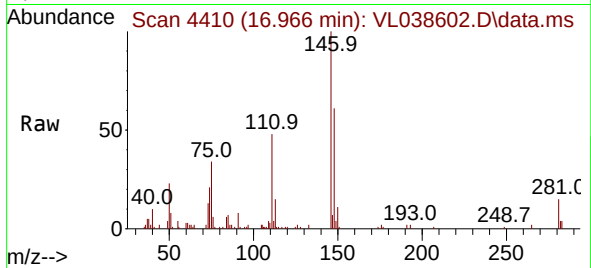
Tgt Ion:	146	Resp:	5645
Ion Ratio	Lower	Upper	
146	100		
111	0.0	21.9	65.8
148	64.7	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#76

1,4-Dichlorobenzene

Concen: 0.419 ppbv m

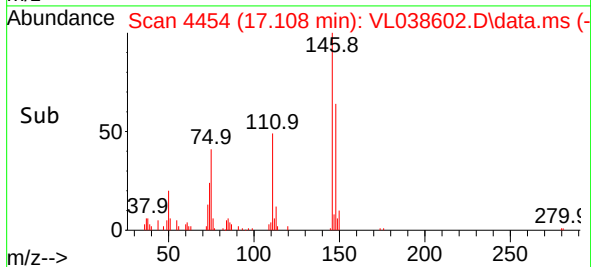
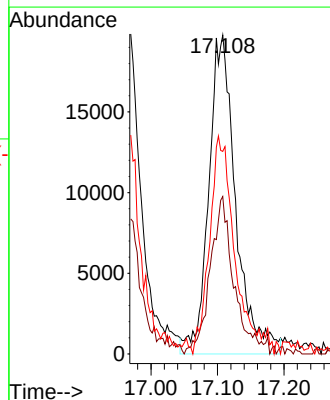
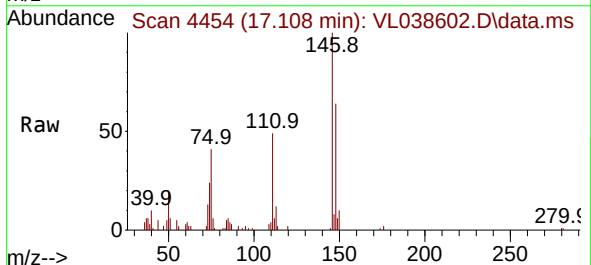
RT: 17.108 min Scan# 4454

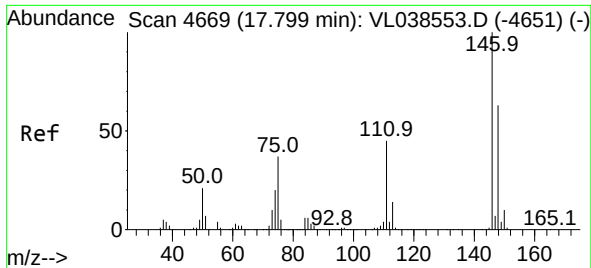
Delta R.T. -0.016 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

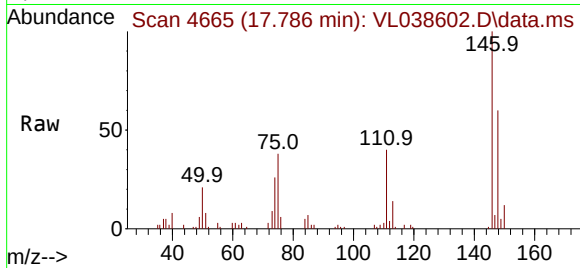
Tgt Ion:	146	Resp:	55580
Ion Ratio	Lower	Upper	
146	100		
111	0.0	21.8	65.3
148	65.8	32.8	98.4





#77
1,2-Dichlorobenzene
Concen: 0.449 ppbv m
RT: 17.786 min Scan# 4665
Delta R.T. -0.013 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52

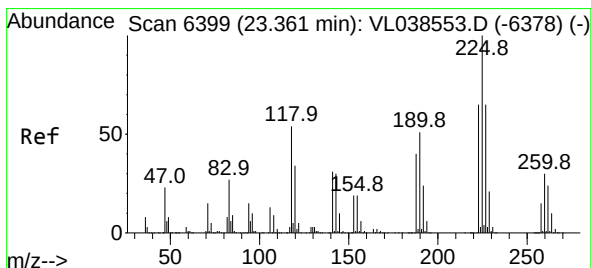
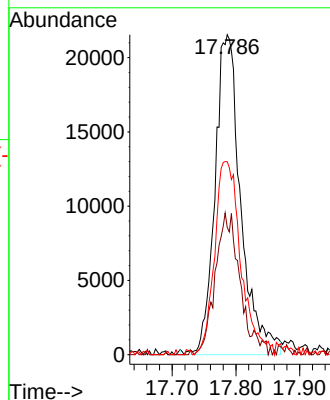
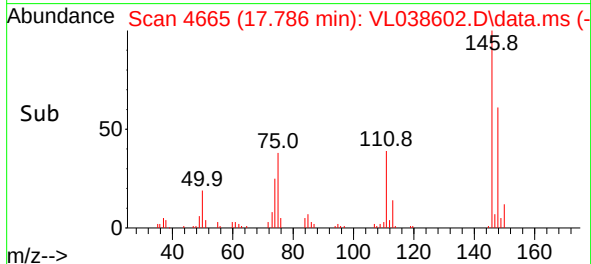
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



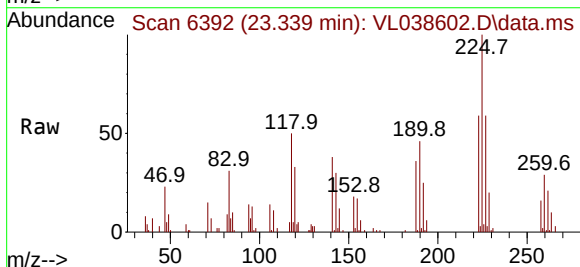
Tgt Ion:146 Resp: 6078
Ion Ratio Lower Upper
146 100
111 0.0 23.2 69.5
148 0.0 32.6 98.0

Manual Integrations
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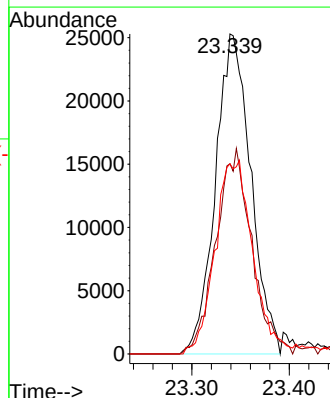
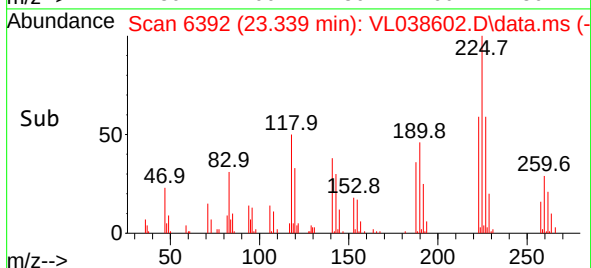
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

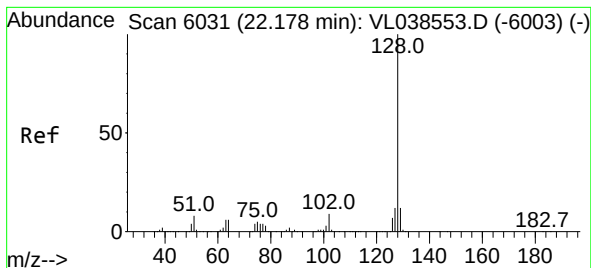


#78
Hexachloro-1,3-Butadiene
Concen: 0.483 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.022 min
Lab File: VL038602.D
Acq: 14 Mar 2022 18:52



Tgt Ion:225 Resp: 63786
Ion Ratio Lower Upper
225 100
223 64.9 51.4 77.0
227 65.7 51.9 77.9





#79

Naphthalene

Concen: 0.245 ppbv m

RT: 22.159 min Scan# 6031

Delta R.T. -0.019 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

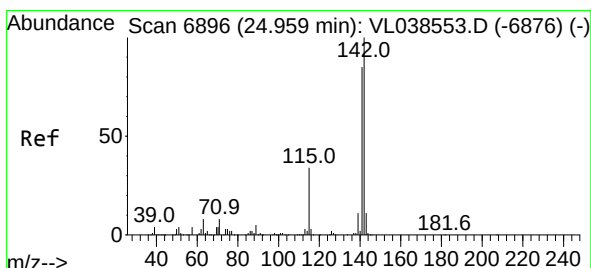
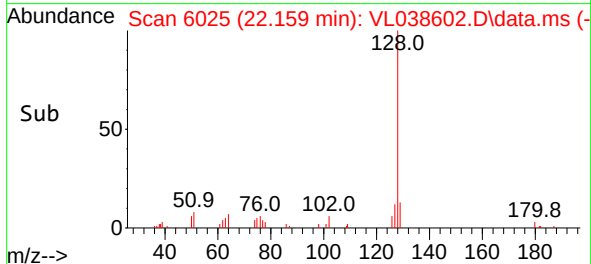
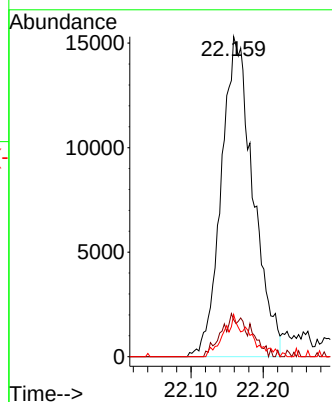
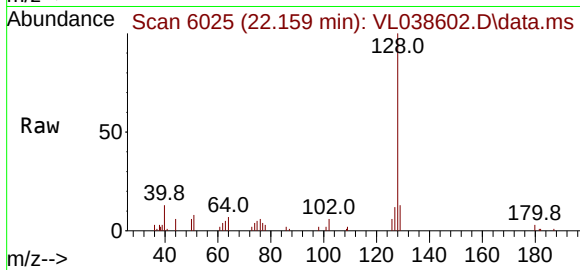
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:128	Resp:	46860
Ion Ratio	Lower	Upper
128	100	
127	11.5	9.9 14.9
129	13.1	9.3 13.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80

Naphthalene,2-methyl-

Concen: 0.140 ppbv m

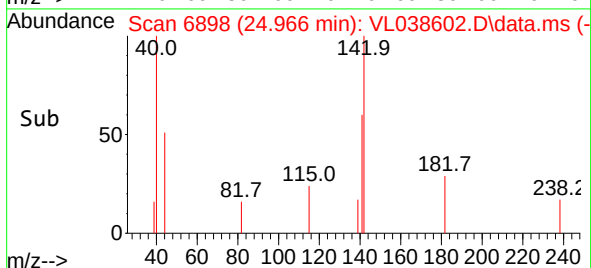
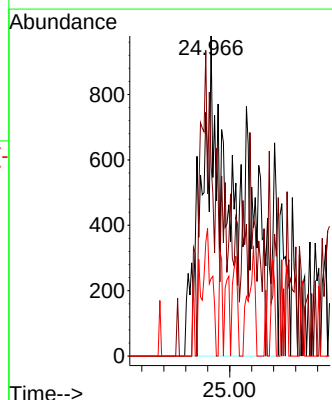
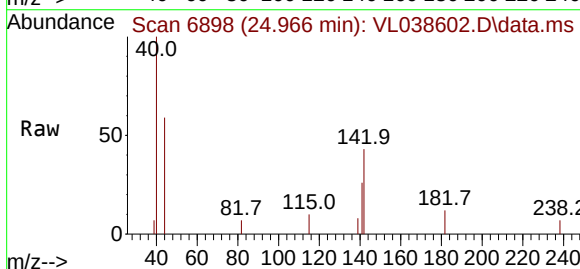
RT: 24.966 min Scan# 6898

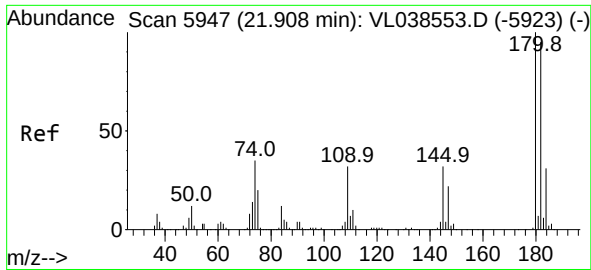
Delta R.T. 0.007 min

Lab File: VL038602.D

Acq: 14 Mar 2022 18:52

Tgt Ion:142	Resp:	4707
Ion Ratio	Lower	Upper
142	100	
141	9.3	68.4 102.6#
115	3.8	27.9 41.9#





#81

1,2,4-Trichlorobenzene

Concen: 0.304 ppbv m

RT: 21.902 min Scan# 5945

Delta R.T. -0.006 min

Lab File: VL038602.D

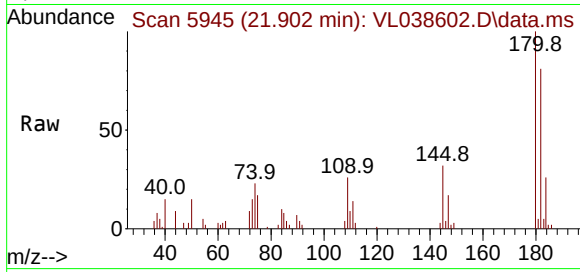
Acq: 14 Mar 2022 18:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022



Tgt Ion:180 Resp: 37058

Ion Ratio Lower Upper

180 100

182 0.0 79.1 118.7

184 0.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022

