

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038603.D
 Acq On : 14 Mar 2022 19:28
 Operator : SY/AP
 Sample : N1645-13 0.45 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 01:43:21 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 01:43:21 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	773059	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.150	114	2035750	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.053	117	1802738	10.000	ppbv	#-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.381	95	1390216	10.143	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 101.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.041	85	65018	0.557	ppbv	96
3) Chlorodifluoromethane	2.976	51	74635	0.548	ppbv	100
4) Chloromethane	3.131	50	28892	0.572	ppbv	97
5) Vinyl Chloride	3.243	62	23892	0.471	ppbv	92
6) Bromomethane	3.465	94	14263m	0.524	ppbv	
7) Chloroethane	3.549	64	8535	0.520	ppbv	90
8) Dichlorotetrafluoroethane	3.179	85	70533	0.623	ppbv	94
9) Propene	3.002	41	23419	0.487	ppbv	97
10) Heptane	8.095	43	48116	0.418	ppbv	90
11) Trichlorofluoromethane	3.935	101	53838	0.526	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.472	101	44642	0.561	ppbv	97
13) Ethanol	3.613	45	4434m	0.803	ppbv	
14) Bromoethene	3.722	108	17733	0.523	ppbv	91
15) Acetone	3.854	43	30559	0.560	ppbv	92
16) 1,3-Butadiene	3.320	39	21702	0.495	ppbv	95
17) tert-Butyl alcohol	4.298	59	30124m	0.508	ppbv	
18) 1,1-Dichloroethene	4.269	96	19445	0.546	ppbv #	81
19) Isopropyl Alcohol	3.973	45	21170m	0.581	ppbv	
20) Methylene Chloride	4.330	84	17848	0.544	ppbv	89
21) Allyl Chloride	4.398	41	23513	0.447	ppbv	86
22) trans-1,2-Dichloroethene	4.864	96	18083	0.484	ppbv	95
23) Vinyl Acetate	5.063	43	29386	0.376	ppbv #	88
24) 1,1-Dichloroethane	4.989	63	39019	0.549	ppbv	97
25) Ethyl Acetate	5.668	43	86839	0.473	ppbv	97
26) Hexane	5.668	57	41340	0.479	ppbv	90
27) Carbon Disulfide	4.529	76	39609	0.461	ppbv #	90
28) Methyl tert-Butyl Ether	5.031	73	34030	0.485	ppbv	97
29) Chloroform	5.726	83	68158	0.508	ppbv	96
30) Cyclohexane	7.111	84	33205m	0.445	ppbv	
31) cis-1,2-Dichloroethene	5.529	61	34896	0.423	ppbv	92
32) 1,1,1-Trichloroethane	6.484	97	64741	0.497	ppbv	98
34) 2-Butanone	5.240	43	28158m	0.534	ppbv	
35) Carbon Tetrachloride	6.996	117	68843	0.496	ppbv	95
36) Benzene	6.864	78	80166	0.436	ppbv	95
37) 1,2-Dichloroethane	6.279	62	44608	0.508	ppbv	100
38) Trichloroethene	7.803	130	31268	0.426	ppbv	93
39) 1,2-Dichloropropane	7.584	63	32246	0.456	ppbv	94
40) 1,4-Dioxane	7.841	88	8516m	0.482	ppbv	
41) Tetrahydrofuran	6.053	42	15071m	0.349	ppbv	
42) Bromodichloromethane	7.764	83	65501	0.471	ppbv	99
43) Methyl Methacrylate	7.999	69	21313	0.338	ppbv #	93
44) 2,2,4-Trimethylpentane	7.844	57	137756	0.444	ppbv #	92
45) t-1,3-Dichloropropene	9.253	75	15145m	0.333	ppbv	

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

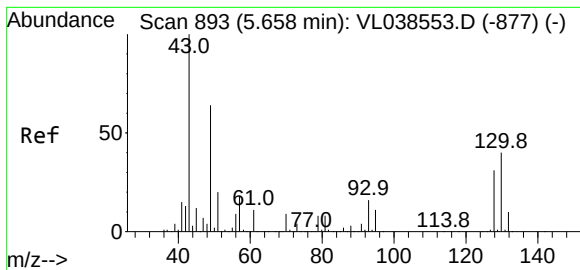
Quant Time: Mar 15 01:43:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
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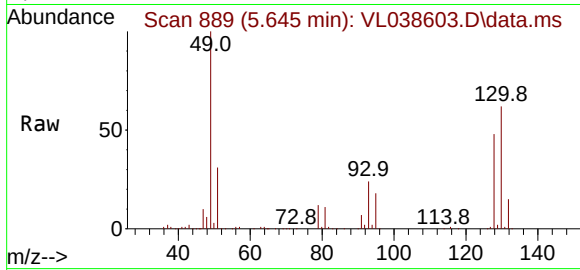
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.674	75	20848	0.336	ppbv	91
47) 1,1,2-Trichloroethane	9.446	97	34040	0.473	ppbv	90
48) Dibromochloromethane	10.275	129	48734	0.426	ppbv	97
49) Bromoform	13.008	173	39237	0.448	ppbv	97
50) 4-Methyl-2-Pentanone	8.741	43	33265	0.308	ppbv	90
51) 2-Hexanone	10.130	43	14556m	0.318	ppbv	
52) Tetrachloroethene	11.195	164	28565	0.424	ppbv	97
53) Toluene	9.780	91	72346	0.369	ppbv	99
54) 1,2-Dibromoethane	10.584	107	40559	0.394	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.095	131	41954m	0.571	ppbv	
57) Chlorobenzene	12.111	112	74246	0.539	ppbv #	91
58) Ethyl Benzene	12.680	91	90327	0.387	ppbv	98
59) m/p-Xylene	12.966	91	175148m	0.877	ppbv	
60) o-Xylene	13.661	91	78317	0.415	ppbv	99
61) Styrene	13.500	104	26011	0.280	ppbv #	87
62) Isopropylbenzene	14.638	105	123436	0.474	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.648	83	77776	0.488	ppbv	94
64) n-propylbenzene	15.532	120	28223	0.425	ppbv	72
65) tert-Butylbenzene	16.719	119	103850	0.446	ppbv	94
66) Benzyl Chloride	16.963	91	6072m	0.440	ppbv	
67) sec-Butylbenzene	17.265	105	150534	0.455	ppbv	98
69) p-Isopropyltoluene	17.625	119	113746m	0.415	ppbv	
70) n-Butylbenzene	18.519	91	117648	0.403	ppbv	98
71) 2-Chlorotoluene	15.416	91	79190	0.410	ppbv	98
72) 4-Ethyltoluene	15.805	105	87156	0.402	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.966	105	82007	0.408	ppbv	90
74) 1,2,4-Trimethylbenzene	16.728	105	96990	0.451	ppbv #	94
75) 1,3-Dichlorobenzene	16.966	146	61741	0.455	ppbv	93
76) 1,4-Dichlorobenzene	17.104	146	63026m	0.469	ppbv	
77) 1,2-Dichlorobenzene	17.789	146	65345	0.476	ppbv	96
78) Hexachloro-1,3-Butadiene	23.339	225	73030	0.546	ppbv	99
79) Naphthalene	22.162	128	53522	0.277	ppbv	96
80) Naphthalene,2-methyl-	25.024	142	4708m	0.138	ppbv	
81) 1,2,4-Trichlorobenzene	21.889	180	41528	0.336	ppbv	96

(#) = 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: VL038603.D
Acq: 14 Mar 2022 19:28

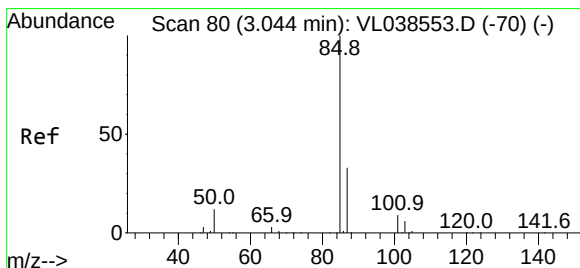
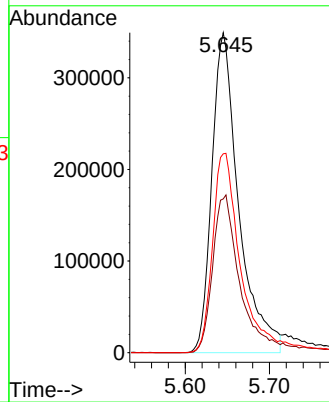
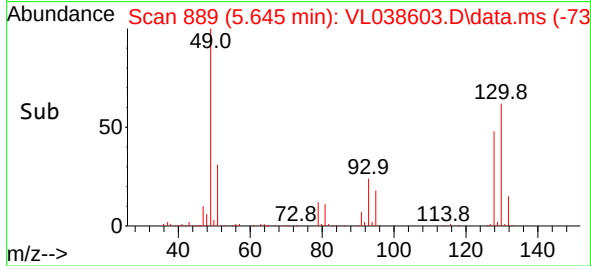
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 49 Resp: 77305
Ion Ratio Lower Upper
49 100
128 53.7 26.4 79.2
130 69.2 33.0 98.9

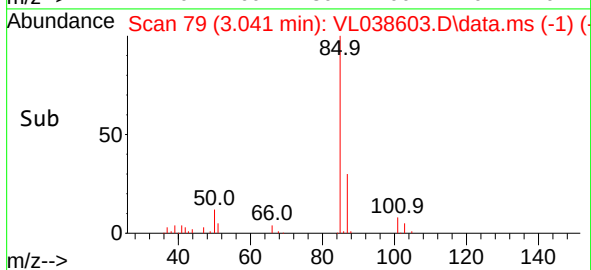
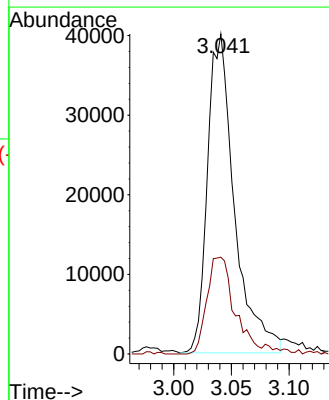
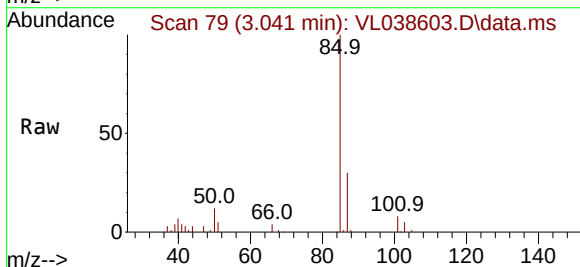
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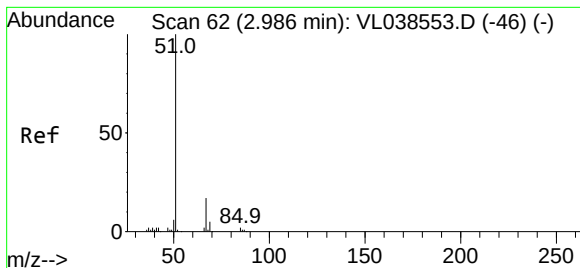
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 0.557 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.003 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

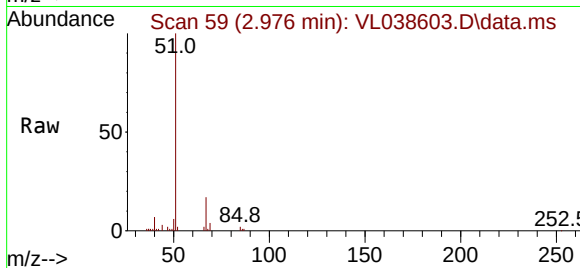
Tgt Ion: 85 Resp: 65018
Ion Ratio Lower Upper
85 100
87 30.3 26.2 39.2





#3
Chlorodifluoromethane
Concen: 0.548 ppbv
RT: 2.976 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

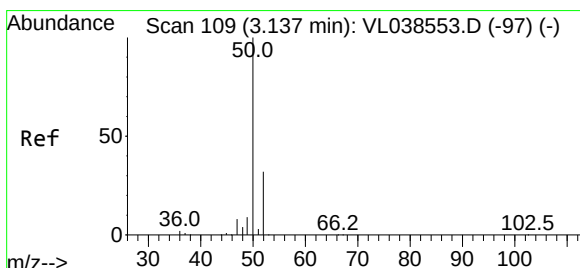
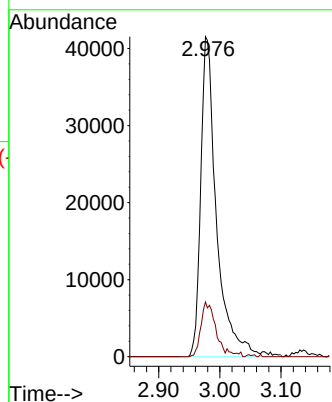
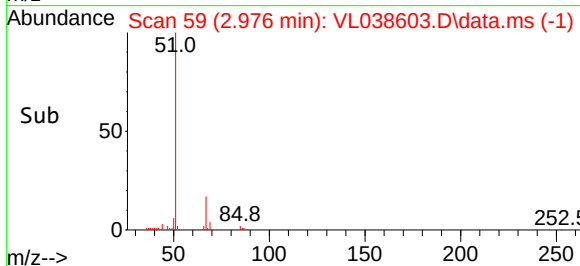
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 51 Resp: 7463
Ion Ratio Lower Upper
51 100
67 16.8 13.6 20.4

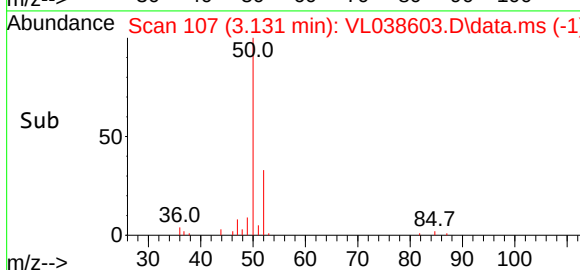
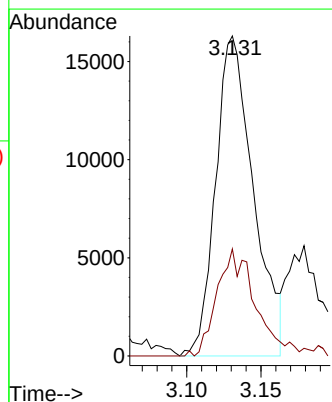
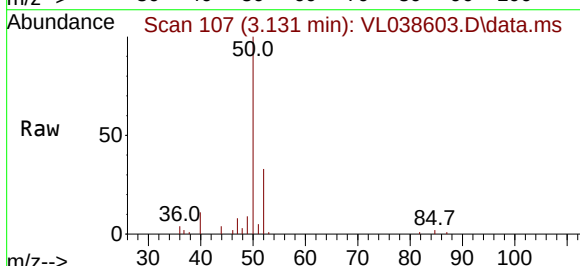
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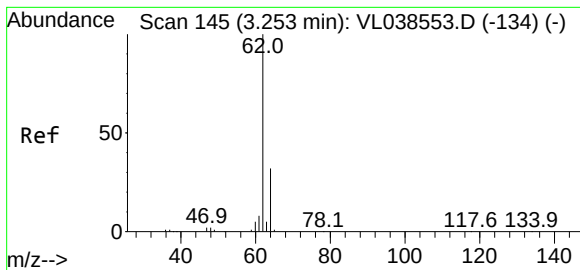
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Chloromethane
Concen: 0.572 ppbv
RT: 3.131 min Scan# 107
Delta R.T. -0.006 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

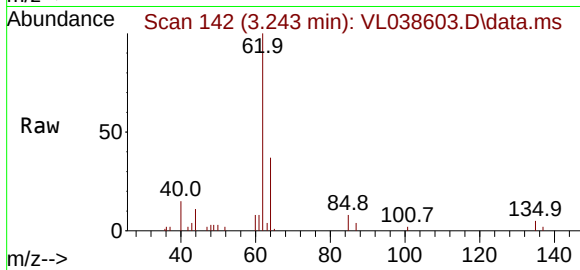
Tgt Ion: 50 Resp: 28892
Ion Ratio Lower Upper
50 100
52 33.5 25.6 38.4





#5
 Vinyl Chloride
 Concen: 0.471 ppbv
 RT: 3.243 min Scan# 145
 Delta R.T. -0.010 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

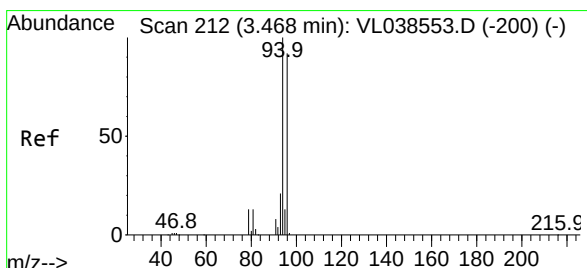
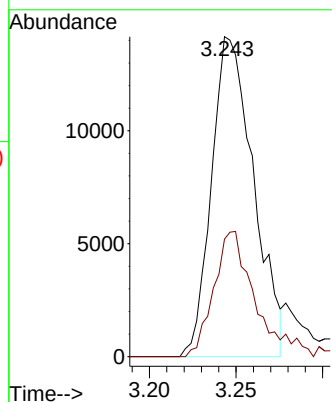
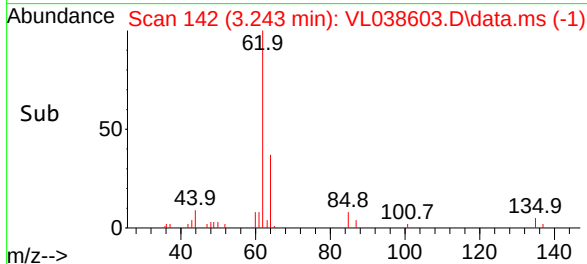
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 62 Resp: 2389
 Ion Ratio Lower Upper
 62 100
 64 36.8 25.8 38.6

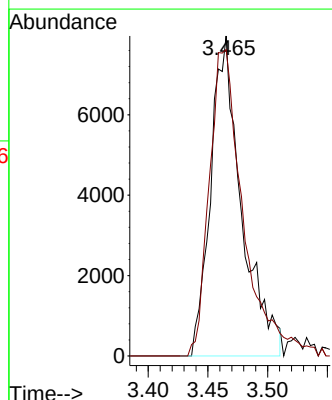
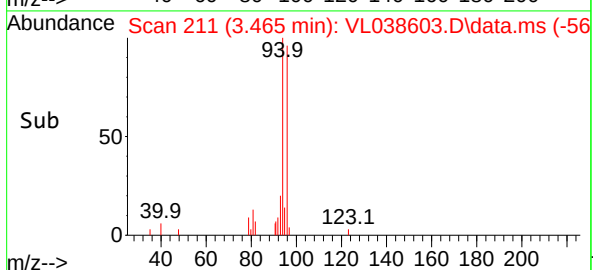
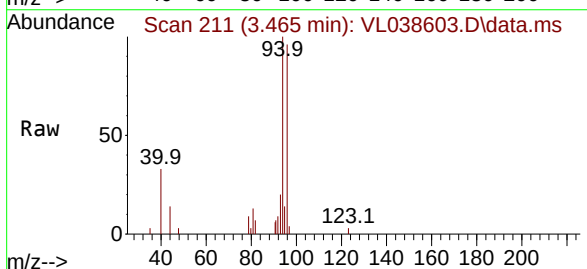
Manual Integrations
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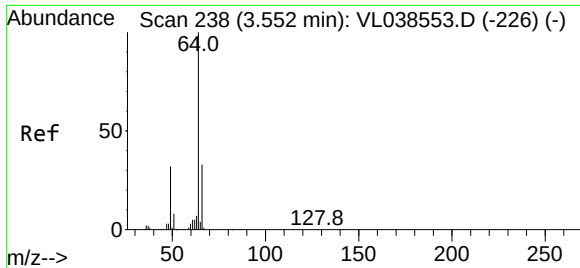
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#6
 Bromomethane
 Concen: 0.524 ppbv m
 RT: 3.465 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

Tgt Ion: 94 Resp: 14263
 Ion Ratio Lower Upper
 94 100
 96 95.7 73.7 110.5





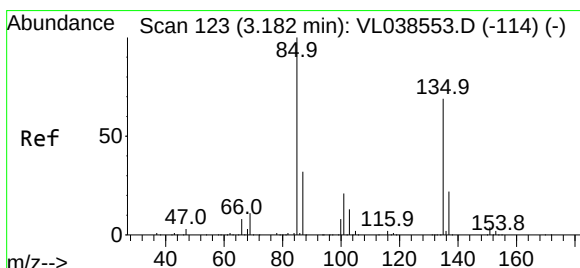
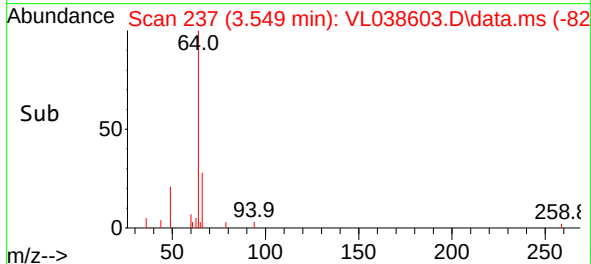
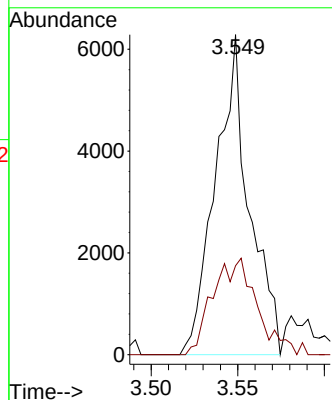
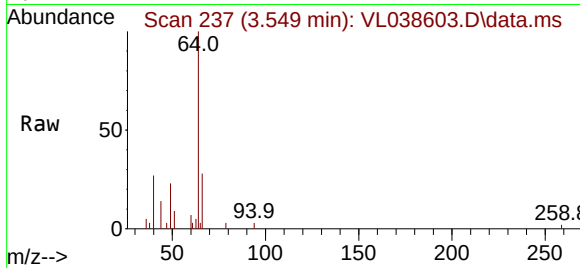
#7
Chloroethane
Concen: 0.520 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

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

Tgt Ion: 64 Resp: 853
Ion Ratio Lower Upper
64 100
66 27.8 26.6 39.8

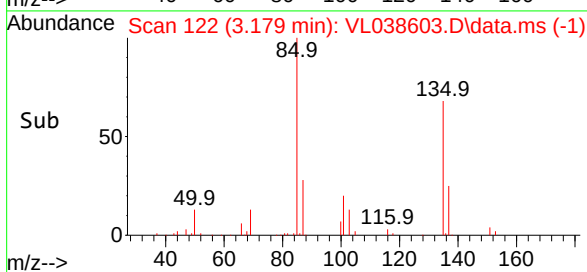
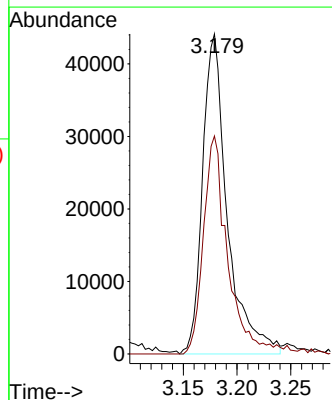
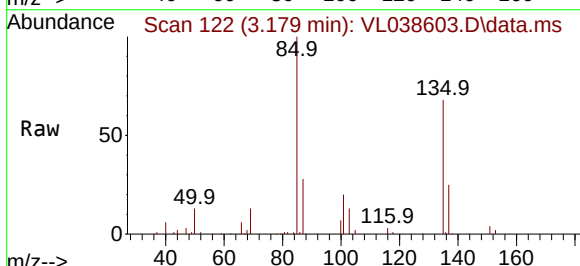
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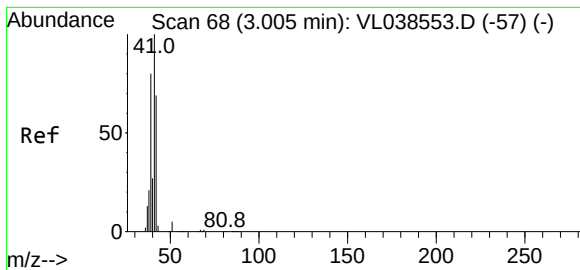
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Dichlorotetrafluoroethane
Concen: 0.623 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.003 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

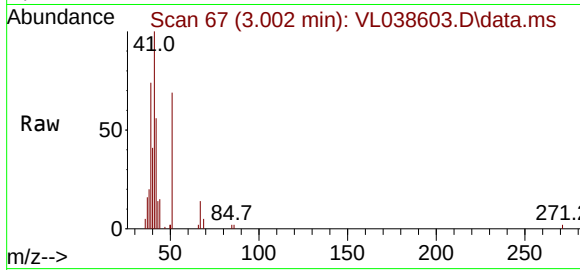
Tgt Ion: 85 Resp: 70533
Ion Ratio Lower Upper
85 100
135 68.2 59.0 88.4





#9
Propene
Concen: 0.487 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

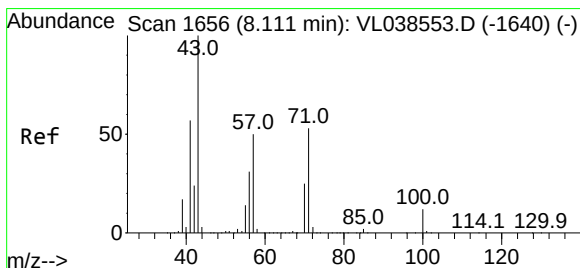
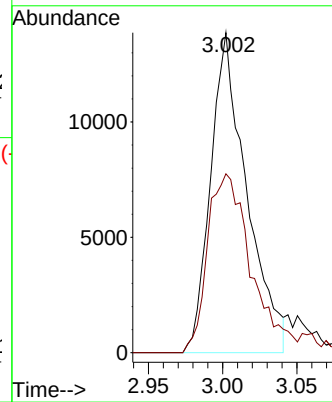
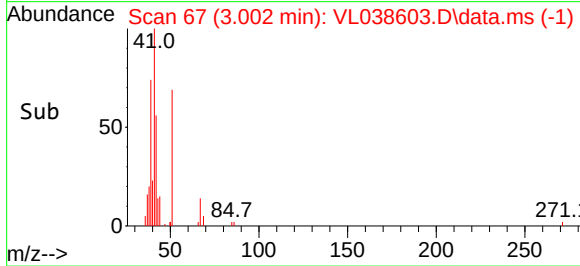
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 41 Resp: 23419
Ion Ratio Lower Upper
41 100
42 72.2 55.7 83.5

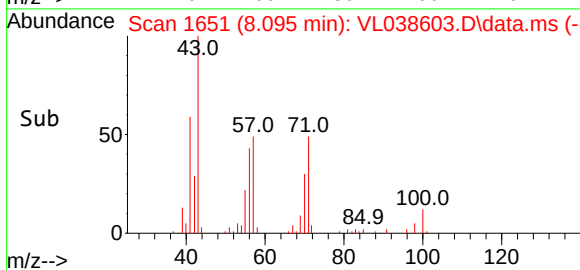
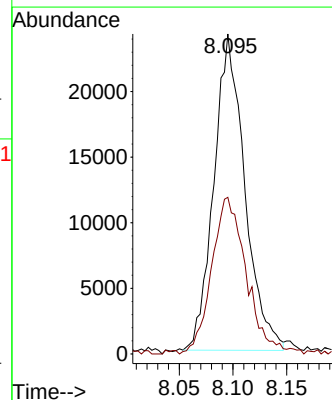
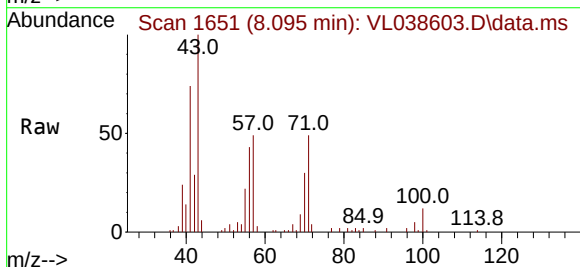
Manual Integrations
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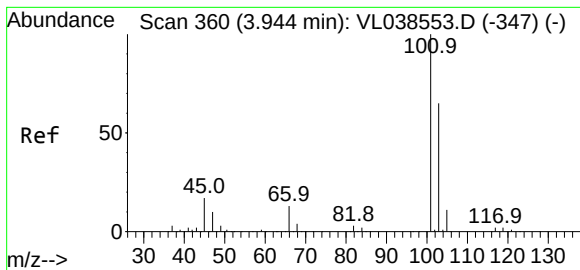
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#10
Heptane
Concen: 0.418 ppbv
RT: 8.095 min Scan# 1651
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion: 43 Resp: 48116
Ion Ratio Lower Upper
43 100
57 56.5 39.6 59.4





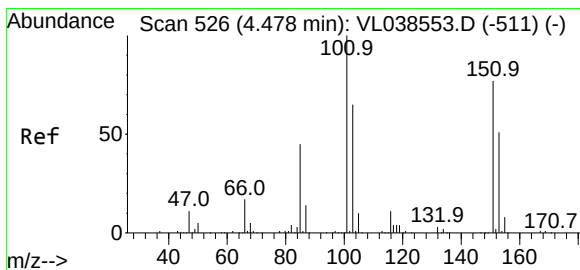
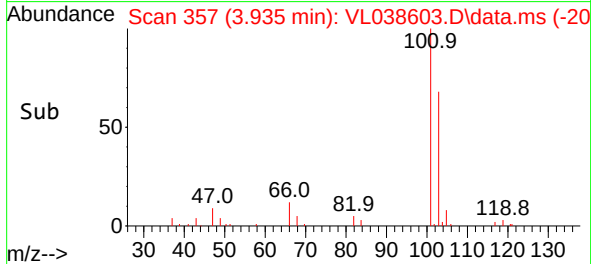
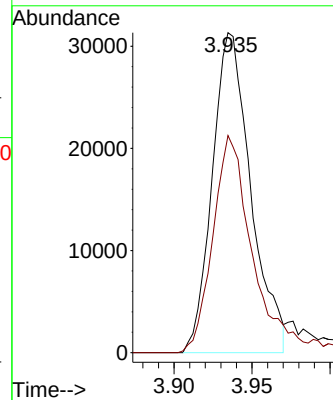
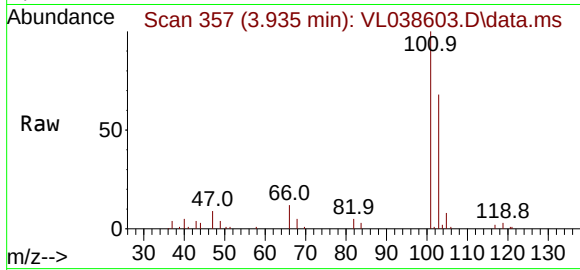
#11
 Trichlorofluoromethane
 Concen: 0.526 ppbv
 RT: 3.935 min Scan# 310
 Delta R.T. -0.010 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

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

Tgt Ion:101 Resp: 53838
 Ion Ratio Lower Upper
 101 100
 103 67.3 52.0 78.0

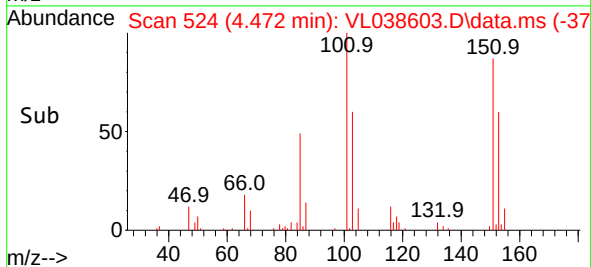
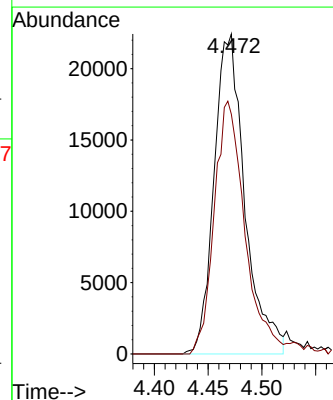
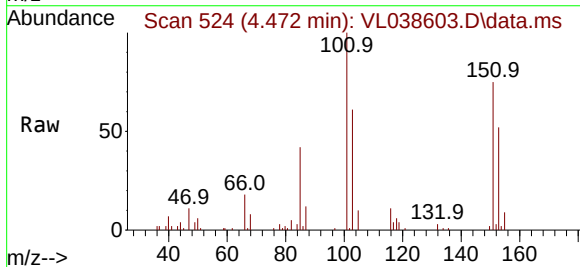
Manual Integrations
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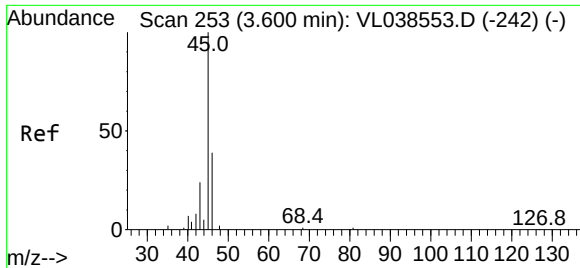
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.561 ppbv
 RT: 4.472 min Scan# 524
 Delta R.T. -0.006 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

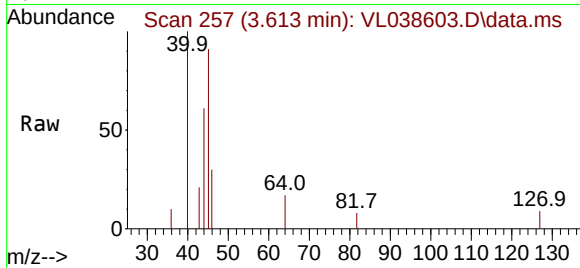
Tgt Ion:101 Resp: 44642
 Ion Ratio Lower Upper
 101 100
 151 81.4 63.4 95.0





#13
Ethanol
Concen: 0.803 ppbv m
RT: 3.613 min Scan# 210
Delta R.T. 0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

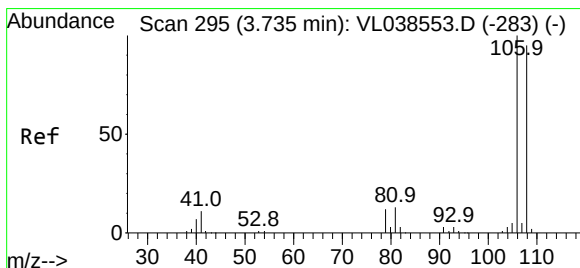
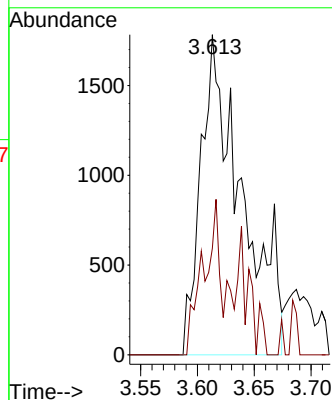
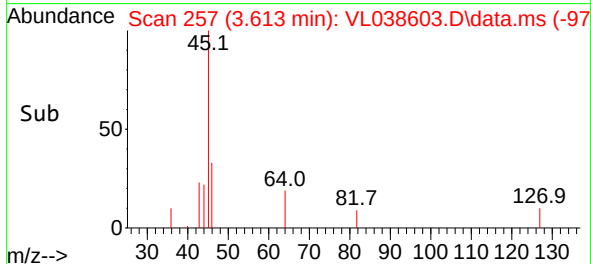
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



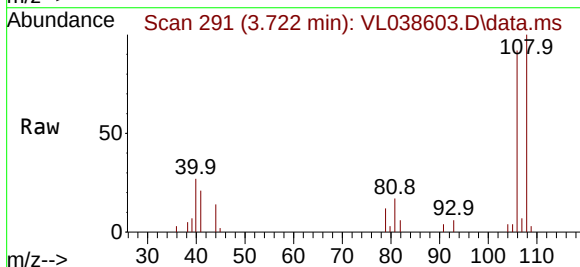
Tgt Ion: 45 Resp: 4434
Ion Ratio Lower Upper
45 100
46 0.0 16.8 67.0

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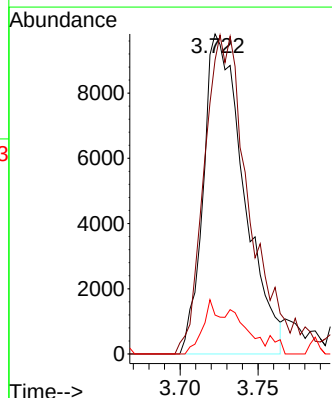
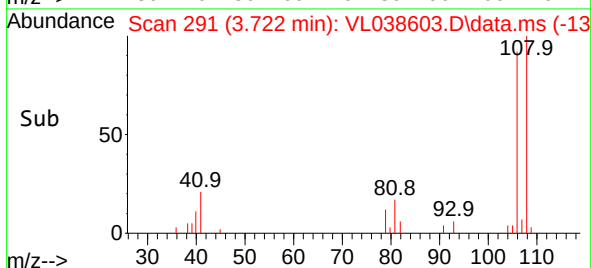
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

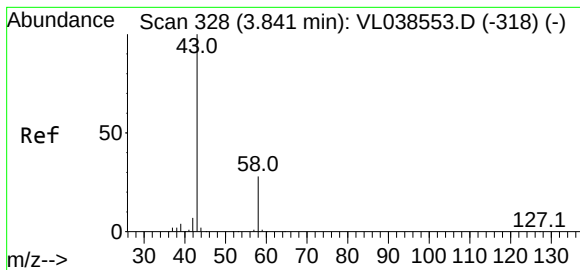


#14
Bromoethene
Concen: 0.523 ppbv
RT: 3.722 min Scan# 291
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28



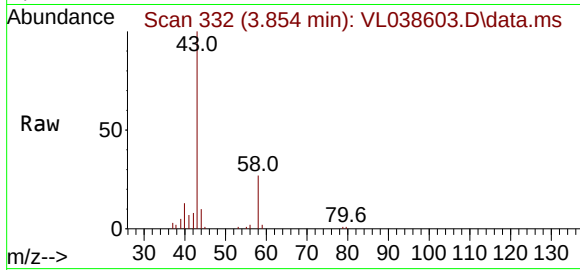
Tgt Ion:108 Resp: 17733
Ion Ratio Lower Upper
108 100
106 117.2 85.9 128.9
79 16.1 11.0 16.6





#15
Acetone
Concen: 0.560 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

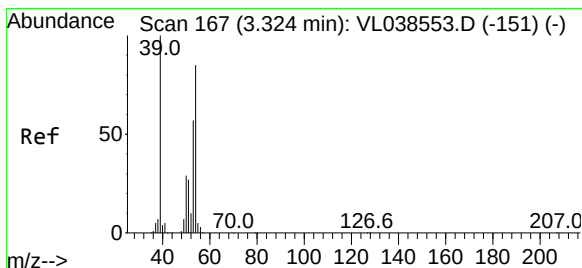
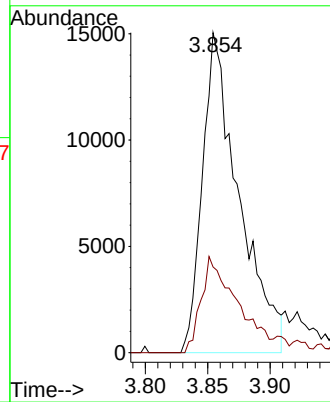
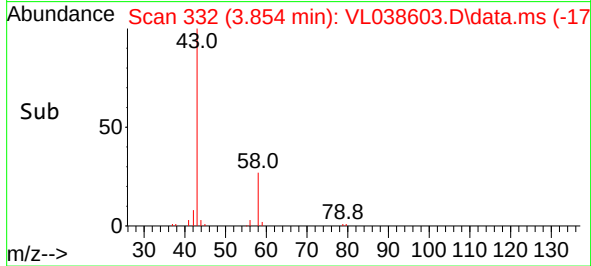
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 43 Resp: 3055
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1

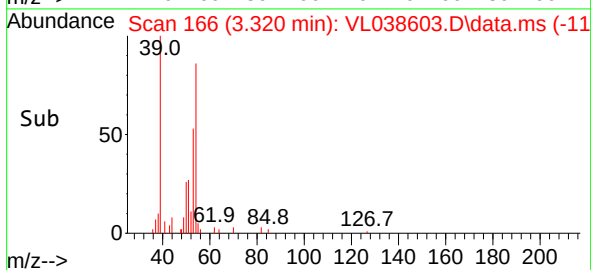
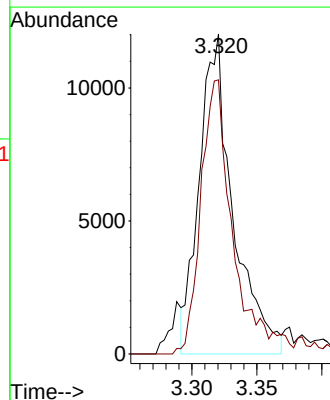
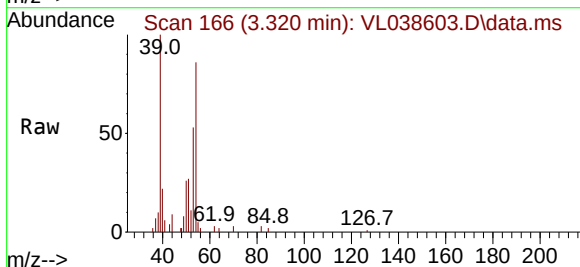
Manual Integrations
APPROVED

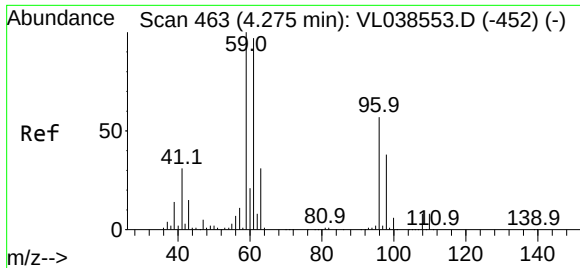
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
1,3-Butadiene
Concen: 0.495 ppbv
RT: 3.320 min Scan# 166
Delta R.T. -0.003 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion: 39 Resp: 21702
Ion Ratio Lower Upper
39 100
54 84.3 64.2 96.2





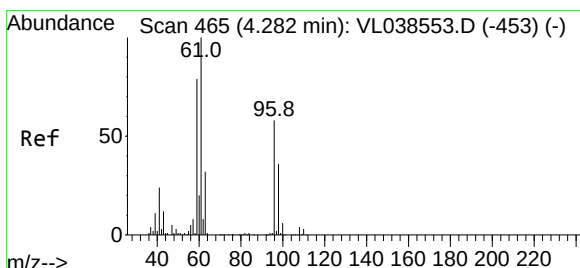
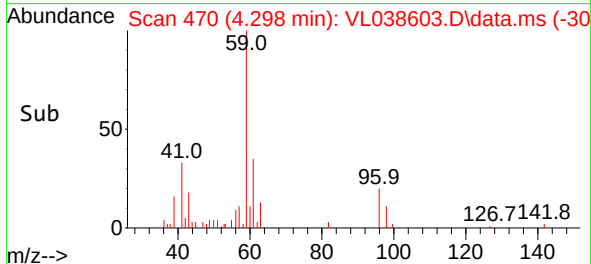
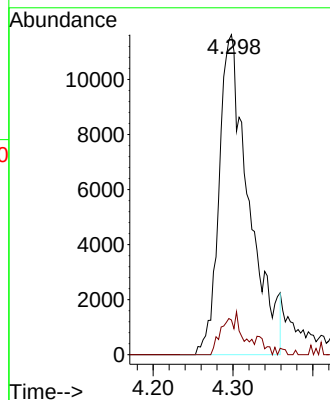
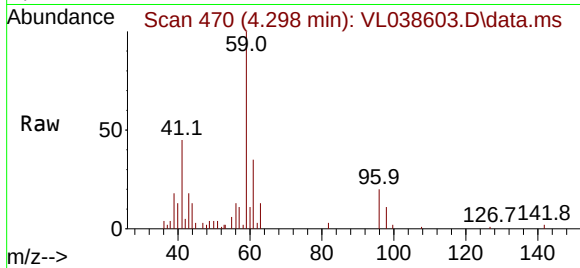
#17
tert-Butyl alcohol
Concen: 0.508 ppbv m
RT: 4.298 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

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

Tgt Ion: 59 Resp: 30124
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

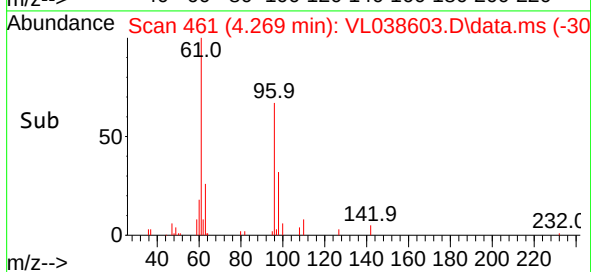
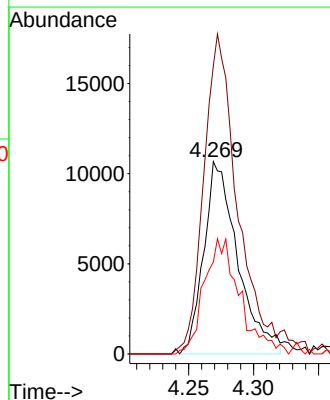
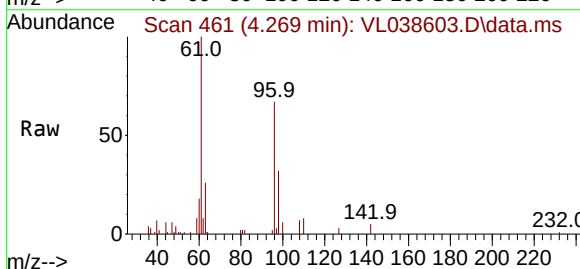
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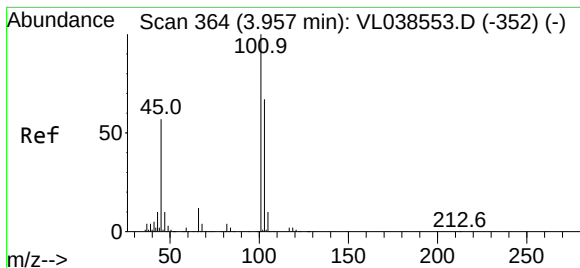
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#18
1,1-Dichloroethene
Concen: 0.546 ppbv
RT: 4.269 min Scan# 461
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion: 96 Resp: 19445
Ion Ratio Lower Upper
96 100
61 145.8 137.4 206.0
98 45.7 49.3 73.9





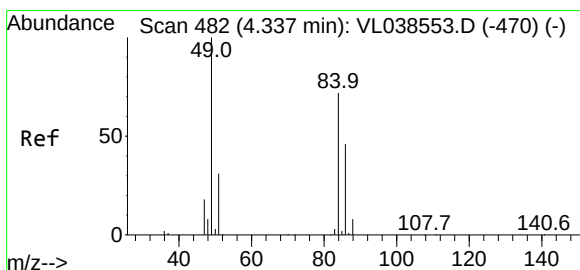
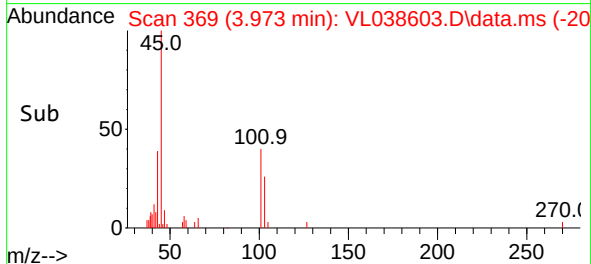
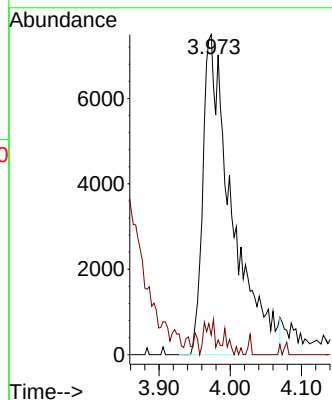
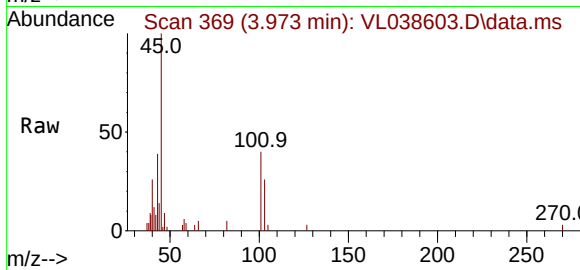
#19
Isopropyl Alcohol
Concen: 0.581 ppbv m
RT: 3.973 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

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

Tgt Ion: 45 Resp: 21170
Ion Ratio Lower Upper
45 100
58 2.5 2.2 3.2

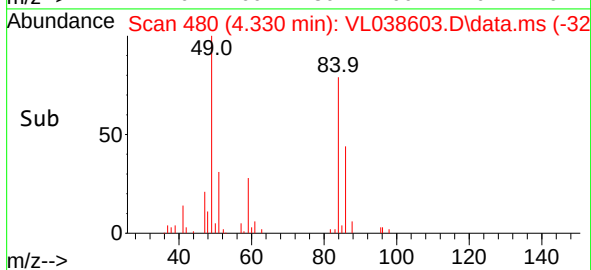
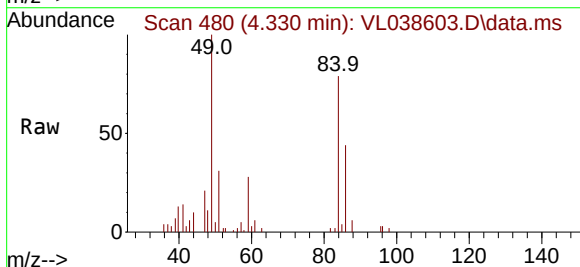
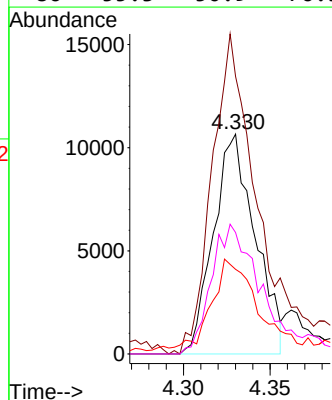
Manual Integrations
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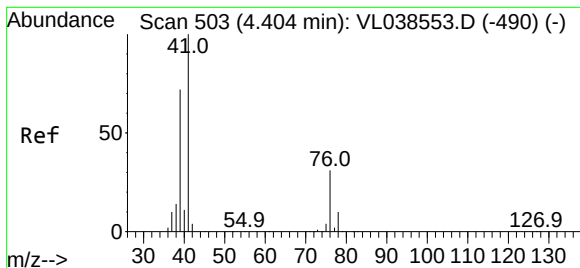
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 0.544 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.006 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion: 84 Resp: 17848
Ion Ratio Lower Upper
84 100
49 126.2 111.1 166.7
51 34.5 34.0 51.0
86 55.3 50.9 76.3





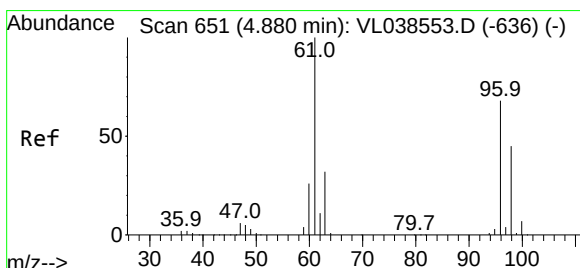
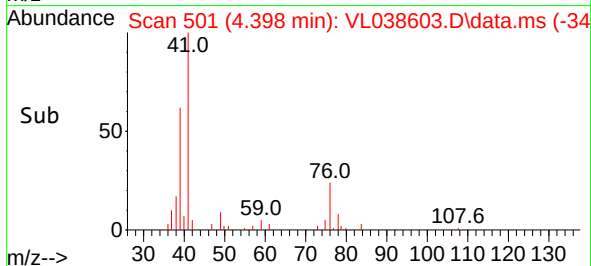
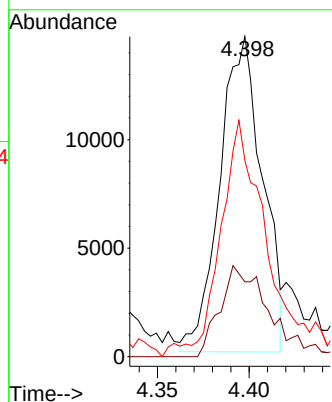
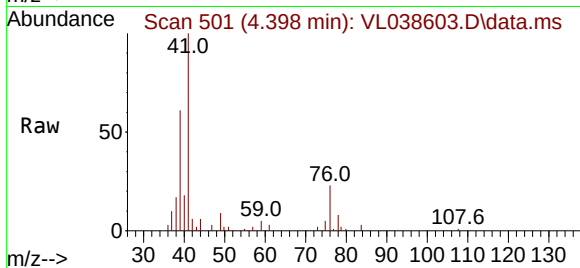
#21
 Allyl Chloride
 Concen: 0.447 ppbv
 RT: 4.398 min Scan# 503
 Delta R.T. -0.006 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

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

Tgt Ion: 41 Resp: 2351
 Ion Ratio Lower Upper
 41 100
 76 34.5 24.3 36.5
 39 85.5 57.1 85.7

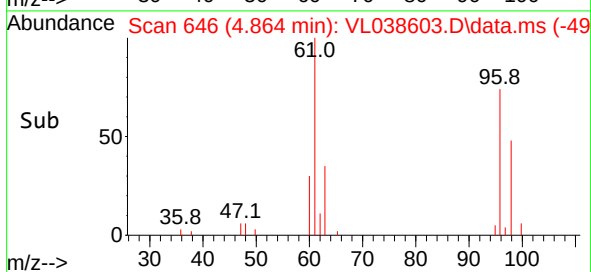
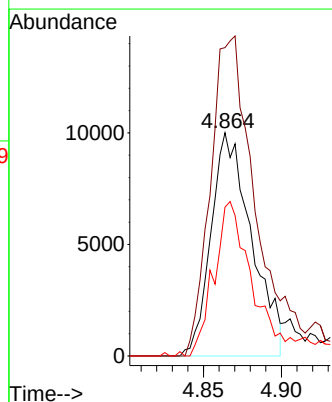
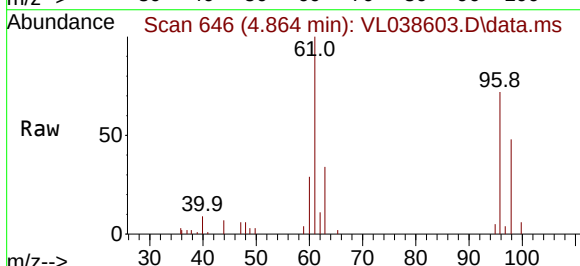
Manual Integrations
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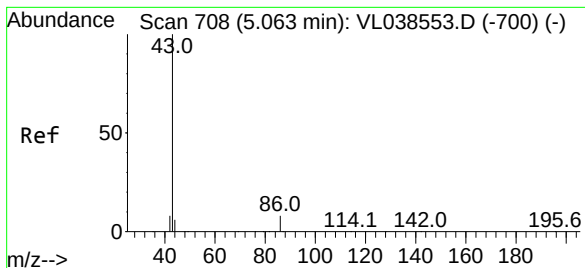
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.484 ppbv
 RT: 4.864 min Scan# 646
 Delta R.T. -0.016 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

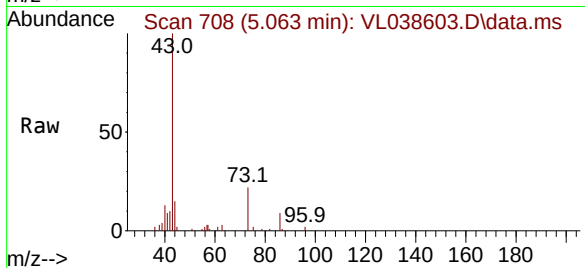
Tgt Ion: 96 Resp: 18083
 Ion Ratio Lower Upper
 96 100
 61 138.1 117.6 176.4
 98 64.8 52.6 78.8





#23
 Vinyl Acetate
 Concen: 0.376 ppbv
 RT: 5.063 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

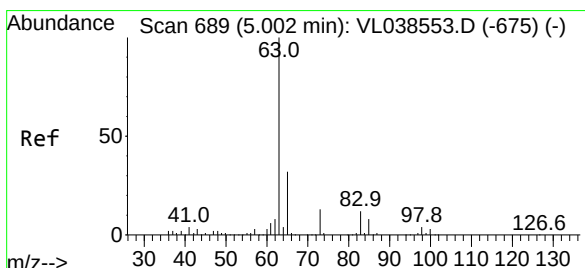
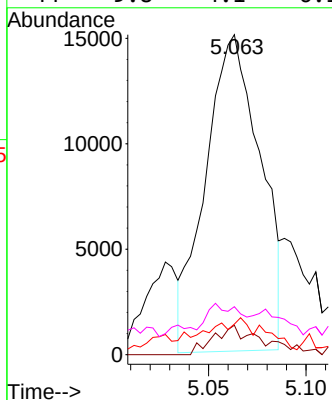
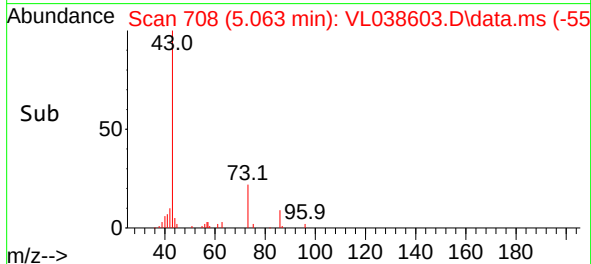
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



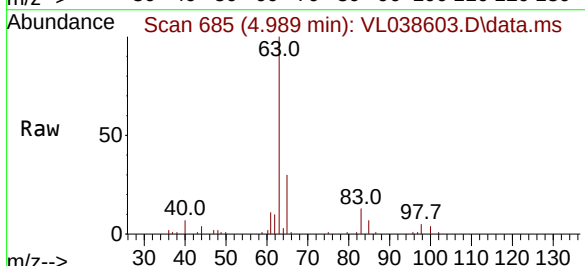
Tgt Ion: 43 Resp: 29380
 Ion Ratio Lower Upper
 43 100
 86 13.5 5.6 8.4
 42 6.7 7.1 10.7
 44 9.8 4.1 6.1

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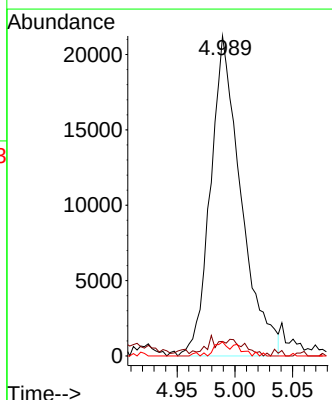
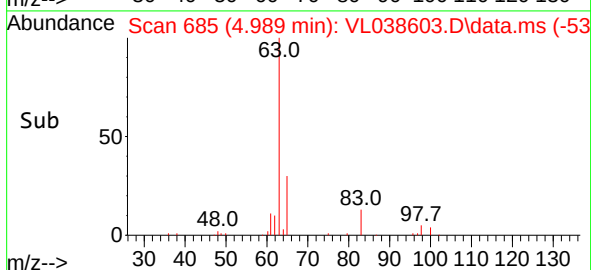
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

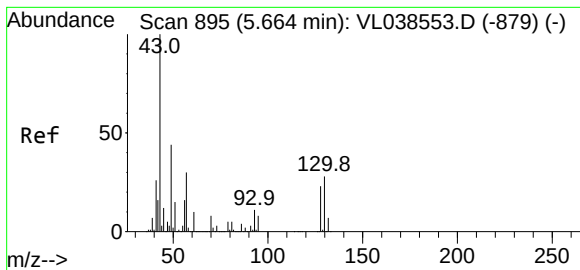


#24
 1,1-Dichloroethane
 Concen: 0.549 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.013 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28



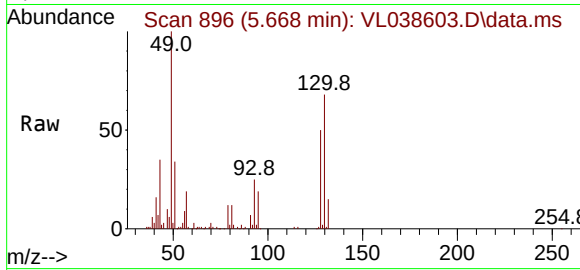
Tgt Ion: 63 Resp: 39019
 Ion Ratio Lower Upper
 63 100
 98 3.7 2.2 6.6
 100 4.4 1.5 4.5





#25
Ethyl Acetate
Concen: 0.473 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

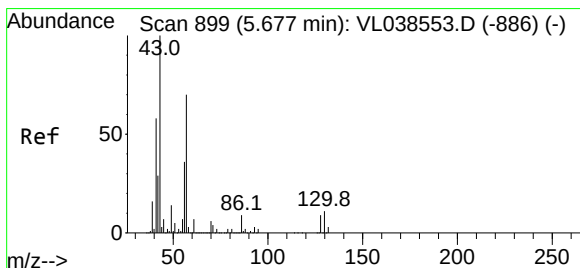
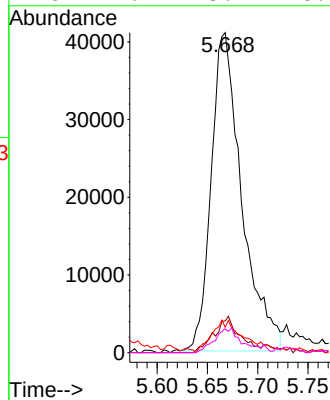
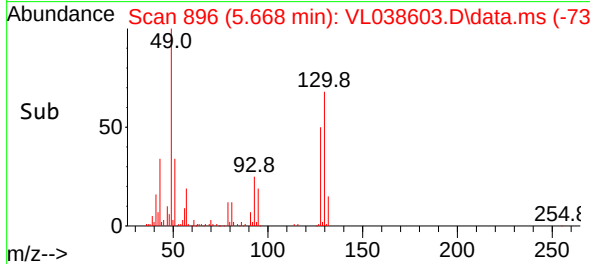
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 43 Resp: 86839
Ion Ratio Lower Upper
43 100
45 11.0 8.0 12.0
61 12.0 8.2 12.4
70 7.1 5.4 8.2

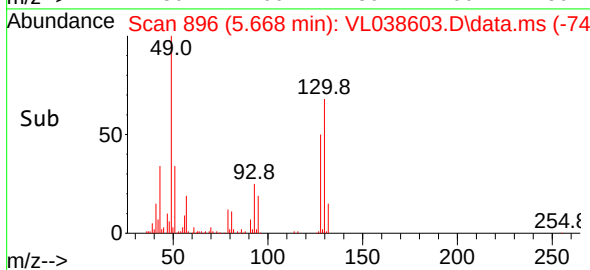
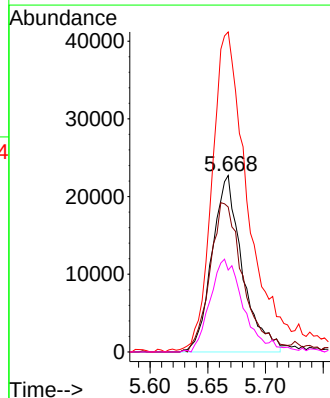
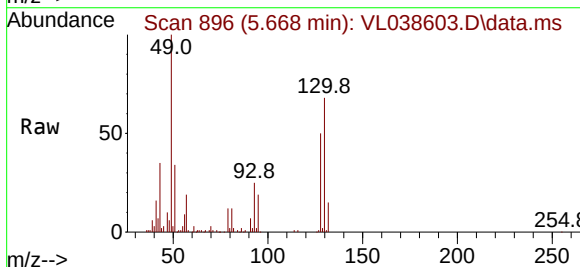
Manual Integrations
APPROVED

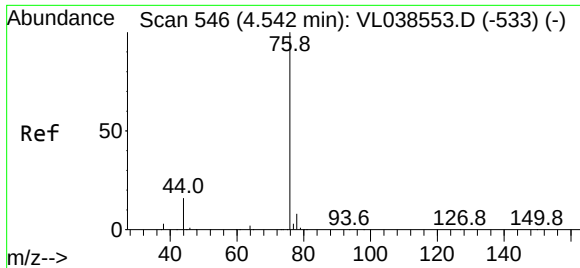
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#26
Hexane
Concen: 0.479 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

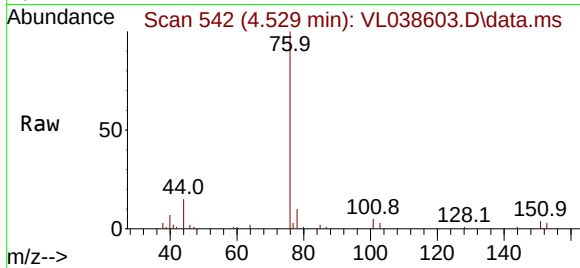
Tgt Ion: 57 Resp: 41340
Ion Ratio Lower Upper
57 100
41 98.0 67.8 101.6
43 230.6 173.6 260.4
56 59.8 42.2 63.2





#27
Carbon Disulfide
Concen: 0.461 ppbv
RT: 4.529 min Scan# 546
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

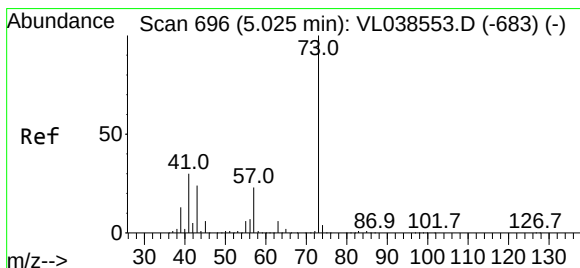
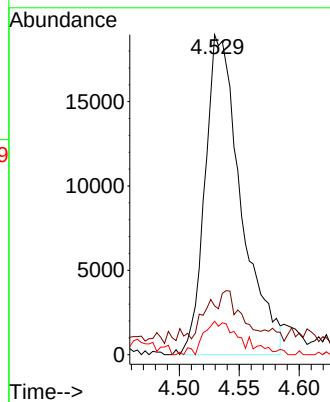
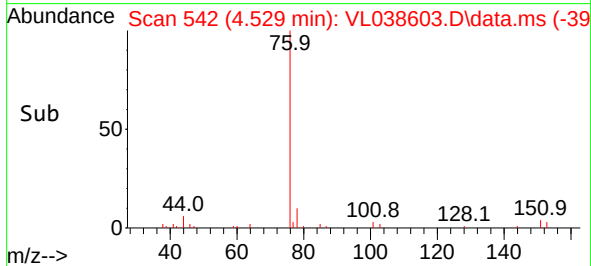
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 76 Resp: 39609
Ion Ratio Lower Upper
76 100
44 22.1 12.9 19.3
78 11.2 7.8 11.6

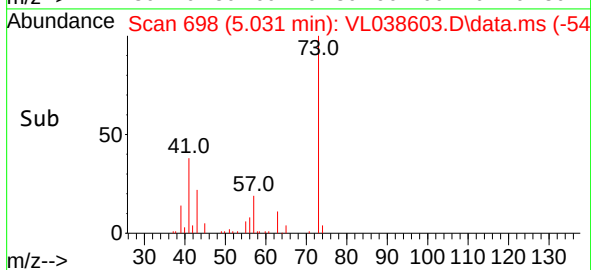
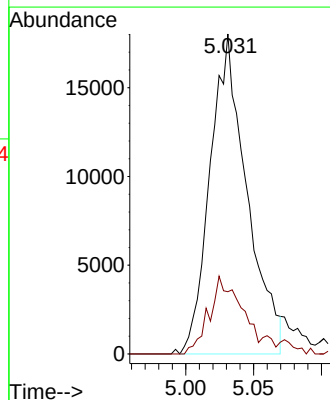
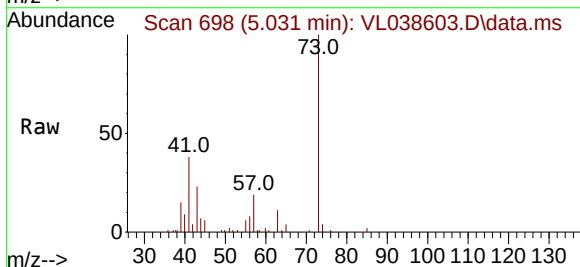
Manual Integrations
APPROVED

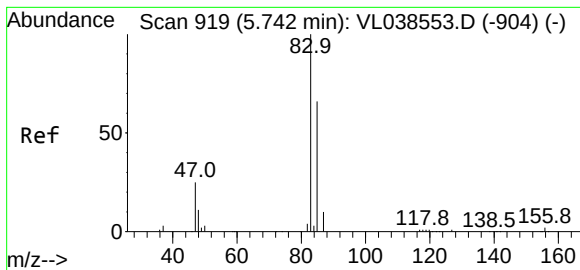
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Methyl tert-Butyl Ether
Concen: 0.485 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.006 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

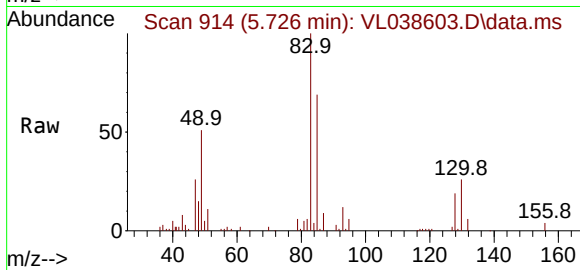
Tgt Ion: 73 Resp: 34030
Ion Ratio Lower Upper
73 100
57 25.1 18.8 28.2





#29
Chloroform
Concen: 0.508 ppbv
RT: 5.726 min Scan# 919
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

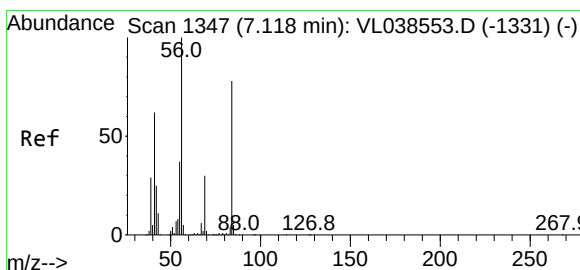
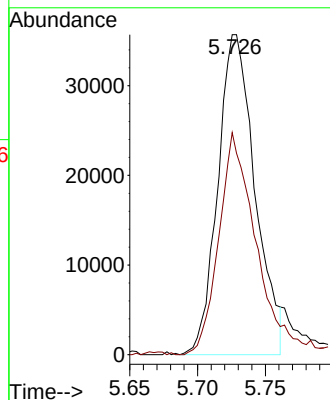
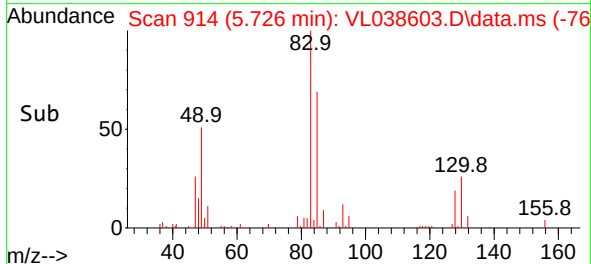
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



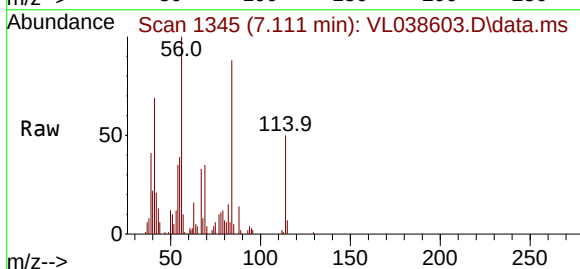
Tgt Ion: 83 Resp: 68158
Ion Ratio Lower Upper
83 100
85 69.4 52.8 79.2

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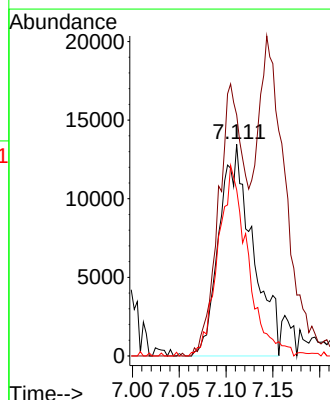
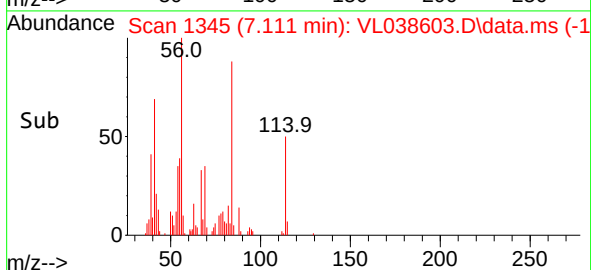
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

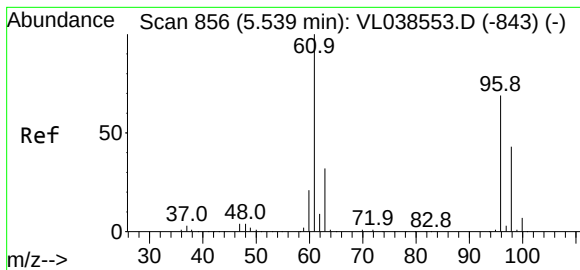


#30
Cyclohexane
Concen: 0.445 ppbv m
RT: 7.111 min Scan# 1345
Delta R.T. -0.006 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28



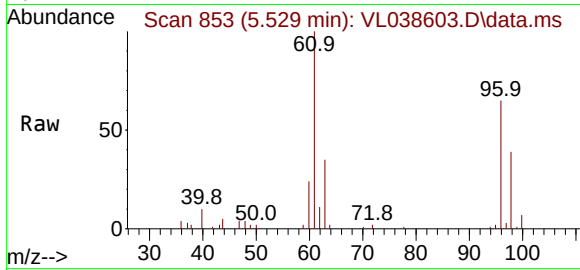
Tgt Ion: 84 Resp: 33205
Ion Ratio Lower Upper
84 100
56 99.3 111.4 167.0#
41 81.3 65.5 98.3





#31
cis-1,2-Dichloroethene
Concen: 0.423 ppbv
RT: 5.529 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

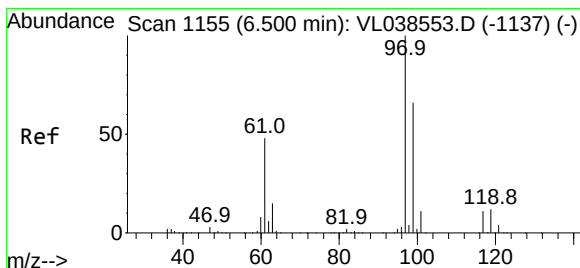
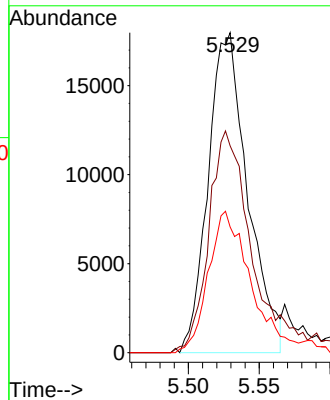
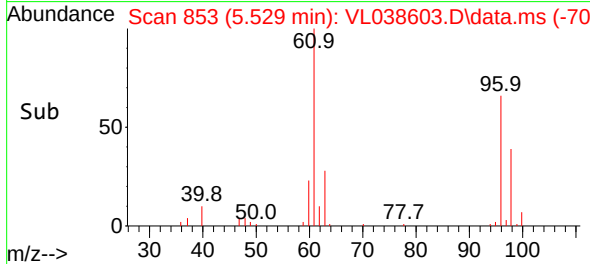
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 61 Resp: 34890
Ion Ratio Lower Upper
61 100
96 62.7 55.2 82.8
98 38.1 34.2 51.4

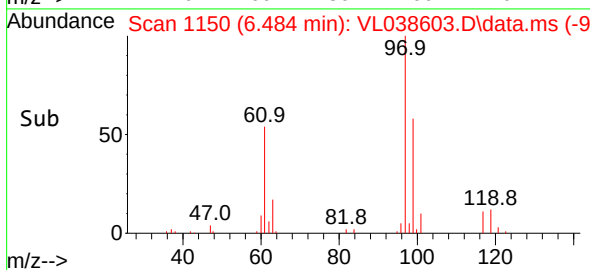
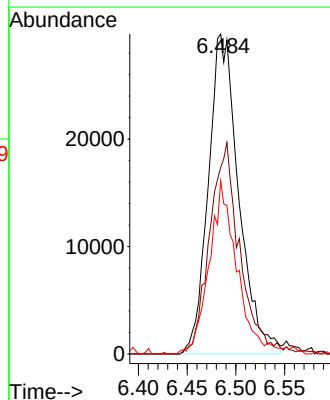
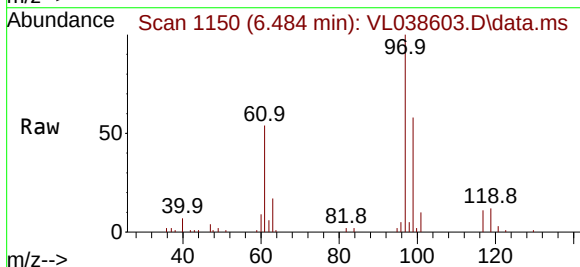
Manual Integrations
APPROVED

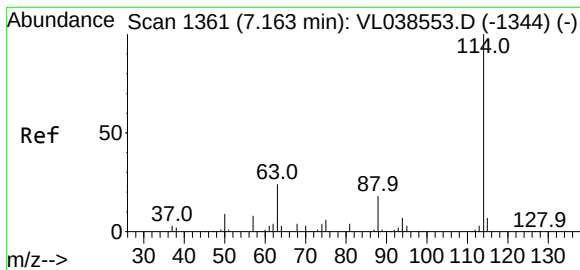
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#32
1,1,1-Trichloroethane
Concen: 0.497 ppbv
RT: 6.484 min Scan# 1150
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

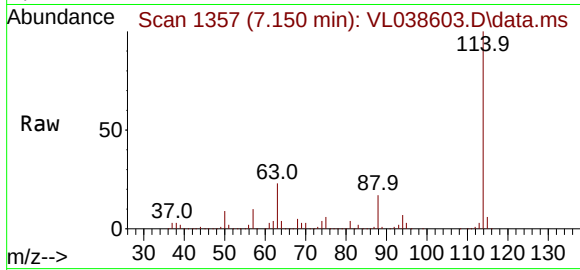
Tgt Ion: 97 Resp: 64741
Ion Ratio Lower Upper
97 100
99 65.7 52.1 78.1
61 49.9 37.7 56.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.150 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

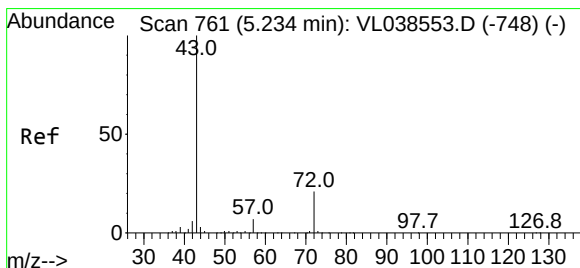
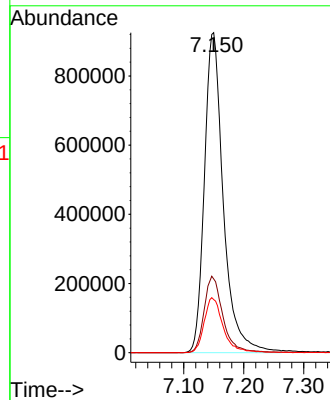
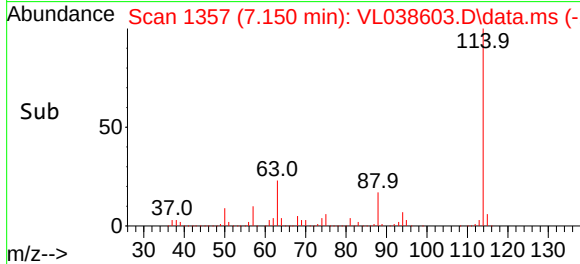
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion:114 Resp: 2035750
Ion Ratio Lower Upper
114 100
63 24.0 19.6 29.4
88 17.3 13.9 20.9

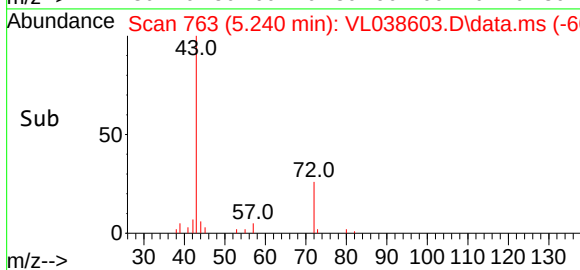
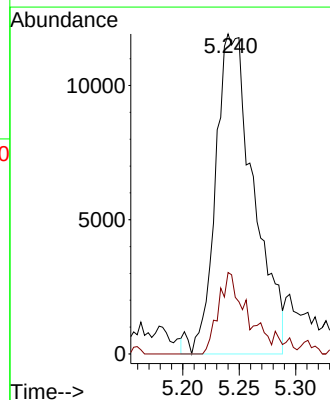
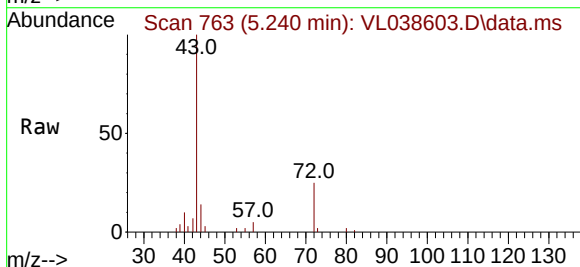
Manual Integrations
APPROVED

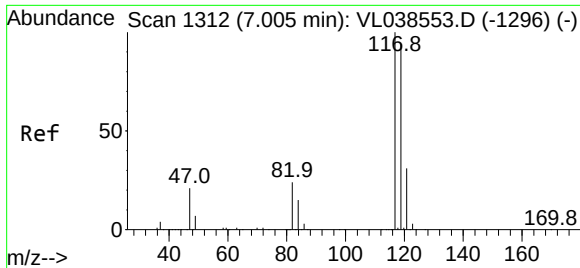
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
2-Butanone
Concen: 0.534 ppbv m
RT: 5.240 min Scan# 763
Delta R.T. 0.006 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

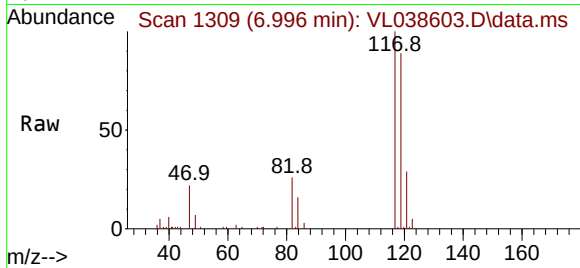
Tgt Ion: 43 Resp: 28158
Ion Ratio Lower Upper
43 100
72 22.3 17.8 26.6





#35
Carbon Tetrachloride
Concen: 0.496 ppbv
RT: 6.996 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

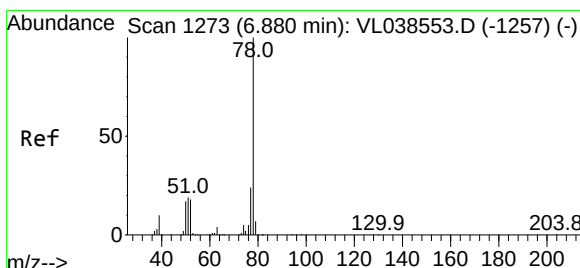
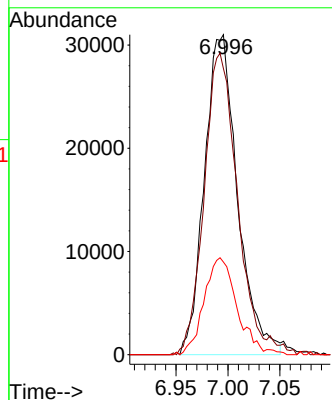
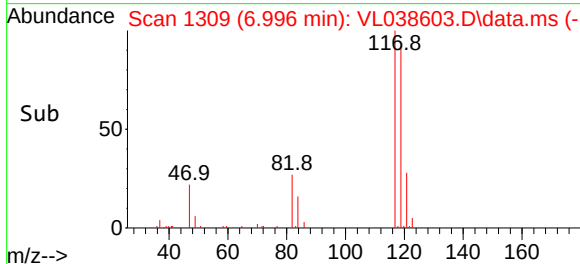
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



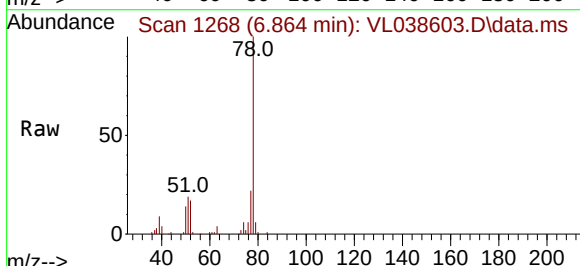
Tgt Ion: 117 Resp: 6884
Ion Ratio Lower Upper
117 100
119 87.7 75.2 112.8
121 30.0 24.8 37.2

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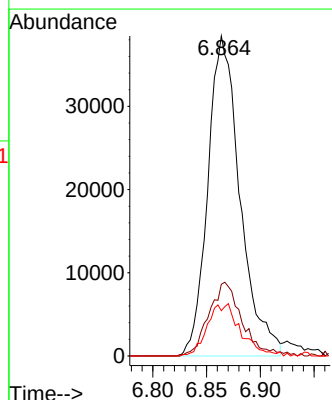
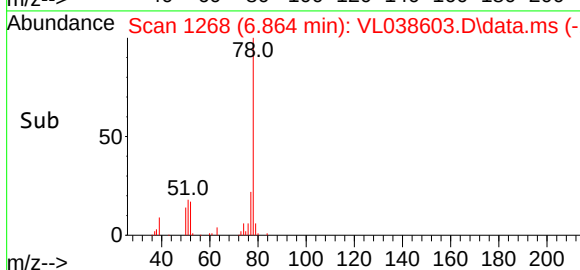
Reviewed By : Semsettin Yesilyurt 03/15/2022
Supervised By : Mahesh Dadoda 03/18/2022

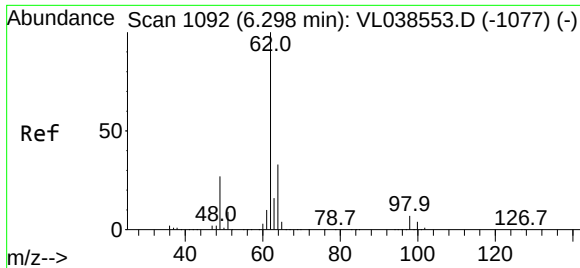


#36
Benzene
Concen: 0.436 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28



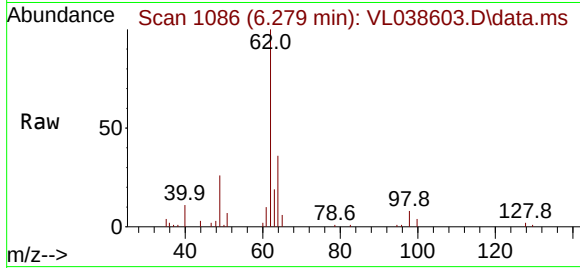
Tgt Ion: 78 Resp: 80166
Ion Ratio Lower Upper
78 100
77 21.9 19.0 28.4
50 14.1 13.9 20.9





#37
1,2-Dichloroethane
Concen: 0.508 ppbv
RT: 6.279 min Scan# 1086
Delta R.T. -0.019 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

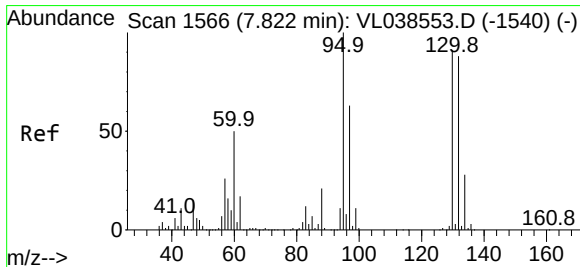
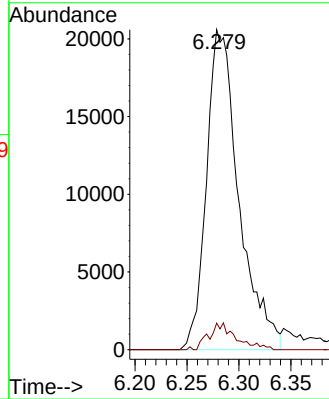
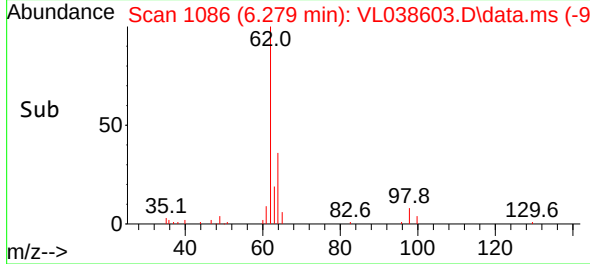
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 62 Resp: 44608
Ion Ratio Lower Upper
62 100
98 7.0 5.7 8.5

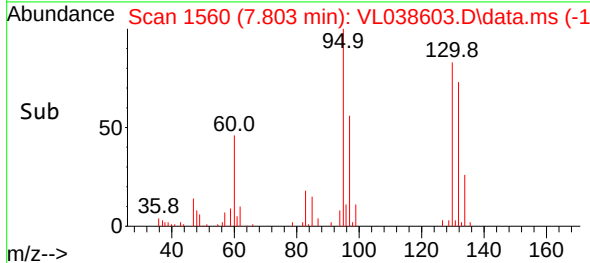
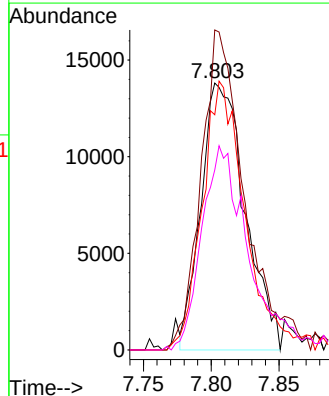
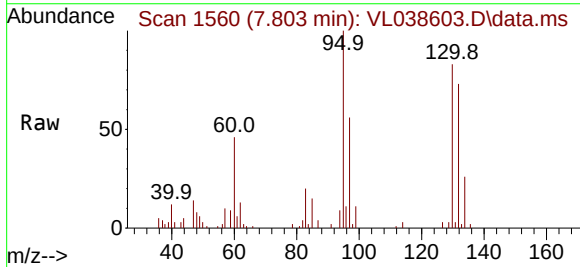
Manual Integrations
APPROVED

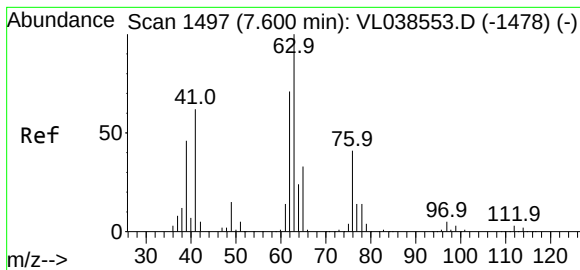
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Trichloroethene
Concen: 0.426 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.019 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

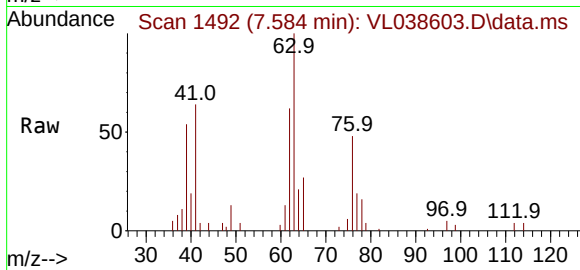
Tgt Ion:130 Resp: 31268
Ion Ratio Lower Upper
130 100
95 110.6 87.8 131.8
132 82.8 77.5 116.3
97 64.1 55.4 83.2





#39
1,2-Dichloropropane
Concen: 0.456 ppbv
RT: 7.584 min Scan# 1497
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

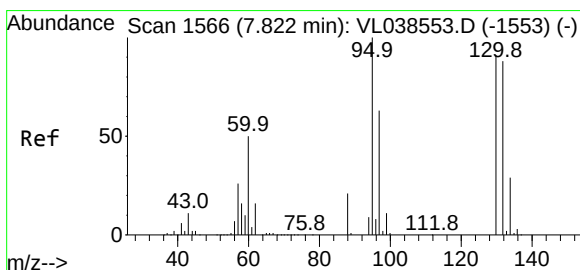
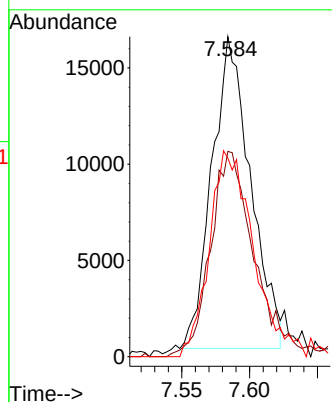
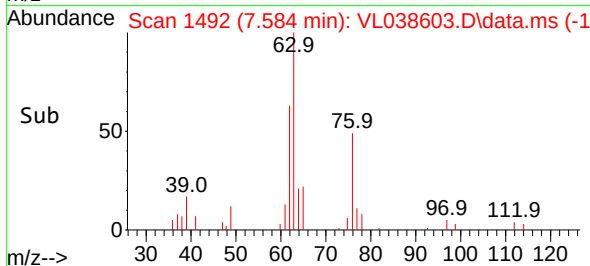
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 63 Resp: 32240
Ion Ratio Lower Upper
63 100
41 63.7 49.8 74.6
62 63.7 56.7 85.1

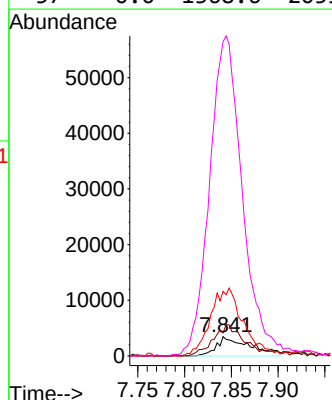
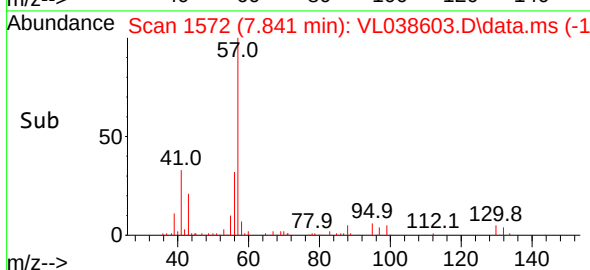
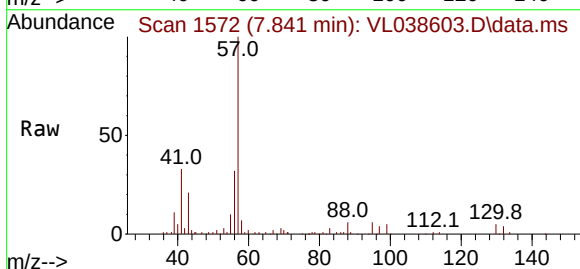
Manual Integrations
APPROVED

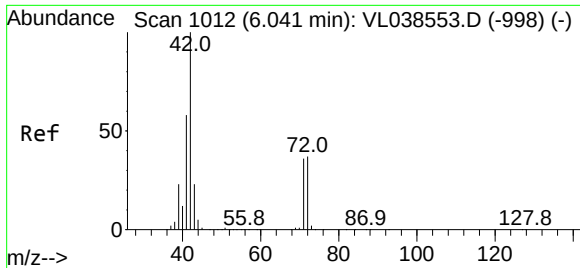
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#40
1,4-Dioxane
Concen: 0.482 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. 0.019 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

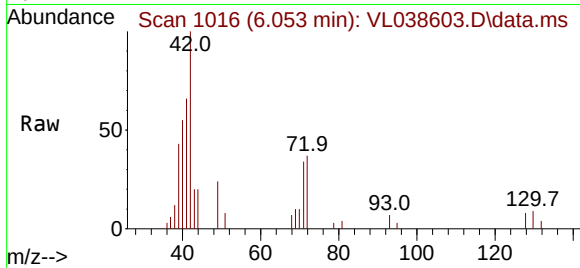
Tgt Ion: 88 Resp: 8516
Ion Ratio Lower Upper
88 100
58 0.0 126.7 190.1#
43 0.0 303.0 454.6#
57 0.0 1368.6 2053.0#





#41
Tetrahydrofuran
Concen: 0.349 ppbv m
RT: 6.053 min Scan# 1012
Delta R.T. 0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

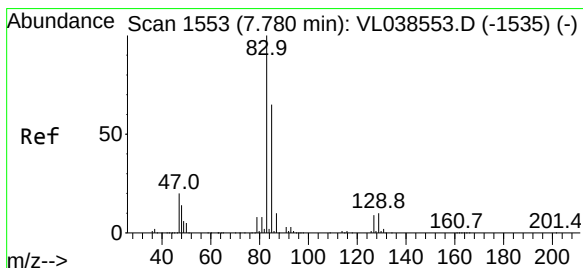
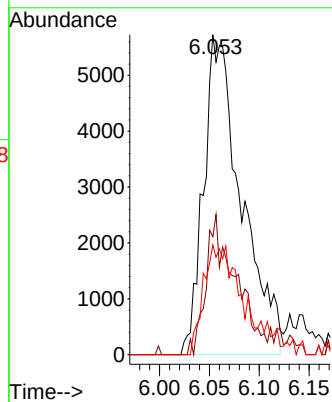
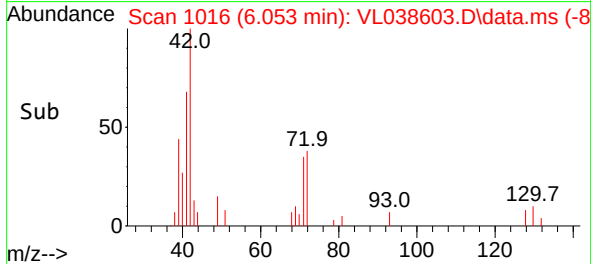
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 42 Resp: 1507
Ion Ratio Lower Upper
42 100
72 0.0 30.9 46.3
71 0.0 29.1 43.7

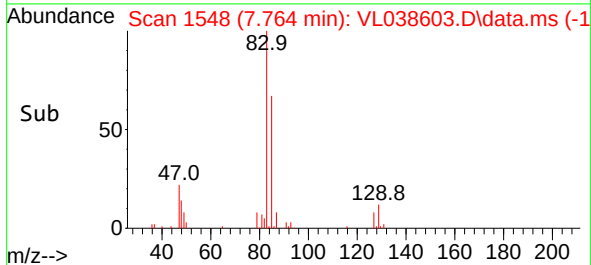
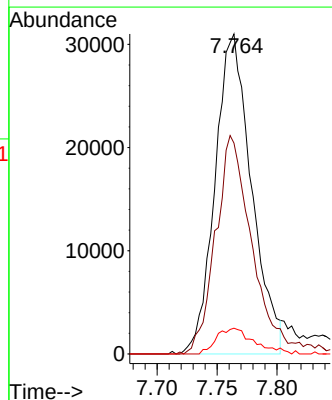
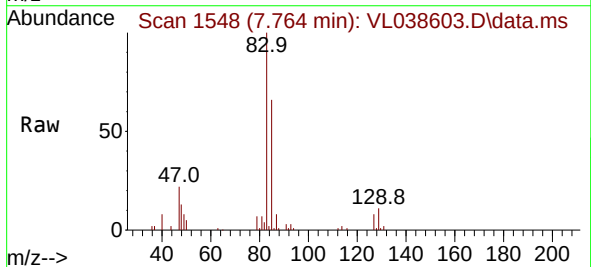
Manual Integrations
APPROVED

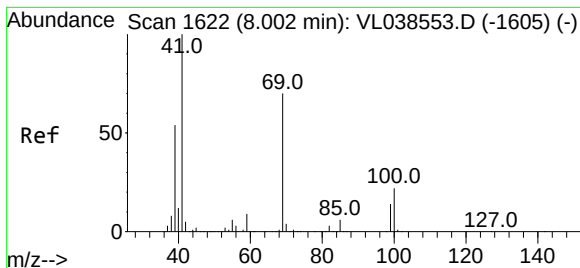
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
Bromodichloromethane
Concen: 0.471 ppbv
RT: 7.764 min Scan# 1548
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion: 83 Resp: 65501
Ion Ratio Lower Upper
83 100
85 65.3 51.7 77.5
127 8.0 6.9 10.3





#43

Methyl Methacrylate

Concen: 0.338 ppbv

RT: 7.999 min Scan# 1

Delta R.T. -0.003 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

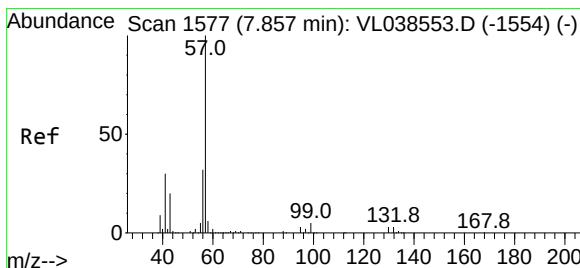
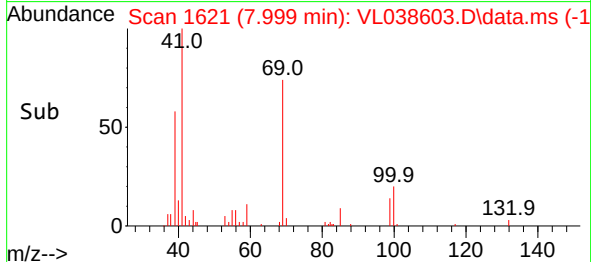
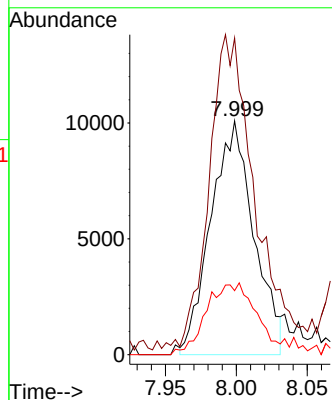
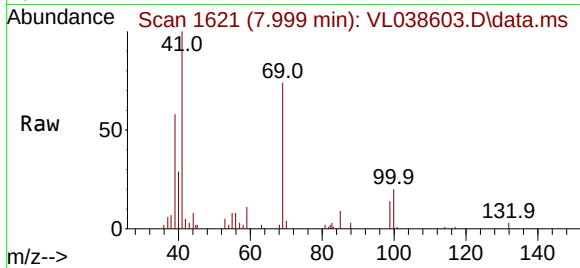
Tgt Ion:	69	Resp:	2131
Ion Ratio	Lower	Upper	
69	100		
41	150.0	113.8	170.6
100	37.5	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#44

2,2,4-Trimethylpentane

Concen: 0.444 ppbv

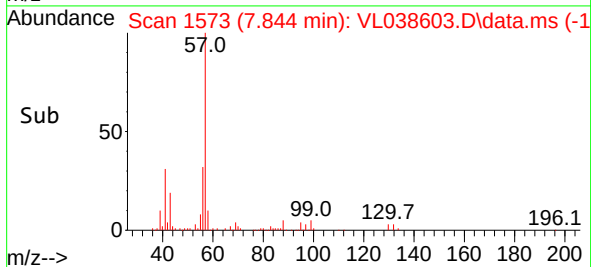
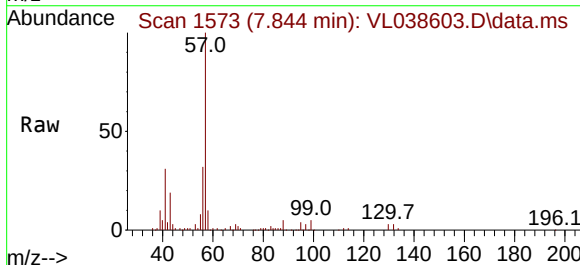
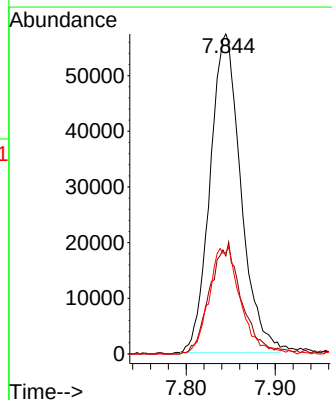
RT: 7.844 min Scan# 1573

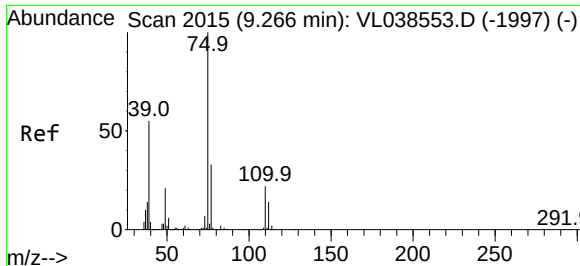
Delta R.T. -0.013 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Tgt Ion:	57	Resp:	137756
Ion Ratio	Lower	Upper	
57	100		
41	36.4	24.0	36.0
56	34.6	25.6	38.4





#45

t-1,3-Dichloropropene

Concen: 0.333 ppbv m

RT: 9.253 min Scan# 2015

Delta R.T. -0.013 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Instrument :

MSVOA_L

ClientSampleId :

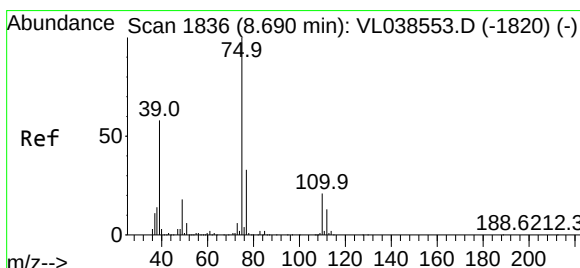
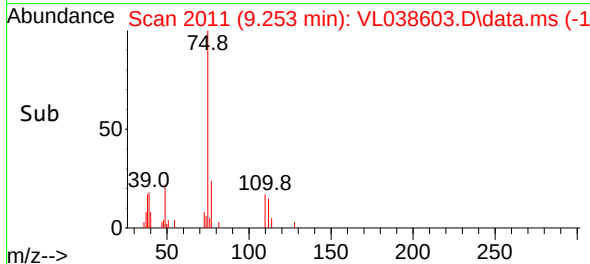
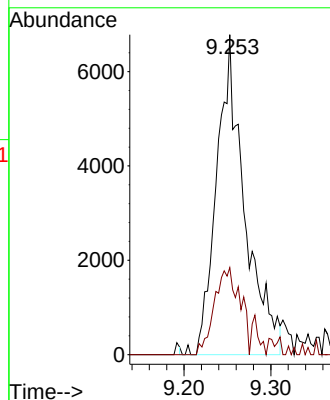
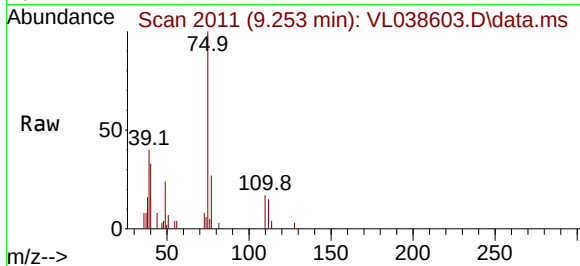
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:	75	Resp:	1514
Ion Ratio	Lower	Upper	
75	100		
77	27.2	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: 0.336 ppbv

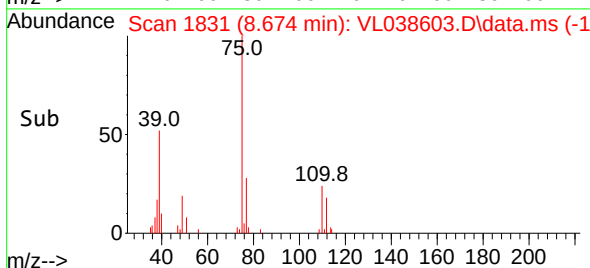
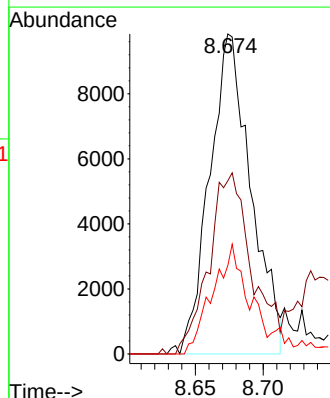
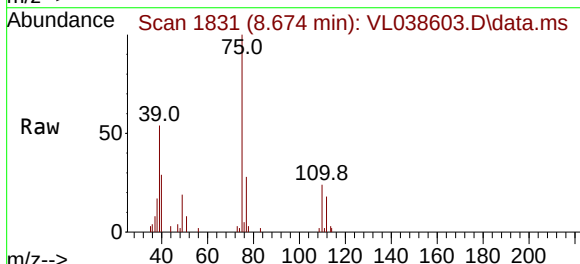
RT: 8.674 min Scan# 1831

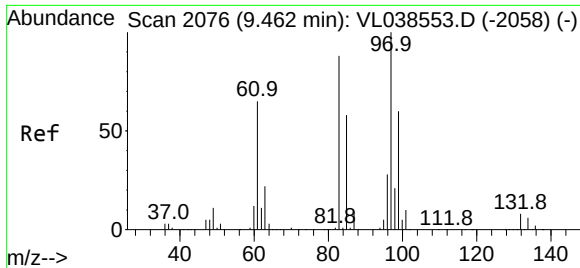
Delta R.T. -0.016 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

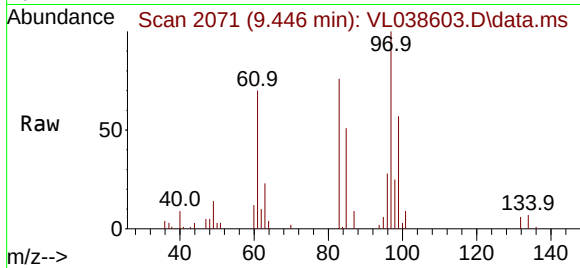
Tgt Ion:	75	Resp:	20848
Ion Ratio	Lower	Upper	
75	100		
39	50.9	46.2	69.2
77	27.7	26.2	39.2





#47
1,1,2-Trichloroethane
Concen: 0.473 ppbv
RT: 9.446 min Scan# 2076
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

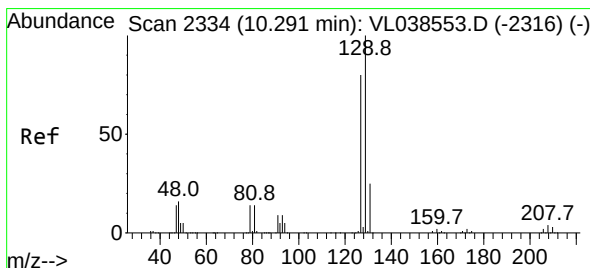
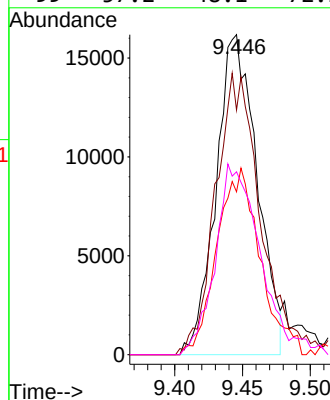
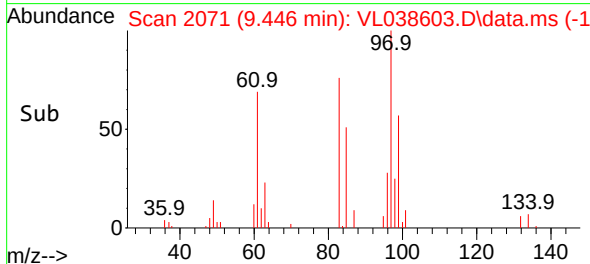
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 97 Resp: 34040
Ion Ratio Lower Upper
97 100
83 74.6 70.1 105.1
85 50.9 46.6 69.8
99 57.2 48.1 72.1

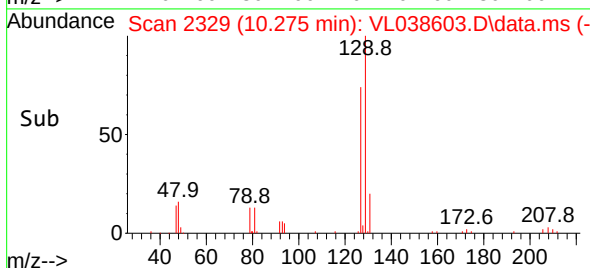
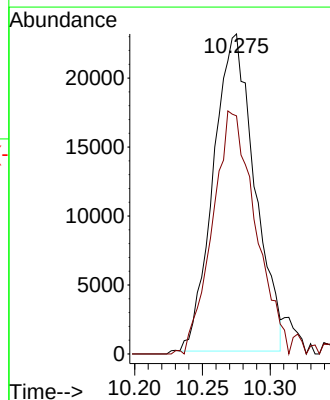
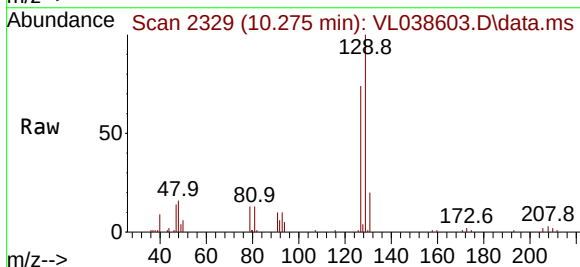
Manual Integrations
APPROVED

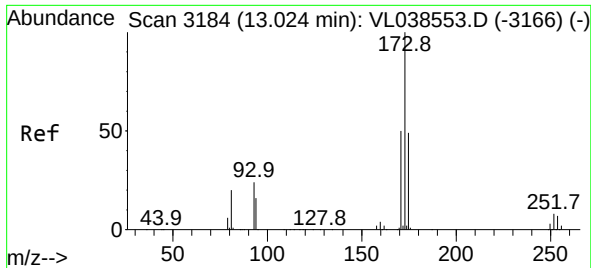
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#48
Dibromochloromethane
Concen: 0.426 ppbv
RT: 10.275 min Scan# 2329
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

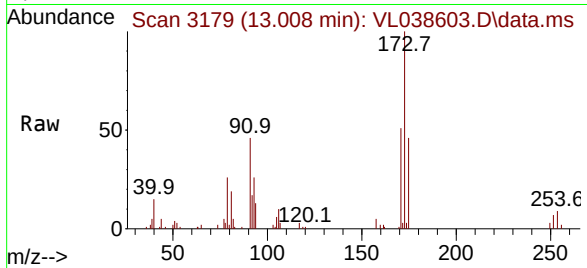
Tgt Ion:129 Resp: 48734
Ion Ratio Lower Upper
129 100
127 81.3 39.5 118.3





#49
Bromoform
Concen: 0.448 ppbv
RT: 13.008 min Scan# 3184
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

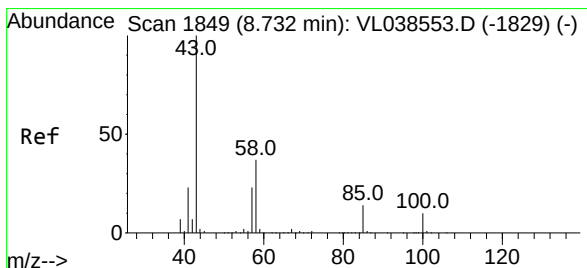
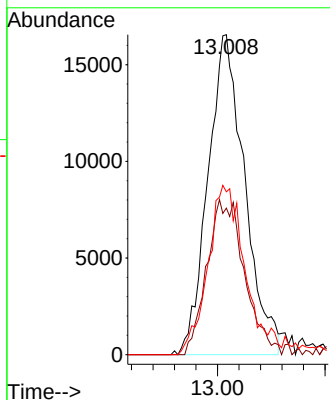
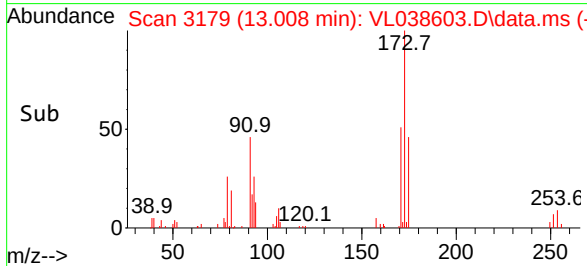
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 173 Resp: 3923
Ion Ratio Lower Upper
173 100
175 50.2 40.7 61.1
171 56.5 42.9 64.3

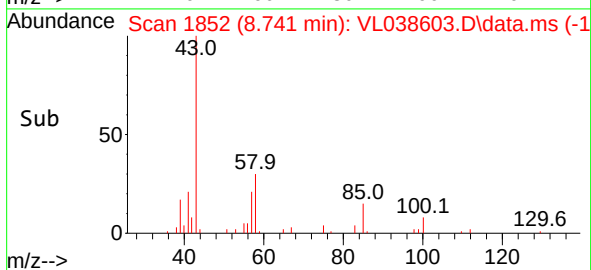
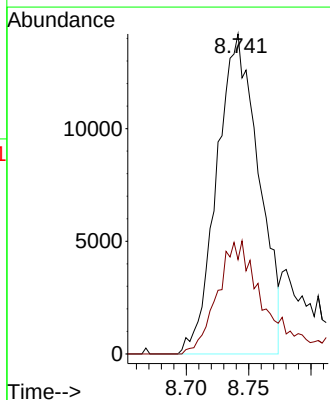
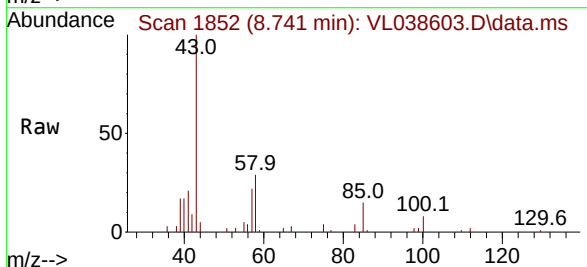
Manual Integrations
APPROVED

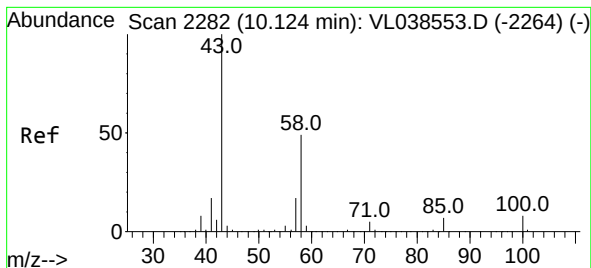
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
4-Methyl-2-Pentanone
Concen: 0.308 ppbv
RT: 8.741 min Scan# 1852
Delta R.T. 0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion: 43 Resp: 33265
Ion Ratio Lower Upper
43 100
58 42.6 29.2 43.8





#51

2-Hexanone

Concen: 0.318 ppbv m

RT: 10.130 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

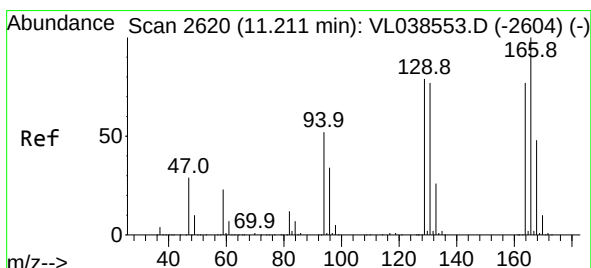
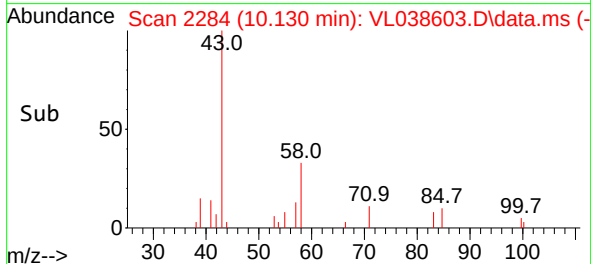
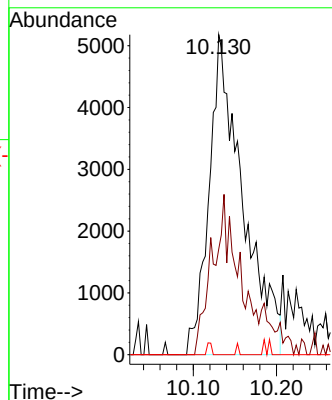
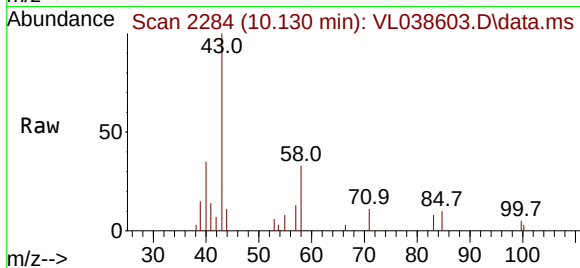
Tgt Ion: 43 Resp: 14550

Ion	Ratio	Lower	Upper
43	100		
58	0.0	40.1	60.1
98	0.0	0.4	0.6

Manual Integrations

APPROVED

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



#52

Tetrachloroethene

Concen: 0.424 ppbv

RT: 11.195 min Scan# 2615

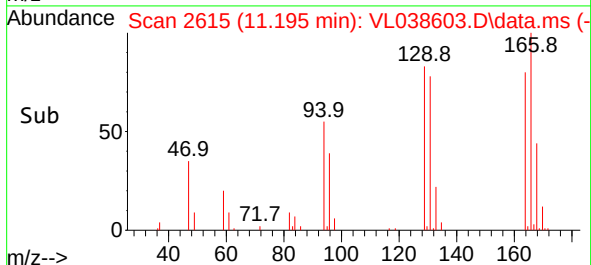
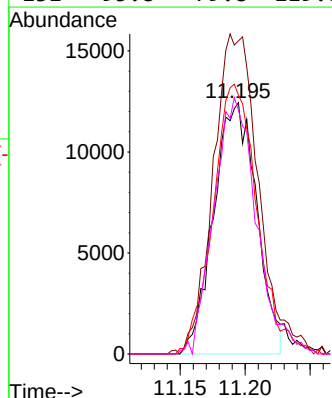
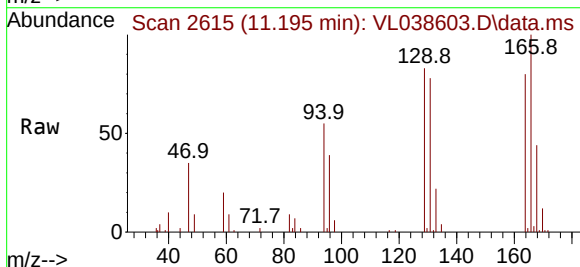
Delta R.T. -0.016 min

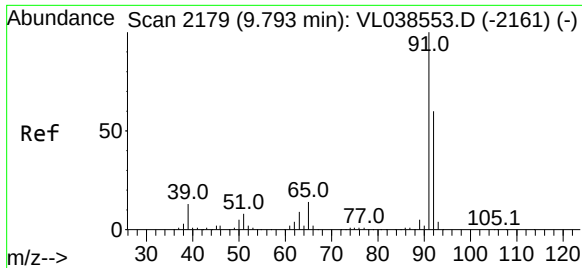
Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Tgt Ion:164 Resp: 28565

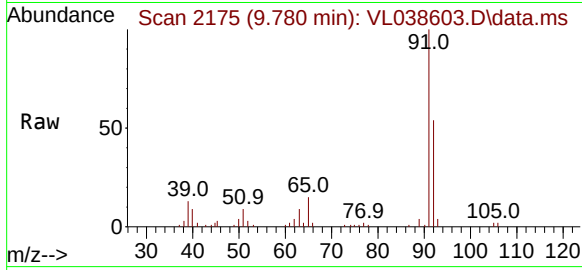
Ion	Ratio	Lower	Upper
164	100		
166	124.6	103.4	155.2
129	103.8	81.3	121.9
131	95.8	79.8	119.8





#53
Toluene
Concen: 0.369 ppbv
RT: 9.780 min Scan# 2179
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

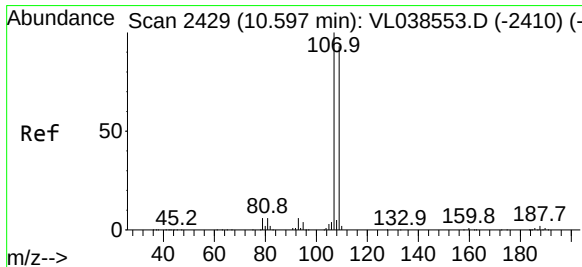
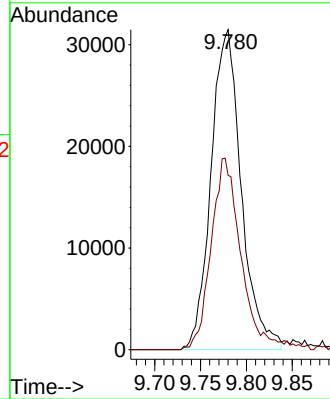
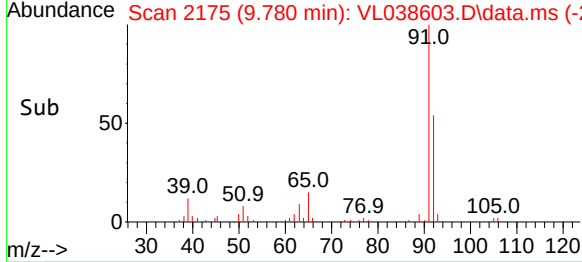
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 91 Resp: 72340
Ion Ratio Lower Upper
91 100
92 59.3 48.1 72.1

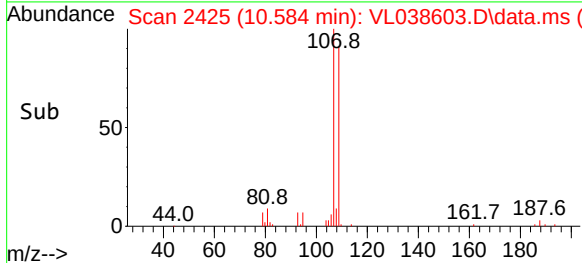
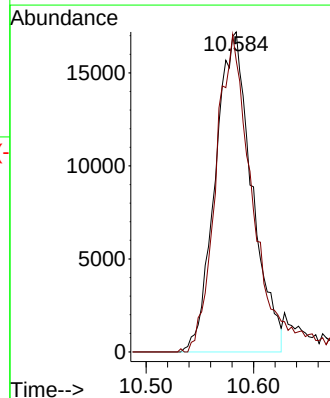
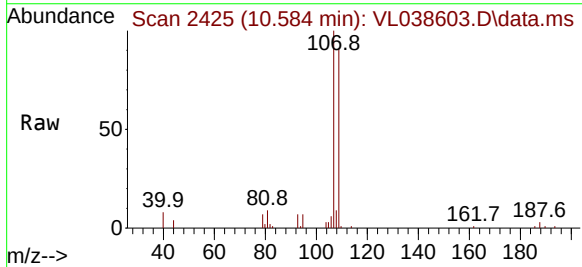
Manual Integrations
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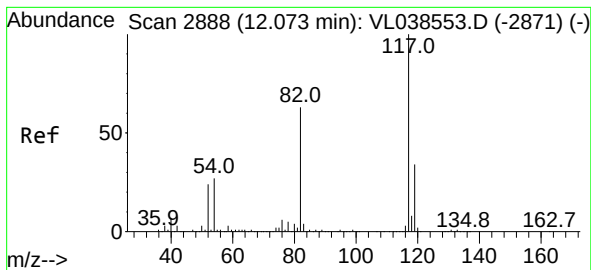
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
1,2-Dibromoethane
Concen: 0.394 ppbv
RT: 10.584 min Scan# 2425
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion:107 Resp: 40559
Ion Ratio Lower Upper
107 100
109 91.3 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: VL038603.D

Acq: 14 Mar 2022 19:28

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

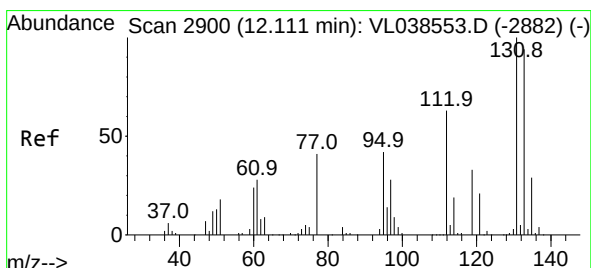
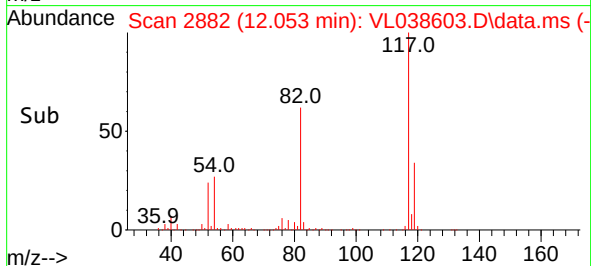
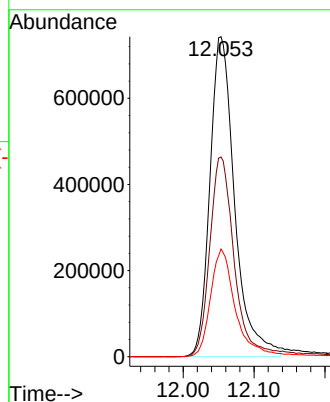
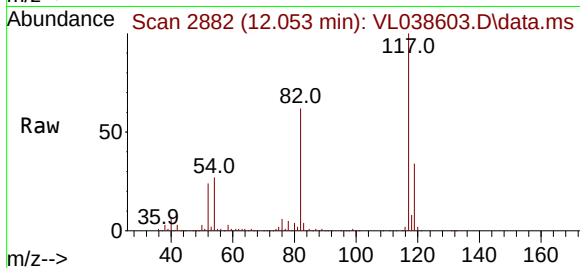
Tgt Ion:117 Resp: 180273

Ion	Ratio	Lower	Upper
117	100		
82	62.4	52.5	78.7
119	34.6	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: 0.571 ppbv m

RT: 12.095 min Scan# 2895

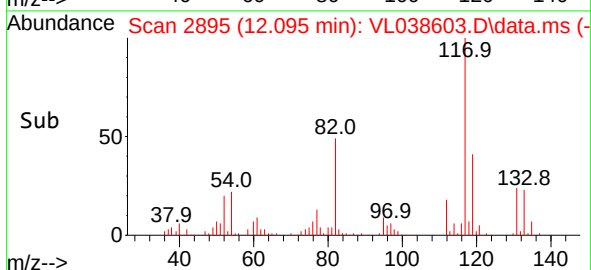
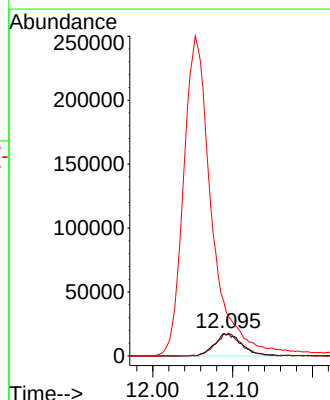
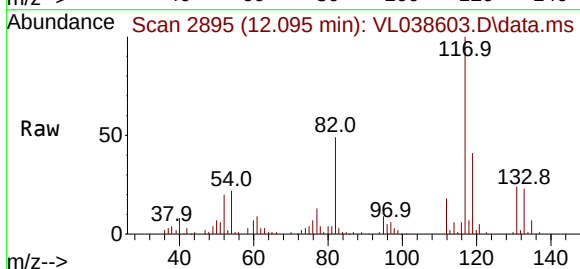
Delta R.T. -0.016 min

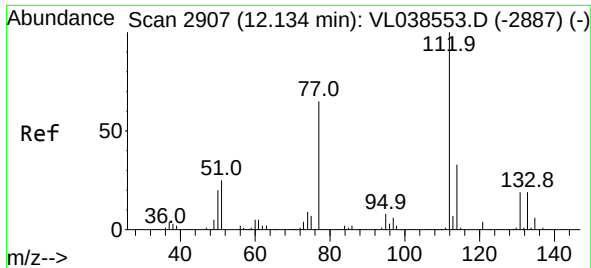
Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Tgt Ion:131 Resp: 41954

Ion	Ratio	Lower	Upper
131	100		
133	99.0	78.0	117.0
119	0.0	53.1	79.7





#57

Chlorobenzene

Concen: 0.539 ppbv

RT: 12.111 min Scan# 2907

Delta R.T. -0.022 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Instrument :

MSVOA_L

ClientSampleId :

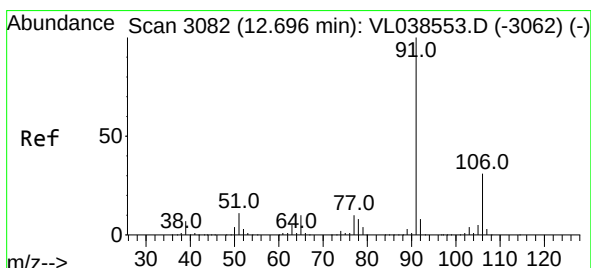
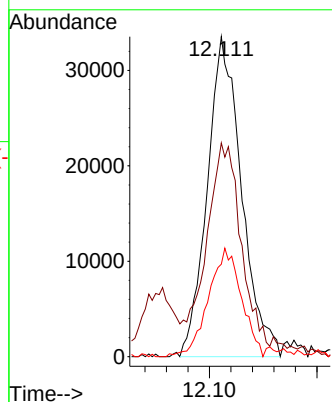
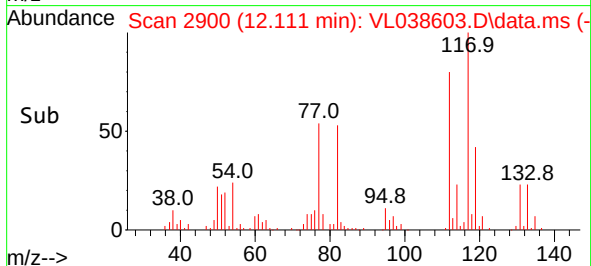
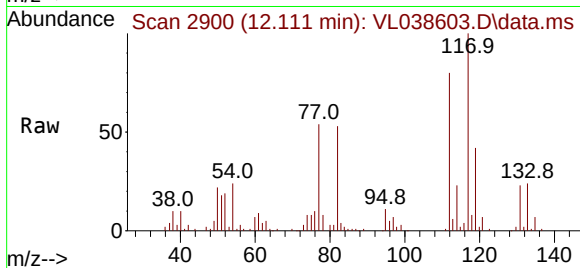
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:112	Resp:	74240
Ion Ratio	Lower	Upper
112	100	
77	58.5	52.5 78.7
114	27.5	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: 0.387 ppbv

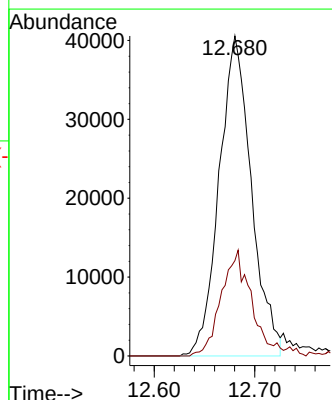
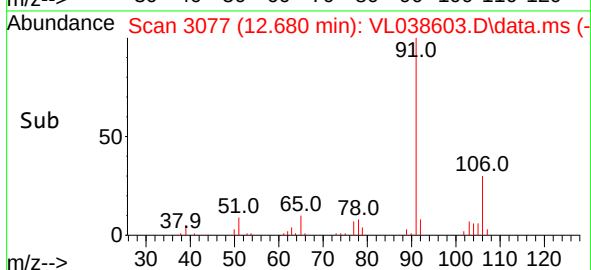
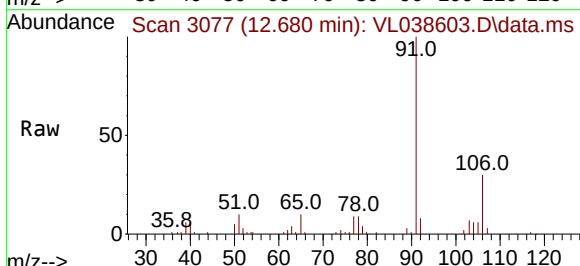
RT: 12.680 min Scan# 3077

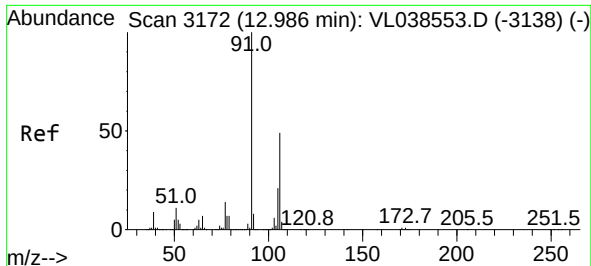
Delta R.T. -0.016 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

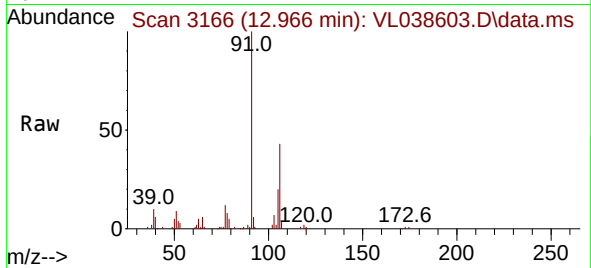
Tgt Ion: 91	Resp:	90327
Ion Ratio	Lower	Upper
91	100	
106	29.8	24.6 37.0





#59
m/p-Xylene
Concen: 0.877 ppbv m
RT: 12.966 min Scan# 3172
Delta R.T. -0.019 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

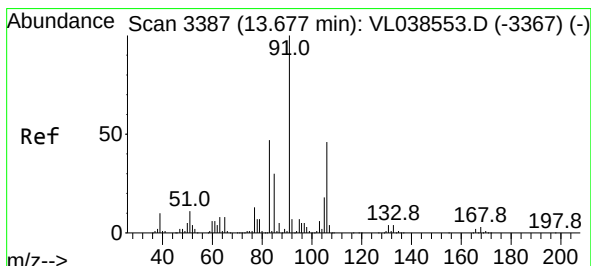
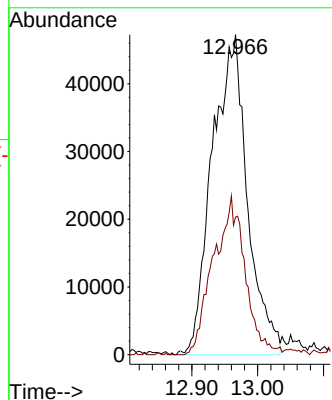
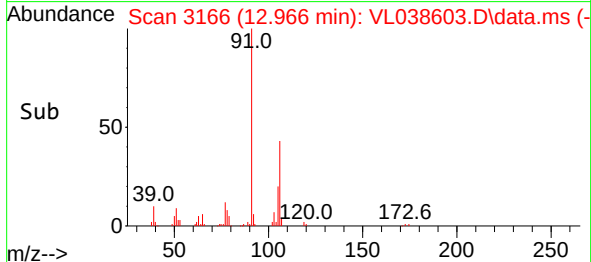
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 91 Resp: 17514
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7

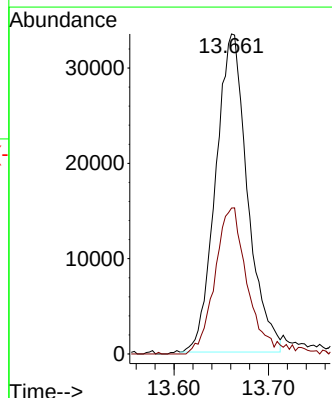
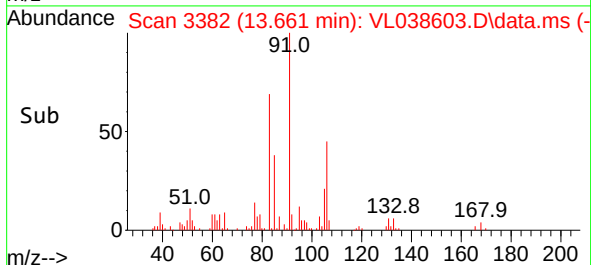
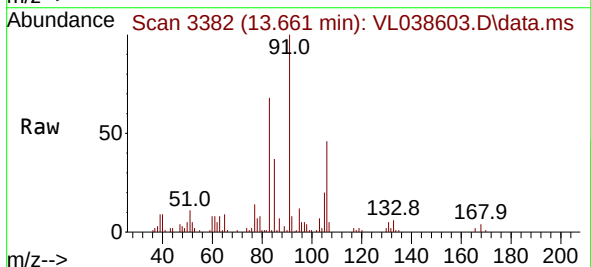
Manual Integrations
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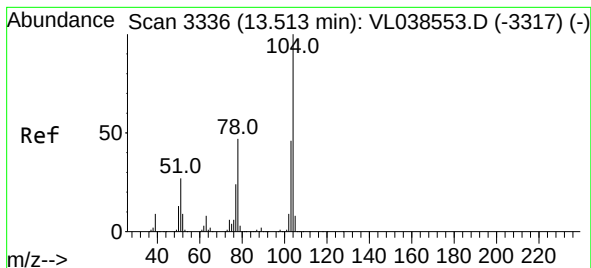
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#60
o-Xylene
Concen: 0.415 ppbv
RT: 13.661 min Scan# 3382
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion: 91 Resp: 78317
Ion Ratio Lower Upper
91 100
106 47.8 23.5 70.6





#61

Styrene

Concen: 0.280 ppbv

RT: 13.500 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Instrument :

MSVOA_L

ClientSampleId :

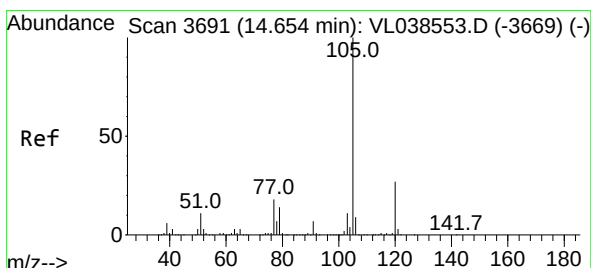
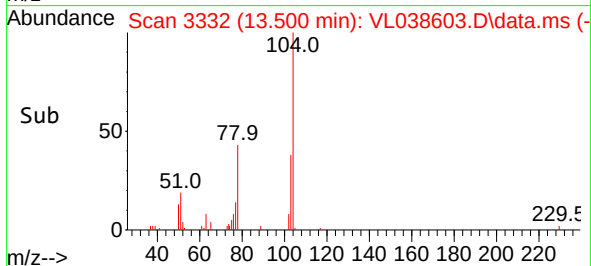
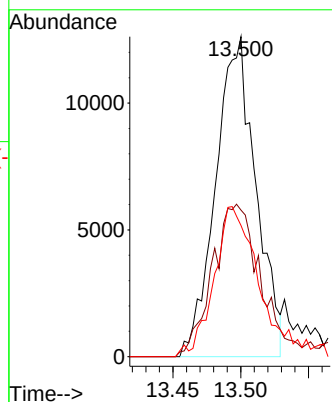
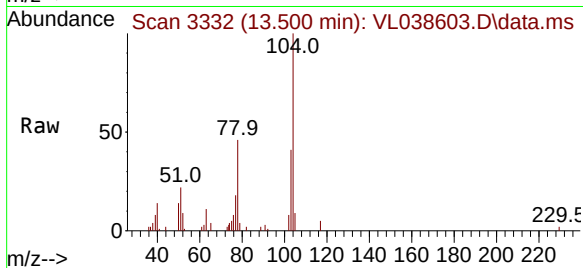
LOD-MDL-AIR-01-QT1-2022

Tgt Ion:104	Resp:	2601
Ion Ratio	Lower	Upper
104	100	
78	59.0	39.0 58.4
103	54.2	38.0 57.0

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.474 ppbv

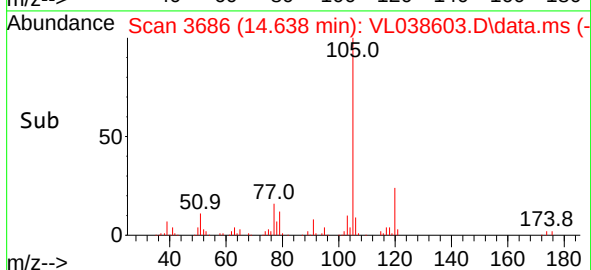
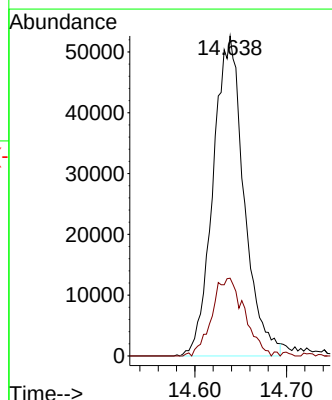
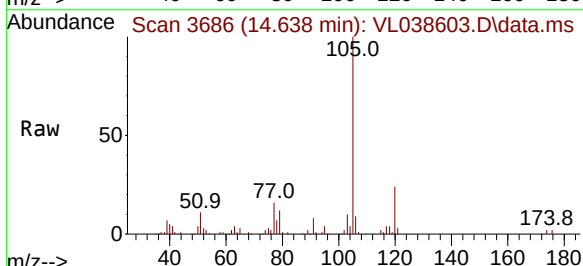
RT: 14.638 min Scan# 3686

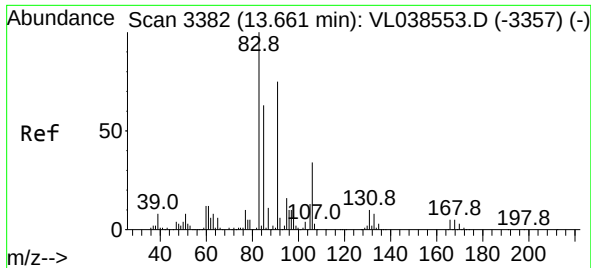
Delta R.T. -0.016 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

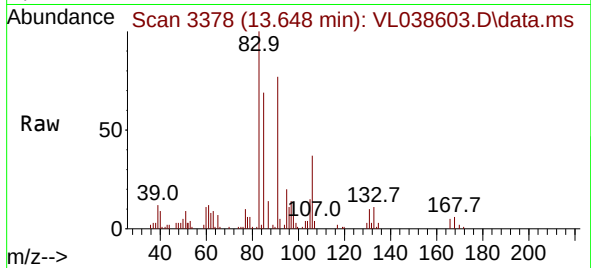
Tgt Ion:105	Resp:	123436
Ion Ratio	Lower	Upper
105	100	
120	26.0	21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.488 ppbv
RT: 13.648 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

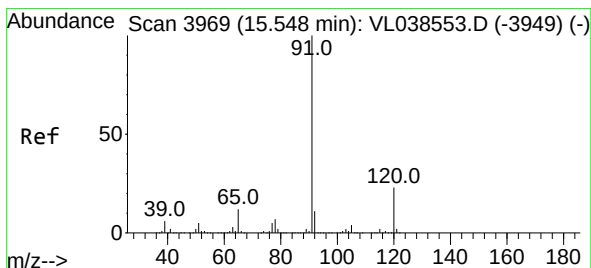
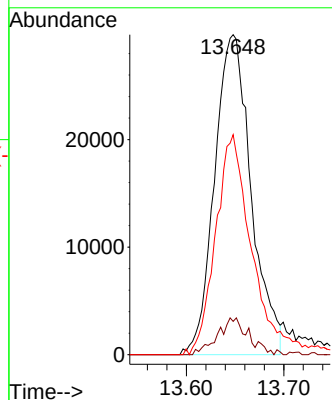
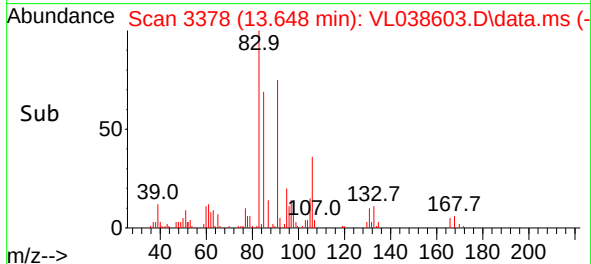
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 83 Resp: 77776
Ion Ratio Lower Upper
83 100
131 9.8 4.7 14.1
85 70.2 32.6 98.0

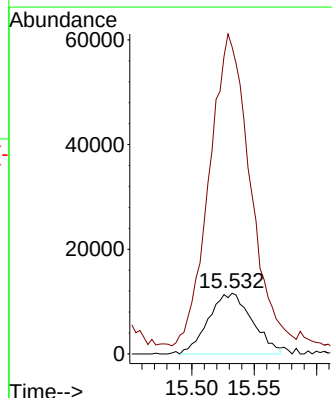
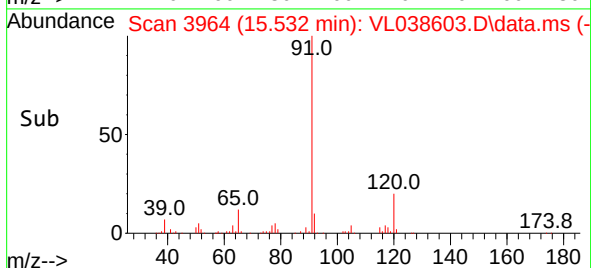
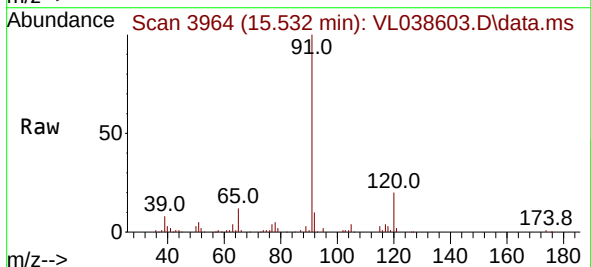
Manual Integrations
APPROVED

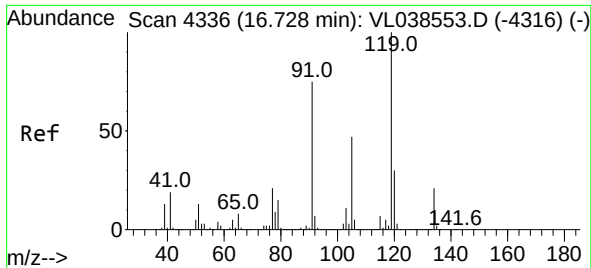
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#64
n-propylbenzene
Concen: 0.425 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

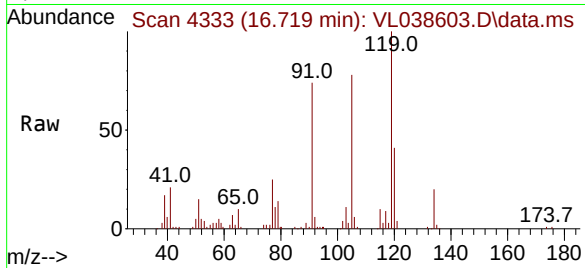
Tgt Ion:120 Resp: 28223
Ion Ratio Lower Upper
120 100
91 542.5 374.2 561.2





#65
tert-Butylbenzene
Concen: 0.446 ppbv
RT: 16.719 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

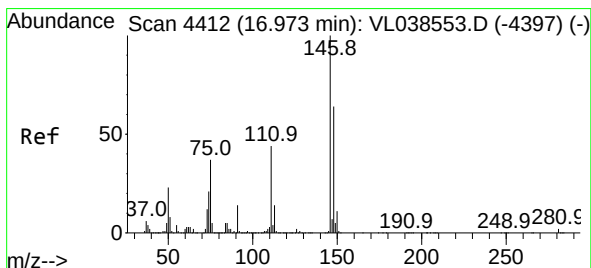
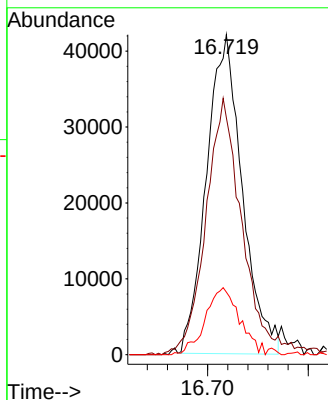
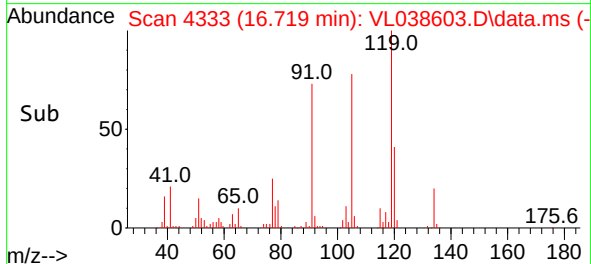
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



Tgt Ion: 119 Resp: 103850
Ion Ratio Lower Upper
119 100
91 83.3 61.2 91.8
134 20.6 16.2 24.2

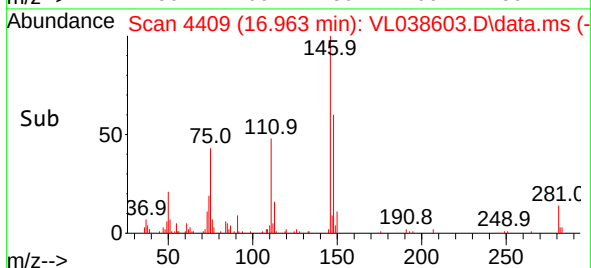
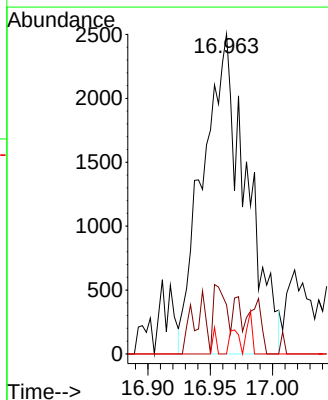
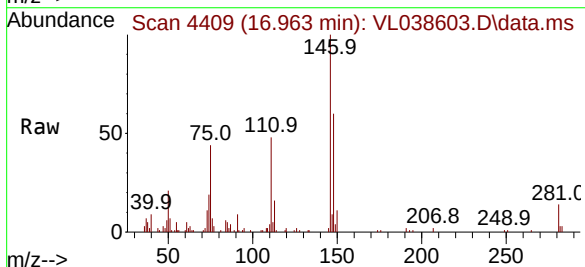
Manual Integrations
APPROVED

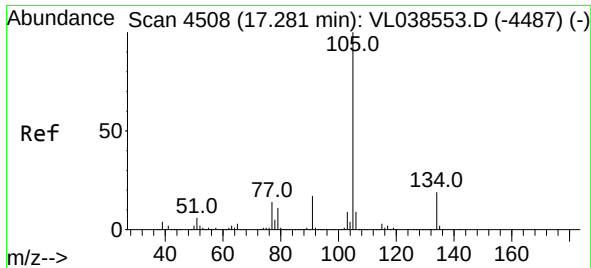
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
Benzyl Chloride
Concen: 0.440 ppbv m
RT: 16.963 min Scan# 4409
Delta R.T. -0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

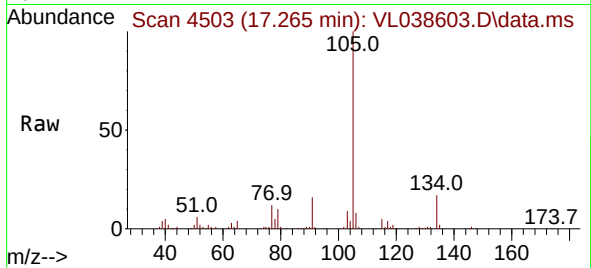
Tgt Ion: 91 Resp: 6072
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 0.0 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.455 ppbv
 RT: 17.265 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

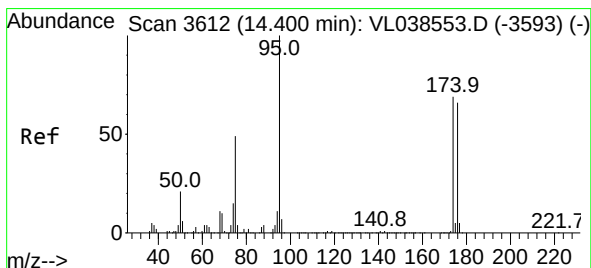
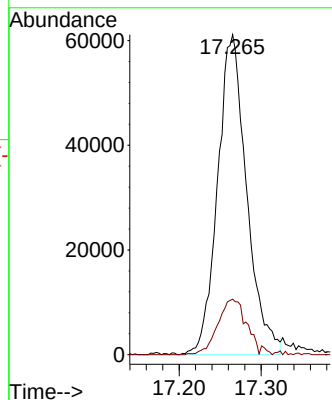
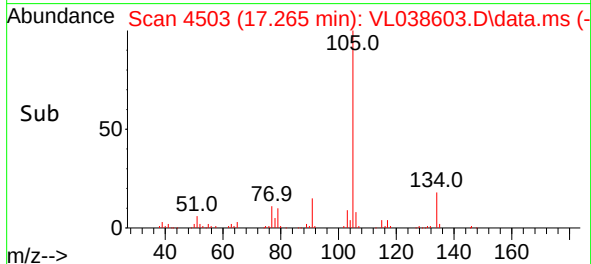
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2022



Tgt Ion:105 Resp: 150534
 Ion Ratio Lower Upper
 105 100
 134 17.9 15.0 22.6

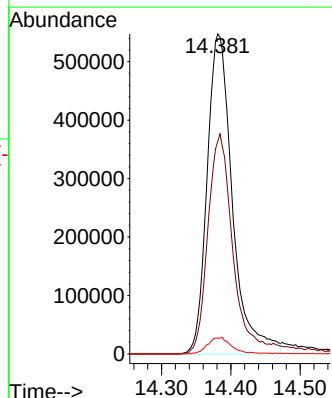
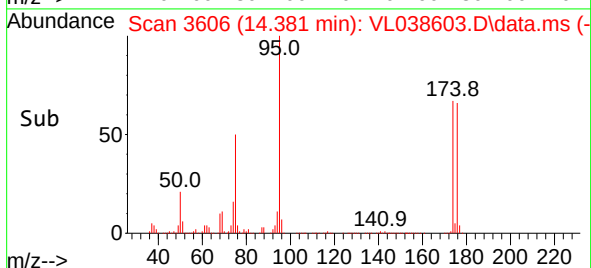
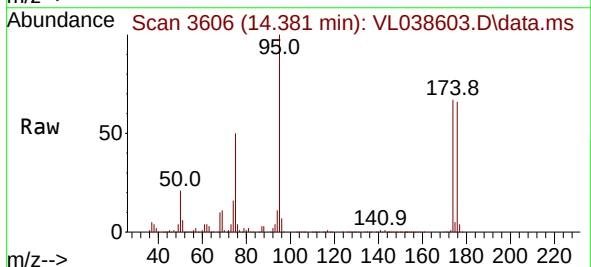
Manual Integrations
 APPROVED

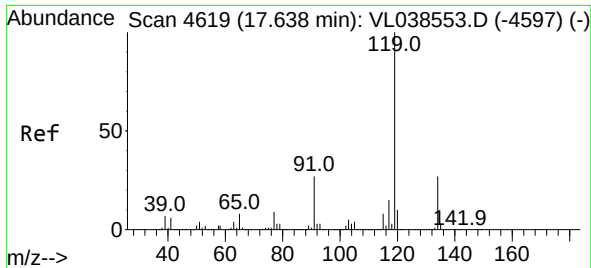
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.143 ppbv
 RT: 14.381 min Scan# 3606
 Delta R.T. -0.019 min
 Lab File: VL038603.D
 Acq: 14 Mar 2022 19:28

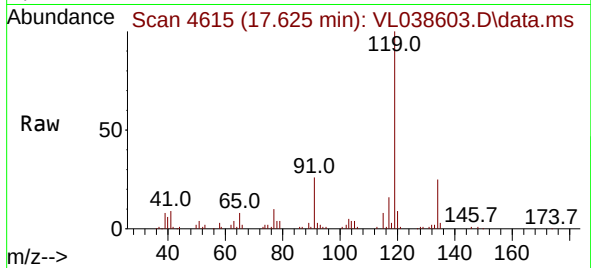
Tgt Ion: 95 Resp: 1390216
 Ion Ratio Lower Upper
 95 100
 174 71.5 56.2 84.4
 175 5.3 4.2 6.2





#69
p-Isopropyltoluene
Concen: 0.415 ppbv m
RT: 17.625 min Scan# 4615
Delta R.T. -0.013 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

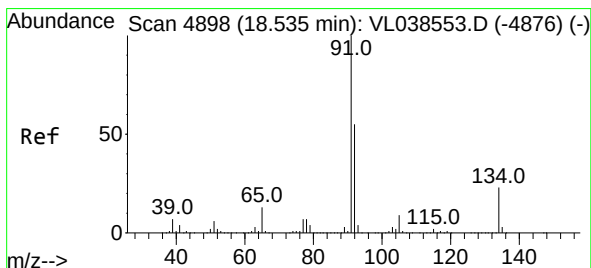
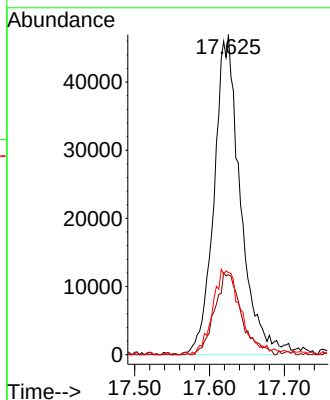
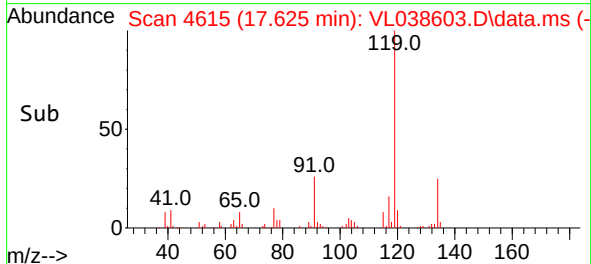
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



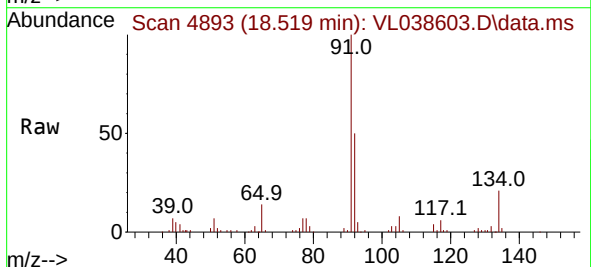
Tgt Ion:119 Resp: 113740
Ion Ratio Lower Upper
119 100
134 26.7 20.9 31.3
91 30.4 21.1 31.7

Manual Integrations
APPROVED

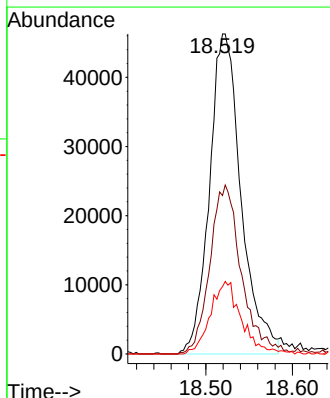
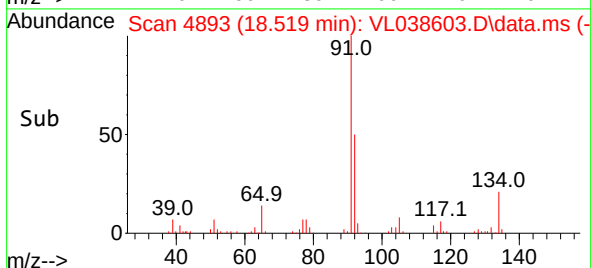
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

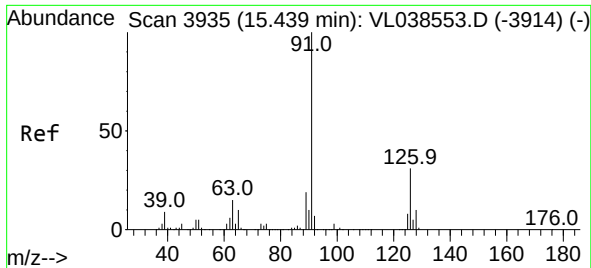


#70
n-Butylbenzene
Concen: 0.403 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28



Tgt Ion: 91 Resp: 117648
Ion Ratio Lower Upper
91 100
92 53.0 43.8 65.8
134 22.4 18.7 28.1





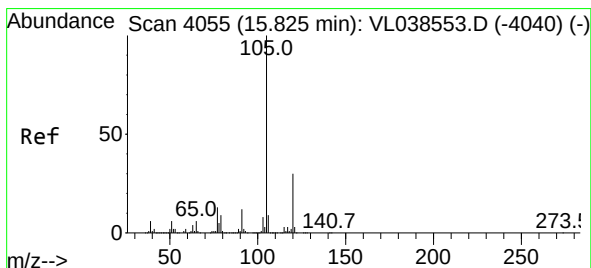
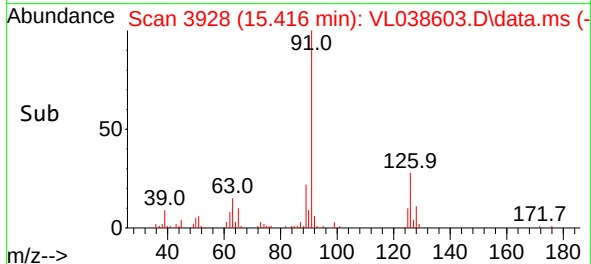
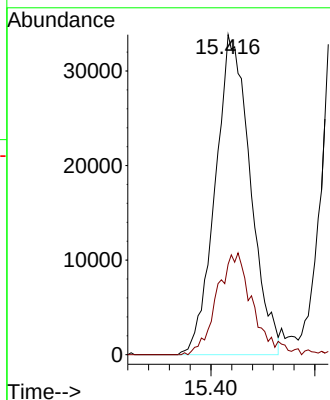
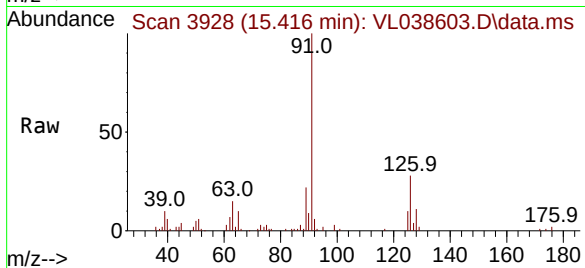
#71
2-Chlorotoluene
Concen: 0.410 ppbv
RT: 15.416 min Scan# 3935
Delta R.T. -0.022 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

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

Tgt Ion: 91 Resp: 79190
Ion Ratio Lower Upper
91 100
126 33.3 12.9 51.7

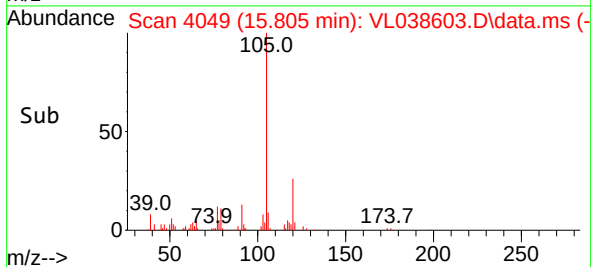
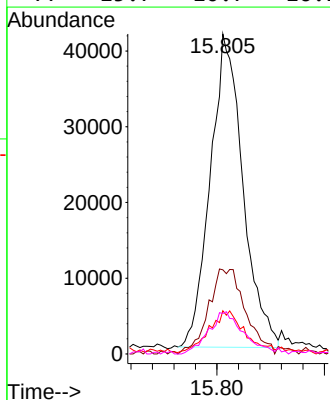
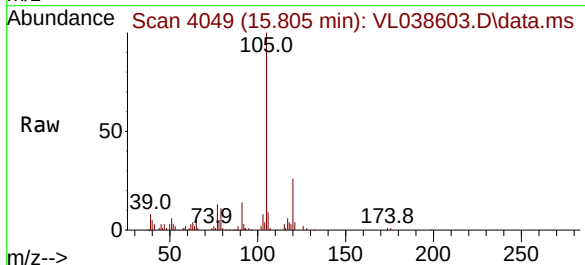
Manual Integrations
APPROVED

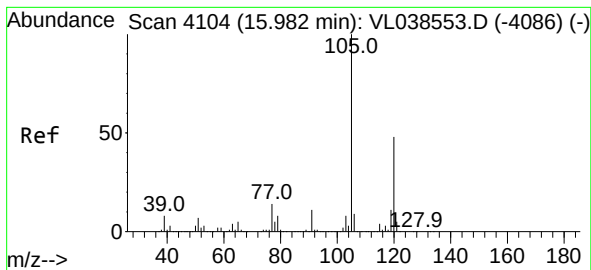
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
4-Ethyltoluene
Concen: 0.402 ppbv
RT: 15.805 min Scan# 4049
Delta R.T. -0.019 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion:105 Resp: 87156
Ion Ratio Lower Upper
105 100
120 32.2 25.0 37.4
91 15.7 9.8 14.6#
77 15.7 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.408 ppbv

RT: 15.966 min Scan# 4099

Delta R.T. -0.016 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2022

Tgt Ion:105 Resp: 8200

Ion Ratio Lower Upper

105 100

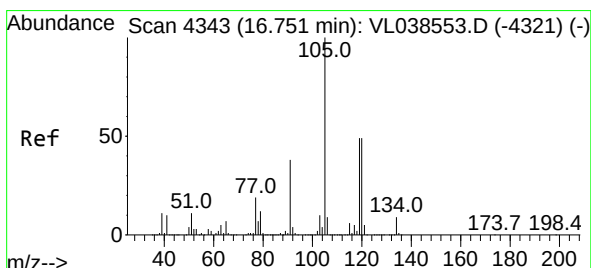
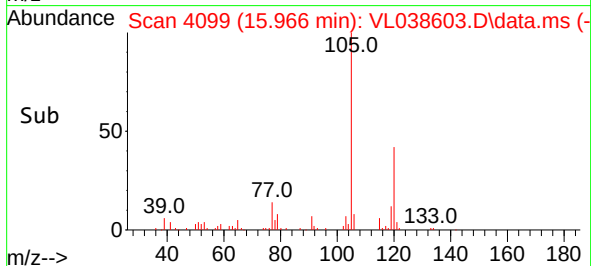
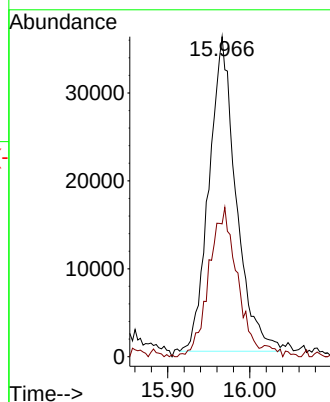
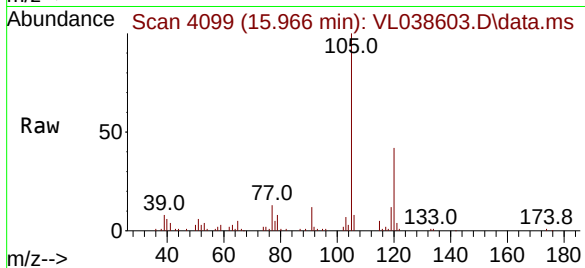
120 41.4 38.3 57.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.451 ppbv

RT: 16.728 min Scan# 4336

Delta R.T. -0.023 min

Lab File: VL038603.D

Acq: 14 Mar 2022 19:28

Tgt Ion:105 Resp: 96990

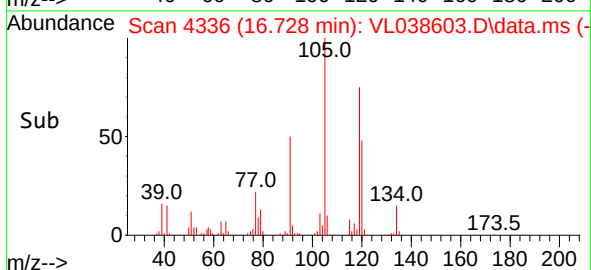
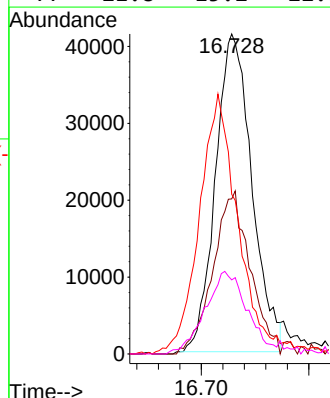
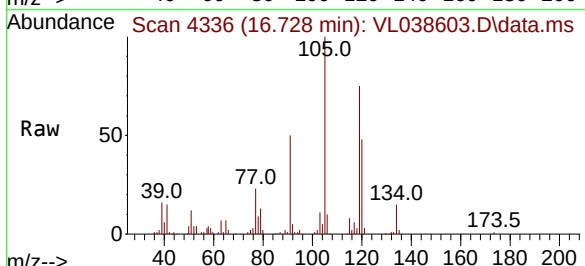
Ion Ratio Lower Upper

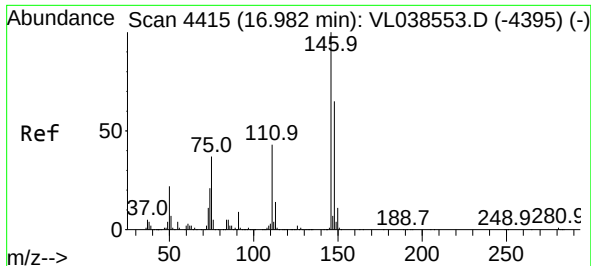
105 100

120 48.8 38.9 58.3

91 47.0 30.6 46.0#

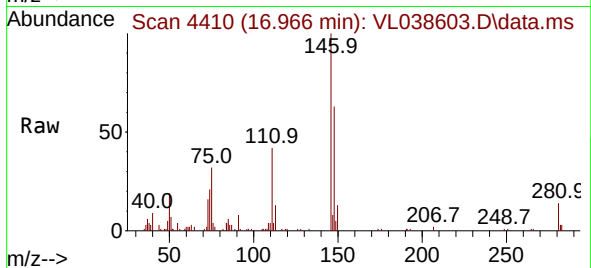
77 21.8 15.2 22.8





#75
1,3-Dichlorobenzene
Concen: 0.455 ppbv
RT: 16.966 min Scan# 4410
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

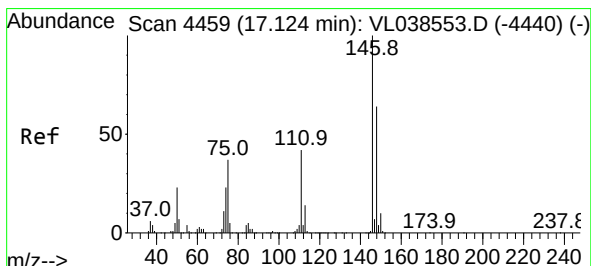
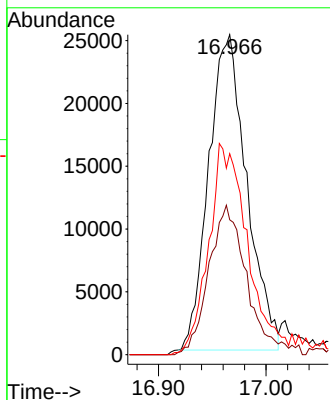
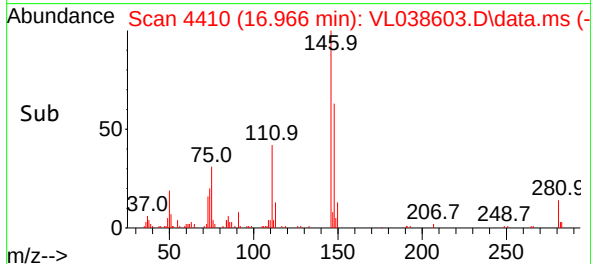
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2022



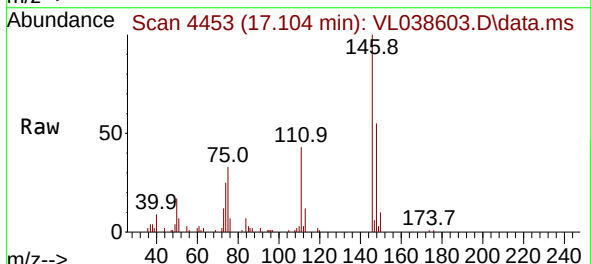
Tgt Ion:146 Resp: 6174
Ion Ratio Lower Upper
146 100
111 47.4 21.9 65.8
148 70.4 32.2 96.6

Manual Integrations
APPROVED

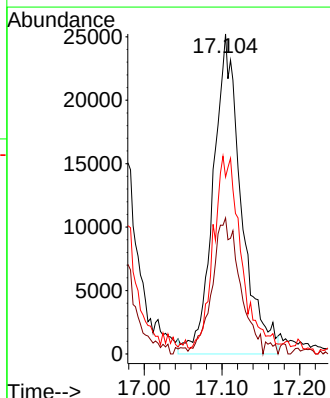
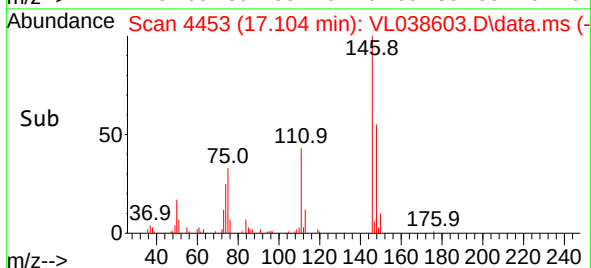
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

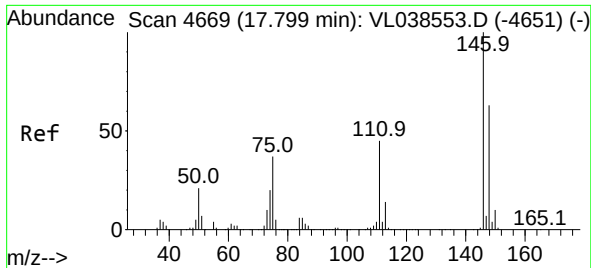


#76
1,4-Dichlorobenzene
Concen: 0.469 ppbv m
RT: 17.104 min Scan# 4453
Delta R.T. -0.019 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28



Tgt Ion:146 Resp: 63026
Ion Ratio Lower Upper
146 100
111 44.1 21.8 65.3
148 66.2 32.8 98.4





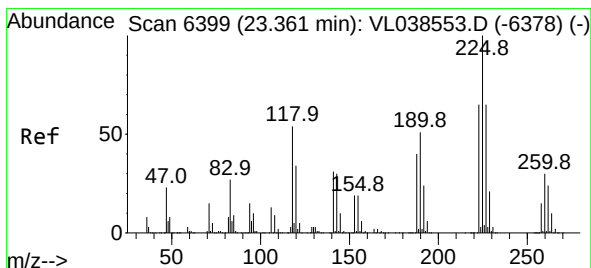
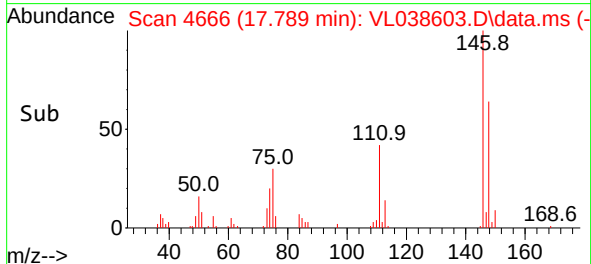
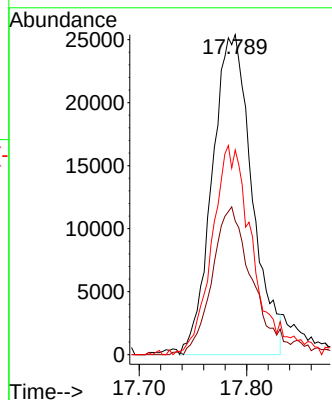
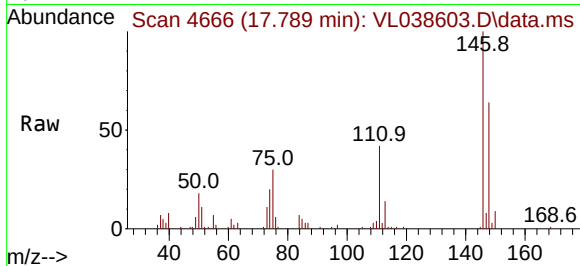
#77
1,2-Dichlorobenzene
Concen: 0.476 ppbv
RT: 17.789 min Scan# 4666
Delta R.T. -0.010 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

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

Tgt Ion:146 Resp: 6534
Ion Ratio Lower Upper
146 100
111 48.8 23.2 69.5
148 68.1 32.6 98.0

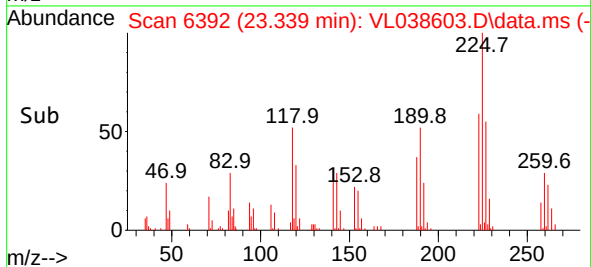
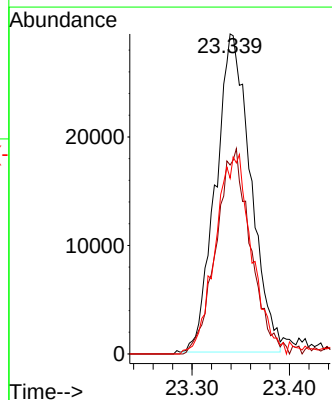
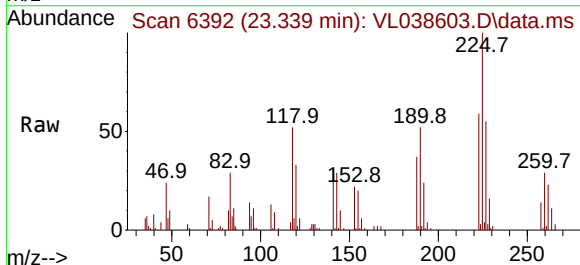
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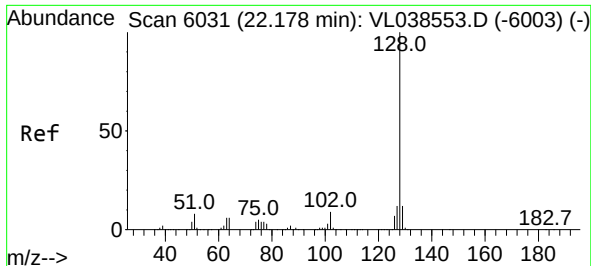
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#78
Hexachloro-1,3-Butadiene
Concen: 0.546 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.023 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

Tgt Ion:225 Resp: 73030
Ion Ratio Lower Upper
225 100
223 64.2 51.4 77.0
227 66.7 51.9 77.9





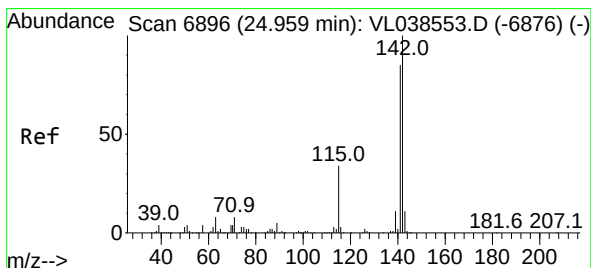
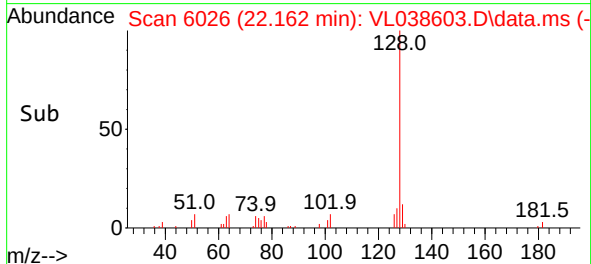
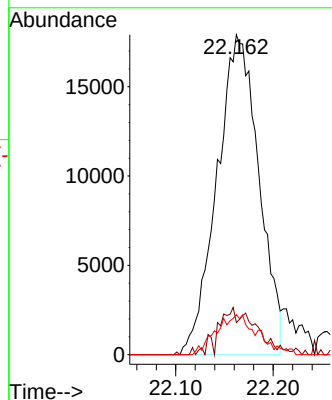
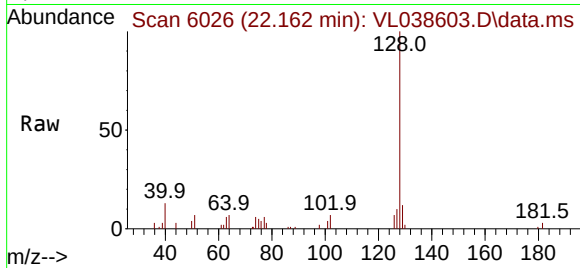
#79
Naphthalene
Concen: 0.277 ppbv
RT: 22.162 min Scan# 6031
Delta R.T. -0.016 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

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

Tgt Ion:128 Resp: 5352
Ion Ratio Lower Upper
128 100
127 10.0 9.9 14.9
129 12.5 9.3 13.9

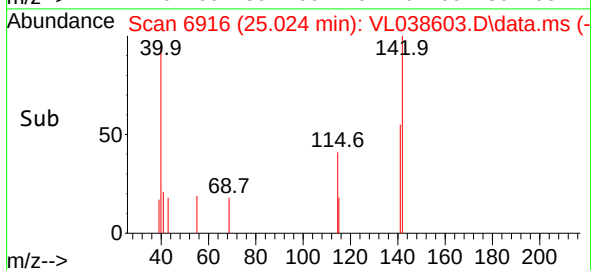
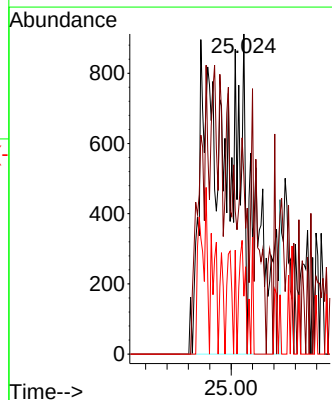
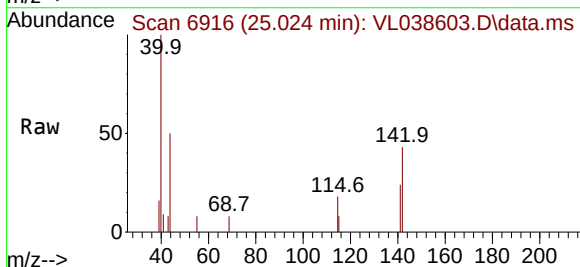
Manual Integrations
APPROVED

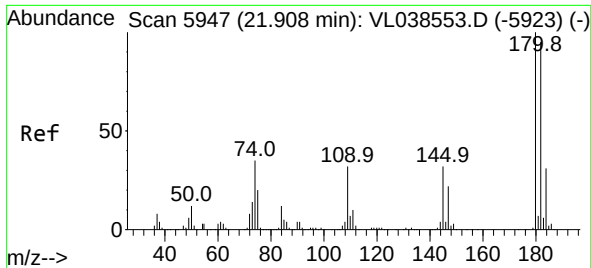
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80
Naphthalene,2-methyl-
Concen: 0.138 ppbv m
RT: 25.024 min Scan# 6916
Delta R.T. 0.064 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

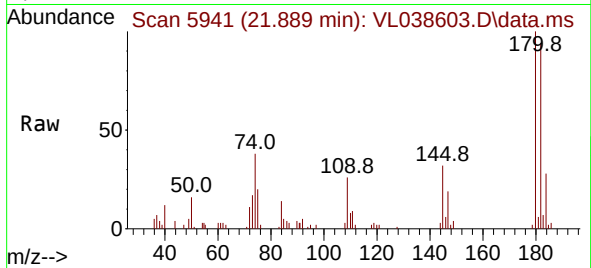
Tgt Ion:142 Resp: 4708
Ion Ratio Lower Upper
142 100
141 57.1 68.4 102.6#
115 9.1 27.9 41.9#





#81
1,2,4-Trichlorobenzene
Concen: 0.336 ppbv
RT: 21.889 min Scan# 5941
Delta R.T. -0.019 min
Lab File: VL038603.D
Acq: 14 Mar 2022 19:28

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



Tgt Ion:180 Resp: 41528
Ion Ratio Lower Upper
180 100
182 103.7 79.1 118.7
184 29.7 25.0 37.6

Manual Integrations
APPROVED

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

