

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038605.D
 Acq On : 14 Mar 2022 20:42
 Operator : SY/AP
 Sample : N1645-14 0.5 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 01:45:54 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 01:45:54 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.642	49	768467	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	2000224	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	1799674	10.000	ppbv	#-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.381 95 1402736 10.252 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.038	85	89443	0.771	ppbv	96
3) Chlorodifluoromethane	2.980	51	82615	0.610	ppbv	100
4) Chloromethane	3.131	50	31057	0.618	ppbv	100
5) Vinyl Chloride	3.243	62	27432	0.544	ppbv #	87
6) Bromomethane	3.465	94	16278	0.602	ppbv #	79
7) Chloroethane	3.546	64	9562	0.586	ppbv	90
8) Dichlorotetrafluoroethane	3.179	85	73407	0.652	ppbv	99
9) Propene	3.006	41	24497	0.512	ppbv	94
10) Heptane	8.095	43	53970	0.472	ppbv	94
11) Trichlorofluoromethane	3.935	101	61215	0.602	ppbv	95
12) 1,1,2-Trichlorotrifluoro...	4.468	101	47704	0.603	ppbv	96
13) Ethanol	3.607	45	4539m	0.826	ppbv	
14) Bromoethene	3.726	108	19115	0.567	ppbv #	88
15) Acetone	3.851	43	31006	0.572	ppbv	90
16) 1,3-Butadiene	3.317	39	23728	0.545	ppbv	92
17) tert-Butyl alcohol	4.292	59	27316	0.464	ppbv #	91
18) 1,1-Dichloroethene	4.276	96	20867	0.589	ppbv	86
19) Isopropyl Alcohol	3.973	45	17186	0.475	ppbv #	86
20) Methylene Chloride	4.330	84	19134	0.587	ppbv	99
21) Allyl Chloride	4.391	41	26718	0.511	ppbv #	88
22) trans-1,2-Dichloroethene	4.867	96	18555	0.500	ppbv	98
23) Vinyl Acetate	5.060	43	39456m	0.508	ppbv	
24) 1,1-Dichloroethane	4.989	63	42019	0.595	ppbv	99
25) Ethyl Acetate	5.668	43	97123	0.532	ppbv	97
26) Hexane	5.665	57	43099	0.503	ppbv #	85
27) Carbon Disulfide	4.533	76	43684	0.512	ppbv #	85
28) Methyl tert-Butyl Ether	5.028	73	37022	0.531	ppbv	99
29) Chloroform	5.729	83	79503	0.596	ppbv	95
30) Cyclohexane	7.105	84	37037m	0.500	ppbv	
31) cis-1,2-Dichloroethene	5.530	61	41061m	0.501	ppbv	
32) 1,1,1-Trichloroethane	6.484	97	70568	0.545	ppbv	96
34) 2-Butanone	5.240	43	25160	0.485	ppbv #	87
35) Carbon Tetrachloride	6.989	117	75505	0.553	ppbv	99
36) Benzene	6.864	78	84525	0.468	ppbv	96
37) 1,2-Dichloroethane	6.279	62	49722	0.576	ppbv	99
38) Trichloroethene	7.803	130	34132	0.473	ppbv	95
39) 1,2-Dichloropropane	7.587	63	37822	0.545	ppbv	95
40) 1,4-Dioxane	7.851	88	9877m	0.569	ppbv	
41) Tetrahydrofuran	6.060	42	16934m	0.399	ppbv	
42) Bromodichloromethane	7.761	83	73658	0.539	ppbv	92
43) Methyl Methacrylate	7.996	69	26222m	0.423	ppbv	
44) 2,2,4-Trimethylpentane	7.845	57	154599	0.507	ppbv	94
45) t-1,3-Dichloropropene	9.250	75	16708m	0.374	ppbv	

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Quant Time: Mar 15 01:45:54 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

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)
46) cis-1,3-Dichloropropene	8.677	75	24134	0.395	ppbv #	85
47) 1,1,2-Trichloroethane	9.446	97	38136	0.539	ppbv	90
48) Dibromochloromethane	10.269	129	56429	0.502	ppbv	98
49) Bromoform	13.005	173	44621	0.519	ppbv	97
50) 4-Methyl-2-Pentanone	8.738	43	43122m	0.406	ppbv	
51) 2-Hexanone	10.144	43	15093m	0.336	ppbv	
52) Tetrachloroethene	11.192	164	30542	0.462	ppbv	88
53) Toluene	9.774	91	78236	0.406	ppbv	99
54) 1,2-Dibromoethane	10.581	107	47577	0.471	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.095	131	45153	0.616	ppbv #	1
57) Chlorobenzene	12.111	112	82289	0.599	ppbv	95
58) Ethyl Benzene	12.677	91	101090	0.434	ppbv	100
59) m/p-Xylene	12.963	91	194037m	0.973	ppbv	
60) o-Xylene	13.658	91	86953	0.462	ppbv	97
61) Styrene	13.494	104	32451m	0.350	ppbv	
62) Isopropylbenzene	14.638	105	140408m	0.540	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.639	83	91299m	0.574	ppbv	
64) n-propylbenzene	15.532	120	33269	0.502	ppbv	84
65) tert-Butylbenzene	16.716	119	121663m	0.523	ppbv	
66) Benzyl Chloride	16.970	91	7044m	0.511	ppbv	
67) sec-Butylbenzene	17.265	105	169536	0.513	ppbv	98
69) p-Isopropyltoluene	17.622	119	128566	0.470	ppbv	97
70) n-Butylbenzene	18.519	91	134366	0.461	ppbv	97
71) 2-Chlorotoluene	15.420	91	90599	0.469	ppbv	100
72) 4-Ethyltoluene	15.809	105	98670	0.456	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.966	105	93536	0.466	ppbv	95
74) 1,2,4-Trimethylbenzene	16.728	105	109596	0.511	ppbv #	91
75) 1,3-Dichlorobenzene	16.960	146	71698	0.530	ppbv	95
76) 1,4-Dichlorobenzene	17.101	146	62410	0.465	ppbv	90
77) 1,2-Dichlorobenzene	17.786	146	74008	0.540	ppbv	95
78) Hexachloro-1,3-Butadiene	23.342	225	81750	0.612	ppbv	99
79) Naphthalene	22.159	128	61869	0.321	ppbv	95
80) Naphthalene,2-methyl-	24.956	142	6550m	0.192	ppbv	
81) 1,2,4-Trichlorobenzene	21.892	180	44346	0.360	ppbv	92

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

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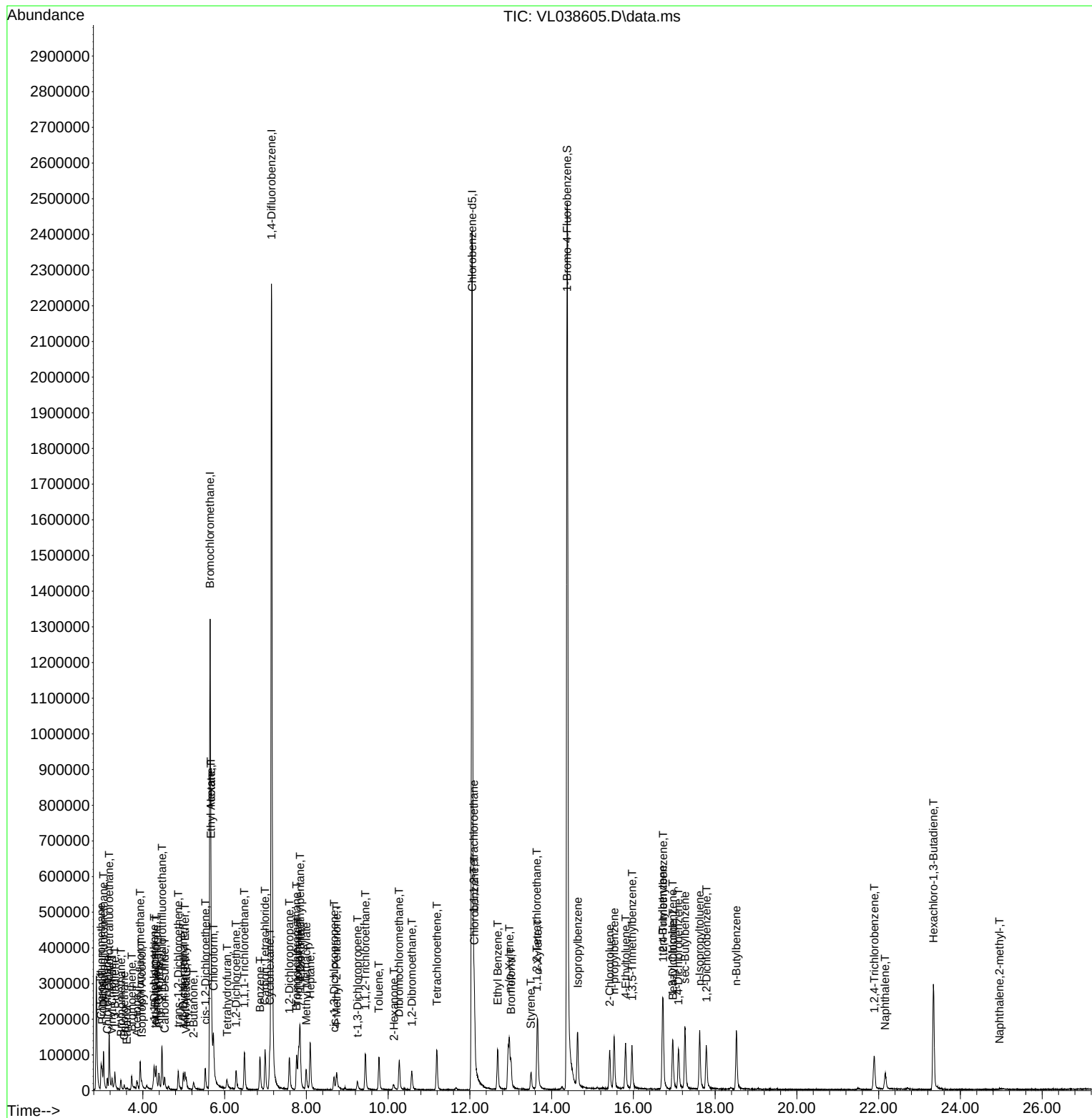
Quant Time: Mar 15 01:45:54 2022

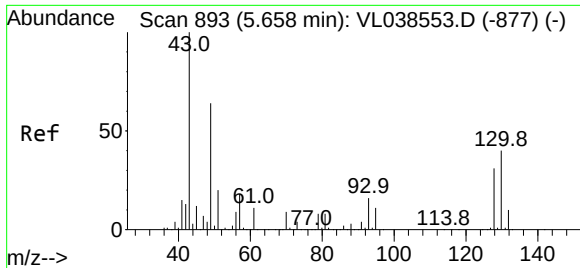
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar

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

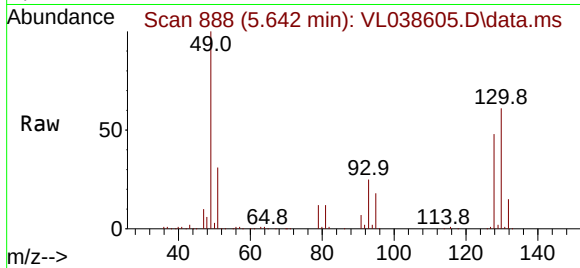
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL038605.D
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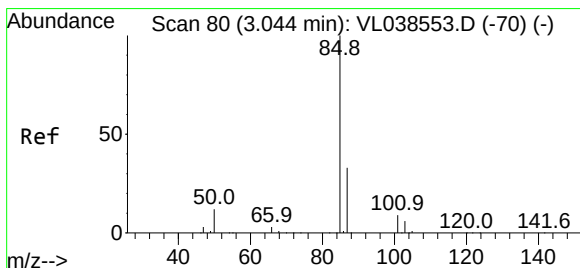
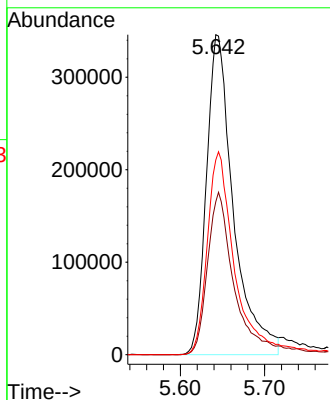
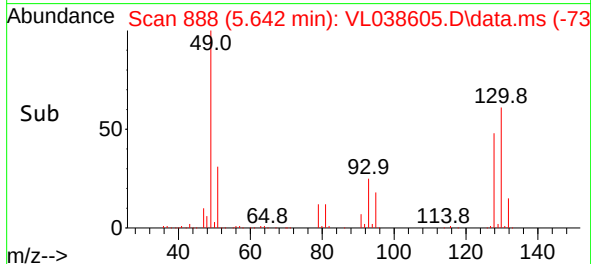
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 49 Resp: 76846
Ion Ratio Lower Upper
49 100
128 52.7 26.4 79.2
130 67.5 33.0 98.9

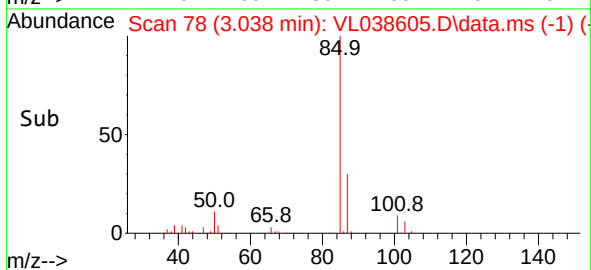
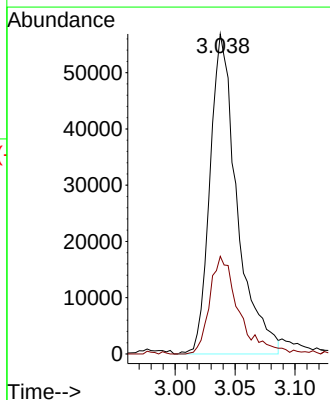
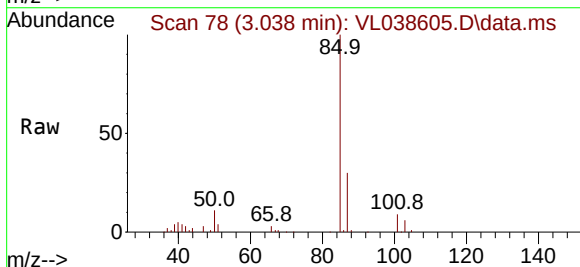
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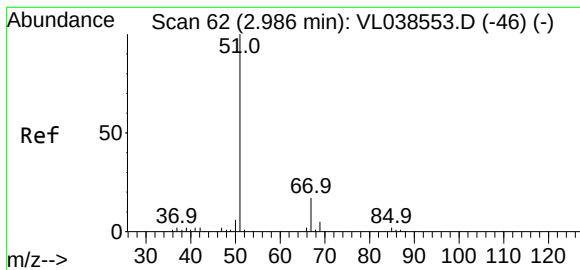
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 0.771 ppbv
RT: 3.038 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion: 85 Resp: 89443
Ion Ratio Lower Upper
85 100
87 30.5 26.2 39.2





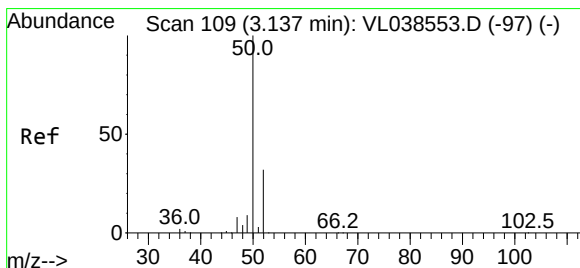
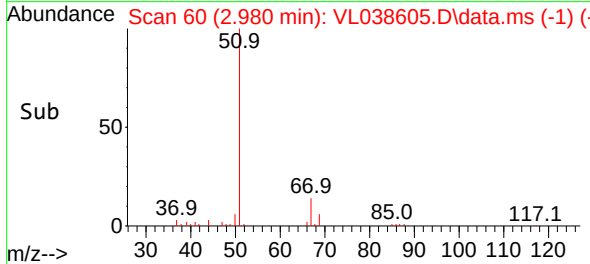
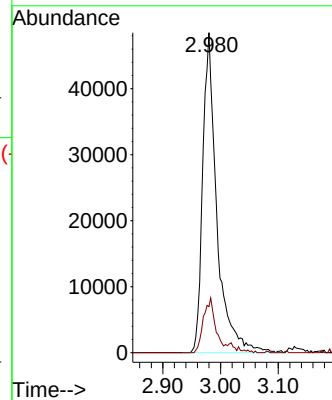
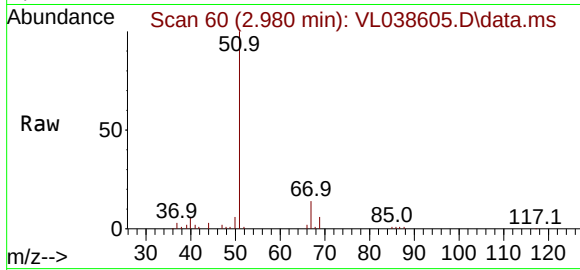
#3
Chlorodifluoromethane
Concen: 0.610 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 51 Resp: 8261
Ion Ratio Lower Upper
51 100
67 16.9 13.6 20.4

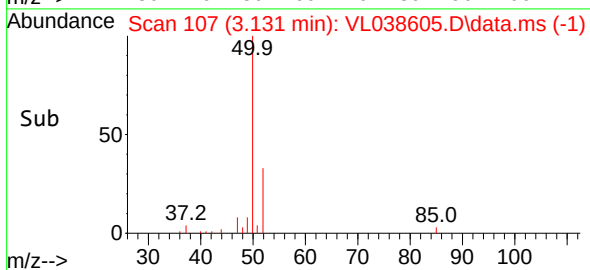
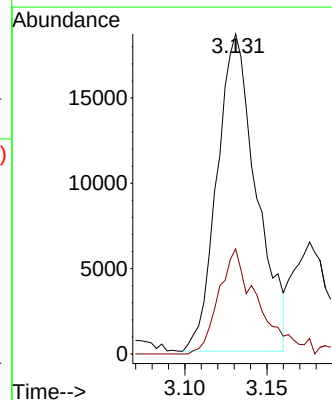
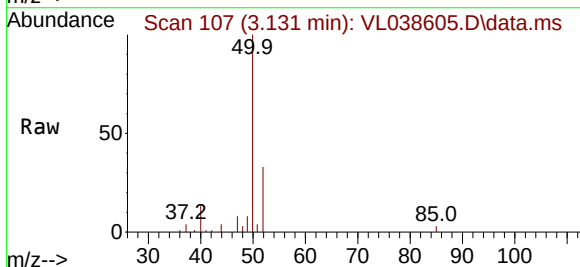
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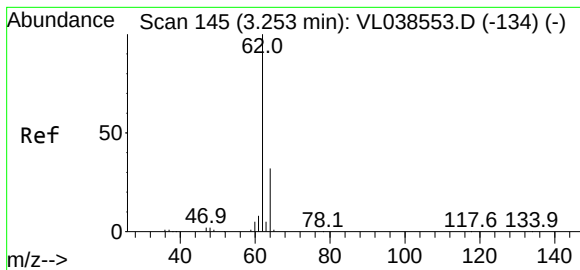
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Chloromethane
Concen: 0.618 ppbv
RT: 3.131 min Scan# 107
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

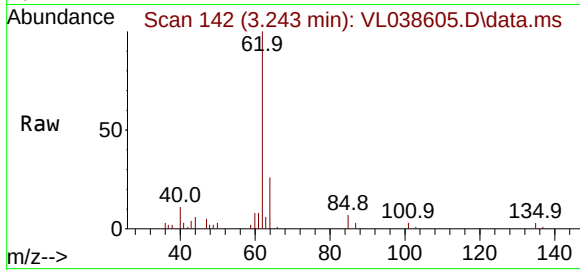
Tgt Ion: 50 Resp: 31057
Ion Ratio Lower Upper
50 100
52 31.9 25.6 38.4





#5
 Vinyl Chloride
 Concen: 0.544 ppbv
 RT: 3.243 min Scan# 145
 Delta R.T. -0.009 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

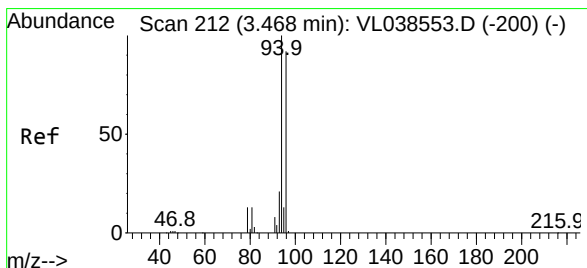
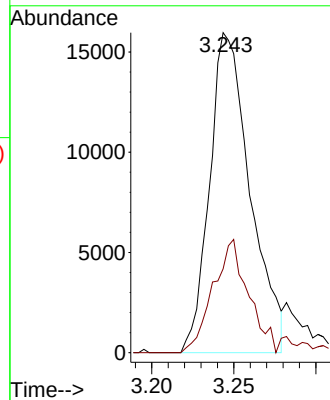
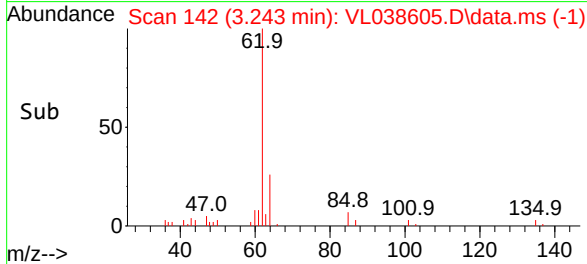
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 62 Resp: 2743
 Ion Ratio Lower Upper
 62 100
 64 24.7 25.8 38.6

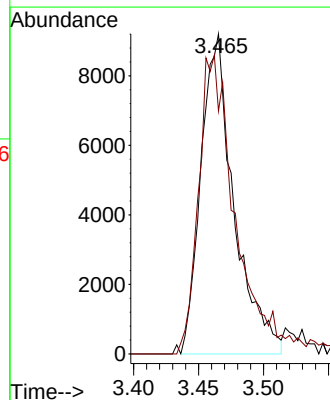
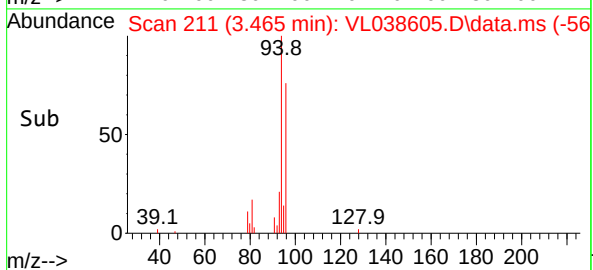
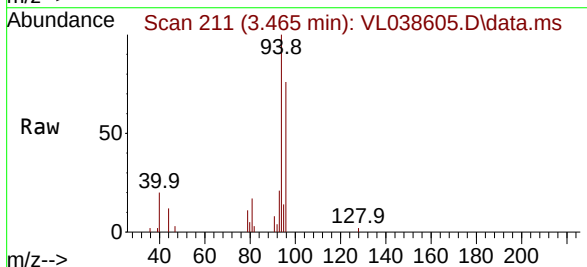
Manual Integrations
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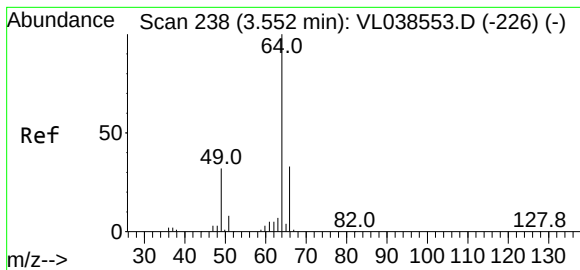
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#6
 Bromomethane
 Concen: 0.602 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.003 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

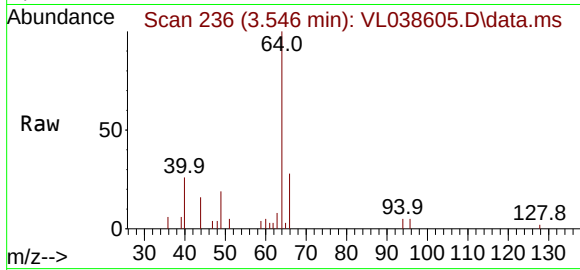
Tgt Ion: 94 Resp: 16278
 Ion Ratio Lower Upper
 94 100
 96 72.4 73.7 110.5





#7
Chloroethane
Concen: 0.586 ppbv
RT: 3.546 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

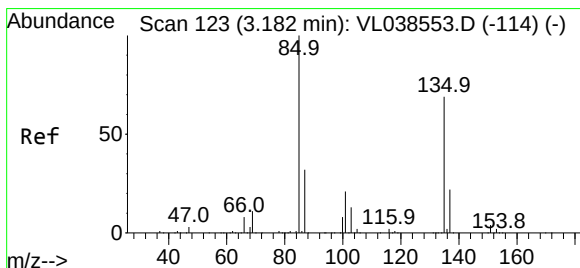
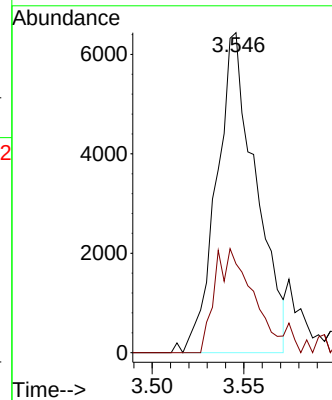
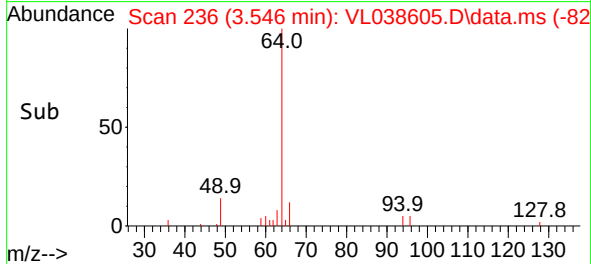
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 64 Resp: 956
Ion Ratio Lower Upper
64 100
66 27.8 26.6 39.8

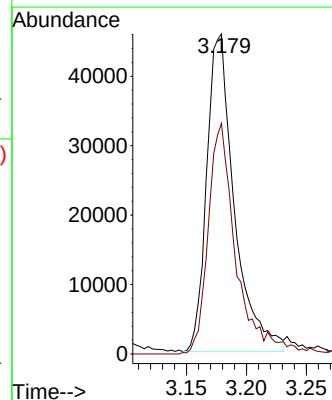
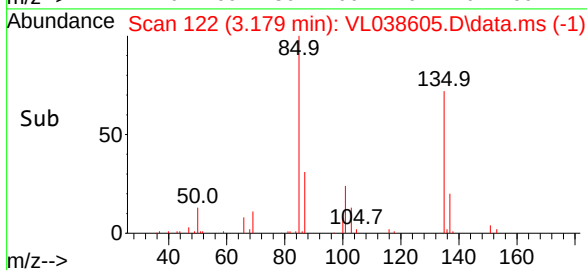
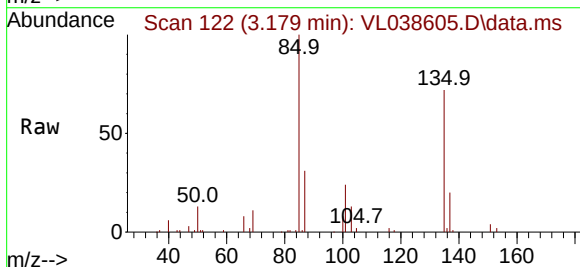
Manual Integrations
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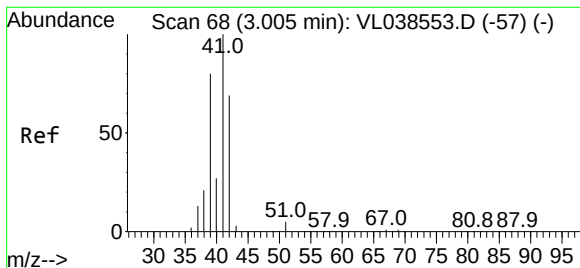
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Dichlorotetrafluoroethane
Concen: 0.652 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.003 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

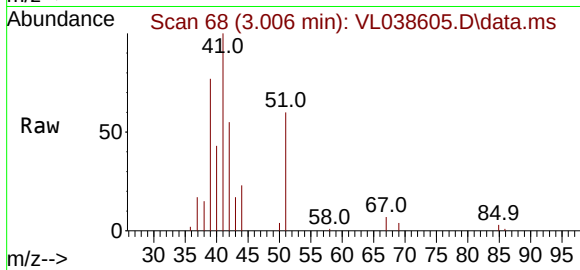
Tgt Ion: 85 Resp: 73407
Ion Ratio Lower Upper
85 100
135 74.2 59.0 88.4





#9
 Propene
 Concen: 0.512 ppbv
 RT: 3.006 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

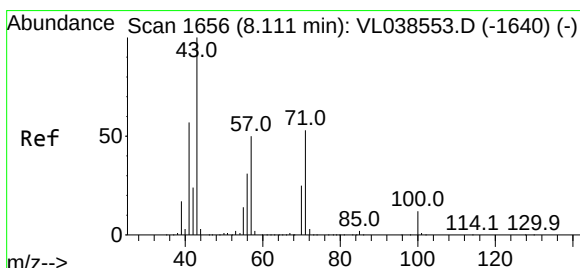
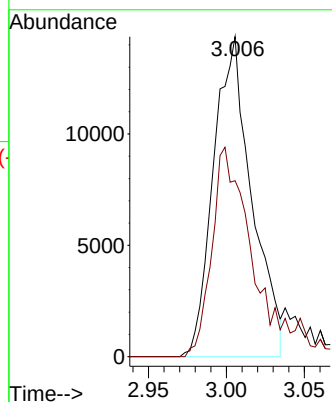
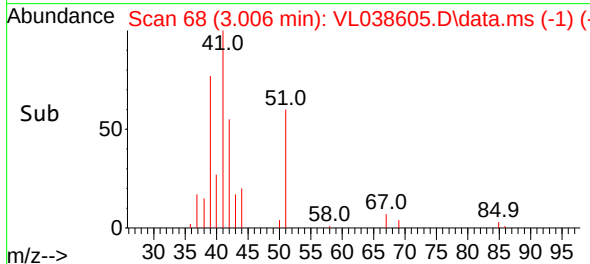
Instrument :
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Tgt Ion: 41 Resp: 2449
 Ion Ratio Lower Upper
 41 100
 42 74.3 55.7 83.5

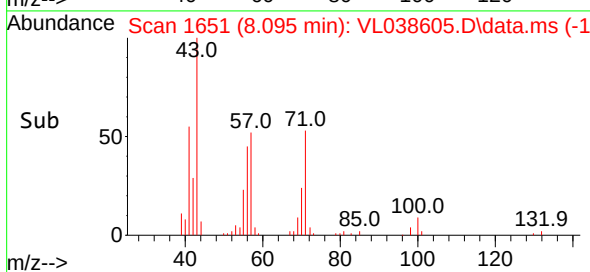
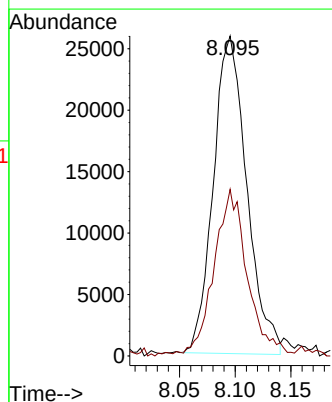
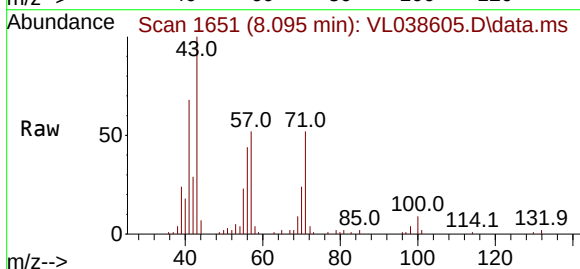
Manual Integrations
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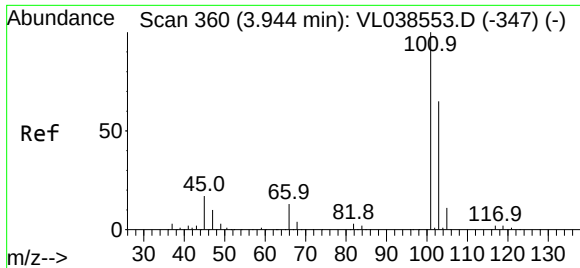
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#10
 Heptane
 Concen: 0.472 ppbv
 RT: 8.095 min Scan# 1651
 Delta R.T. -0.016 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

Tgt Ion: 43 Resp: 53970
 Ion Ratio Lower Upper
 43 100
 57 53.9 39.6 59.4





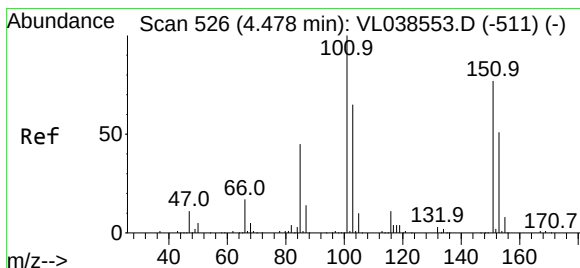
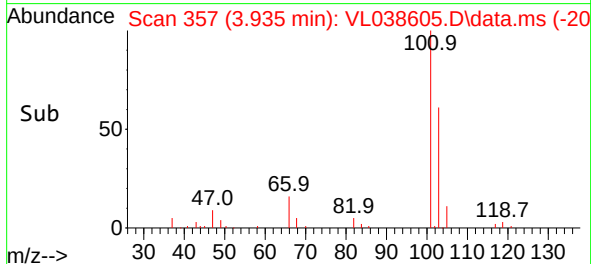
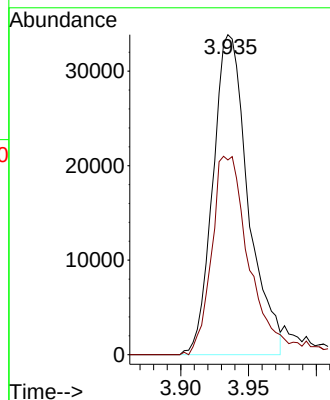
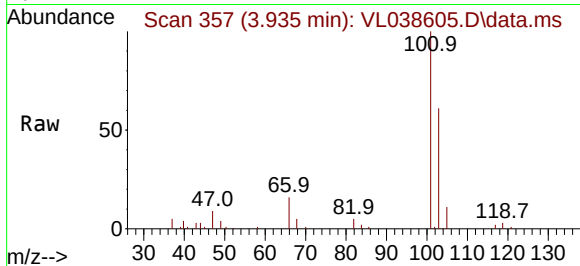
#11
 Trichlorofluoromethane
 Concen: 0.602 ppbv
 RT: 3.935 min Scan# 311
 Delta R.T. -0.010 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022

Tgt Ion:101 Resp: 61215
 Ion Ratio Lower Upper
 101 100
 103 60.8 52.0 78.0

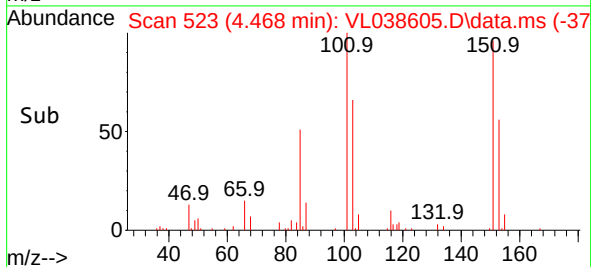
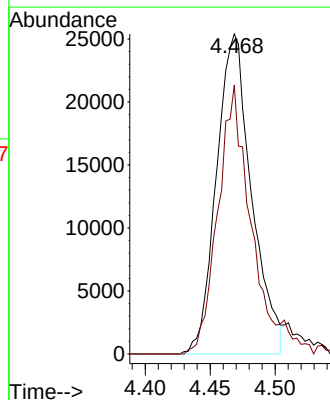
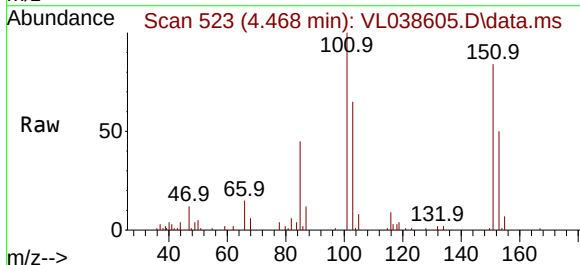
Manual Integrations
 APPROVED

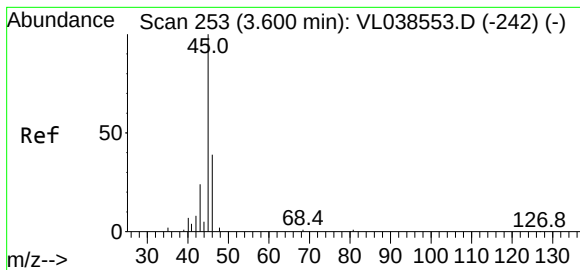
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.603 ppbv
 RT: 4.468 min Scan# 523
 Delta R.T. -0.009 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

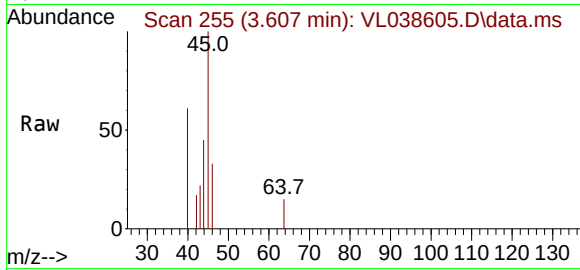
Tgt Ion:101 Resp: 47704
 Ion Ratio Lower Upper
 101 100
 151 82.3 63.4 95.0





#13
Ethanol
Concen: 0.826 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

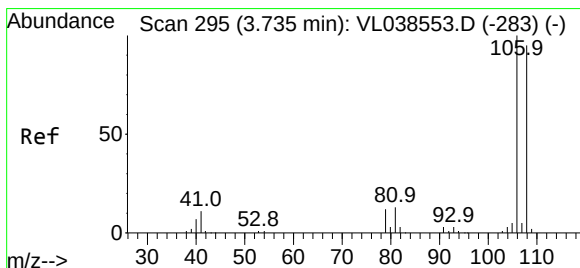
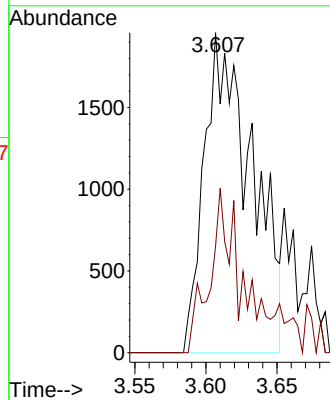
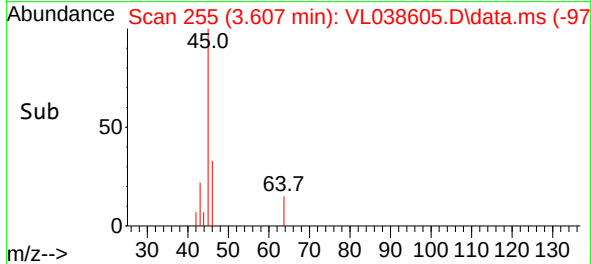
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 45 Resp: 4539
Ion Ratio Lower Upper
45 100
46 43.1 16.8 67.0

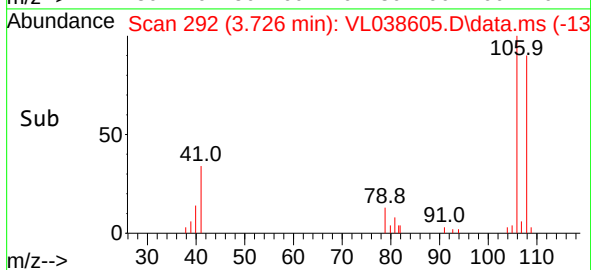
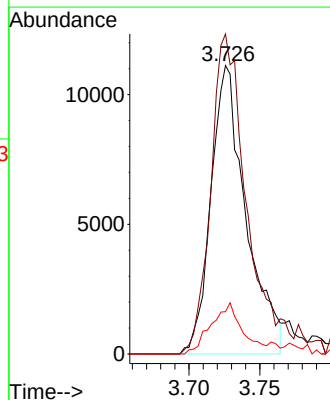
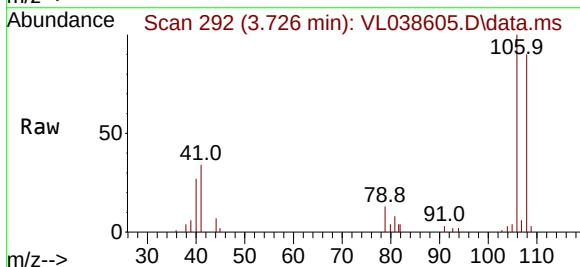
Manual Integrations
APPROVED

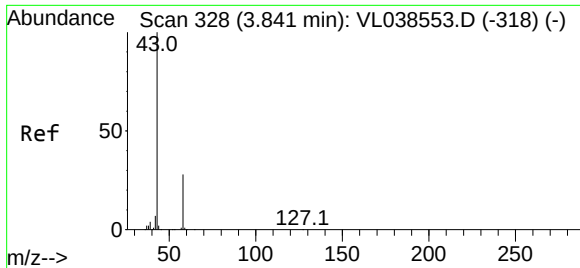
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#14
Bromoethene
Concen: 0.567 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.009 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion:108 Resp: 19115
Ion Ratio Lower Upper
108 100
106 119.8 85.9 128.9
79 19.0 11.0 16.6#





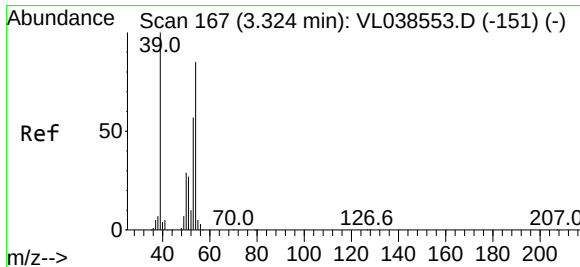
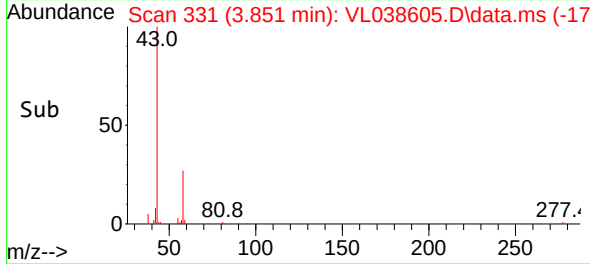
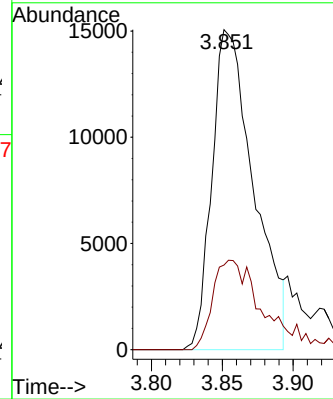
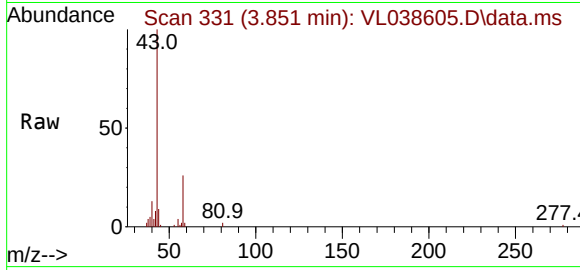
#15
Acetone
Concen: 0.572 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 43 Resp: 31000
Ion Ratio Lower Upper
43 100
58 33.8 22.7 34.1

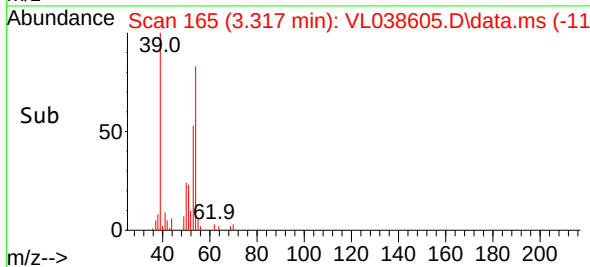
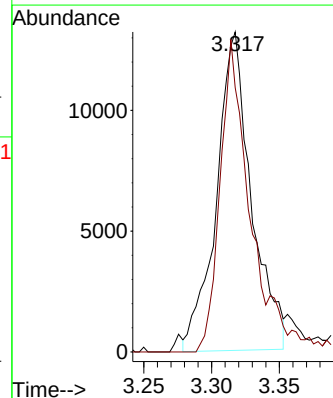
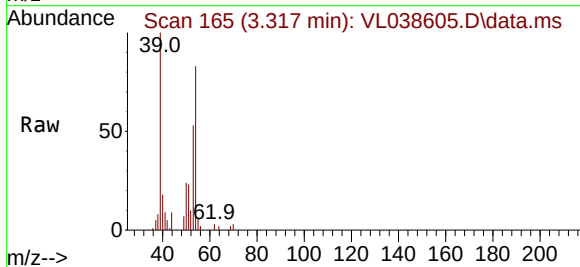
Manual Integrations
APPROVED

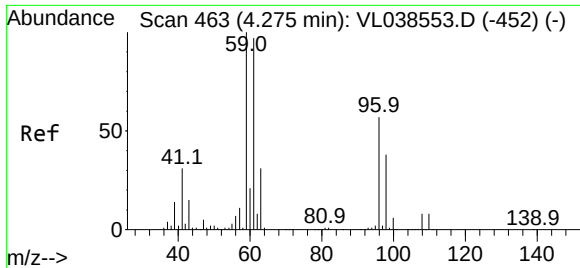
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
1,3-Butadiene
Concen: 0.545 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion: 39 Resp: 23728
Ion Ratio Lower Upper
39 100
54 87.1 64.2 96.2





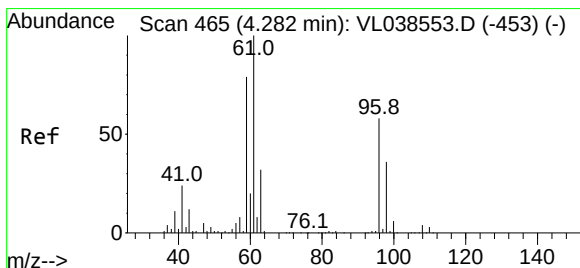
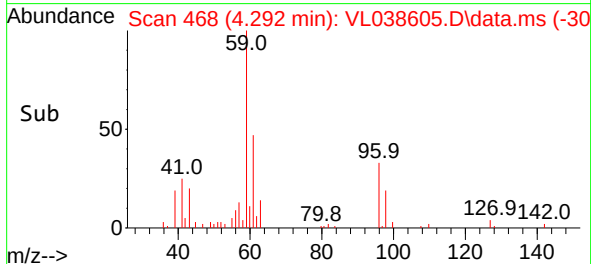
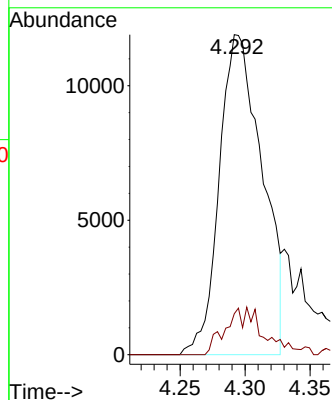
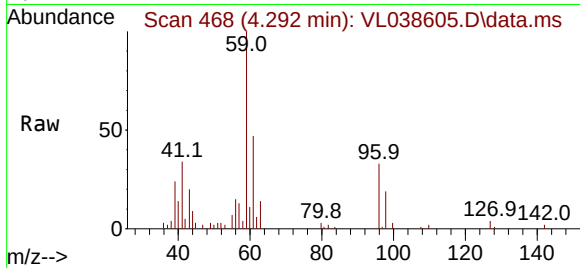
#17
tert-Butyl alcohol
Concen: 0.464 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 59 Resp: 27310
Ion Ratio Lower Upper
59 100
57 13.3 8.1 12.1

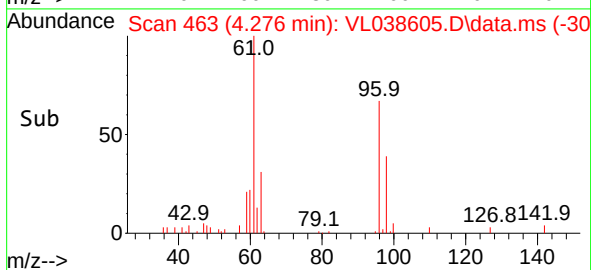
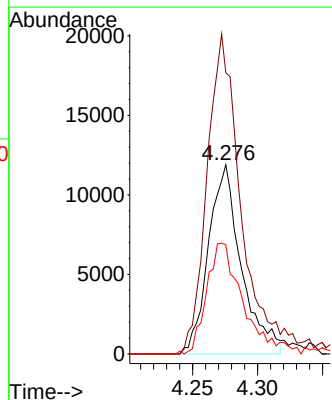
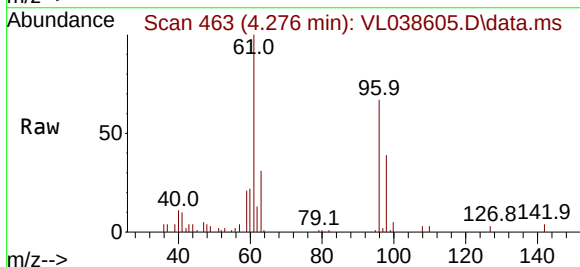
Manual Integrations
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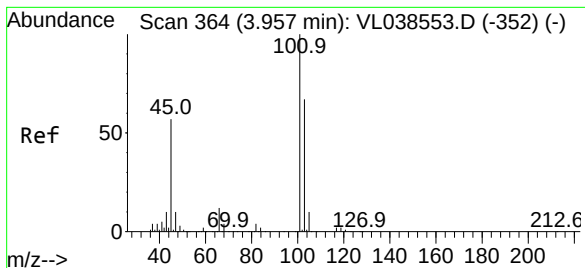
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#18
1,1-Dichloroethene
Concen: 0.589 ppbv
RT: 4.276 min Scan# 463
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

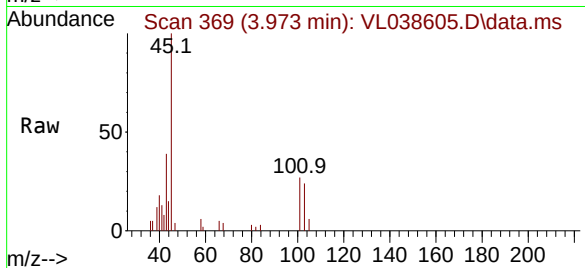
Tgt Ion: 96 Resp: 20867
Ion Ratio Lower Upper
96 100
61 148.7 137.4 206.0
98 56.2 49.3 73.9





#19
Isopropyl Alcohol
Concen: 0.475 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

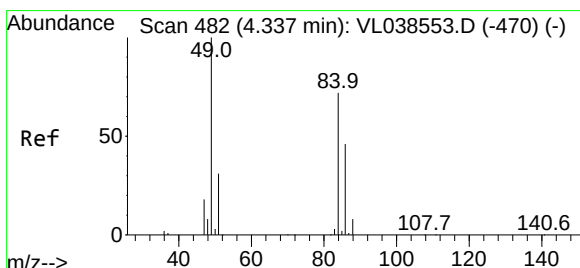
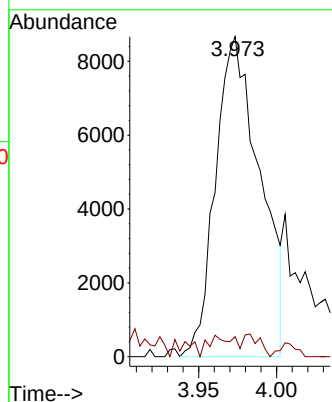
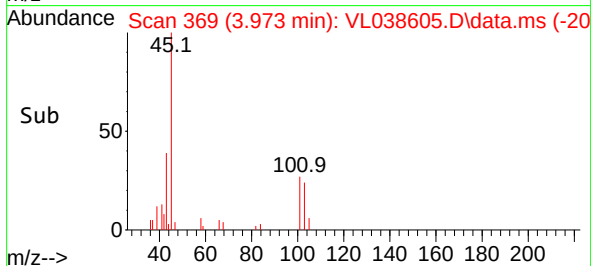
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 45 Resp: 17180
Ion Ratio Lower Upper
45 100
58 7.6 2.2 3.2

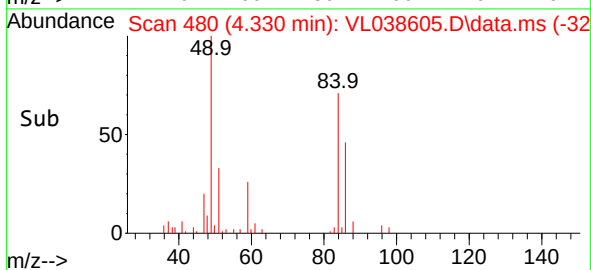
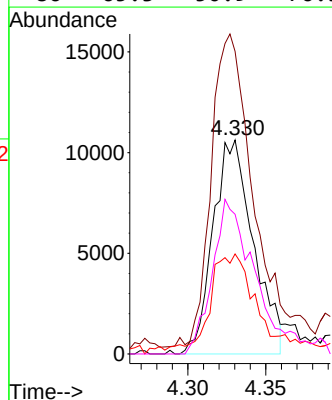
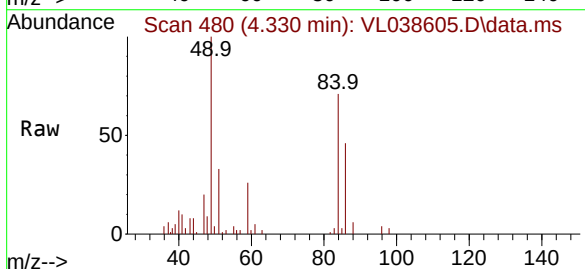
Manual Integrations
APPROVED

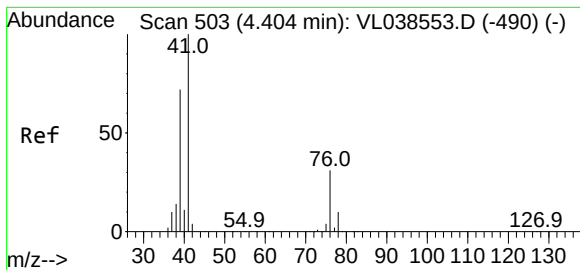
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 0.587 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

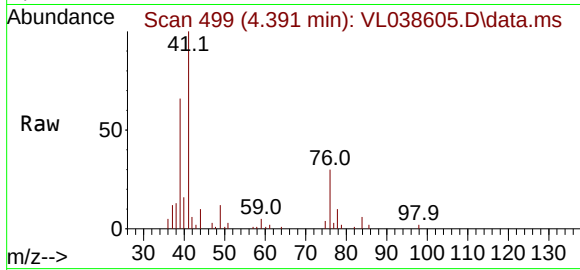
Tgt Ion: 84 Resp: 19134
Ion Ratio Lower Upper
84 100
49 139.5 111.1 166.7
51 42.4 34.0 51.0
86 65.3 50.9 76.3





#21
 Allyl Chloride
 Concen: 0.511 ppbv
 RT: 4.391 min Scan# 499
 Delta R.T. -0.013 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

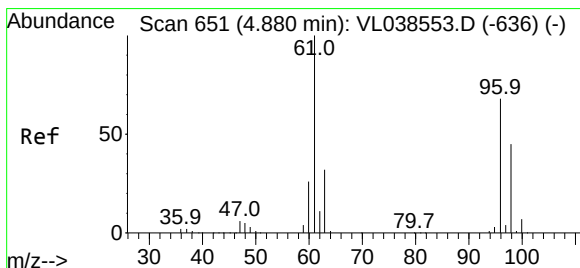
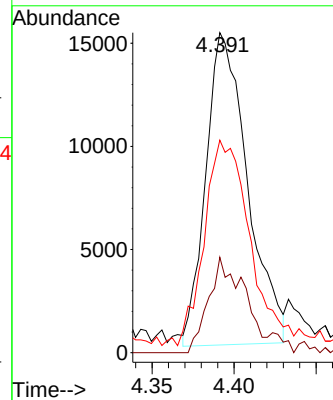
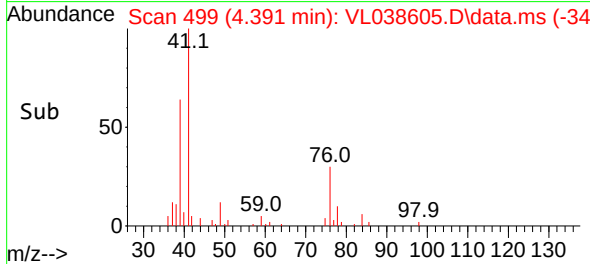
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 41 Resp: 26718
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.3 36.5
 39 86.0 57.1 85.7

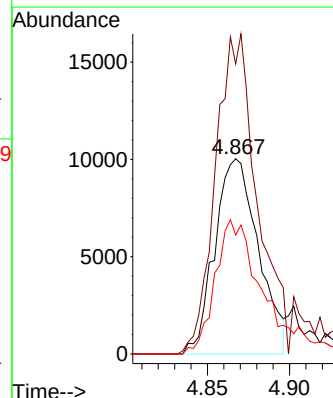
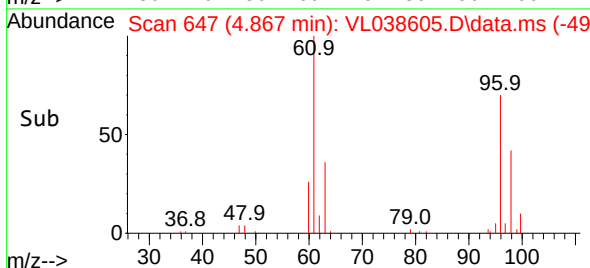
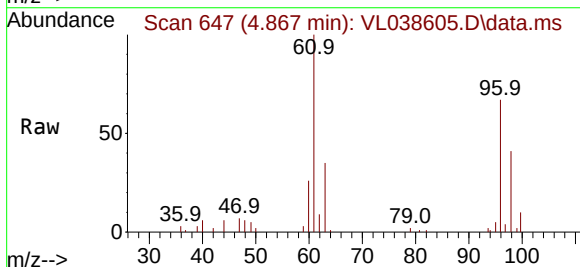
Manual Integrations
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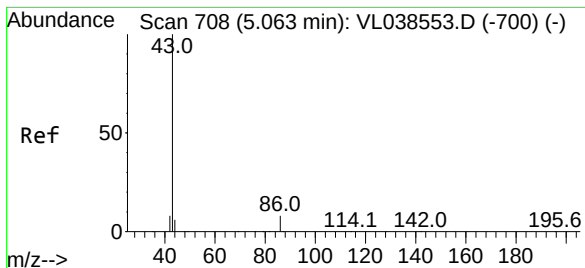
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.500 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.013 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

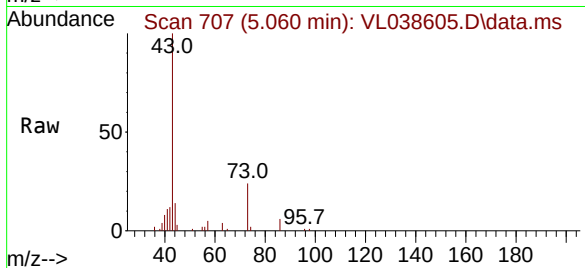
Tgt Ion: 96 Resp: 18555
 Ion Ratio Lower Upper
 96 100
 61 146.9 117.6 176.4
 98 60.9 52.6 78.8





#23
 Vinyl Acetate
 Concen: 0.508 ppbv m
 RT: 5.060 min Scan# 708
 Delta R.T. -0.003 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

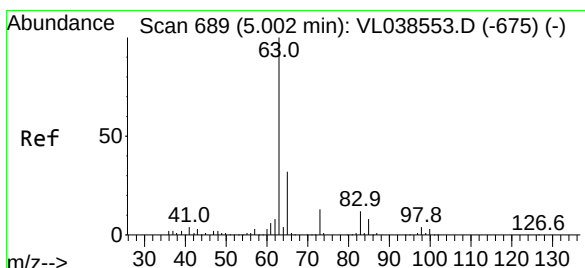
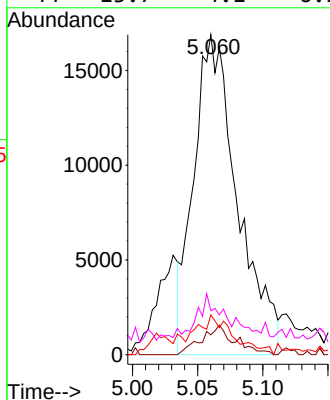
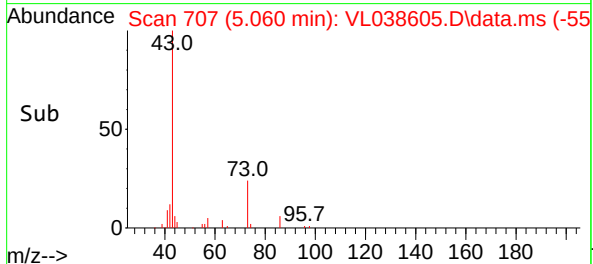
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 43 Resp: 39450
 Ion Ratio Lower Upper
 43 100
 86 6.2 5.6 8.4
 42 12.4 7.1 10.7
 44 13.7 4.1 6.1

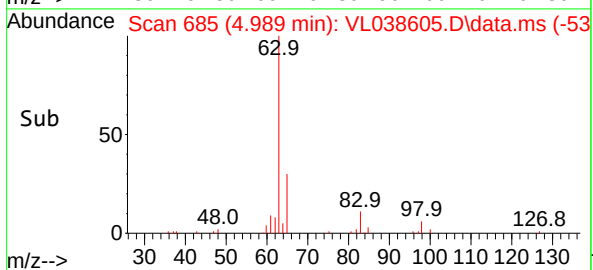
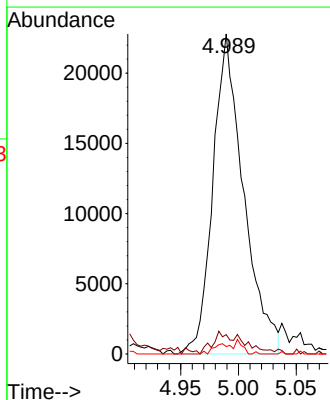
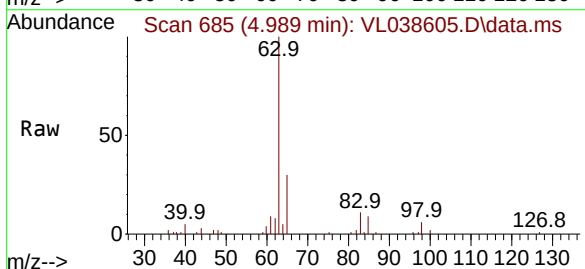
Manual Integrations
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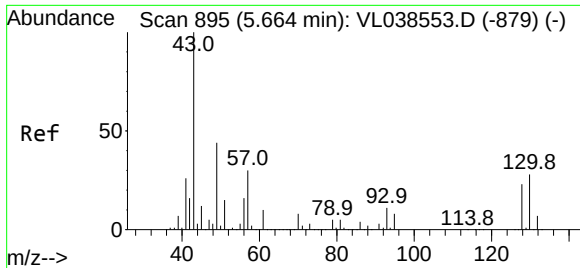
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 0.595 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.013 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

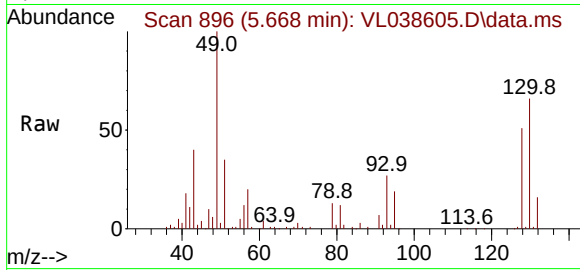
Tgt Ion: 63 Resp: 42019
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.2 6.6
 100 2.3 1.5 4.5





#25
Ethyl Acetate
Concen: 0.532 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

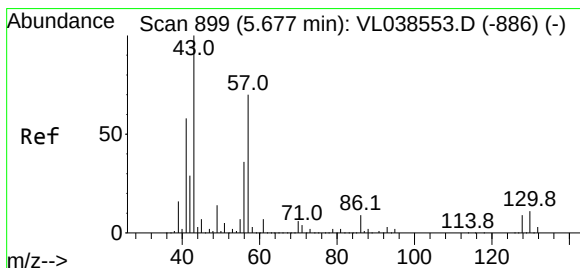
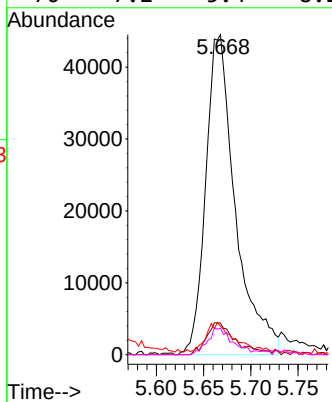
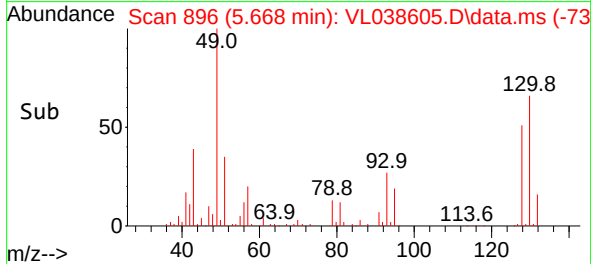
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



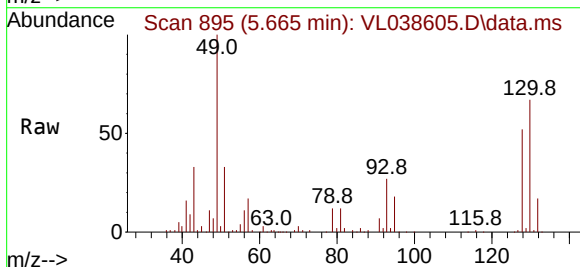
Tgt Ion: 43 Resp: 9712
Ion Ratio Lower Upper
43 100
45 10.5 8.0 12.0
61 12.0 8.2 12.4
70 7.2 5.4 8.2

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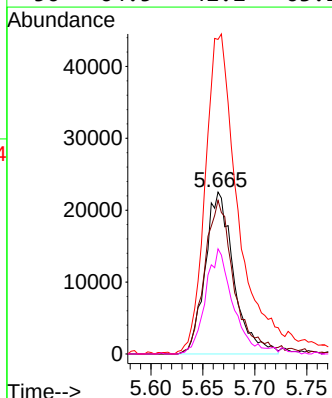
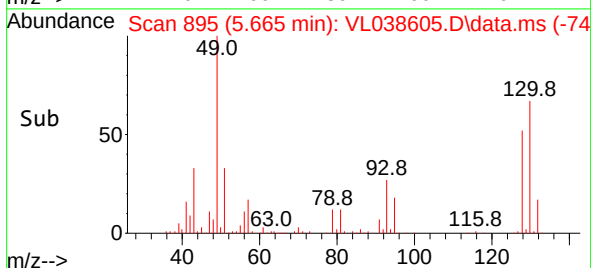
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

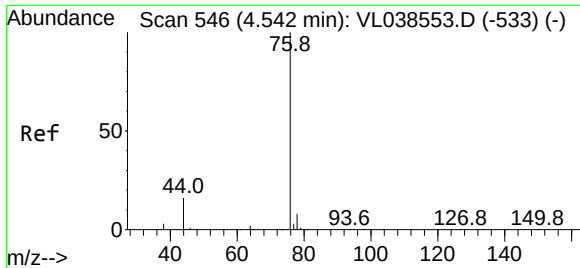


#26
Hexane
Concen: 0.503 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42



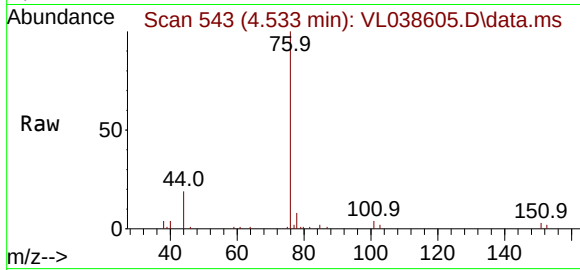
Tgt Ion: 57 Resp: 43099
Ion Ratio Lower Upper
57 100
41 100.5 67.8 101.6
43 237.5 173.6 260.4
56 64.5 42.2 63.2#





#27
Carbon Disulfide
Concen: 0.512 ppbv
RT: 4.533 min Scan# 546
Delta R.T. -0.009 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

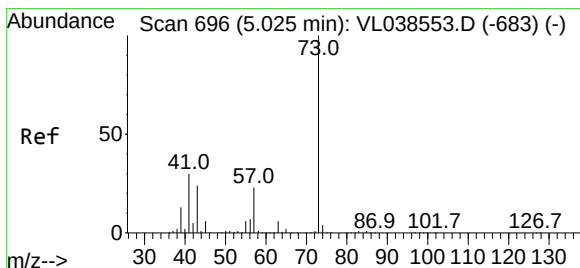
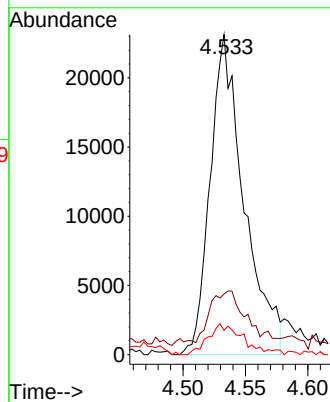
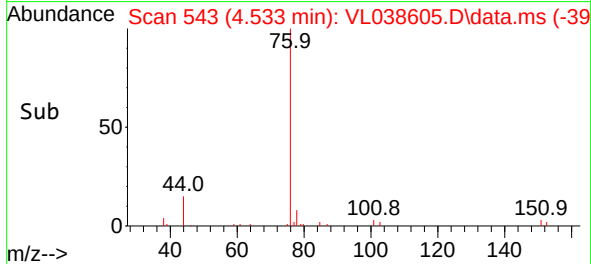
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 76 Resp: 43684
Ion Ratio Lower Upper
76 100
44 26.1 12.9 19.3
78 10.0 7.8 11.6

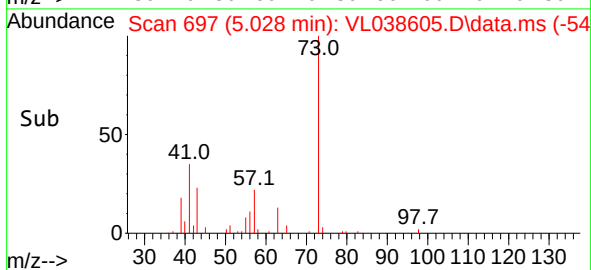
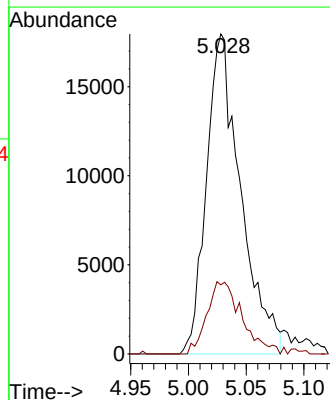
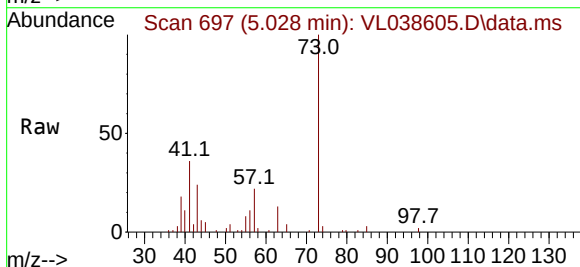
Manual Integrations
APPROVED

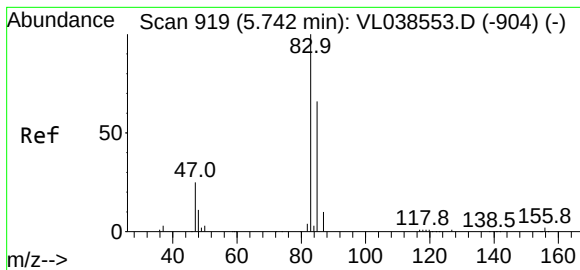
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Methyl tert-Butyl Ether
Concen: 0.531 ppbv
RT: 5.028 min Scan# 697
Delta R.T. 0.003 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

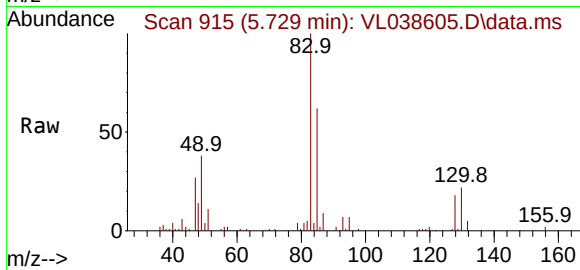
Tgt Ion: 73 Resp: 37022
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2





#29
Chloroform
Concen: 0.596 ppbv
RT: 5.729 min Scan# 919
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

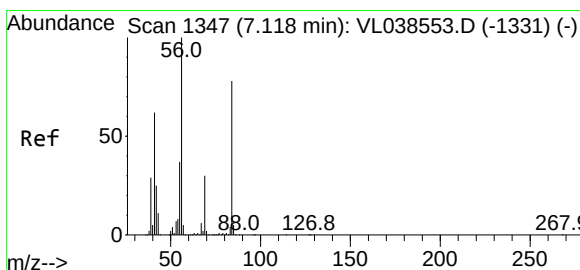
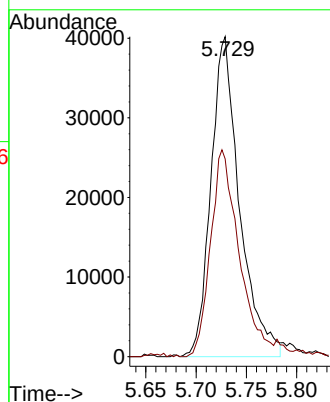
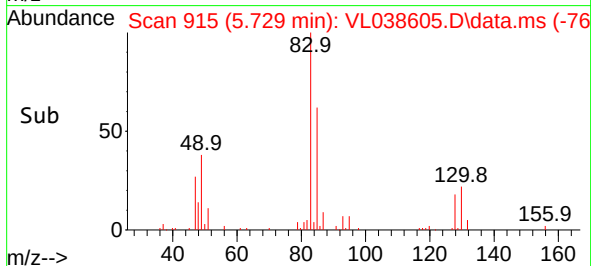
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



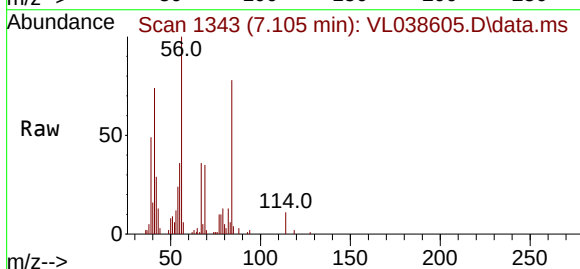
Tgt Ion: 83 Resp: 7950
Ion Ratio Lower Upper
83 100
85 61.8 52.8 79.2

Manual Integrations
APPROVED

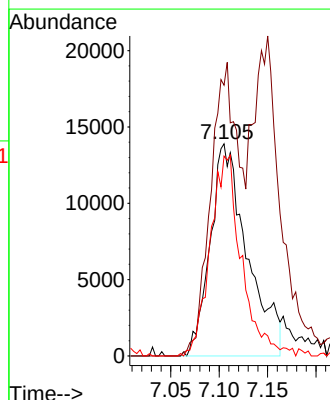
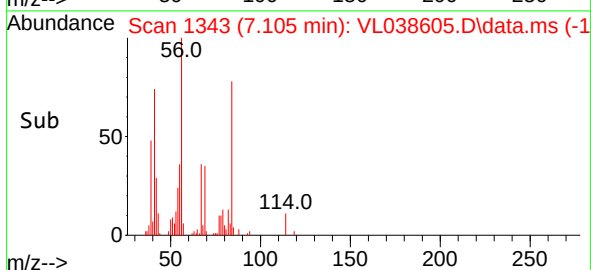
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

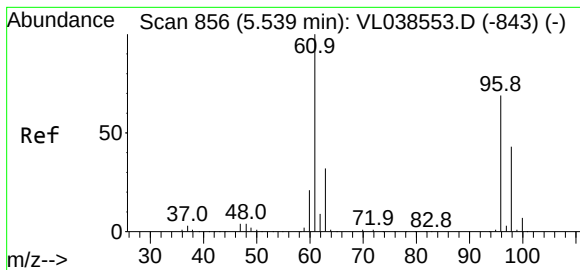


#30
Cyclohexane
Concen: 0.500 ppbv m
RT: 7.105 min Scan# 1343
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42



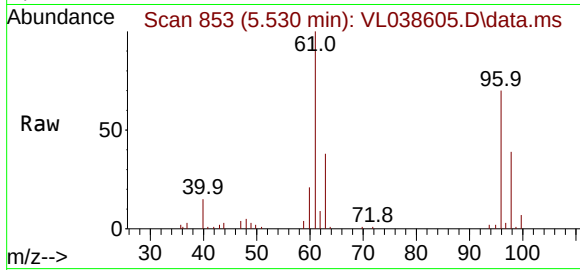
Tgt Ion: 84 Resp: 37037
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.0#
41 0.0 65.5 98.3#





#31
 cis-1,2-Dichloroethene
 Concen: 0.501 ppbv m
 RT: 5.530 min Scan# 81
 Delta R.T. -0.009 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

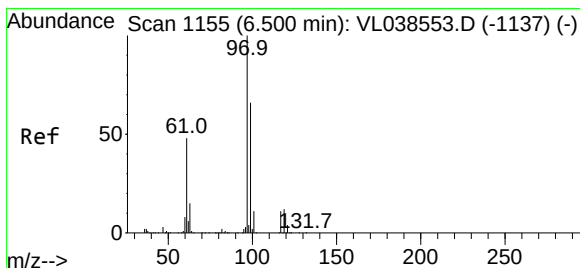
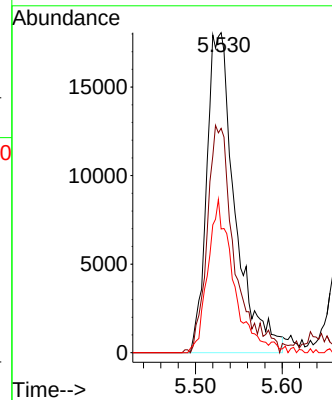
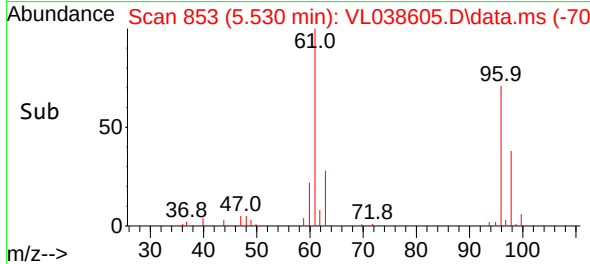
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 61 Resp: 4106
 Ion Ratio Lower Upper
 61 100
 96 70.1 55.2 82.8
 98 38.7 34.2 51.4

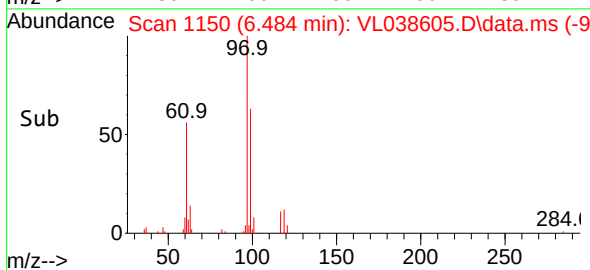
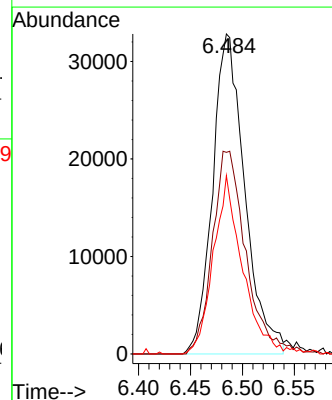
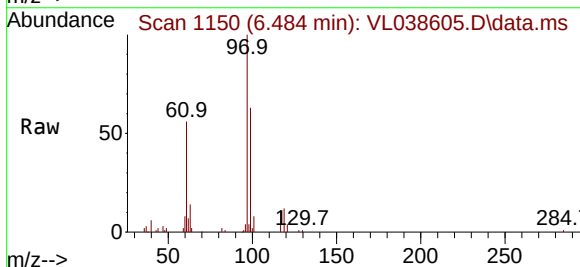
Manual Integrations
 APPROVED

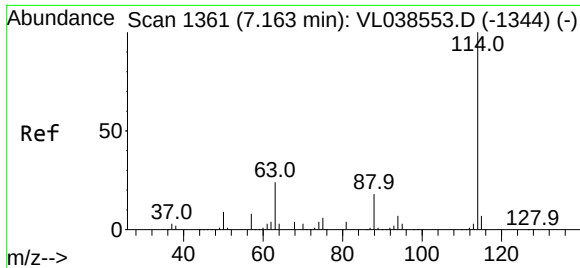
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.545 ppbv
 RT: 6.484 min Scan# 1150
 Delta R.T. -0.016 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

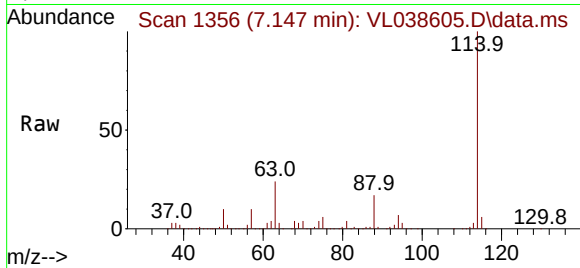
Tgt Ion: 97 Resp: 70568
 Ion Ratio Lower Upper
 97 100
 99 66.3 52.1 78.1
 61 51.4 37.7 56.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

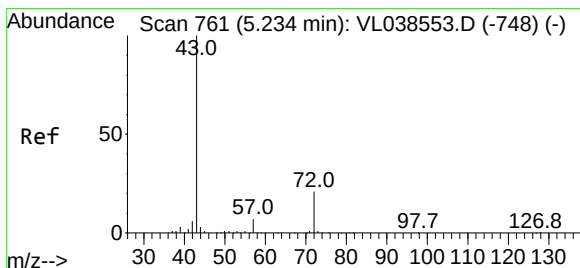
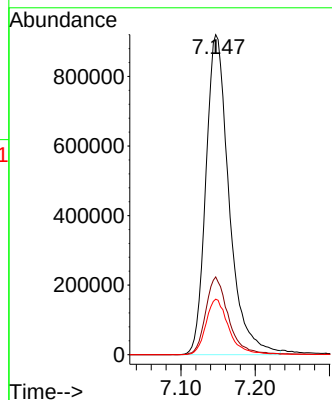
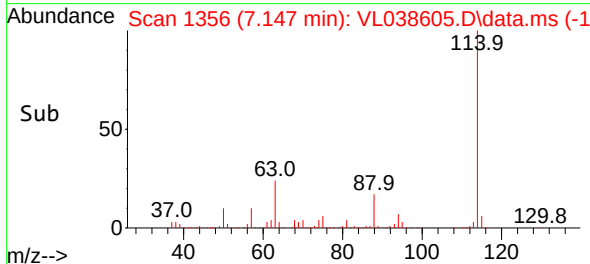
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion:114 Resp: 2000224
Ion Ratio Lower Upper
114 100
63 24.1 19.6 29.4
88 17.3 13.9 20.9

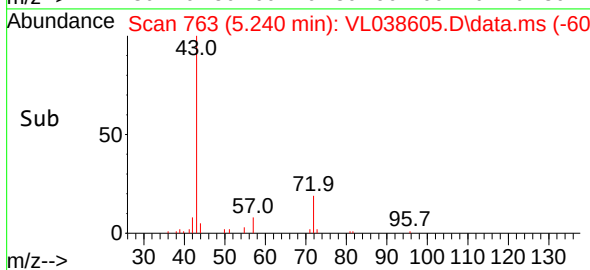
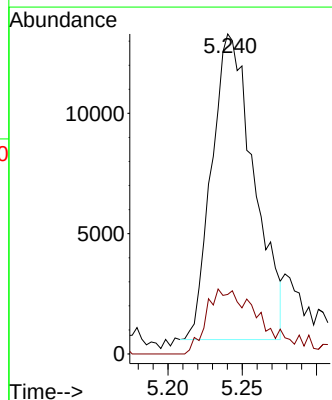
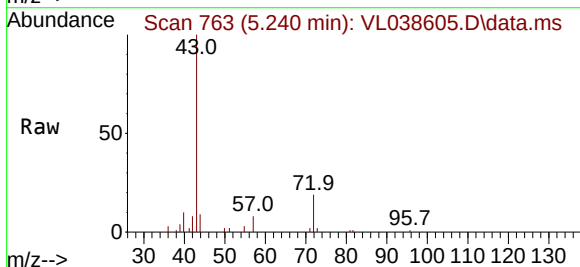
Manual Integrations
APPROVED

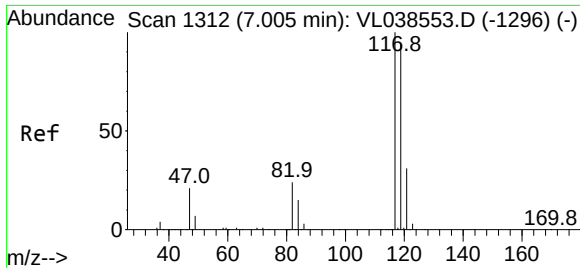
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
2-Butanone
Concen: 0.485 ppbv
RT: 5.240 min Scan# 763
Delta R.T. 0.007 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

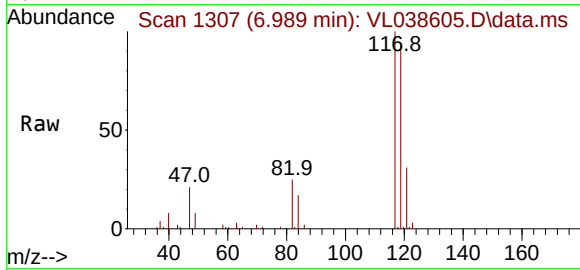
Tgt Ion: 43 Resp: 25160
Ion Ratio Lower Upper
43 100
72 28.6 17.8 26.6#





#35
Carbon Tetrachloride
Concen: 0.553 ppbv
RT: 6.989 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

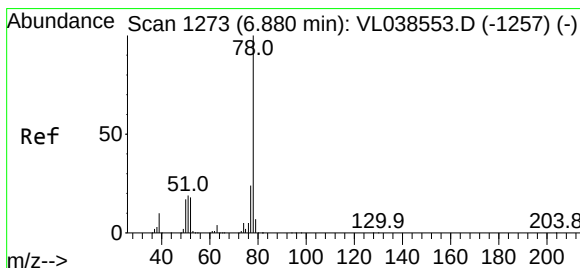
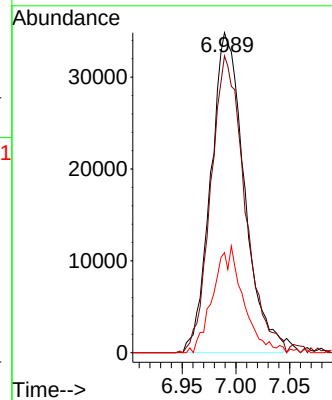
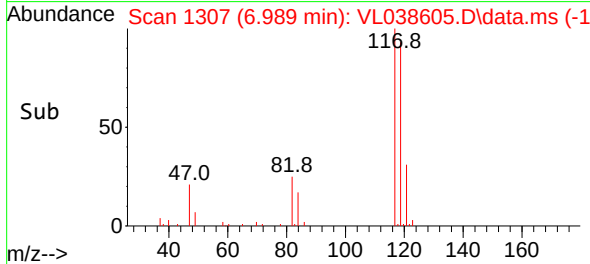
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



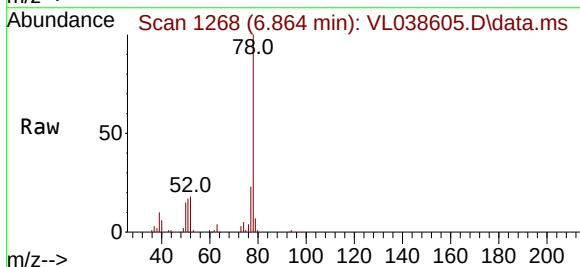
Tgt Ion: 117 Resp: 7550
Ion Ratio Lower Upper
117 100
119 93.8 75.2 112.8
121 32.6 24.8 37.2

Manual Integrations
APPROVED

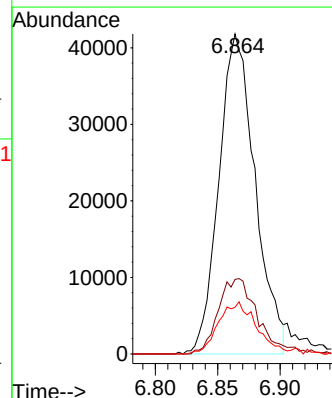
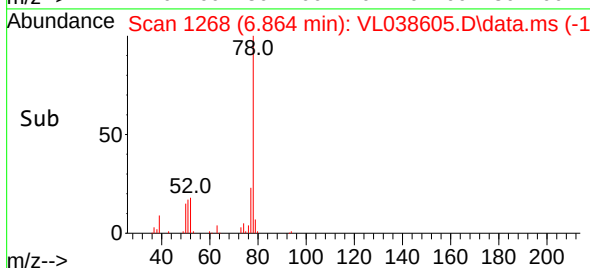
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

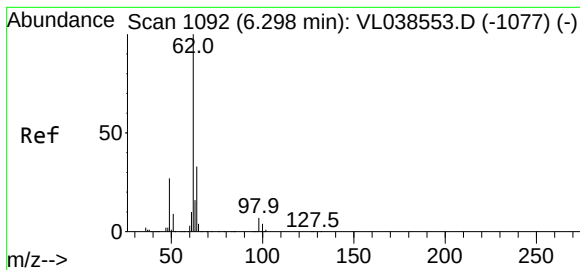


#36
Benzene
Concen: 0.468 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42



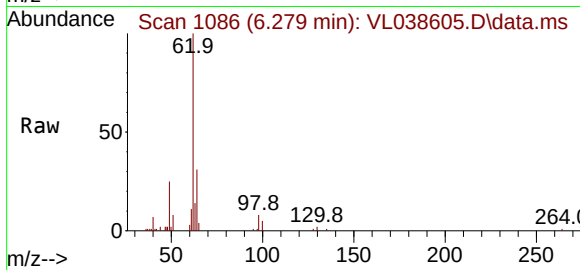
Tgt Ion: 78 Resp: 84525
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4
50 14.1 13.9 20.9





#37
1,2-Dichloroethane
Concen: 0.576 ppbv
RT: 6.279 min Scan# 1092
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

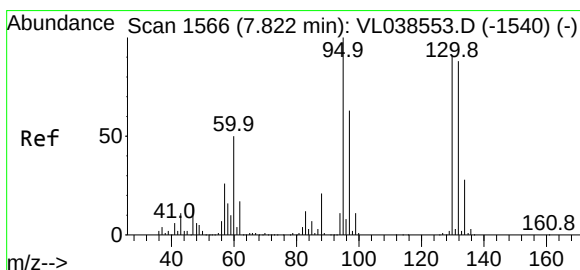
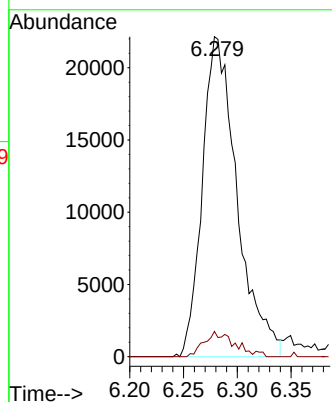
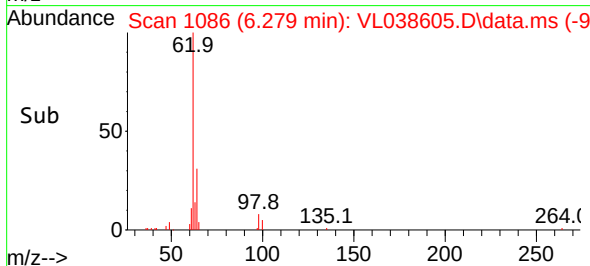
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 62 Resp: 4972
Ion Ratio Lower Upper
62 100
98 6.9 5.7 8.5

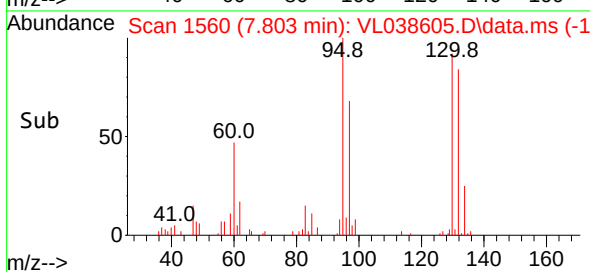
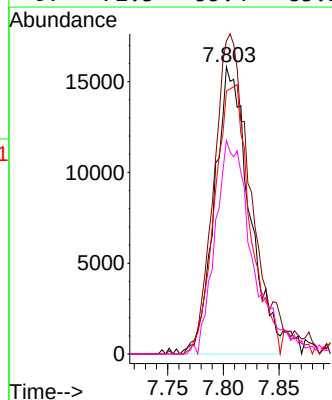
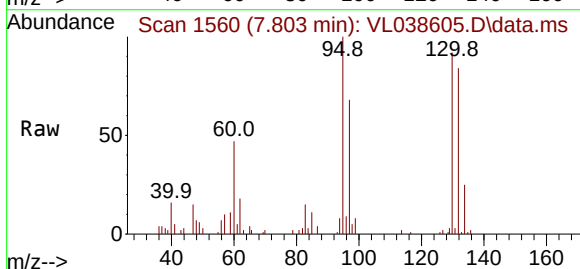
Manual Integrations
APPROVED

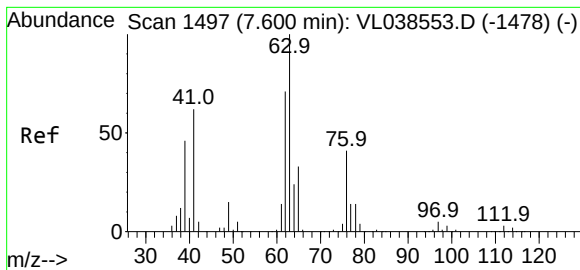
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Trichloroethene
Concen: 0.473 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

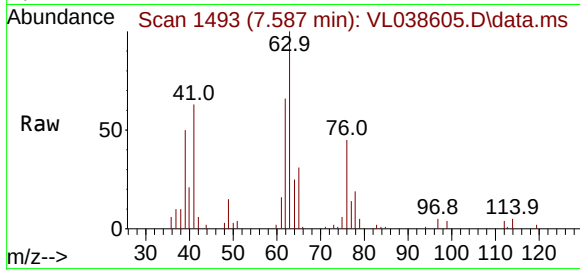
Tgt Ion:130 Resp: 34132
Ion Ratio Lower Upper
130 100
95 106.0 87.8 131.8
132 89.0 77.5 116.3
97 72.3 55.4 83.2





#39
1,2-Dichloropropane
Concen: 0.545 ppbv
RT: 7.587 min Scan# 1493
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

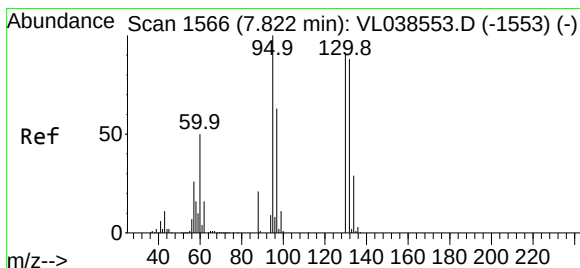
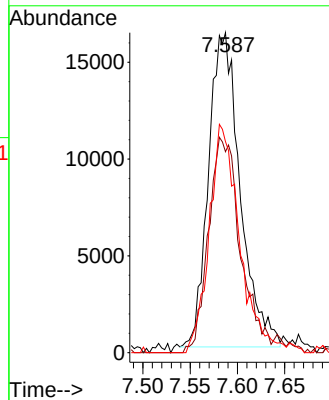
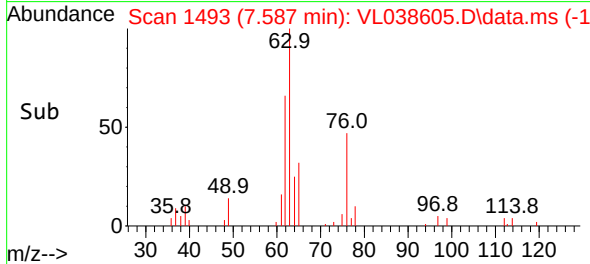
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 63 Resp: 3782
Ion Ratio Lower Upper
63 100
41 64.0 49.8 74.6
62 65.3 56.7 85.1

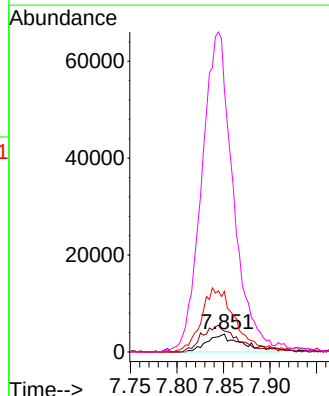
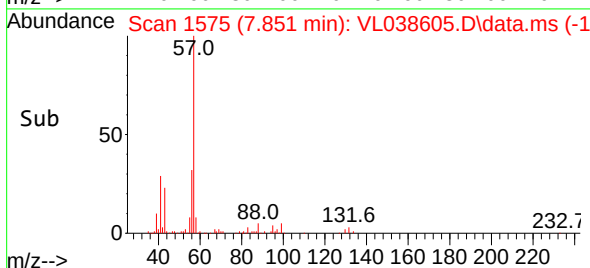
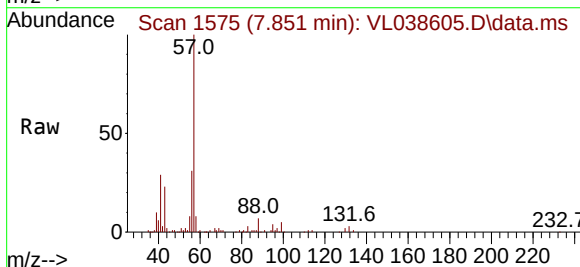
Manual Integrations
APPROVED

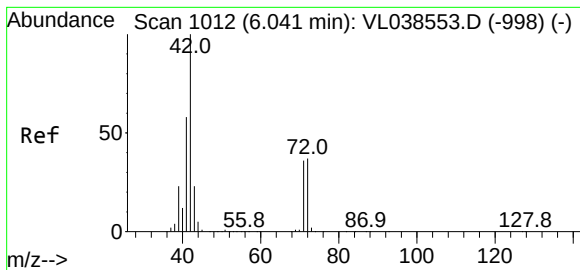
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#40
1,4-Dioxane
Concen: 0.569 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.029 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

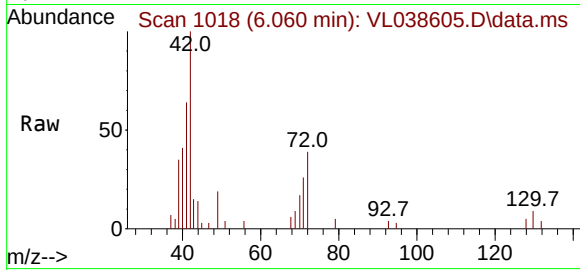
Tgt Ion: 88 Resp: 9877
Ion Ratio Lower Upper
88 100
58 152.8 126.7 190.1
43 347.6 303.0 454.6
57 1594.0 1368.6 2053.0





#41
Tetrahydrofuran
Concen: 0.399 ppbv m
RT: 6.060 min Scan# 1012
Delta R.T. 0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

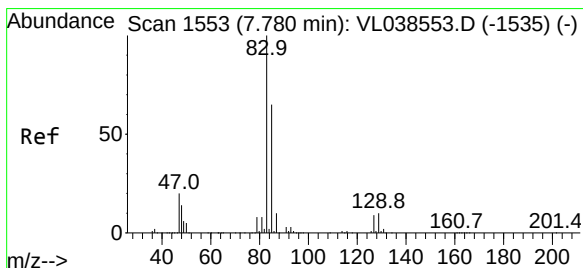
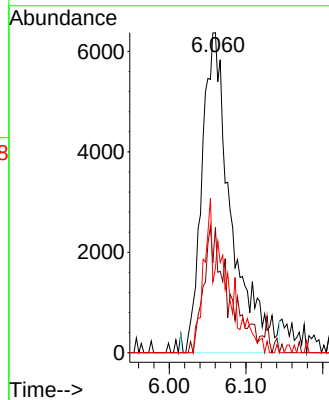
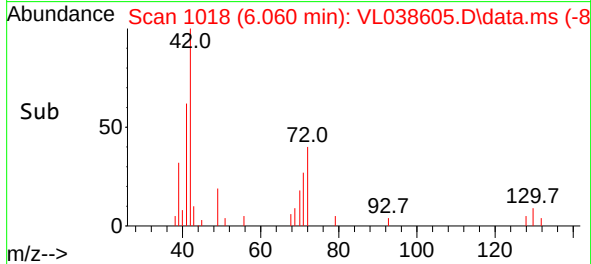
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 42 Resp: 16934
Ion Ratio Lower Upper
42 100
72 36.5 30.9 46.3
71 35.8 29.1 43.7

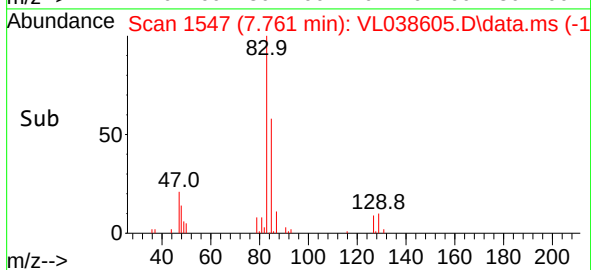
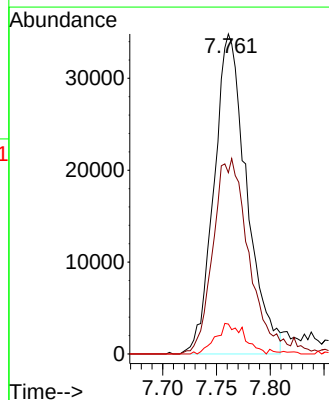
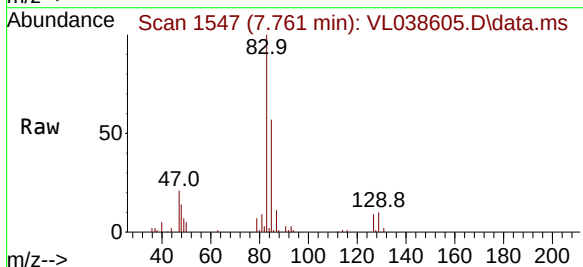
Manual Integrations
APPROVED

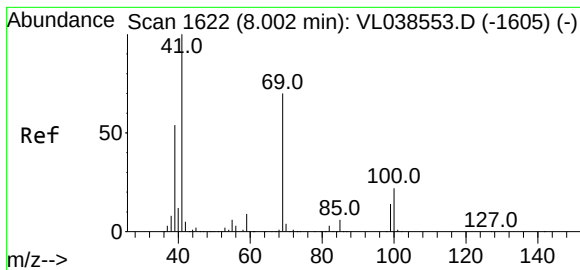
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
Bromodichloromethane
Concen: 0.539 ppbv
RT: 7.761 min Scan# 1547
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

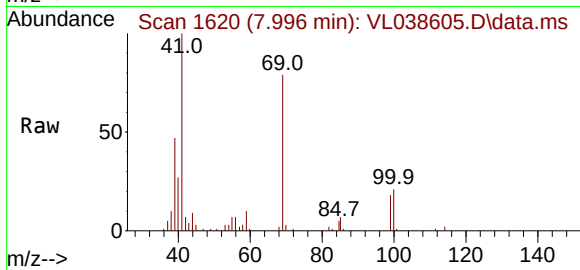
Tgt Ion: 83 Resp: 73658
Ion Ratio Lower Upper
83 100
85 58.0 51.7 77.5
127 10.1 6.9 10.3





#43
Methyl Methacrylate
Concen: 0.423 ppbv m
RT: 7.996 min Scan# 1622
Delta R.T. -0.006 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

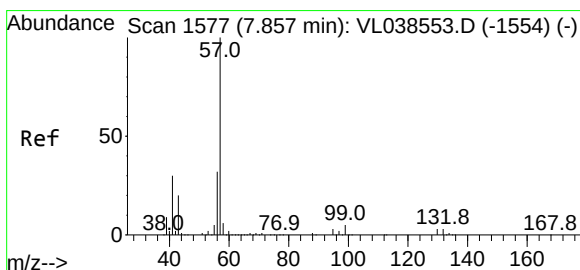
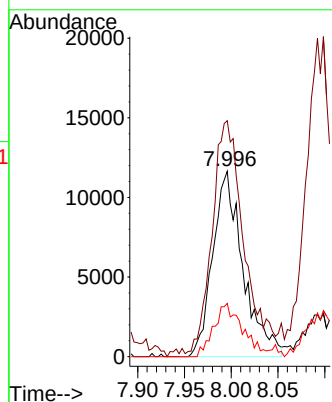
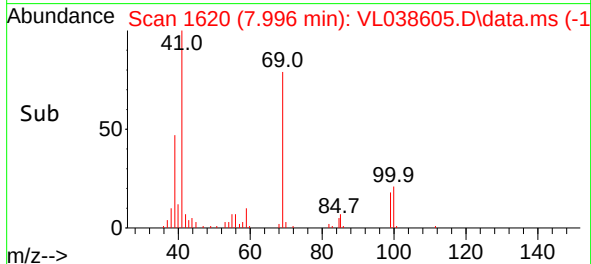
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 69 Resp: 2622
Ion Ratio Lower Upper
69 100
41 129.5 113.8 170.6
100 28.7 24.4 36.6

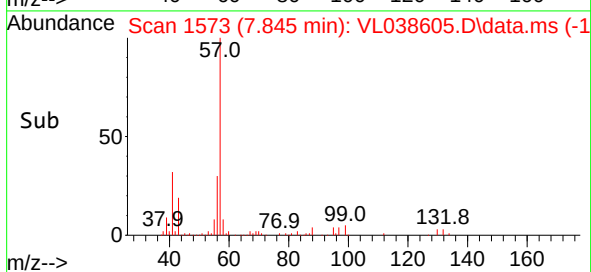
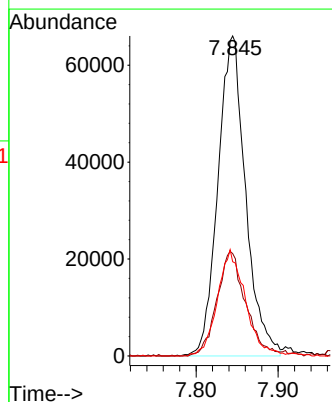
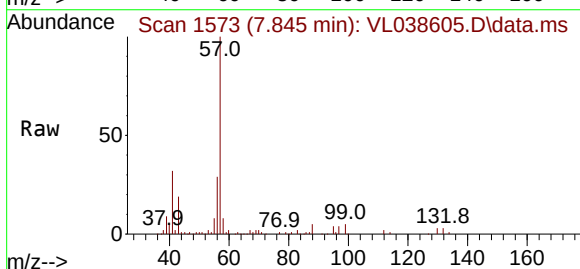
Manual Integrations
APPROVED

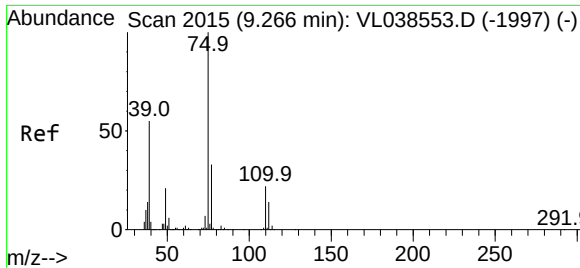
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44
2,2,4-Trimethylpentane
Concen: 0.507 ppbv
RT: 7.845 min Scan# 1573
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

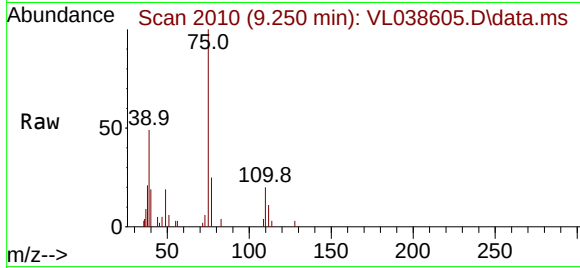
Tgt Ion: 57 Resp: 154599
Ion Ratio Lower Upper
57 100
41 34.4 24.0 36.0
56 33.9 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 0.374 ppbv m
RT: 9.250 min Scan# 2015
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

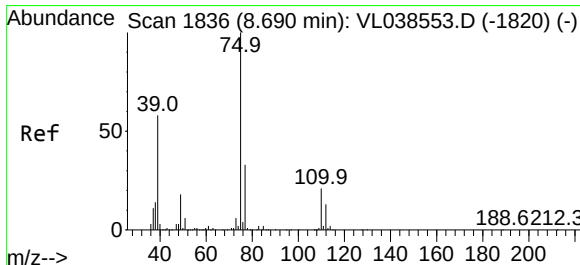
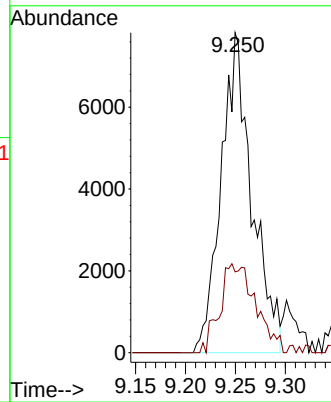
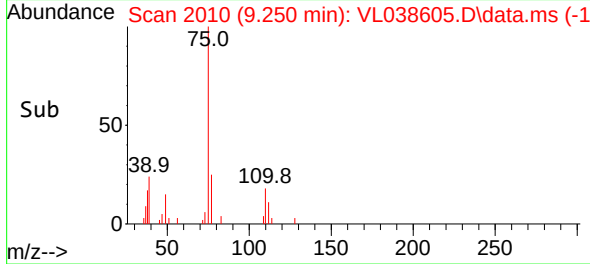
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 75 Resp: 16708
Ion Ratio Lower Upper
75 100
77 25.2 26.6 40.0

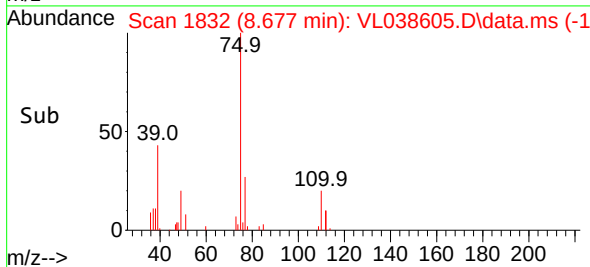
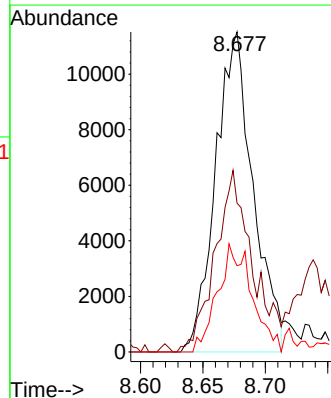
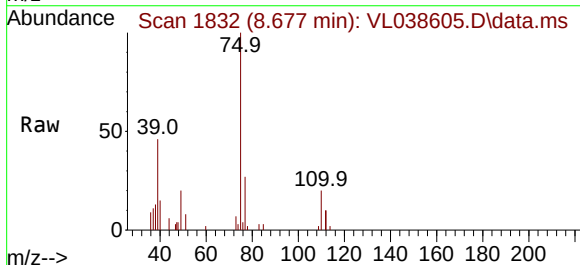
Manual Integrations
APPROVED

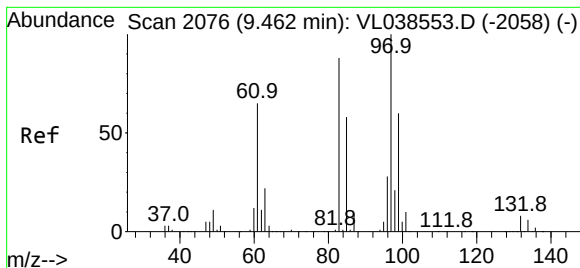
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#46
cis-1,3-Dichloropropene
Concen: 0.395 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion: 75 Resp: 24134
Ion Ratio Lower Upper
75 100
39 44.7 46.2 69.2#
77 26.9 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 0.539 ppbv

RT: 9.446 min Scan# 2076

Delta R.T. -0.016 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2022

Tgt Ion: 97 Resp: 3813

Ion Ratio Lower Upper

97 100

83 79.5 70.1 105.1

85 49.1 46.6 69.8

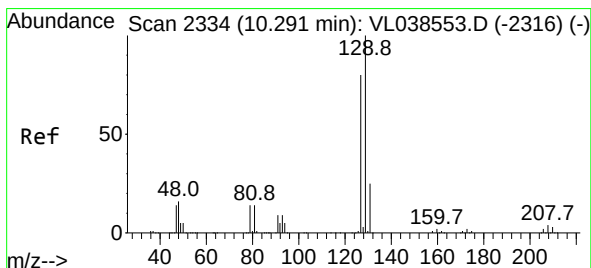
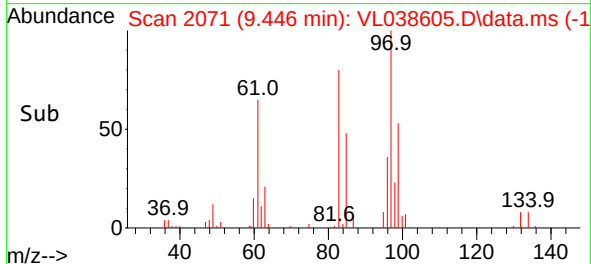
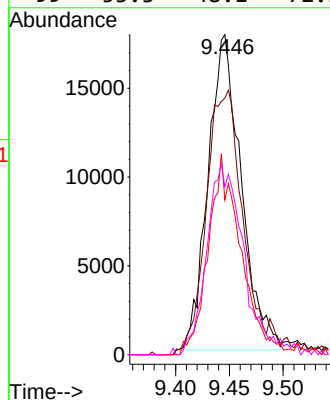
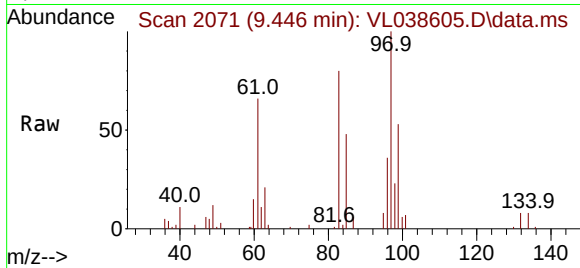
99 53.3 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#48

Dibromochloromethane

Concen: 0.502 ppbv

RT: 10.269 min Scan# 2327

Delta R.T. -0.022 min

Lab File: VL038605.D

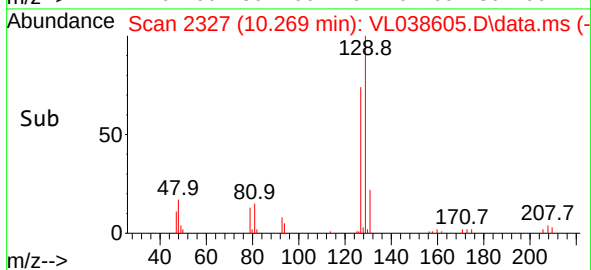
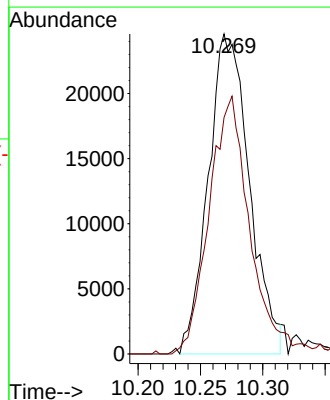
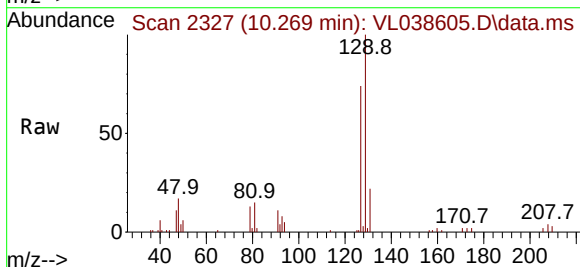
Acq: 14 Mar 2022 20:42

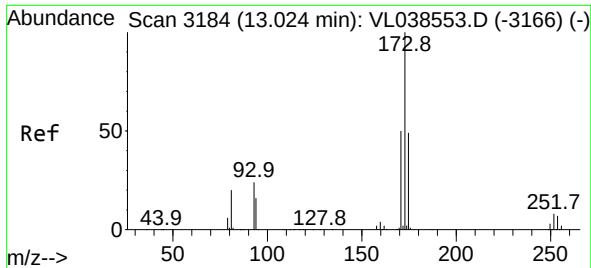
Tgt Ion:129 Resp: 56429

Ion Ratio Lower Upper

129 100

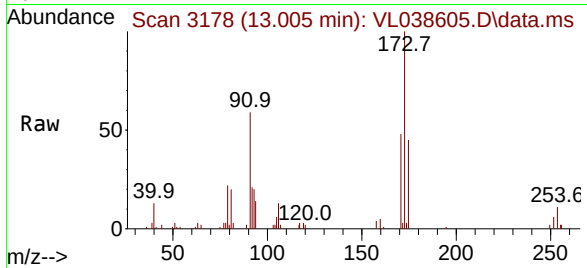
127 80.4 39.5 118.3





#49
Bromoform
Concen: 0.519 ppbv
RT: 13.005 min Scan# 3184
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

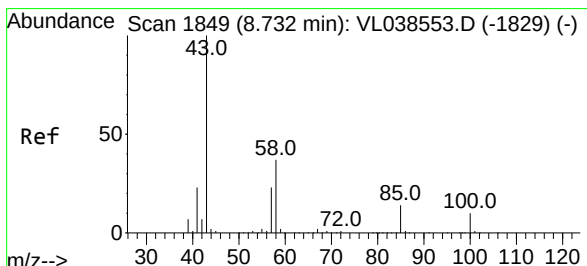
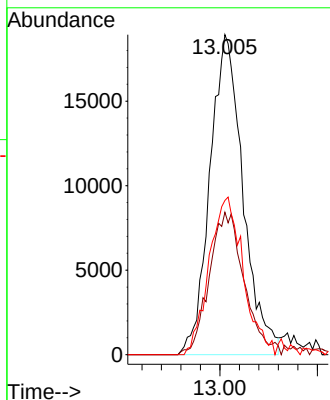
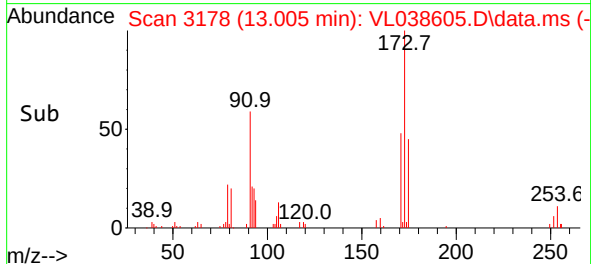
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 173 Resp: 4462
Ion Ratio Lower Upper
173 100
175 49.6 40.7 61.1
171 50.6 42.9 64.3

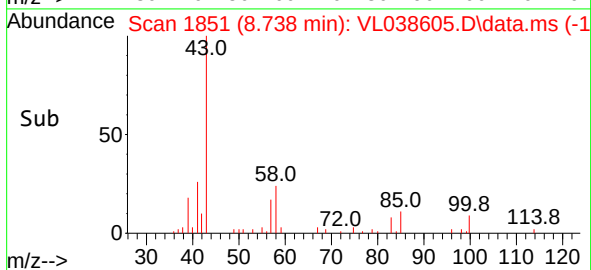
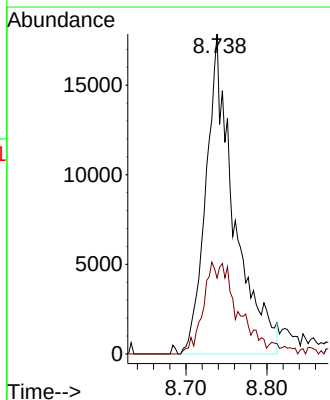
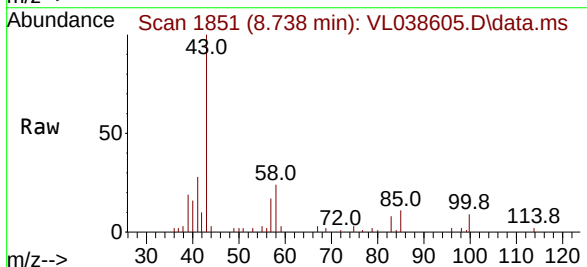
Manual Integrations
APPROVED

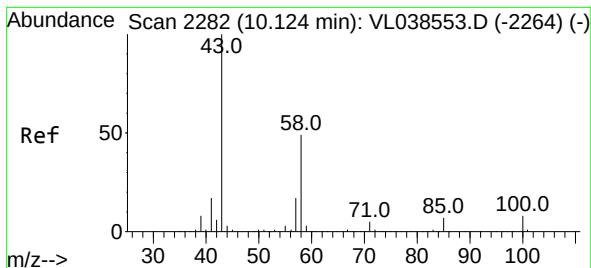
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
4-Methyl-2-Pentanone
Concen: 0.406 ppbv m
RT: 8.738 min Scan# 1851
Delta R.T. 0.007 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion: 43 Resp: 43122
Ion Ratio Lower Upper
43 100
58 37.6 29.2 43.8





#51

2-Hexanone

Concen: 0.336 ppbv m

RT: 10.144 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2022

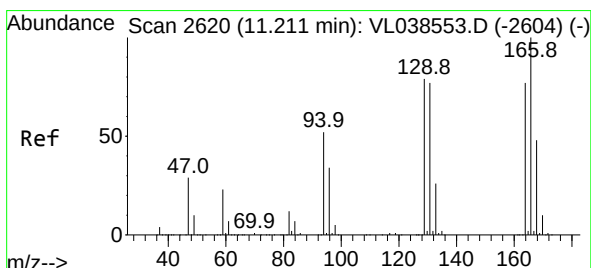
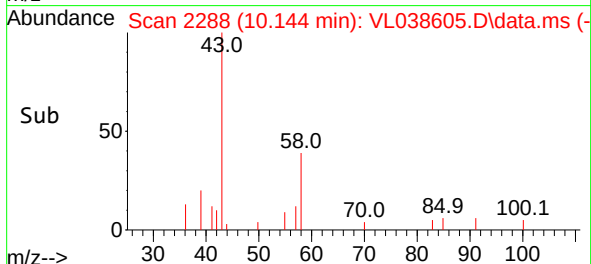
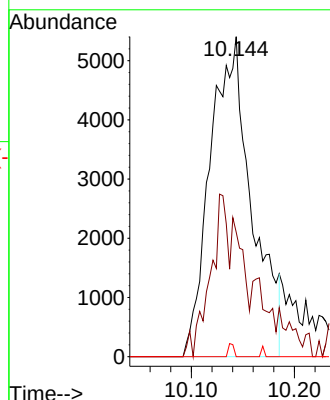
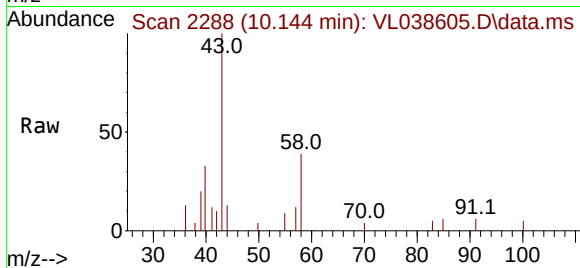
Tgt Ion: 43 Resp: 1509

Ion	Ratio	Lower	Upper
43	100		
58	50.3	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: 0.462 ppbv

RT: 11.192 min Scan# 2614

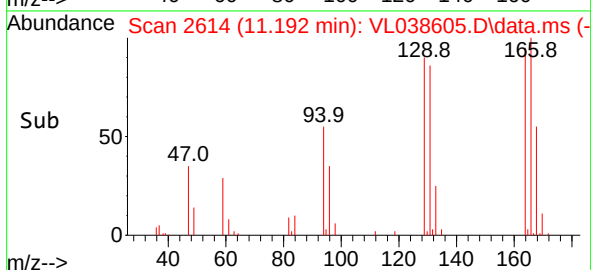
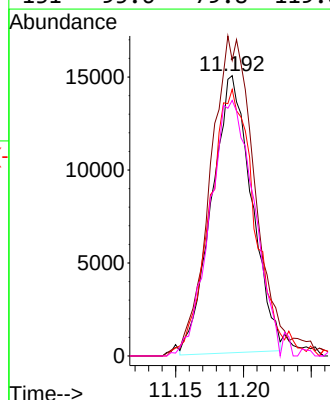
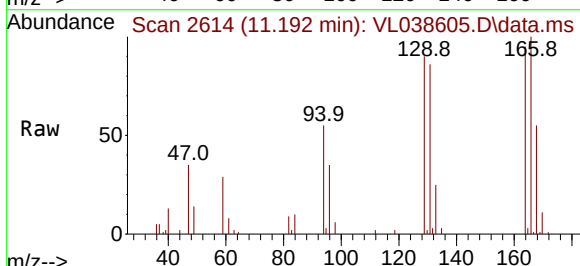
Delta R.T. -0.019 min

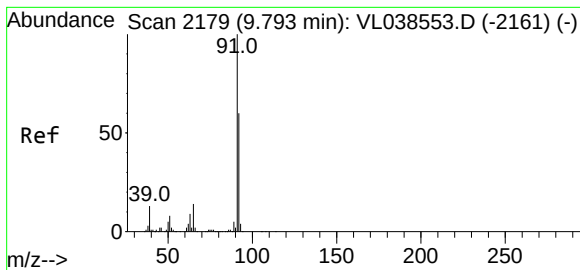
Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Tgt Ion:164 Resp: 30542

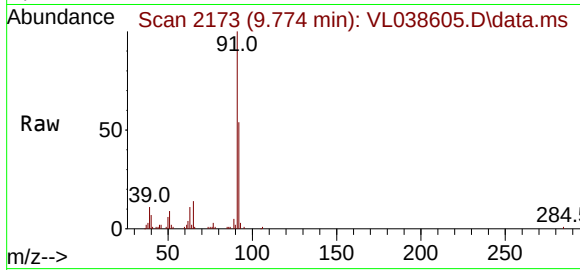
Ion	Ratio	Lower	Upper
164	100		
166	104.8	103.4	155.2
129	93.2	81.3	121.9
131	95.6	79.8	119.8





#53
Toluene
Concen: 0.406 ppbv
RT: 9.774 min Scan# 2173
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

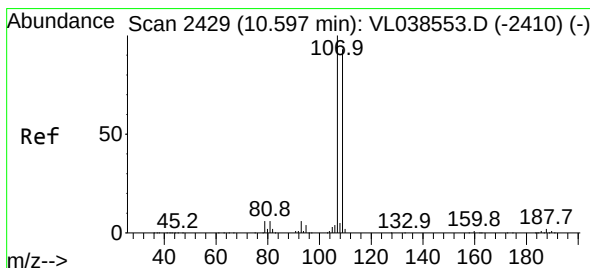
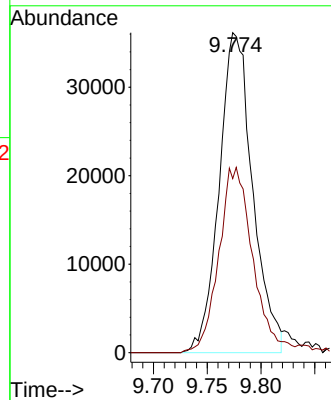
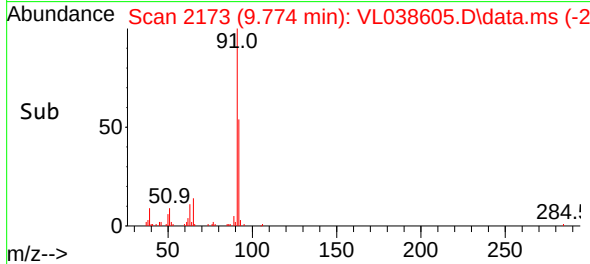
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 91 Resp: 78236
Ion Ratio Lower Upper
91 100
92 61.1 48.1 72.1

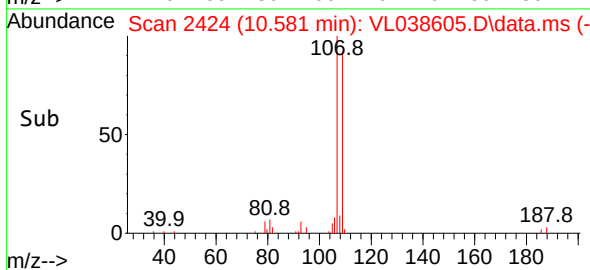
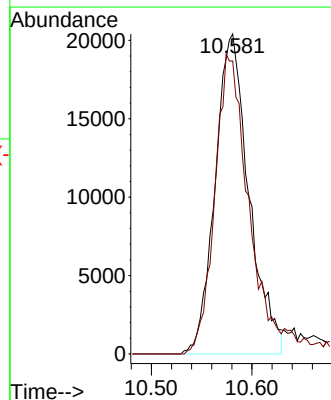
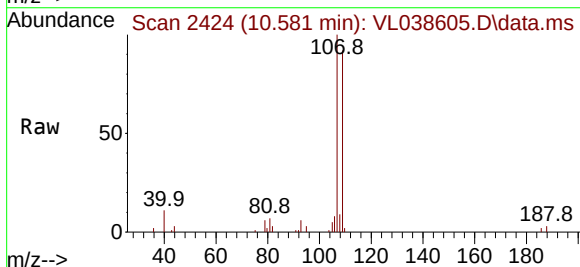
Manual Integrations
APPROVED

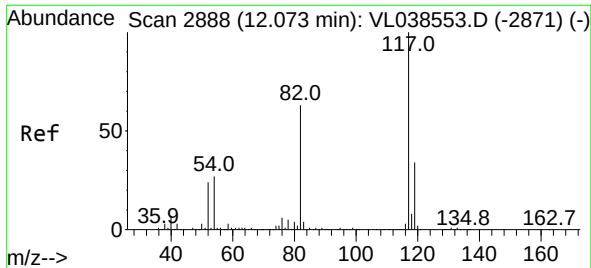
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
1,2-Dibromoethane
Concen: 0.471 ppbv
RT: 10.581 min Scan# 2424
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

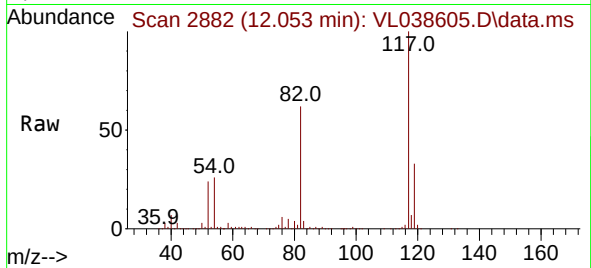
Tgt Ion:107 Resp: 47577
Ion Ratio Lower Upper
107 100
109 93.6 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.053 min Scan# 2882
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

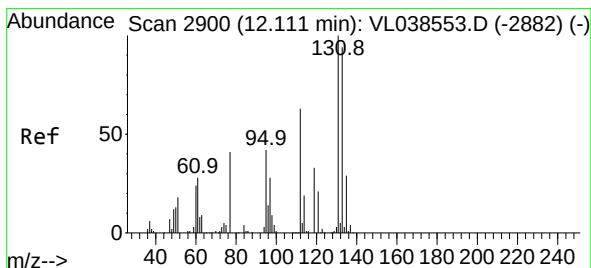
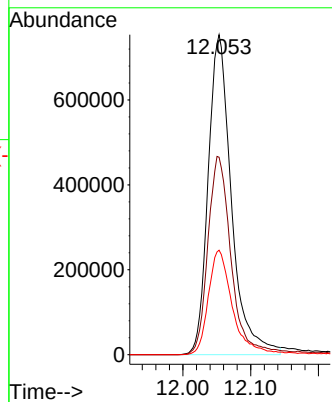
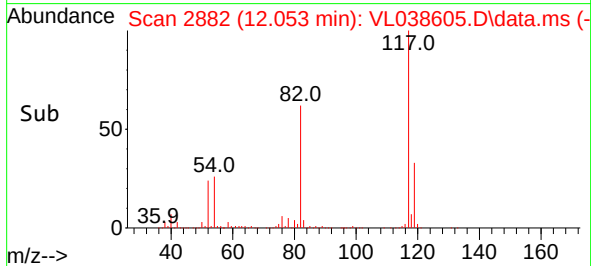
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion:117 Resp: 1799674
Ion Ratio Lower Upper
117 100
82 63.8 52.5 78.7
119 34.8 46.4 69.6

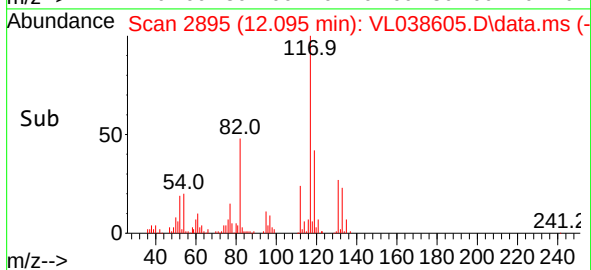
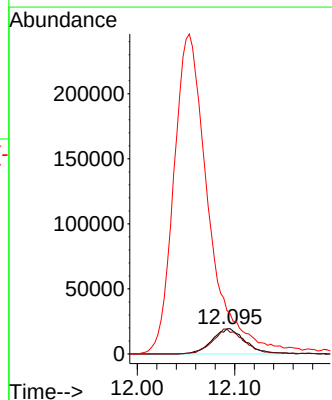
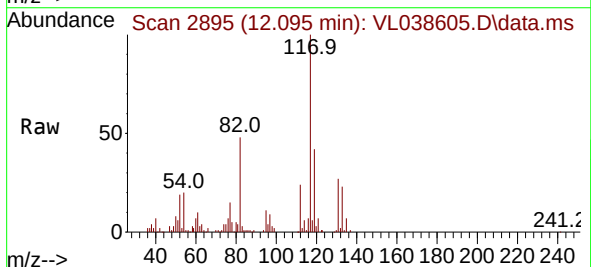
Manual Integrations
APPROVED

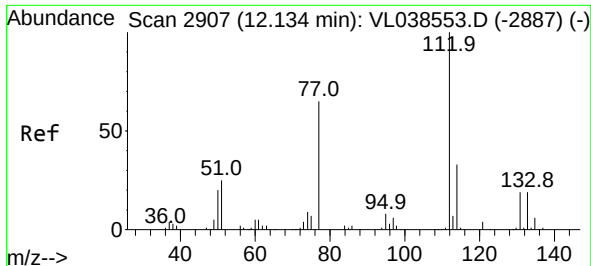
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.616 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion:131 Resp: 45153
Ion Ratio Lower Upper
131 100
133 97.9 78.0 117.0
119 1386.9 53.1 79.7#





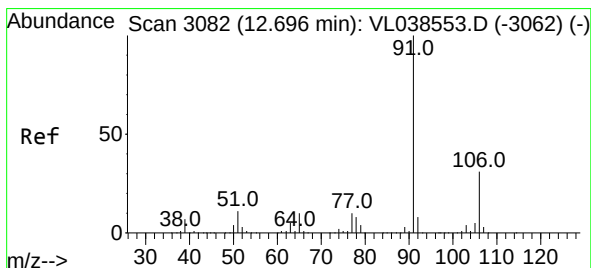
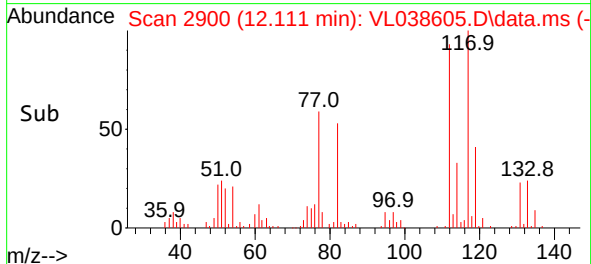
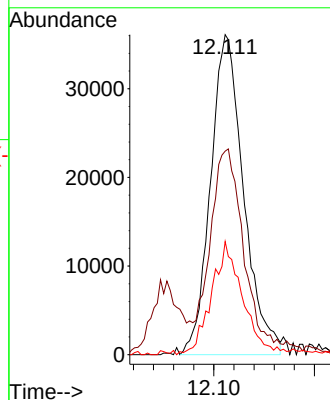
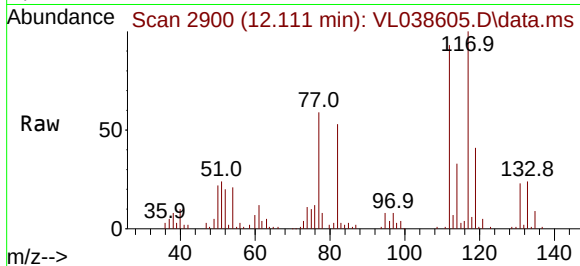
#57
Chlorobenzene
Concen: 0.599 ppbv
RT: 12.111 min Scan# 2907
Delta R.T. -0.022 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:112 Resp: 82289
Ion Ratio Lower Upper
112 100
77 60.2 52.5 78.7
114 34.4 30.0 36.6

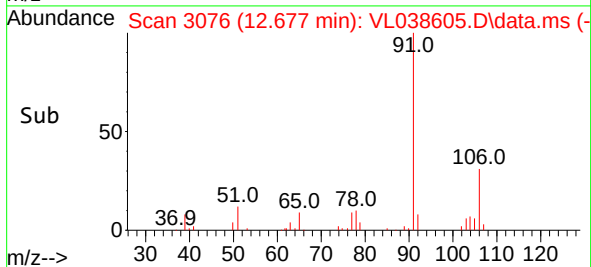
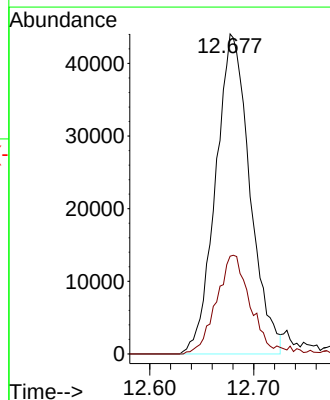
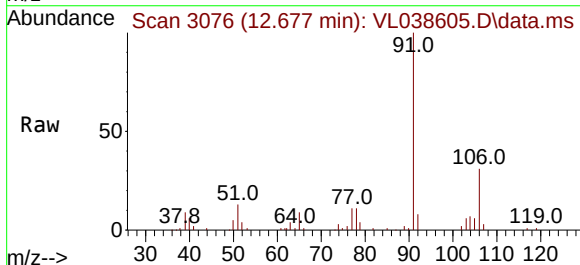
Manual Integrations
APPROVED

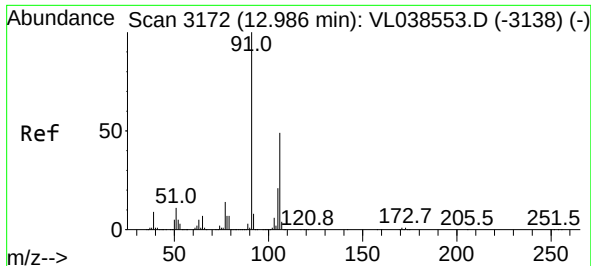
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58
Ethyl Benzene
Concen: 0.434 ppbv
RT: 12.677 min Scan# 3076
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

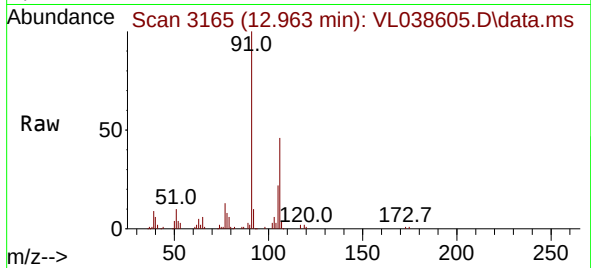
Tgt Ion: 91 Resp: 101090
Ion Ratio Lower Upper
91 100
106 30.6 24.6 37.0





#59
m/p-Xylene
Concen: 0.973 ppbv m
RT: 12.963 min Scan# 3172
Delta R.T. -0.022 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

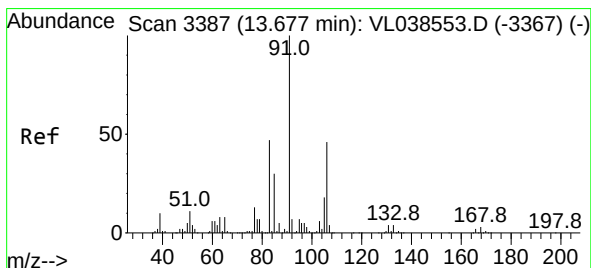
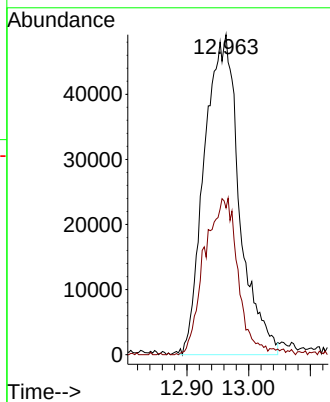
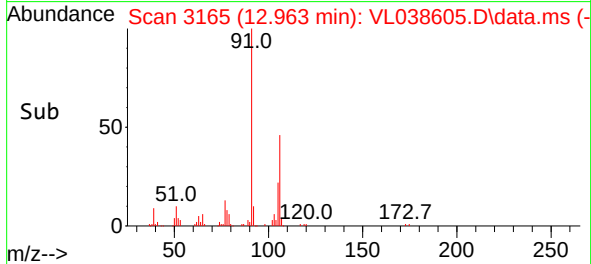
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 91 Resp: 19403
Ion Ratio Lower Upper
91 100
106 47.7 37.1 55.7

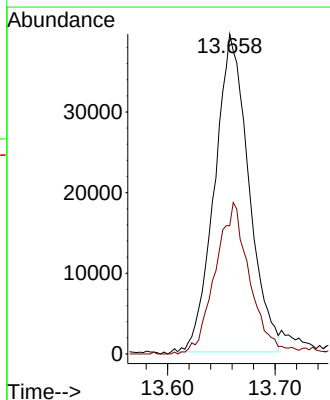
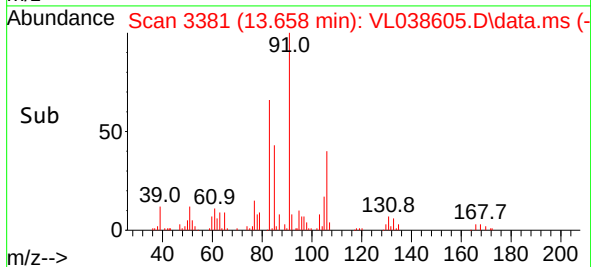
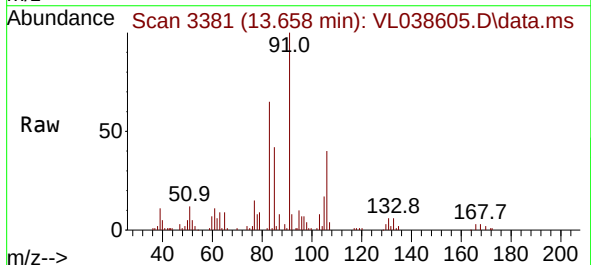
Manual Integrations
APPROVED

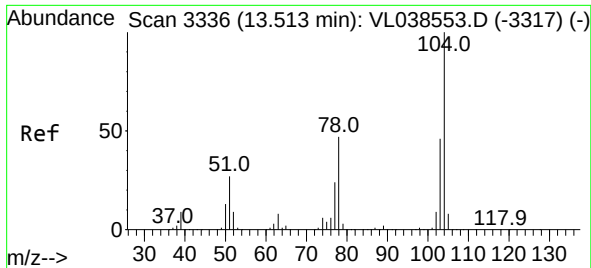
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#60
o-Xylene
Concen: 0.462 ppbv
RT: 13.658 min Scan# 3381
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion: 91 Resp: 86953
Ion Ratio Lower Upper
91 100
106 49.3 23.5 70.6





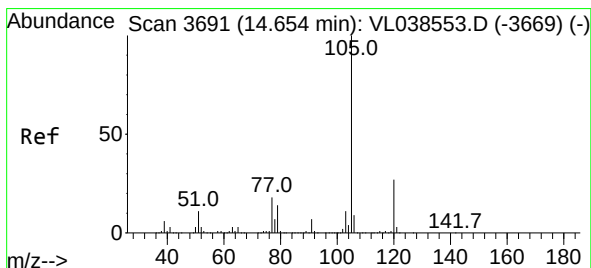
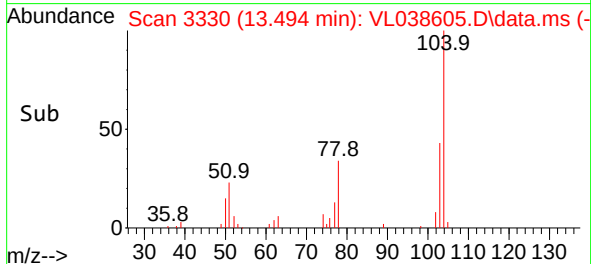
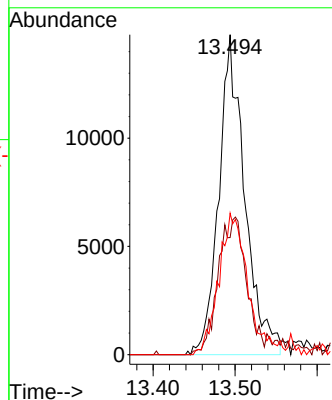
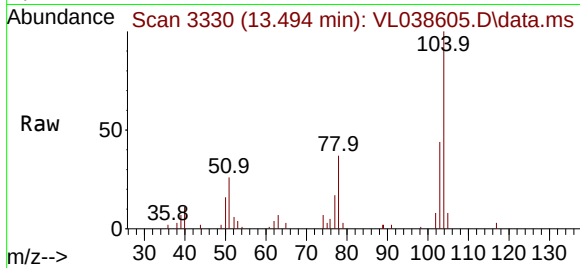
#61
Styrene
Concen: 0.350 ppbv m
RT: 13.494 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:104 Resp: 3245
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4
103 50.8 38.0 57.0

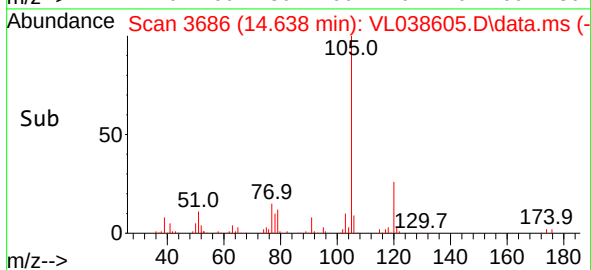
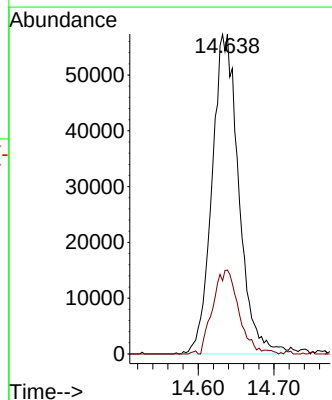
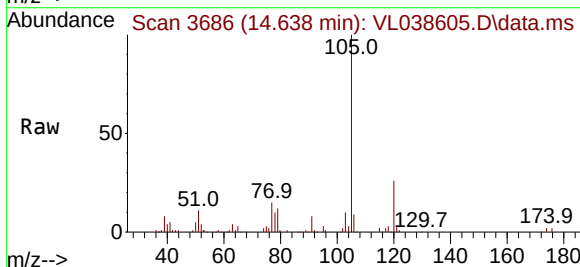
Manual Integrations
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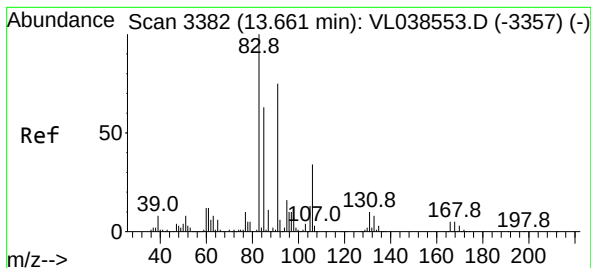
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62
Isopropylbenzene
Concen: 0.540 ppbv m
RT: 14.638 min Scan# 3686
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion:105 Resp: 140408
Ion Ratio Lower Upper
105 100
120 0.0 21.2 31.8#





#63

1,1,2,2-Tetrachloroethane

Concen: 0.574 ppbv m

RT: 13.639 min Scan# 31

Delta R.T. -0.022 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Instrument :

MSVOA_L

ClientSampleId :

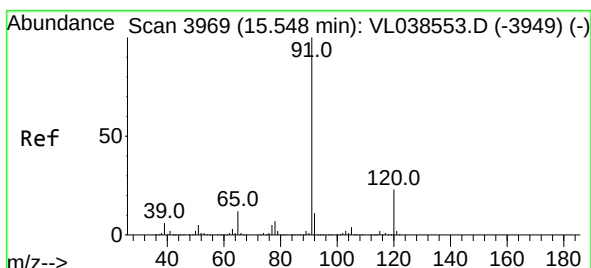
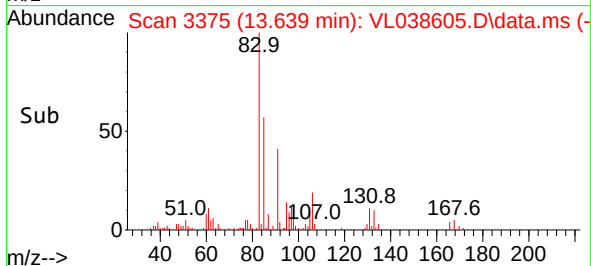
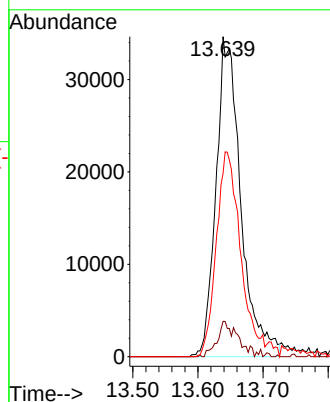
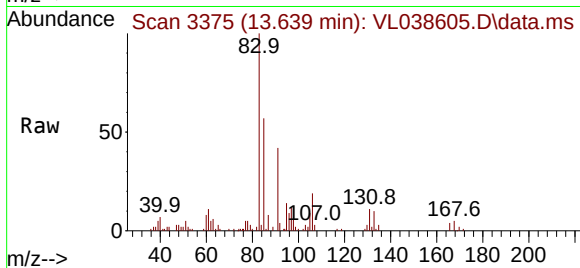
LOQ-AIR-02-QT1-2022

Tgt Ion: 83 Resp: 91299
 Ion Ratio Lower Upper
 83 100
 131 9.6 4.7 14.1
 85 66.1 32.6 98.0

Manual Integrations

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



#64

n-propylbenzene

Concen: 0.502 ppbv

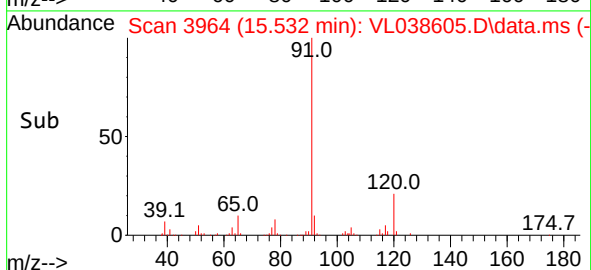
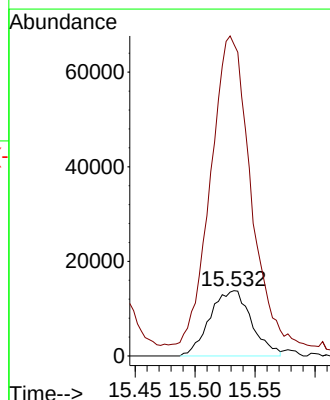
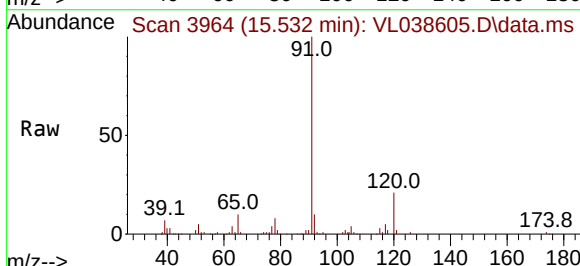
RT: 15.532 min Scan# 3964

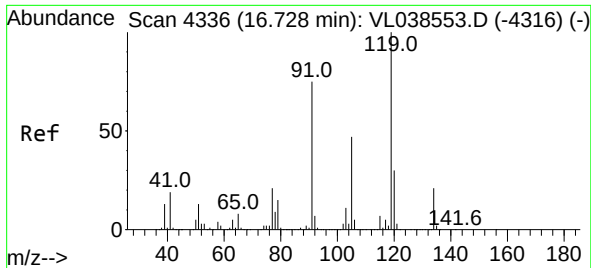
Delta R.T. -0.016 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

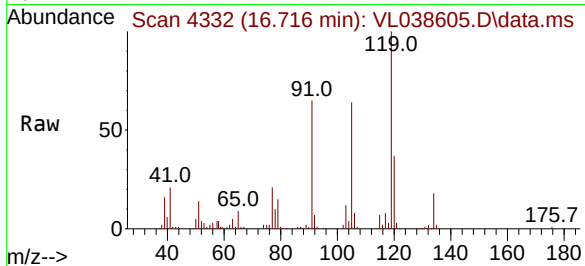
Tgt Ion:120 Resp: 33269
 Ion Ratio Lower Upper
 120 100
 91 508.7 374.2 561.2





#65
tert-Butylbenzene
Concen: 0.523 ppbv m
RT: 16.716 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

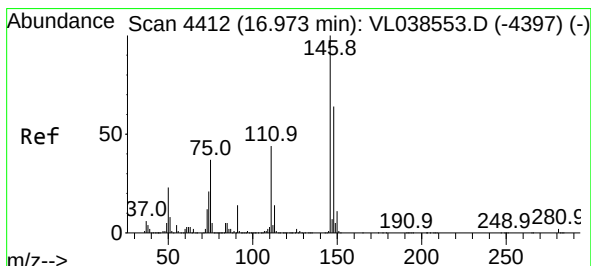
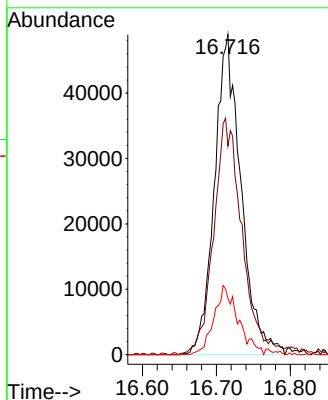
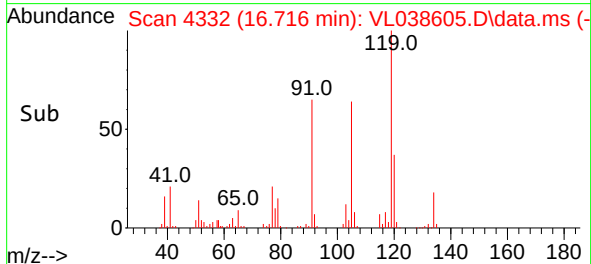
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 119 Resp: 12166
Ion Ratio Lower Upper
119 100
91 80.9 61.2 91.8
134 20.4 16.2 24.2

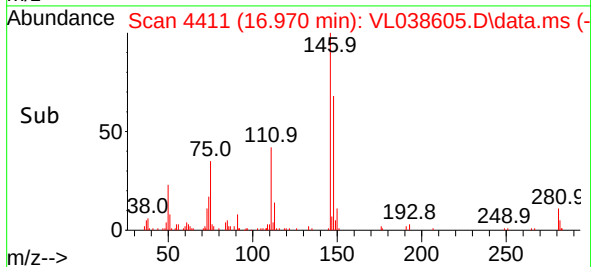
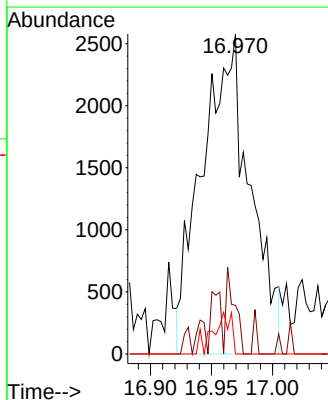
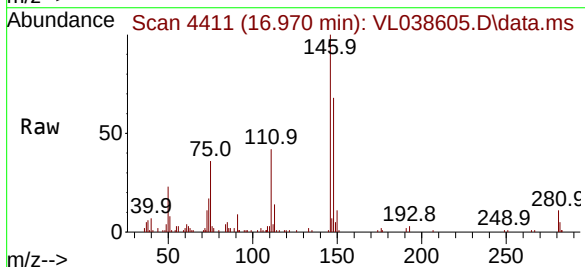
Manual Integrations
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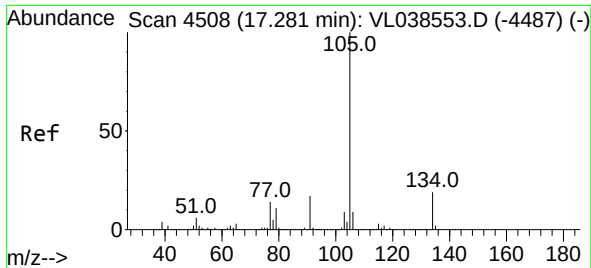
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
Benzyl Chloride
Concen: 0.511 ppbv m
RT: 16.970 min Scan# 4411
Delta R.T. -0.003 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

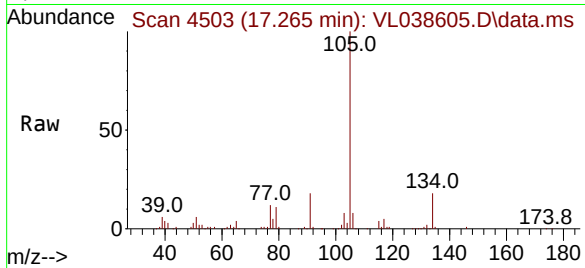
Tgt Ion: 91 Resp: 7044
Ion Ratio Lower Upper
91 100
126 1.0 14.1 21.1#
128 0.0 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.513 ppbv
 RT: 17.265 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42

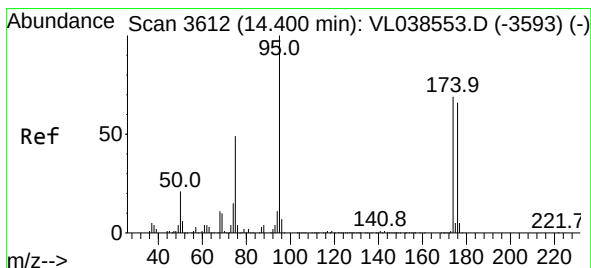
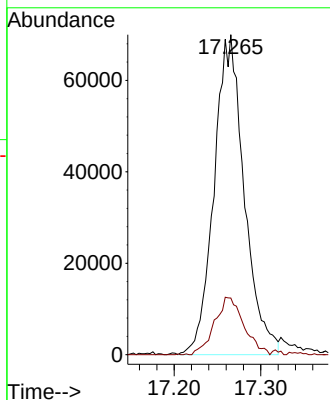
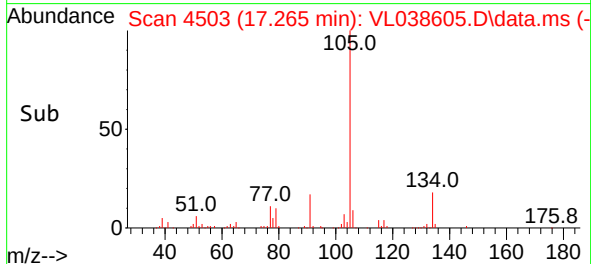
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



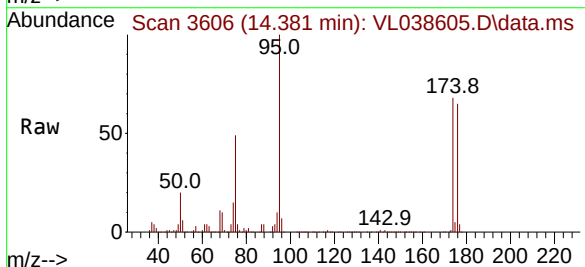
Tgt Ion: 105 Resp: 169530
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.0 22.6

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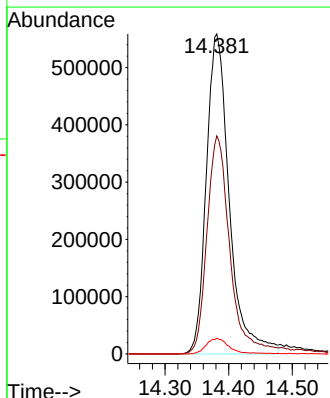
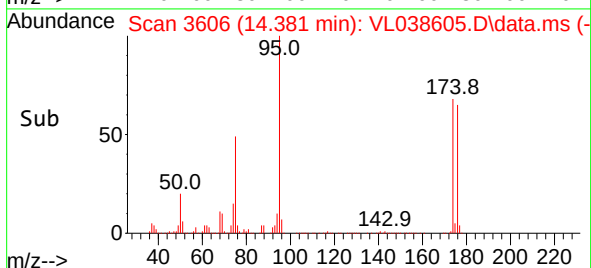
Reviewed By :Semsettin Yesilyurt 03/15/2022
 Supervised By :Mahesh Dadoda 03/18/2022

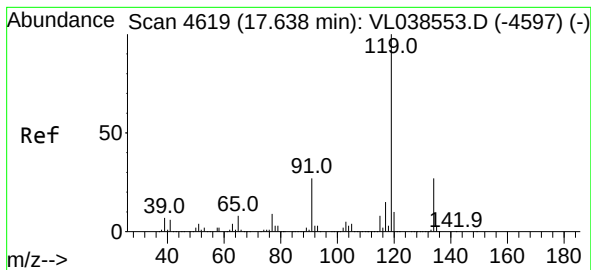


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.252 ppbv
 RT: 14.381 min Scan# 3606
 Delta R.T. -0.019 min
 Lab File: VL038605.D
 Acq: 14 Mar 2022 20:42



Tgt Ion: 95 Resp: 1402736
 Ion Ratio Lower Upper
 95 100
 174 70.9 56.2 84.4
 175 5.0 4.2 6.2





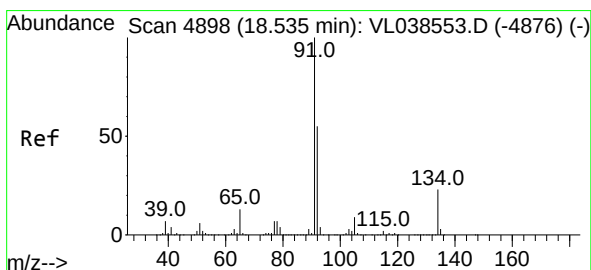
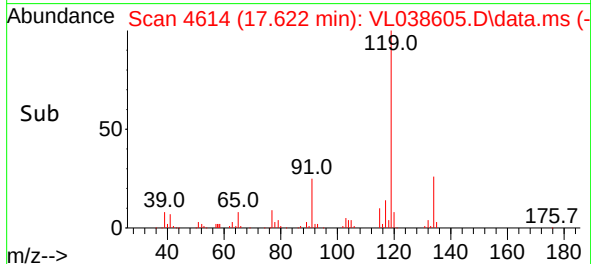
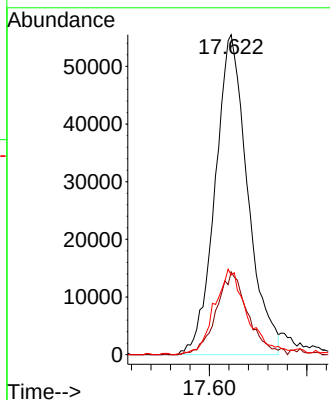
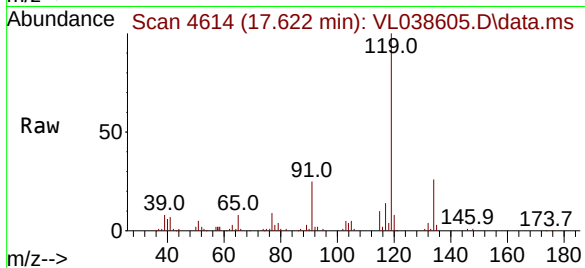
#69
p-Isopropyltoluene
Concen: 0.470 ppbv
RT: 17.622 min Scan# 4614
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion:119 Resp: 128560
Ion Ratio Lower Upper
119 100
134 25.2 20.9 31.3
91 28.5 21.1 31.7

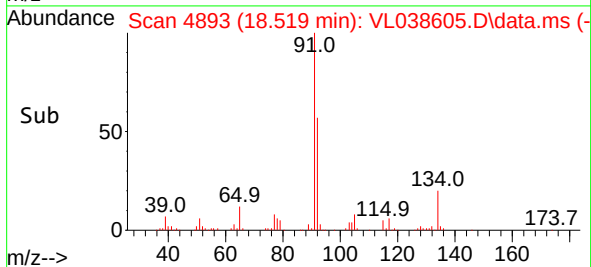
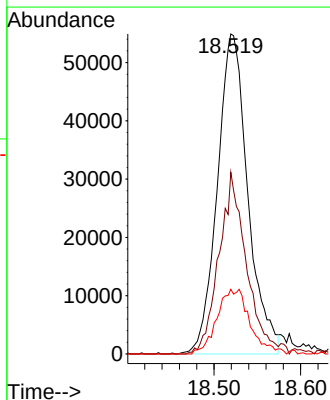
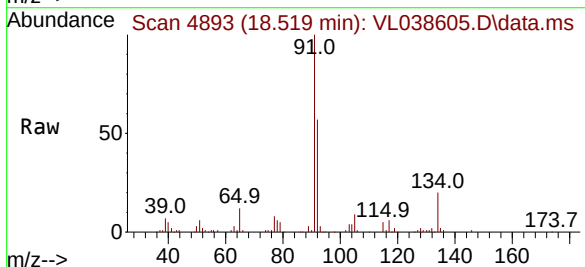
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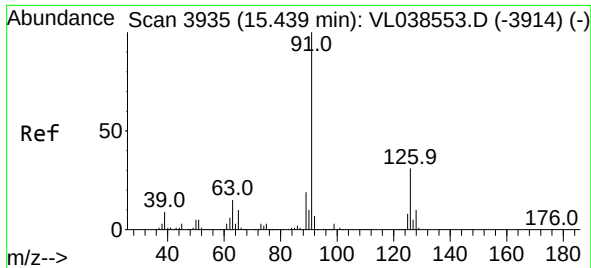
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
n-Butylbenzene
Concen: 0.461 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion: 91 Resp: 134366
Ion Ratio Lower Upper
91 100
92 52.1 43.8 65.8
134 22.1 18.7 28.1





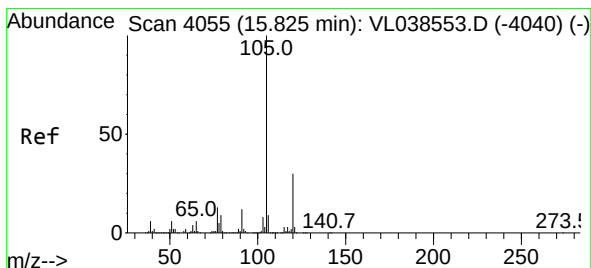
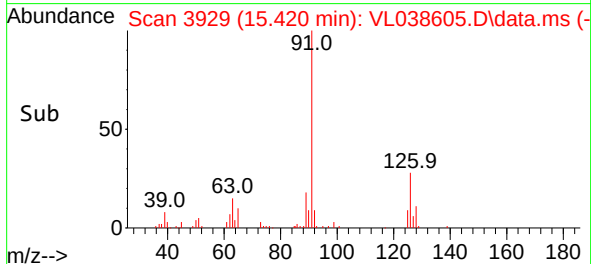
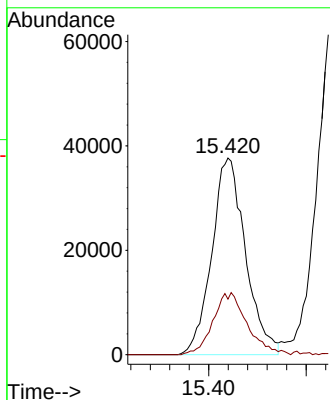
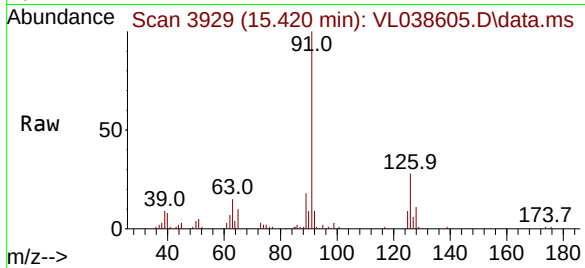
#71
2-Chlorotoluene
Concen: 0.469 ppbv
RT: 15.420 min Scan# 3935
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 91 Resp: 9059
Ion Ratio Lower Upper
91 100
126 32.1 12.9 51.7

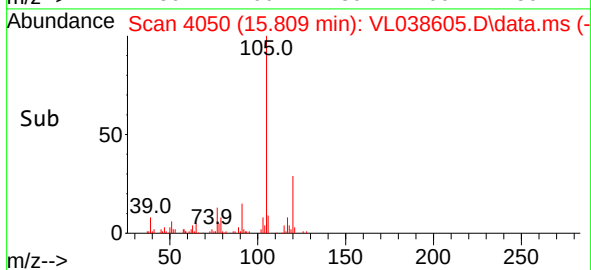
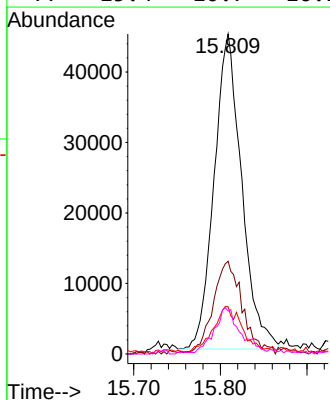
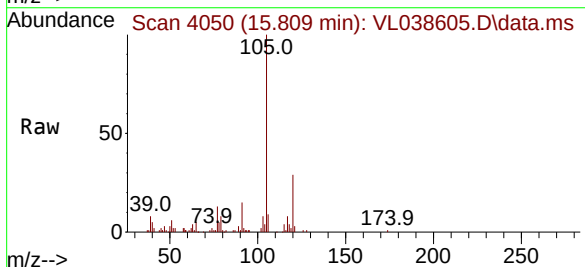
Manual Integrations
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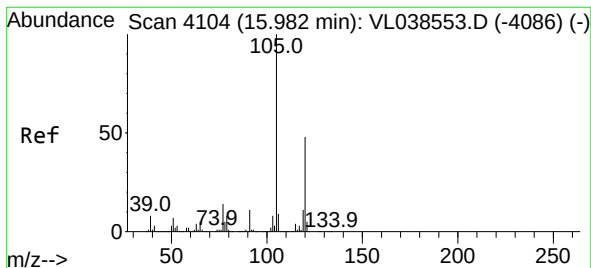
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022



#72
4-Ethyltoluene
Concen: 0.456 ppbv
RT: 15.809 min Scan# 4050
Delta R.T. -0.016 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

Tgt Ion:105 Resp: 98670
Ion Ratio Lower Upper
105 100
120 32.9 25.0 37.4
91 16.2 9.8 14.6#
77 15.4 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 0.466 ppbv

RT: 15.966 min Scan# 4099

Delta R.T. -0.016 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2022

Tgt Ion:105 Resp: 93536

Ion Ratio Lower Upper

105 100

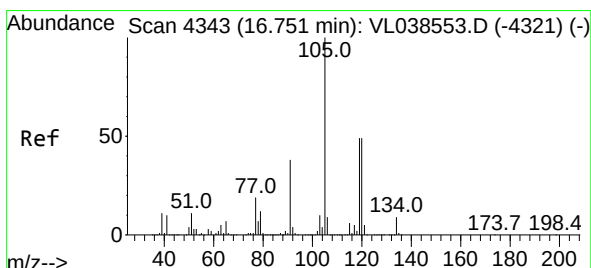
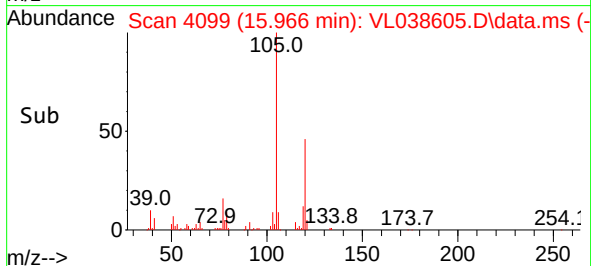
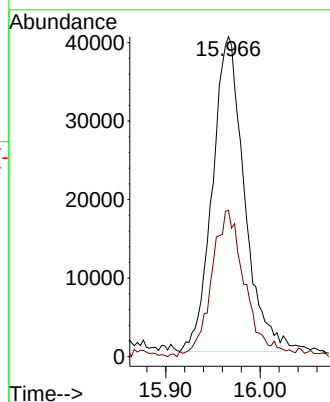
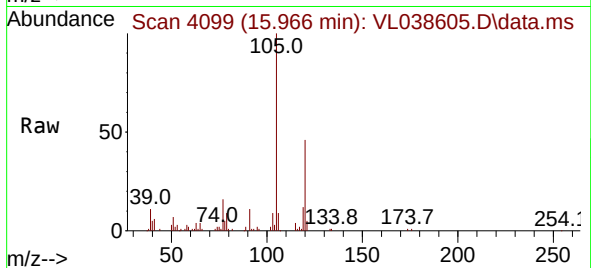
120 44.9 38.3 57.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.511 ppbv

RT: 16.728 min Scan# 4336

Delta R.T. -0.022 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Tgt Ion:105 Resp: 109596

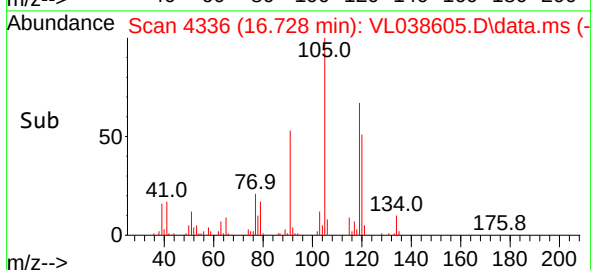
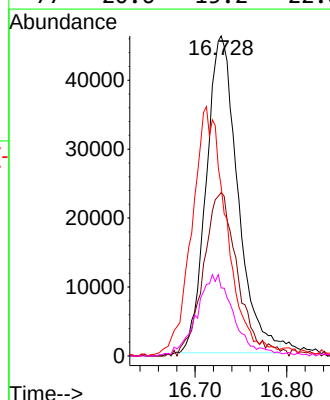
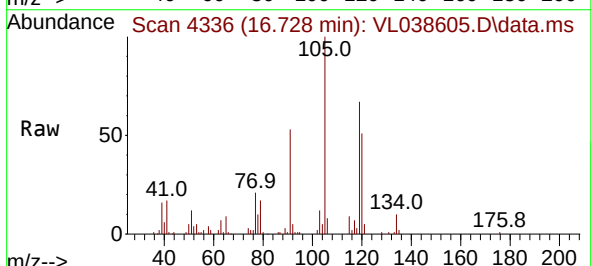
Ion Ratio Lower Upper

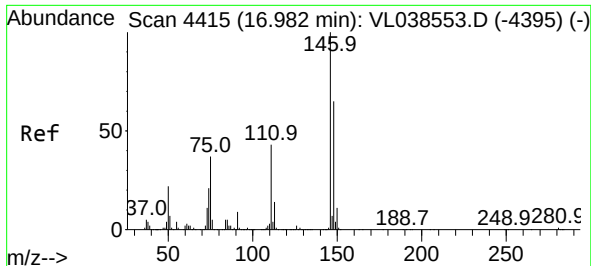
105 100

120 50.1 38.9 58.3

91 51.5 30.6 46.0#

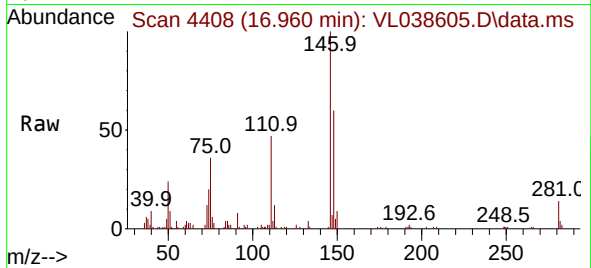
77 20.6 15.2 22.8





#75
1,3-Dichlorobenzene
Concen: 0.530 ppbv
RT: 16.960 min Scan# 4415
Delta R.T. -0.022 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

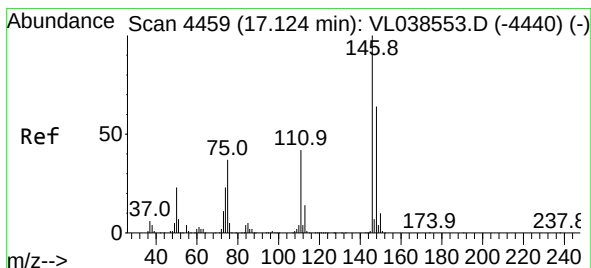
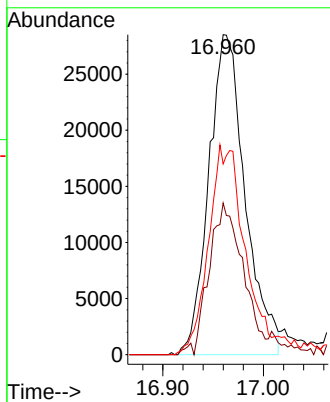
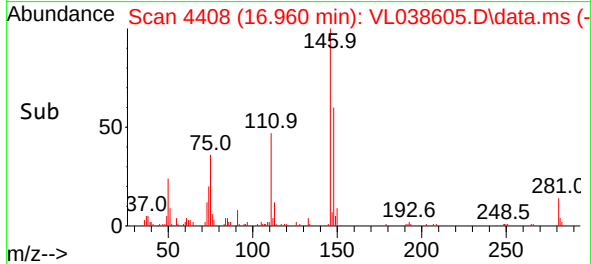
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



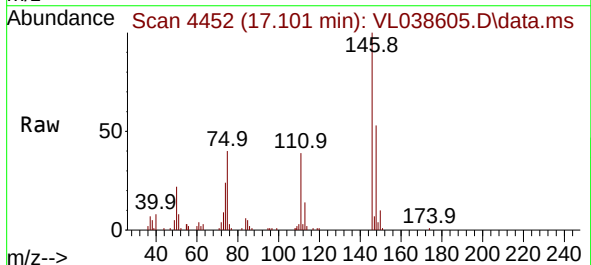
Tgt Ion:146 Resp: 71698
Ion Ratio Lower Upper
146 100
111 47.5 21.9 65.8
148 68.6 32.2 96.6

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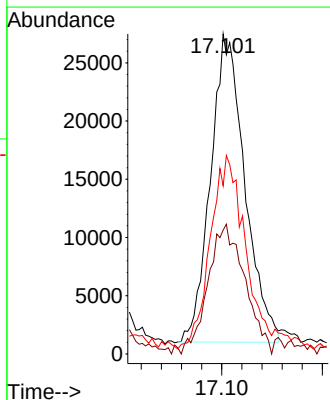
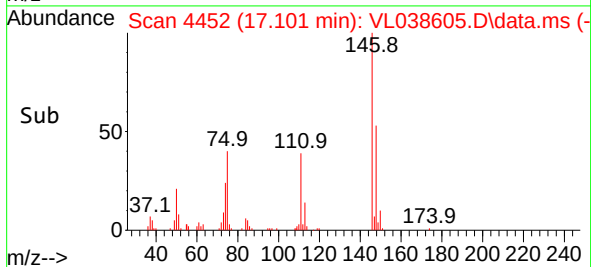
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

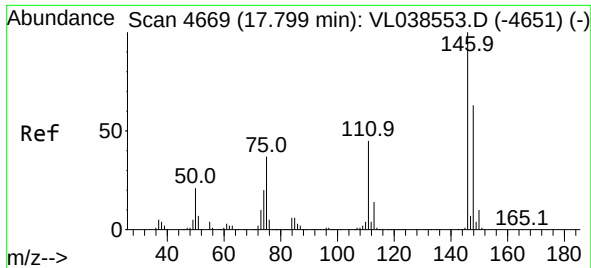


#76
1,4-Dichlorobenzene
Concen: 0.465 ppbv
RT: 17.101 min Scan# 4452
Delta R.T. -0.022 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42



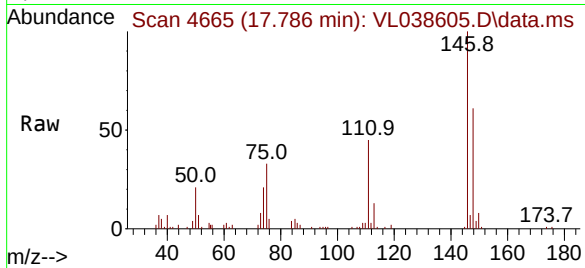
Tgt Ion:146 Resp: 62410
Ion Ratio Lower Upper
146 100
111 48.7 21.8 65.3
148 74.0 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.540 ppbv
RT: 17.786 min Scan# 4665
Delta R.T. -0.013 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42

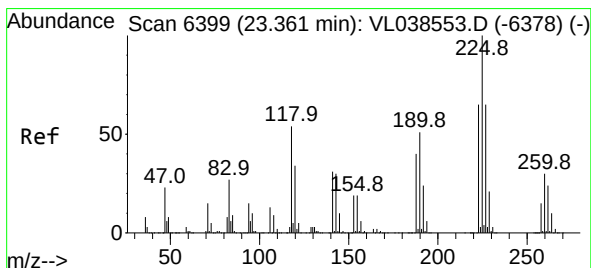
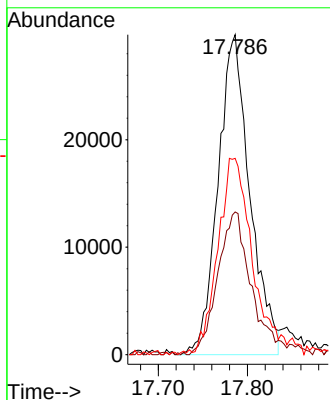
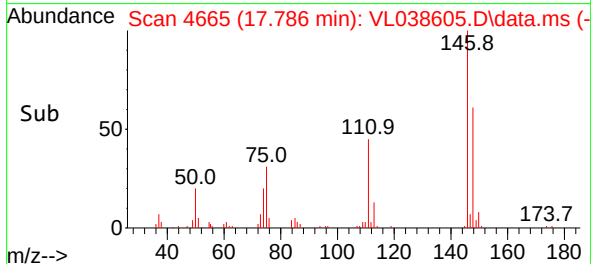
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



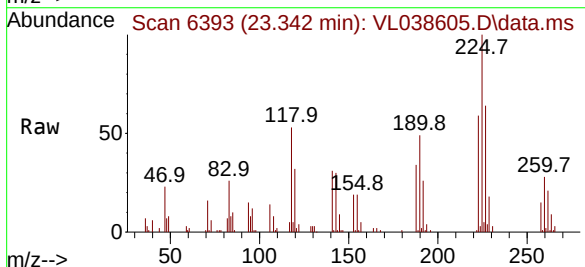
Tgt Ion:146 Resp: 74008
Ion Ratio Lower Upper
146 100
111 48.8 23.2 69.5
148 69.8 32.6 98.0

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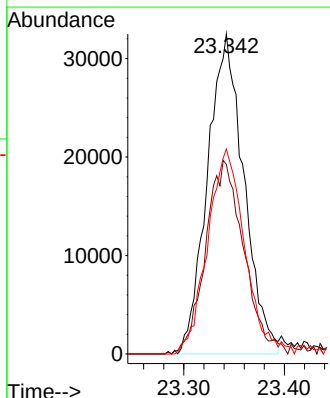
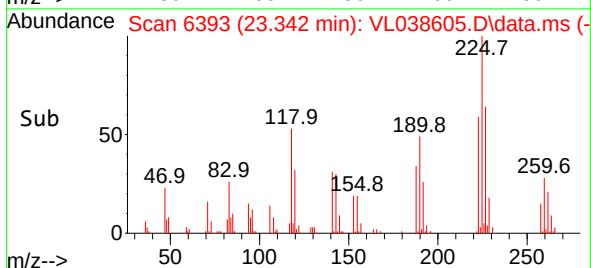
Reviewed By :Semsettin Yesilyurt 03/15/2022
Supervised By :Mahesh Dadoda 03/18/2022

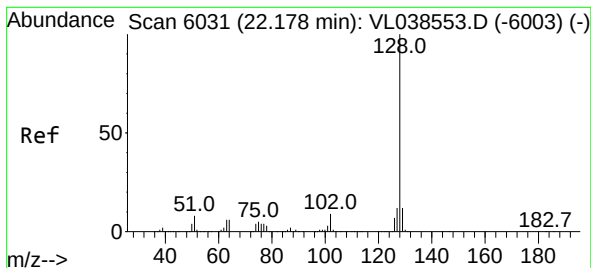


#78
Hexachloro-1,3-Butadiene
Concen: 0.612 ppbv
RT: 23.342 min Scan# 6393
Delta R.T. -0.019 min
Lab File: VL038605.D
Acq: 14 Mar 2022 20:42



Tgt Ion:225 Resp: 81750
Ion Ratio Lower Upper
225 100
223 64.4 51.4 77.0
227 66.6 51.9 77.9





#79

Naphthalene

Concen: 0.321 ppbv

RT: 22.159 min Scan# 6031

Delta R.T. -0.019 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Instrument :

MSVOA_L

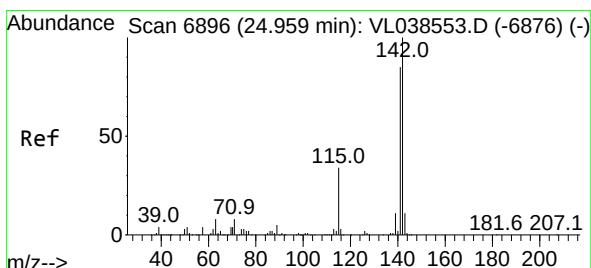
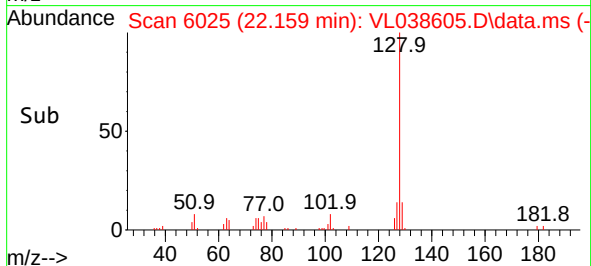
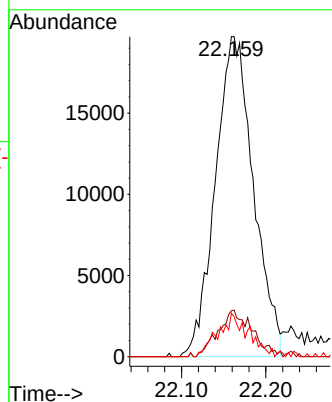
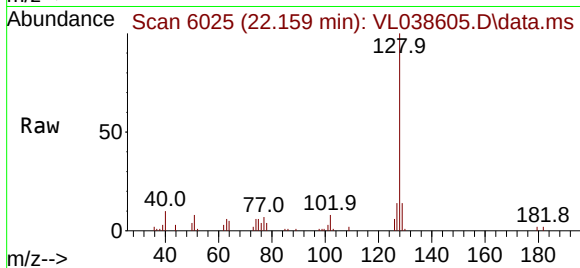
ClientSampleId :

LOQ-AIR-02-QT1-2022

Tgt Ion:128	Resp: 6186
Ion Ratio	Lower Upper
128 100	
127 14.4	9.9 14.9
129 13.6	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: 0.192 ppbv m

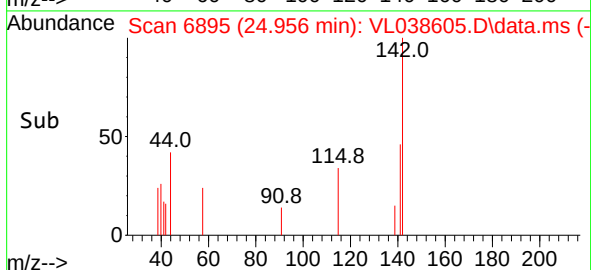
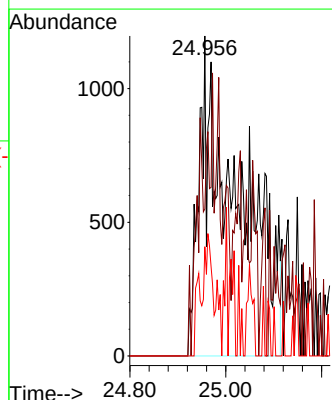
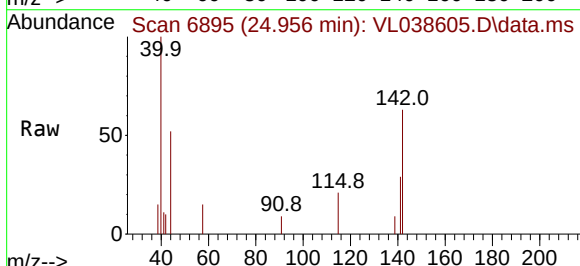
RT: 24.956 min Scan# 6895

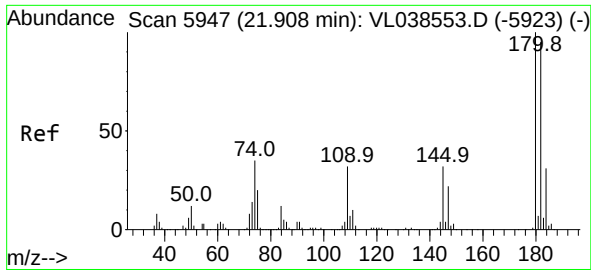
Delta R.T. -0.003 min

Lab File: VL038605.D

Acq: 14 Mar 2022 20:42

Tgt Ion:142	Resp: 6550
Ion Ratio	Lower Upper
142 100	
141 0.0	68.4 102.6#
115 0.0	27.9 41.9#





#81

1,2,4-Trichlorobenzene

Concen: 0.360 ppbv

RT: 21.892 min Scan# 5942

Delta R.T. -0.016 min

Lab File: VL038605.D

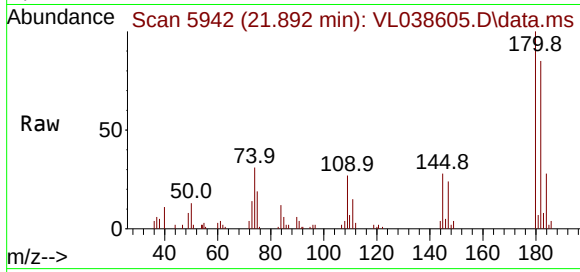
Acq: 14 Mar 2022 20:42

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2022



Tgt Ion:180 Resp: 44340

Ion Ratio Lower Upper

180 100

182 107.7 79.1 118.7

184 33.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/15/2022

Supervised By :Mahesh Dadoda 03/18/2022

