

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031422\
 Data File : VL038606.D
 Acq On : 14 Mar 2022 22:54
 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 03/19/2022
 Supervised By : Mahesh Dadoda 03/18/2022

Quant Time: Mar 15 01:47:19 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 01:47:19 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	814553	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	2036721	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.050	117	1835699	10.000	ppbv	#-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.381 95 1380439 9.891 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.037	85	66109	0.537	ppbv	100
3) Chlorodifluoromethane	2.980	51	81687	0.569	ppbv	100
4) Chloromethane	3.127	50	31527	0.592	ppbv	96
5) Vinyl Chloride	3.246	62	28462	0.533	ppbv	94
6) Bromomethane	3.462	94	17052	0.594	ppbv	96
7) Chloroethane	3.545	64	9472	0.547	ppbv #	77
8) Dichlorotetrafluoroethane	3.179	85	76241	0.639	ppbv	97
9) Propene	2.999	41	25406	0.501	ppbv	95
10) Heptane	8.095	43	54041	0.446	ppbv	92
11) Trichlorofluoromethane	3.931	101	63880	0.592	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.465	101	46835	0.558	ppbv	93
13) Ethanol	3.607	45	5211m	0.895	ppbv	
14) Bromoethene	3.726	108	18206	0.509	ppbv #	85
15) Acetone	3.854	43	37170m	0.647	ppbv	
16) 1,3-Butadiene	3.317	39	23620	0.512	ppbv	94
17) tert-Butyl alcohol	4.295	59	35228m	0.564	ppbv	
18) 1,1-Dichloroethene	4.272	96	20132	0.536	ppbv	98
19) Isopropyl Alcohol	3.967	45	20619m	0.537	ppbv	
20) Methylene Chloride	4.327	84	19647	0.568	ppbv #	84
21) Allyl Chloride	4.394	41	27015	0.488	ppbv	91
22) trans-1,2-Dichloroethene	4.867	96	20700	0.526	ppbv	93
23) Vinyl Acetate	5.057	43	42316	0.514	ppbv #	96
24) 1,1-Dichloroethane	4.989	63	43580	0.582	ppbv	99
25) Ethyl Acetate	5.664	43	95535	0.494	ppbv	97
26) Hexane	5.664	57	47403m	0.522	ppbv	
27) Carbon Disulfide	4.533	76	46130	0.510	ppbv #	92
28) Methyl tert-Butyl Ether	5.024	73	37882	0.512	ppbv	92
29) Chloroform	5.725	83	79835	0.565	ppbv	96
30) Cyclohexane	7.105	84	28517	0.363	ppbv #	85
31) cis-1,2-Dichloroethene	5.526	61	42430	0.488	ppbv	98
32) 1,1,1-Trichloroethane	6.481	97	73250	0.534	ppbv	97
34) 2-Butanone	5.237	43	29491	0.559	ppbv	92
35) Carbon Tetrachloride	6.989	117	77197	0.556	ppbv	99
36) Benzene	6.864	78	91151	0.496	ppbv	97
37) 1,2-Dichloroethane	6.275	62	48510	0.552	ppbv	100
38) Trichloroethene	7.806	130	35596	0.485	ppbv	86
39) 1,2-Dichloropropane	7.584	63	38175	0.540	ppbv	92
40) 1,4-Dioxane	7.851	88	11588m	0.655	ppbv	
41) Tetrahydrofuran	6.053	42	15844	0.367	ppbv	96
42) Bromodichloromethane	7.761	83	78970	0.567	ppbv	87
43) Methyl Methacrylate	7.995	69	24973	0.396	ppbv	93
44) 2,2,4-Trimethylpentane	7.841	57	158143	0.509	ppbv	94
45) t-1,3-Dichloropropene	9.249	75	17752m	0.390	ppbv	

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

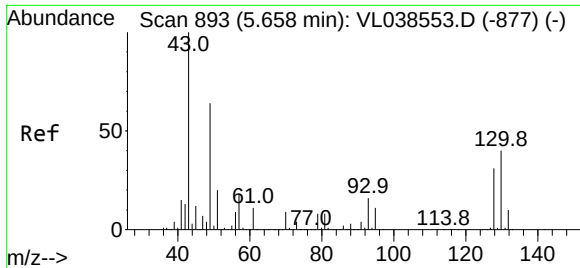
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Mar 08 21:18:44 2022

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

Response via : Initial Calibration

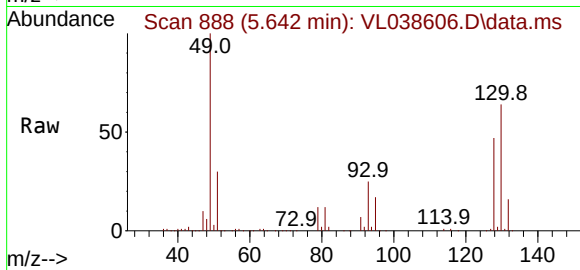
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.674	75	20394	0.328	ppbv	95
47) 1,1,2-Trichloroethane	9.439	97	39656	0.550	ppbv	96
48) Dibromochloromethane	10.272	129	60043	0.525	ppbv	99
49) Bromoform	13.008	173	47723m	0.545	ppbv	
50) 4-Methyl-2-Pentanone	8.735	43	45926m	0.424	ppbv	
51) 2-Hexanone	10.134	43	16775m	0.367	ppbv	
52) Tetrachloroethene	11.191	164	32817m	0.487	ppbv	
53) Toluene	9.770	91	81565	0.416	ppbv	100
54) 1,2-Dibromoethane	10.577	107	49339	0.479	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.089	131	45491	0.608	ppbv #	1
57) Chlorobenzene	12.108	112	85327	0.609	ppbv #	86
58) Ethyl Benzene	12.680	91	102661	0.432	ppbv	95
59) m/p-Xylene	12.966	91	204495m	1.005	ppbv	
60) o-Xylene	13.658	91	94622	0.492	ppbv	98
61) Styrene	13.497	104	32688	0.345	ppbv	94
62) Isopropylbenzene	14.638	105	137511m	0.519	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.645	83	87766	0.541	ppbv	95
64) n-propylbenzene	15.532	120	32302	0.478	ppbv	80
65) tert-Butylbenzene	16.715	119	121280	0.512	ppbv	95
66) Benzyl Chloride	16.966	91	7487m	0.533	ppbv	
67) sec-Butylbenzene	17.262	105	175149	0.520	ppbv	99
69) p-Isopropyltoluene	17.622	119	128258	0.459	ppbv	97
70) n-Butylbenzene	18.522	91	135945	0.457	ppbv	97
71) 2-Chlorotoluene	15.420	91	94352	0.479	ppbv	98
72) 4-Ethyltoluene	15.809	105	98653	0.447	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.963	105	89556	0.437	ppbv	99
74) 1,2,4-Trimethylbenzene	16.731	105	113194	0.517	ppbv	95
75) 1,3-Dichlorobenzene	16.963	146	74447m	0.539	ppbv	
76) 1,4-Dichlorobenzene	17.104	146	67855	0.496	ppbv	96
77) 1,2-Dichlorobenzene	17.786	146	71369	0.511	ppbv	91
78) Hexachloro-1,3-Butadiene	23.345	225	83961	0.616	ppbv	99
79) Naphthalene	22.162	128	68409m	0.347	ppbv	
80) Naphthalene,2-methyl-	24.963	142	7952m	0.229	ppbv	
81) 1,2,4-Trichlorobenzene	21.889	180	53532m	0.425	ppbv	

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



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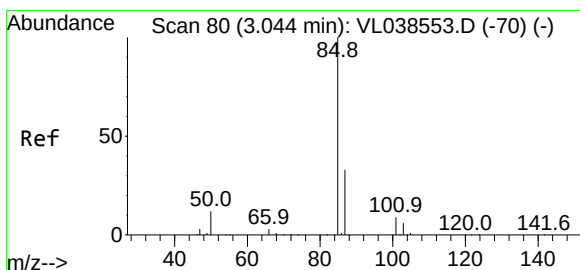
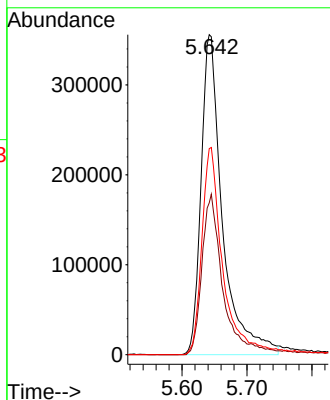
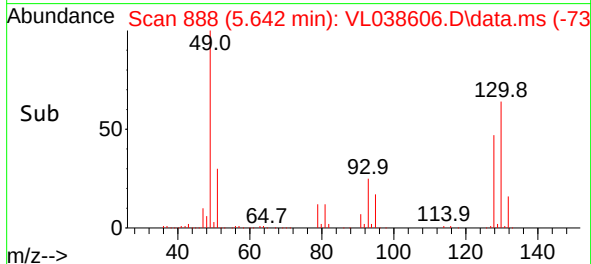
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 49 Resp: 81455
Ion Ratio Lower Upper
49 100
128 51.4 26.4 79.2
130 65.9 33.0 98.9

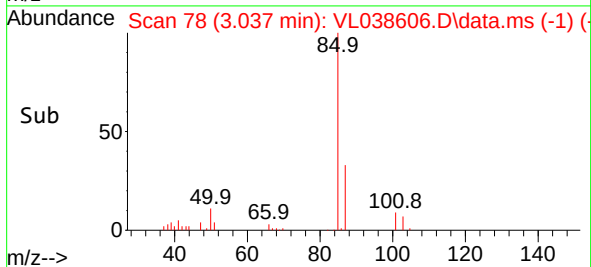
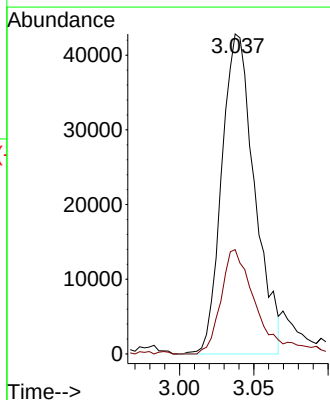
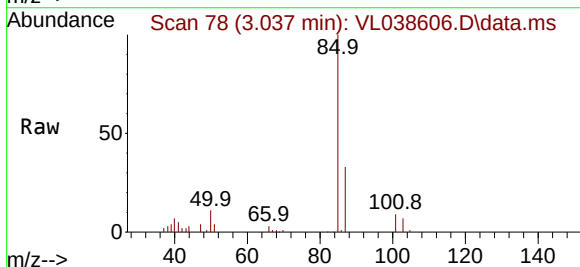
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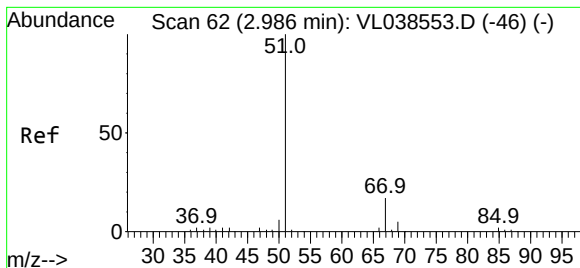
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#2
Dichlorodifluoromethane
Concen: 0.537 ppbv
RT: 3.037 min Scan# 78
Delta R.T. -0.006 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 85 Resp: 66109
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.2





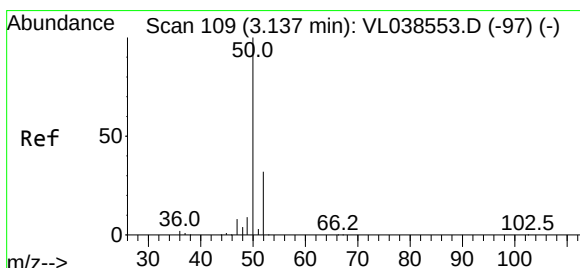
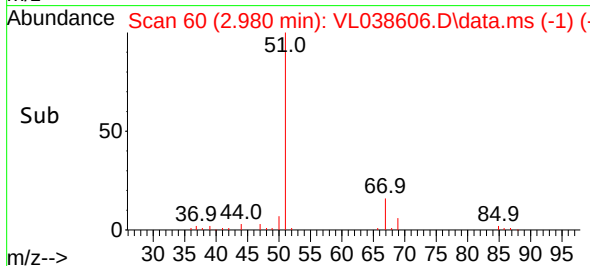
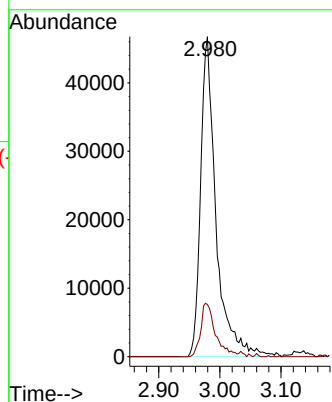
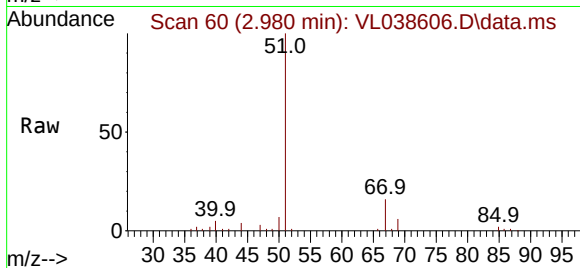
#3
Chlorodifluoromethane
Concen: 0.569 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.007 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

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

Tgt Ion: 51 Resp: 8168
Ion Ratio Lower Upper
51 100
67 16.9 13.6 20.4

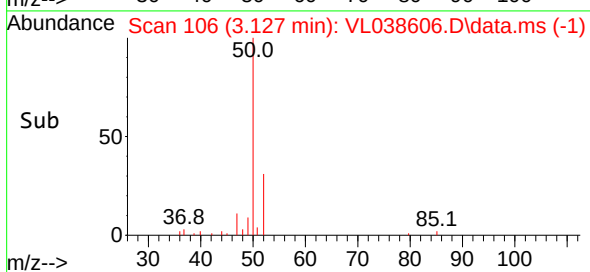
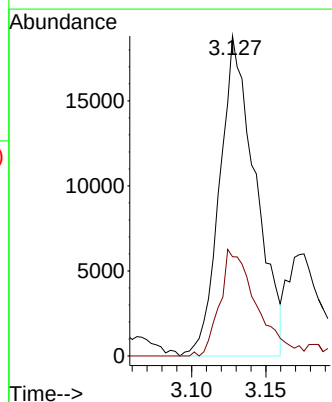
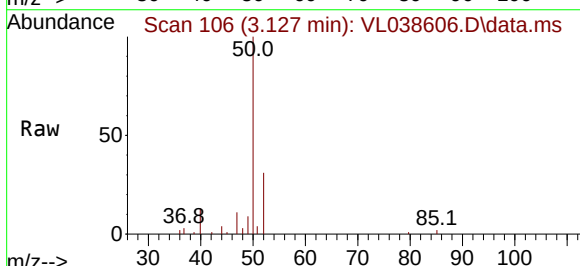
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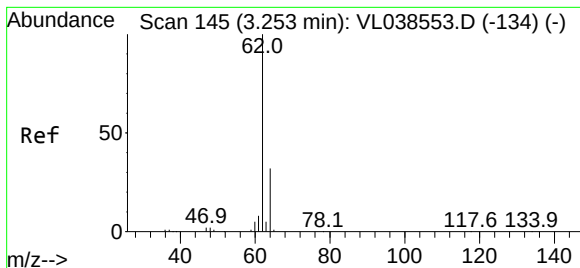
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#4
Chloromethane
Concen: 0.592 ppbv
RT: 3.127 min Scan# 106
Delta R.T. -0.010 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

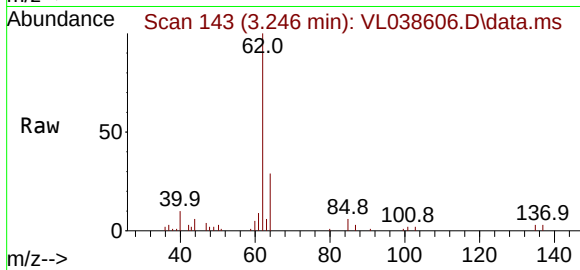
Tgt Ion: 50 Resp: 31527
Ion Ratio Lower Upper
50 100
52 29.9 25.6 38.4





#5
 Vinyl Chloride
 Concen: 0.533 ppbv
 RT: 3.246 min Scan# 145
 Delta R.T. -0.006 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

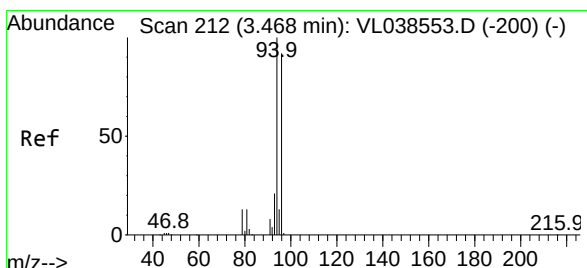
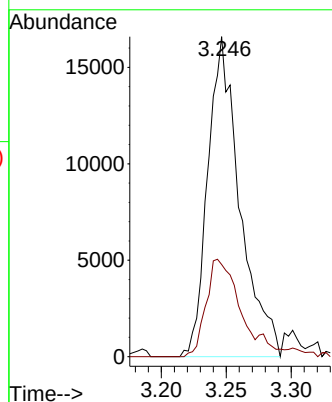
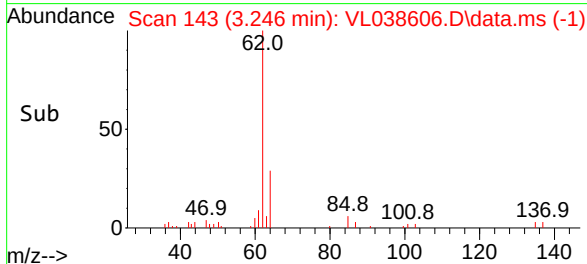
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 62 Resp: 2846
 Ion Ratio Lower Upper
 62 100
 64 28.8 25.8 38.6

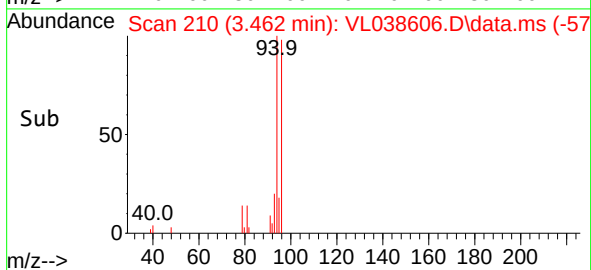
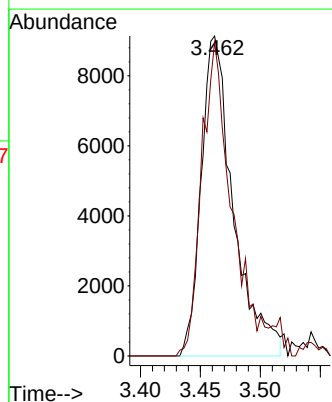
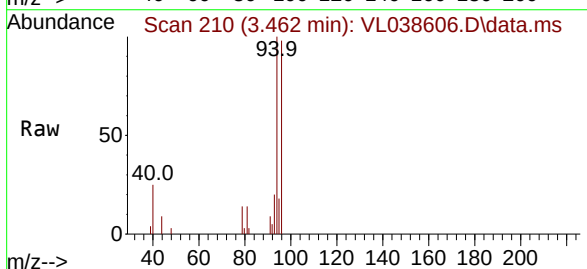
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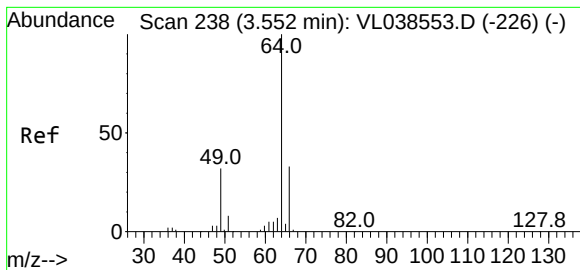
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#6
 Bromomethane
 Concen: 0.594 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.006 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

Tgt Ion: 94 Resp: 17052
 Ion Ratio Lower Upper
 94 100
 96 96.1 73.7 110.5





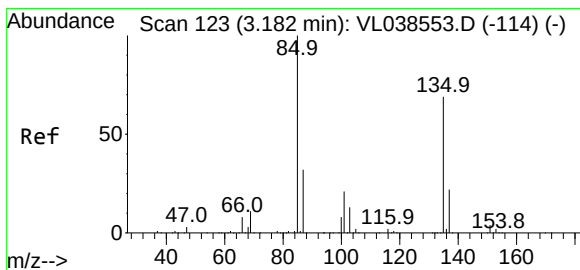
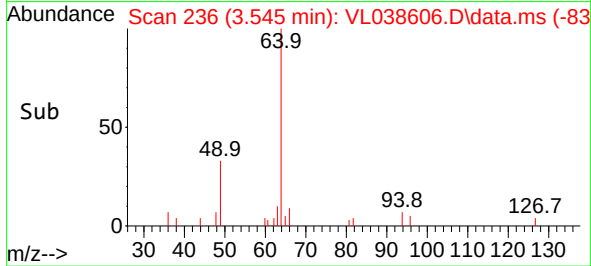
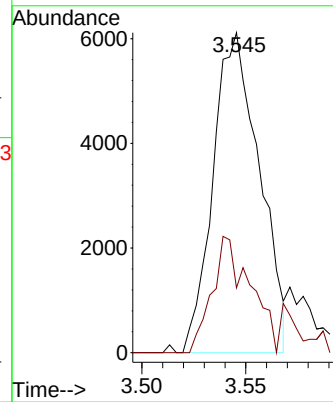
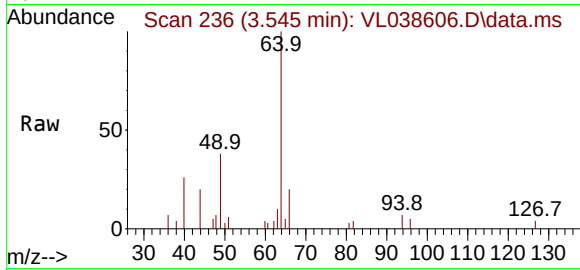
#7
Chloroethane
Concen: 0.547 ppbv
RT: 3.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

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

Tgt Ion: 64 Resp: 9472
Ion Ratio Lower Upper
64 100
66 20.3 26.6 39.8

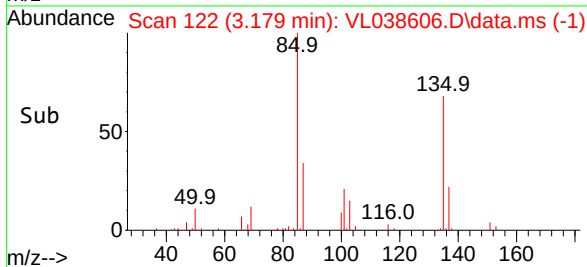
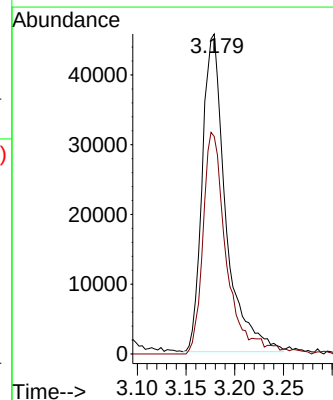
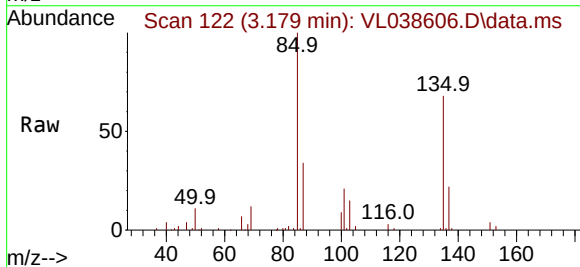
Manual Integrations
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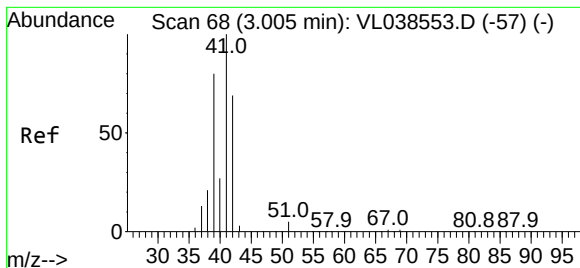
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#8
Dichlorotetrafluoroethane
Concen: 0.639 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.003 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

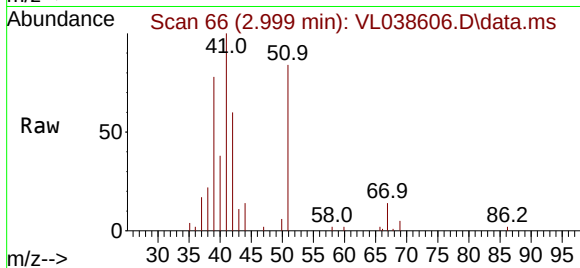
Tgt Ion: 85 Resp: 76241
Ion Ratio Lower Upper
85 100
135 71.4 59.0 88.4





#9
 Propene
 Concen: 0.501 ppbv
 RT: 2.999 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

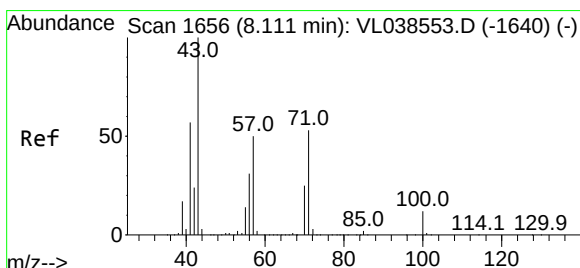
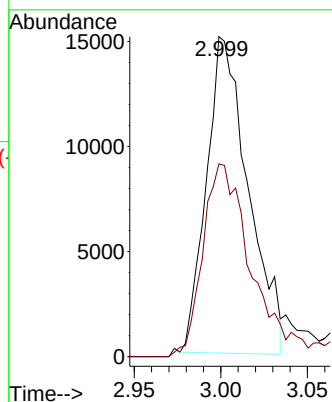
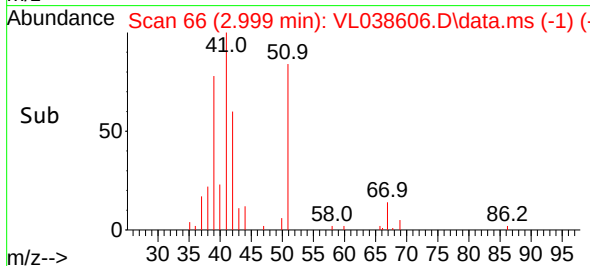
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 41 Resp: 25400
 Ion Ratio Lower Upper
 41 100
 42 73.3 55.7 83.5

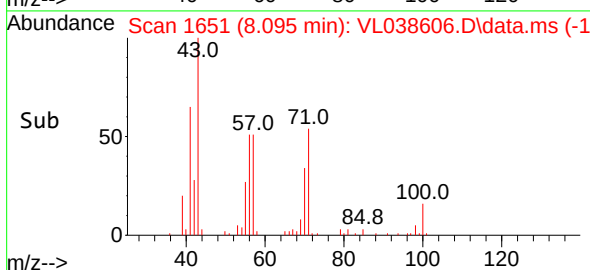
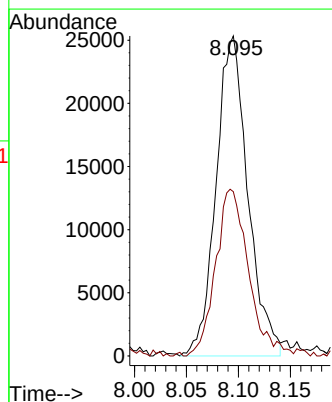
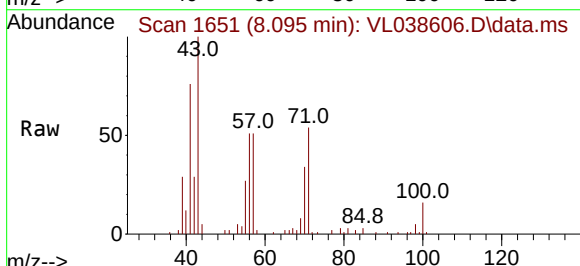
Manual Integrations
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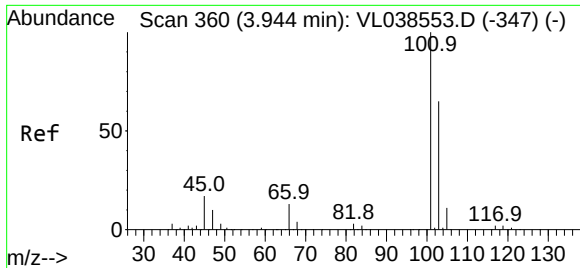
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#10
 Heptane
 Concen: 0.446 ppbv
 RT: 8.095 min Scan# 1651
 Delta R.T. -0.016 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

Tgt Ion: 43 Resp: 54041
 Ion Ratio Lower Upper
 43 100
 57 54.7 39.6 59.4





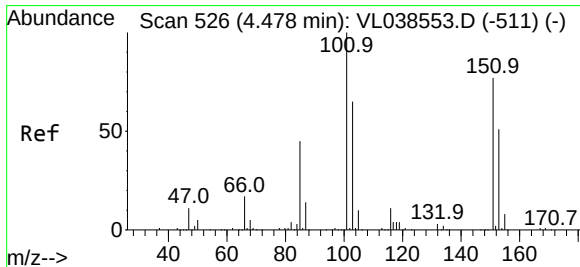
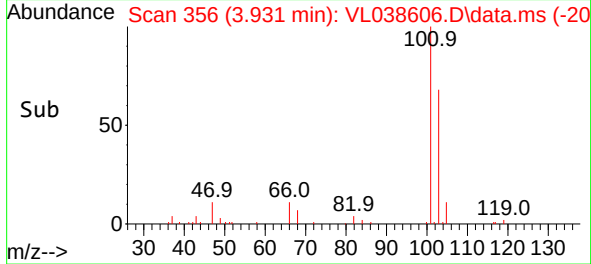
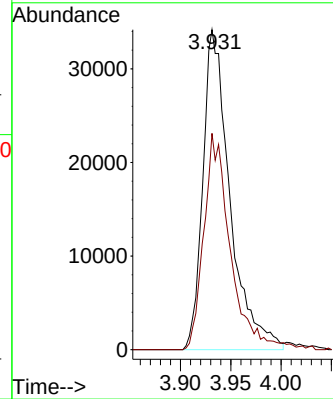
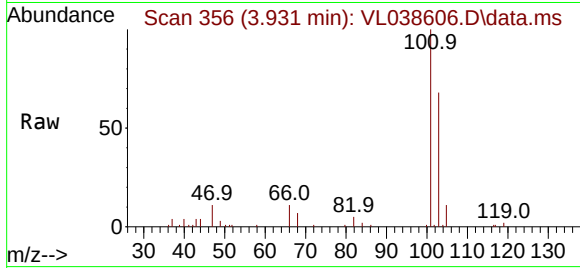
#11
 Trichlorofluoromethane
 Concen: 0.592 ppbv
 RT: 3.931 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

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

Tgt Ion:101 Resp: 63880
 Ion Ratio Lower Upper
 101 100
 103 67.6 52.0 78.0

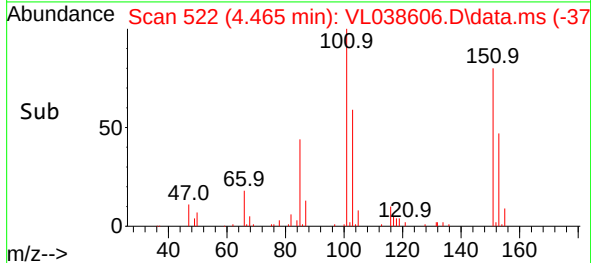
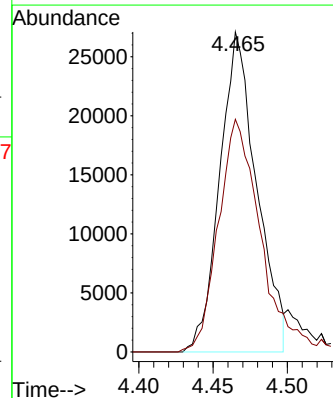
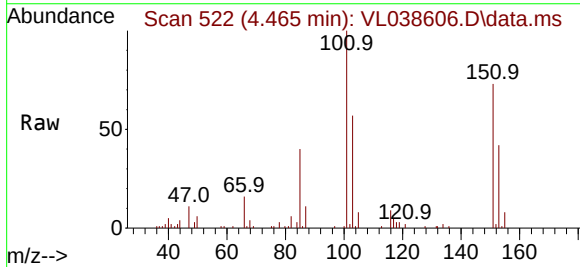
Manual Integrations
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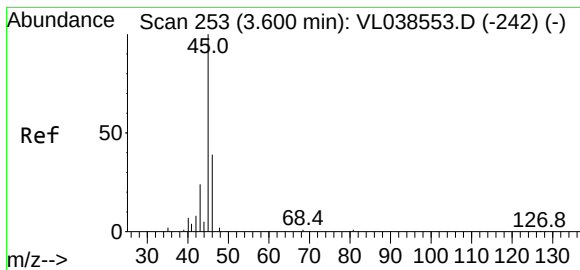
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.558 ppbv
 RT: 4.465 min Scan# 522
 Delta R.T. -0.013 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

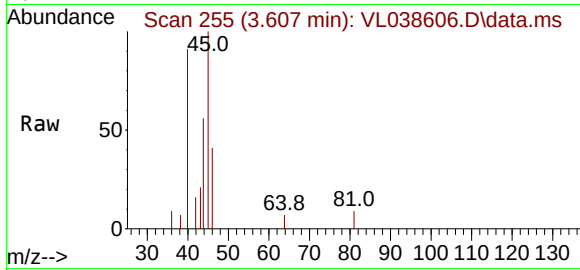
Tgt Ion:101 Resp: 46835
 Ion Ratio Lower Upper
 101 100
 151 85.8 63.4 95.0





#13
Ethanol
Concen: 0.895 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

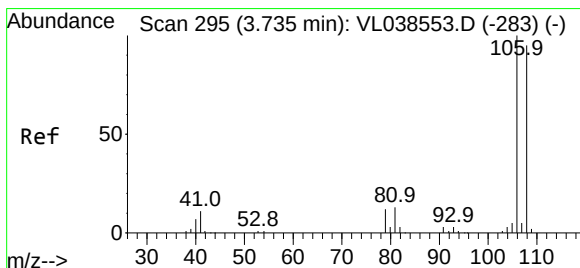
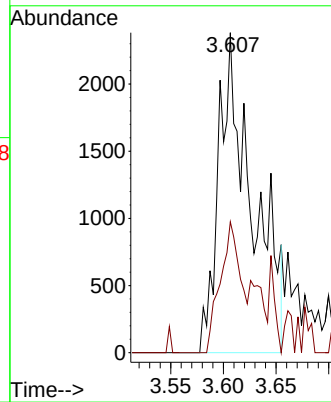
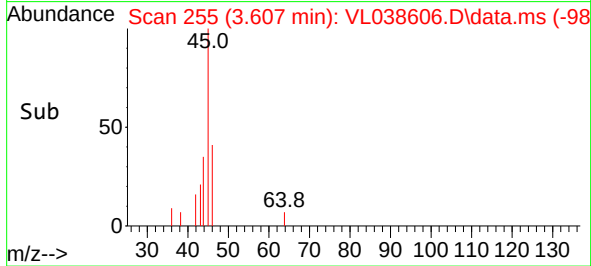
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 45 Resp: 521
Ion Ratio Lower Upper
45 100
46 0.0 16.8 67.0

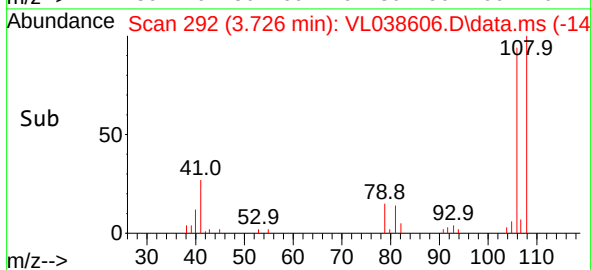
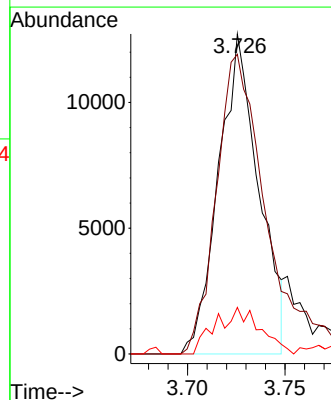
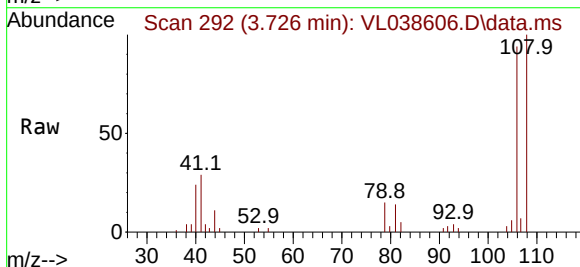
Manual Integrations
APPROVED

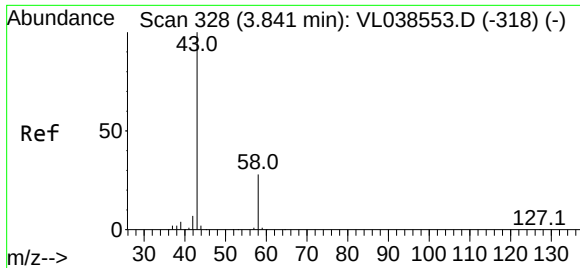
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#14
Bromoethene
Concen: 0.509 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.010 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

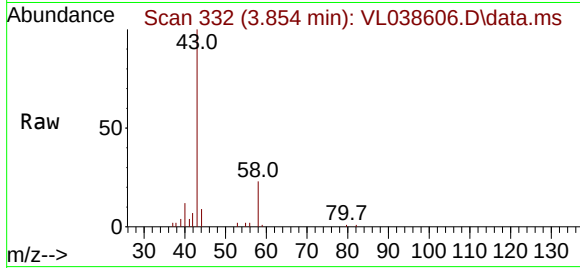
Tgt Ion:108 Resp: 18206
Ion Ratio Lower Upper
108 100
106 122.7 85.9 128.9
79 19.2 11.0 16.6





#15
Acetone
Concen: 0.647 ppbv m
RT: 3.854 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

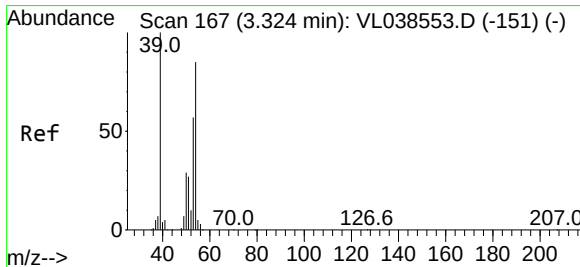
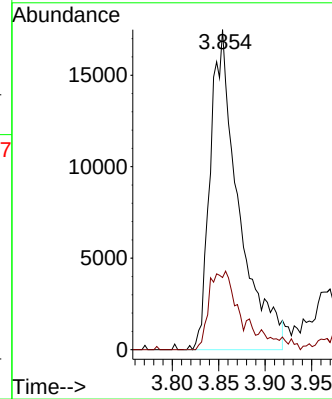
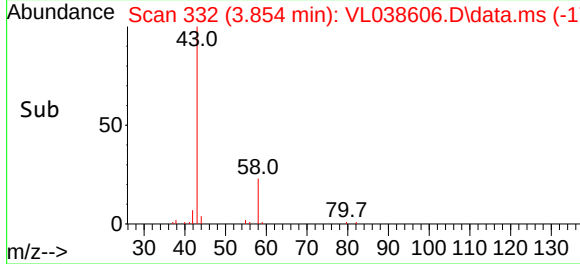
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 43 Resp: 37170
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1

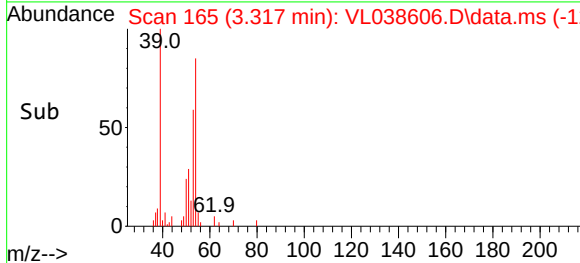
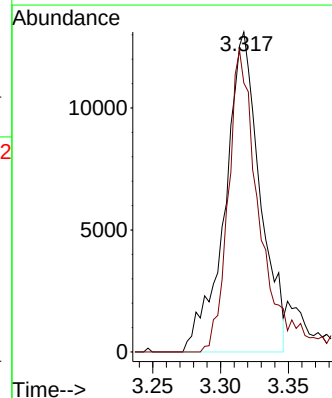
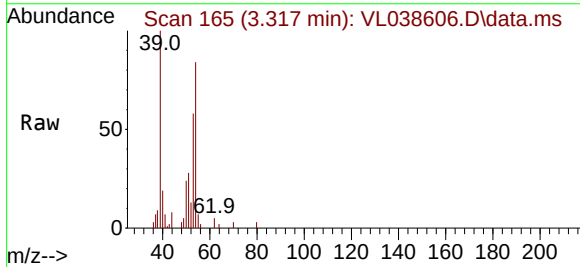
Manual Integrations
APPROVED

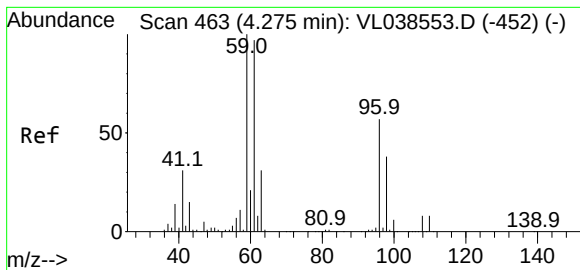
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#16
1,3-Butadiene
Concen: 0.512 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.006 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 39 Resp: 23620
Ion Ratio Lower Upper
39 100
54 85.8 64.2 96.2





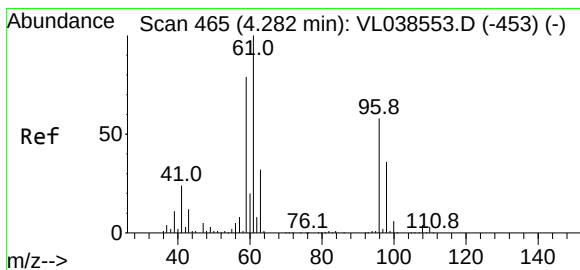
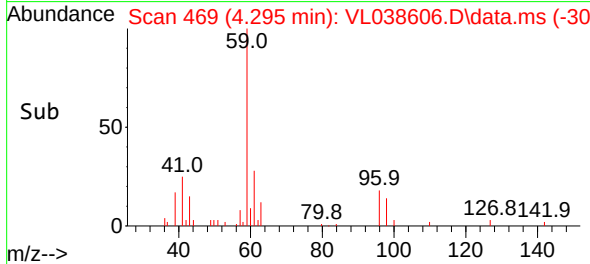
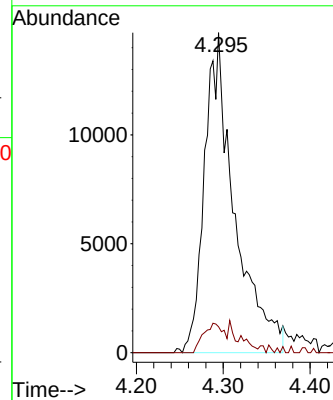
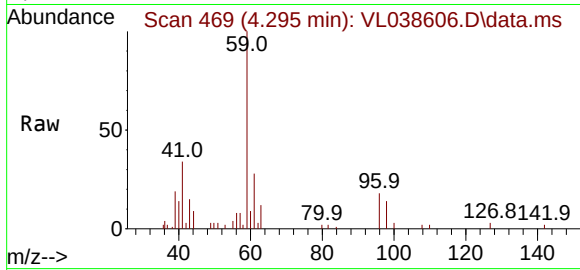
#17
tert-Butyl alcohol
Concen: 0.564 ppbv m
RT: 4.295 min Scan# 469
Delta R.T. 0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

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

Tgt Ion: 59 Resp: 35228
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1

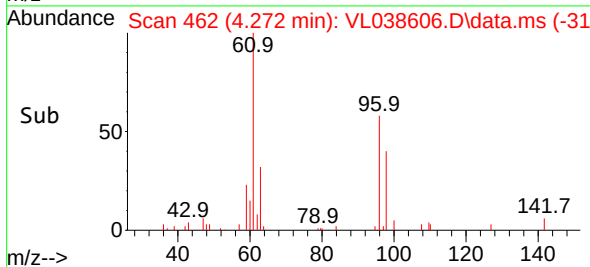
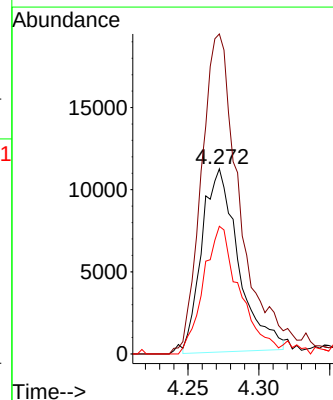
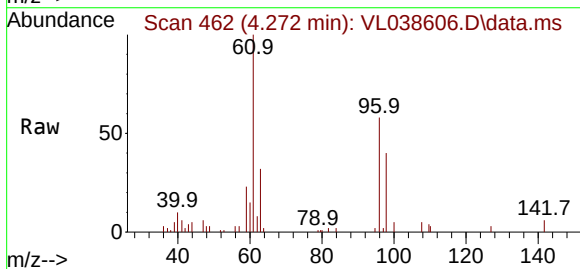
Manual Integrations
APPROVED

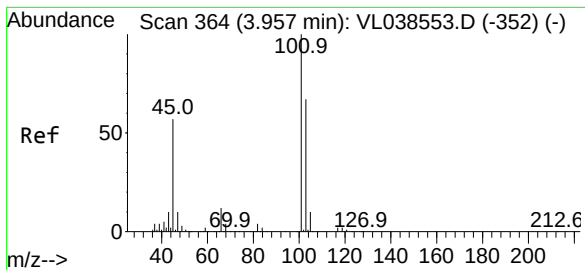
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#18
1,1-Dichloroethene
Concen: 0.536 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.010 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

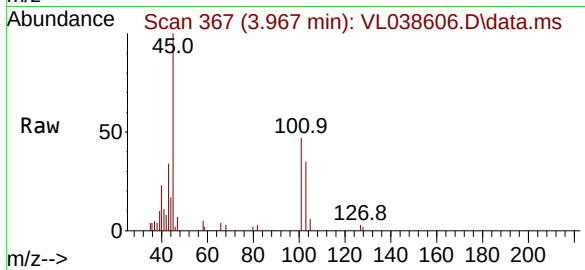
Tgt Ion: 96 Resp: 20132
Ion Ratio Lower Upper
96 100
61 171.3 137.4 206.0
98 67.6 49.3 73.9





#19
Isopropyl Alcohol
Concen: 0.537 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

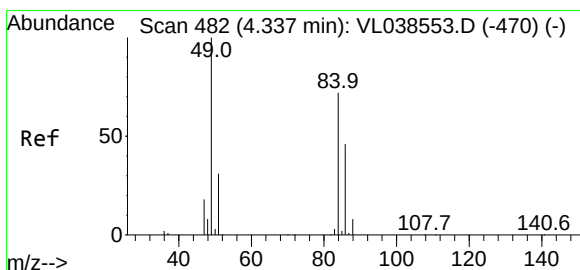
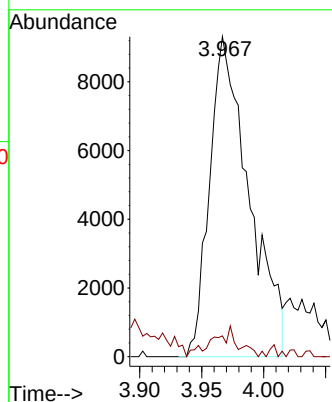
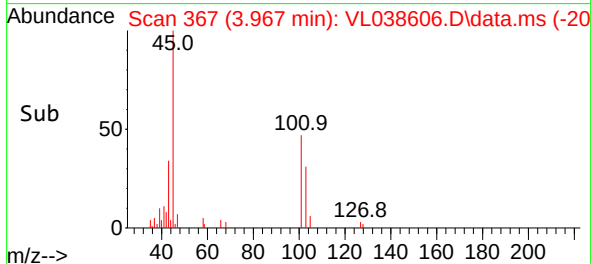
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 45 Resp: 20619
Ion Ratio Lower Upper
45 100
58 5.9 2.2 3.2

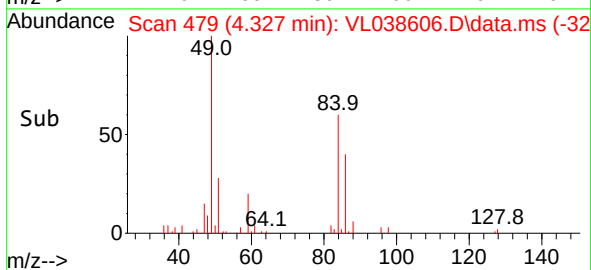
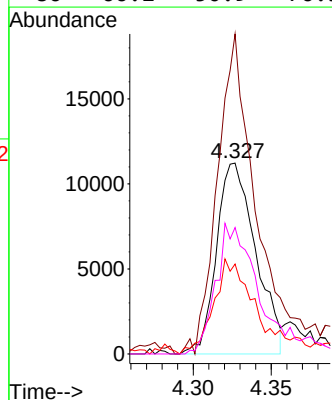
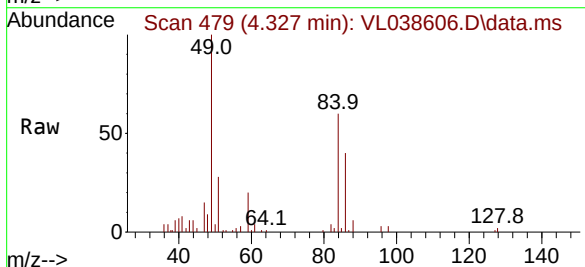
Manual Integrations
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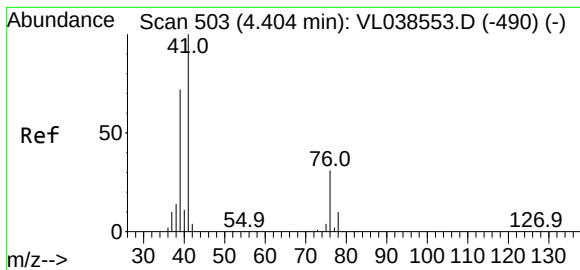
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#20
Methylene Chloride
Concen: 0.568 ppbv
RT: 4.327 min Scan# 479
Delta R.T. -0.010 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

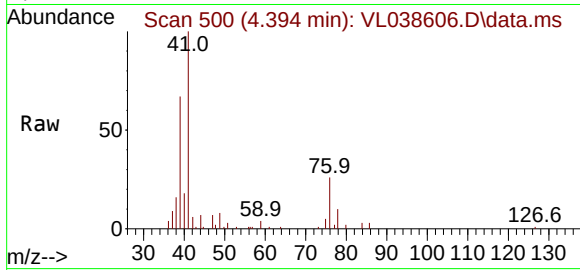
Tgt Ion: 84 Resp: 19647
Ion Ratio Lower Upper
84 100
49 167.6 111.1 166.7#
51 47.1 34.0 51.0
86 66.2 50.9 76.3





#21
 Allyl Chloride
 Concen: 0.488 ppbv
 RT: 4.394 min Scan# 503
 Delta R.T. -0.010 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

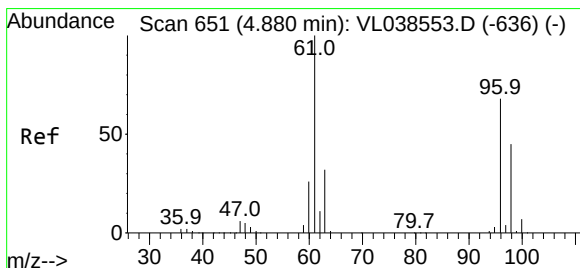
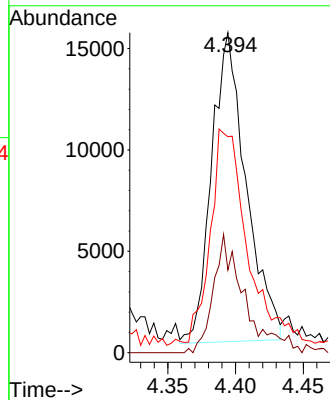
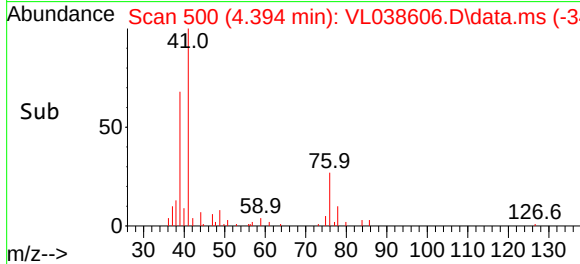
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 41 Resp: 27015
 Ion Ratio Lower Upper
 41 100
 76 35.3 24.3 36.5
 39 78.6 57.1 85.7

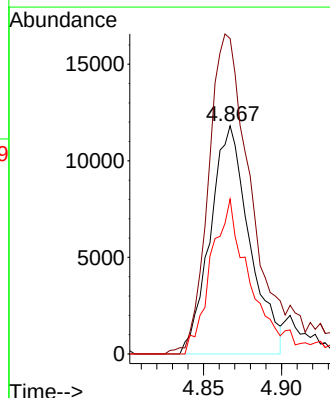
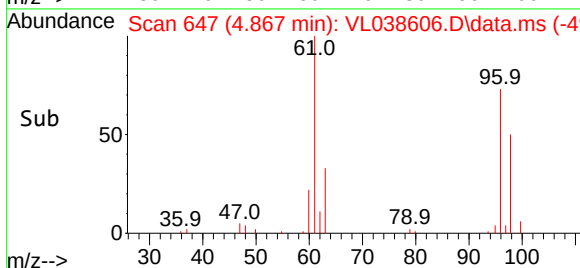
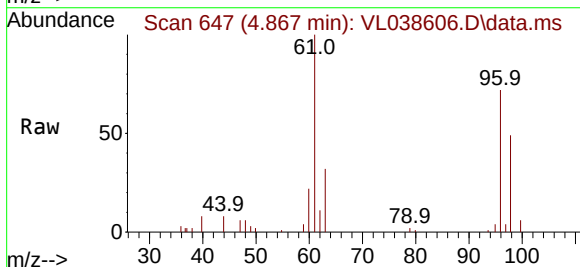
Manual Integrations
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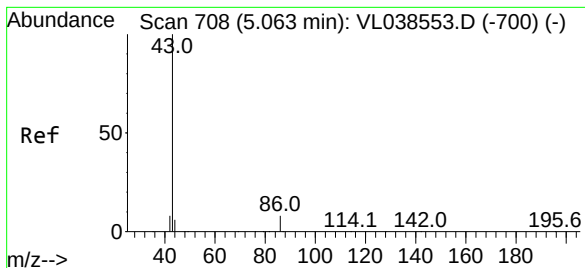
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.526 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.013 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

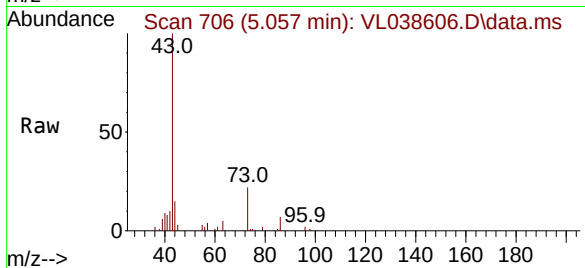
Tgt Ion: 96 Resp: 20700
 Ion Ratio Lower Upper
 96 100
 61 135.6 117.6 176.4
 98 67.9 52.6 78.8





#23
 Vinyl Acetate
 Concen: 0.514 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

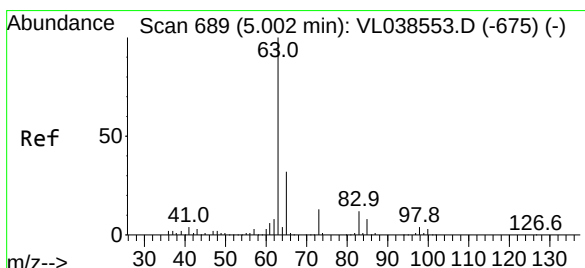
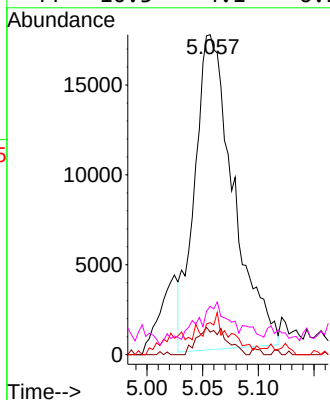
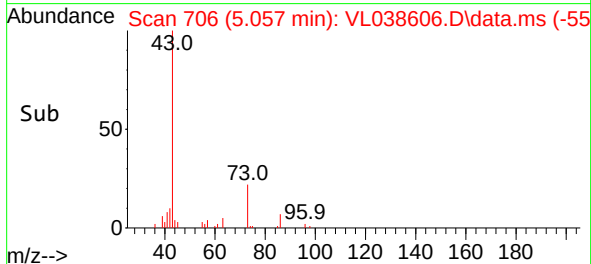
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 43 Resp: 42310
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.6 8.4
 42 8.9 7.1 10.7
 44 10.3 4.1 6.1#

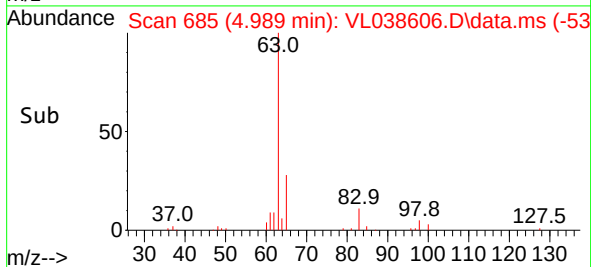
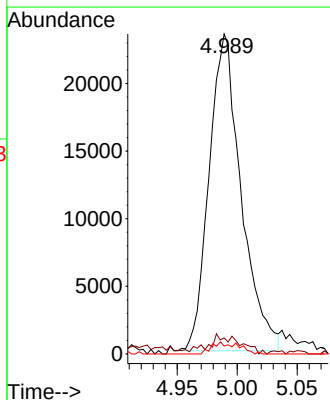
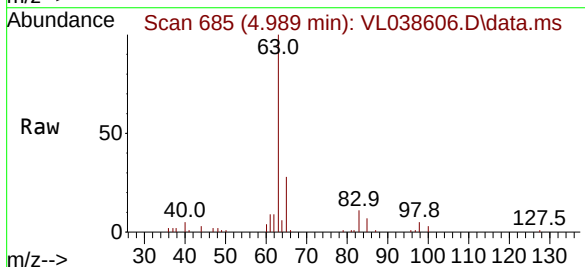
Manual Integrations
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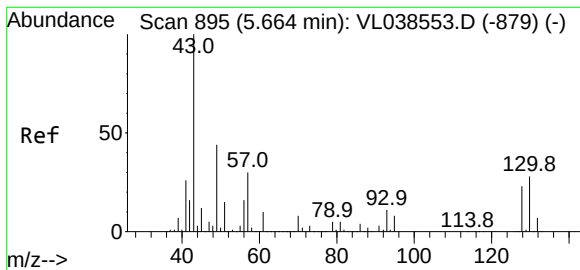
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#24
 1,1-Dichloroethane
 Concen: 0.582 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.013 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

Tgt Ion: 63 Resp: 43580
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.2 6.6
 100 2.5 1.5 4.5





#25
Ethyl Acetate
Concen: 0.494 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

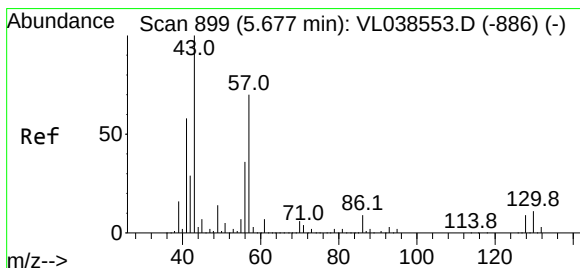
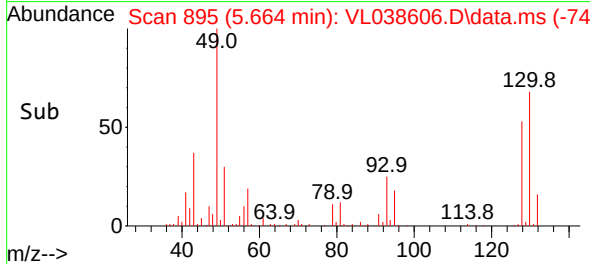
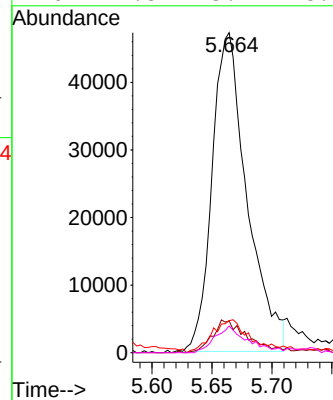
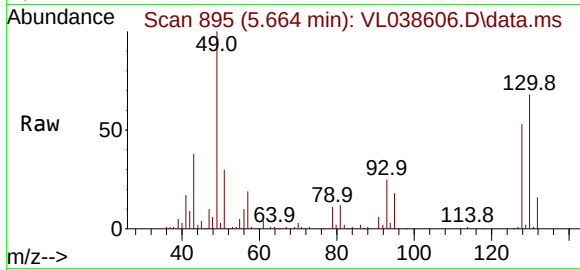
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022

Tgt Ion: 43 Resp: 9553

Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.0	12.0
61	11.9	8.2	12.4
70	7.8	5.4	8.2

Manual Integrations
APPROVED

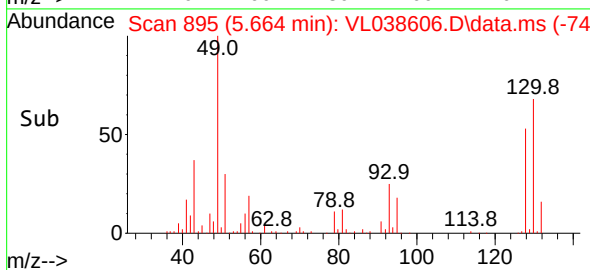
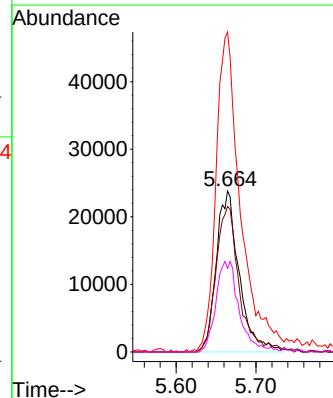
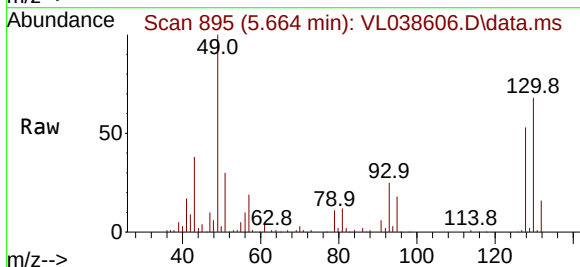
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022

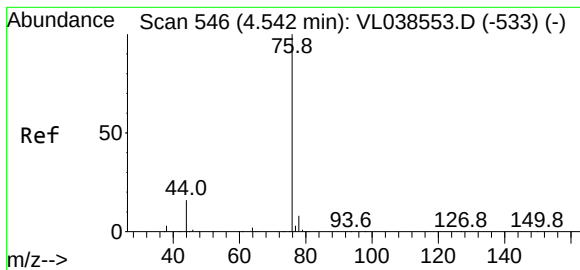


#26
Hexane
Concen: 0.522 ppbv m
RT: 5.664 min Scan# 895
Delta R.T. -0.013 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 57 Resp: 47403

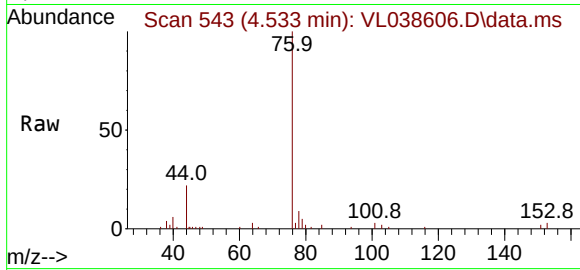
Ion	Ratio	Lower	Upper
57	100		
41	0.0	67.8	101.6#
43	0.0	173.6	260.4#
56	0.0	42.2	63.2#





#27
Carbon Disulfide
Concen: 0.510 ppbv
RT: 4.533 min Scan# 546
Delta R.T. -0.010 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

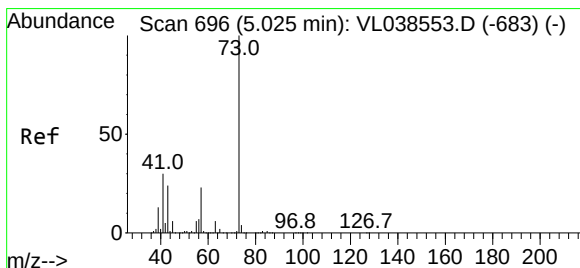
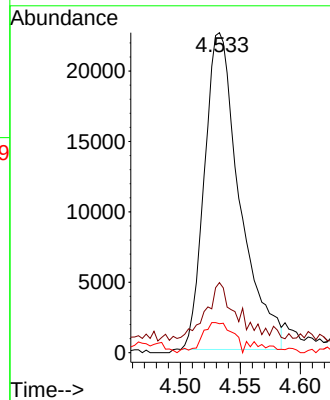
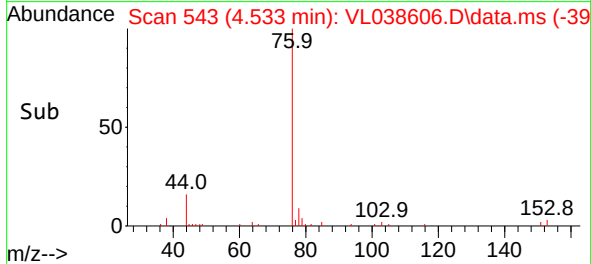
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 76 Resp: 46130
Ion Ratio Lower Upper
76 100
44 20.8 12.9 19.3
78 10.6 7.8 11.6

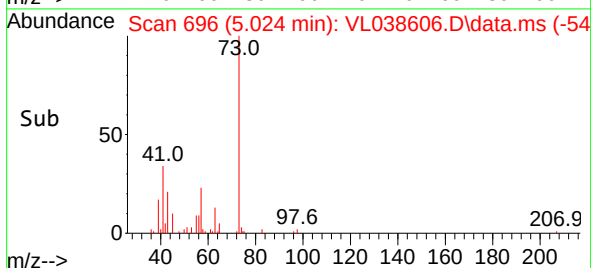
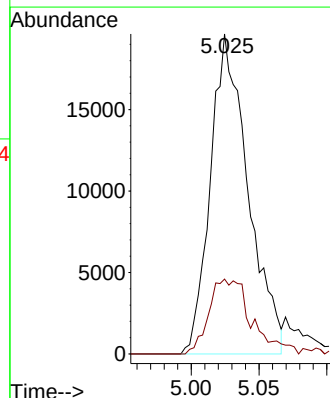
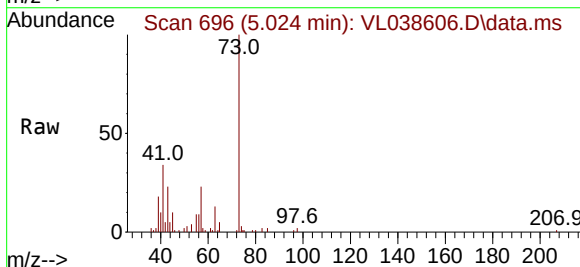
Manual Integrations
APPROVED

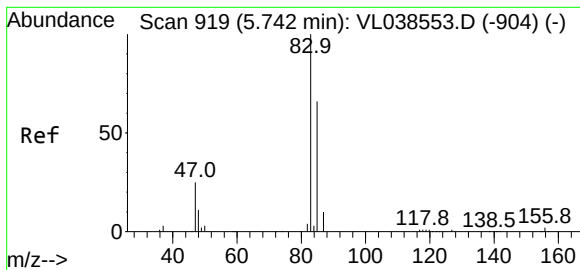
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#28
Methyl tert-Butyl Ether
Concen: 0.512 ppbv
RT: 5.024 min Scan# 696
Delta R.T. -0.000 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

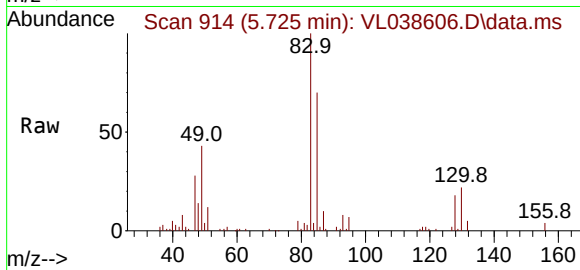
Tgt Ion: 73 Resp: 37882
Ion Ratio Lower Upper
73 100
57 27.3 18.8 28.2





#29
Chloroform
Concen: 0.565 ppbv
RT: 5.725 min Scan# 919
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

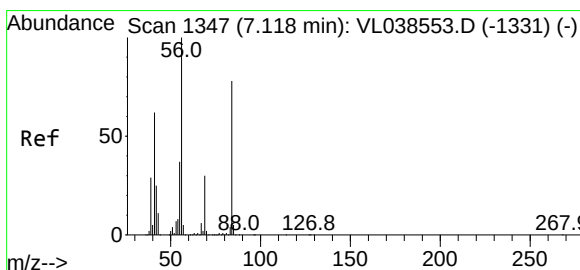
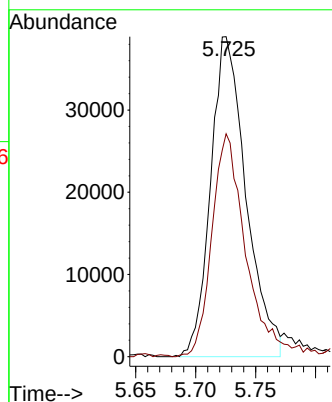
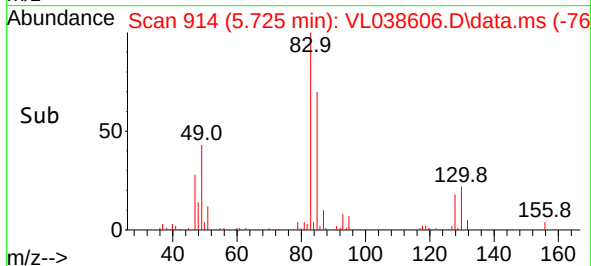
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



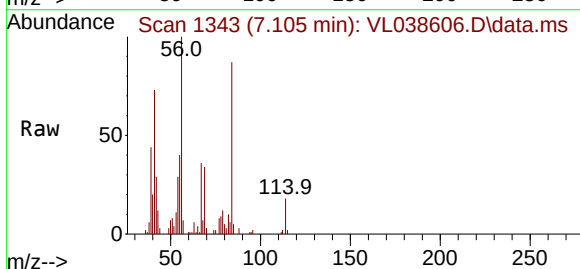
Tgt Ion: 83 Resp: 7983
Ion Ratio Lower Upper
83 100
85 69.1 52.8 79.2

Manual Integrations
APPROVED

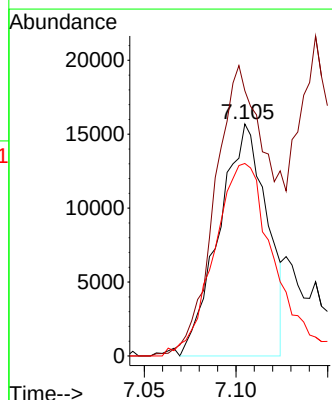
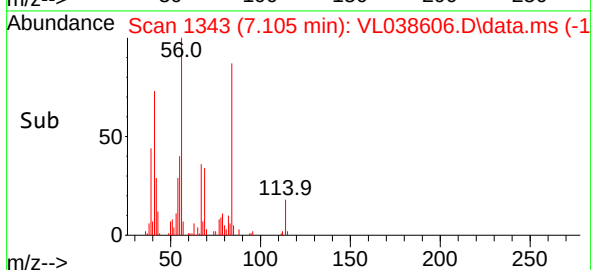
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022

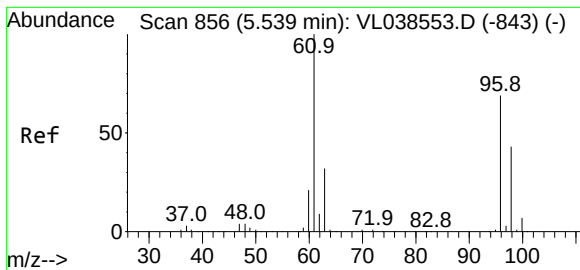


#30
Cyclohexane
Concen: 0.363 ppbv
RT: 7.105 min Scan# 1343
Delta R.T. -0.013 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54



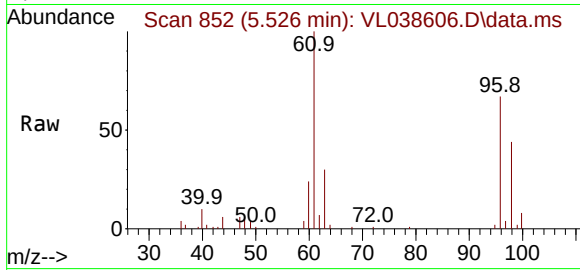
Tgt Ion: 84 Resp: 28517
Ion Ratio Lower Upper
84 100
56 130.1 111.4 167.0
41 106.6 65.5 98.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.488 ppbv
 RT: 5.526 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

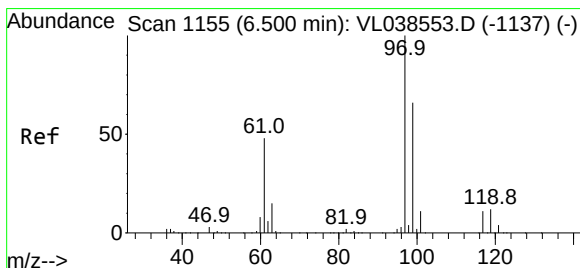
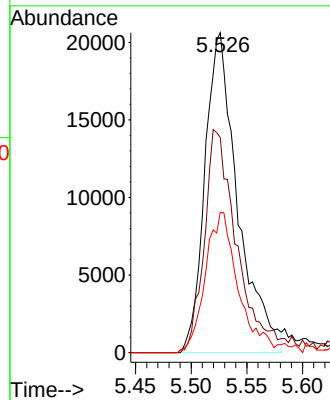
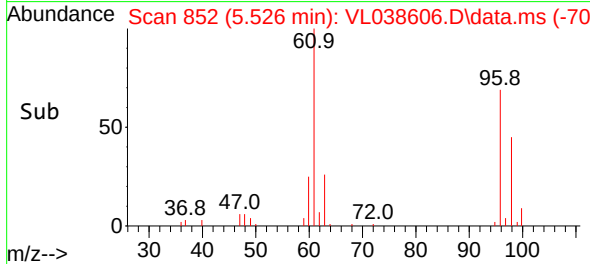
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion: 61 Resp: 42430
 Ion Ratio Lower Upper
 61 100
 96 66.3 55.2 82.8
 98 43.0 34.2 51.4

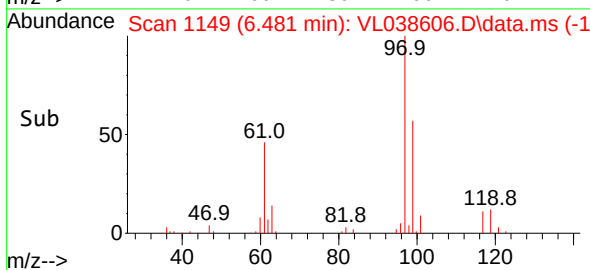
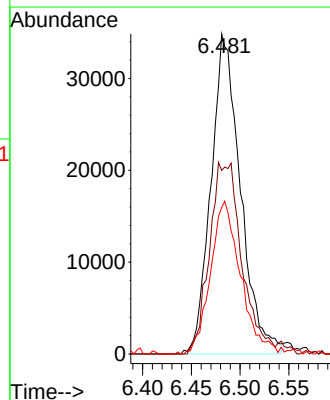
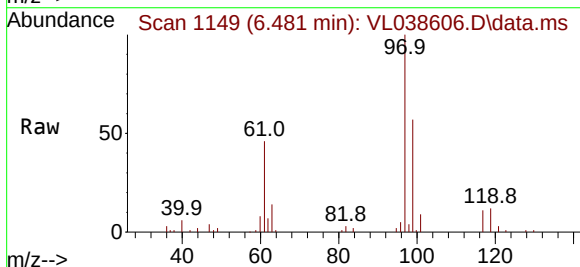
Manual Integrations
 APPROVED

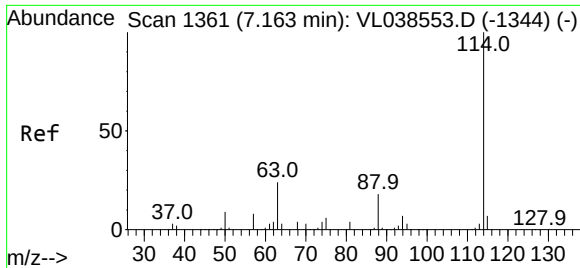
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.534 ppbv
 RT: 6.481 min Scan# 1149
 Delta R.T. -0.019 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

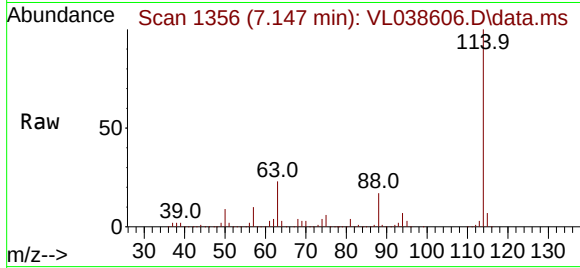
Tgt Ion: 97 Resp: 73250
 Ion Ratio Lower Upper
 97 100
 99 67.0 52.1 78.1
 61 49.8 37.7 56.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

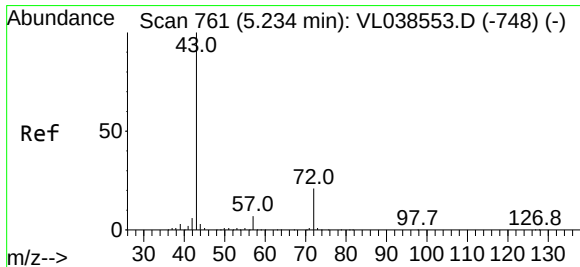
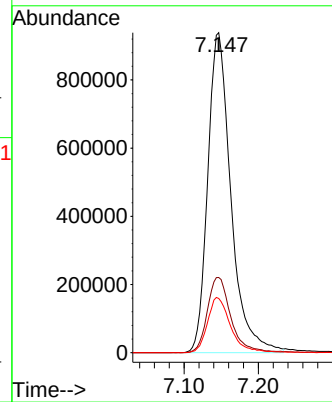
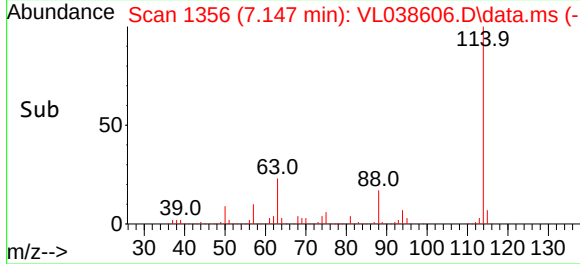
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion:114 Resp: 203672
Ion Ratio Lower Upper
114 100
63 24.2 19.6 29.4
88 17.4 13.9 20.9

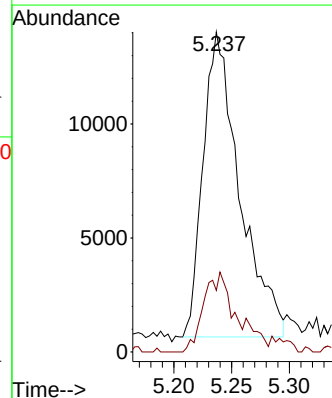
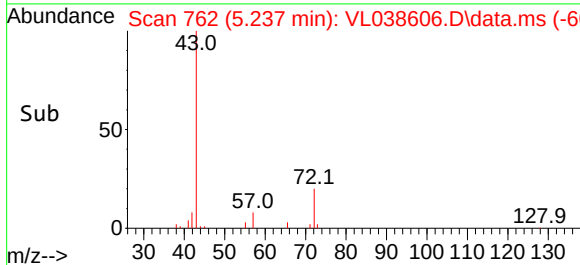
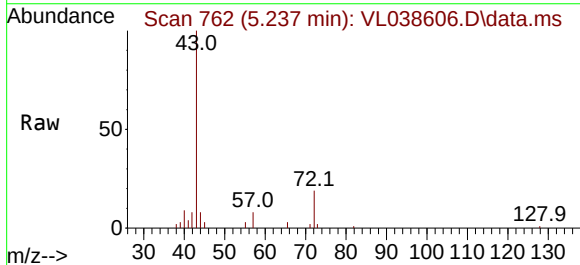
Manual Integrations
APPROVED

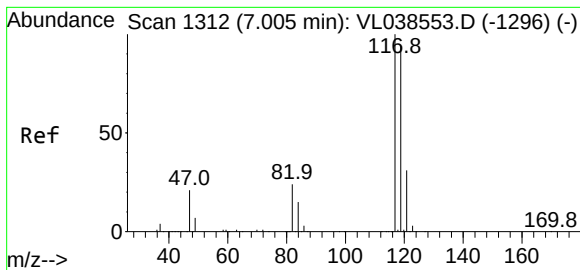
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#34
2-Butanone
Concen: 0.559 ppbv
RT: 5.237 min Scan# 762
Delta R.T. 0.003 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

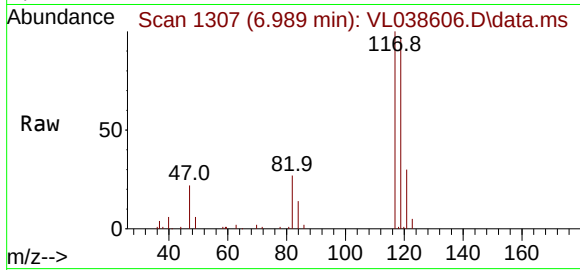
Tgt Ion: 43 Resp: 29491
Ion Ratio Lower Upper
43 100
72 26.1 17.8 26.6





#35
Carbon Tetrachloride
Concen: 0.556 ppbv
RT: 6.989 min Scan# 117
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

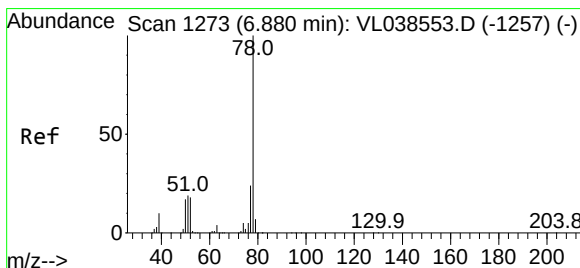
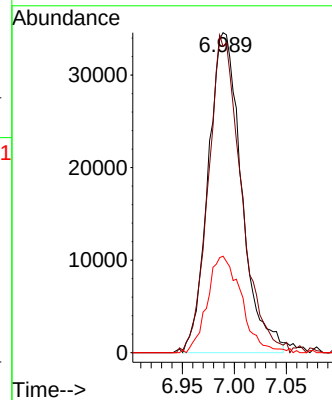
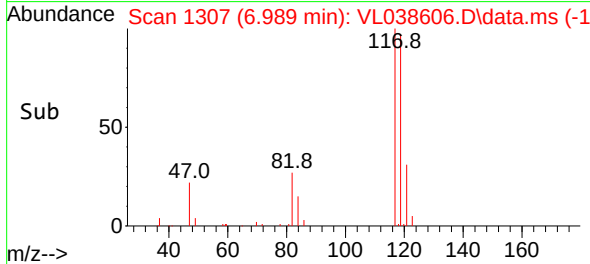
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 117 Resp: 7719
Ion Ratio Lower Upper
117 100
119 94.9 75.2 112.8
121 29.4 24.8 37.2

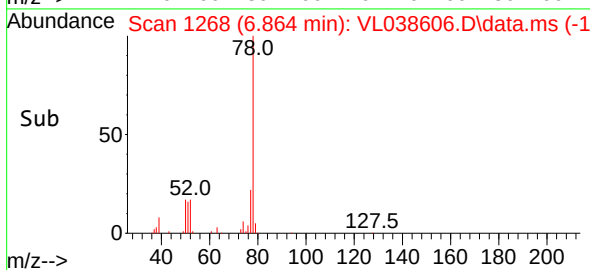
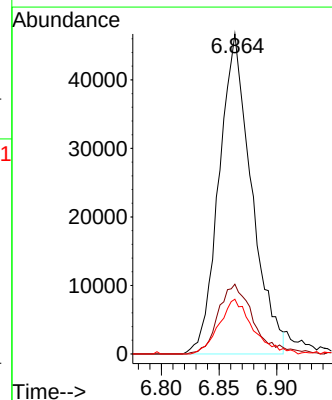
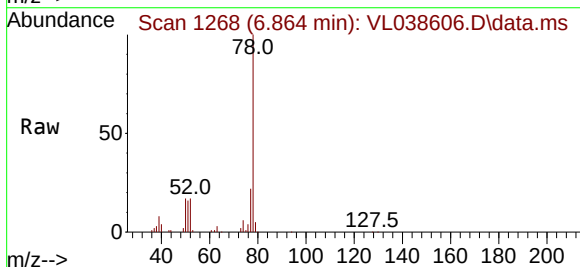
Manual Integrations
APPROVED

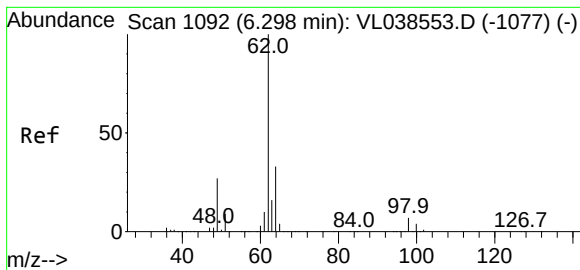
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#36
Benzene
Concen: 0.496 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

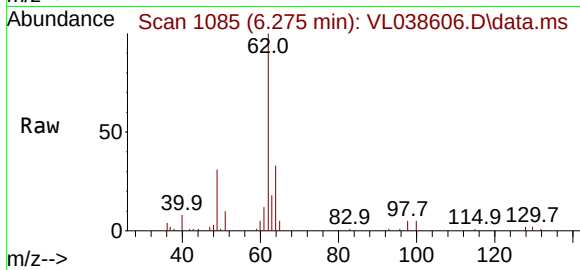
Tgt Ion: 78 Resp: 91151
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.4
50 17.1 13.9 20.9





#37
1,2-Dichloroethane
Concen: 0.552 ppbv
RT: 6.275 min Scan# 1085
Delta R.T. -0.023 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

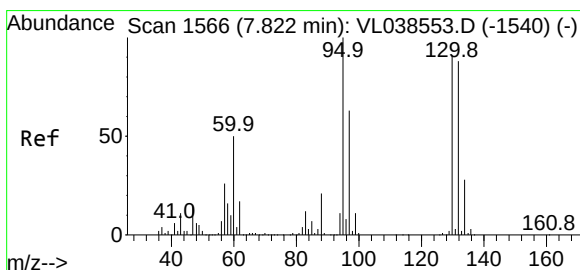
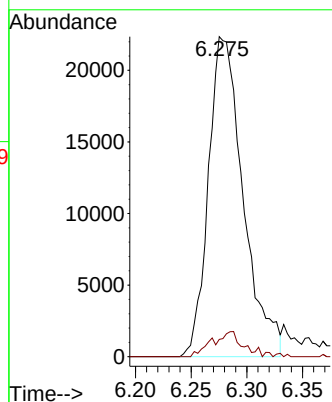
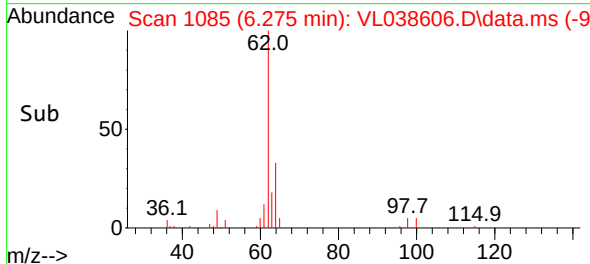
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 62 Resp: 48510
Ion Ratio Lower Upper
62 100
98 7.0 5.7 8.5

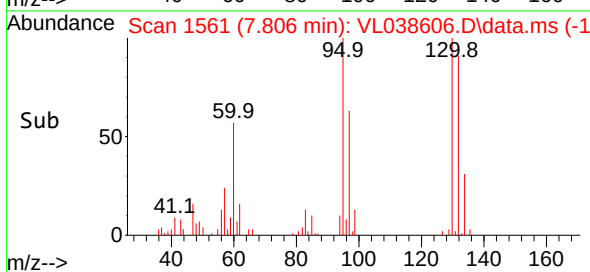
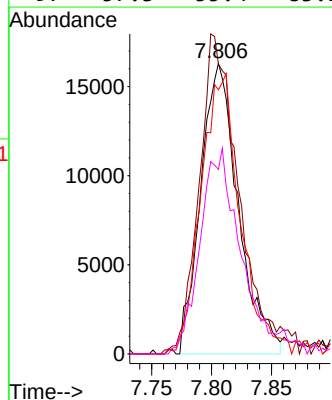
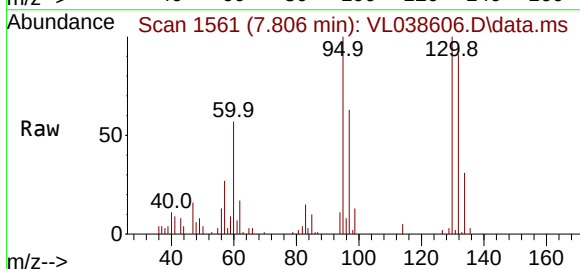
Manual Integrations
APPROVED

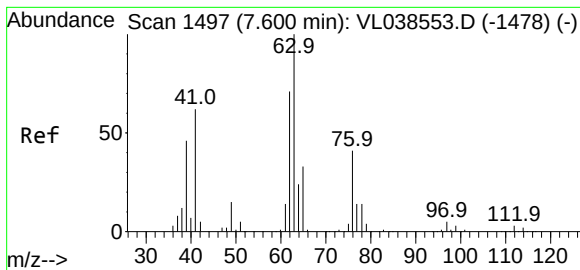
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#38
Trichloroethene
Concen: 0.485 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

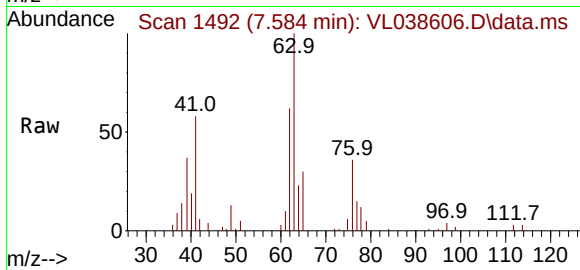
Tgt Ion:130 Resp: 35596
Ion Ratio Lower Upper
130 100
95 92.2 87.8 131.8
132 85.5 77.5 116.3
97 57.3 55.4 83.2





#39
1,2-Dichloropropane
Concen: 0.540 ppbv
RT: 7.584 min Scan# 1497
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

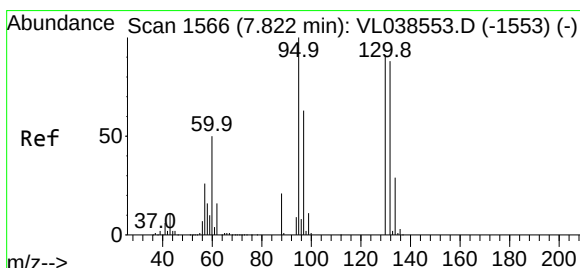
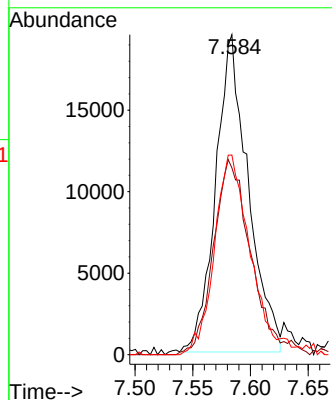
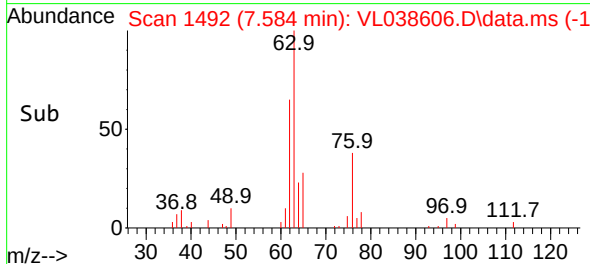
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 63 Resp: 3817
Ion Ratio Lower Upper
63 100
41 58.1 49.8 74.6
62 62.1 56.7 85.1

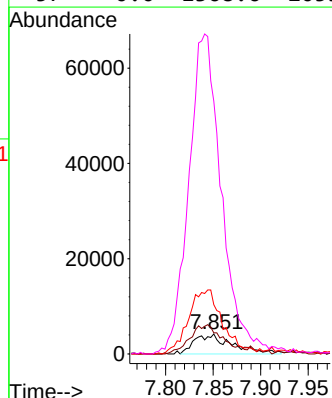
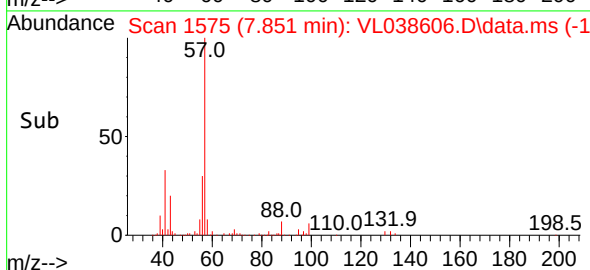
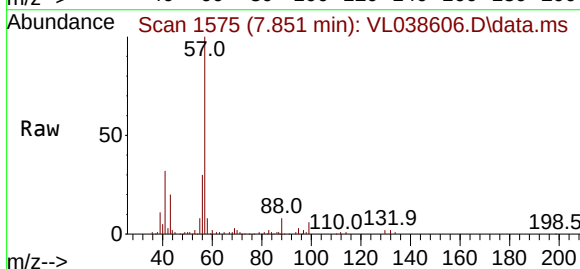
Manual Integrations
APPROVED

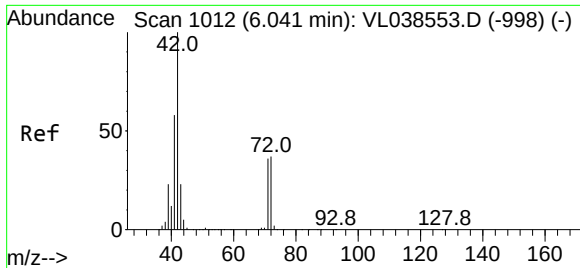
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#40
1,4-Dioxane
Concen: 0.655 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.029 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 88 Resp: 11588
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#





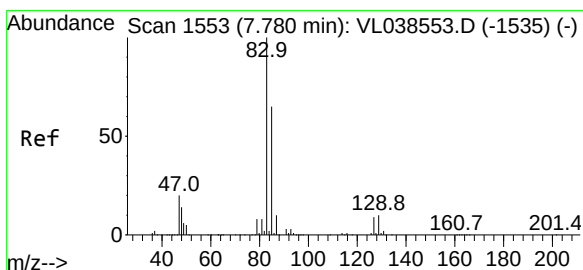
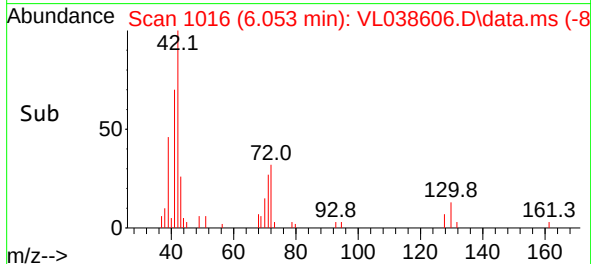
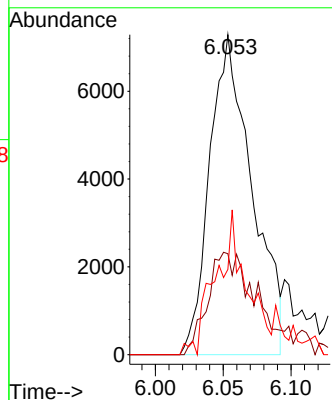
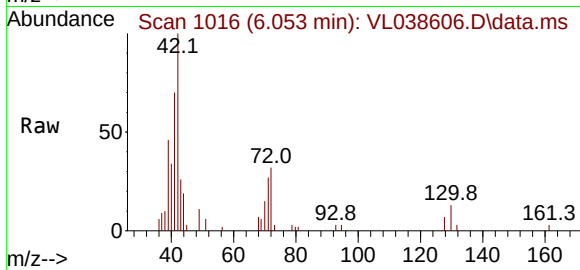
#41
Tetrahydrofuran
Concen: 0.367 ppbv
RT: 6.053 min Scan# 1012
Delta R.T. 0.013 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

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

Tgt Ion: 42 Resp: 1584
Ion Ratio Lower Upper
42 100
72 40.2 30.9 46.3
71 39.8 29.1 43.7

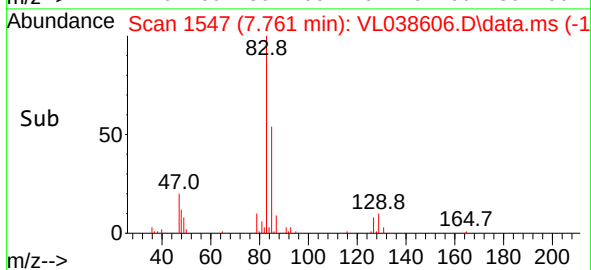
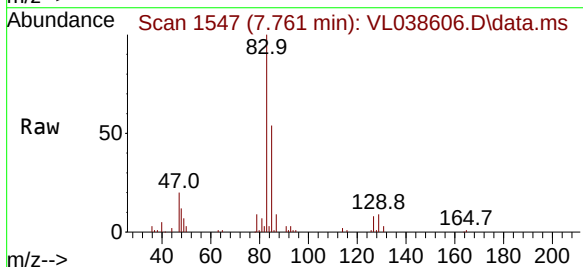
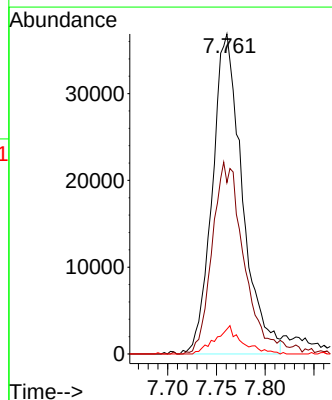
Manual Integrations
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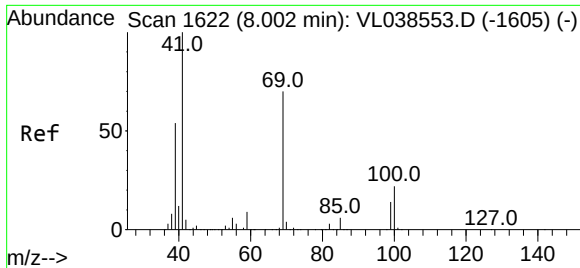
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#42
Bromodichloromethane
Concen: 0.567 ppbv
RT: 7.761 min Scan# 1547
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 83 Resp: 78970
Ion Ratio Lower Upper
83 100
85 53.6 51.7 77.5
127 7.8 6.9 10.3





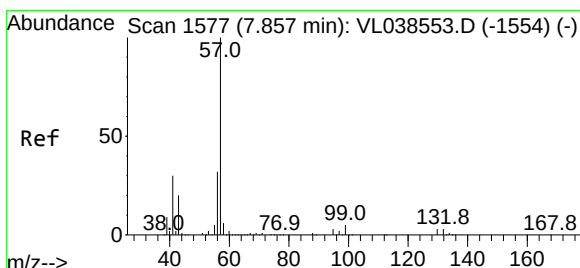
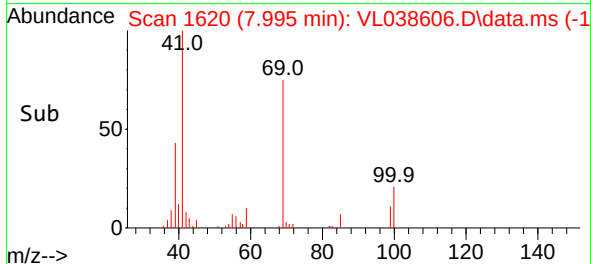
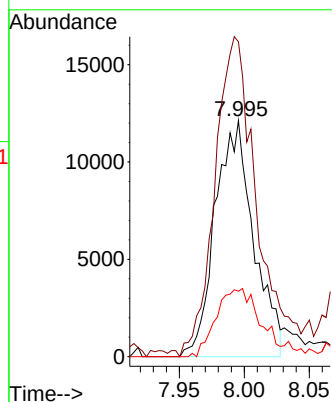
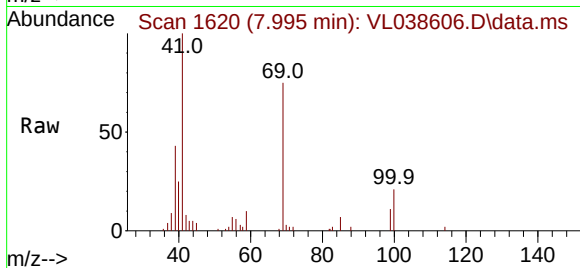
#43
Methyl Methacrylate
Concen: 0.396 ppbv
RT: 7.995 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

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

Tgt Ion: 69 Resp: 2497
Ion Ratio Lower Upper
69 100
41 150.7 113.8 170.6
100 34.8 24.4 36.6

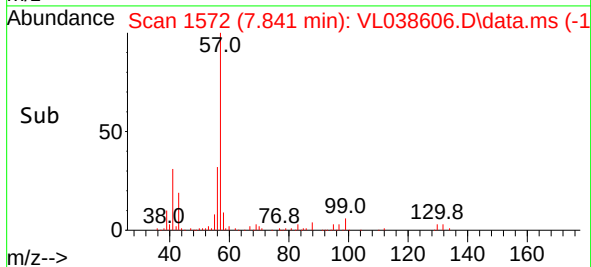
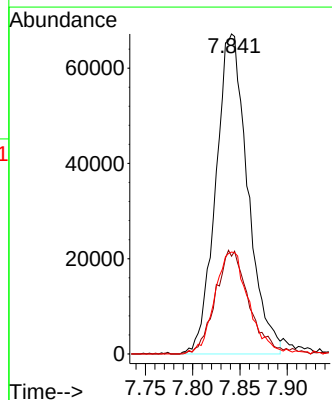
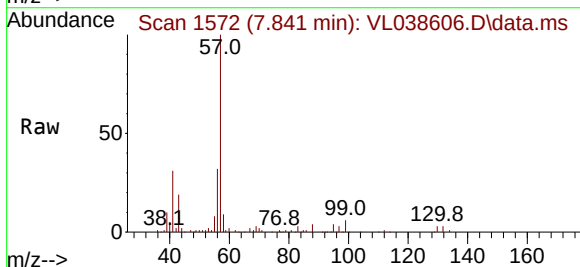
Manual Integrations
APPROVED

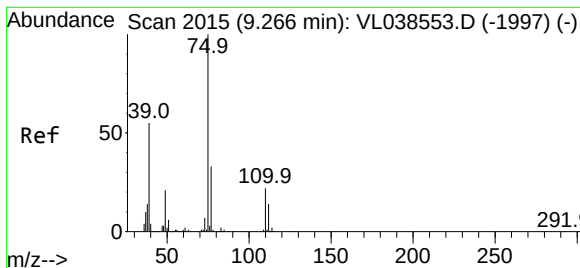
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#44
2,2,4-Trimethylpentane
Concen: 0.509 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

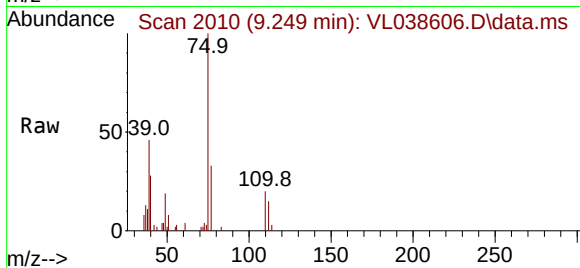
Tgt Ion: 57 Resp: 158143
Ion Ratio Lower Upper
57 100
41 34.8 24.0 36.0
56 34.3 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 0.390 ppbv m
RT: 9.249 min Scan# 2015
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

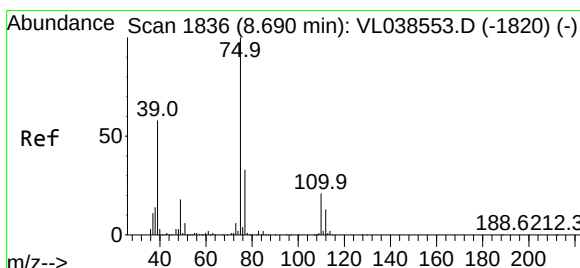
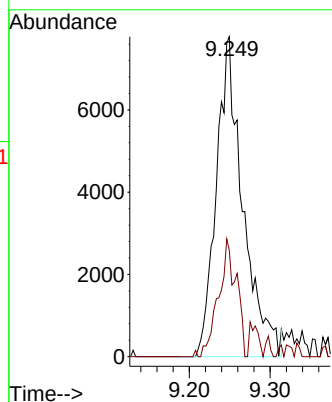
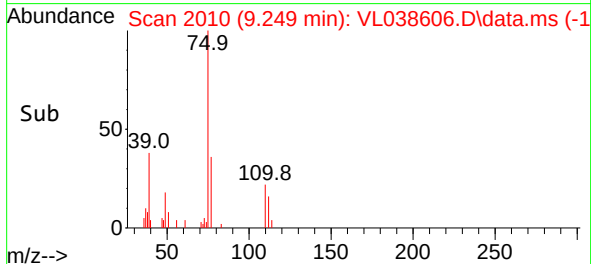
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 75 Resp: 1775
Ion Ratio Lower Upper
75 100
77 33.2 26.6 40.0

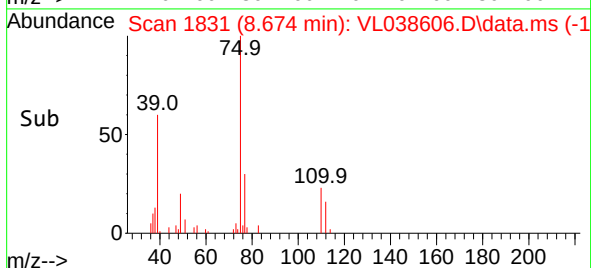
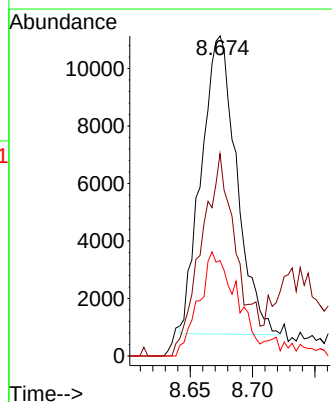
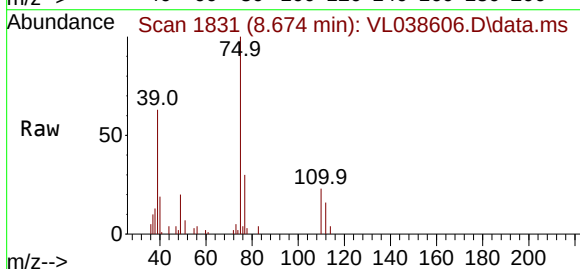
Manual Integrations
APPROVED

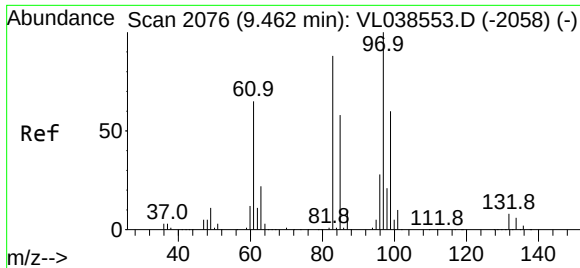
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#46
cis-1,3-Dichloropropene
Concen: 0.328 ppbv
RT: 8.674 min Scan# 1831
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

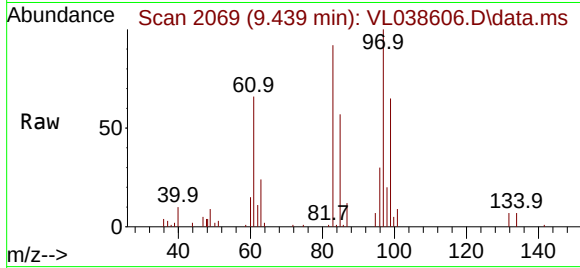
Tgt Ion: 75 Resp: 20394
Ion Ratio Lower Upper
75 100
39 62.1 46.2 69.2
77 30.3 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 0.550 ppbv
RT: 9.439 min Scan# 2076
Delta R.T. -0.023 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

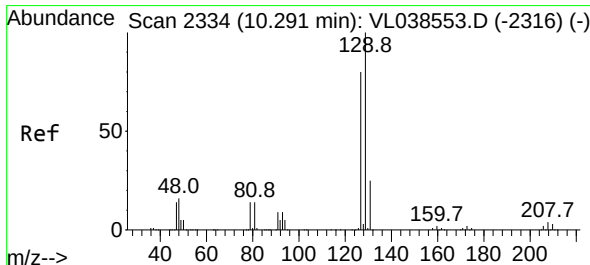
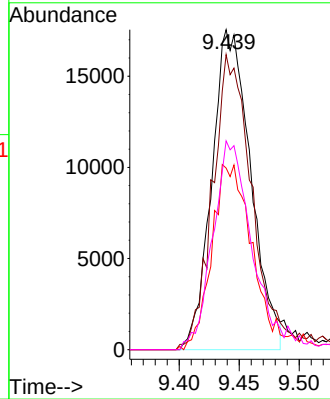
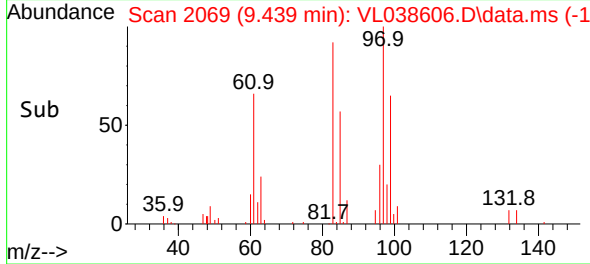
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 97 Resp: 39650
Ion Ratio Lower Upper
97 100
83 90.5 70.1 105.1
85 55.7 46.6 69.8
99 65.3 48.1 72.1

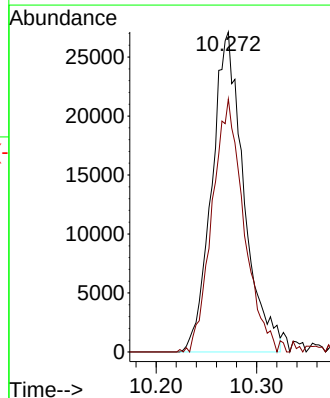
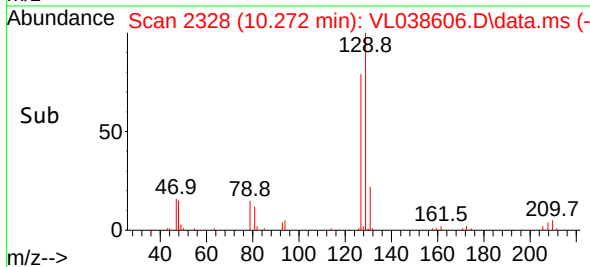
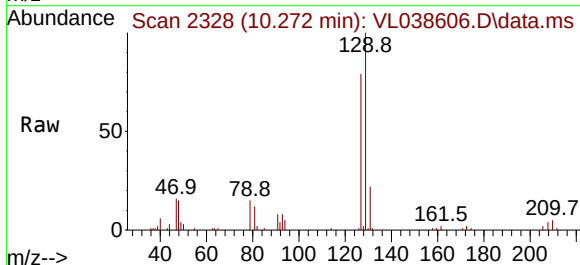
Manual Integrations
APPROVED

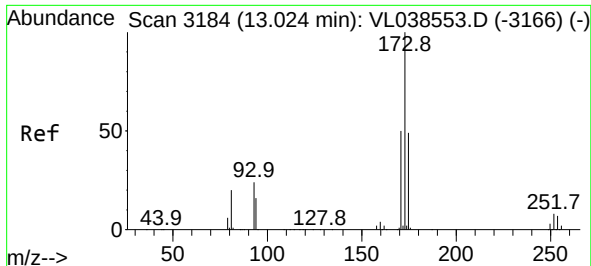
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#48
Dibromochloromethane
Concen: 0.525 ppbv
RT: 10.272 min Scan# 2328
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

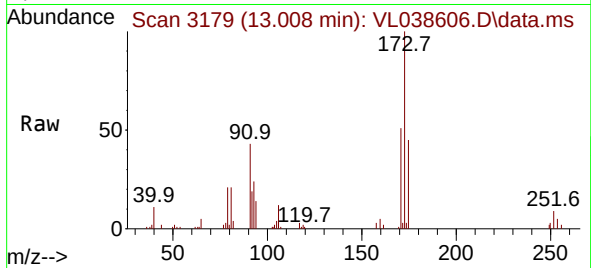
Tgt Ion:129 Resp: 60043
Ion Ratio Lower Upper
129 100
127 78.2 39.5 118.3





#49
Bromoform
Concen: 0.545 ppbv m
RT: 13.008 min Scan# 3184
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

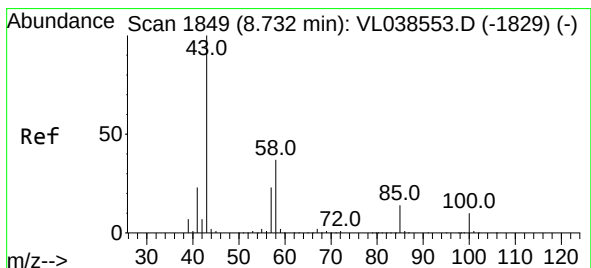
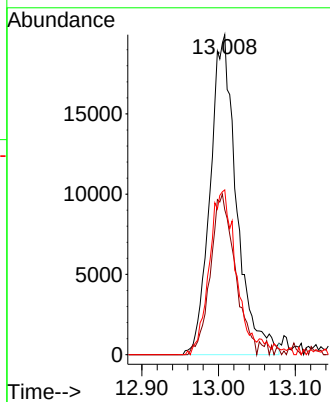
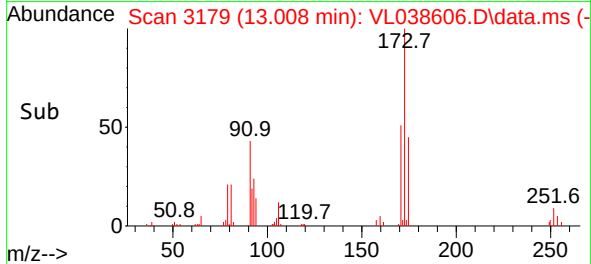
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion:173 Resp: 4772
Ion Ratio Lower Upper
173 100
175 0.0 40.7 61.1
171 0.0 42.9 64.3

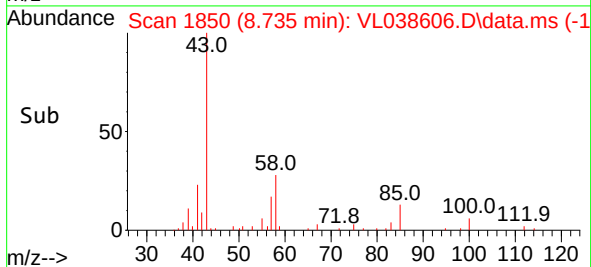
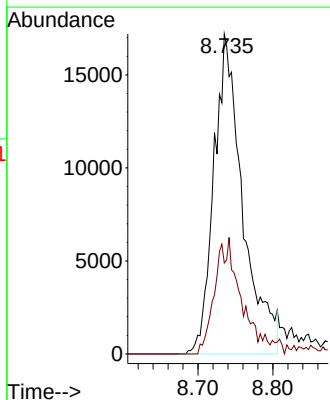
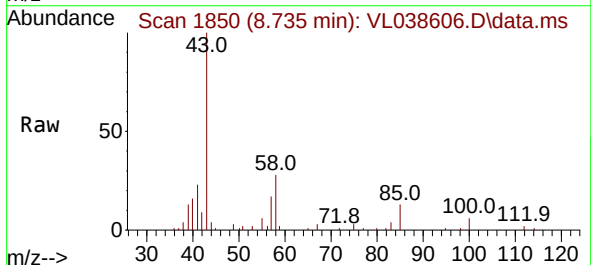
Manual Integrations
APPROVED

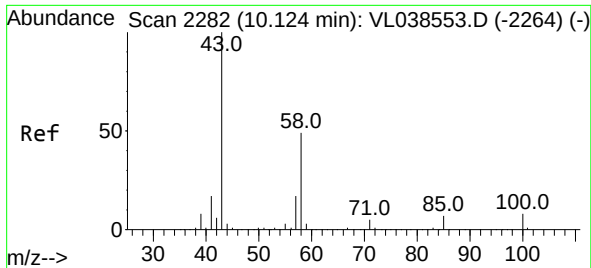
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#50
4-Methyl-2-Pentanone
Concen: 0.424 ppbv m
RT: 8.735 min Scan# 1850
Delta R.T. 0.003 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

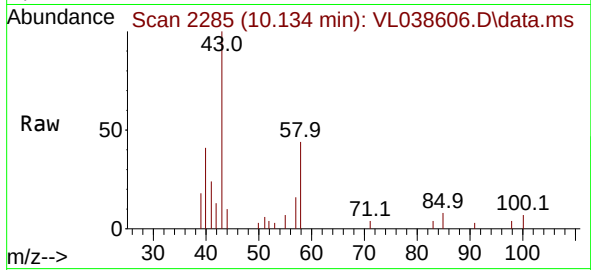
Tgt Ion: 43 Resp: 45926
Ion Ratio Lower Upper
43 100
58 35.0 29.2 43.8





#51
2-Hexanone
Concen: 0.367 ppbv m
RT: 10.134 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

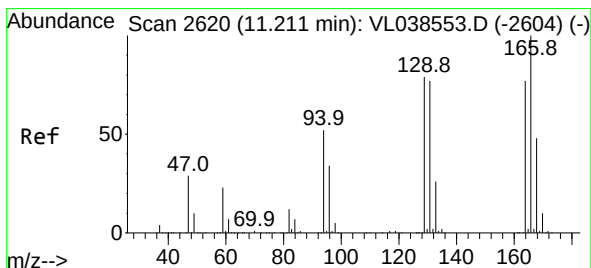
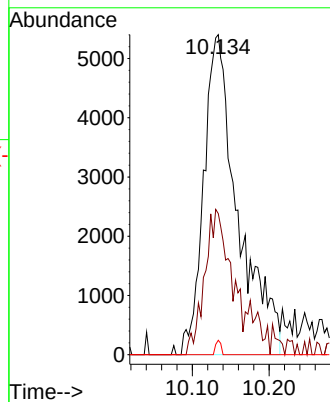
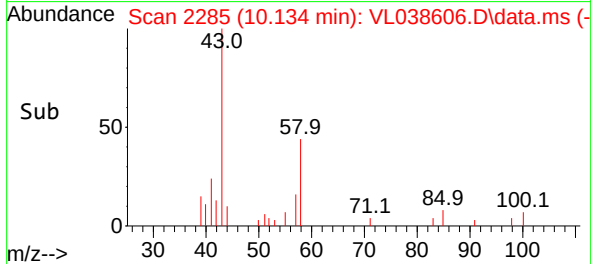
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 43 Resp: 16779
Ion Ratio Lower Upper
43 100
58 0.0 40.1 60.1
98 0.0 0.4 0.6

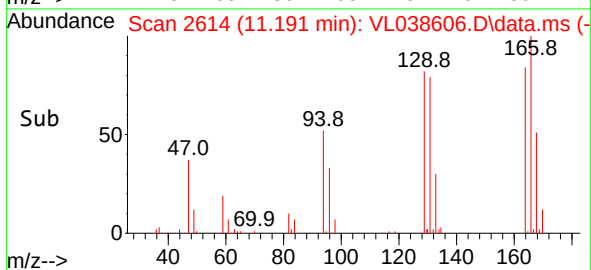
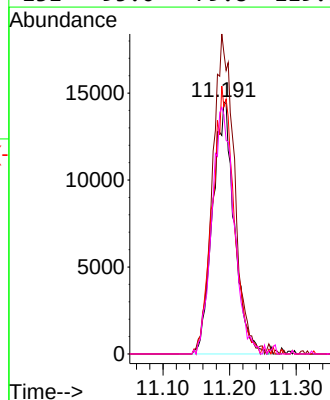
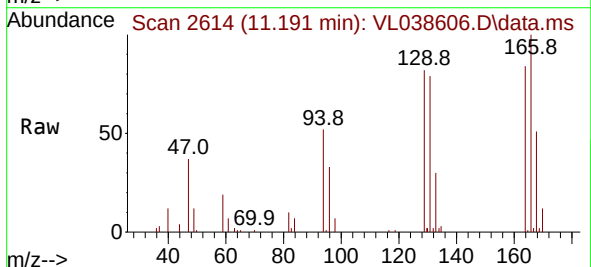
Manual Integrations
APPROVED

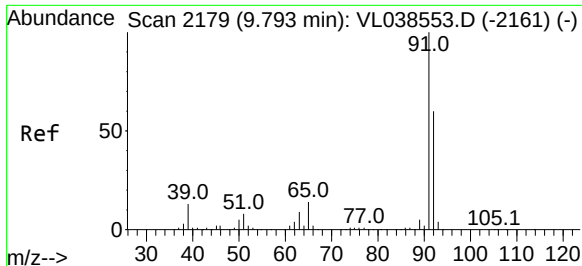
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#52
Tetrachloroethene
Concen: 0.487 ppbv m
RT: 11.191 min Scan# 2614
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

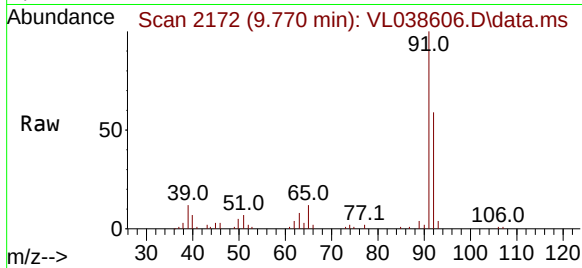
Tgt Ion:164 Resp: 32817
Ion Ratio Lower Upper
164 100
166 119.5 103.4 155.2
129 98.1 81.3 121.9
131 95.0 79.8 119.8





#53
Toluene
Concen: 0.416 ppbv
RT: 9.770 min Scan# 2179
Delta R.T. -0.023 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

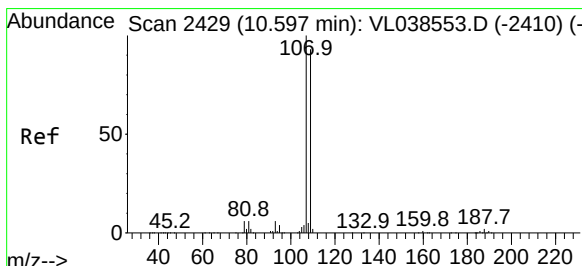
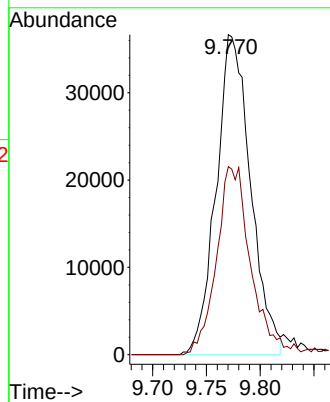
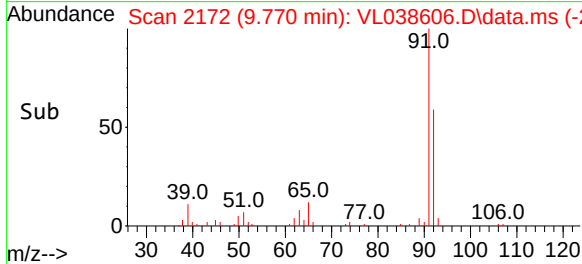
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 91 Resp: 8156
Ion Ratio Lower Upper
91 100
92 59.9 48.1 72.1

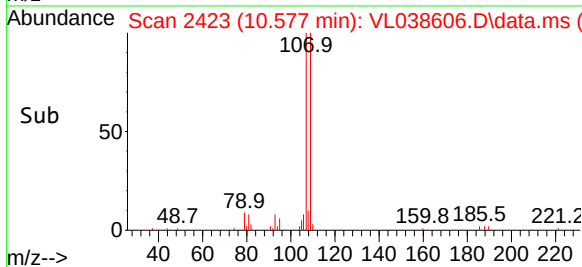
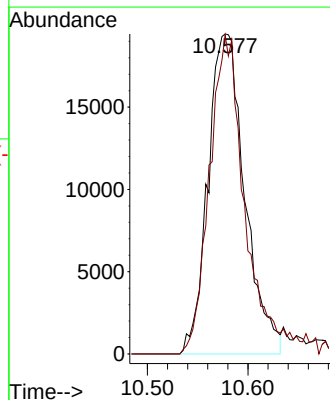
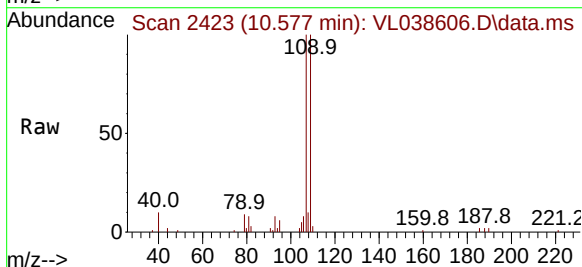
Manual Integrations
APPROVED

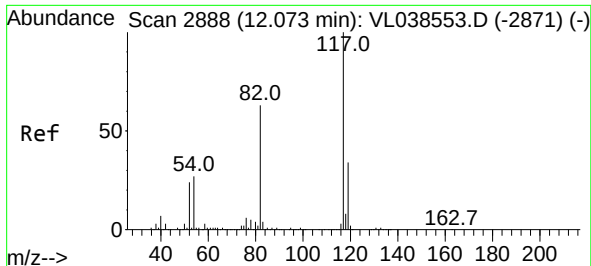
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#54
1,2-Dibromoethane
Concen: 0.479 ppbv
RT: 10.577 min Scan# 2423
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:107 Resp: 49339
Ion Ratio Lower Upper
107 100
109 99.6 74.6 112.0





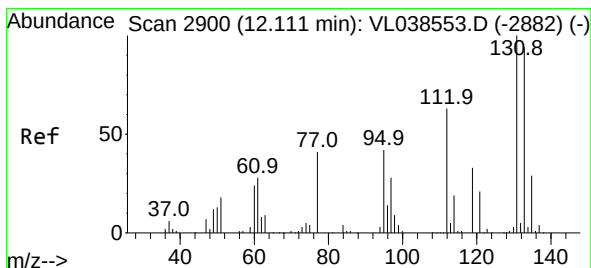
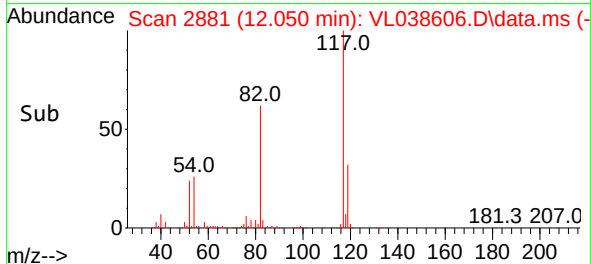
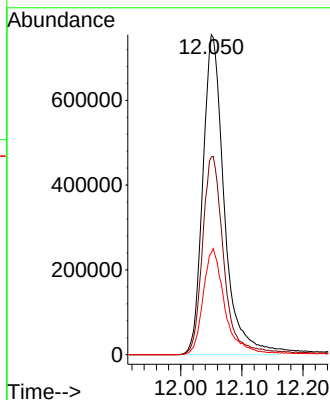
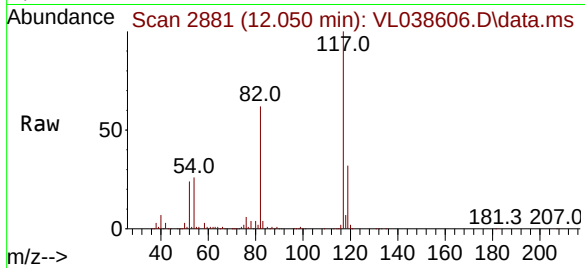
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.050 min Scan# 2881
Delta R.T. -0.023 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

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

Tgt Ion:117 Resp: 183569
Ion Ratio Lower Upper
117 100
82 63.5 52.5 78.7
119 34.2 46.4 69.6

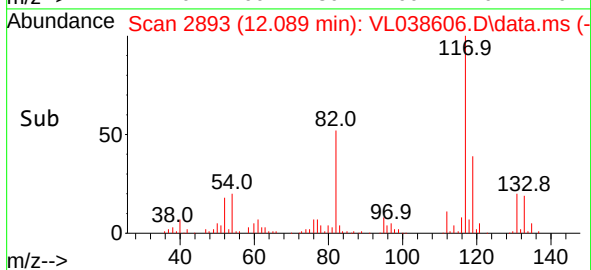
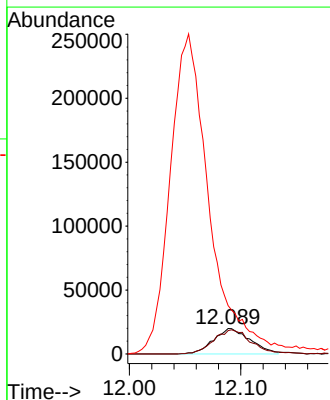
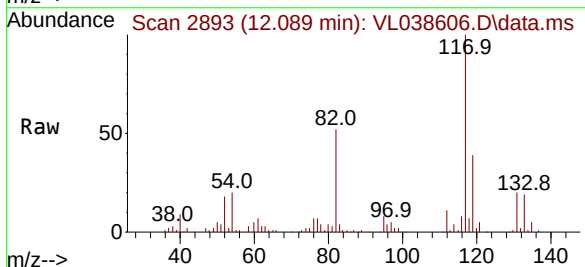
Manual Integrations
APPROVED

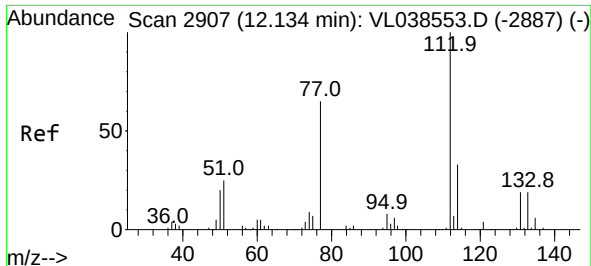
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.608 ppbv
RT: 12.089 min Scan# 2893
Delta R.T. -0.023 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:131 Resp: 45491
Ion Ratio Lower Upper
131 100
133 98.3 78.0 117.0
119 1406.7 53.1 79.7#





#57

Chlorobenzene

Concen: 0.609 ppbv

RT: 12.108 min Scan# 2899

Delta R.T. -0.026 min

Lab File: VL038606.D

Acq: 14 Mar 2022 22:54

Instrument :

MSVOA_L

ClientSampleId :

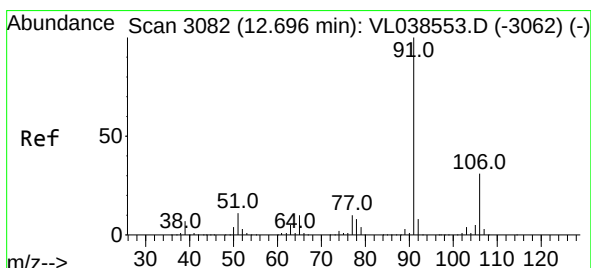
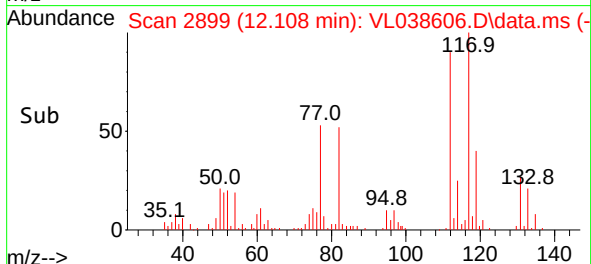
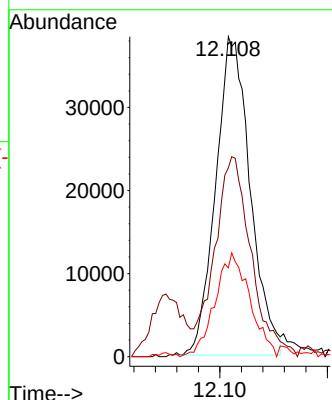
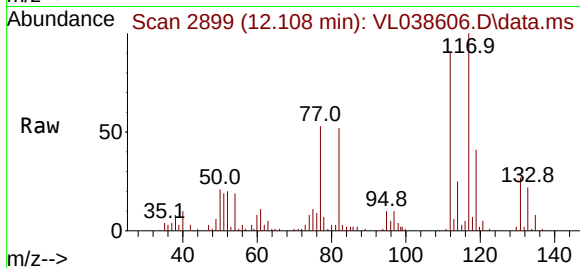
LOQ-AIR-02-QT1-2022

Tgt Ion:	112	Resp:	8532
Ion Ratio	Lower	Upper	
112	100		
77	52.6	52.5	78.7
114	27.9	30.0	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#58

Ethyl Benzene

Concen: 0.432 ppbv

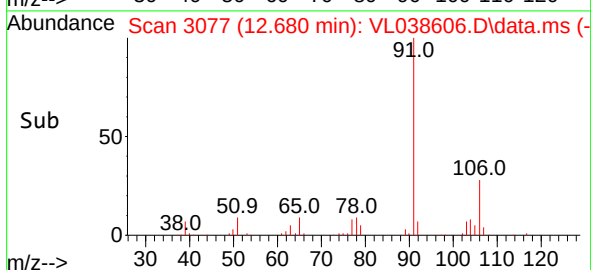
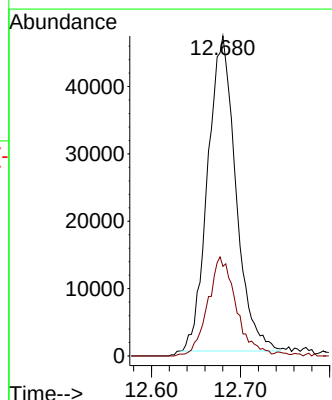
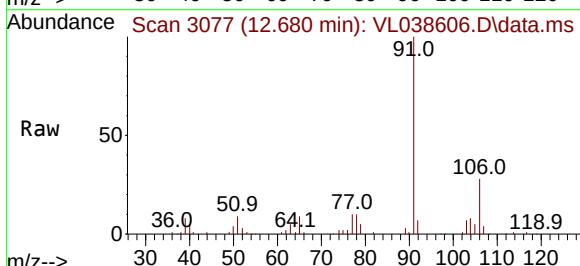
RT: 12.680 min Scan# 3077

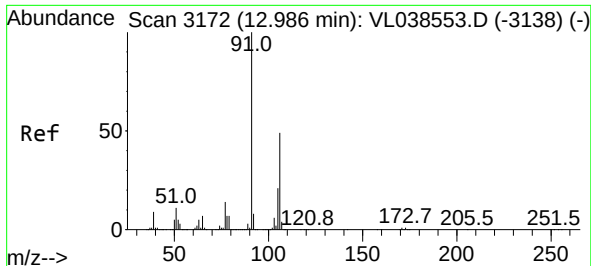
Delta R.T. -0.016 min

Lab File: VL038606.D

Acq: 14 Mar 2022 22:54

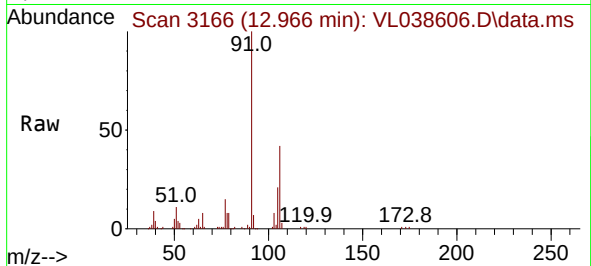
Tgt Ion:	91	Resp:	102661
Ion Ratio	Lower	Upper	
91	100		
106	27.8	24.6	37.0





#59
m/p-Xylene
Concen: 1.005 ppbv m
RT: 12.966 min Scan# 3172
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

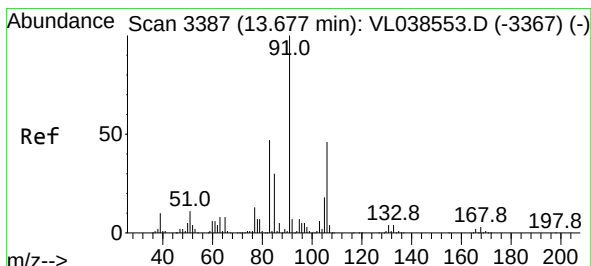
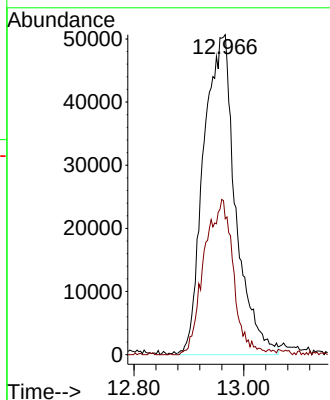
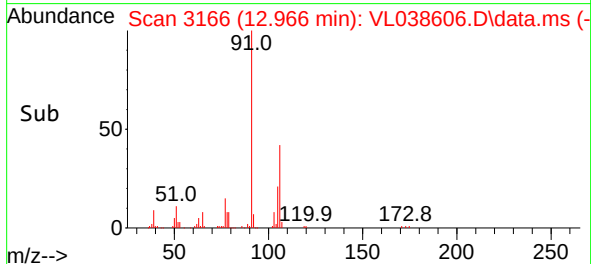
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 91 Resp: 20449
Ion Ratio Lower Upper
91 100
106 44.5 37.1 55.7

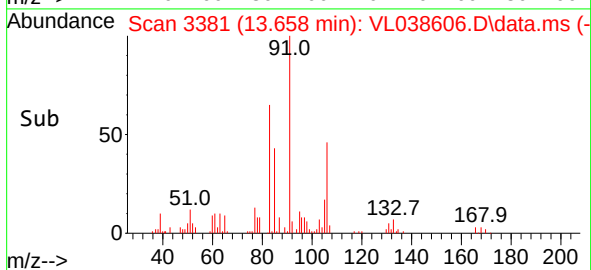
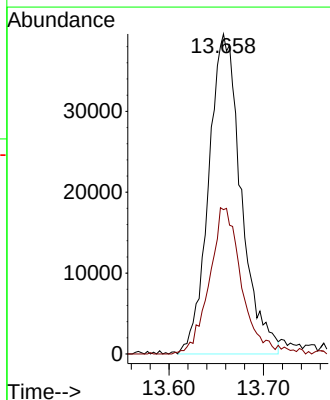
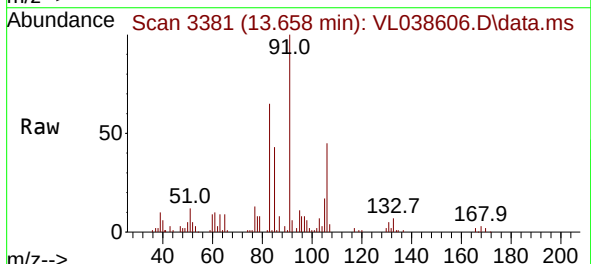
Manual Integrations
APPROVED

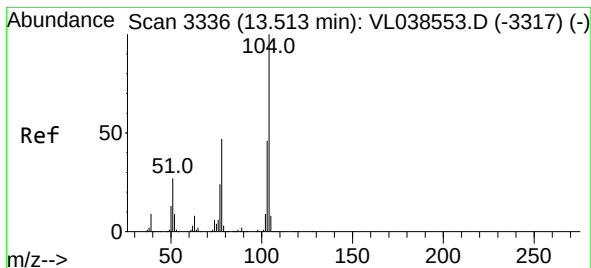
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#60
o-Xylene
Concen: 0.492 ppbv
RT: 13.658 min Scan# 3381
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 91 Resp: 94622
Ion Ratio Lower Upper
91 100
106 45.6 23.5 70.6





#61

Styrene

Concen: 0.345 ppbv

RT: 13.497 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL038606.D

Acq: 14 Mar 2022 22:54

Instrument :

MSVOA_L

ClientSampleId :

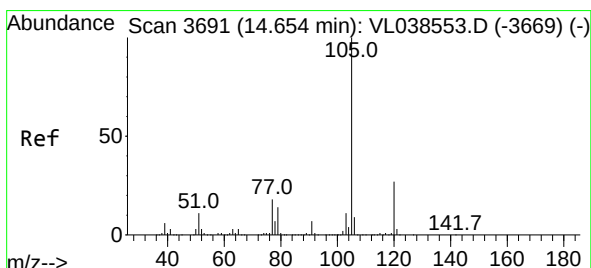
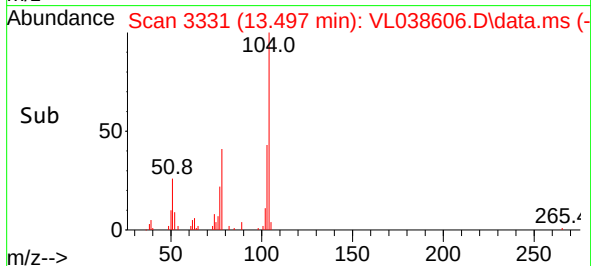
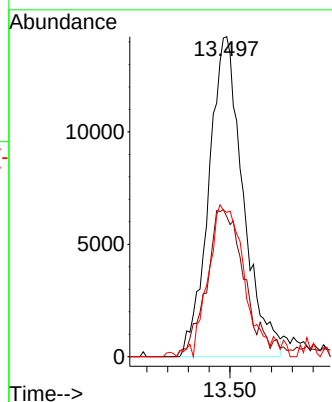
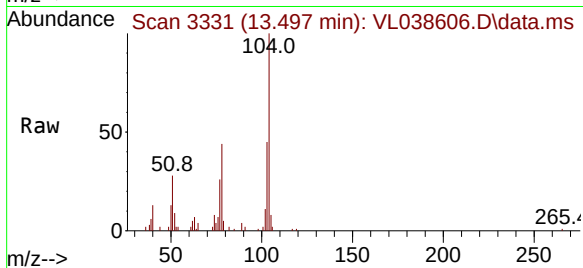
LOQ-AIR-02-QT1-2022

Tgt Ion:104	Resp:	3268
Ion Ratio	Lower	Upper
104	100	
78	53.7	39.0 58.4
103	51.1	38.0 57.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#62

Isopropylbenzene

Concen: 0.519 ppbv m

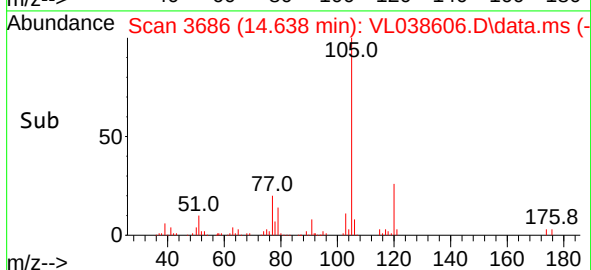
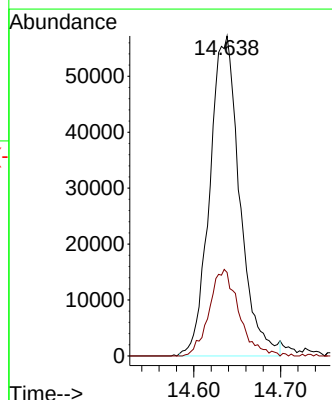
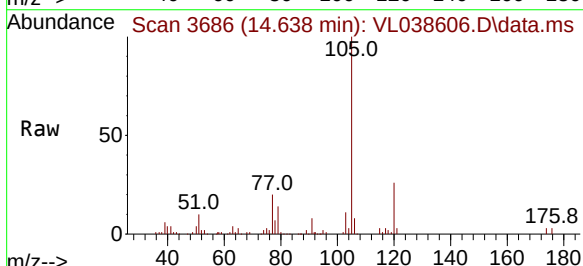
RT: 14.638 min Scan# 3686

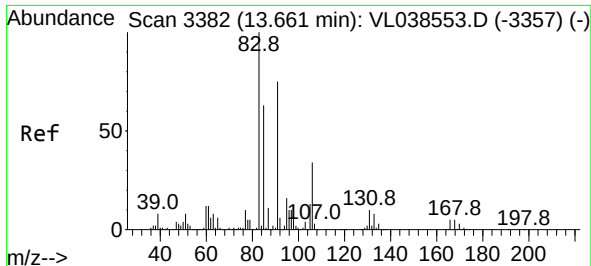
Delta R.T. -0.016 min

Lab File: VL038606.D

Acq: 14 Mar 2022 22:54

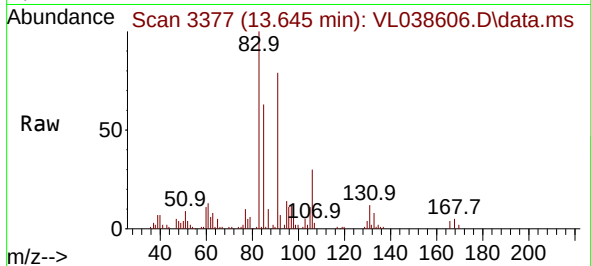
Tgt Ion:105	Resp:	137511
Ion Ratio	Lower	Upper
105	100	
120	0.0	21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 0.541 ppbv
RT: 13.645 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

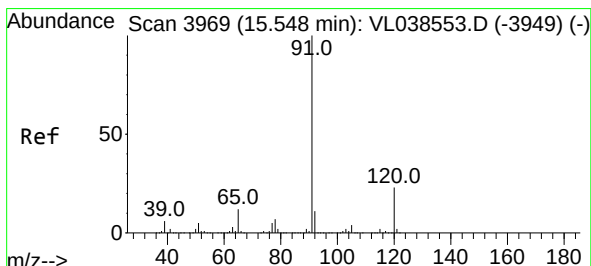
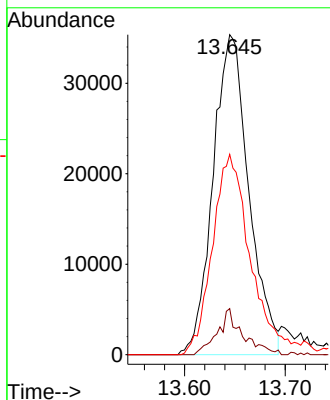
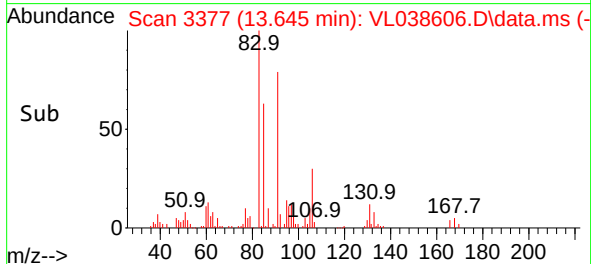
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 83 Resp: 87760
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.1
85 69.3 32.6 98.0

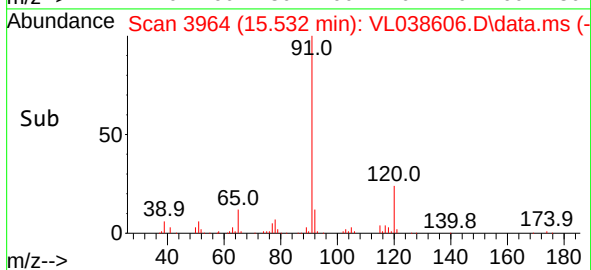
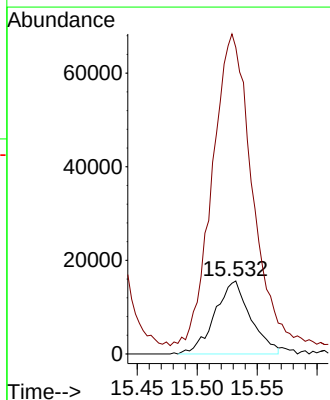
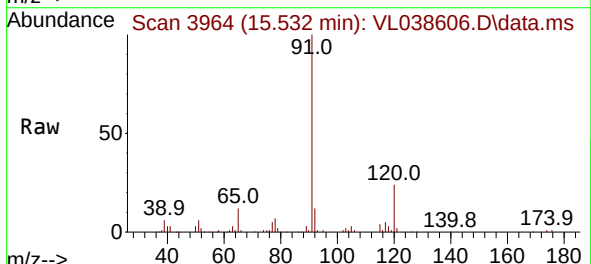
Manual Integrations
APPROVED

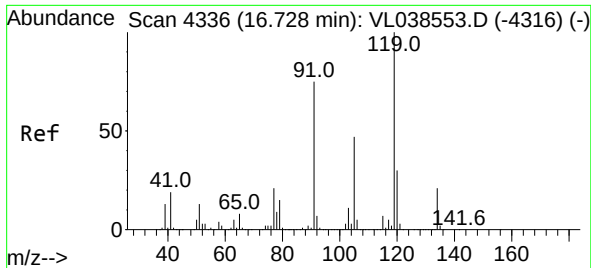
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#64
n-propylbenzene
Concen: 0.478 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

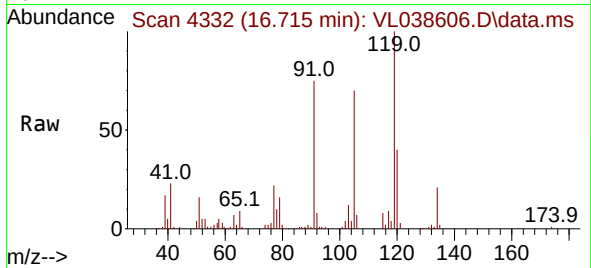
Tgt Ion:120 Resp: 32302
Ion Ratio Lower Upper
120 100
91 521.2 374.2 561.2





#65
tert-Butylbenzene
Concen: 0.512 ppbv
RT: 16.715 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

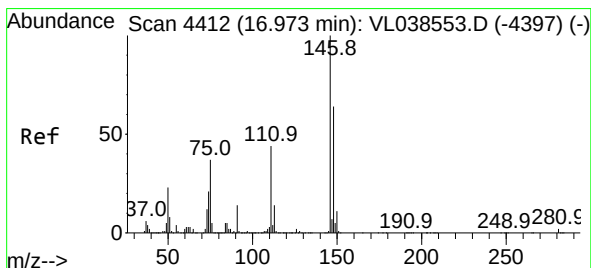
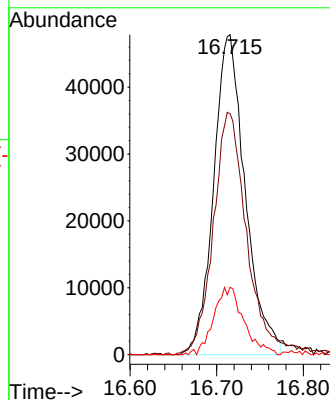
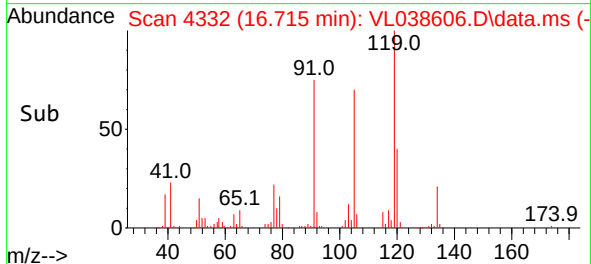
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion: 119 Resp: 121280
Ion Ratio Lower Upper
119 100
91 81.8 61.2 91.8
134 20.2 16.2 24.2

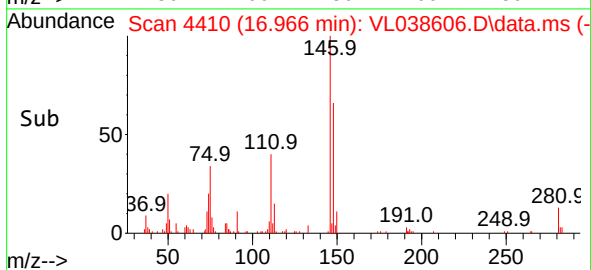
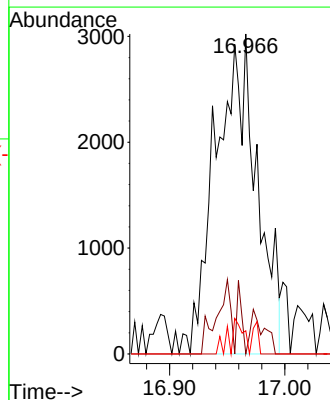
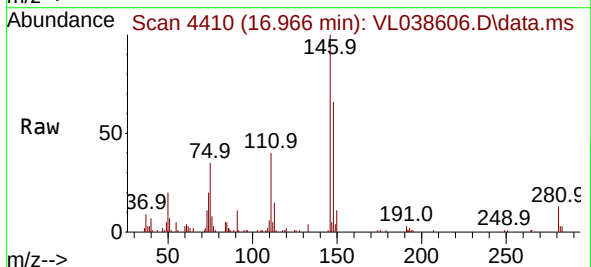
Manual Integrations
APPROVED

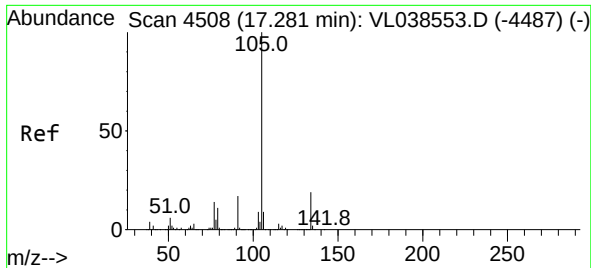
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#66
Benzyl Chloride
Concen: 0.533 ppbv m
RT: 16.966 min Scan# 4410
Delta R.T. -0.006 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

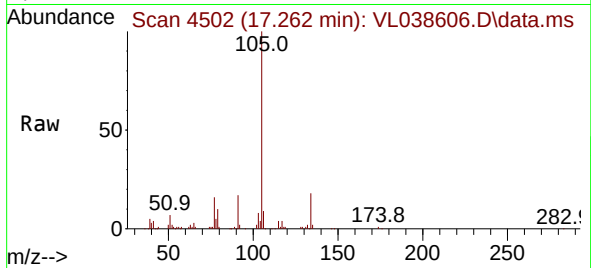
Tgt Ion: 91 Resp: 7487
Ion Ratio Lower Upper
91 100
126 0.0 14.1 21.1#
128 0.0 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.520 ppbv
 RT: 17.262 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

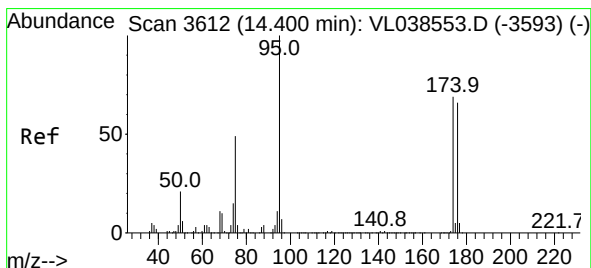
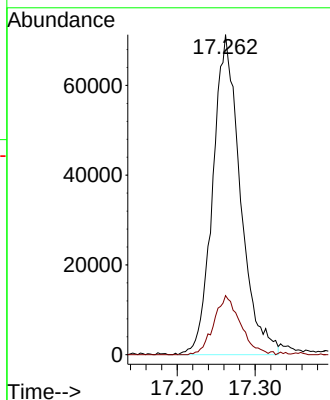
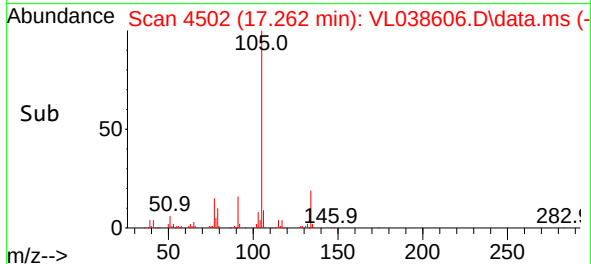
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2022



Tgt Ion:105 Resp: 175149
 Ion Ratio Lower Upper
 105 100
 134 18.2 15.0 22.6

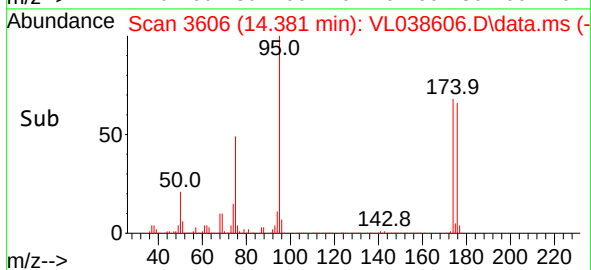
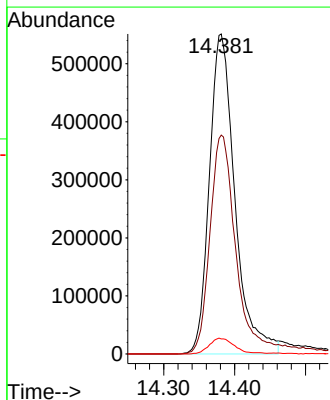
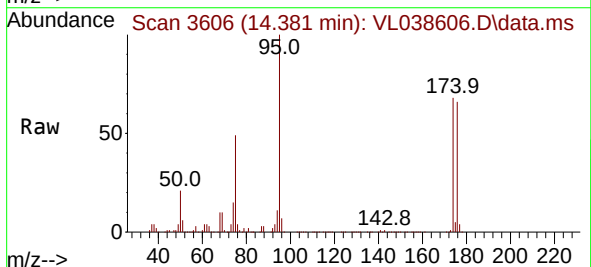
Manual Integrations
 APPROVED

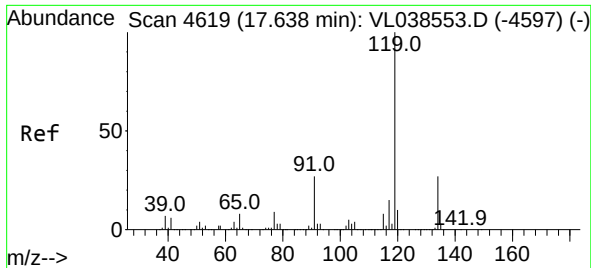
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.891 ppbv
 RT: 14.381 min Scan# 3606
 Delta R.T. -0.019 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

Tgt Ion: 95 Resp: 1380439
 Ion Ratio Lower Upper
 95 100
 174 72.5 56.2 84.4
 175 5.1 4.2 6.2





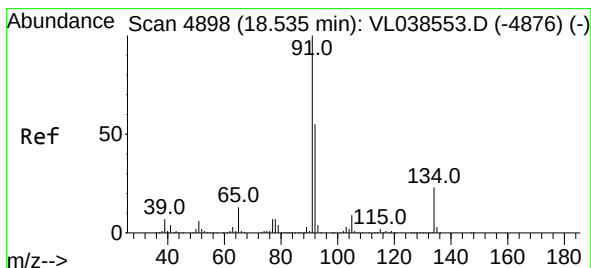
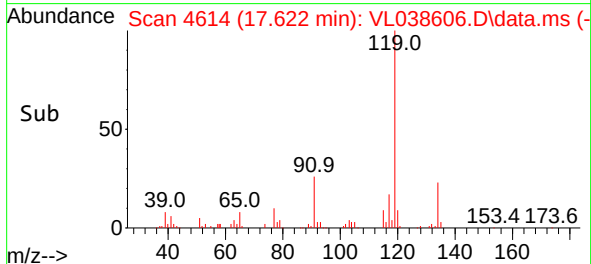
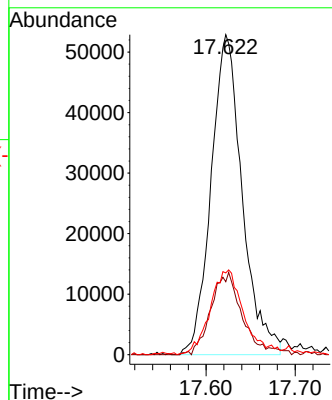
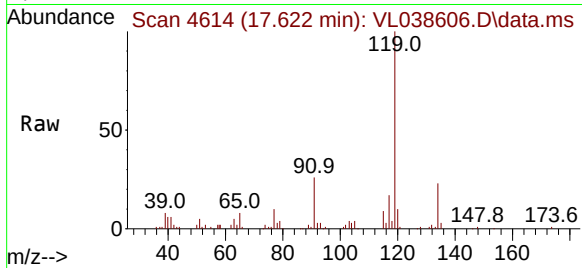
#69
p-Isopropyltoluene
Concen: 0.459 ppbv
RT: 17.622 min Scan# 4614
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

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

Tgt Ion: 119 Resp: 128258
Ion Ratio Lower Upper
119 100
134 26.0 20.9 31.3
91 29.1 21.1 31.7

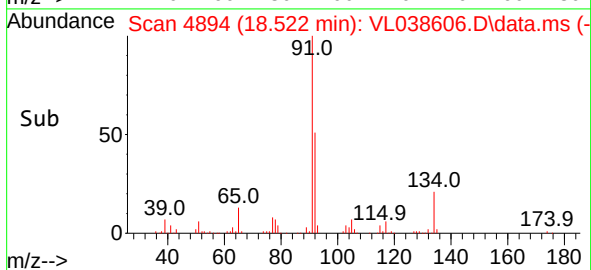
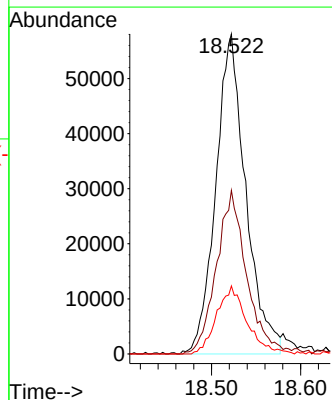
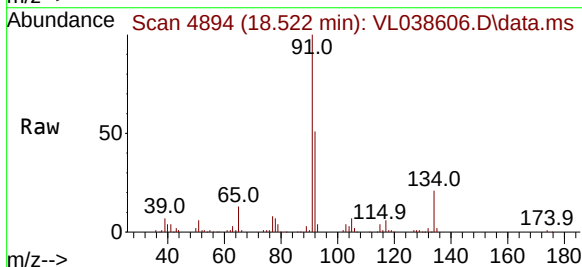
Manual Integrations
APPROVED

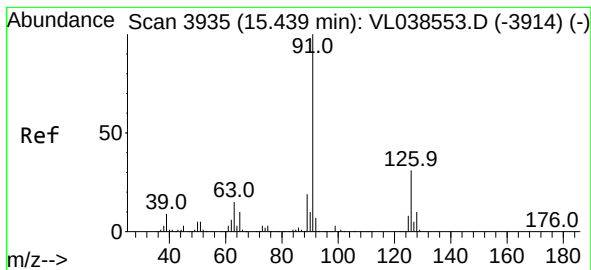
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#70
n-Butylbenzene
Concen: 0.457 ppbv
RT: 18.522 min Scan# 4894
Delta R.T. -0.013 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion: 91 Resp: 135945
Ion Ratio Lower Upper
91 100
92 53.1 43.8 65.8
134 21.4 18.7 28.1





#71

2-Chlorotoluene

Concen: 0.479 ppbv

RT: 15.420 min Scan# 3935

Delta R.T. -0.019 min

Lab File: VL038606.D

Acq: 14 Mar 2022 22:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2022

Tgt Ion: 91 Resp: 9435

Ion Ratio Lower Upper

91 100

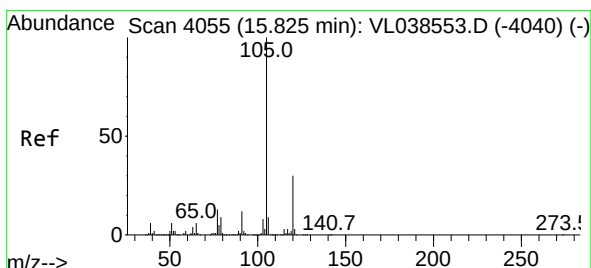
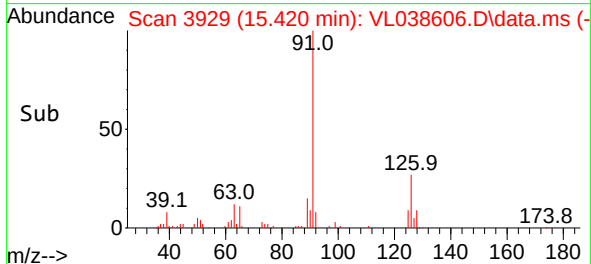
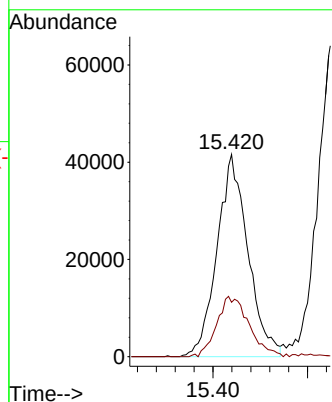
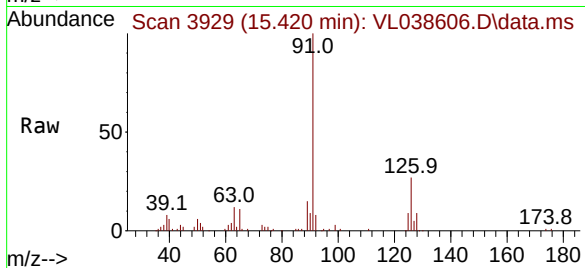
126 31.1 12.9 51.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/18/2022



#72

4-Ethyltoluene

Concen: 0.447 ppbv

RT: 15.809 min Scan# 4050

Delta R.T. -0.016 min

Lab File: VL038606.D

Acq: 14 Mar 2022 22:54

Tgt Ion:105 Resp: 98653

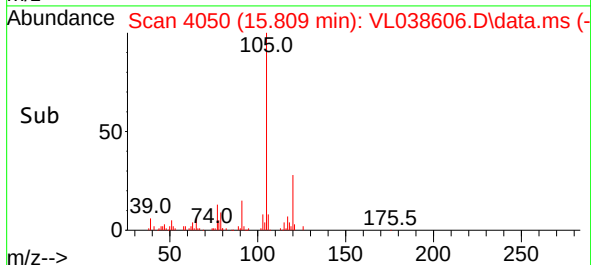
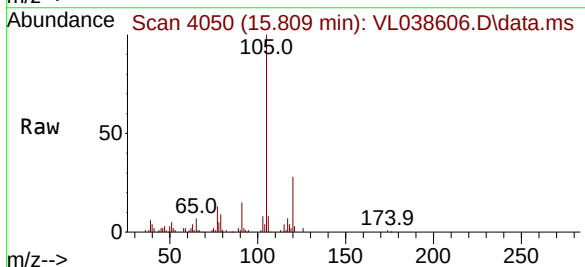
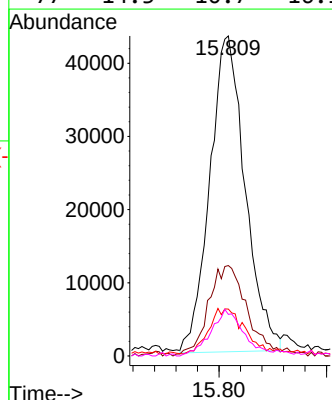
Ion Ratio Lower Upper

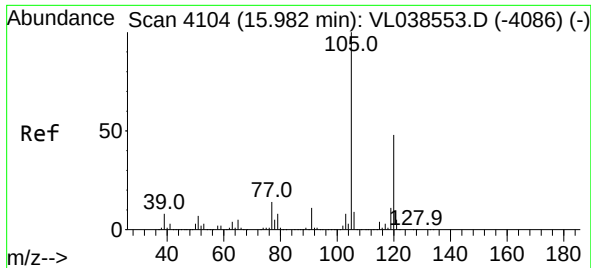
105 100

120 32.1 25.0 37.4

91 16.2 9.8 14.6#

77 14.3 10.7 16.1





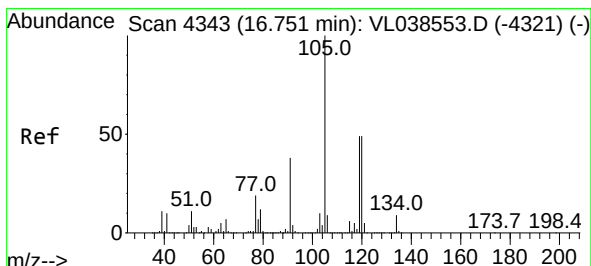
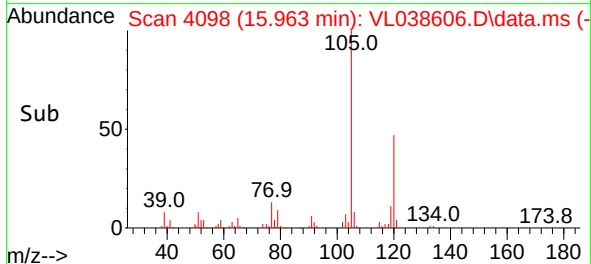
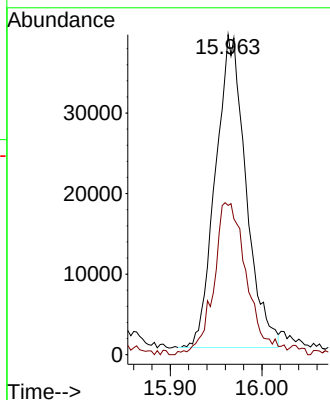
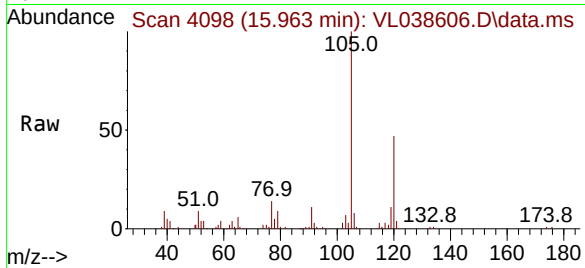
#73
 1,3,5-Trimethylbenzene
 Concen: 0.437 ppbv
 RT: 15.963 min Scan# 4098
 Delta R.T. -0.019 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

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

Tgt Ion:105 Resp: 89550
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.3 57.5

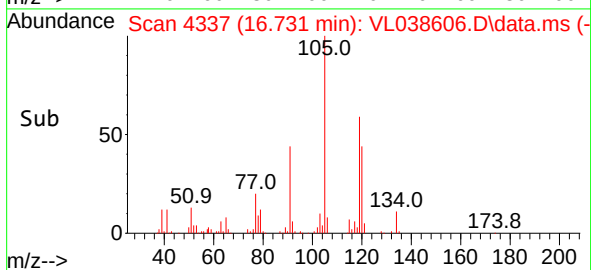
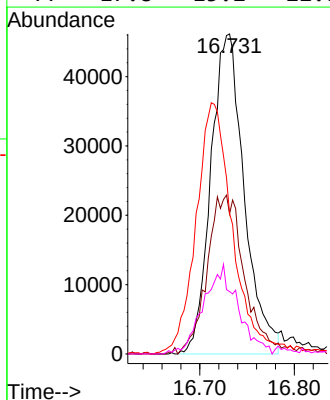
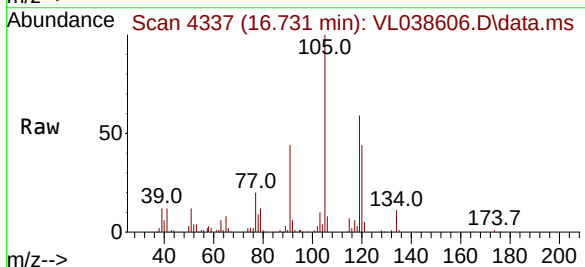
Manual Integrations
 APPROVED

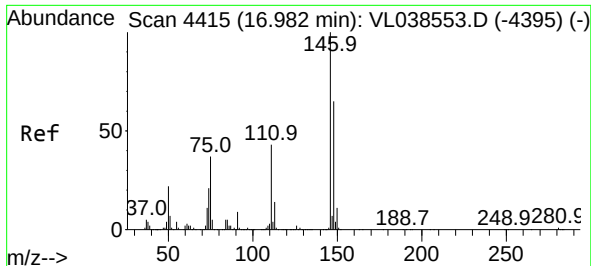
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/18/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 0.517 ppbv
 RT: 16.731 min Scan# 4337
 Delta R.T. -0.019 min
 Lab File: VL038606.D
 Acq: 14 Mar 2022 22:54

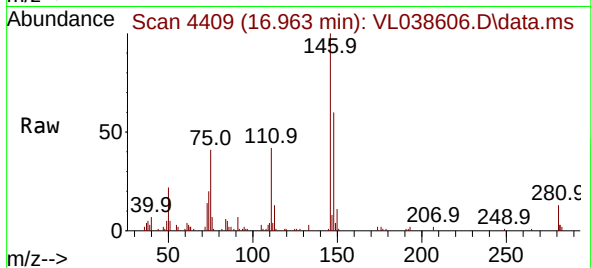
Tgt Ion:105 Resp: 113194
 Ion Ratio Lower Upper
 105 100
 120 43.7 38.9 58.3
 91 41.0 30.6 46.0
 77 17.8 15.2 22.8





#75
1,3-Dichlorobenzene
Concen: 0.539 ppbv m
RT: 16.963 min Scan# 4415
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

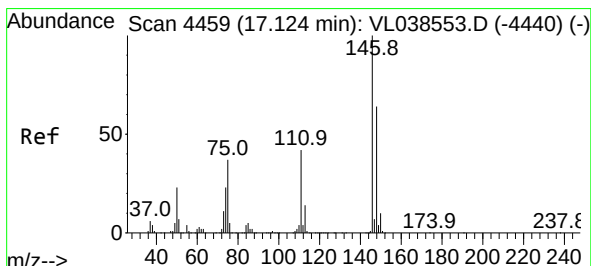
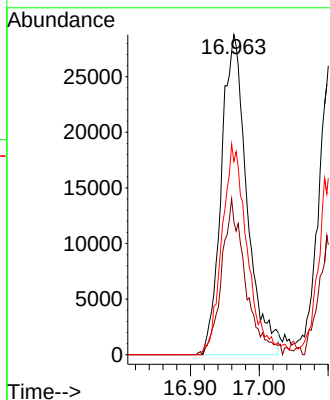
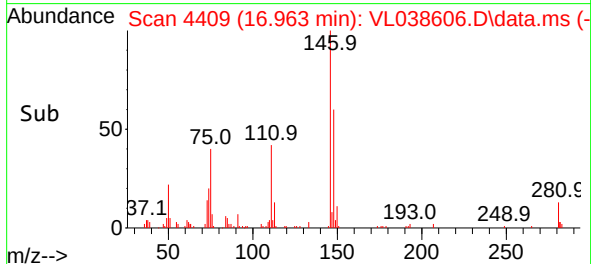
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



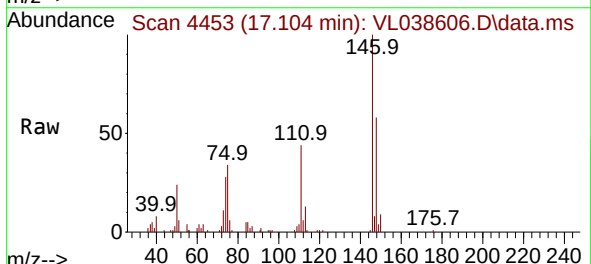
Tgt Ion:146 Resp: 7444
Ion Ratio Lower Upper
146 100
111 0.0 21.9 65.8
148 0.0 32.2 96.6

Manual Integrations
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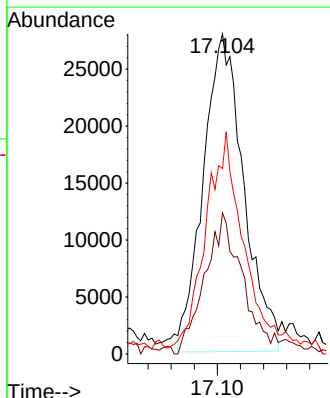
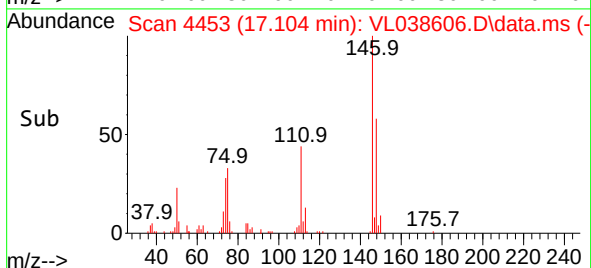
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022

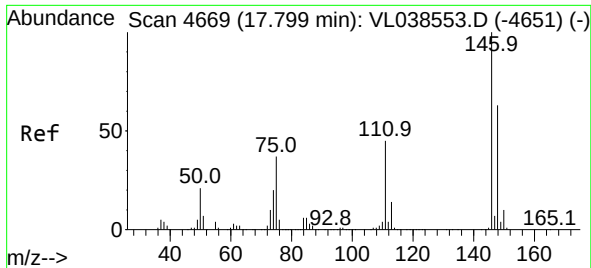


#76
1,4-Dichlorobenzene
Concen: 0.496 ppbv
RT: 17.104 min Scan# 4453
Delta R.T. -0.019 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54



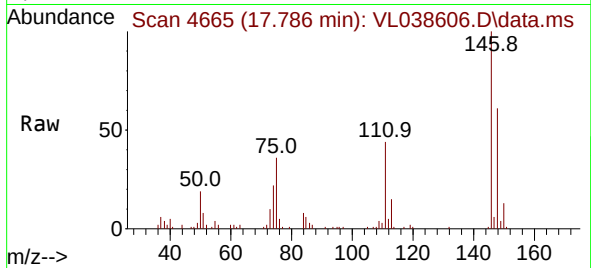
Tgt Ion:146 Resp: 67855
Ion Ratio Lower Upper
146 100
111 44.5 21.8 65.3
148 70.2 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.511 ppbv
RT: 17.786 min Scan# 4665
Delta R.T. -0.013 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

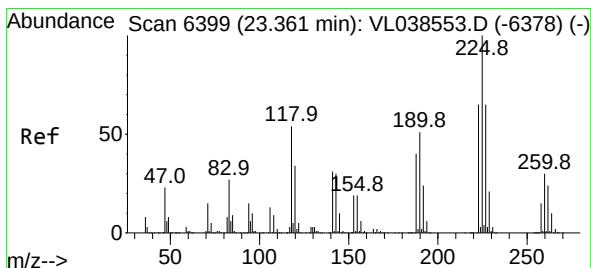
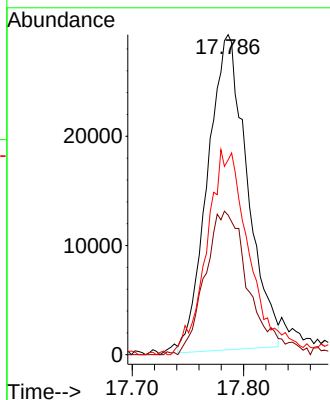
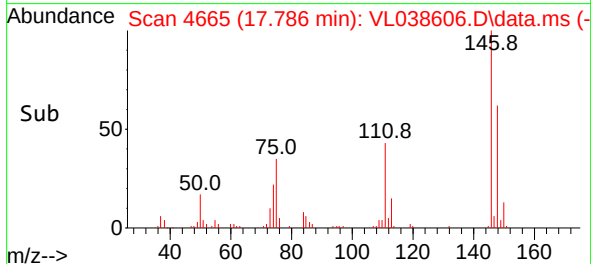
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



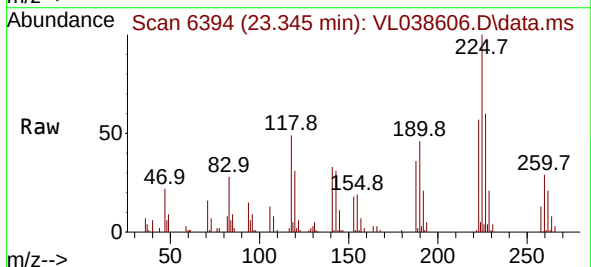
Tgt Ion:146 Resp: 71369
Ion Ratio Lower Upper
146 100
111 52.0 23.2 69.5
148 72.8 32.6 98.0

Manual Integrations
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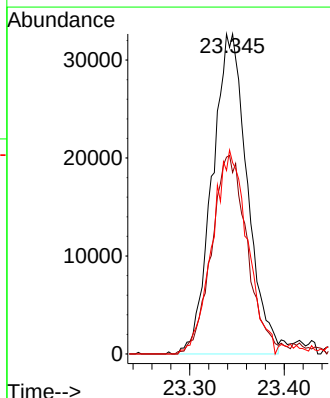
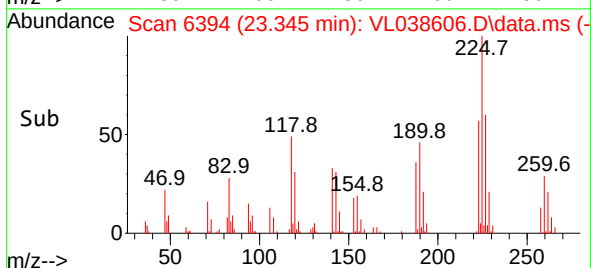
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022

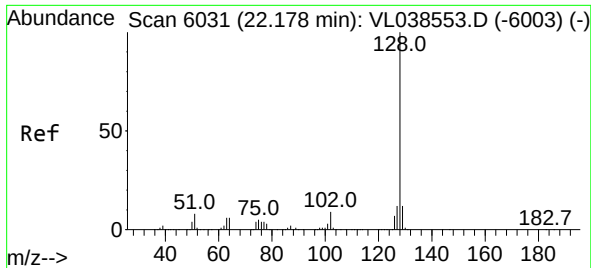


#78
Hexachloro-1,3-Butadiene
Concen: 0.616 ppbv
RT: 23.345 min Scan# 6394
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54



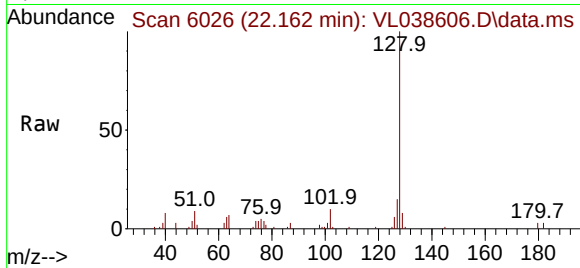
Tgt Ion:225 Resp: 83961
Ion Ratio Lower Upper
225 100
223 63.9 51.4 77.0
227 66.1 51.9 77.9





#79
Naphthalene
Concen: 0.347 ppbv m
RT: 22.162 min Scan# 6031
Delta R.T. -0.016 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

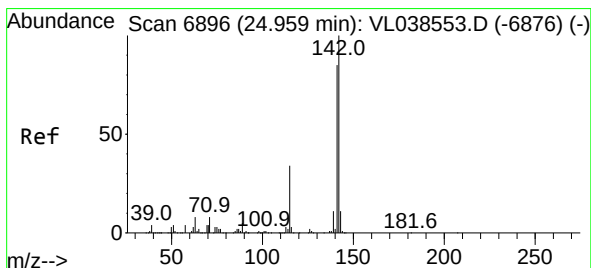
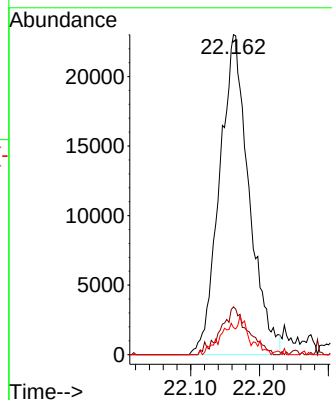
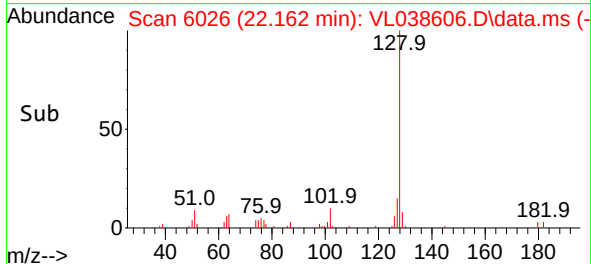
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2022



Tgt Ion:128 Resp: 68409
Ion Ratio Lower Upper
128 100
127 15.0 9.9 14.9#
129 8.5 9.3 13.9#

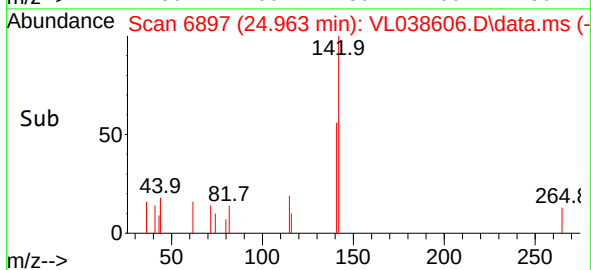
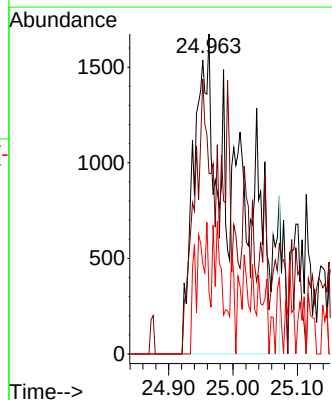
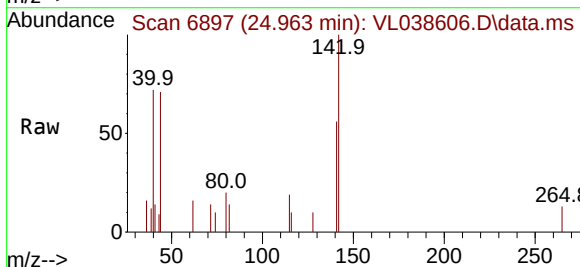
Manual Integrations
APPROVED

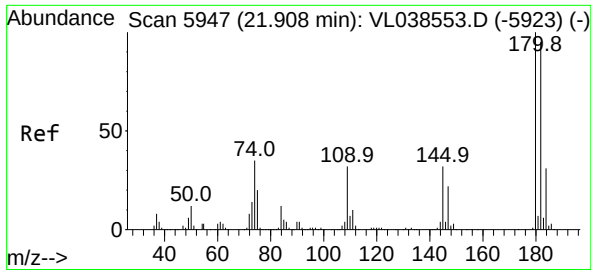
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/18/2022



#80
Naphthalene,2-methyl-
Concen: 0.229 ppbv m
RT: 24.963 min Scan# 6897
Delta R.T. 0.003 min
Lab File: VL038606.D
Acq: 14 Mar 2022 22:54

Tgt Ion:142 Resp: 7952
Ion Ratio Lower Upper
142 100
141 32.9 68.4 102.6#
115 13.6 27.9 41.9#





#81

1,2,4-Trichlorobenzene

Concen: 0.425 ppbv m

RT: 21.889 min Scan# 5941

Delta R.T. -0.019 min

Lab File: VL038606.D

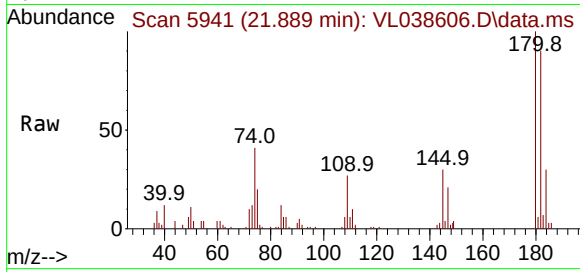
Acq: 14 Mar 2022 22:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2022



Tgt Ion:180 Resp: 5353

Ion Ratio Lower Upper

180 100

182 0.0 79.1 118.7

184 0.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/18/2022

