

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037959.D
 Acq On : 2 Nov 2021 4:43
 Operator : SY/AP
 Sample : M4068-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021

Quant Time: Nov 02 08:01:02 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 08:01:02 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.655	49	1342194	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4072949	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3543534	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.394	95	2567413	9.967	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.044	85	124881	0.660	ppbv	100
3) Chlorodifluoromethane	2.986	51	148663	0.595	ppbv	100
4) Chloromethane	3.134	50	58220m	0.613	ppbv	
5) Vinyl Chloride	3.256	62	52091m	0.569	ppbv	
6) Bromomethane	3.475	94	26881m	0.544	ppbv	
7) Chloroethane	3.552	64	17298	0.524	ppbv	92
8) Dichlorotetrafluoroethane	3.186	85	135570	0.622	ppbv	99
9) Propene	3.009	41	40188	0.449	ppbv	95
10) Heptane	8.108	43	94781	0.455	ppbv	94
11) Trichlorofluoromethane	3.948	101	102197	0.543	ppbv	94
12) 1,1,2-Trichlorotrifluoro...	4.475	101	82430	0.562	ppbv	96
13) Ethanol	3.626	45	4454	0.493	ppbv #	32
14) Bromoethene	3.735	108	30813	0.480	ppbv #	85
15) Acetone	3.870	43	67304m	0.607	ppbv	
16) 1,3-Butadiene	3.330	39	47938m	0.549	ppbv	
17) tert-Butyl alcohol	4.301	59	62525m	0.542	ppbv	
18) 1,1-Dichloroethene	4.282	96	34904	0.517	ppbv	91
19) Isopropyl Alcohol	3.993	45	40843m	0.576	ppbv	
20) Methylene Chloride	4.337	84	40337m	0.662	ppbv	
21) Allyl Chloride	4.407	41	55213	0.540	ppbv	93
22) trans-1,2-Dichloroethene	4.874	96	34494m	0.514	ppbv	
23) Vinyl Acetate	5.079	43	73029m	0.437	ppbv	
24) 1,1-Dichloroethane	4.999	63	80810m	0.586	ppbv	
25) Ethyl Acetate	5.677	43	159866	0.485	ppbv	97
26) Hexane	5.681	57	76220m	0.488	ppbv	
27) Carbon Disulfide	4.546	76	65576m	0.426	ppbv	
28) Methyl tert-Butyl Ether	5.041	73	66711m	0.508	ppbv	
29) Chloroform	5.739	83	131566	0.565	ppbv	96
30) Cyclohexane	7.124	84	67954m	0.509	ppbv	
31) cis-1,2-Dichloroethene	5.536	61	65755m	0.462	ppbv	
32) 1,1,1-Trichloroethane	6.497	97	116721m	0.510	ppbv	
34) 2-Butanone	5.250	43	71974m	0.477	ppbv	
35) Carbon Tetrachloride	7.005	117	117019	0.475	ppbv	85
36) Benzene	6.880	78	154899	0.467	ppbv	97
37) 1,2-Dichloroethane	6.301	62	74990m	0.476	ppbv	
38) Trichloroethene	7.825	130	59211m	0.430	ppbv	
39) 1,2-Dichloropropane	7.603	63	65631m	0.526	ppbv	
40) 1,4-Dioxane	7.864	88	15335m	0.467	ppbv	
41) Tetrahydrofuran	6.073	42	27391m	0.371	ppbv	
42) Bromodichloromethane	7.774	83	108086	0.453	ppbv	86
43) Methyl Methacrylate	8.005	69	42910m	0.394	ppbv	
44) 2,2,4-Trimethylpentane	7.854	57	261668	0.464	ppbv	92
45) t-1,3-Dichloropropene	9.262	75	26658m	0.333	ppbv	

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 08:01:02 2021

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	38056m	0.346	ppbv	
47) 1,1,2-Trichloroethane	9.459	97	70547m	0.503	ppbv	
48) Dibromochloromethane	10.282	129	87925m	0.443	ppbv	
49) Bromoform	13.021	173	59654	0.380	ppbv	97
50) 4-Methyl-2-Pentanone	8.761	43	76450m	0.386	ppbv	
51) 2-Hexanone	10.150	43	29818m	0.357	ppbv	
52) Tetrachloroethene	11.201	164	57039m	0.453	ppbv	
53) Toluene	9.783	91	138590m	0.390	ppbv	
54) 1,2-Dibromoethane	10.590	107	80440m	0.445	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.108	131	78923m	0.552	ppbv	
57) Chlorobenzene	12.124	112	160919	0.569	ppbv	91
58) Ethyl Benzene	12.693	91	183614m	0.424	ppbv	
59) m/p-Xylene	12.973	91	360960m	0.937	ppbv	
60) o-Xylene	13.674	91	166814	0.459	ppbv	100
61) Styrene	13.507	104	52324m	0.314	ppbv	
62) Isopropylbenzene	14.648	105	262878	0.511	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.655	83	160841m	0.515	ppbv	
64) n-propylbenzene	15.539	120	62749m	0.476	ppbv	
65) tert-Butylbenzene	16.728	119	222184	0.489	ppbv	94
66) Benzyl Chloride	16.973	91	9939m	0.419	ppbv	
67) sec-Butylbenzene	17.275	105	295049	0.471	ppbv	100
69) p-Isopropyltoluene	17.642	119	227856m	0.454	ppbv	
70) n-Butylbenzene	18.539	91	204474m	0.443	ppbv	
71) 2-Chlorotoluene	15.436	91	171633	0.476	ppbv	98
72) 4-Ethyltoluene	15.822	105	174187	0.419	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.979	105	159242	0.409	ppbv	95
74) 1,2,4-Trimethylbenzene	16.741	105	199832	0.490	ppbv #	91
75) 1,3-Dichlorobenzene	16.976	146	127101	0.500	ppbv	90
76) 1,4-Dichlorobenzene	17.117	146	107171	0.436	ppbv	87
77) 1,2-Dichlorobenzene	17.789	146	128946m	0.540	ppbv	
78) Hexachloro-1,3-Butadiene	23.355	225	120356m	0.589	ppbv	
79) Naphthalene	22.169	128	61917m	0.263	ppbv	
80) Naphthalene,2-methyl-	24.976	142	4854	0.106	ppbv #	48
81) 1,2,4-Trichlorobenzene	21.911	180	56578m	0.370	ppbv	

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

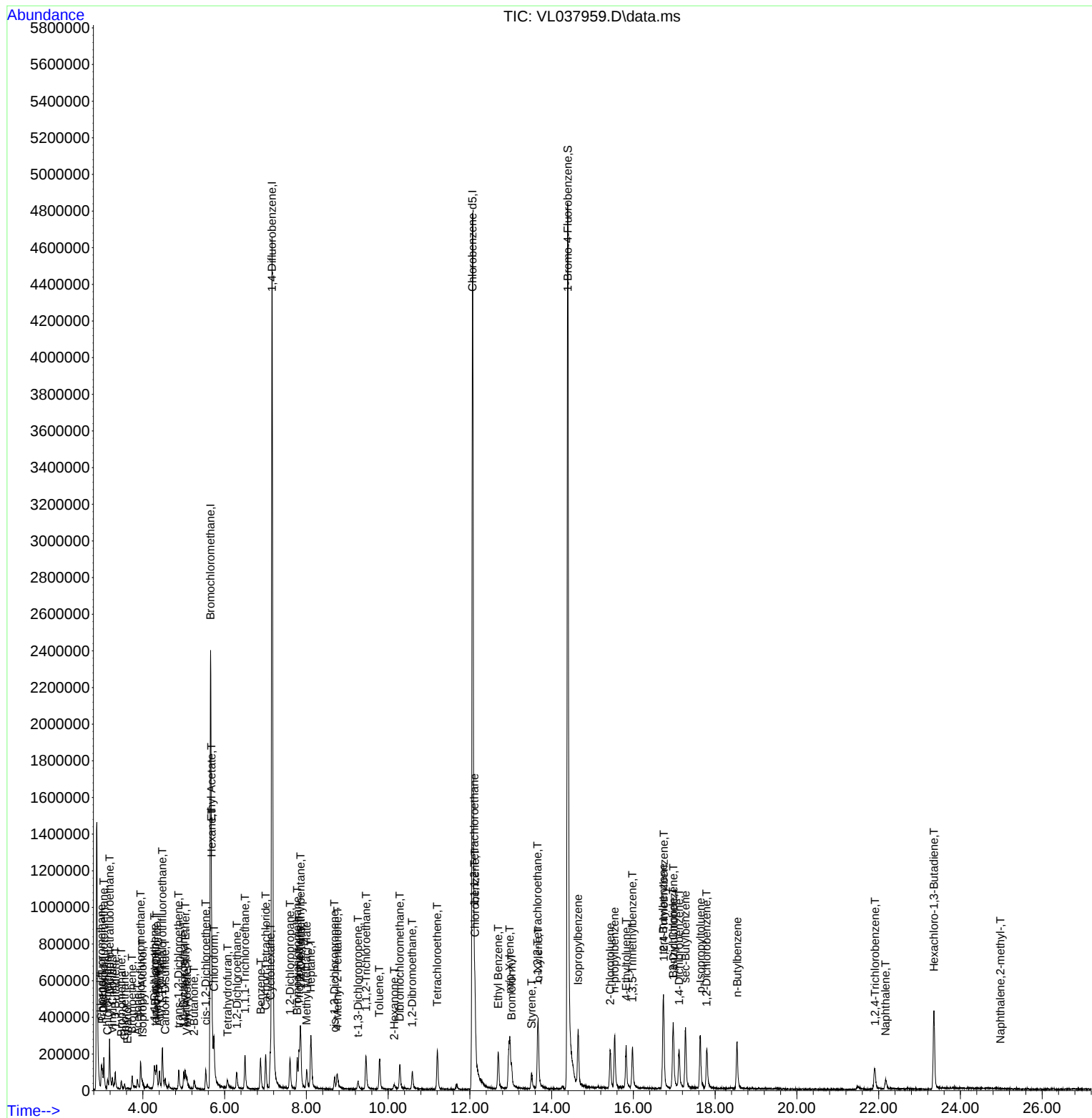
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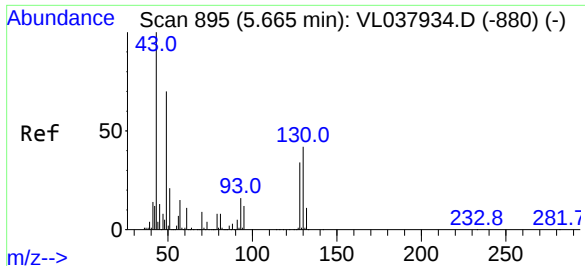
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ClientSampleId :
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Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
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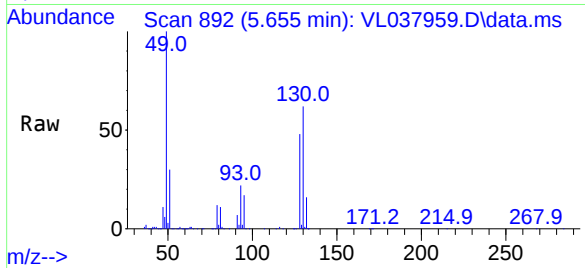
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov
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Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

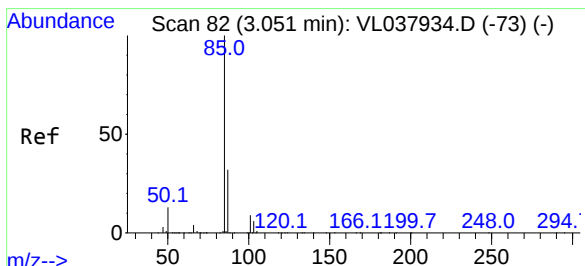
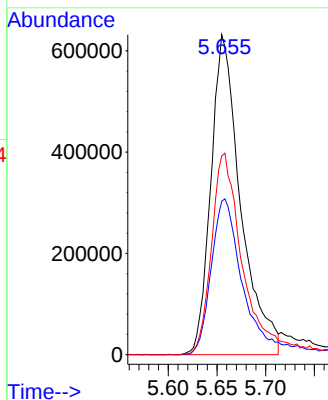
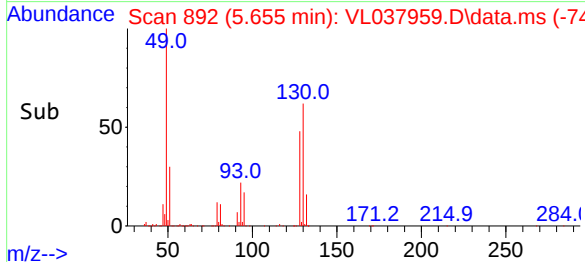
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 49 Resp: 1342194
Ion Ratio Lower Upper
49 100
128 54.7 27.0 81.0
130 69.9 33.4 100.2

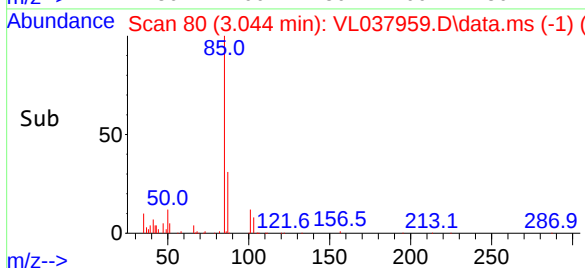
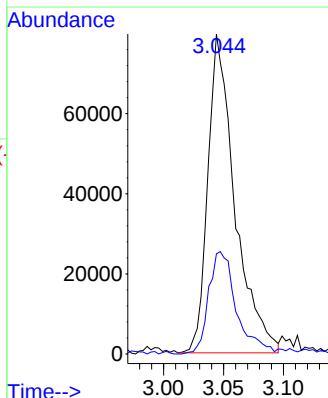
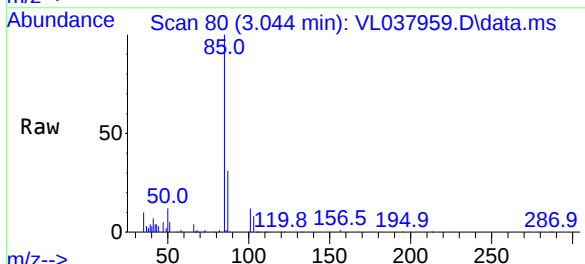
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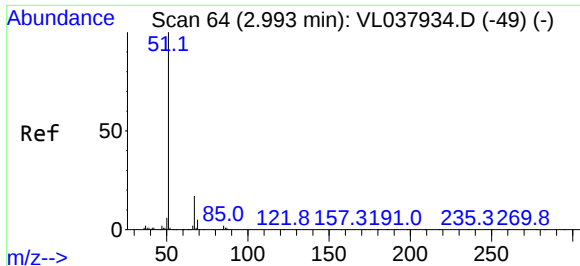
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 0.660 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Tgt Ion: 85 Resp: 124881
Ion Ratio Lower Upper
85 100
87 31.4 25.3 37.9





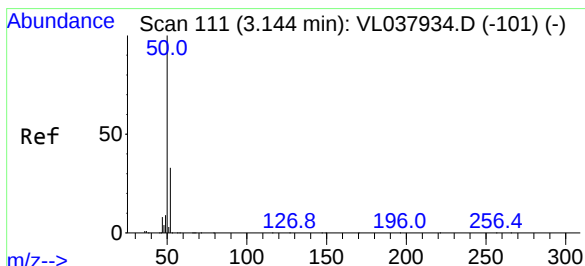
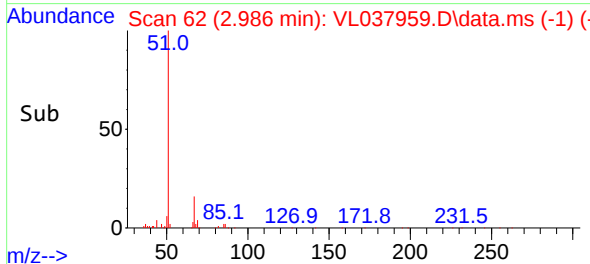
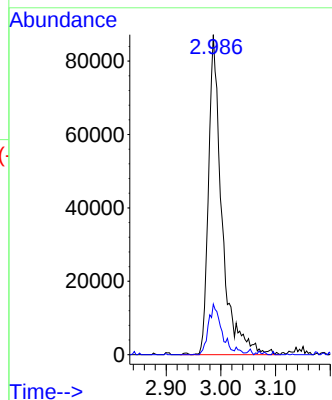
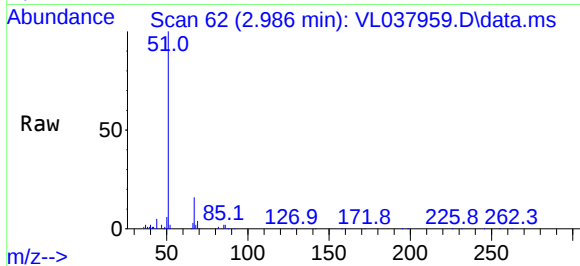
#3
Chlorodifluoromethane
Concen: 0.595 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion: 51 Resp: 14866
Ion Ratio Lower Upper
51 100
67 16.5 13.4 20.0

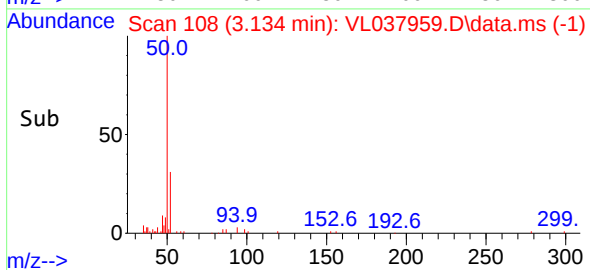
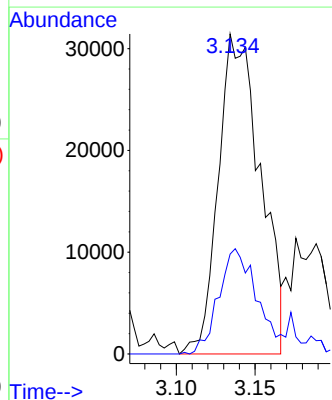
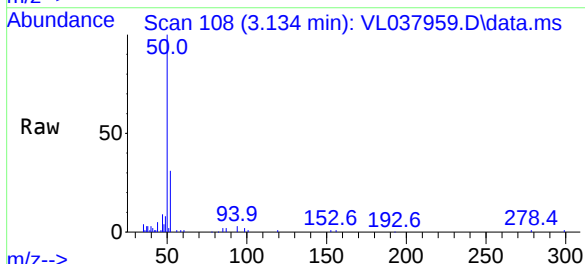
Manual Integrations
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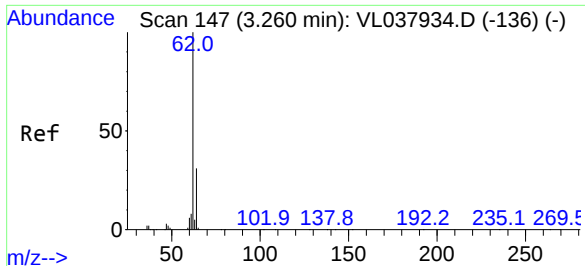
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Chloromethane
Concen: 0.613 ppbv m
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

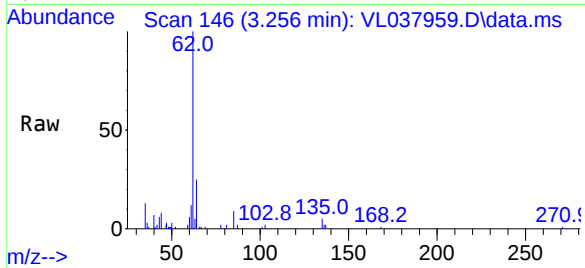
Tgt Ion: 50 Resp: 58220
Ion Ratio Lower Upper
50 100
52 31.2 26.3 39.5





#5
 Vinyl Chloride
 Concen: 0.569 ppbv m
 RT: 3.256 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43

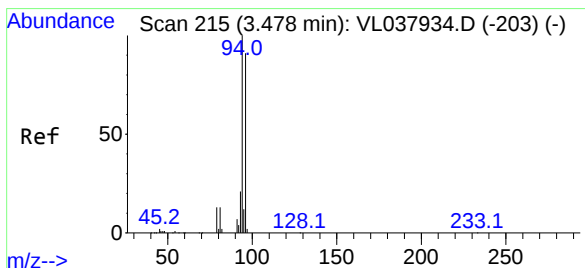
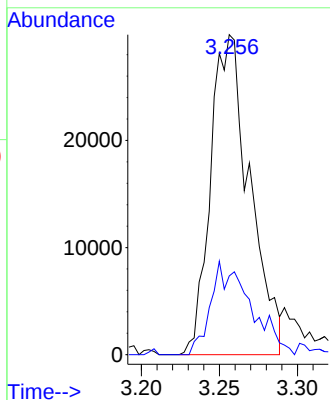
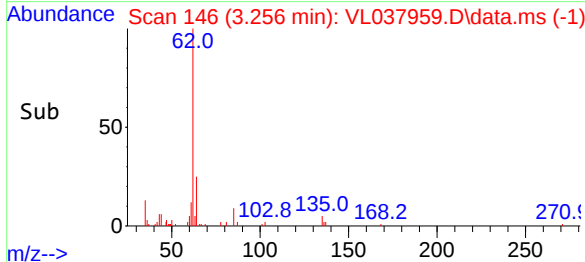
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



Tgt Ion: 62 Resp: 5209
 Ion Ratio Lower Upper
 62 100
 64 24.6 24.7 37.1

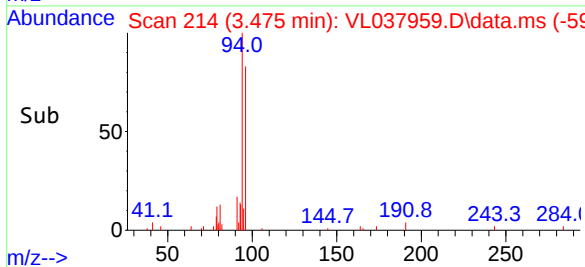
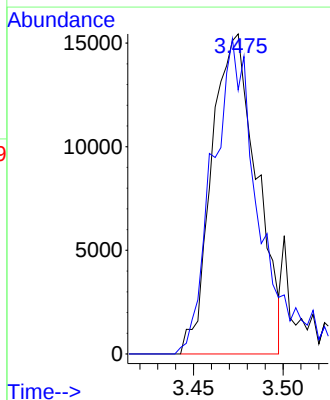
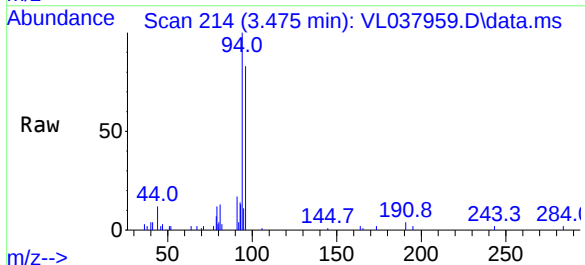
Manual Integrations
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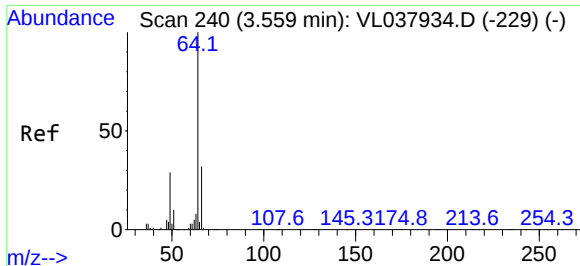
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#6
 Bromomethane
 Concen: 0.544 ppbv m
 RT: 3.475 min Scan# 214
 Delta R.T. -0.003 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43

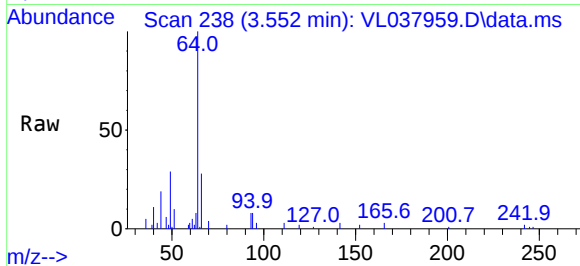
Tgt Ion: 94 Resp: 26881
 Ion Ratio Lower Upper
 94 100
 96 82.5 73.0 109.4





#7
Chloroethane
Concen: 0.524 ppbv
RT: 3.552 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

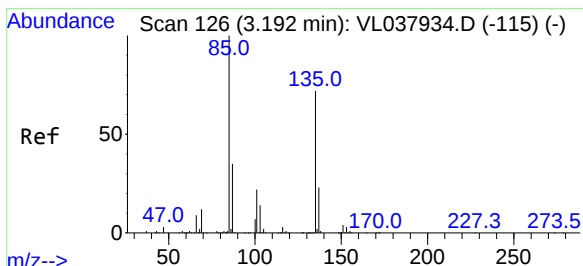
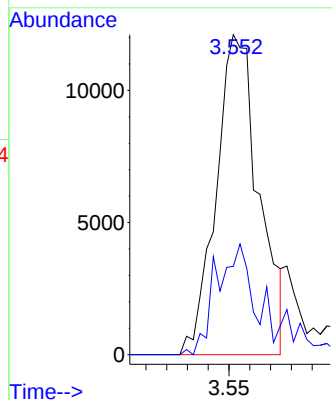
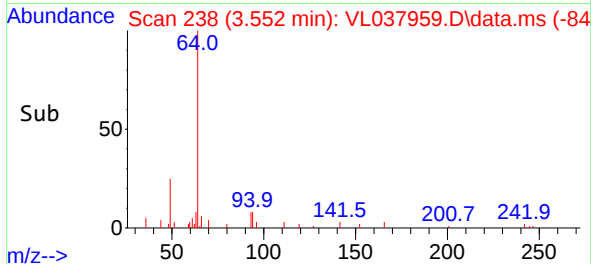
Instrument :
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ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 64 Resp: 17298
Ion Ratio Lower Upper
64 100
66 27.6 25.5 38.3

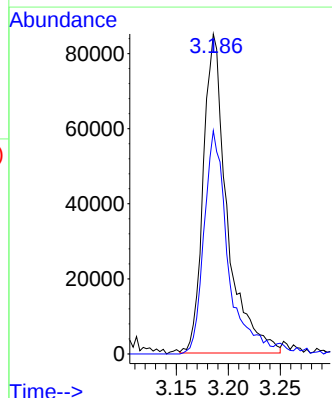
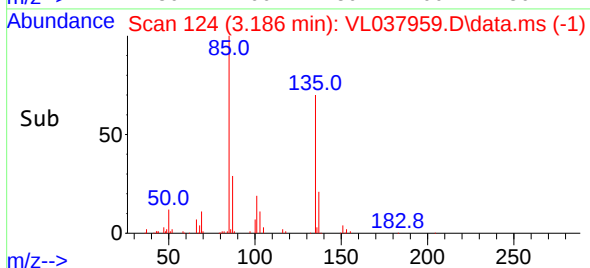
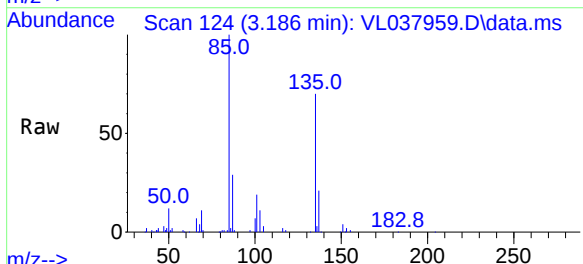
Manual Integrations
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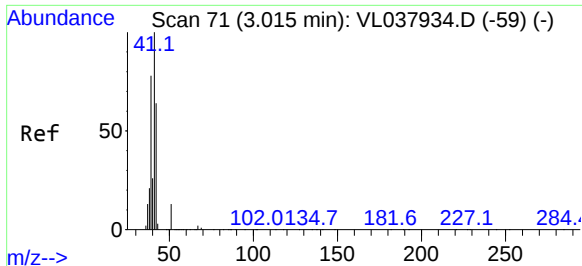
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Dichlorotetrafluoroethane
Concen: 0.622 ppbv
RT: 3.186 min Scan# 124
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

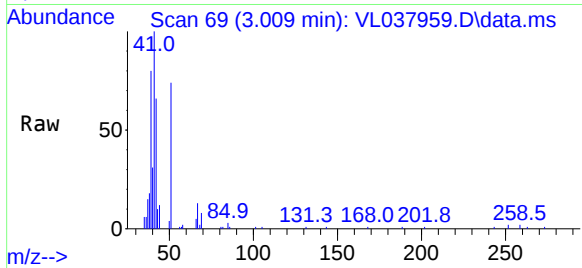
Tgt Ion: 85 Resp: 135570
Ion Ratio Lower Upper
85 100
135 72.7 58.8 88.2





#9
Propene
Concen: 0.449 ppbv
RT: 3.009 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

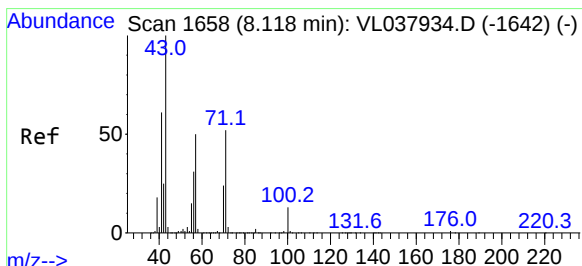
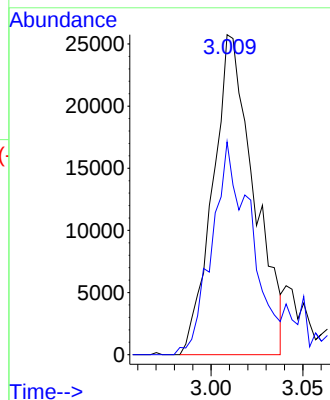
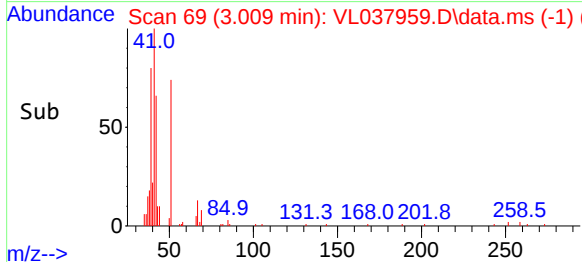
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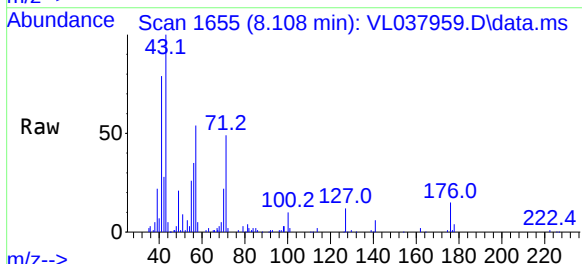
Tgt Ion: 41 Resp: 40188
Ion Ratio Lower Upper
41 100
42 76.1 57.6 86.4

Manual Integrations
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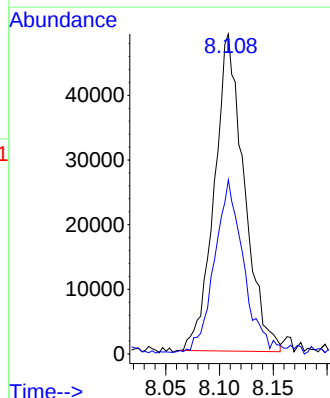
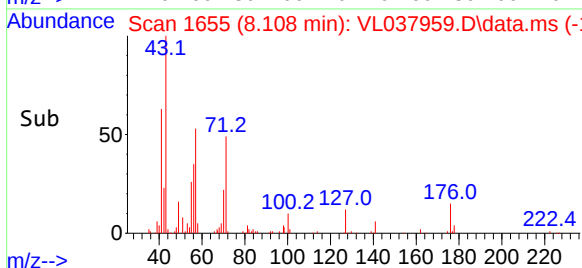
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

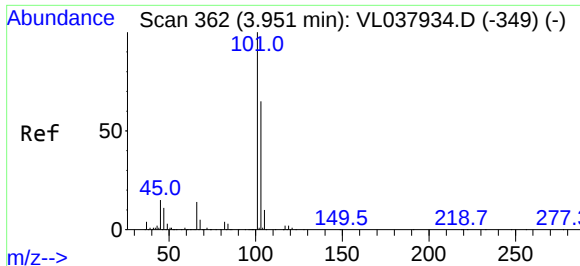


#10
Heptane
Concen: 0.455 ppbv
RT: 8.108 min Scan# 1655
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



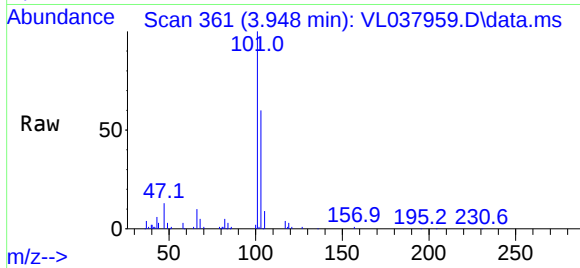
Tgt Ion: 43 Resp: 94781
Ion Ratio Lower Upper
43 100
57 54.3 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.543 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

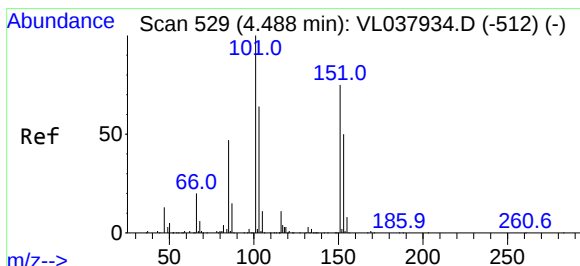
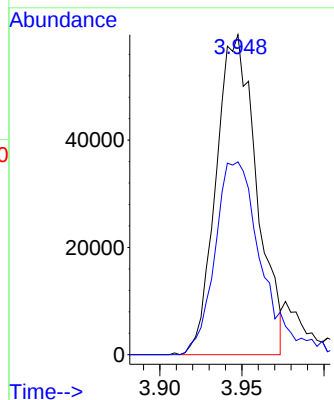
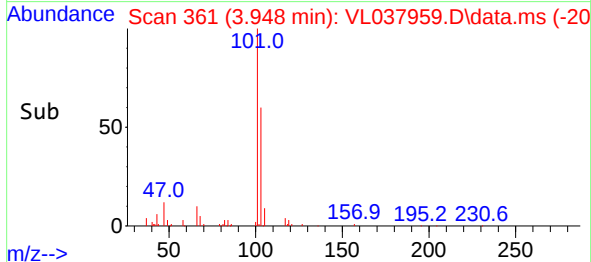
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion:101 Resp: 10219
Ion Ratio Lower Upper
101 100
103 60.2 52.0 78.0

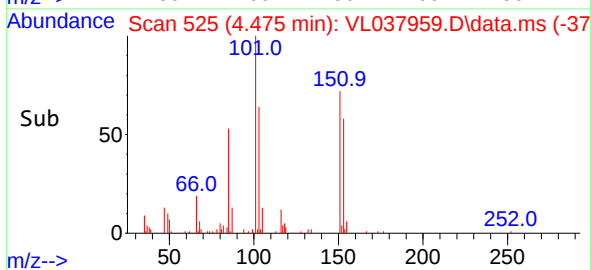
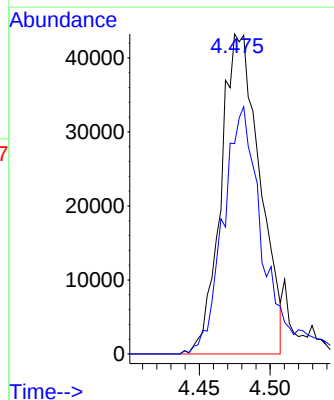
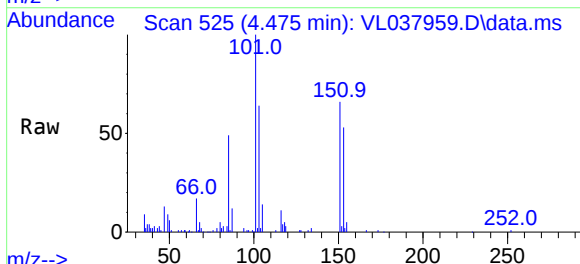
Manual Integrations
APPROVED

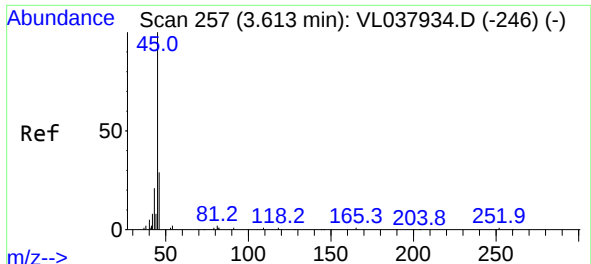
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.562 ppbv
RT: 4.475 min Scan# 525
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

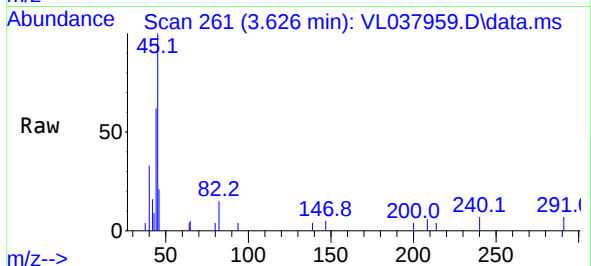
Tgt Ion:101 Resp: 82430
Ion Ratio Lower Upper
101 100
151 81.1 61.8 92.8





#13
Ethanol
Concen: 0.493 ppbv
RT: 3.626 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

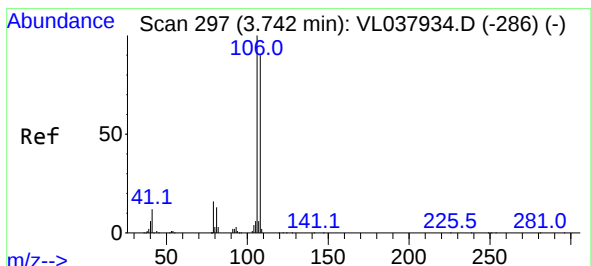
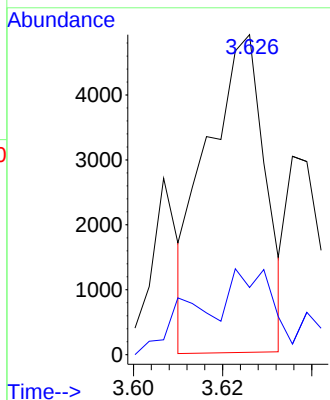
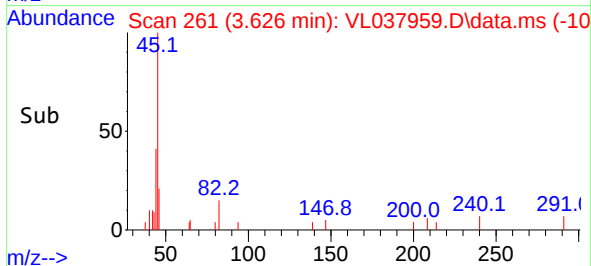
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 45 Resp: 4454
Ion Ratio Lower Upper
45 100
46 0.0 17.4 69.8

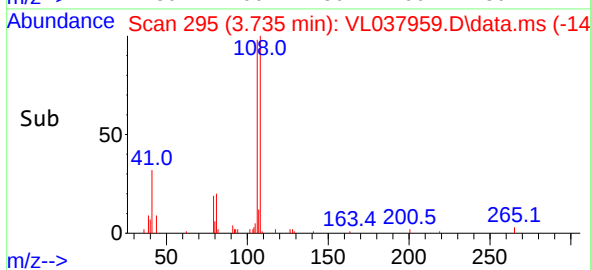
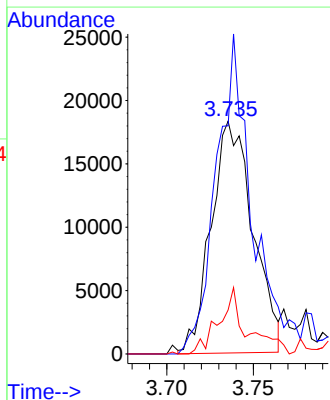
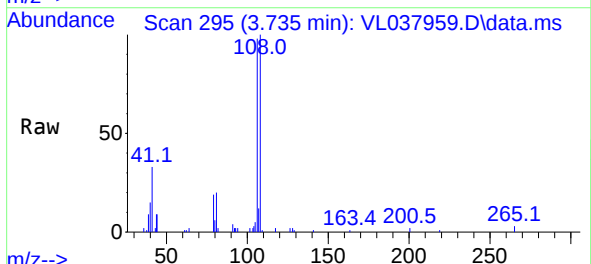
Manual Integrations
APPROVED

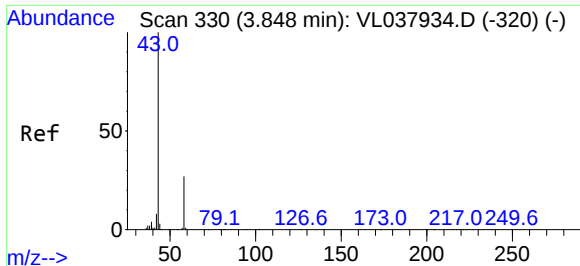
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Bromoethene
Concen: 0.480 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Tgt Ion:108 Resp: 30813
Ion Ratio Lower Upper
108 100
106 126.6 88.4 132.6
79 21.9 12.4 18.6





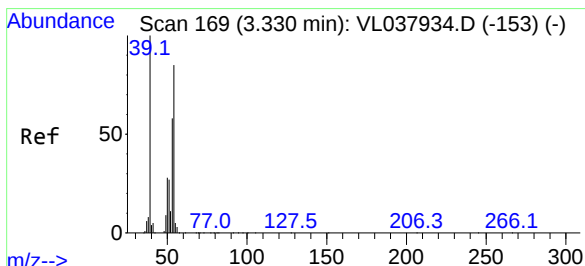
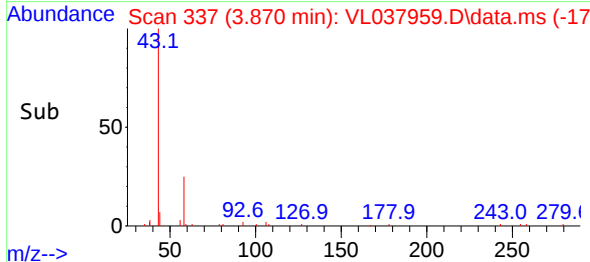
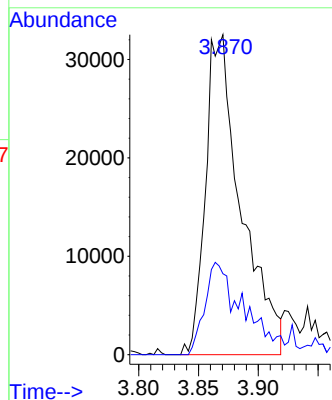
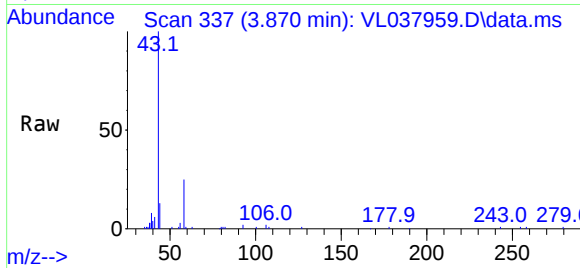
#15
Acetone
Concen: 0.607 ppbv m
RT: 3.870 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion: 43 Resp: 67304
Ion Ratio Lower Upper
43 100
58 32.8 23.3 34.9

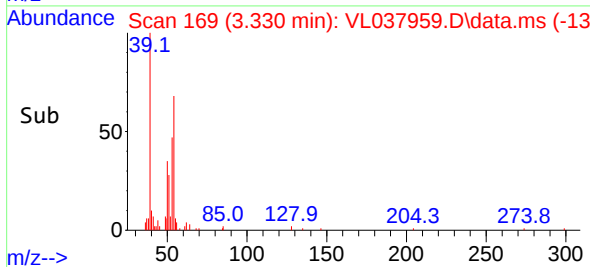
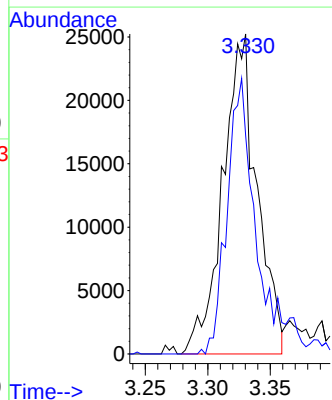
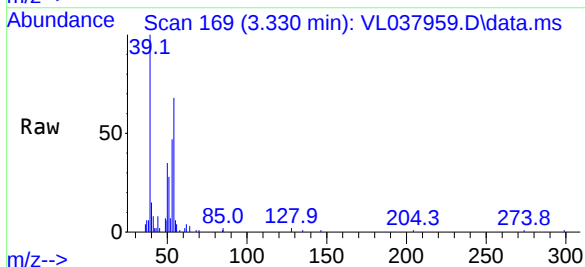
Manual Integrations
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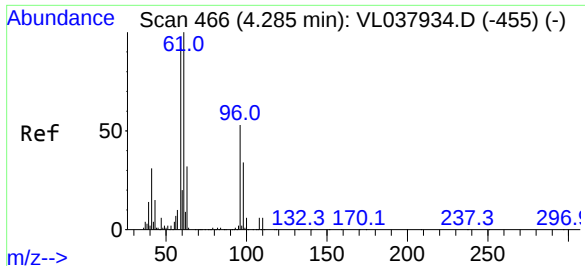
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
1,3-Butadiene
Concen: 0.549 ppbv m
RT: 3.330 min Scan# 169
Delta R.T. -0.000 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Tgt Ion: 39 Resp: 47938
Ion Ratio Lower Upper
39 100
54 75.8 62.6 93.8





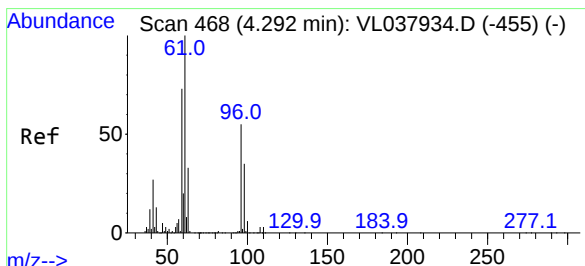
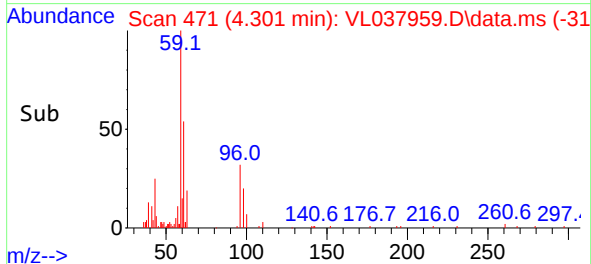
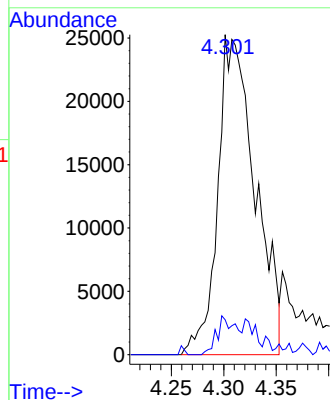
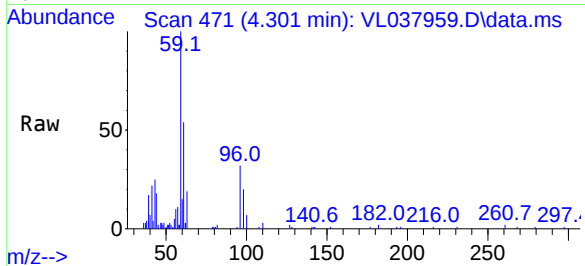
#17
tert-Butyl alcohol
Concen: 0.542 ppbv m
RT: 4.301 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion: 59 Resp: 6252
Ion Ratio Lower Upper
59 100
57 11.6 8.9 13.3

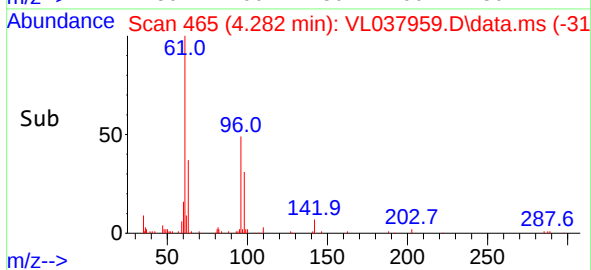
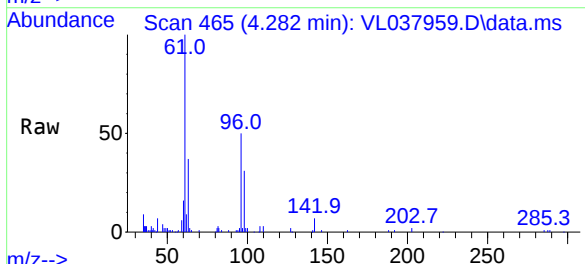
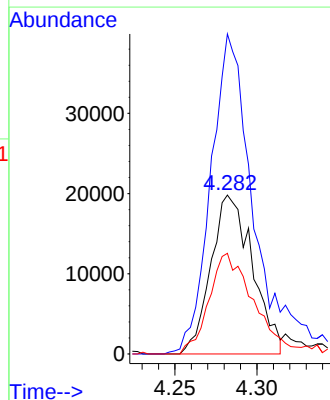
Manual Integrations
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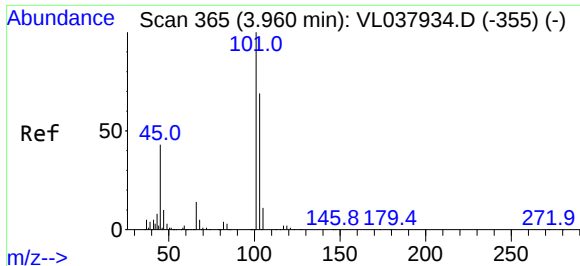
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18
1,1-Dichloroethene
Concen: 0.517 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

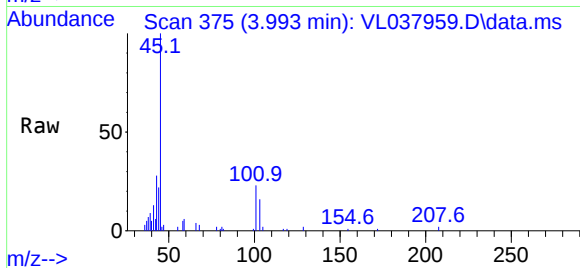
Tgt Ion: 96 Resp: 34904
Ion Ratio Lower Upper
96 100
61 198.3 144.3 216.5
98 63.4 50.5 75.7





#19
Isopropyl Alcohol
Concen: 0.576 ppbv m
RT: 3.993 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

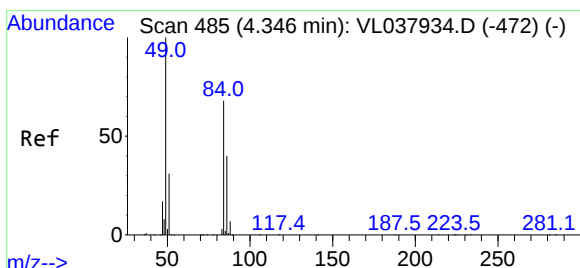
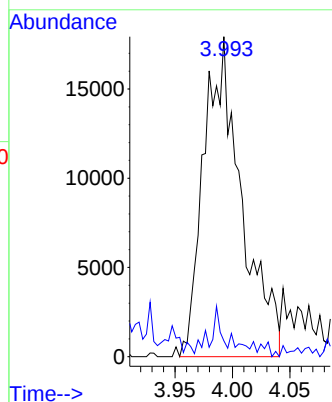
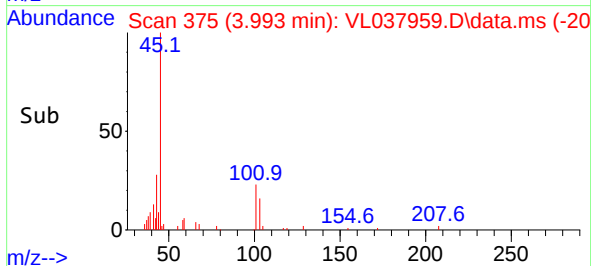
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



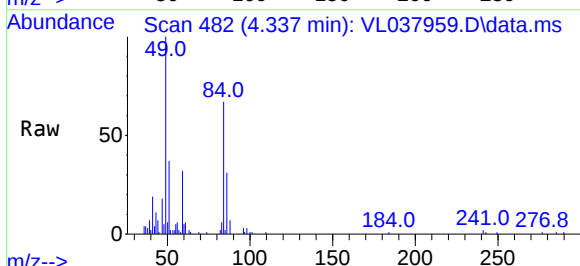
Tgt Ion: 45 Resp: 4084
Ion Ratio Lower Upper
45 100
58 0.0 4.0 6.0

Manual Integrations
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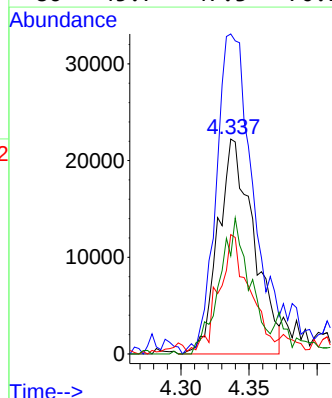
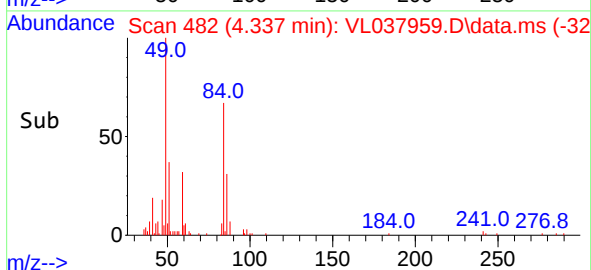
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

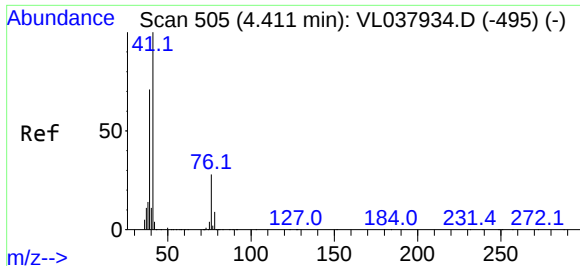


#20
Methylene Chloride
Concen: 0.662 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



Tgt Ion: 84 Resp: 40337
Ion Ratio Lower Upper
84 100
49 148.9 117.5 176.3
51 55.5 35.9 53.9#
86 45.7 47.3 70.9#





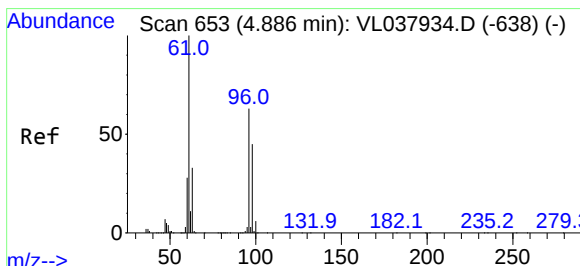
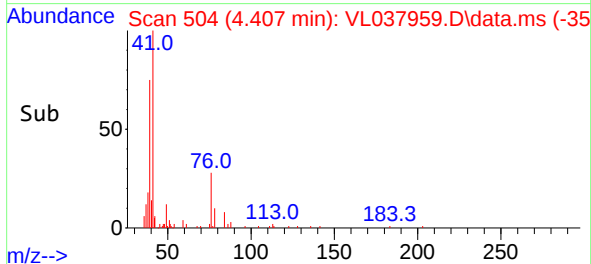
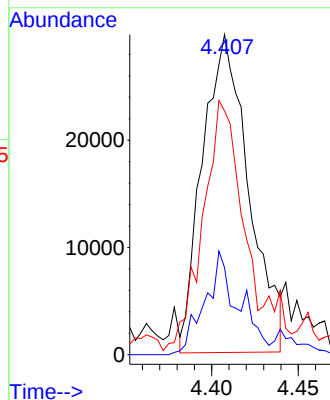
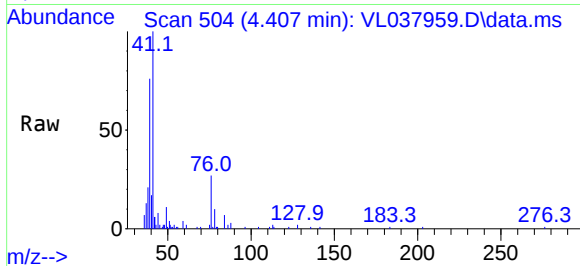
#21
 Allyl Chloride
 Concen: 0.540 ppbv
 RT: 4.407 min Scan# 505
 Delta R.T. -0.003 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021

Tgt Ion: 41 Resp: 5521
 Ion Ratio Lower Upper
 41 100
 76 28.6 23.6 35.4
 39 82.1 59.7 89.5

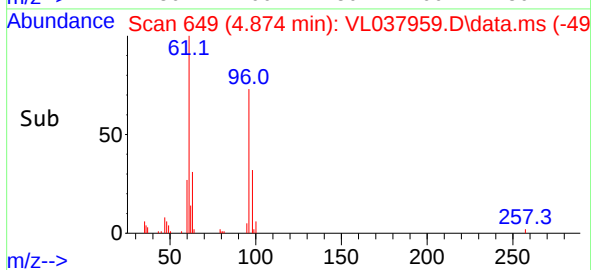
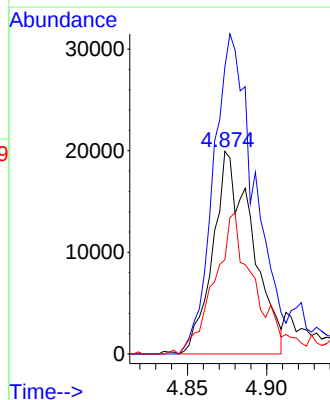
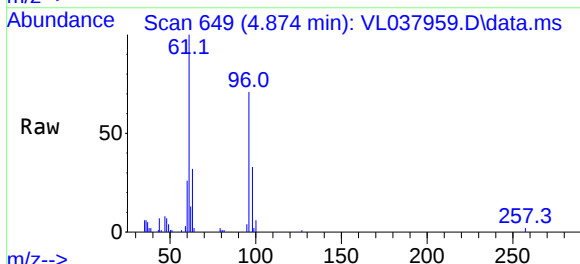
Manual Integrations
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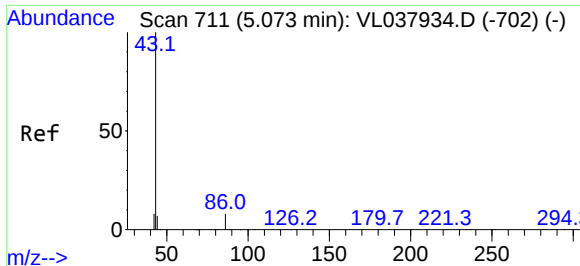
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.514 ppbv m
 RT: 4.874 min Scan# 649
 Delta R.T. -0.013 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43

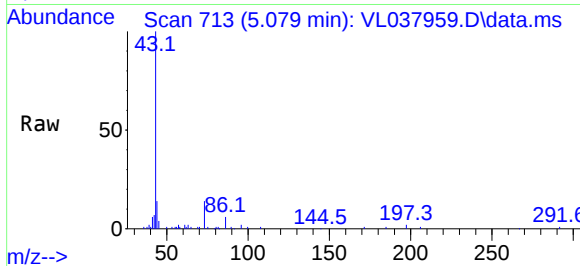
Tgt Ion: 96 Resp: 34494
 Ion Ratio Lower Upper
 96 100
 61 141.6 127.8 191.6
 98 46.5 56.9 85.3#





#23
 Vinyl Acetate
 Concen: 0.437 ppbv m
 RT: 5.079 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43

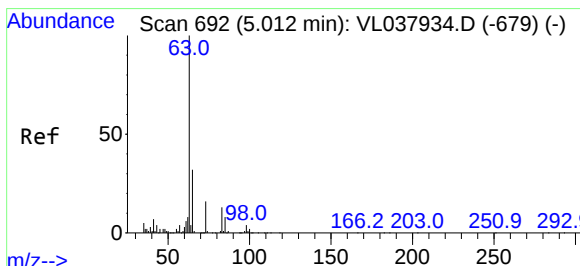
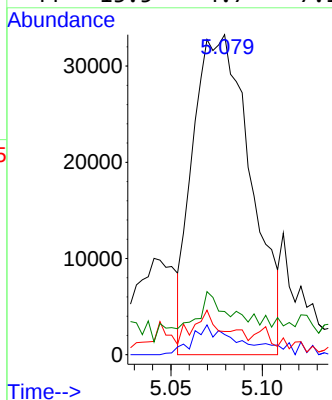
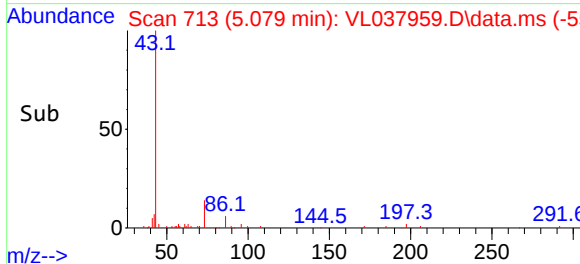
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



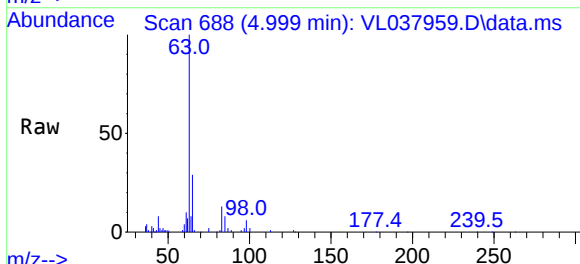
Tgt Ion: 43 Resp: 73029
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.5 8.3
 42 7.3 7.4 11.2
 44 13.5 4.7 7.1#

Manual Integrations
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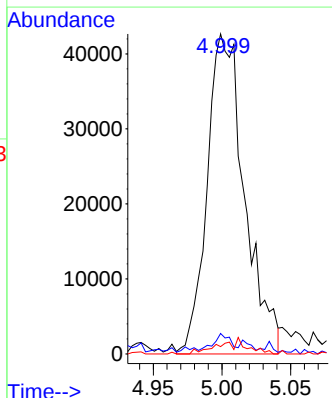
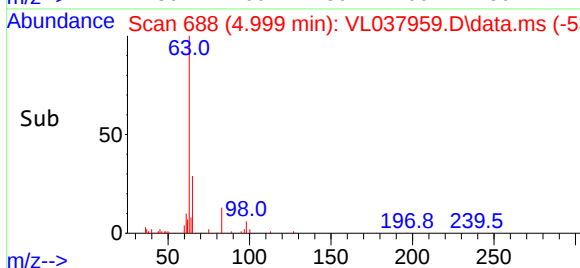
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

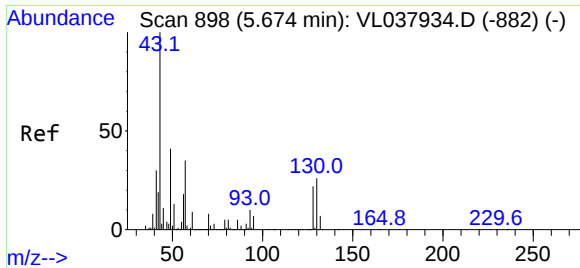


#24
 1,1-Dichloroethane
 Concen: 0.586 ppbv m
 RT: 4.999 min Scan# 688
 Delta R.T. -0.013 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43



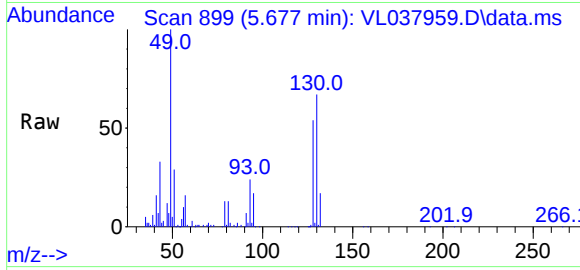
Tgt Ion: 63 Resp: 80810
 Ion Ratio Lower Upper
 63 100
 98 6.4 2.3 6.9
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 0.485 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument : MSVOA_L
ClientSampleId : VL037959.D
LOQ-AIR-02-QT4-2021

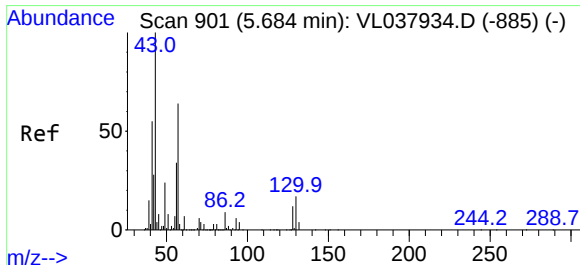
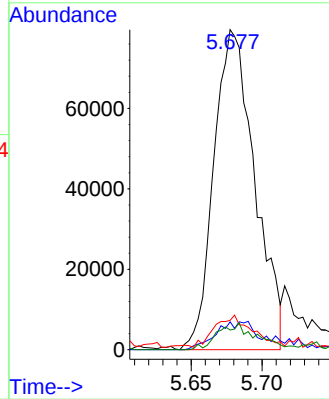
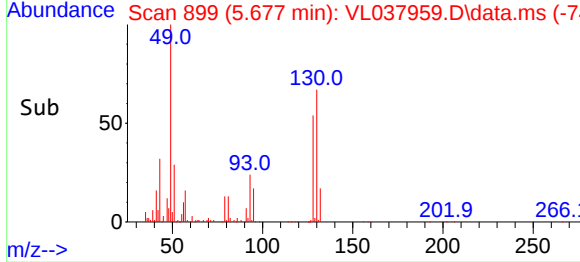


Tgt Ion: 43 Resp: 15986

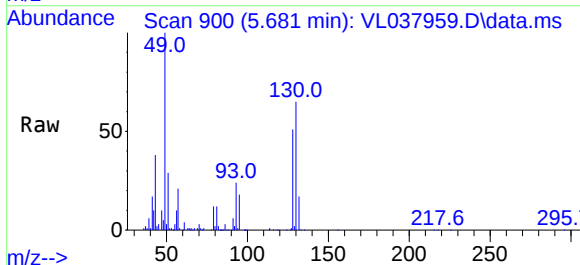
Ion	Ratio	Lower	Upper
43	100		
45	11.7	8.1	12.1
61	11.0	8.1	12.1
70	8.0	5.8	8.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

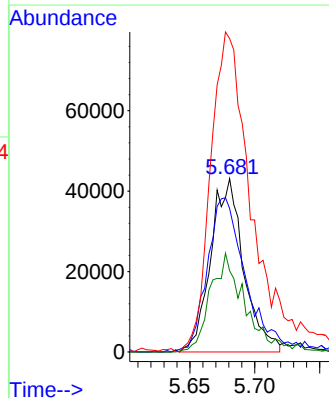
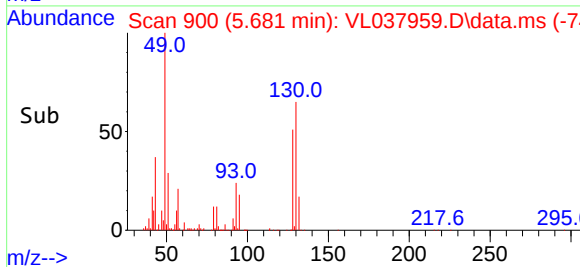


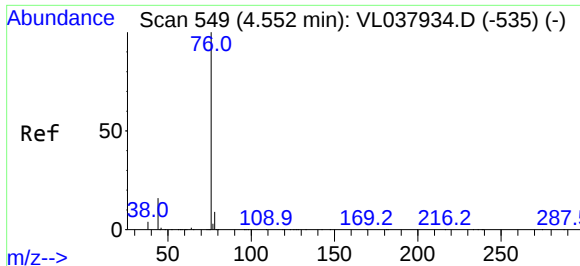
#26
Hexane
Concen: 0.488 ppbv m
RT: 5.681 min Scan# 900
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



Tgt Ion: 57 Resp: 76220

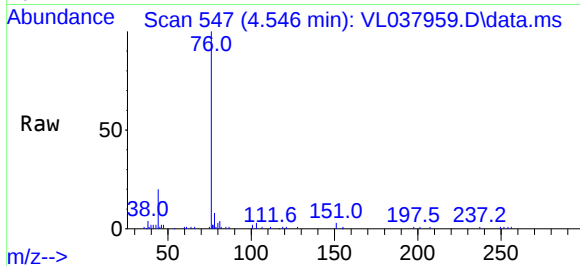
Ion	Ratio	Lower	Upper
57	100		
41	0.0	71.0	106.6#
43	0.0	173.0	259.6#
56	0.0	43.6	65.4#





#27
Carbon Disulfide
Concen: 0.426 ppbv m
RT: 4.546 min Scan# 54
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

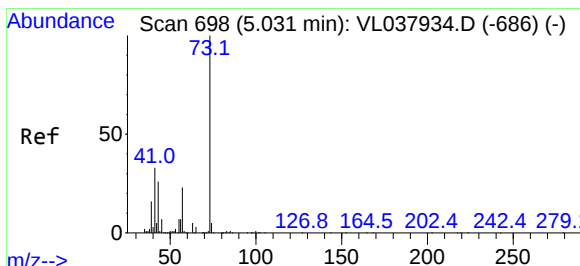
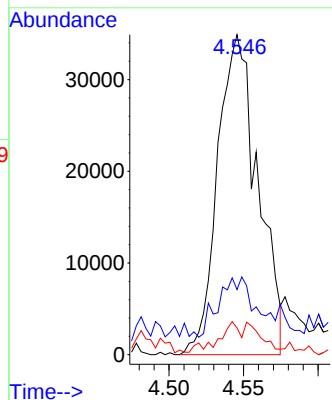
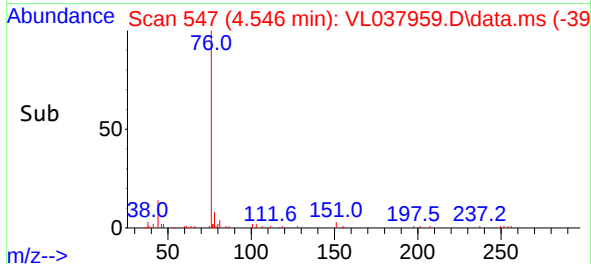
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



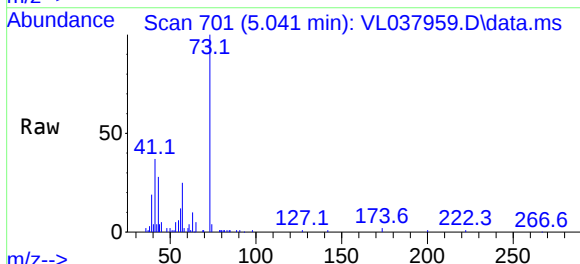
Tgt Ion: 76 Resp: 65570
Ion Ratio Lower Upper
76 100
44 24.4 13.2 19.8
78 12.1 7.2 10.8

Manual Integrations
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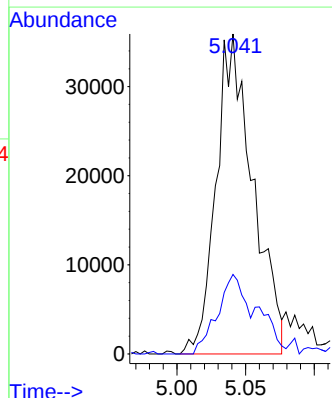
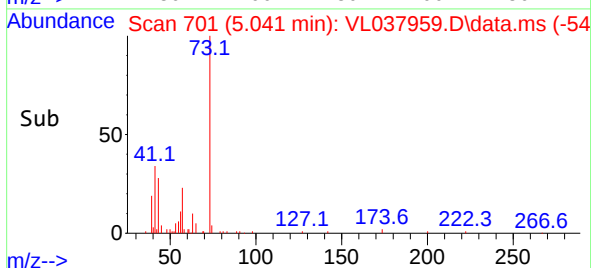
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

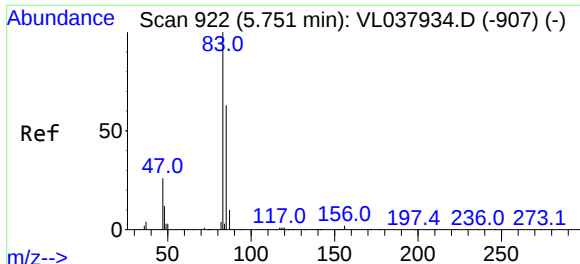


#28
Methyl tert-Butyl Ether
Concen: 0.508 ppbv m
RT: 5.041 min Scan# 701
Delta R.T. 0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



Tgt Ion: 73 Resp: 66711
Ion Ratio Lower Upper
73 100
57 29.0 20.1 30.1





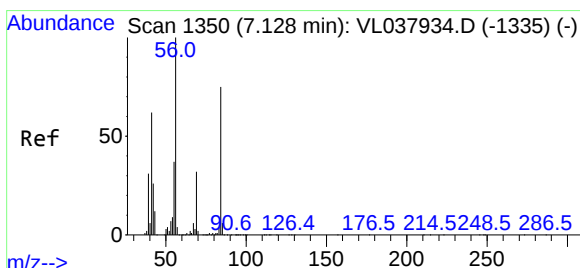
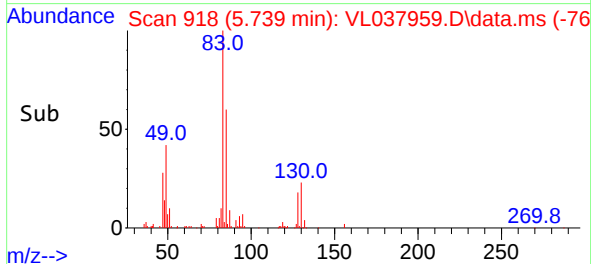
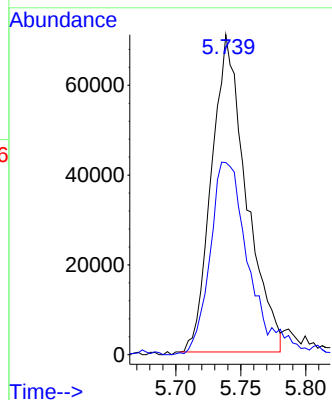
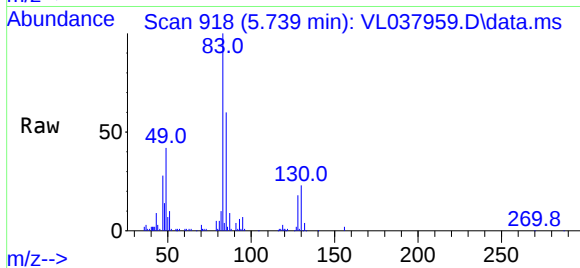
#29
Chloroform
Concen: 0.565 ppbv
RT: 5.739 min Scan# 918
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion: 83 Resp: 131560
Ion Ratio Lower Upper
83 100
85 60.0 50.6 76.0

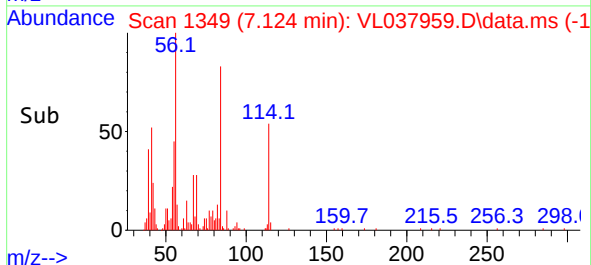
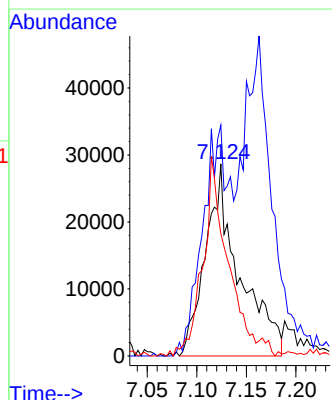
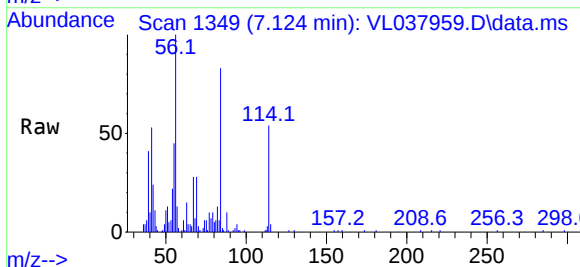
Manual Integrations
APPROVED

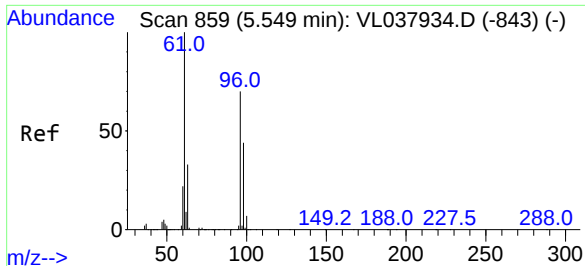
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#30
Cyclohexane
Concen: 0.509 ppbv m
RT: 7.124 min Scan# 1349
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Tgt Ion: 84 Resp: 67954
Ion Ratio Lower Upper
84 100
56 0.0 114.0 171.0#
41 78.2 68.3 102.5





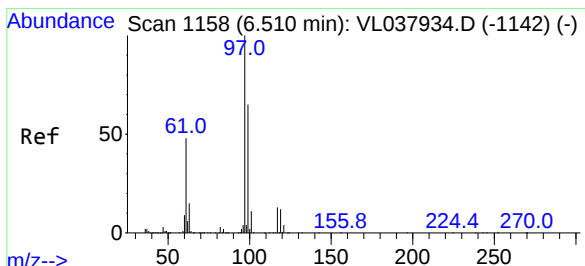
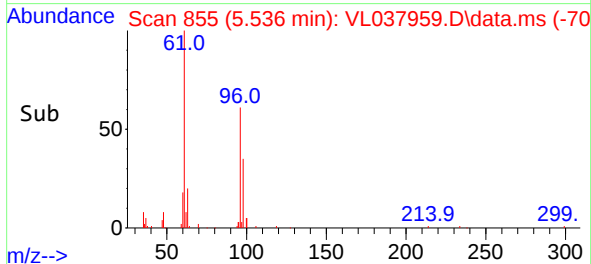
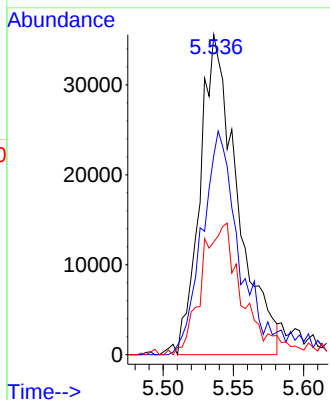
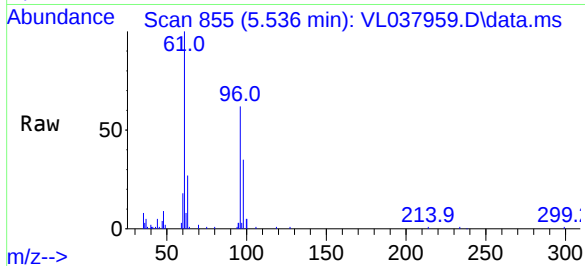
#31
cis-1,2-Dichloroethene
Concen: 0.462 ppbv m
RT: 5.536 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion: 61 Resp: 6575
Ion Ratio Lower Upper
61 100
96 62.2 55.6 83.4
98 35.2 34.9 52.3

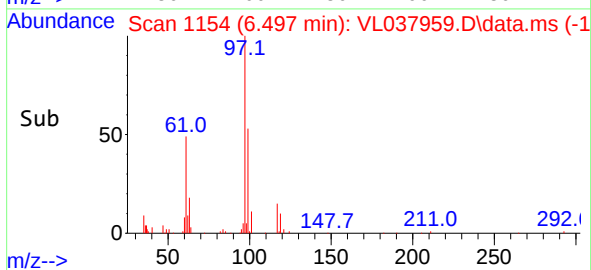
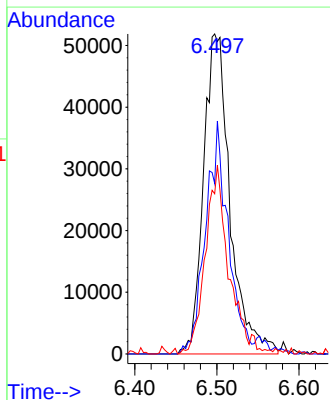
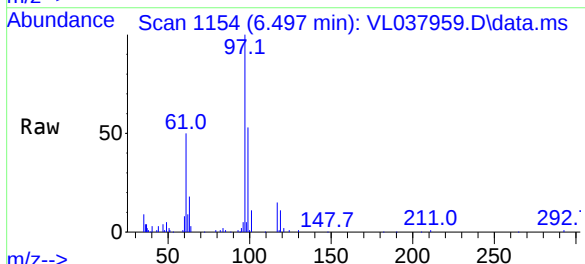
Manual Integrations
APPROVED

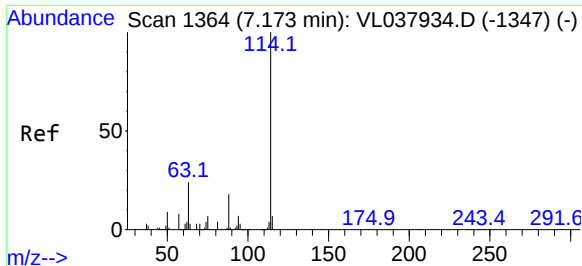
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 0.510 ppbv m
RT: 6.497 min Scan# 1154
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

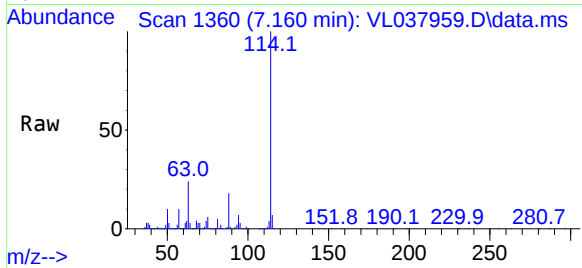
Tgt Ion: 97 Resp: 116721
Ion Ratio Lower Upper
97 100
99 0.0 52.2 78.4#
61 0.0 39.8 59.6#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

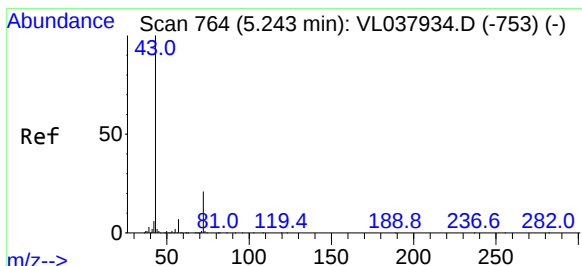
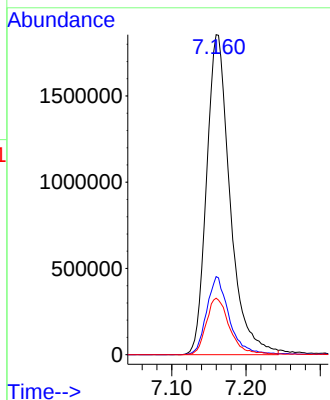
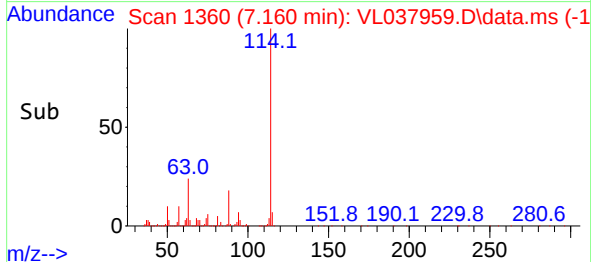
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion:114 Resp: 4072949
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.7 14.2 21.4

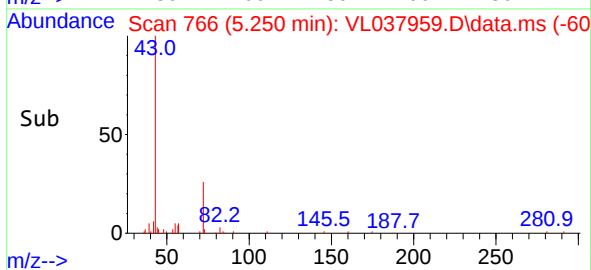
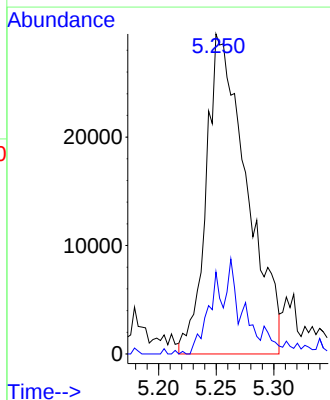
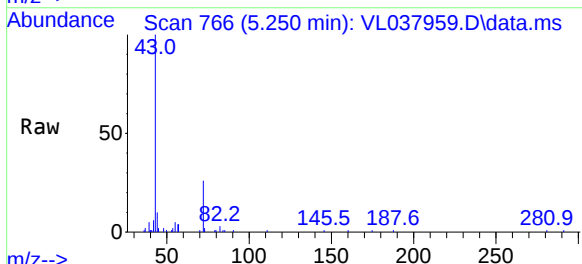
Manual Integrations
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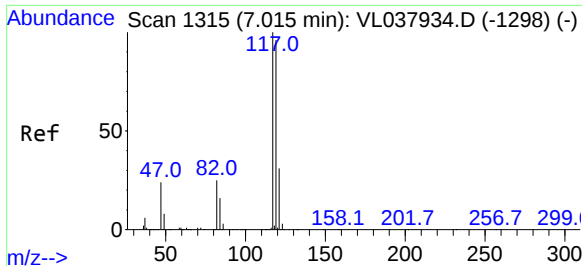
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
2-Butanone
Concen: 0.477 ppbv m
RT: 5.250 min Scan# 766
Delta R.T. 0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

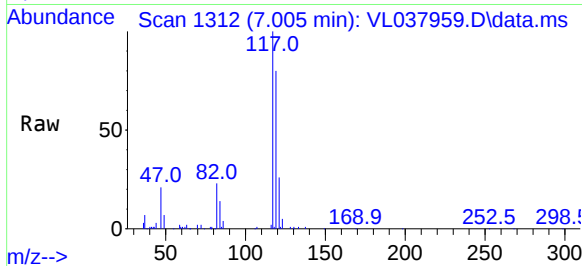
Tgt Ion: 43 Resp: 71974
Ion Ratio Lower Upper
43 100
72 24.1 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.475 ppbv
RT: 7.005 min Scan# 117019
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

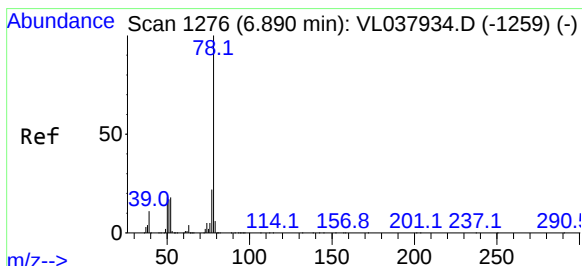
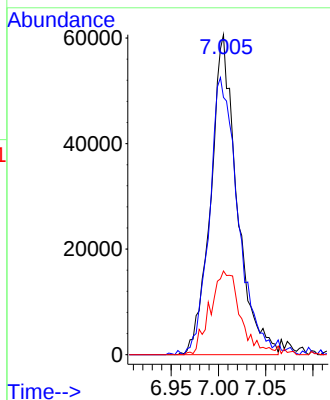
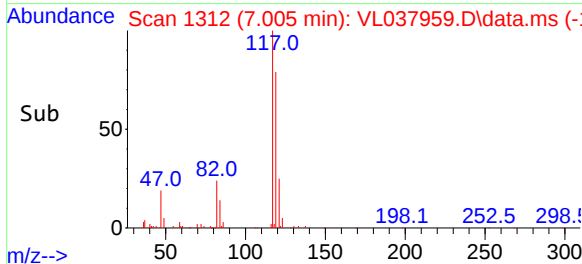
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



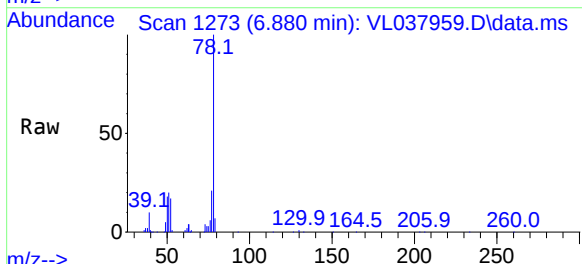
Tgt Ion: 117 Resp: 117019
Ion Ratio Lower Upper
117 100
119 79.1 76.6 114.8
121 26.1 25.1 37.7

Manual Integrations
APPROVED

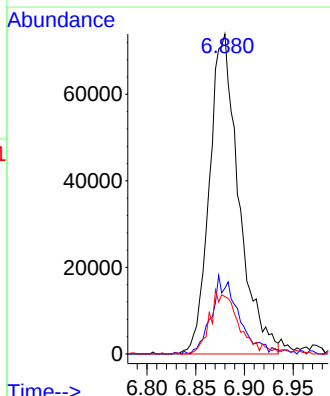
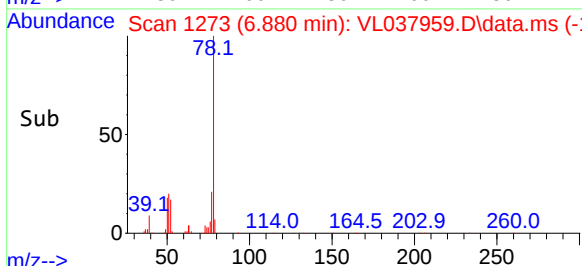
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

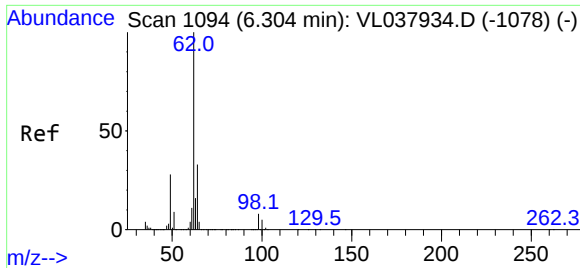


#36
Benzene
Concen: 0.467 ppbv
RT: 6.880 min Scan# 1273
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



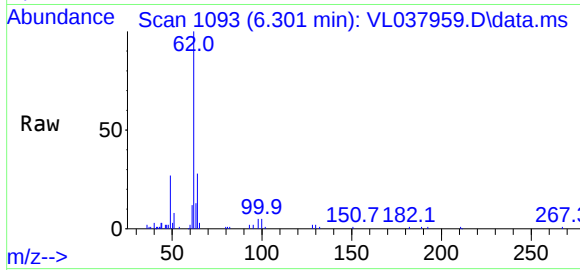
Tgt Ion: 78 Resp: 154899
Ion Ratio Lower Upper
78 100
77 20.4 17.9 26.9
50 17.7 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.476 ppbv m
RT: 6.301 min Scan# 1093
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

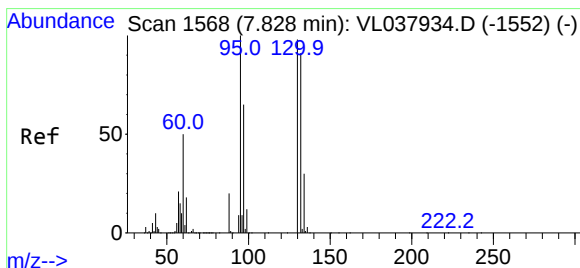
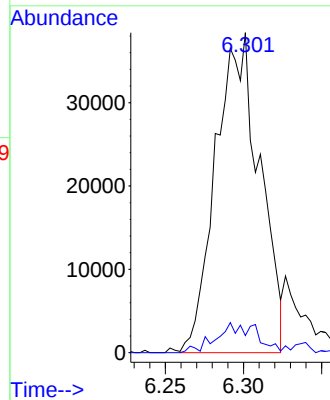
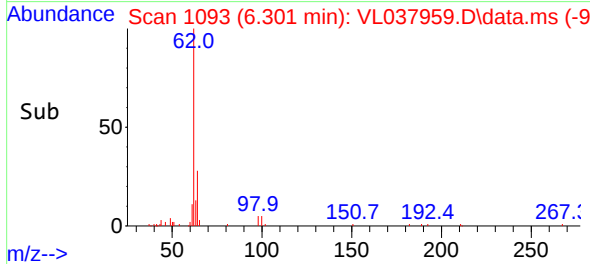
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 62 Resp: 74990
Ion Ratio Lower Upper
62 100
98 8.5 6.5 9.7

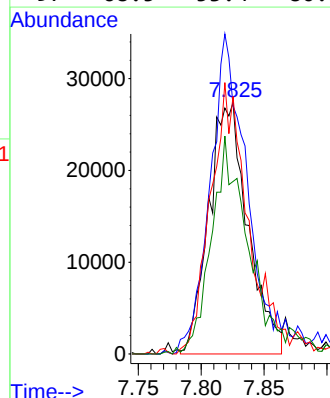
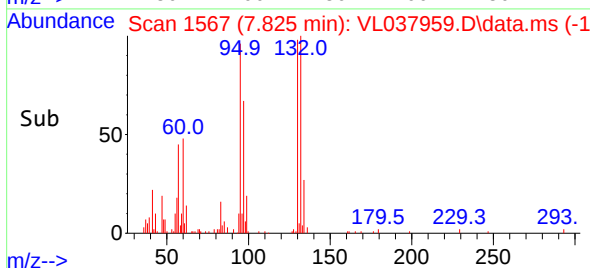
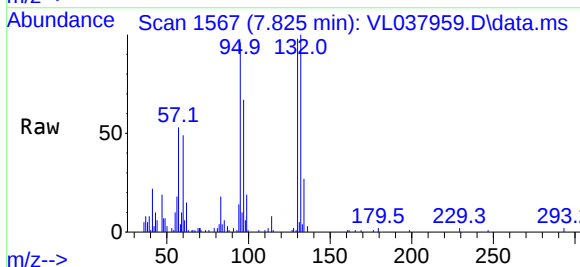
Manual Integrations
APPROVED

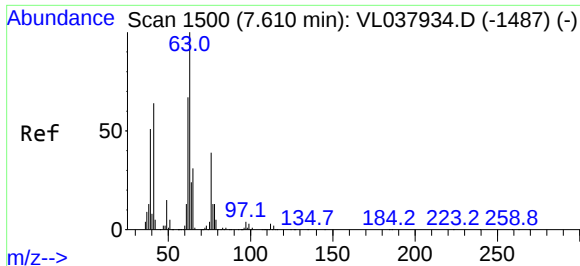
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Trichloroethene
Concen: 0.430 ppbv m
RT: 7.825 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

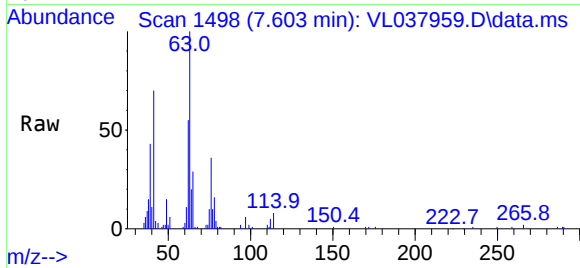
Tgt Ion:130 Resp: 59211
Ion Ratio Lower Upper
130 100
95 98.6 81.8 122.8
132 102.4 74.2 111.2
97 68.5 53.4 80.2





#39
1,2-Dichloropropane
Concen: 0.526 ppbv m
RT: 7.603 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

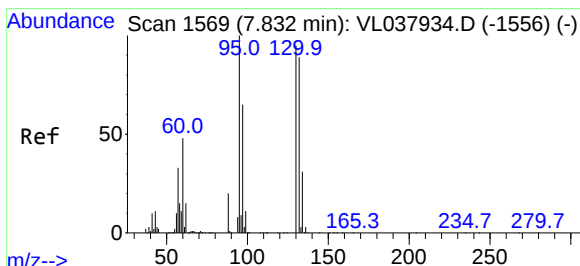
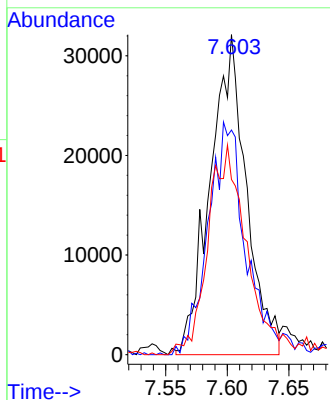
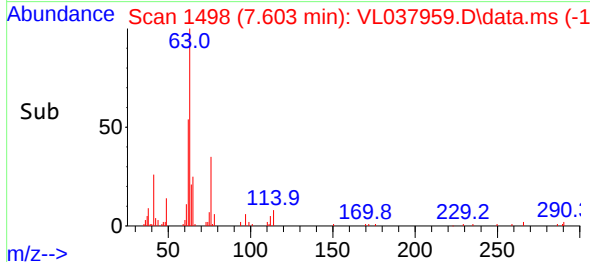
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



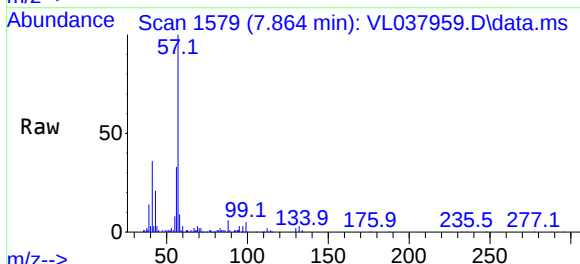
Tgt Ion: 63 Resp: 6563
Ion Ratio Lower Upper
63 100
41 70.2 51.6 77.4
62 54.8 53.5 80.3

Manual Integrations
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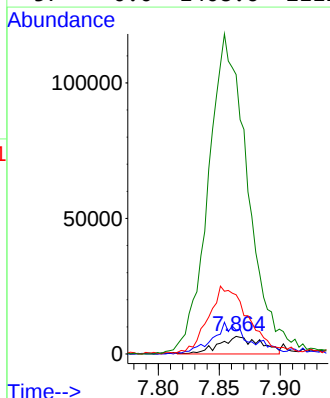
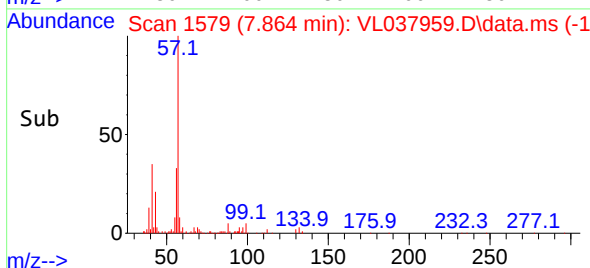
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

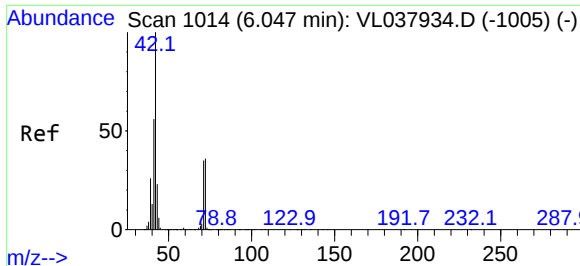


#40
1,4-Dioxane
Concen: 0.467 ppbv m
RT: 7.864 min Scan# 1579
Delta R.T. 0.032 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



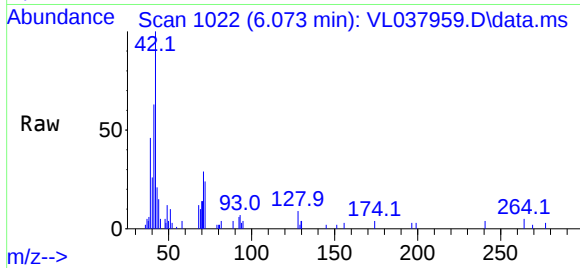
Tgt Ion: 88 Resp: 15335
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 0.371 ppbv m
RT: 6.073 min Scan# 1014
Delta R.T. 0.026 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

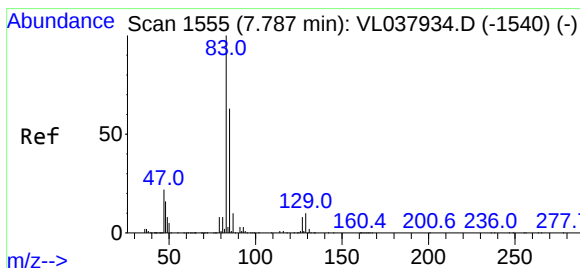
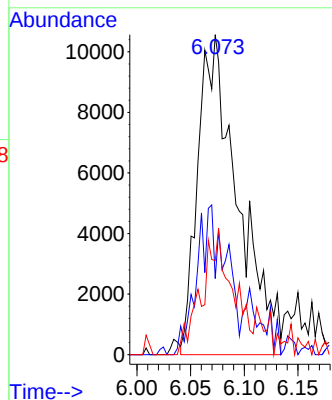
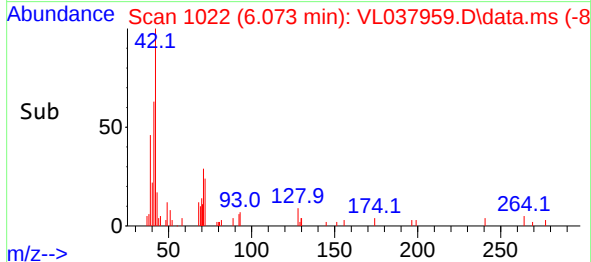
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 42 Resp: 2739
Ion Ratio Lower Upper
42 100
72 0.0 31.5 47.3
71 0.0 30.5 45.7

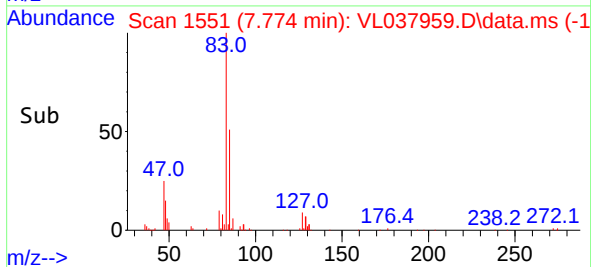
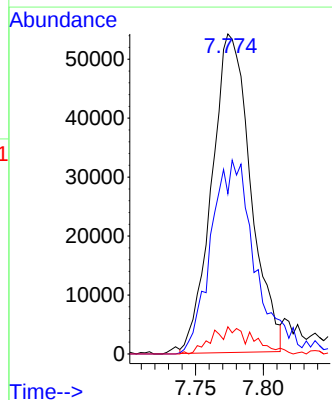
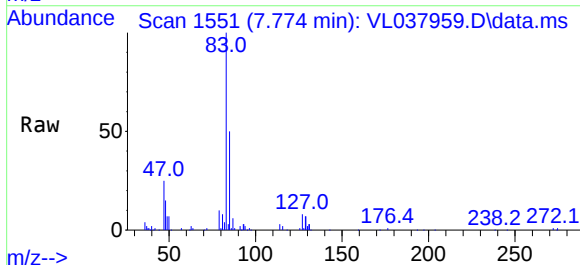
Manual Integrations
APPROVED

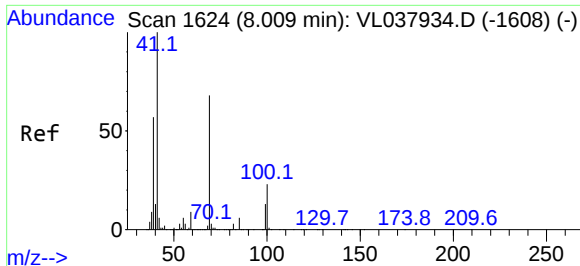
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Bromodichloromethane
Concen: 0.453 ppbv
RT: 7.774 min Scan# 1551
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

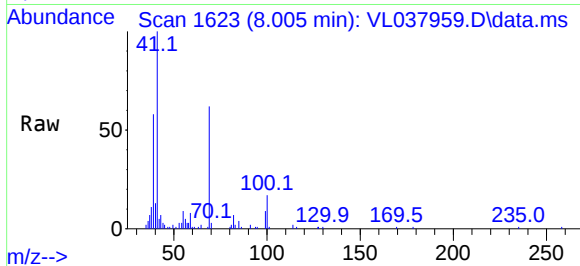
Tgt Ion: 83 Resp: 108086
Ion Ratio Lower Upper
83 100
85 50.5 50.1 75.1
127 8.6 6.1 9.1





#43
Methyl Methacrylate
Concen: 0.394 ppbv m
RT: 8.005 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

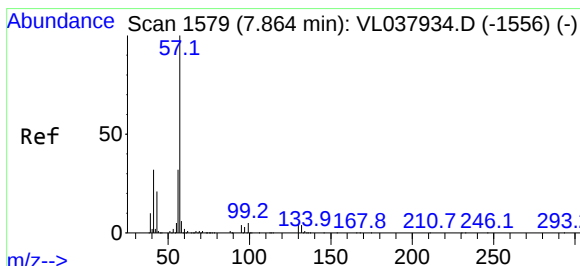
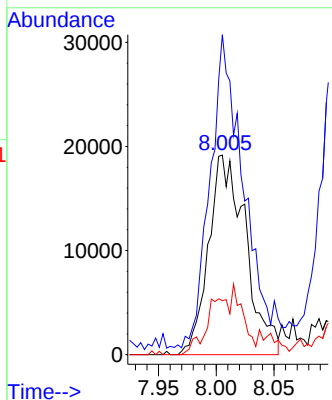
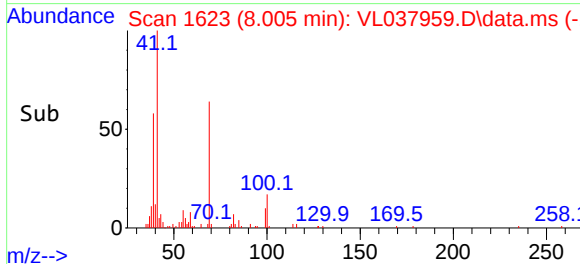
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



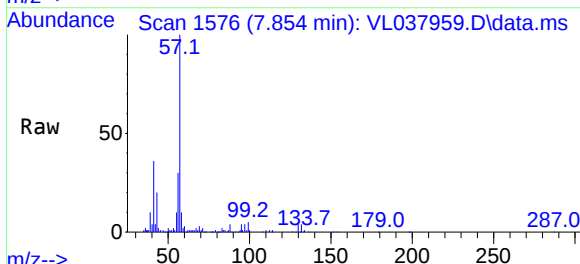
Tgt Ion: 69 Resp: 42910
Ion Ratio Lower Upper
69 100
41 146.3 117.4 176.2
100 0.0 27.8 41.6

Manual Integrations
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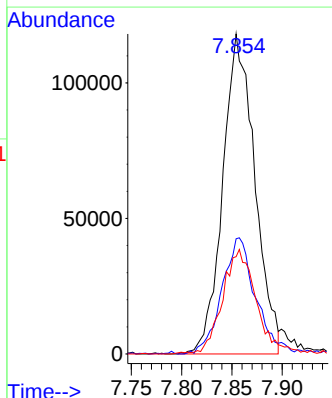
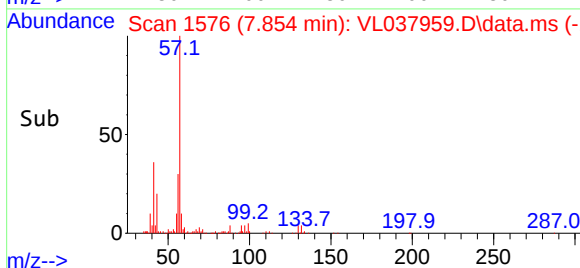
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

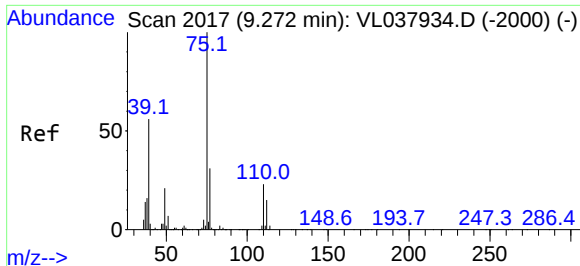


#44
2,2,4-Trimethylpentane
Concen: 0.464 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



Tgt Ion: 57 Resp: 261668
Ion Ratio Lower Upper
57 100
41 38.8 25.8 38.8
56 34.7 25.9 38.9





#45

t-1,3-Dichloropropene

Concen: 0.333 ppbv m

RT: 9.262 min Scan# 2017

Delta R.T. -0.010 min

Lab File: VL037959.D

Acq: 2 Nov 2021 4:43

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

Tgt Ion: 75 Resp: 26658

Ion Ratio Lower Upper

75 100

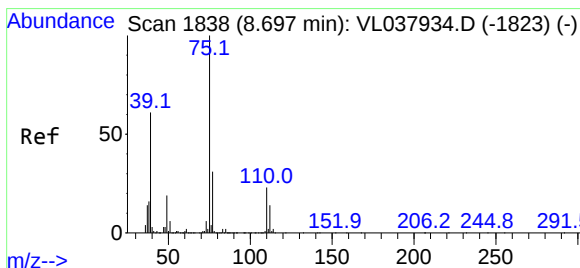
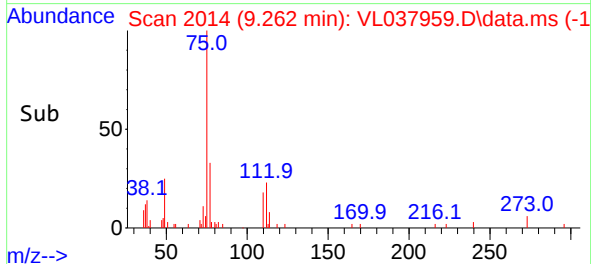
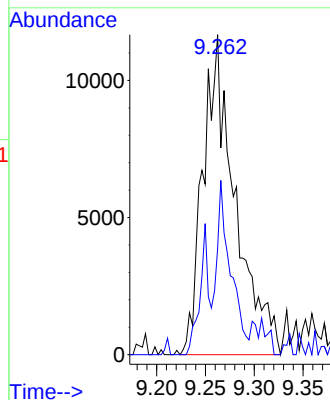
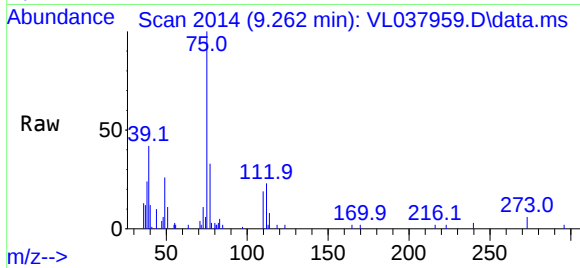
77 33.2 25.2 37.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#46

cis-1,3-Dichloropropene

Concen: 0.346 ppbv m

RT: 8.687 min Scan# 1835

Delta R.T. -0.010 min

Lab File: VL037959.D

Acq: 2 Nov 2021 4:43

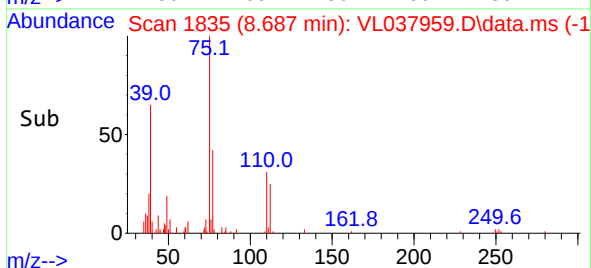
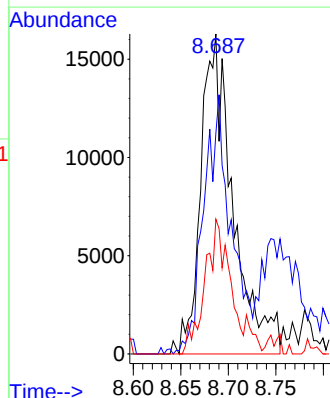
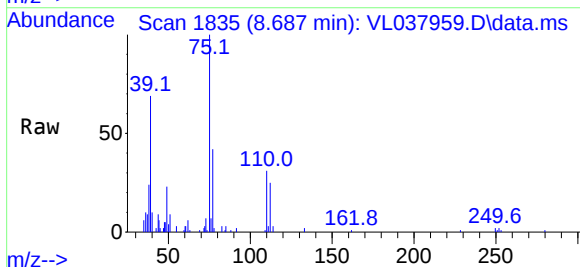
Tgt Ion: 75 Resp: 38056

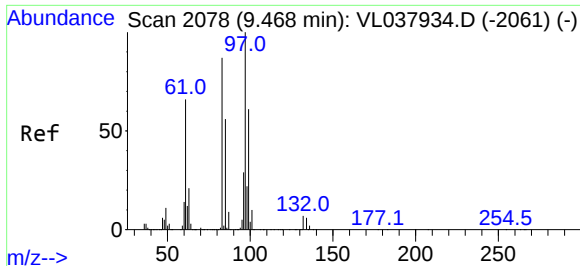
Ion Ratio Lower Upper

75 100

39 69.0 48.8 73.2

77 42.1 24.6 36.8#





#47
1,1,2-Trichloroethane
Concen: 0.503 ppbv m
RT: 9.459 min Scan# 2075
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

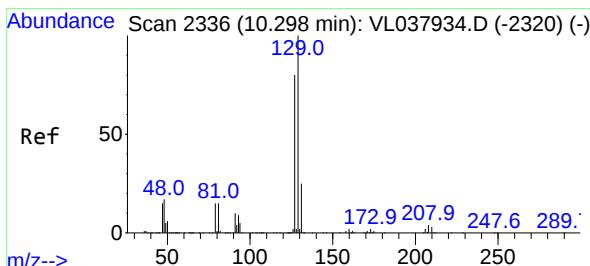
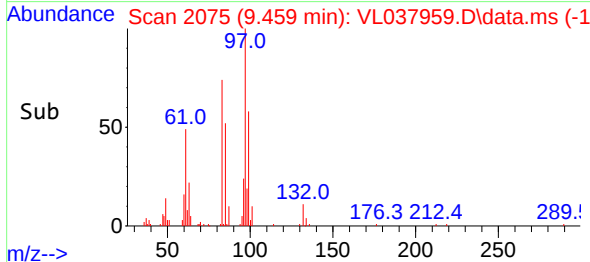
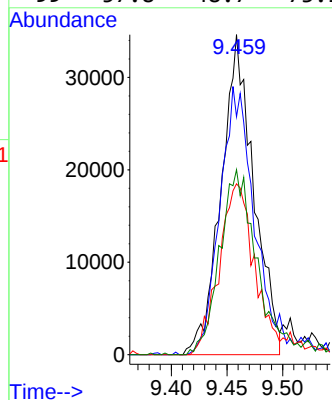
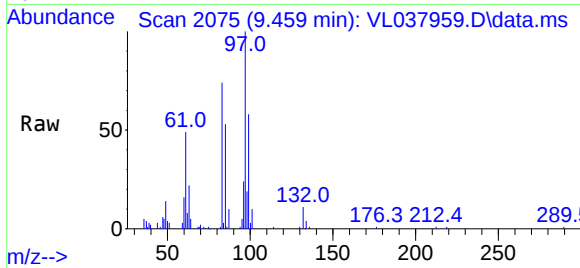
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion: 97 Resp: 7054

Ion	Ratio	Lower	Upper
97	100		
83	74.4	69.4	104.2
85	53.4	45.0	67.6
99	57.8	48.7	73.1

Manual Integrations
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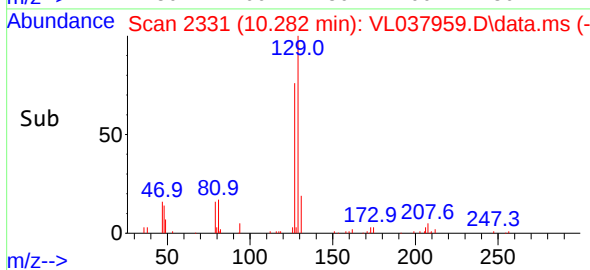
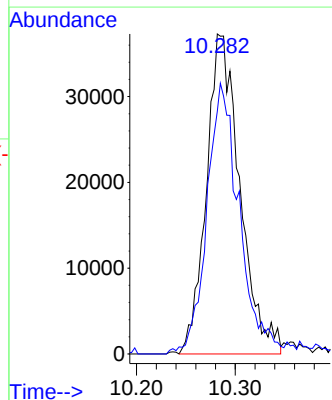
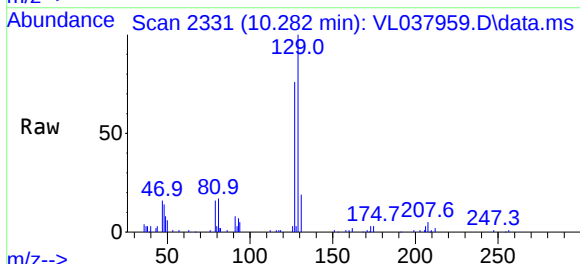
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

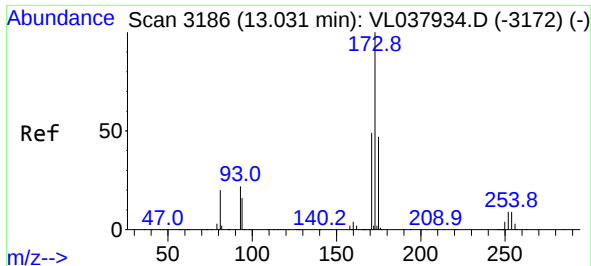


#48
Dibromochloromethane
Concen: 0.443 ppbv m
RT: 10.282 min Scan# 2331
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Tgt Ion:129 Resp: 87925

Ion	Ratio	Lower	Upper
129	100		
127	84.3	40.3	120.9





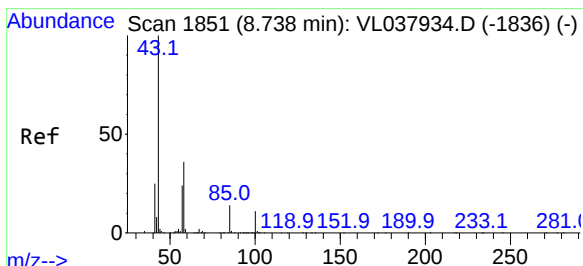
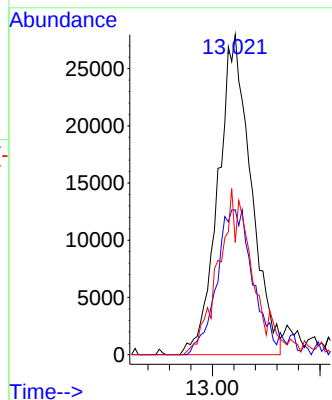
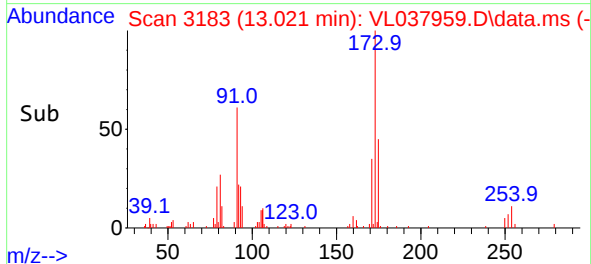
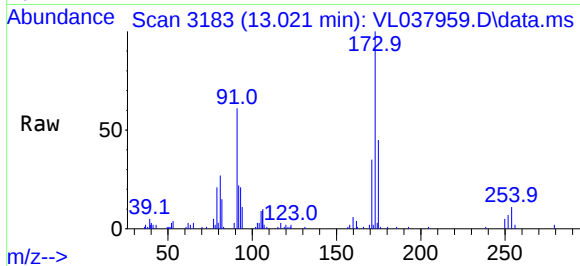
#49
Bromoform
Concen: 0.380 ppbv
RT: 13.021 min Scan# 3183
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion:173 Resp: 59654
Ion Ratio Lower Upper
173 100
175 52.0 39.5 59.3
171 55.9 43.6 65.4

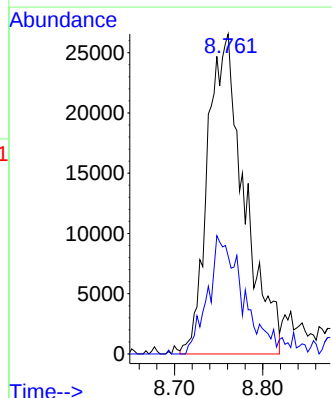
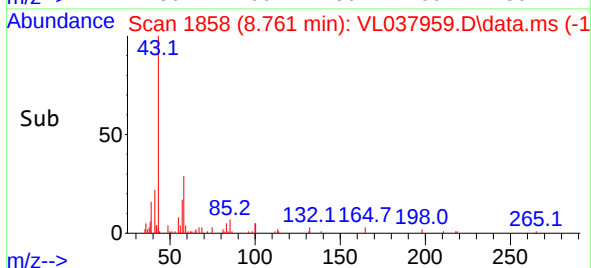
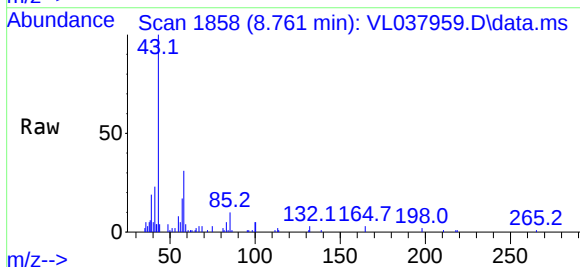
Manual Integrations
APPROVED

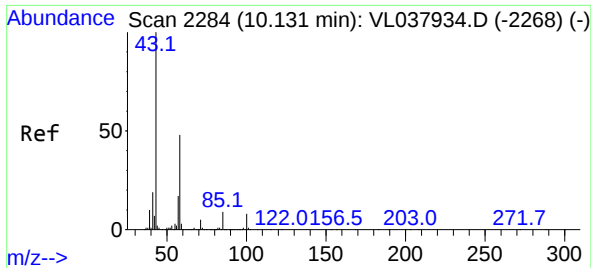
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50
4-Methyl-2-Pentanone
Concen: 0.386 ppbv m
RT: 8.761 min Scan# 1858
Delta R.T. 0.022 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

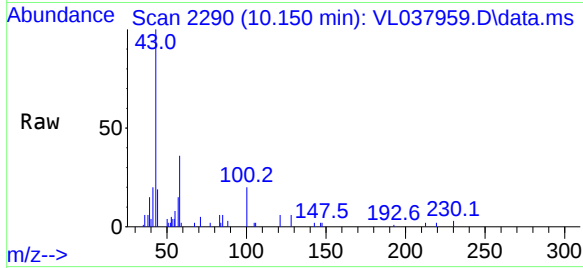
Tgt Ion: 43 Resp: 76450
Ion Ratio Lower Upper
43 100
58 37.4 28.8 43.2





#51
2-Hexanone
Concen: 0.357 ppbv m
RT: 10.150 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

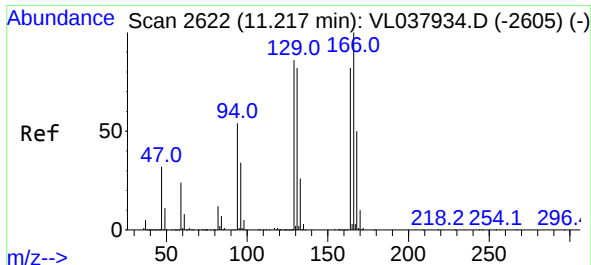
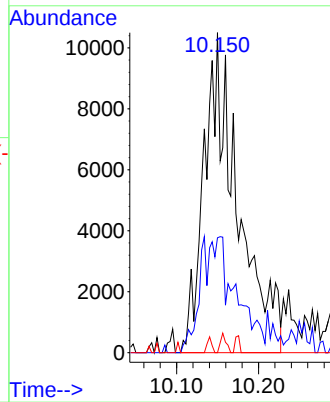
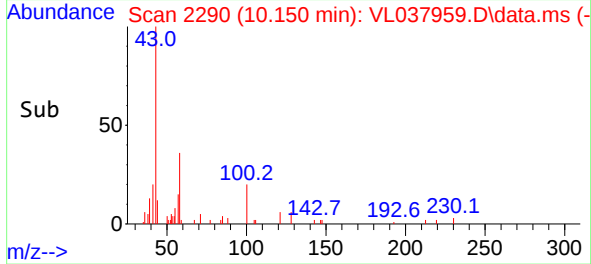
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



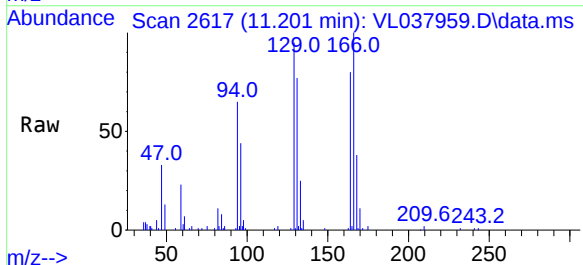
Tgt Ion: 43 Resp: 29818
Ion Ratio Lower Upper
43 100
58 0.0 38.6 57.8
98 0.0 1.0 1.4

Manual Integrations
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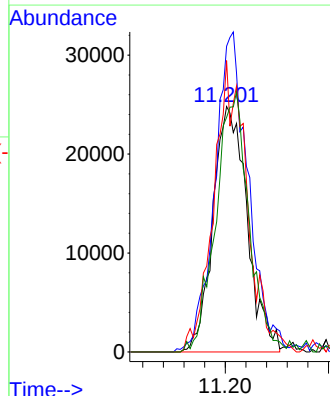
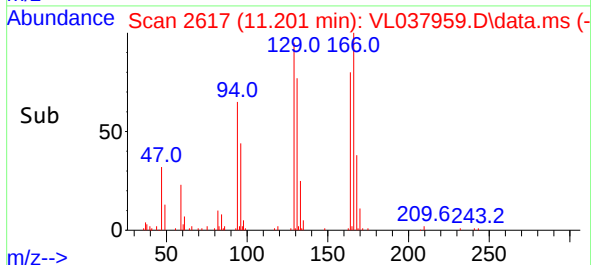
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

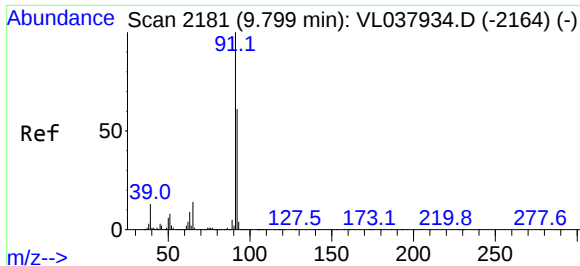


#52
Tetrachloroethene
Concen: 0.453 ppbv m
RT: 11.201 min Scan# 2617
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



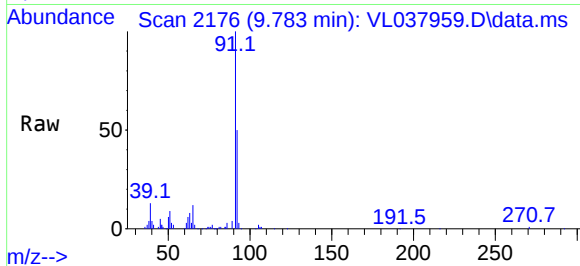
Tgt Ion:164 Resp: 57039
Ion Ratio Lower Upper
164 100
166 124.6 97.6 146.4
129 118.7 84.2 126.2
131 95.5 79.6 119.4





#53
Toluene
Concen: 0.390 ppbv m
RT: 9.783 min Scan# 2181
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

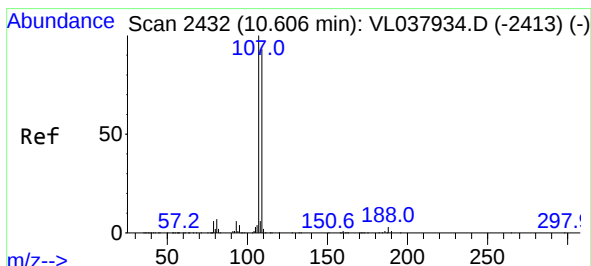
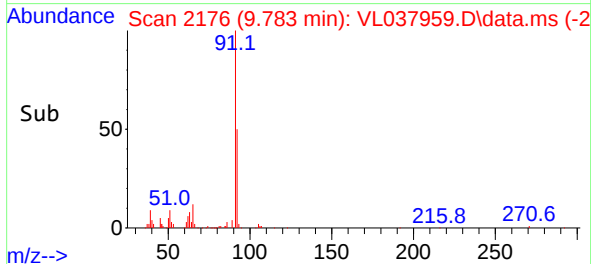
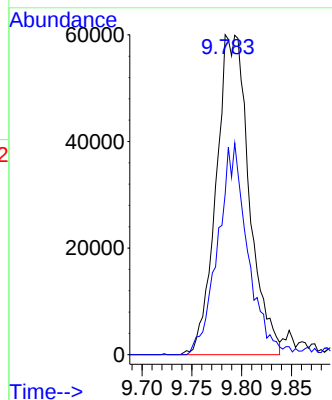
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 91 Resp: 138590
Ion Ratio Lower Upper
91 100
92 0.0 48.2 72.4

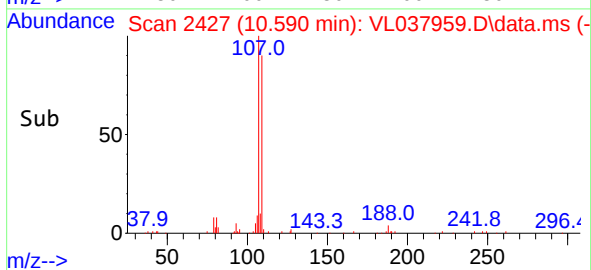
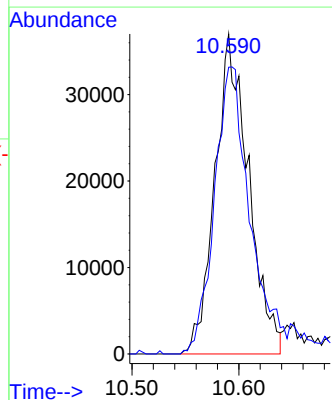
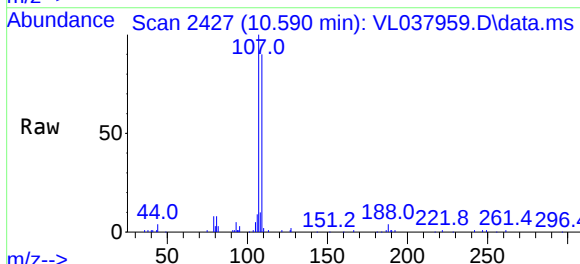
Manual Integrations
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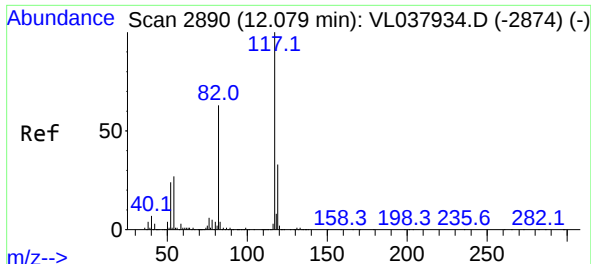
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#54
1,2-Dibromoethane
Concen: 0.445 ppbv m
RT: 10.590 min Scan# 2427
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Tgt Ion:107 Resp: 80440
Ion Ratio Lower Upper
107 100
109 89.6 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

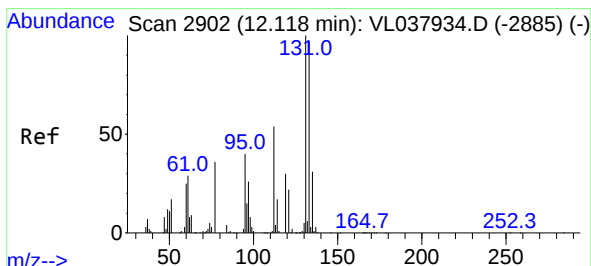
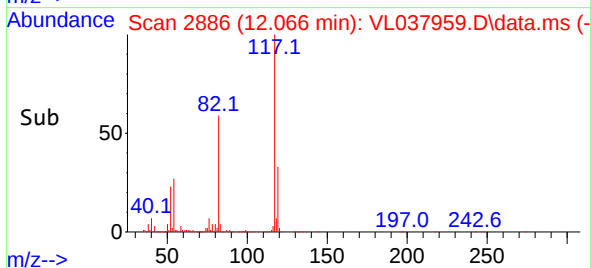
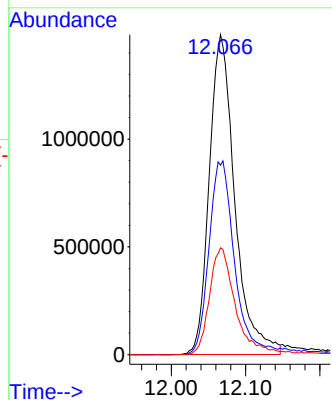
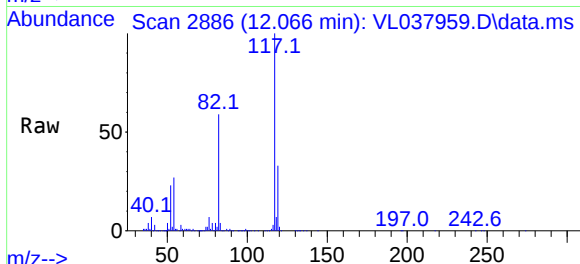
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion:117 Resp: 3543534

Ion	Ratio	Lower	Upper
117	100		
82	63.1	51.0	76.6
119	35.3	26.9	40.3

Manual Integrations
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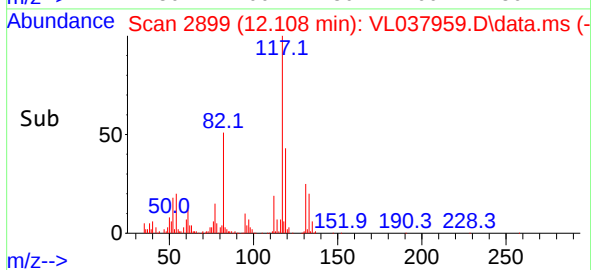
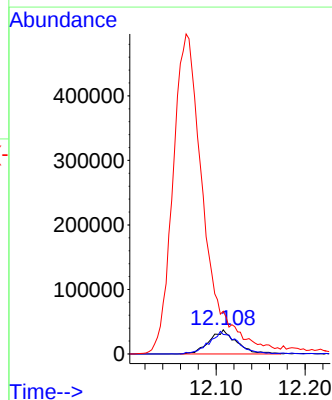
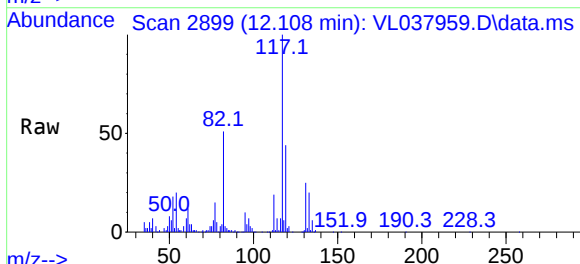
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

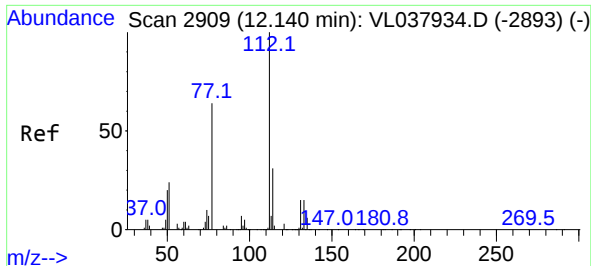


#56
1,1,1,2-Tetrachloroethane
Concen: 0.552 ppbv m
RT: 12.108 min Scan# 2899
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Tgt Ion:131 Resp: 78923

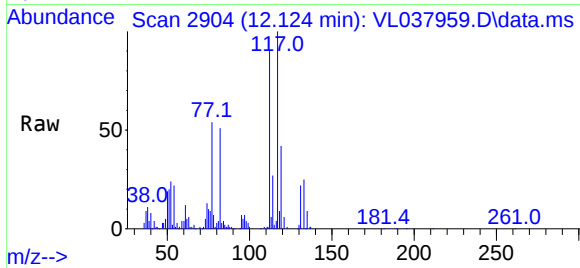
Ion	Ratio	Lower	Upper
131	100		
133	95.7	79.6	119.4
119	0.0	125.4	188.2#





#57
Chlorobenzene
Concen: 0.569 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

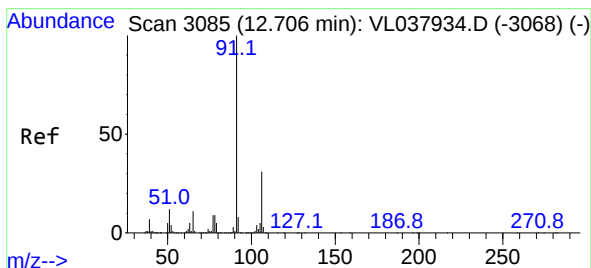
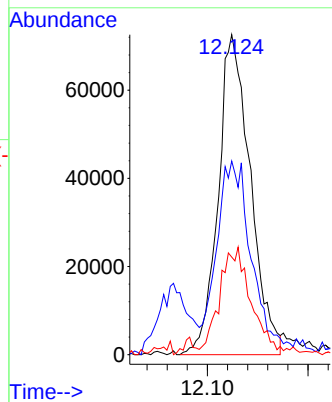
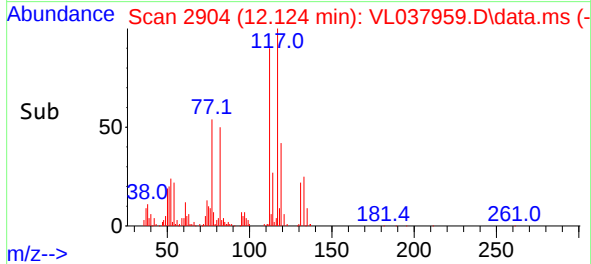
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



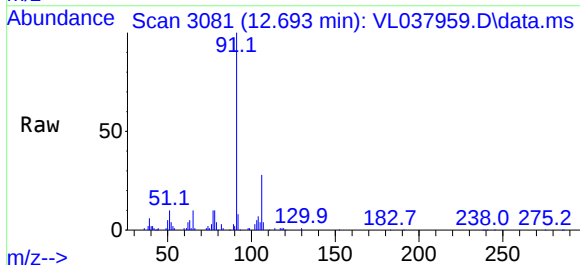
Tgt Ion:112 Resp: 160919
Ion Ratio Lower Upper
112 100
77 55.4 51.1 76.7
114 28.6 27.9 34.1

Manual Integrations
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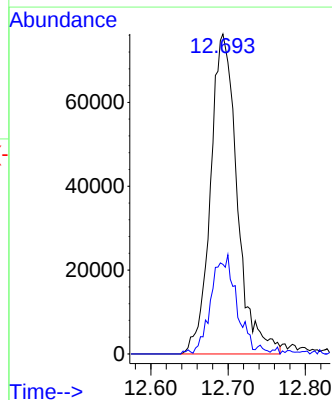
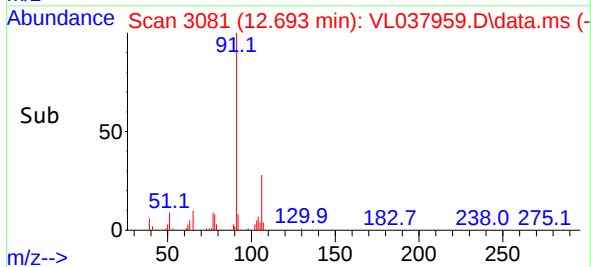
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

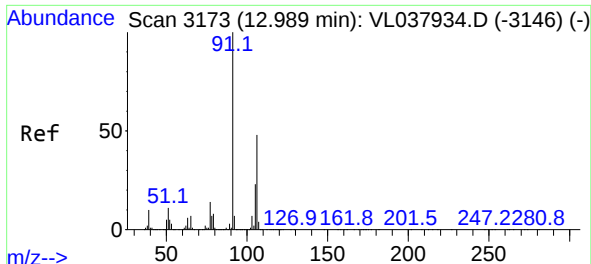


#58
Ethyl Benzene
Concen: 0.424 ppbv m
RT: 12.693 min Scan# 3081
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



Tgt Ion: 91 Resp: 183614
Ion Ratio Lower Upper
91 100
106 28.0 25.1 37.7





#59

m/p-Xylene

Concen: 0.937 ppbv m

RT: 12.973 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL037959.D

Acq: 2 Nov 2021 4:43

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

Tgt Ion: 91 Resp: 360960

Ion Ratio Lower Upper

91 100

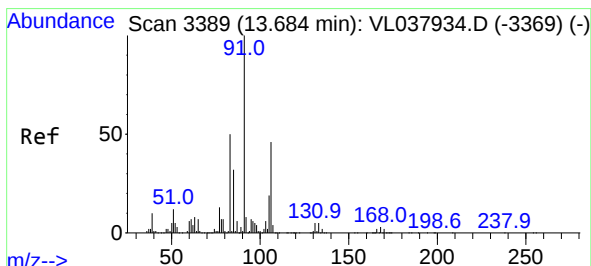
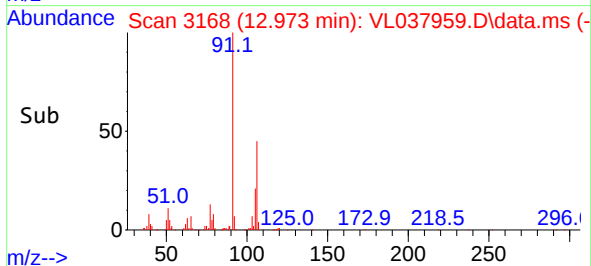
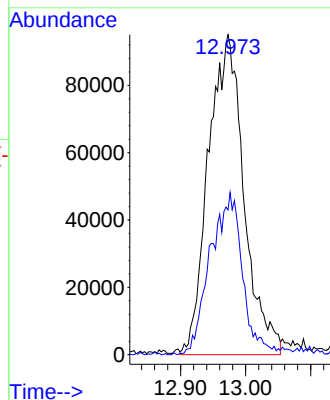
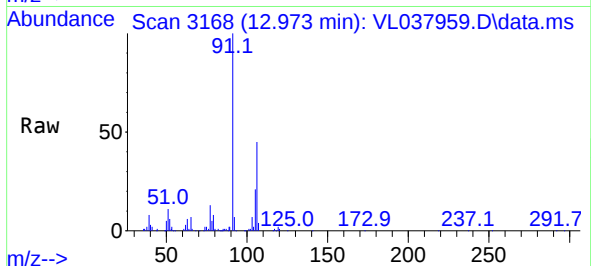
106 46.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#60

o-Xylene

Concen: 0.459 ppbv

RT: 13.674 min Scan# 3386

Delta R.T. -0.010 min

Lab File: VL037959.D

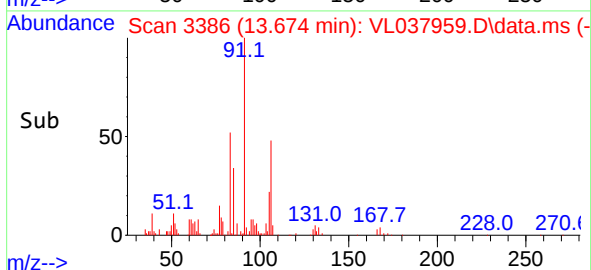
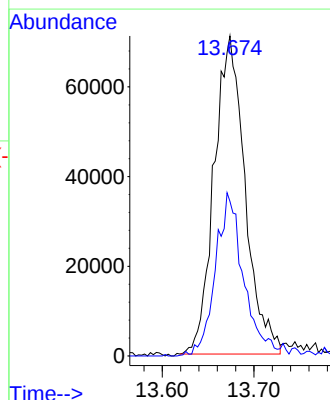
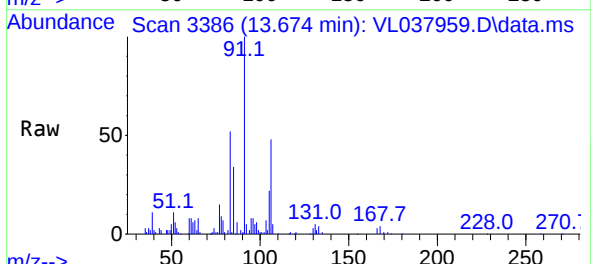
Acq: 2 Nov 2021 4:43

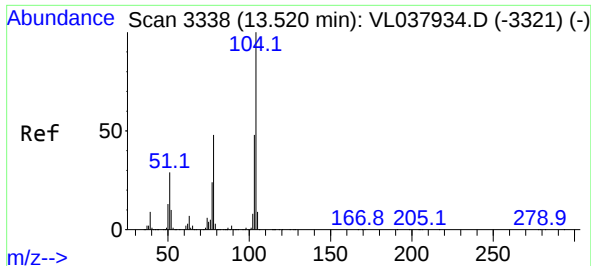
Tgt Ion: 91 Resp: 166814

Ion Ratio Lower Upper

91 100

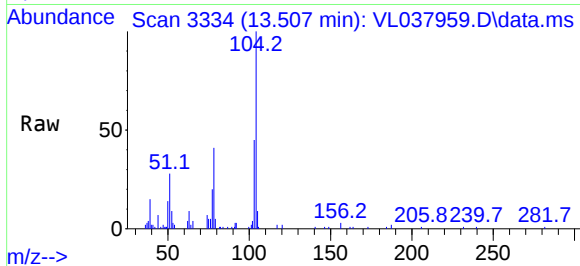
106 46.9 23.5 70.6





#61
Styrene
Concen: 0.314 ppbv m
RT: 13.507 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

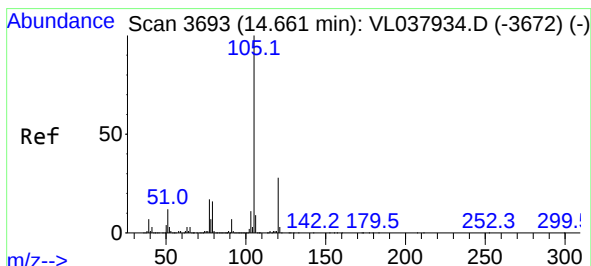
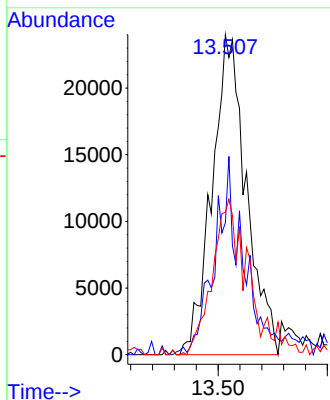
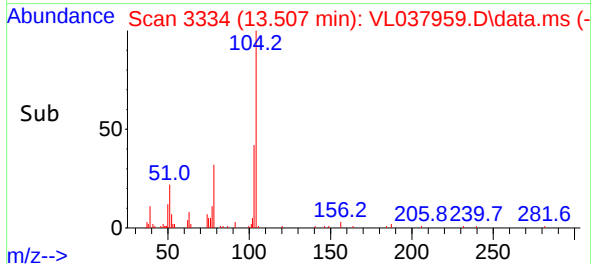
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



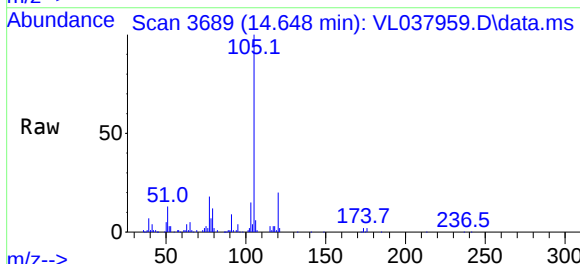
Tgt Ion:104 Resp: 52324
Ion Ratio Lower Upper
104 100
78 57.2 39.3 58.9
103 51.5 39.6 59.4

Manual Integrations
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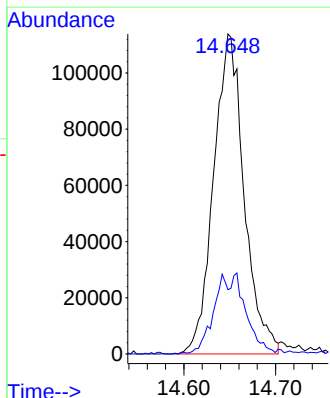
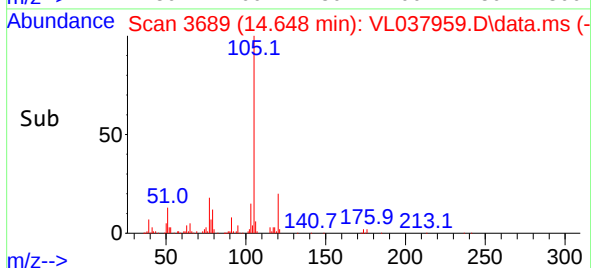
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

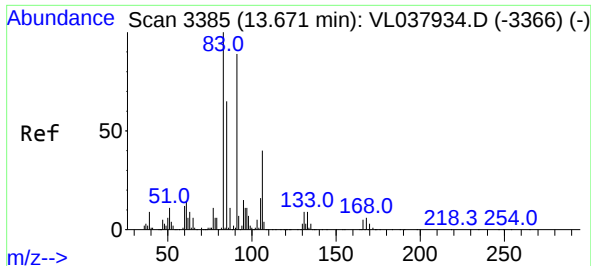


#62
Isopropylbenzene
Concen: 0.511 ppbv
RT: 14.648 min Scan# 3689
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



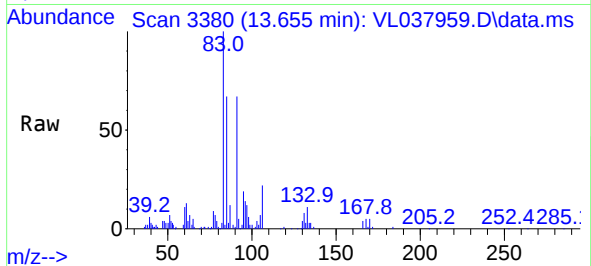
Tgt Ion:105 Resp: 262878
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.515 ppbv m
RT: 13.655 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

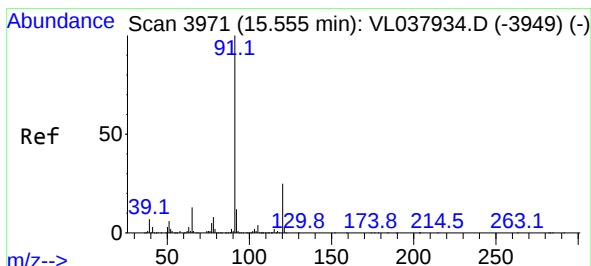
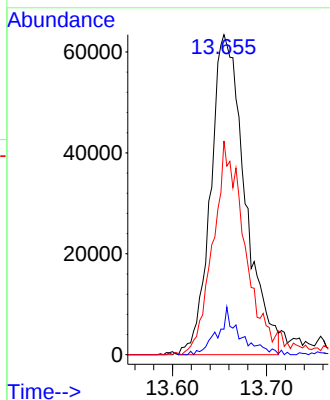
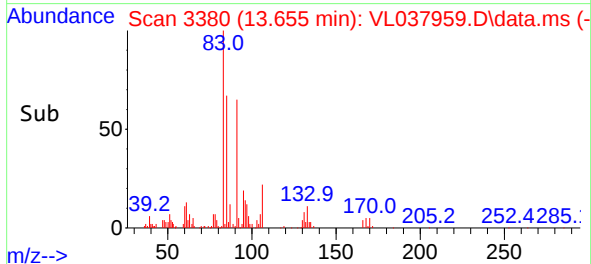
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



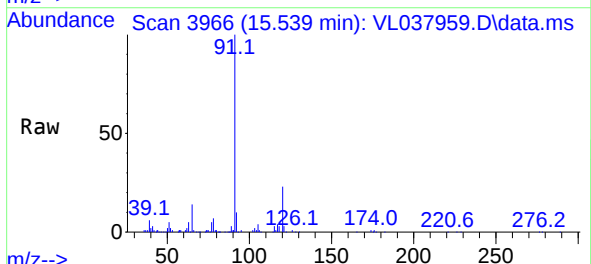
Tgt Ion: 83 Resp: 16084
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 65.9 32.5 97.5

Manual Integrations
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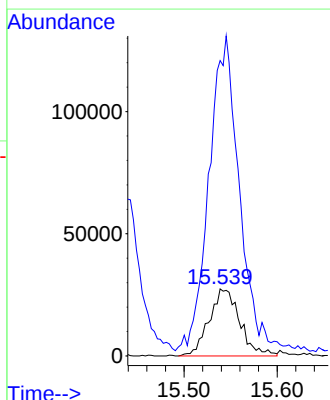
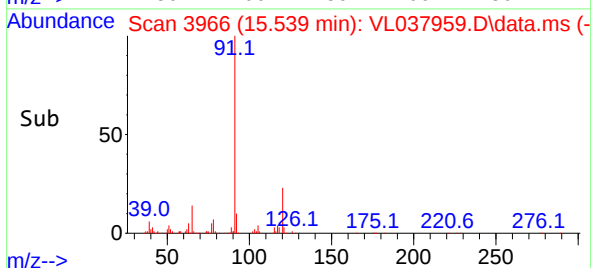
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

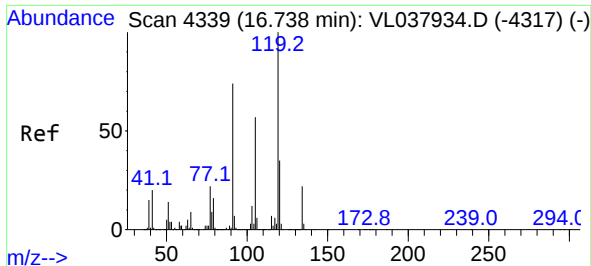


#64
n-propylbenzene
Concen: 0.476 ppbv m
RT: 15.539 min Scan# 3966
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



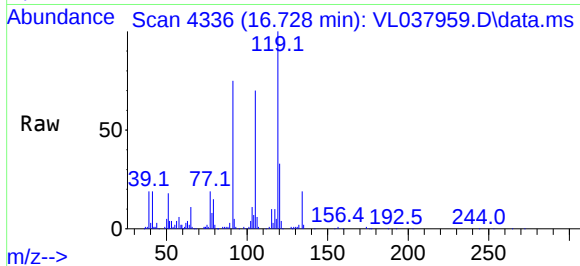
Tgt Ion:120 Resp: 62749
Ion Ratio Lower Upper
120 100
91 0.0 363.3 544.9#





#65
tert-Butylbenzene
Concen: 0.489 ppbv
RT: 16.728 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

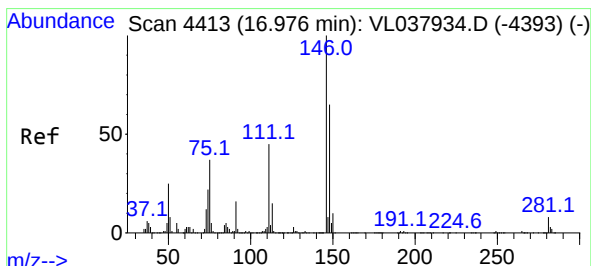
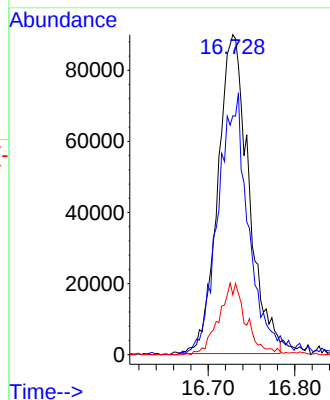
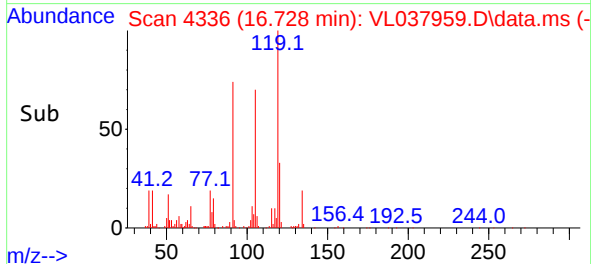
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



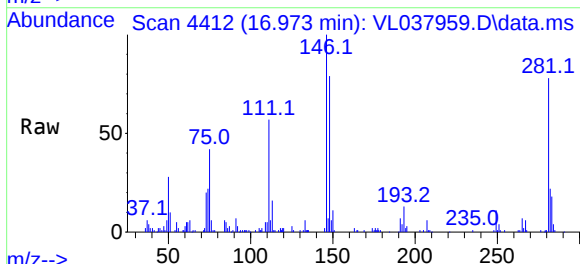
Tgt Ion: 119 Resp: 222184
Ion Ratio Lower Upper
119 100
91 84.1 61.8 92.6
134 20.5 16.6 25.0

Manual Integrations
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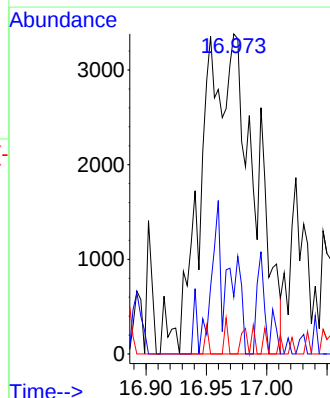
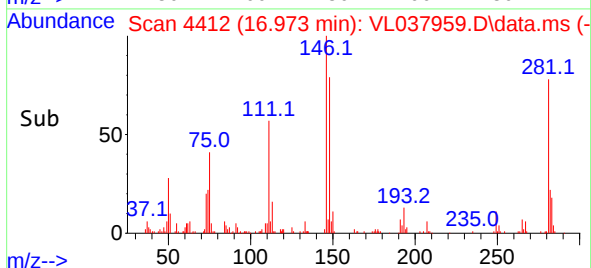
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

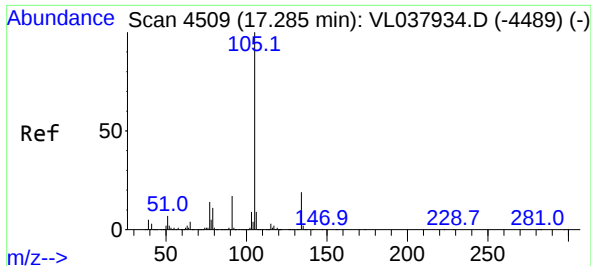


#66
Benzyl Chloride
Concen: 0.419 ppbv m
RT: 16.973 min Scan# 4412
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



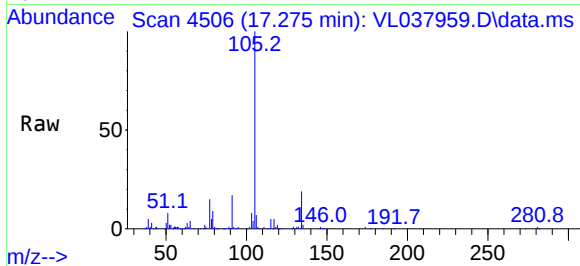
Tgt Ion: 91 Resp: 9939
Ion Ratio Lower Upper
91 100
126 17.7 13.8 20.6
128 0.0 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.471 ppbv
 RT: 17.275 min Scan# 4509
 Delta R.T. -0.010 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43

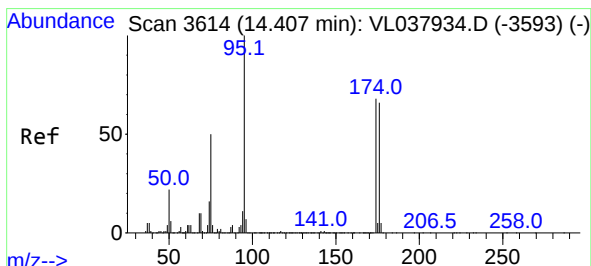
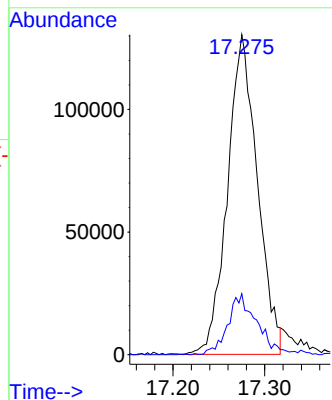
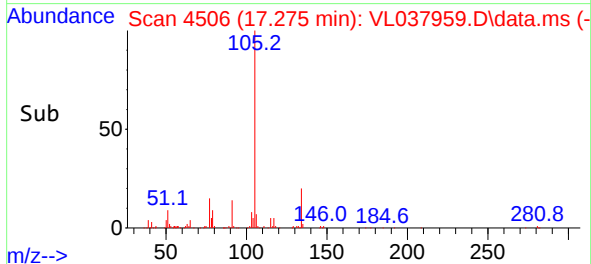
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



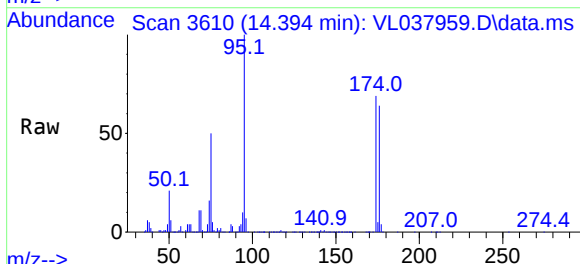
Tgt Ion:105 Resp: 295049
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

Manual Integrations
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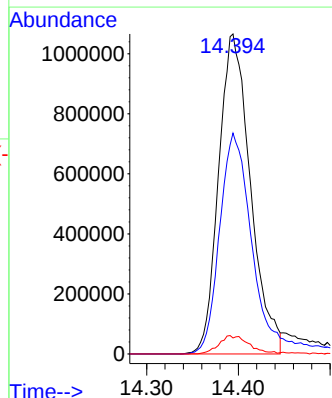
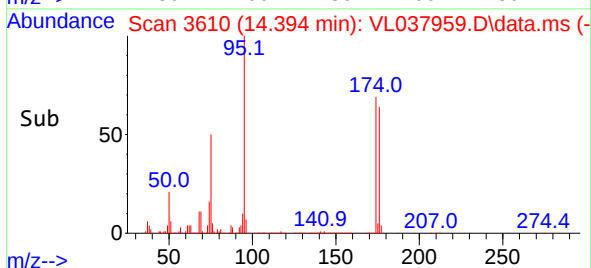
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

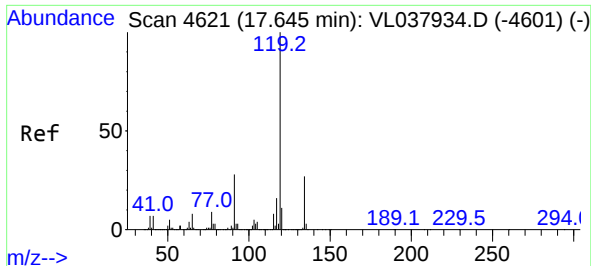


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.967 ppbv
 RT: 14.394 min Scan# 3610
 Delta R.T. -0.013 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43



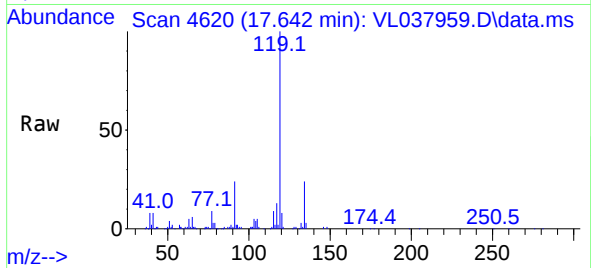
Tgt Ion: 95 Resp: 2567413
 Ion Ratio Lower Upper
 95 100
 174 74.6 58.3 87.5
 175 5.8 4.6 6.8





#69
p-Isopropyltoluene
Concen: 0.454 ppbv m
RT: 17.642 min Scan# 4621
Delta R.T. -0.003 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

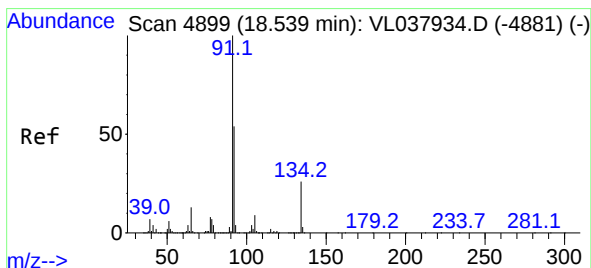
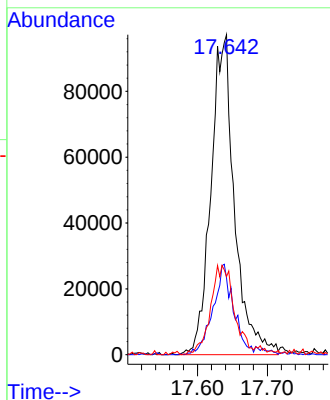
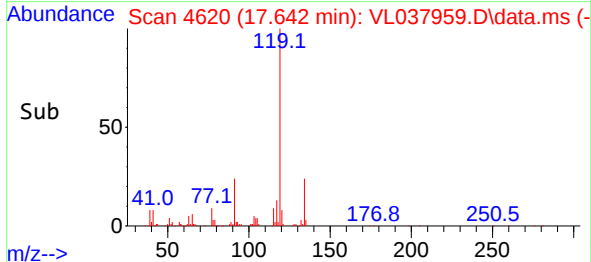
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



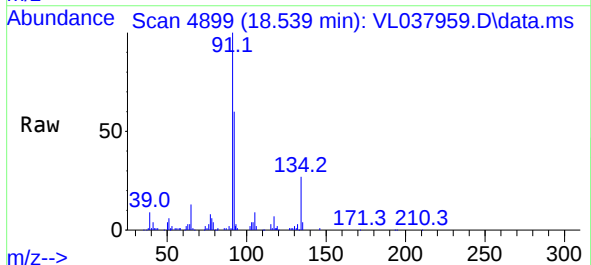
Tgt Ion: 119 Resp: 227850
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.4#
91 0.0 21.8 32.8#

Manual Integrations
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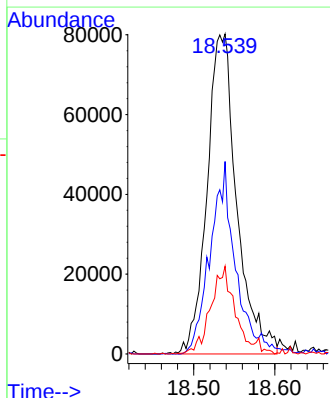
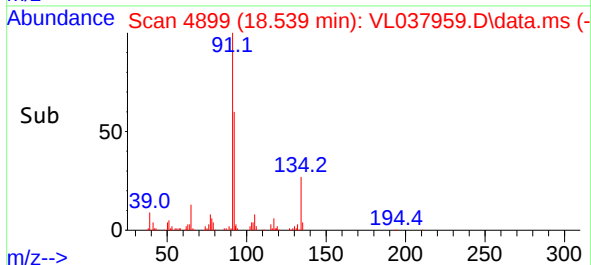
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

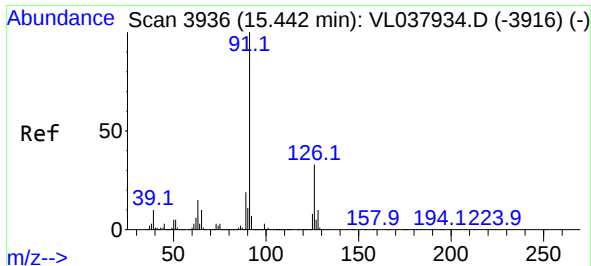


#70
n-Butylbenzene
Concen: 0.443 ppbv m
RT: 18.539 min Scan# 4899
Delta R.T. -0.000 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



Tgt Ion: 91 Resp: 204474
Ion Ratio Lower Upper
91 100
92 0.0 43.6 65.4#
134 0.0 19.8 29.6#





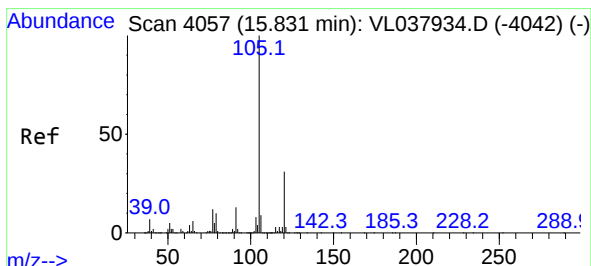
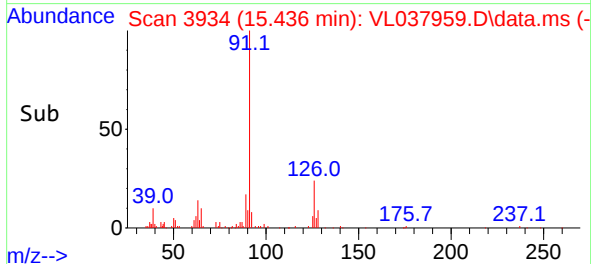
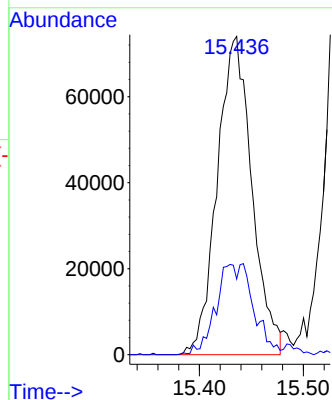
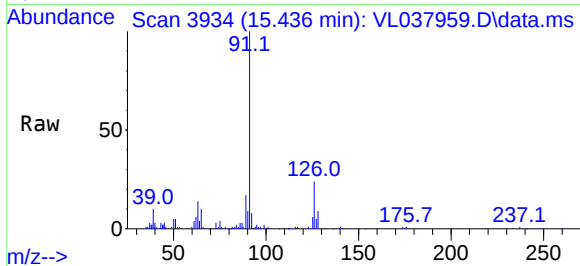
#71
2-Chlorotoluene
Concen: 0.476 ppbv
RT: 15.436 min Scan# 3916
Delta R.T. -0.006 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021

Tgt Ion: 91 Resp: 17163
Ion Ratio Lower Upper
91 100
126 32.4 13.3 53.3

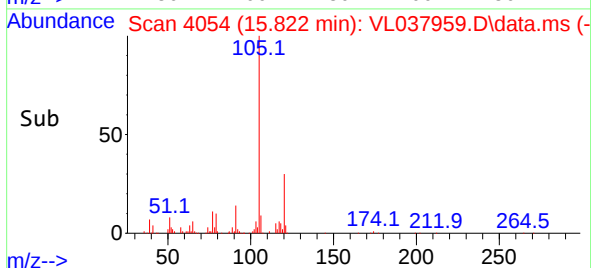
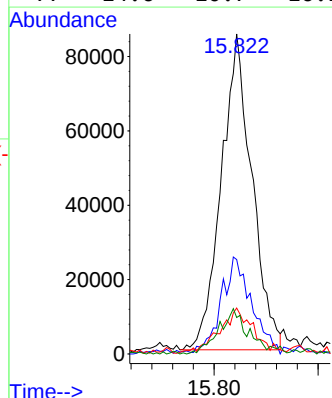
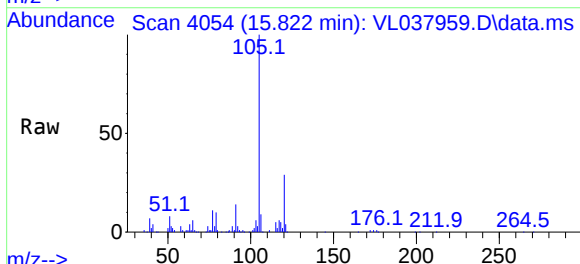
Manual Integrations
APPROVED

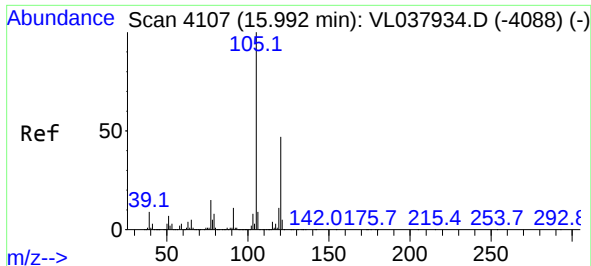
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
4-Ethyltoluene
Concen: 0.419 ppbv
RT: 15.822 min Scan# 4054
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

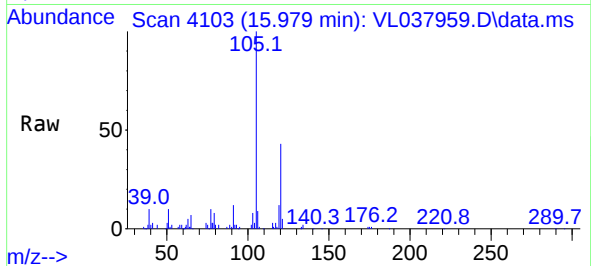
Tgt Ion:105 Resp: 174187
Ion Ratio Lower Upper
105 100
120 30.4 25.3 37.9
91 16.1 9.9 14.9#
77 14.6 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.409 ppbv
RT: 15.979 min Scan# 4107
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

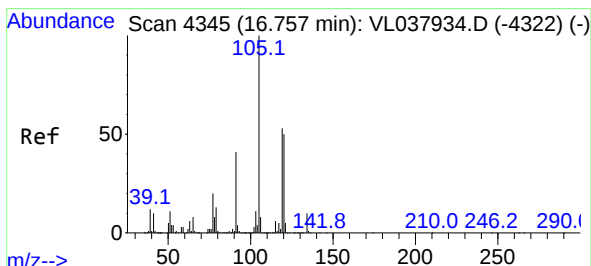
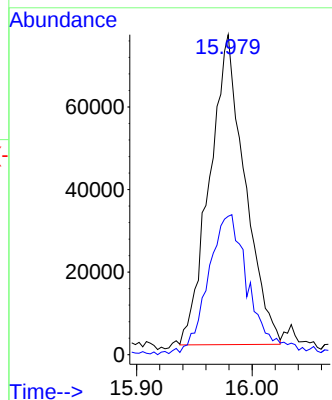
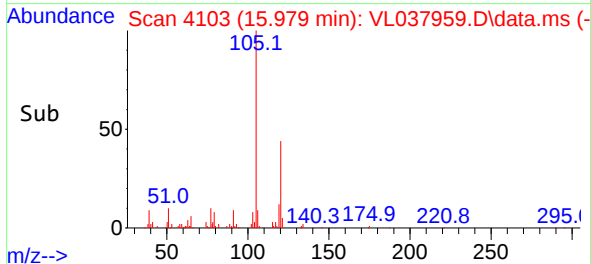
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



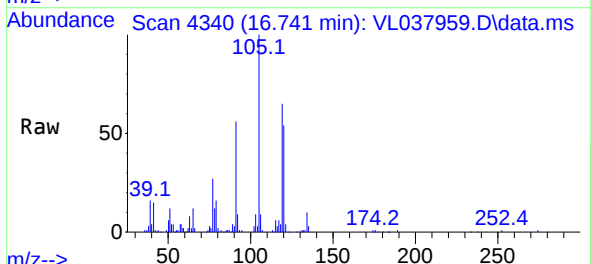
Tgt Ion:105 Resp: 15924
Ion Ratio Lower Upper
105 100
120 44.0 37.9 56.9

Manual Integrations
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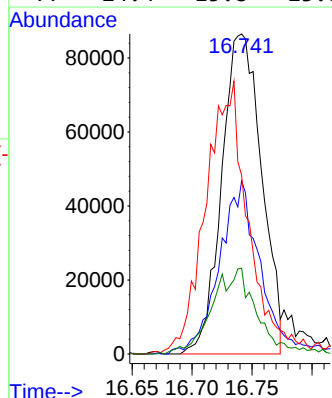
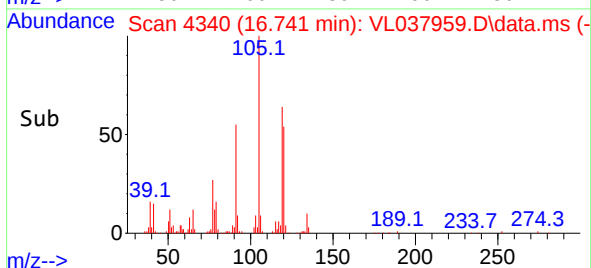
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

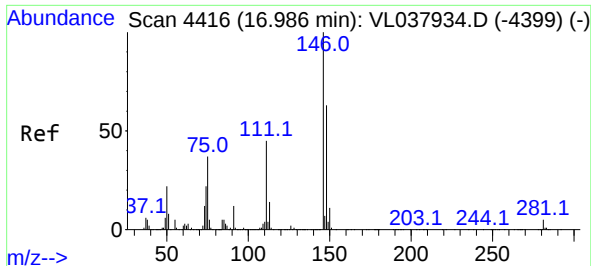


#74
1,2,4-Trimethylbenzene
Concen: 0.490 ppbv
RT: 16.741 min Scan# 4340
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



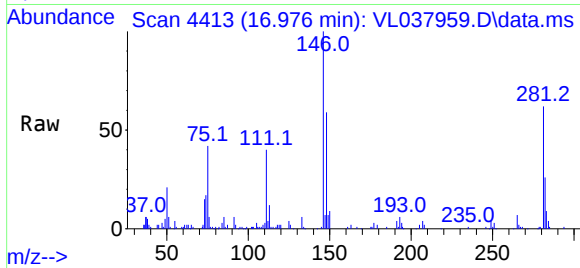
Tgt Ion:105 Resp: 199832
Ion Ratio Lower Upper
105 100
120 52.1 40.0 60.0
91 51.1 32.6 49.0#
77 24.4 15.8 23.8#





#75
1,3-Dichlorobenzene
Concen: 0.500 ppbv
RT: 16.976 min Scan# 4416
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

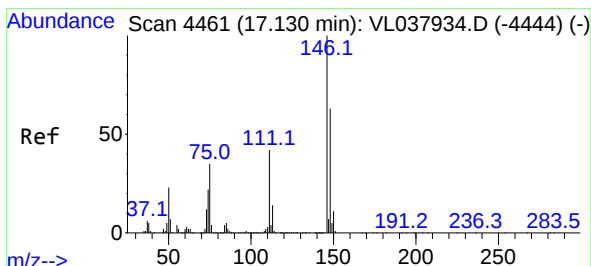
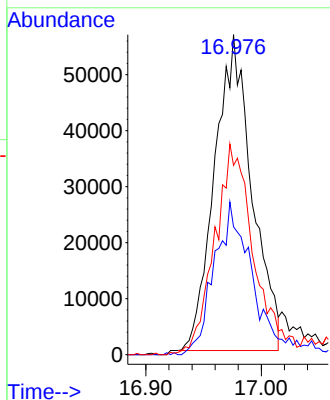
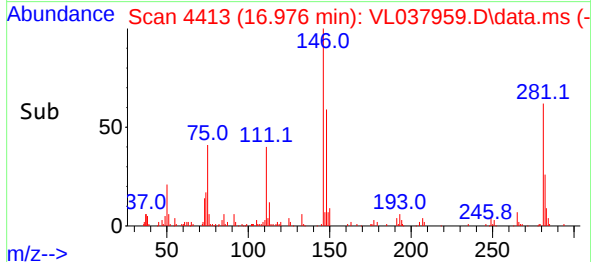
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



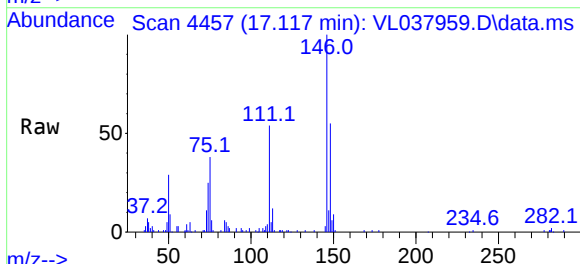
Tgt Ion:146 Resp: 12710
Ion Ratio Lower Upper
146 100
111 50.1 22.7 68.1
148 73.6 32.4 97.0

Manual Integrations
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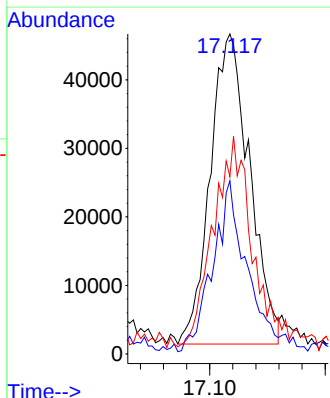
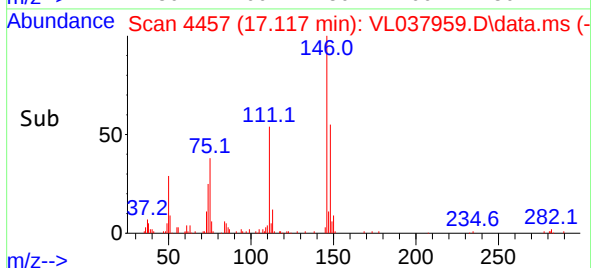
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

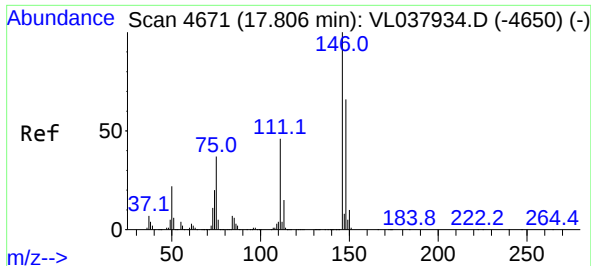


#76
1,4-Dichlorobenzene
Concen: 0.436 ppbv
RT: 17.117 min Scan# 4457
Delta R.T. -0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



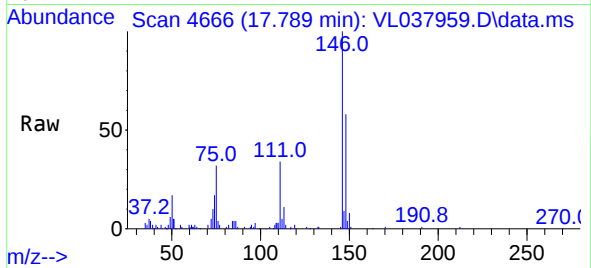
Tgt Ion:146 Resp: 107171
Ion Ratio Lower Upper
146 100
111 54.8 22.7 68.1
148 76.8 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 0.540 ppbv m
RT: 17.789 min Scan# 4666
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

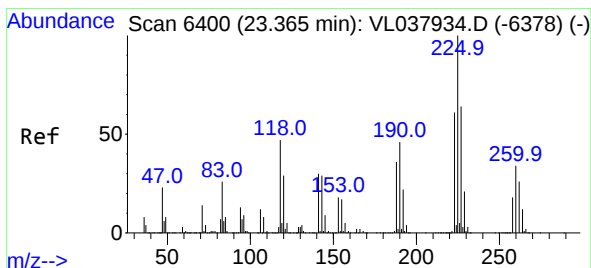
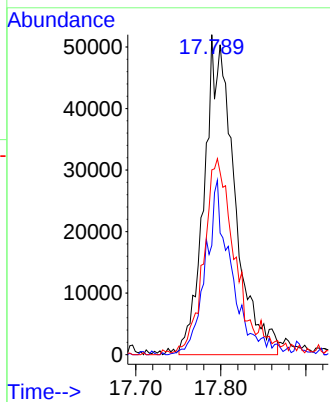
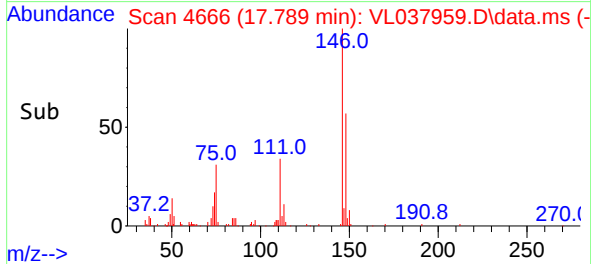
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



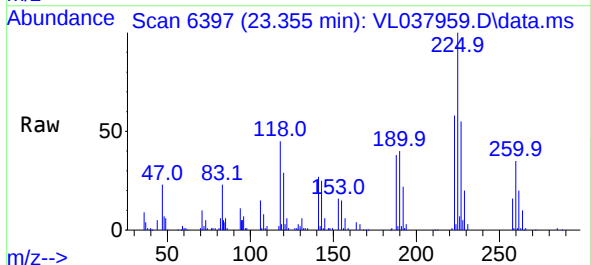
Tgt Ion:146 Resp: 128940
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.2
148 0.0 32.6 97.7

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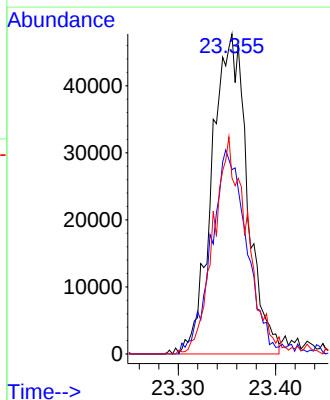
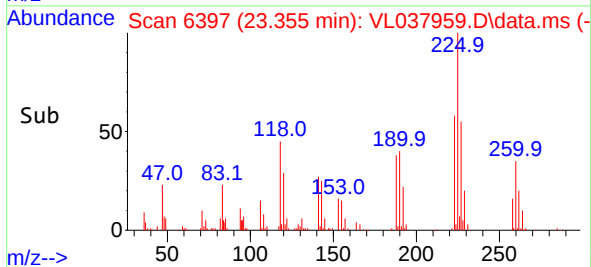
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

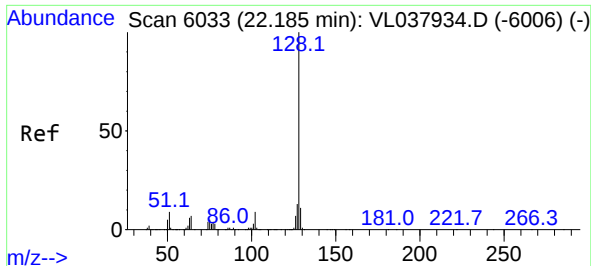


#78
Hexachloro-1,3-Butadiene
Concen: 0.589 ppbv m
RT: 23.355 min Scan# 6397
Delta R.T. -0.010 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



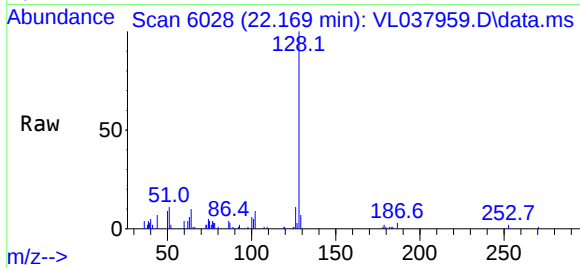
Tgt Ion:225 Resp: 120356
Ion Ratio Lower Upper
225 100
223 65.6 50.0 75.0
227 66.1 51.5 77.3





#79
Naphthalene
Concen: 0.263 ppbv m
RT: 22.169 min Scan# 6033
Delta R.T. -0.016 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43

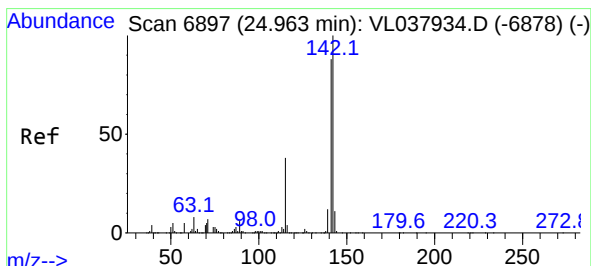
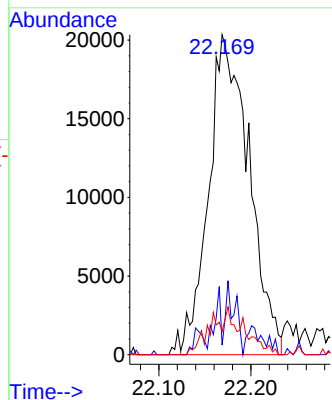
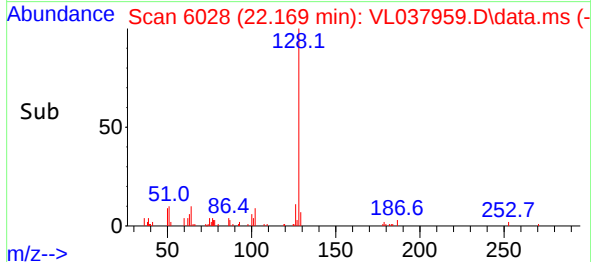
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



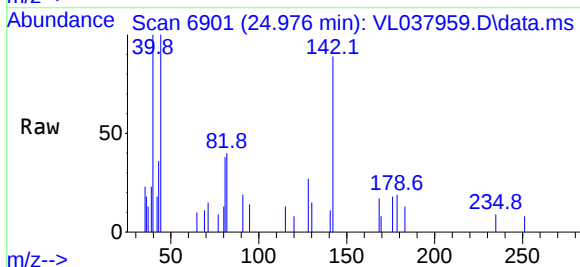
Tgt Ion:128 Resp: 6191
Ion Ratio Lower Upper
128 100
127 3.0 10.2 15.2
129 7.3 9.0 13.4

Manual Integrations
APPROVED

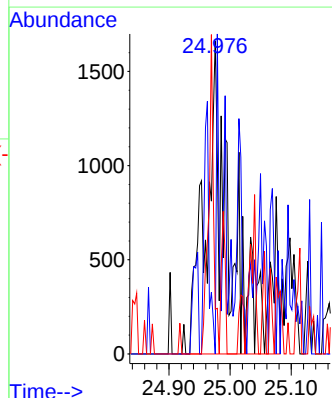
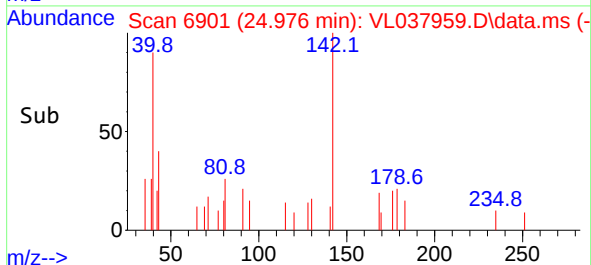
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

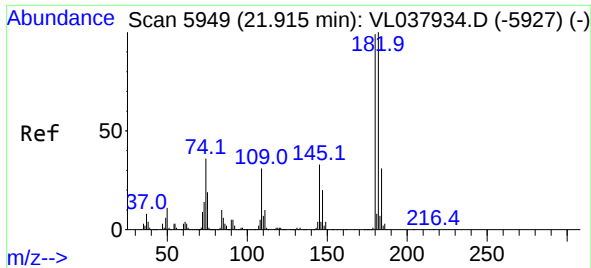


#80
Naphthalene,2-methyl-
Concen: 0.106 ppbv
RT: 24.976 min Scan# 6901
Delta R.T. 0.013 min
Lab File: VL037959.D
Acq: 2 Nov 2021 4:43



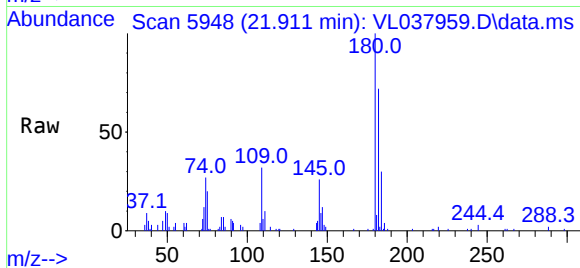
Tgt Ion:142 Resp: 4854
Ion Ratio Lower Upper
142 100
141 22.1 66.4 99.6#
115 26.9 29.0 43.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.370 ppbv m
 RT: 21.911 min Scan# 5948
 Delta R.T. -0.003 min
 Lab File: VL037959.D
 Acq: 2 Nov 2021 4:43

Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



Tgt Ion:180 Resp: 56578

Ion	Ratio	Lower	Upper
180	100		
182	0.0	79.3	118.9
184	0.0	25.3	37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

