

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037966.D
 Acq On : 2 Nov 2021 12:54
 Operator : SY/AP
 Sample : M4068-14 0.5LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 02 13:49:27 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 13:49:27 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 11/09/2021

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

Internal Standards						
1) Bromochloromethane	5.658	49	1362439	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4049656	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3497815	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.394 95 2631420 10.350 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	138409	0.721	ppbv	99
3) Chlorodifluoromethane	2.986	51	148262	0.585	ppbv	99
4) Chloromethane	3.134	50	50188	0.521	ppbv	95
5) Vinyl Chloride	3.250	62	46372m	0.499	ppbv	
6) Bromomethane	3.472	94	27968m	0.557	ppbv	
7) Chloroethane	3.558	64	17442	0.520	ppbv	91
8) Dichlorotetrafluoroethane	3.185	85	127201	0.575	ppbv	98
9) Propene	3.012	41	37247	0.410	ppbv	83
10) Heptane	8.105	43	103509m	0.489	ppbv	
11) Trichlorofluoromethane	3.941	101	96970	0.507	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.475	101	83589	0.561	ppbv	90
13) Ethanol	3.620	45	3992	0.435	ppbv #	32
14) Bromoethene	3.738	108	32300	0.496	ppbv #	88
15) Acetone	3.867	43	55476	0.493	ppbv	95
16) 1,3-Butadiene	3.327	39	41018	0.462	ppbv	87
17) tert-Butyl alcohol	4.308	59	59084m	0.505	ppbv	
18) 1,1-Dichloroethene	4.282	96	36785	0.536	ppbv #	88
19) Isopropyl Alcohol	3.986	45	29995	0.417	ppbv #	85
20) Methylene Chloride	4.333	84	34884	0.564	ppbv	92
21) Allyl Chloride	4.404	41	59424m	0.572	ppbv	
22) trans-1,2-Dichloroethene	4.877	96	31717	0.465	ppbv	93
23) Vinyl Acetate	5.079	43	73597	0.434	ppbv #	92
24) 1,1-Dichloroethane	5.002	63	79004	0.564	ppbv #	96
25) Ethyl Acetate	5.677	43	175000	0.523	ppbv #	98
26) Hexane	5.677	57	77487	0.489	ppbv	84
27) Carbon Disulfide	4.539	76	78471m	0.502	ppbv	
28) Methyl tert-Butyl Ether	5.041	73	67730	0.509	ppbv #	90
29) Chloroform	5.738	83	130444m	0.552	ppbv	
30) Cyclohexane	7.124	84	75331m	0.556	ppbv	
31) cis-1,2-Dichloroethene	5.542	61	70512m	0.488	ppbv	
32) 1,1,1-Trichloroethane	6.497	97	111169	0.479	ppbv	93
34) 2-Butanone	5.256	43	66459	0.443	ppbv	95
35) Carbon Tetrachloride	7.002	117	113242	0.463	ppbv	92
36) Benzene	6.880	78	157643m	0.478	ppbv	
37) 1,2-Dichloroethane	6.295	62	82871m	0.529	ppbv	
38) Trichloroethene	7.815	130	67509m	0.493	ppbv	
39) 1,2-Dichloropropane	7.590	63	67519m	0.544	ppbv	
40) 1,4-Dioxane	7.864	88	17799m	0.545	ppbv	
41) Tetrahydrofuran	6.082	42	32766m	0.446	ppbv	
42) Bromodichloromethane	7.780	83	116826m	0.493	ppbv	
43) Methyl Methacrylate	8.012	69	44231m	0.409	ppbv	
44) 2,2,4-Trimethylpentane	7.854	57	263511	0.470	ppbv	93
45) t-1,3-Dichloropropene	9.262	75	29558m	0.372	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037966.D
 Acq On : 2 Nov 2021 12:54
 Operator : SY/AP
 Sample : M4068-14 0.5LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

Quant Time: Nov 02 13:49:27 2021

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

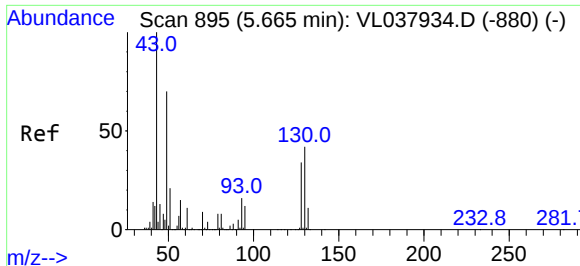
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 13:49:27 2021

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

Response via : Initial Calibration

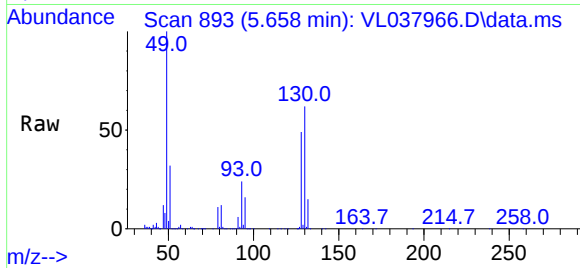
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.690	75	43136m	0.394	ppbv	
47) 1,1,2-Trichloroethane	9.452	97	67199	0.482	ppbv #	93
48) Dibromochloromethane	10.288	129	89081m	0.451	ppbv	
49) Bromoform	13.018	173	69864m	0.448	ppbv	
50) 4-Methyl-2-Pentanone	8.754	43	87134m	0.442	ppbv	
51) 2-Hexanone	10.140	43	29876m	0.360	ppbv	
52) Tetrachloroethene	11.201	164	56883	0.455	ppbv	95
53) Toluene	9.790	91	145264m	0.411	ppbv	
54) 1,2-Dibromoethane	10.587	107	85052m	0.473	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.101	131	76628m	0.543	ppbv	
57) Chlorobenzene	12.121	112	156227	0.560	ppbv	91
58) Ethyl Benzene	12.693	91	178767	0.418	ppbv	95
59) m/p-Xylene	12.966	91	363873m	0.957	ppbv	
60) o-Xylene	13.671	91	165511	0.462	ppbv	100
61) Styrene	13.513	104	58112m	0.353	ppbv	
62) Isopropylbenzene	14.648	105	248825	0.490	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.658	83	153428	0.497	ppbv	95
64) n-propylbenzene	15.542	120	58238	0.448	ppbv	67
65) tert-Butylbenzene	16.725	119	224290	0.500	ppbv	97
66) Benzyl Chloride	16.963	91	12347m	0.527	ppbv	
67) sec-Butylbenzene	17.272	105	302591	0.490	ppbv	98
69) p-Isopropyltoluene	17.632	119	209575	0.423	ppbv	94
70) n-Butylbenzene	18.529	91	195149	0.428	ppbv	98
71) 2-Chlorotoluene	15.433	91	163778	0.461	ppbv	99
72) 4-Ethyltoluene	15.815	105	163320	0.398	ppbv #	93
73) 1,3,5-Trimethylbenzene	15.976	105	184977m	0.481	ppbv	
74) 1,2,4-Trimethylbenzene	16.738	105	196467	0.488	ppbv #	88
75) 1,3-Dichlorobenzene	16.976	146	137710m	0.549	ppbv	
76) 1,4-Dichlorobenzene	17.117	146	129944m	0.535	ppbv	
77) 1,2-Dichlorobenzene	17.793	146	127151m	0.540	ppbv	
78) Hexachloro-1,3-Butadiene	23.349	225	118042	0.586	ppbv	98
79) Naphthalene	22.172	128	82910m	0.357	ppbv	
80) Naphthalene,2-methyl-	24.995	142	5231m	0.116	ppbv	
81) 1,2,4-Trichlorobenzene	21.905	180	56018m	0.371	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 89
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

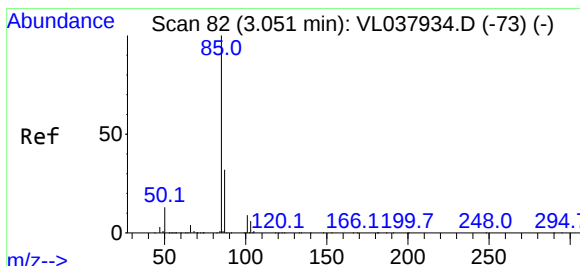
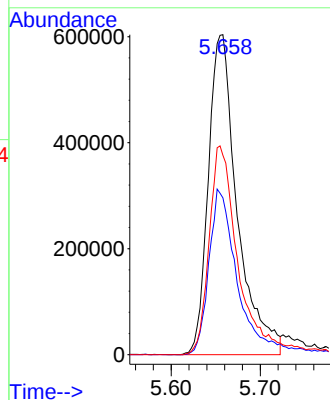
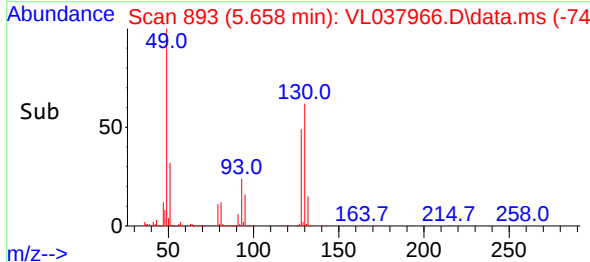
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 49 Resp: 1362439
Ion Ratio Lower Upper
49 100
128 52.9 27.0 81.0
130 68.9 33.4 100.2

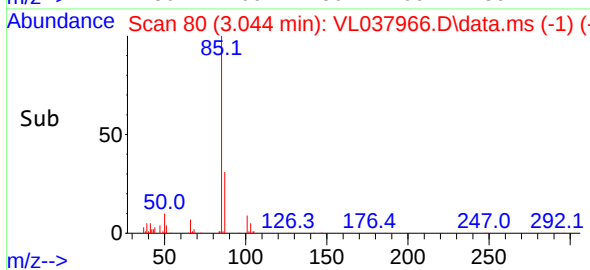
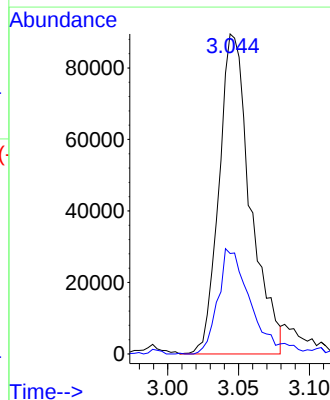
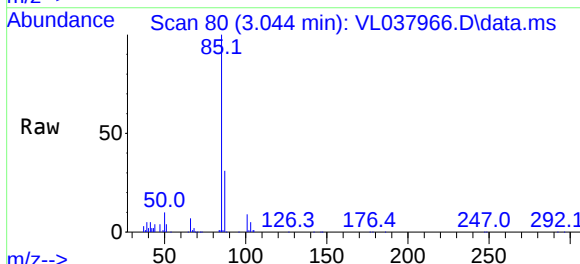
Manual Integrations
APPROVED

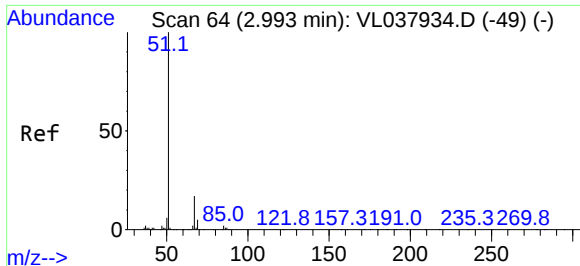
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#2
Dichlorodifluoromethane
Concen: 0.721 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

Tgt Ion: 85 Resp: 138409
Ion Ratio Lower Upper
85 100
87 31.2 25.3 37.9





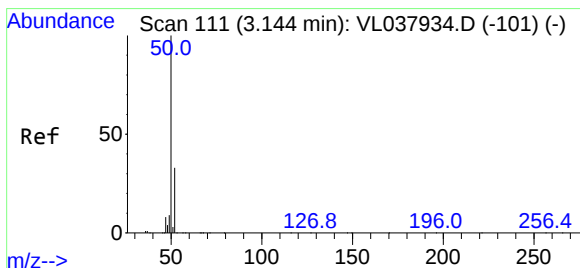
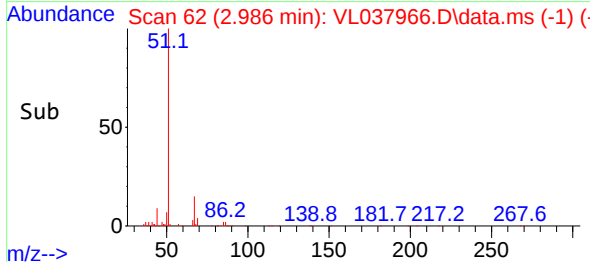
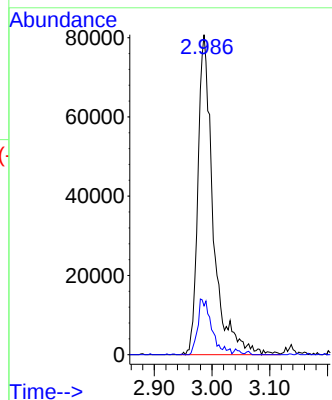
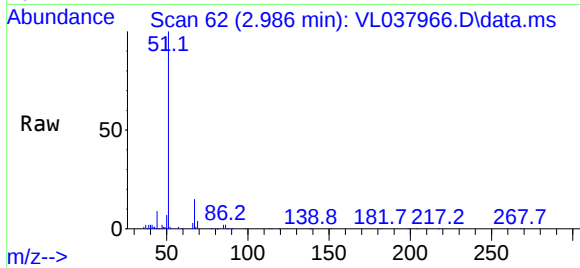
#3
Chlorodifluoromethane
Concen: 0.585 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

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

Tgt Ion: 51 Resp: 14826
Ion Ratio Lower Upper
51 100
67 17.0 13.4 20.0

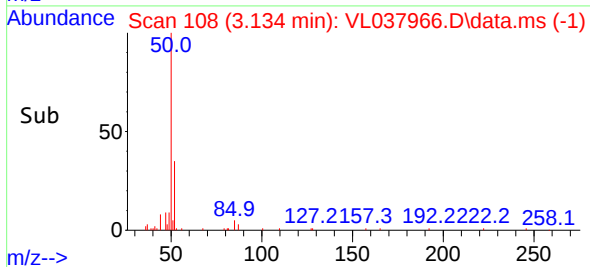
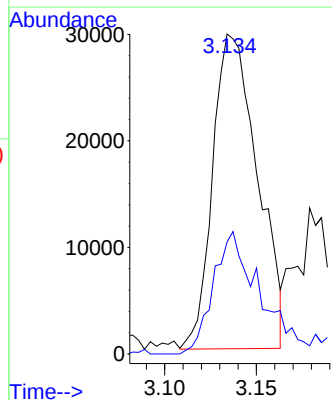
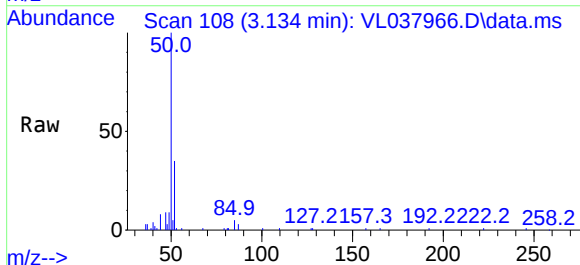
Manual Integrations
APPROVED

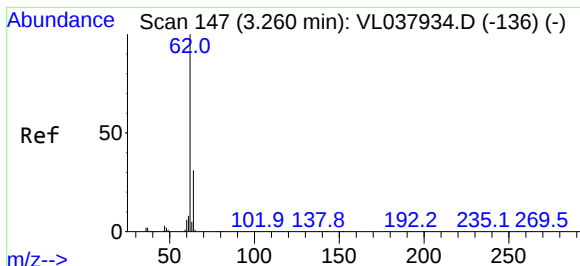
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#4
Chloromethane
Concen: 0.521 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

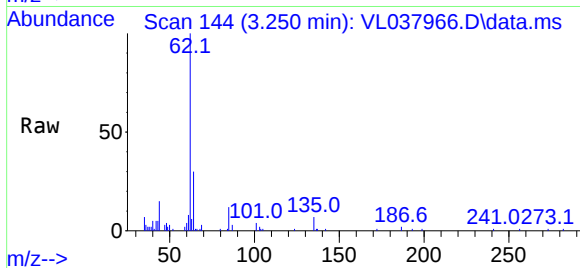
Tgt Ion: 50 Resp: 50188
Ion Ratio Lower Upper
50 100
52 35.6 26.3 39.5





#5
 Vinyl Chloride
 Concen: 0.499 ppbv m
 RT: 3.250 min Scan# 147
 Delta R.T. -0.010 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

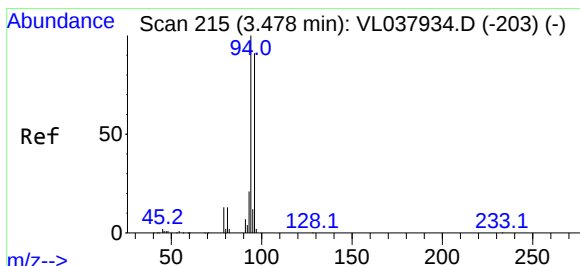
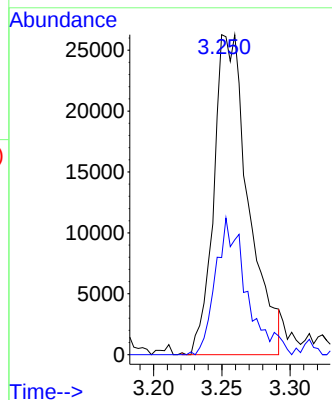
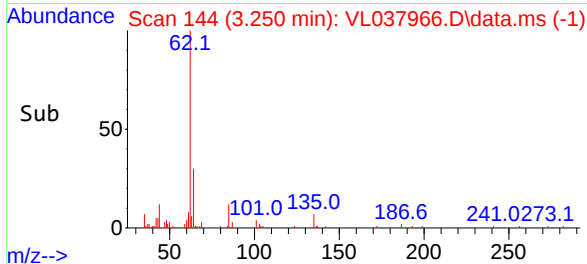
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



Tgt Ion: 62 Resp: 46372
 Ion Ratio Lower Upper
 62 100
 64 30.4 24.7 37.1

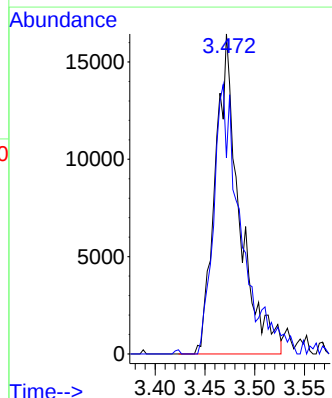
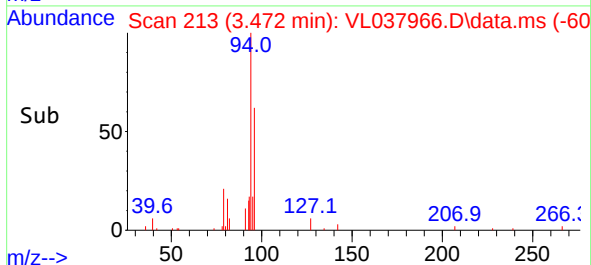
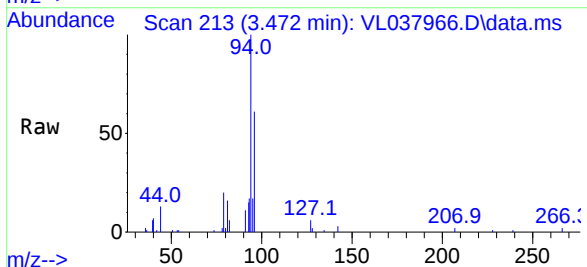
Manual Integrations
 APPROVED

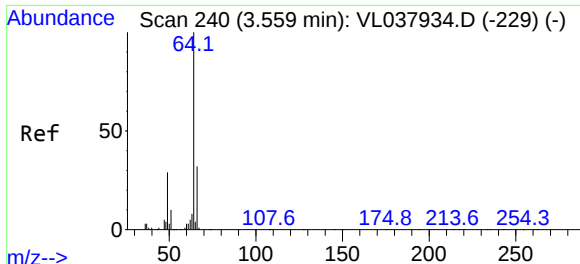
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#6
 Bromomethane
 Concen: 0.557 ppbv m
 RT: 3.472 min Scan# 213
 Delta R.T. -0.007 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

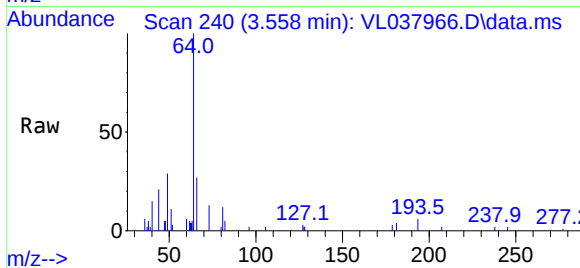
Tgt Ion: 94 Resp: 27968
 Ion Ratio Lower Upper
 94 100
 96 61.3 73.0 109.4#





#7
Chloroethane
Concen: 0.520 ppbv
RT: 3.558 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

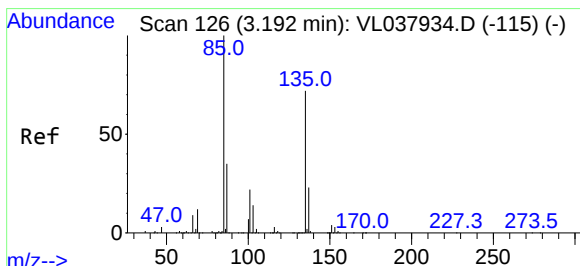
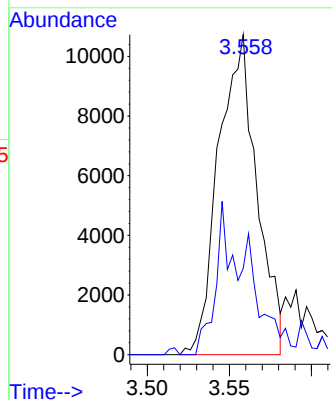
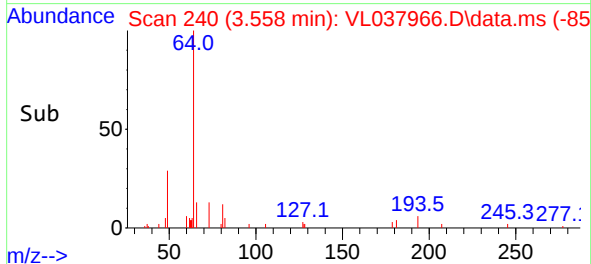
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 64 Resp: 1744
Ion Ratio Lower Upper
64 100
66 26.9 25.5 38.3

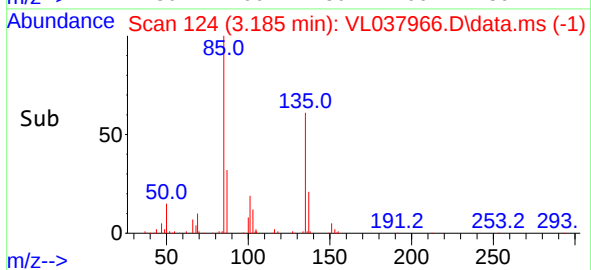
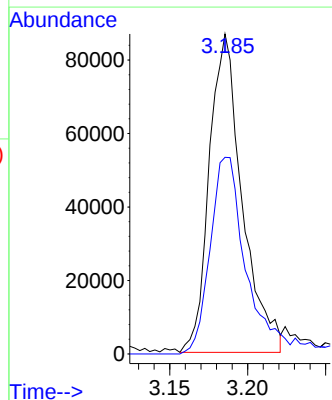
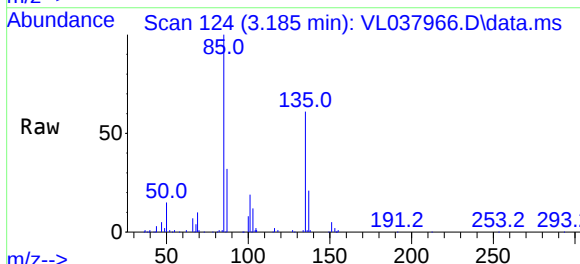
Manual Integrations
APPROVED

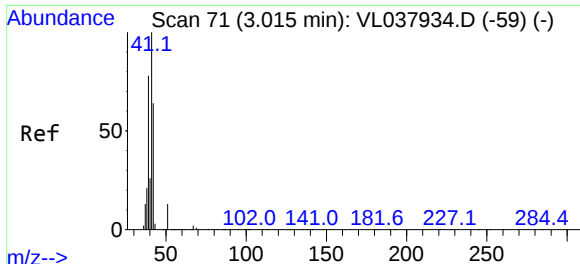
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#8
Dichlorotetrafluoroethane
Concen: 0.575 ppbv
RT: 3.185 min Scan# 124
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

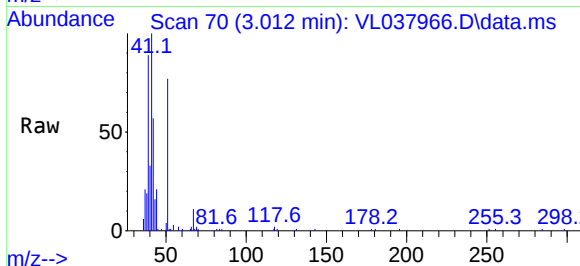
Tgt Ion: 85 Resp: 127201
Ion Ratio Lower Upper
85 100
135 72.1 58.8 88.2





#9
 Propene
 Concen: 0.410 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

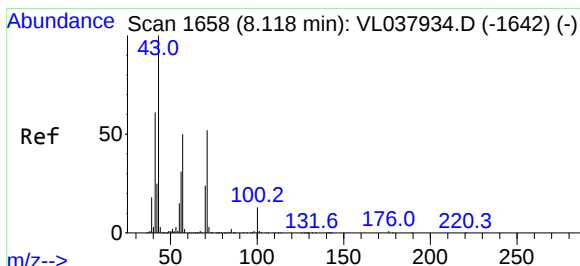
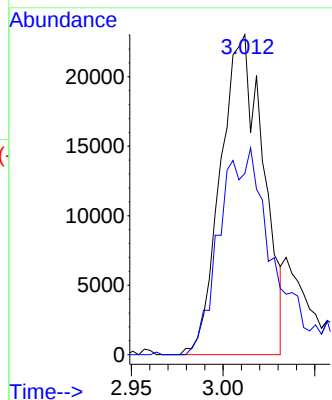
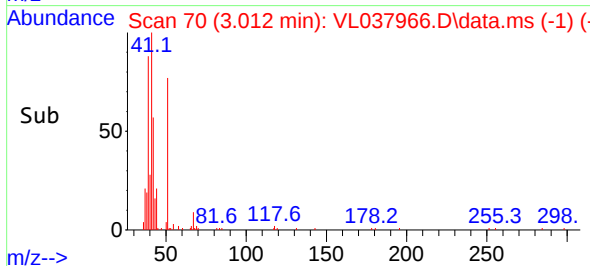
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



Tgt Ion: 41 Resp: 3724
 Ion Ratio Lower Upper
 41 100
 42 85.9 57.6 86.4

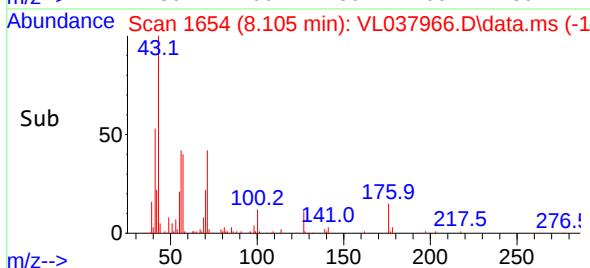
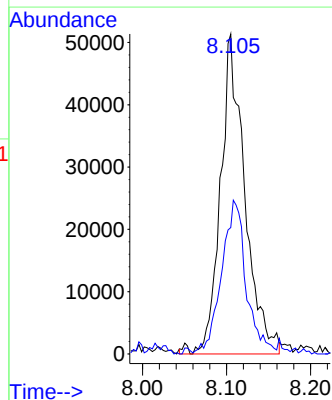
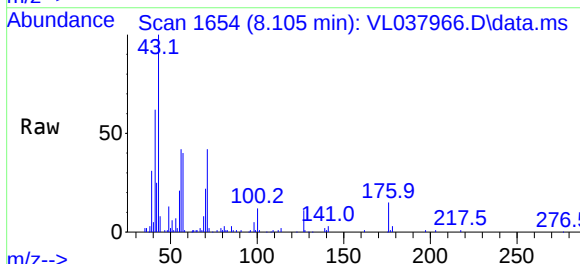
Manual Integrations
 APPROVED

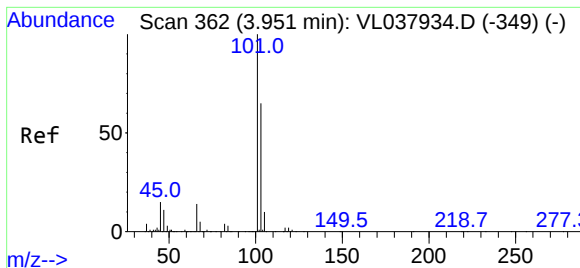
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#10
 Heptane
 Concen: 0.489 ppbv m
 RT: 8.105 min Scan# 1654
 Delta R.T. -0.013 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

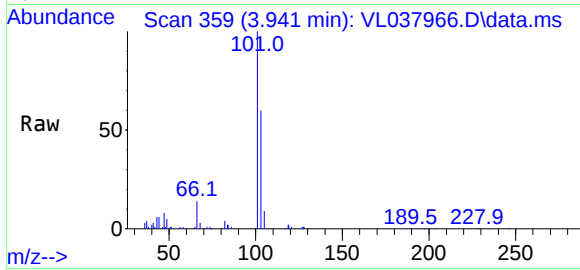
Tgt Ion: 43 Resp: 103509
 Ion Ratio Lower Upper
 43 100
 57 50.7 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.507 ppbv
RT: 3.941 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

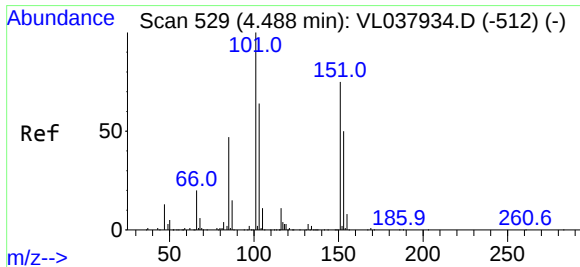
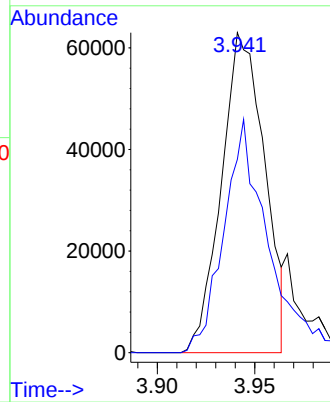
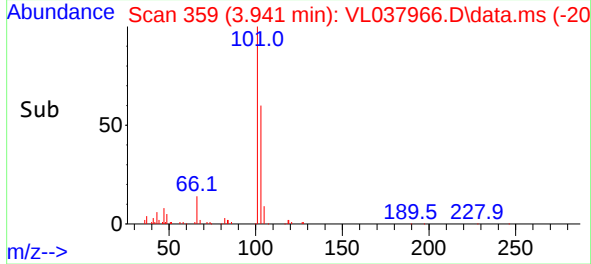
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



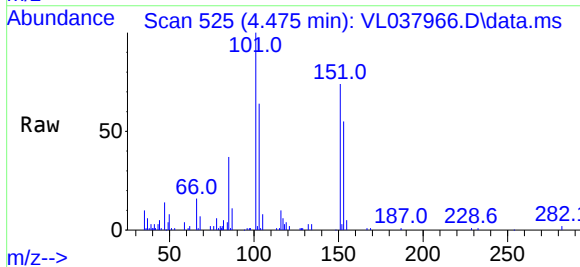
Tgt Ion:101 Resp: 96970
Ion Ratio Lower Upper
101 100
103 60.4 52.0 78.0

Manual Integrations
APPROVED

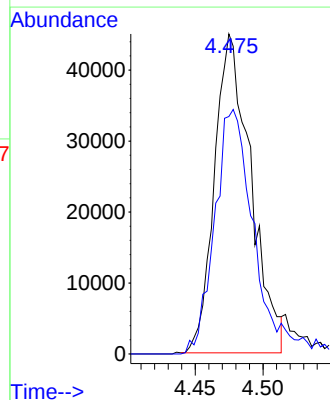
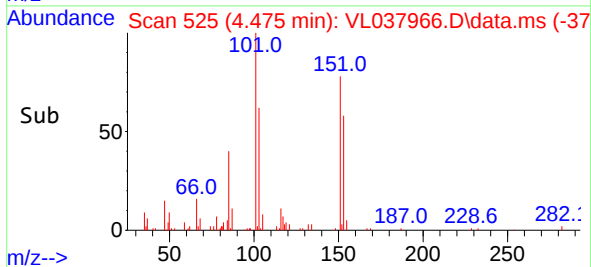
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

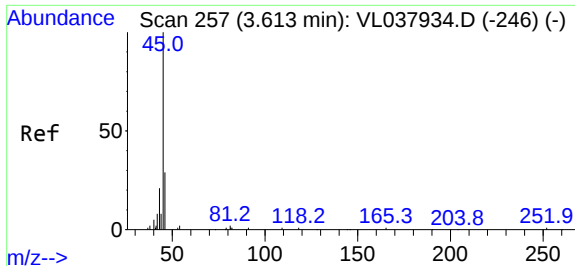


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.561 ppbv
RT: 4.475 min Scan# 525
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



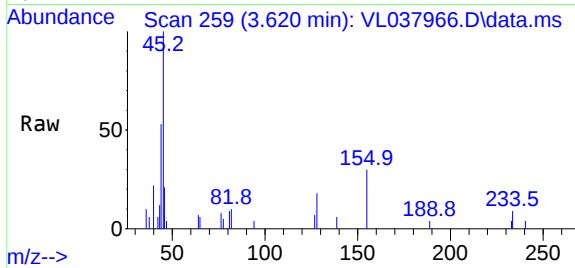
Tgt Ion:101 Resp: 83589
Ion Ratio Lower Upper
101 100
151 85.6 61.8 92.8





#13
Ethanol
Concen: 0.435 ppbv
RT: 3.620 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

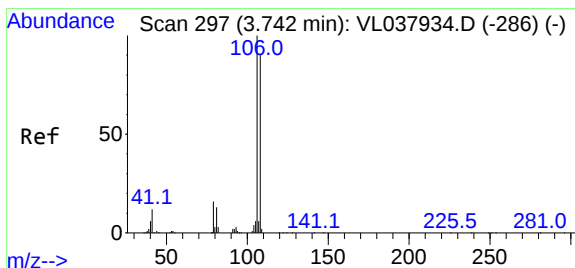
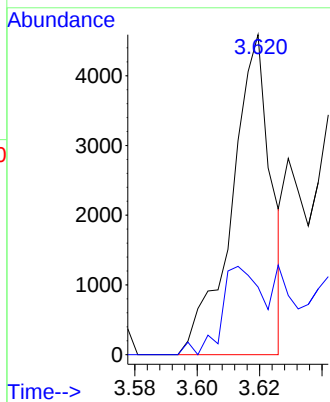
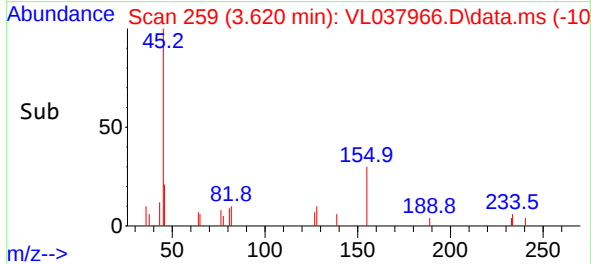
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 45 Resp: 3992
Ion Ratio Lower Upper
45 100
46 0.0 17.4 69.8

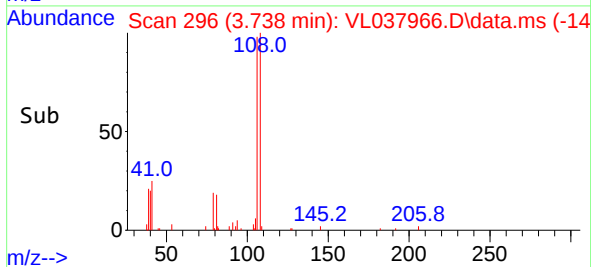
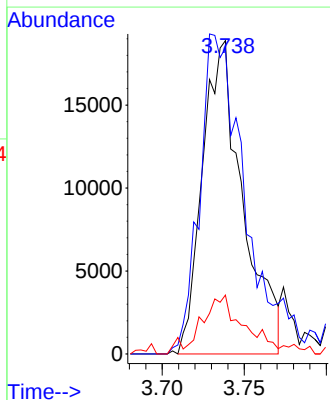
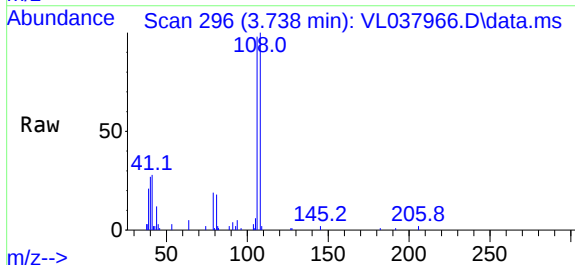
Manual Integrations
APPROVED

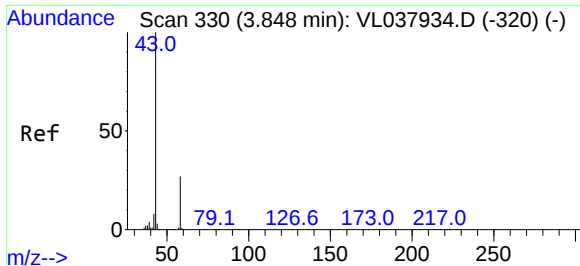
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#14
Bromoethene
Concen: 0.496 ppbv
RT: 3.738 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

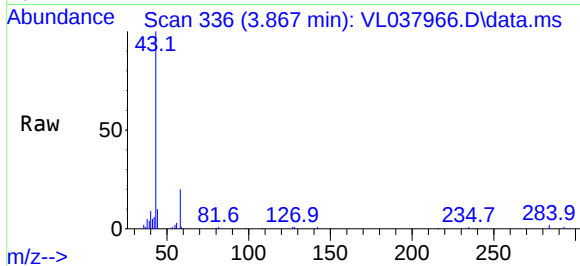
Tgt Ion:108 Resp: 32300
Ion Ratio Lower Upper
108 100
106 123.2 88.4 132.6
79 21.8 12.4 18.6





#15
Acetone
Concen: 0.493 ppbv
RT: 3.867 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

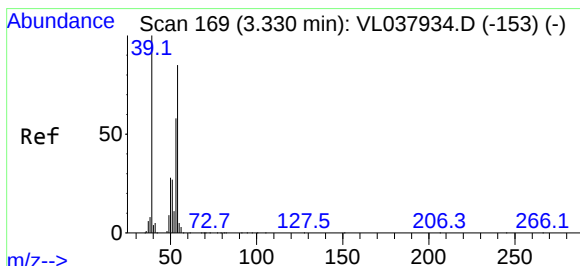
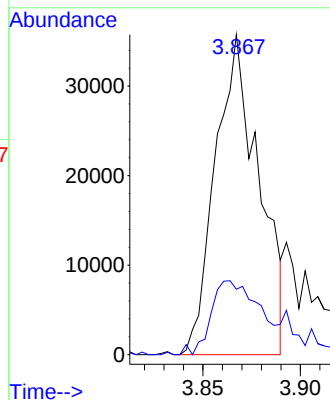
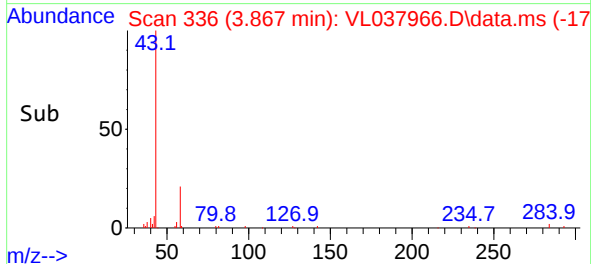
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 43 Resp: 55470
Ion Ratio Lower Upper
43 100
58 31.7 23.3 34.9

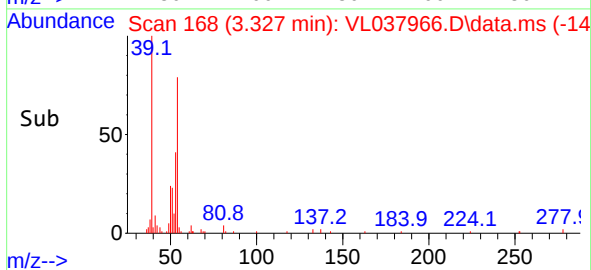
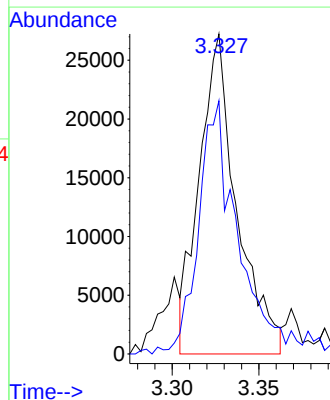
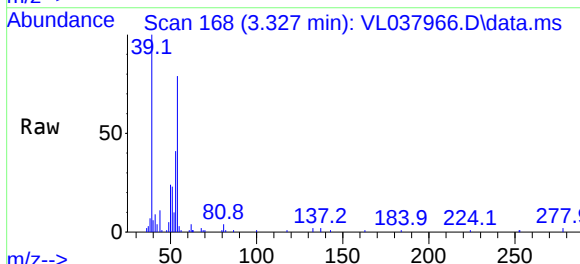
Manual Integrations
APPROVED

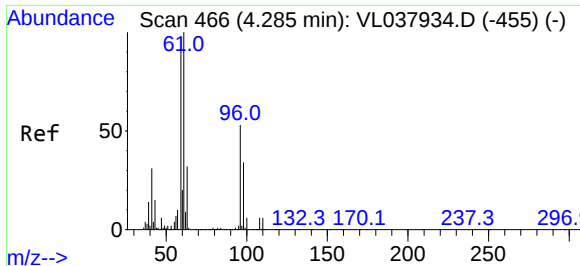
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#16
1,3-Butadiene
Concen: 0.462 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.003 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

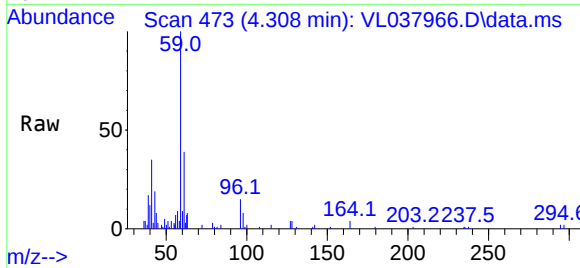
Tgt Ion: 39 Resp: 41018
Ion Ratio Lower Upper
39 100
54 89.2 62.6 93.8





#17
tert-Butyl alcohol
Concen: 0.505 ppbv m
RT: 4.308 min Scan# 41
Delta R.T. 0.022 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

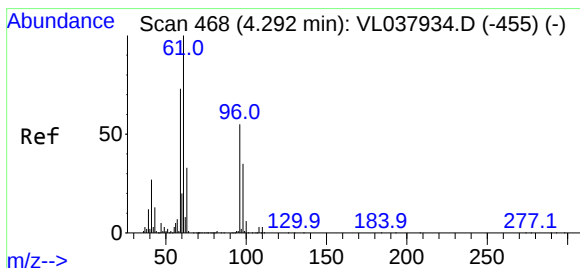
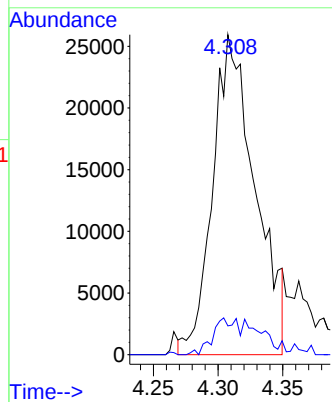
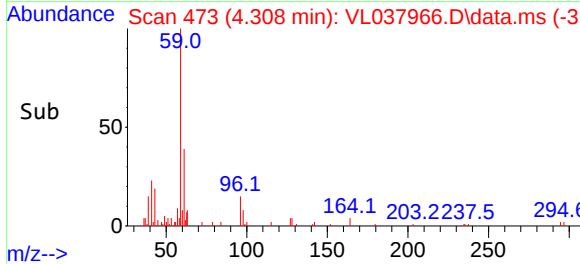
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



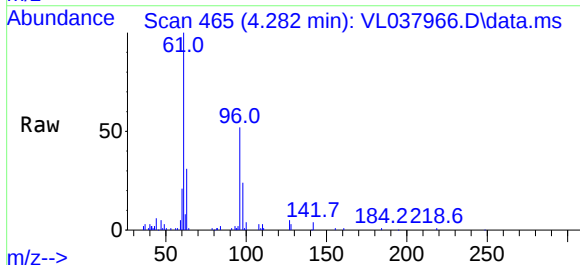
Tgt Ion: 59 Resp: 59084
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

Manual Integrations
APPROVED

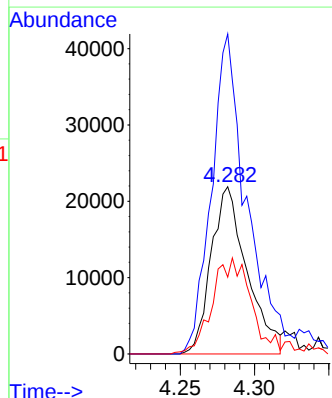
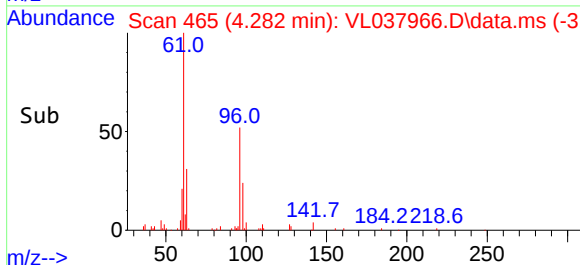
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

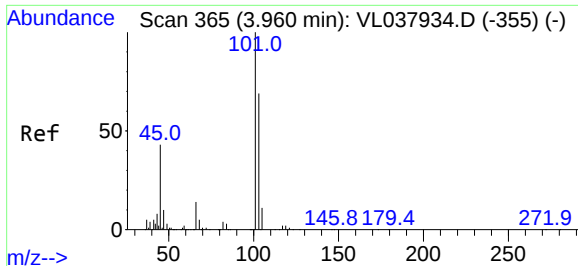


#18
1,1-Dichloroethene
Concen: 0.536 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



Tgt Ion: 96 Resp: 36785
Ion Ratio Lower Upper
96 100
61 191.3 144.3 216.5
98 44.7 50.5 75.7





#19

Isopropyl Alcohol

Concen: 0.417 ppbv

RT: 3.986 min Scan# 31

Delta R.T. 0.026 min

Lab File: VL037966.D

Acq: 2 Nov 2021 12:54

Instrument :

MSVOA_L

ClientSampleId :

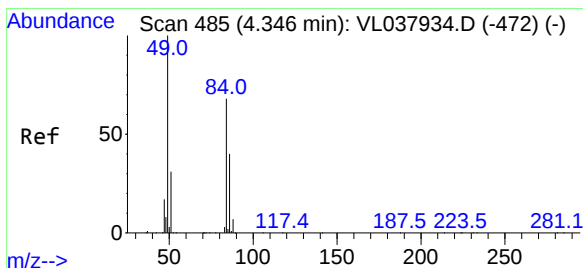
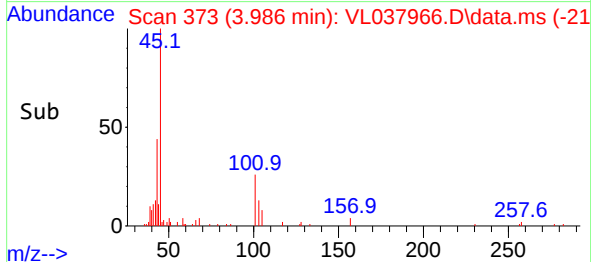
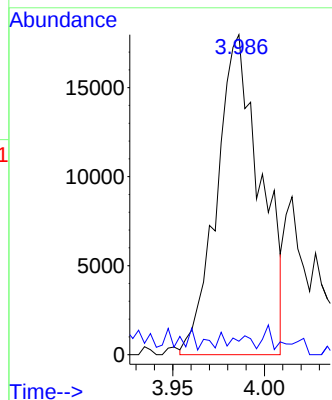
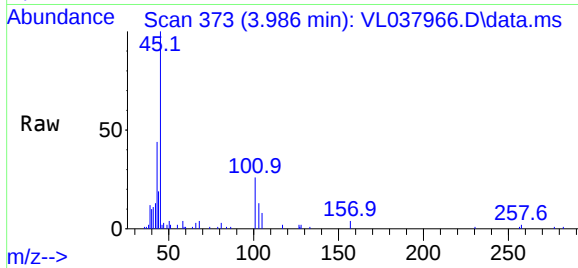
LOQ-AIR-02-QT4-2021

Tgt Ion: 45 Resp: 2999
 Ion Ratio Lower Upper
 45 100
 58 0.0 4.0 6.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#20

Methylene Chloride

Concen: 0.564 ppbv

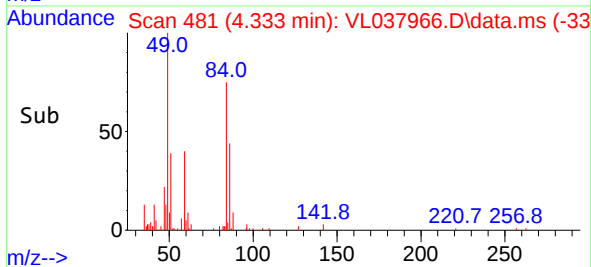
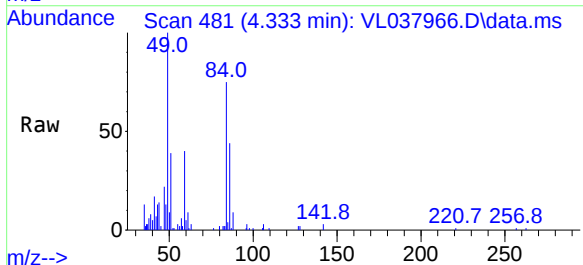
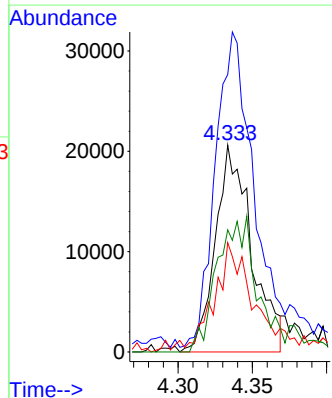
RT: 4.333 min Scan# 481

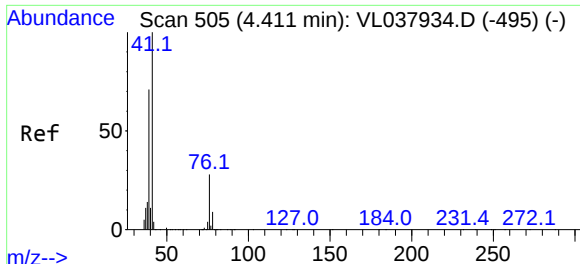
Delta R.T. -0.013 min

Lab File: VL037966.D

Acq: 2 Nov 2021 12:54

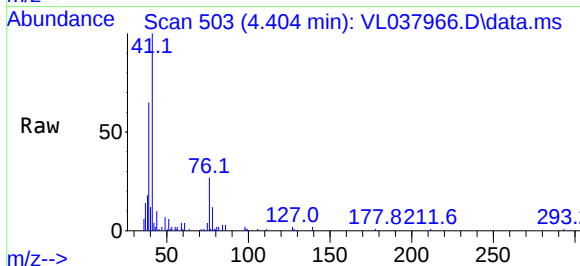
Tgt Ion: 84 Resp: 34884
 Ion Ratio Lower Upper
 84 100
 49 131.9 117.5 176.3
 51 47.2 35.9 53.9
 86 59.0 47.3 70.9





#21
 Allyl Chloride
 Concen: 0.572 ppbv
 RT: 4.404 min Scan# 505
 Delta R.T. -0.007 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

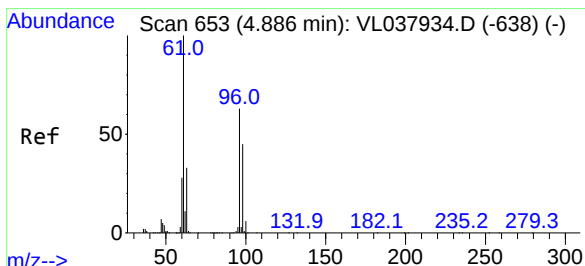
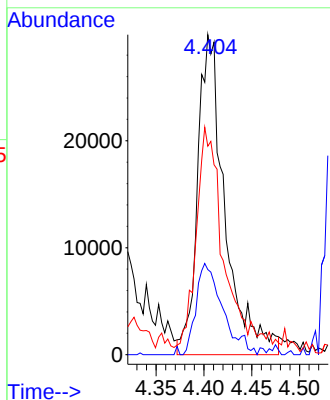
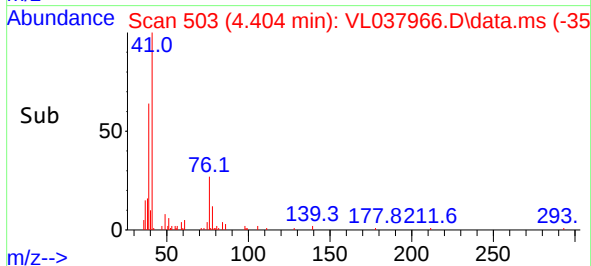
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



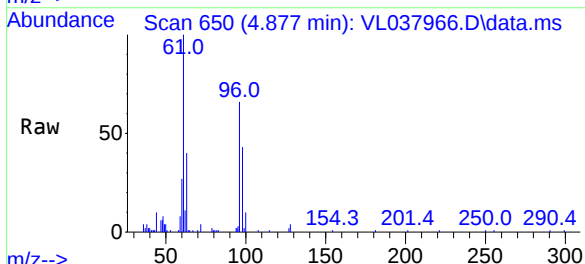
Tgt Ion: 41 Resp: 59424
 Ion Ratio Lower Upper
 41 100
 76 27.8 23.6 35.4
 39 71.1 59.7 89.5

Manual Integrations
 APPROVED

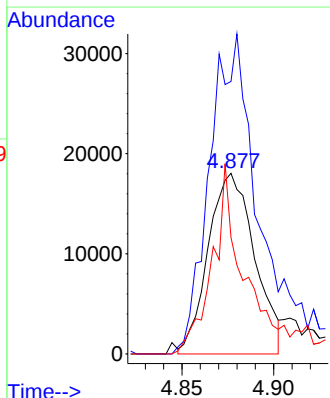
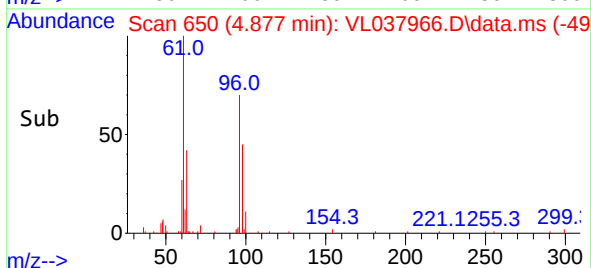
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

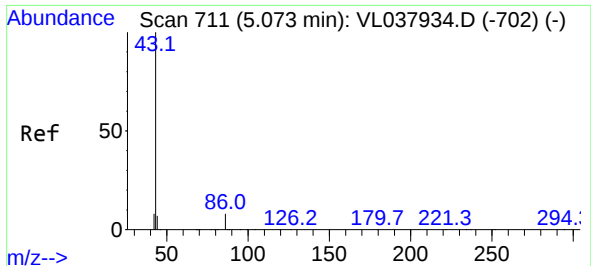


#22
 trans-1,2-Dichloroethene
 Concen: 0.465 ppbv
 RT: 4.877 min Scan# 650
 Delta R.T. -0.010 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54



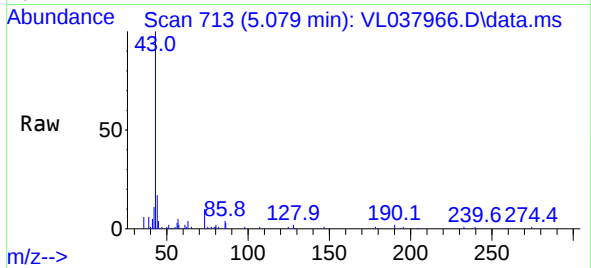
Tgt Ion: 96 Resp: 31717
 Ion Ratio Lower Upper
 96 100
 61 150.8 127.8 191.6
 98 64.5 56.9 85.3





#23
 Vinyl Acetate
 Concen: 0.434 ppbv
 RT: 5.079 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

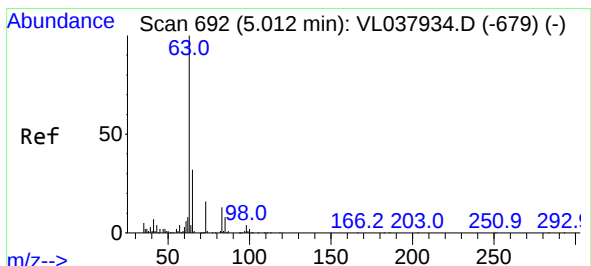
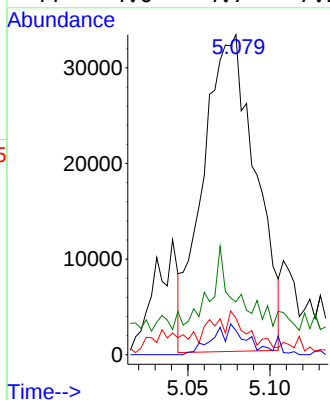
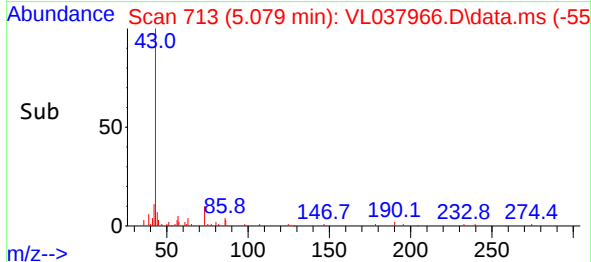
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



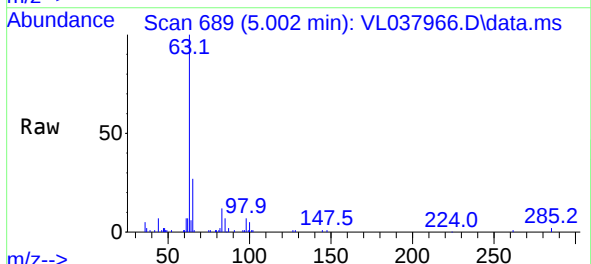
Tgt Ion: 43 Resp: 7359
 Ion Ratio Lower Upper
 43 100
 86 9.9 5.5 8.3
 42 12.1 7.4 11.2
 44 4.0 4.7 7.1

Manual Integrations
 APPROVED

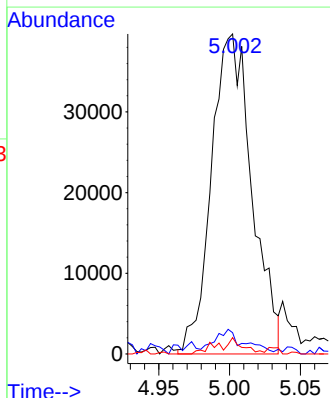
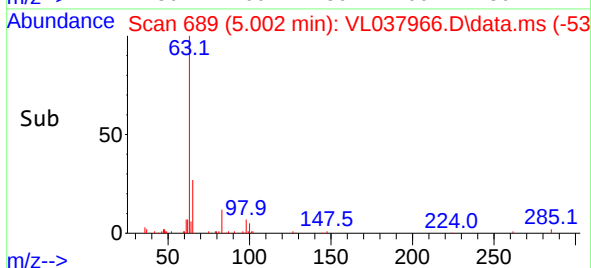
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

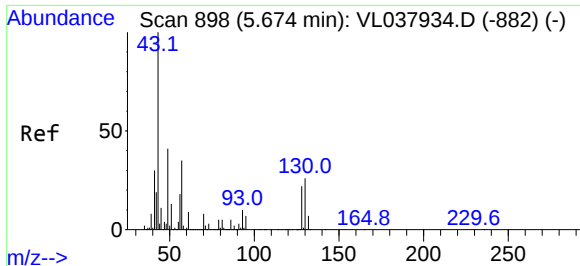


#24
 1,1-Dichloroethane
 Concen: 0.564 ppbv
 RT: 5.002 min Scan# 689
 Delta R.T. -0.010 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54



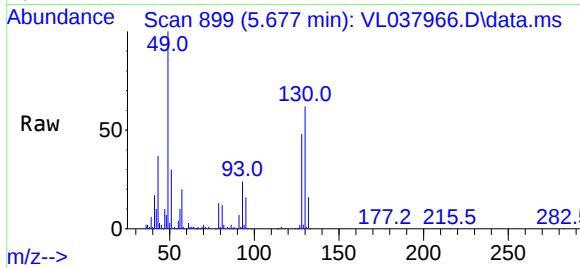
Tgt Ion: 63 Resp: 79004
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.3 6.9
 100 5.2 1.2 3.6





#25
Ethyl Acetate
Concen: 0.523 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.003 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

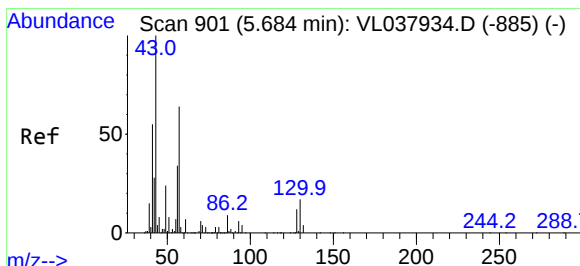
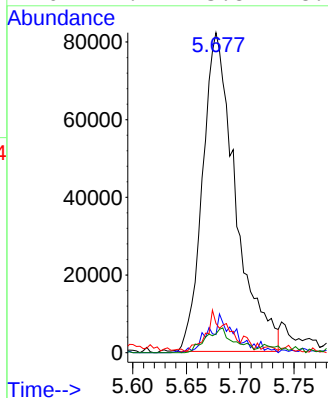
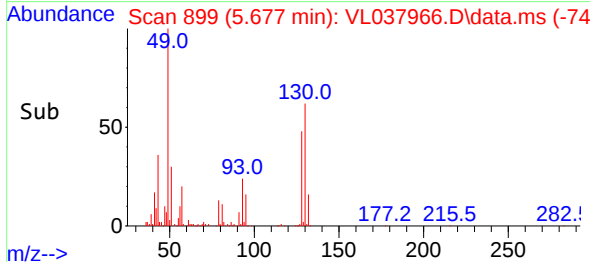
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 43 Resp: 175000
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 10.5 8.1 12.1
70 9.2 5.8 8.6#

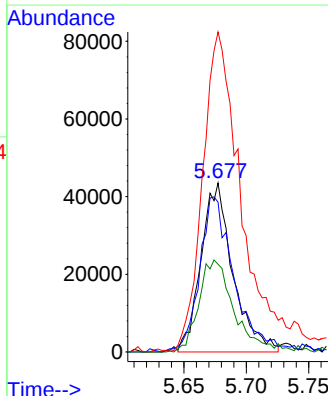
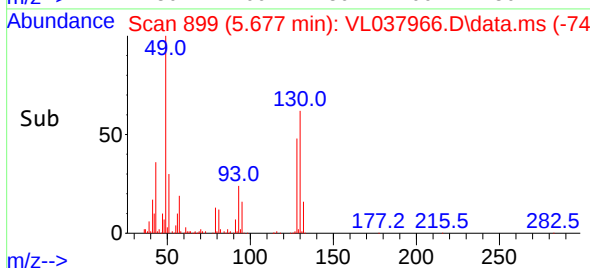
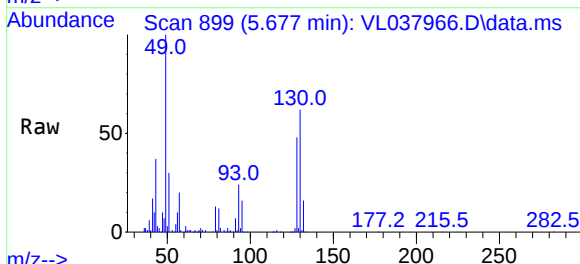
Manual Integrations
APPROVED

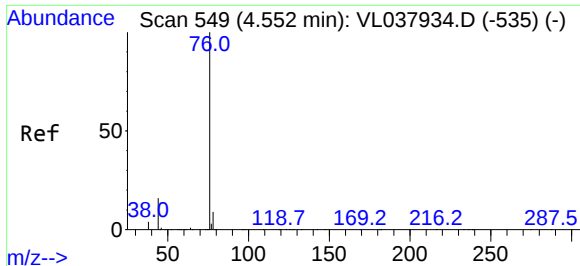
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#26
Hexane
Concen: 0.489 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

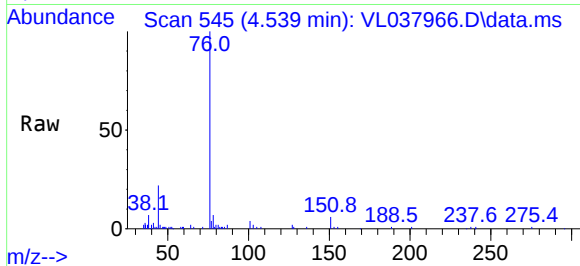
Tgt Ion: 57 Resp: 77487
Ion Ratio Lower Upper
57 100
41 103.0 71.0 106.6
43 244.8 173.0 259.6
56 60.4 43.6 65.4





#27
Carbon Disulfide
Concen: 0.502 ppbv m
RT: 4.539 min Scan# 549
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

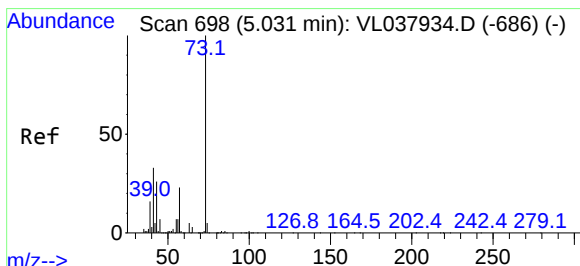
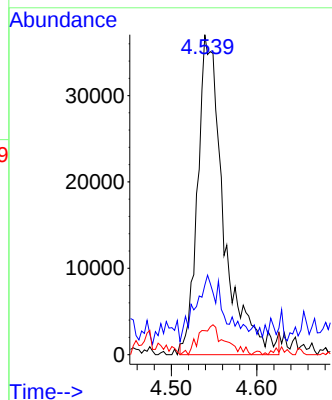
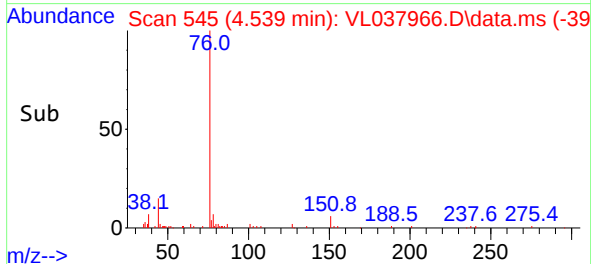
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 76 Resp: 7847
Ion Ratio Lower Upper
76 100
44 0.0 13.2 19.8
78 9.3 7.2 10.8

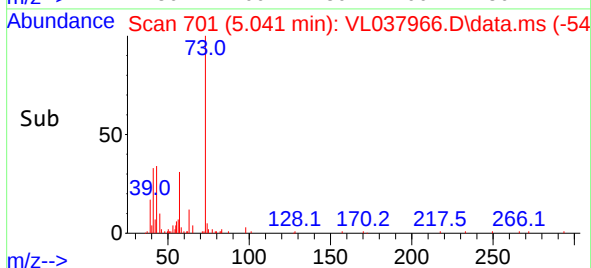
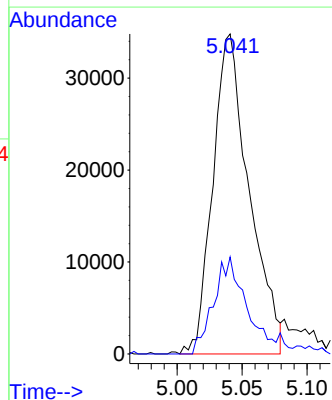
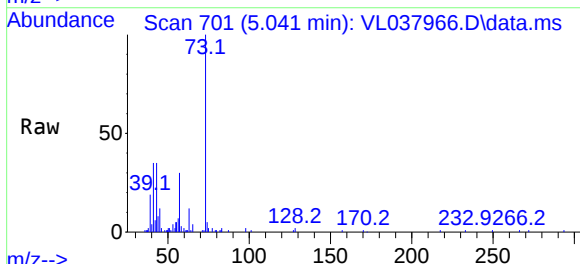
Manual Integrations
APPROVED

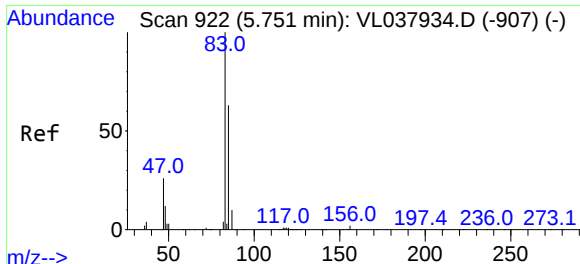
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#28
Methyl tert-Butyl Ether
Concen: 0.509 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

Tgt Ion: 73 Resp: 67730
Ion Ratio Lower Upper
73 100
57 30.2 20.1 30.1#





#29

Chloroform

Concen: 0.552 ppbv m

RT: 5.738 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL037966.D

Acq: 2 Nov 2021 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

Tgt Ion: 83 Resp: 13044

Ion Ratio Lower Upper

83 100

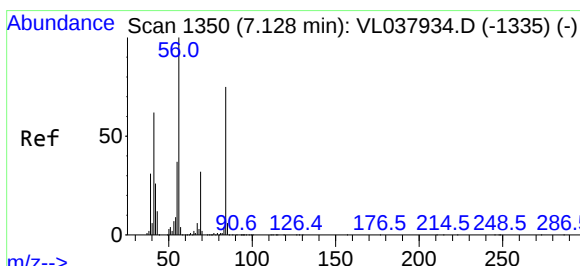
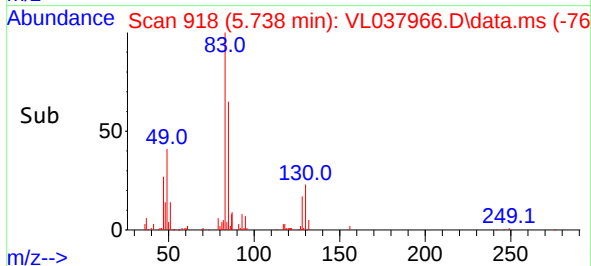
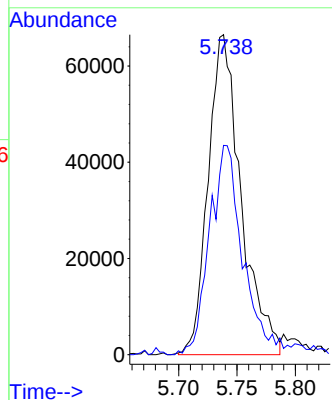
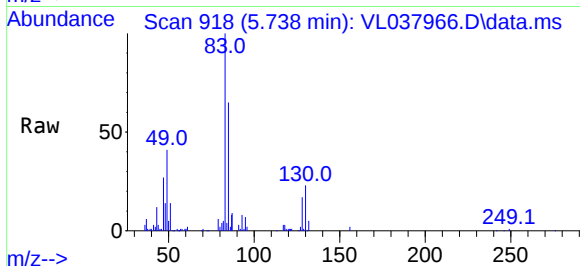
85 65.4 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/09/2021



#30

Cyclohexane

Concen: 0.556 ppbv m

RT: 7.124 min Scan# 1349

Delta R.T. -0.003 min

Lab File: VL037966.D

Acq: 2 Nov 2021 12:54

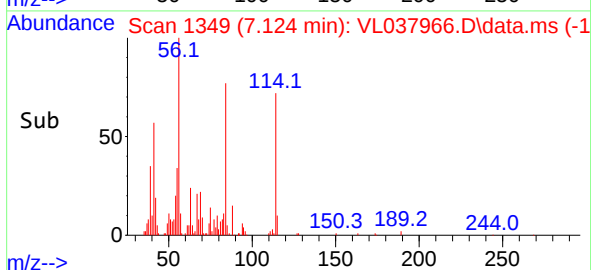
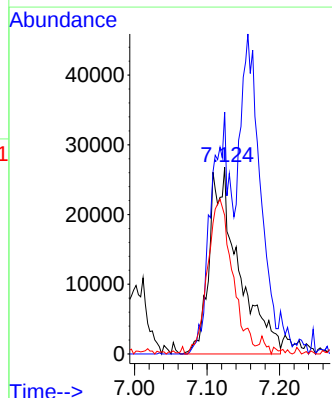
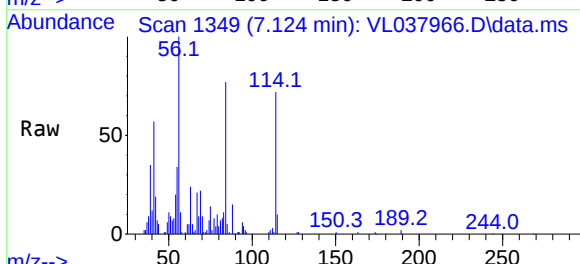
Tgt Ion: 84 Resp: 75331

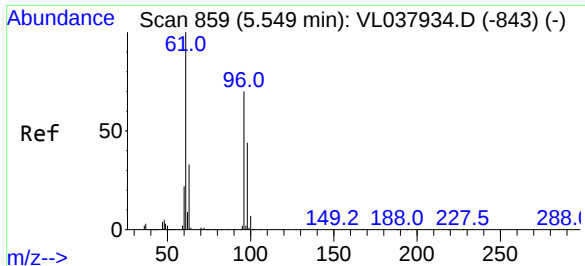
Ion Ratio Lower Upper

84 100

56 91.4 114.0 171.0#

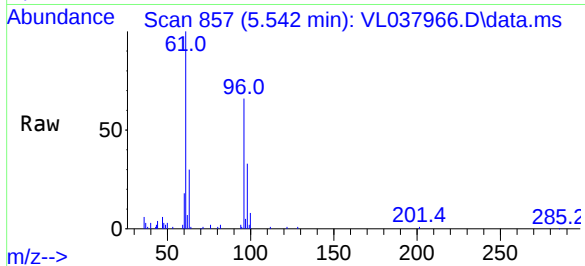
41 74.2 68.3 102.5





#31
cis-1,2-Dichloroethene
Concen: 0.488 ppbv m
RT: 5.542 min Scan# 859
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

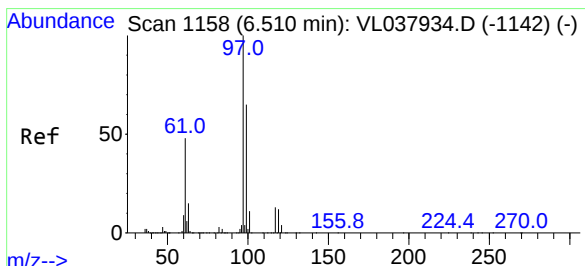
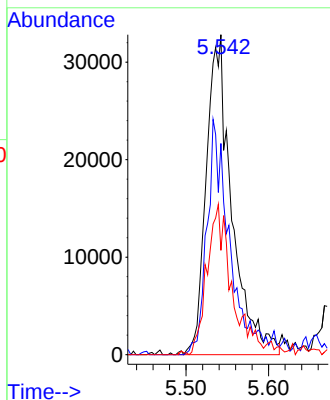
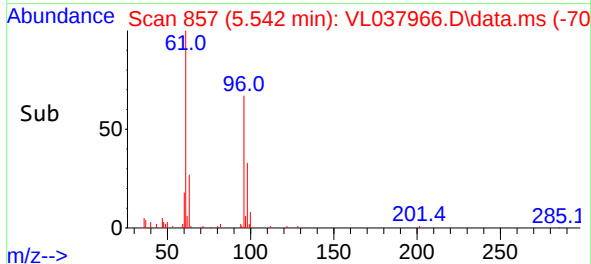
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 61 Resp: 70512
Ion Ratio Lower Upper
61 100
96 66.0 55.6 83.4
98 32.6 34.9 52.3

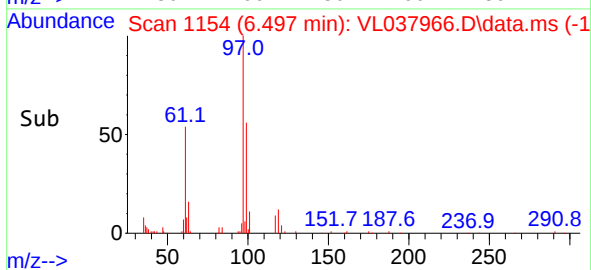
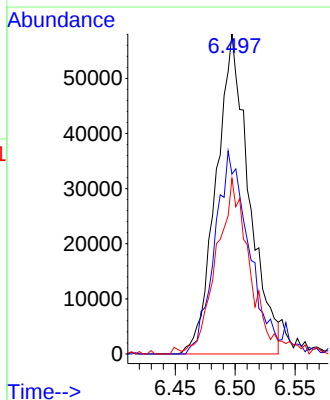
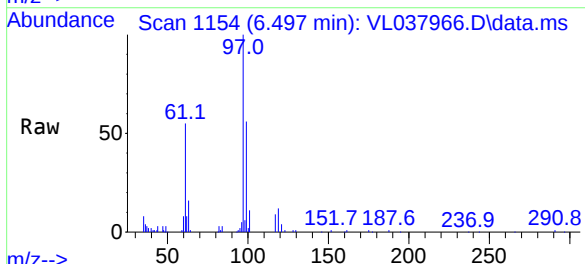
Manual Integrations
APPROVED

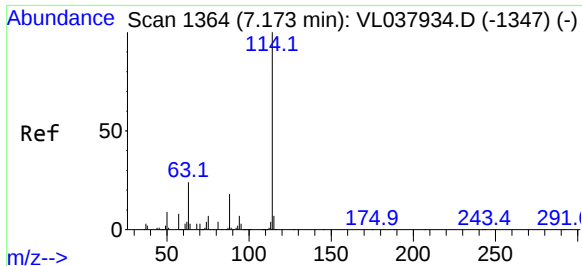
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#32
1,1,1-Trichloroethane
Concen: 0.479 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

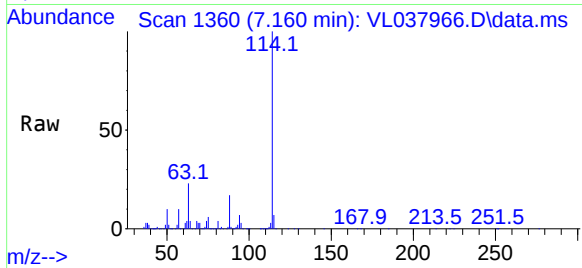
Tgt Ion: 97 Resp: 111169
Ion Ratio Lower Upper
97 100
99 68.8 52.2 78.4
61 56.7 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

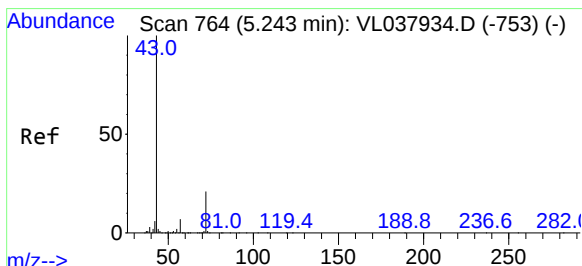
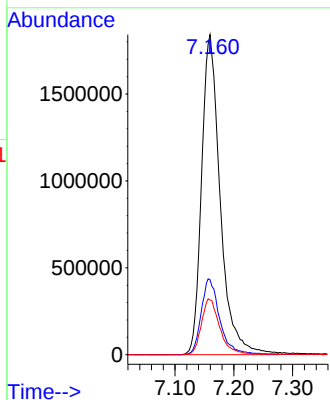
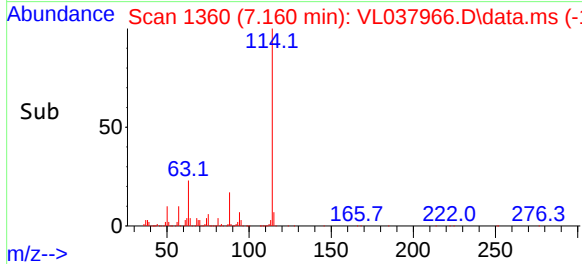
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion:114 Resp: 4049650
Ion Ratio Lower Upper
114 100
63 23.7 19.4 29.0
88 17.4 14.2 21.4

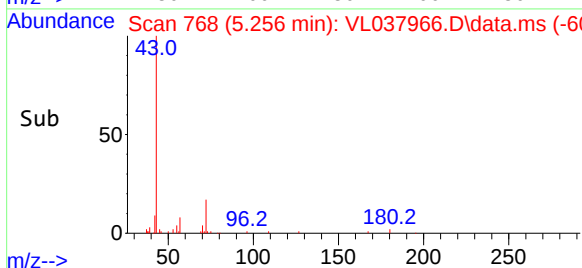
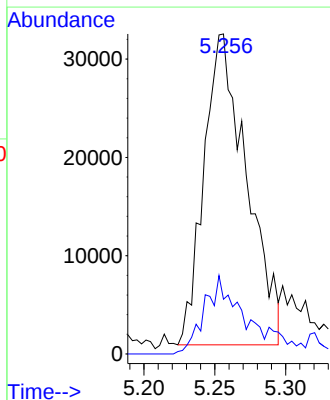
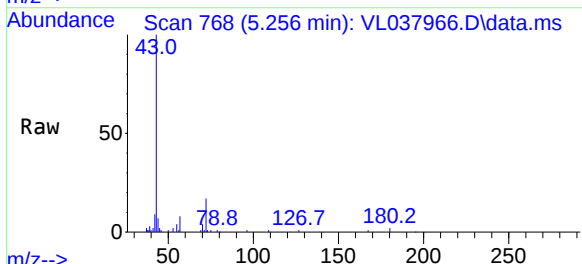
Manual Integrations
APPROVED

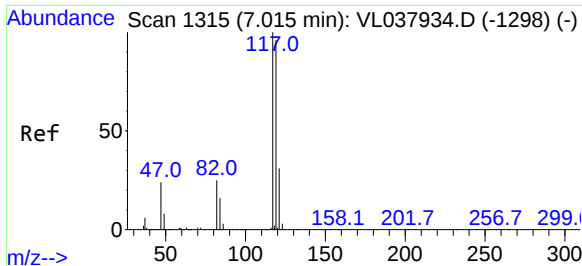
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#34
2-Butanone
Concen: 0.443 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

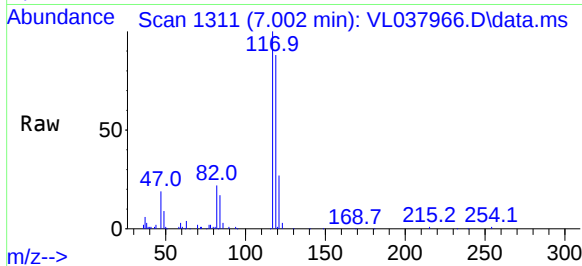
Tgt Ion: 43 Resp: 66459
Ion Ratio Lower Upper
43 100
72 25.1 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.463 ppbv
RT: 7.002 min Scan# 11324
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

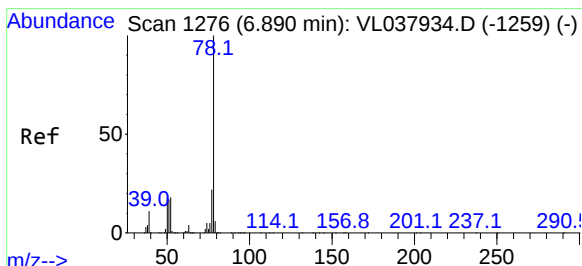
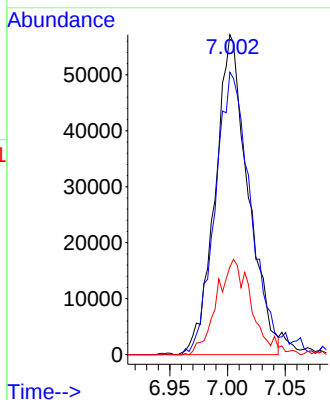
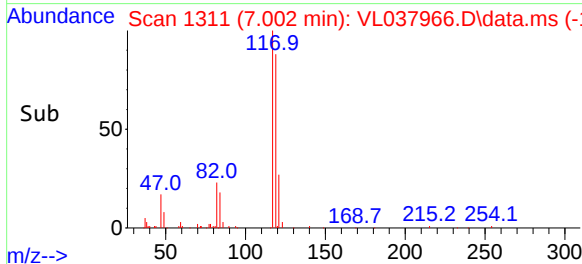
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



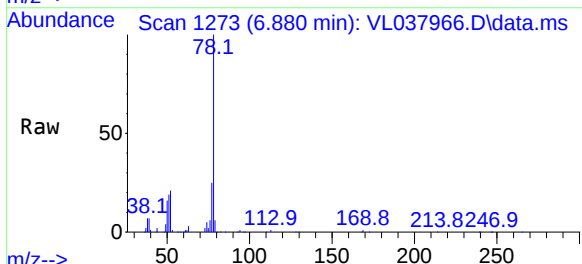
Tgt Ion: 117 Resp: 11324
Ion Ratio Lower Upper
117 100
119 88.2 76.6 114.8
121 27.5 25.1 37.7

Manual Integrations
APPROVED

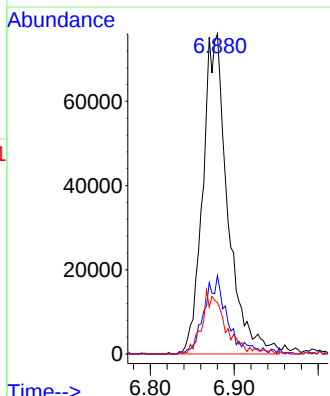
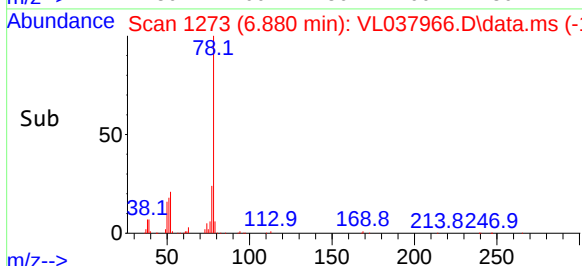
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

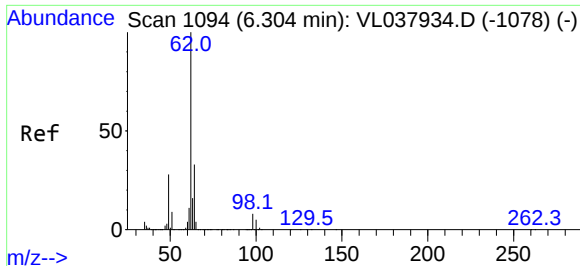


#36
Benzene
Concen: 0.478 ppbv m
RT: 6.880 min Scan# 1273
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



Tgt Ion: 78 Resp: 157643
Ion Ratio Lower Upper
78 100
77 24.5 17.9 26.9
50 16.1 14.4 21.6





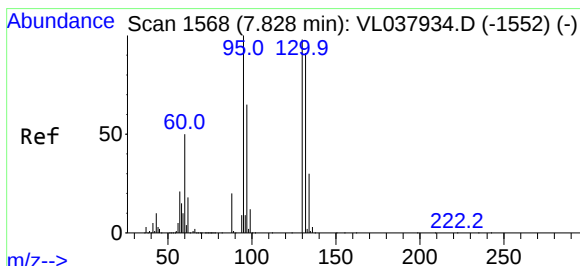
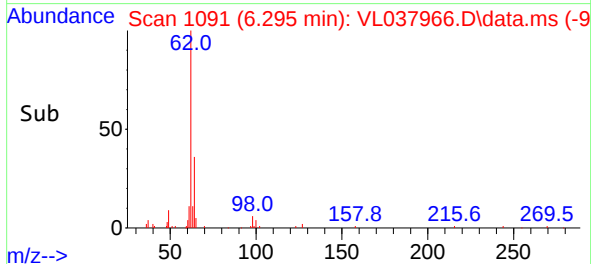
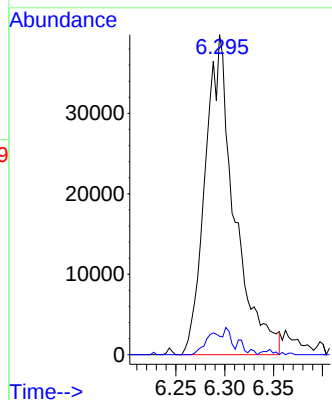
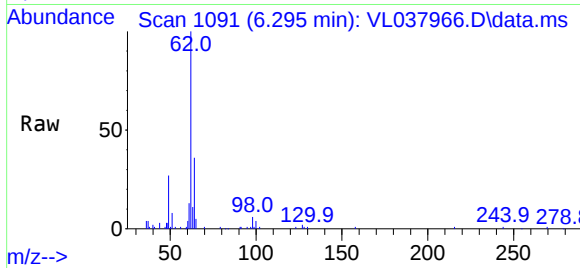
#37
1,2-Dichloroethane
Concen: 0.529 ppbv m
RT: 6.295 min Scan# 1094
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

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

Tgt Ion: 62 Resp: 8287
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7

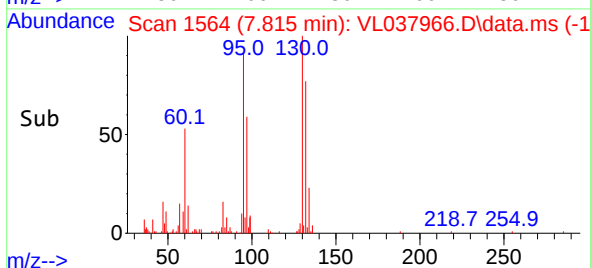
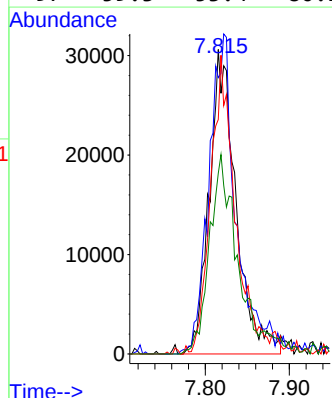
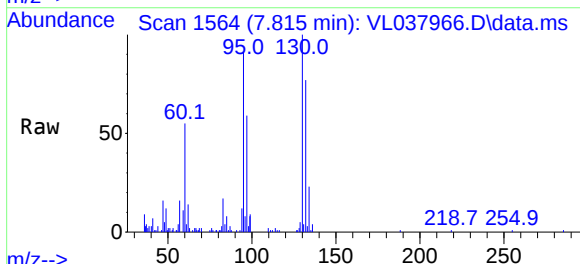
Manual Integrations
APPROVED

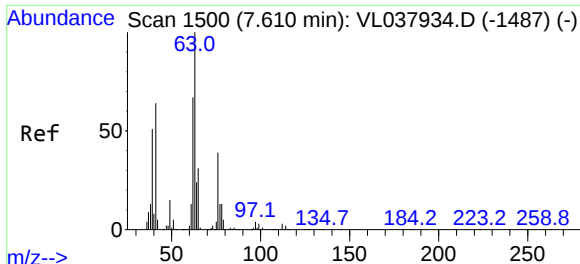
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#38
Trichloroethene
Concen: 0.493 ppbv m
RT: 7.815 min Scan# 1564
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

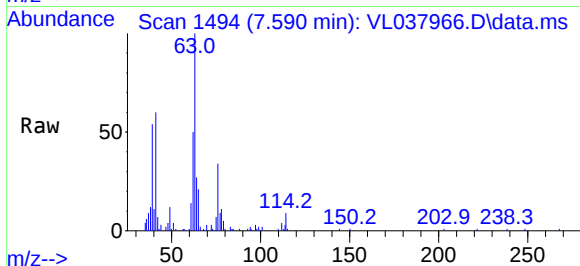
Tgt Ion:130 Resp: 67509
Ion Ratio Lower Upper
130 100
95 90.8 81.8 122.8
132 77.0 74.2 111.2
97 59.3 53.4 80.2





#39
1,2-Dichloropropane
Concen: 0.544 ppbv m
RT: 7.590 min Scan# 1487
Delta R.T. -0.019 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

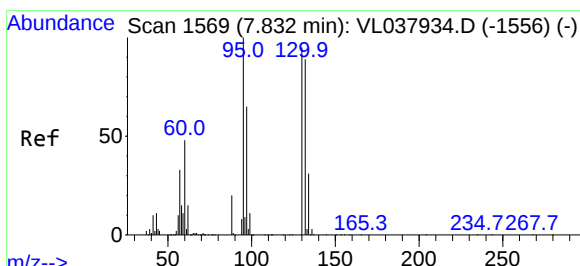
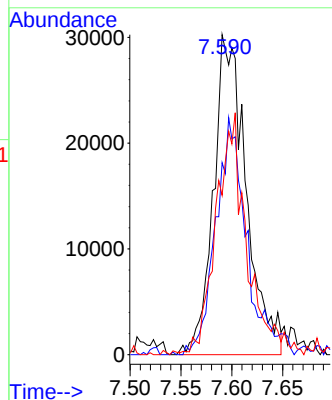
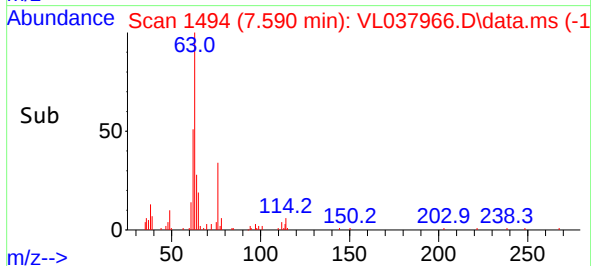
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



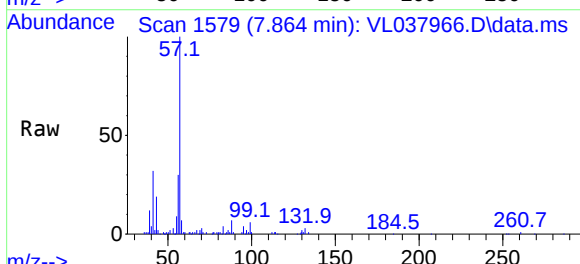
Tgt Ion: 63 Resp: 67519
Ion Ratio Lower Upper
63 100
41 60.0 51.6 77.4
62 49.8 53.5 80.3

Manual Integrations
APPROVED

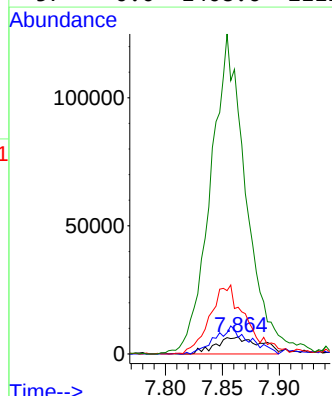
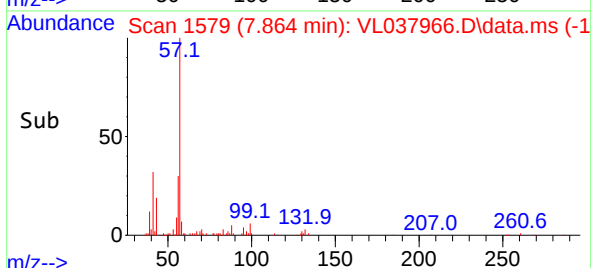
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

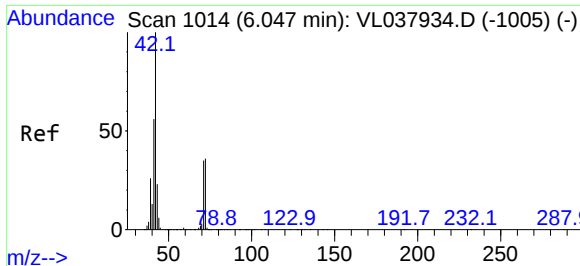


#40
1,4-Dioxane
Concen: 0.545 ppbv m
RT: 7.864 min Scan# 1579
Delta R.T. 0.032 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



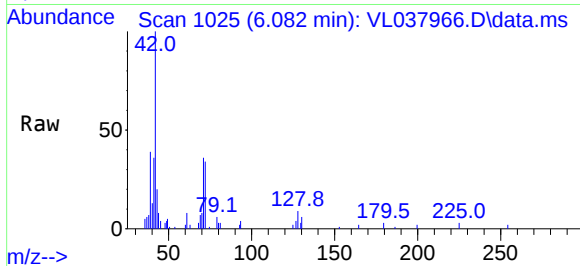
Tgt Ion: 88 Resp: 17799
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 0.446 ppbv m
RT: 6.082 min Scan# 1014
Delta R.T. 0.035 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

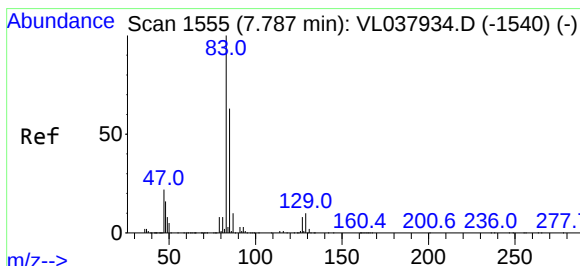
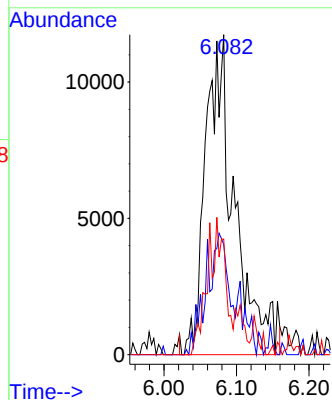
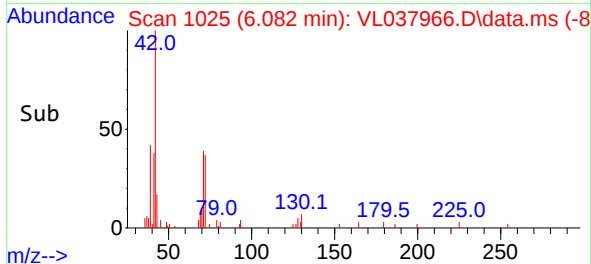
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 42 Resp: 32760
Ion Ratio Lower Upper
42 100
72 0.0 31.5 47.3
71 0.0 30.5 45.7

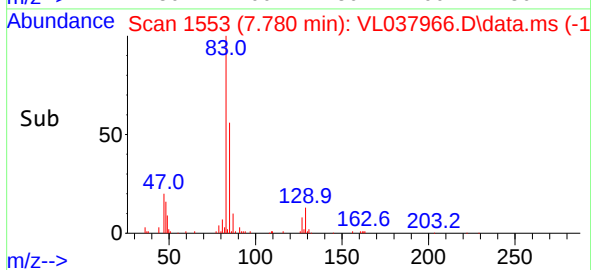
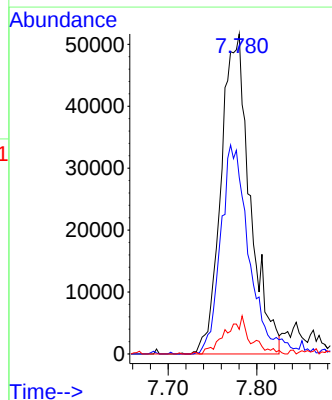
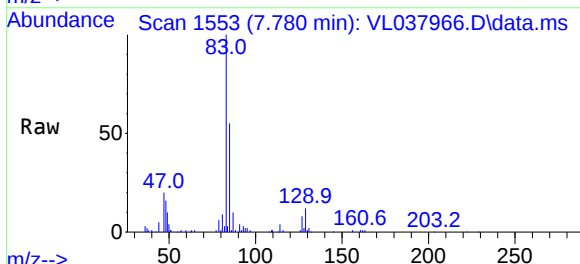
Manual Integrations
APPROVED

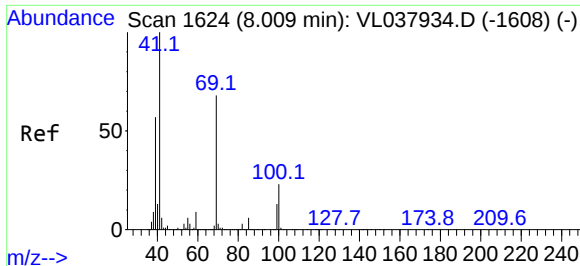
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#42
Bromodichloromethane
Concen: 0.493 ppbv m
RT: 7.780 min Scan# 1553
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

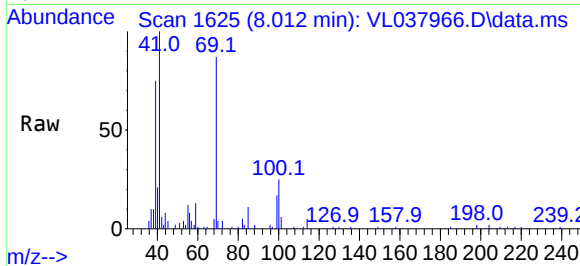
Tgt Ion: 83 Resp: 116826
Ion Ratio Lower Upper
83 100
85 55.2 50.1 75.1
127 7.7 6.1 9.1





#43
Methyl Methacrylate
Concen: 0.409 ppbv m
RT: 8.012 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

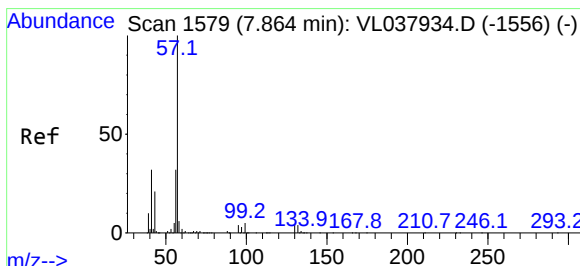
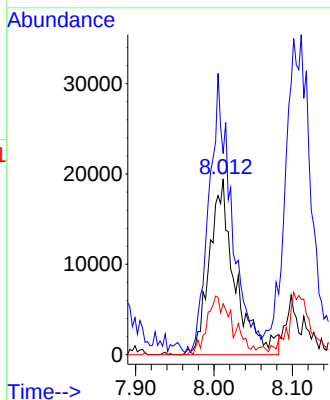
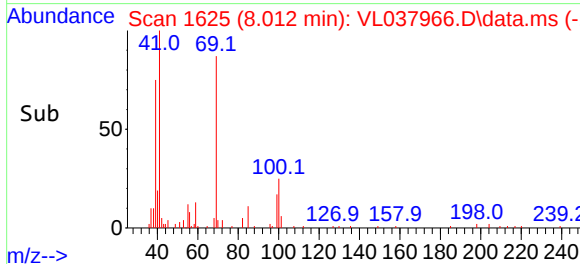
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 69 Resp: 4423
Ion Ratio Lower Upper
69 100
41 131.9 117.4 176.2
100 33.6 27.8 41.6

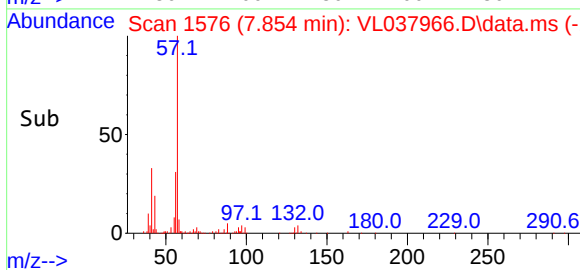
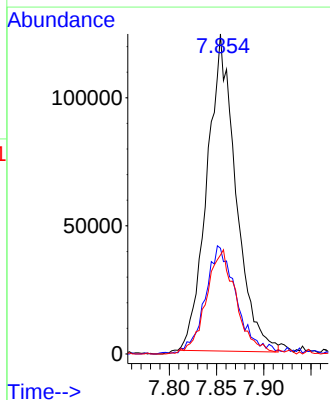
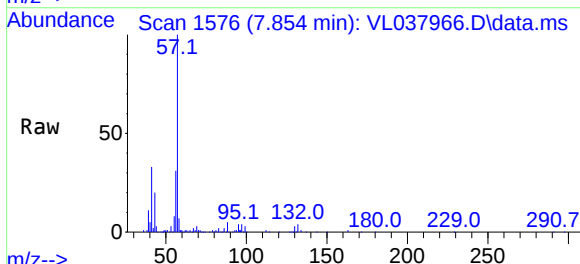
Manual Integrations
APPROVED

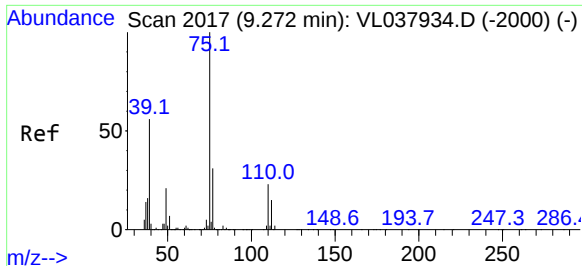
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#44
2,2,4-Trimethylpentane
Concen: 0.470 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

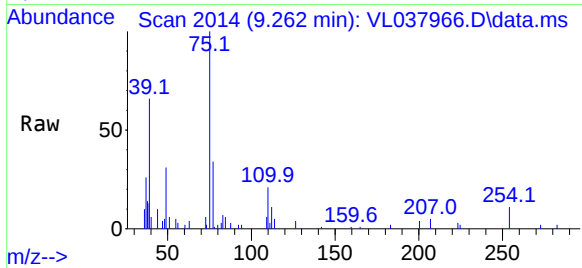
Tgt Ion: 57 Resp: 263511
Ion Ratio Lower Upper
57 100
41 37.9 25.8 38.8
56 34.5 25.9 38.9





#45
t-1,3-Dichloropropene
Concen: 0.372 ppbv m
RT: 9.262 min Scan# 2017
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

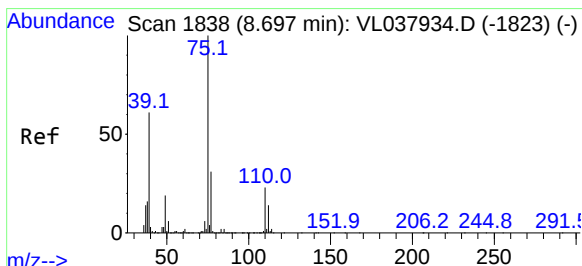
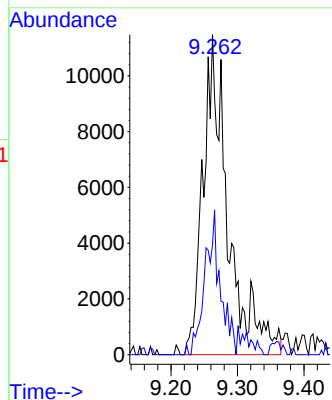
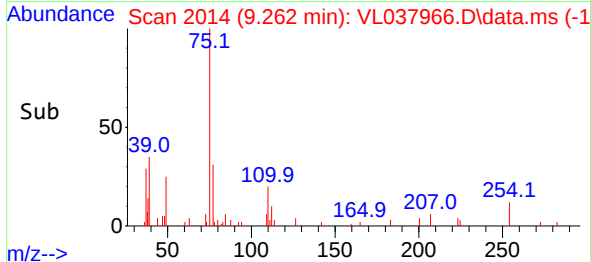
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 75 Resp: 2955
Ion Ratio Lower Upper
75 100
77 34.4 25.2 37.8

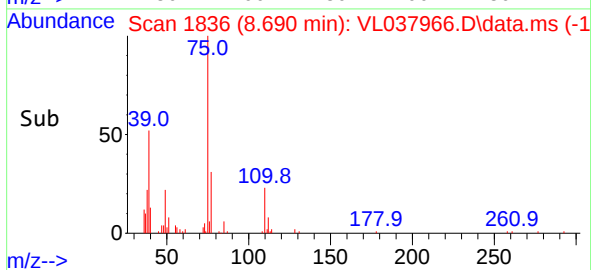
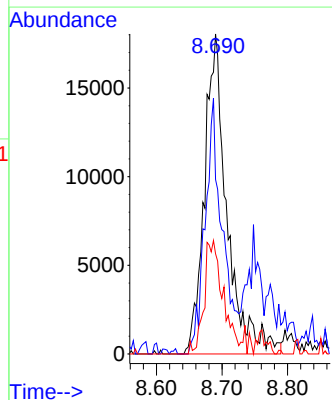
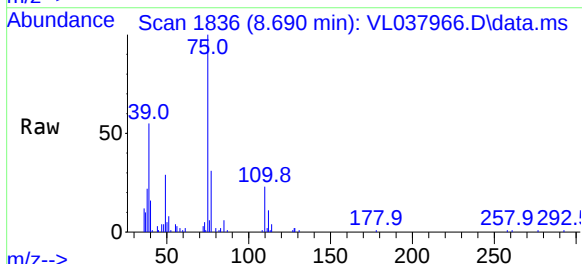
Manual Integrations
APPROVED

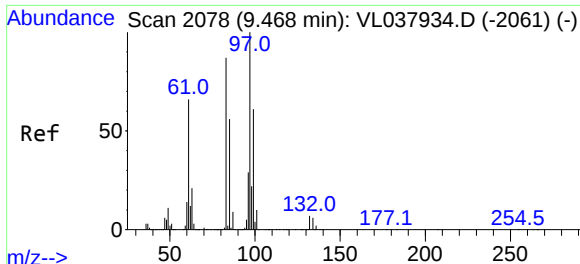
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#46
cis-1,3-Dichloropropene
Concen: 0.394 ppbv m
RT: 8.690 min Scan# 1836
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

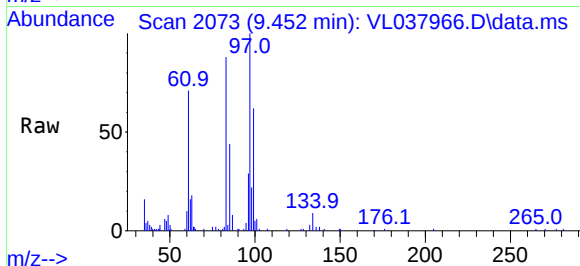
Tgt Ion: 75 Resp: 43136
Ion Ratio Lower Upper
75 100
39 54.5 48.8 73.2
77 31.3 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 0.482 ppbv
RT: 9.452 min Scan# 2078
Delta R.T. -0.016 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

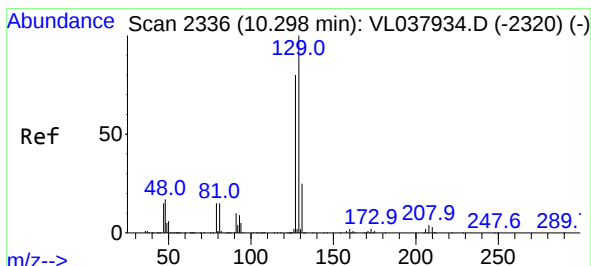
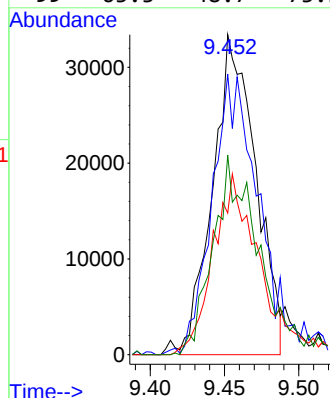
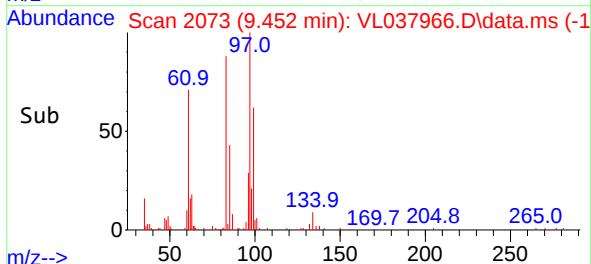
Instrument : MSVOA_L
ClientSampleId : VL037966.D
LOQ-AIR-02-QT4-2021



Tgt Ion: 97 Resp: 67199
Ion Ratio Lower Upper
97 100
83 88.5 69.4 104.2
85 42.7 45.0 67.6
99 63.3 48.7 73.1

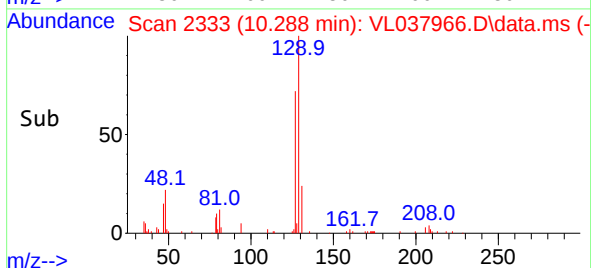
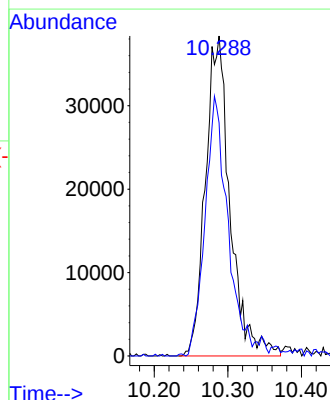
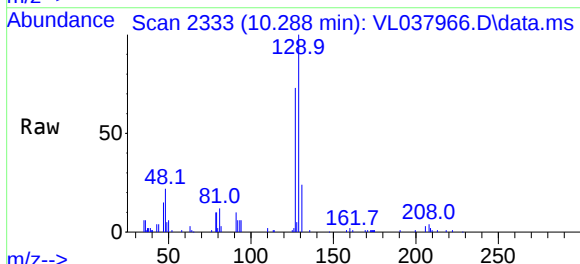
Manual Integrations
APPROVED

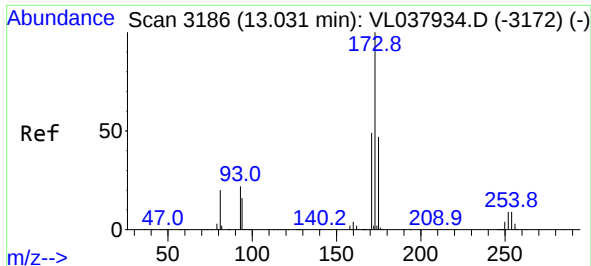
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#48
Dibromochloromethane
Concen: 0.451 ppbv m
RT: 10.288 min Scan# 2333
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

Tgt Ion:129 Resp: 89081
Ion Ratio Lower Upper
129 100
127 78.1 40.3 120.9





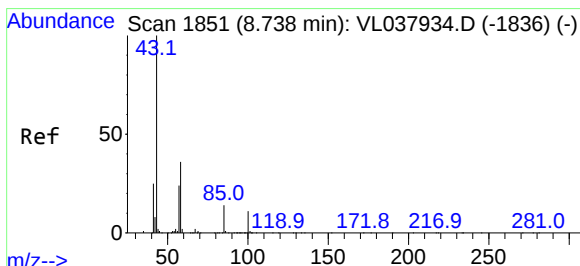
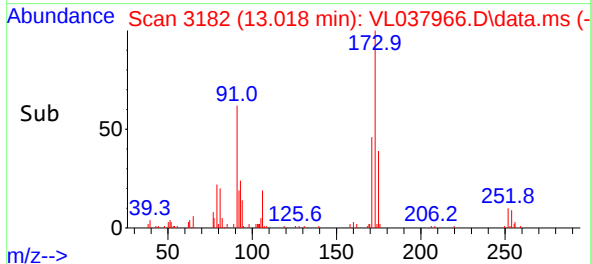
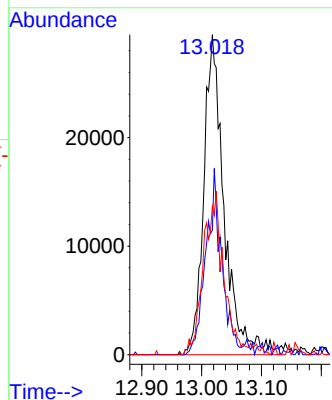
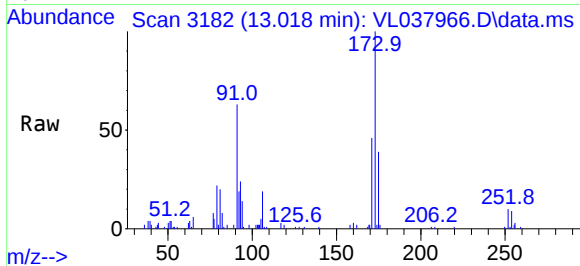
#49
Bromoform
Concen: 0.448 ppbv m
RT: 13.018 min Scan# 3186
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

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

Tgt Ion:173 Resp: 69864
Ion Ratio Lower Upper
173 100
175 47.4 39.5 59.3
171 51.8 43.6 65.4

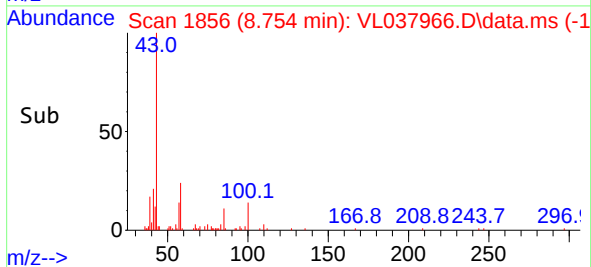
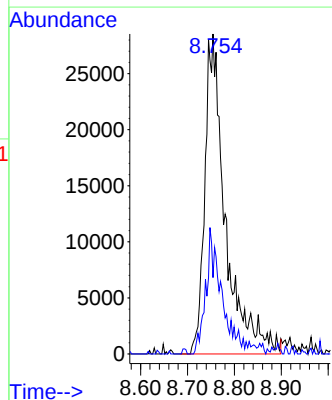
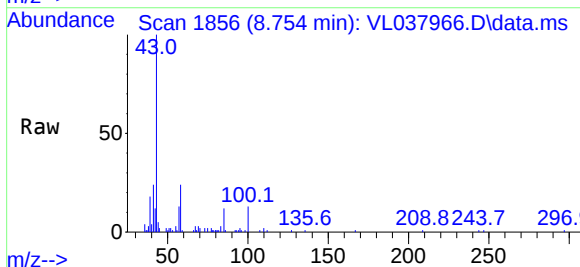
Manual Integrations
APPROVED

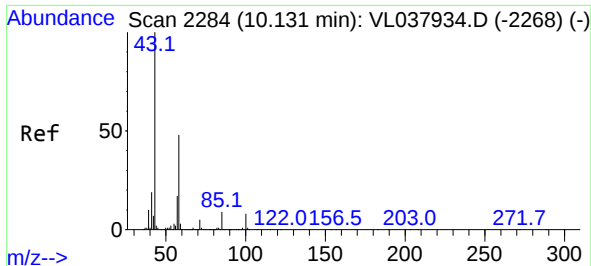
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#50
4-Methyl-2-Pentanone
Concen: 0.442 ppbv m
RT: 8.754 min Scan# 1856
Delta R.T. 0.016 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

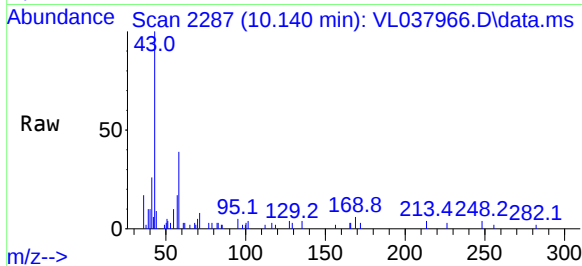
Tgt Ion: 43 Resp: 87134
Ion Ratio Lower Upper
43 100
58 30.0 28.8 43.2





#51
2-Hexanone
Concen: 0.360 ppbv m
RT: 10.140 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

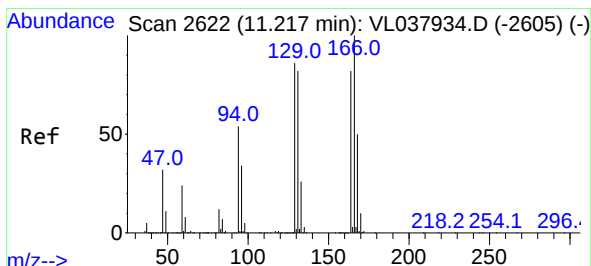
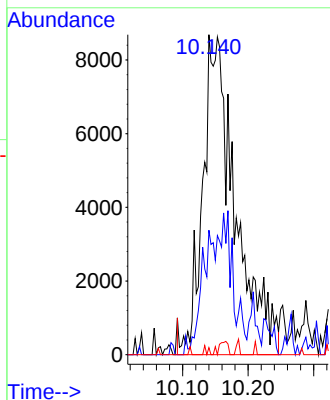
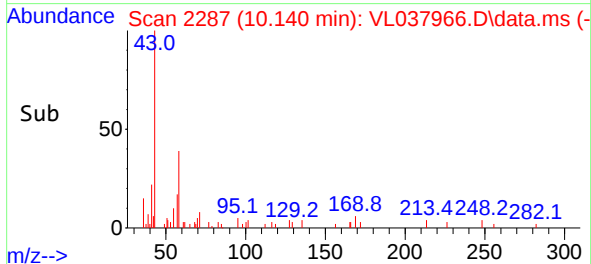
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



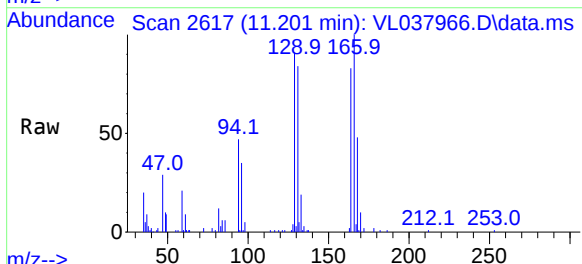
Tgt Ion: 43 Resp: 29870
Ion Ratio Lower Upper
43 100
58 0.0 38.6 57.8
98 0.0 1.0 1.4

Manual Integrations
APPROVED

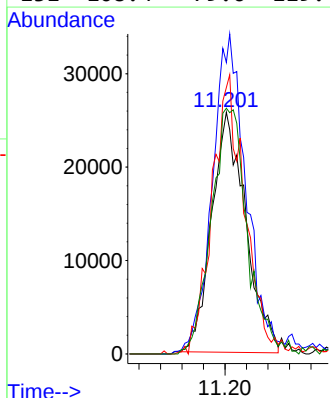
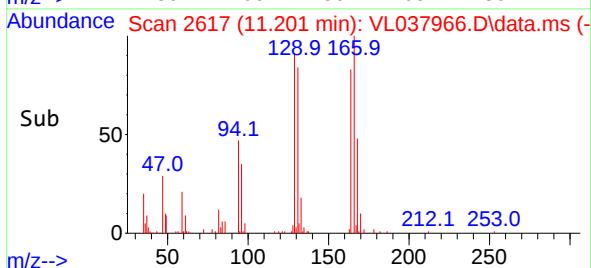
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

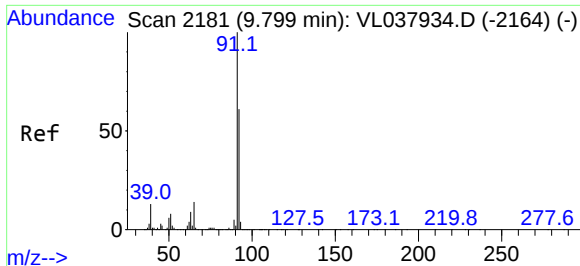


#52
Tetrachloroethene
Concen: 0.455 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. -0.016 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



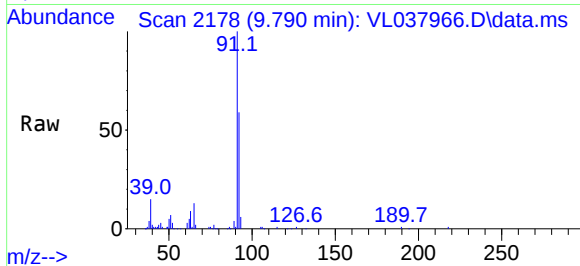
Tgt Ion:164 Resp: 56883
Ion Ratio Lower Upper
164 100
166 120.5 97.6 146.4
129 110.5 84.2 126.2
131 108.4 79.6 119.4





#53
Toluene
Concen: 0.411 ppbv m
RT: 9.790 min Scan# 2181
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

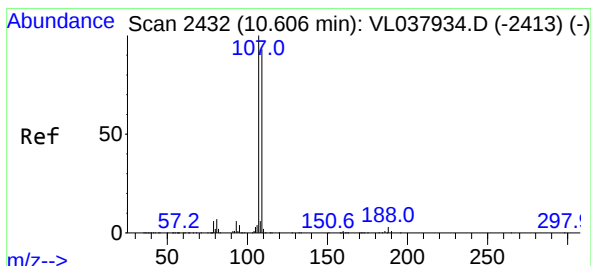
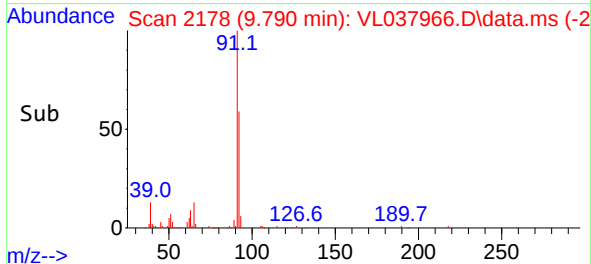
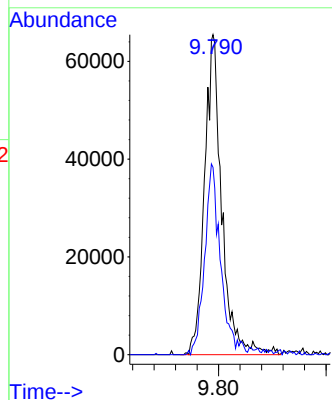
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 91 Resp: 145264
Ion Ratio Lower Upper
91 100
92 56.6 48.2 72.4

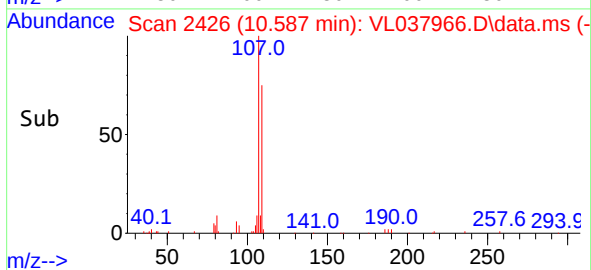
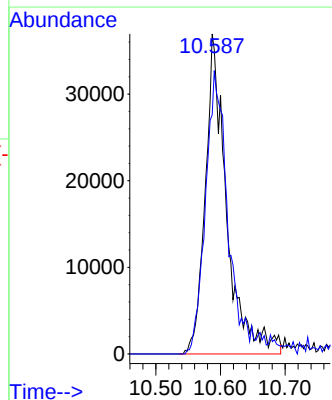
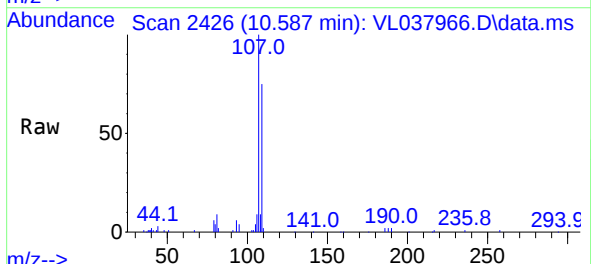
Manual Integrations
APPROVED

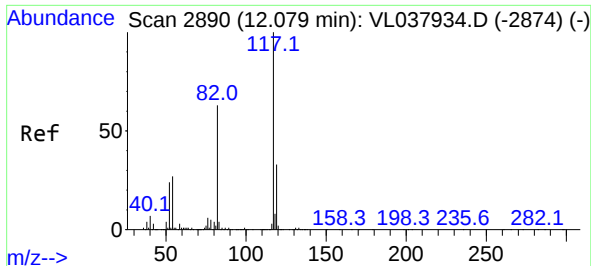
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#54
1,2-Dibromoethane
Concen: 0.473 ppbv m
RT: 10.587 min Scan# 2426
Delta R.T. -0.019 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

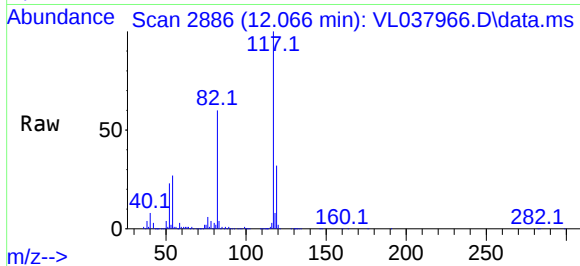
Tgt Ion:107 Resp: 85052
Ion Ratio Lower Upper
107 100
109 74.8 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

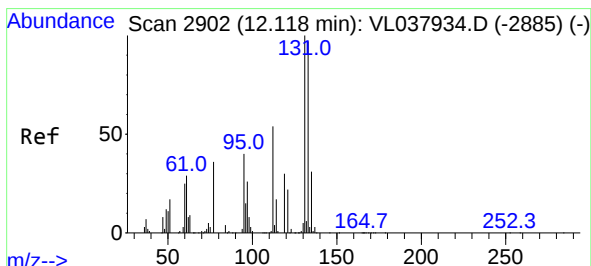
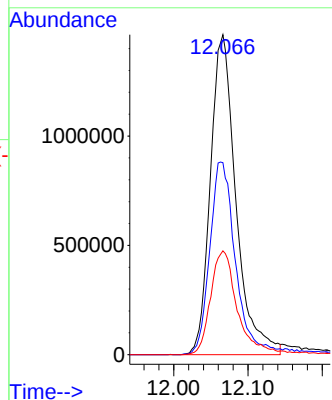
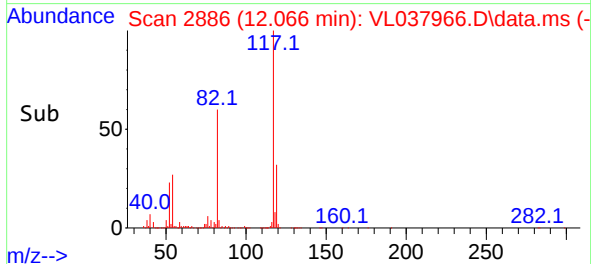
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



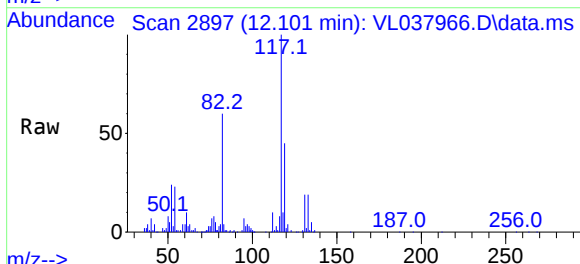
Tgt Ion:117 Resp: 349781
Ion Ratio Lower Upper
117 100
82 63.2 51.0 76.6
119 34.6 26.9 40.3

Manual Integrations
APPROVED

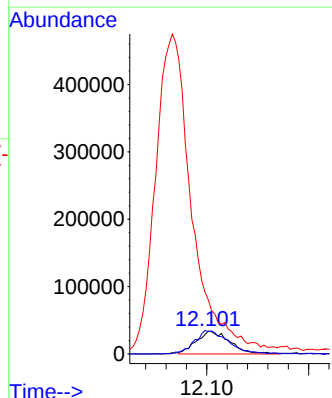
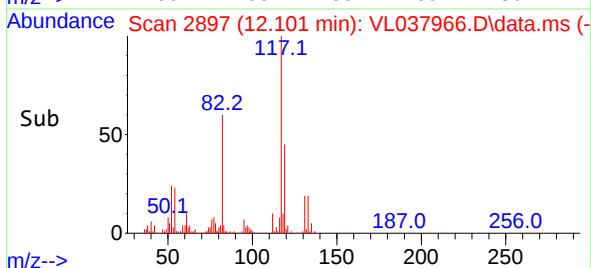
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

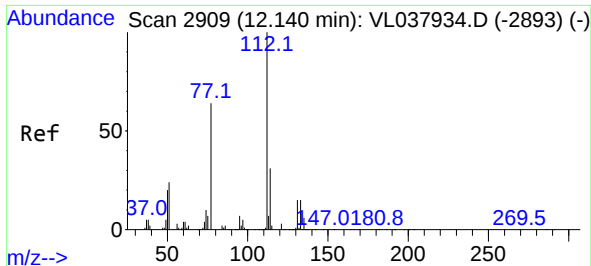


#56
1,1,1,2-Tetrachloroethane
Concen: 0.543 ppbv m
RT: 12.101 min Scan# 2897
Delta R.T. -0.016 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



Tgt Ion:131 Resp: 76628
Ion Ratio Lower Upper
131 100
133 0.0 79.6 119.4#
119 0.0 125.4 188.2#





#57

Chlorobenzene

Concen: 0.560 ppbv

RT: 12.121 min Scan# 2909

Delta R.T. -0.019 min

Lab File: VL037966.D

Acq: 2 Nov 2021 12:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

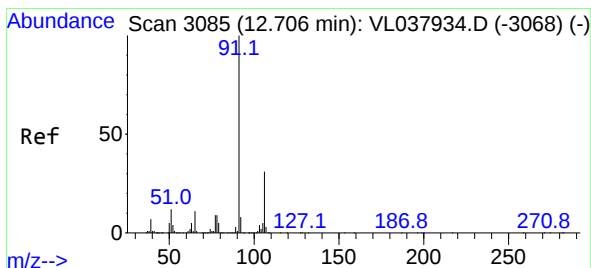
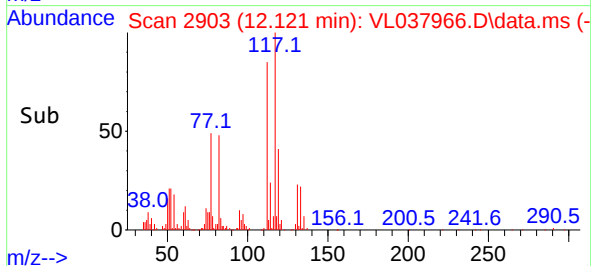
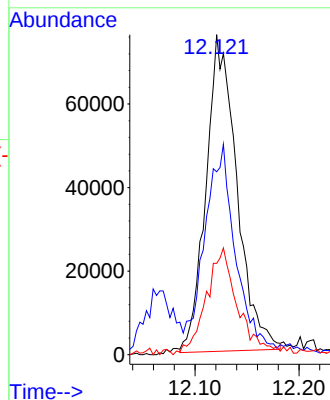
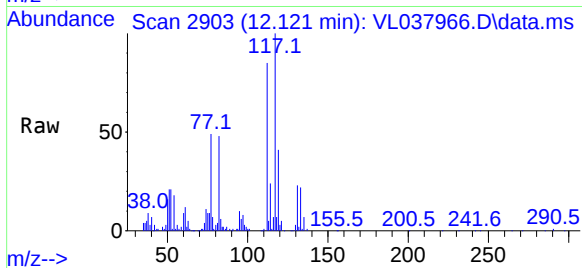
Tgt Ion:112 Resp: 156227

Ion	Ratio	Lower	Upper
112	100		
77	54.9	51.1	76.7
114	28.2	27.9	34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#58

Ethyl Benzene

Concen: 0.418 ppbv

RT: 12.693 min Scan# 3081

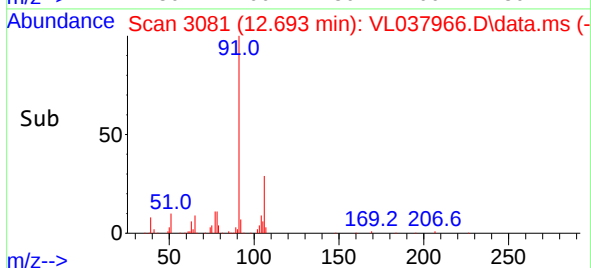
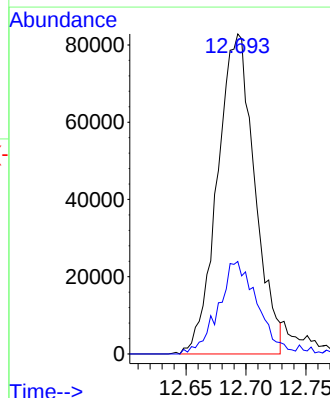
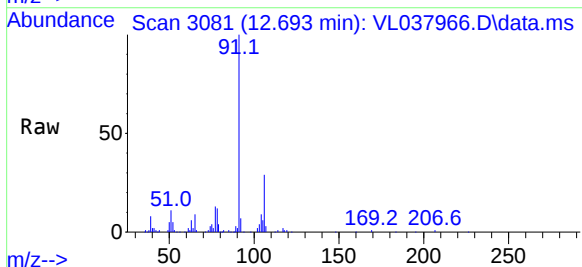
Delta R.T. -0.013 min

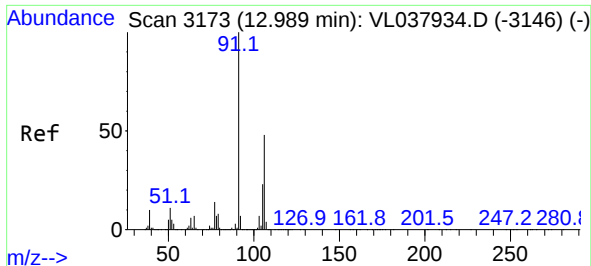
Lab File: VL037966.D

Acq: 2 Nov 2021 12:54

Tgt Ion: 91 Resp: 178767

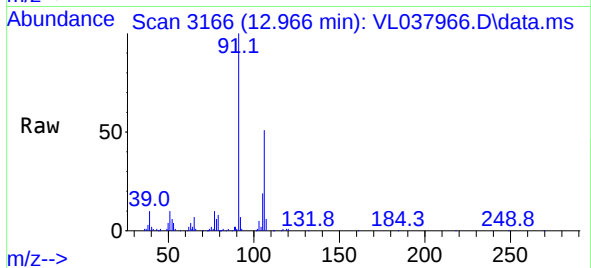
Ion	Ratio	Lower	Upper
91	100		
106	28.9	25.1	37.7





#59
m/p-Xylene
Concen: 0.957 ppbv m
RT: 12.966 min Scan# 3173
Delta R.T. -0.023 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

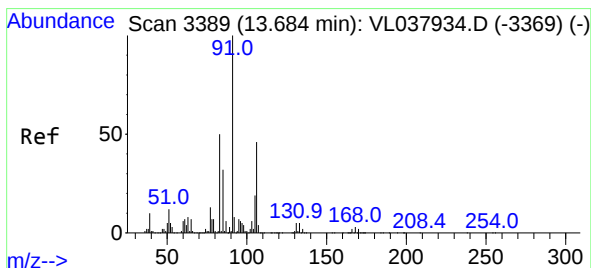
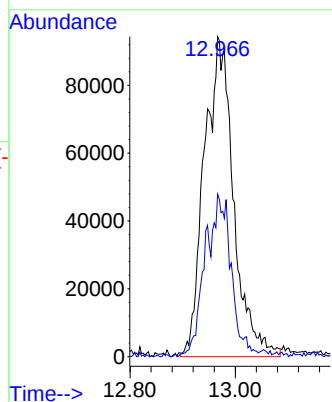
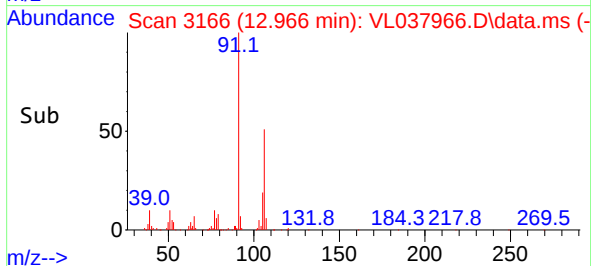
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 91 Resp: 36387
Ion Ratio Lower Upper
91 100
106 0.0 37.1 55.7

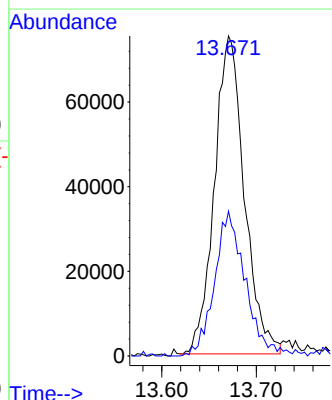
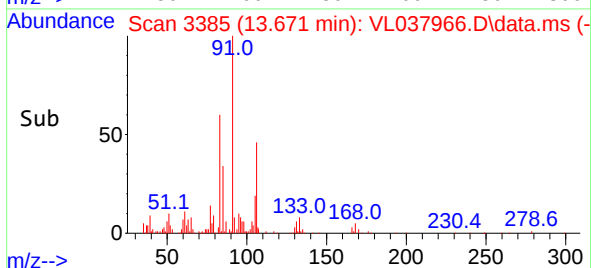
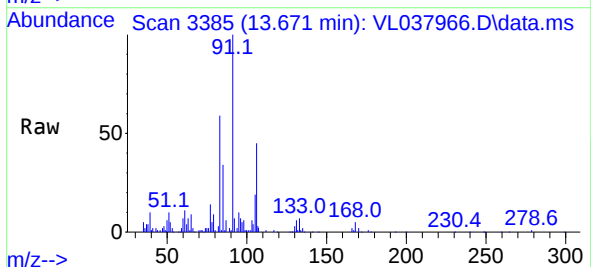
Manual Integrations
APPROVED

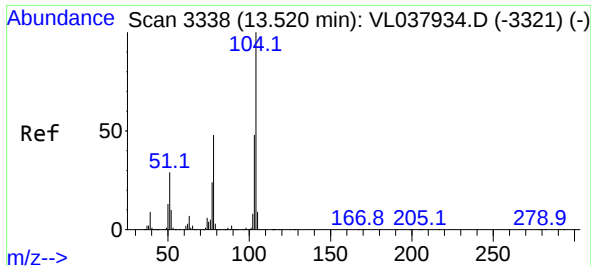
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#60
o-Xylene
Concen: 0.462 ppbv
RT: 13.671 min Scan# 3385
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

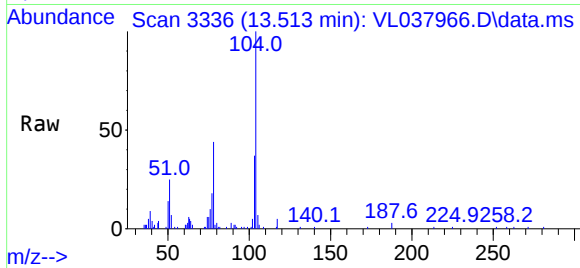
Tgt Ion: 91 Resp: 165511
Ion Ratio Lower Upper
91 100
106 46.9 23.5 70.6





#61
Styrene
Concen: 0.353 ppbv m
RT: 13.513 min Scan# 3336
Delta R.T. -0.007 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

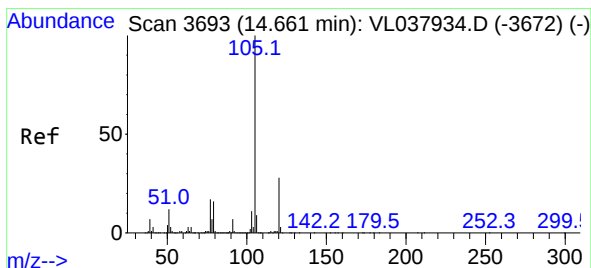
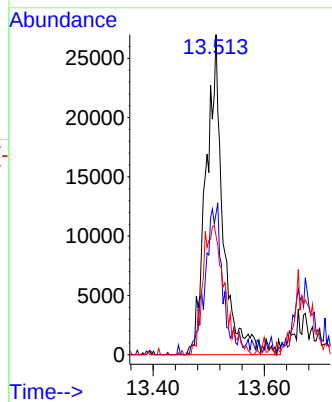
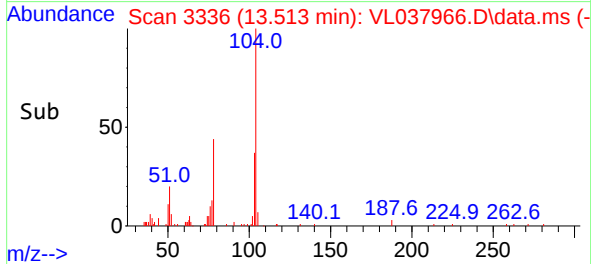
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion:104 Resp: 58112
Ion Ratio Lower Upper
104 100
78 0.0 39.3 58.9
103 0.0 39.6 59.4

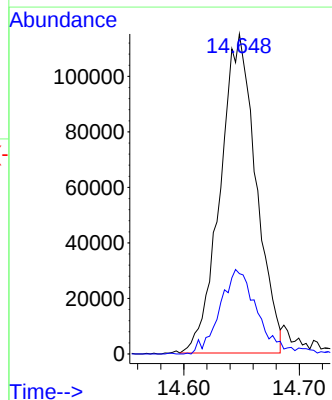
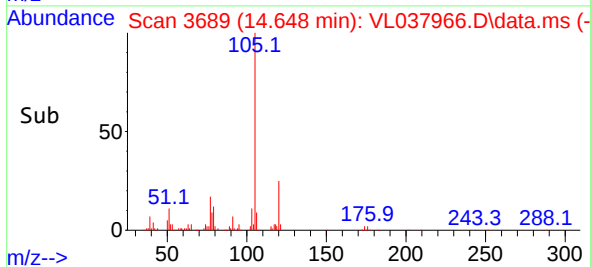
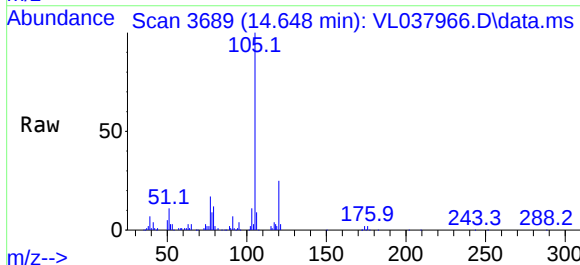
Manual Integrations
APPROVED

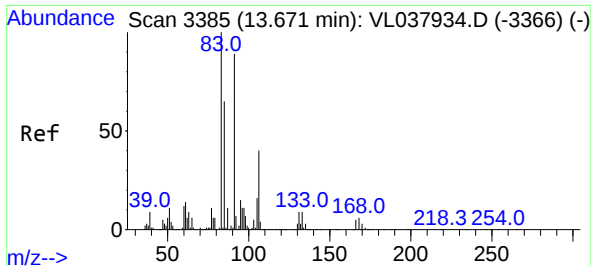
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#62
Isopropylbenzene
Concen: 0.490 ppbv
RT: 14.648 min Scan# 3689
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

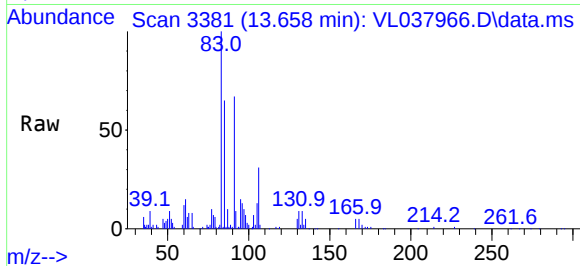
Tgt Ion:105 Resp: 248825
Ion Ratio Lower Upper
105 100
120 28.4 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.497 ppbv
RT: 13.658 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

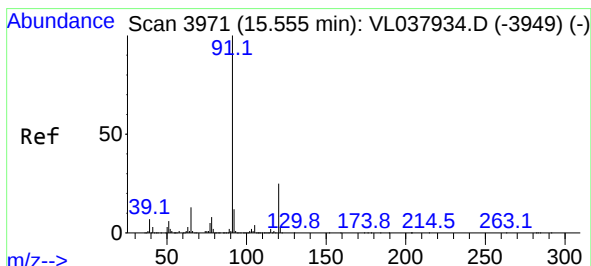
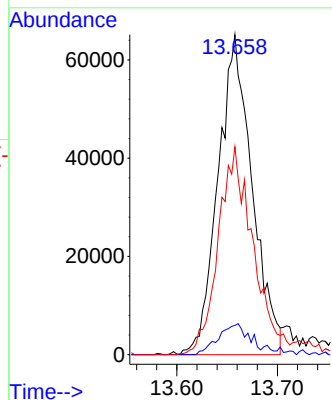
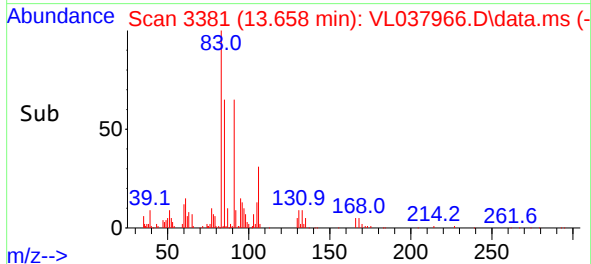
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



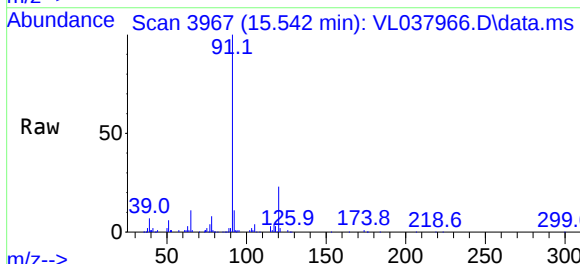
Tgt Ion: 83 Resp: 153428
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 69.1 32.5 97.5

Manual Integrations
APPROVED

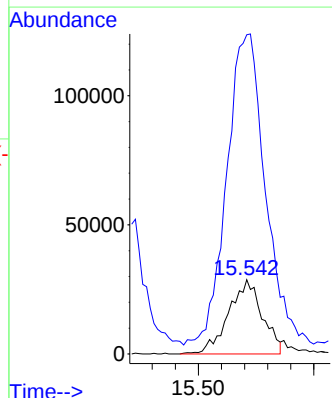
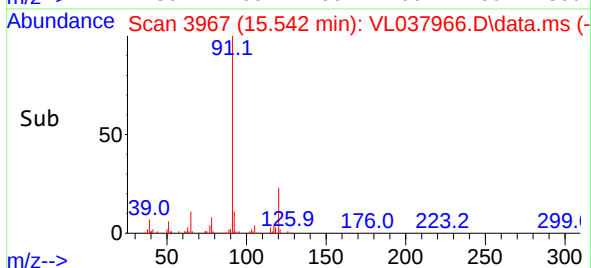
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

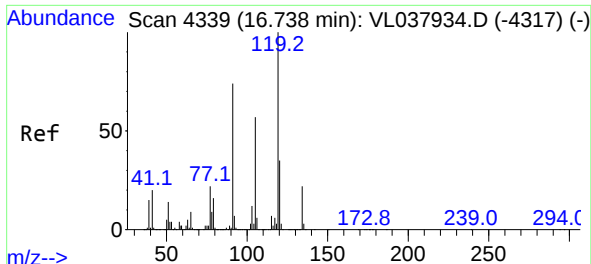


#64
n-propylbenzene
Concen: 0.448 ppbv
RT: 15.542 min Scan# 3967
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



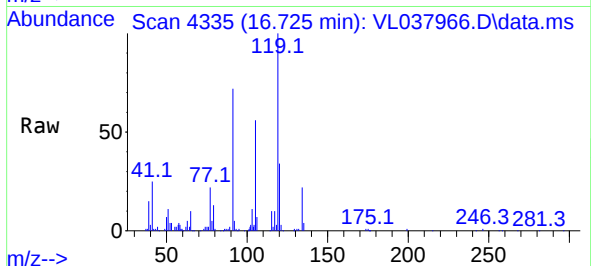
Tgt Ion:120 Resp: 58238
Ion Ratio Lower Upper
120 100
91 538.3 363.3 544.9





#65
tert-Butylbenzene
Concen: 0.500 ppbv
RT: 16.725 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

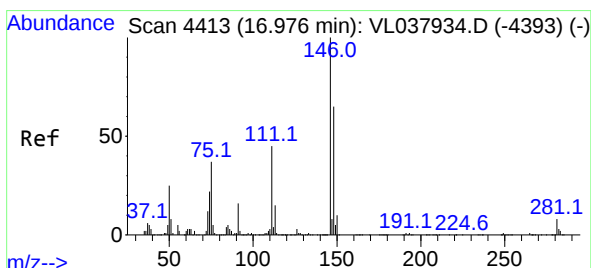
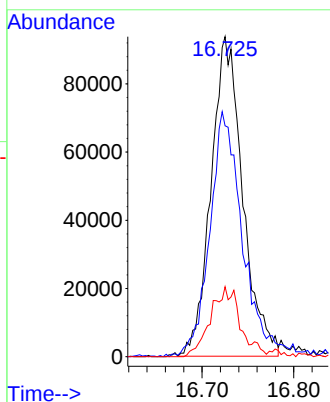
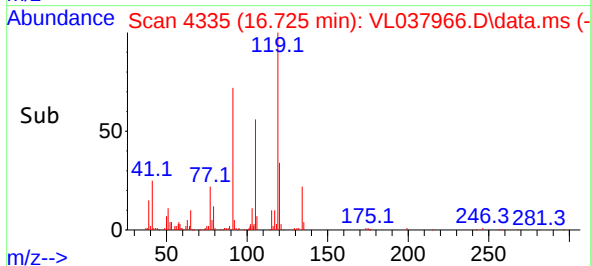
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



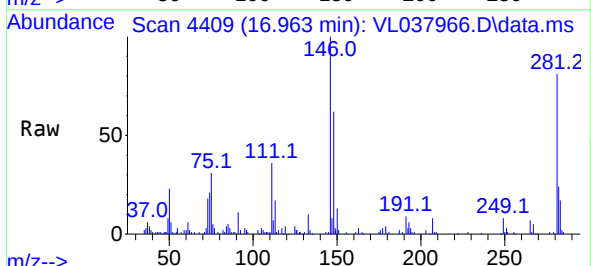
Tgt Ion: 119 Resp: 224290
Ion Ratio Lower Upper
119 100
91 79.5 61.8 92.6
134 21.8 16.6 25.0

Manual Integrations
APPROVED

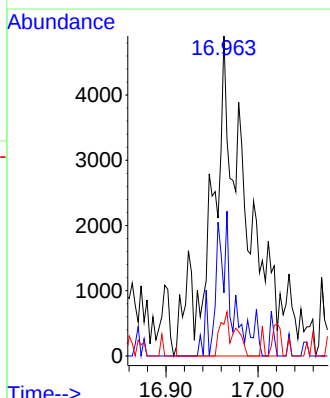
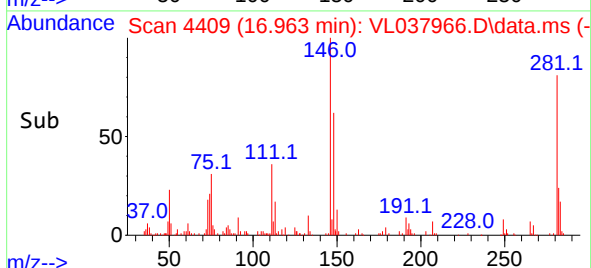
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

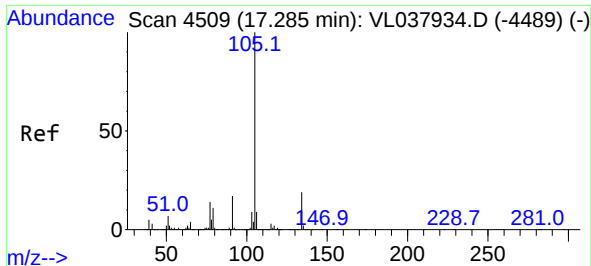


#66
Benzyl Chloride
Concen: 0.527 ppbv m
RT: 16.963 min Scan# 4409
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



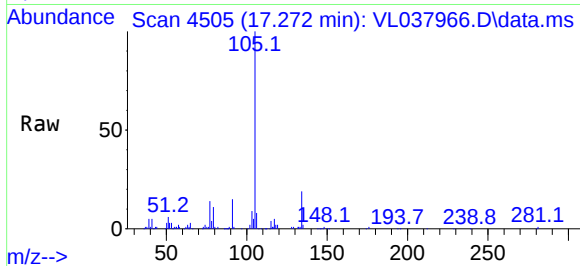
Tgt Ion: 91 Resp: 12347
Ion Ratio Lower Upper
91 100
126 24.4 13.8 20.6#
128 6.0 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 0.490 ppbv
 RT: 17.272 min Scan# 410
 Delta R.T. -0.013 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

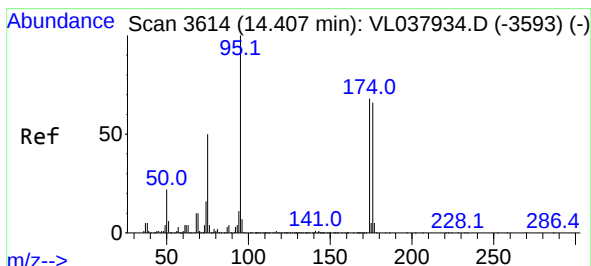
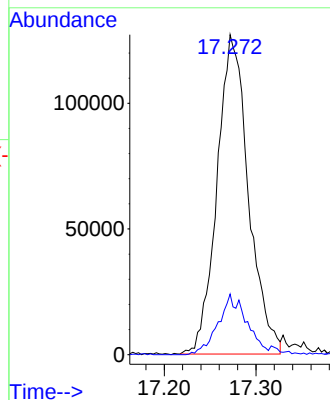
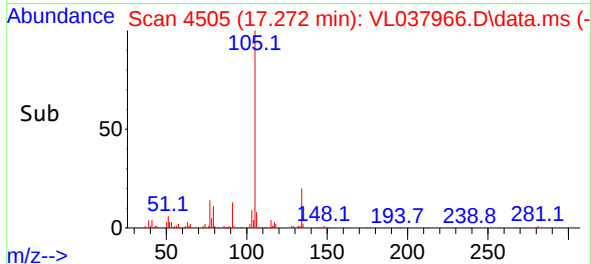
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



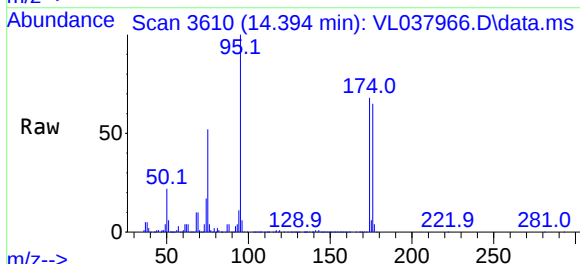
Tgt Ion:105 Resp: 30259
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.4 23.0

Manual Integrations
 APPROVED

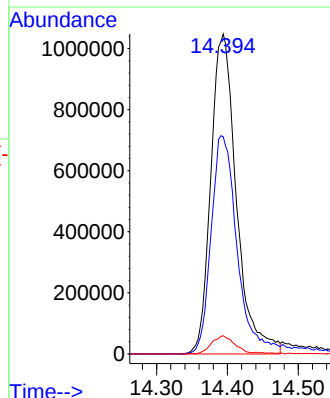
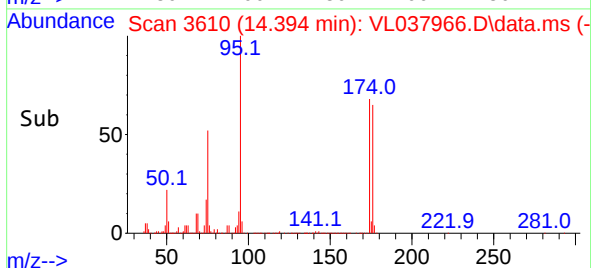
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

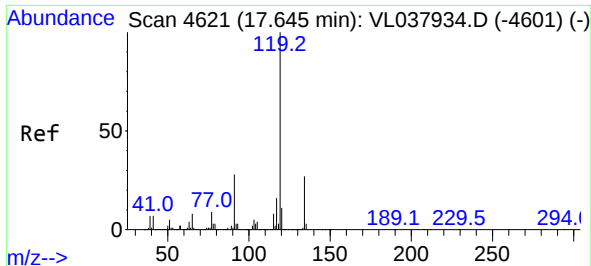


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.350 ppbv
 RT: 14.394 min Scan# 3610
 Delta R.T. -0.013 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54



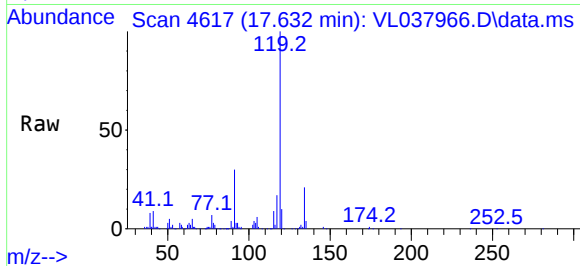
Tgt Ion: 95 Resp: 2631420
 Ion Ratio Lower Upper
 95 100
 174 73.0 58.3 87.5
 175 5.5 4.6 6.8





#69
p-Isopropyltoluene
Concen: 0.423 ppbv
RT: 17.632 min Scan# 4617
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

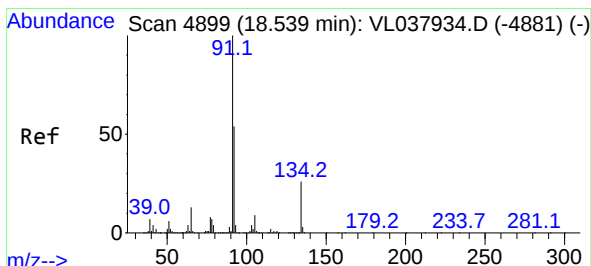
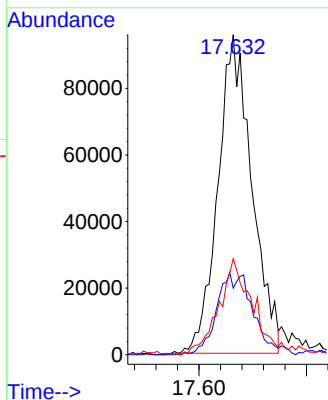
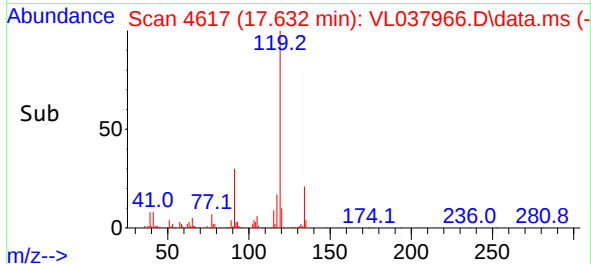
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 119 Resp: 20957
Ion Ratio Lower Upper
119 100
134 27.7 21.0 31.4
91 31.5 21.8 32.8

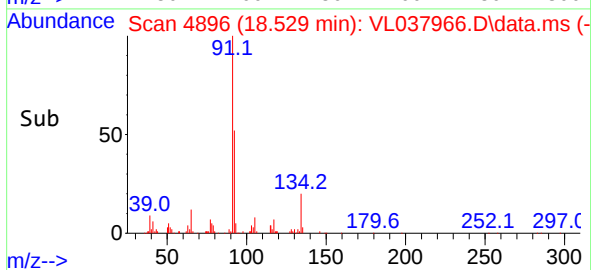
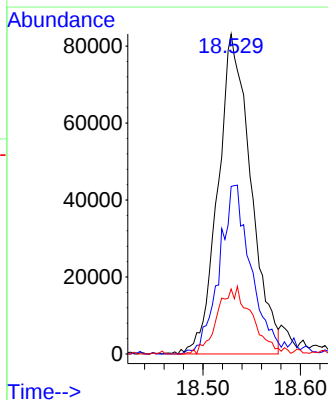
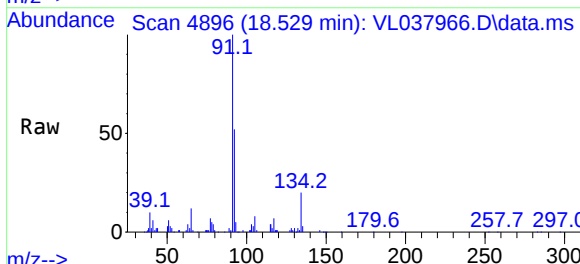
Manual Integrations
APPROVED

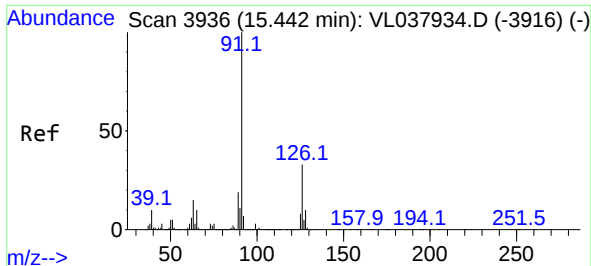
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#70
n-Butylbenzene
Concen: 0.428 ppbv
RT: 18.529 min Scan# 4896
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

Tgt Ion: 91 Resp: 195149
Ion Ratio Lower Upper
91 100
92 53.8 43.6 65.4
134 22.1 19.8 29.6





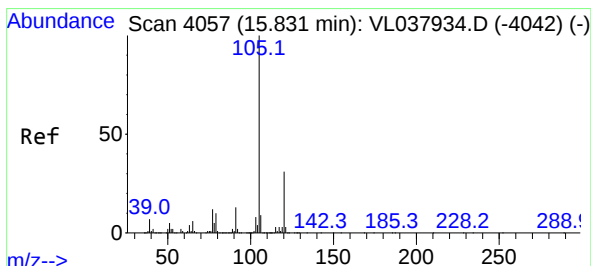
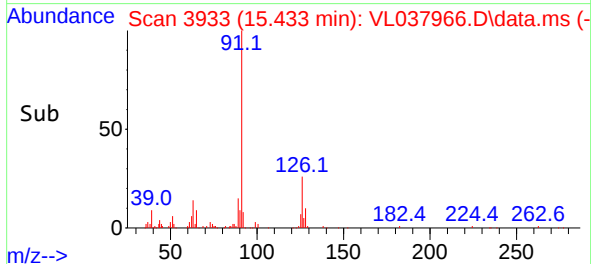
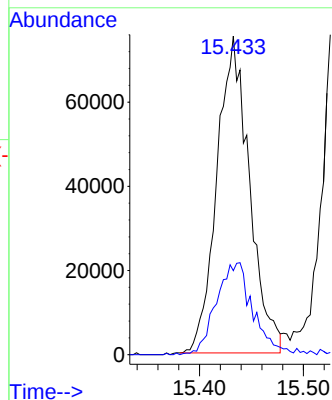
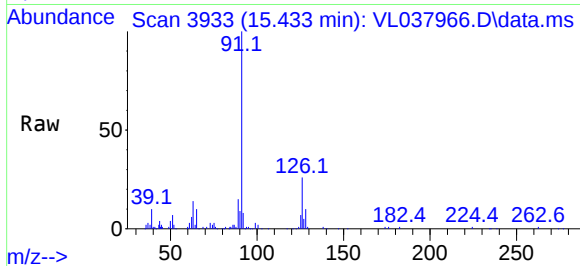
#71
2-Chlorotoluene
Concen: 0.461 ppbv
RT: 15.433 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

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

Tgt Ion: 91 Resp: 163778
Ion Ratio Lower Upper
91 100
126 32.8 13.3 53.3

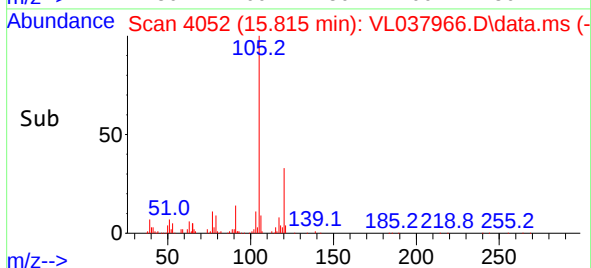
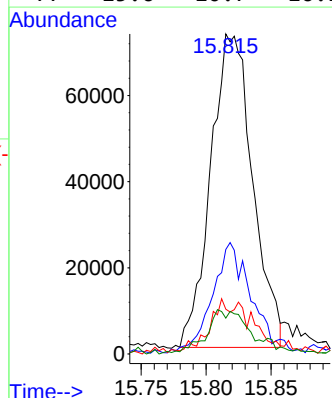
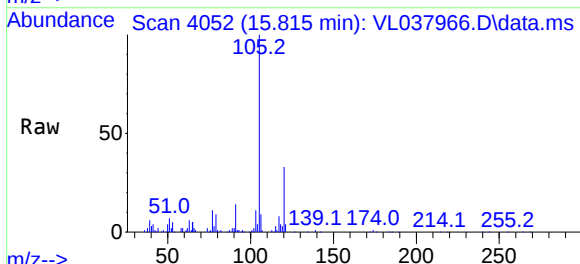
Manual Integrations
APPROVED

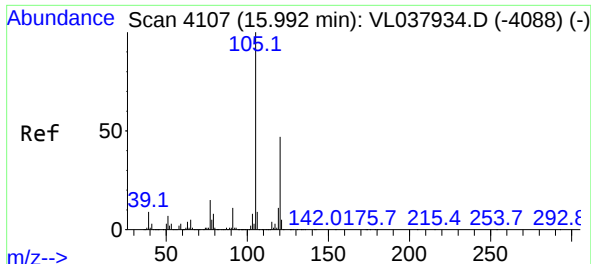
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#72
4-Ethyltoluene
Concen: 0.398 ppbv
RT: 15.815 min Scan# 4052
Delta R.T. -0.016 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

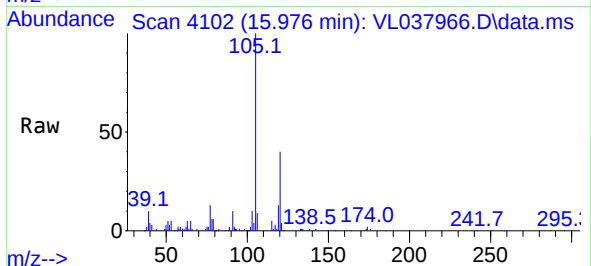
Tgt Ion:105 Resp: 163320
Ion Ratio Lower Upper
105 100
120 34.2 25.3 37.9
91 18.2 9.9 14.9#
77 15.6 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.481 ppbv m
RT: 15.976 min Scan# 4107
Delta R.T. -0.016 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

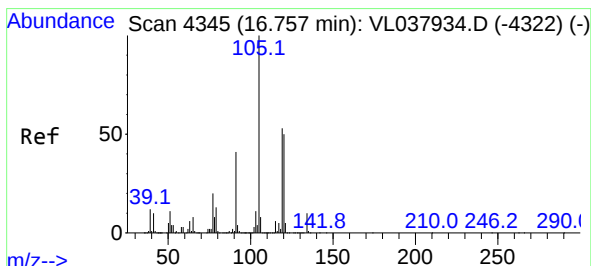
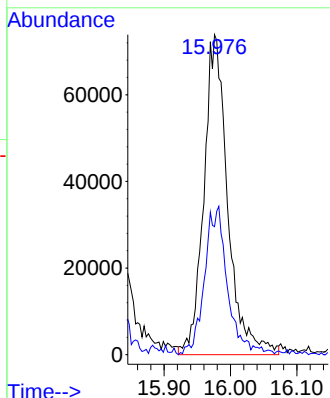
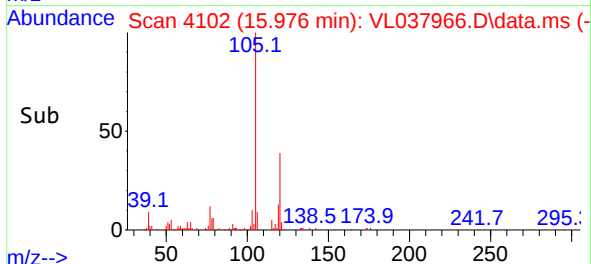
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



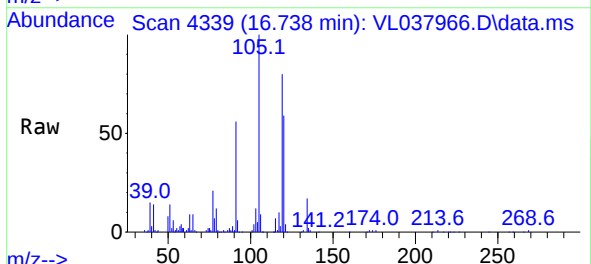
Tgt Ion:105 Resp: 18497
Ion Ratio Lower Upper
105 100
120 40.0 37.9 56.9

Manual Integrations
APPROVED

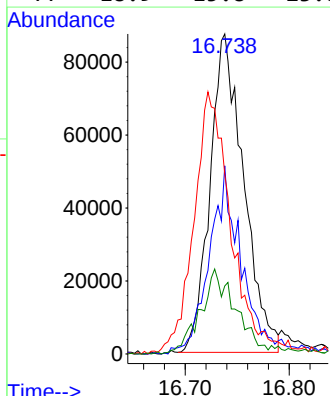
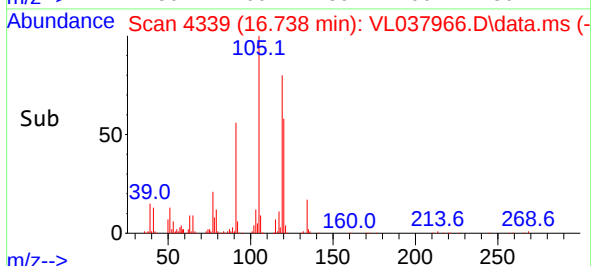
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

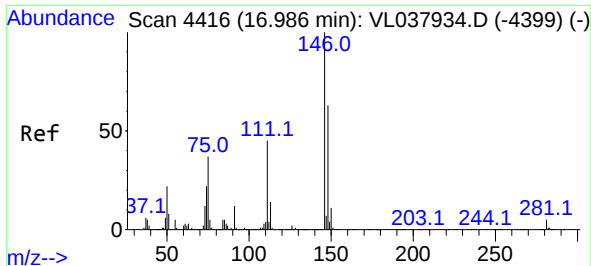


#74
1,2,4-Trimethylbenzene
Concen: 0.488 ppbv
RT: 16.738 min Scan# 4339
Delta R.T. -0.019 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



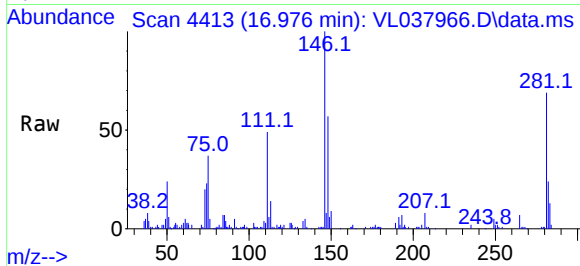
Tgt Ion:105 Resp: 196467
Ion Ratio Lower Upper
105 100
120 57.1 40.0 60.0
91 52.6 32.6 49.0#
77 18.9 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 0.549 ppbv m
RT: 16.976 min Scan# 4413
Delta R.T. -0.010 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

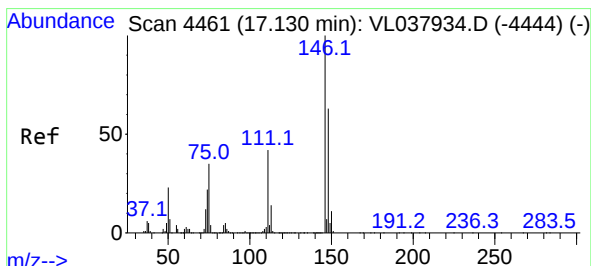
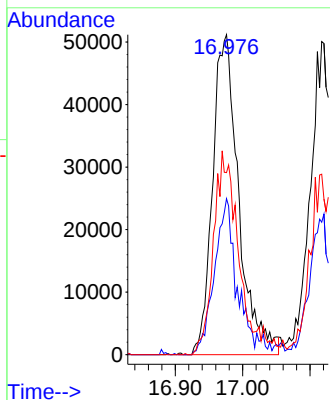
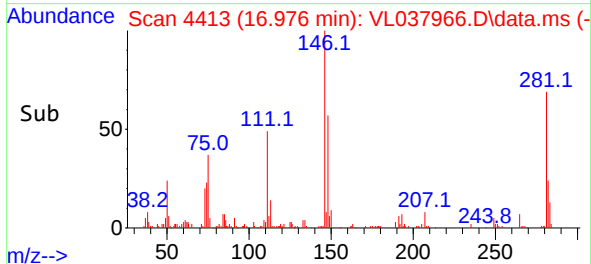
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



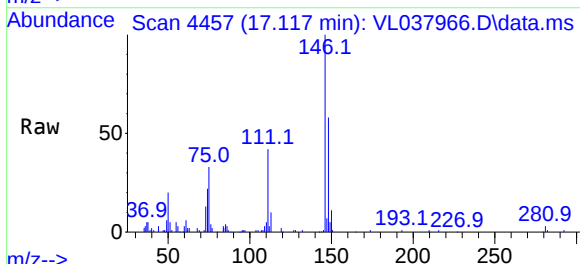
Tgt Ion:146 Resp: 137710
Ion Ratio Lower Upper
146 100
111 0.0 22.7 68.1#
148 62.6 32.4 97.0

Manual Integrations
APPROVED

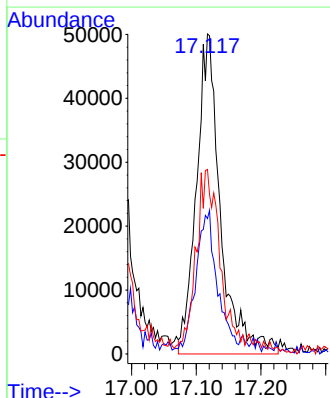
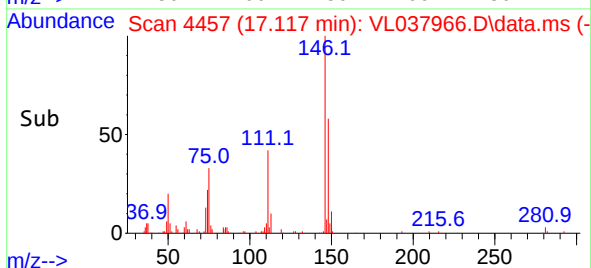
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

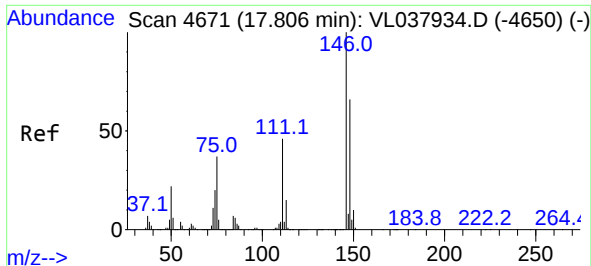


#76
1,4-Dichlorobenzene
Concen: 0.535 ppbv m
RT: 17.117 min Scan# 4457
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



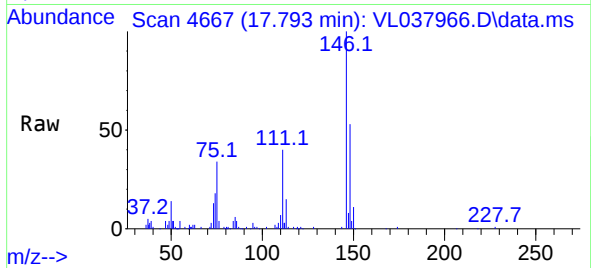
Tgt Ion:146 Resp: 129944
Ion Ratio Lower Upper
146 100
111 0.0 22.7 68.1#
148 0.0 33.5 100.4#





#77
1,2-Dichlorobenzene
Concen: 0.540 ppbv m
RT: 17.793 min Scan# 4667
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

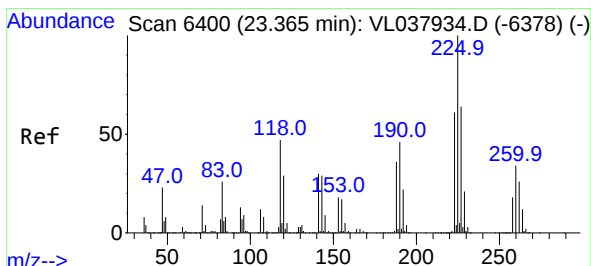
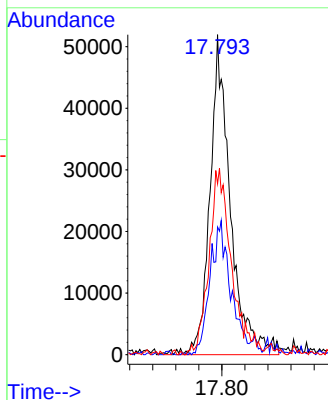
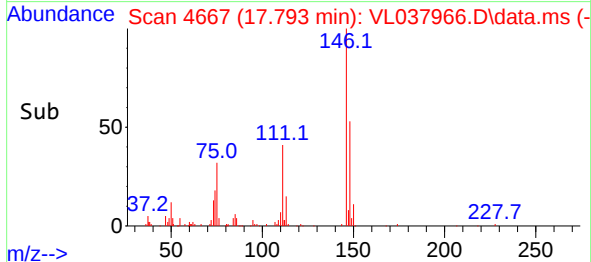
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



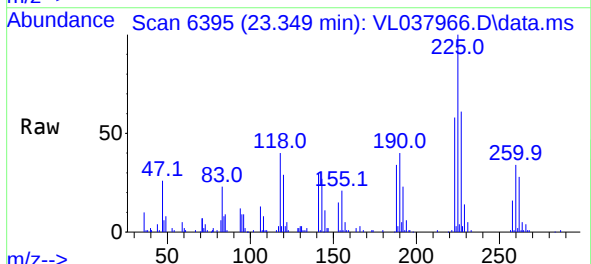
Tgt Ion:146 Resp: 12715
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.2
148 0.0 32.6 97.7

Manual Integrations
APPROVED

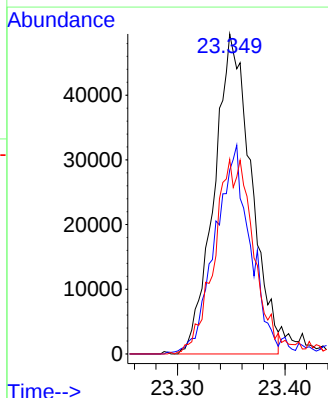
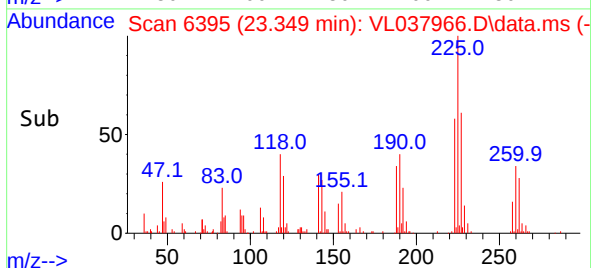
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

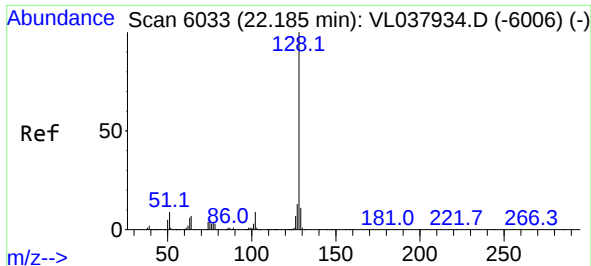


#78
Hexachloro-1,3-Butadiene
Concen: 0.586 ppbv
RT: 23.349 min Scan# 6395
Delta R.T. -0.016 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



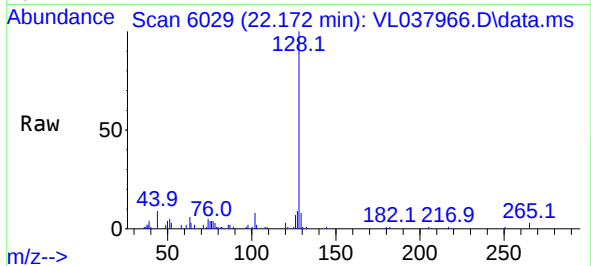
Tgt Ion:225 Resp: 118042
Ion Ratio Lower Upper
225 100
223 64.3 50.0 75.0
227 65.9 51.5 77.3





#79
Naphthalene
Concen: 0.357 ppbv m
RT: 22.172 min Scan# 6033
Delta R.T. -0.013 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54

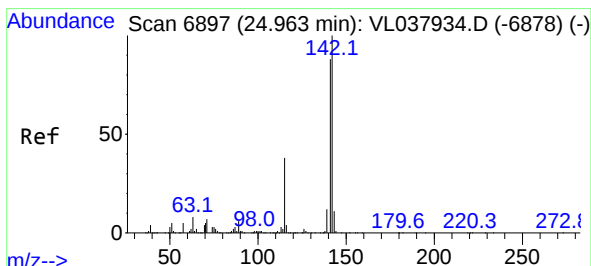
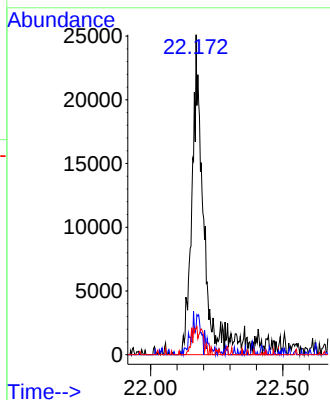
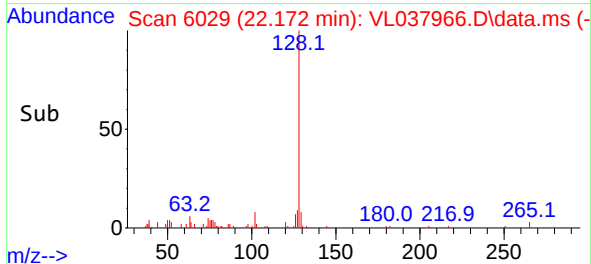
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



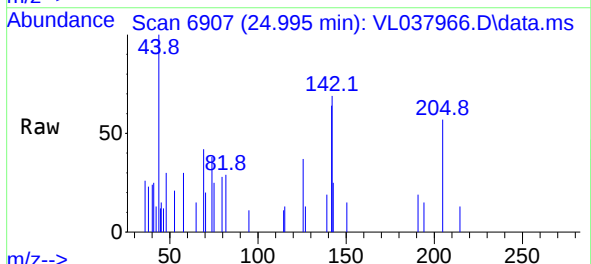
Tgt Ion:128 Resp: 82910
Ion Ratio Lower Upper
128 100
127 8.8 10.2 15.2
129 8.2 9.0 13.4

Manual Integrations
APPROVED

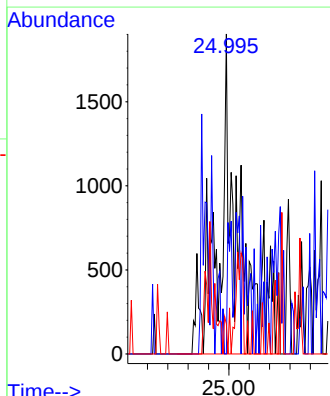
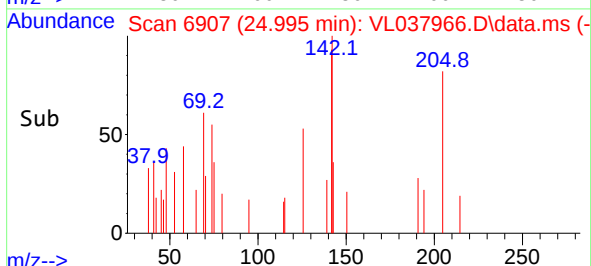
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

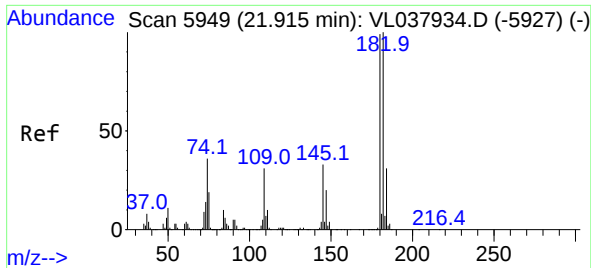


#80
Naphthalene,2-methyl-
Concen: 0.116 ppbv m
RT: 24.995 min Scan# 6907
Delta R.T. 0.032 min
Lab File: VL037966.D
Acq: 2 Nov 2021 12:54



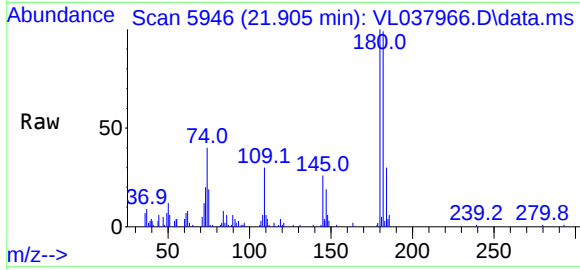
Tgt Ion:142 Resp: 5231
Ion Ratio Lower Upper
142 100
141 28.3 66.4 99.6#
115 16.1 29.0 43.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.371 ppbv m
 RT: 21.905 min Scan# 5946
 Delta R.T. -0.010 min
 Lab File: VL037966.D
 Acq: 2 Nov 2021 12:54

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



Tgt Ion:180 Resp: 56018

Ion	Ratio	Lower	Upper
180	100		
182	95.2	79.3	118.9
184	34.1	25.3	37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

