

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037960.D
 Acq On : 2 Nov 2021 5:20
 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 08:01:24 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 08:01:24 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	1383268	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4078709	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3560131	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.397	95	2658024	10.271	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.047	85	139387	0.715	ppbv	94
3) Chlorodifluoromethane	2.989	51	150420	0.584	ppbv	98
4) Chloromethane	3.141	50	58130	0.594	ppbv	93
5) Vinyl Chloride	3.256	62	52540	0.557	ppbv	92
6) Bromomethane	3.475	94	28422m	0.558	ppbv	
7) Chloroethane	3.559	64	19130m	0.562	ppbv	
8) Dichlorotetrafluoroethane	3.186	85	125451	0.559	ppbv	96
9) Propene	3.015	41	45870	0.497	ppbv	94
10) Heptane	8.108	43	94807	0.441	ppbv	97
11) Trichlorofluoromethane	3.948	101	103744	0.535	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.478	101	88377	0.584	ppbv	93
13) Ethanol	3.626	45	5655m	0.607	ppbv	
14) Bromoethene	3.732	108	31933m	0.483	ppbv	
15) Acetone	3.861	43	64135m	0.561	ppbv	
16) 1,3-Butadiene	3.324	39	44164	0.490	ppbv	97
17) tert-Butyl alcohol	4.308	59	65854m	0.554	ppbv	
18) 1,1-Dichloroethene	4.282	96	36478m	0.524	ppbv	
19) Isopropyl Alcohol	3.983	45	41329m	0.565	ppbv	
20) Methylene Chloride	4.333	84	38547	0.614	ppbv	98
21) Allyl Chloride	4.404	41	56171m	0.533	ppbv	
22) trans-1,2-Dichloroethene	4.877	96	34574	0.500	ppbv #	80
23) Vinyl Acetate	5.076	43	70793	0.411	ppbv #	87
24) 1,1-Dichloroethane	5.002	63	78984m	0.555	ppbv	
25) Ethyl Acetate	5.681	43	158563	0.467	ppbv	97
26) Hexane	5.674	57	77586	0.482	ppbv	82
27) Carbon Disulfide	4.546	76	75358m	0.475	ppbv	
28) Methyl tert-Butyl Ether	5.044	73	70199m	0.519	ppbv	
29) Chloroform	5.739	83	129216	0.539	ppbv	92
30) Cyclohexane	7.121	84	69826m	0.508	ppbv	
31) cis-1,2-Dichloroethene	5.539	61	69986m	0.477	ppbv	
32) 1,1,1-Trichloroethane	6.497	97	111466	0.473	ppbv	94
34) 2-Butanone	5.263	43	70322m	0.465	ppbv	
35) Carbon Tetrachloride	7.002	117	115464m	0.468	ppbv	
36) Benzene	6.877	78	156278	0.470	ppbv	97
37) 1,2-Dichloroethane	6.292	62	82692	0.524	ppbv	99
38) Trichloroethene	7.822	130	65792m	0.477	ppbv	
39) 1,2-Dichloropropane	7.600	63	63457	0.508	ppbv	88
40) 1,4-Dioxane	7.864	88	19065m	0.579	ppbv	
41) Tetrahydrofuran	6.092	42	30859m	0.417	ppbv	
42) Bromodichloromethane	7.777	83	107178	0.449	ppbv	87
43) Methyl Methacrylate	8.009	69	40069	0.368	ppbv	93
44) 2,2,4-Trimethylpentane	7.857	57	267195	0.473	ppbv #	91
45) t-1,3-Dichloropropene	9.266	75	25880m	0.323	ppbv	

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

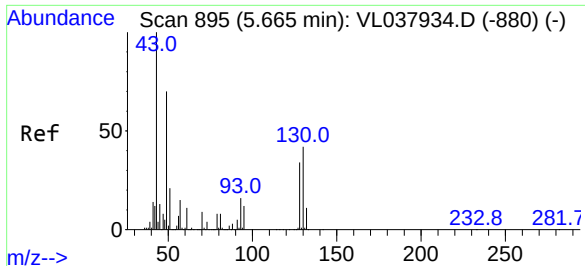
Response via : Initial Calibration

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

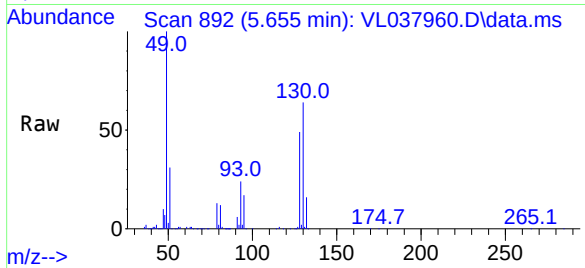
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	38304m	0.348	ppbv	
47) 1,1,2-Trichloroethane	9.459	97	72771m	0.518	ppbv	
48) Dibromochloromethane	10.288	129	87064	0.438	ppbv	97
49) Bromoform	13.024	173	66694m	0.424	ppbv	
50) 4-Methyl-2-Pentanone	8.751	43	80472m	0.405	ppbv	
51) 2-Hexanone	10.147	43	27178m	0.325	ppbv	
52) Tetrachloroethene	11.208	164	56569m	0.449	ppbv	
53) Toluene	9.793	91	134720	0.378	ppbv	97
54) 1,2-Dibromoethane	10.590	107	80756	0.446	ppbv	92
56) 1,1,1,2-Tetrachloroethane	12.108	131	79075	0.550	ppbv #	1
57) Chlorobenzene	12.131	112	166846m	0.587	ppbv	
58) Ethyl Benzene	12.693	91	185076m	0.425	ppbv	
59) m/p-Xylene	12.979	91	378746m	0.979	ppbv	
60) o-Xylene	13.671	91	169546	0.465	ppbv	98
61) Styrene	13.507	104	57541m	0.343	ppbv	
62) Isopropylbenzene	14.648	105	264281	0.512	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.655	83	158435	0.505	ppbv	98
64) n-propylbenzene	15.542	120	64833	0.490	ppbv	85
65) tert-Butylbenzene	16.725	119	226434m	0.496	ppbv	
66) Benzyl Chloride	16.976	91	10206m	0.428	ppbv	
67) sec-Butylbenzene	17.275	105	296178	0.471	ppbv	98
69) p-Isopropyltoluene	17.632	119	217127	0.430	ppbv	95
70) n-Butylbenzene	18.532	91	201873	0.435	ppbv	97
71) 2-Chlorotoluene	15.439	91	165190m	0.456	ppbv	
72) 4-Ethyltoluene	15.825	105	189150m	0.453	ppbv	
73) 1,3,5-Trimethylbenzene	15.976	105	164791	0.421	ppbv	98
74) 1,2,4-Trimethylbenzene	16.741	105	204661m	0.499	ppbv	
75) 1,3-Dichlorobenzene	16.979	146	138240m	0.541	ppbv	
76) 1,4-Dichlorobenzene	17.114	146	126269m	0.511	ppbv	
77) 1,2-Dichlorobenzene	17.799	146	124952m	0.521	ppbv	
78) Hexachloro-1,3-Butadiene	23.355	225	117698m	0.574	ppbv	
79) Naphthalene	22.178	128	62766m	0.266	ppbv	
80) Naphthalene,2-methyl-	24.989	142	2356	0.051	ppbv #	72
81) 1,2,4-Trichlorobenzene	21.915	180	54435m	0.354	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 895
Delta R.T. -0.010 min
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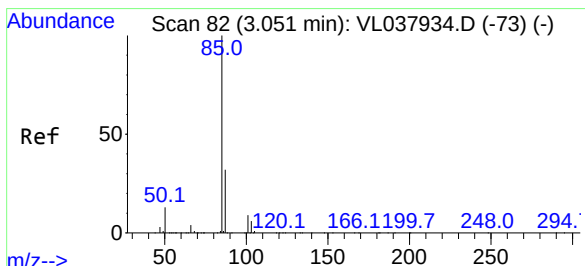
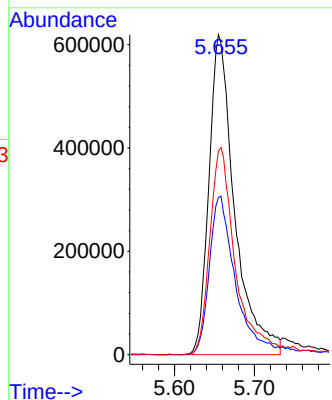
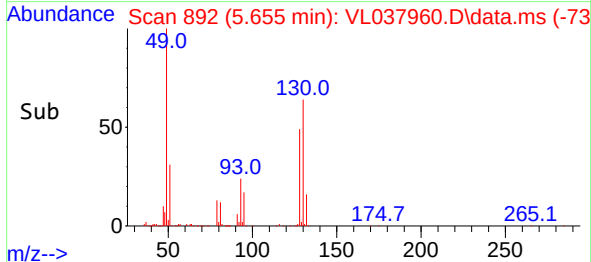
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 49 Resp: 138326
Ion Ratio Lower Upper
49 100
128 53.0 27.0 81.0
130 67.5 33.4 100.2

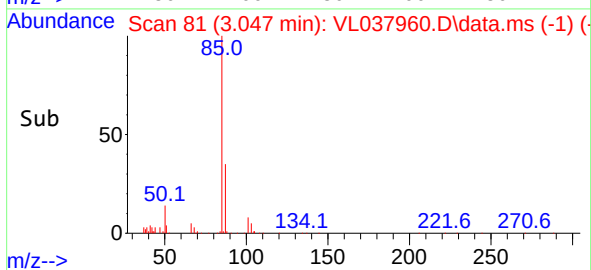
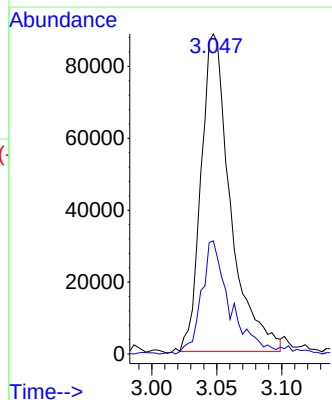
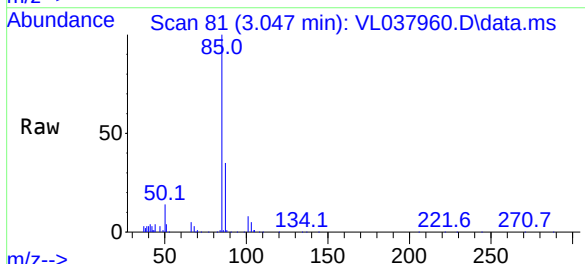
Manual Integrations
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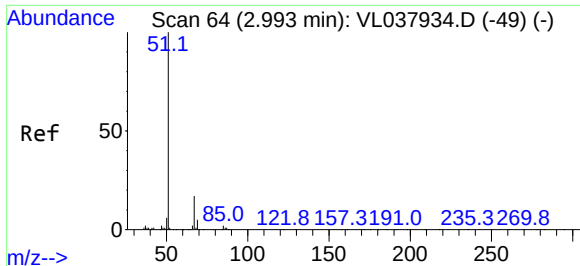
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 0.715 ppbv
RT: 3.047 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

Tgt Ion: 85 Resp: 139387
Ion Ratio Lower Upper
85 100
87 34.9 25.3 37.9





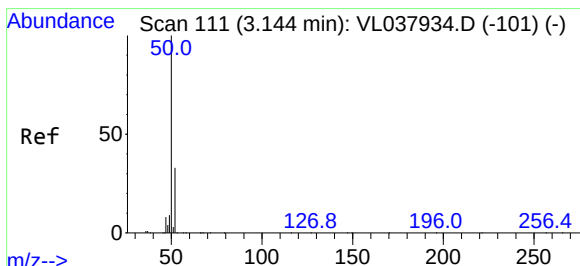
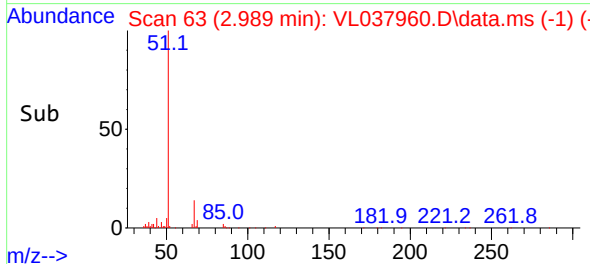
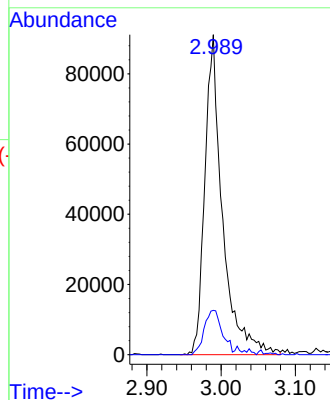
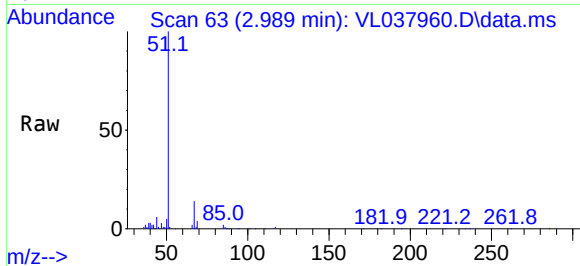
#3
Chlorodifluoromethane
Concen: 0.584 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion: 51 Resp: 150420
Ion Ratio Lower Upper
51 100
67 16.0 13.4 20.0

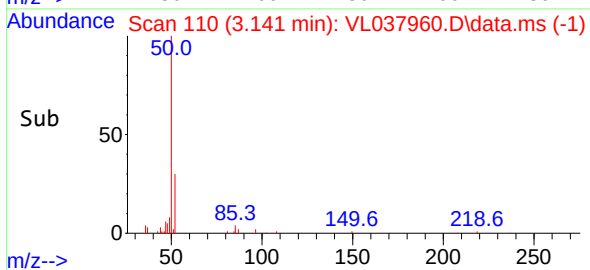
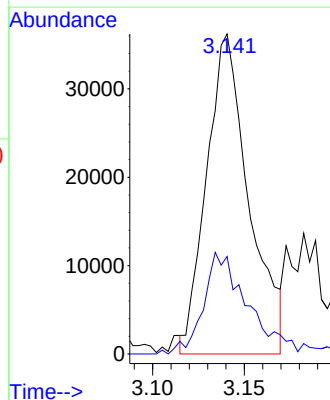
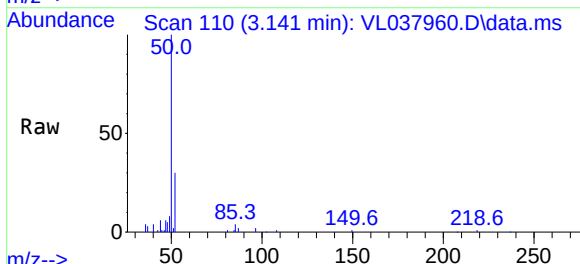
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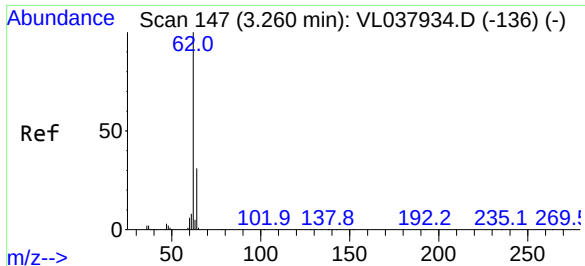
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Chloromethane
Concen: 0.594 ppbv
RT: 3.141 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

Tgt Ion: 50 Resp: 58130
Ion Ratio Lower Upper
50 100
52 28.9 26.3 39.5





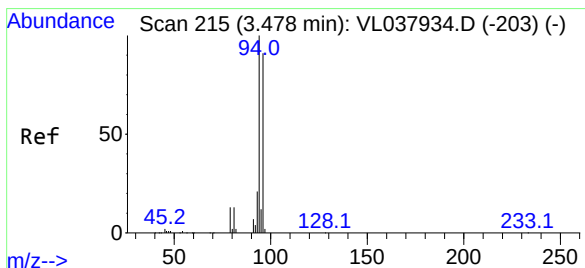
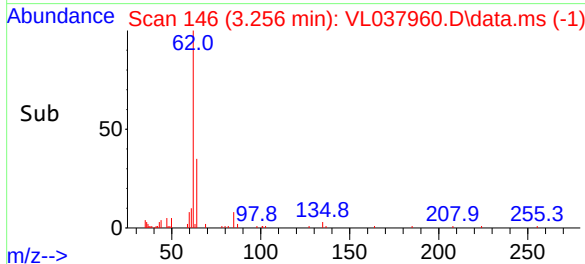
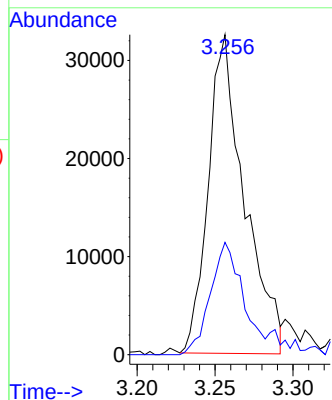
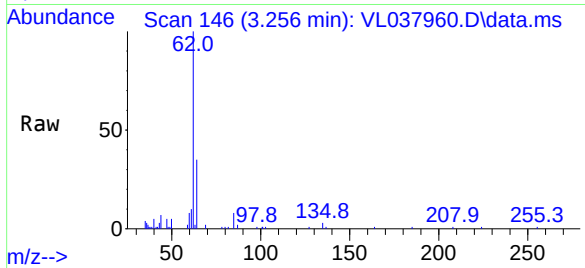
#5
 Vinyl Chloride
 Concen: 0.557 ppbv
 RT: 3.256 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20

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

Tgt Ion: 62 Resp: 52540
 Ion Ratio Lower Upper
 62 100
 64 35.3 24.7 37.1

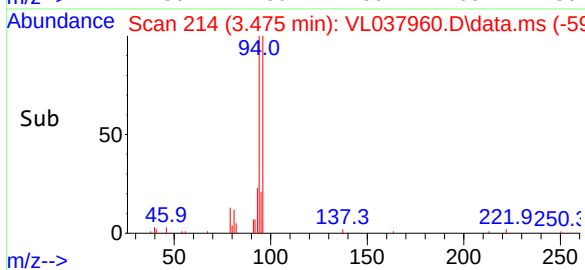
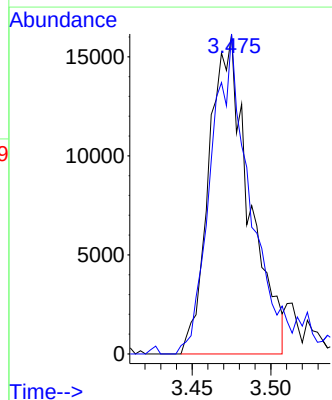
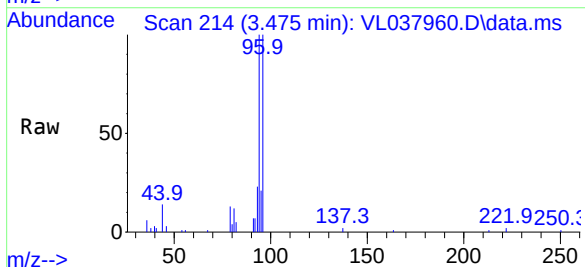
Manual Integrations
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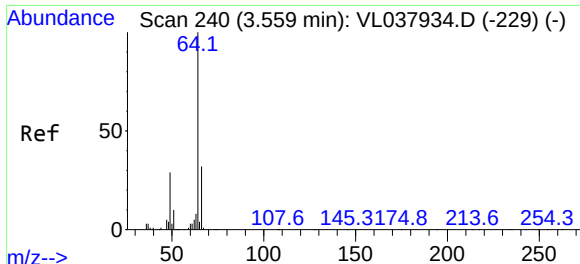
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#6
 Bromomethane
 Concen: 0.558 ppbv m
 RT: 3.475 min Scan# 214
 Delta R.T. -0.003 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20

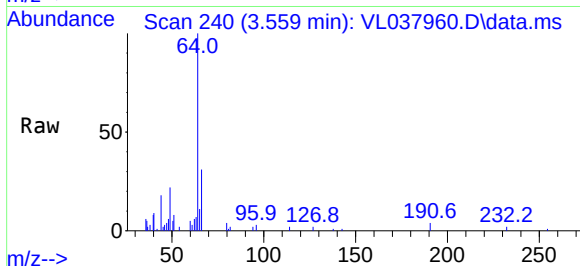
Tgt Ion: 94 Resp: 28422
 Ion Ratio Lower Upper
 94 100
 96 100.2 73.0 109.4





#7
Chloroethane
Concen: 0.562 ppbv m
RT: 3.559 min Scan# 240
Delta R.T. 0.000 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

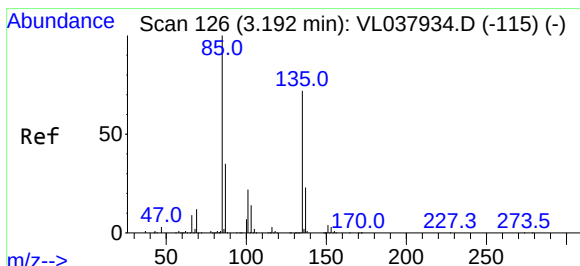
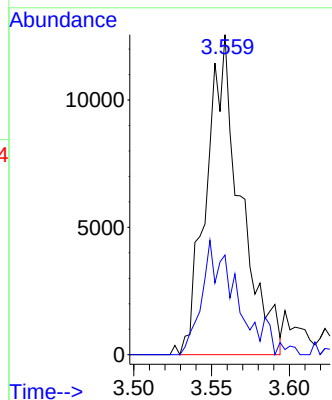
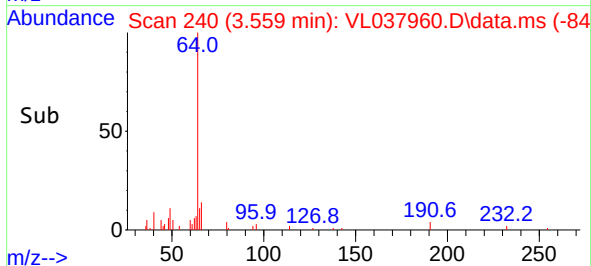
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 64 Resp: 19130
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3

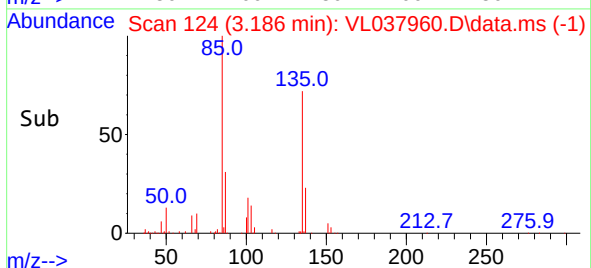
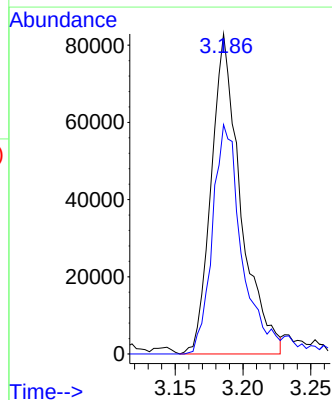
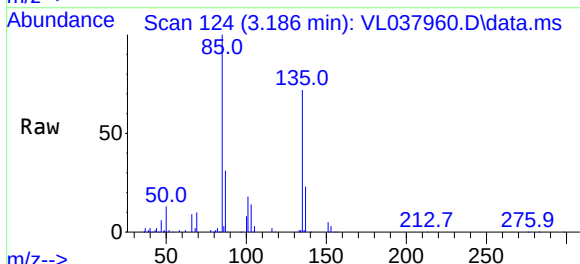
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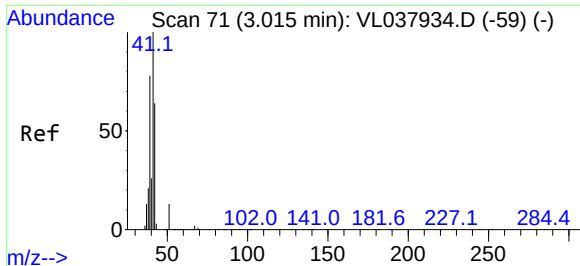
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Dichlorotetrafluoroethane
Concen: 0.559 ppbv
RT: 3.186 min Scan# 124
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

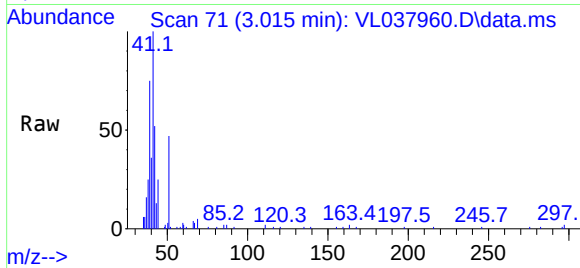
Tgt Ion: 85 Resp: 125451
Ion Ratio Lower Upper
85 100
135 76.7 58.8 88.2





#9
Propene
Concen: 0.497 ppbv
RT: 3.015 min Scan# 71
Delta R.T. 0.000 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

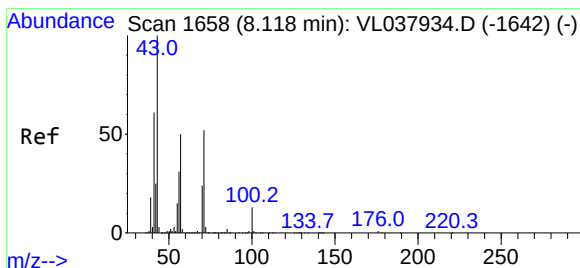
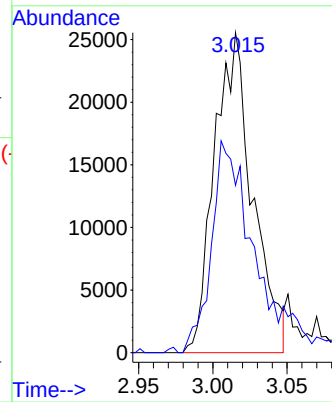
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 41 Resp: 45870
Ion Ratio Lower Upper
41 100
42 76.9 57.6 86.4

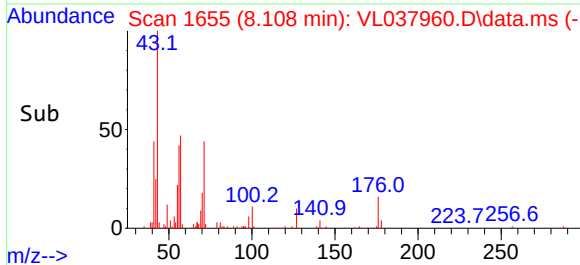
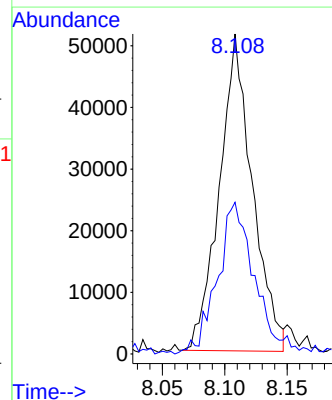
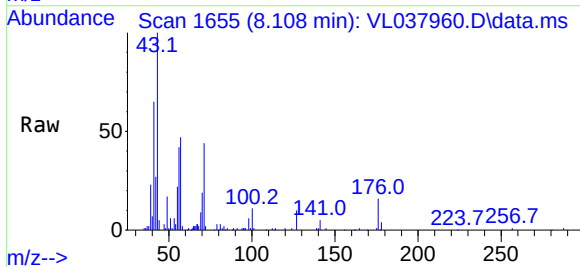
Manual Integrations
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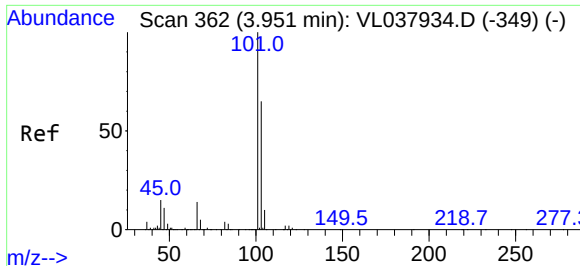
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Heptane
Concen: 0.441 ppbv
RT: 8.108 min Scan# 1655
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

Tgt Ion: 43 Resp: 94807
Ion Ratio Lower Upper
43 100
57 52.1 39.8 59.8





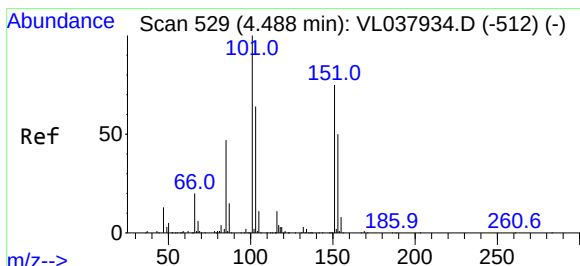
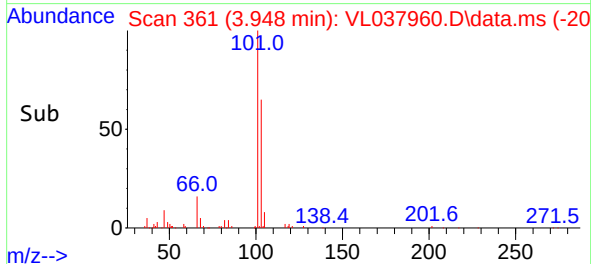
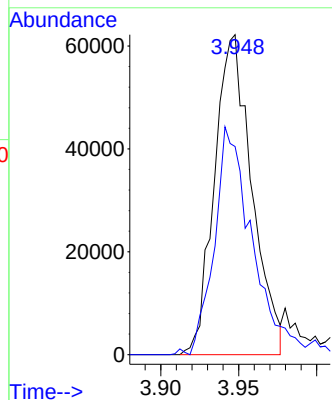
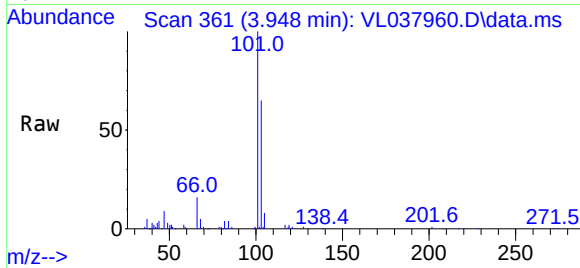
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Trichlorofluoromethane
Concen: 0.535 ppbv
RT: 3.948 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion:101 Resp: 103744
Ion Ratio Lower Upper
101 100
103 63.2 52.0 78.0

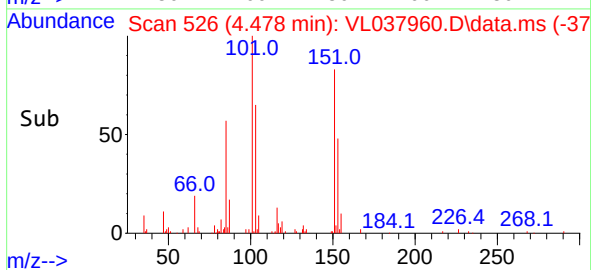
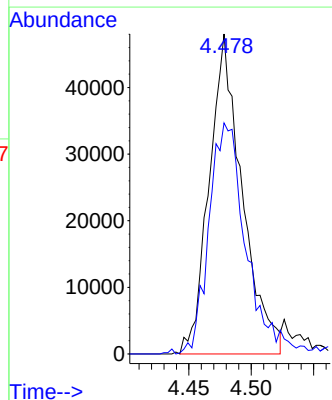
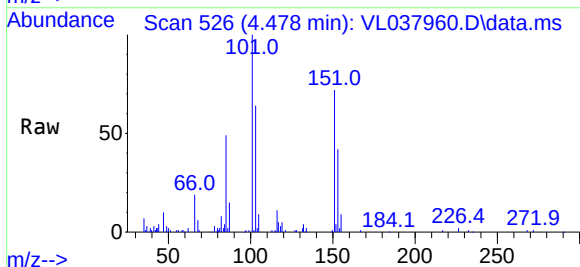
Manual Integrations
APPROVED

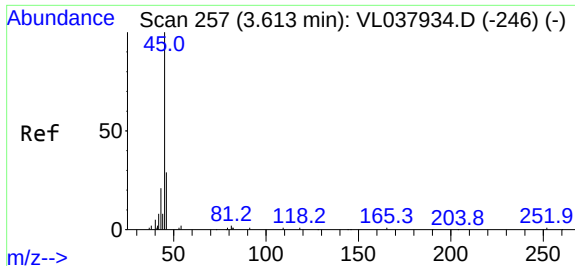
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.584 ppbv
RT: 4.478 min Scan# 526
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

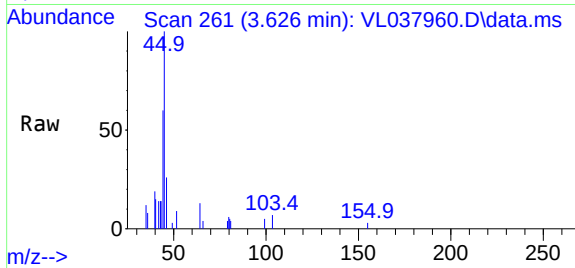
Tgt Ion:101 Resp: 88377
Ion Ratio Lower Upper
101 100
151 83.0 61.8 92.8





#13
Ethanol
Concen: 0.607 ppbv m
RT: 3.626 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

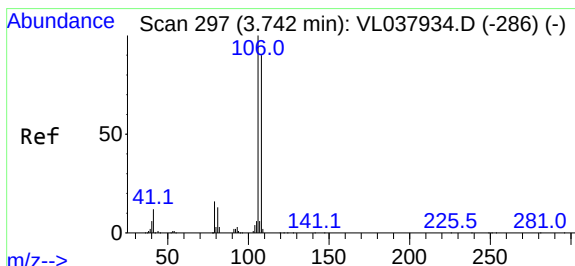
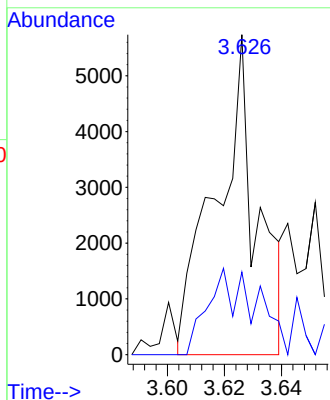
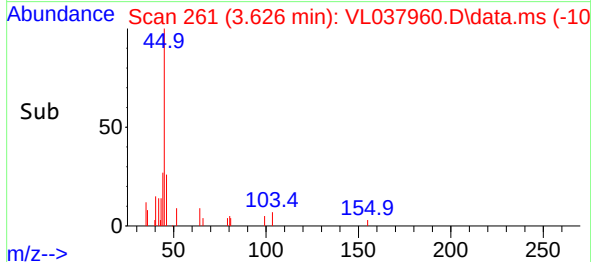
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 45 Resp: 565
Ion Ratio Lower Upper
45 100
46 0.0 17.4 69.8

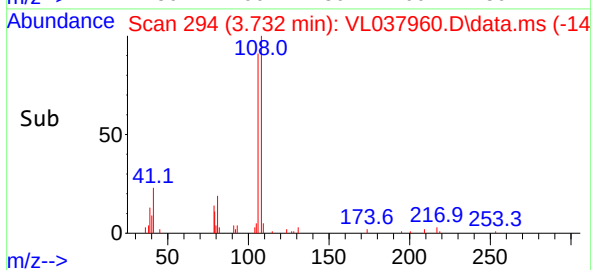
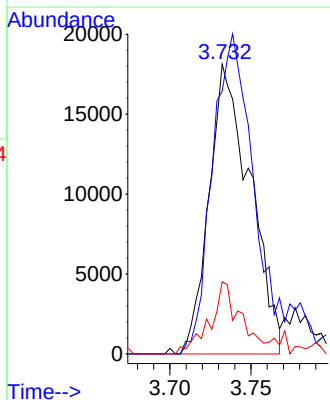
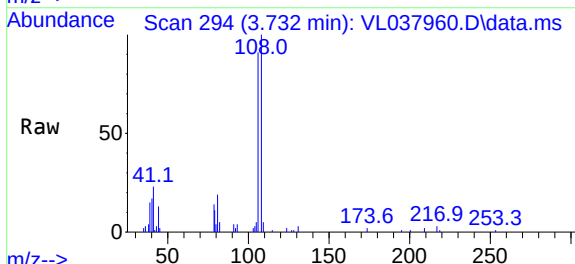
Manual Integrations
APPROVED

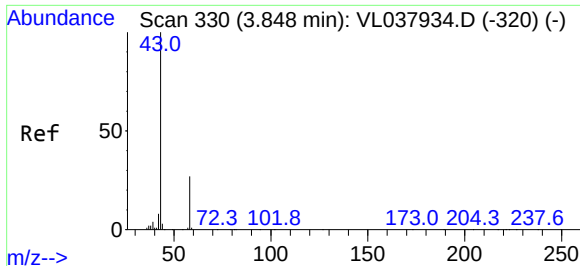
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Bromoethene
Concen: 0.483 ppbv m
RT: 3.732 min Scan# 294
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

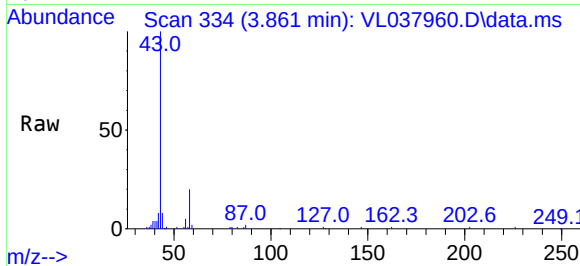
Tgt Ion:108 Resp: 31933
Ion Ratio Lower Upper
108 100
106 127.3 88.4 132.6
79 22.3 12.4 18.6





#15
Acetone
Concen: 0.561 ppbv m
RT: 3.861 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

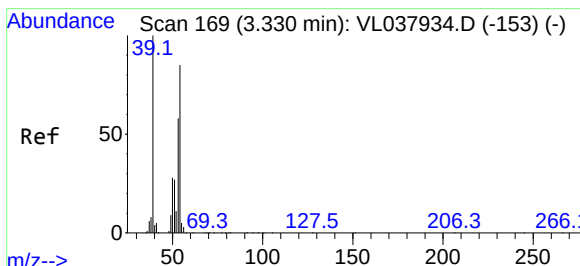
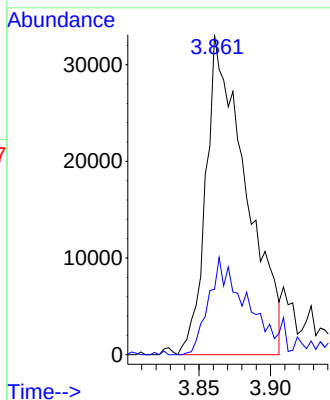
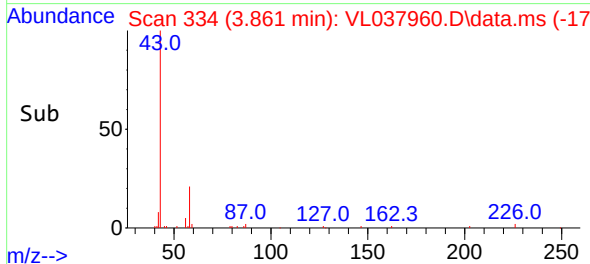
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



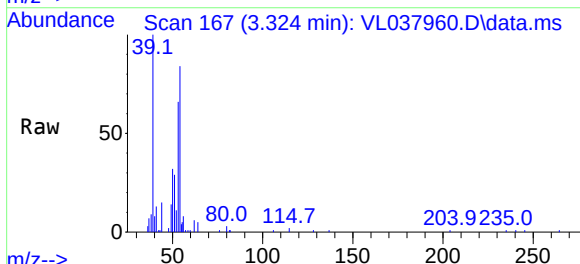
Tgt Ion: 43 Resp: 6413
Ion Ratio Lower Upper
43 100
58 30.2 23.3 34.9

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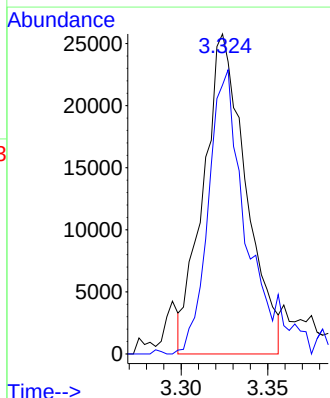
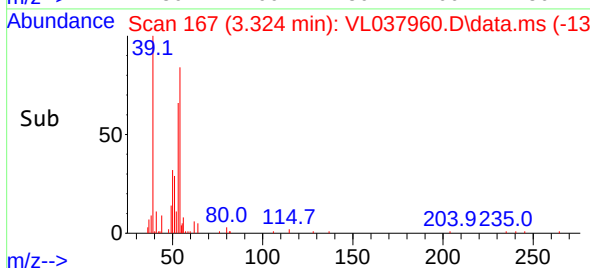
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

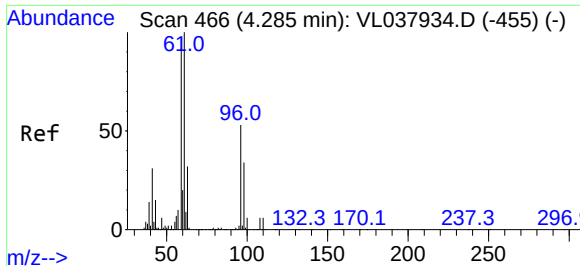


#16
1,3-Butadiene
Concen: 0.490 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



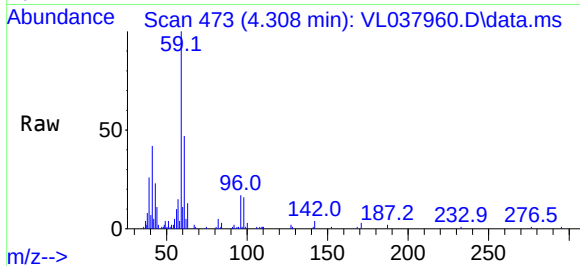
Tgt Ion: 39 Resp: 44164
Ion Ratio Lower Upper
39 100
54 80.7 62.6 93.8





#17
tert-Butyl alcohol
Concen: 0.554 ppbv m
RT: 4.308 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

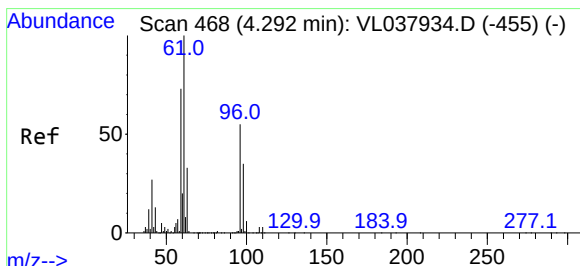
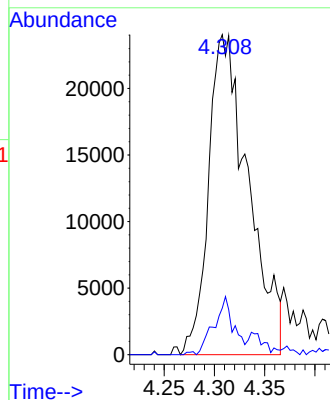
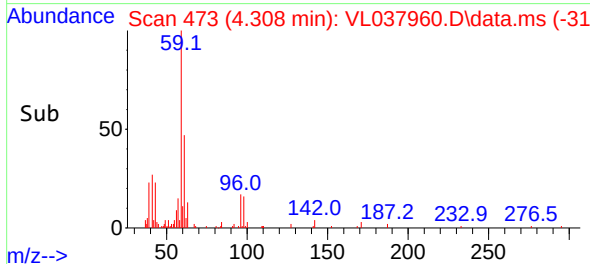
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



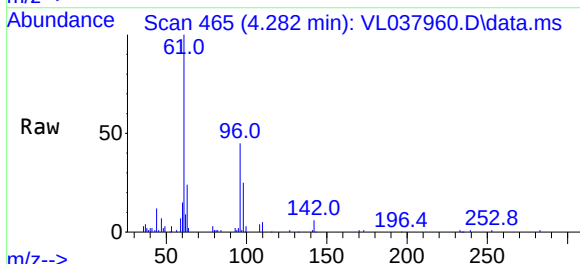
Tgt Ion: 59 Resp: 65854
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

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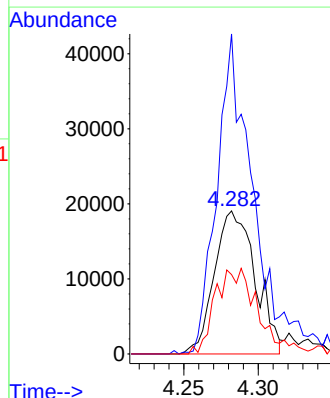
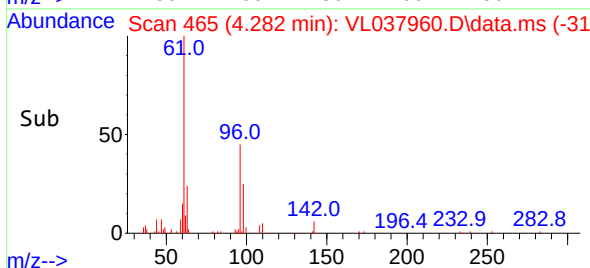
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

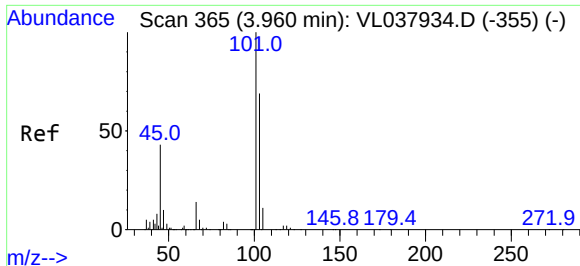


#18
1,1-Dichloroethene
Concen: 0.524 ppbv m
RT: 4.282 min Scan# 465
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



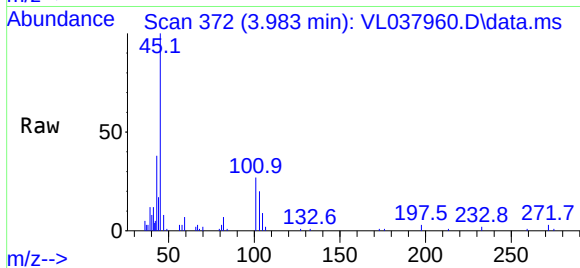
Tgt Ion: 96 Resp: 36478
Ion Ratio Lower Upper
96 100
61 223.8 144.3 216.5#
98 55.5 50.5 75.7





#19
Isopropyl Alcohol
Concen: 0.565 ppbv m
RT: 3.983 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

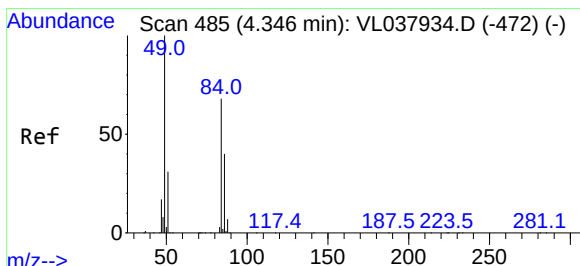
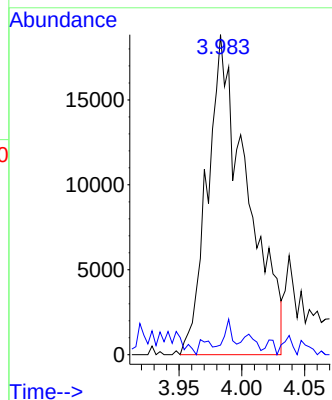
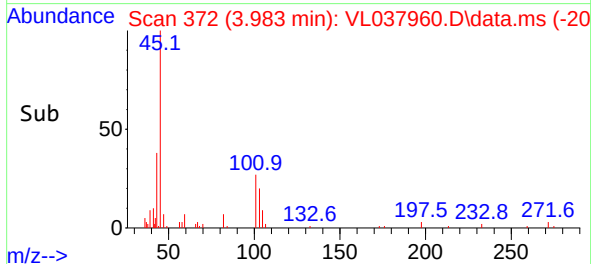
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



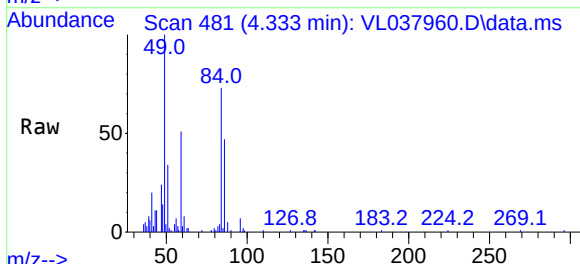
Tgt Ion: 45 Resp: 41329
Ion Ratio Lower Upper
45 100
58 7.3 4.0 6.0

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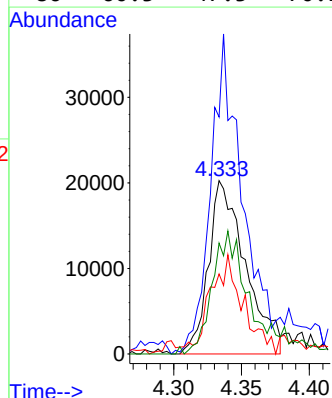
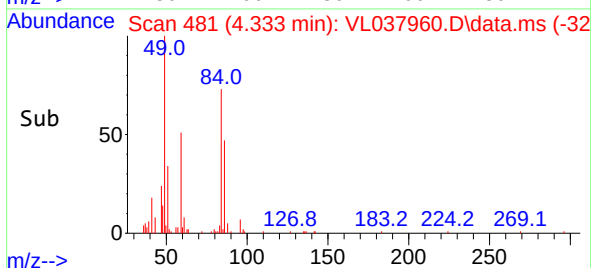
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

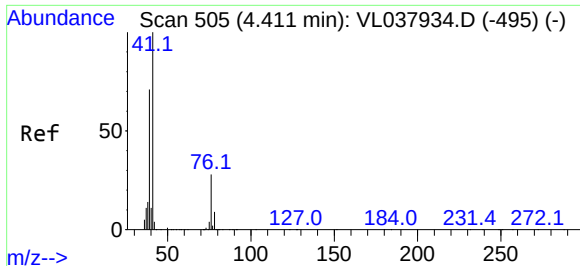


#20
Methylene Chloride
Concen: 0.614 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



Tgt Ion: 84 Resp: 38547
Ion Ratio Lower Upper
84 100
49 142.5 117.5 176.3
51 45.1 35.9 53.9
86 60.3 47.3 70.9





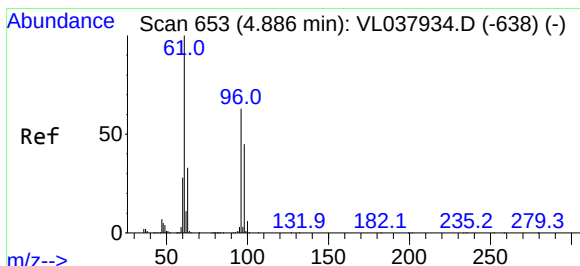
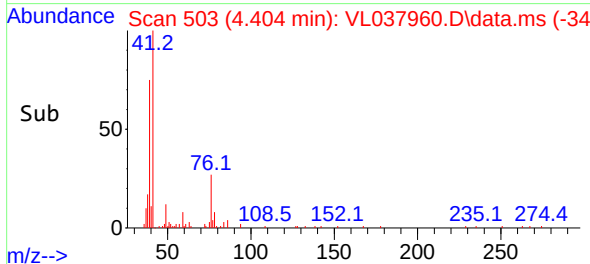
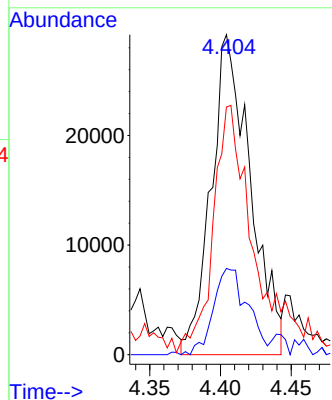
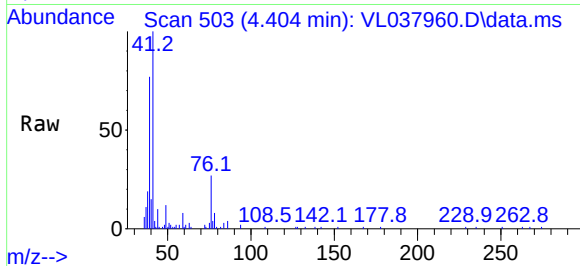
#21
 Allyl Chloride
 Concen: 0.533 ppbv m
 RT: 4.404 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20

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

Tgt Ion: 41 Resp: 5617
 Ion Ratio Lower Upper
 41 100
 76 27.7 23.6 35.4
 39 85.4 59.7 89.5

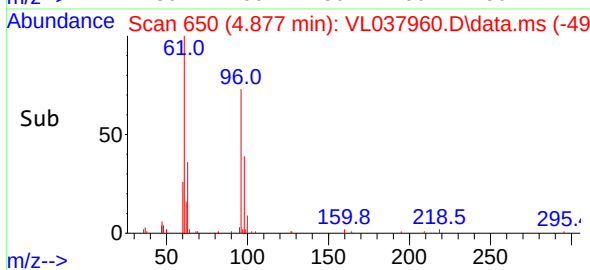
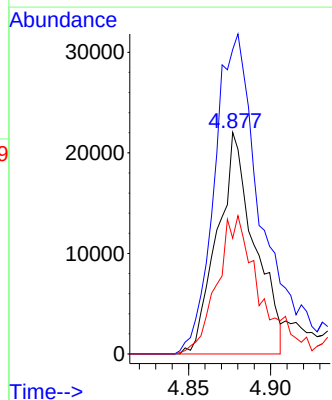
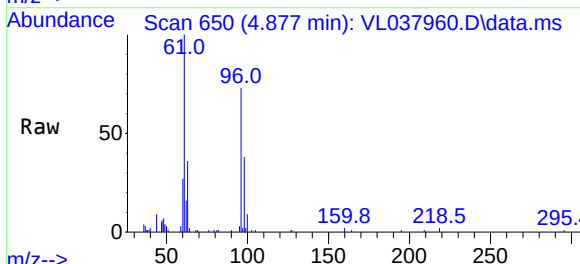
Manual Integrations
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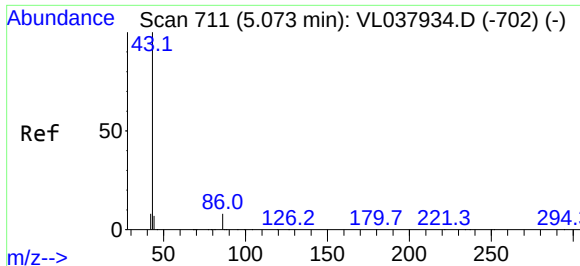
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.500 ppbv
 RT: 4.877 min Scan# 650
 Delta R.T. -0.010 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20

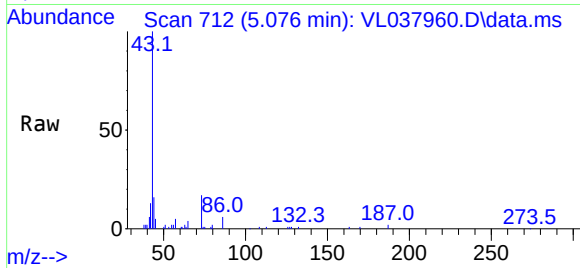
Tgt Ion: 96 Resp: 34574
 Ion Ratio Lower Upper
 96 100
 61 136.0 127.8 191.6
 98 51.5 56.9 85.3#





#23
 Vinyl Acetate
 Concen: 0.411 ppbv
 RT: 5.076 min Scan# 711
 Delta R.T. 0.003 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20

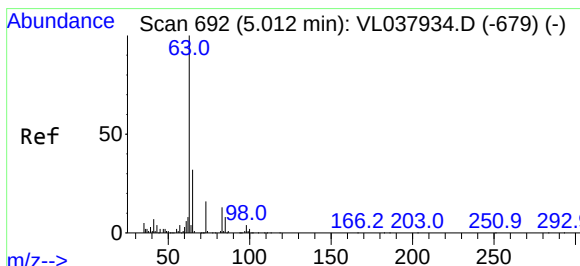
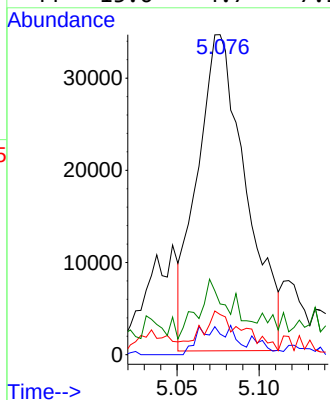
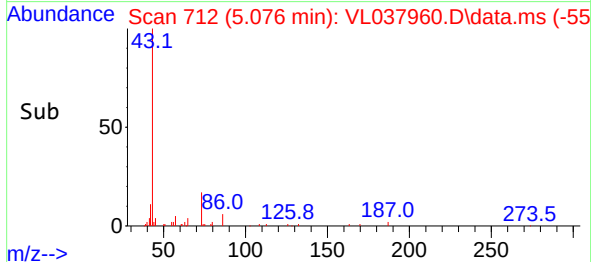
Instrument : MSVOA_1
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



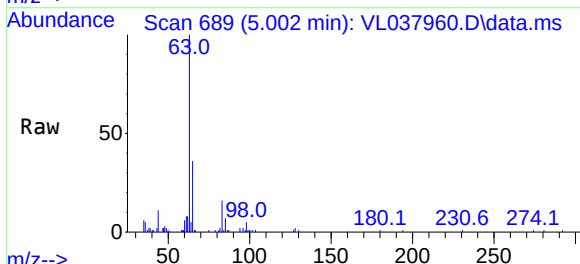
Tgt Ion: 43 Resp: 70793
 Ion Ratio Lower Upper
 43 100
 86 8.0 5.5 8.3
 42 14.1 7.4 11.2
 44 13.6 4.7 7.1#

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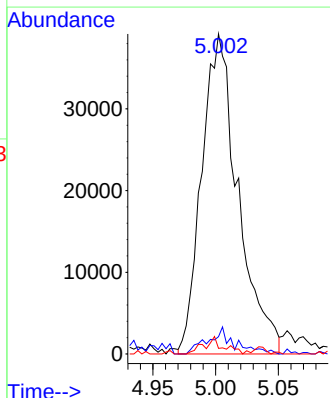
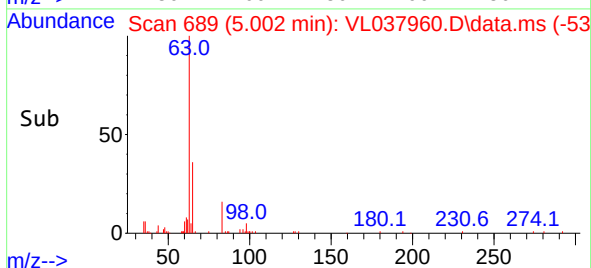
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

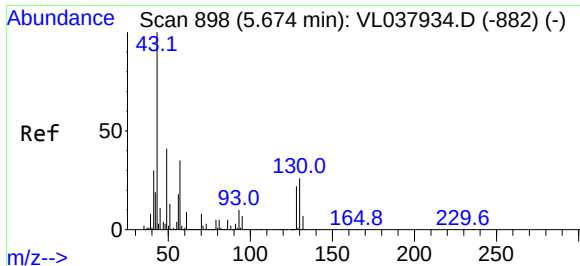


#24
 1,1-Dichloroethane
 Concen: 0.555 ppbv m
 RT: 5.002 min Scan# 689
 Delta R.T. -0.010 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20



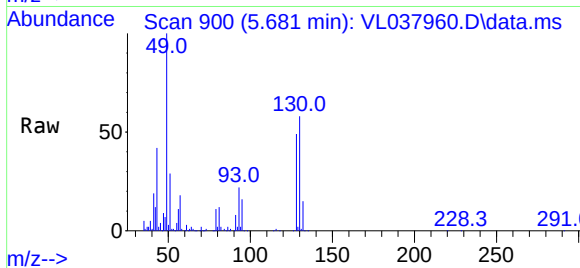
Tgt Ion: 63 Resp: 78984
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.3 6.9
 100 0.9 1.2 3.6#





#25
Ethyl Acetate
Concen: 0.467 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

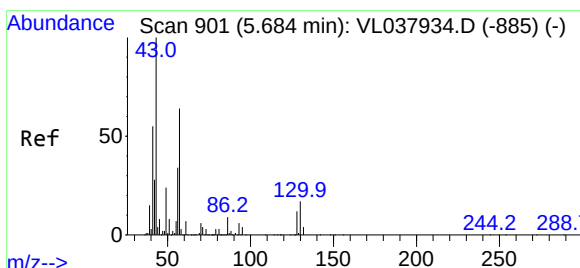
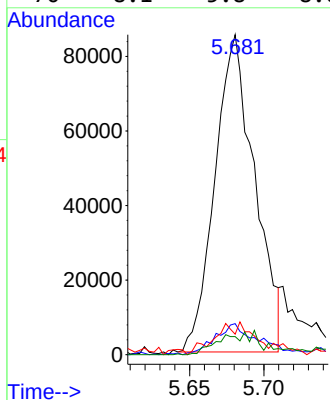
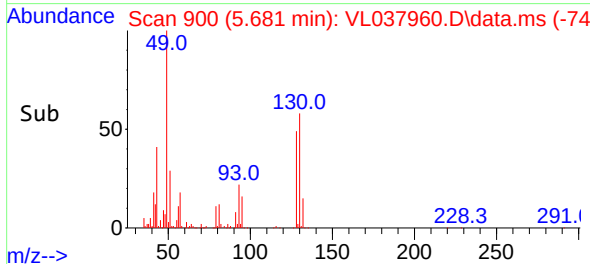
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



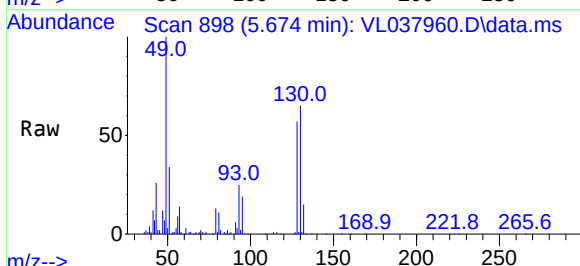
Tgt Ion: 43 Resp: 15856
Ion Ratio Lower Upper
43 100
45 10.6 8.1 12.1
61 12.1 8.1 12.1
70 8.1 5.8 8.6

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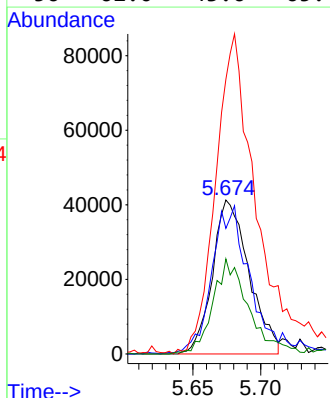
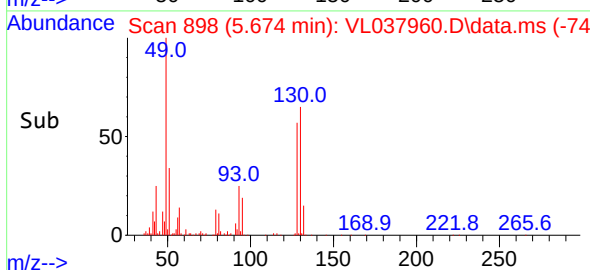
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

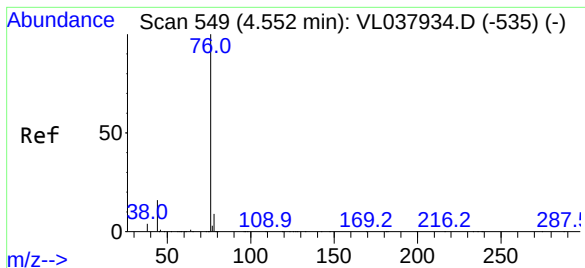


#26
Hexane
Concen: 0.482 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



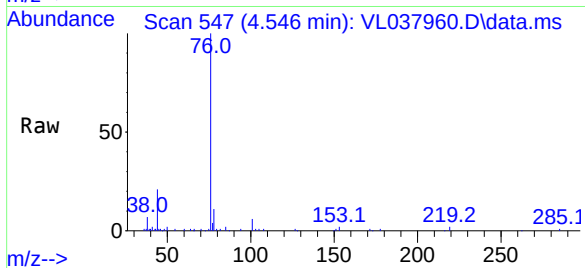
Tgt Ion: 57 Resp: 77586
Ion Ratio Lower Upper
57 100
41 105.2 71.0 106.6
43 248.5 173.0 259.6
56 62.0 43.6 65.4





#27
Carbon Disulfide
Concen: 0.475 ppbv m
RT: 4.546 min Scan# 549
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

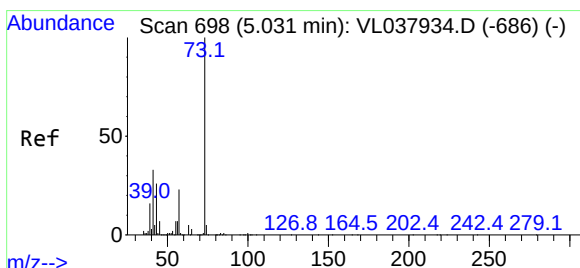
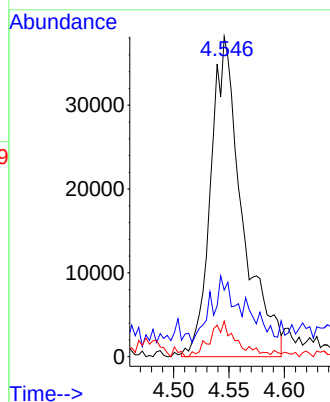
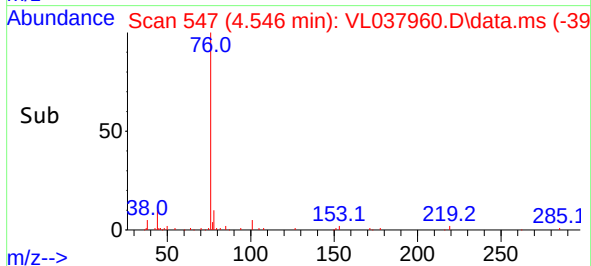
Instrument : MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 76 Resp: 75358
Ion Ratio Lower Upper
76 100
44 21.3 13.2 19.8
78 10.7 7.2 10.8

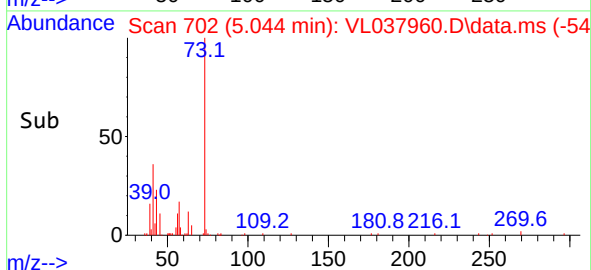
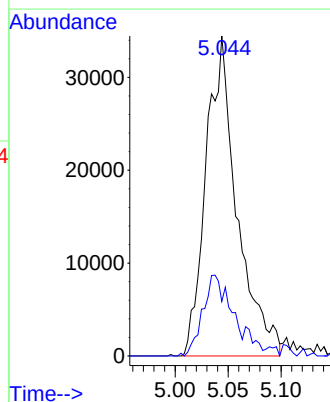
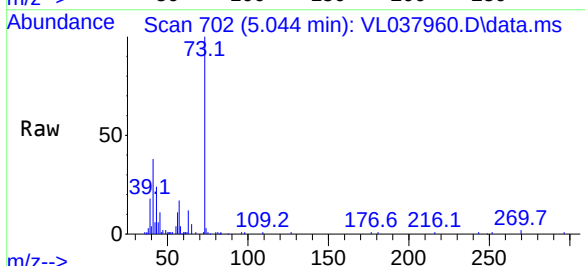
Manual Integrations
APPROVED

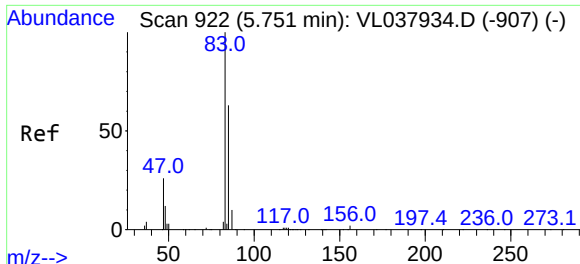
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#28
Methyl tert-Butyl Ether
Concen: 0.519 ppbv m
RT: 5.044 min Scan# 702
Delta R.T. 0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

Tgt Ion: 73 Resp: 70199
Ion Ratio Lower Upper
73 100
57 26.0 20.1 30.1





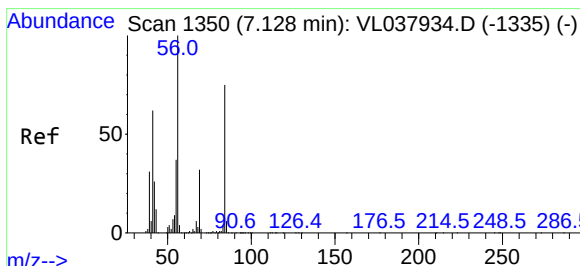
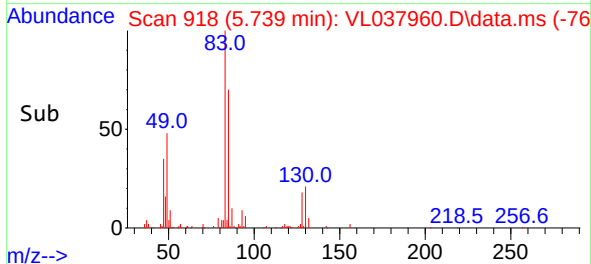
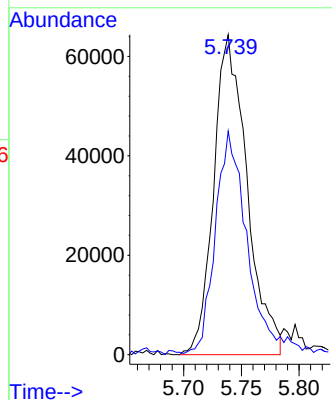
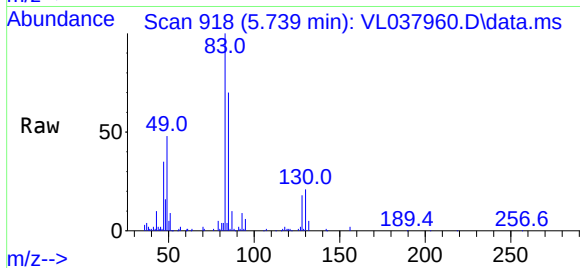
#29
Chloroform
Concen: 0.539 ppbv
RT: 5.739 min Scan# 918
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion: 83 Resp: 129210
Ion Ratio Lower Upper
83 100
85 69.1 50.6 76.0

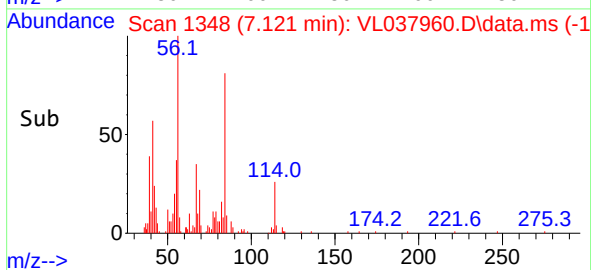
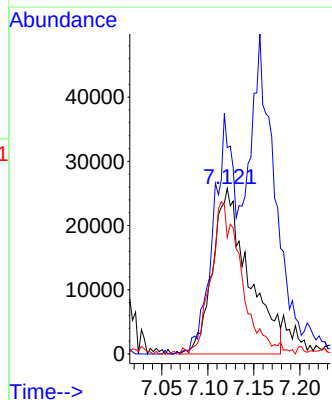
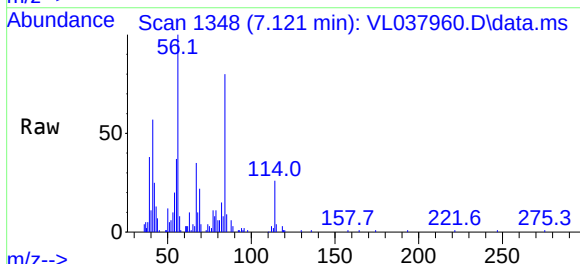
Manual Integrations
APPROVED

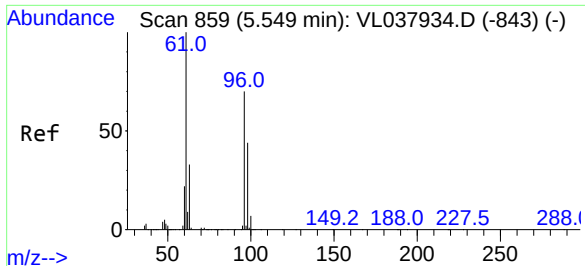
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#30
Cyclohexane
Concen: 0.508 ppbv m
RT: 7.121 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

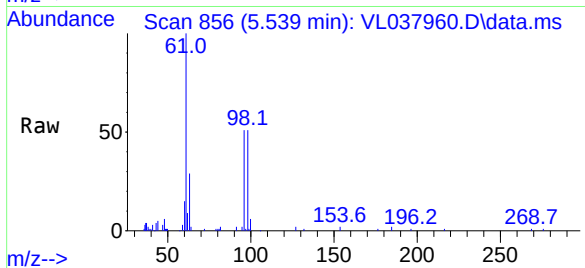
Tgt Ion: 84 Resp: 69826
Ion Ratio Lower Upper
84 100
56 94.6 114.0 171.0#
41 78.7 68.3 102.5





#31
cis-1,2-Dichloroethene
Concen: 0.477 ppbv
RT: 5.539 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

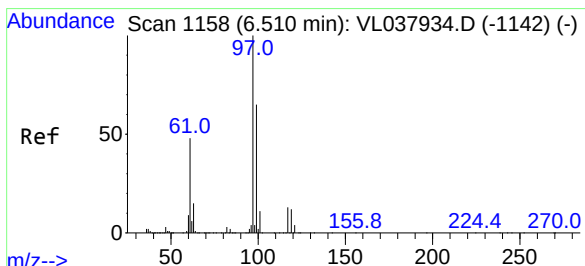
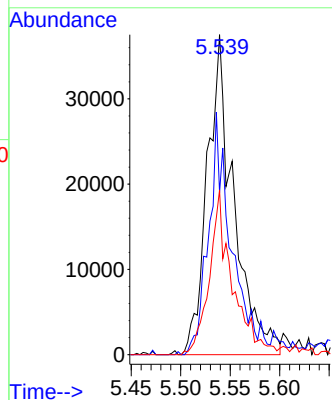
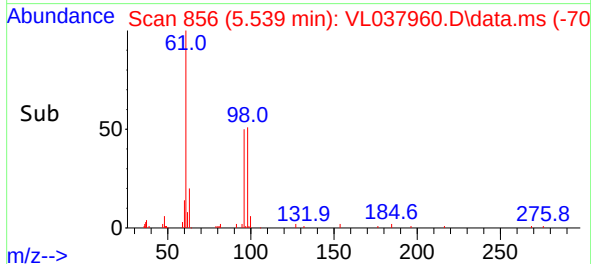
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



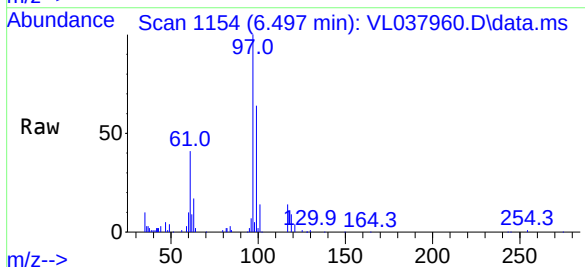
Tgt Ion: 61 Resp: 69980
Ion Ratio Lower Upper
61 100
96 50.6 55.6 83.4
98 51.5 34.9 52.3

Manual Integrations
APPROVED

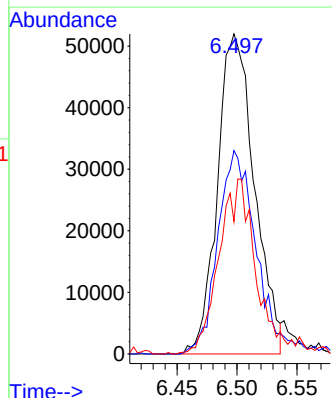
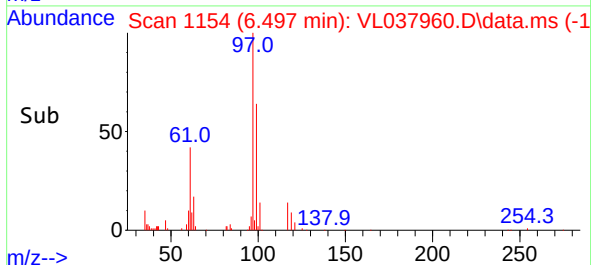
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

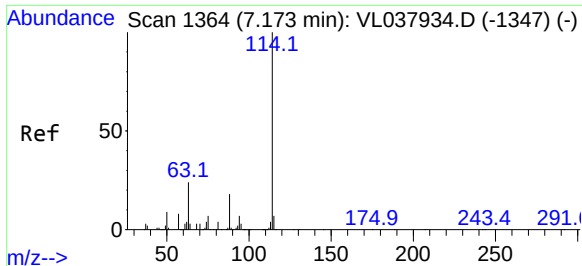


#32
1,1,1-Trichloroethane
Concen: 0.473 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



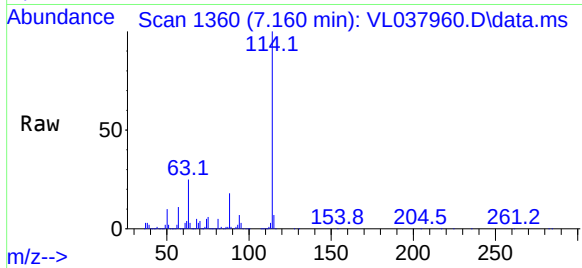
Tgt Ion: 97 Resp: 111466
Ion Ratio Lower Upper
97 100
99 67.7 52.2 78.4
61 56.3 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

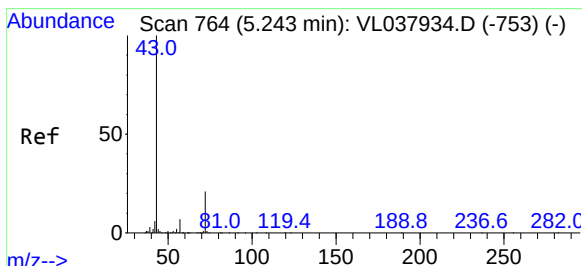
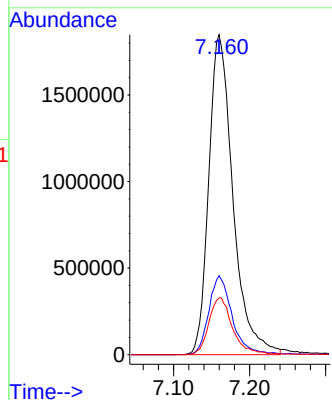
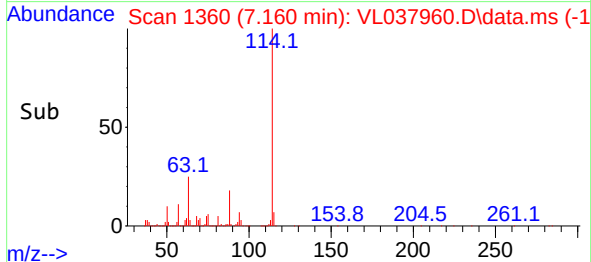
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion:114 Resp: 4078709
Ion Ratio Lower Upper
114 100
63 24.3 19.4 29.0
88 17.8 14.2 21.4

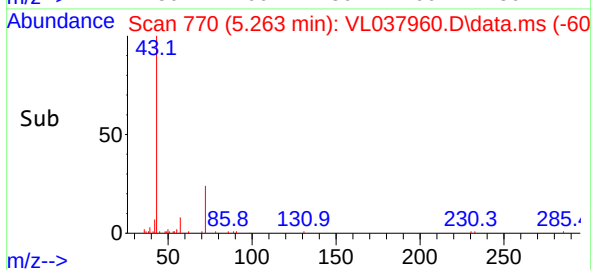
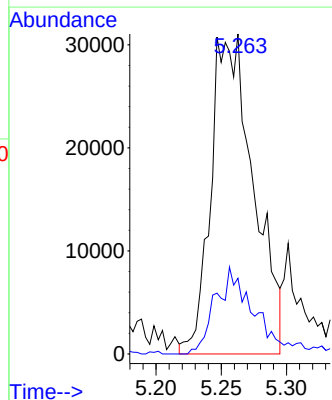
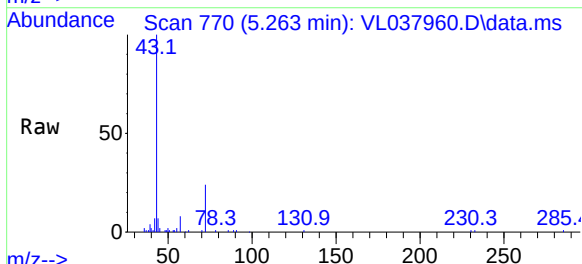
Manual Integrations
APPROVED

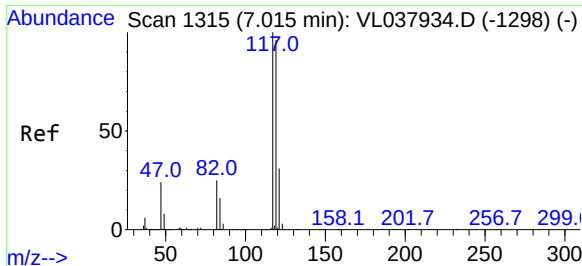
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#34
2-Butanone
Concen: 0.465 ppbv m
RT: 5.263 min Scan# 770
Delta R.T. 0.019 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

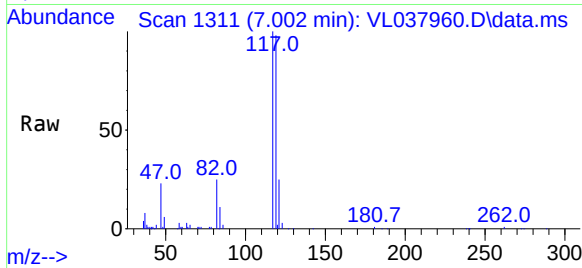
Tgt Ion: 43 Resp: 70322
Ion Ratio Lower Upper
43 100
72 0.0 18.3 27.5#





#35
Carbon Tetrachloride
Concen: 0.468 ppbv m
RT: 7.002 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

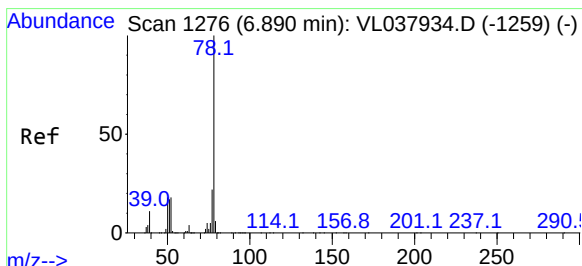
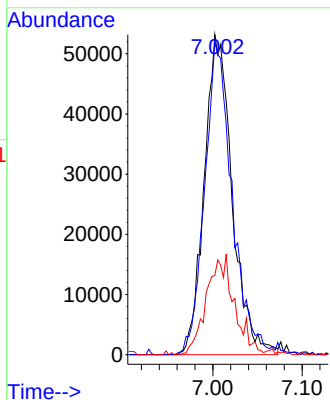
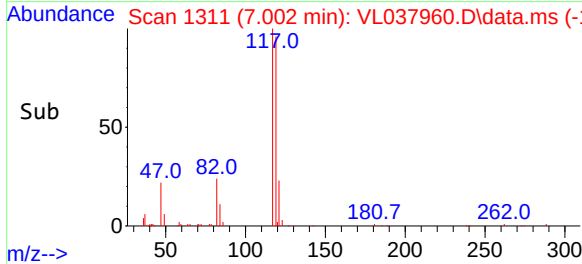
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



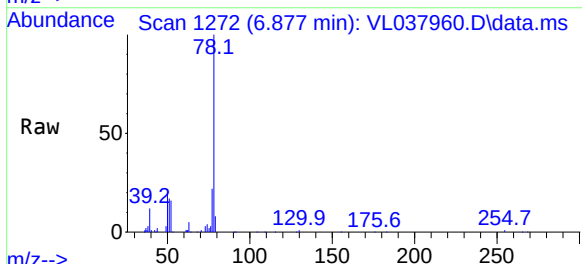
Tgt Ion: 117 Resp: 115464
Ion Ratio Lower Upper
117 100
119 97.7 76.6 114.8
121 24.7 25.1 37.7

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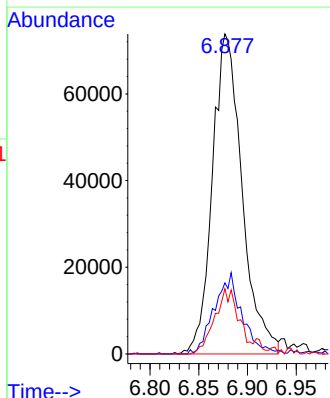
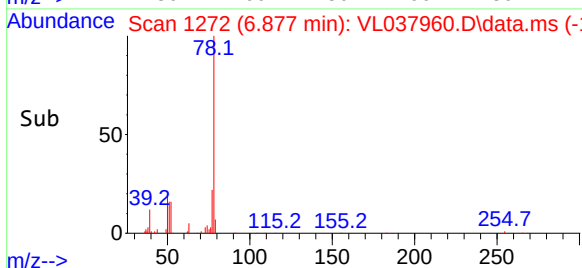
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

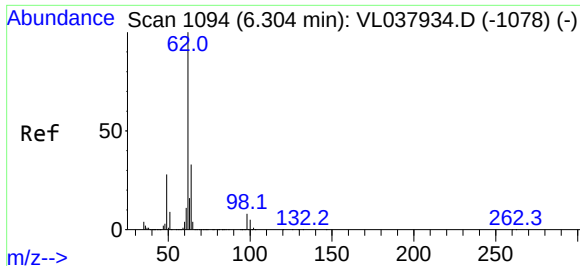


#36
Benzene
Concen: 0.470 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



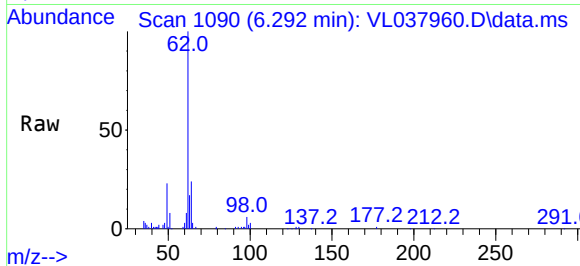
Tgt Ion: 78 Resp: 156278
Ion Ratio Lower Upper
78 100
77 22.2 17.9 26.9
50 20.4 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.524 ppbv
RT: 6.292 min Scan# 1094
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

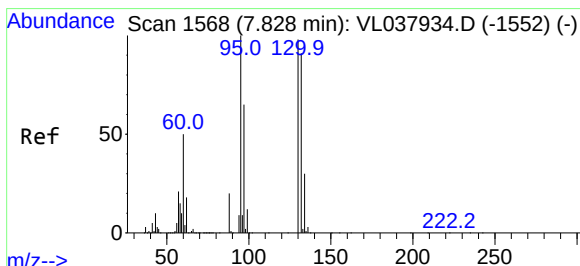
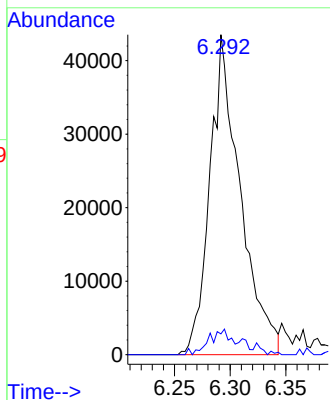
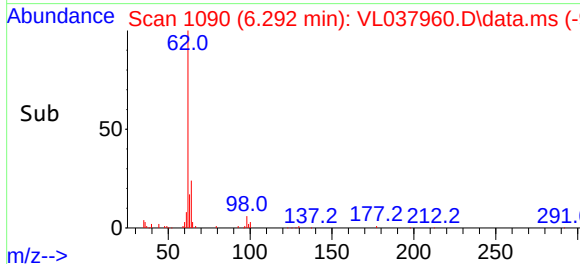
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 62 Resp: 82692
Ion Ratio Lower Upper
62 100
98 8.3 6.5 9.7

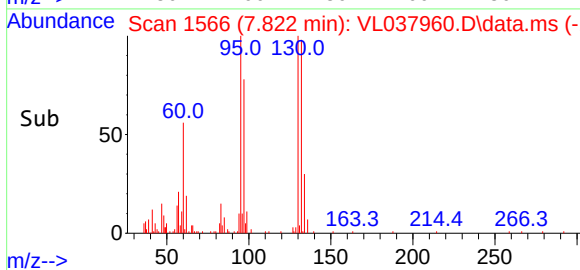
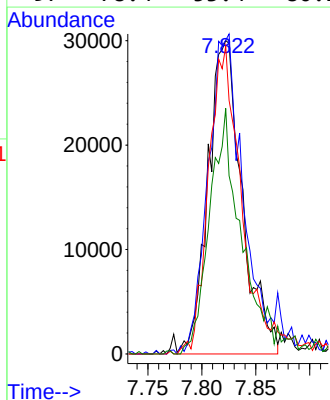
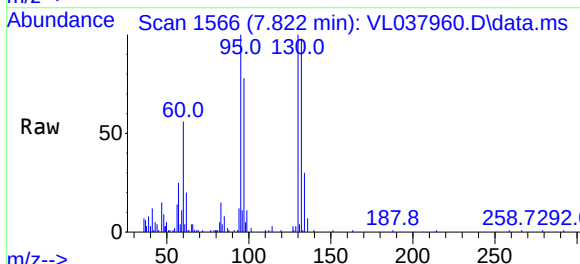
Manual Integrations
APPROVED

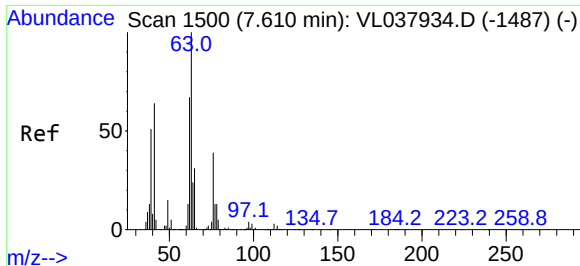
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Trichloroethene
Concen: 0.477 ppbv m
RT: 7.822 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

Tgt Ion:130 Resp: 65792
Ion Ratio Lower Upper
130 100
95 100.1 81.8 122.8
132 98.1 74.2 111.2
97 78.4 53.4 80.2





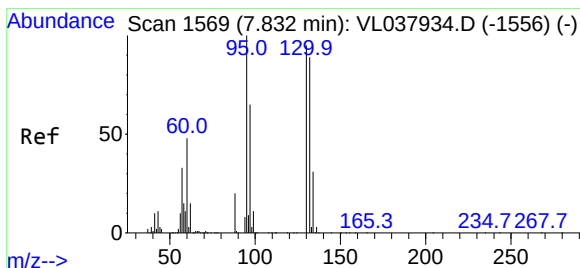
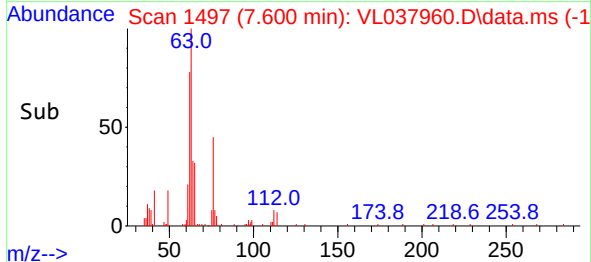
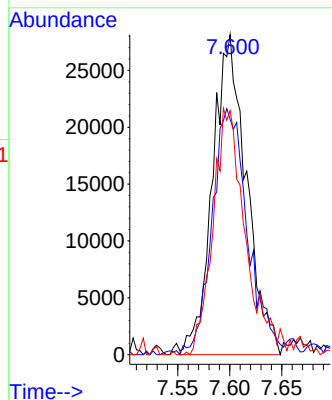
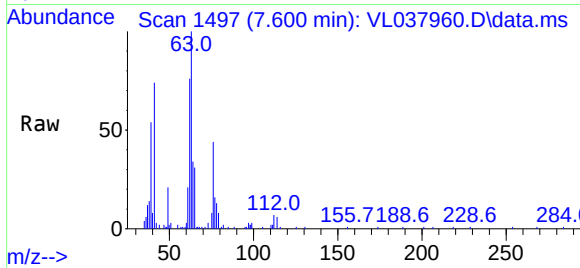
#39
1,2-Dichloropropane
Concen: 0.508 ppbv
RT: 7.600 min Scan# 1497
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion: 63 Resp: 6345
Ion Ratio Lower Upper
63 100
41 73.5 51.6 77.4
62 76.2 53.5 80.3

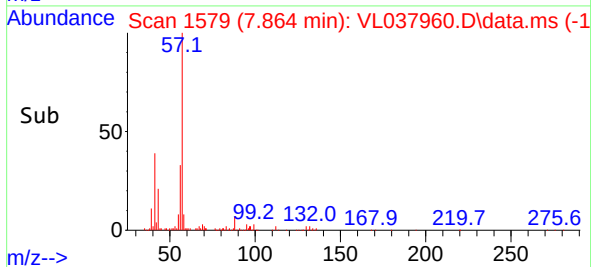
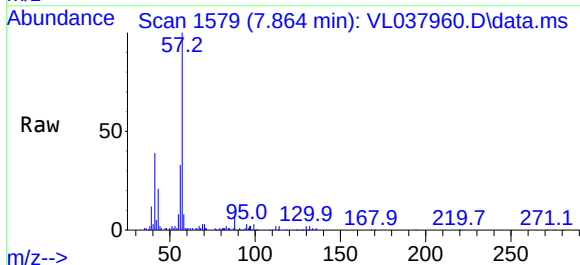
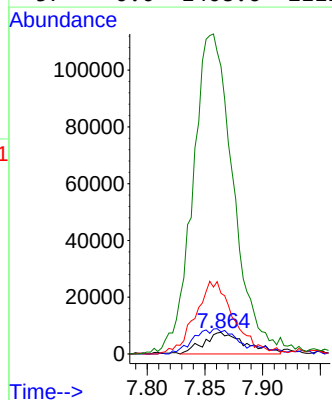
Manual Integrations
APPROVED

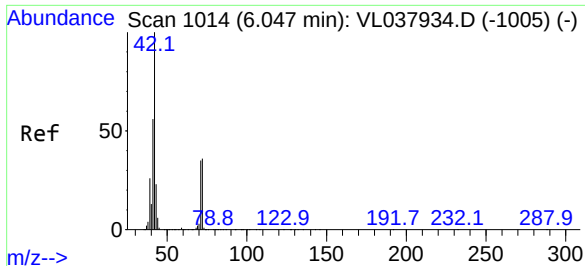
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#40
1,4-Dioxane
Concen: 0.579 ppbv m
RT: 7.864 min Scan# 1579
Delta R.T. 0.032 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

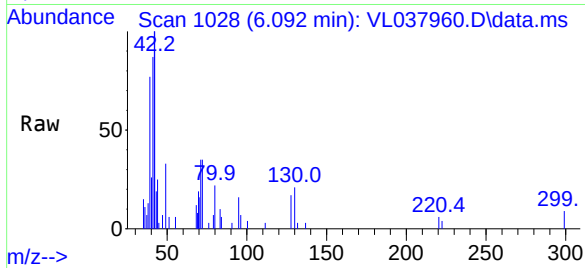
Tgt Ion: 88 Resp: 19065
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 0.417 ppbv m
RT: 6.092 min Scan# 1014
Delta R.T. 0.045 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

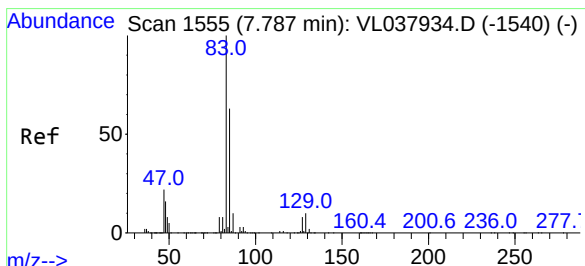
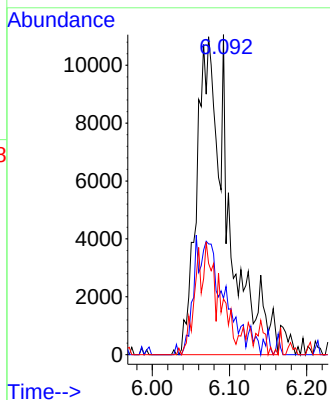
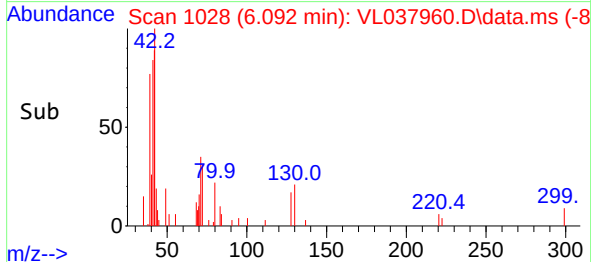
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



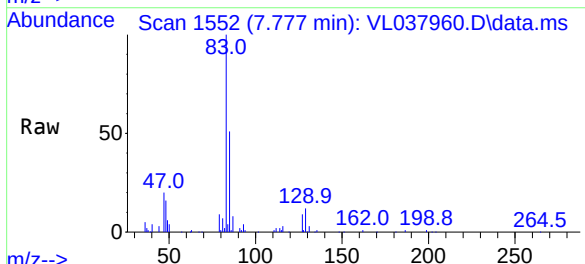
Tgt Ion: 42 Resp: 3085
Ion Ratio Lower Upper
42 100
72 37.4 31.5 47.3
71 0.0 30.5 45.7

Manual Integrations
APPROVED

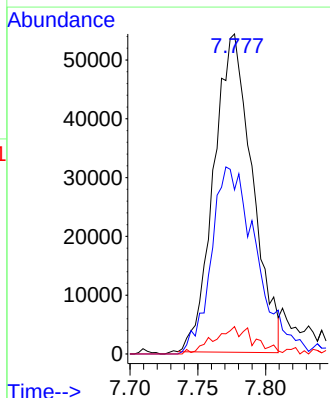
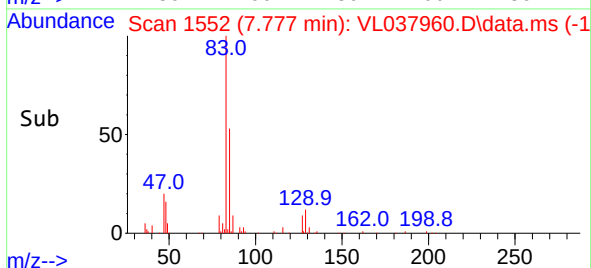
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

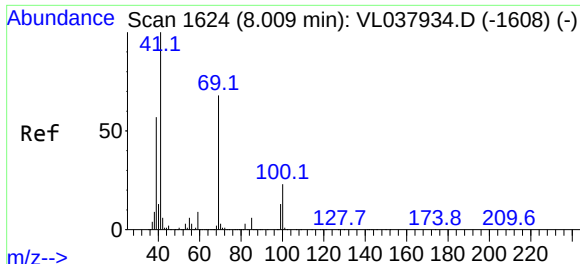


#42
Bromodichloromethane
Concen: 0.449 ppbv
RT: 7.777 min Scan# 1552
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



Tgt Ion: 83 Resp: 107178
Ion Ratio Lower Upper
83 100
85 51.7 50.1 75.1
127 8.6 6.1 9.1





#43

Methyl Methacrylate

Concen: 0.368 ppbv

RT: 8.009 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL037960.D

Acq: 2 Nov 2021 5:20

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

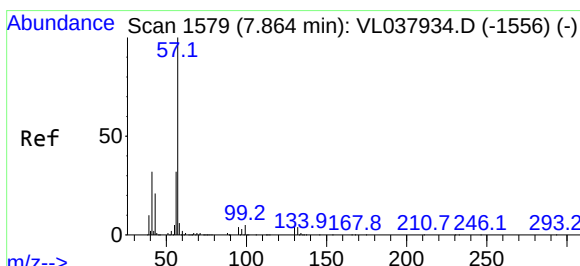
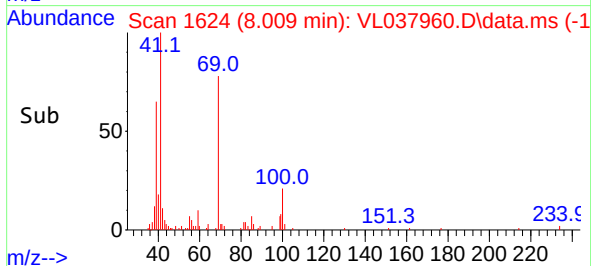
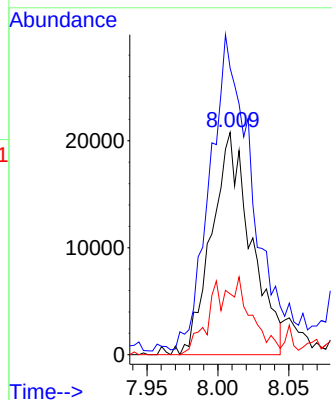
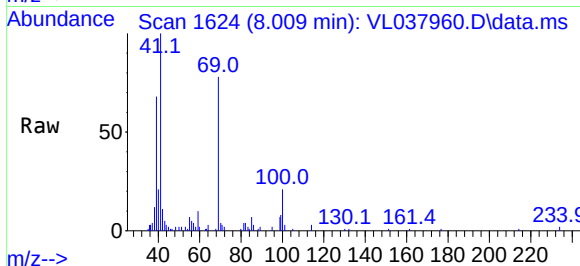
Tgt Ion: 69 Resp: 40069

Ion	Ratio	Lower	Upper
69	100		
41	158.2	117.4	176.2
100	34.7	27.8	41.6

Manual Integrations

APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 0.473 ppbv

RT: 7.857 min Scan# 1577

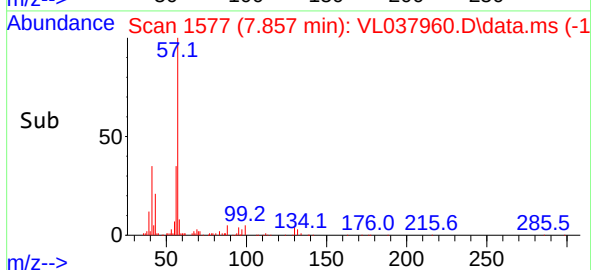
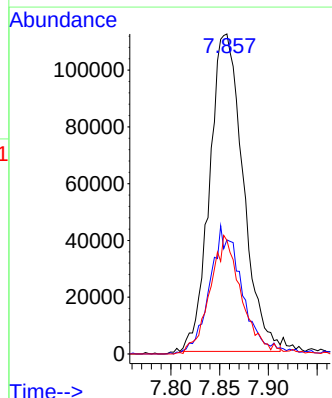
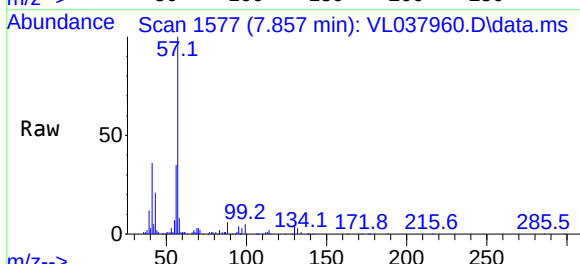
Delta R.T. -0.006 min

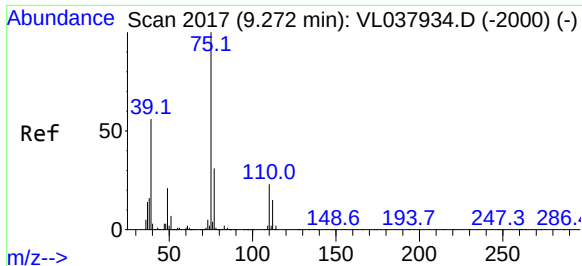
Lab File: VL037960.D

Acq: 2 Nov 2021 5:20

Tgt Ion: 57 Resp: 267195

Ion	Ratio	Lower	Upper
57	100		
41	39.3	25.8	38.8
56	35.8	25.9	38.9





#45

t-1,3-Dichloropropene

Concen: 0.323 ppbv m

RT: 9.266 min Scan# 2017

Delta R.T. -0.006 min

Lab File: VL037960.D

Acq: 2 Nov 2021 5:20

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

Tgt Ion: 75 Resp: 25880

Ion Ratio Lower Upper

75 100

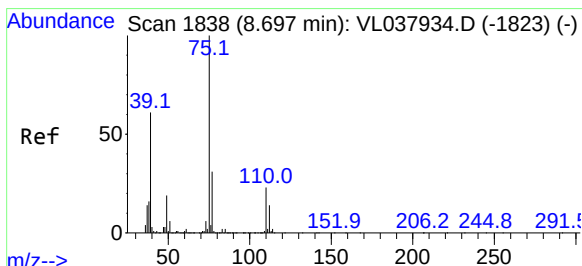
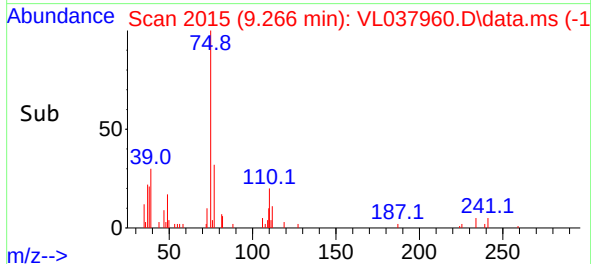
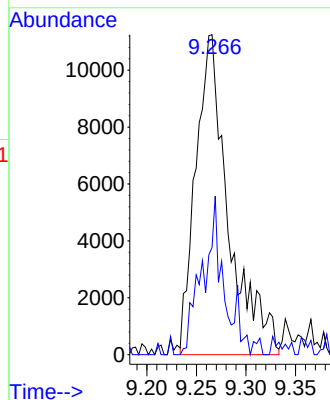
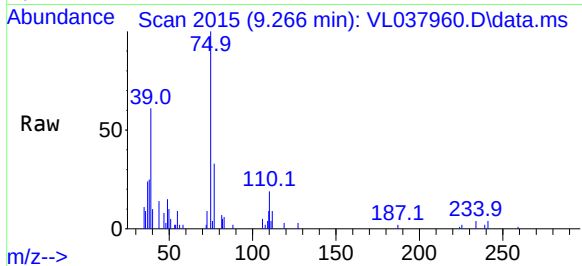
77 33.5 25.2 37.8

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: 0.348 ppbv m

RT: 8.687 min Scan# 1835

Delta R.T. -0.010 min

Lab File: VL037960.D

Acq: 2 Nov 2021 5:20

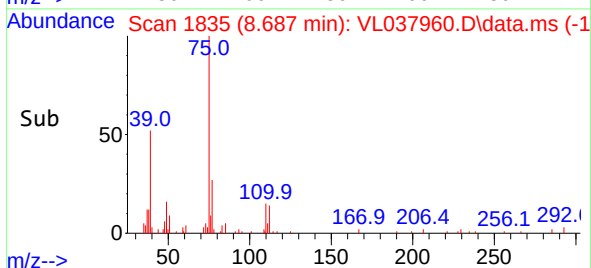
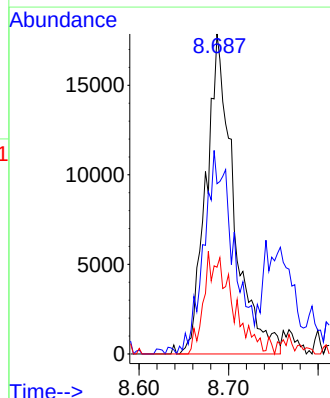
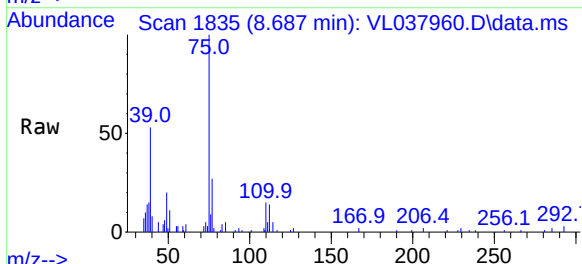
Tgt Ion: 75 Resp: 38304

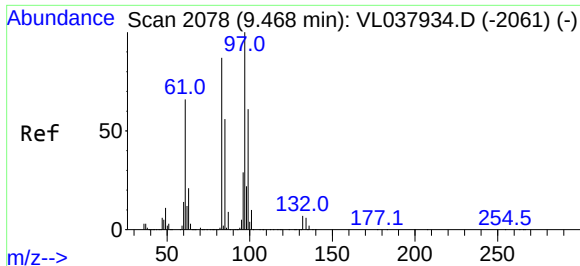
Ion Ratio Lower Upper

75 100

39 53.2 48.8 73.2

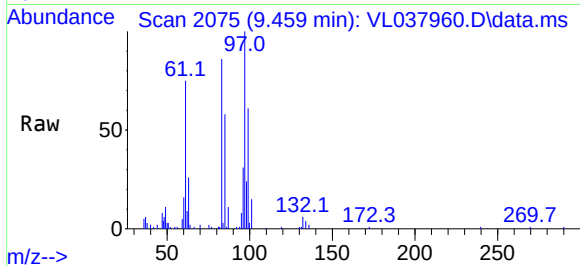
77 27.1 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 0.518 ppbv m
RT: 9.459 min Scan# 2078
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

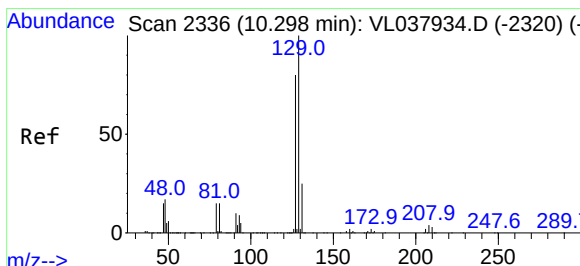
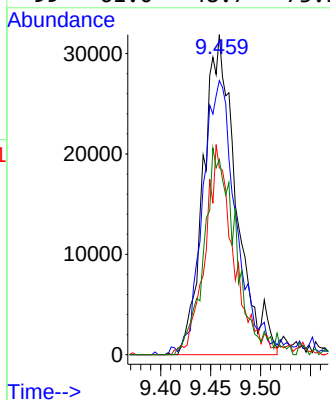
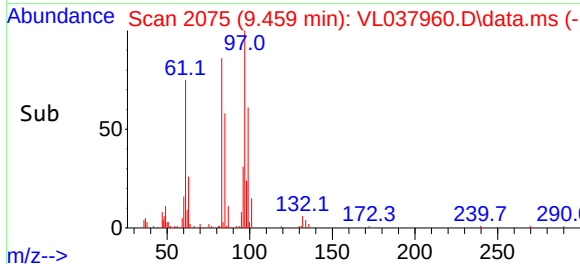
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



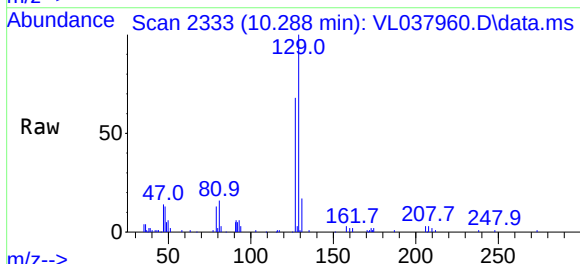
Tgt Ion: 97 Resp: 7277
Ion Ratio Lower Upper
97 100
83 85.6 69.4 104.2
85 58.4 45.0 67.6
99 61.0 48.7 73.1

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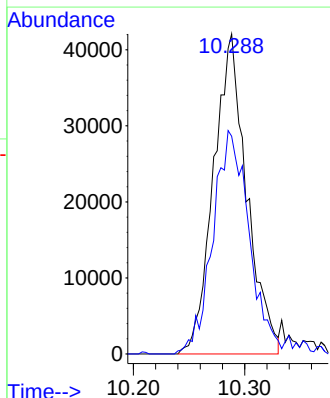
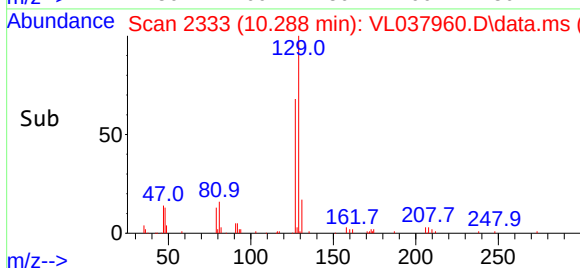
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

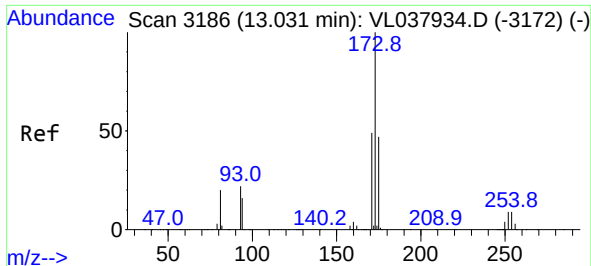


#48
Dibromochloromethane
Concen: 0.438 ppbv
RT: 10.288 min Scan# 2333
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



Tgt Ion:129 Resp: 87064
Ion Ratio Lower Upper
129 100
127 78.3 40.3 120.9





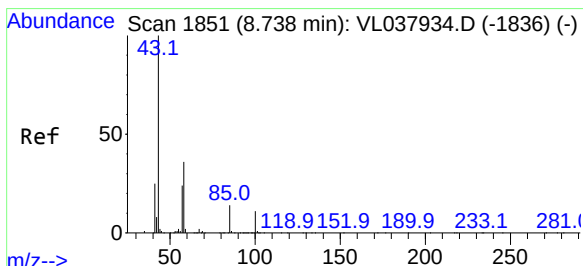
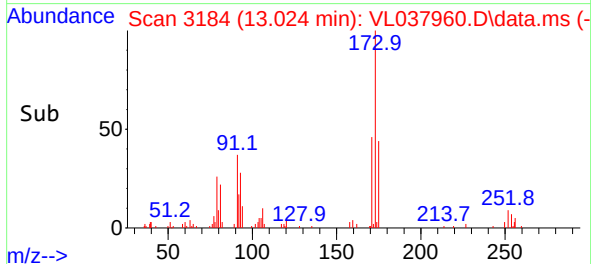
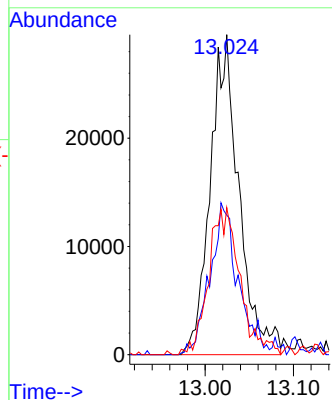
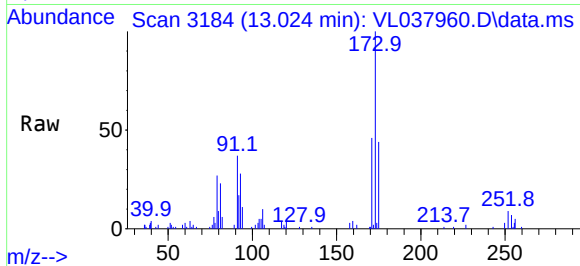
#49
Bromoform
Concen: 0.424 ppbv m
RT: 13.024 min Scan# 3186
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion:173 Resp: 66694
Ion Ratio Lower Upper
173 100
175 50.8 39.5 59.3
171 0.0 43.6 65.4

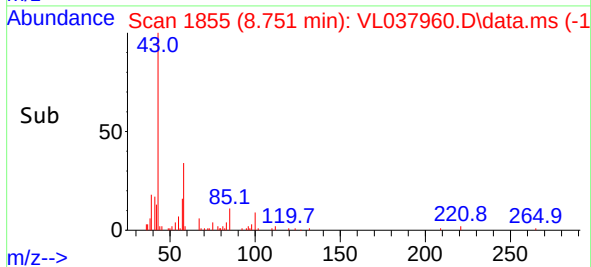
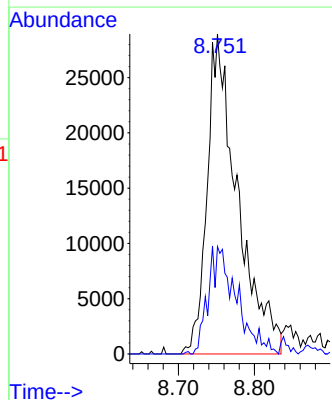
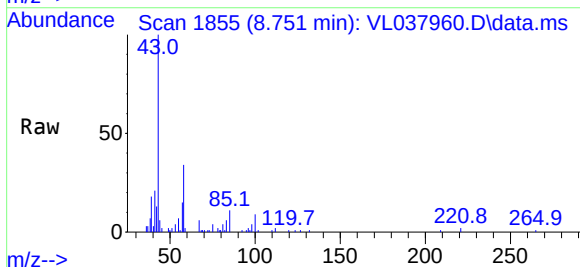
Manual Integrations
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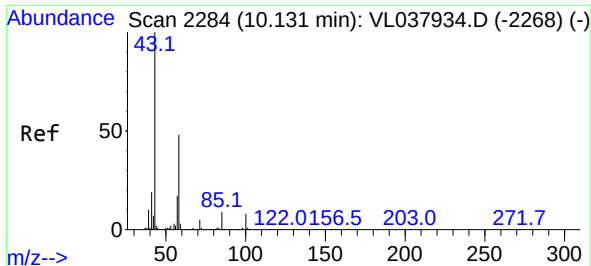
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50
4-Methyl-2-Pentanone
Concen: 0.405 ppbv m
RT: 8.751 min Scan# 1855
Delta R.T. 0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

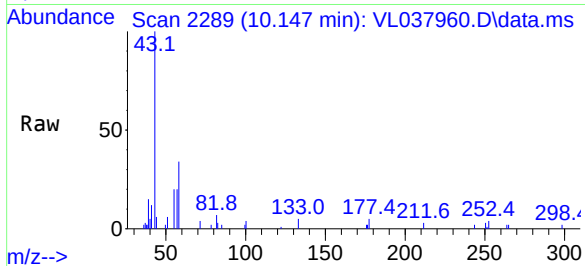
Tgt Ion: 43 Resp: 80472
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2





#51
2-Hexanone
Concen: 0.325 ppbv m
RT: 10.147 min Scan# 2178
Delta R.T. 0.016 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

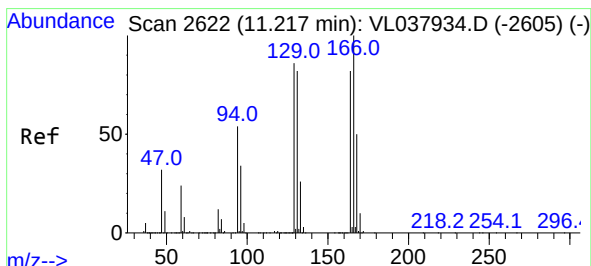
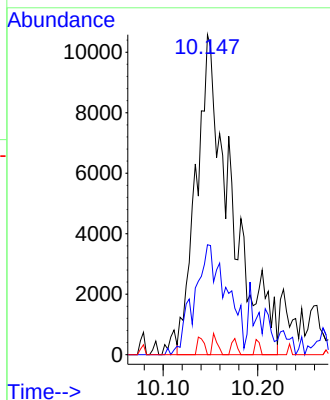
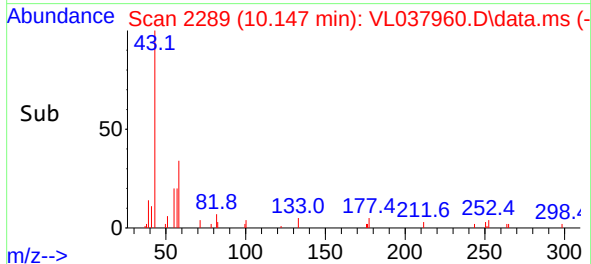
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



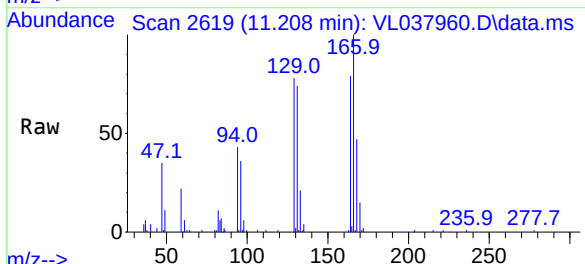
Tgt Ion: 43 Resp: 27178
Ion Ratio Lower Upper
43 100
58 0.0 38.6 57.8
98 0.0 1.0 1.4

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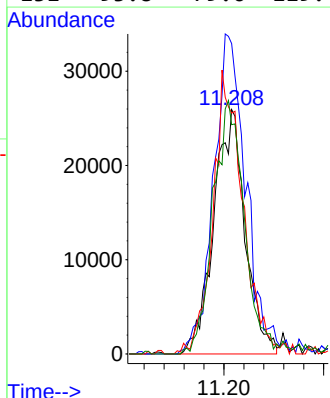
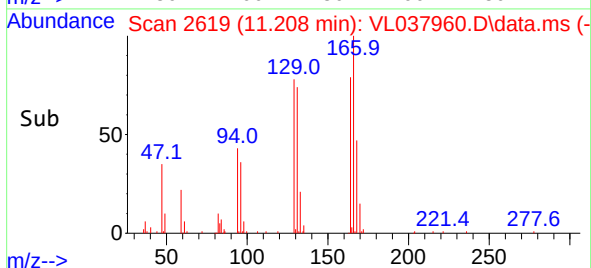
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

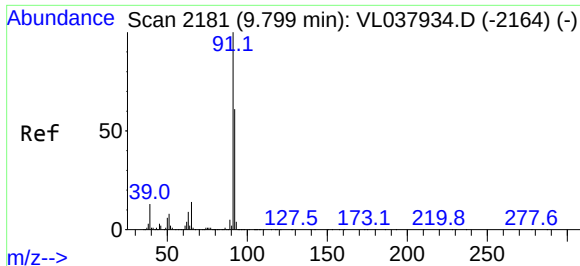


#52
Tetrachloroethene
Concen: 0.449 ppbv m
RT: 11.208 min Scan# 2619
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



Tgt Ion:164 Resp: 56569
Ion Ratio Lower Upper
164 100
166 127.0 97.6 146.4
129 98.6 84.2 126.2
131 93.8 79.6 119.4





#53

Toluene

Concen: 0.378 ppbv

RT: 9.793 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VL037960.D

Acq: 2 Nov 2021 5:20

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

Tgt Ion: 91 Resp: 134720

Ion Ratio Lower Upper

91 100

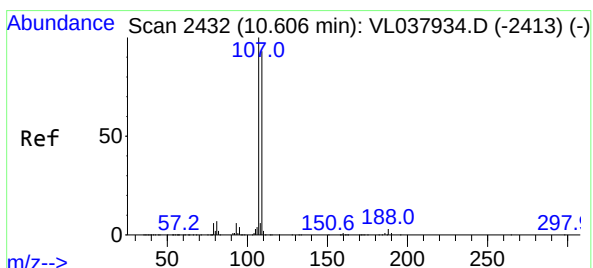
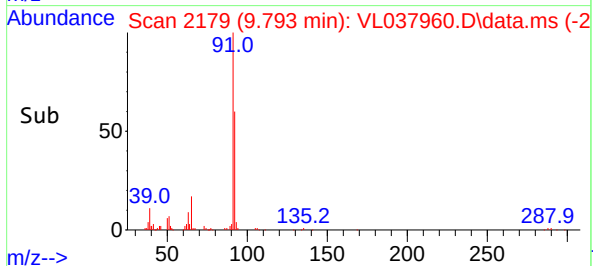
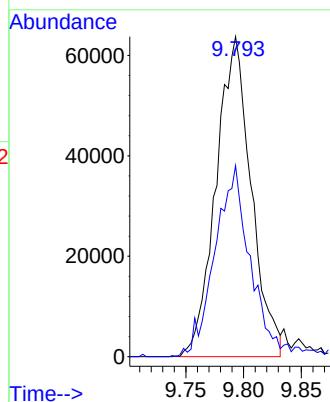
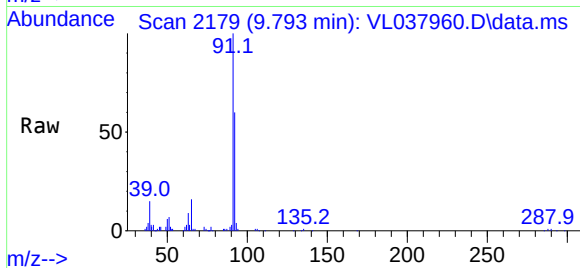
92 62.8 48.2 72.4

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: 0.446 ppbv

RT: 10.590 min Scan# 2427

Delta R.T. -0.016 min

Lab File: VL037960.D

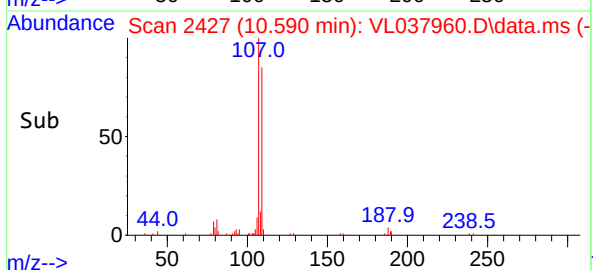
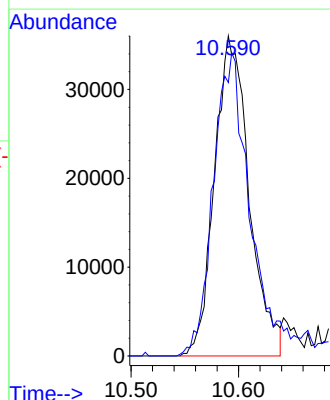
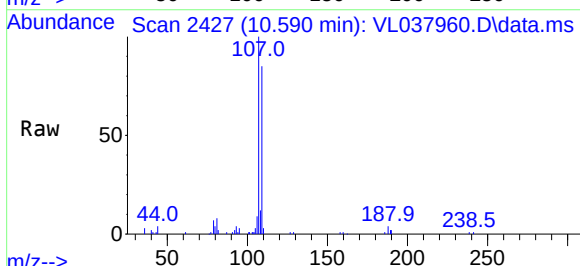
Acq: 2 Nov 2021 5:20

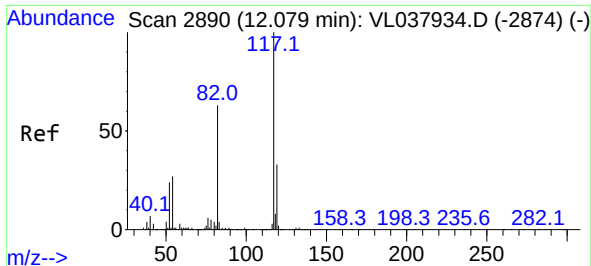
Tgt Ion:107 Resp: 80756

Ion Ratio Lower Upper

107 100

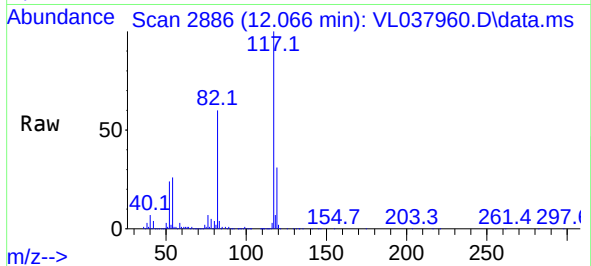
109 85.0 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

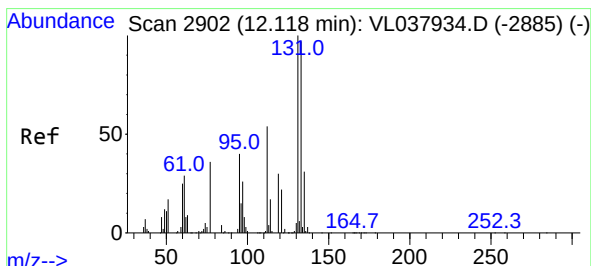
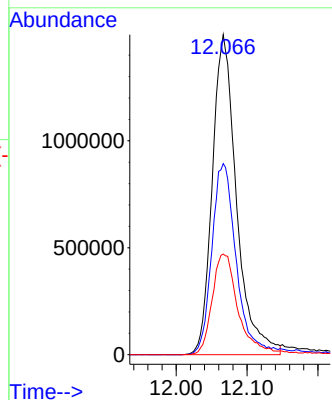
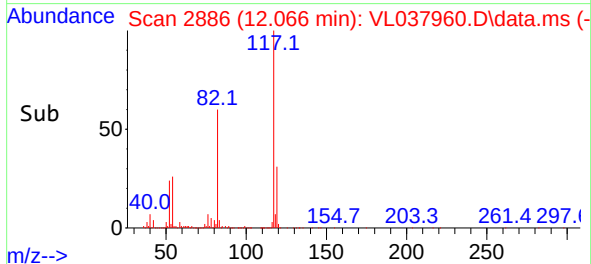
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



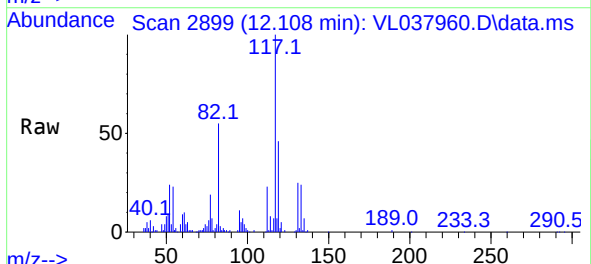
Tgt Ion:117 Resp: 356013
Ion Ratio Lower Upper
117 100
82 63.6 51.0 76.6
119 35.1 26.9 40.3

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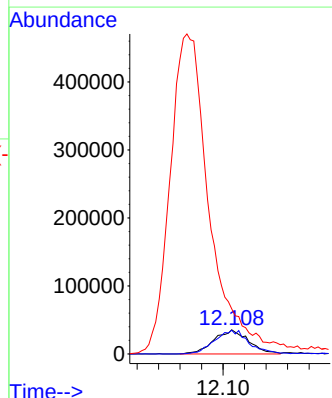
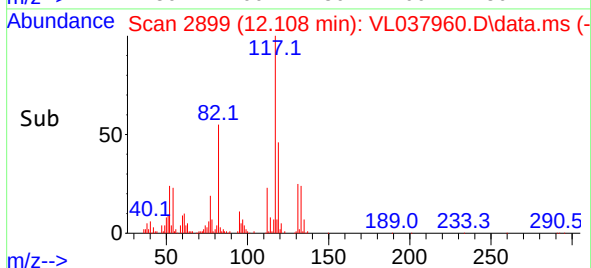
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

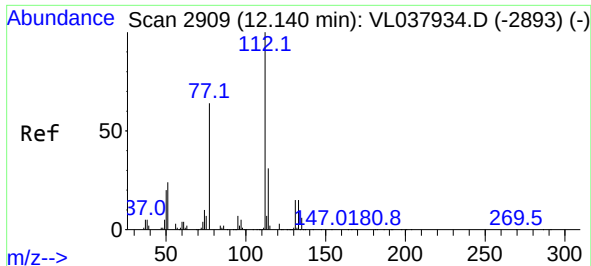


#56
1,1,1,2-Tetrachloroethane
Concen: 0.550 ppbv
RT: 12.108 min Scan# 2899
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



Tgt Ion:131 Resp: 79075
Ion Ratio Lower Upper
131 100
133 98.6 79.6 119.4
119 1579.2 125.4 188.2#





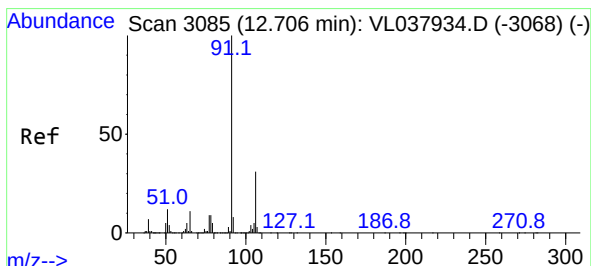
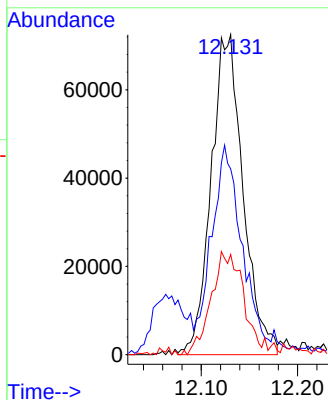
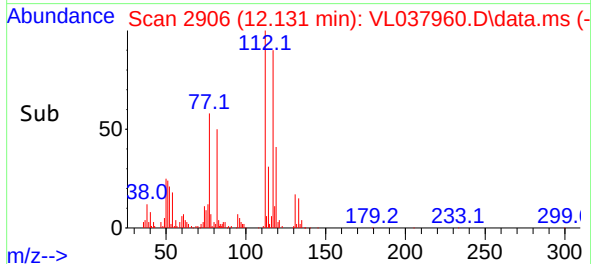
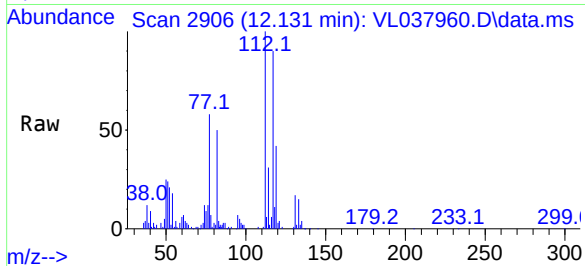
#57
Chlorobenzene
Concen: 0.587 ppbv m
RT: 12.131 min Scan# 2906
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion:112 Resp: 166840
Ion Ratio Lower Upper
112 100
77 58.0 51.1 76.7
114 31.3 27.9 34.1

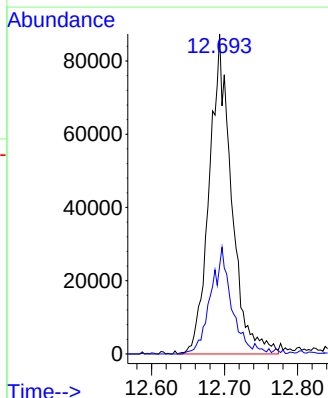
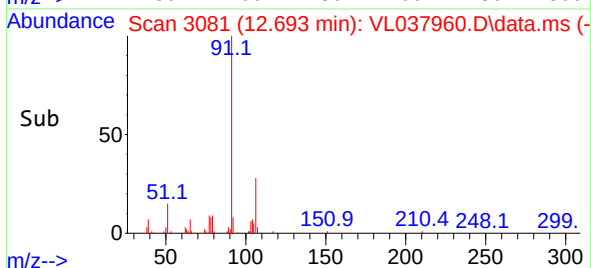
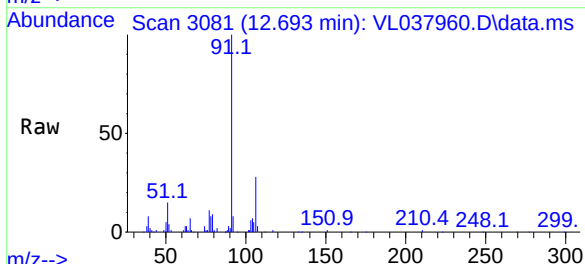
Manual Integrations
APPROVED

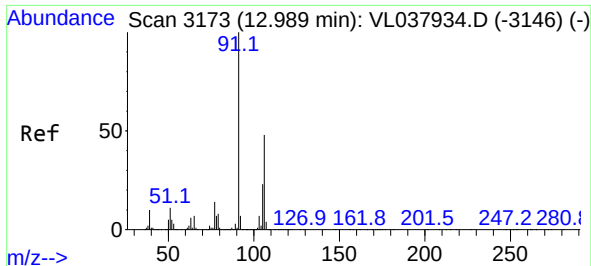
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58
Ethyl Benzene
Concen: 0.425 ppbv m
RT: 12.693 min Scan# 3081
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

Tgt Ion: 91 Resp: 185076
Ion Ratio Lower Upper
91 100
106 27.6 25.1 37.7





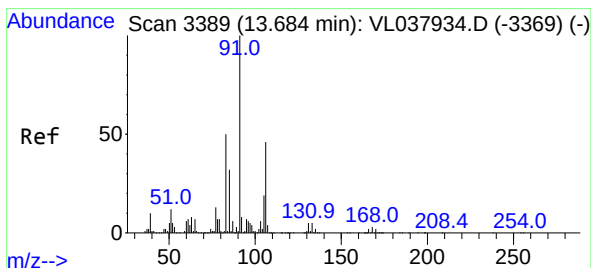
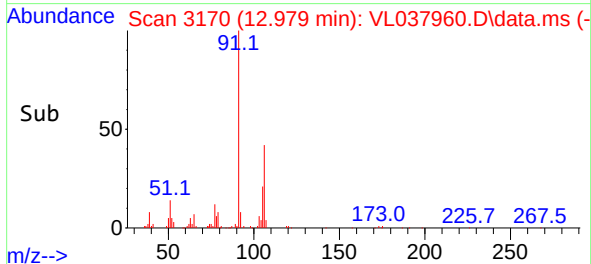
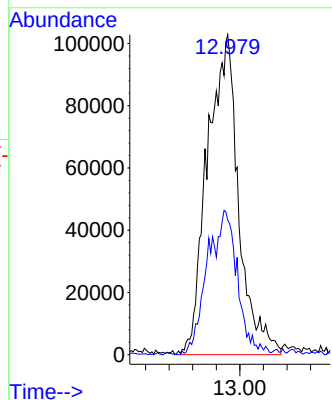
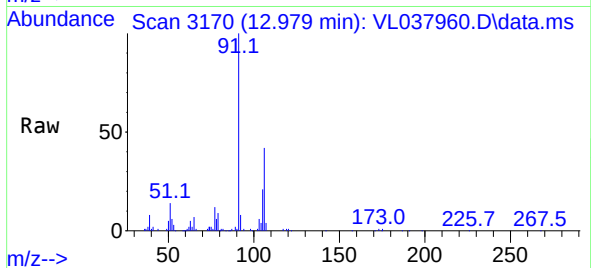
#59
m/p-Xylene
Concen: 0.979 ppbv m
RT: 12.979 min Scan# 3173
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion: 91 Resp: 378740
Ion Ratio Lower Upper
91 100
106 43.2 37.1 55.7

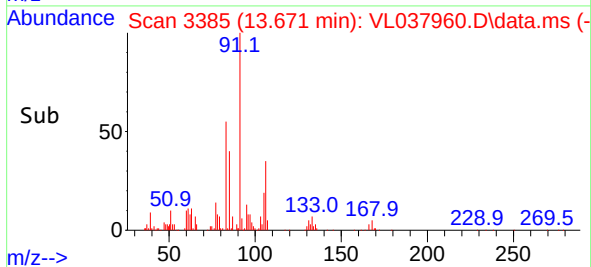
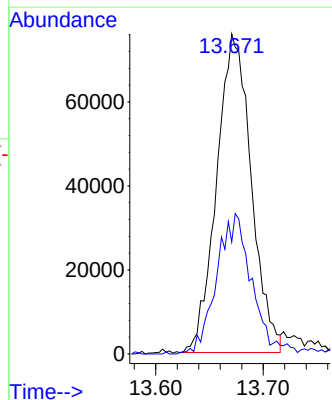
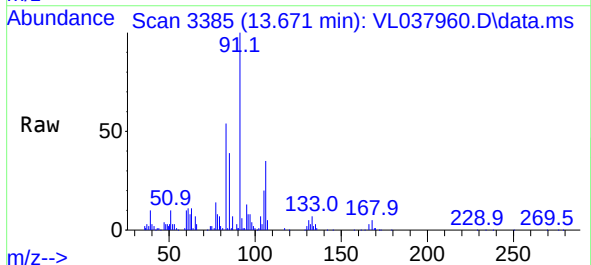
Manual Integrations
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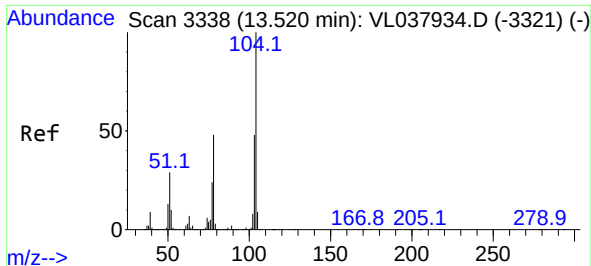
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
o-Xylene
Concen: 0.465 ppbv
RT: 13.671 min Scan# 3385
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

Tgt Ion: 91 Resp: 169546
Ion Ratio Lower Upper
91 100
106 45.6 23.5 70.6





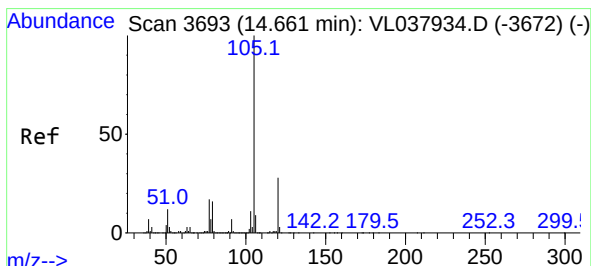
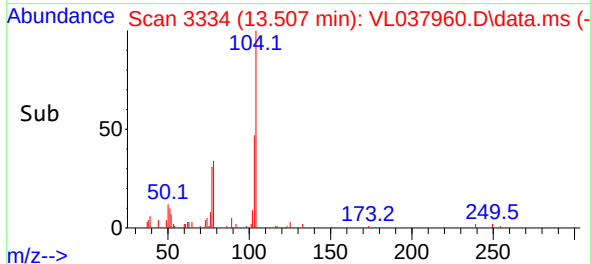
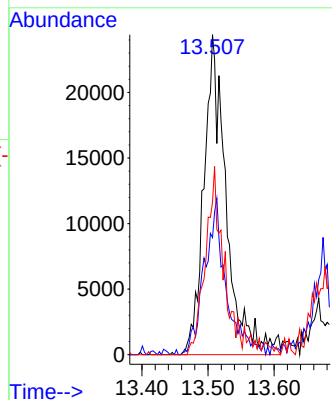
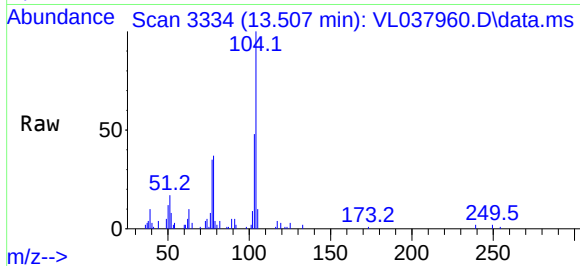
#61
Styrene
Concen: 0.343 ppbv m
RT: 13.507 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion:104 Resp: 5754
Ion Ratio Lower Upper
104 100
78 0.0 39.3 58.9
103 0.0 39.6 59.4

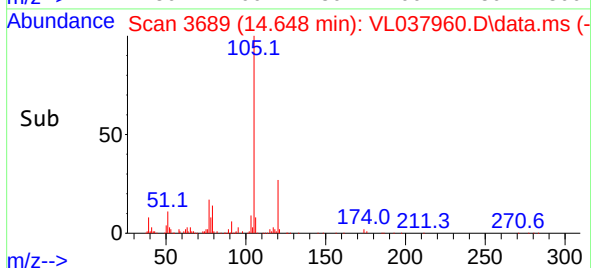
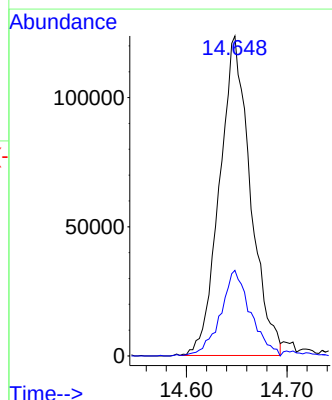
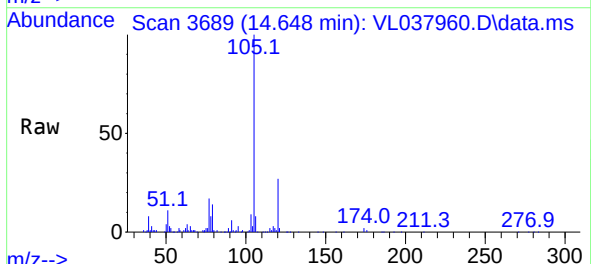
Manual Integrations
APPROVED

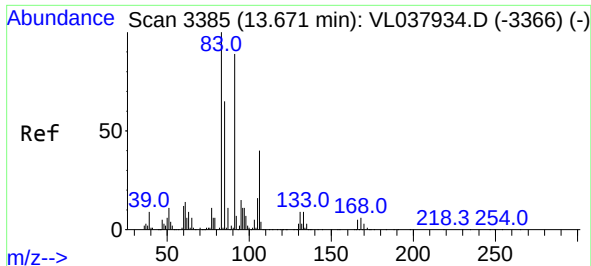
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Isopropylbenzene
Concen: 0.512 ppbv
RT: 14.648 min Scan# 3689
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

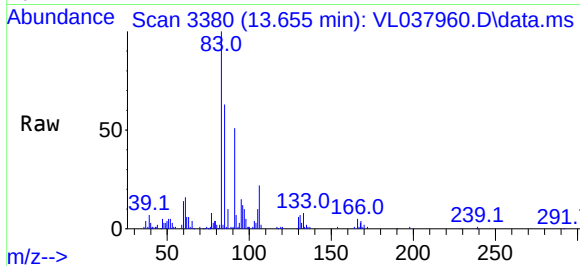
Tgt Ion:105 Resp: 264281
Ion Ratio Lower Upper
105 100
120 27.3 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.505 ppbv
RT: 13.655 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

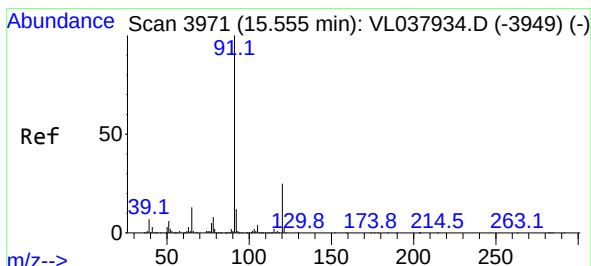
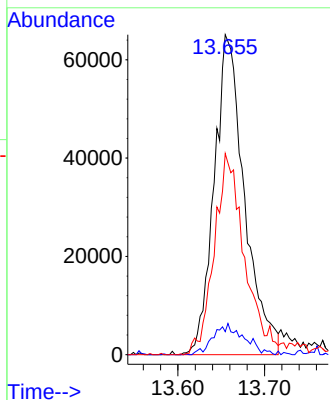
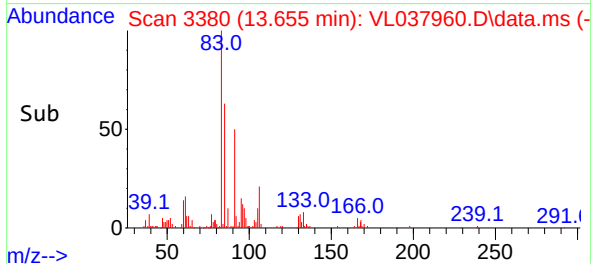
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



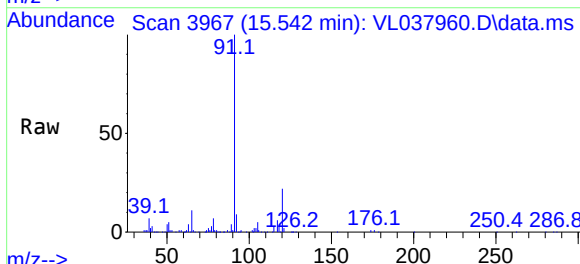
Tgt Ion: 83 Resp: 15843
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 63.2 32.5 97.5

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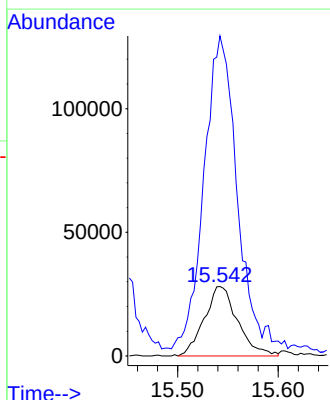
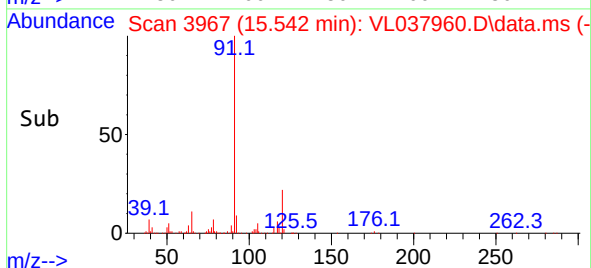
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

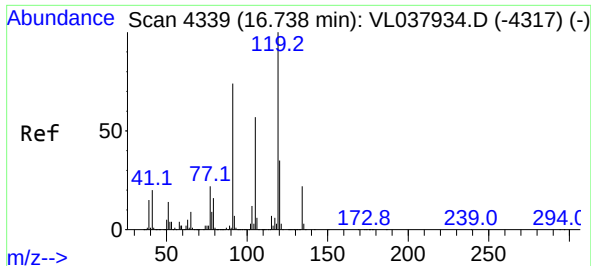


#64
n-propylbenzene
Concen: 0.490 ppbv
RT: 15.542 min Scan# 3967
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



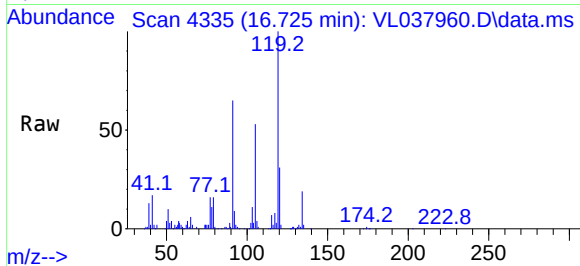
Tgt Ion:120 Resp: 64833
Ion Ratio Lower Upper
120 100
91 493.5 363.3 544.9





#65
tert-Butylbenzene
Concen: 0.496 ppbv m
RT: 16.725 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

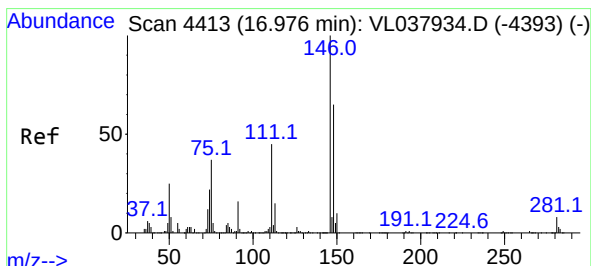
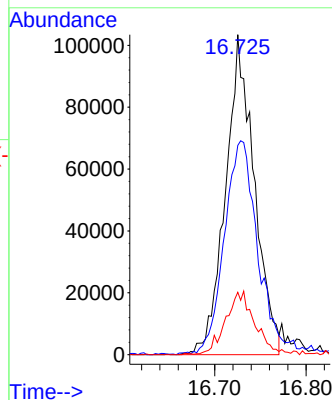
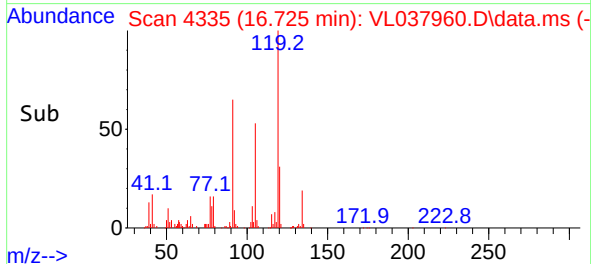
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



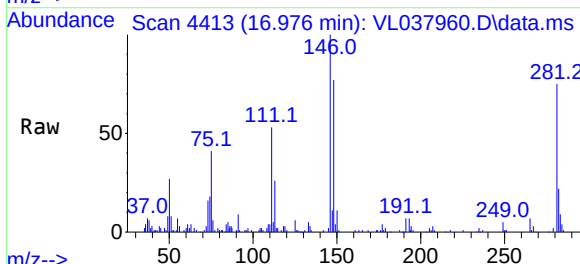
Tgt Ion: 119 Resp: 226434
Ion Ratio Lower Upper
119 100
91 79.5 61.8 92.6
134 20.7 16.6 25.0

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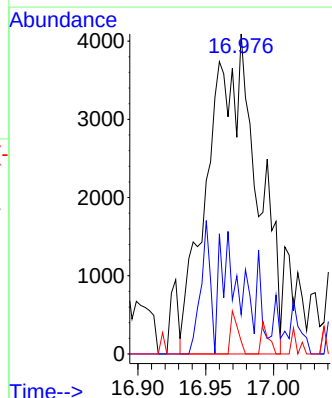
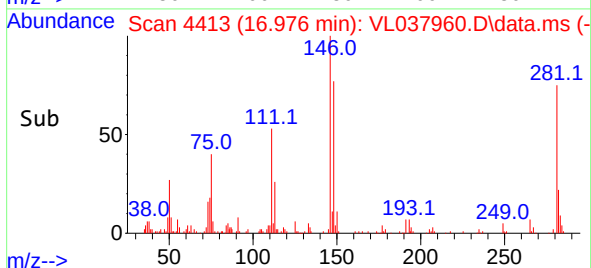
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

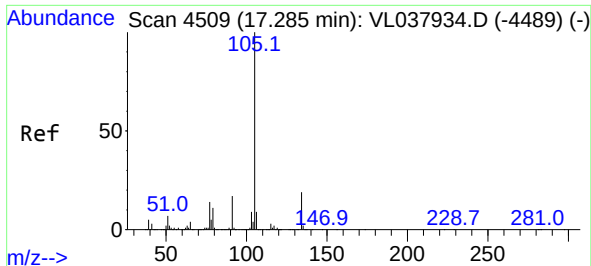


#66
Benzyl Chloride
Concen: 0.428 ppbv m
RT: 16.976 min Scan# 4413
Delta R.T. 0.000 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



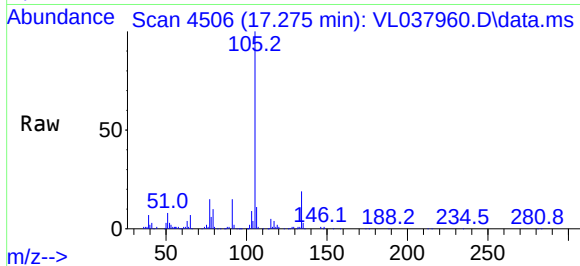
Tgt Ion: 91 Resp: 10206
Ion Ratio Lower Upper
91 100
126 0.0 13.8 20.6#
128 2.0 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.471 ppbv
 RT: 17.275 min Scan# 4506
 Delta R.T. -0.010 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20

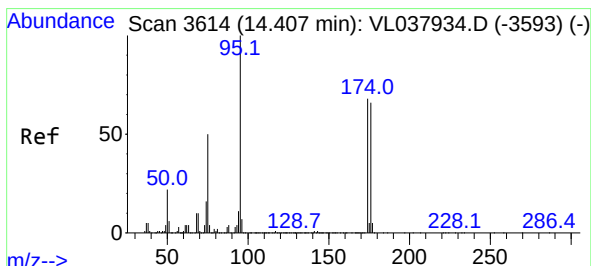
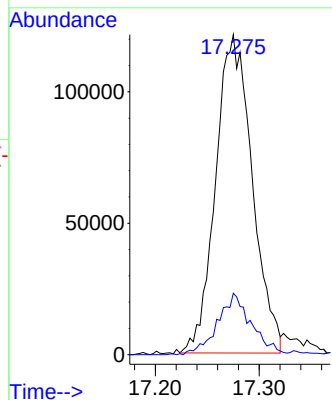
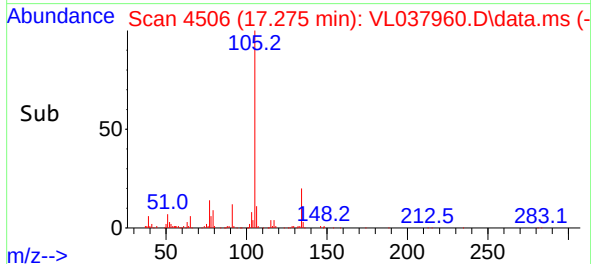
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



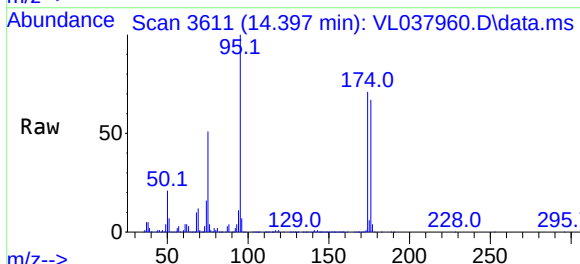
Tgt Ion: 105 Resp: 296178
 Ion Ratio Lower Upper
 105 100
 134 18.4 15.4 23.0

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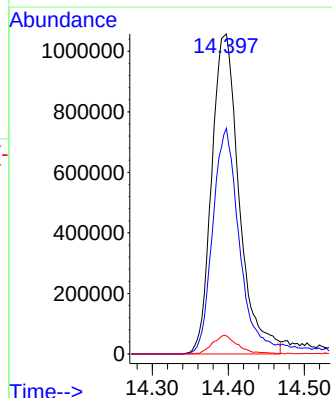
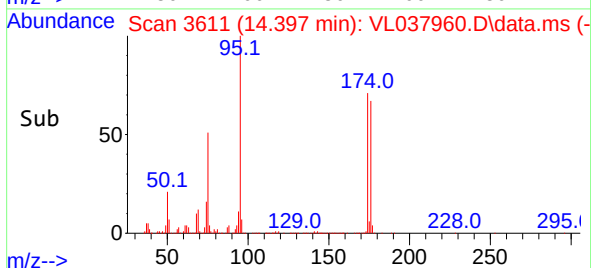
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

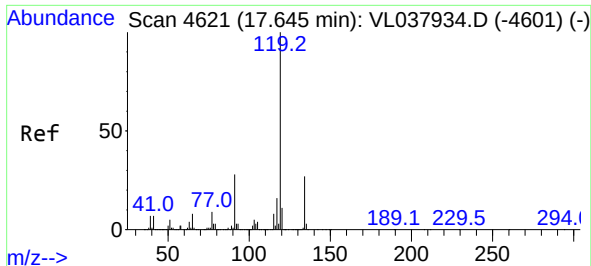


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.271 ppbv
 RT: 14.397 min Scan# 3611
 Delta R.T. -0.010 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20



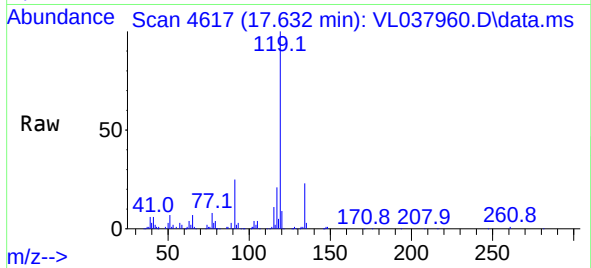
Tgt Ion: 95 Resp: 2658024
 Ion Ratio Lower Upper
 95 100
 174 70.4 58.3 87.5
 175 5.5 4.6 6.8





#69
p-Isopropyltoluene
Concen: 0.430 ppbv
RT: 17.632 min Scan# 4617
Delta R.T. -0.013 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

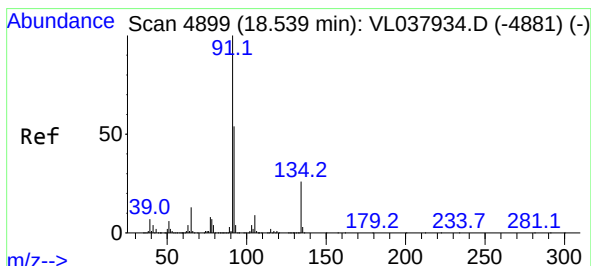
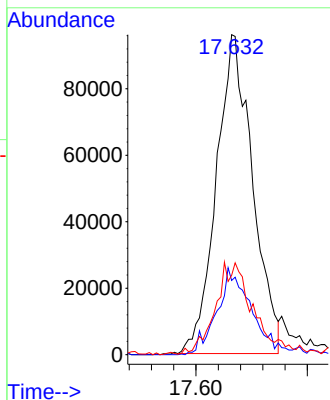
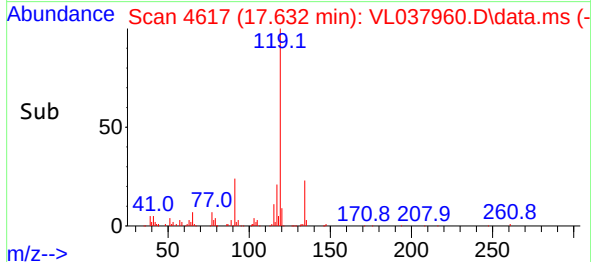
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



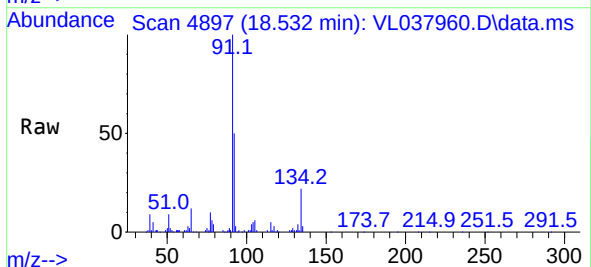
Tgt Ion: 119 Resp: 21712
Ion Ratio Lower Upper
119 100
134 27.0 21.0 31.4
91 31.7 21.8 32.8

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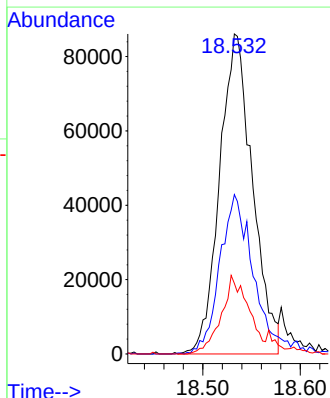
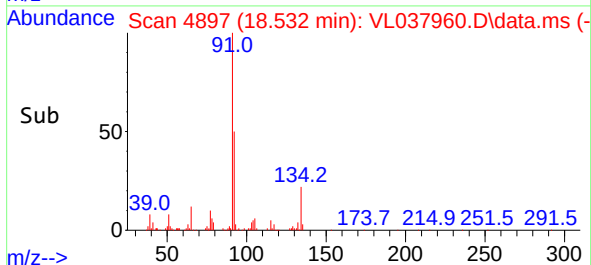
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

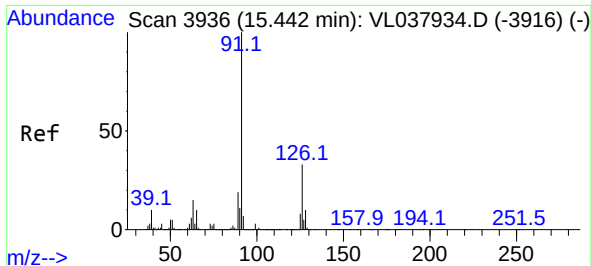


#70
n-Butylbenzene
Concen: 0.435 ppbv
RT: 18.532 min Scan# 4897
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



Tgt Ion: 91 Resp: 201873
Ion Ratio Lower Upper
91 100
92 52.4 43.6 65.4
134 23.3 19.8 29.6





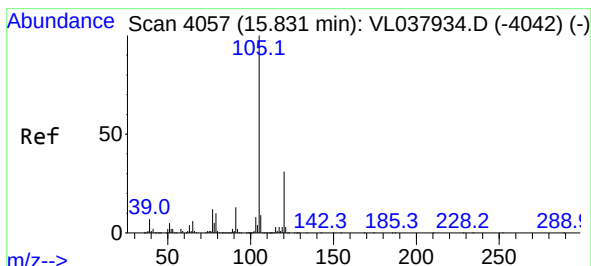
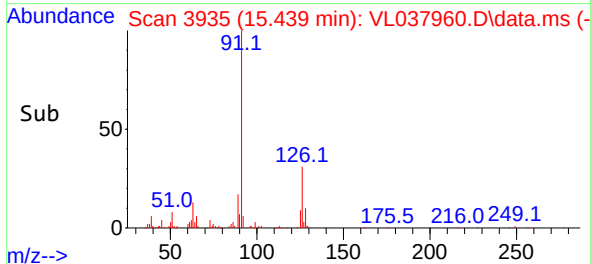
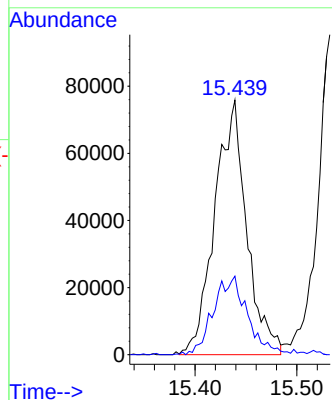
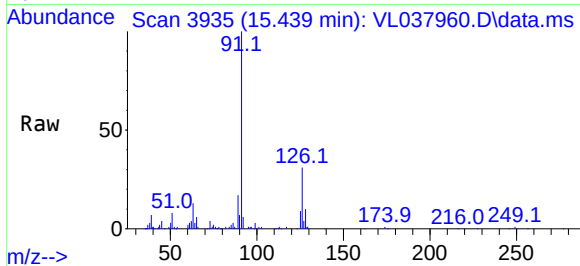
#71
2-Chlorotoluene
Concen: 0.456 ppbv m
RT: 15.439 min Scan# 3935
Delta R.T. -0.003 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

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

Tgt Ion: 91 Resp: 165190
Ion Ratio Lower Upper
91 100
126 0.0 13.3 53.3

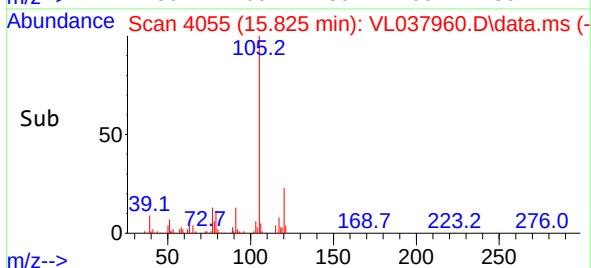
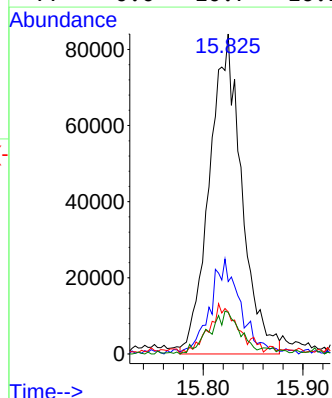
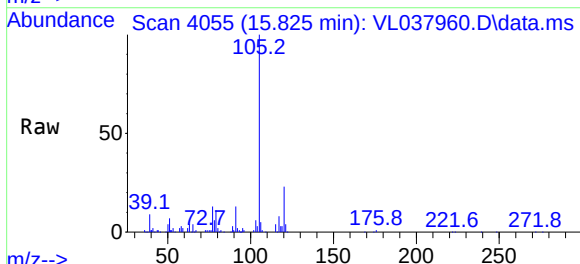
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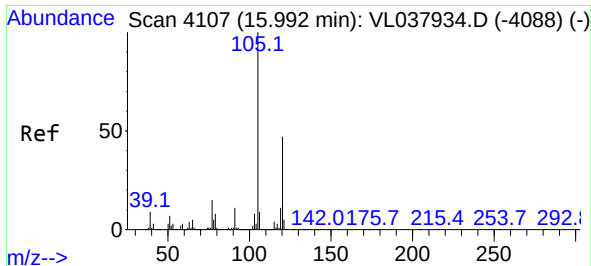
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
4-Ethyltoluene
Concen: 0.453 ppbv m
RT: 15.825 min Scan# 4055
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

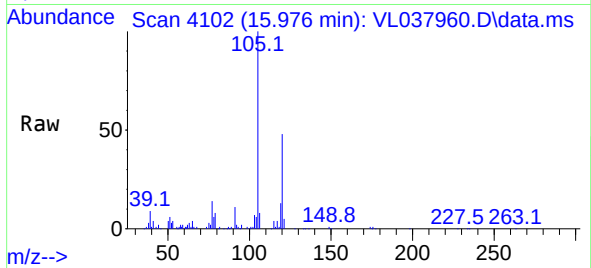
Tgt Ion:105 Resp: 189150
Ion Ratio Lower Upper
105 100
120 0.0 25.3 37.9#
91 16.3 9.9 14.9#
77 0.0 10.7 16.1#





#73
1,3,5-Trimethylbenzene
Concen: 0.421 ppbv
RT: 15.976 min Scan# 4107
Delta R.T. -0.016 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

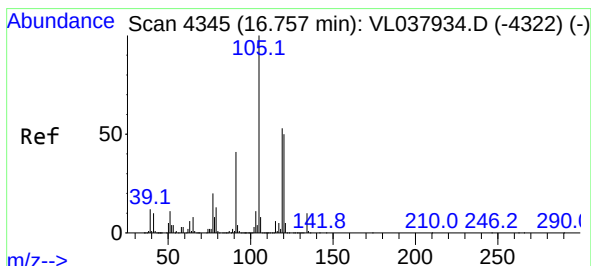
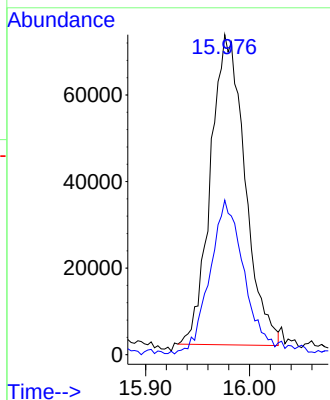
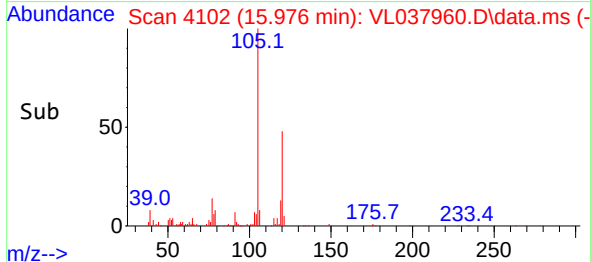
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



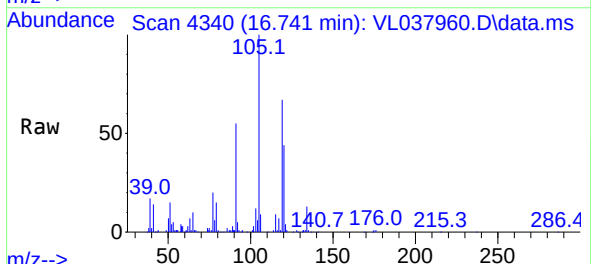
Tgt Ion:105 Resp: 16479
Ion Ratio Lower Upper
105 100
120 48.7 37.9 56.9

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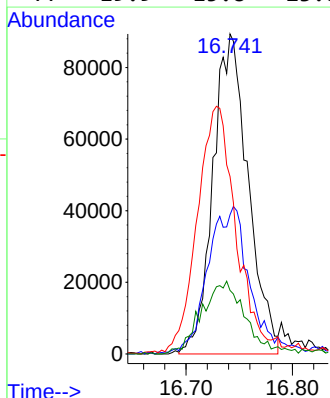
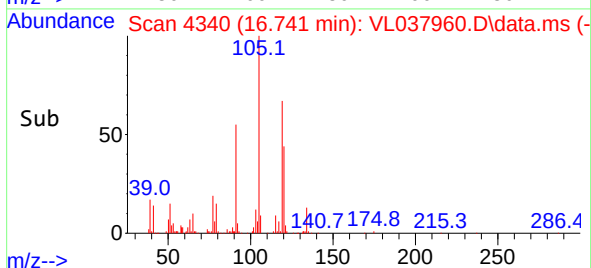
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

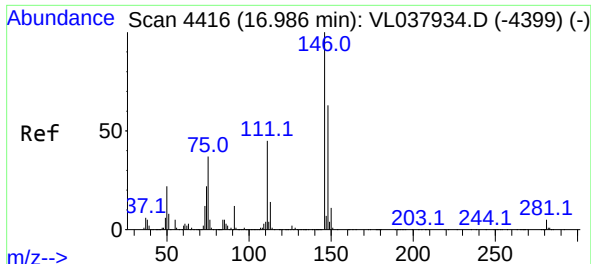


#74
1,2,4-Trimethylbenzene
Concen: 0.499 ppbv m
RT: 16.741 min Scan# 4340
Delta R.T. -0.016 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



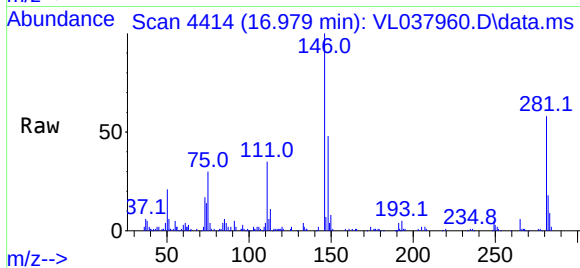
Tgt Ion:105 Resp: 204661
Ion Ratio Lower Upper
105 100
120 43.5 40.0 60.0
91 55.5 32.6 49.0#
77 19.9 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 0.541 ppbv m
RT: 16.979 min Scan# 4416
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

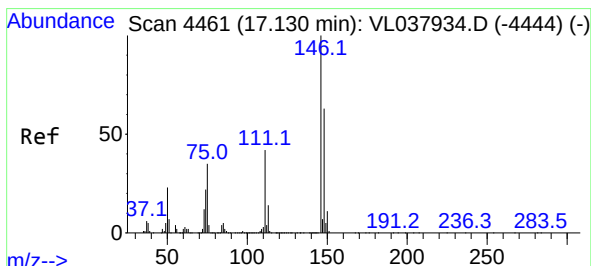
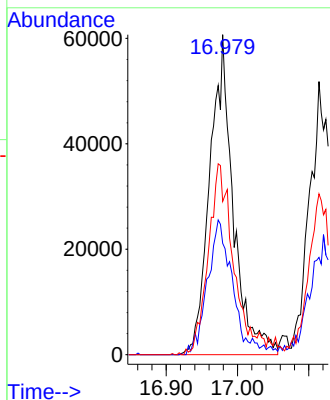
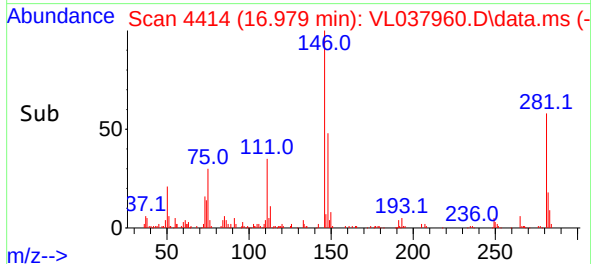
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



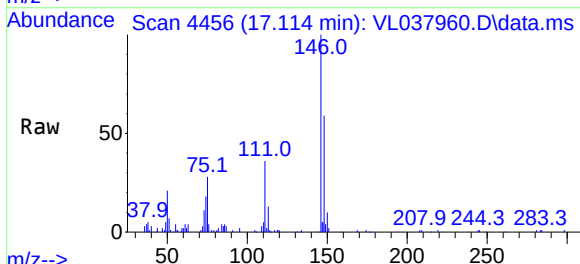
Tgt Ion:146 Resp: 138240
Ion Ratio Lower Upper
146 100
111 45.7 22.7 68.1
148 66.8 32.4 97.0

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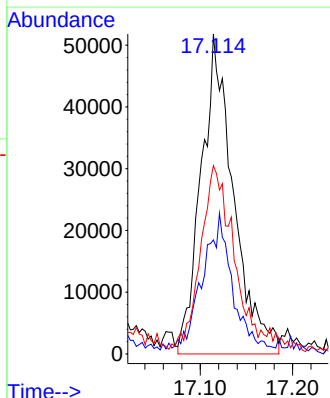
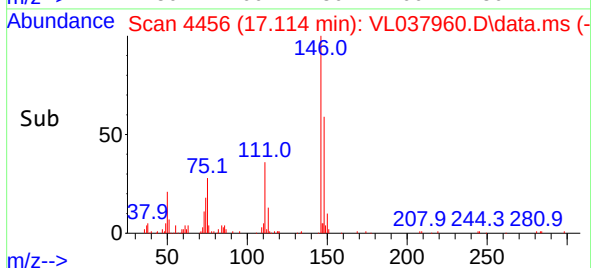
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

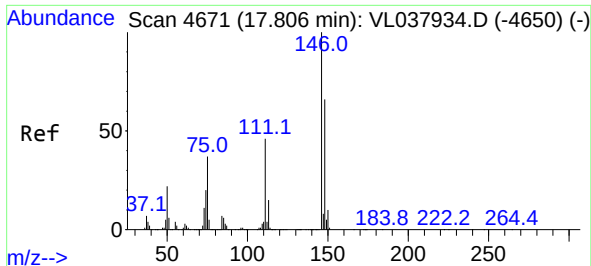


#76
1,4-Dichlorobenzene
Concen: 0.511 ppbv m
RT: 17.114 min Scan# 4456
Delta R.T. -0.016 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



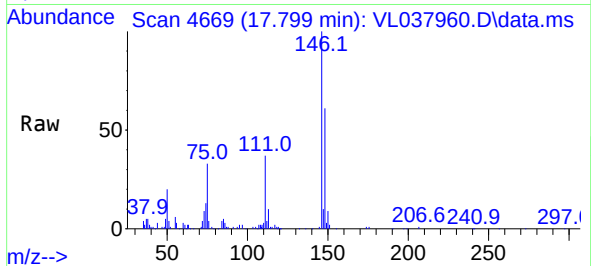
Tgt Ion:146 Resp: 126269
Ion Ratio Lower Upper
146 100
111 0.0 22.7 68.1#
148 64.9 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 0.521 ppbv m
RT: 17.799 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

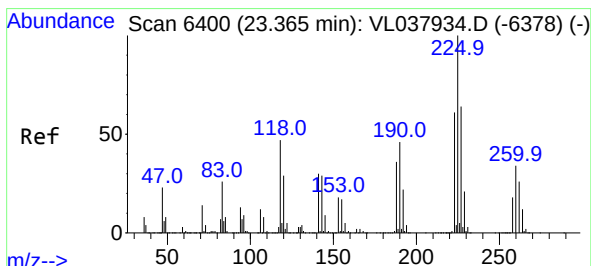
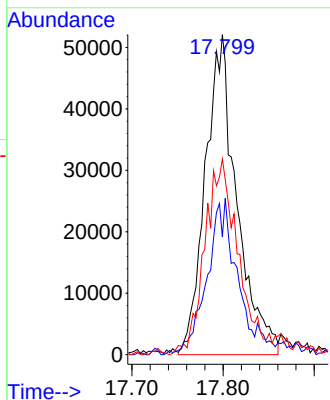
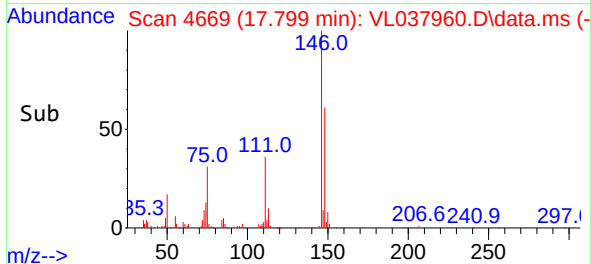
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



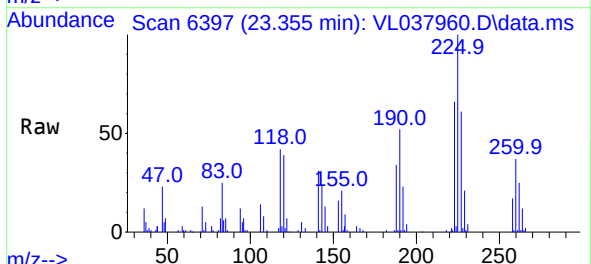
Tgt Ion:146 Resp: 124952
Ion Ratio Lower Upper
146 100
111 51.1 23.4 70.2
148 68.4 32.6 97.7

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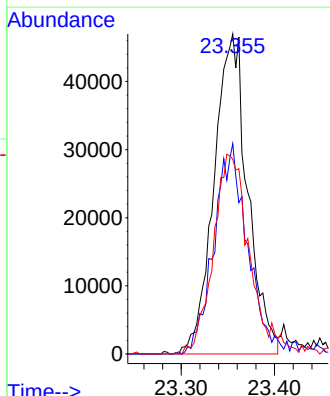
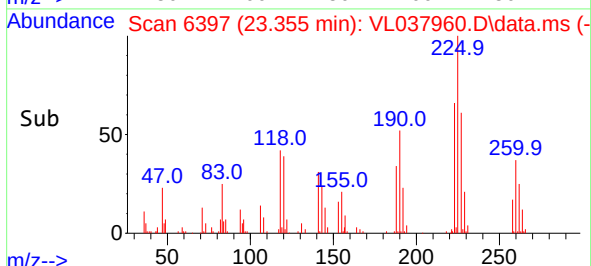
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

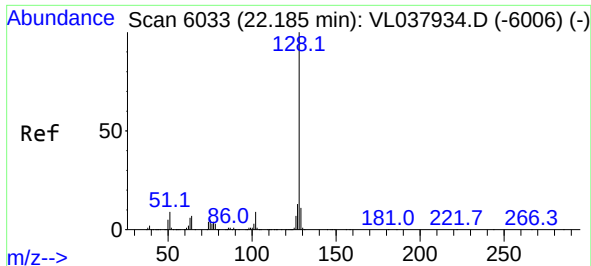


#78
Hexachloro-1,3-Butadiene
Concen: 0.574 ppbv m
RT: 23.355 min Scan# 6397
Delta R.T. -0.010 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



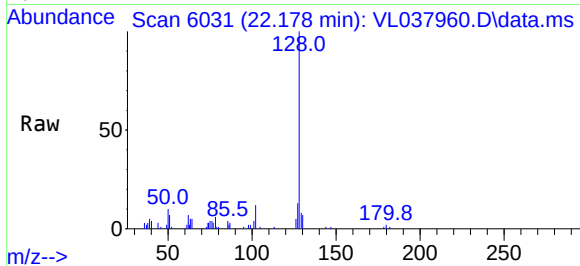
Tgt Ion:225 Resp: 117698
Ion Ratio Lower Upper
225 100
223 67.6 50.0 75.0
227 67.6 51.5 77.3





#79
Naphthalene
Concen: 0.266 ppbv m
RT: 22.178 min Scan# 6031
Delta R.T. -0.006 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20

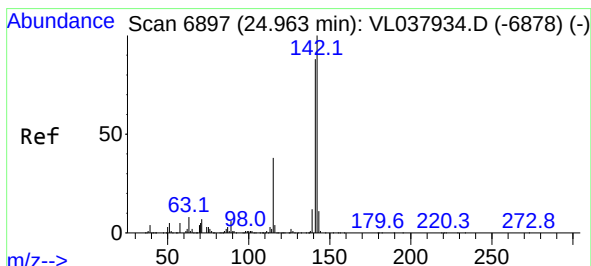
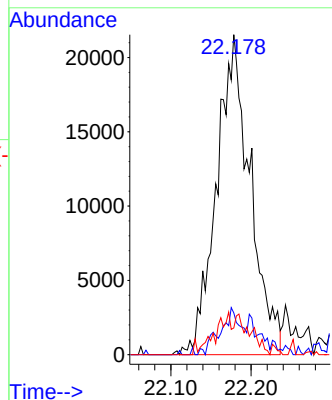
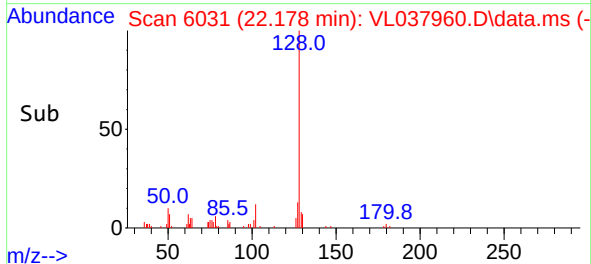
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



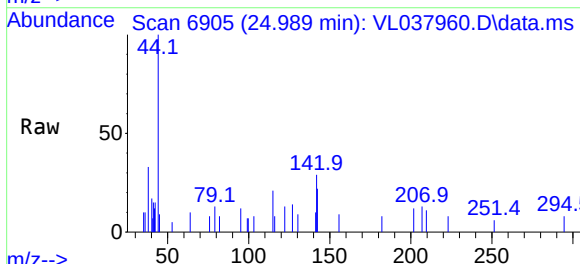
Tgt Ion:128 Resp: 62760
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 8.3 9.0 13.4

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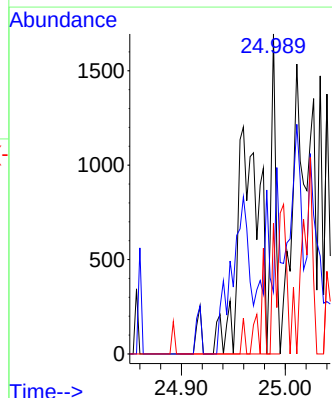
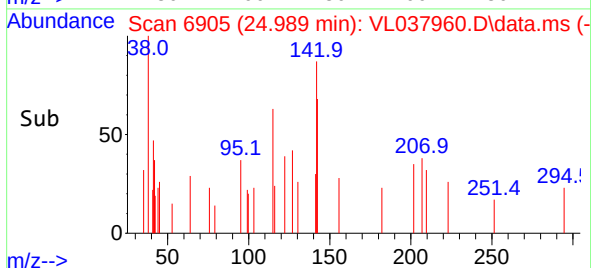
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

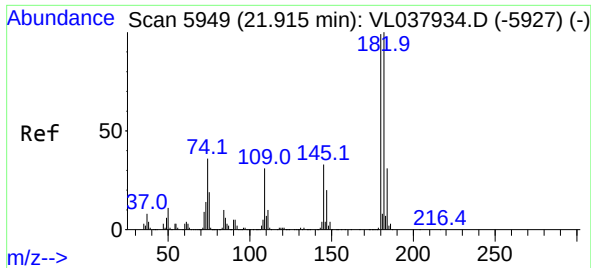


#80
Naphthalene,2-methyl-
Concen: 0.051 ppbv
RT: 24.989 min Scan# 6905
Delta R.T. 0.026 min
Lab File: VL037960.D
Acq: 2 Nov 2021 5:20



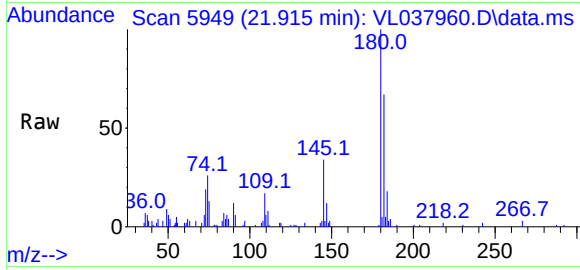
Tgt Ion:142 Resp: 2356
Ion Ratio Lower Upper
142 100
141 51.4 66.4 99.6#
115 28.4 29.0 43.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.354 ppbv m
 RT: 21.915 min Scan# 5949
 Delta R.T. 0.000 min
 Lab File: VL037960.D
 Acq: 2 Nov 2021 5:20

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



Tgt Ion:180 Resp: 5443
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.3 118.9
 184 33.0 25.3 37.9

Manual Integrations
 APPROVED

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

