

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110221\
 Data File : VL037975.D
 Acq On : 2 Nov 2021 20:13
 Operator : SY/AP
 Sample : M4068-14 0.5 PPB LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Nov 02 21:19:25 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 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	5.655	49	1391741	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	4054000	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.066	117	3506127	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.394 95 2572624 10.094 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	125531	0.640	ppbv	99
3) Chlorodifluoromethane	2.986	51	149277	0.576	ppbv	99
4) Chloromethane	3.140	50	50915	0.517	ppbv	98
5) Vinyl Chloride	3.253	62	49284	0.519	ppbv #	85
6) Bromomethane	3.468	94	26476	0.516	ppbv	93
7) Chloroethane	3.552	64	18471m	0.539	ppbv	
8) Dichlorotetrafluoroethane	3.186	85	128676	0.570	ppbv	100
9) Propene	3.009	41	50545	0.544	ppbv	97
10) Heptane	8.108	43	99899	0.462	ppbv	92
11) Trichlorofluoromethane	3.944	101	110439	0.566	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.478	101	81040	0.532	ppbv	91
13) Ethanol	3.620	45	5112	0.545	ppbv #	38
14) Bromoethene	3.739	108	37604m	0.565	ppbv	
15) Acetone	3.861	43	70001m	0.609	ppbv	
16) 1,3-Butadiene	3.324	39	52597	0.580	ppbv	93
17) tert-Butyl alcohol	4.314	59	73137m	0.612	ppbv	
18) 1,1-Dichloroethene	4.282	96	33923	0.484	ppbv	91
19) Isopropyl Alcohol	3.986	45	40843m	0.555	ppbv	
20) Methylene Chloride	4.337	84	39248m	0.622	ppbv	
21) Allyl Chloride	4.404	41	61861m	0.583	ppbv	
22) trans-1,2-Dichloroethene	4.877	96	32991	0.474	ppbv #	84
23) Vinyl Acetate	5.076	43	78640m	0.454	ppbv	
24) 1,1-Dichloroethane	4.999	63	81403	0.569	ppbv	98
25) Ethyl Acetate	5.681	43	168268	0.493	ppbv #	94
26) Hexane	5.674	57	74210	0.459	ppbv #	77
27) Carbon Disulfide	4.546	76	79973m	0.501	ppbv	
28) Methyl tert-Butyl Ether	5.041	73	73939m	0.543	ppbv	
29) Chloroform	5.735	83	130478	0.541	ppbv	93
30) Cyclohexane	7.118	84	61918	0.448	ppbv	85
31) cis-1,2-Dichloroethene	5.536	61	74481m	0.504	ppbv	
32) 1,1,1-Trichloroethane	6.497	97	116034	0.489	ppbv	99
34) 2-Butanone	5.253	43	85769m	0.571	ppbv	
35) Carbon Tetrachloride	7.002	117	111093	0.453	ppbv	97
36) Benzene	6.873	78	177547	0.538	ppbv #	95
37) 1,2-Dichloroethane	6.291	62	85920m	0.547	ppbv	
38) Trichloroethene	7.819	130	66796	0.487	ppbv	87
39) 1,2-Dichloropropane	7.597	63	69958m	0.563	ppbv	
40) 1,4-Dioxane	7.851	88	17074m	0.522	ppbv	
41) Tetrahydrofuran	6.073	42	37318m	0.508	ppbv	
42) Bromodichloromethane	7.780	83	113903	0.480	ppbv	91
43) Methyl Methacrylate	8.008	69	50594m	0.467	ppbv	
44) 2,2,4-Trimethylpentane	7.854	57	291272	0.519	ppbv	96
45) t-1,3-Dichloropropene	9.259	75	31611m	0.397	ppbv	

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Instrument :
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 LOQ-AIR-02-QT4-2021

Quant Time: Nov 02 21:19:25 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 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

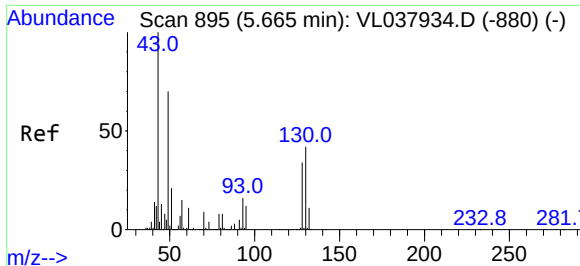
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	47458m	0.434	ppbv	
47) 1,1,2-Trichloroethane	9.455	97	76254m	0.546	ppbv	
48) Dibromochloromethane	10.291	129	90175m	0.456	ppbv	
49) Bromoform	13.024	173	70501m	0.451	ppbv	
50) 4-Methyl-2-Pentanone	8.754	43	85303m	0.432	ppbv	
51) 2-Hexanone	10.156	43	34581m	0.416	ppbv	
52) Tetrachloroethene	11.204	164	61856m	0.494	ppbv	
53) Toluene	9.787	91	157885	0.446	ppbv	98
54) 1,2-Dibromoethane	10.590	107	88013	0.489	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.102	131	81798m	0.578	ppbv	
57) Chlorobenzene	12.127	112	153785	0.550	ppbv	96
58) Ethyl Benzene	12.690	91	198563	0.463	ppbv	97
59) m/p-Xylene	12.970	91	380199m	0.998	ppbv	
60) o-Xylene	13.671	91	174704	0.486	ppbv	99
61) Styrene	13.507	104	66876m	0.405	ppbv	
62) Isopropylbenzene	14.645	105	267881	0.527	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.655	83	157102	0.508	ppbv	95
64) n-propylbenzene	15.535	120	65083m	0.499	ppbv	
65) tert-Butylbenzene	16.725	119	223987	0.498	ppbv	92
66) Benzyl Chloride	16.973	91	12660m	0.539	ppbv	
67) sec-Butylbenzene	17.275	105	304971	0.492	ppbv	99
69) p-Isopropyltoluene	17.635	119	230192	0.463	ppbv	96
70) n-Butylbenzene	18.535	91	216773	0.475	ppbv	98
71) 2-Chlorotoluene	15.429	91	173159	0.486	ppbv	100
72) 4-Ethyltoluene	15.815	105	193997m	0.471	ppbv	
73) 1,3,5-Trimethylbenzene	15.979	105	176647	0.458	ppbv	97
74) 1,2,4-Trimethylbenzene	16.738	105	199651	0.494	ppbv #	88
75) 1,3-Dichlorobenzene	16.976	146	137395m	0.546	ppbv	
76) 1,4-Dichlorobenzene	17.117	146	121437m	0.499	ppbv	
77) 1,2-Dichlorobenzene	17.789	146	132465m	0.561	ppbv	
78) Hexachloro-1,3-Butadiene	23.352	225	120242	0.595	ppbv	95
79) Naphthalene	22.178	128	82994m	0.357	ppbv	
80) Naphthalene,2-methyl-	24.972	142	9352m	0.206	ppbv	
81) 1,2,4-Trichlorobenzene	21.905	180	65790m	0.434	ppbv	

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

Manual Integrations APPROVED

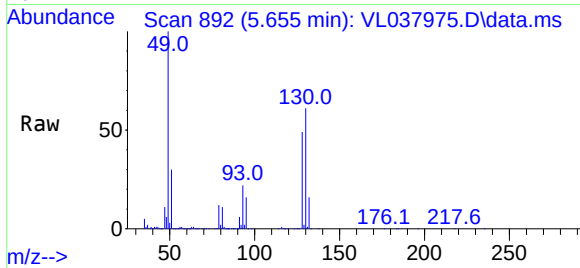
Quant Time: Nov 02 21:19:25 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 895
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

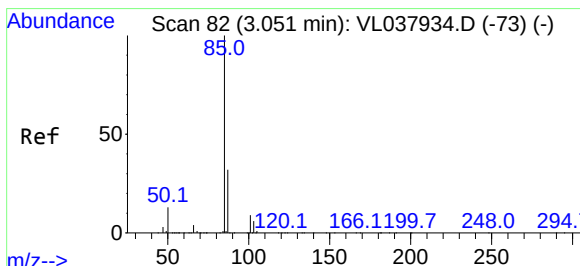
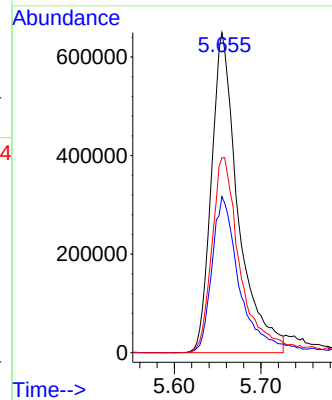
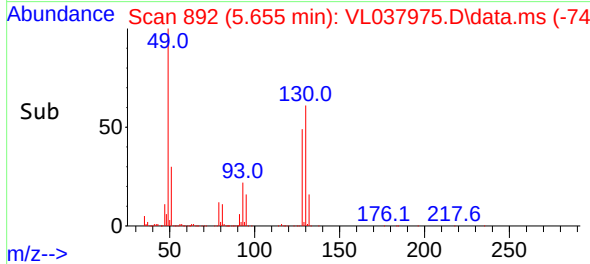
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 49 Resp: 139174
Ion Ratio Lower Upper
49 100
128 51.5 27.0 81.0
130 67.8 33.4 100.2

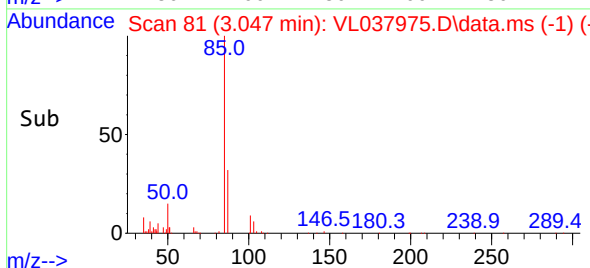
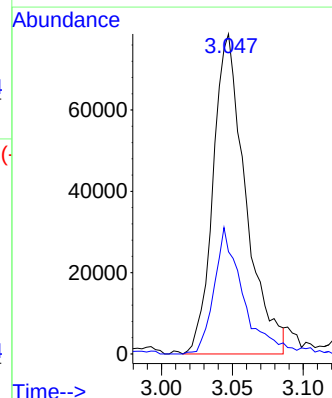
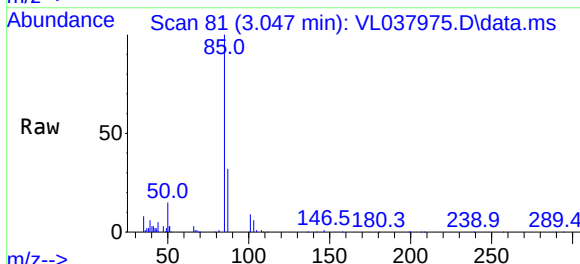
Manual Integrations
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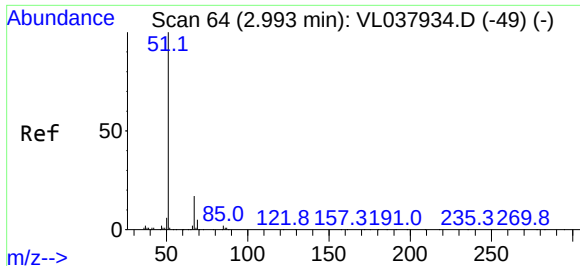
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#2
Dichlorodifluoromethane
Concen: 0.640 ppbv
RT: 3.047 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

Tgt Ion: 85 Resp: 125531
Ion Ratio Lower Upper
85 100
87 32.0 25.3 37.9





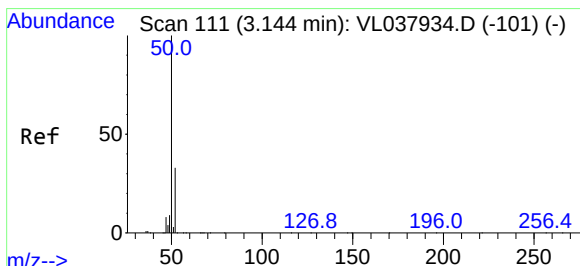
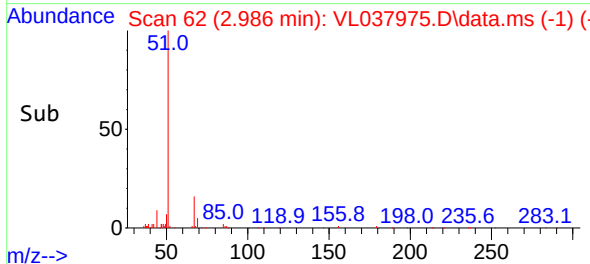
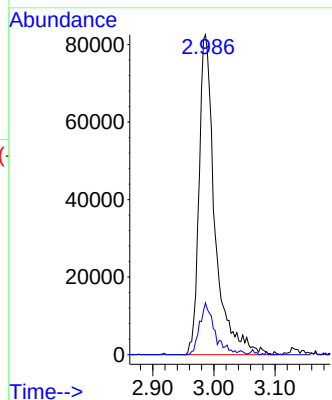
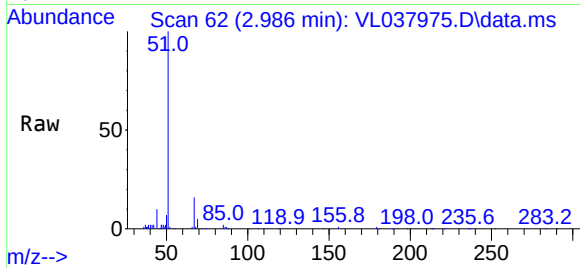
#3
Chlorodifluoromethane
Concen: 0.576 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

Tgt Ion: 51 Resp: 14927
Ion Ratio Lower Upper
51 100
67 16.3 13.4 20.0

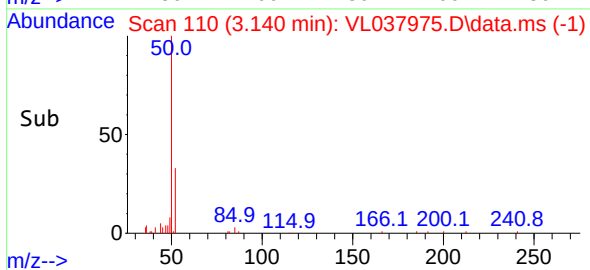
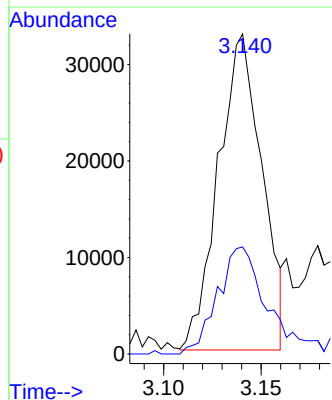
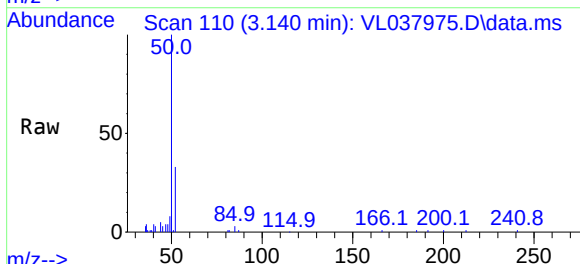
Manual Integrations
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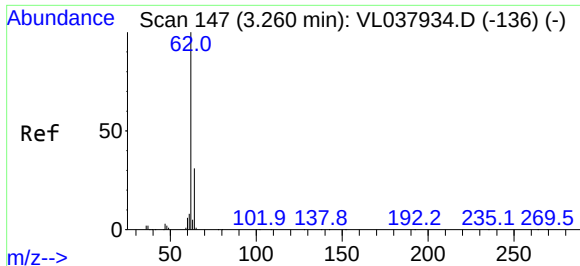
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#4
Chloromethane
Concen: 0.517 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

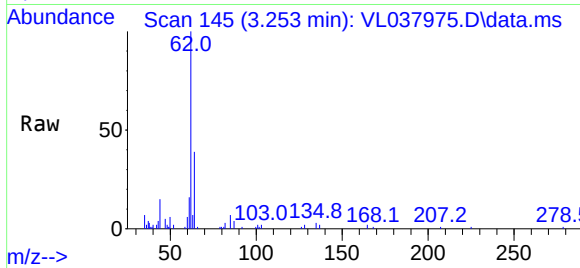
Tgt Ion: 50 Resp: 50915
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5





#5
 Vinyl Chloride
 Concen: 0.519 ppbv
 RT: 3.253 min Scan# 147
 Delta R.T. -0.007 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

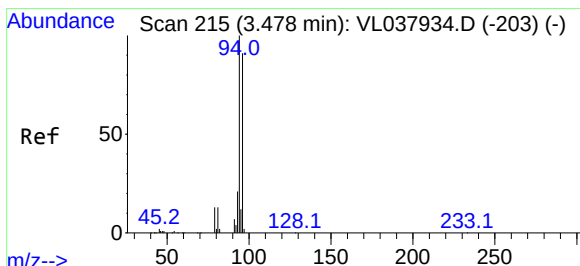
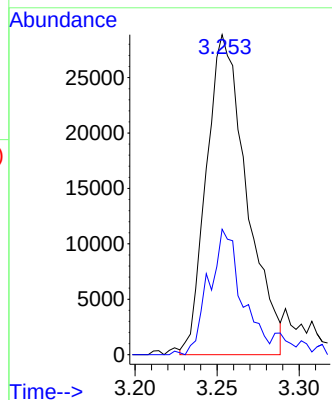
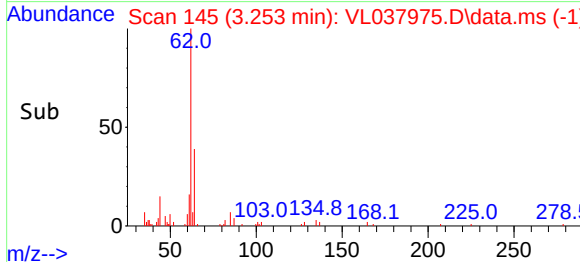
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



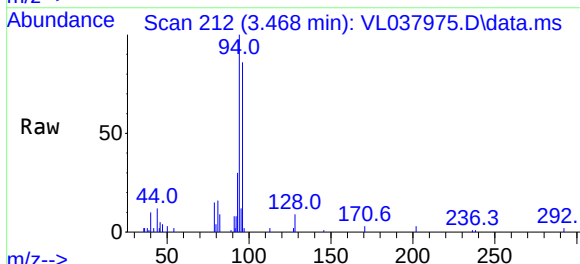
Tgt Ion: 62 Resp: 49284
 Ion Ratio Lower Upper
 62 100
 64 39.2 24.7 37.1

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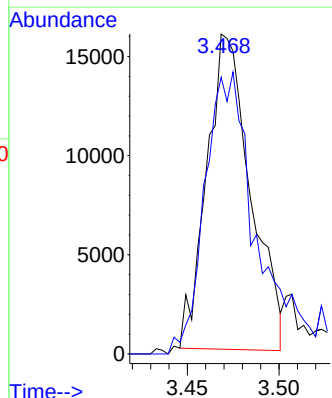
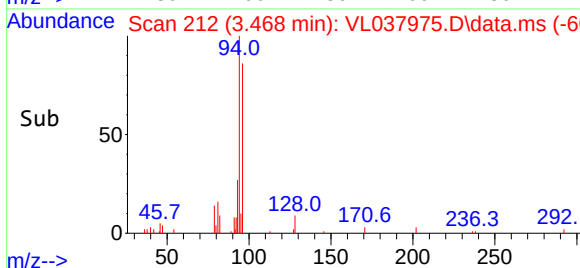
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

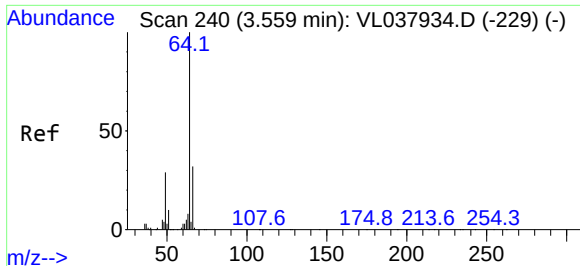


#6
 Bromomethane
 Concen: 0.516 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. -0.010 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13



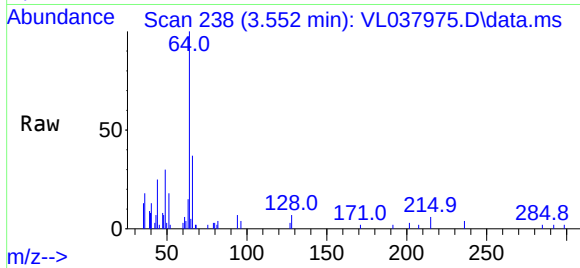
Tgt Ion: 94 Resp: 26476
 Ion Ratio Lower Upper
 94 100
 96 84.3 73.0 109.4





#7
Chloroethane
Concen: 0.539 ppbv m
RT: 3.552 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

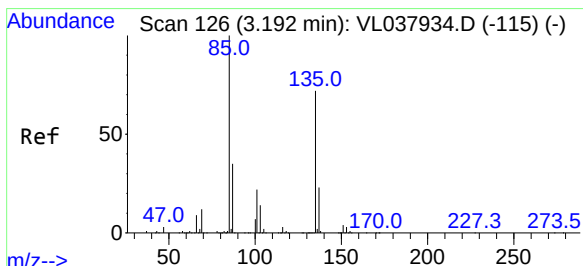
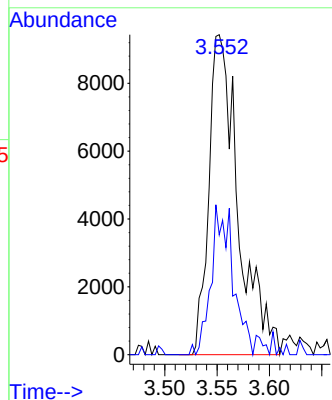
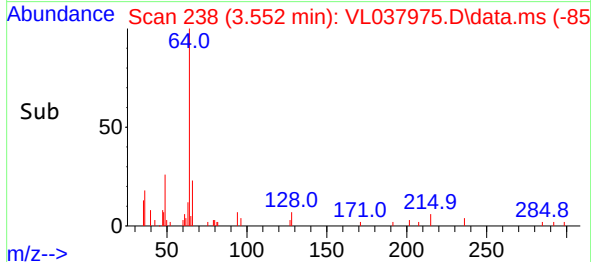
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 64 Resp: 1847
Ion Ratio Lower Upper
64 100
66 37.4 25.5 38.3

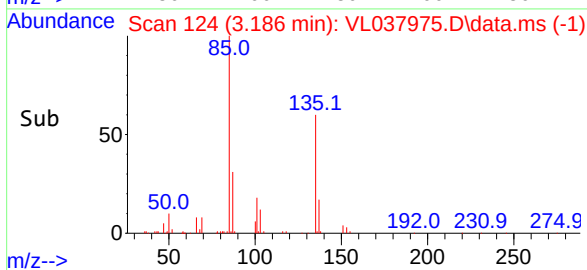
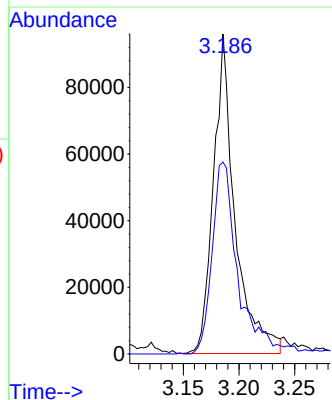
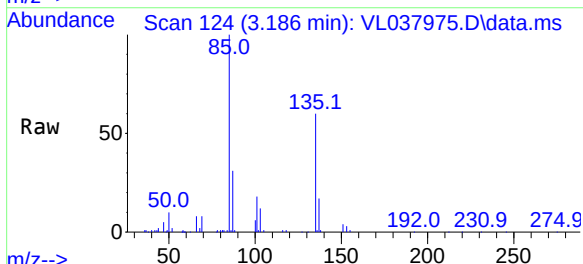
Manual Integrations
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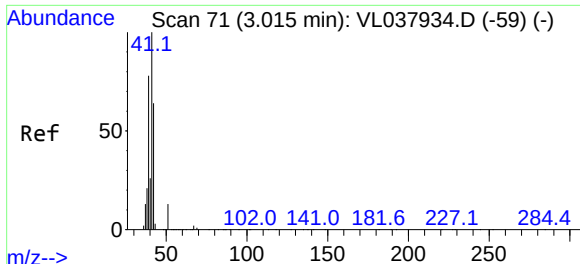
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#8
Dichlorotetrafluoroethane
Concen: 0.570 ppbv
RT: 3.186 min Scan# 124
Delta R.T. -0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

Tgt Ion: 85 Resp: 128676
Ion Ratio Lower Upper
85 100
135 73.2 58.8 88.2





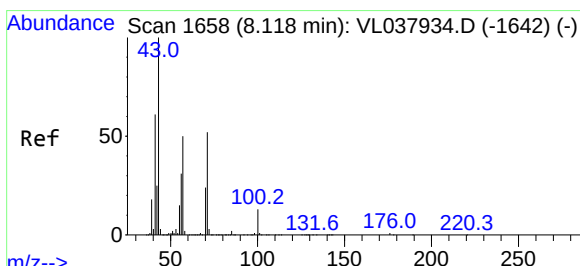
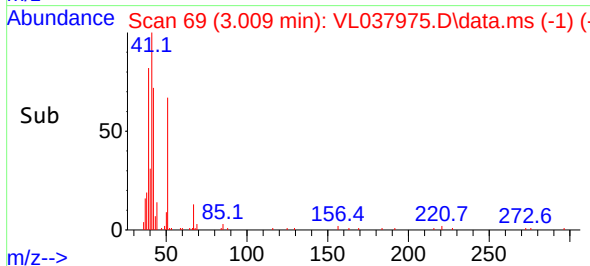
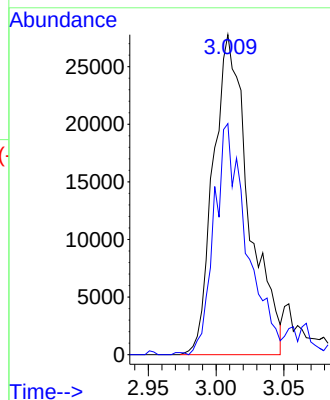
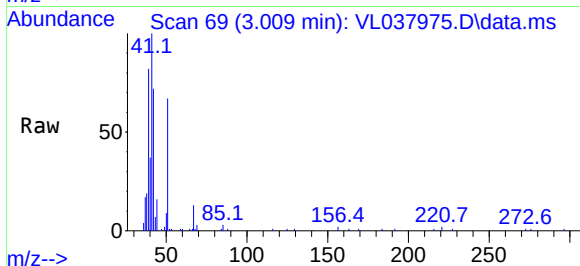
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 Propene
 Concen: 0.544 ppbv
 RT: 3.009 min Scan# 61
 Delta R.T. -0.007 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

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

Tgt Ion: 41 Resp: 50549
 Ion Ratio Lower Upper
 41 100
 42 74.5 57.6 86.4

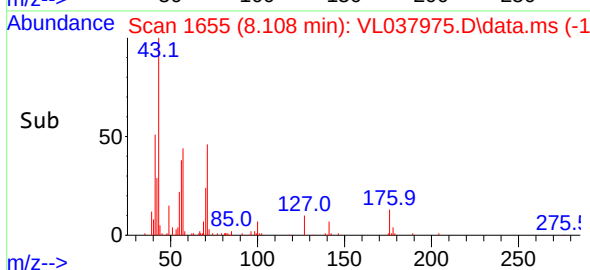
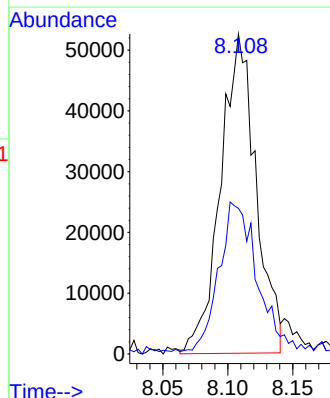
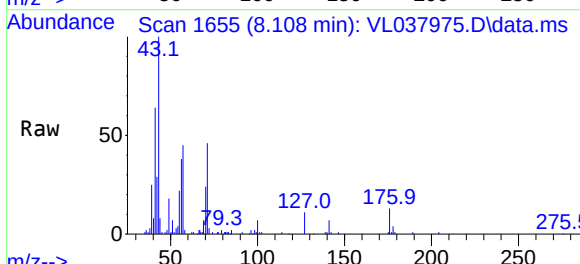
Manual Integrations
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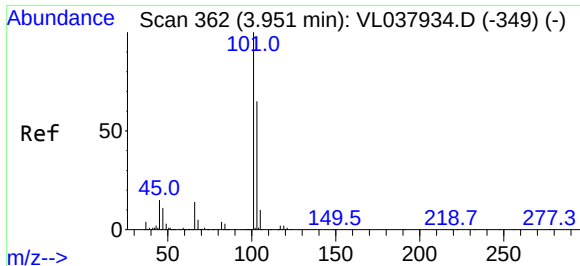
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#10
 Heptane
 Concen: 0.462 ppbv
 RT: 8.108 min Scan# 1655
 Delta R.T. -0.010 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

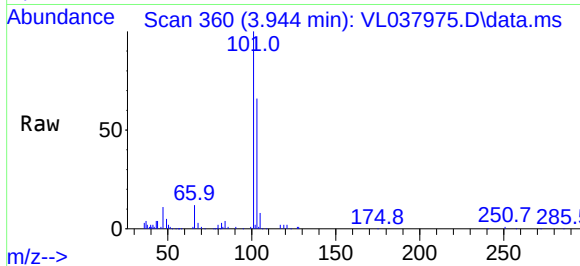
Tgt Ion: 43 Resp: 99899
 Ion Ratio Lower Upper
 43 100
 57 55.1 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.566 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

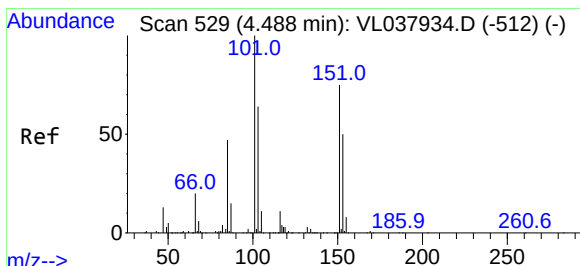
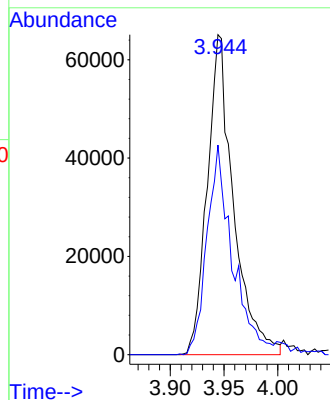
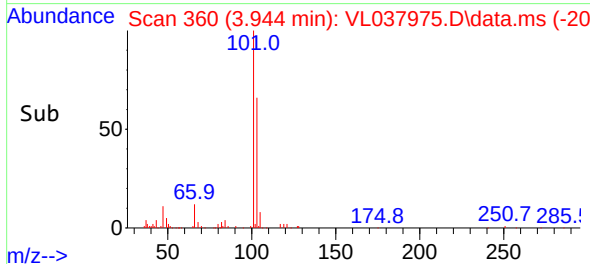
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



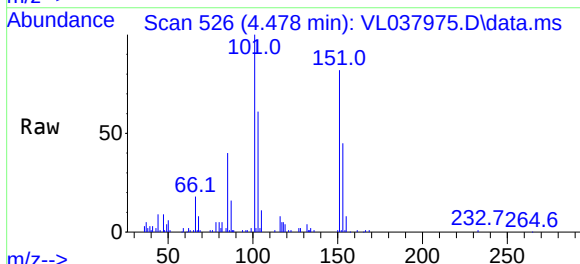
Tgt Ion:101 Resp: 110439
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

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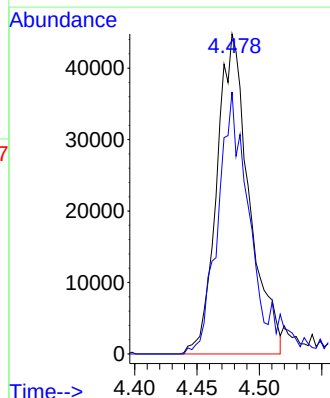
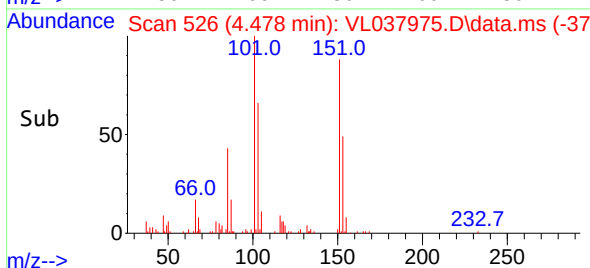
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

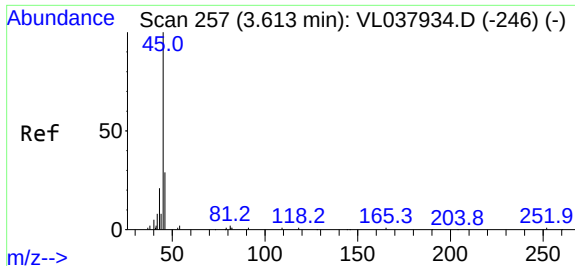


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.532 ppbv
RT: 4.478 min Scan# 526
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



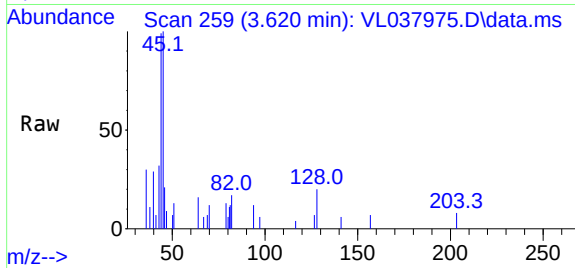
Tgt Ion:101 Resp: 81040
Ion Ratio Lower Upper
101 100
151 85.3 61.8 92.8





#13
Ethanol
Concen: 0.545 ppbv
RT: 3.620 min Scan# 211
Delta R.T. 0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

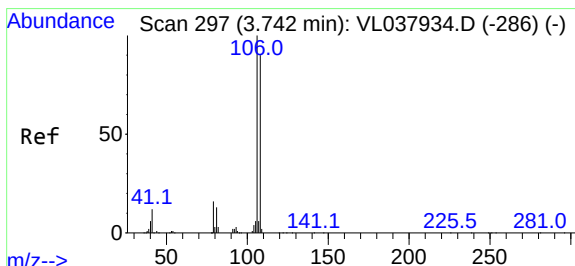
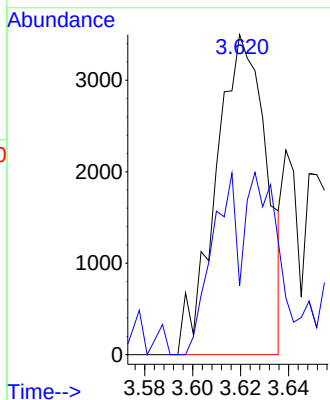
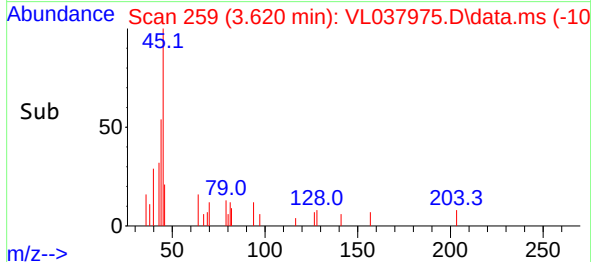
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 45 Resp: 511
Ion Ratio Lower Upper
45 100
46 83.5 17.4 69.8

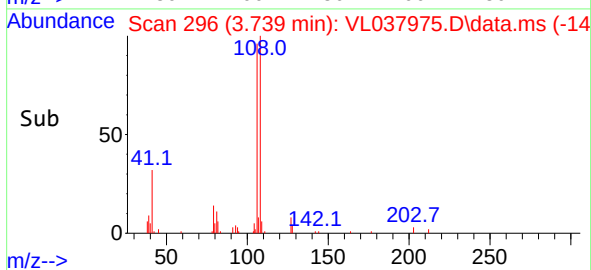
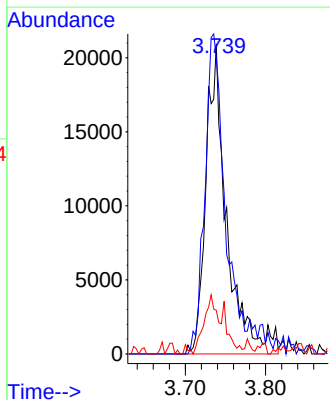
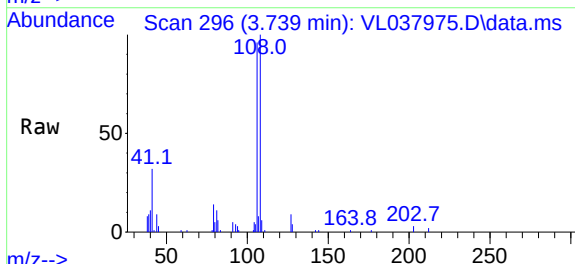
Manual Integrations
APPROVED

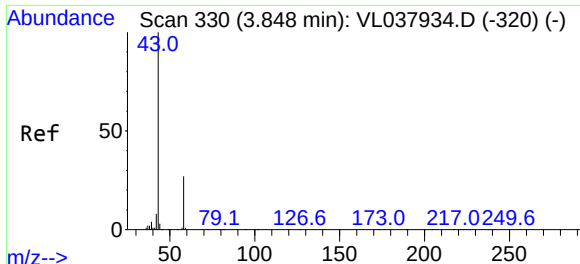
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#14
Bromoethene
Concen: 0.565 ppbv m
RT: 3.739 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

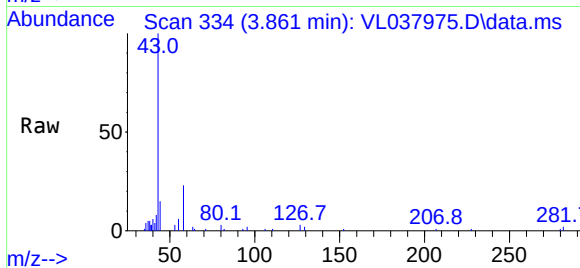
Tgt Ion:108 Resp: 37604
Ion Ratio Lower Upper
108 100
106 108.3 88.4 132.6
79 20.6 12.4 18.6





#15
Acetone
Concen: 0.609 ppbv m
RT: 3.861 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

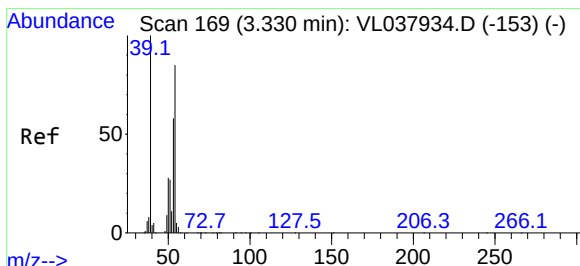
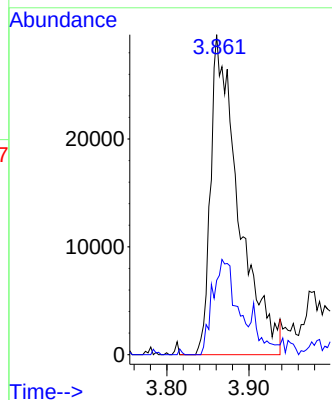
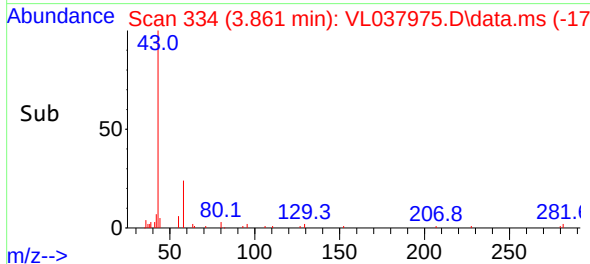
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 43 Resp: 7000
Ion Ratio Lower Upper
43 100
58 0.0 23.3 34.9

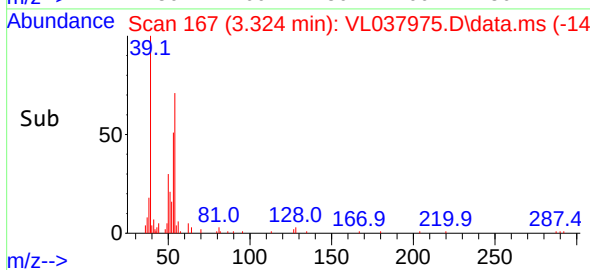
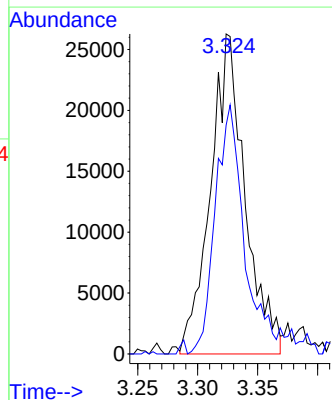
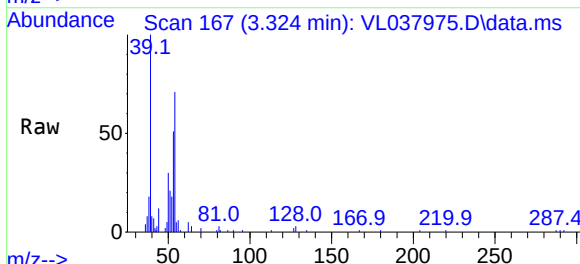
Manual Integrations
APPROVED

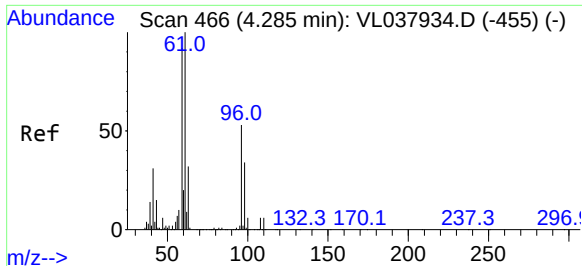
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#16
1,3-Butadiene
Concen: 0.580 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

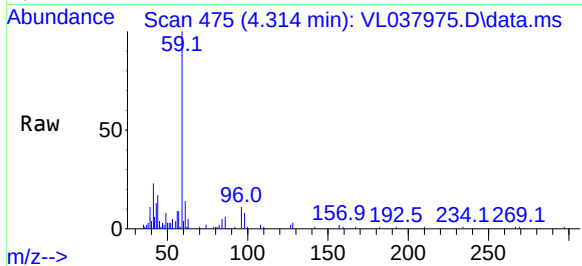
Tgt Ion: 39 Resp: 52597
Ion Ratio Lower Upper
39 100
54 72.0 62.6 93.8





#17
tert-Butyl alcohol
Concen: 0.612 ppbv
RT: 4.314 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

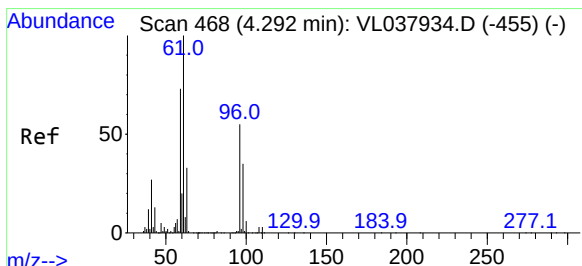
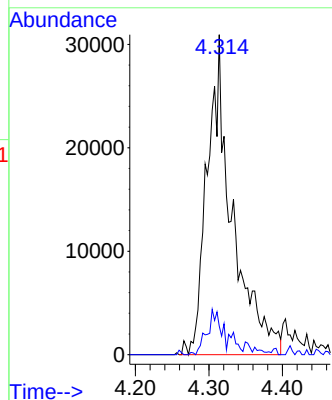
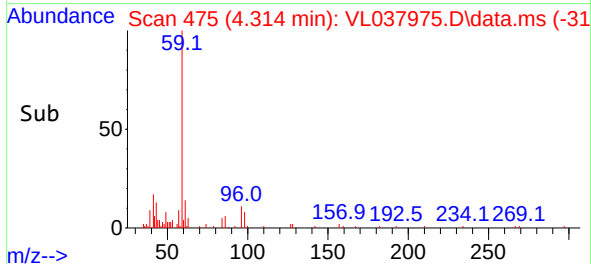
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



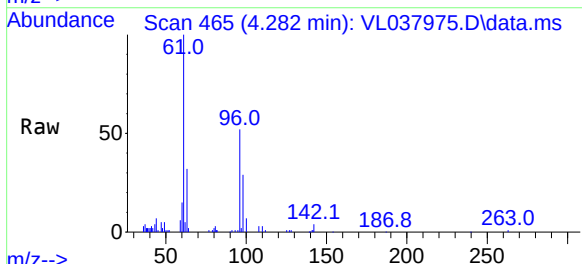
Tgt Ion: 59 Resp: 7313
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

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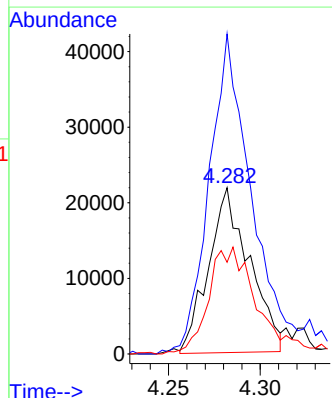
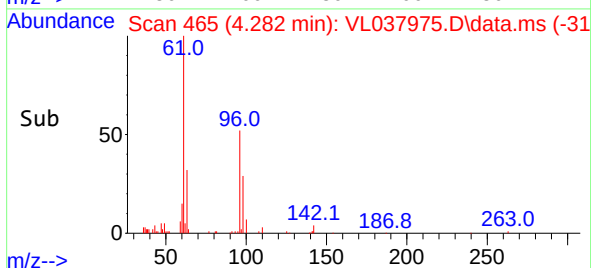
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

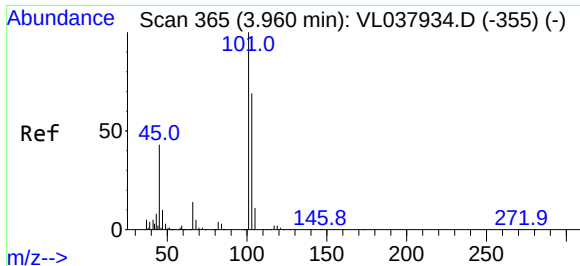


#18
1,1-Dichloroethene
Concen: 0.484 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



Tgt Ion: 96 Resp: 33923
Ion Ratio Lower Upper
96 100
61 190.9 144.3 216.5
98 53.8 50.5 75.7





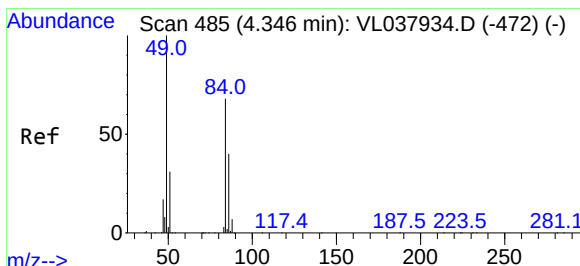
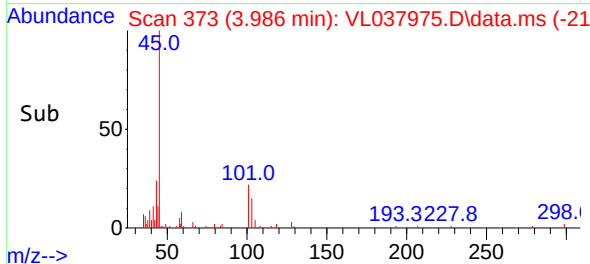
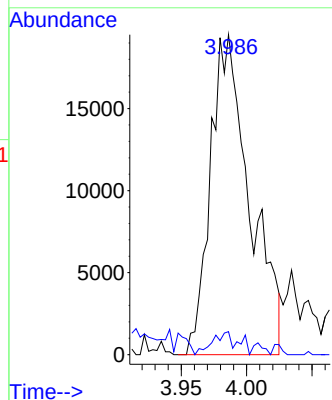
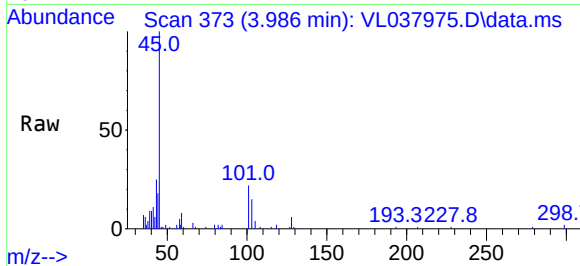
#19
Isopropyl Alcohol
Concen: 0.555 ppbv m
RT: 3.986 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

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

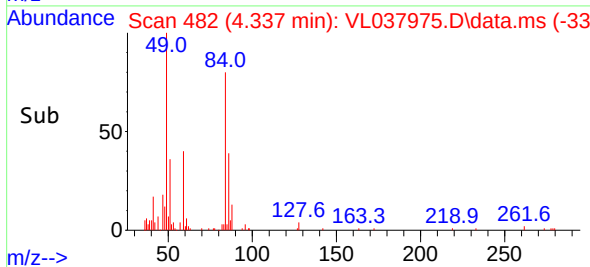
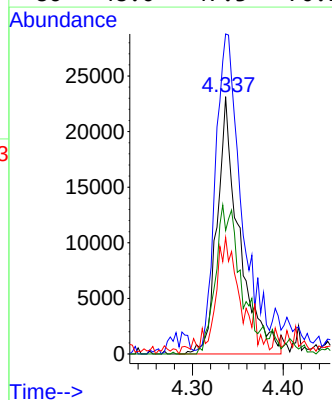
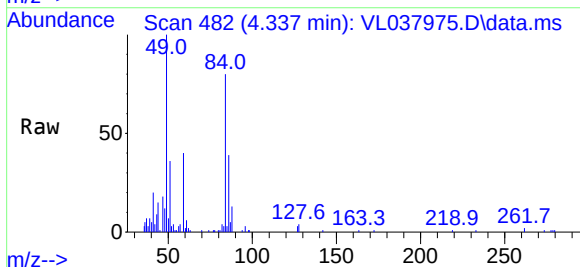
Manual Integrations
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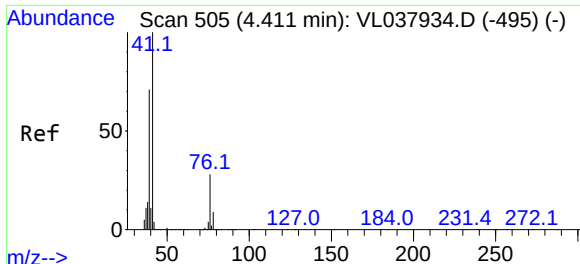
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#20
Methylene Chloride
Concen: 0.622 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

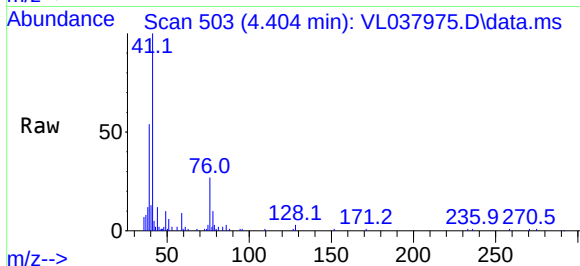
Tgt Ion: 84 Resp: 39248
Ion Ratio Lower Upper
84 100
49 124.4 117.5 176.3
51 45.3 35.9 53.9
86 48.0 47.3 70.9





#21
 Allyl Chloride
 Concen: 0.583 ppbv m
 RT: 4.404 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

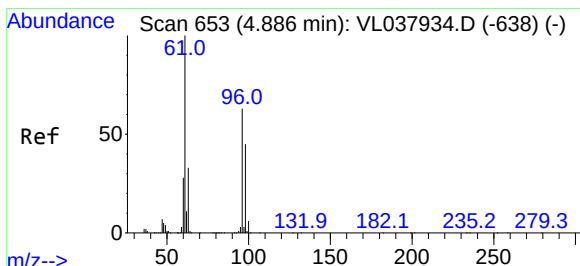
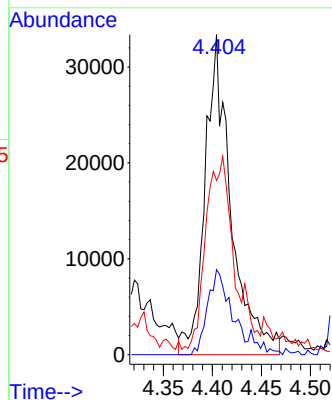
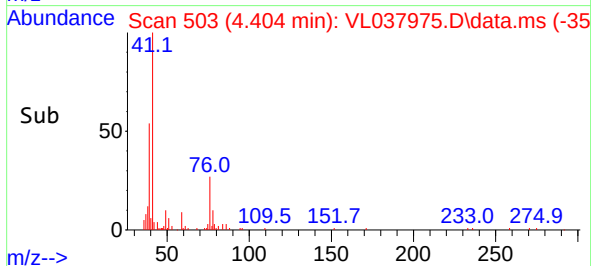
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



Tgt Ion: 41 Resp: 6186
 Ion Ratio Lower Upper
 41 100
 76 27.2 23.6 35.4
 39 0.0 59.7 89.5

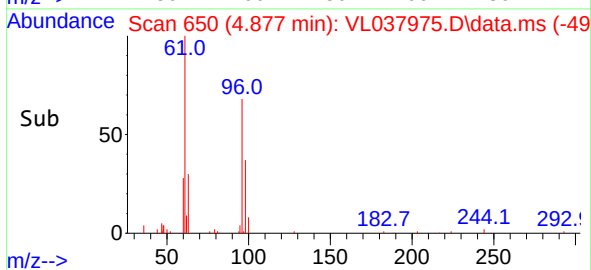
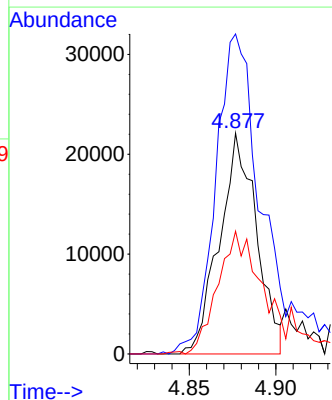
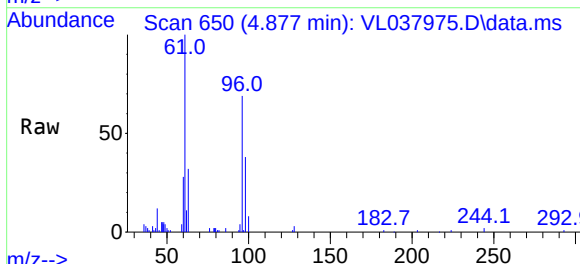
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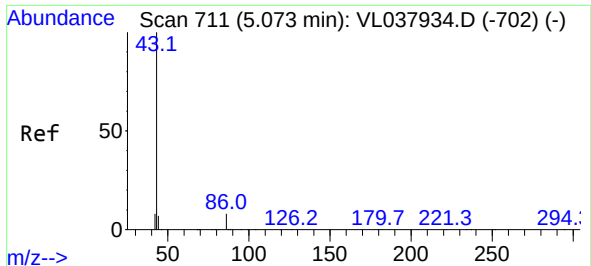
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.474 ppbv
 RT: 4.877 min Scan# 650
 Delta R.T. -0.010 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

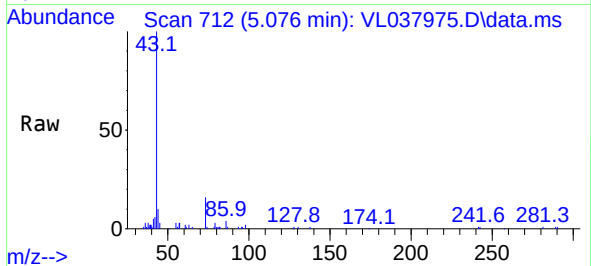
Tgt Ion: 96 Resp: 32991
 Ion Ratio Lower Upper
 96 100
 61 140.3 127.8 191.6
 98 54.5 56.9 85.3





#23
 Vinyl Acetate
 Concen: 0.454 ppbv m
 RT: 5.076 min Scan# 711
 Delta R.T. 0.003 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

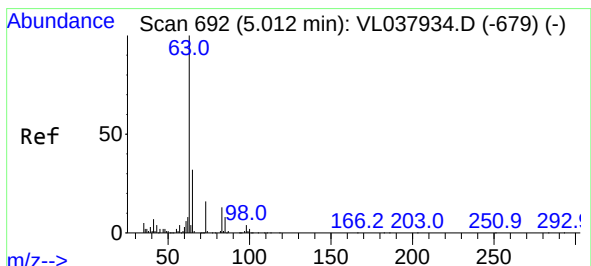
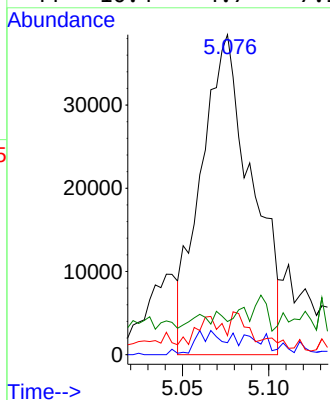
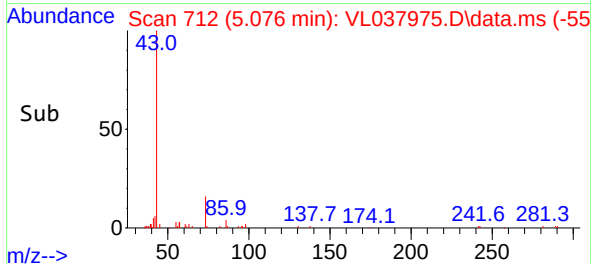
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



Tgt Ion: 43 Resp: 78640
 Ion Ratio Lower Upper
 43 100
 86 3.7 5.5 8.3
 42 5.9 7.4 11.2
 44 10.4 4.7 7.1

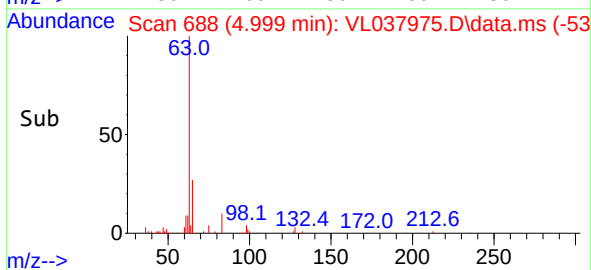
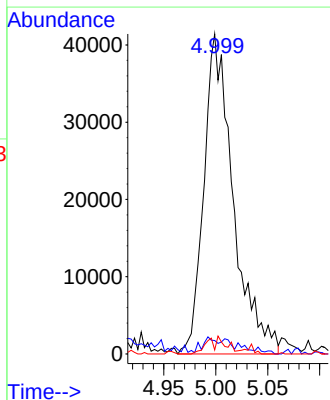
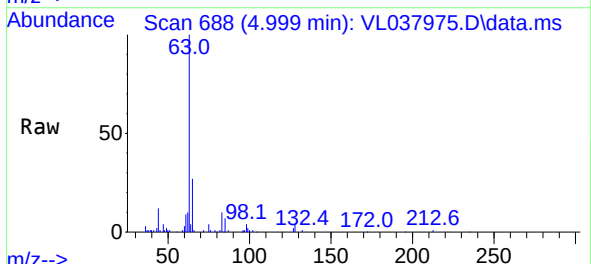
Manual Integrations
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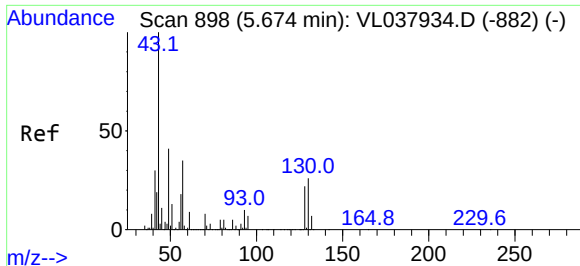
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021



#24
 1,1-Dichloroethane
 Concen: 0.569 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. -0.013 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

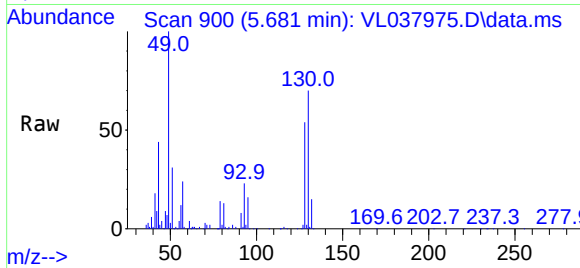
Tgt Ion: 63 Resp: 81403
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.9
 100 1.3 1.2 3.6





#25
Ethyl Acetate
Concen: 0.493 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

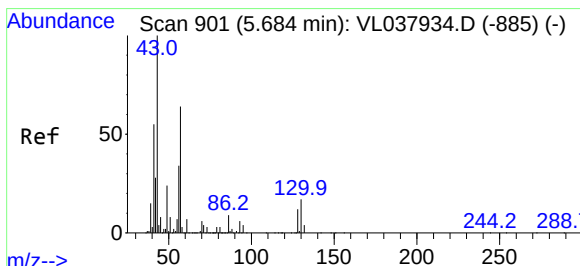
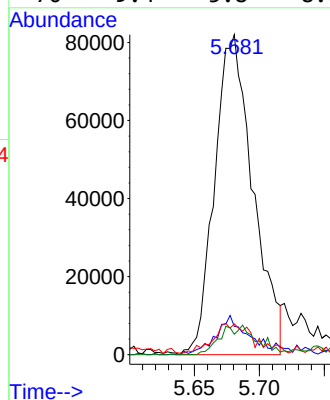
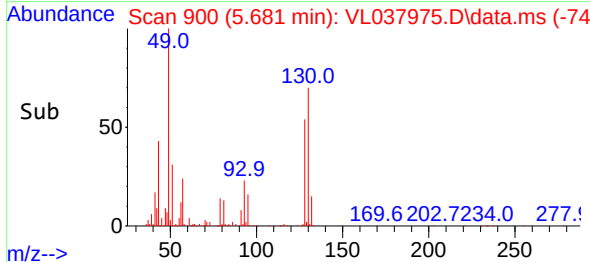
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



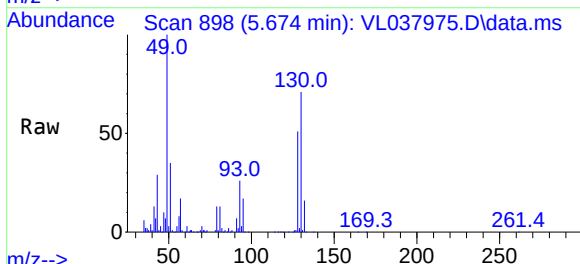
Tgt Ion: 43 Resp: 168268
Ion Ratio Lower Upper
43 100
45 13.3 8.1 12.1
61 11.4 8.1 12.1
70 9.4 5.8 8.6#

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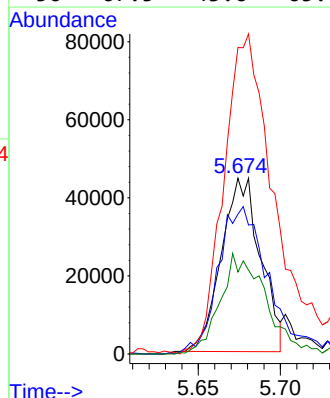
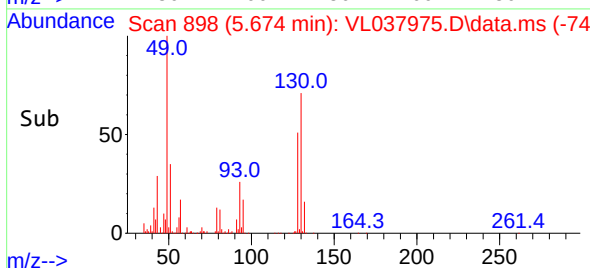
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

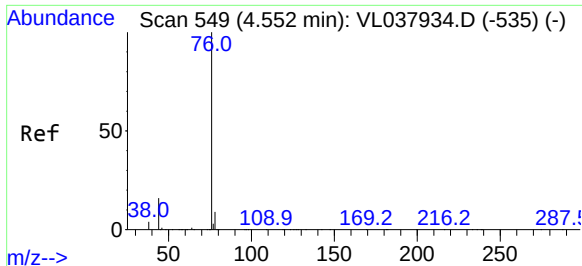


#26
Hexane
Concen: 0.459 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



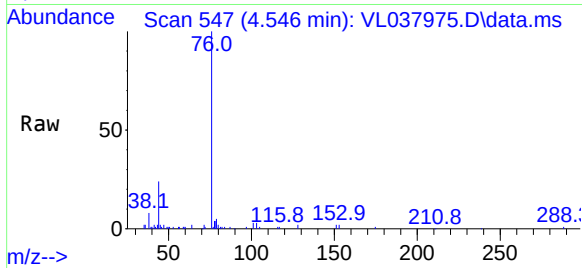
Tgt Ion: 57 Resp: 74210
Ion Ratio Lower Upper
57 100
41 112.7 71.0 106.6#
43 252.0 173.0 259.6
56 67.5 43.6 65.4#





#27
Carbon Disulfide
Concen: 0.501 ppbv m
RT: 4.546 min Scan# 549
Delta R.T. -0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

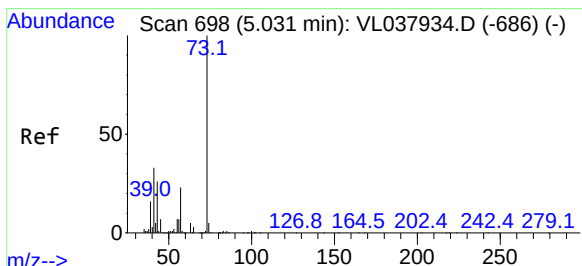
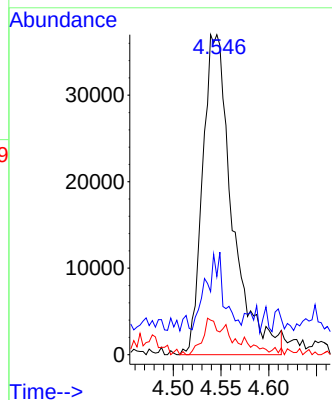
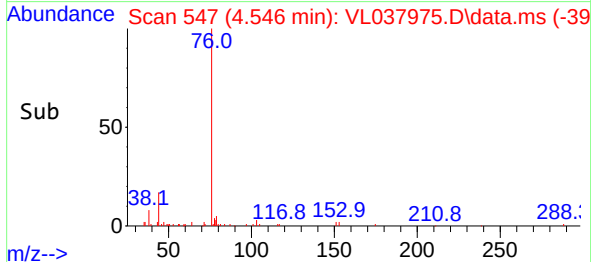
Instrument : MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 76 Resp: 79973
Ion Ratio Lower Upper
76 100
44 19.8 13.2 19.8
78 0.0 7.2 10.8

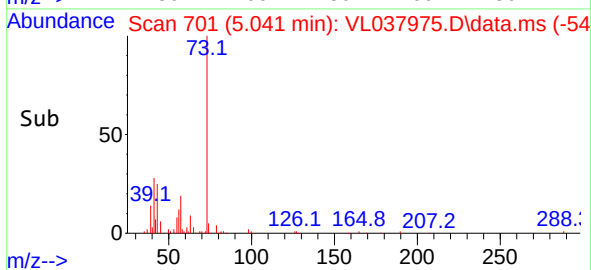
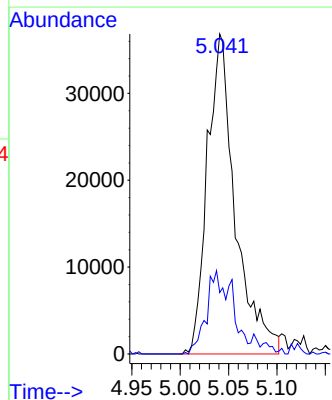
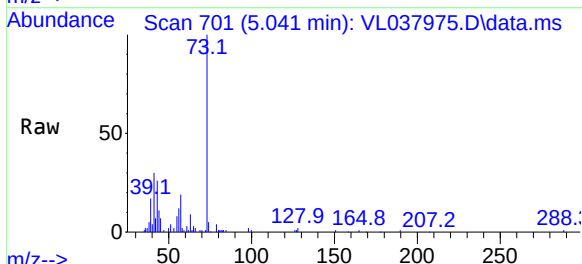
Manual Integrations
APPROVED

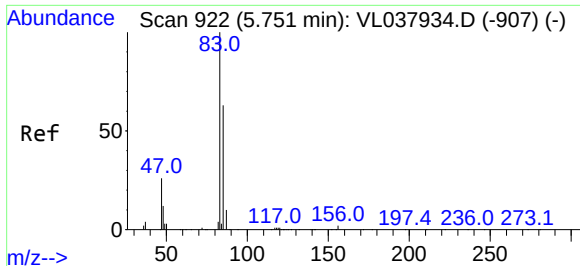
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#28
Methyl tert-Butyl Ether
Concen: 0.543 ppbv m
RT: 5.041 min Scan# 701
Delta R.T. 0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

Tgt Ion: 73 Resp: 73939
Ion Ratio Lower Upper
73 100
57 0.0 20.1 30.1#





#29

Chloroform

Concen: 0.541 ppbv

RT: 5.735 min Scan# 917

Delta R.T. -0.016 min

Lab File: VL037975.D

Acq: 2 Nov 2021 20:13

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021

Tgt Ion: 83 Resp: 130478

Ion Ratio Lower Upper

83 100

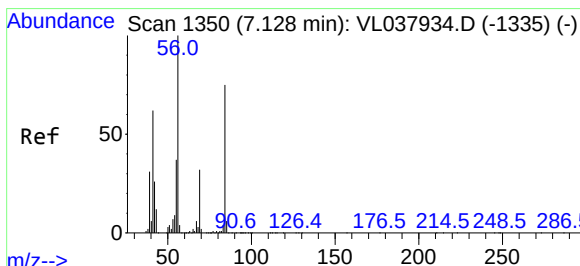
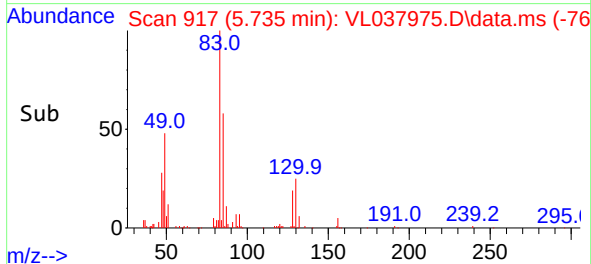
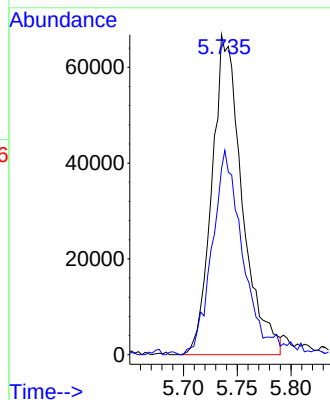
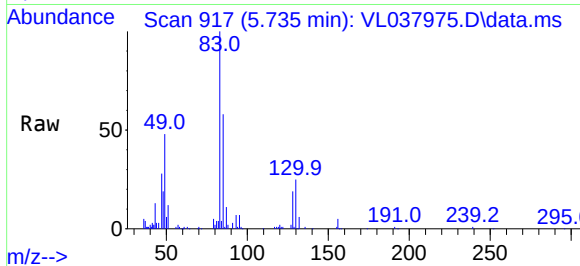
85 58.0 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/09/2021



#30

Cyclohexane

Concen: 0.448 ppbv

RT: 7.118 min Scan# 1347

Delta R.T. -0.010 min

Lab File: VL037975.D

Acq: 2 Nov 2021 20:13

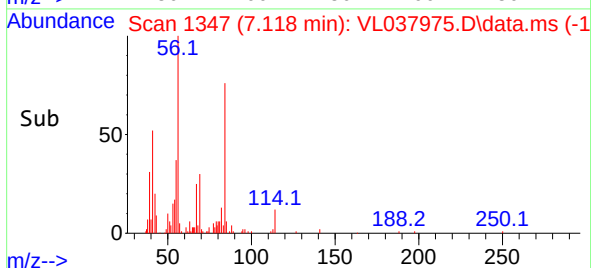
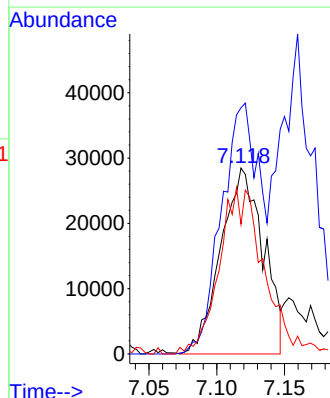
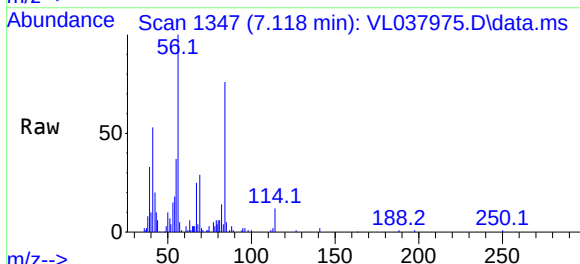
Tgt Ion: 84 Resp: 61918

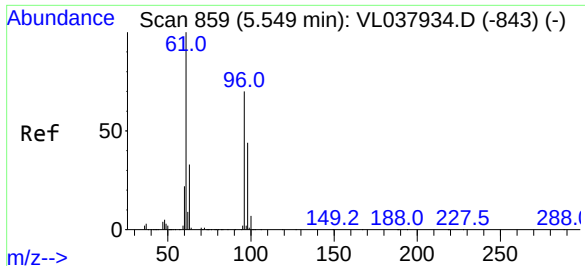
Ion Ratio Lower Upper

84 100

56 122.2 114.0 171.0

41 96.4 68.3 102.5





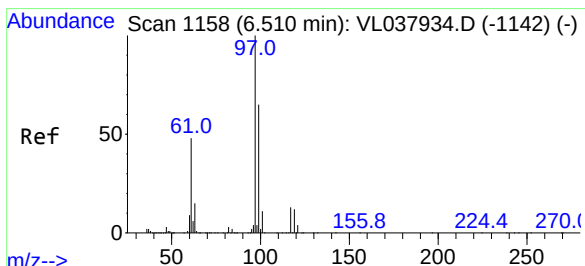
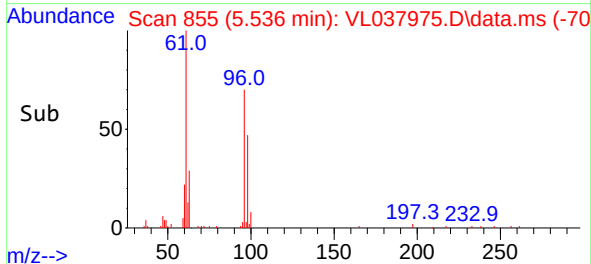
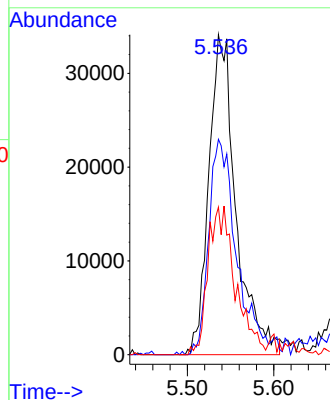
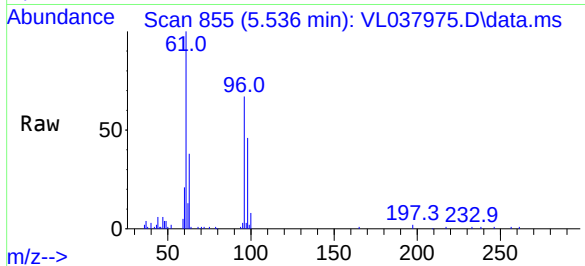
#31
cis-1,2-Dichloroethene
Concen: 0.504 ppbv m
RT: 5.536 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

Tgt Ion: 61 Resp: 7448
Ion Ratio Lower Upper
61 100
96 67.3 55.6 83.4
98 46.1 34.9 52.3

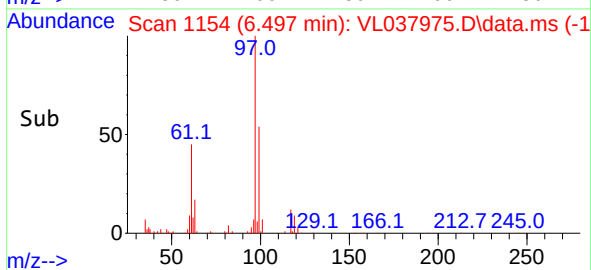
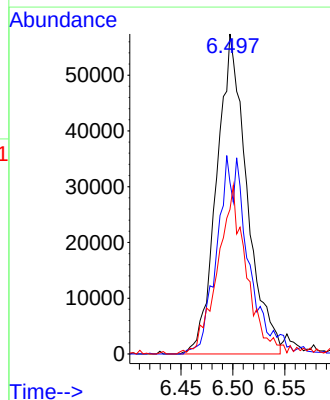
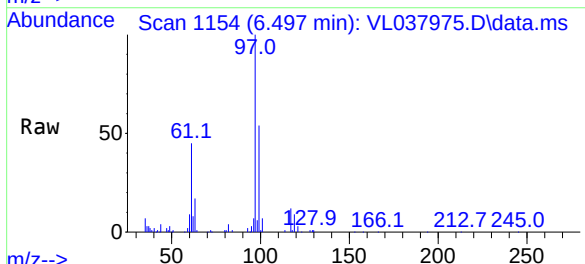
Manual Integrations
APPROVED

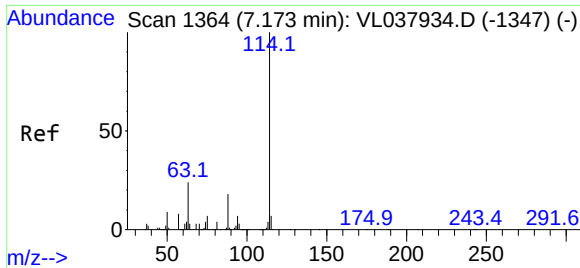
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#32
1,1,1-Trichloroethane
Concen: 0.489 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

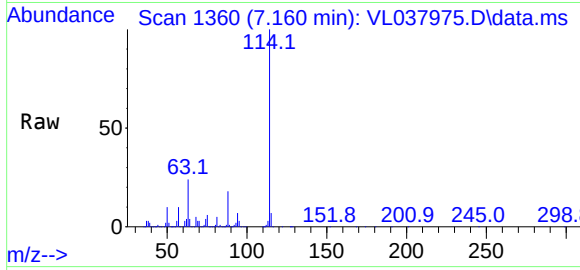
Tgt Ion: 97 Resp: 116034
Ion Ratio Lower Upper
97 100
99 65.4 52.2 78.4
61 51.8 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

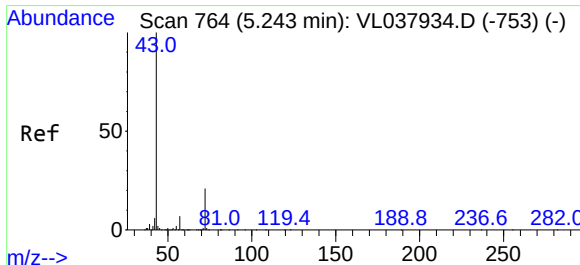
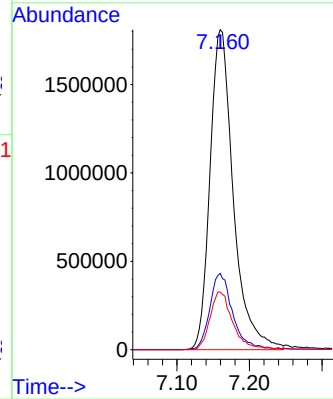
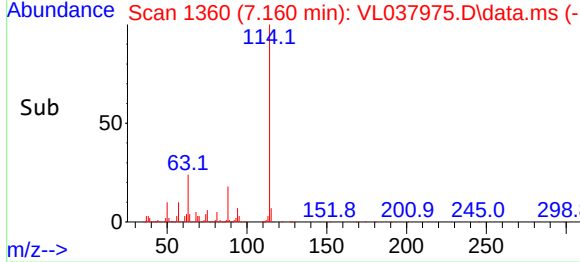
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion:114 Resp: 4054000
Ion Ratio Lower Upper
114 100
63 23.8 19.4 29.0
88 17.7 14.2 21.4

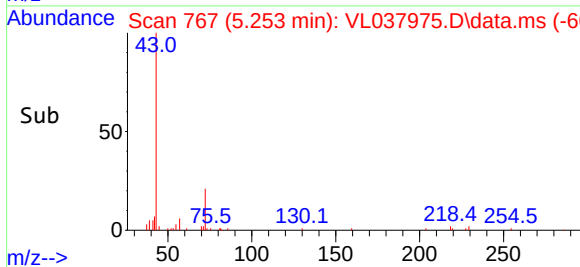
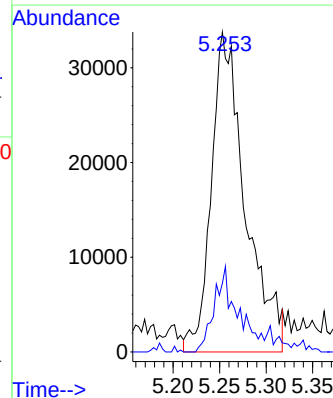
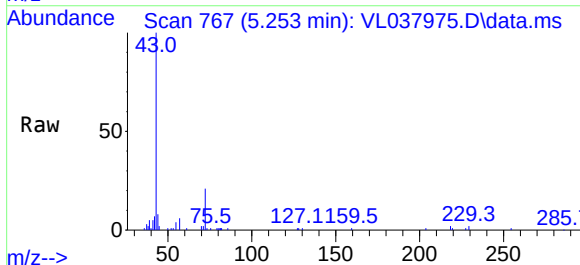
Manual Integrations
APPROVED

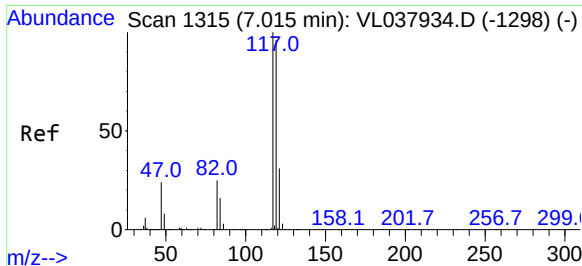
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#34
2-Butanone
Concen: 0.571 ppbv m
RT: 5.253 min Scan# 767
Delta R.T. 0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

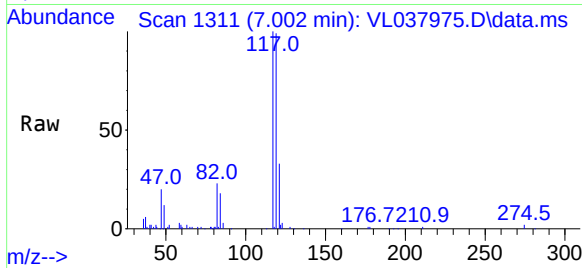
Tgt Ion: 43 Resp: 85769
Ion Ratio Lower Upper
43 100
72 18.4 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.453 ppbv
RT: 7.002 min Scan# 11109
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

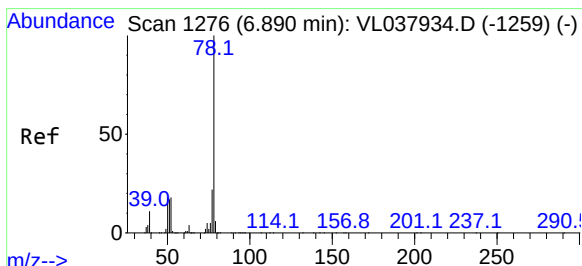
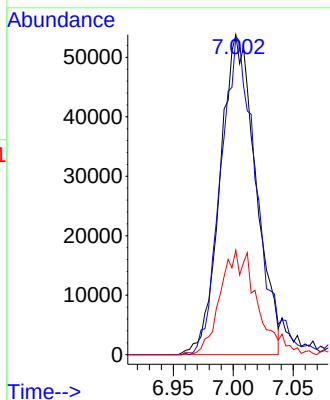
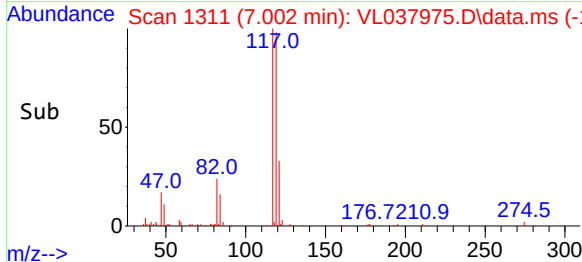
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



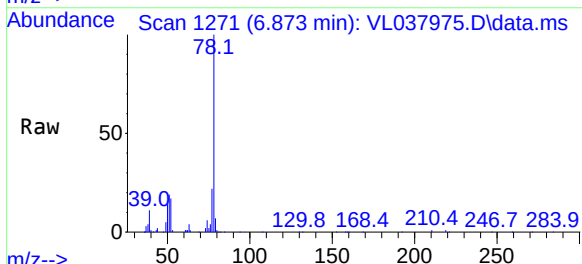
Tgt Ion: 117 Resp: 11109
Ion Ratio Lower Upper
117 100
119 99.4 76.6 114.8
121 32.6 25.1 37.7

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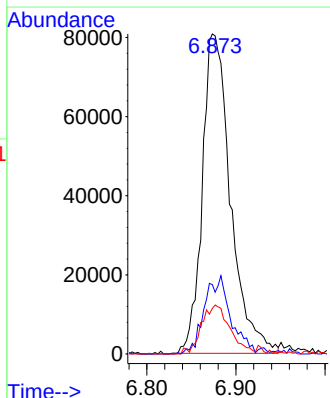
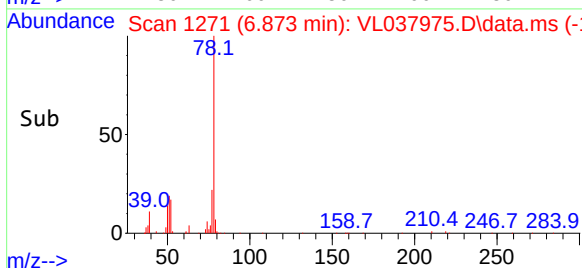
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

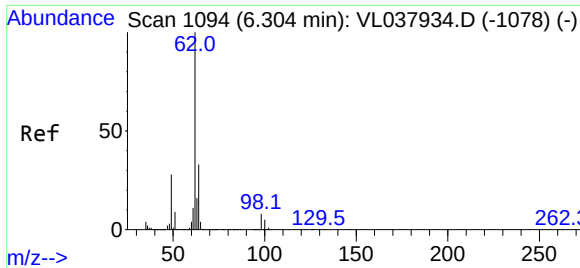


#36
Benzene
Concen: 0.538 ppbv
RT: 6.873 min Scan# 1271
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



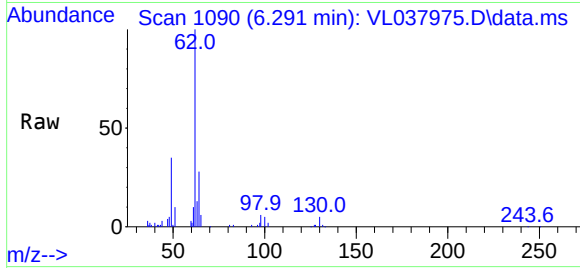
Tgt Ion: 78 Resp: 177547
Ion Ratio Lower Upper
78 100
77 21.5 17.9 26.9
50 14.3 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.547 ppbv m
RT: 6.291 min Scan# 1094
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

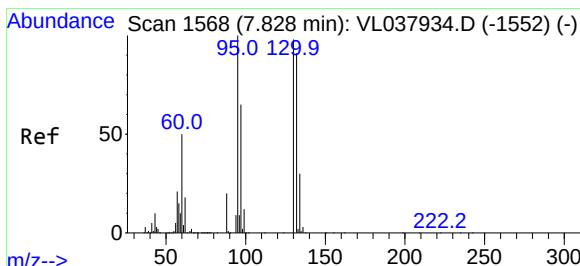
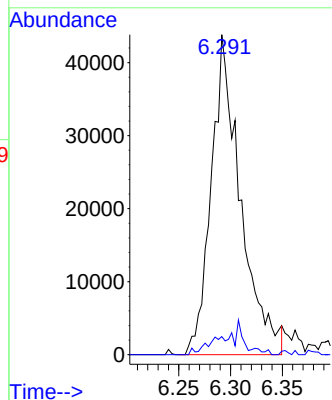
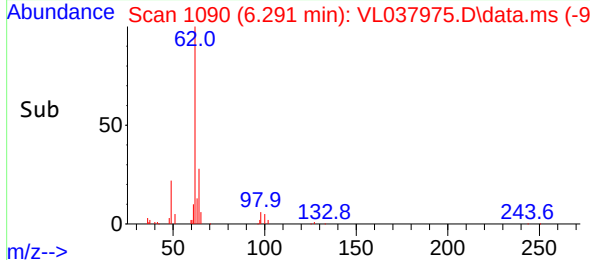
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 62 Resp: 85920
Ion Ratio Lower Upper
62 100
98 0.0 6.5 9.7

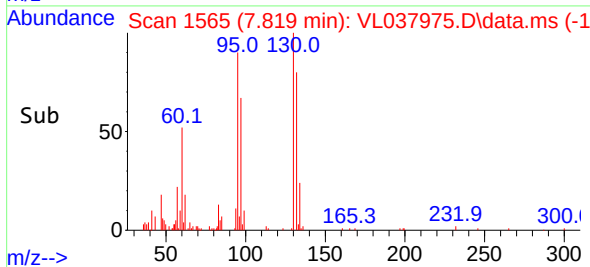
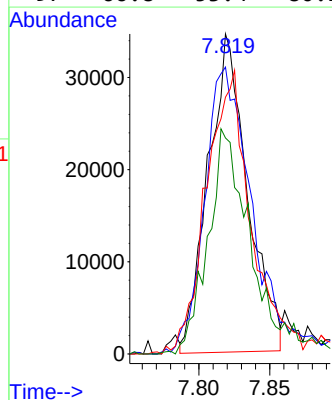
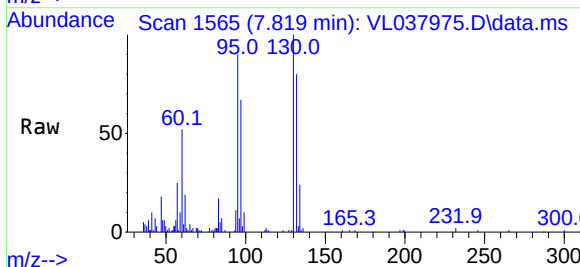
Manual Integrations
APPROVED

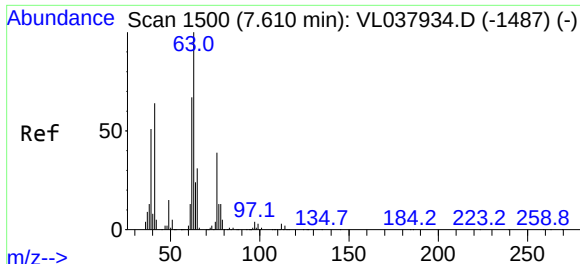
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#38
Trichloroethene
Concen: 0.487 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

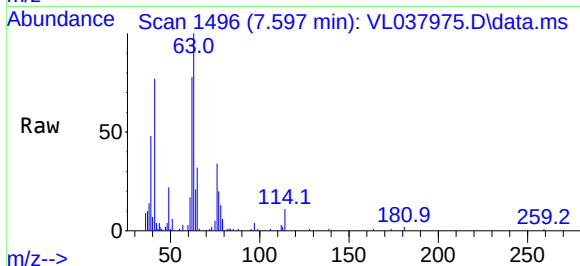
Tgt Ion:130 Resp: 66796
Ion Ratio Lower Upper
130 100
95 86.0 81.8 122.8
132 74.8 74.2 111.2
97 66.8 53.4 80.2





#39
1,2-Dichloropropane
Concen: 0.563 ppbv m
RT: 7.597 min Scan# 1496
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

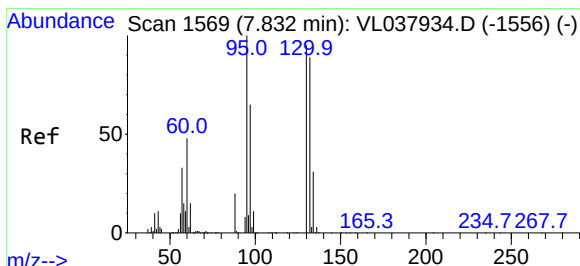
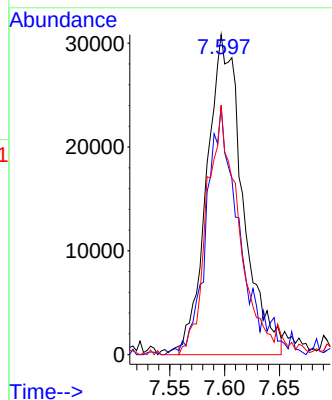
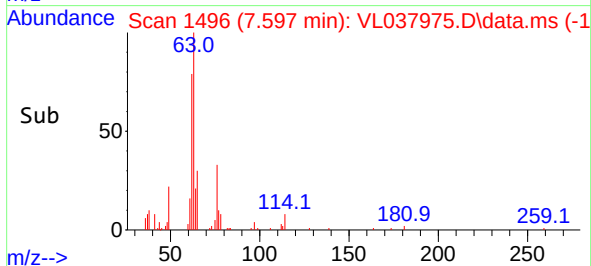
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



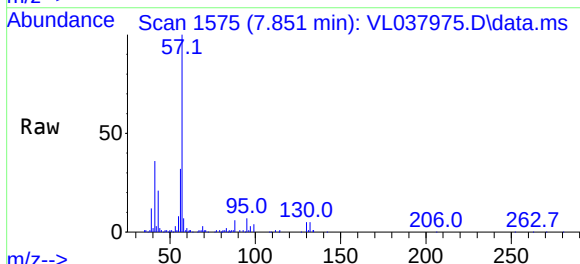
Tgt Ion: 63 Resp: 69958
Ion Ratio Lower Upper
63 100
41 77.4 51.6 77.4#
62 78.0 53.5 80.3#

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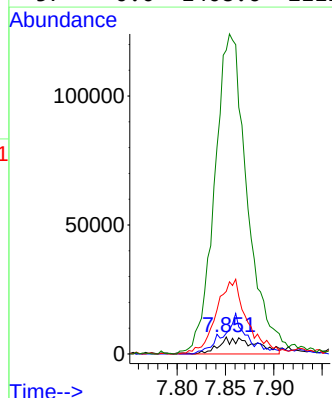
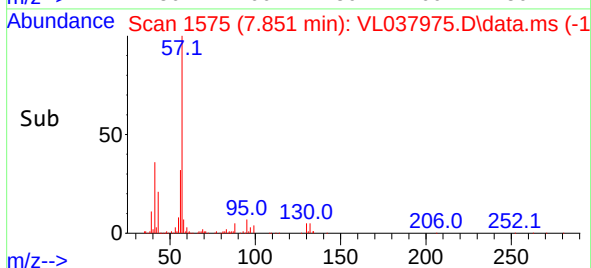
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

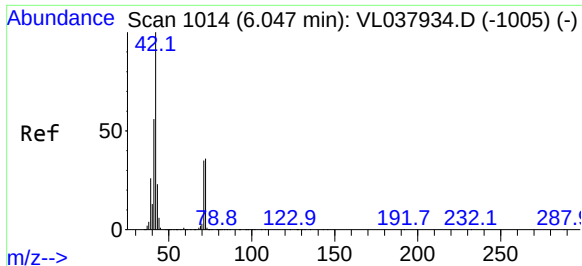


#40
1,4-Dioxane
Concen: 0.522 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.019 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



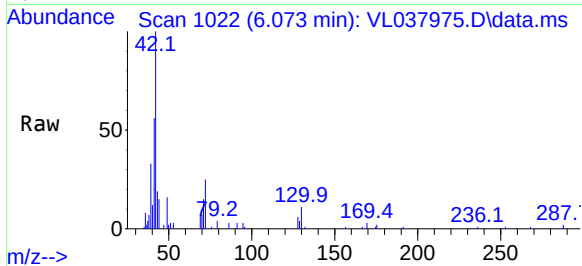
Tgt Ion: 88 Resp: 17074
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 0.508 ppbv m
RT: 6.073 min Scan# 1014
Delta R.T. 0.026 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

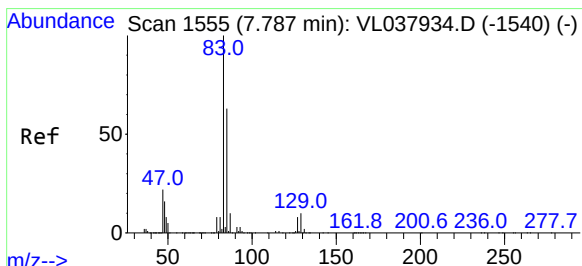
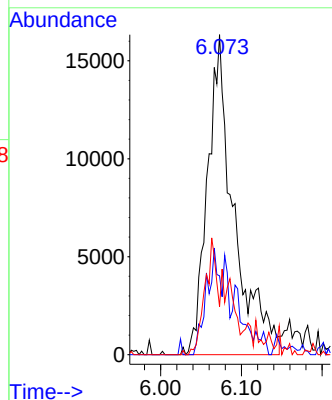
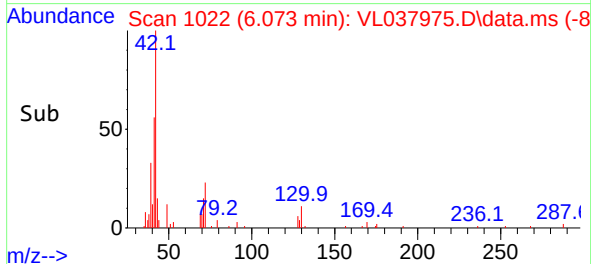
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



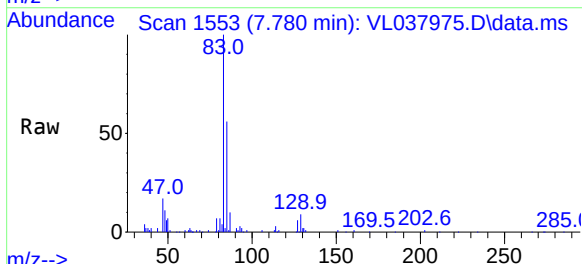
Tgt Ion: 42 Resp: 37318
Ion Ratio Lower Upper
42 100
72 0.0 31.5 47.3
71 0.0 30.5 45.7

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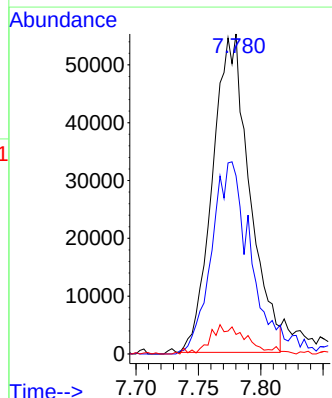
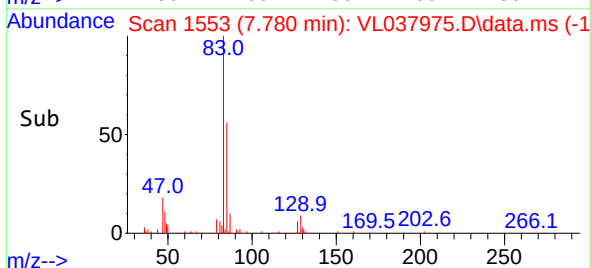
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

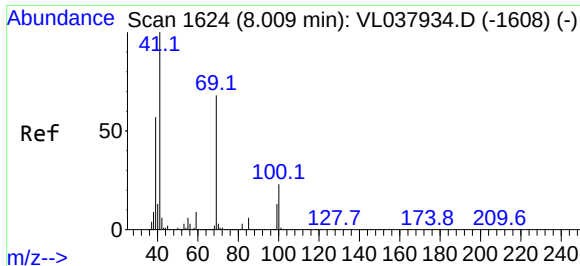


#42
Bromodichloromethane
Concen: 0.480 ppbv
RT: 7.780 min Scan# 1553
Delta R.T. -0.007 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



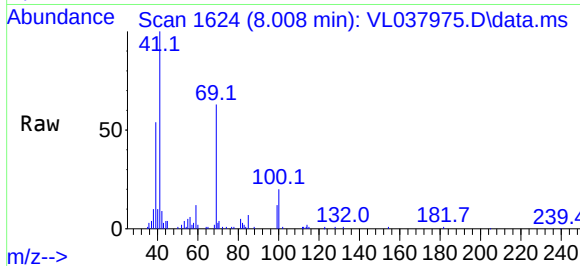
Tgt Ion: 83 Resp: 113903
Ion Ratio Lower Upper
83 100
85 55.0 50.1 75.1
127 6.1 6.1 9.1





#43
Methyl Methacrylate
Concen: 0.467 ppbv m
RT: 8.008 min Scan# 1
Delta R.T. -0.000 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

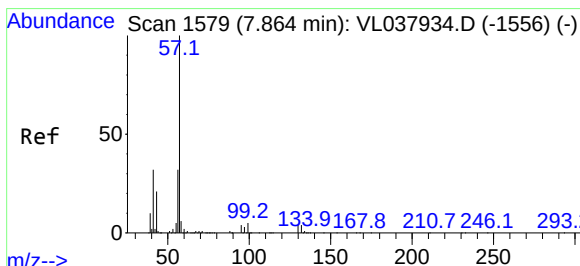
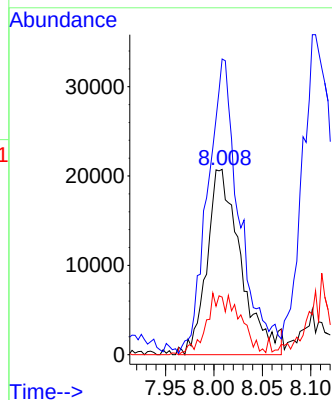
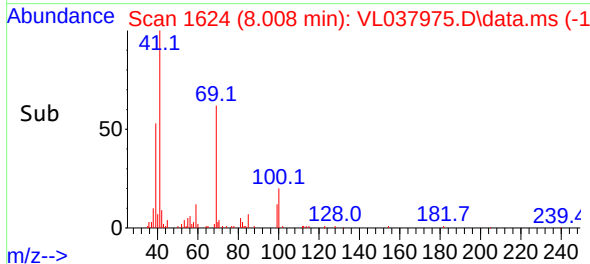
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



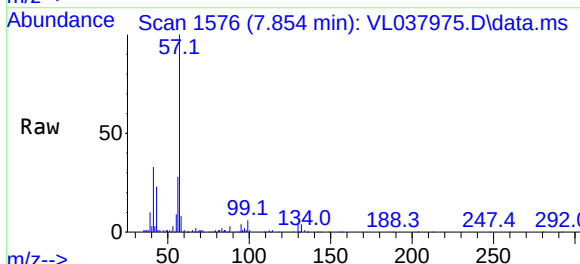
Tgt Ion: 69 Resp: 50594
Ion Ratio Lower Upper
69 100
41 149.3 117.4 176.2
100 32.6 27.8 41.6

Manual Integrations
APPROVED

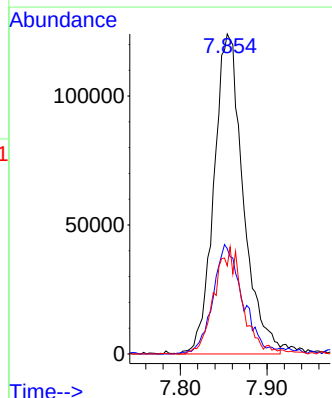
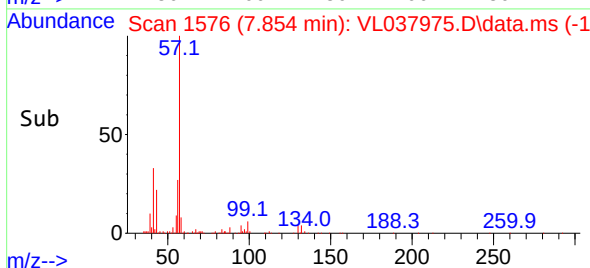
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

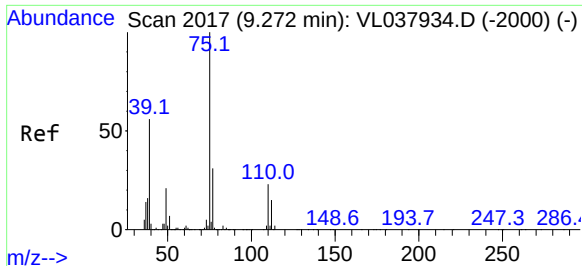


#44
2,2,4-Trimethylpentane
Concen: 0.519 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



Tgt Ion: 57 Resp: 291272
Ion Ratio Lower Upper
57 100
41 35.9 25.8 38.8
56 32.8 25.9 38.9





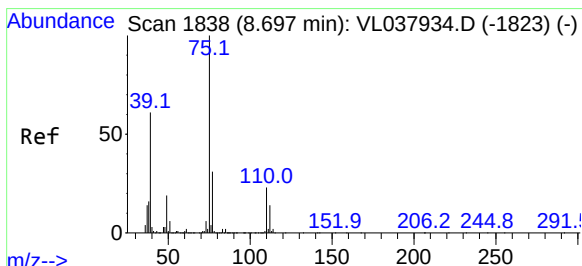
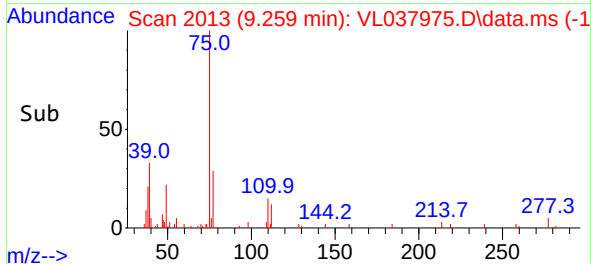
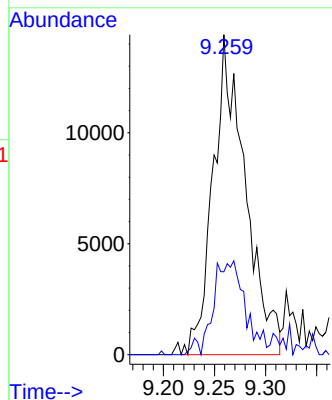
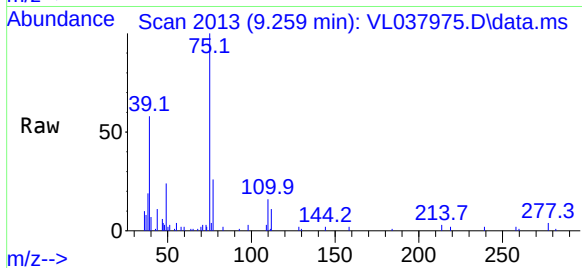
#45
t-1,3-Dichloropropene
Concen: 0.397 ppbv m
RT: 9.259 min Scan# 2017
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

Tgt Ion: 75 Resp: 3161
Ion Ratio Lower Upper
75 100
77 25.9 25.2 37.8

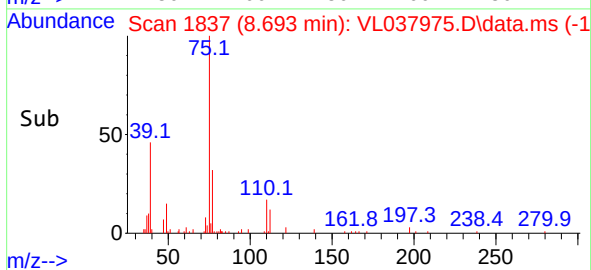
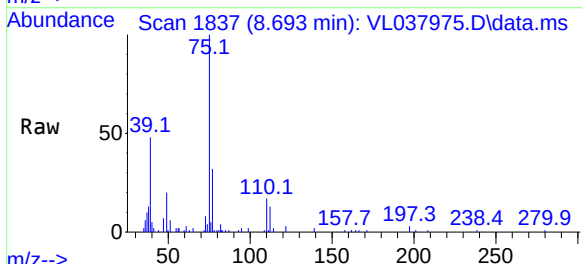
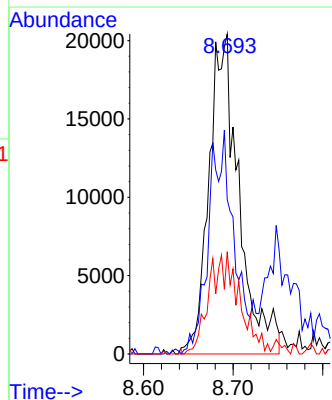
Manual Integrations
APPROVED

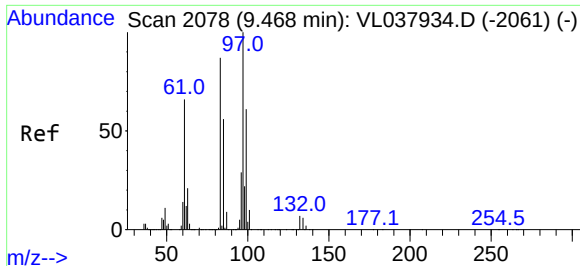
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#46
cis-1,3-Dichloropropene
Concen: 0.434 ppbv m
RT: 8.693 min Scan# 1837
Delta R.T. -0.003 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

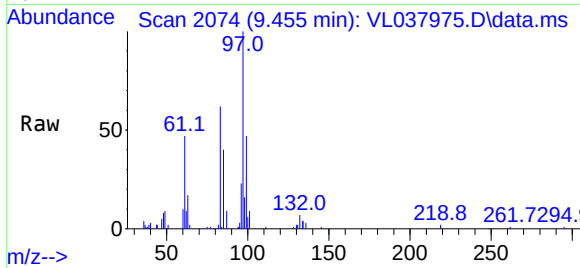
Tgt Ion: 75 Resp: 47458
Ion Ratio Lower Upper
75 100
39 48.2 48.8 73.2#
77 32.0 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 0.546 ppbv m
RT: 9.455 min Scan# 2078
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

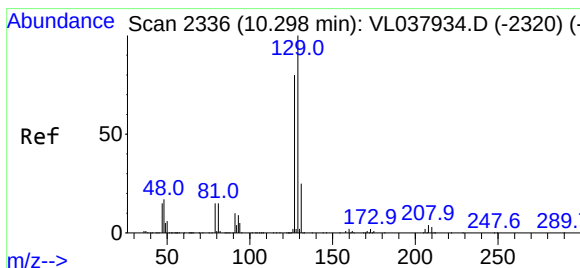
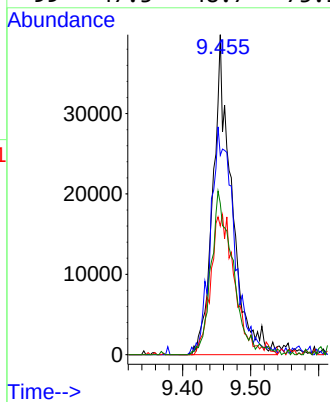
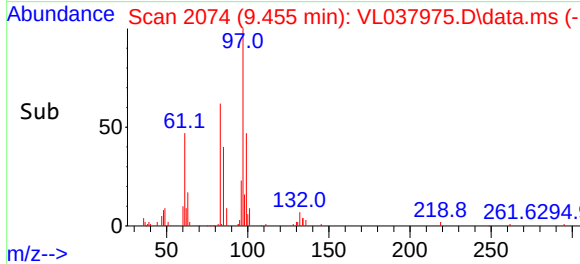
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 97 Resp: 76254
Ion Ratio Lower Upper
97 100
83 62.3 69.4 104.2
85 40.2 45.0 67.6
99 47.3 48.7 73.1

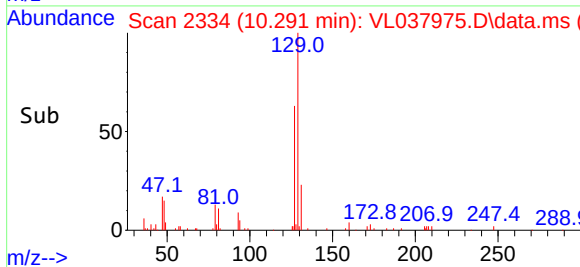
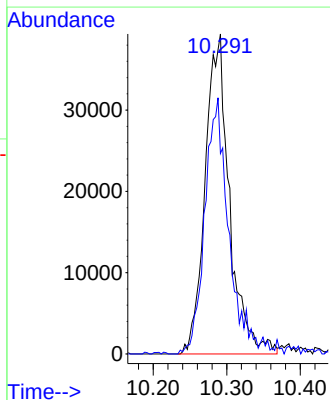
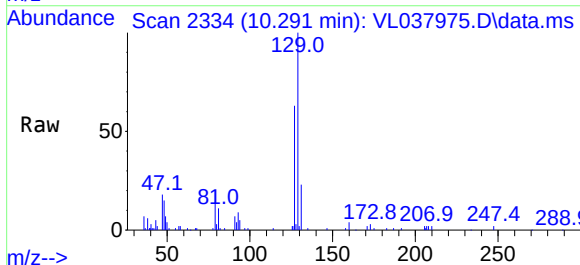
Manual Integrations
APPROVED

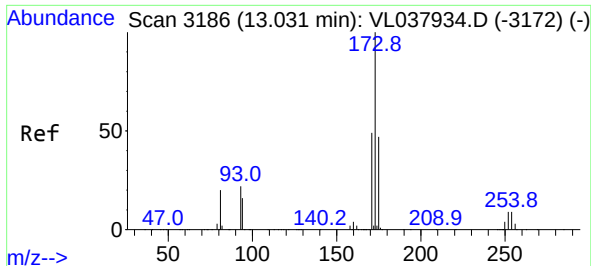
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#48
Dibromochloromethane
Concen: 0.456 ppbv m
RT: 10.291 min Scan# 2334
Delta R.T. -0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

Tgt Ion:129 Resp: 90175
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.9





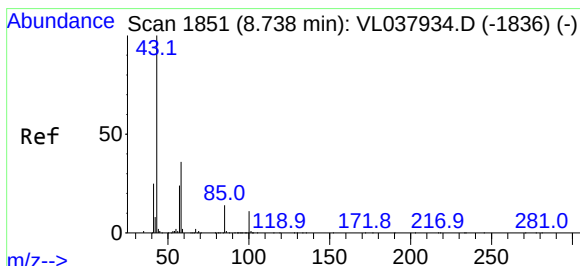
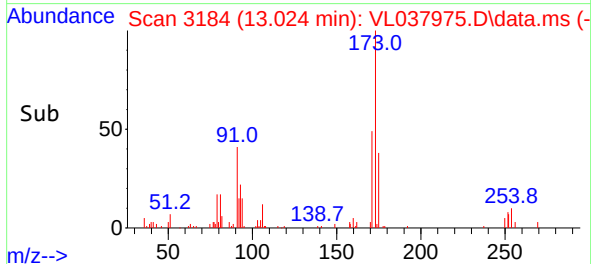
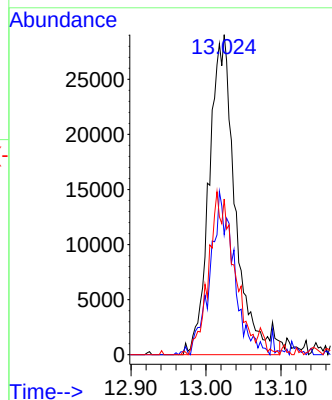
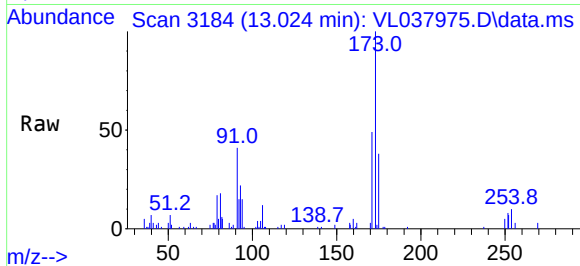
#49
Bromoform
Concen: 0.451 ppbv m
RT: 13.024 min Scan# 3186
Delta R.T. -0.007 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

Tgt Ion:173 Resp: 7050
Ion Ratio Lower Upper
173 100
175 46.6 39.5 59.3
171 51.8 43.6 65.4

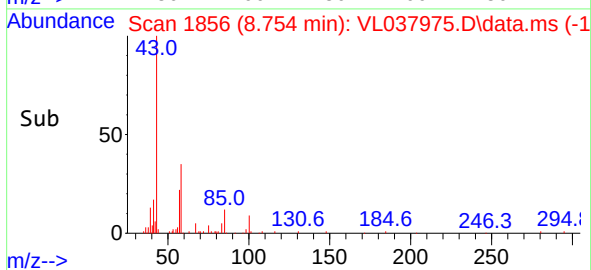
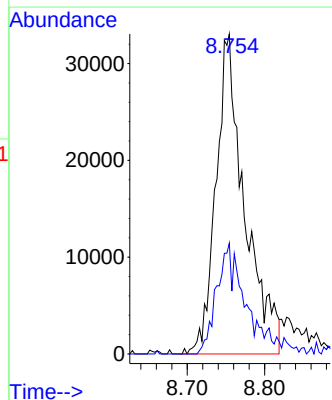
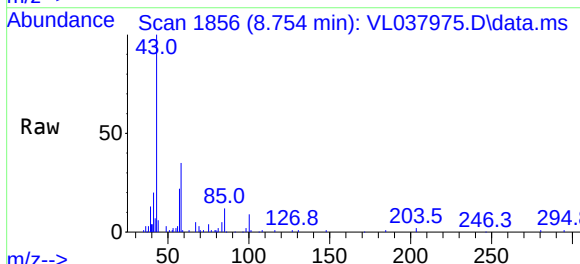
Manual Integrations
APPROVED

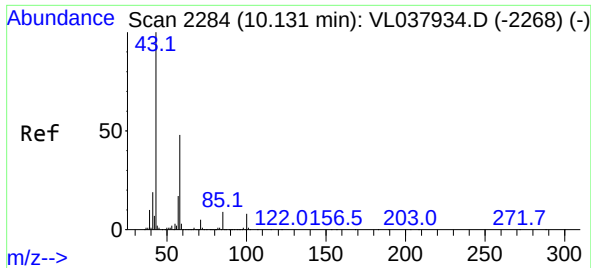
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#50
4-Methyl-2-Pentanone
Concen: 0.432 ppbv m
RT: 8.754 min Scan# 1856
Delta R.T. 0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

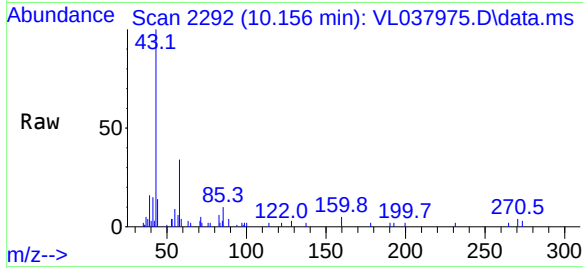
Tgt Ion: 43 Resp: 85303
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#51
2-Hexanone
Concen: 0.416 ppbv m
RT: 10.156 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

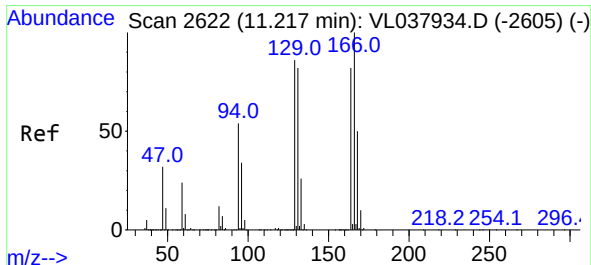
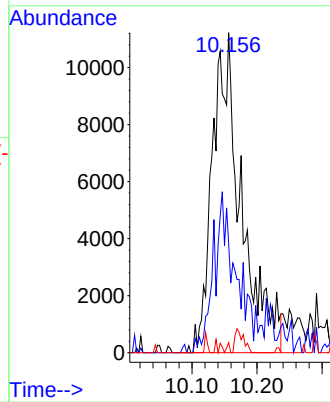
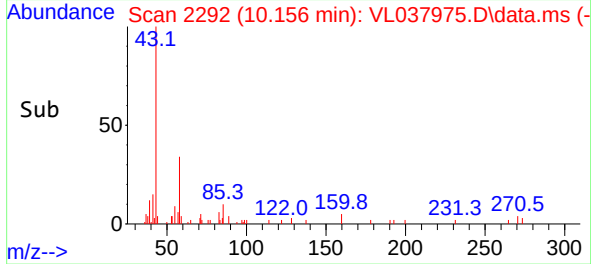
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



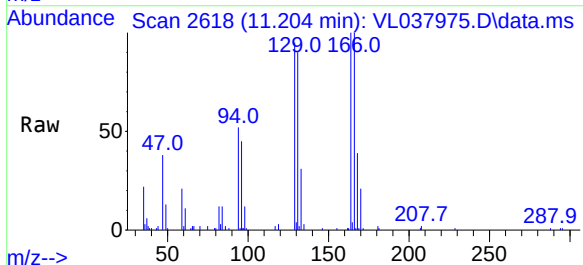
Tgt Ion: 43 Resp: 3458
Ion Ratio Lower Upper
43 100
58 0.0 38.6 57.8
98 0.0 1.0 1.4

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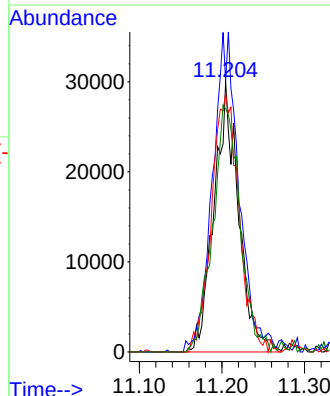
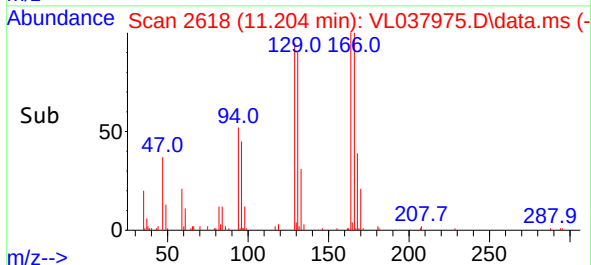
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

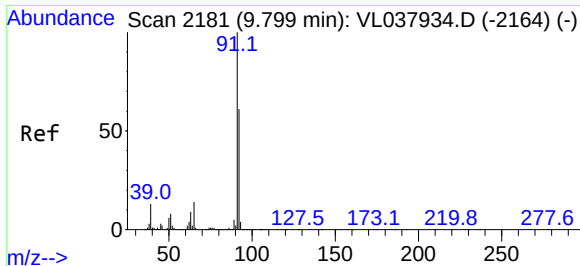


#52
Tetrachloroethene
Concen: 0.494 ppbv m
RT: 11.204 min Scan# 2618
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



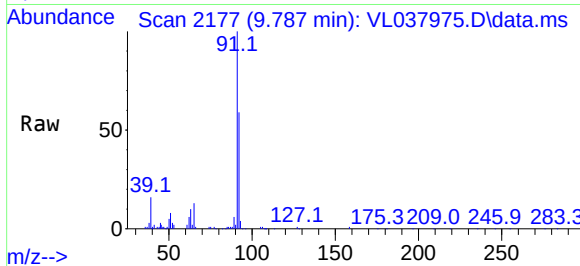
Tgt Ion:164 Resp: 61856
Ion Ratio Lower Upper
164 100
166 100.2 97.6 146.4
129 95.5 84.2 126.2
131 89.9 79.6 119.4





#53
Toluene
Concen: 0.446 ppbv
RT: 9.787 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

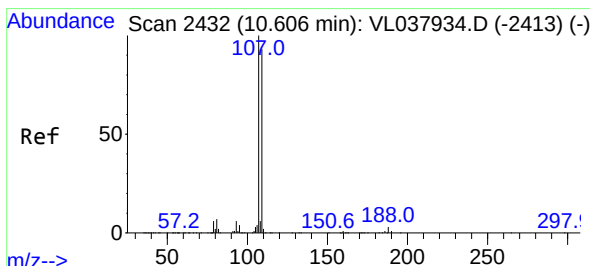
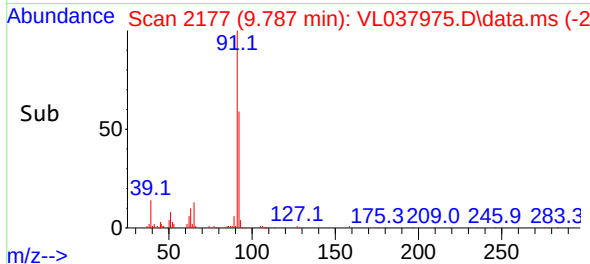
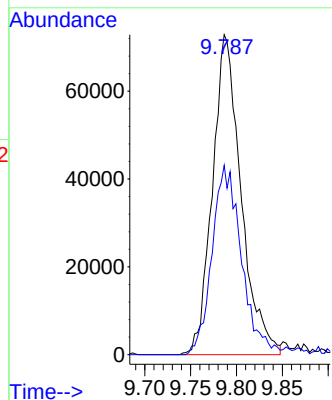
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion: 91 Resp: 15788
Ion Ratio Lower Upper
91 100
92 62.0 48.2 72.4

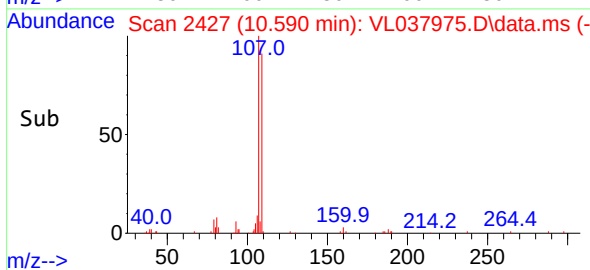
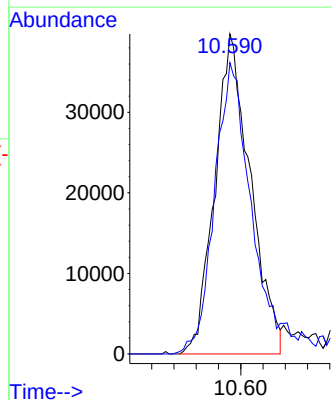
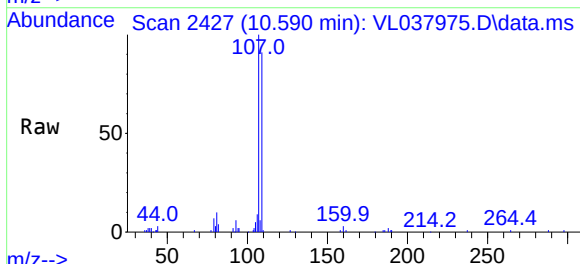
Manual Integrations
APPROVED

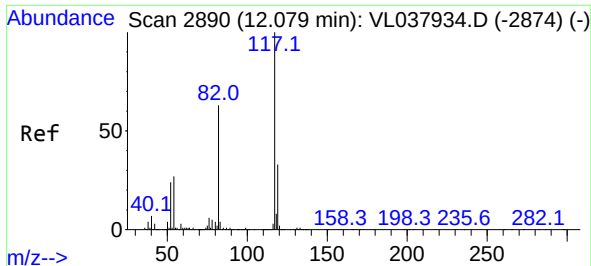
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#54
1,2-Dibromoethane
Concen: 0.489 ppbv
RT: 10.590 min Scan# 2427
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

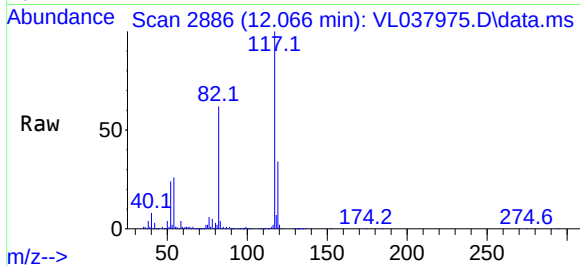
Tgt Ion:107 Resp: 88013
Ion Ratio Lower Upper
107 100
109 90.3 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.066 min Scan# 2886
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

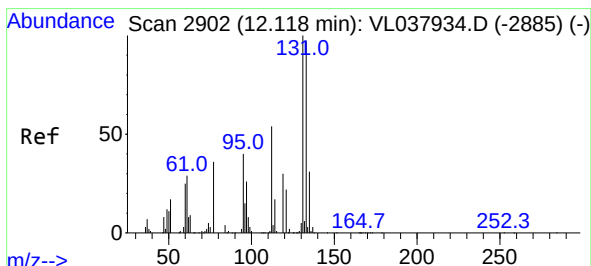
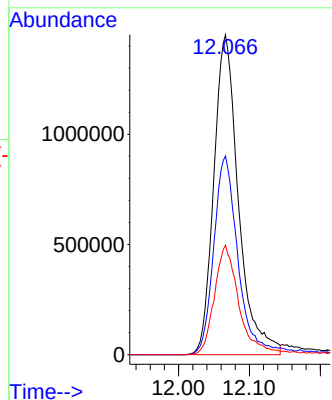
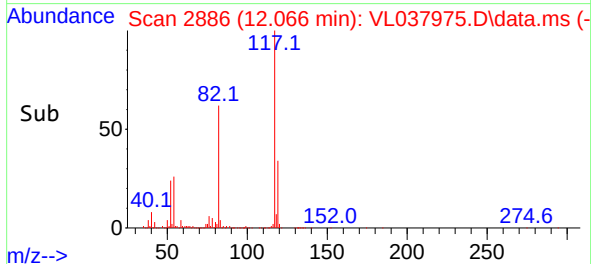
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



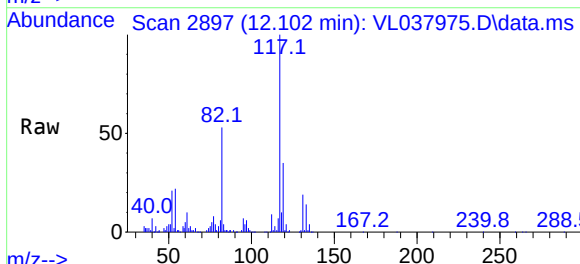
Tgt Ion:117 Resp: 350612
Ion Ratio Lower Upper
117 100
82 63.5 51.0 76.6
119 35.8 26.9 40.3

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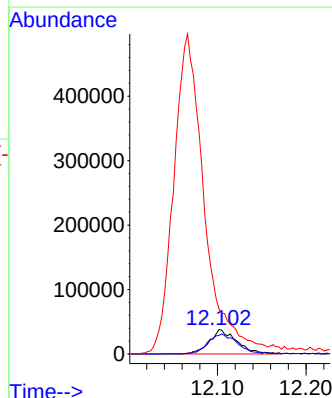
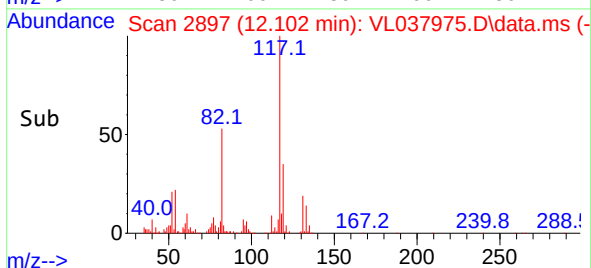
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

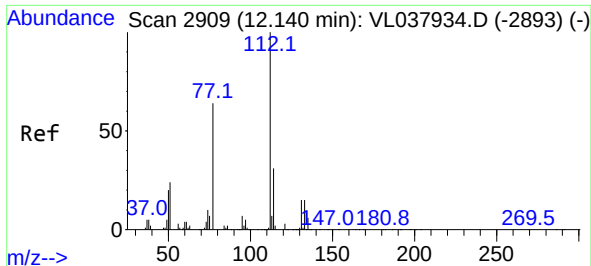


#56
1,1,1,2-Tetrachloroethane
Concen: 0.578 ppbv m
RT: 12.102 min Scan# 2897
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



Tgt Ion:131 Resp: 81798
Ion Ratio Lower Upper
131 100
133 0.0 79.6 119.4#
119 0.0 125.4 188.2#





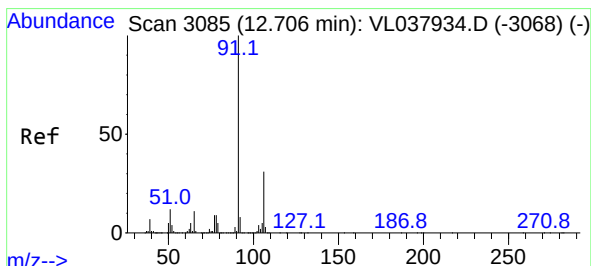
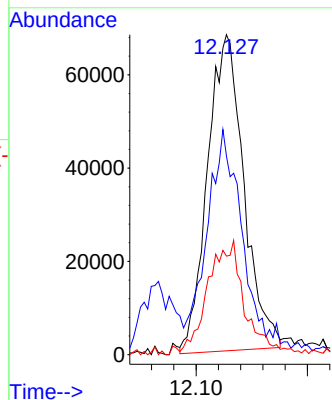
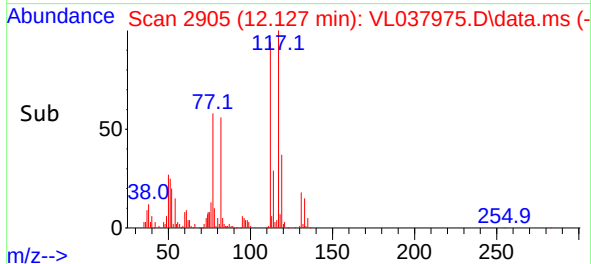
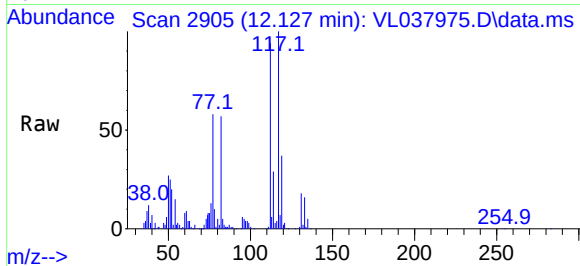
#57
Chlorobenzene
Concen: 0.550 ppbv
RT: 12.127 min Scan# 2905
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

Tgt Ion:112 Resp: 15378
Ion Ratio Lower Upper
112 100
77 60.1 51.1 76.7
114 30.5 27.9 34.1

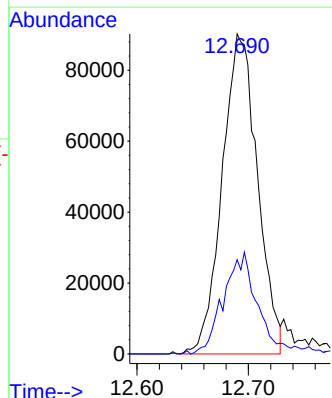
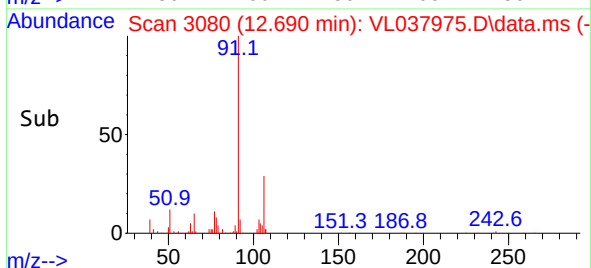
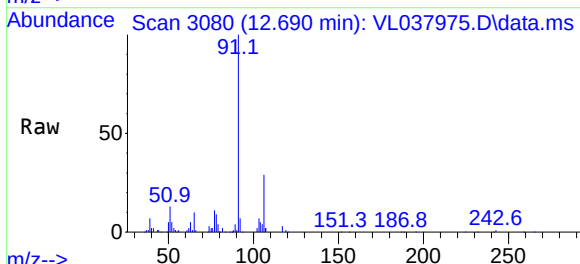
Manual Integrations
APPROVED

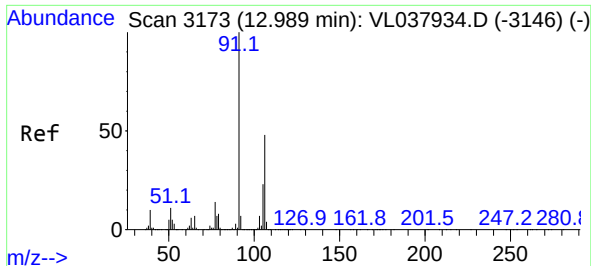
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#58
Ethyl Benzene
Concen: 0.463 ppbv
RT: 12.690 min Scan# 3080
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

Tgt Ion: 91 Resp: 198563
Ion Ratio Lower Upper
91 100
106 29.5 25.1 37.7





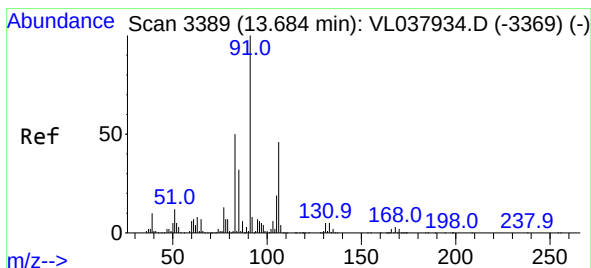
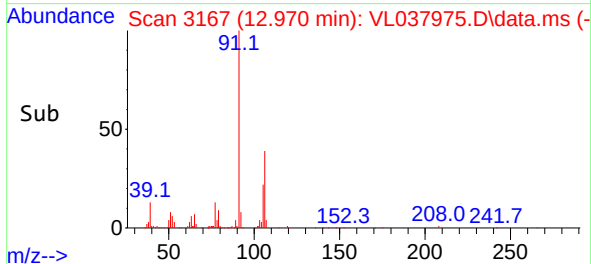
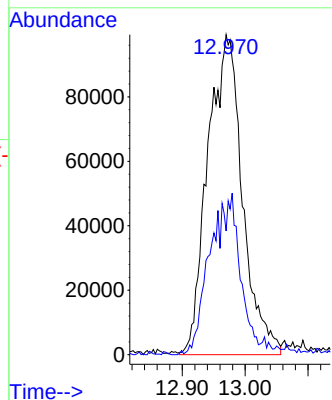
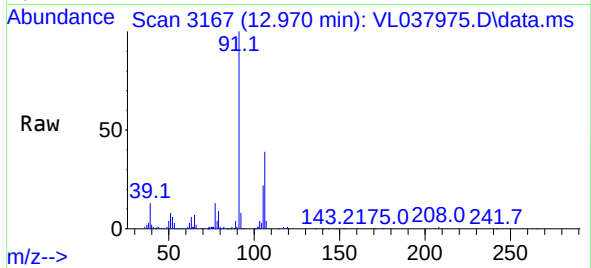
#59
m/p-Xylene
Concen: 0.998 ppbv m
RT: 12.970 min Scan# 3173
Delta R.T. -0.019 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

Tgt Ion: 91 Resp: 380199
Ion Ratio Lower Upper
91 100
106 46.4 37.1 55.7

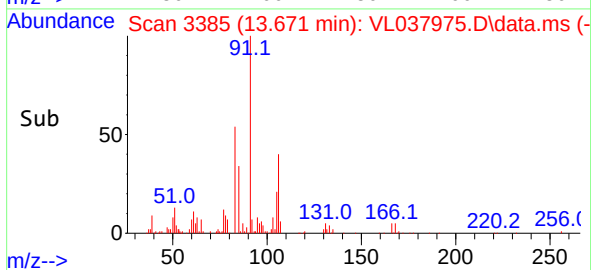
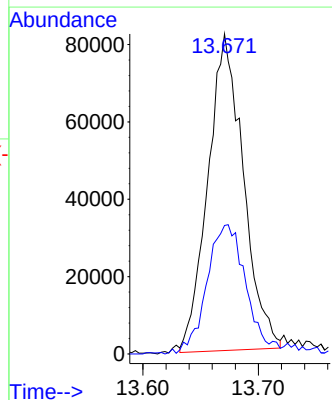
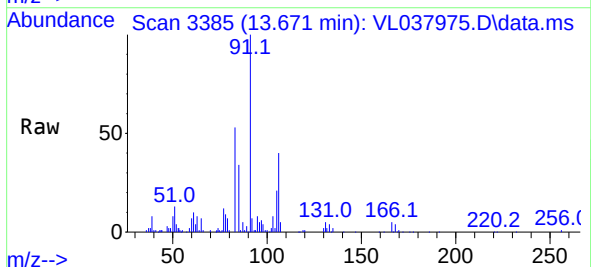
Manual Integrations
APPROVED

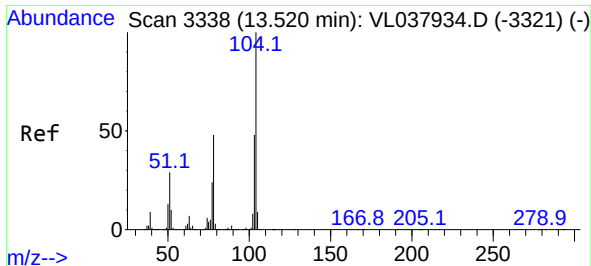
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#60
o-Xylene
Concen: 0.486 ppbv
RT: 13.671 min Scan# 3385
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

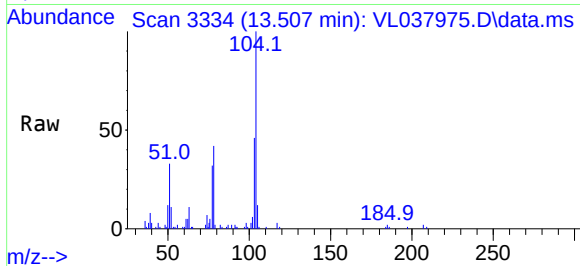
Tgt Ion: 91 Resp: 174704
Ion Ratio Lower Upper
91 100
106 48.0 23.5 70.6





#61
Styrene
Concen: 0.405 ppbv m
RT: 13.507 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

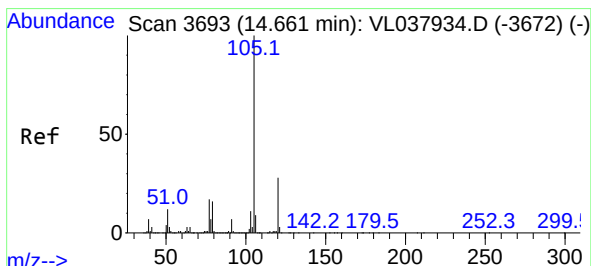
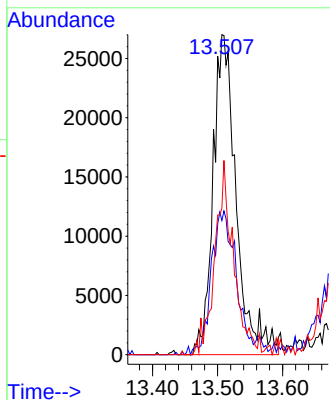
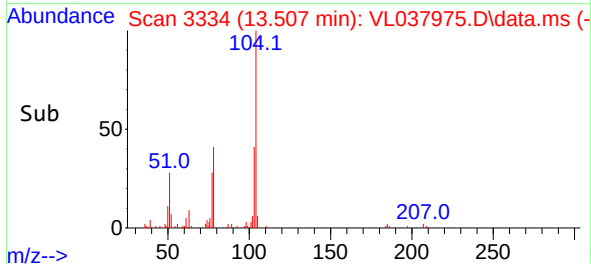
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



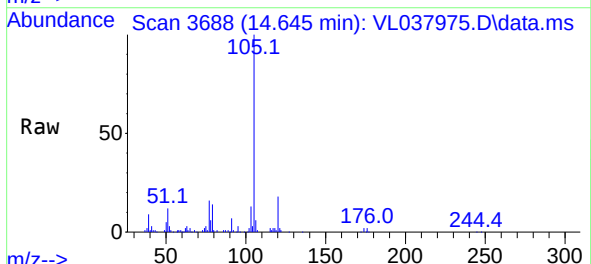
Tgt Ion:104 Resp: 66870
Ion Ratio Lower Upper
104 100
78 52.0 39.3 58.9
103 49.2 39.6 59.4

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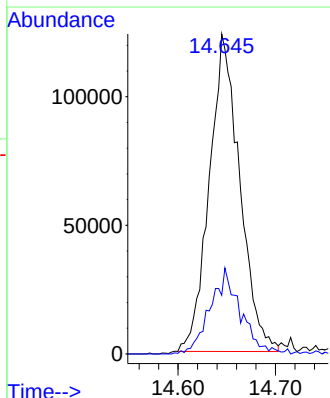
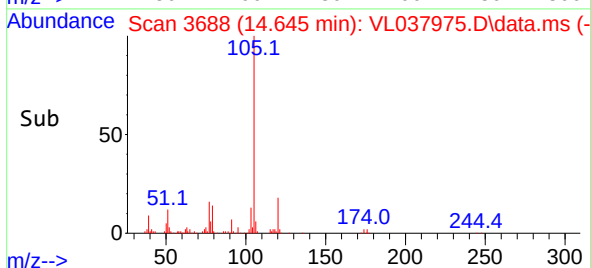
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

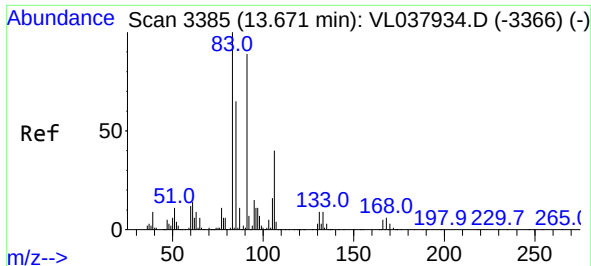


#62
Isopropylbenzene
Concen: 0.527 ppbv
RT: 14.645 min Scan# 3688
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



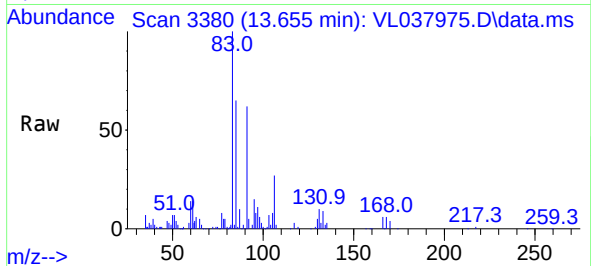
Tgt Ion:105 Resp: 267881
Ion Ratio Lower Upper
105 100
120 26.9 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.508 ppbv
RT: 13.655 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

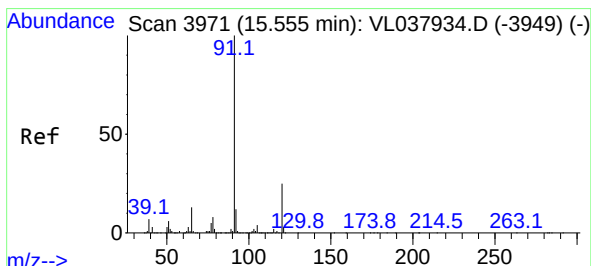
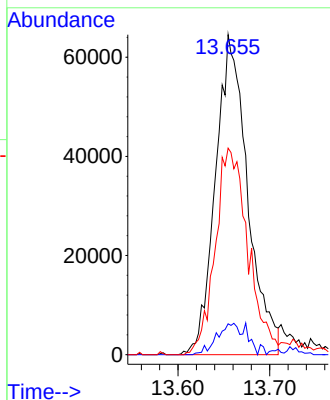
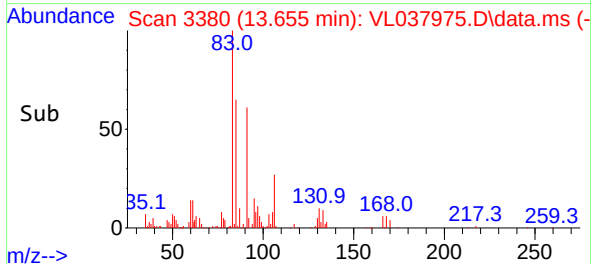
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



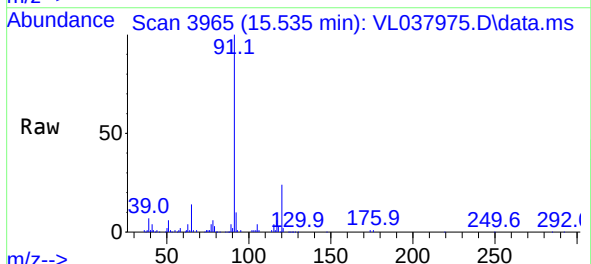
Tgt Ion: 83 Resp: 15710
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 69.2 32.5 97.5

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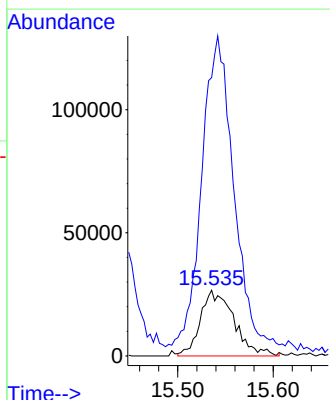
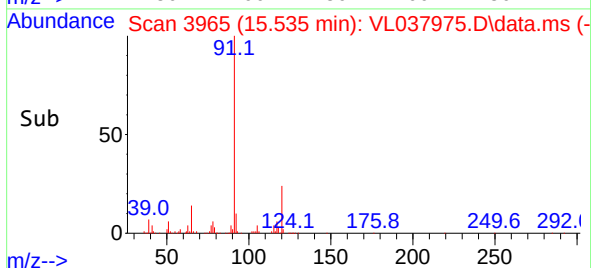
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

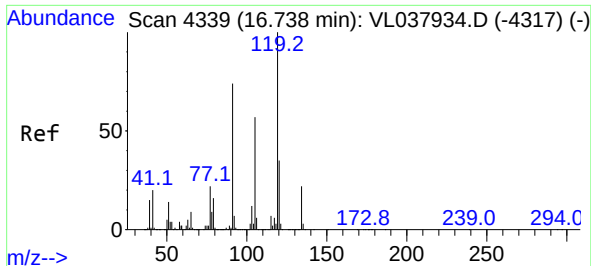


#64
n-propylbenzene
Concen: 0.499 ppbv m
RT: 15.535 min Scan# 3965
Delta R.T. -0.019 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



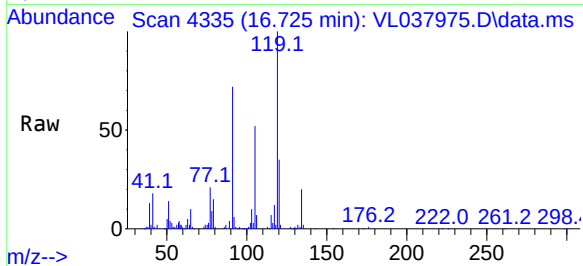
Tgt Ion:120 Resp: 65083
Ion Ratio Lower Upper
120 100
91 0.0 363.3 544.9#





#65
tert-Butylbenzene
Concen: 0.498 ppbv
RT: 16.725 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

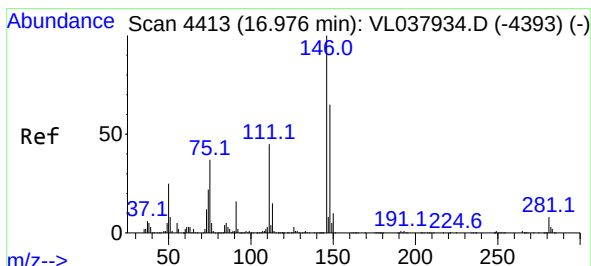
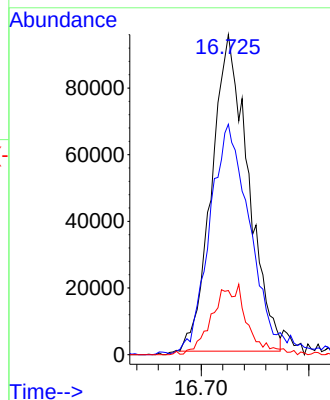
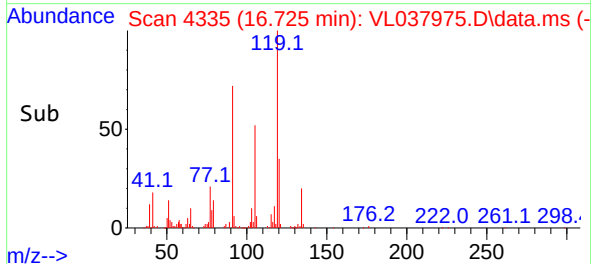
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



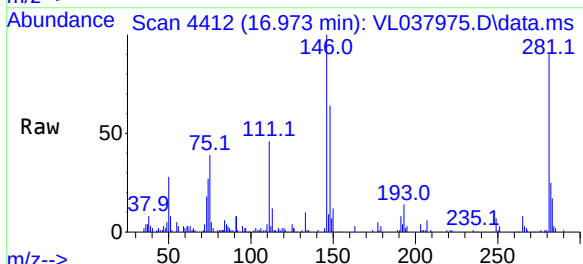
Tgt Ion: 119 Resp: 22398
Ion Ratio Lower Upper
119 100
91 85.3 61.8 92.6
134 21.2 16.6 25.0

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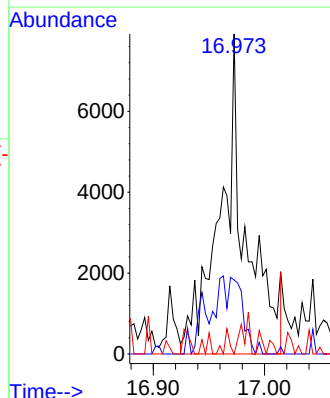
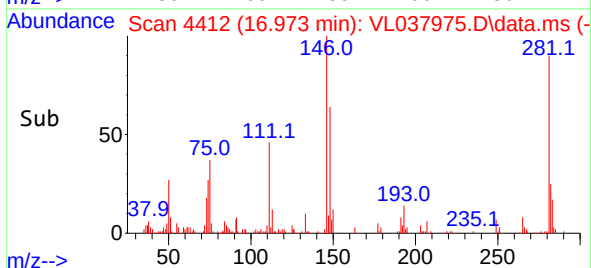
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

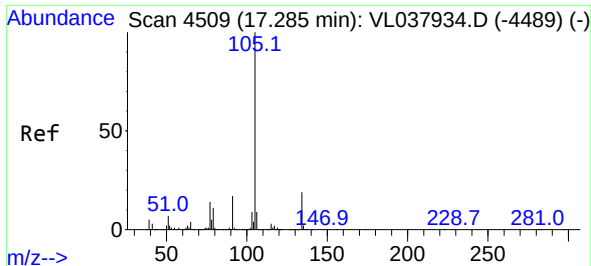


#66
Benzyl Chloride
Concen: 0.539 ppbv m
RT: 16.973 min Scan# 4412
Delta R.T. -0.003 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



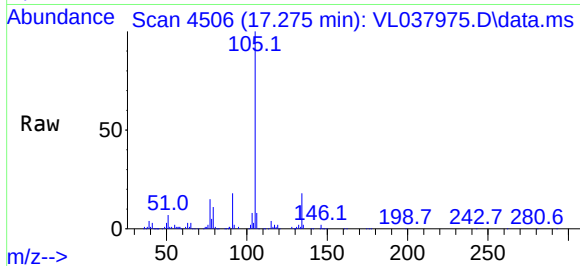
Tgt Ion: 91 Resp: 12660
Ion Ratio Lower Upper
91 100
126 32.1 13.8 20.6#
128 4.3 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.492 ppbv
 RT: 17.275 min Scan# 4509
 Delta R.T. -0.010 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13

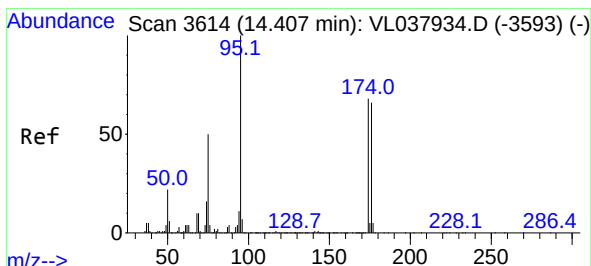
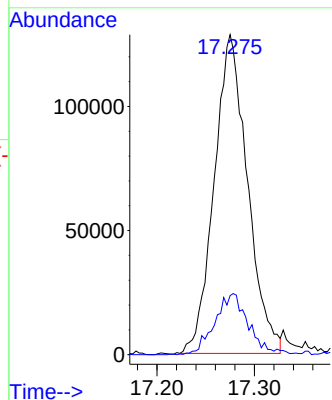
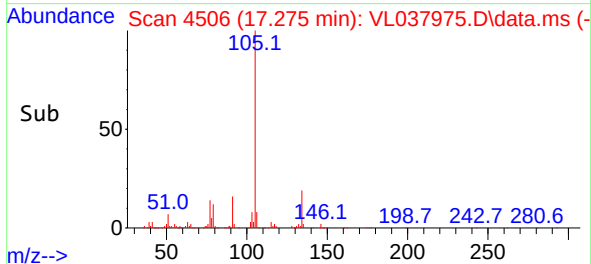
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2021



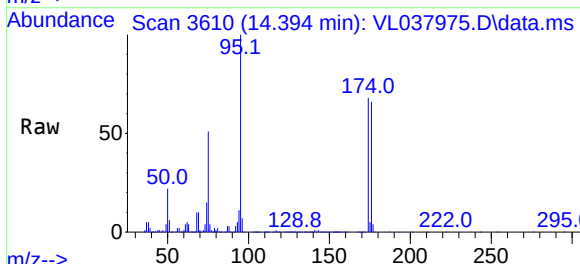
Tgt Ion:105 Resp: 304972
 Ion Ratio Lower Upper
 105 100
 134 19.5 15.4 23.0

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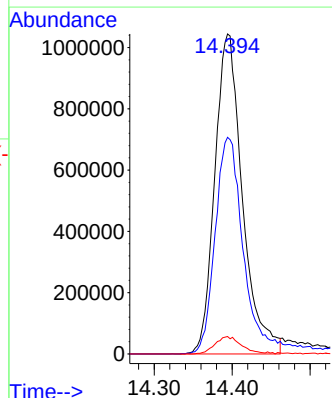
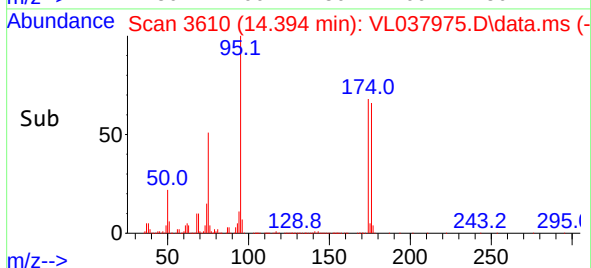
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/09/2021

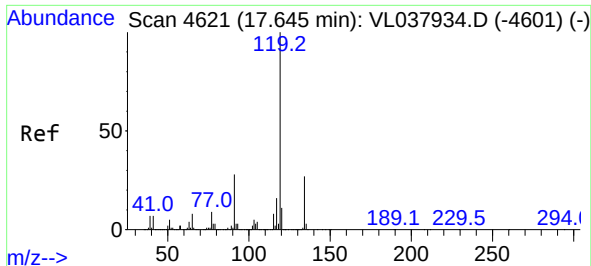


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.094 ppbv
 RT: 14.394 min Scan# 3610
 Delta R.T. -0.013 min
 Lab File: VL037975.D
 Acq: 2 Nov 2021 20:13



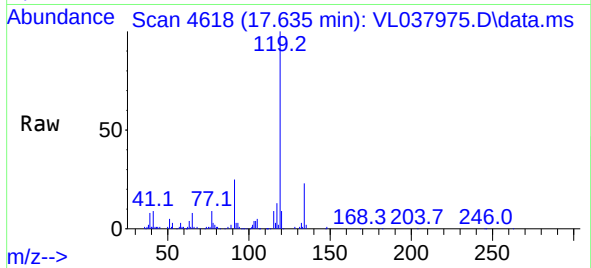
Tgt Ion: 95 Resp: 2572624
 Ion Ratio Lower Upper
 95 100
 174 73.9 58.3 87.5
 175 5.5 4.6 6.8





#69
p-Isopropyltoluene
Concen: 0.463 ppbv
RT: 17.635 min Scan# 4618
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

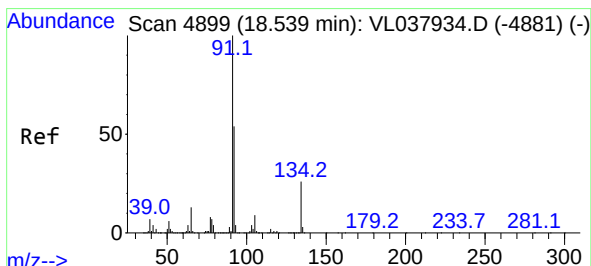
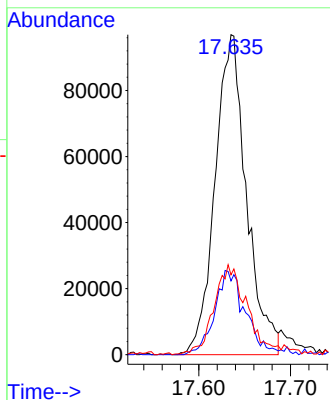
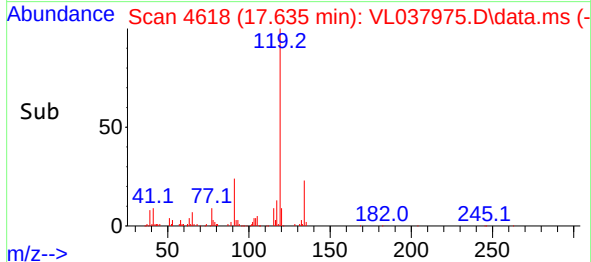
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



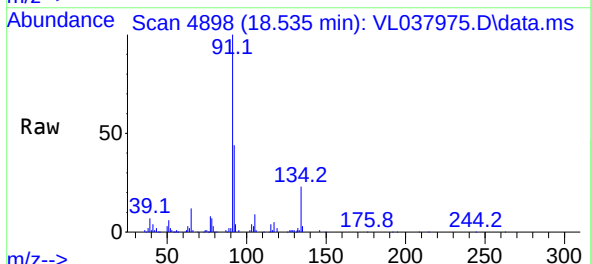
Tgt Ion: 119 Resp: 230192
Ion Ratio Lower Upper
119 100
134 25.5 21.0 31.4
91 30.6 21.8 32.8

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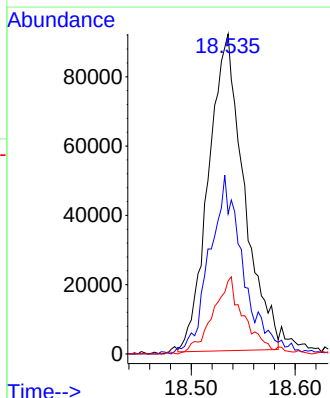
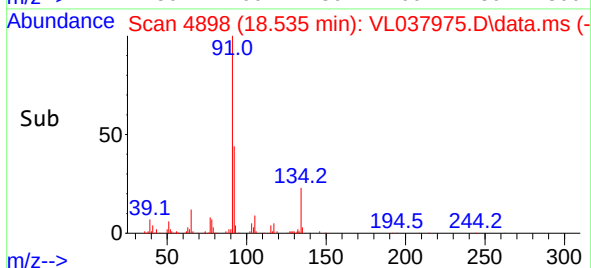
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

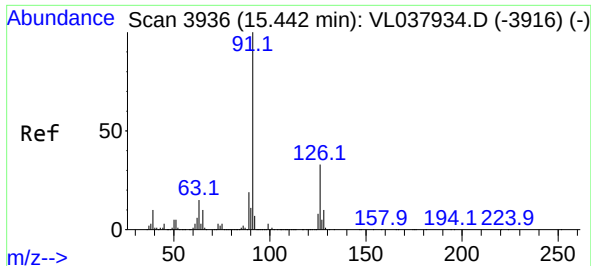


#70
n-Butylbenzene
Concen: 0.475 ppbv
RT: 18.535 min Scan# 4898
Delta R.T. -0.003 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



Tgt Ion: 91 Resp: 216773
Ion Ratio Lower Upper
91 100
92 54.7 43.6 65.4
134 22.3 19.8 29.6





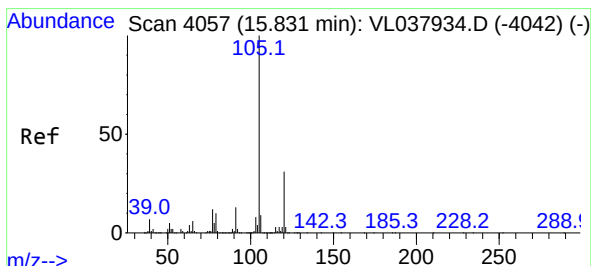
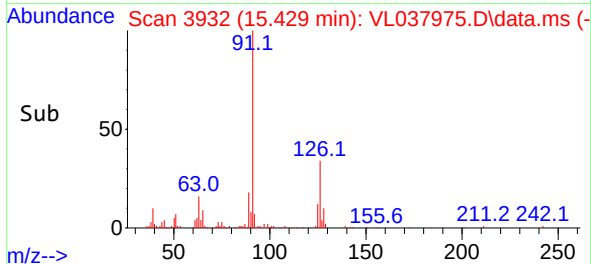
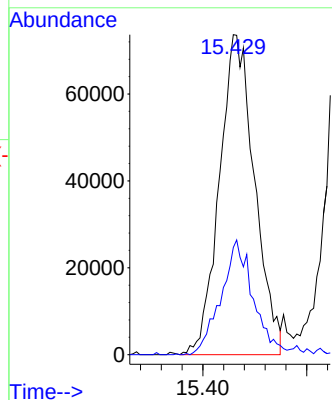
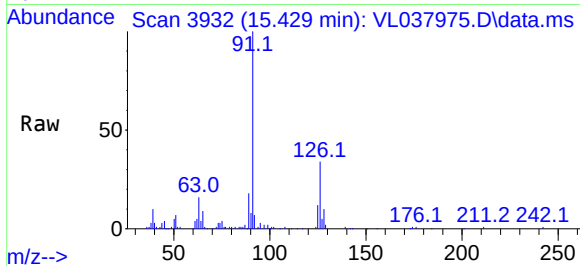
#71
2-Chlorotoluene
Concen: 0.486 ppbv
RT: 15.429 min Scan# 3936
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

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

Tgt Ion: 91 Resp: 17315
Ion Ratio Lower Upper
91 100
126 33.6 13.3 53.3

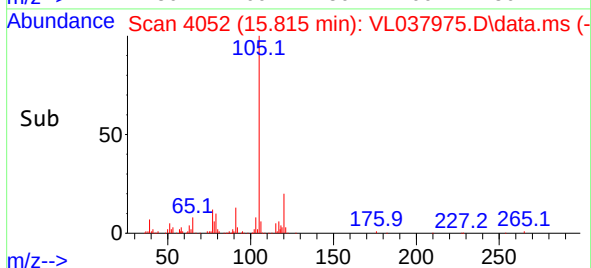
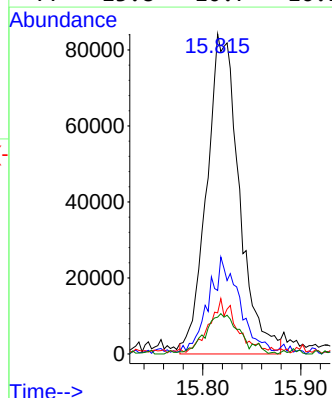
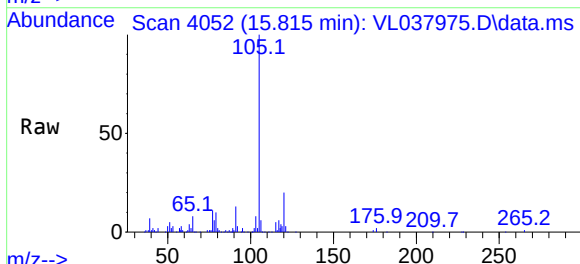
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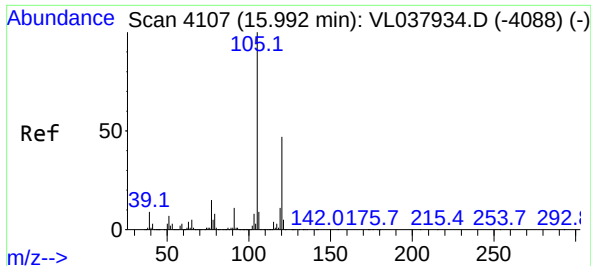
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#72
4-Ethyltoluene
Concen: 0.471 ppbv m
RT: 15.815 min Scan# 4052
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

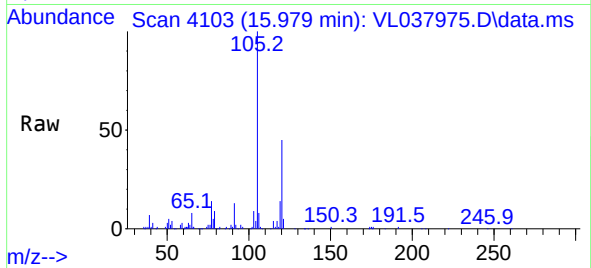
Tgt Ion:105 Resp: 193997
Ion Ratio Lower Upper
105 100
120 31.5 25.3 37.9
91 13.5 9.9 14.9
77 13.8 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.458 ppbv
RT: 15.979 min Scan# 4107
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

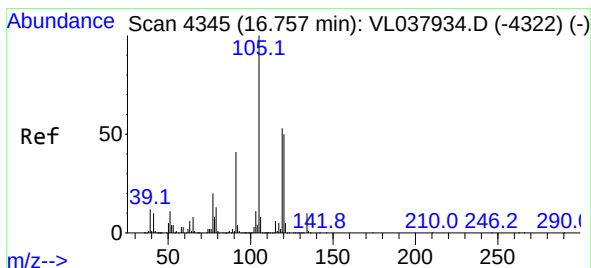
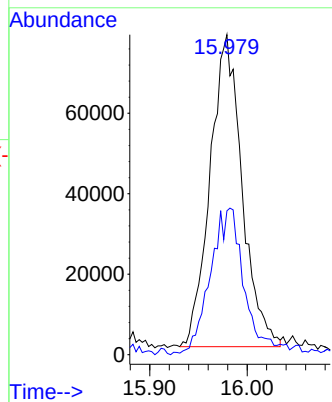
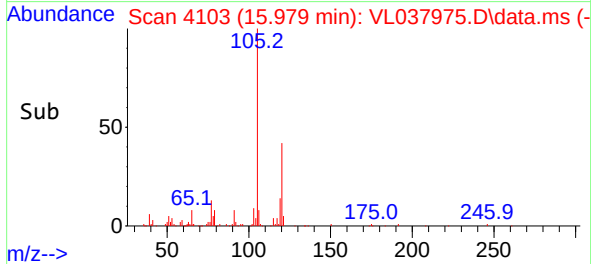
Instrument : MSVOA_L
ClientSampleId :
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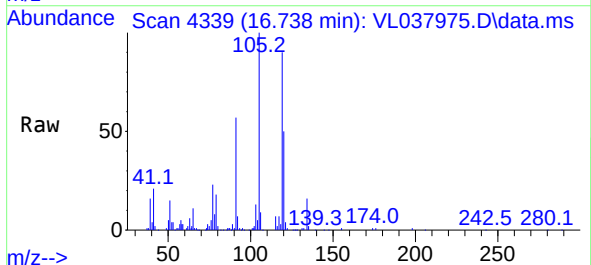
Tgt Ion:105 Resp: 17664
Ion Ratio Lower Upper
105 100
120 45.6 37.9 56.9

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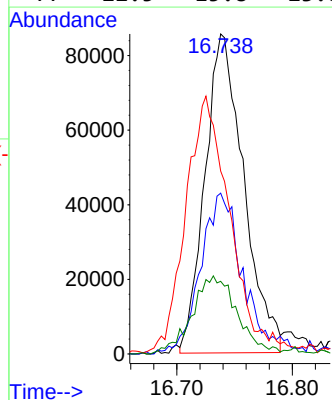
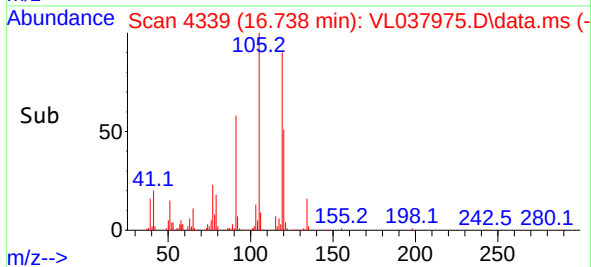
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

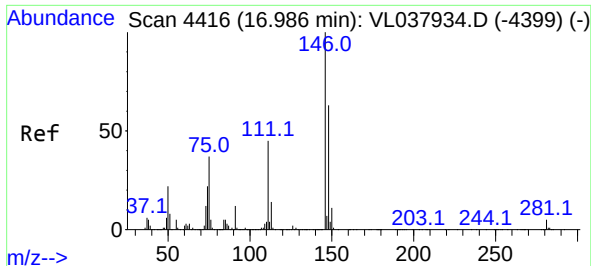


#74
1,2,4-Trimethylbenzene
Concen: 0.494 ppbv
RT: 16.738 min Scan# 4339
Delta R.T. -0.019 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



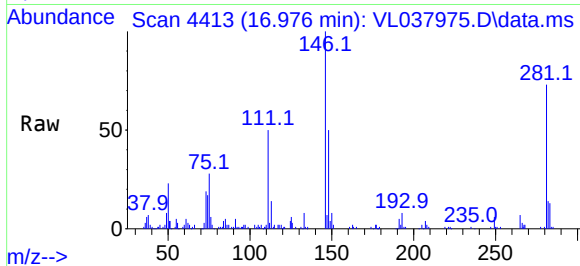
Tgt Ion:105 Resp: 199651
Ion Ratio Lower Upper
105 100
120 45.7 40.0 60.0
91 55.1 32.6 49.0#
77 22.5 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 0.546 ppbv m
RT: 16.976 min Scan# 4416
Delta R.T. -0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

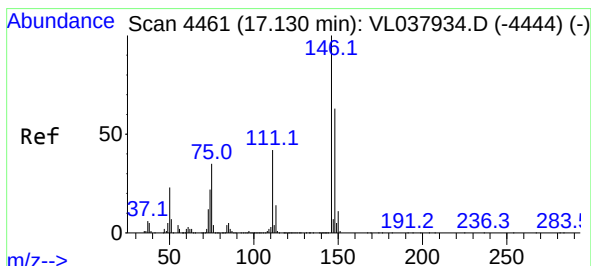
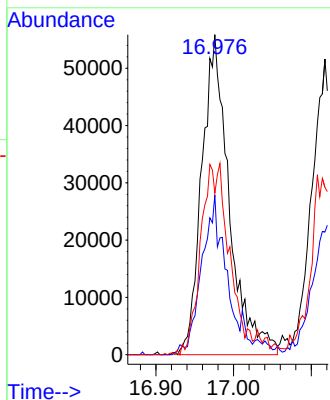
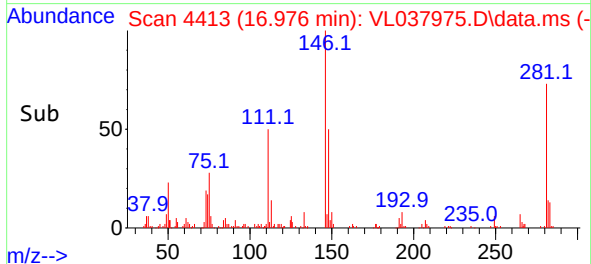
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



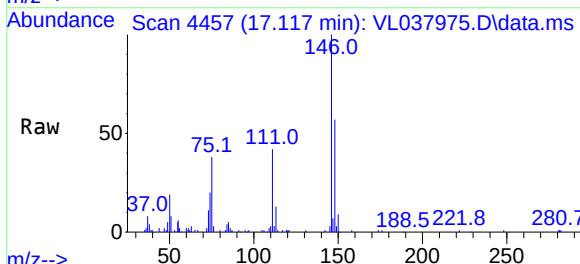
Tgt Ion:146 Resp: 137399
Ion Ratio Lower Upper
146 100
111 48.1 22.7 68.1
148 64.5 32.4 97.0

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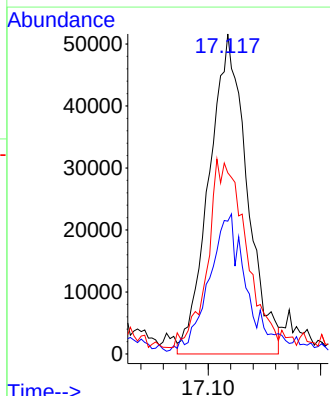
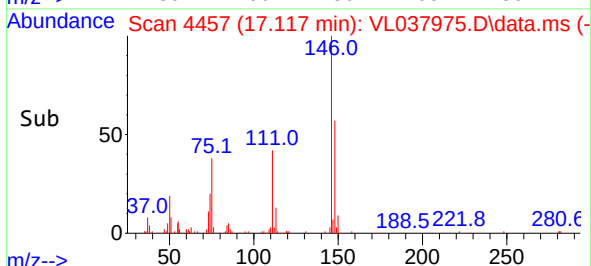
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

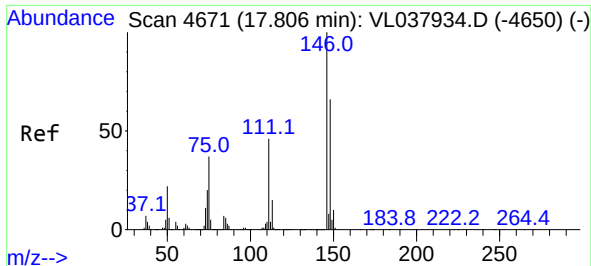


#76
1,4-Dichlorobenzene
Concen: 0.499 ppbv m
RT: 17.117 min Scan# 4457
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



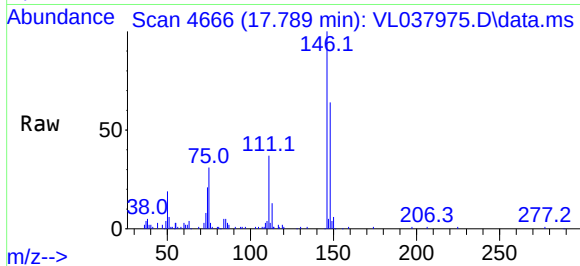
Tgt Ion:146 Resp: 121437
Ion Ratio Lower Upper
146 100
111 45.3 22.7 68.1
148 67.3 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 0.561 ppbv m
RT: 17.789 min Scan# 4666
Delta R.T. -0.016 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

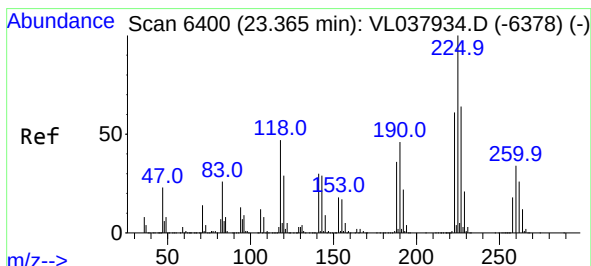
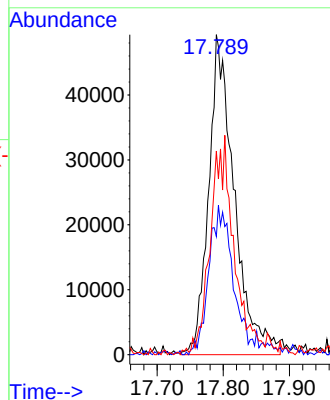
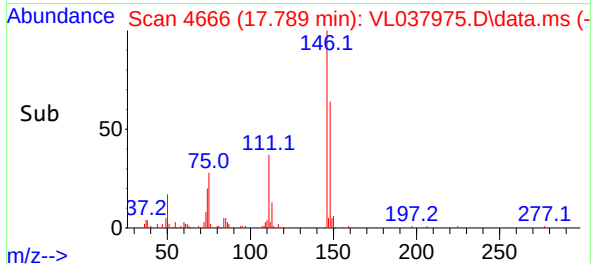
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



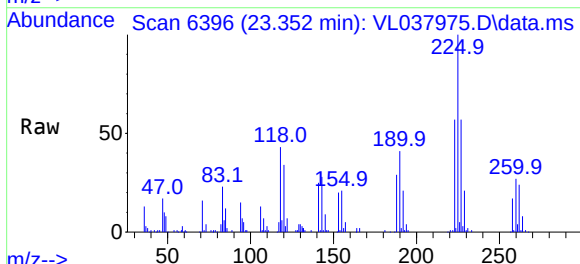
Tgt Ion:146 Resp: 13246
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.2
148 63.4 32.6 97.7

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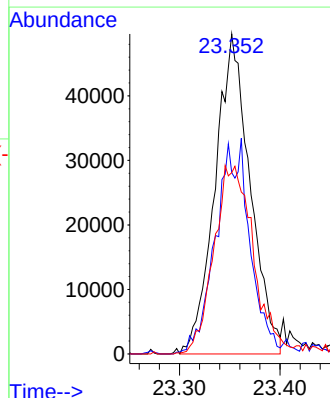
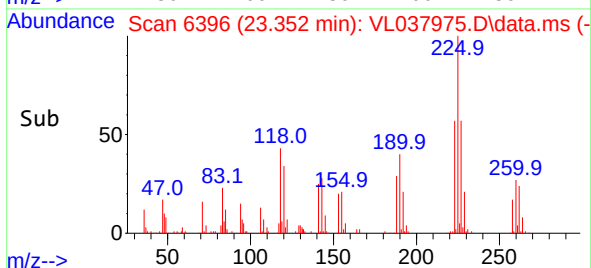
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021

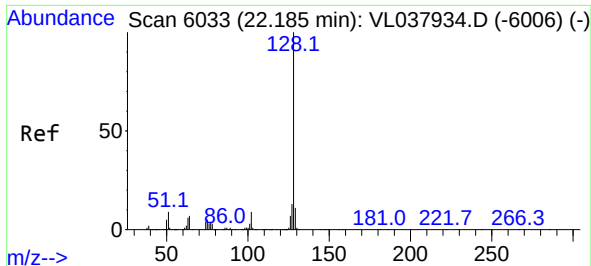


#78
Hexachloro-1,3-Butadiene
Concen: 0.595 ppbv
RT: 23.352 min Scan# 6396
Delta R.T. -0.013 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13



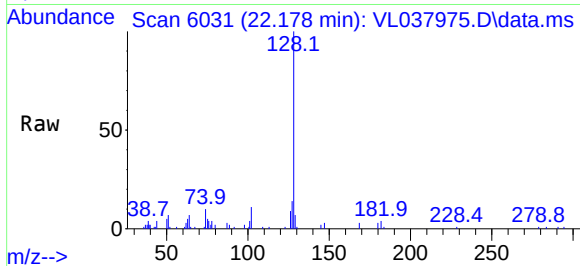
Tgt Ion:225 Resp: 120242
Ion Ratio Lower Upper
225 100
223 66.0 50.0 75.0
227 68.4 51.5 77.3





#79
Naphthalene
Concen: 0.357 ppbv m
RT: 22.178 min Scan# 6033
Delta R.T. -0.006 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

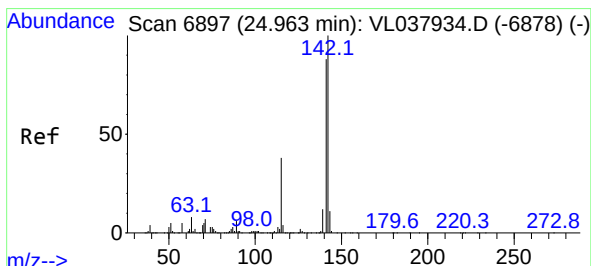
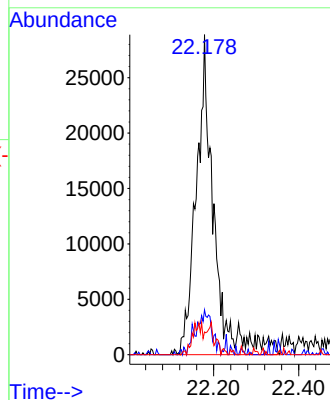
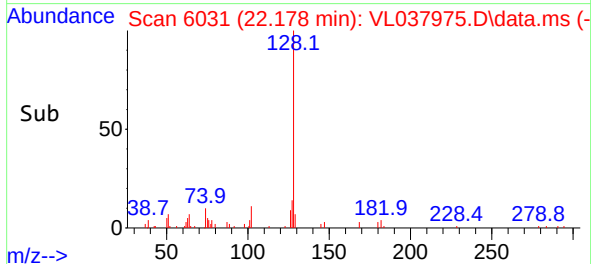
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2021



Tgt Ion:128 Resp: 82994
Ion Ratio Lower Upper
128 100
127 14.0 10.2 15.2
129 7.1 9.0 13.4

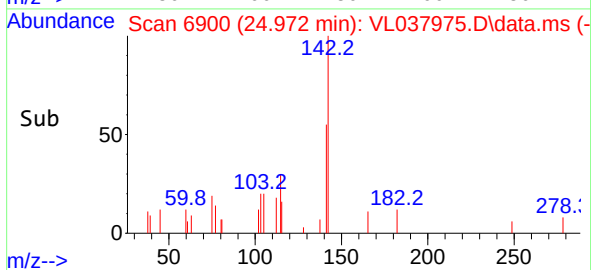
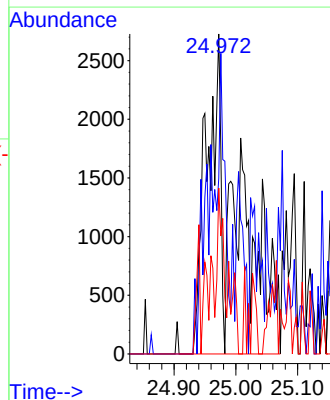
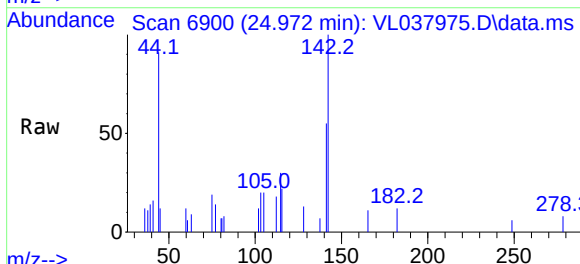
Manual Integrations
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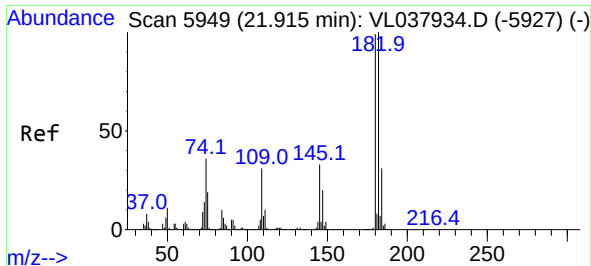
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/09/2021



#80
Naphthalene,2-methyl-
Concen: 0.206 ppbv m
RT: 24.972 min Scan# 6900
Delta R.T. 0.010 min
Lab File: VL037975.D
Acq: 2 Nov 2021 20:13

Tgt Ion:142 Resp: 9352
Ion Ratio Lower Upper
142 100
141 48.0 66.4 99.6#
115 19.8 29.0 43.4#





#81

1,2,4-Trichlorobenzene

Concen: 0.434 ppbv m

RT: 21.905 min Scan# 5946

Delta R.T. -0.010 min

Lab File: VL037975.D

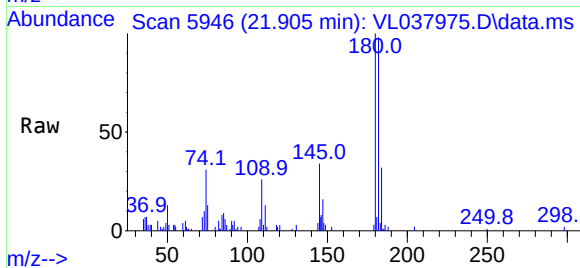
Acq: 2 Nov 2021 20:13

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2021



Tgt Ion:	180	Resp:	65790
Ion	Ratio	Lower	Upper
180	100		
182	100.0	79.3	118.9
184	32.6	25.3	37.9

Manual Integrations

APPROVED

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

