

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039244.D
 Acq On : 8 Jun 2022 21:04
 Operator : SY/AP
 Sample : N3214-14 0.1 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022

Quant Time: Jun 09 06:43:10 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 09 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

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

Internal Standards						
1) Bromochloromethane	5.677	49	1018399	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.185	114	2269540	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.095	117	1914838	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 1721502 10.875 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	32700	0.183	ppbv	91
3) Chlorodifluoromethane	2.999	51	18118	0.140	ppbv	92
4) Chloromethane	3.150	50	9227m	0.139	ppbv	
5) Vinyl Chloride	3.269	62	8151m	0.131	ppbv	
6) Bromomethane	3.478	94	3796m	0.124	ppbv	
7) Chloroethane	3.568	64	3822m	0.176	ppbv	
8) Dichlorotetrafluoroethane	3.202	85	23446	0.143	ppbv	94
9) Propene	3.025	41	9900m	0.175	ppbv	
10) Heptane	8.137	43	9956m	0.076	ppbv	
11) Trichlorofluoromethane	3.957	101	29124m	0.180	ppbv	
12) 1,1,2-Trichlorotrifluoro...	4.494	101	20380m	0.190	ppbv	
13) Ethanol	3.629	45	479m	0.155	ppbv	
14) Bromoethene	3.745	108	6986m	0.145	ppbv	
15) Acetone	3.880	43	25540m	0.241	ppbv	
16) 1,3-Butadiene	3.343	39	8305m	0.146	ppbv	
17) tert-Butyl alcohol	4.324	59	12890m	0.157	ppbv	
18) 1,1-Dichloroethene	4.301	96	9582m	0.199	ppbv	
19) Isopropyl Alcohol	3.996	45	7692m	0.155	ppbv	
20) Methylene Chloride	4.362	84	13934m	0.312	ppbv	
21) Allyl Chloride	4.423	41	11554	0.161	ppbv #	82
22) trans-1,2-Dichloroethene	4.896	96	7728m	0.167	ppbv	
23) Vinyl Acetate	5.099	43	11442m	0.130	ppbv	
24) 1,1-Dichloroethane	5.021	63	17391m	0.145	ppbv	
25) Ethyl Acetate	5.693	43	24839m	0.104	ppbv	
26) Hexane	5.700	57	11258m	0.107	ppbv	
27) Carbon Disulfide	4.571	76	15524m	0.143	ppbv	
28) Methyl tert-Butyl Ether	5.066	73	14958m	0.129	ppbv	
29) Chloroform	5.761	83	24512m	0.139	ppbv	
30) Cyclohexane	7.182	84	16677m	0.189	ppbv	
31) cis-1,2-Dichloroethene	5.562	61	11858m	0.111	ppbv	
32) 1,1,1-Trichloroethane	6.526	97	20686m	0.120	ppbv	
34) 2-Butanone	5.266	43	15867m	0.129	ppbv	
35) Carbon Tetrachloride	7.034	117	21799m	0.132	ppbv	
36) Benzene	6.902	78	18871m	0.102	ppbv	
37) 1,2-Dichloroethane	6.317	62	18304m	0.151	ppbv	
38) Trichloroethene	7.848	130	9415m	0.111	ppbv	
39) 1,2-Dichloropropane	7.623	63	9201m	0.126	ppbv	
40) 1,4-Dioxane	7.886	88	2496m	0.103	ppbv	
41) Tetrahydrofuran	6.079	42	7469m	0.101	ppbv	
42) Bromodichloromethane	7.803	83	19252m	0.114	ppbv	
43) Methyl Methacrylate	8.037	69	6971m	0.097	ppbv	
44) 2,2,4-Trimethylpentane	7.883	57	32300m	0.100	ppbv	
45) t-1,3-Dichloropropene	9.288	75	5558m	0.074	ppbv	

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 06:43:10 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	9285m	0.094	ppbv	
47) 1,1,2-Trichloroethane	9.484	97	8830m	0.115	ppbv	
48) Dibromochloromethane	10.317	129	11567m	0.085	ppbv	
49) Bromoform	13.050	173	8442m	0.074	ppbv	
50) 4-Methyl-2-Pentanone	8.787	43	16811m	0.091	ppbv	
51) 2-Hexanone	10.198	43	10798m	0.075	ppbv	
52) Tetrachloroethene	11.237	164	6765m	0.094	ppbv	
53) Toluene	9.809	91	19493m	0.092	ppbv	
54) 1,2-Dibromoethane	10.632	107	10935m	0.106	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.140	131	10843m	0.120	ppbv	
57) Chlorobenzene	12.150	112	16188m	0.112	ppbv	
58) Ethyl Benzene	12.716	91	25937m	0.098	ppbv	
59) m/p-Xylene	12.999	91	46207m	0.199	ppbv	
60) o-Xylene	13.700	91	20222m	0.093	ppbv	
61) Styrene	13.529	104	10575m	0.090	ppbv	
62) Isopropylbenzene	14.677	105	34134m	0.105	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.693	83	13826m	0.113	ppbv	
64) n-propylbenzene	15.574	120	7139m	0.090	ppbv	
65) tert-Butylbenzene	16.754	119	26901m	0.091	ppbv	
66) Benzyl Chloride	17.015	91	2774m	0.072	ppbv	
67) sec-Butylbenzene	17.304	105	36503m	0.090	ppbv	
69) p-Isopropyltoluene	17.661	119	27087m	0.079	ppbv	
70) n-Butylbenzene	18.568	91	29053m	0.083	ppbv	
71) 2-Chlorotoluene	15.458	91	26711m	0.108	ppbv	
72) 4-Ethyltoluene	15.847	105	23698m	0.093	ppbv	
73) 1,3,5-Trimethylbenzene	16.008	105	20185m	0.087	ppbv	
74) 1,2,4-Trimethylbenzene	16.764	105	20785m	0.081	ppbv	
75) 1,3-Dichlorobenzene	17.005	146	15548m	0.107	ppbv	
76) 1,4-Dichlorobenzene	17.143	146	13153m	0.090	ppbv	
77) 1,2-Dichlorobenzene	17.825	146	15228m	0.104	ppbv	
78) Hexachloro-1,3-Butadiene	23.374	225	17126m	0.128	ppbv	
79) Naphthalene	22.207	128	12800m	0.065	ppbv	
81) 1,2,4-Trichlorobenzene	21.931	180	8913m	0.071	ppbv	

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

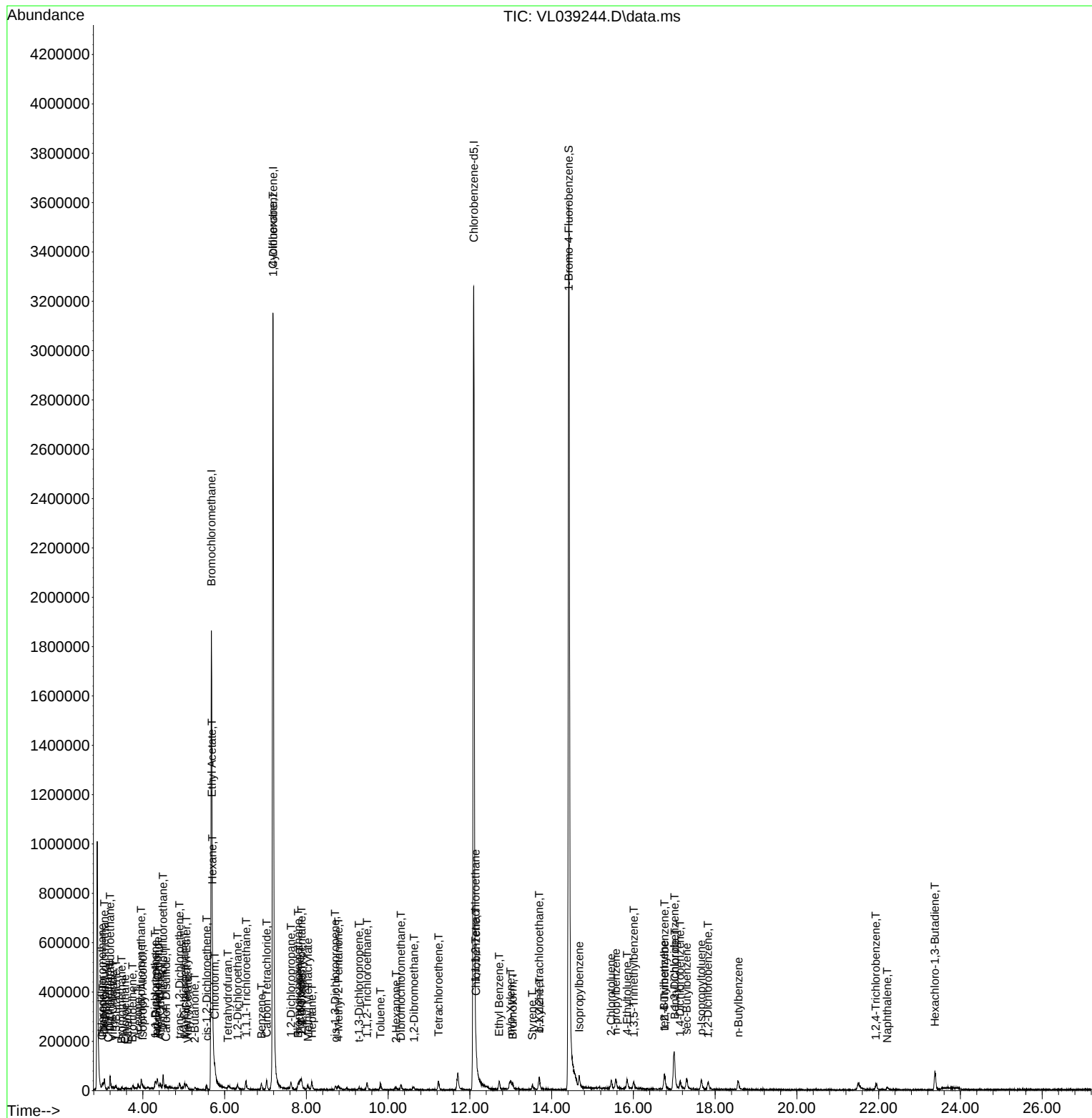
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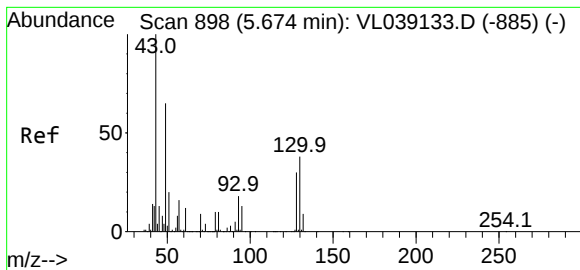
Instrument :
MSVOA_L
ClientSampleId :
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
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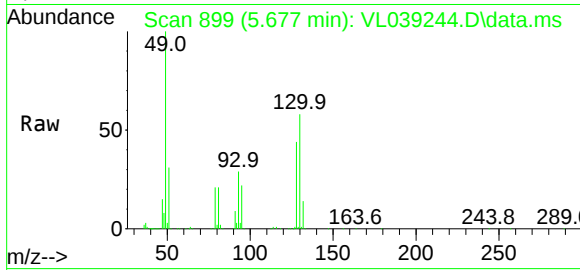
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

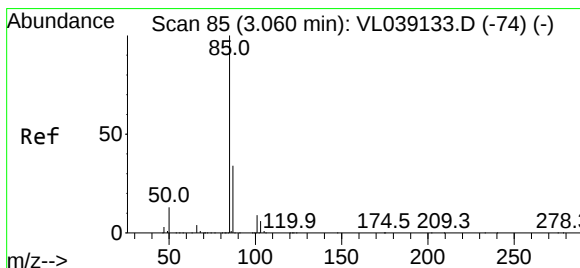
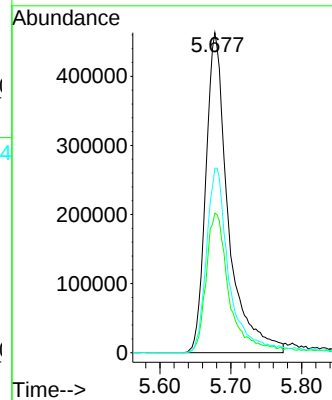
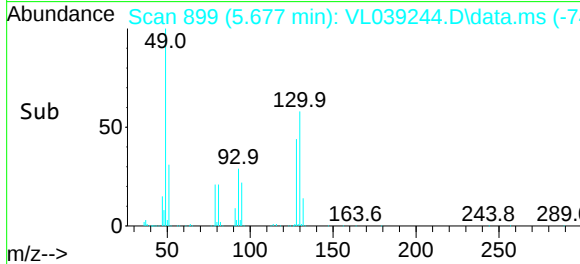
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



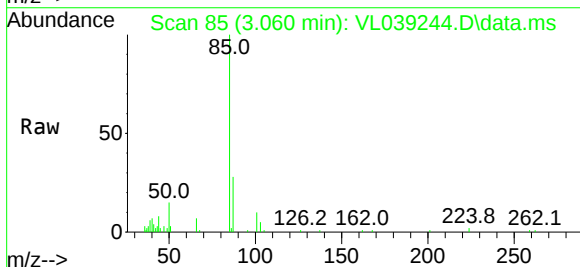
Tgt Ion: 49 Resp: 101839
Ion Ratio Lower Upper
49 100
128 47.0 24.7 74.1
130 60.1 31.4 94.0

Manual Integrations
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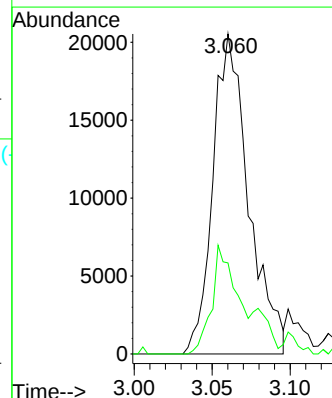
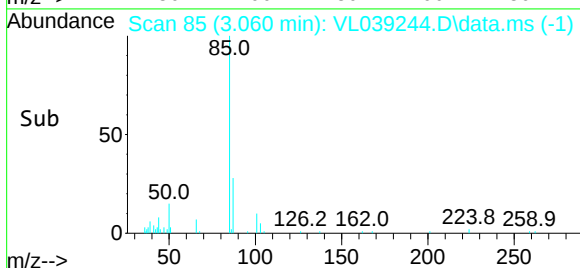
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

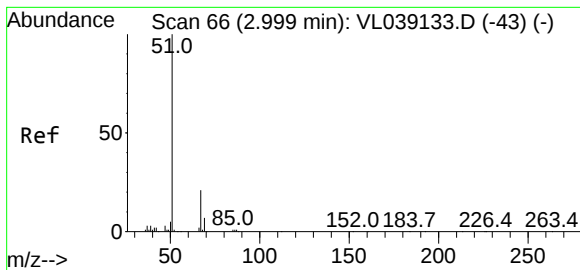


#2
Dichlorodifluoromethane
Concen: 0.183 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



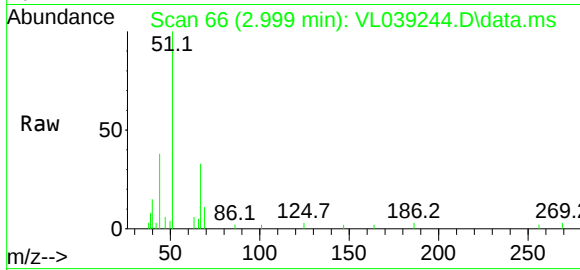
Tgt Ion: 85 Resp: 32700
Ion Ratio Lower Upper
85 100
87 28.5 26.9 40.3





#3
Chlorodifluoromethane
Concen: 0.140 ppbv
RT: 2.999 min Scan# 66
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

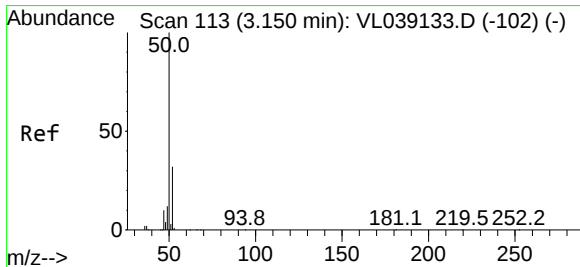
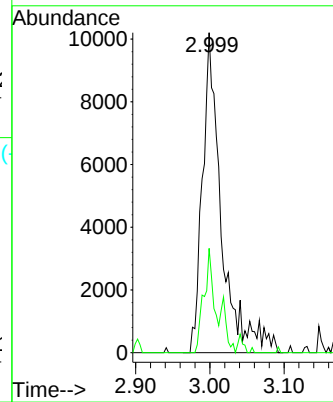
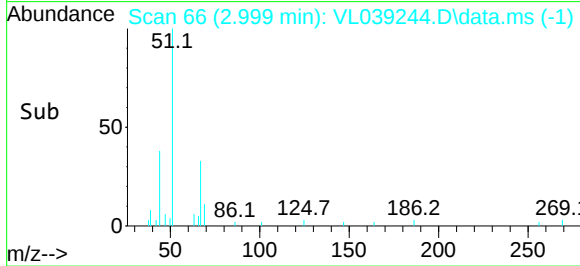
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 51 Resp: 18118
Ion Ratio Lower Upper
51 100
67 24.0 16.2 24.4

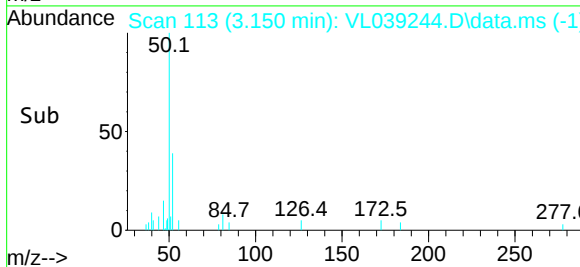
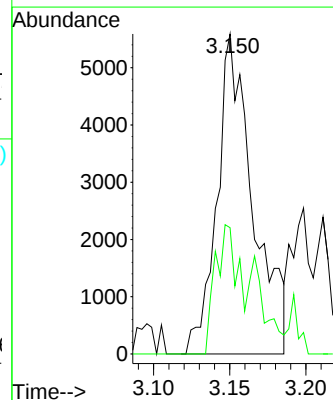
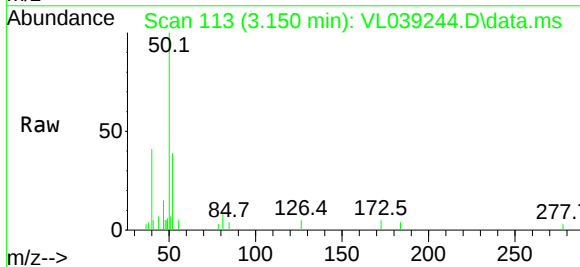
Manual Integrations
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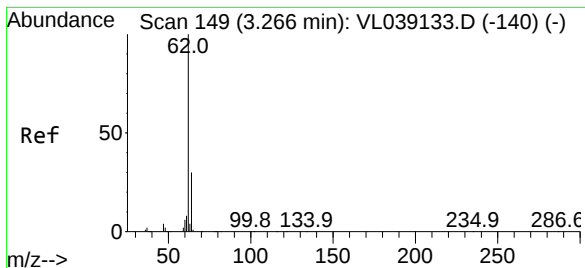
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Chloromethane
Concen: 0.139 ppbv m
RT: 3.150 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

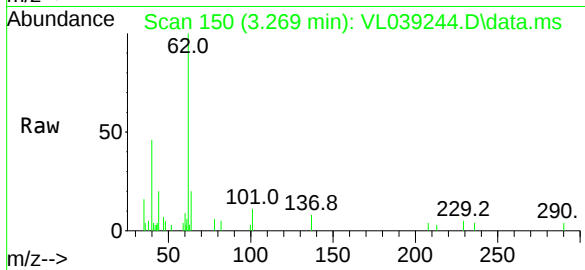
Tgt Ion: 50 Resp: 9227
Ion Ratio Lower Upper
50 100
52 39.5 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.131 ppbv m
 RT: 3.269 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

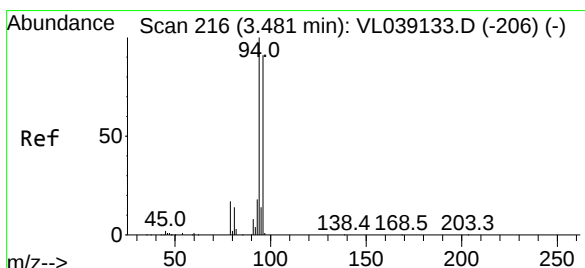
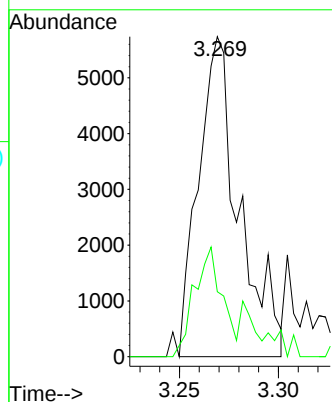
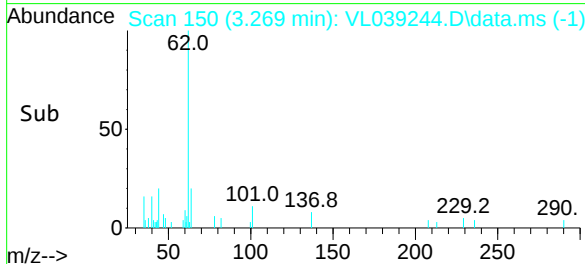
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 62 Resp: 815
 Ion Ratio Lower Upper
 62 100
 64 20.3 24.2 36.2

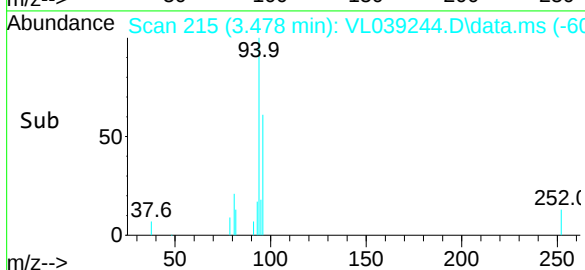
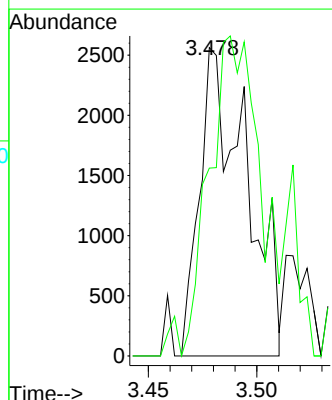
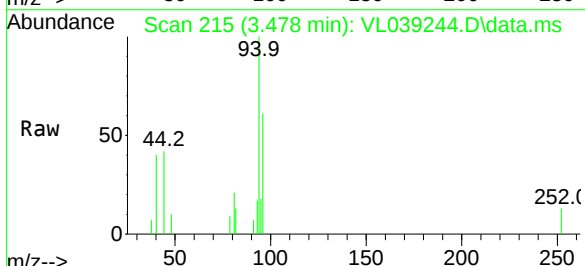
Manual Integrations
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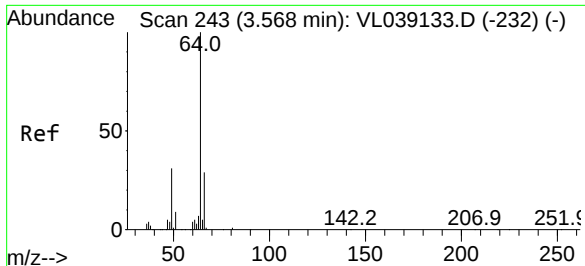
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#6
 Bromomethane
 Concen: 0.124 ppbv m
 RT: 3.478 min Scan# 215
 Delta R.T. -0.003 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

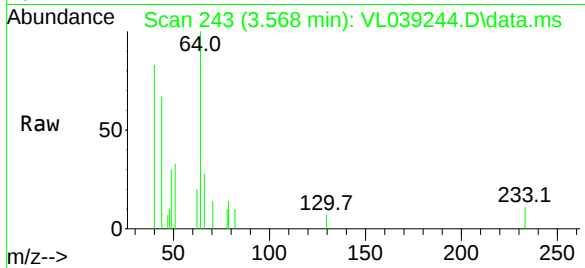
Tgt Ion: 94 Resp: 3796
 Ion Ratio Lower Upper
 94 100
 96 60.9 73.0 109.4





#7
Chloroethane
Concen: 0.176 ppbv m
RT: 3.568 min Scan# 243
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

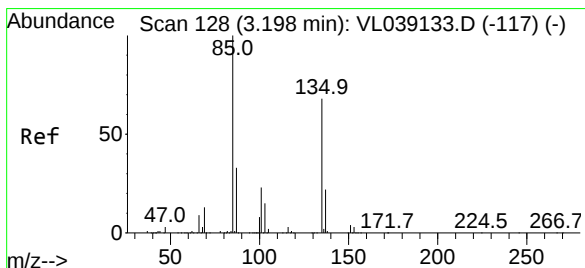
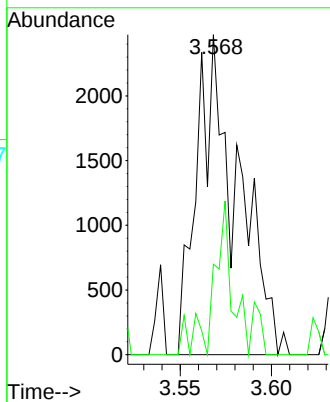
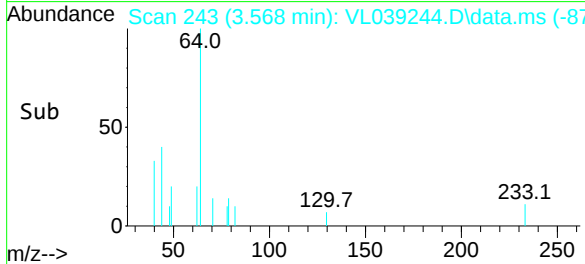
Instrument :
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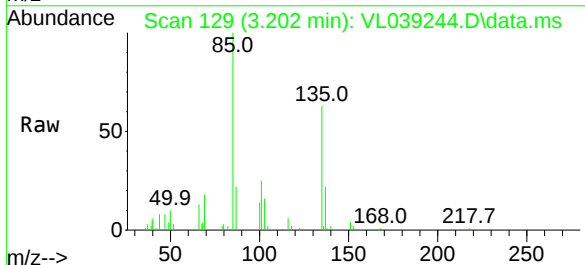
Tgt Ion: 64 Resp: 382
Ion Ratio Lower Upper
64 100
66 28.3 23.6 35.4

Manual Integrations
APPROVED

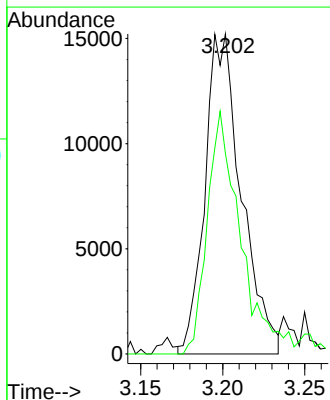
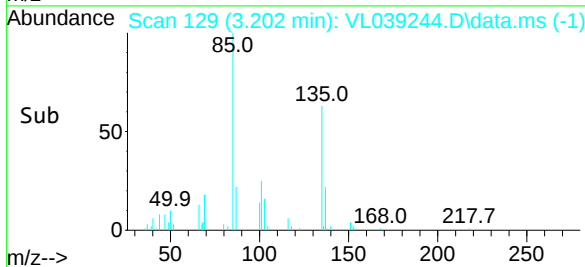
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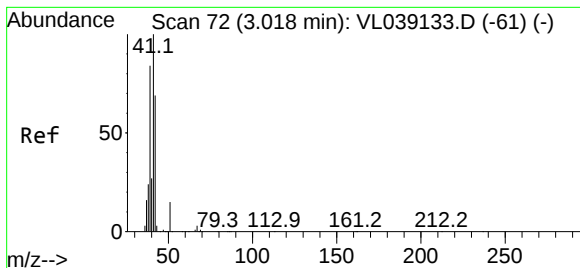


#8
Dichlorotetrafluoroethane
Concen: 0.143 ppbv
RT: 3.202 min Scan# 129
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



Tgt Ion: 85 Resp: 23446
Ion Ratio Lower Upper
85 100
135 73.8 55.0 82.4





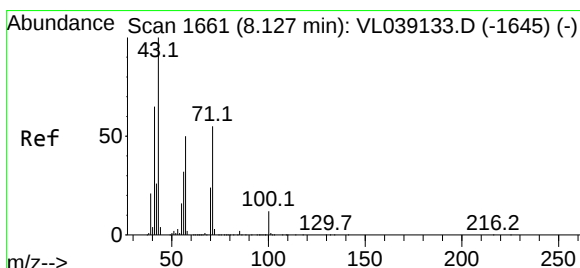
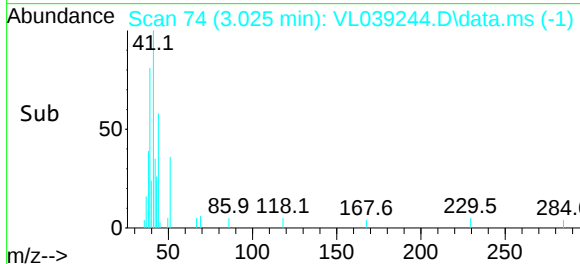
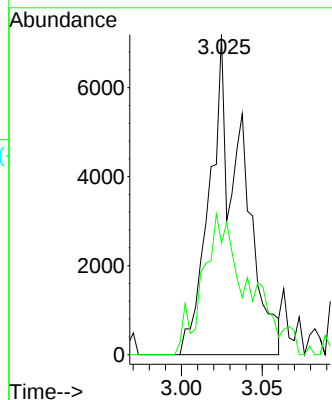
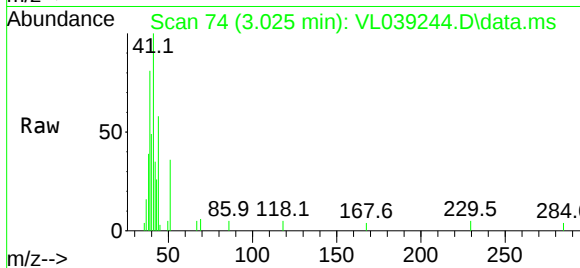
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 Propene
 Concen: 0.175 ppbv m
 RT: 3.025 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022

Tgt Ion: 41 Resp: 9900
 Ion Ratio Lower Upper
 41 100
 42 66.2 55.4 83.2

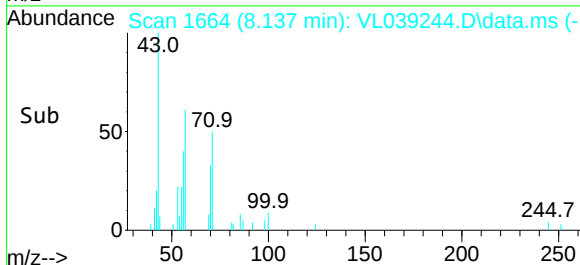
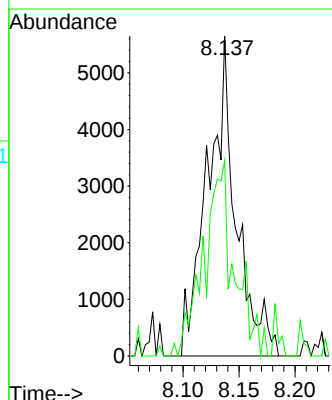
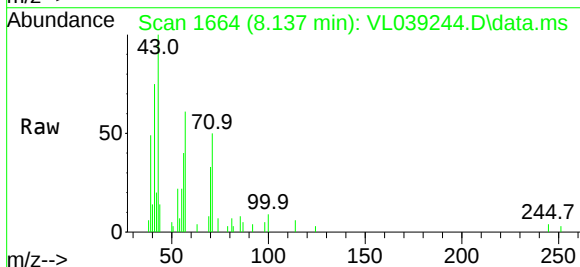
Manual Integrations
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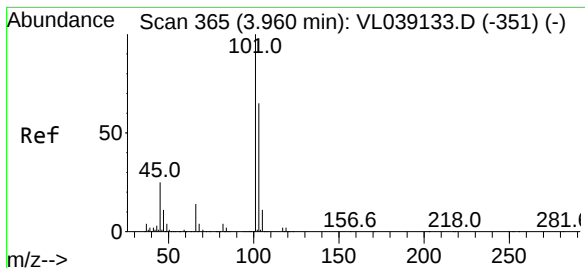
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#10
 Heptane
 Concen: 0.076 ppbv m
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.010 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

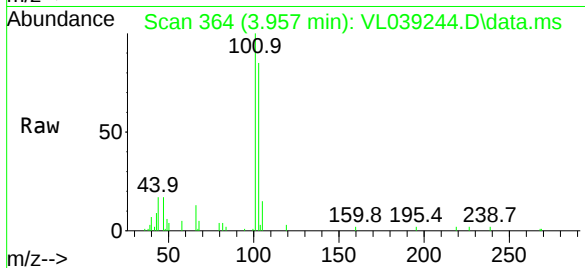
Tgt Ion: 43 Resp: 9956
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.4 62.2#





#11
Trichlorofluoromethane
Concen: 0.180 ppbv m
RT: 3.957 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

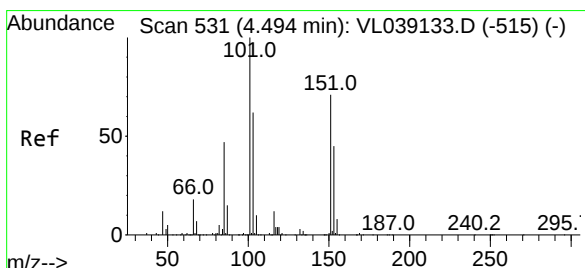
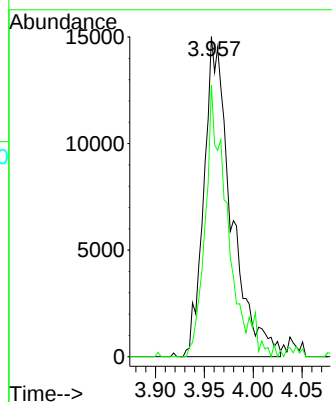
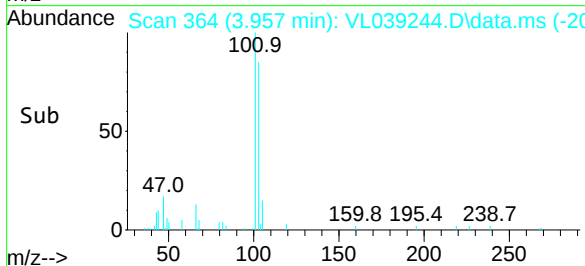
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion:101 Resp: 29124
Ion Ratio Lower Upper
101 100
103 84.8 51.7 77.5

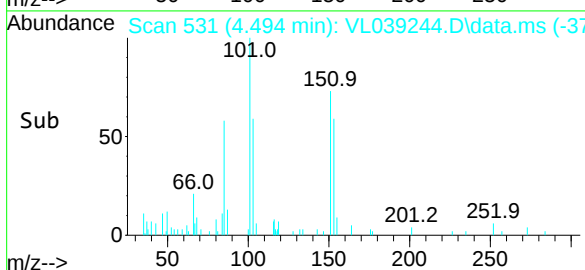
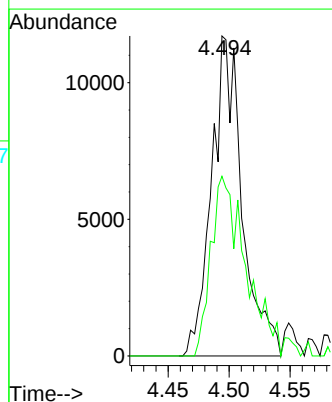
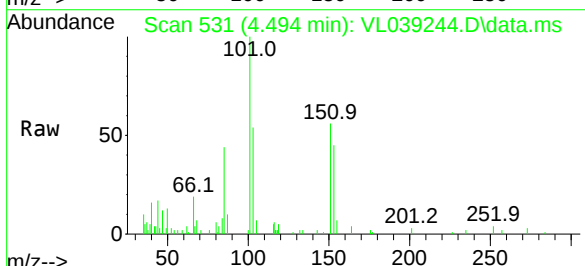
Manual Integrations
APPROVED

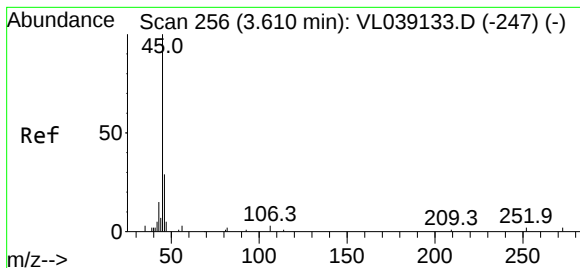
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.190 ppbv m
RT: 4.494 min Scan# 531
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

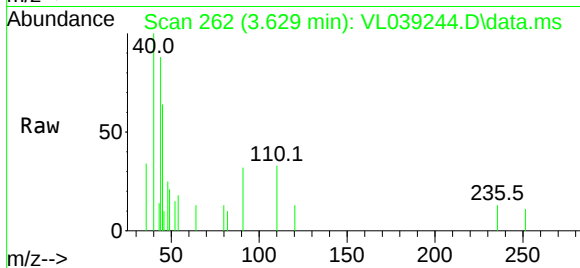
Tgt Ion:101 Resp: 20380
Ion Ratio Lower Upper
101 100
151 66.6 59.4 89.0





#13
Ethanol
Concen: 0.155 ppbv m
RT: 3.629 min Scan# 247
Delta R.T. 0.019 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

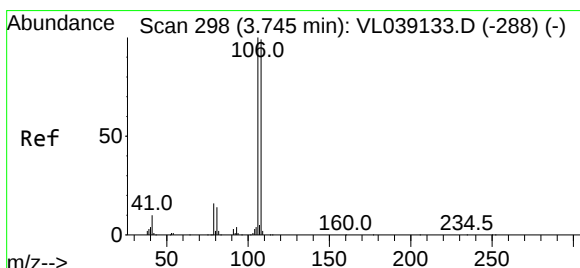
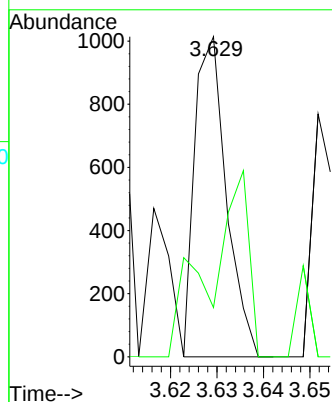
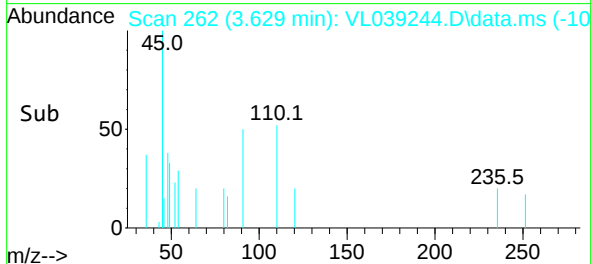
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



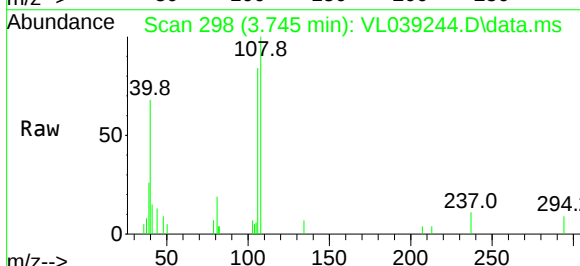
Tgt Ion: 45 Resp: 479
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

Manual Integrations
APPROVED

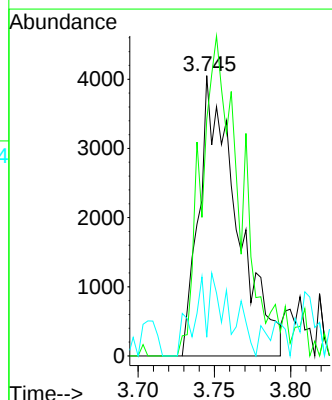
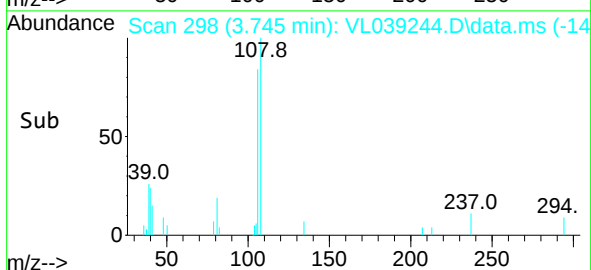
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

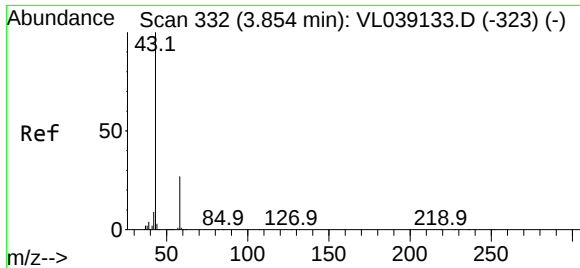


#14
Bromoethene
Concen: 0.145 ppbv m
RT: 3.745 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



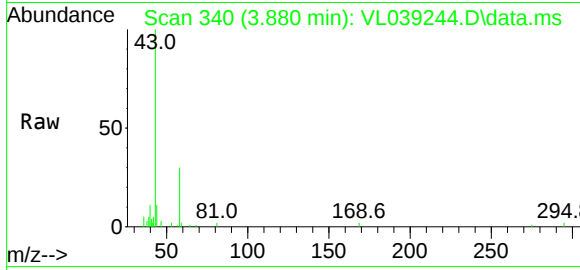
Tgt Ion:108 Resp: 6986
Ion Ratio Lower Upper
108 100
106 125.8 88.4 132.6
79 33.0 13.4 20.2#





#15
Acetone
Concen: 0.241 ppbv m
RT: 3.880 min Scan# 341
Delta R.T. 0.026 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

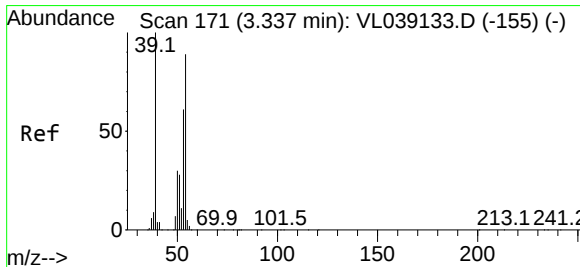
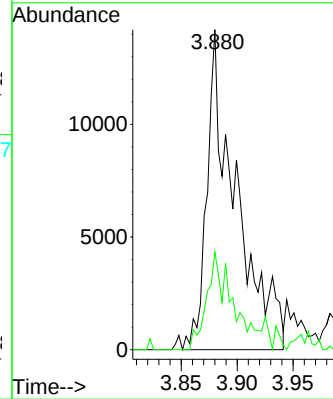
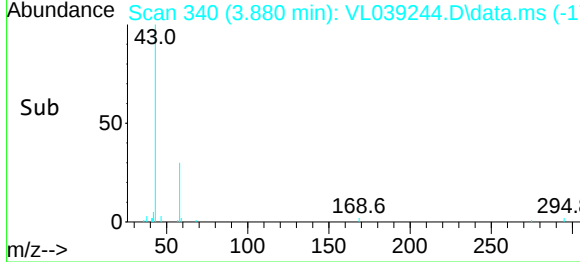
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 25540
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7

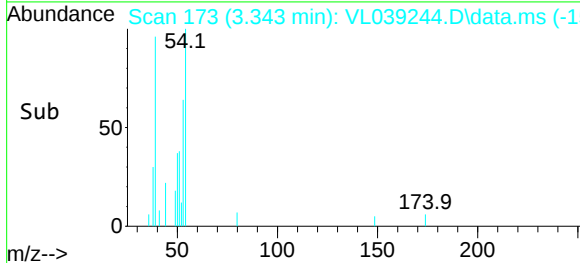
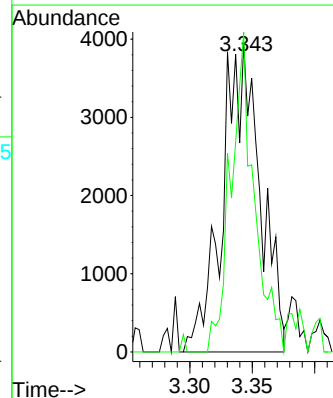
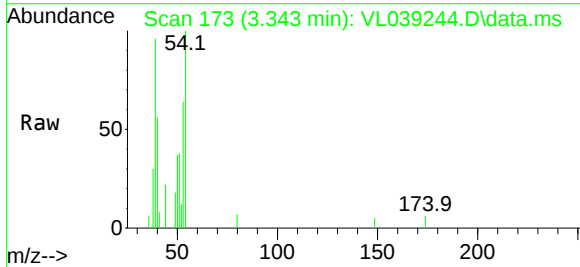
Manual Integrations
APPROVED

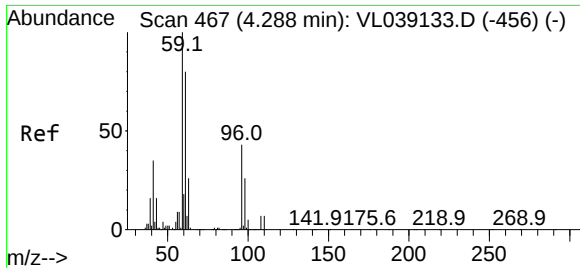
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
1,3-Butadiene
Concen: 0.146 ppbv m
RT: 3.343 min Scan# 173
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

Tgt Ion: 39 Resp: 8305
Ion Ratio Lower Upper
39 100
54 71.5 65.8 98.6





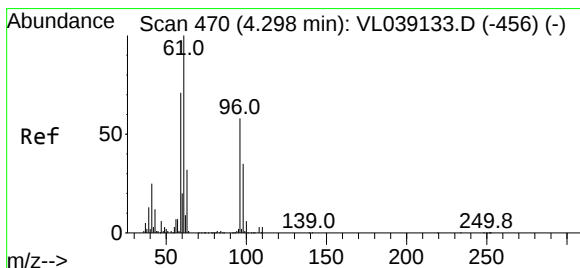
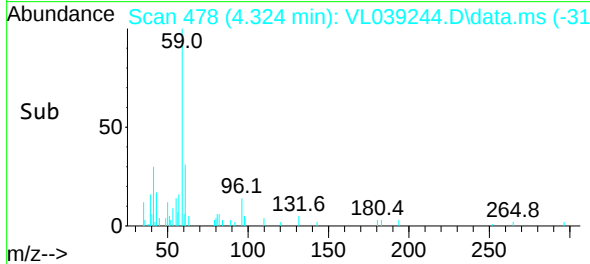
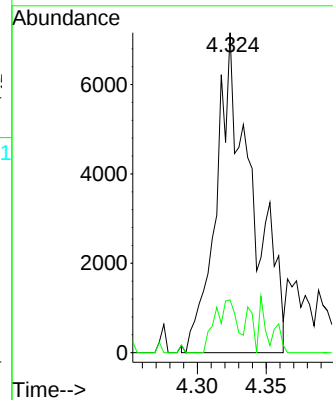
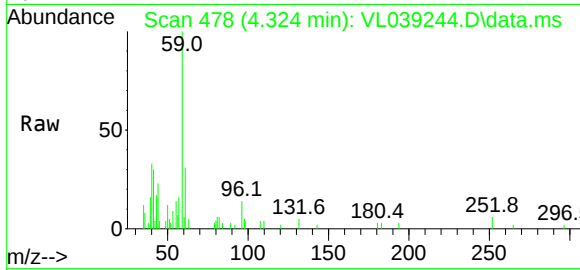
#17
tert-Butyl alcohol
Concen: 0.157 ppbv m
RT: 4.324 min Scan# 41
Delta R.T. 0.035 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 59 Resp: 12890
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7

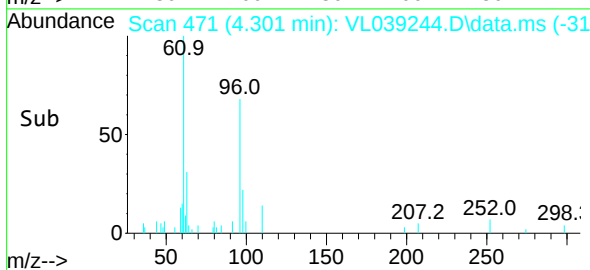
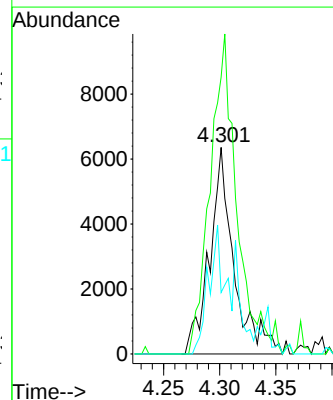
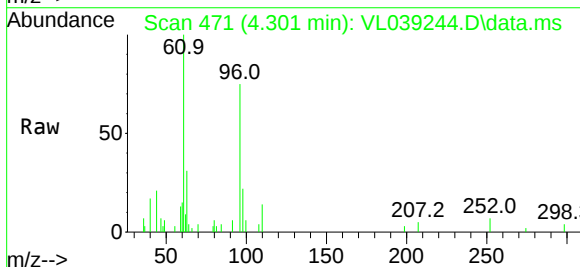
Manual Integrations
APPROVED

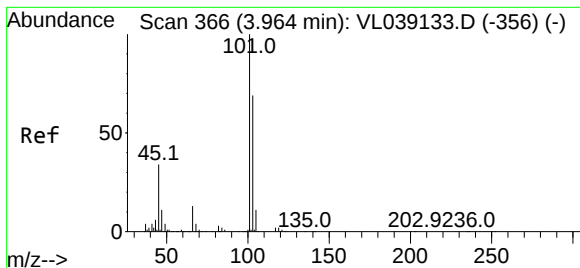
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#18
1,1-Dichloroethene
Concen: 0.199 ppbv m
RT: 4.301 min Scan# 471
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

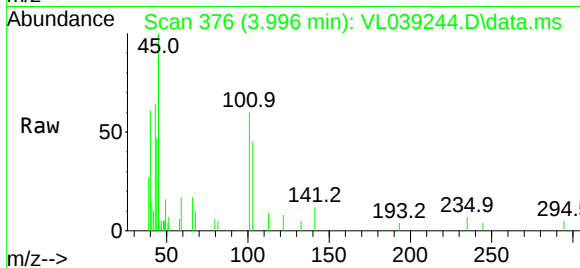
Tgt Ion: 96 Resp: 9582
Ion Ratio Lower Upper
96 100
61 134.0 138.4 207.6#
98 29.8 47.8 71.8#





#19
Isopropyl Alcohol
Concen: 0.155 ppbv m
RT: 3.996 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

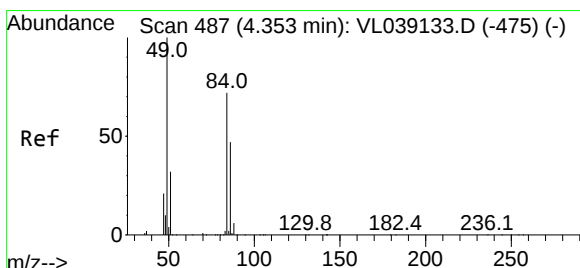
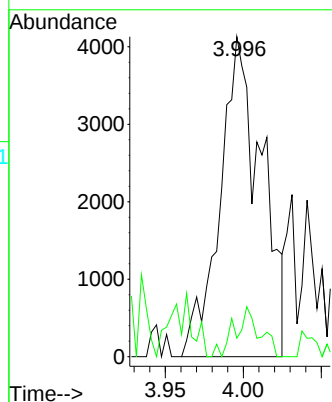
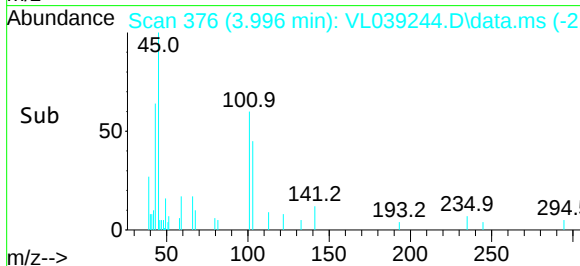
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



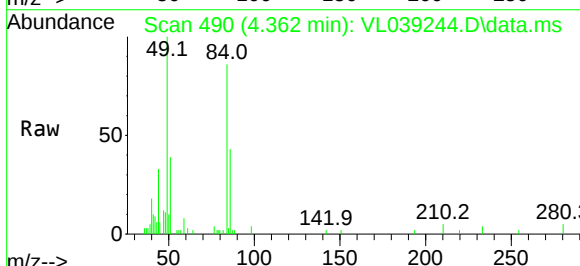
Tgt Ion: 45 Resp: 7692
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

Manual Integrations
APPROVED

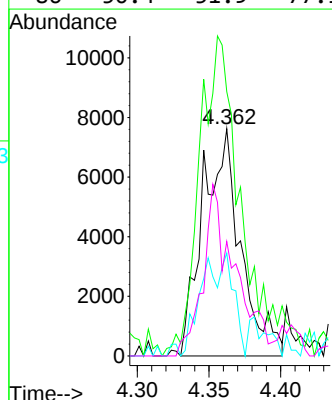
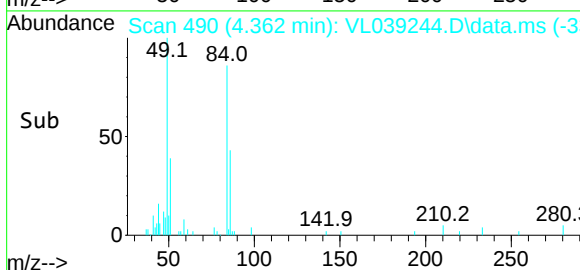
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

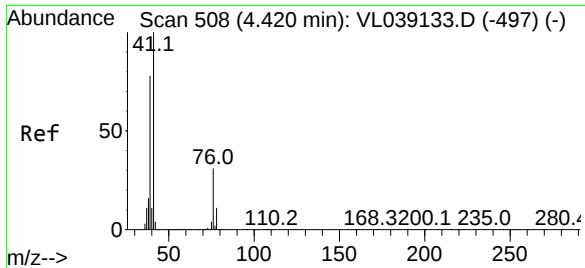


#20
Methylene Chloride
Concen: 0.312 ppbv m
RT: 4.362 min Scan# 490
Delta R.T. 0.010 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



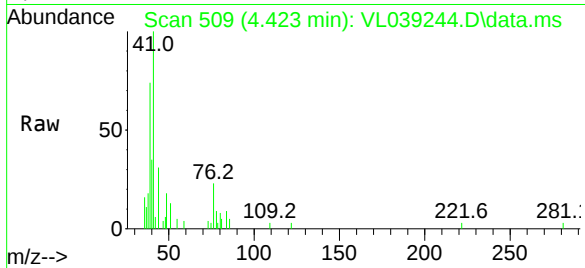
Tgt Ion: 84 Resp: 13934
Ion Ratio Lower Upper
84 100
49 116.3 111.1 166.7
51 45.3 35.3 52.9
86 50.4 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.161 ppbv
 RT: 4.423 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

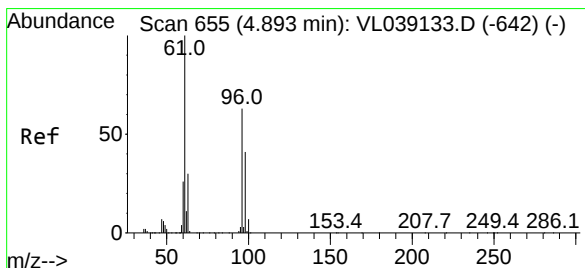
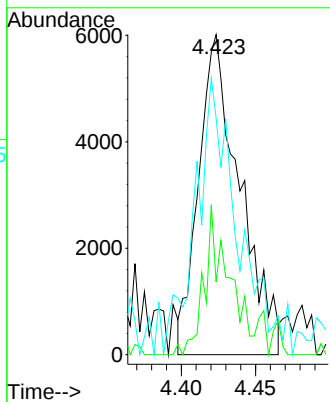
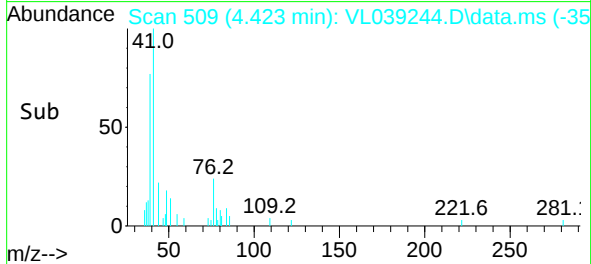
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



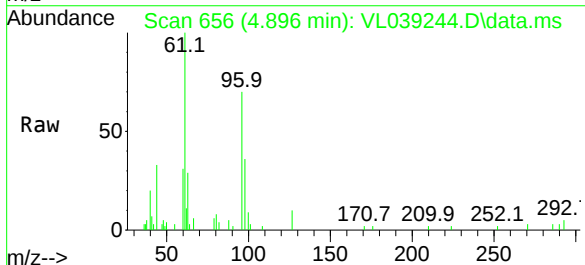
Tgt Ion: 41 Resp: 11554
 Ion Ratio Lower Upper
 41 100
 76 32.5 24.2 36.2
 39 98.4 62.2 93.2

Manual Integrations
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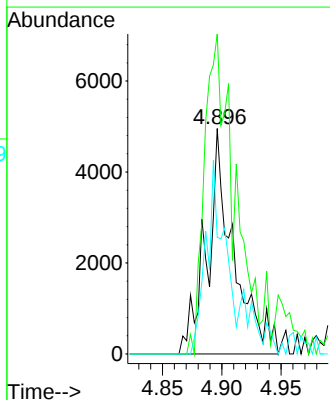
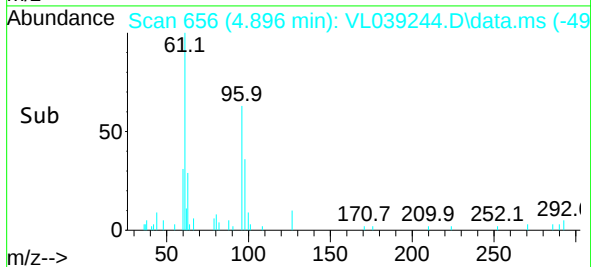
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

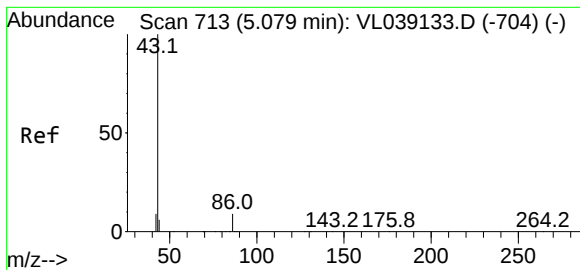


#22
 trans-1,2-Dichloroethene
 Concen: 0.167 ppbv m
 RT: 4.896 min Scan# 656
 Delta R.T. 0.003 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04



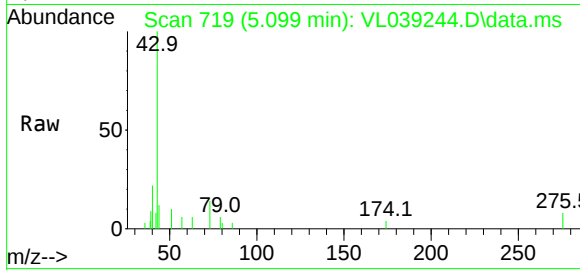
Tgt Ion: 96 Resp: 7728
 Ion Ratio Lower Upper
 96 100
 61 142.0 126.6 190.0
 98 51.7 52.5 78.7





#23
 Vinyl Acetate
 Concen: 0.130 ppbv m
 RT: 5.099 min Scan# 713
 Delta R.T. 0.019 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

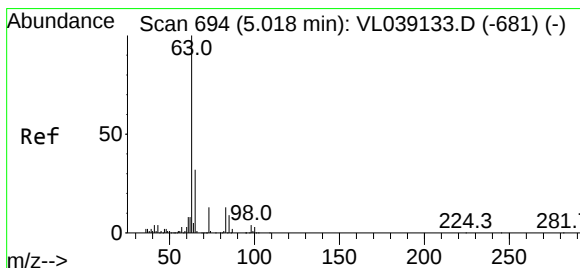
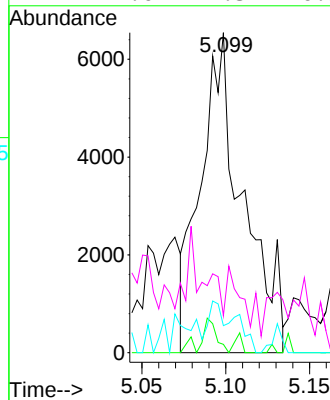
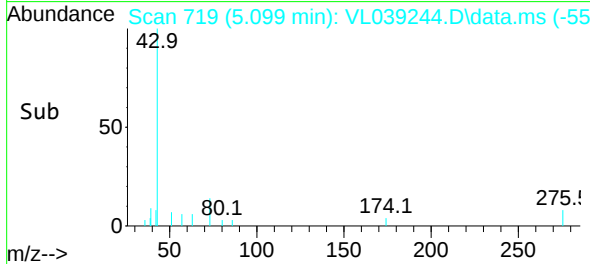
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 1144
 Ion Ratio Lower Upper
 43 100
 86 2.6 6.0 9.0
 42 8.5 8.2 12.4
 44 11.6 4.3 6.5#

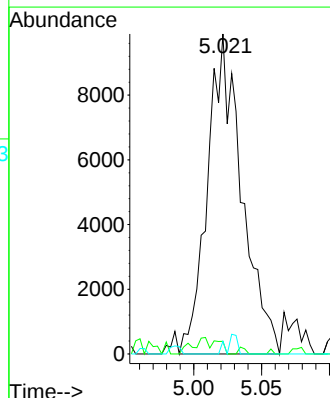
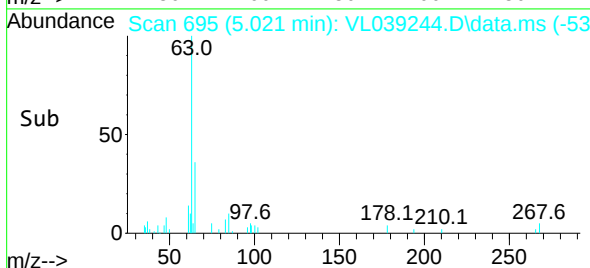
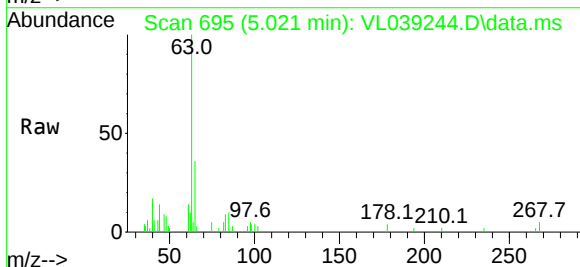
Manual Integrations
 APPROVED

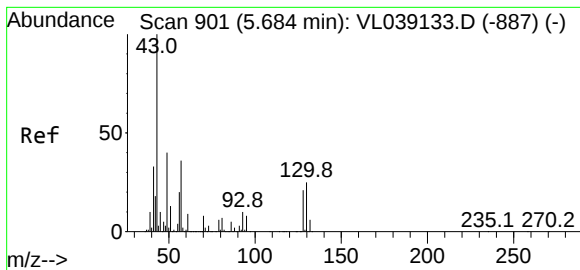
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#24
 1,1-Dichloroethane
 Concen: 0.145 ppbv m
 RT: 5.021 min Scan# 695
 Delta R.T. 0.003 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

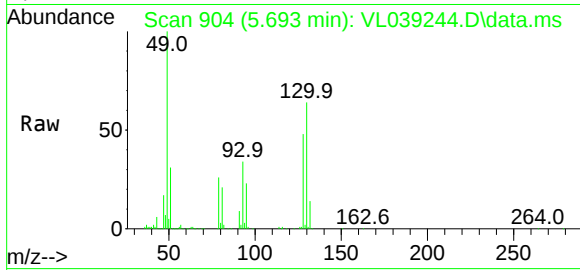
Tgt Ion: 63 Resp: 17391
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 4.0 1.5 4.5





#25
Ethyl Acetate
Concen: 0.104 ppbv m
RT: 5.693 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

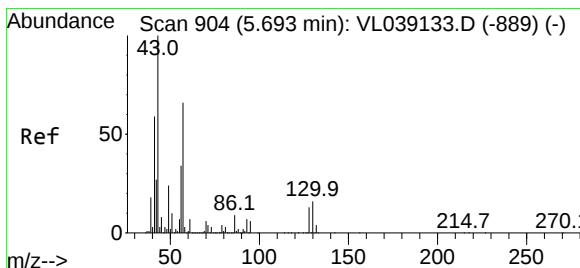
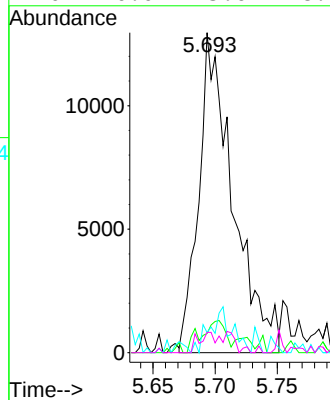
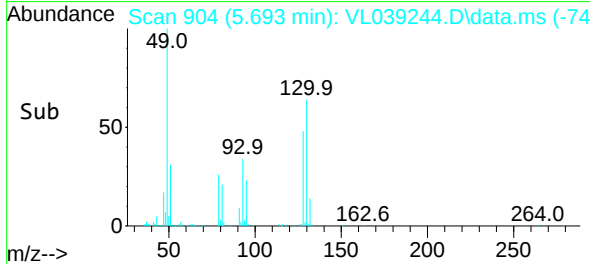
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 24839
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.2
61 0.0 8.4 12.6
70 0.0 5.6 8.4#

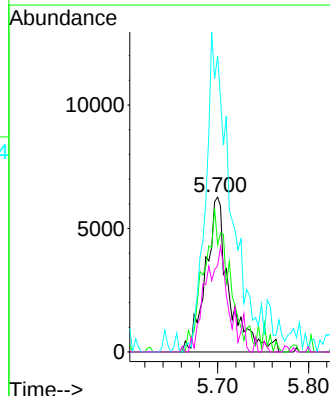
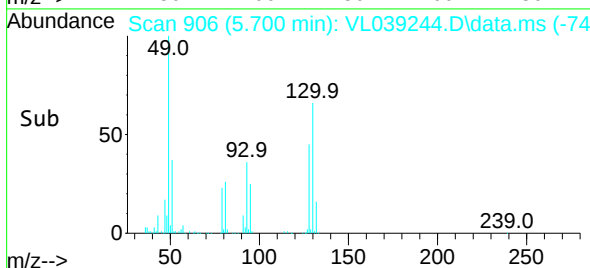
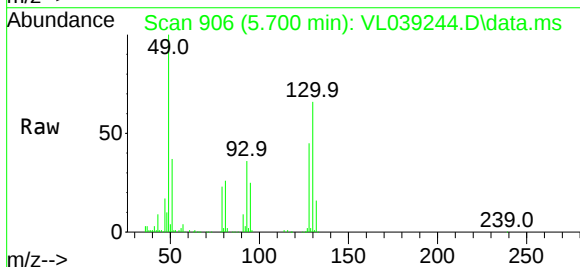
Manual Integrations
APPROVED

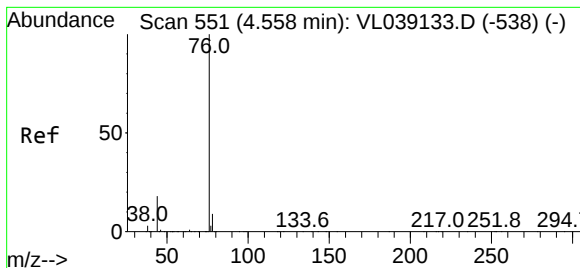
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#26
Hexane
Concen: 0.107 ppbv m
RT: 5.700 min Scan# 906
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

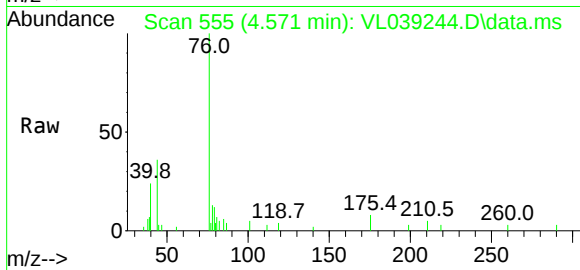
Tgt Ion: 57 Resp: 11258
Ion Ratio Lower Upper
57 100
41 106.9 72.4 108.6
43 242.6 187.0 280.6
56 68.6 41.8 62.6#





#27
Carbon Disulfide
Concen: 0.143 ppbv m
RT: 4.571 min Scan# 511
Delta R.T. 0.013 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

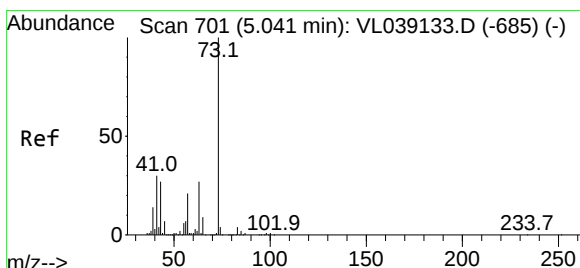
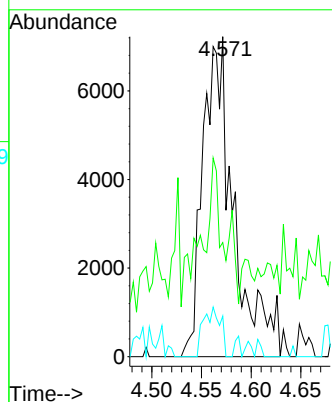
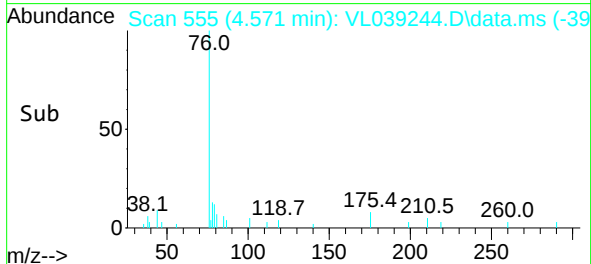
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 76 Resp: 15524
Ion Ratio Lower Upper
76 100
44 46.9 14.4 21.6
78 9.6 7.7 11.5

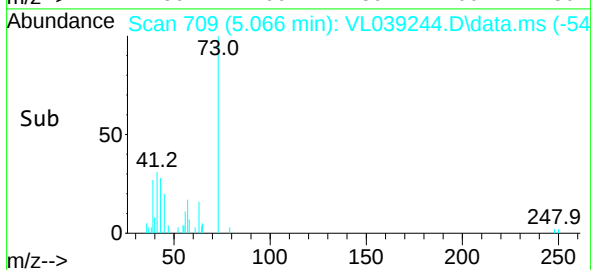
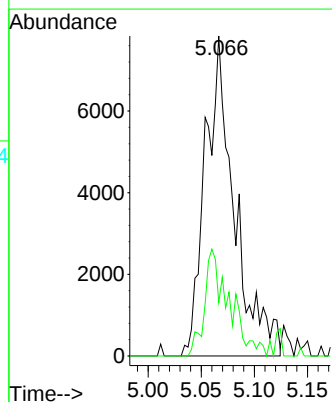
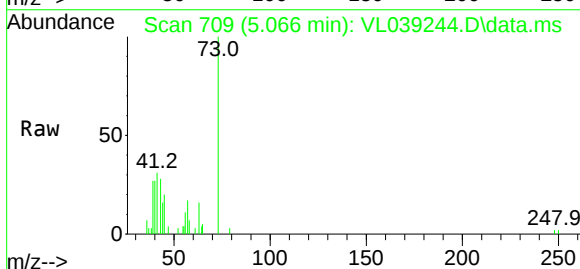
Manual Integrations
APPROVED

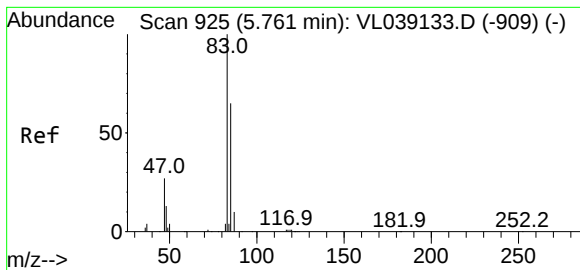
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#28
Methyl tert-Butyl Ether
Concen: 0.129 ppbv m
RT: 5.066 min Scan# 709
Delta R.T. 0.026 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

Tgt Ion: 73 Resp: 14958
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8#





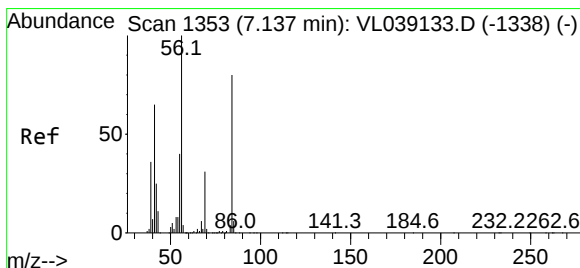
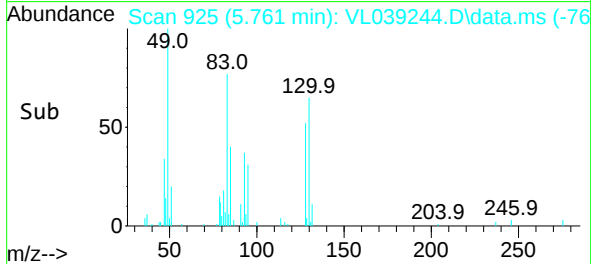
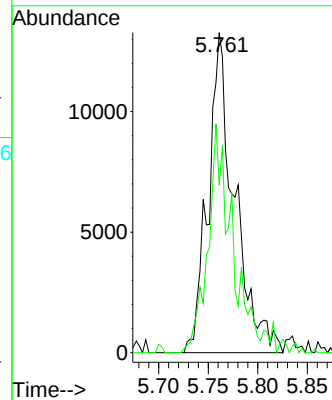
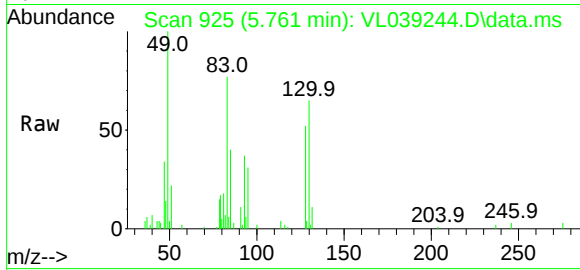
#29
Chloroform
Concen: 0.139 ppbv m
RT: 5.761 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 83 Resp: 24512
Ion Ratio Lower Upper
83 100
85 52.4 52.4 78.6

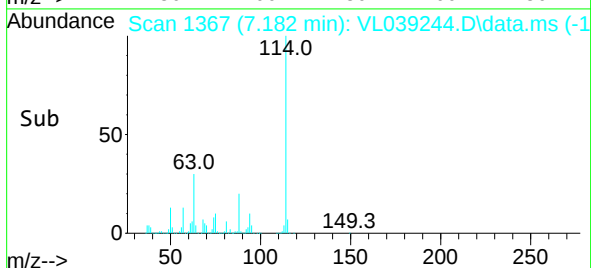
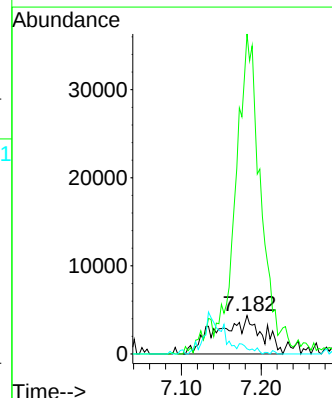
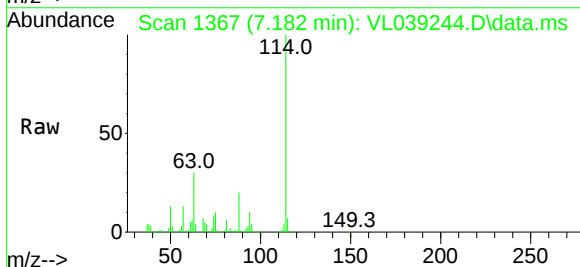
Manual Integrations
APPROVED

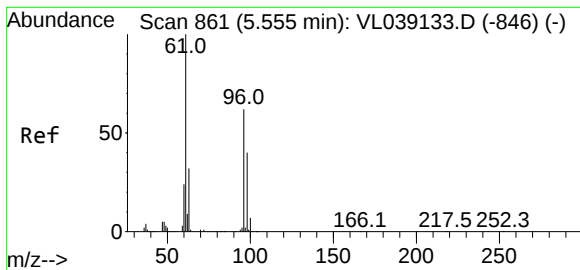
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#30
Cyclohexane
Concen: 0.189 ppbv m
RT: 7.182 min Scan# 1367
Delta R.T. 0.045 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

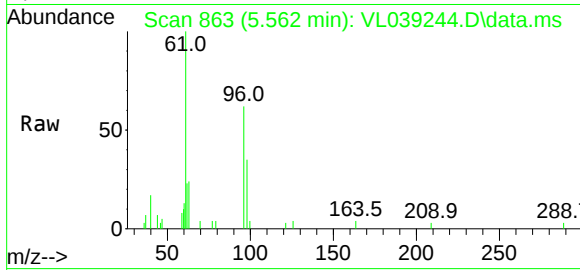
Tgt Ion: 84 Resp: 16677
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 68.9 103.3#





#31
 cis-1,2-Dichloroethene
 Concen: 0.111 ppbv m
 RT: 5.562 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

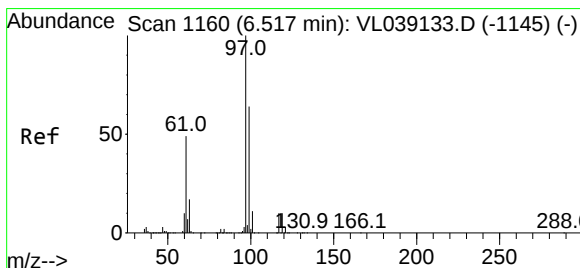
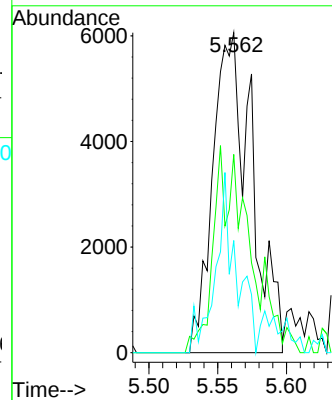
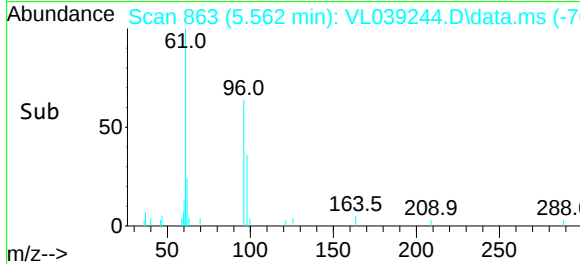
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



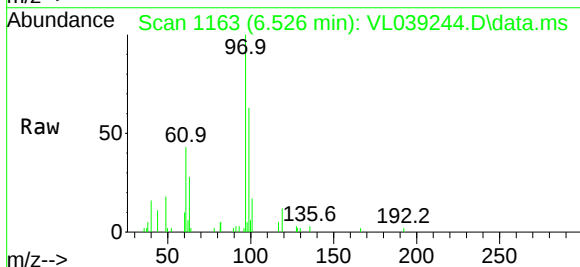
Tgt Ion: 61 Resp: 1185
 Ion Ratio Lower Upper
 61 100
 96 61.9 49.9 74.9
 98 35.0 32.0 48.0

Manual Integrations
 APPROVED

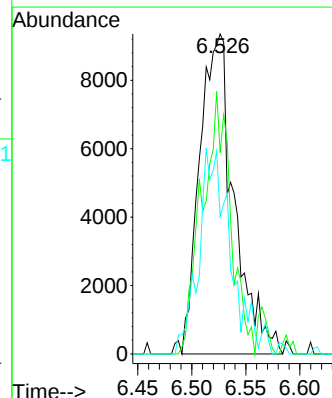
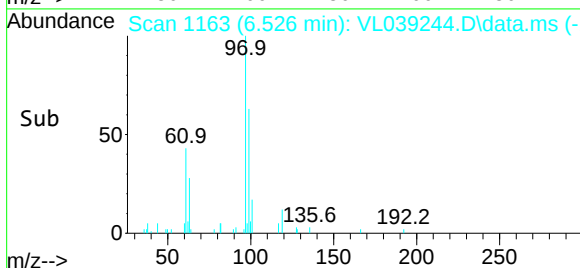
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

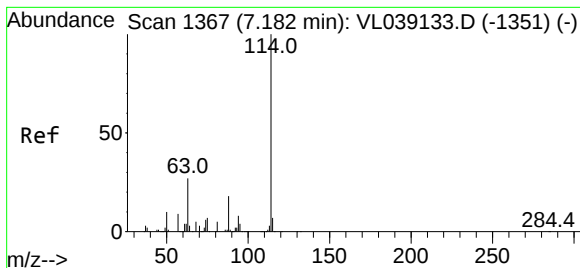


#32
 1,1,1-Trichloroethane
 Concen: 0.120 ppbv m
 RT: 6.526 min Scan# 1163
 Delta R.T. 0.010 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04



Tgt Ion: 97 Resp: 20686
 Ion Ratio Lower Upper
 97 100
 99 74.1 52.1 78.1
 61 60.2 40.0 60.0#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.185 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL039244.D

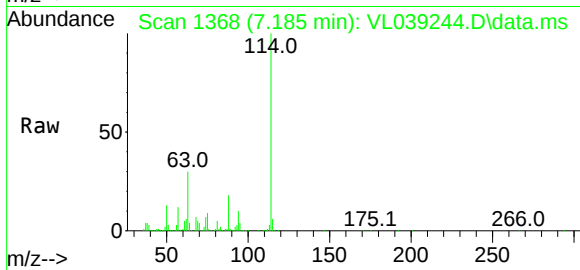
Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion:114 Resp: 2269540

Ion Ratio Lower Upper

114 100

63 30.5 21.7 32.5

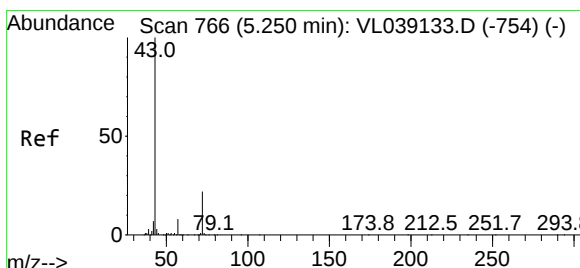
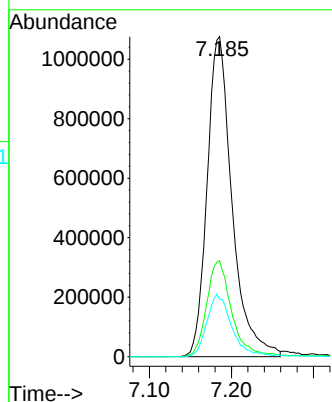
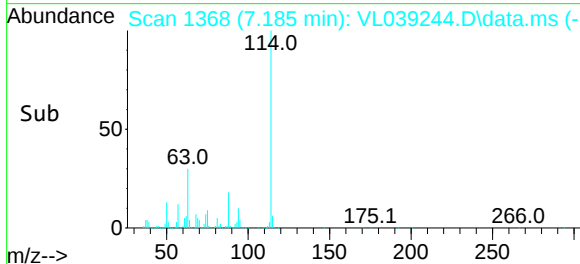
88 19.9 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#34

2-Butanone

Concen: 0.129 ppbv m

RT: 5.266 min Scan# 771

Delta R.T. 0.016 min

Lab File: VL039244.D

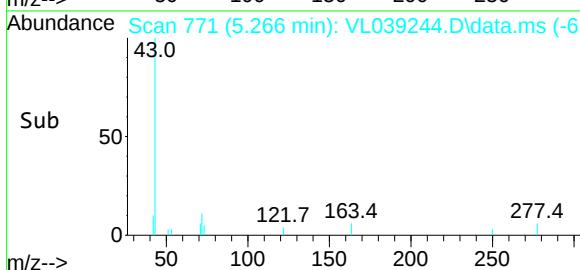
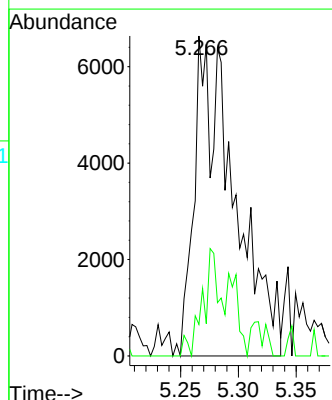
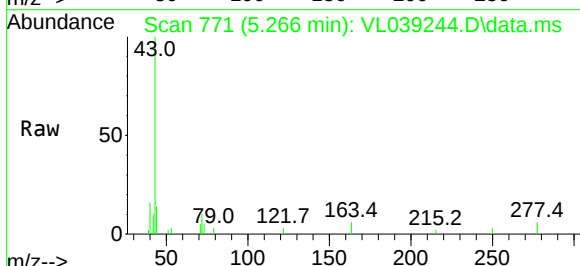
Acq: 8 Jun 2022 21:04

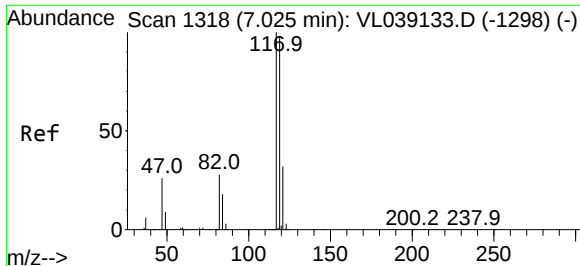
Tgt Ion: 43 Resp: 15867

Ion Ratio Lower Upper

43 100

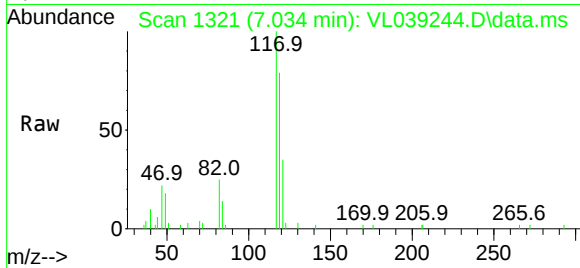
72 0.0 18.2 27.2#





#35
Carbon Tetrachloride
Concen: 0.132 ppbv m
RT: 7.034 min Scan# 1179
Delta R.T. 0.010 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

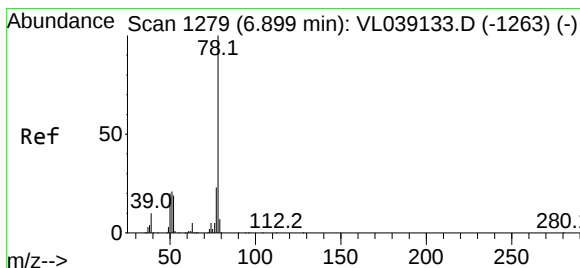
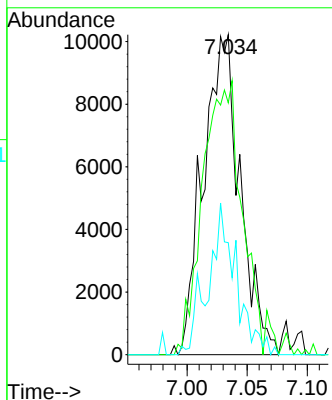
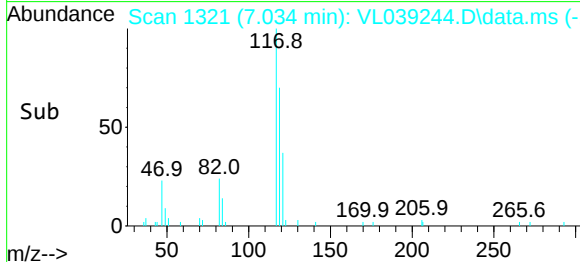
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



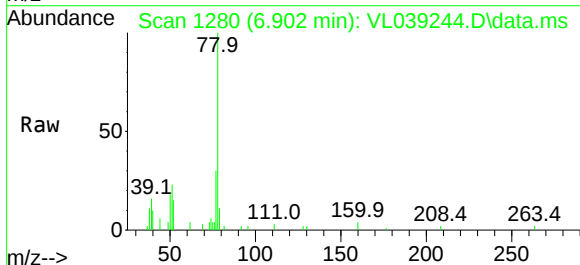
Tgt Ion: 117 Resp: 21799
Ion Ratio Lower Upper
117 100
119 78.7 78.6 118.0
121 35.0 25.4 38.0

Manual Integrations
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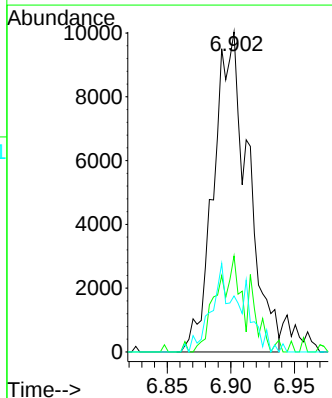
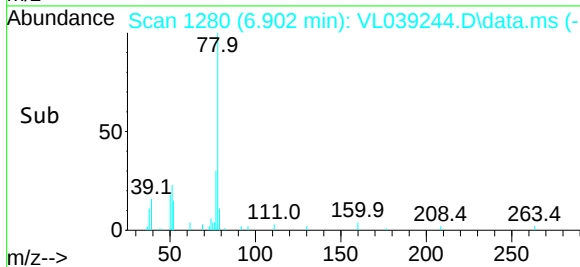
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

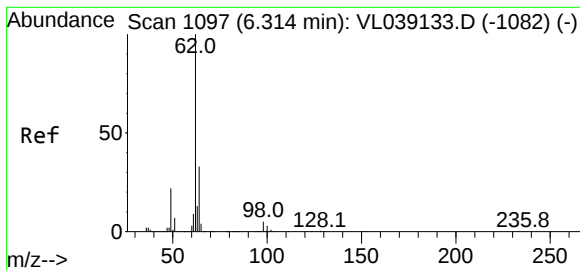


#36
Benzene
Concen: 0.102 ppbv m
RT: 6.902 min Scan# 1280
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



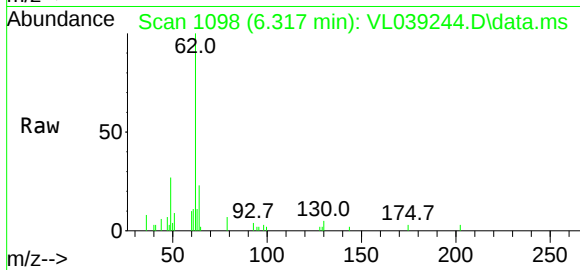
Tgt Ion: 78 Resp: 18871
Ion Ratio Lower Upper
78 100
77 30.0 18.6 27.8#
50 17.5 15.8 23.8





#37
1,2-Dichloroethane
Concen: 0.151 ppbv m
RT: 6.317 min Scan# 1098
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

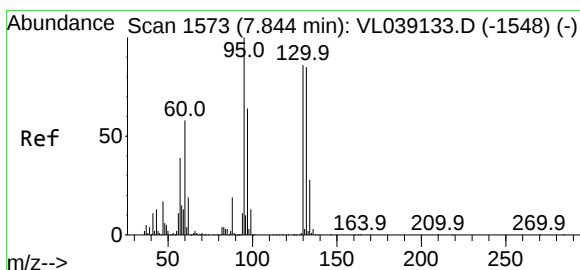
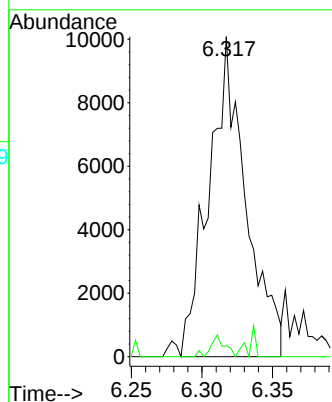
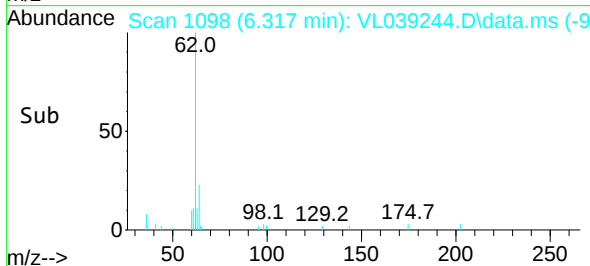
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 62 Resp: 18304
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5

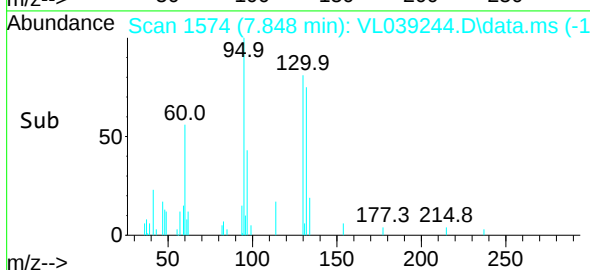
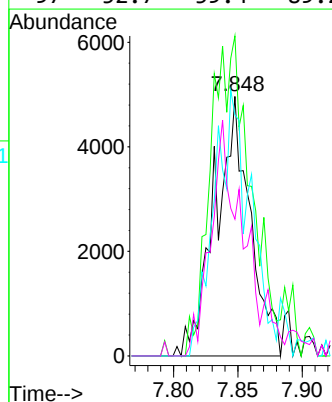
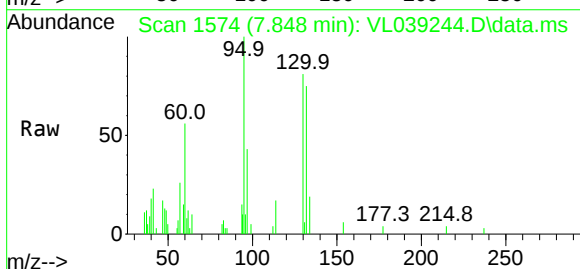
Manual Integrations
APPROVED

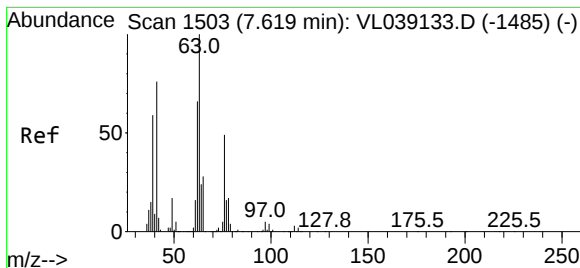
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#38
Trichloroethene
Concen: 0.111 ppbv m
RT: 7.848 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

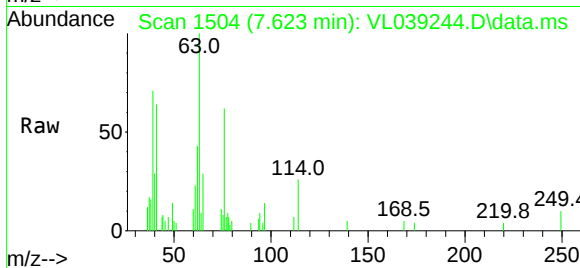
Tgt Ion:130 Resp: 9415
Ion Ratio Lower Upper
130 100
95 123.3 93.3 139.9
132 92.9 79.0 118.4
97 52.7 59.4 89.2#





#39
1,2-Dichloropropane
Concen: 0.126 ppbv m
RT: 7.623 min Scan# 1503
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

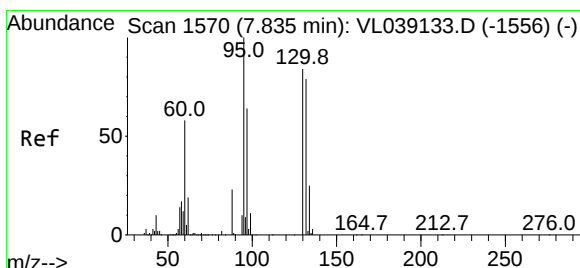
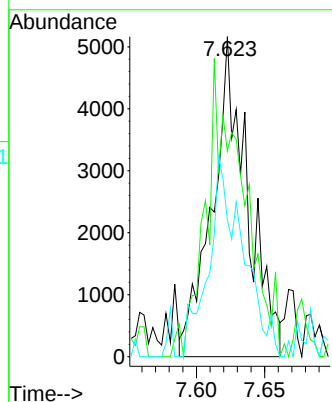
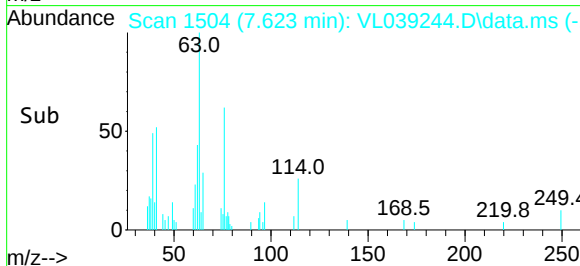
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 63 Resp: 920
Ion Ratio Lower Upper
63 100
41 64.2 60.8 91.2
62 42.6 52.9 79.3

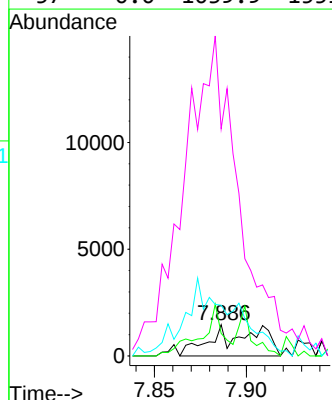
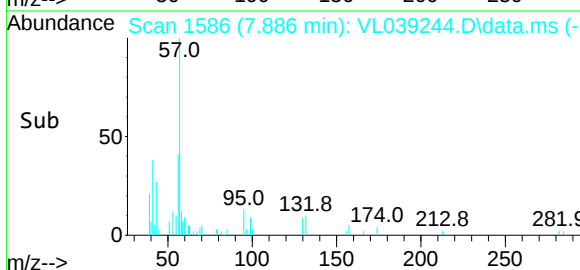
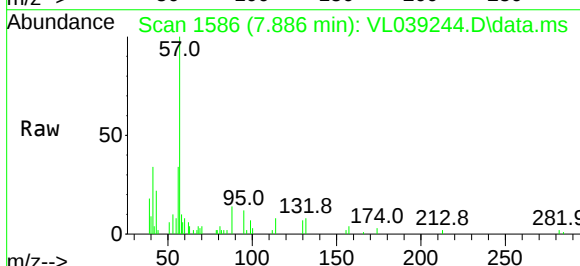
Manual Integrations
APPROVED

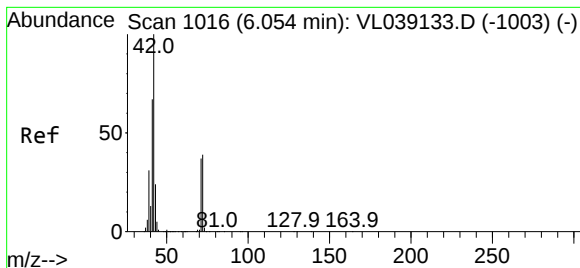
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#40
1,4-Dioxane
Concen: 0.103 ppbv m
RT: 7.886 min Scan# 1586
Delta R.T. 0.051 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

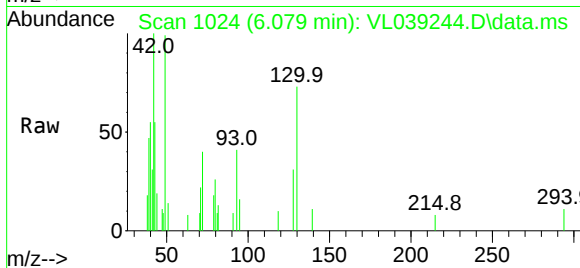
Tgt Ion: 88 Resp: 2496
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.101 ppbv m
RT: 6.079 min Scan# 1016
Delta R.T. 0.026 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

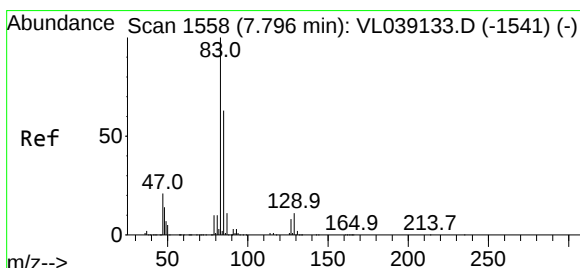
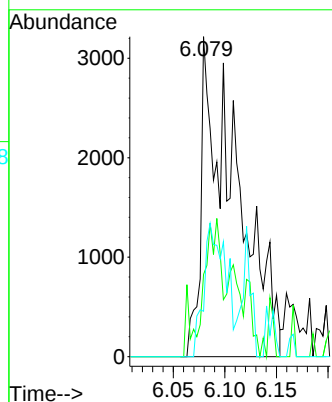
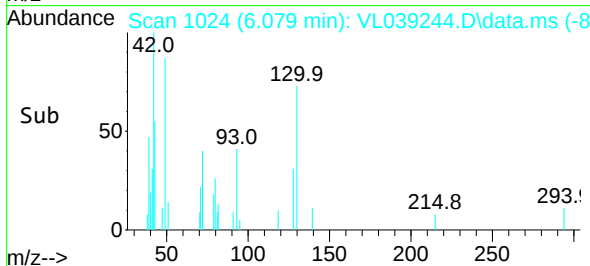
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 42 Resp: 7469
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0#
71 0.0 31.1 46.7#

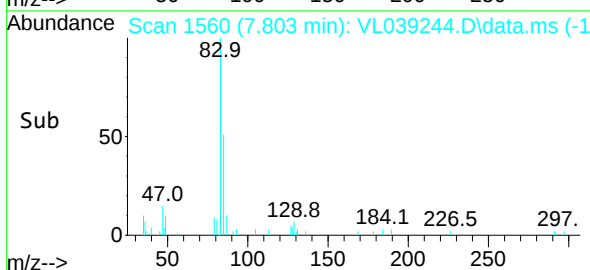
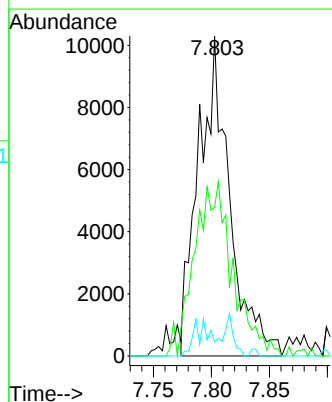
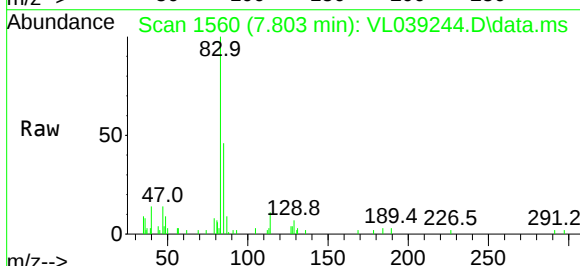
Manual Integrations
APPROVED

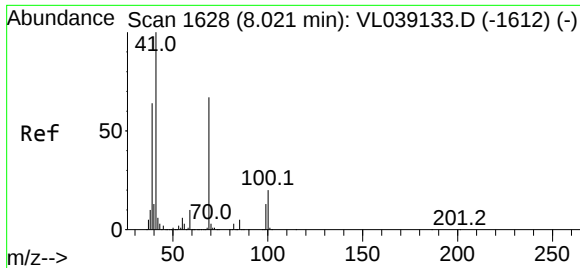
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
Bromodichloromethane
Concen: 0.114 ppbv m
RT: 7.803 min Scan# 1560
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

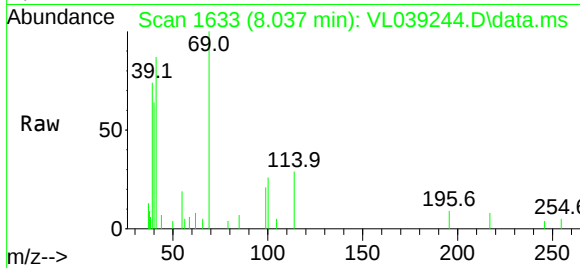
Tgt Ion: 83 Resp: 19252
Ion Ratio Lower Upper
83 100
85 46.4 50.2 75.4#
127 4.4 6.6 9.8#





#43
Methyl Methacrylate
Concen: 0.097 ppbv m
RT: 8.037 min Scan# 1628
Delta R.T. 0.016 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

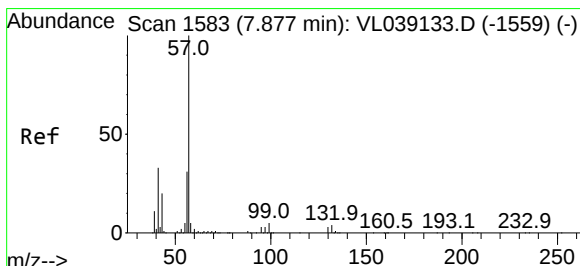
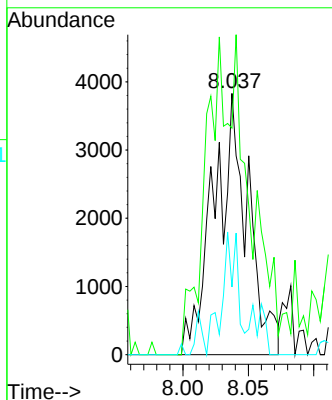
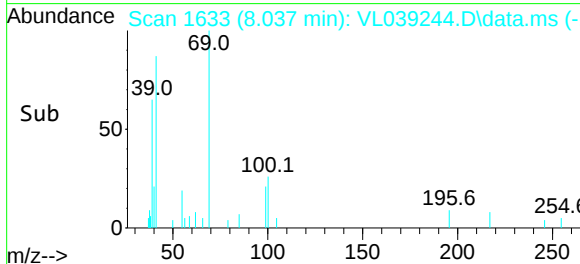
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 69 Resp: 697
Ion Ratio Lower Upper
69 100
41 0.0 121.9 182.9#
100 0.0 24.1 36.1#

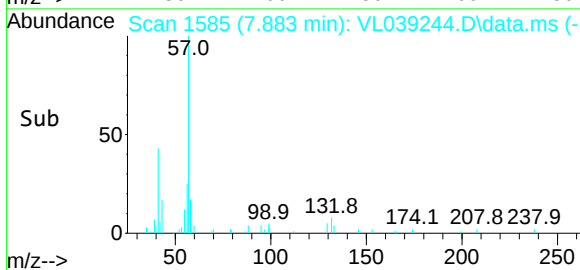
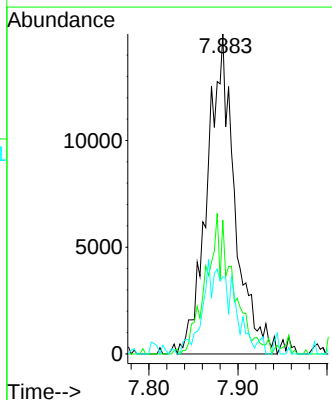
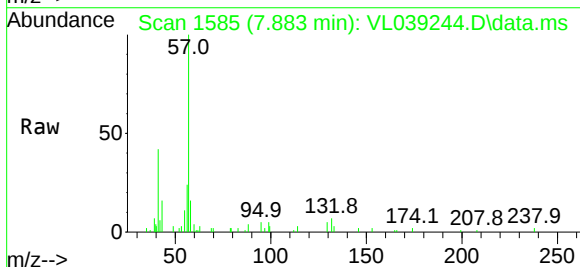
Manual Integrations
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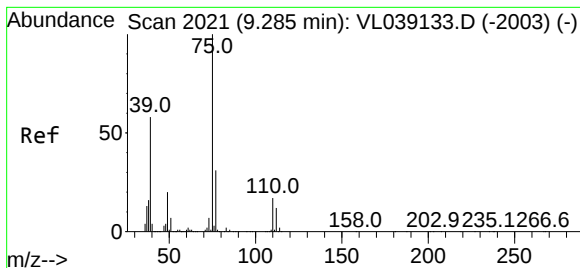
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#44
2,2,4-Trimethylpentane
Concen: 0.100 ppbv m
RT: 7.883 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

Tgt Ion: 57 Resp: 32300
Ion Ratio Lower Upper
57 100
41 44.6 26.2 39.4#
56 0.0 24.7 37.1#





#45

t-1,3-Dichloropropene

Concen: 0.074 ppbv m

RT: 9.288 min Scan# 20

Delta R.T. 0.003 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion: 75 Resp: 555

Ion Ratio Lower Upper

75 100

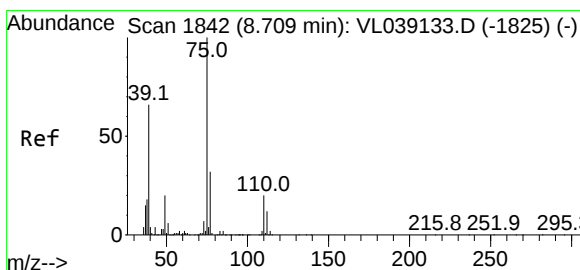
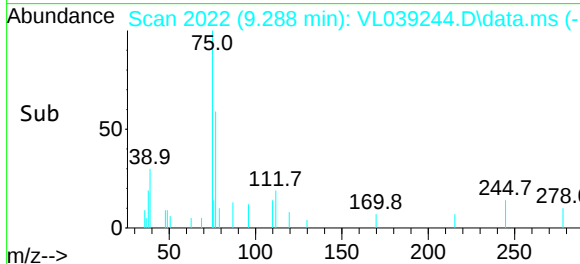
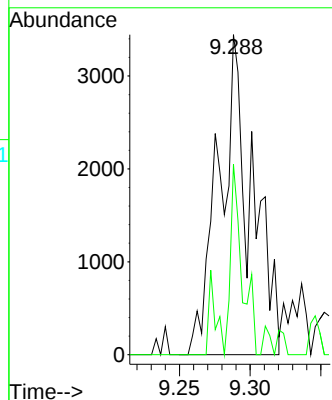
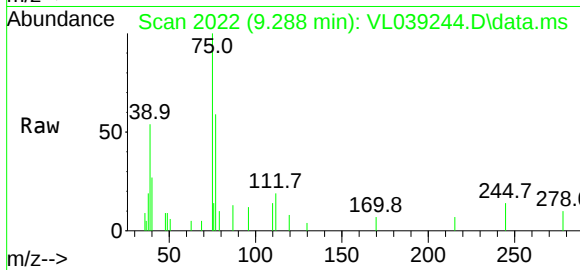
77 59.4 24.4 36.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

cis-1,3-Dichloropropene

Concen: 0.094 ppbv m

RT: 8.703 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

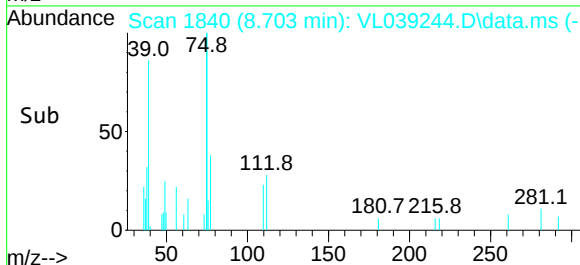
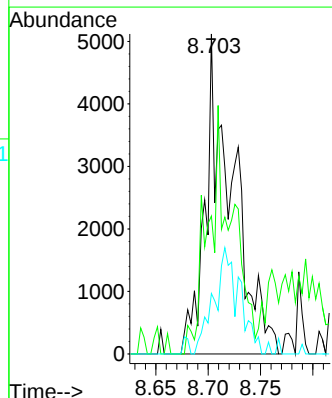
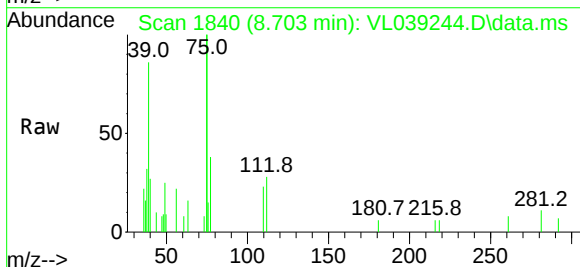
Tgt Ion: 75 Resp: 9285

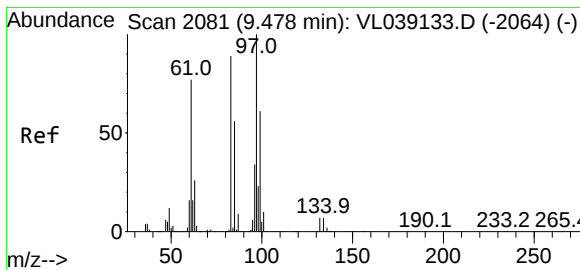
Ion Ratio Lower Upper

75 100

39 86.2 52.4 78.6

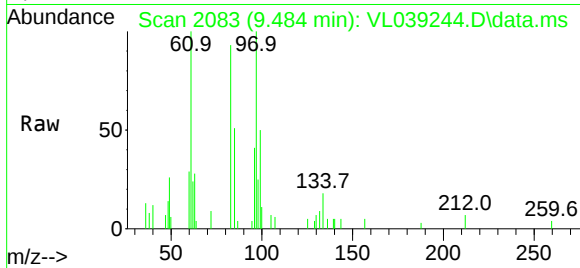
77 37.8 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 0.115 ppbv m
RT: 9.484 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

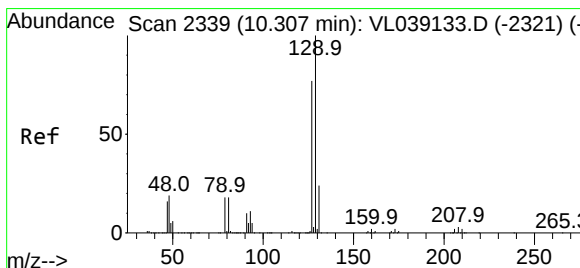
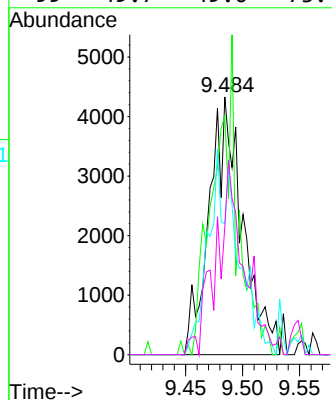
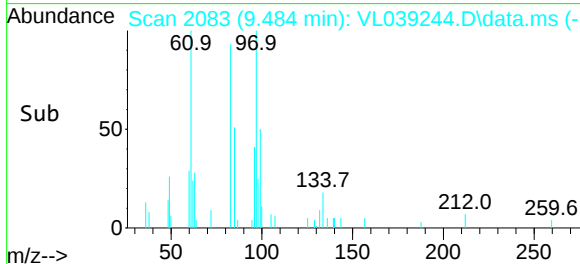
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



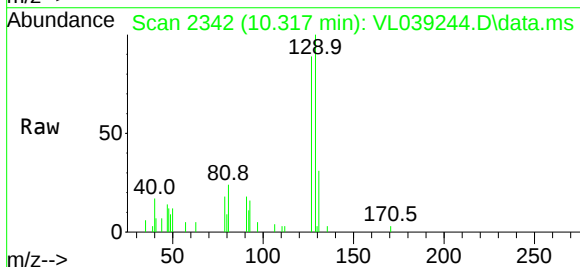
Tgt Ion: 97 Resp: 8830
Ion Ratio Lower Upper
97 100
83 92.6 71.6 107.4
85 50.7 44.8 67.2
99 49.7 49.0 73.4

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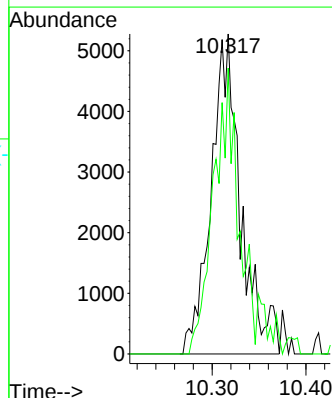
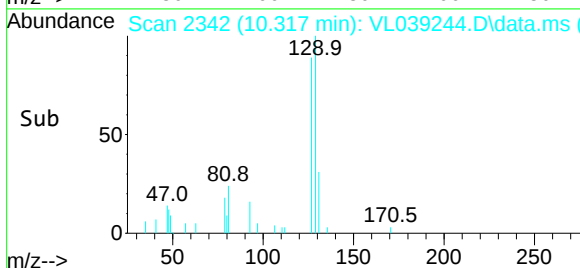
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

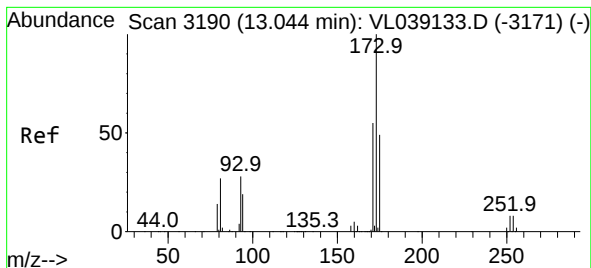


#48
Dibromochloromethane
Concen: 0.085 ppbv m
RT: 10.317 min Scan# 2342
Delta R.T. 0.010 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



Tgt Ion:129 Resp: 11567
Ion Ratio Lower Upper
129 100
127 0.0 40.0 119.9#





#49

Bromoform

Concen: 0.074 ppbv m

RT: 13.050 min Scan# 3190

Delta R.T. 0.006 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

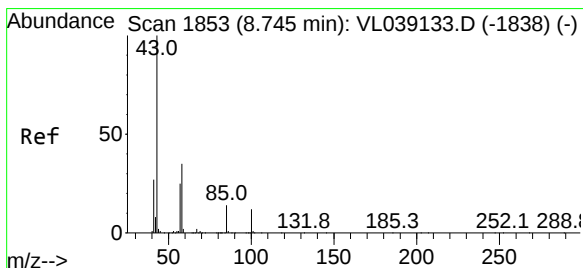
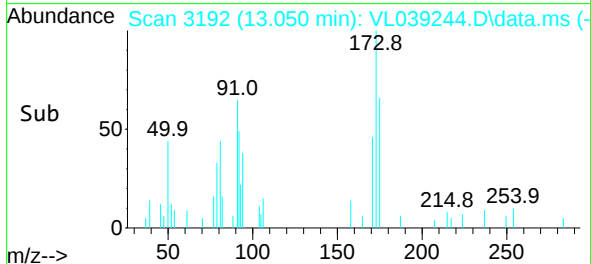
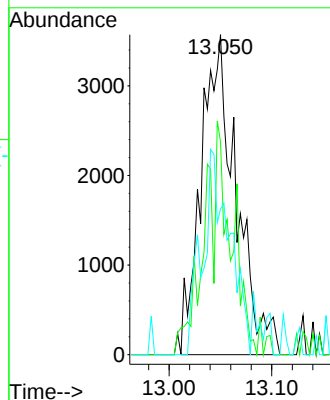
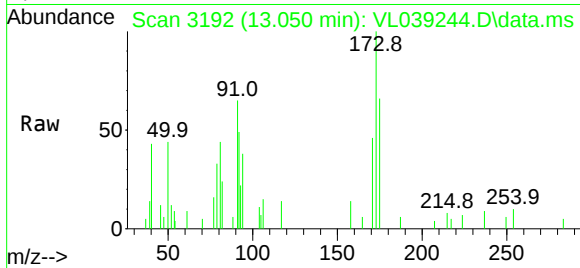
LOQ-AIR-02-QT2-2022

Tgt Ion:173	Resp:	844
Ion Ratio	Lower	Upper
173	100	
175	57.4	40.2 60.2
171	0.0	43.9 65.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#50

4-Methyl-2-Pentanone

Concen: 0.091 ppbv m

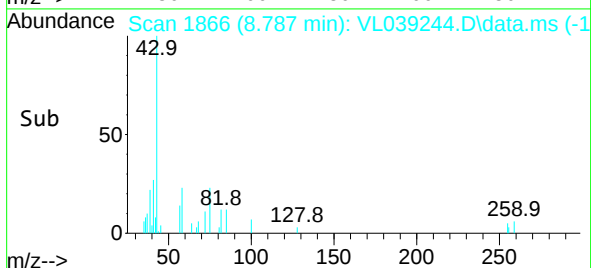
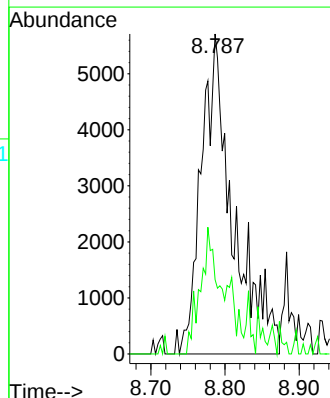
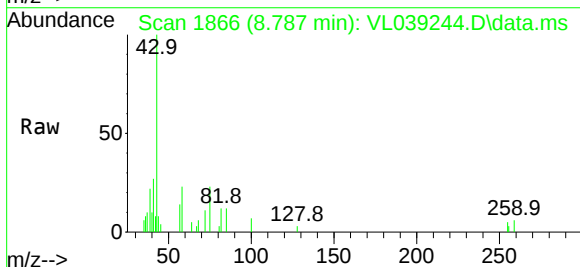
RT: 8.787 min Scan# 1866

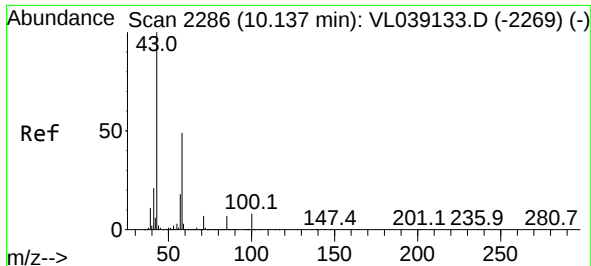
Delta R.T. 0.042 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

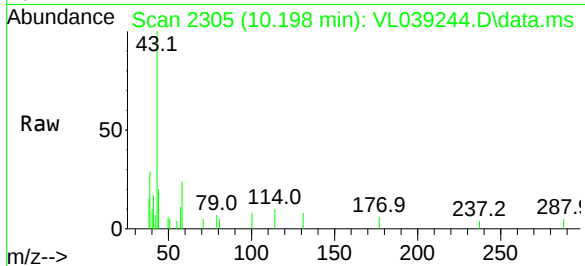
Tgt Ion: 43	Resp:	16811
Ion Ratio	Lower	Upper
43	100	
58	0.0	28.7 43.1





#51
2-Hexanone
Concen: 0.075 ppbv m
RT: 10.198 min Scan# 2107
Delta R.T. 0.061 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

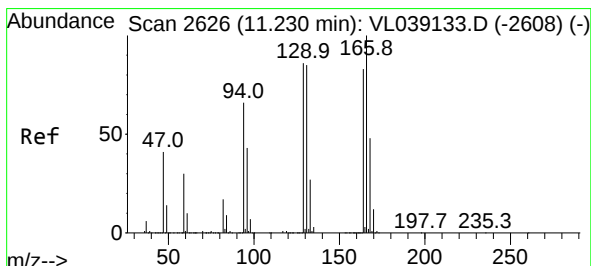
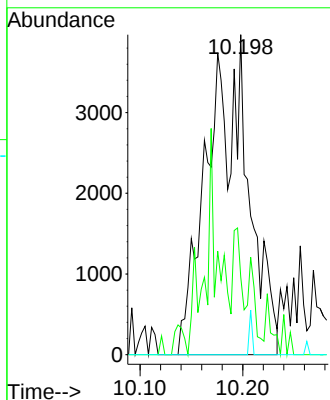
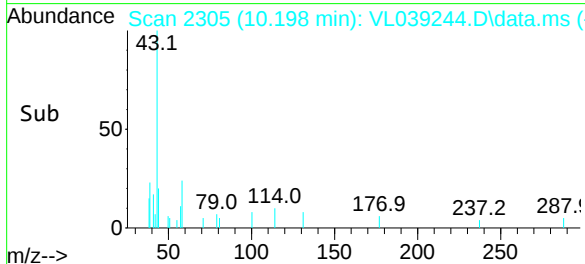
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 10798
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.0 0.1 0.1

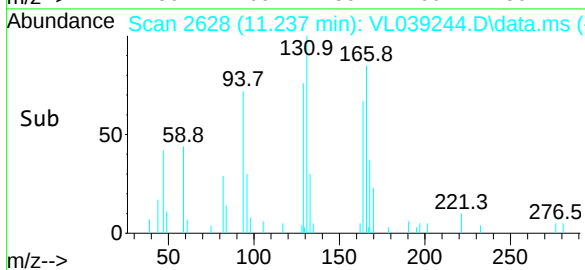
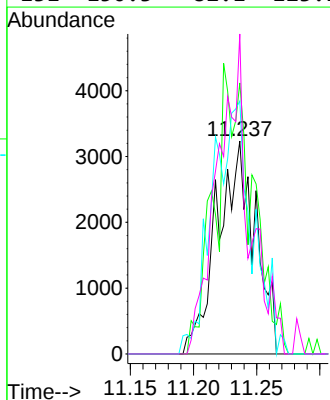
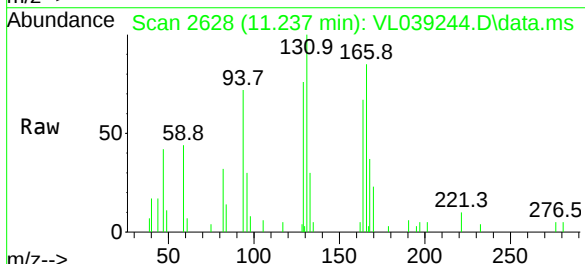
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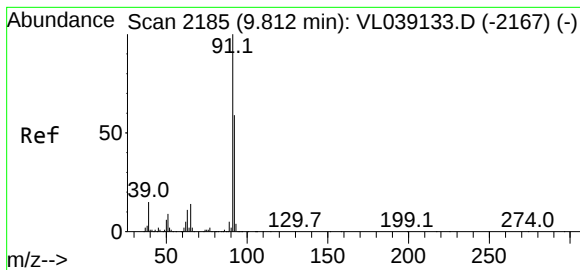
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
Tetrachloroethene
Concen: 0.094 ppbv m
RT: 11.237 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

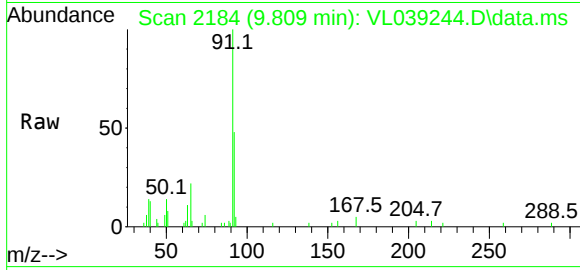
Tgt Ion:164 Resp: 6765
Ion Ratio Lower Upper
164 100
166 127.3 96.3 144.5
129 113.6 82.5 123.7
131 150.3 82.1 123.1





#53
Toluene
Concen: 0.092 ppbv m
RT: 9.809 min Scan# 2185
Delta R.T. -0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

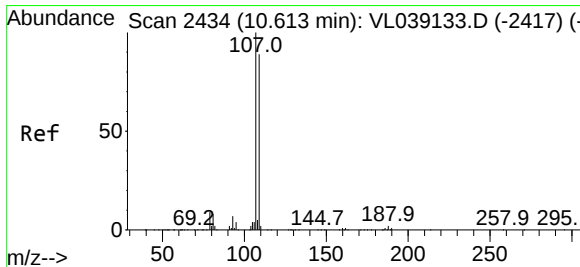
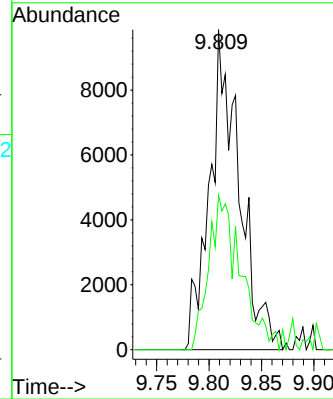
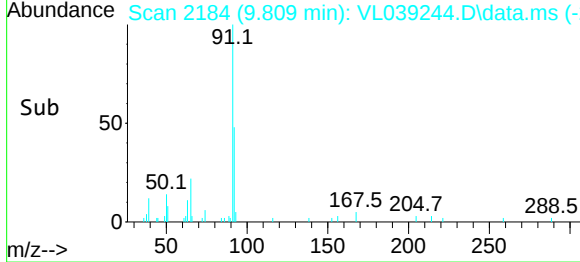
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



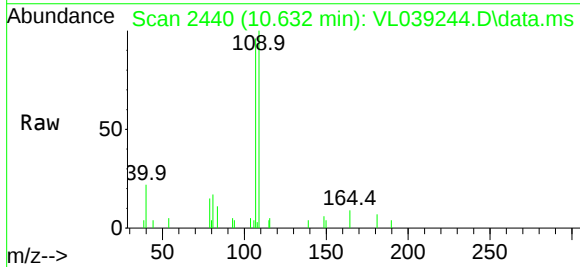
Tgt Ion: 91 Resp: 1949
Ion Ratio Lower Upper
91 100
92 51.6 48.1 72.1

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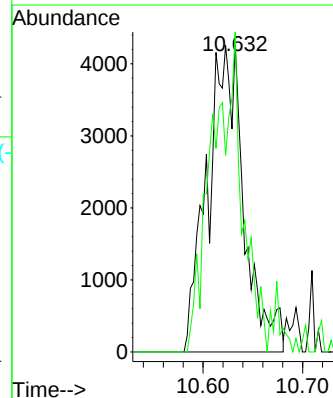
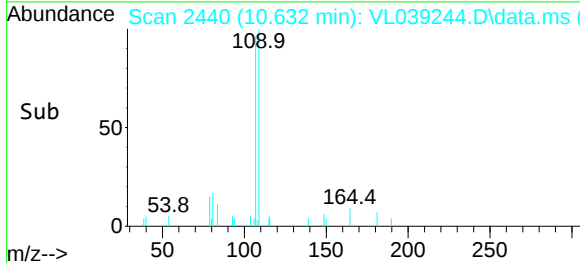
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

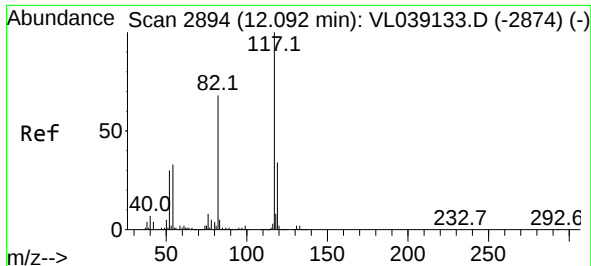


#54
1,2-Dibromoethane
Concen: 0.106 ppbv m
RT: 10.632 min Scan# 2440
Delta R.T. 0.019 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



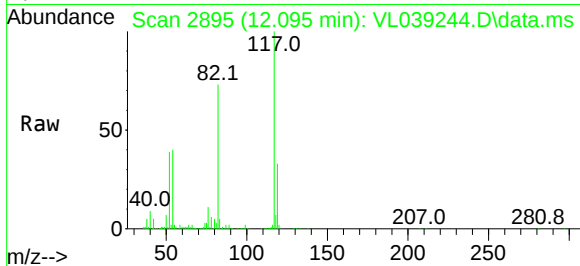
Tgt Ion:107 Resp: 10935
Ion Ratio Lower Upper
107 100
109 103.7 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

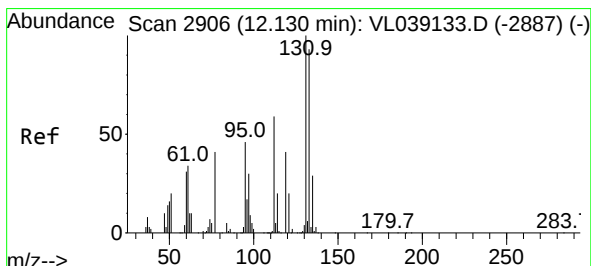
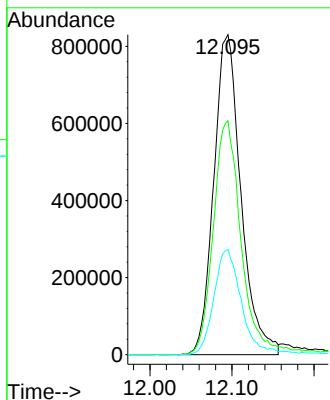
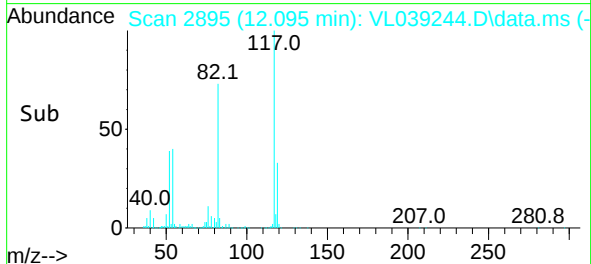
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



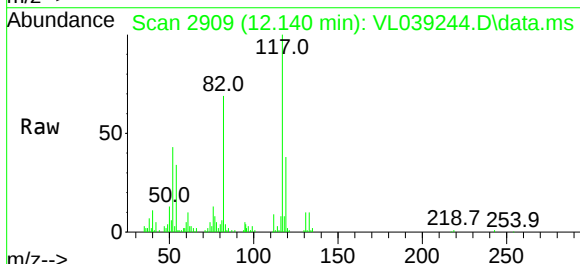
Tgt Ion:117 Resp: 1914838
Ion Ratio Lower Upper
117 100
82 76.5 55.1 82.7
119 33.9 24.7 37.1

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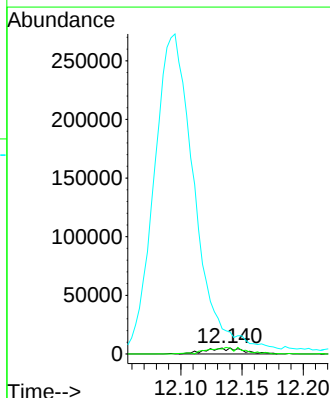
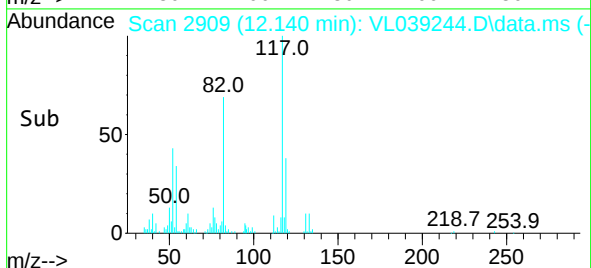
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

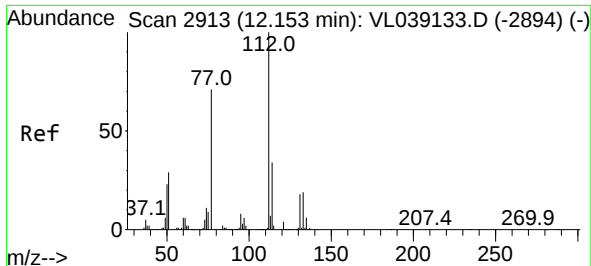


#56
1,1,1,2-Tetrachloroethane
Concen: 0.120 ppbv m
RT: 12.140 min Scan# 2909
Delta R.T. 0.010 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



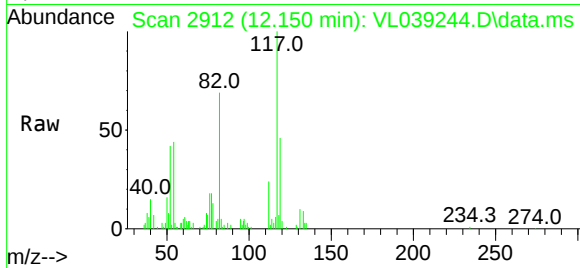
Tgt Ion:131 Resp: 10843
Ion Ratio Lower Upper
131 100
133 0.0 78.6 117.8#
119 0.0 51.7 77.5#





#57
Chlorobenzene
Concen: 0.112 ppbv m
RT: 12.150 min Scan# 2912
Delta R.T. -0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

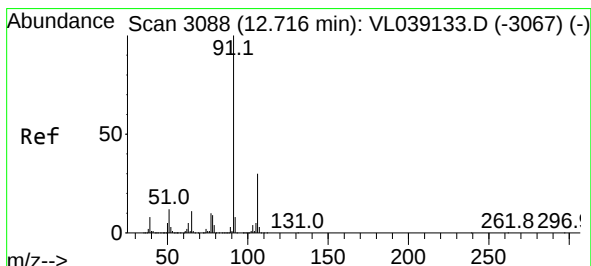
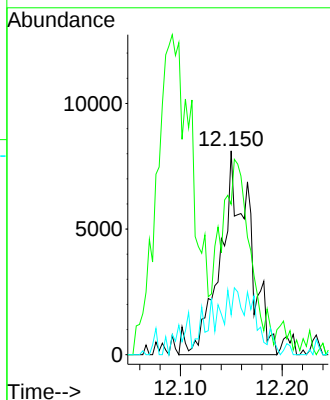
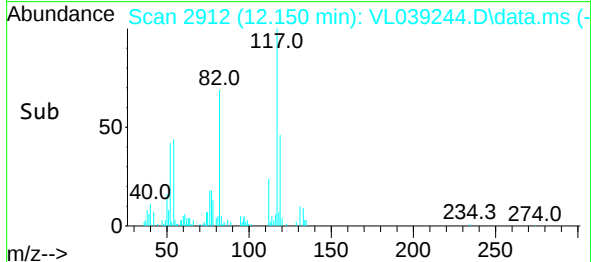
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



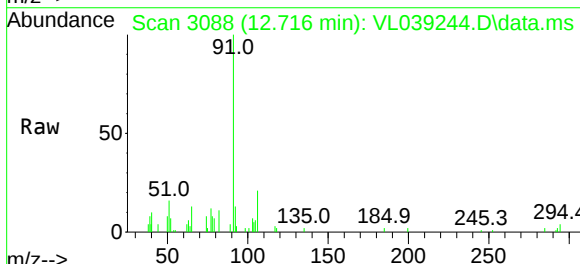
Tgt Ion:112 Resp: 1618
Ion Ratio Lower Upper
112 100
77 73.7 56.5 84.7
114 19.6 30.3 37.1

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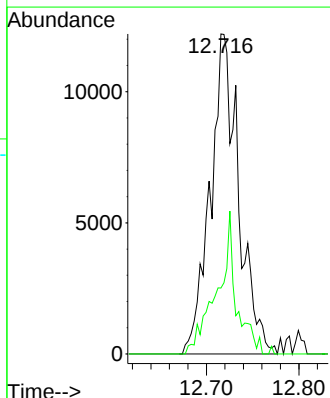
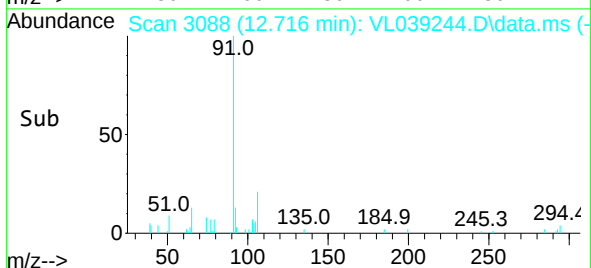
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

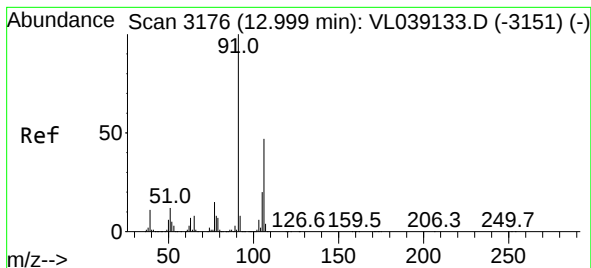


#58
Ethyl Benzene
Concen: 0.098 ppbv m
RT: 12.716 min Scan# 3088
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



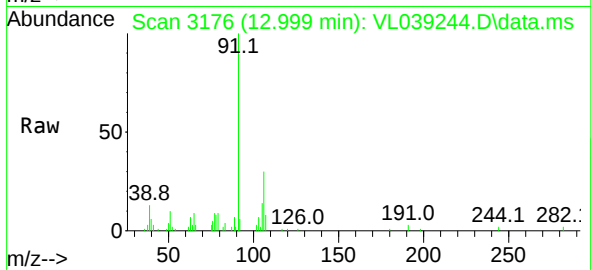
Tgt Ion: 91 Resp: 25937
Ion Ratio Lower Upper
91 100
106 20.6 24.2 36.4





#59
m/p-Xylene
Concen: 0.199 ppbv m
RT: 12.999 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

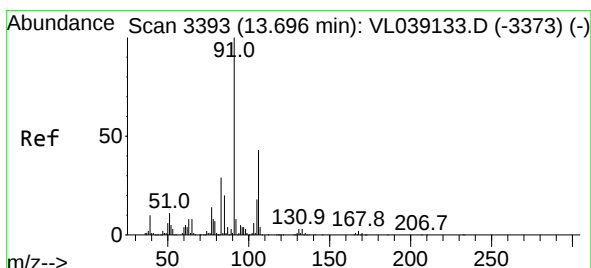
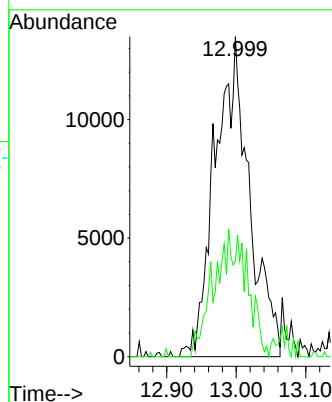
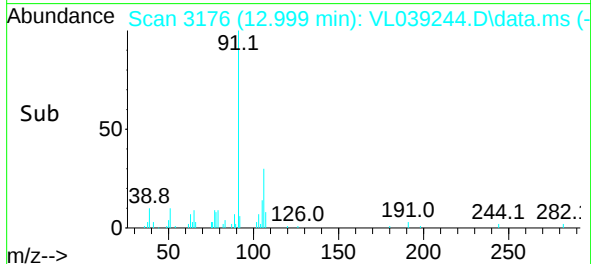
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



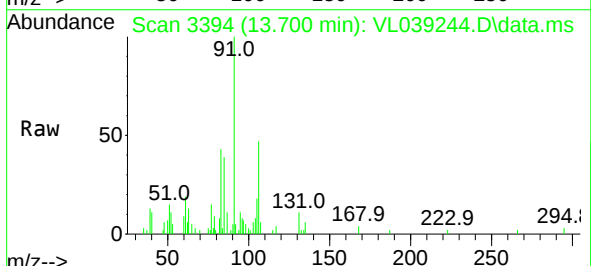
Tgt Ion: 91 Resp: 4620
Ion Ratio Lower Upper
91 100
106 0.0 34.3 51.5

Manual Integrations
APPROVED

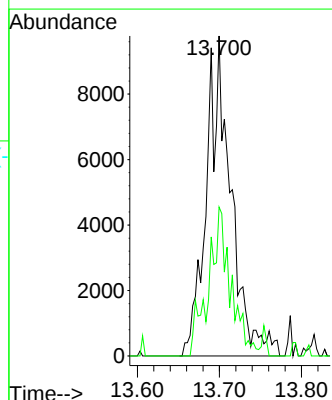
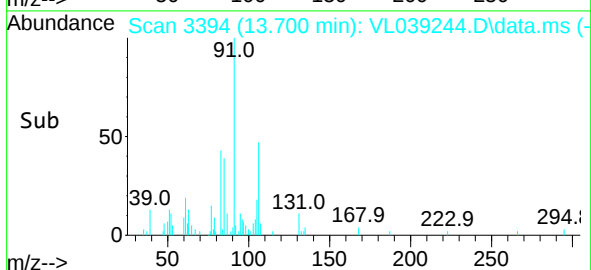
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

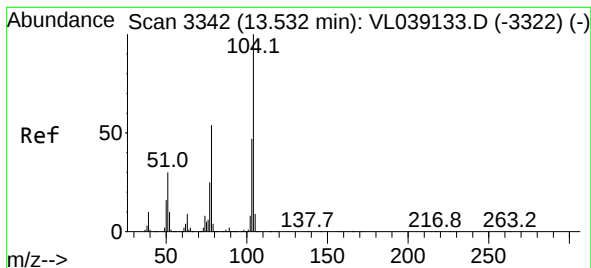


#60
o-Xylene
Concen: 0.093 ppbv m
RT: 13.700 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



Tgt Ion: 91 Resp: 20222
Ion Ratio Lower Upper
91 100
106 43.8 22.3 66.9





#61

Styrene

Concen: 0.090 ppbv m

RT: 13.529 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

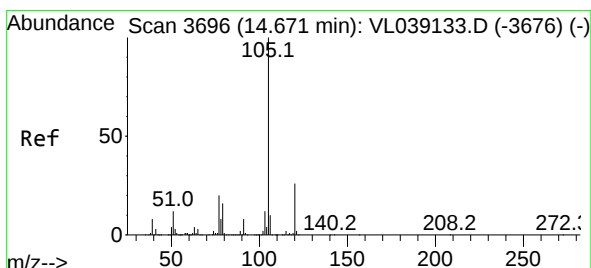
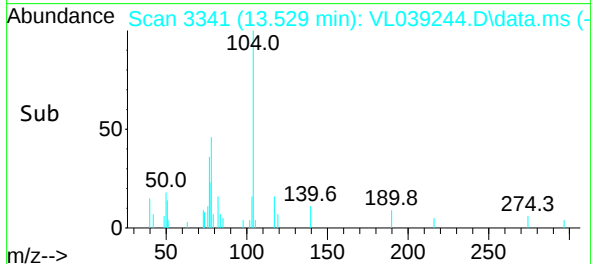
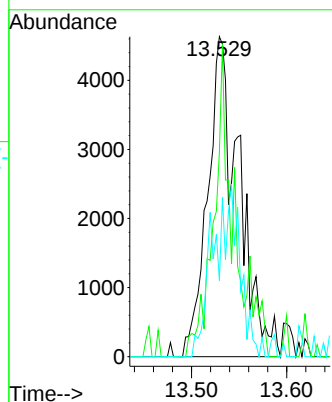
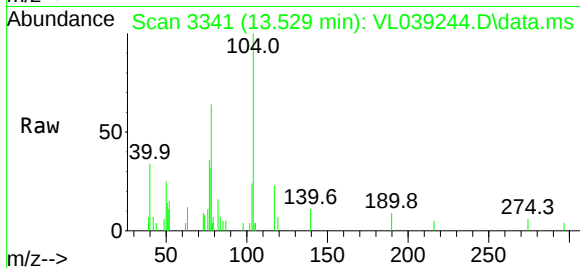
Tgt Ion:104	Resp:	1057
Ion Ratio	Lower	Upper
104	100	
78	67.5	45.7 68.5
103	0.0	39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#62

Isopropylbenzene

Concen: 0.105 ppbv m

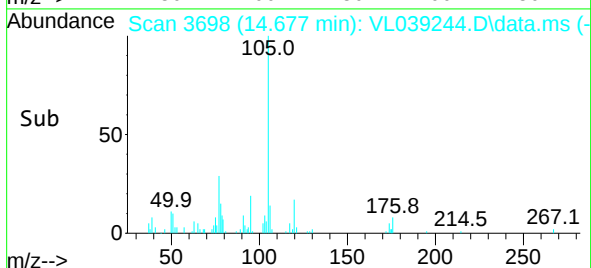
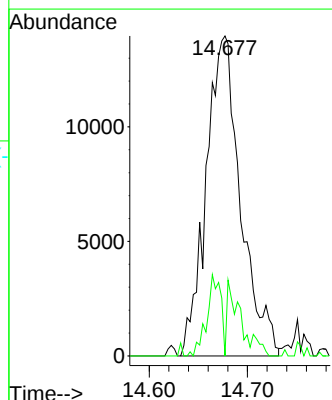
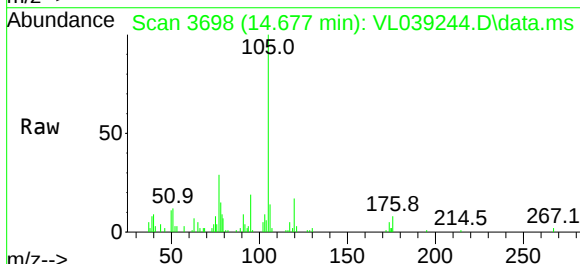
RT: 14.677 min Scan# 3698

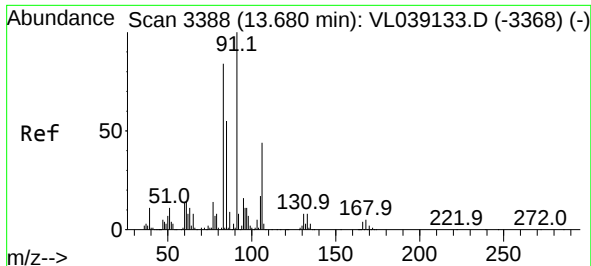
Delta R.T. 0.006 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

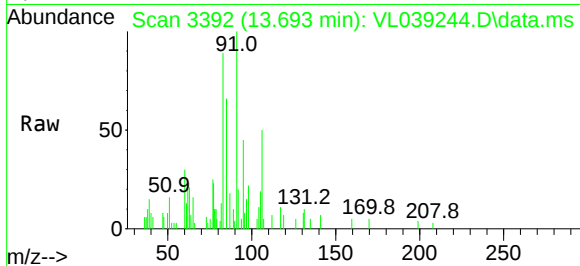
Tgt Ion:105	Resp:	34134
Ion Ratio	Lower	Upper
105	100	
120	20.1	20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.113 ppbv m
RT: 13.693 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

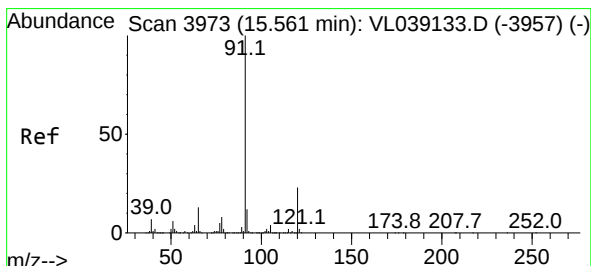
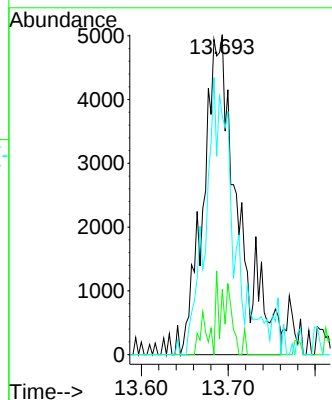
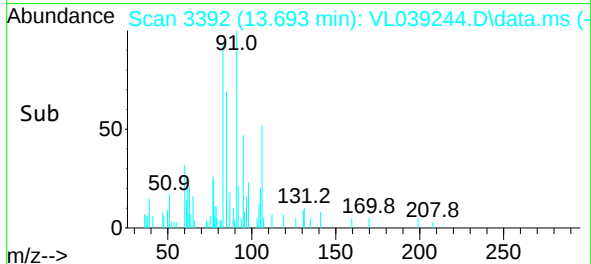
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



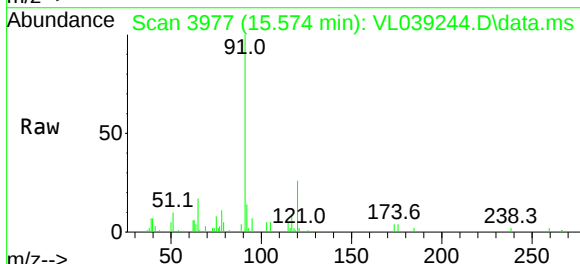
Tgt Ion: 83 Resp: 13820
Ion Ratio Lower Upper
83 100
131 11.5 4.8 14.3
85 77.2 33.0 99.0

Manual Integrations
APPROVED

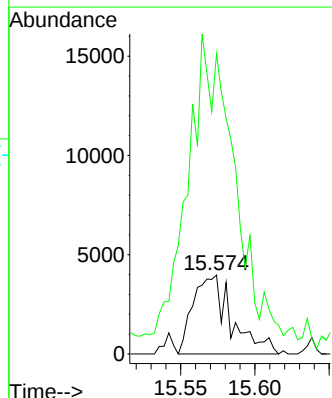
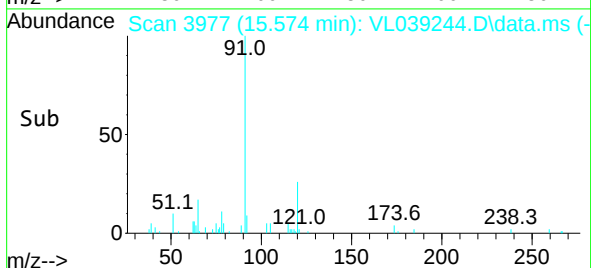
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

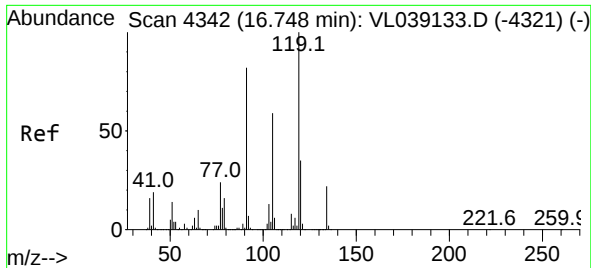


#64
n-propylbenzene
Concen: 0.090 ppbv m
RT: 15.574 min Scan# 3977
Delta R.T. 0.013 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



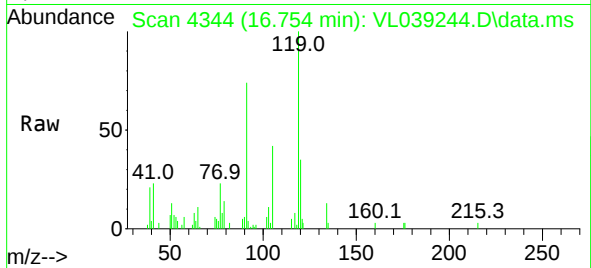
Tgt Ion:120 Resp: 7139
Ion Ratio Lower Upper
120 100
91 566.0 388.4 582.6





#65
tert-Butylbenzene
Concen: 0.091 ppbv m
RT: 16.754 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

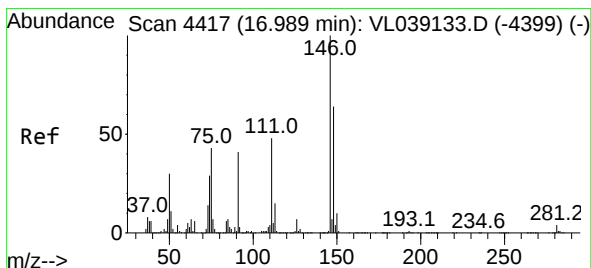
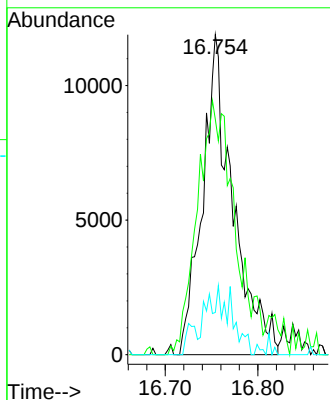
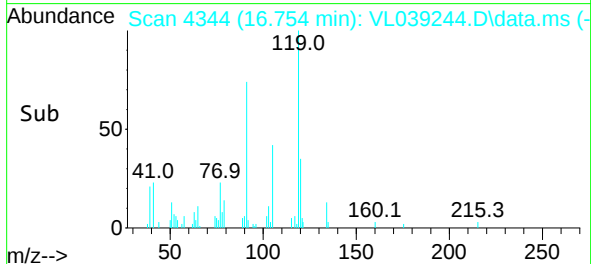
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



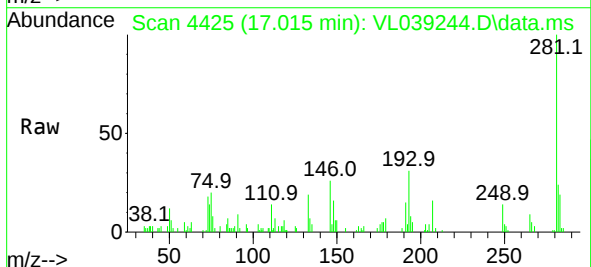
Tgt Ion: 119 Resp: 2690
Ion Ratio Lower Upper
119 100
91 109.0 67.1 100.7
134 20.4 15.8 23.8

Manual Integrations
APPROVED

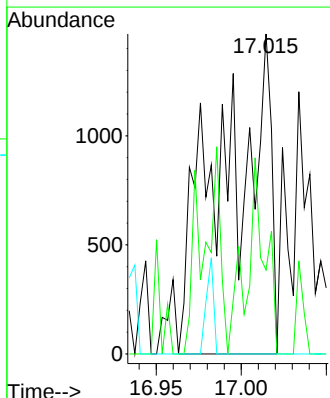
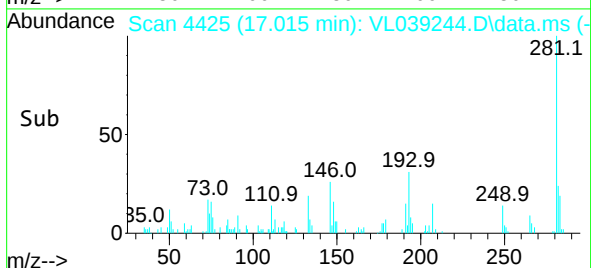
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

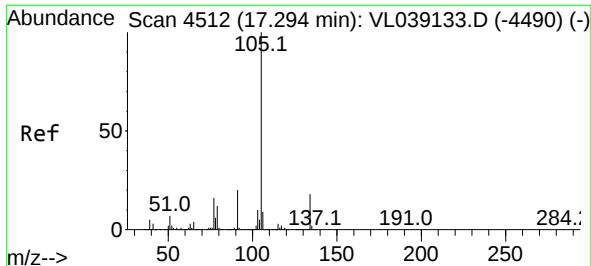


#66
Benzyl Chloride
Concen: 0.072 ppbv m
RT: 17.015 min Scan# 4425
Delta R.T. 0.026 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



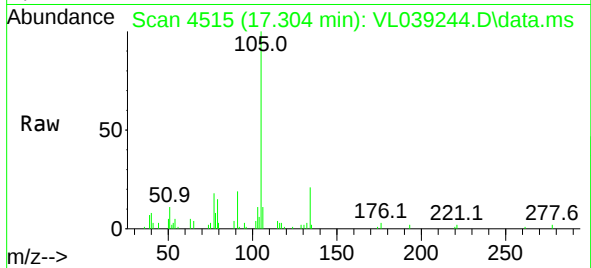
Tgt Ion: 91 Resp: 2774
Ion Ratio Lower Upper
91 100
126 59.2 13.4 20.0#
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 0.090 ppbv m
 RT: 17.304 min Scan# 4515
 Delta R.T. 0.010 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

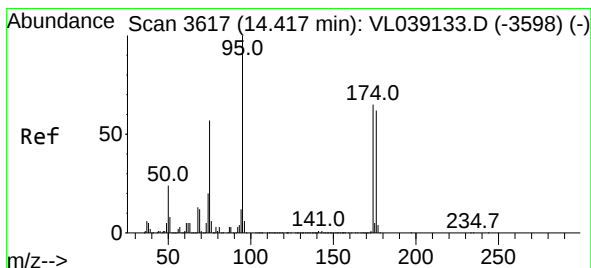
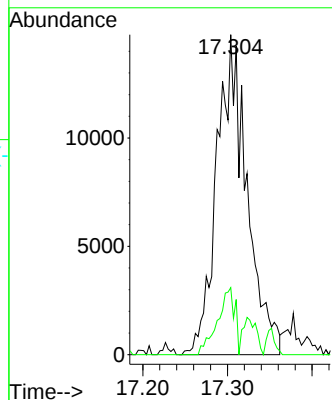
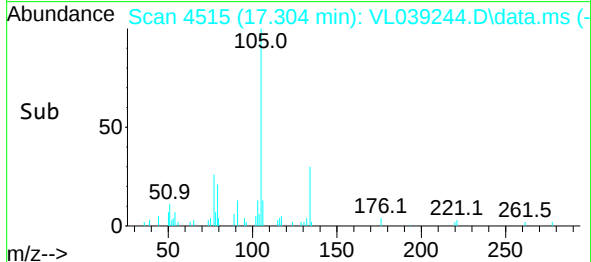
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 105 Resp: 3650
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.4 21.6

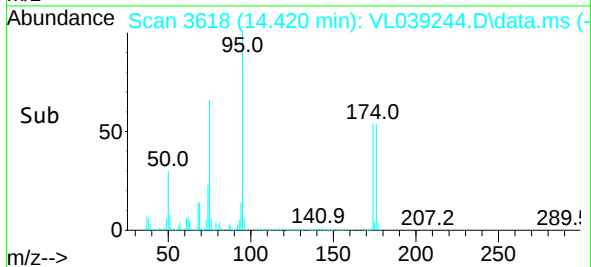
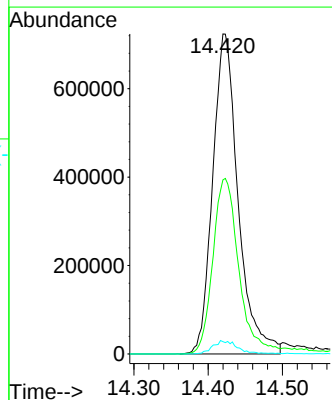
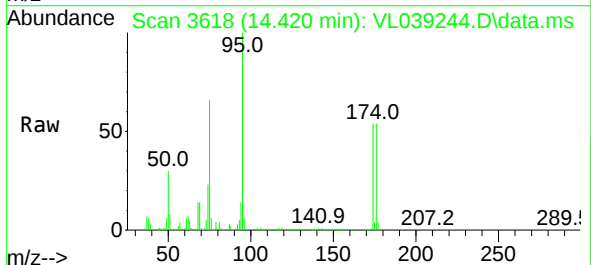
Manual Integrations
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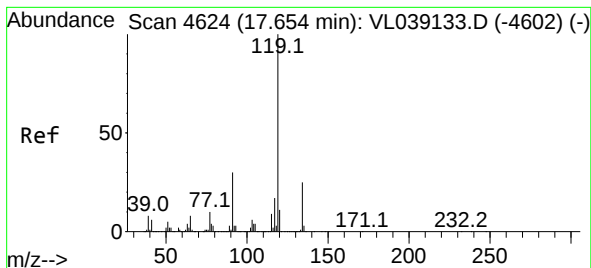
Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.875 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.003 min
 Lab File: VL039244.D
 Acq: 8 Jun 2022 21:04

Tgt Ion: 95 Resp: 1721502
 Ion Ratio Lower Upper
 95 100
 174 58.0 53.8 80.8
 175 4.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.079 ppbv m

RT: 17.661 min Scan# 4626

Delta R.T. 0.006 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

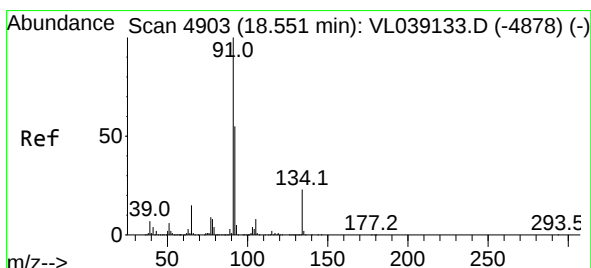
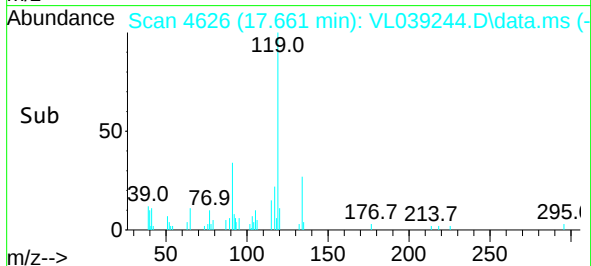
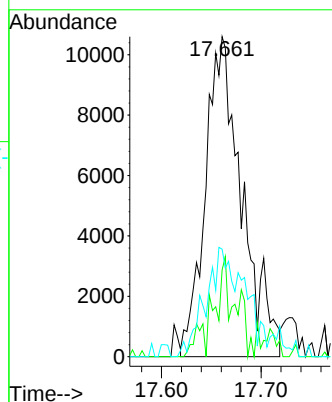
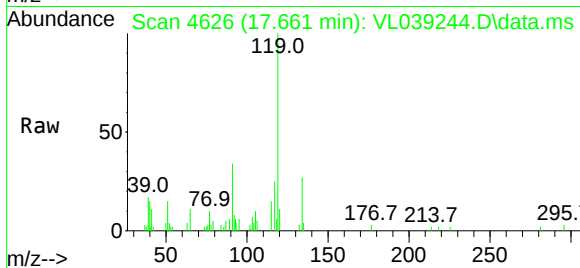
LOQ-AIR-02-QT2-2022

Tgt Ion:	119	Resp:	2708
Ion Ratio	Lower	Upper	
119	100		
134	20.4	20.4	30.6
91	40.5	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#70

n-Butylbenzene

Concen: 0.083 ppbv m

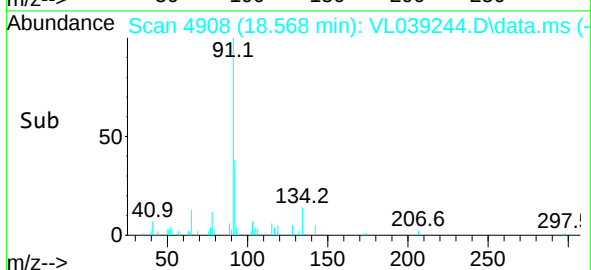
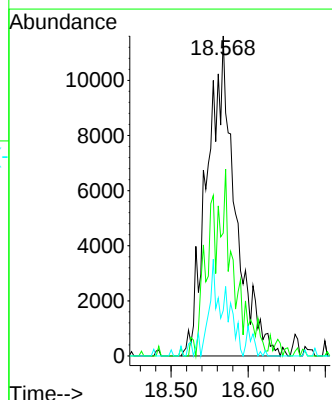
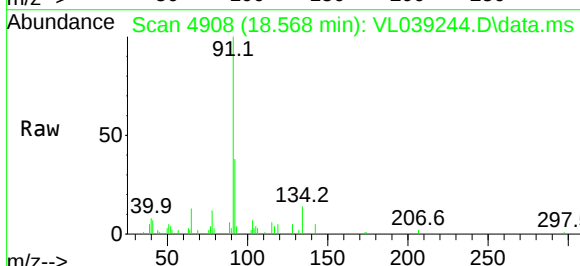
RT: 18.568 min Scan# 4908

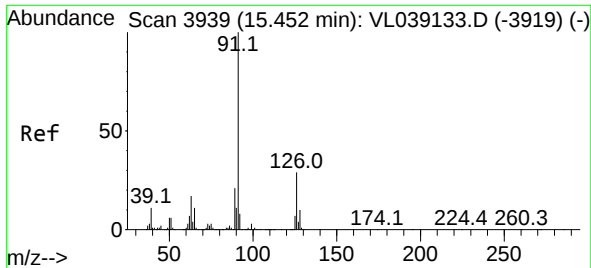
Delta R.T. 0.016 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Tgt Ion:	91	Resp:	29053
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.6	65.4
134	19.6	17.7	26.5





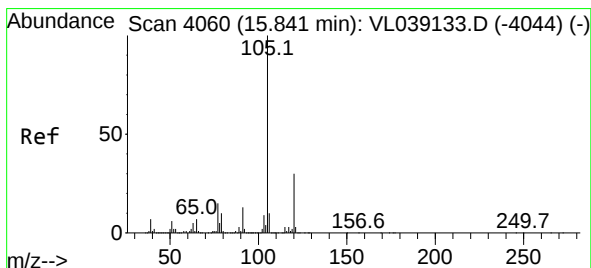
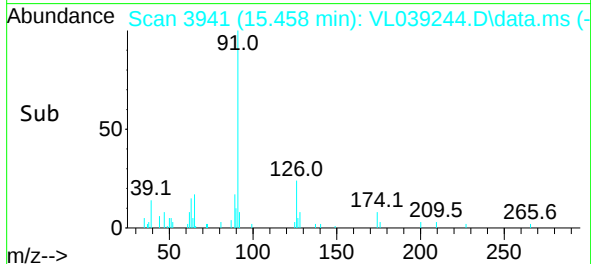
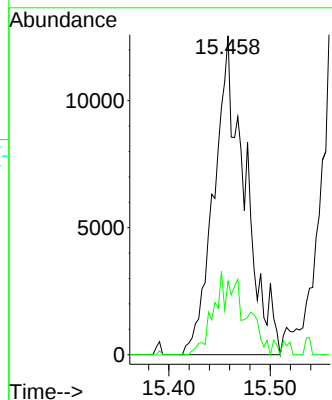
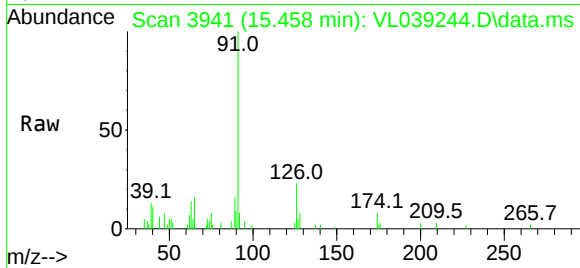
#71
2-Chlorotoluene
Concen: 0.108 ppbv m
RT: 15.458 min Scan# 3939
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022

Tgt Ion: 91 Resp: 2671
Ion Ratio Lower Upper
91 100
126 26.9 12.2 48.6

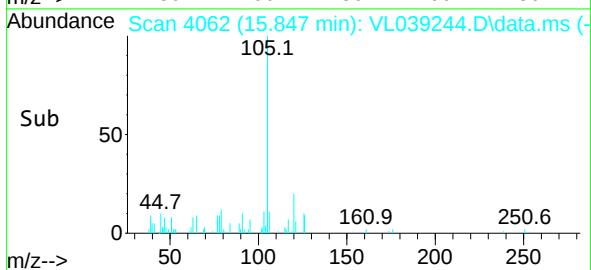
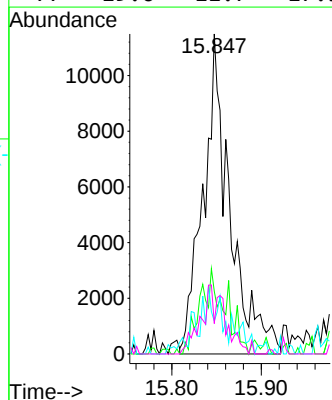
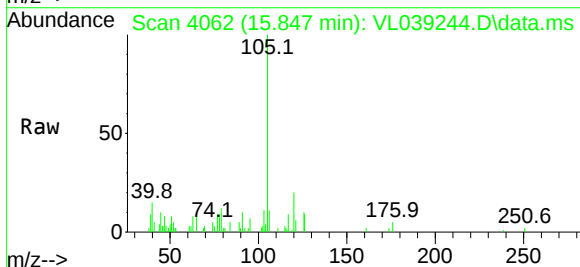
Manual Integrations
APPROVED

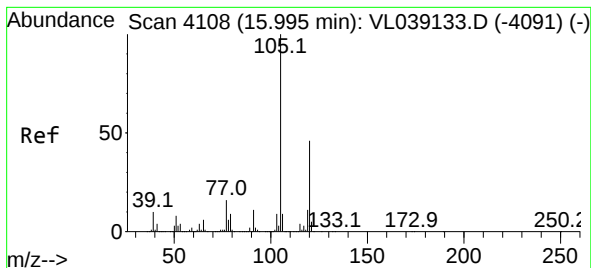
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#72
4-Ethyltoluene
Concen: 0.093 ppbv m
RT: 15.847 min Scan# 4062
Delta R.T. 0.006 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

Tgt Ion:105 Resp: 23698
Ion Ratio Lower Upper
105 100
120 25.3 23.9 35.9
91 15.9 10.6 16.0
77 19.6 11.7 17.5#





#73

1,3,5-Trimethylbenzene

Concen: 0.087 ppbv m

RT: 16.008 min Scan# 4112

Delta R.T. 0.013 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion:105 Resp: 2018

Ion Ratio Lower Upper

105 100

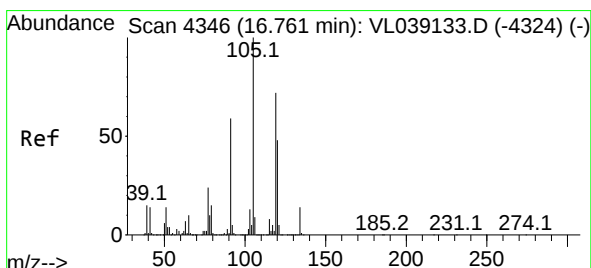
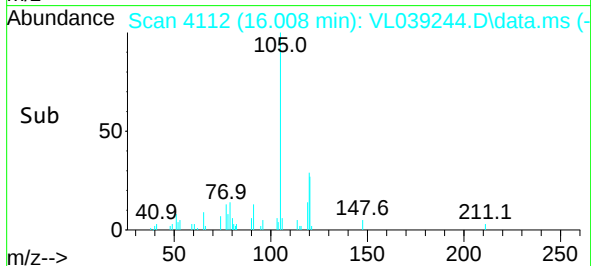
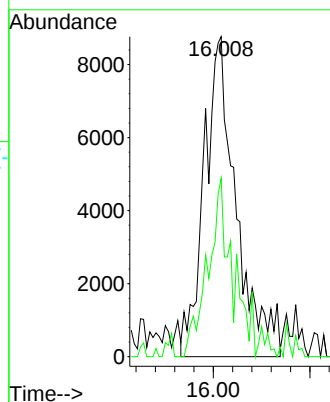
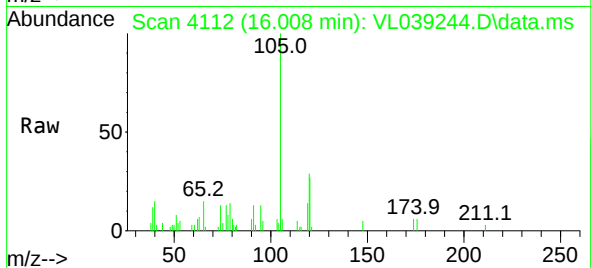
120 29.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.081 ppbv m

RT: 16.764 min Scan# 4347

Delta R.T. 0.003 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Tgt Ion:105 Resp: 20785

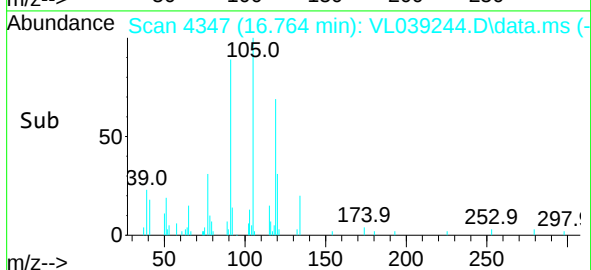
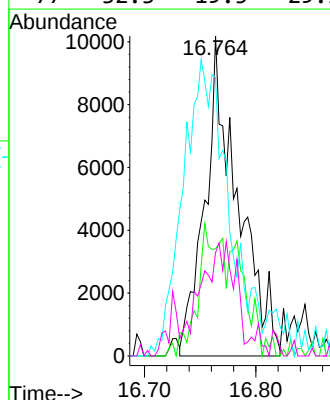
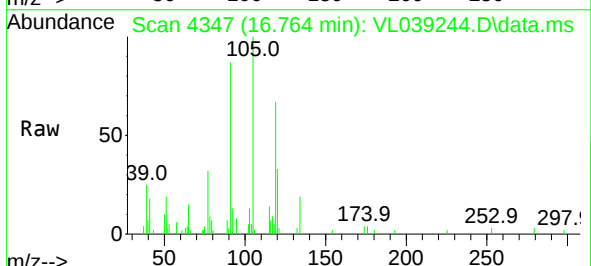
Ion Ratio Lower Upper

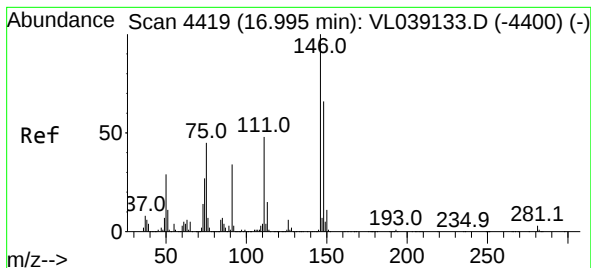
105 100

120 33.4 38.1 57.1#

91 86.9 47.4 71.0#

77 32.3 19.5 29.3#





#75

1,3-Dichlorobenzene

Concen: 0.107 ppbv m

RT: 17.005 min Scan# 4419

Delta R.T. 0.010 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

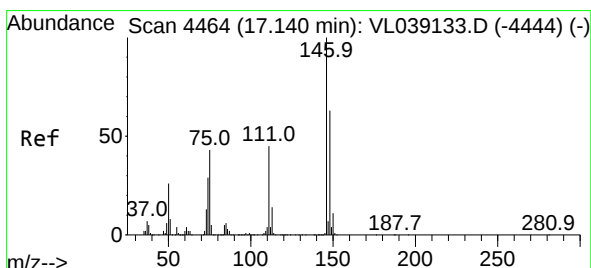
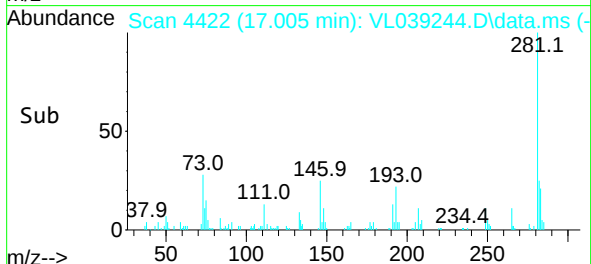
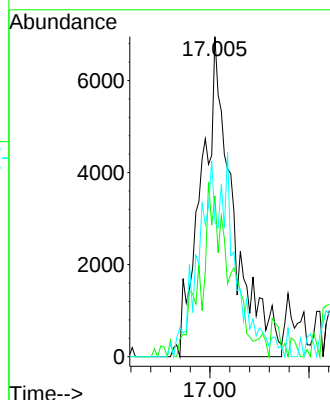
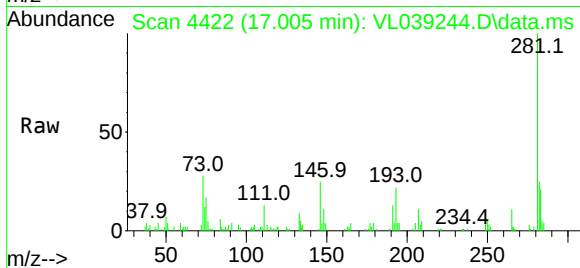
LOQ-AIR-02-QT2-2022

Tgt Ion:146	Resp:	1554
Ion Ratio	Lower	Upper
146	100	
111	51.6	23.8 71.4
148	0.0	32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#76

1,4-Dichlorobenzene

Concen: 0.090 ppbv m

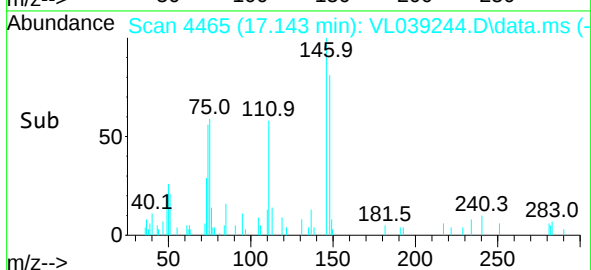
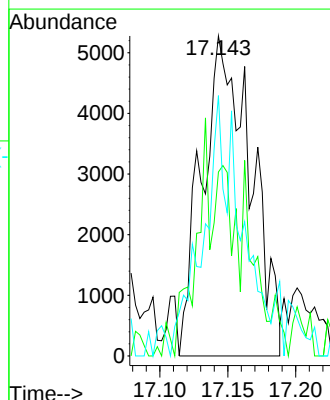
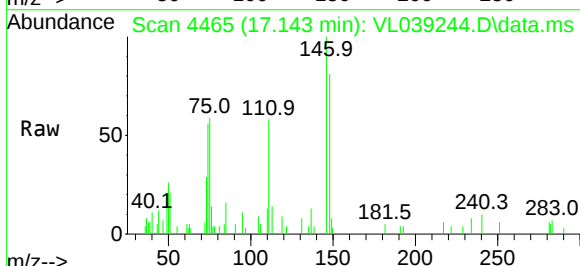
RT: 17.143 min Scan# 4465

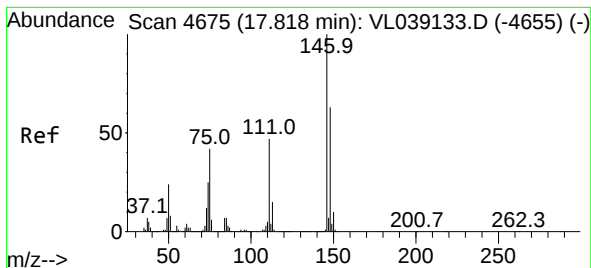
Delta R.T. 0.003 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Tgt Ion:146	Resp:	13153
Ion Ratio	Lower	Upper
146	100	
111	0.0	23.6 71.0
148	75.2	33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 0.104 ppbv m

RT: 17.825 min Scan# 4675

Delta R.T. 0.006 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

Instrument :

MSVOA_L

ClientSampleId :

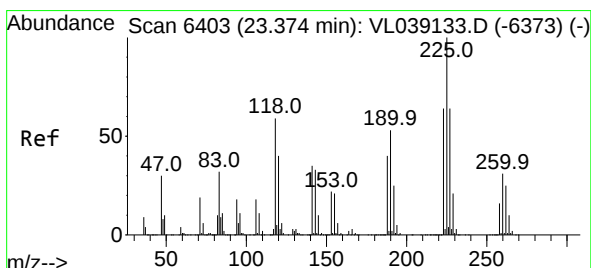
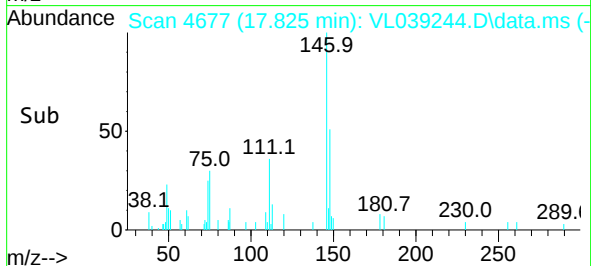
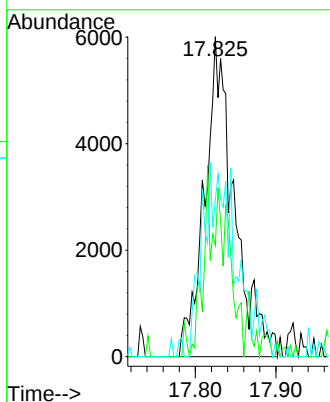
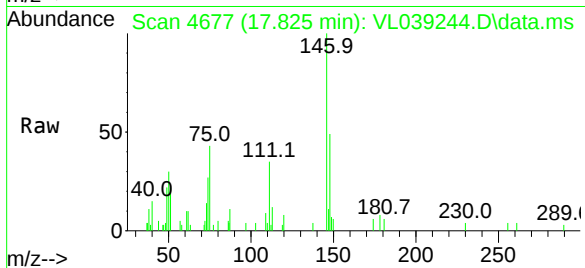
LOQ-AIR-02-QT2-2022

Tgt Ion:	146	Resp:	15228
Ion Ratio	Lower	Upper	
146	100		
111	51.5	24.4	73.4
148	70.4	32.1	96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.128 ppbv m

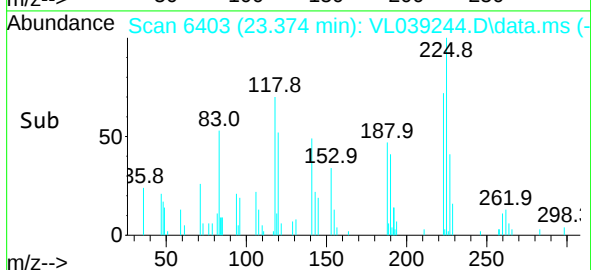
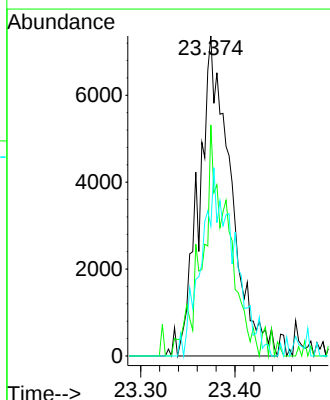
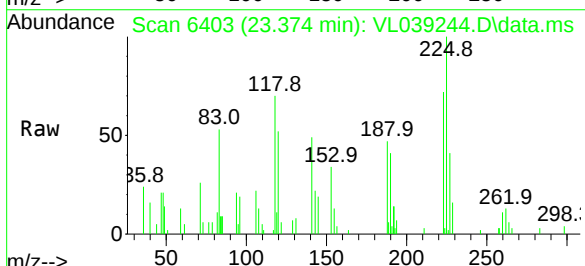
RT: 23.374 min Scan# 6403

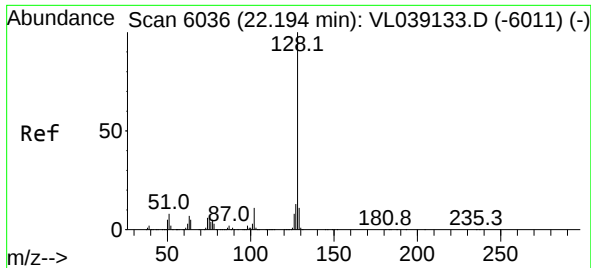
Delta R.T. 0.000 min

Lab File: VL039244.D

Acq: 8 Jun 2022 21:04

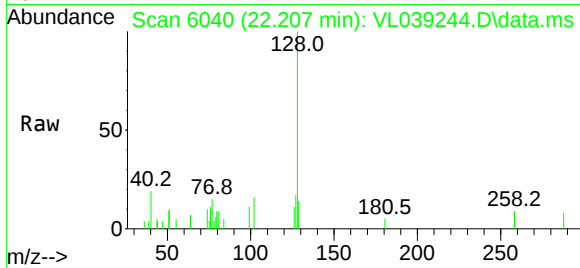
Tgt Ion:	225	Resp:	17126
Ion Ratio	Lower	Upper	
225	100		
223	60.8	51.4	77.0
227	61.0	50.6	75.8





#79
Naphthalene
Concen: 0.065 ppbv m
RT: 22.207 min Scan# 6036
Delta R.T. 0.013 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04

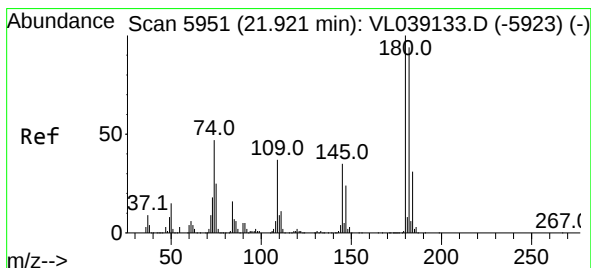
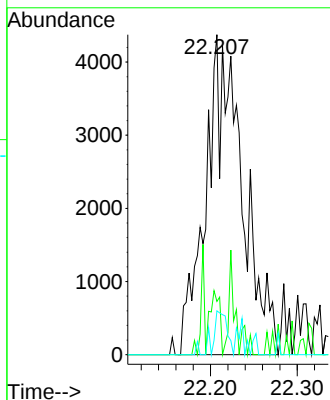
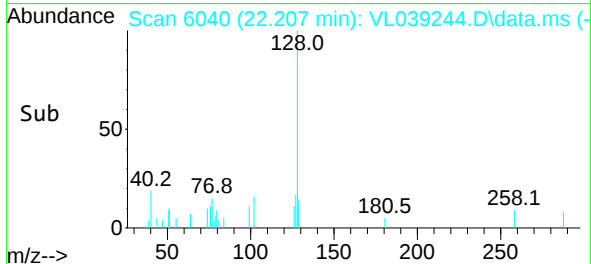
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



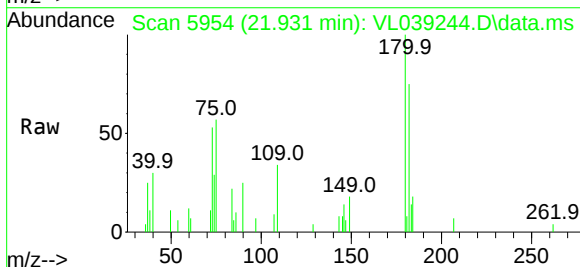
Tgt Ion:128 Resp: 12800
Ion Ratio Lower Upper
128 100
127 16.7 10.4 15.6
129 13.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#81
1,2,4-Trichlorobenzene
Concen: 0.071 ppbv m
RT: 21.931 min Scan# 5954
Delta R.T. 0.010 min
Lab File: VL039244.D
Acq: 8 Jun 2022 21:04



Tgt Ion:180 Resp: 8913
Ion Ratio Lower Upper
180 100
182 0.0 0.0 0.0
184 0.0 0.0 0.0

