

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039324.D
 Acq On : 22 Jun 2022 17:40
 Operator : SY/AP
 Sample : N3214-14 LOQ 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 23 07:28:52 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:28:52 2022

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

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Bromochloromethane	5.664	49	1157864	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3379177	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3006884	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2234889	8.990	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	89.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.047	85	30009	0.148	ppbv	92
3) Chlorodifluoromethane	2.996	51	16873m	0.115	ppbv	
4) Chloromethane	3.144	50	9377m	0.124	ppbv	
5) Vinyl Chloride	3.259	62	9818m	0.139	ppbv	
6) Bromomethane	3.472	94	5063m	0.145	ppbv	
7) Chloroethane	3.558	64	3774m	0.153	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	22061	0.119	ppbv #	80
9) Propene	3.015	41	14742m	0.229	ppbv	
10) Heptane	8.111	43	15131m	0.101	ppbv	
11) Trichlorofluoromethane	3.951	101	22309m	0.121	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.488	101	18204	0.150	ppbv	94
13) Ethanol	3.600	45	166	0.047	ppbv #	100
14) Bromoethene	3.742	108	5823	0.106	ppbv #	74
15) Acetone	3.874	43	22062m	0.183	ppbv	
16) 1,3-Butadiene	3.333	39	9844m	0.152	ppbv	
17) tert-Butyl alcohol	4.317	59	11944m	0.128	ppbv	
18) 1,1-Dichloroethene	4.288	96	7616m	0.139	ppbv	
19) Isopropyl Alcohol	4.009	45	8624m	0.152	ppbv	
20) Methylene Chloride	4.346	84	11949m	0.235	ppbv	
21) Allyl Chloride	4.411	41	12343m	0.152	ppbv	
22) trans-1,2-Dichloroethene	4.883	96	6705m	0.128	ppbv	
23) Vinyl Acetate	5.086	43	11809m	0.118	ppbv	
24) 1,1-Dichloroethane	5.012	63	14961	0.109	ppbv #	95
25) Ethyl Acetate	5.690	43	29026m	0.107	ppbv	
26) Hexane	5.690	57	13770m	0.115	ppbv	
27) Carbon Disulfide	4.552	76	12361m	0.100	ppbv	
28) Methyl tert-Butyl Ether	5.050	73	14020m	0.106	ppbv	
29) Chloroform	5.748	83	23585m	0.117	ppbv	
30) Cyclohexane	7.140	84	14418m	0.144	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	13096m	0.108	ppbv	
32) 1,1,1-Trichloroethane	6.507	97	19722m	0.100	ppbv	
34) 2-Butanone	5.266	43	19508m	0.106	ppbv	
35) Carbon Tetrachloride	7.015	117	19999m	0.081	ppbv	
36) Benzene	6.890	78	26527	0.097	ppbv	99
37) 1,2-Dichloroethane	6.301	62	15453m	0.086	ppbv	
38) Trichloroethene	7.832	130	13971m	0.111	ppbv	
39) 1,2-Dichloropropane	7.613	63	12027m	0.110	ppbv	
40) 1,4-Dioxane	7.896	88	4480m	0.125	ppbv	
41) Tetrahydrofuran	6.082	42	10723m	0.097	ppbv	
42) Bromodichloromethane	7.793	83	17907m	0.071	ppbv	
43) Methyl Methacrylate	8.028	69	8917m	0.083	ppbv	
44) 2,2,4-Trimethylpentane	7.861	57	42637m	0.089	ppbv	
45) t-1,3-Dichloropropene	9.269	75	5226m	0.047	ppbv	

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

Quant Time: Jun 23 07:28:52 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:28:52 2022

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

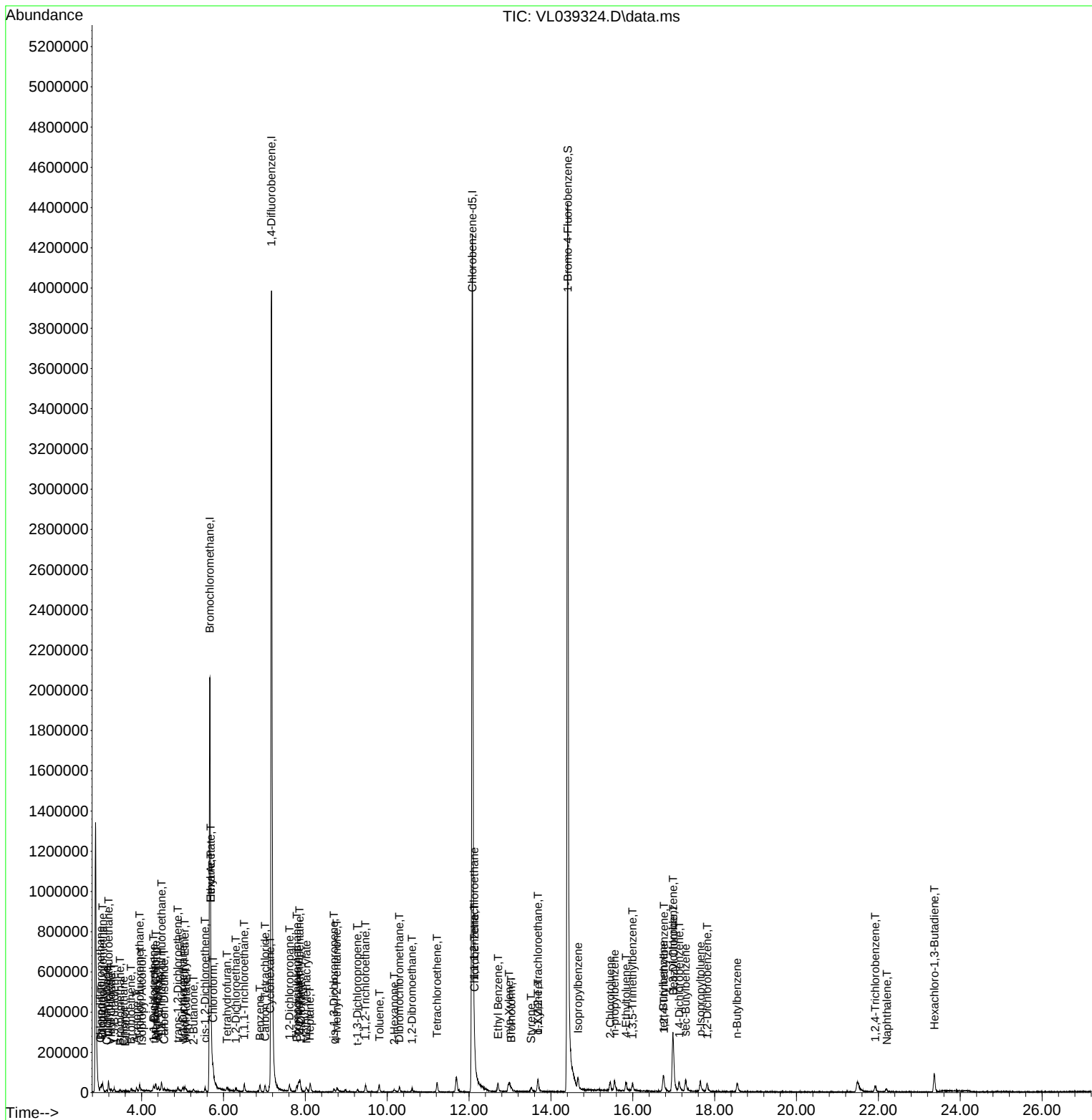
Response via : Initial Calibration

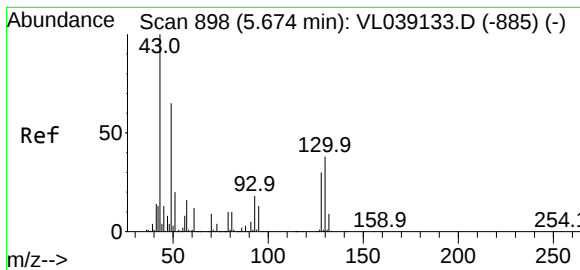
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.697	75	9094m	0.062	ppbv	
47) 1,1,2-Trichloroethane	9.471	97	10986m	0.097	ppbv	
48) Dibromochloromethane	10.295	129	12753m	0.063	ppbv	
49) Bromoform	13.031	173	9334m	0.055	ppbv	
50) 4-Methyl-2-Pentanone	8.770	43	22032m	0.080	ppbv	
51) 2-Hexanone	10.172	43	14215m	0.066	ppbv	
52) Tetrachloroethene	11.221	164	10565m	0.099	ppbv	
53) Toluene	9.809	91	26939m	0.085	ppbv	
54) 1,2-Dibromoethane	10.603	107	14947m	0.098	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.127	131	13254m	0.093	ppbv	
57) Chlorobenzene	12.134	112	27827m	0.123	ppbv	
58) Ethyl Benzene	12.709	91	35623m	0.086	ppbv	
59) m/p-Xylene	12.979	91	57369m	0.157	ppbv	
60) o-Xylene	13.683	91	27229m	0.079	ppbv	
61) Styrene	13.513	104	12180m	0.066	ppbv	
62) Isopropylbenzene	14.664	105	49439m	0.097	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.683	83	16953m	0.088	ppbv	
64) n-propylbenzene	15.558	120	10485m	0.084	ppbv	
65) tert-Butylbenzene	16.744	119	39671m	0.085	ppbv	
66) Benzyl Chloride	16.989	91	3373m	0.056	ppbv	
67) sec-Butylbenzene	17.294	105	53987m	0.085	ppbv	
69) p-Isopropyltoluene	17.654	119	41291m	0.077	ppbv	
70) n-Butylbenzene	18.545	91	36717m	0.067	ppbv	
71) 2-Chlorotoluene	15.449	91	35012m	0.090	ppbv	
72) 4-Ethyltoluene	15.835	105	30615m	0.076	ppbv	
73) 1,3,5-Trimethylbenzene	15.995	105	29209m	0.081	ppbv	
74) 1,2,4-Trimethylbenzene	16.761	105	32149m	0.080	ppbv	
75) 1,3-Dichlorobenzene	16.986	146	24948m	0.109	ppbv	
76) 1,4-Dichlorobenzene	17.133	146	22806m	0.100	ppbv	
77) 1,2-Dichlorobenzene	17.818	146	24278m	0.105	ppbv	
78) Hexachloro-1,3-Butadiene	23.368	225	22935m	0.109	ppbv	
79) Naphthalene	22.210	128	16343m	0.053	ppbv	
81) 1,2,4-Trichlorobenzene	21.924	180	14188m	0.072	ppbv	

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

Manual Integrations APPROVED

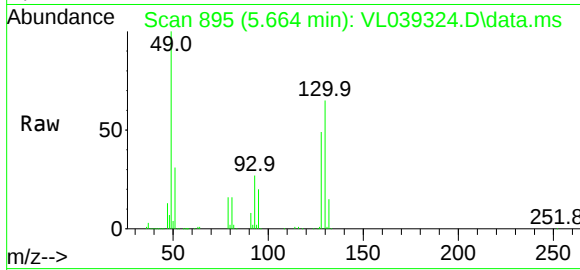
Quant Time: Jun 23 07:28:52 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 89
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

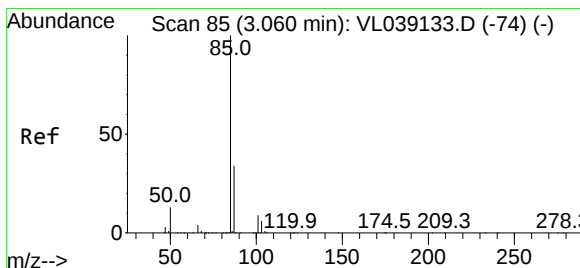
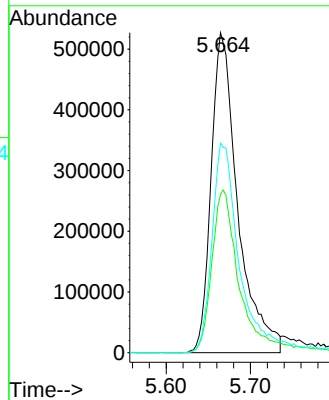
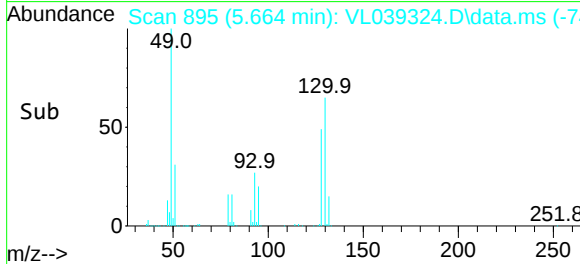
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 49 Resp: 1157864
Ion Ratio Lower Upper
49 100
128 54.8 24.7 74.1
130 70.1 31.4 94.0

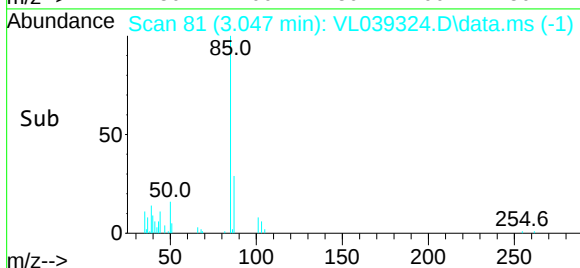
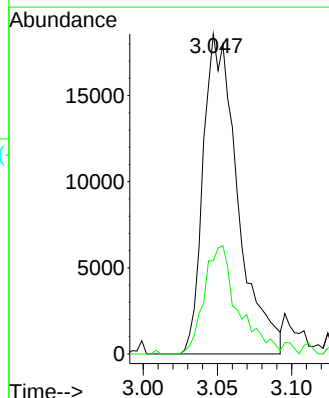
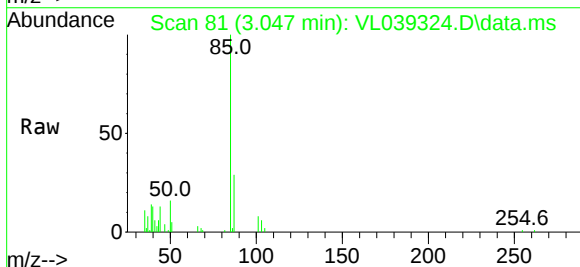
Manual Integrations
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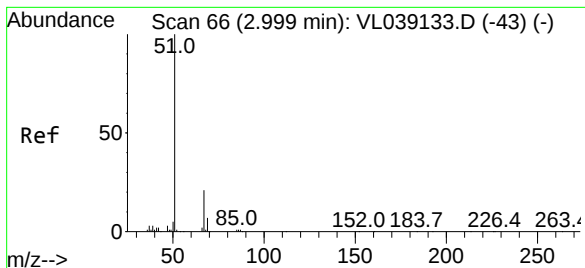
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 0.148 ppbv
RT: 3.047 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

Tgt Ion: 85 Resp: 30009
Ion Ratio Lower Upper
85 100
87 29.1 26.9 40.3





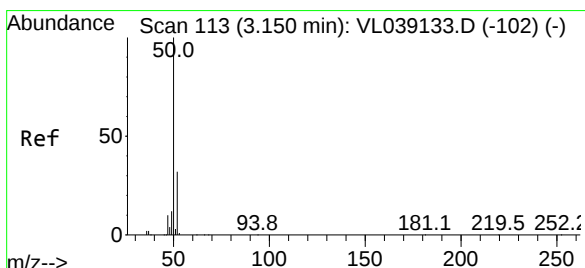
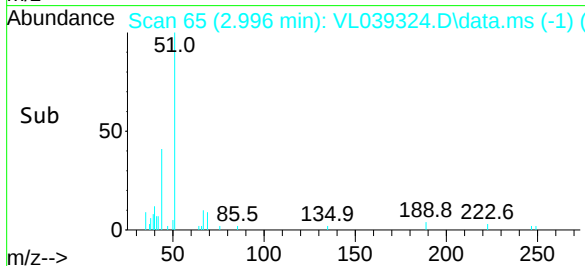
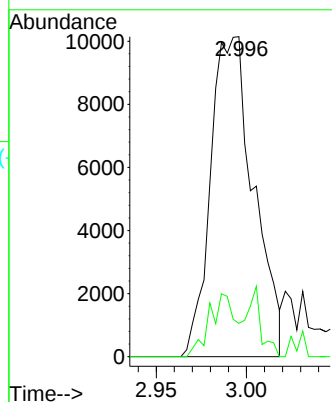
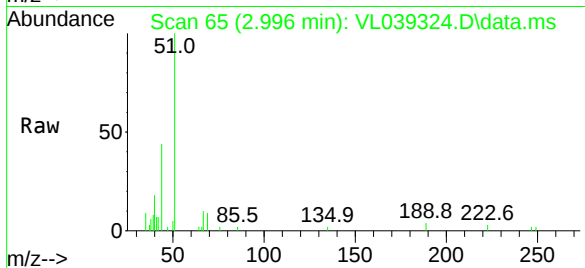
#3
Chlorodifluoromethane
Concen: 0.115 ppbv m
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

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

Tgt Ion: 51 Resp: 1687
Ion Ratio Lower Upper
51 100
67 0.7 16.2 24.4

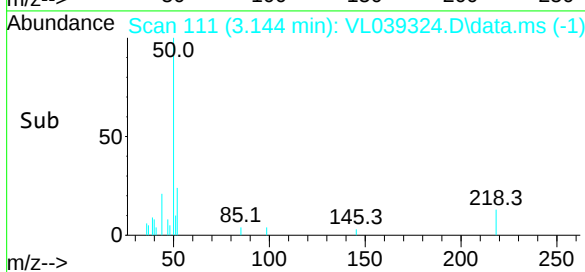
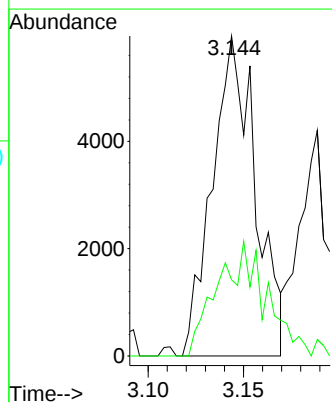
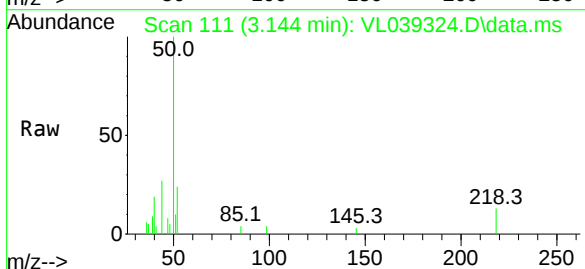
Manual Integrations
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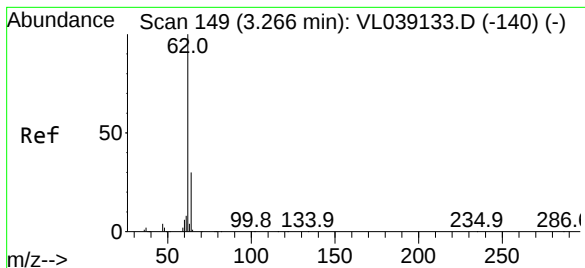
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Chloromethane
Concen: 0.124 ppbv m
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

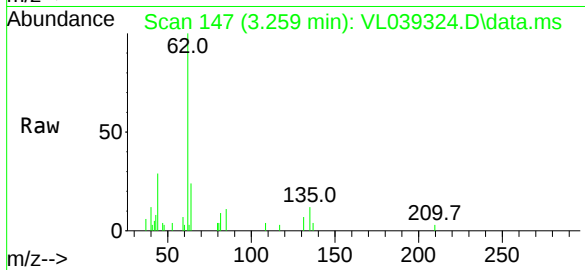
Tgt Ion: 50 Resp: 9377
Ion Ratio Lower Upper
50 100
52 23.8 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.139 ppbv m
 RT: 3.259 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

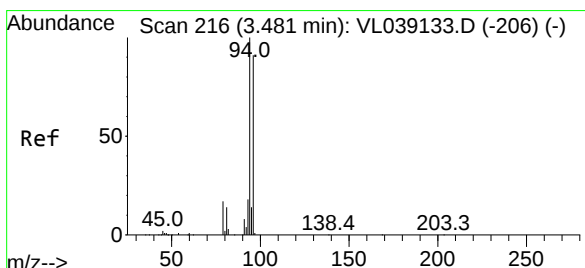
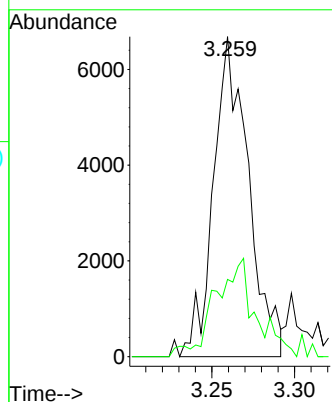
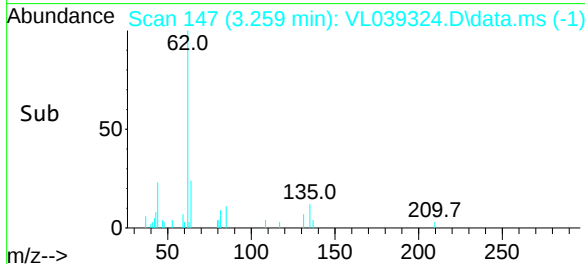
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 62 Resp: 9818
 Ion Ratio Lower Upper
 62 100
 64 24.1 24.2 36.2

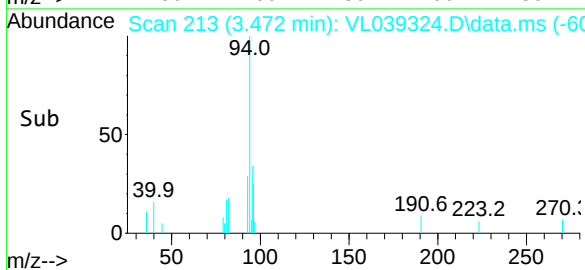
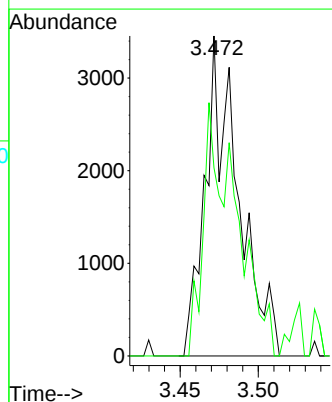
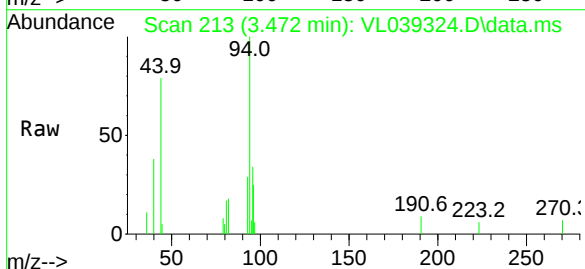
Manual Integrations
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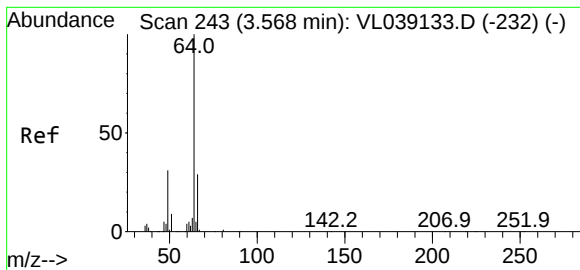
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#6
 Bromomethane
 Concen: 0.145 ppbv m
 RT: 3.472 min Scan# 213
 Delta R.T. -0.010 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

Tgt Ion: 94 Resp: 5063
 Ion Ratio Lower Upper
 94 100
 96 33.6 73.0 109.4





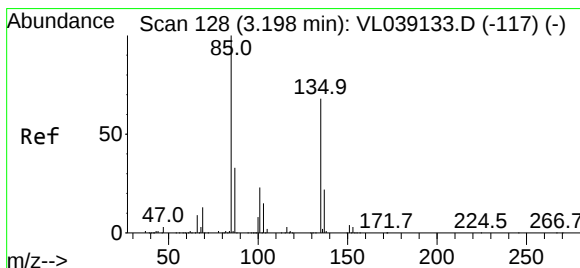
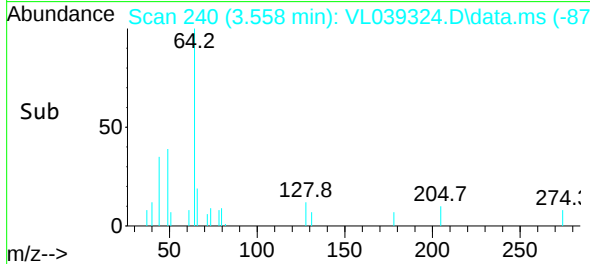
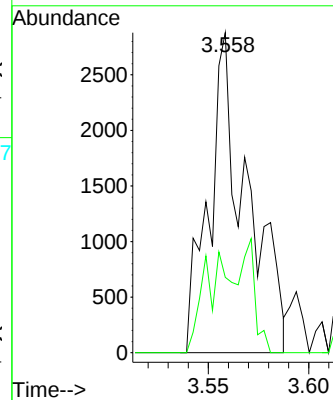
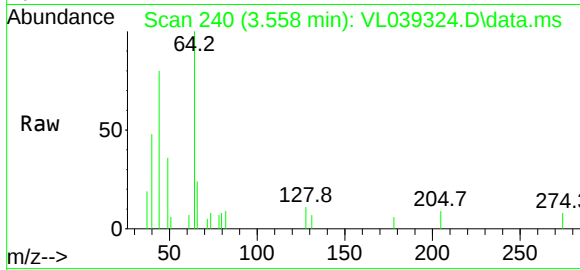
#7
Chloroethane
Concen: 0.153 ppbv m
RT: 3.558 min Scan# 243
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

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

Tgt Ion: 64 Resp: 3774
Ion Ratio Lower Upper
64 100
66 23.5 23.6 35.4

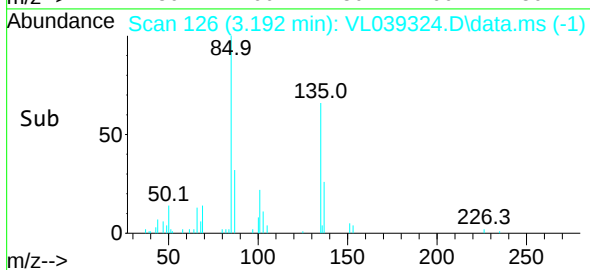
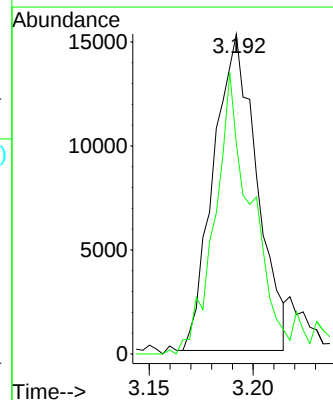
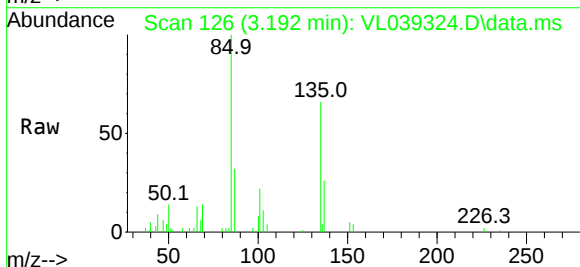
Manual Integrations
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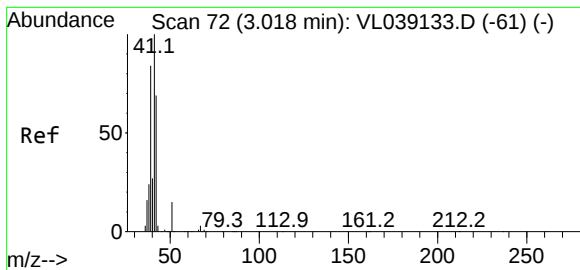
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Dichlorotetrafluoroethane
Concen: 0.119 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

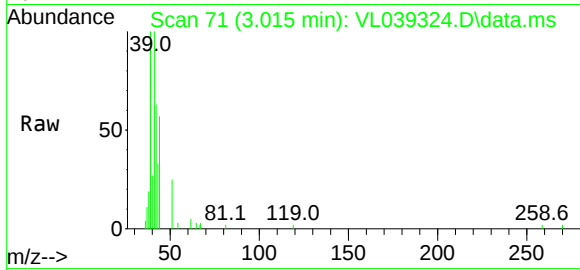
Tgt Ion: 85 Resp: 22061
Ion Ratio Lower Upper
85 100
135 85.2 55.0 82.4





#9
Propene
Concen: 0.229 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

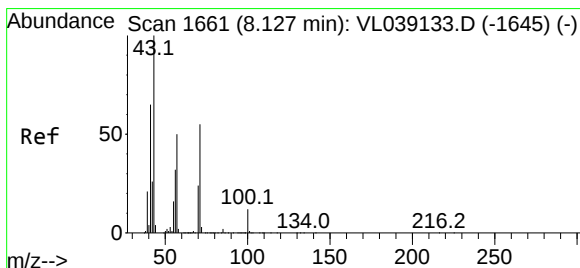
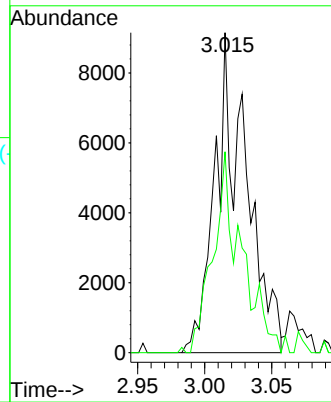
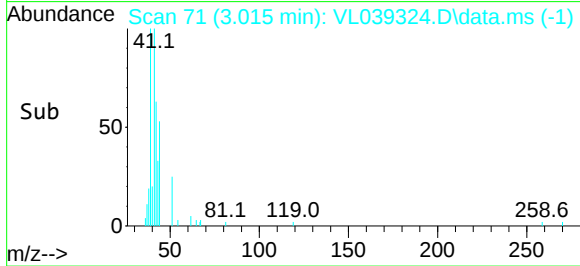
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 41 Resp: 1474
Ion Ratio Lower Upper
41 100
42 59.7 55.4 83.2

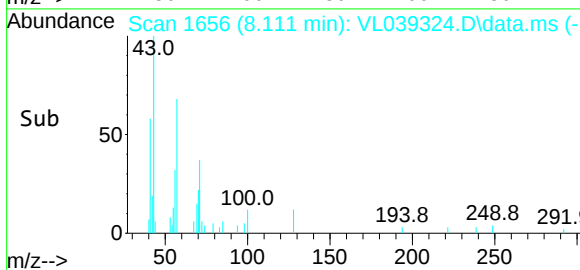
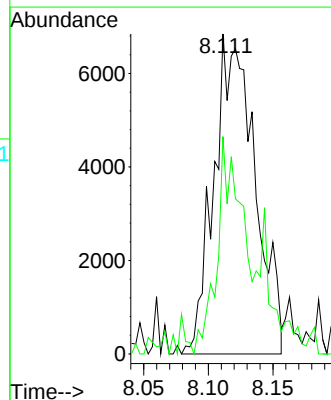
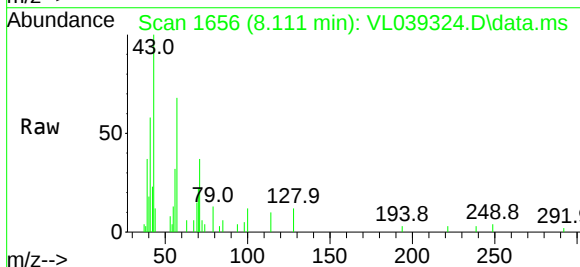
Manual Integrations
APPROVED

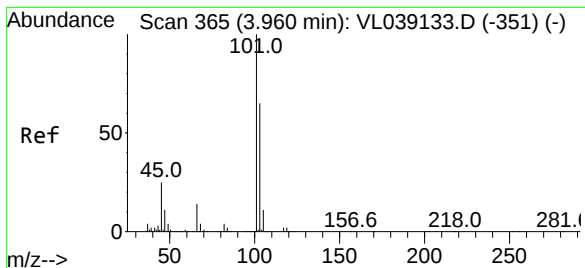
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#10
Heptane
Concen: 0.101 ppbv m
RT: 8.111 min Scan# 1656
Delta R.T. -0.016 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

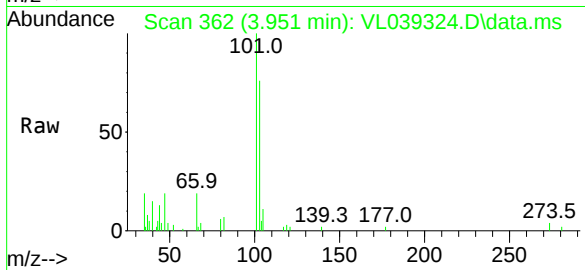
Tgt Ion: 43 Resp: 15131
Ion Ratio Lower Upper
43 100
57 60.4 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.121 ppbv m
RT: 3.951 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

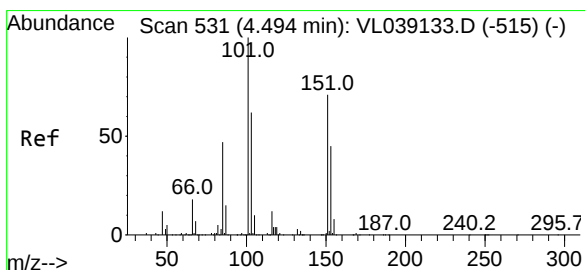
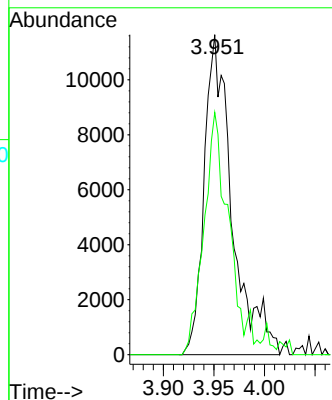
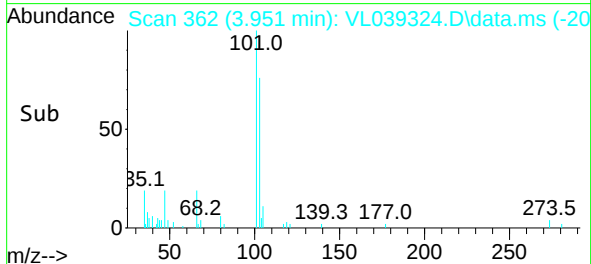
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



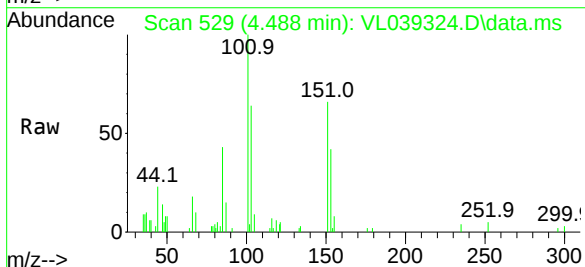
Tgt Ion:101 Resp: 22309
Ion Ratio Lower Upper
101 100
103 75.7 51.7 77.5

Manual Integrations
APPROVED

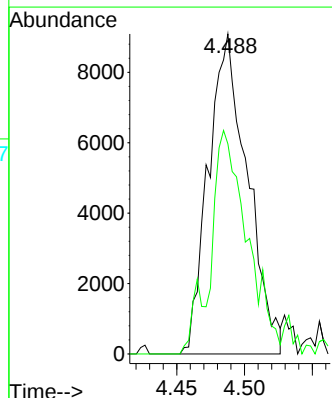
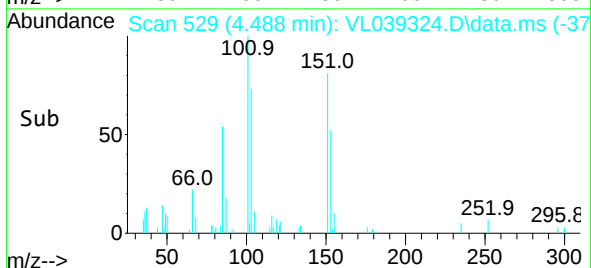
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

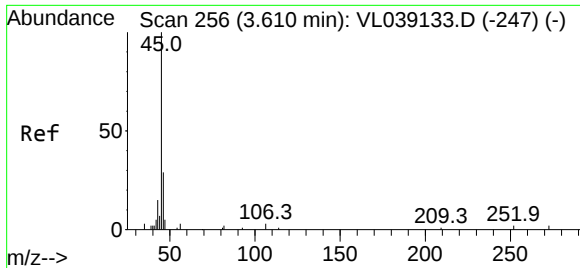


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.150 ppbv
RT: 4.488 min Scan# 529
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



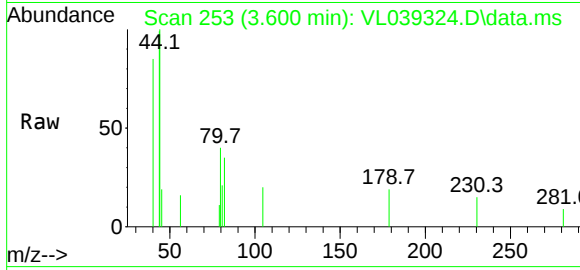
Tgt Ion:101 Resp: 18204
Ion Ratio Lower Upper
101 100
151 68.7 59.4 89.0





#13
Ethanol
Concen: 0.047 ppbv
RT: 3.600 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

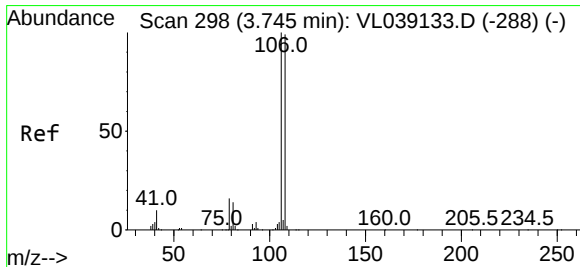
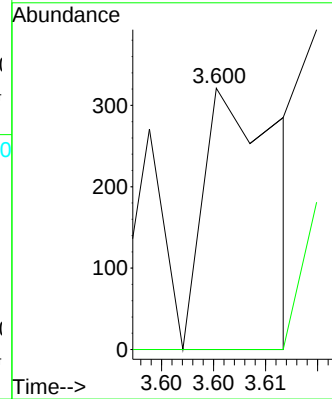
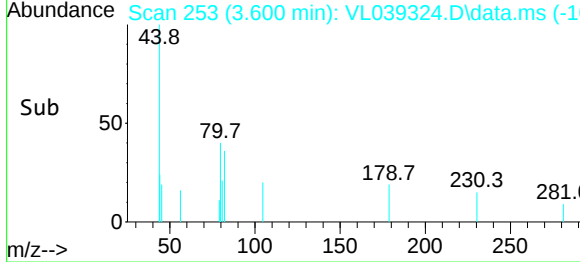
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



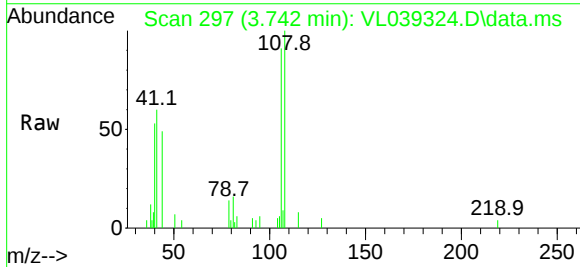
Tgt Ion: 45 Resp: 160
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

Manual Integrations
APPROVED

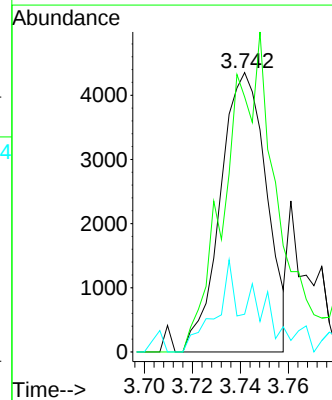
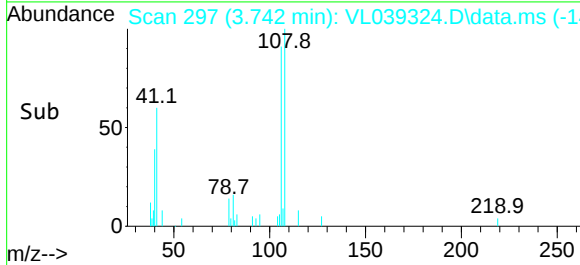
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

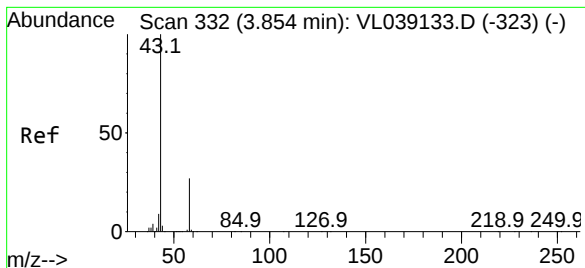


#14
Bromoethene
Concen: 0.106 ppbv
RT: 3.742 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



Tgt Ion:108 Resp: 5823
Ion Ratio Lower Upper
108 100
106 137.2 88.4 132.6#
79 32.0 13.4 20.2#





#15

Acetone

Concen: 0.183 ppbv m

RT: 3.874 min Scan# 31

Delta R.T. 0.019 min

Lab File: VL039324.D

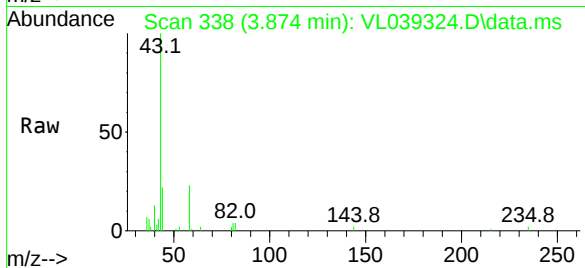
Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 2206

Ion Ratio Lower Upper

43 100

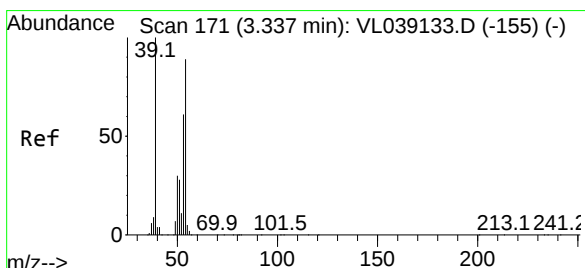
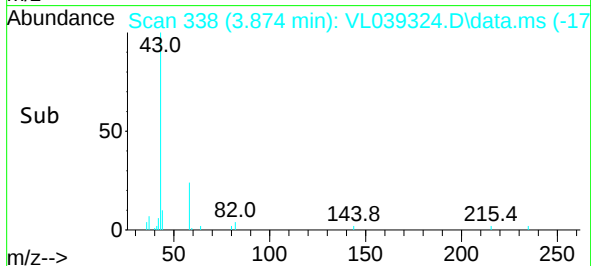
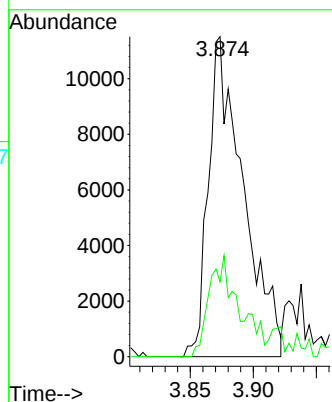
58 0.0 22.5 33.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#16

1,3-Butadiene

Concen: 0.152 ppbv m

RT: 3.333 min Scan# 170

Delta R.T. -0.003 min

Lab File: VL039324.D

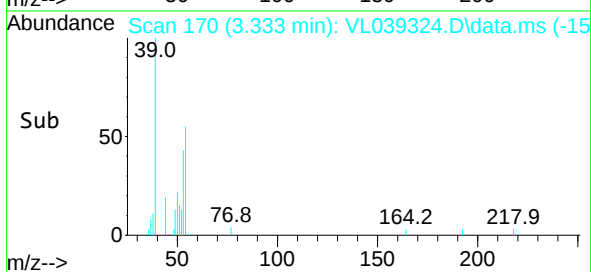
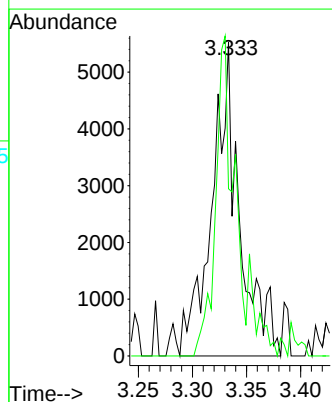
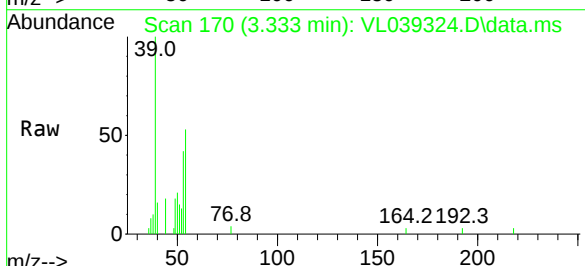
Acq: 22 Jun 2022 17:40

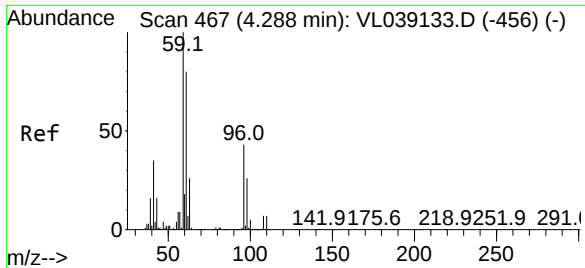
Tgt Ion: 39 Resp: 9844

Ion Ratio Lower Upper

39 100

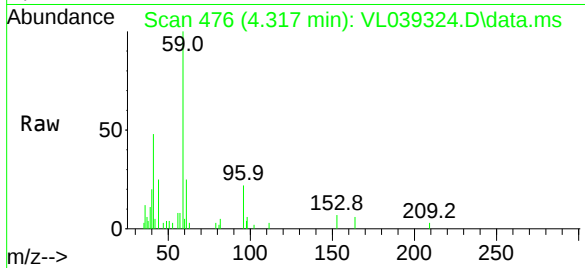
54 77.0 65.8 98.6





#17
tert-Butyl alcohol
Concen: 0.128 ppbv m
RT: 4.317 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

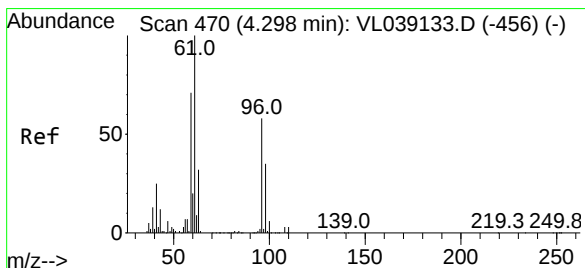
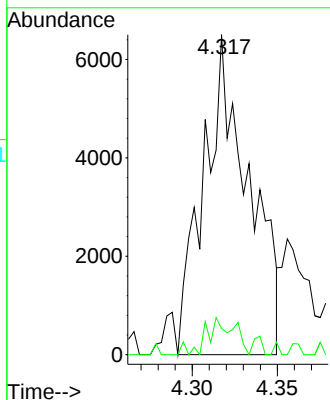
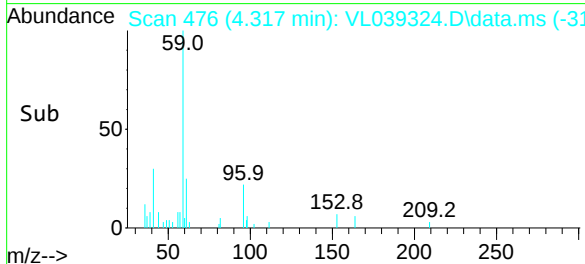
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



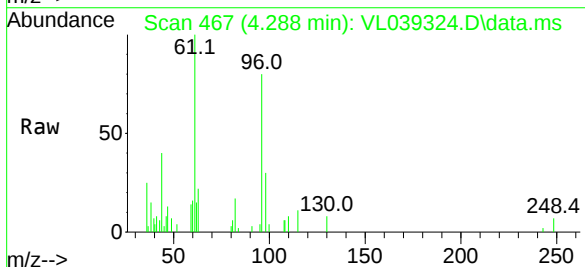
Tgt Ion: 59 Resp: 11944
Ion Ratio Lower Upper
59 100
57 0.0 9.1 13.7

Manual Integrations
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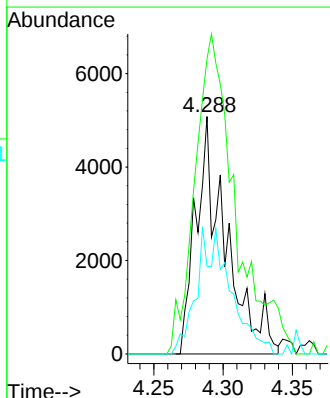
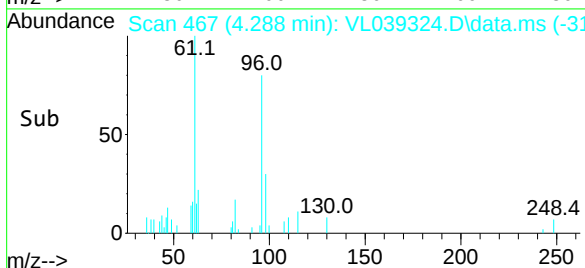
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

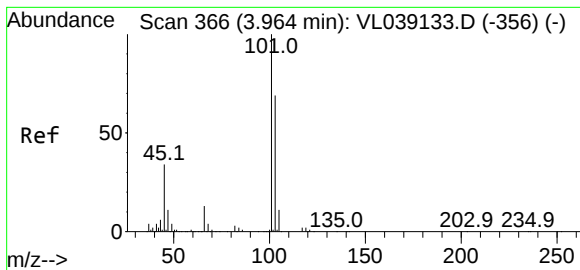


#18
1,1-Dichloroethene
Concen: 0.139 ppbv m
RT: 4.288 min Scan# 467
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



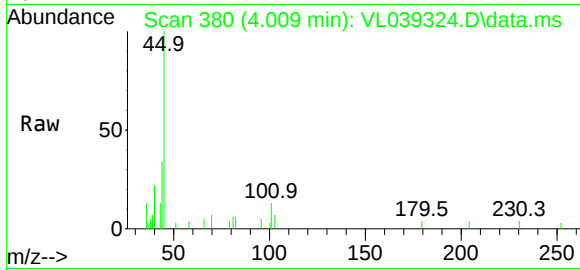
Tgt Ion: 96 Resp: 7616
Ion Ratio Lower Upper
96 100
61 124.3 138.4 207.6#
98 36.9 47.8 71.8#





#19
Isopropyl Alcohol
Concen: 0.152 ppbv m
RT: 4.009 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

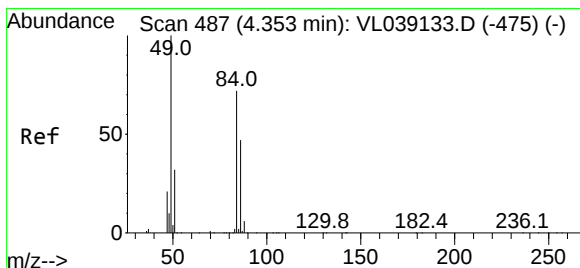
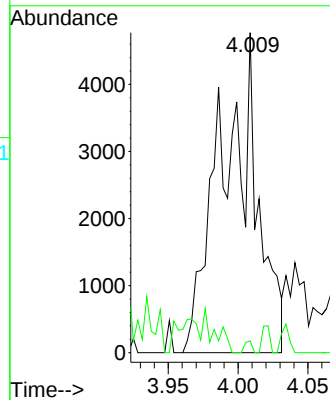
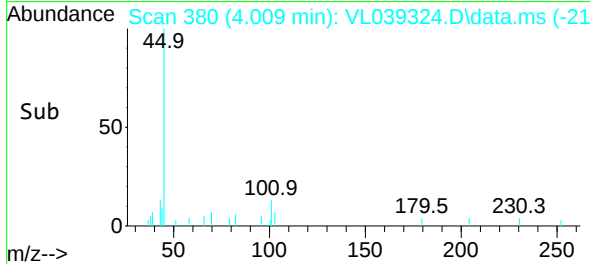
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



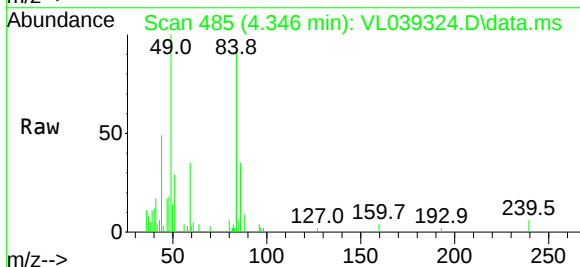
Tgt Ion: 45 Resp: 8624
Ion Ratio Lower Upper
45 100
58 10.5 1.8 2.8

Manual Integrations
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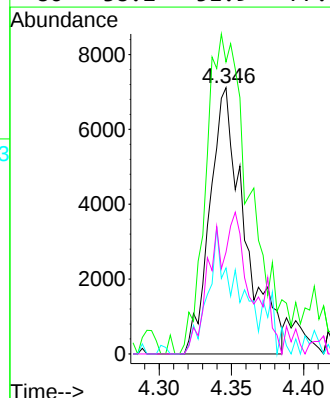
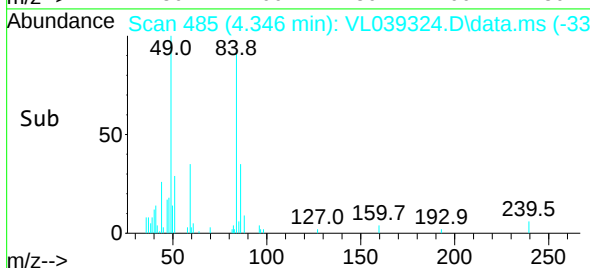
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

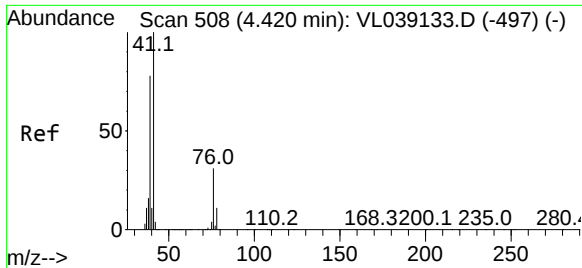


#20
Methylene Chloride
Concen: 0.235 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



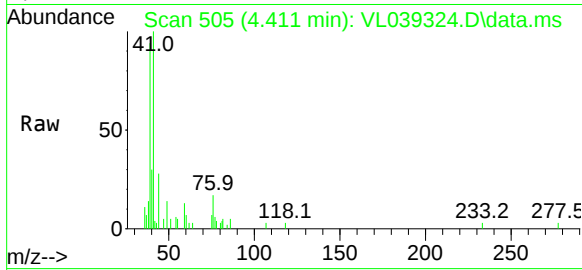
Tgt Ion: 84 Resp: 11949
Ion Ratio Lower Upper
84 100
49 109.7 111.1 166.7#
51 32.3 35.3 52.9#
86 38.2 51.9 77.9#





#21
 Allyl Chloride
 Concen: 0.152 ppbv m
 RT: 4.411 min Scan# 508
 Delta R.T. -0.010 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

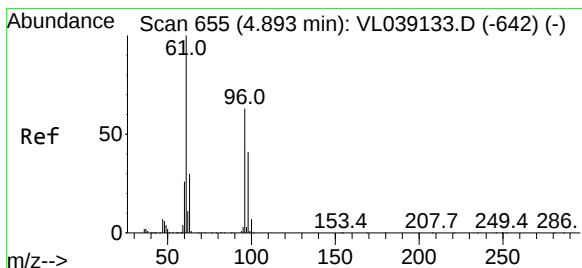
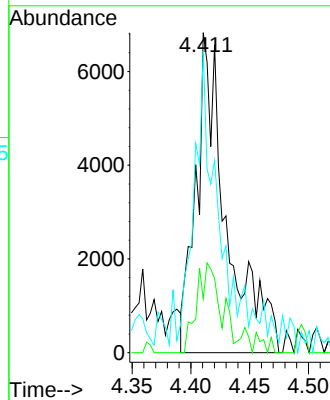
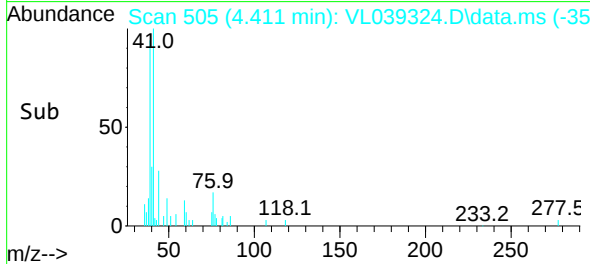
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 41 Resp: 1234
 Ion Ratio Lower Upper
 41 100
 76 26.1 24.2 36.2
 39 91.6 62.2 93.2

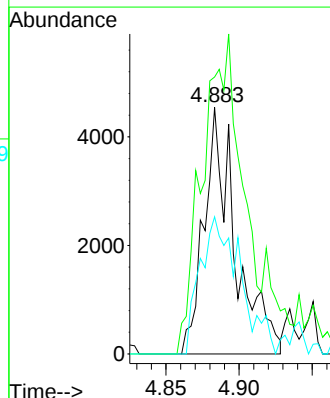
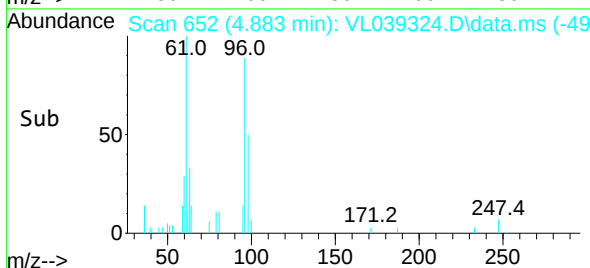
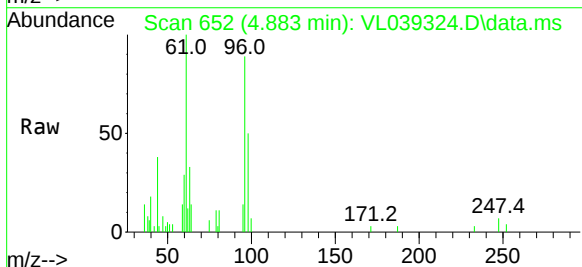
Manual Integrations
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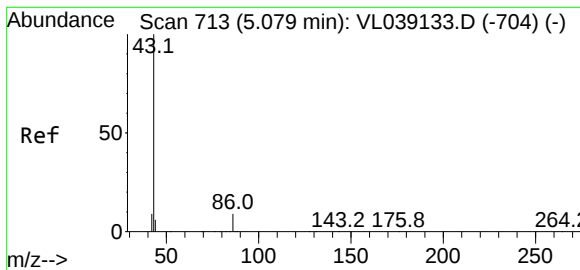
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.128 ppbv m
 RT: 4.883 min Scan# 652
 Delta R.T. -0.010 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

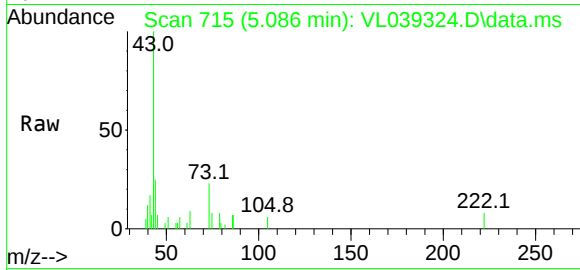
Tgt Ion: 96 Resp: 6705
 Ion Ratio Lower Upper
 96 100
 61 112.3 126.6 190.0#
 98 55.6 52.5 78.7





#23
 Vinyl Acetate
 Concen: 0.118 ppbv m
 RT: 5.086 min Scan# 713
 Delta R.T. 0.006 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

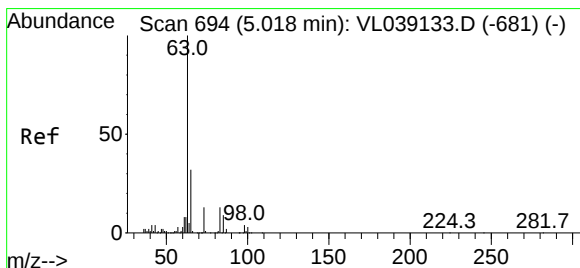
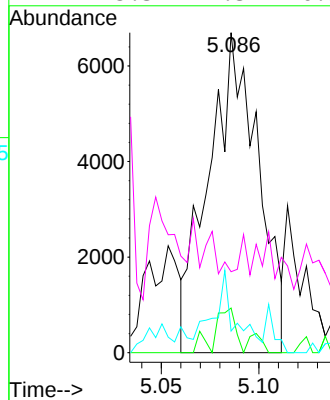
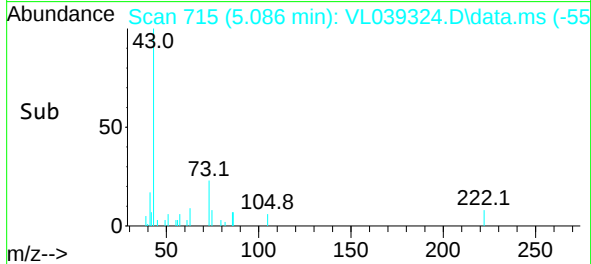
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 11809
 Ion Ratio Lower Upper
 43 100
 86 7.0 6.0 9.0
 42 6.7 8.2 12.4
 44 25.3 4.3 6.5#

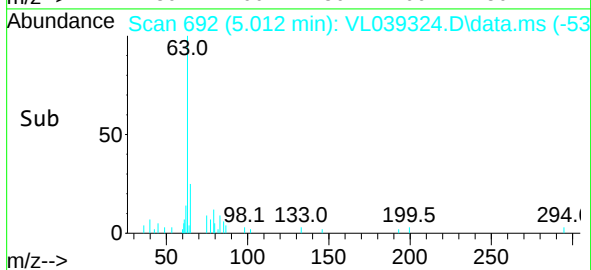
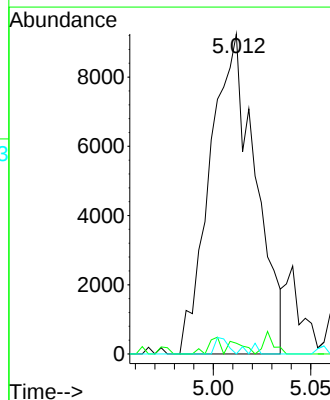
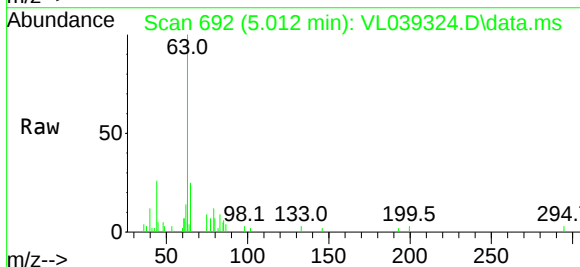
Manual Integrations
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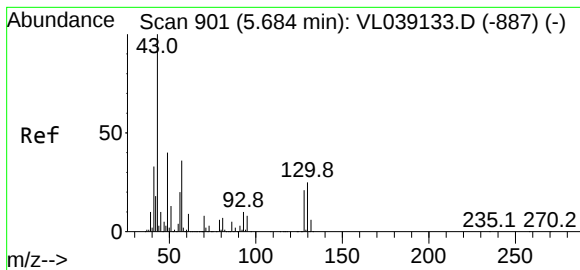
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#24
 1,1-Dichloroethane
 Concen: 0.109 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

Tgt Ion: 63 Resp: 14961
 Ion Ratio Lower Upper
 63 100
 98 3.3 2.1 6.2
 100 0.0 1.5 4.5#





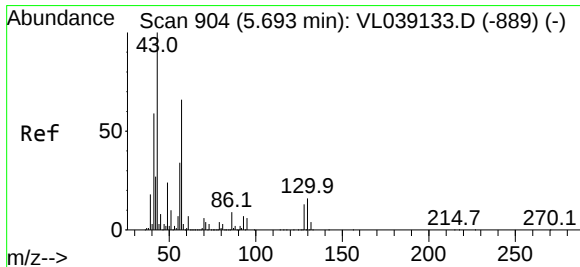
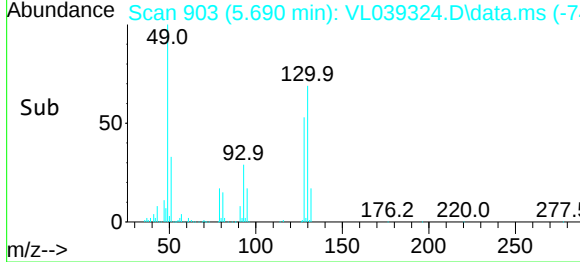
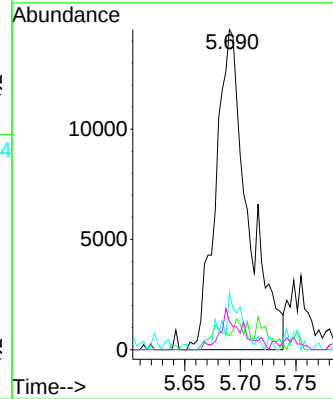
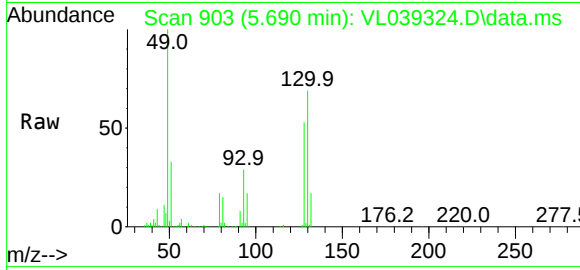
#25
Ethyl Acetate
Concen: 0.107 ppbv m
RT: 5.690 min Scan# 903
Delta R.T. 0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

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

Tgt Ion: 43	Resp: 2902
Ion Ratio	Lower Upper
43 100	
45 0.5	8.2 12.2
61 14.3	8.4 12.6
70 8.4	5.6 8.4

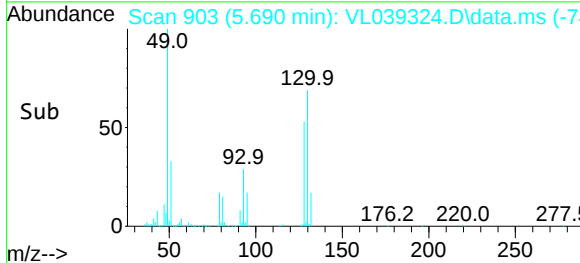
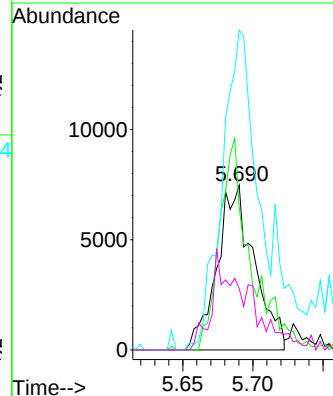
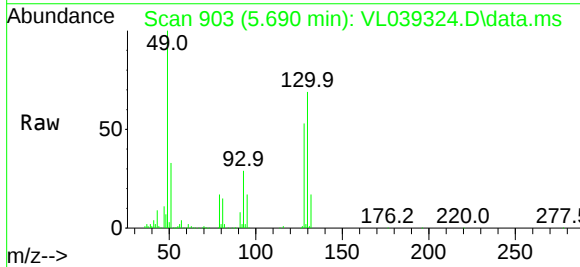
Manual Integrations
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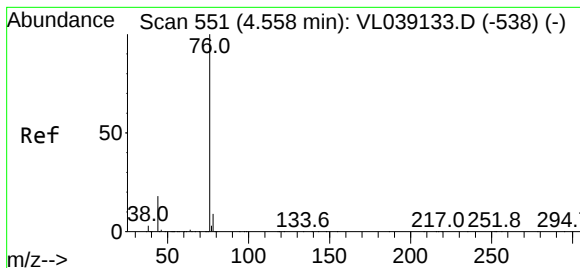
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Hexane
Concen: 0.115 ppbv m
RT: 5.690 min Scan# 903
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

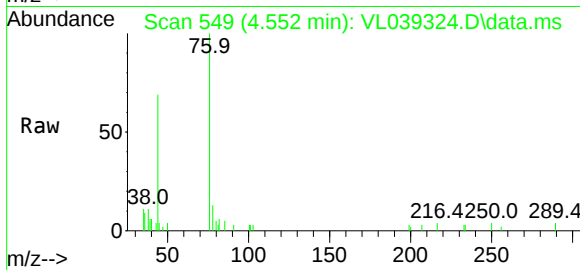
Tgt Ion: 57	Resp: 13770
Ion Ratio	Lower Upper
57 100	
41 108.8	72.4 108.6
43 208.6	187.0 280.6
56 0.0	41.8 62.6





#27
Carbon Disulfide
Concen: 0.100 ppbv m
RT: 4.552 min Scan# 549
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

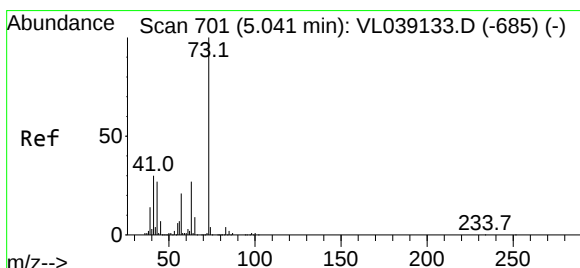
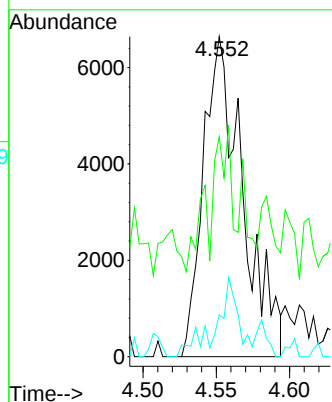
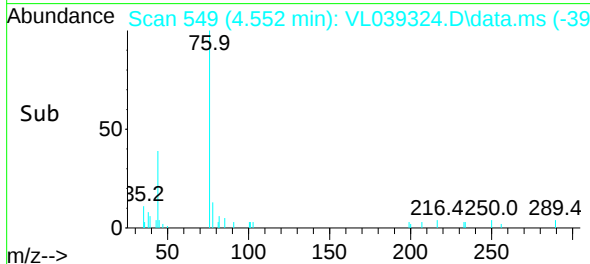
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 76 Resp: 1236
Ion Ratio Lower Upper
76 100
44 34.7 14.4 21.6
78 18.5 7.7 11.5

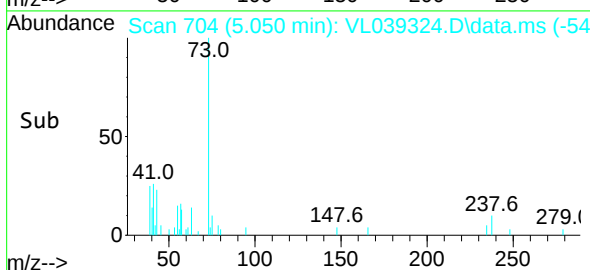
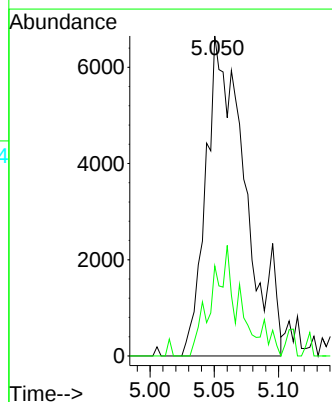
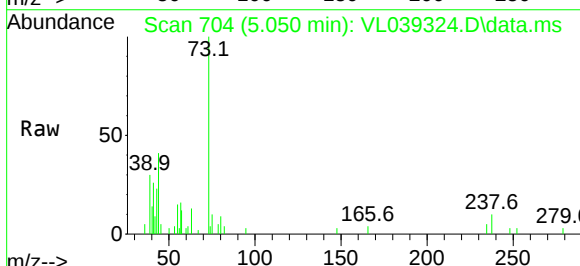
Manual Integrations
APPROVED

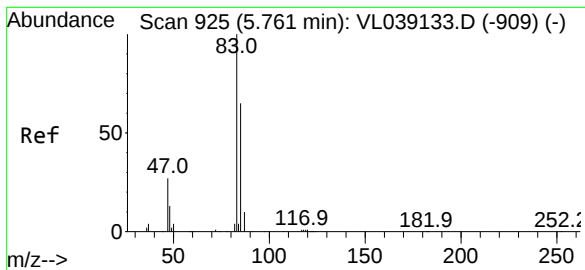
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Methyl tert-Butyl Ether
Concen: 0.106 ppbv m
RT: 5.050 min Scan# 704
Delta R.T. 0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

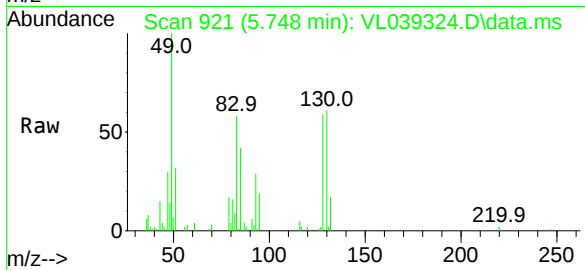
Tgt Ion: 73 Resp: 14020
Ion Ratio Lower Upper
73 100
57 0.0 18.6 27.8





#29
Chloroform
Concen: 0.117 ppbv m
RT: 5.748 min Scan# 91
Delta R.T. -0.013 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

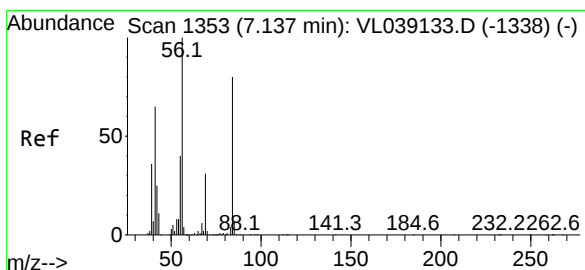
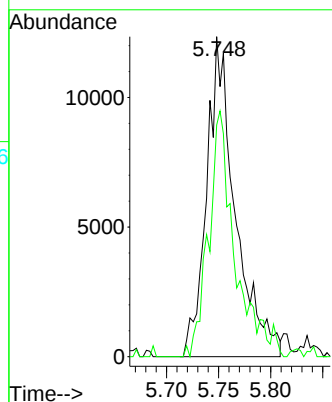
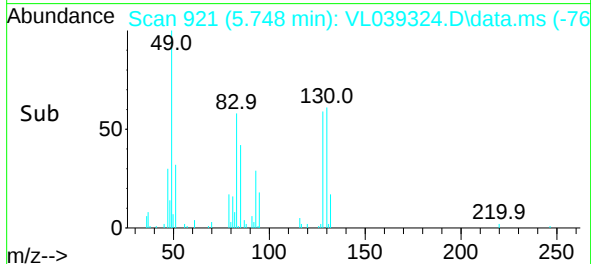
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



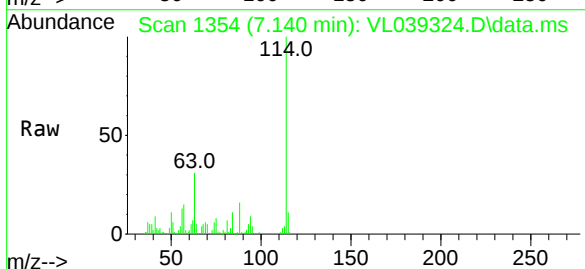
Tgt Ion: 83 Resp: 2358
Ion Ratio Lower Upper
83 100
85 72.4 52.4 78.6

Manual Integrations
APPROVED

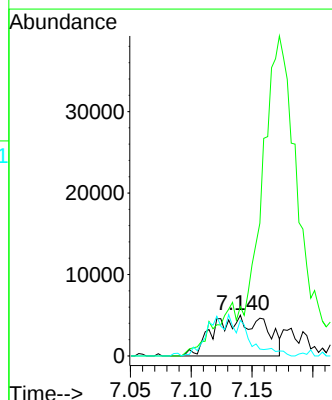
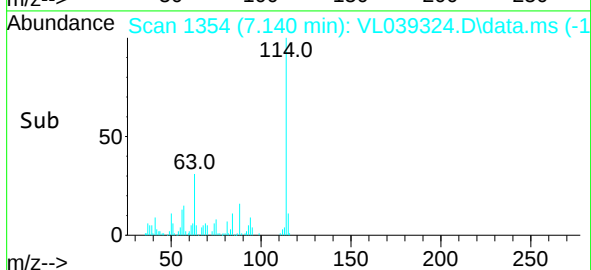
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

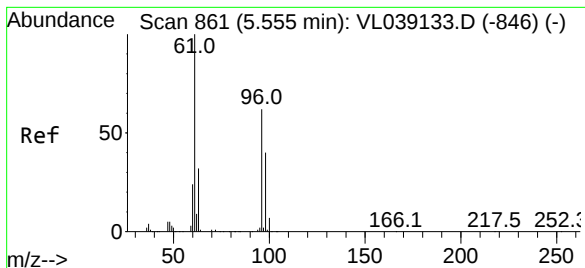


#30
Cyclohexane
Concen: 0.144 ppbv m
RT: 7.140 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



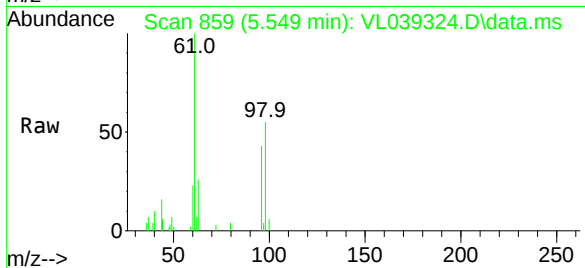
Tgt Ion: 84 Resp: 14418
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 0.0 68.9 103.3#





#31
cis-1,2-Dichloroethene
Concen: 0.108 ppbv m
RT: 5.549 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

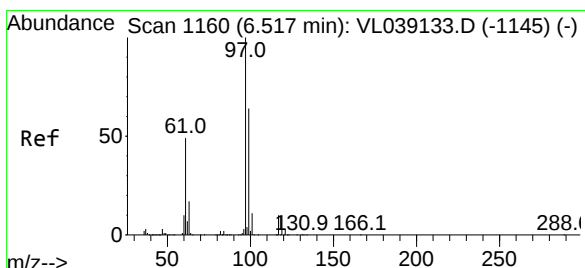
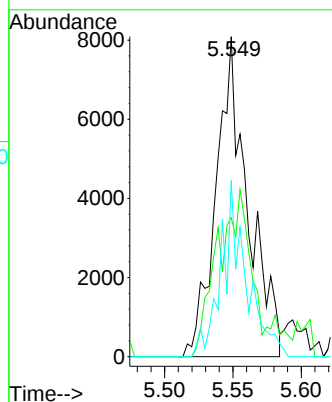
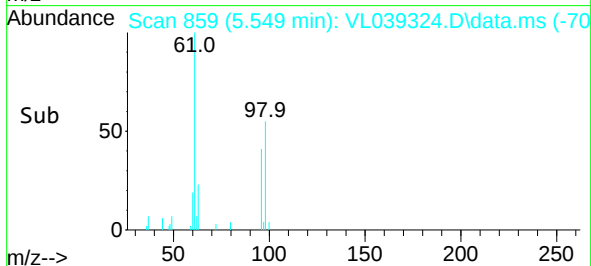
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



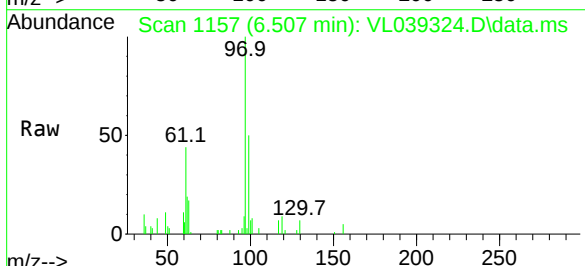
Tgt Ion: 61 Resp: 13090
Ion Ratio Lower Upper
61 100
96 43.4 49.9 74.9
98 55.0 32.0 48.0

Manual Integrations
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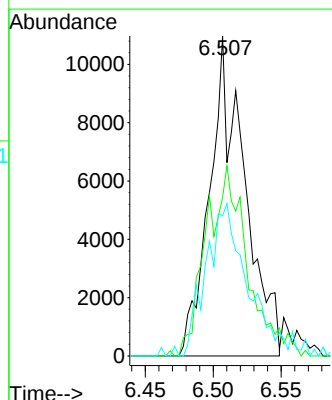
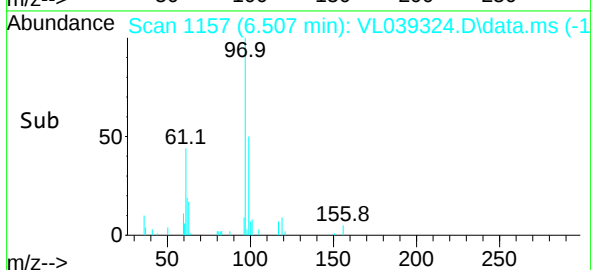
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

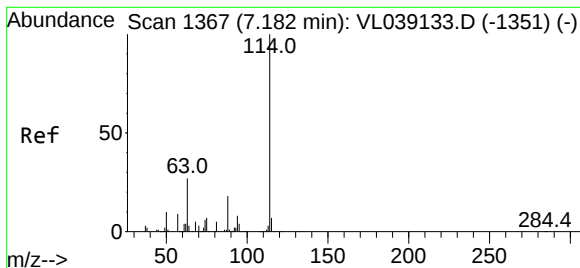


#32
1,1,1-Trichloroethane
Concen: 0.100 ppbv m
RT: 6.507 min Scan# 1157
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



Tgt Ion: 97 Resp: 19722
Ion Ratio Lower Upper
97 100
99 70.2 52.1 78.1
61 58.4 40.0 60.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.172 min Scan# 114

Delta R.T. -0.010 min

Lab File: VL039324.D

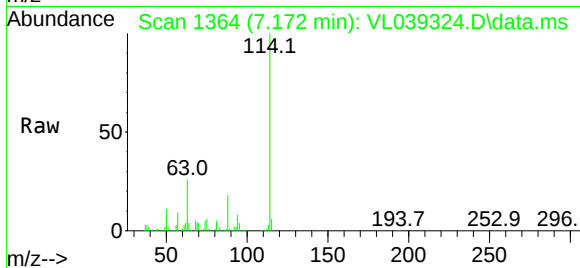
Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion:114 Resp: 337917

Ion Ratio Lower Upper

114 100

63 24.7 21.7 32.5

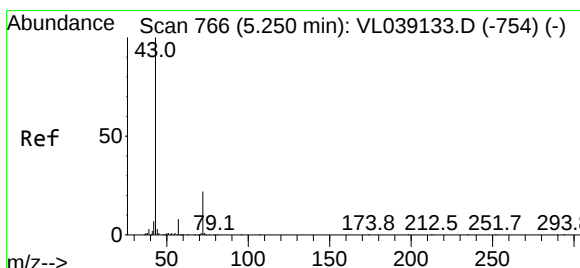
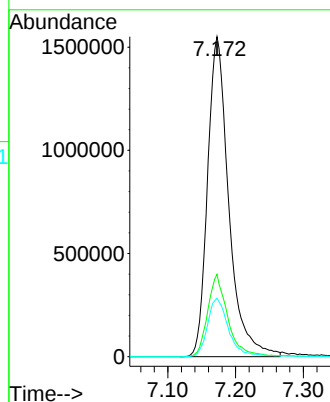
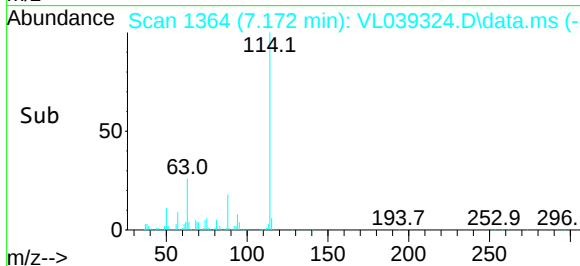
88 18.2 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#34

2-Butanone

Concen: 0.106 ppbv m

RT: 5.266 min Scan# 771

Delta R.T. 0.016 min

Lab File: VL039324.D

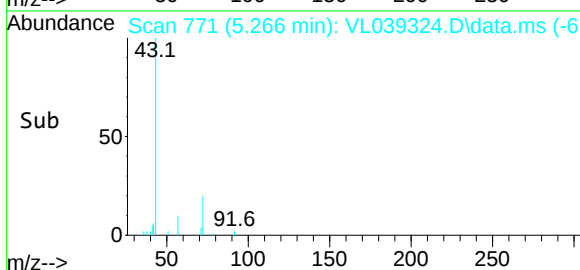
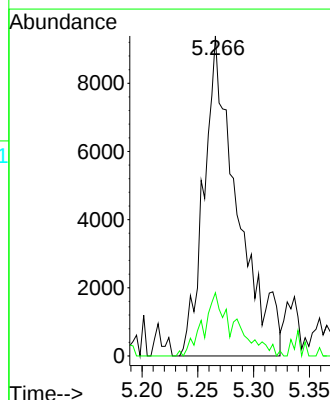
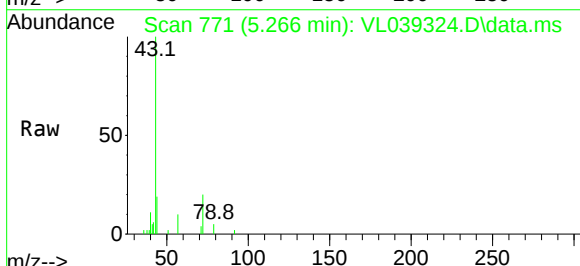
Acq: 22 Jun 2022 17:40

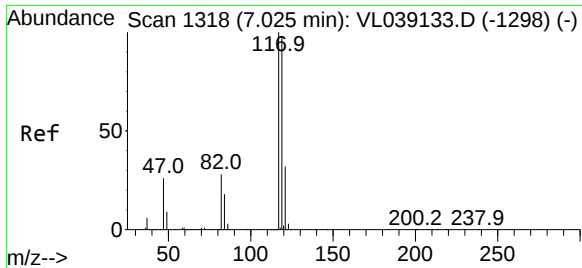
Tgt Ion: 43 Resp: 19508

Ion Ratio Lower Upper

43 100

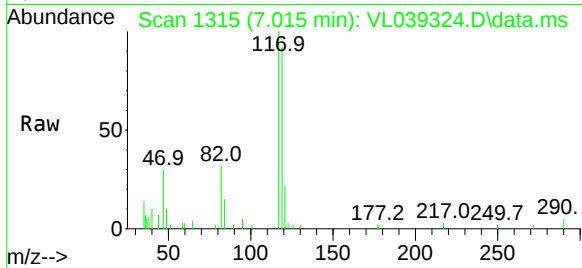
72 0.0 18.2 27.2#





#35
Carbon Tetrachloride
Concen: 0.081 ppbv m
RT: 7.015 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

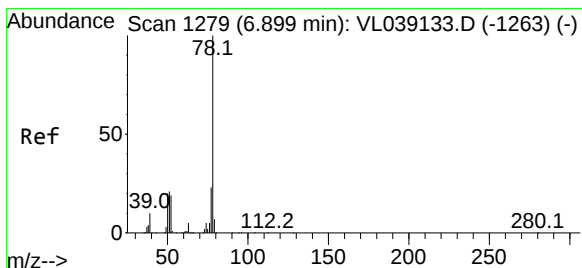
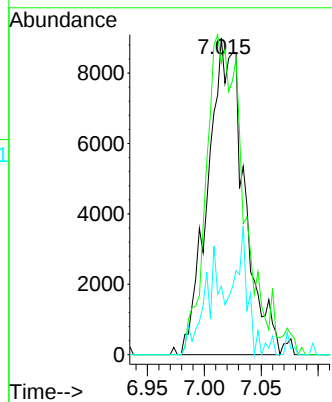
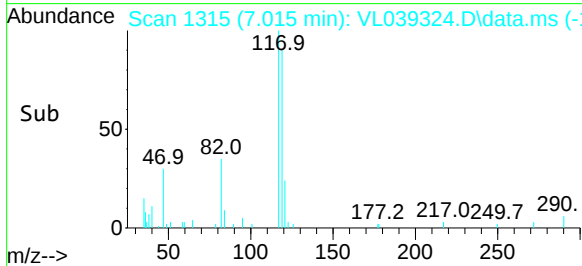
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 117 Resp: 1999
Ion Ratio Lower Upper
117 100
119 92.0 78.6 118.0
121 21.5 25.4 38.0

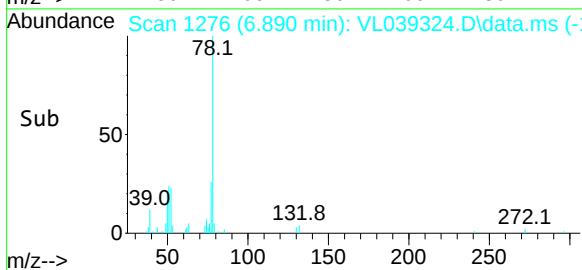
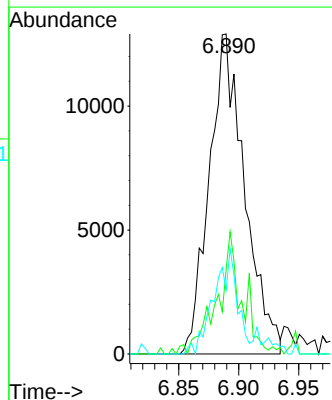
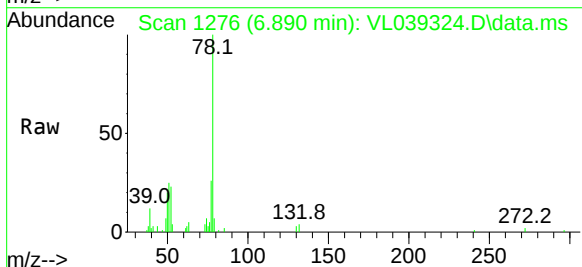
Manual Integrations
APPROVED

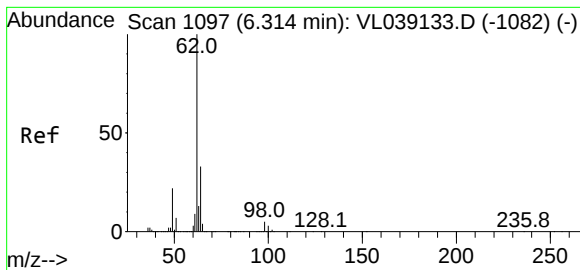
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#36
Benzene
Concen: 0.097 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

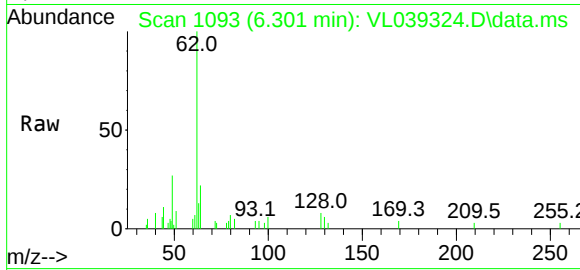
Tgt Ion: 78 Resp: 26527
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8
50 20.0 15.8 23.8





#37
1,2-Dichloroethane
Concen: 0.086 ppbv m
RT: 6.301 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

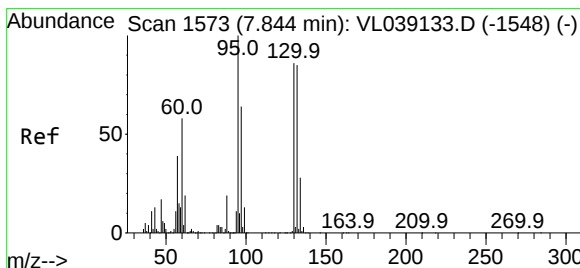
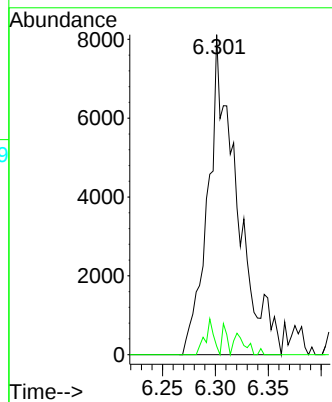
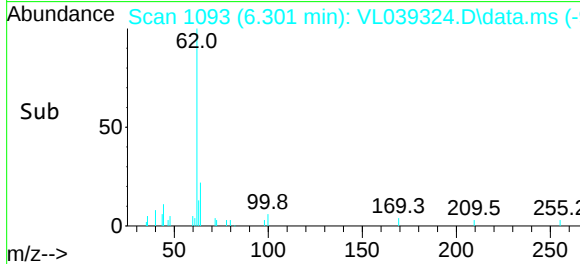
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 62 Resp: 1545
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5

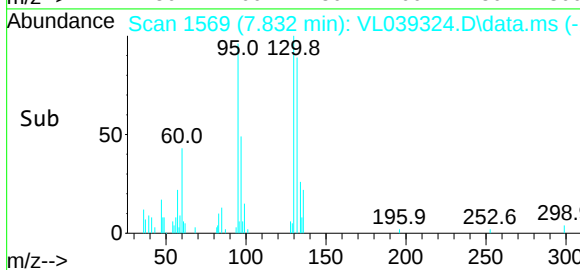
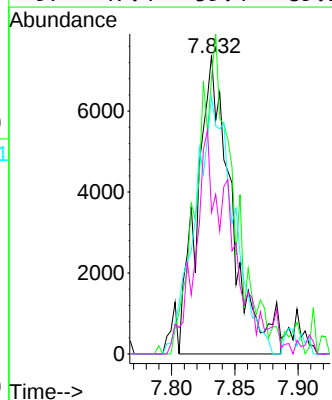
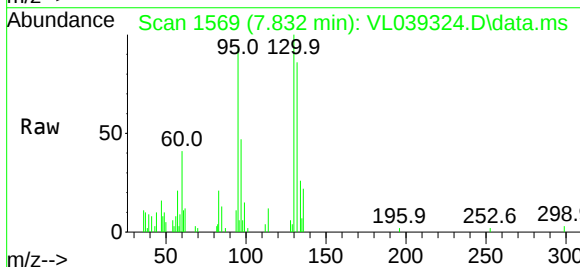
Manual Integrations
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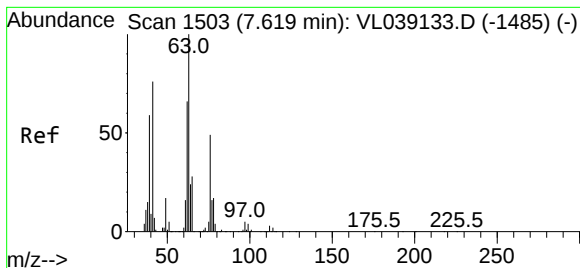
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 0.111 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. -0.013 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

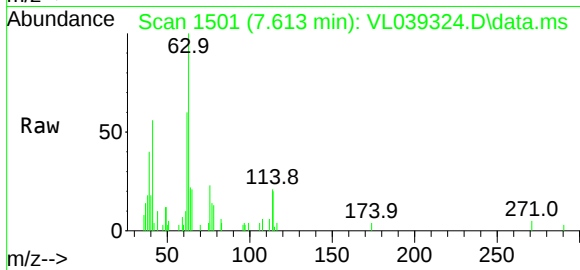
Tgt Ion:130 Resp: 13971
Ion Ratio Lower Upper
130 100
95 92.6 93.3 139.9#
132 86.0 79.0 118.4
97 47.4 59.4 89.2#





#39
1,2-Dichloropropane
Concen: 0.110 ppbv m
RT: 7.613 min Scan# 1501
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

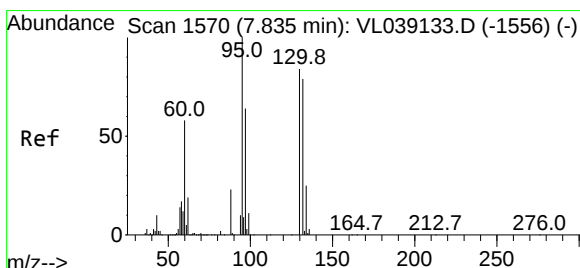
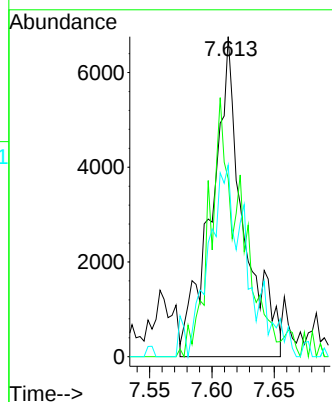
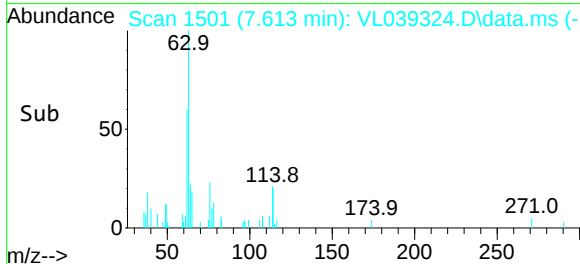
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 63 Resp: 1202
Ion Ratio Lower Upper
63 100
41 55.7 60.8 91.2
62 59.9 52.9 79.3

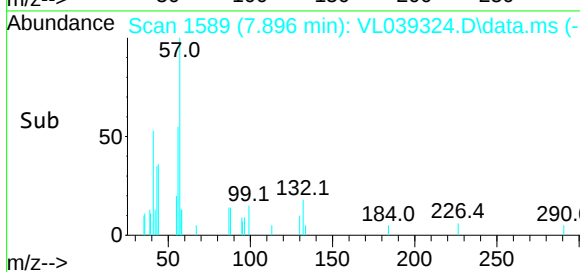
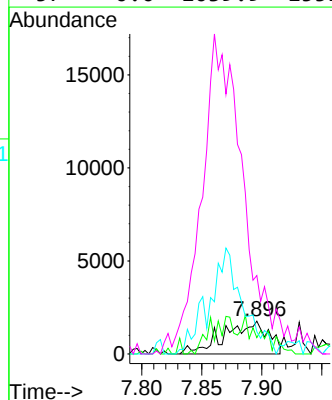
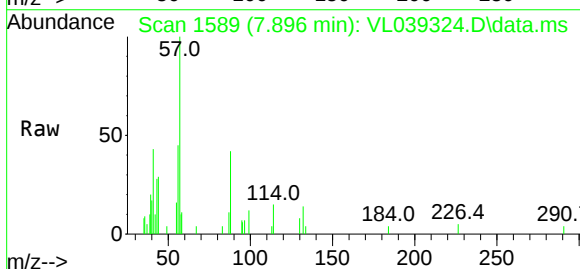
Manual Integrations
APPROVED

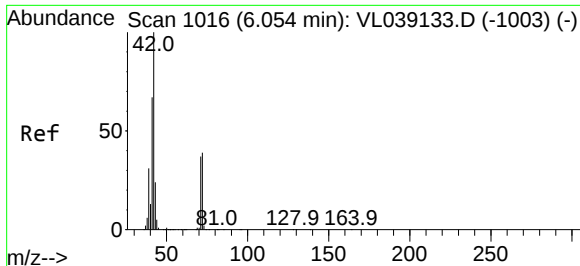
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#40
1,4-Dioxane
Concen: 0.125 ppbv m
RT: 7.896 min Scan# 1589
Delta R.T. 0.061 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

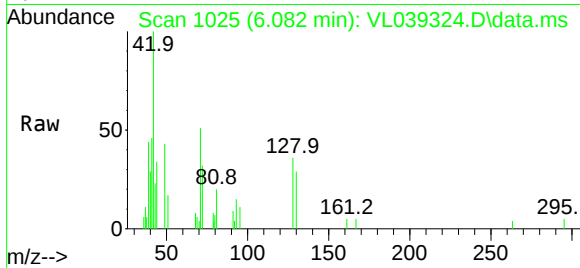
Tgt Ion: 88 Resp: 4480
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.097 ppbv m
RT: 6.082 min Scan# 1072
Delta R.T. 0.029 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

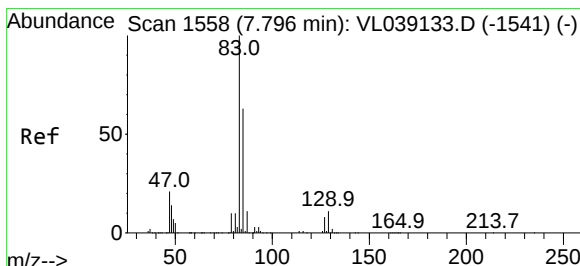
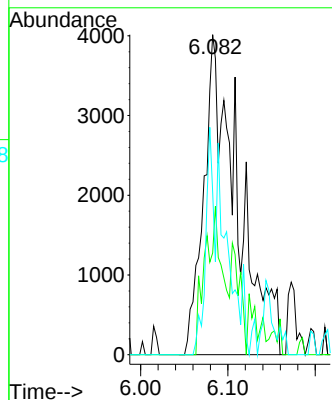
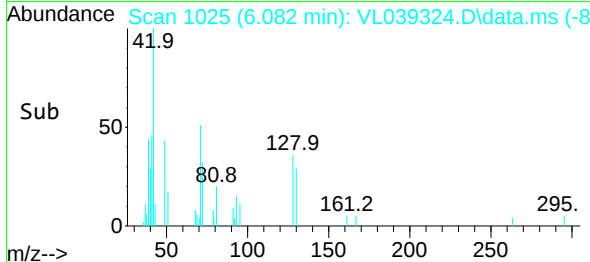
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 42 Resp: 1072
Ion Ratio Lower Upper
42 100
72 0.0 32.0 48.0
71 0.0 31.1 46.7

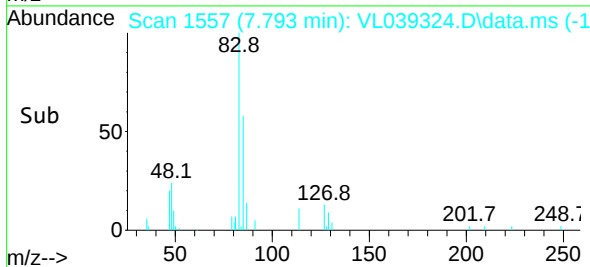
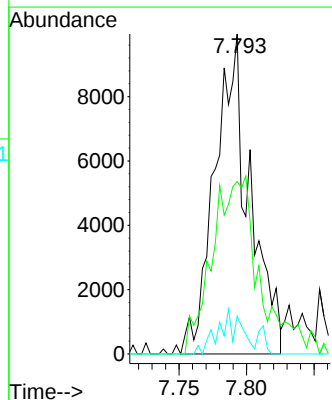
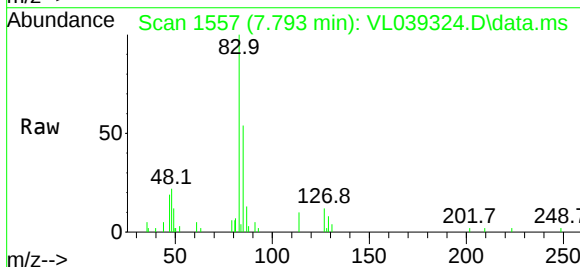
Manual Integrations
APPROVED

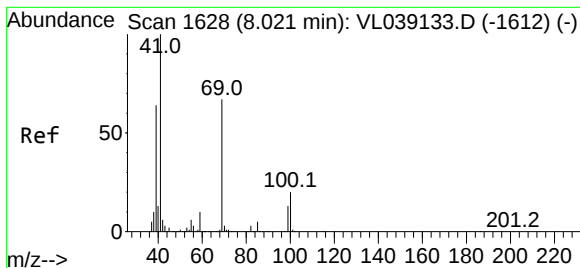
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
Bromodichloromethane
Concen: 0.071 ppbv m
RT: 7.793 min Scan# 1557
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

Tgt Ion: 83 Resp: 17907
Ion Ratio Lower Upper
83 100
85 53.9 50.2 75.4
127 11.8 6.6 9.8





#43

Methyl Methacrylate

Concen: 0.083 ppbv m

RT: 8.028 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VL039324.D

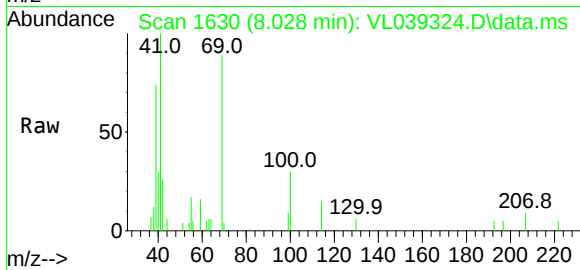
Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



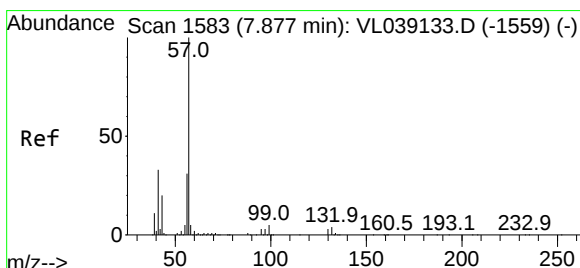
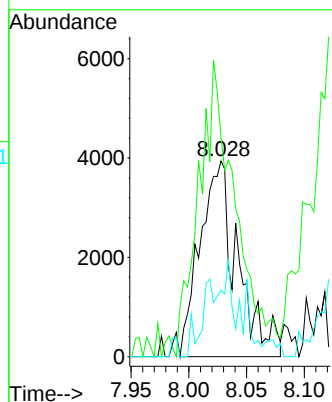
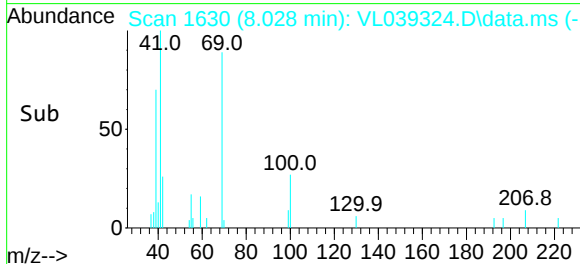
Tgt Ion:	69	Resp:	891
Ion Ratio	100	Lower	Upper
69	100		
41	155.2	121.9	182.9
100	0.0	24.1	36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#44

2,2,4-Trimethylpentane

Concen: 0.089 ppbv m

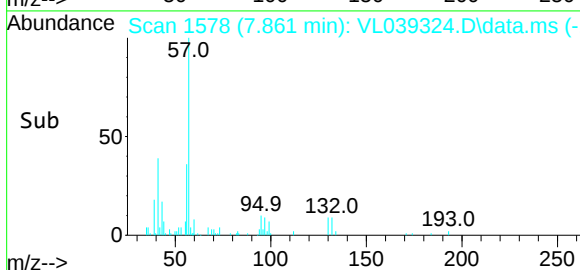
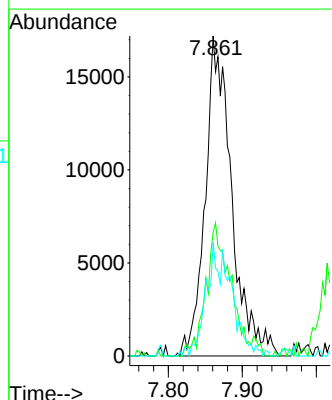
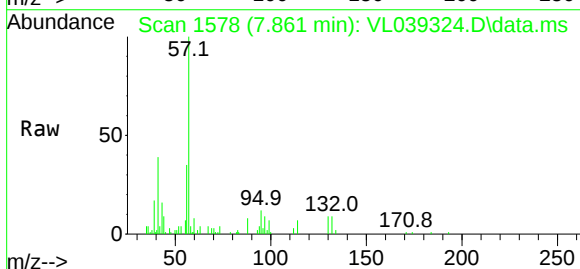
RT: 7.861 min Scan# 1578

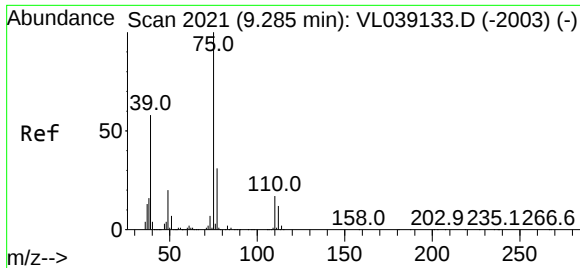
Delta R.T. -0.016 min

Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

Tgt Ion:	57	Resp:	42637
Ion Ratio	100	Lower	Upper
57	100		
41	39.4	26.2	39.4
56	33.7	24.7	37.1





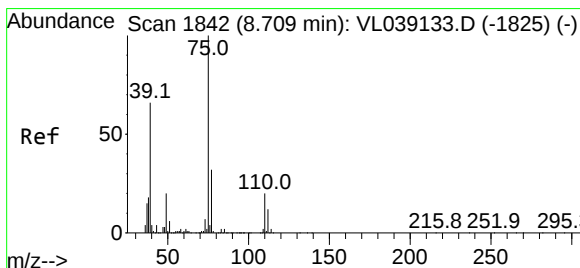
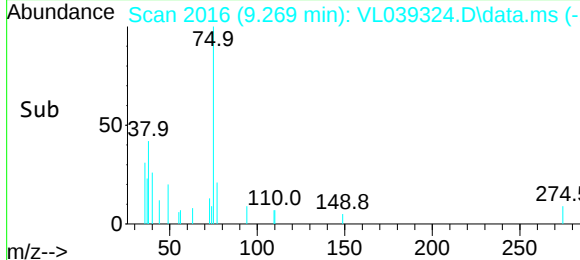
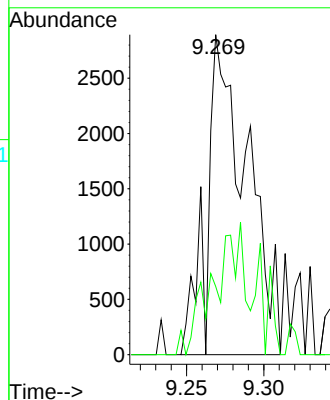
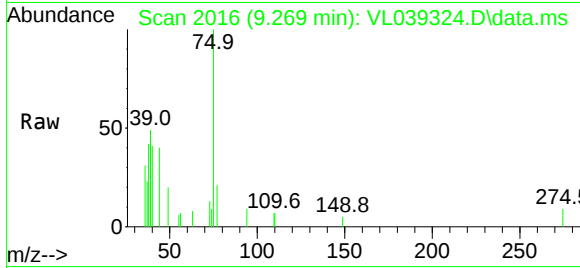
#45
t-1,3-Dichloropropene
Concen: 0.047 ppbv m
RT: 9.269 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

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

Tgt Ion: 75 Resp: 5220
Ion Ratio Lower Upper
75 100
77 21.3 24.4 36.6

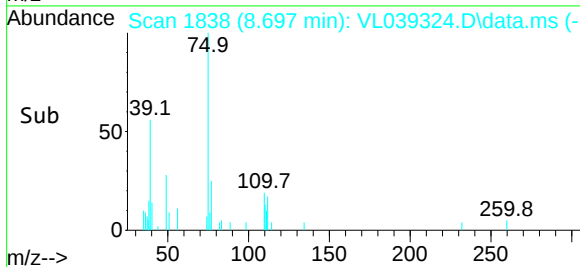
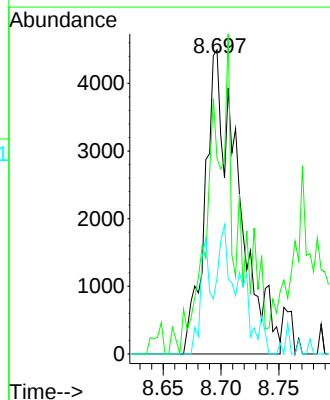
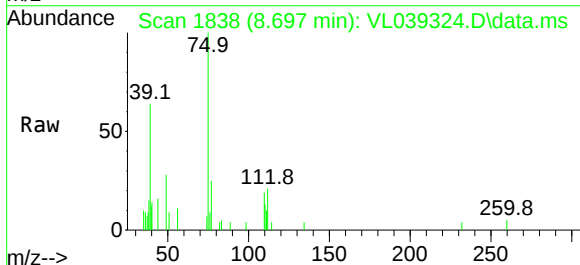
Manual Integrations
APPROVED

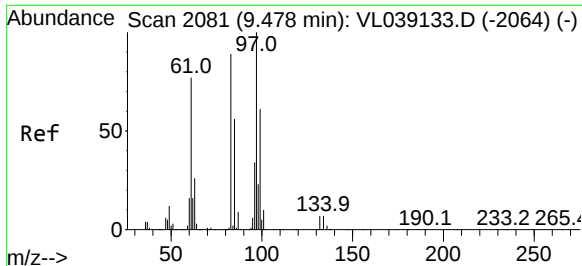
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#46
cis-1,3-Dichloropropene
Concen: 0.062 ppbv m
RT: 8.697 min Scan# 1838
Delta R.T. -0.013 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

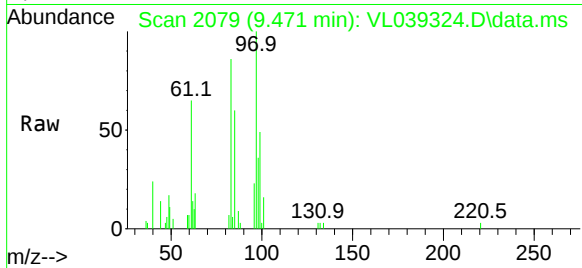
Tgt Ion: 75 Resp: 9094
Ion Ratio Lower Upper
75 100
39 64.4 52.4 78.6
77 25.0 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 0.097 ppbv m
RT: 9.471 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

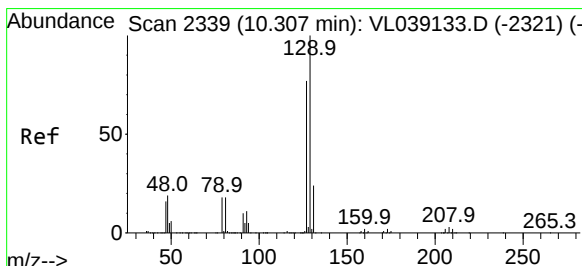
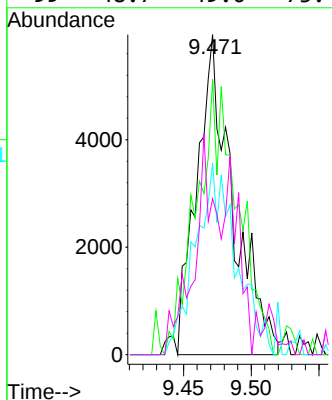
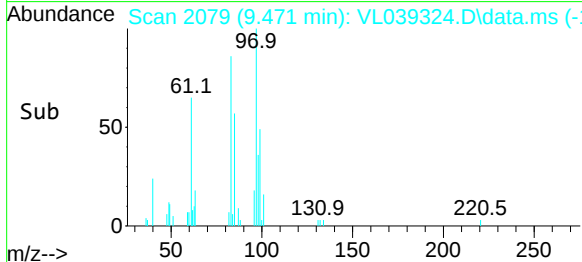
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	71.6	107.4
85	59.7	44.8	67.2
99	48.7	49.0	73.4

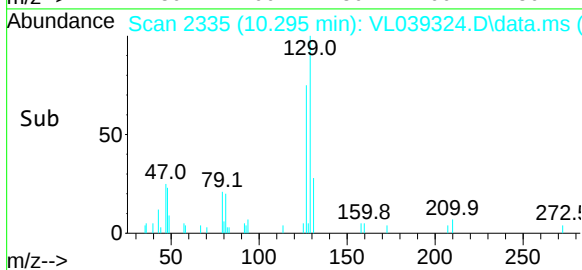
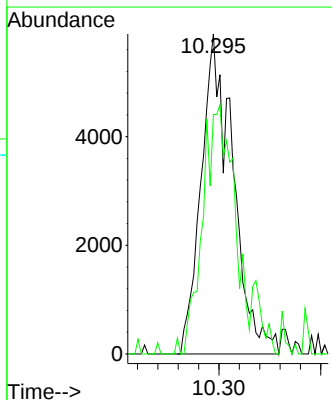
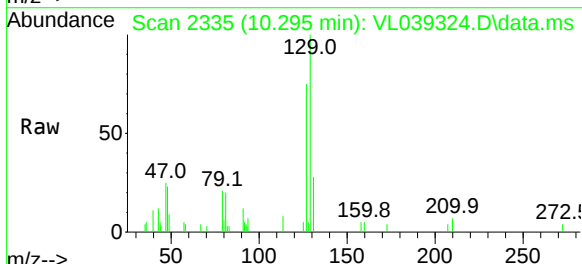
Manual Integrations
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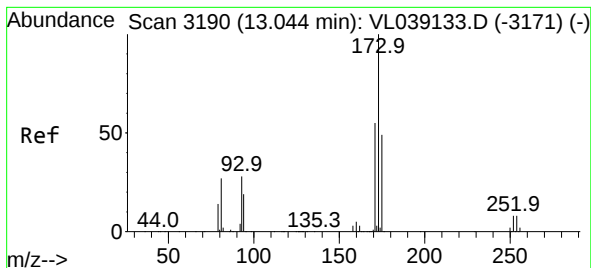
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#48
Dibromochloromethane
Concen: 0.063 ppbv m
RT: 10.295 min Scan# 2335
Delta R.T. -0.013 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

Tgt Ion	Ratio	Lower	Upper
129	100		
127	86.7	40.0	119.9





#49

Bromoform

Concen: 0.055 ppbv m

RT: 13.031 min Scan# 3190

Delta R.T. -0.013 min

Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

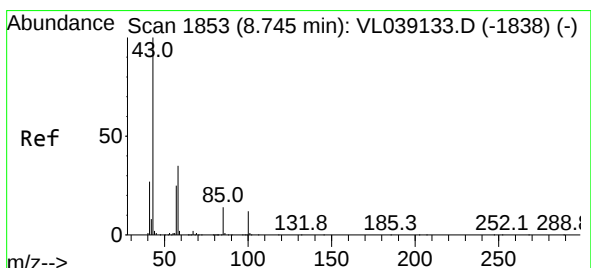
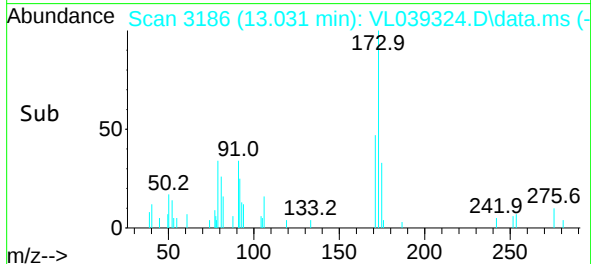
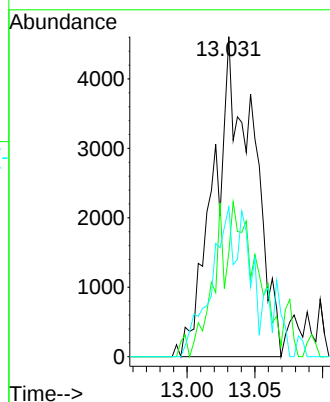
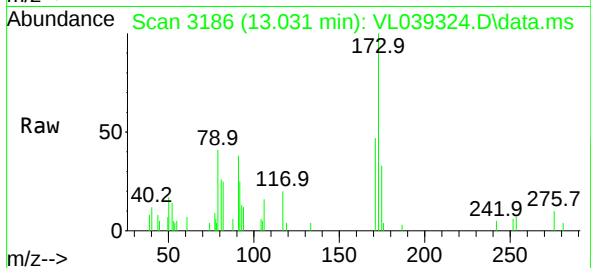
LOQ-AIR-02-QT2-2022

Tgt Ion:173	Resp:	9334
Ion Ratio	Lower	Upper
173	100	
175	0.0	40.2
171	52.7	43.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#50

4-Methyl-2-Pentanone

Concen: 0.080 ppbv m

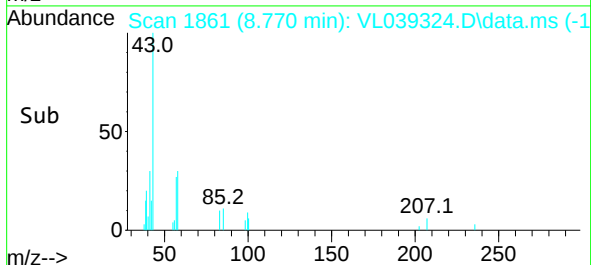
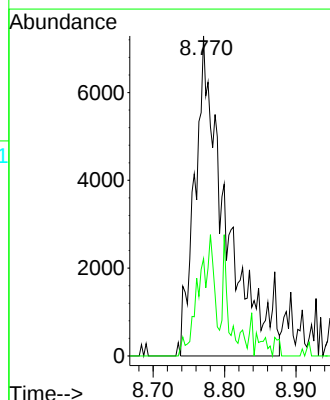
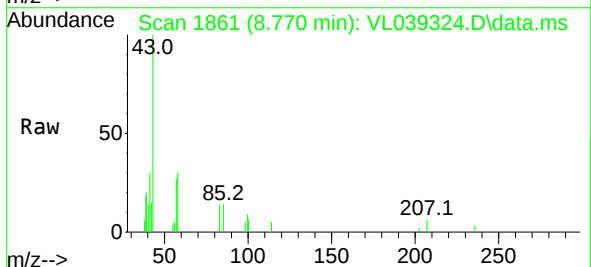
RT: 8.770 min Scan# 1861

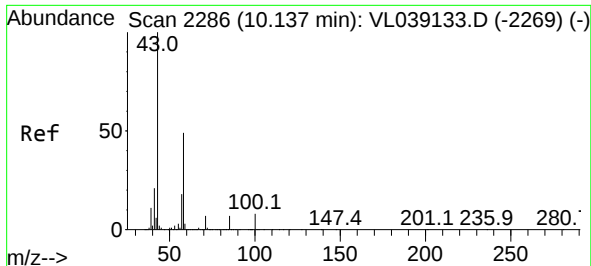
Delta R.T. 0.026 min

Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

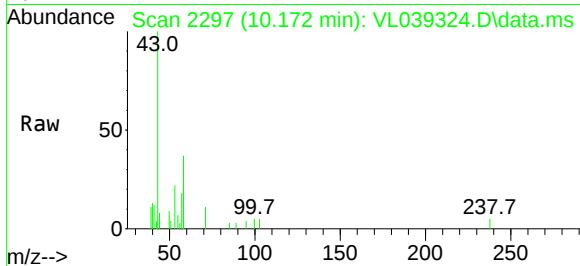
Tgt Ion: 43	Resp:	22032
Ion Ratio	Lower	Upper
43	100	
58	0.0	28.7





#51
2-Hexanone
Concen: 0.066 ppbv m
RT: 10.172 min Scan# 2286
Delta R.T. 0.035 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

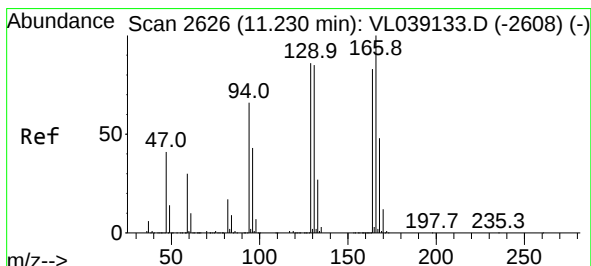
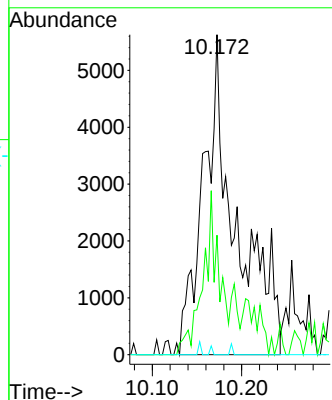
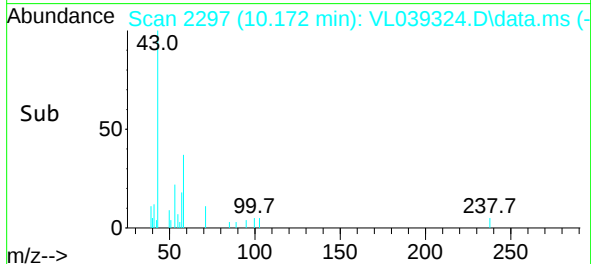
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



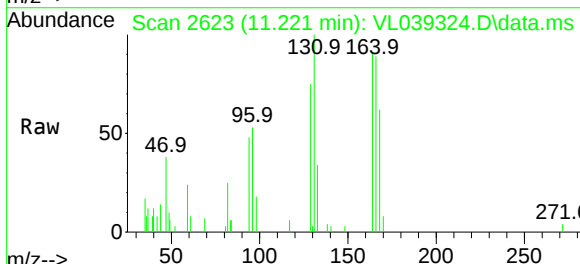
Tgt Ion: 43 Resp: 14215
Ion Ratio Lower Upper
43 100
58 0.0 40.0 60.0
98 0.0 0.1 0.1

Manual Integrations
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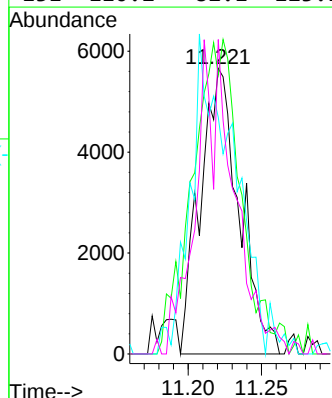
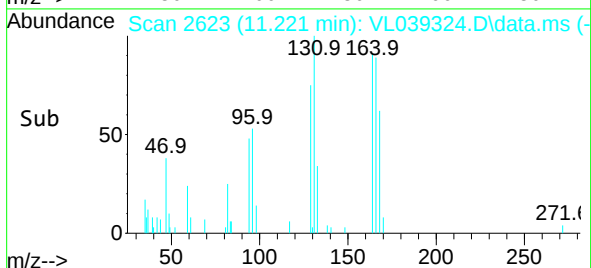
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

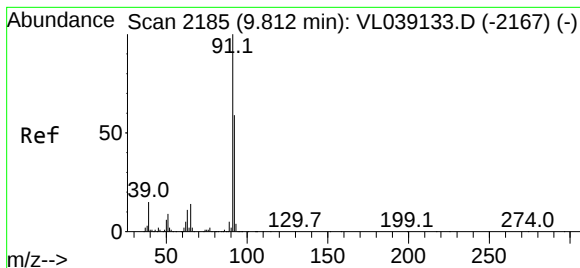


#52
Tetrachloroethene
Concen: 0.099 ppbv m
RT: 11.221 min Scan# 2623
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



Tgt Ion:164 Resp: 10565
Ion Ratio Lower Upper
164 100
166 97.8 96.3 144.5
129 82.9 82.5 123.7
131 110.2 82.1 123.1





#53

Toluene

Concen: 0.085 ppbv m

RT: 9.809 min Scan# 2185

Delta R.T. -0.003 min

Lab File: VL039324.D

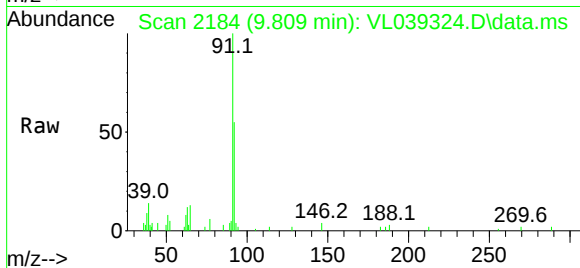
Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion: 91 Resp: 26939

Ion Ratio Lower Upper

91 100

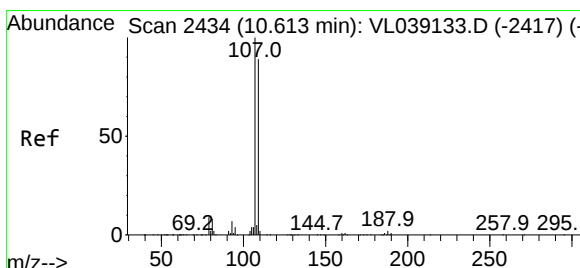
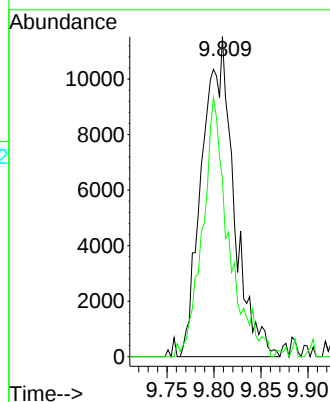
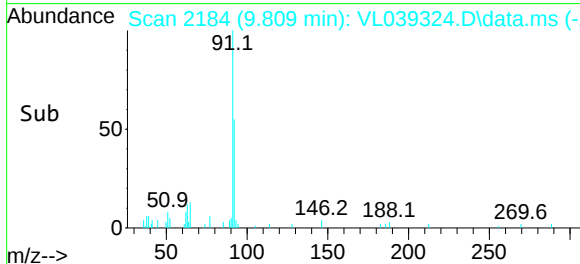
92 68.3 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#54

1,2-Dibromoethane

Concen: 0.098 ppbv m

RT: 10.603 min Scan# 2431

Delta R.T. -0.010 min

Lab File: VL039324.D

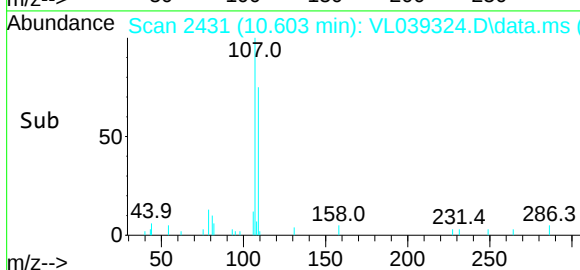
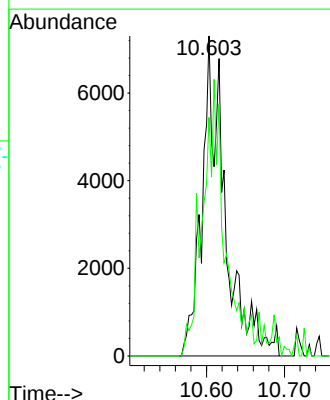
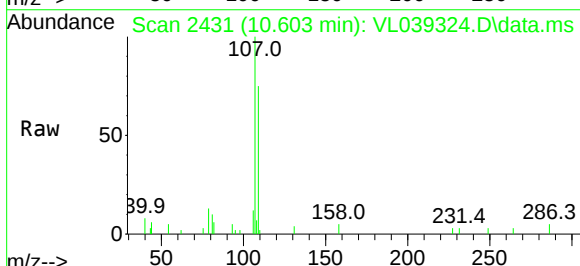
Acq: 22 Jun 2022 17:40

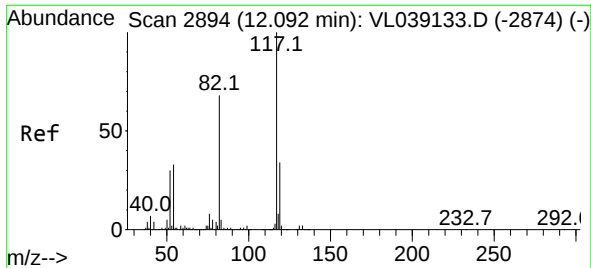
Tgt Ion:107 Resp: 14947

Ion Ratio Lower Upper

107 100

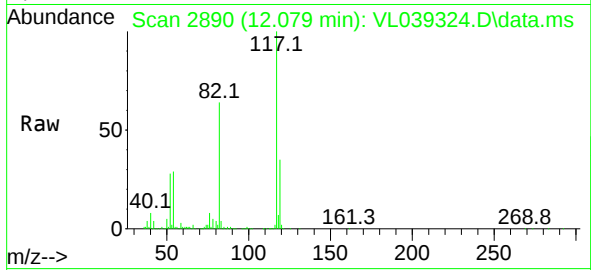
109 74.6 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

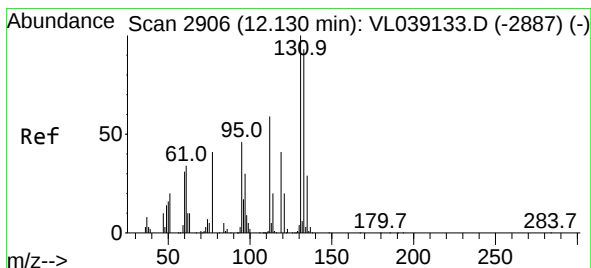
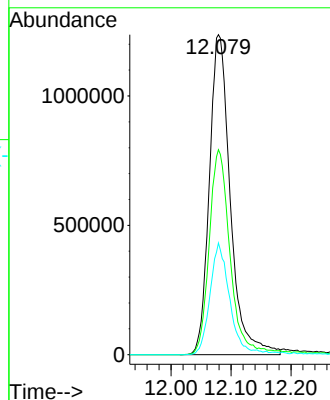
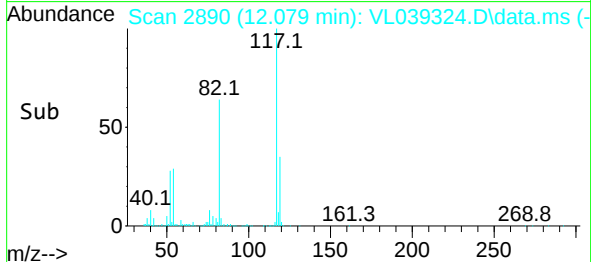
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



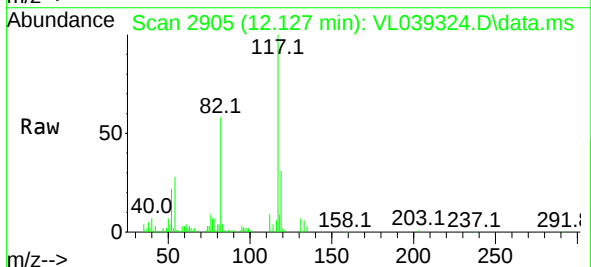
Tgt Ion:117 Resp: 3006884
Ion Ratio Lower Upper
117 100
82 65.1 55.1 82.7
119 33.7 24.7 37.1

Manual Integrations
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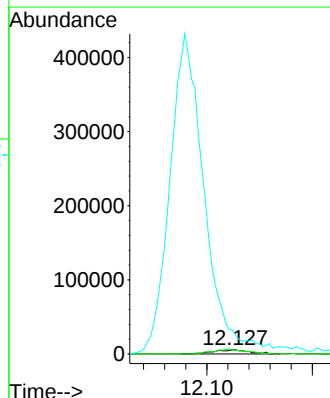
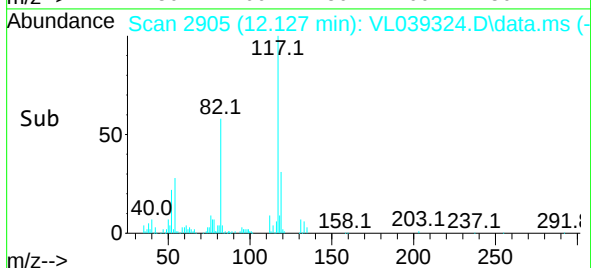
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

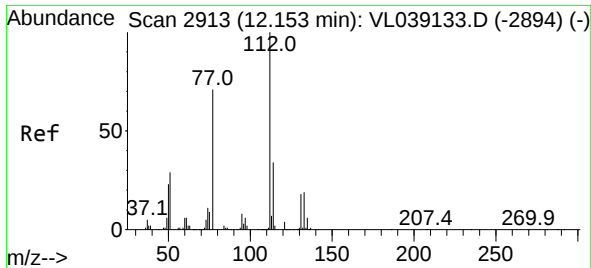


#56
1,1,1,2-Tetrachloroethane
Concen: 0.093 ppbv m
RT: 12.127 min Scan# 2905
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



Tgt Ion:131 Resp: 13254
Ion Ratio Lower Upper
131 100
133 0.0 78.6 117.8#
119 0.0 51.7 77.5#





#57

Chlorobenzene

Concen: 0.123 ppbv m

RT: 12.134 min Scan# 2913

Delta R.T. -0.019 min

Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

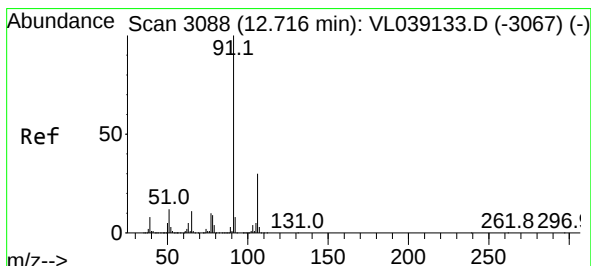
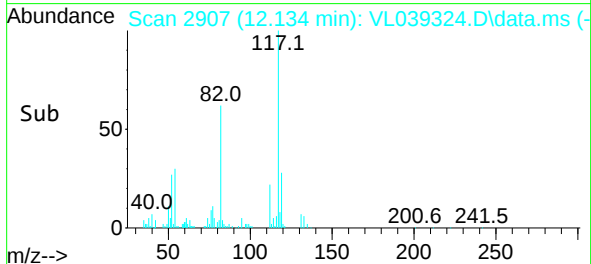
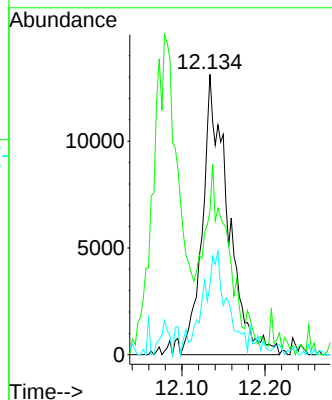
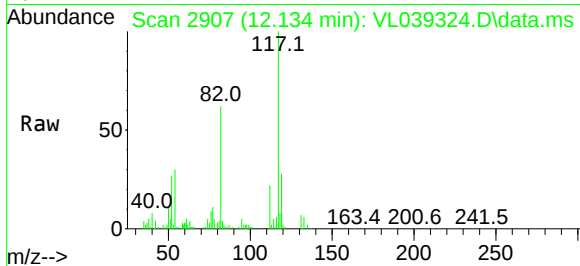
Tgt Ion:112	Resp:	2782
Ion Ratio	Lower	Upper
112	100	
77	51.1	56.5 84.7
114	24.8	30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#58

Ethyl Benzene

Concen: 0.086 ppbv m

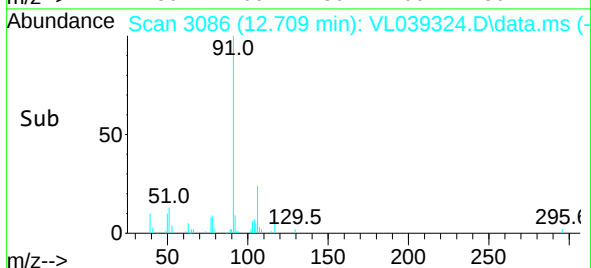
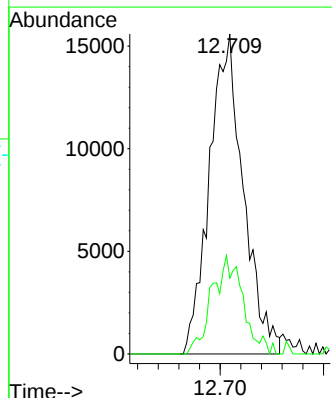
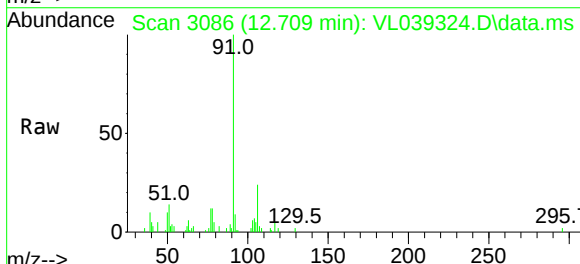
RT: 12.709 min Scan# 3086

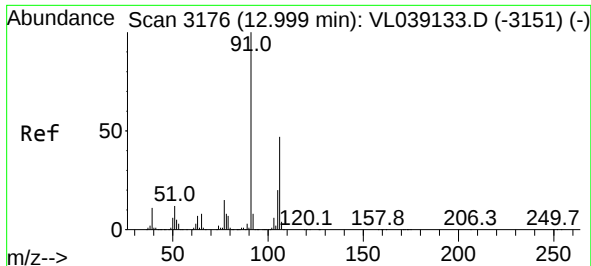
Delta R.T. -0.006 min

Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

Tgt Ion: 91	Resp:	35623
Ion Ratio	Lower	Upper
91	100	
106	23.7	24.2 36.4





#59

m/p-Xylene

Concen: 0.157 ppbv m

RT: 12.979 min Scan# 3176

Delta R.T. -0.019 min

Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion: 91 Resp: 57369

Ion Ratio Lower Upper

91 100

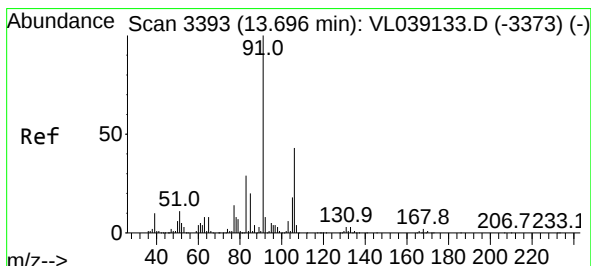
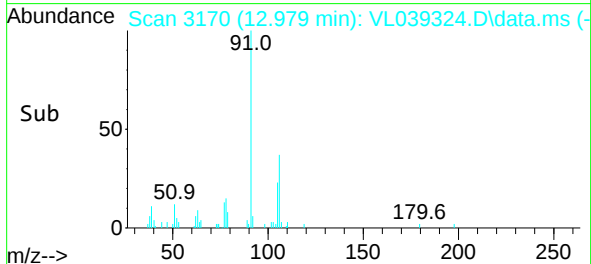
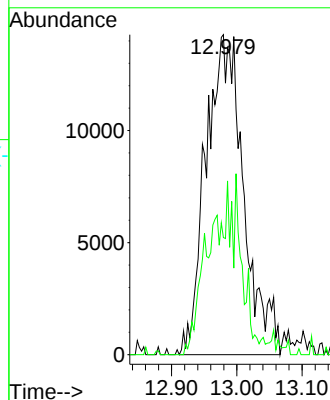
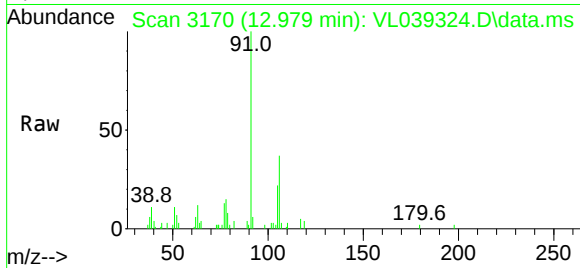
106 0.0 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

o-Xylene

Concen: 0.079 ppbv m

RT: 13.683 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039324.D

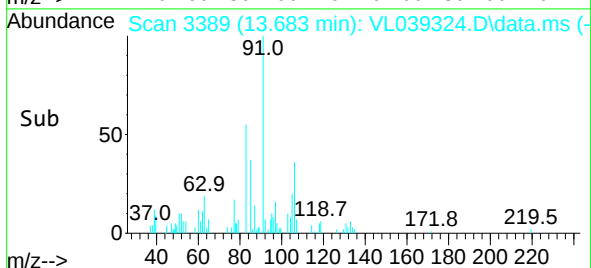
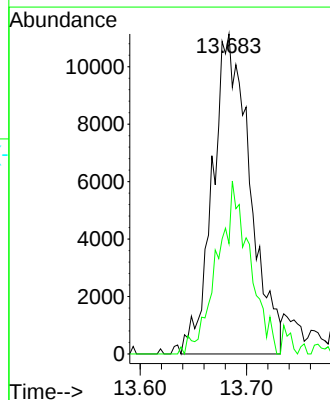
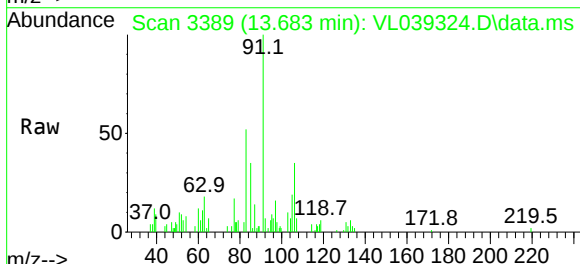
Acq: 22 Jun 2022 17:40

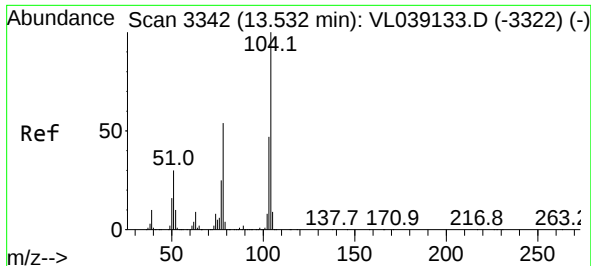
Tgt Ion: 91 Resp: 27229

Ion Ratio Lower Upper

91 100

106 0.0 22.3 66.9





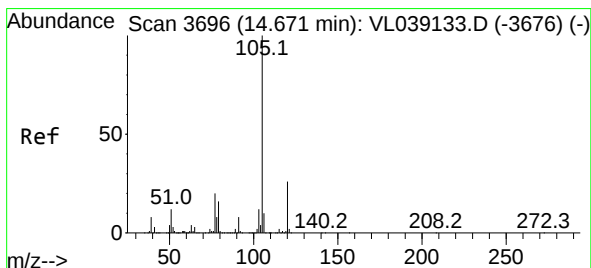
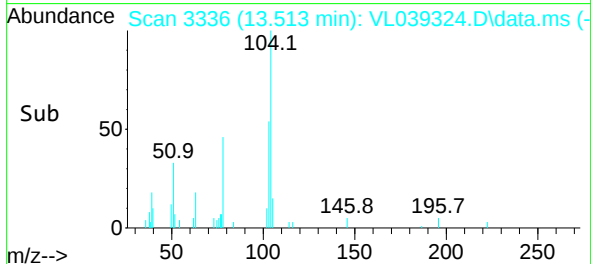
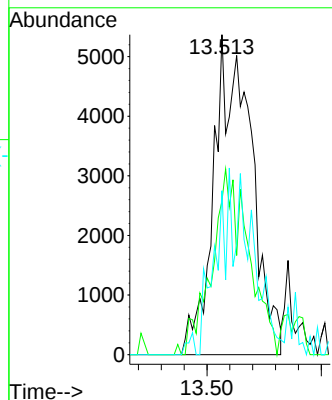
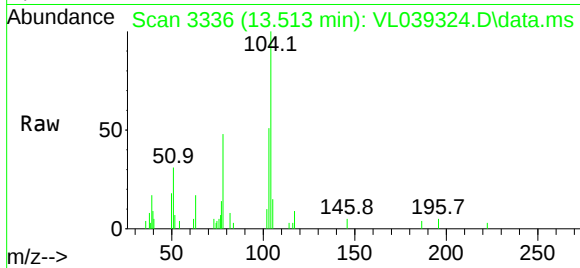
#61
Styrene
Concen: 0.066 ppbv m
RT: 13.513 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

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

Tgt Ion:104 Resp: 12180
Ion Ratio Lower Upper
104 100
78 63.3 45.7 68.5
103 53.6 39.6 59.4

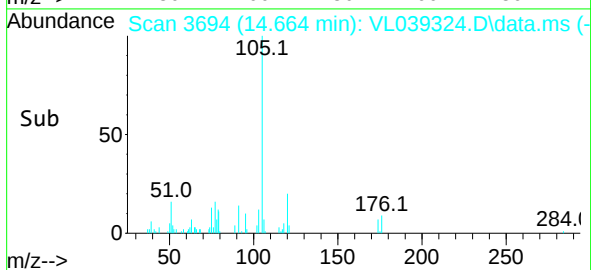
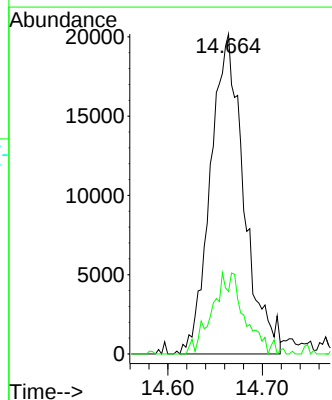
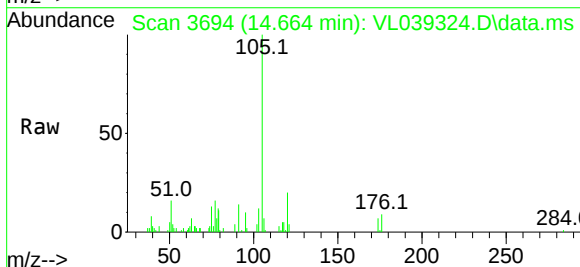
Manual Integrations
APPROVED

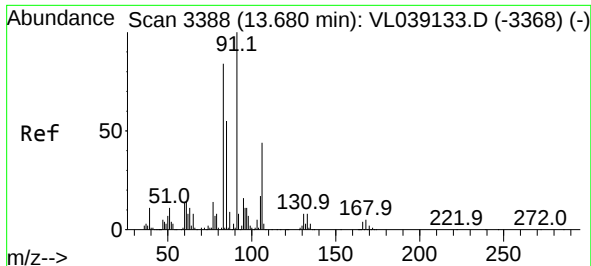
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#62
Isopropylbenzene
Concen: 0.097 ppbv m
RT: 14.664 min Scan# 3694
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

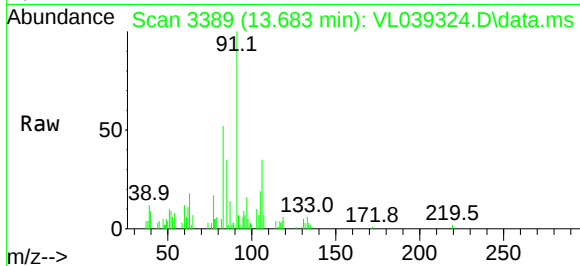
Tgt Ion:105 Resp: 49439
Ion Ratio Lower Upper
105 100
120 24.7 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.088 ppbv m
RT: 13.683 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

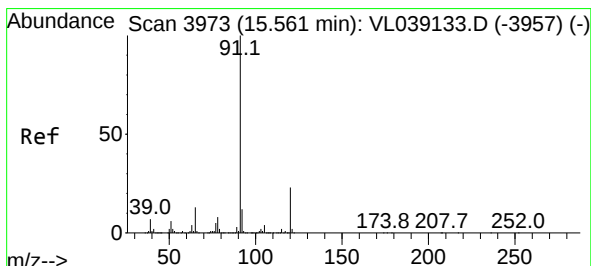
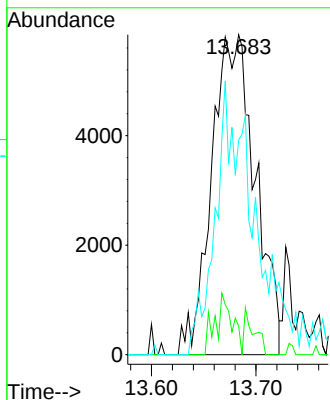
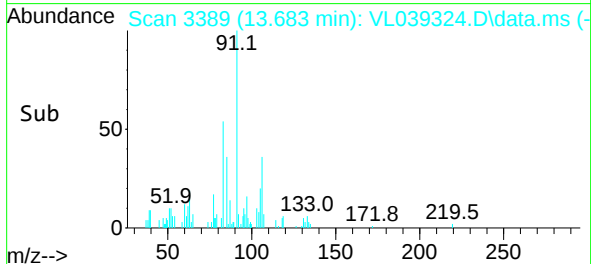
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 83 Resp: 1695
Ion Ratio Lower Upper
83 100
131 7.4 4.8 14.3
85 79.5 33.0 99.0

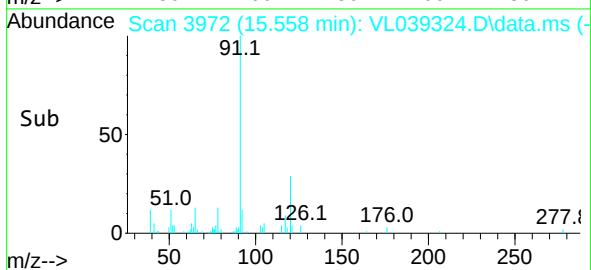
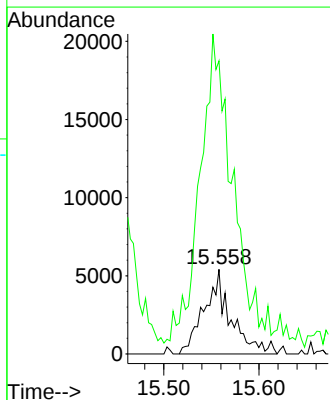
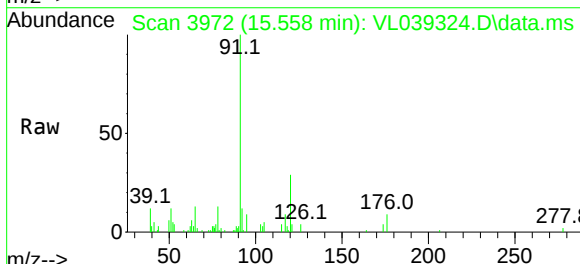
Manual Integrations
APPROVED

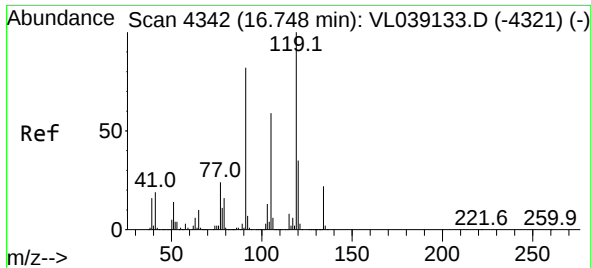
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
n-propylbenzene
Concen: 0.084 ppbv m
RT: 15.558 min Scan# 3972
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

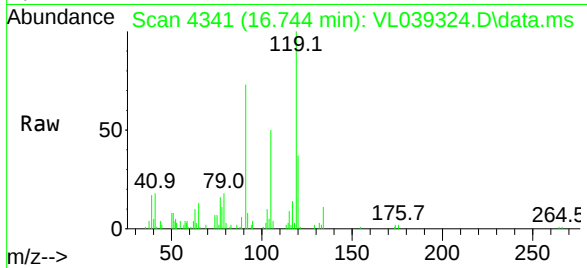
Tgt Ion:120 Resp: 10485
Ion Ratio Lower Upper
120 100
91 0.0 388.4 582.6#





#65
tert-Butylbenzene
Concen: 0.085 ppbv m
RT: 16.744 min Scan# 4341
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

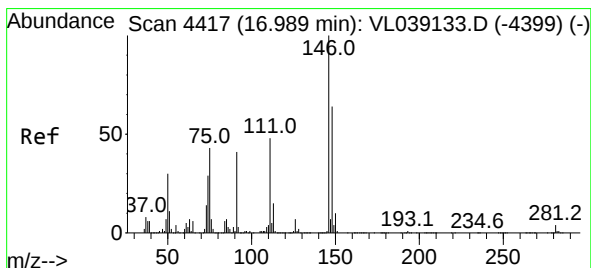
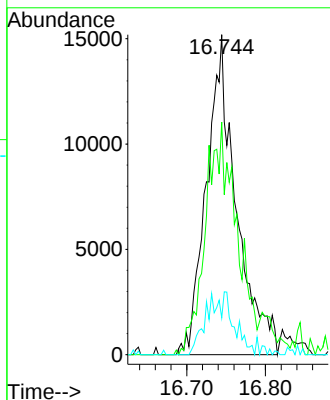
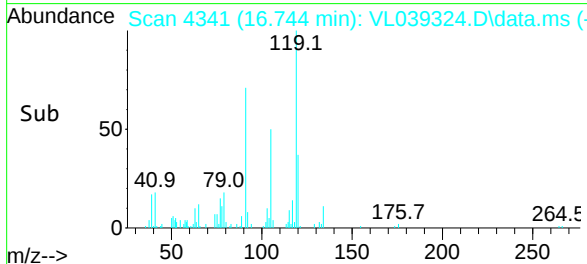
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



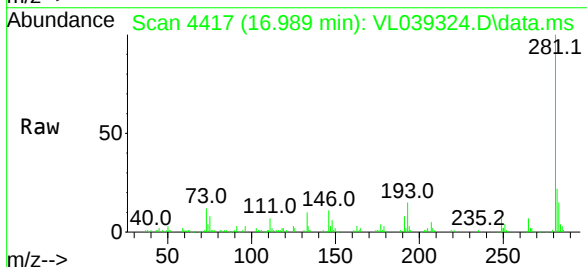
Tgt Ion: 119 Resp: 3967
Ion Ratio Lower Upper
119 100
91 0.0 67.1 100.7
134 0.0 15.8 23.8

Manual Integrations
APPROVED

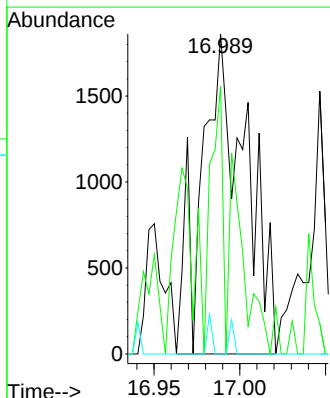
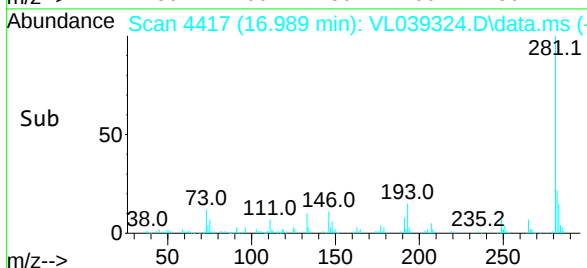
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

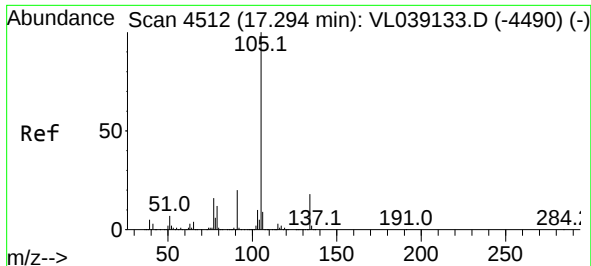


#66
Benzyl Chloride
Concen: 0.056 ppbv m
RT: 16.989 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



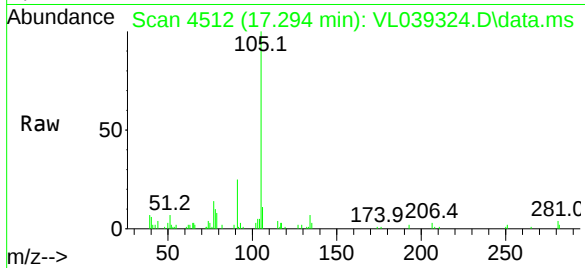
Tgt Ion: 91 Resp: 3373
Ion Ratio Lower Upper
91 100
126 31.7 13.4 20.0#
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 0.085 ppbv m
 RT: 17.294 min Scan# 4512
 Delta R.T. 0.000 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

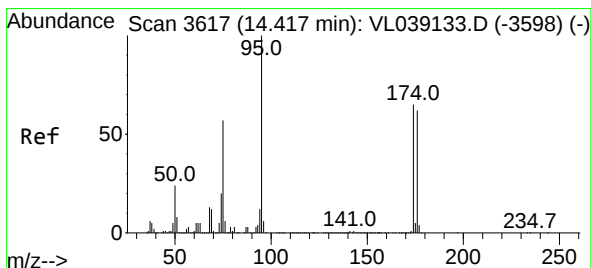
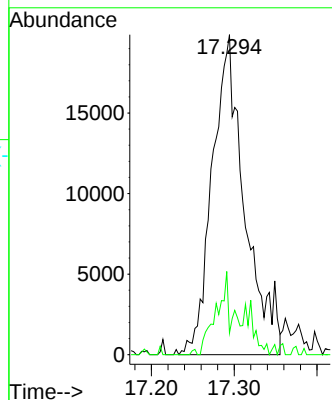
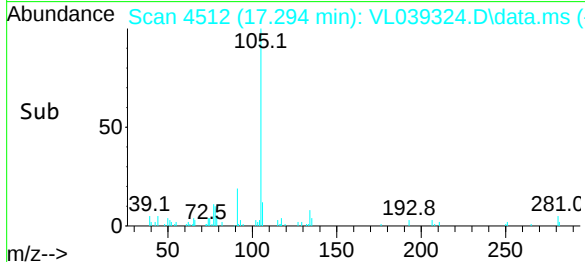
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 105 Resp: 5398
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6

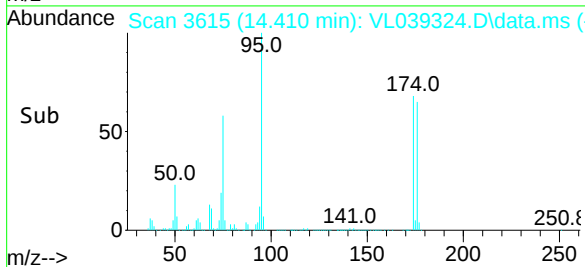
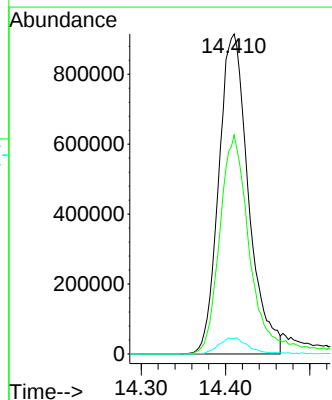
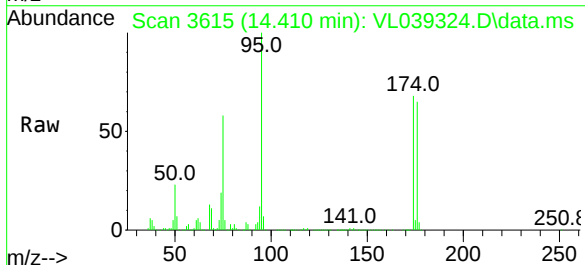
Manual Integrations
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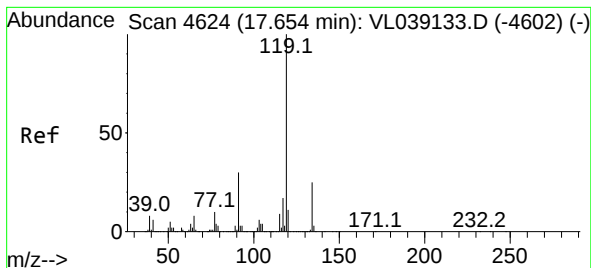
Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.990 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. -0.006 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

Tgt Ion: 95 Resp: 2234889
 Ion Ratio Lower Upper
 95 100
 174 72.4 53.8 80.8
 175 5.1 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.077 ppbv m

RT: 17.654 min Scan# 4624

Delta R.T. 0.000 min

Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

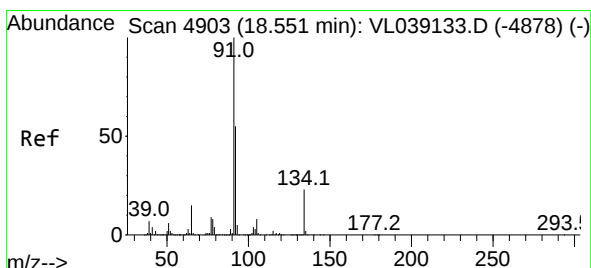
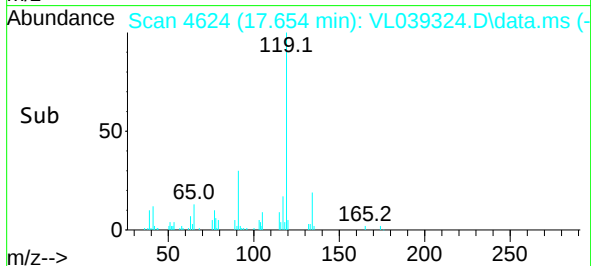
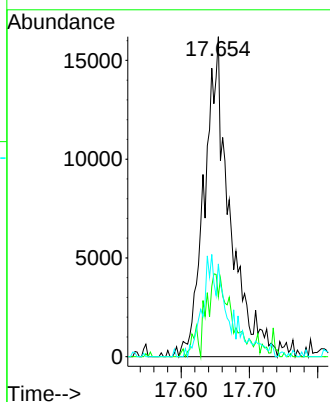
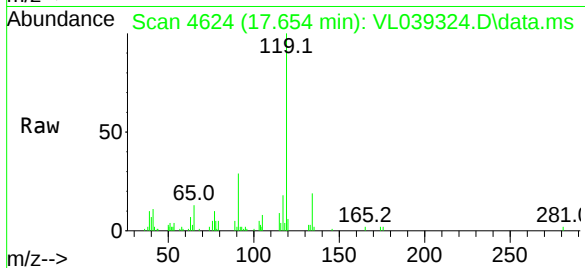
Tgt Ion: 119 Resp: 4129

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6
91	0.0	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#70

n-Butylbenzene

Concen: 0.067 ppbv m

RT: 18.545 min Scan# 4901

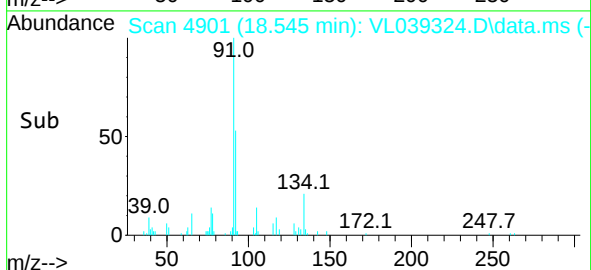
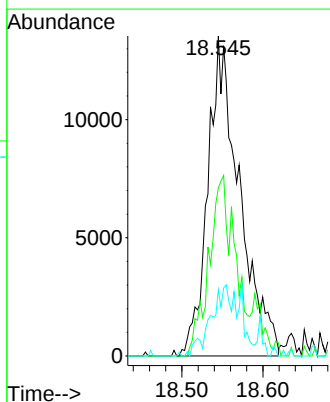
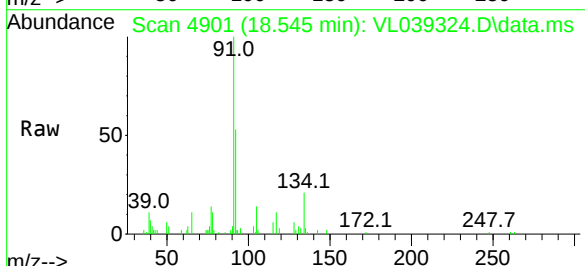
Delta R.T. -0.006 min

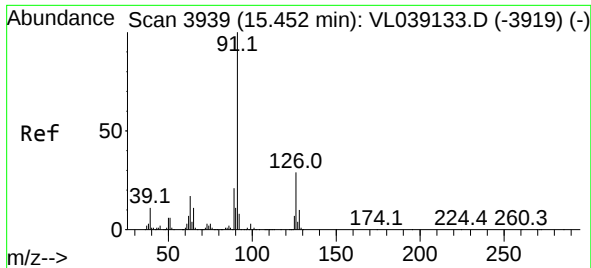
Lab File: VL039324.D

Acq: 22 Jun 2022 17:40

Tgt Ion: 91 Resp: 36717

Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.6	65.4
134	0.0	17.7	26.5





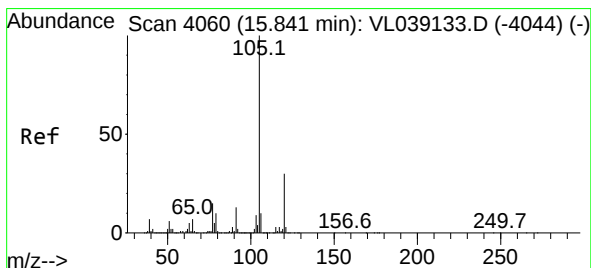
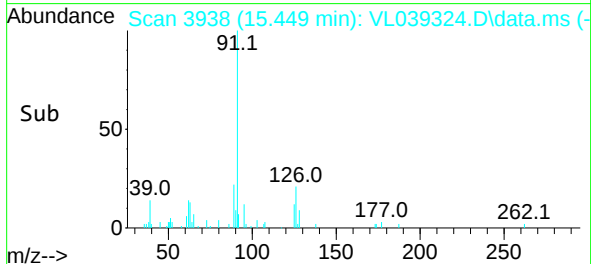
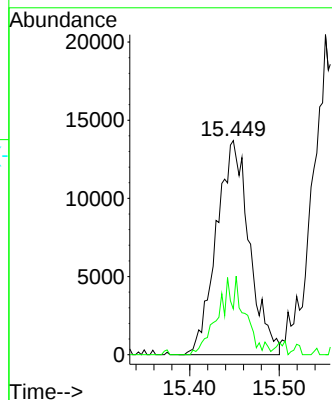
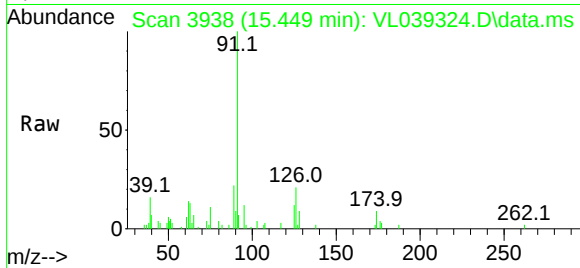
#71
2-Chlorotoluene
Concen: 0.090 ppbv m
RT: 15.449 min Scan# 3939
Delta R.T. -0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

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

Tgt Ion: 91 Resp: 35012
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.6

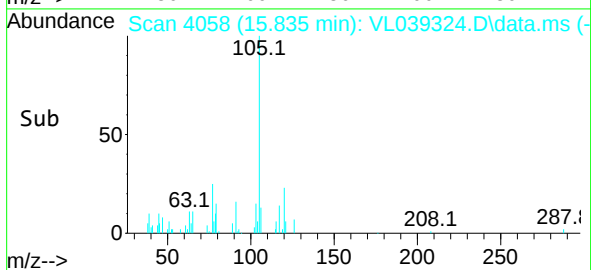
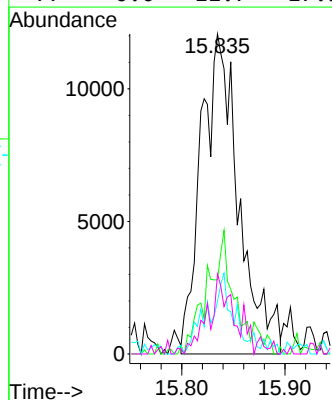
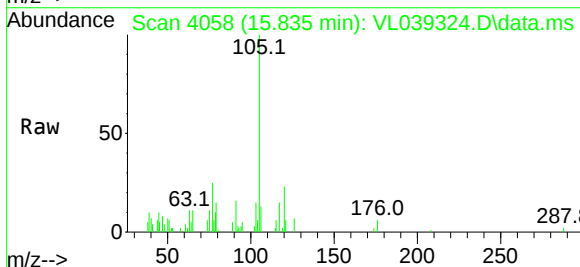
Manual Integrations
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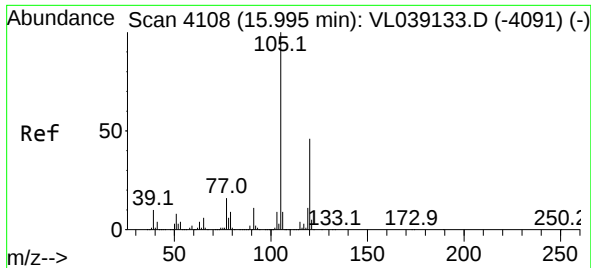
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
4-Ethyltoluene
Concen: 0.076 ppbv m
RT: 15.835 min Scan# 4058
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

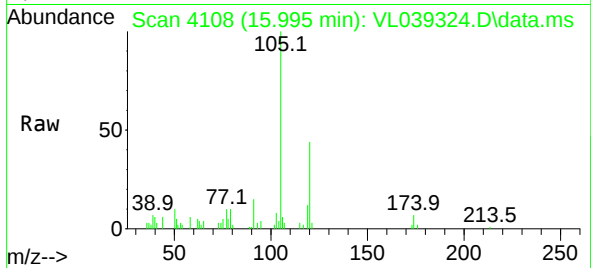
Tgt Ion:105 Resp: 30615
Ion Ratio Lower Upper
105 100
120 0.0 23.9 35.9#
91 0.0 10.6 16.0#
77 0.0 11.7 17.5#





#73
 1,3,5-Trimethylbenzene
 Concen: 0.081 ppbv m
 RT: 15.995 min Scan# 4108
 Delta R.T. 0.000 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40

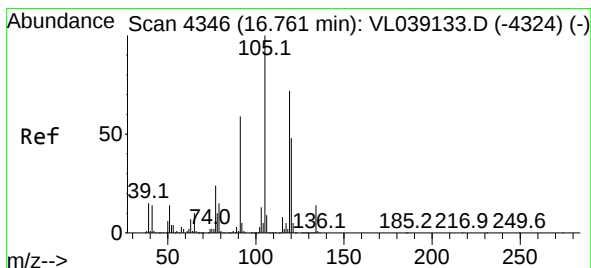
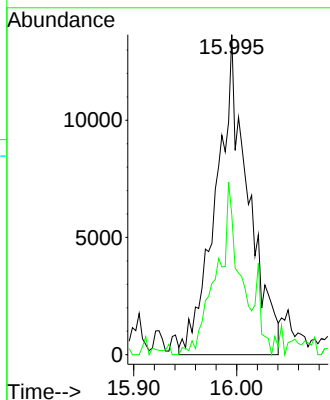
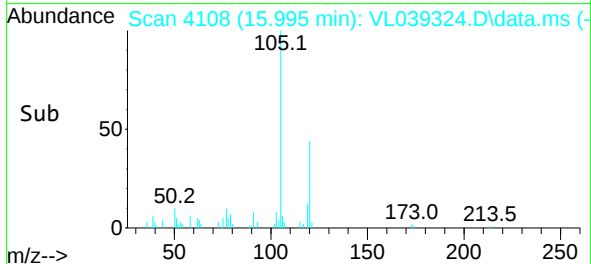
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



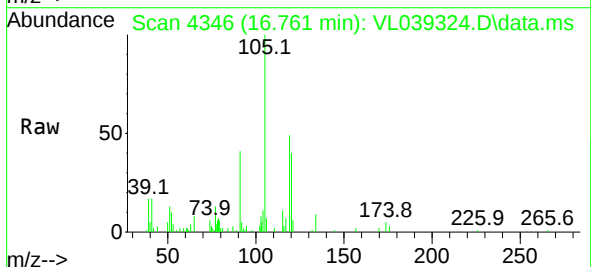
Tgt Ion:105 Resp: 29209
 Ion Ratio Lower Upper
 105 100
 120 43.6 36.7 55.1

Manual Integrations
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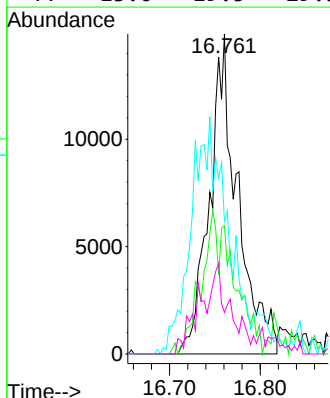
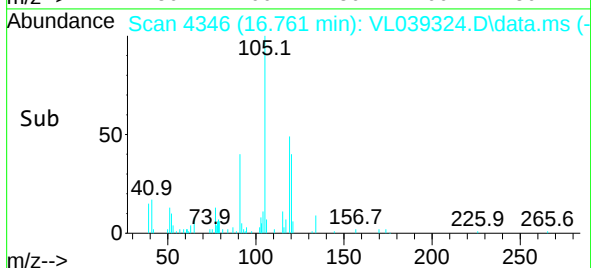
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

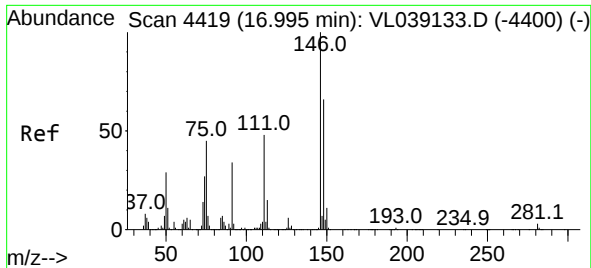


#74
 1,2,4-Trimethylbenzene
 Concen: 0.080 ppbv m
 RT: 16.761 min Scan# 4346
 Delta R.T. 0.000 min
 Lab File: VL039324.D
 Acq: 22 Jun 2022 17:40



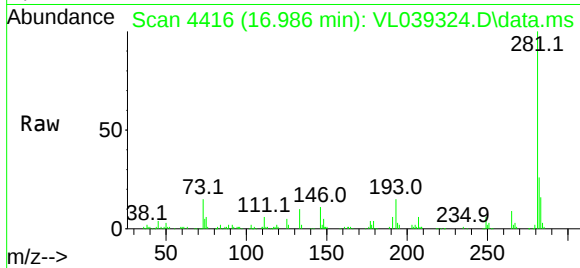
Tgt Ion:105 Resp: 32149
 Ion Ratio Lower Upper
 105 100
 120 40.0 38.1 57.1
 91 41.5 47.4 71.0#
 77 13.0 19.5 29.3#





#75
1,3-Dichlorobenzene
Concen: 0.109 ppbv m
RT: 16.986 min Scan# 4416
Delta R.T. -0.010 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

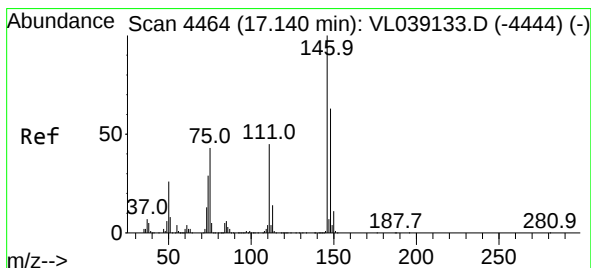
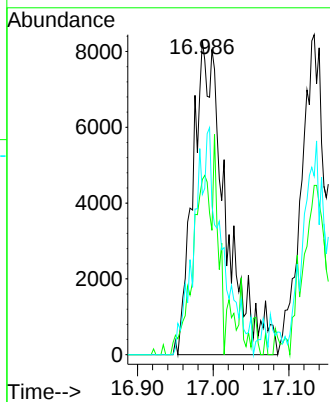
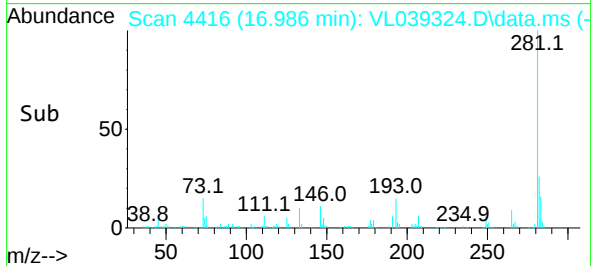
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



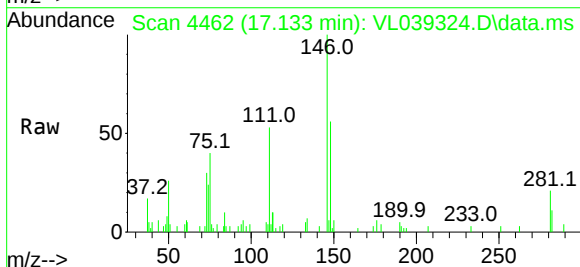
Tgt Ion:146 Resp: 2494
Ion Ratio Lower Upper
146 100
111 0.0 23.8 71.4
148 0.0 32.4 97.0

Manual Integrations
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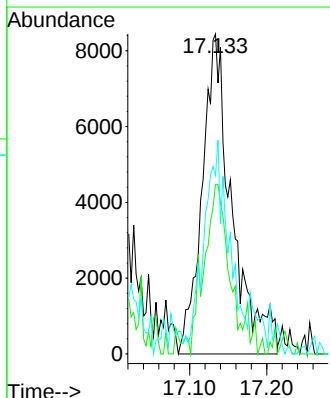
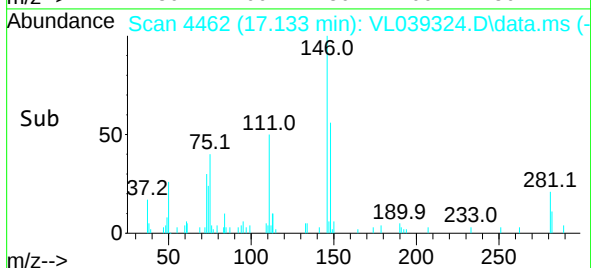
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

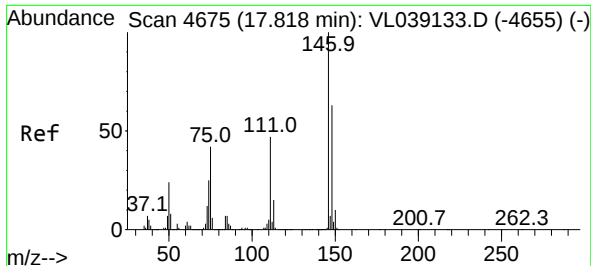


#76
1,4-Dichlorobenzene
Concen: 0.100 ppbv m
RT: 17.133 min Scan# 4462
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



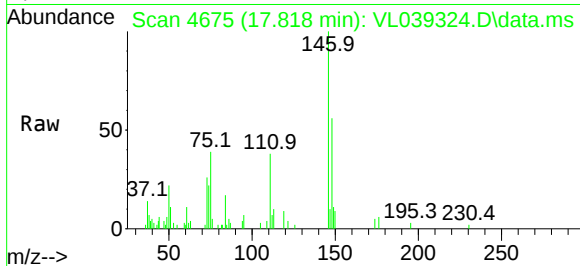
Tgt Ion:146 Resp: 22806
Ion Ratio Lower Upper
146 100
111 48.6 23.6 71.0
148 64.7 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 0.105 ppbv m
RT: 17.818 min Scan# 4675
Delta R.T. 0.000 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

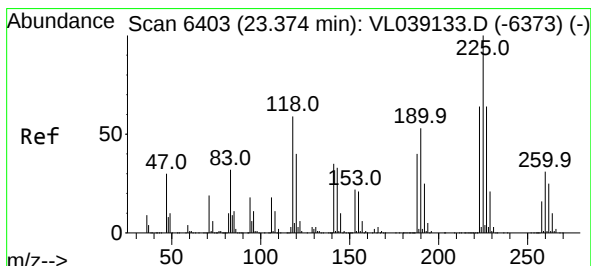
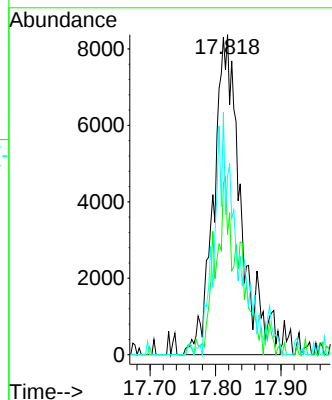
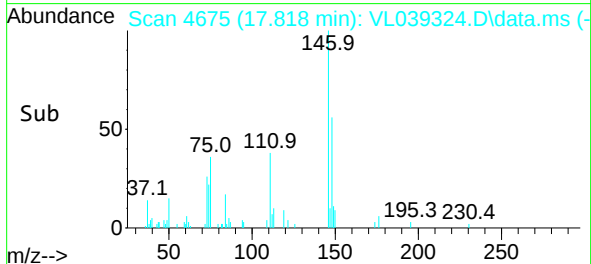
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



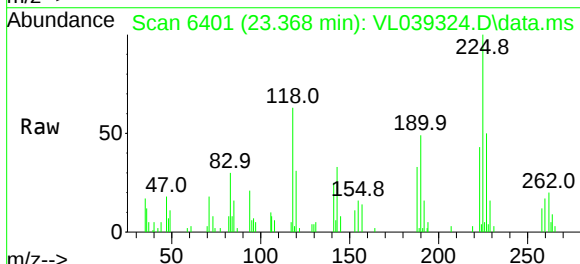
Tgt Ion:146 Resp: 24278
Ion Ratio Lower Upper
146 100
111 0.0 24.4 73.4#
148 0.0 32.1 96.5#

Manual Integrations
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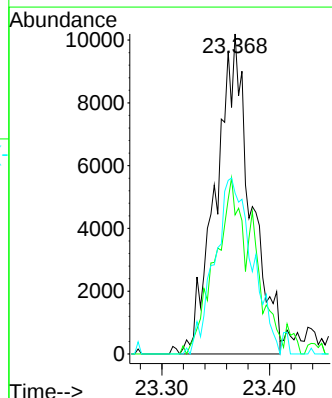
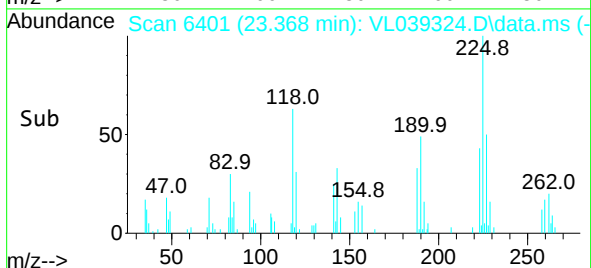
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

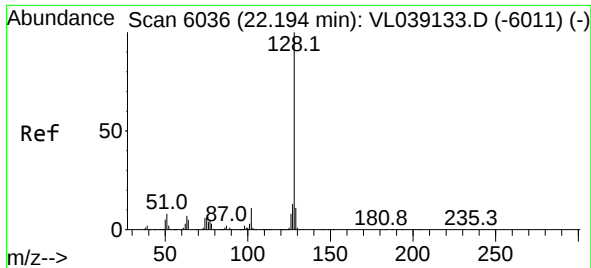


#78
Hexachloro-1,3-Butadiene
Concen: 0.109 ppbv m
RT: 23.368 min Scan# 6401
Delta R.T. -0.006 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



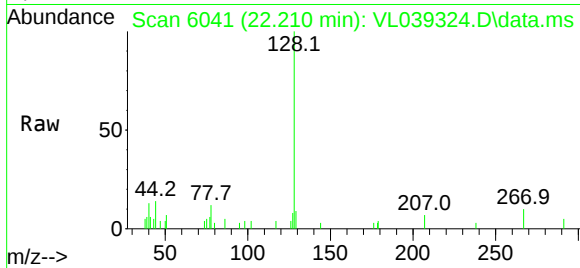
Tgt Ion:225 Resp: 22935
Ion Ratio Lower Upper
225 100
223 0.0 51.4 77.0#
227 0.0 50.6 75.8#





#79
Naphthalene
Concen: 0.053 ppbv m
RT: 22.210 min Scan# 6036
Delta R.T. 0.016 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40

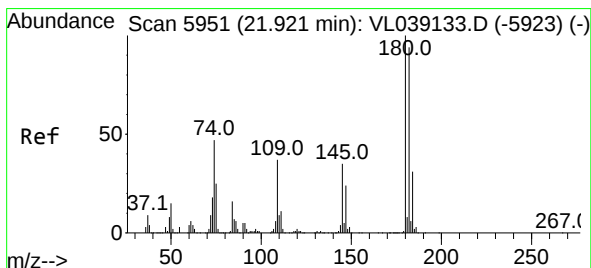
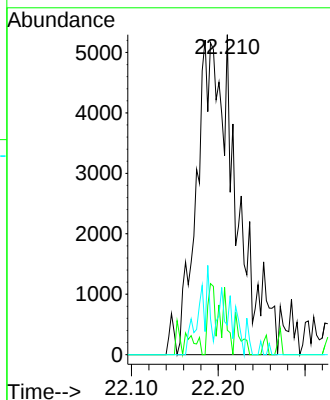
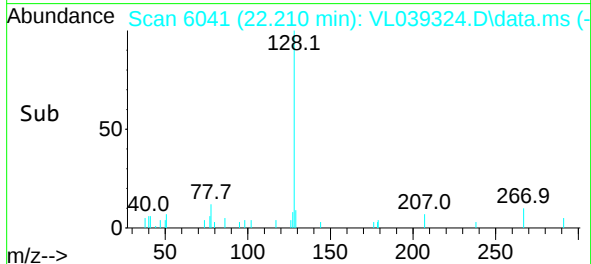
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



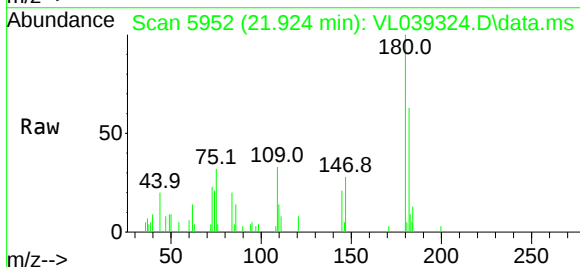
Tgt Ion:128 Resp: 1634
Ion Ratio Lower Upper
128 100
127 7.7 10.4 15.6
129 9.3 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#81
1,2,4-Trichlorobenzene
Concen: 0.072 ppbv m
RT: 21.924 min Scan# 5952
Delta R.T. 0.003 min
Lab File: VL039324.D
Acq: 22 Jun 2022 17:40



Tgt Ion:180 Resp: 14188
Ion Ratio Lower Upper
180 100
182 0.0 0.0 0.0
184 0.0 0.0 0.0

