

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039323.D
 Acq On : 22 Jun 2022 17:01
 Operator : SY/AP
 Sample : N3214-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 23 07:28:26 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 07:28:26 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	5.668	49	1167100	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3385464	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3096376	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	2370826	9.261	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.054	85	105162	0.513	ppbv	94
3) Chlorodifluoromethane	2.989	51	84452	0.569	ppbv	96
4) Chloromethane	3.144	50	42780m	0.561	ppbv	
5) Vinyl Chloride	3.259	62	40946m	0.574	ppbv	
6) Bromomethane	3.475	94	20839m	0.594	ppbv	
7) Chloroethane	3.555	64	13963m	0.562	ppbv	
8) Dichlorotetrafluoroethane	3.189	85	105312m	0.562	ppbv	
9) Propene	3.012	41	38433	0.594	ppbv	99
10) Heptane	8.118	43	78500	0.520	ppbv	96
11) Trichlorofluoromethane	3.954	101	97498	0.525	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.488	101	75380	0.614	ppbv	97
13) Ethanol	3.613	45	2310m	0.654	ppbv	
14) Bromoethene	3.742	108	29399m	0.533	ppbv	
15) Acetone	3.861	43	82381m	0.678	ppbv	
16) 1,3-Butadiene	3.330	39	39766	0.608	ppbv	95
17) tert-Butyl alcohol	4.301	59	61714m	0.654	ppbv	
18) 1,1-Dichloroethene	4.295	96	34759m	0.631	ppbv	
19) Isopropyl Alcohol	3.976	45	34879m	0.612	ppbv	
20) Methylene Chloride	4.346	84	46314	0.904	ppbv #	85
21) Allyl Chloride	4.410	41	46319	0.565	ppbv	88
22) trans-1,2-Dichloroethene	4.890	96	31392m	0.593	ppbv	
23) Vinyl Acetate	5.076	43	55984m	0.557	ppbv	
24) 1,1-Dichloroethane	5.009	63	69259	0.503	ppbv	97
25) Ethyl Acetate	5.684	43	153837	0.561	ppbv	98
26) Hexane	5.687	57	67381m	0.560	ppbv	
27) Carbon Disulfide	4.552	76	58961	0.472	ppbv #	83
28) Methyl tert-Butyl Ether	5.047	73	59847m	0.450	ppbv	
29) Chloroform	5.751	83	97278	0.480	ppbv	99
30) Cyclohexane	7.127	84	60279m	0.596	ppbv	
31) cis-1,2-Dichloroethene	5.549	61	59708	0.486	ppbv	94
32) 1,1,1-Trichloroethane	6.510	97	102547m	0.517	ppbv	
34) 2-Butanone	5.256	43	89950m	0.489	ppbv	
35) Carbon Tetrachloride	7.015	117	97927	0.396	ppbv	95
36) Benzene	6.890	78	124570	0.453	ppbv #	91
37) 1,2-Dichloroethane	6.301	62	73254	0.405	ppbv #	94
38) Trichloroethene	7.828	130	69237m	0.548	ppbv	
39) 1,2-Dichloropropane	7.610	63	49714	0.455	ppbv	97
40) 1,4-Dioxane	7.867	88	21942m	0.610	ppbv	
41) Tetrahydrofuran	6.076	42	48886m	0.442	ppbv	
42) Bromodichloromethane	7.787	83	96058	0.383	ppbv #	97
43) Methyl Methacrylate	8.018	69	47973m	0.448	ppbv	
44) 2,2,4-Trimethylpentane	7.870	57	229258	0.477	ppbv	97
45) t-1,3-Dichloropropene	9.275	75	33143m	0.297	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 07:28:26 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 6

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	52557m	0.357	ppbv	
47) 1,1,2-Trichloroethane	9.468	97	53036	0.465	ppbv	93
48) Dibromochloromethane	10.298	129	75421m	0.370	ppbv	
49) Bromoform	13.031	173	55728m	0.328	ppbv	
50) 4-Methyl-2-Pentanone	8.758	43	121481m	0.441	ppbv	
51) 2-Hexanone	10.153	43	83145m	0.388	ppbv	
52) Tetrachloroethene	11.224	164	53512m	0.499	ppbv	
53) Toluene	9.806	91	148189m	0.468	ppbv	
54) 1,2-Dibromoethane	10.610	107	69235m	0.452	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.127	131	67608m	0.461	ppbv	
57) Chlorobenzene	12.143	112	132453m	0.569	ppbv	
58) Ethyl Benzene	12.706	91	198917	0.466	ppbv	99
59) m/p-Xylene	12.983	91	357468m	0.952	ppbv	
60) o-Xylene	13.683	91	171393	0.486	ppbv	99
61) Styrene	13.523	104	78801m	0.417	ppbv	
62) Isopropylbenzene	14.658	105	273466	0.521	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.674	83	90912m	0.459	ppbv	
64) n-propylbenzene	15.561	120	61420	0.476	ppbv	86
65) tert-Butylbenzene	16.738	119	241204	0.503	ppbv	99
66) Benzyl Chloride	16.979	91	18524m	0.297	ppbv	
67) sec-Butylbenzene	17.281	105	318200	0.486	ppbv	100
69) p-Isopropyltoluene	17.648	119	255463	0.463	ppbv	99
70) n-Butylbenzene	18.539	91	250946m	0.443	ppbv	
71) 2-Chlorotoluene	15.442	91	186366	0.466	ppbv	97
72) 4-Ethyltoluene	15.834	105	186821	0.452	ppbv	98
73) 1,3,5-Trimethylbenzene	15.989	105	167379	0.449	ppbv	99
74) 1,2,4-Trimethylbenzene	16.748	105	206798m	0.497	ppbv	
75) 1,3-Dichlorobenzene	16.986	146	122881m	0.521	ppbv	
76) 1,4-Dichlorobenzene	17.133	146	123056m	0.523	ppbv	
77) 1,2-Dichlorobenzene	17.812	146	115780m	0.487	ppbv	
78) Hexachloro-1,3-Butadiene	23.362	225	112260m	0.517	ppbv	
79) Naphthalene	22.191	128	129530	0.404	ppbv	98
80) Naphthalene,2-methyl-	24.972	142	29089m	0.244	ppbv	
81) 1,2,4-Trichlorobenzene	21.921	180	85221m	0.420	ppbv	

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

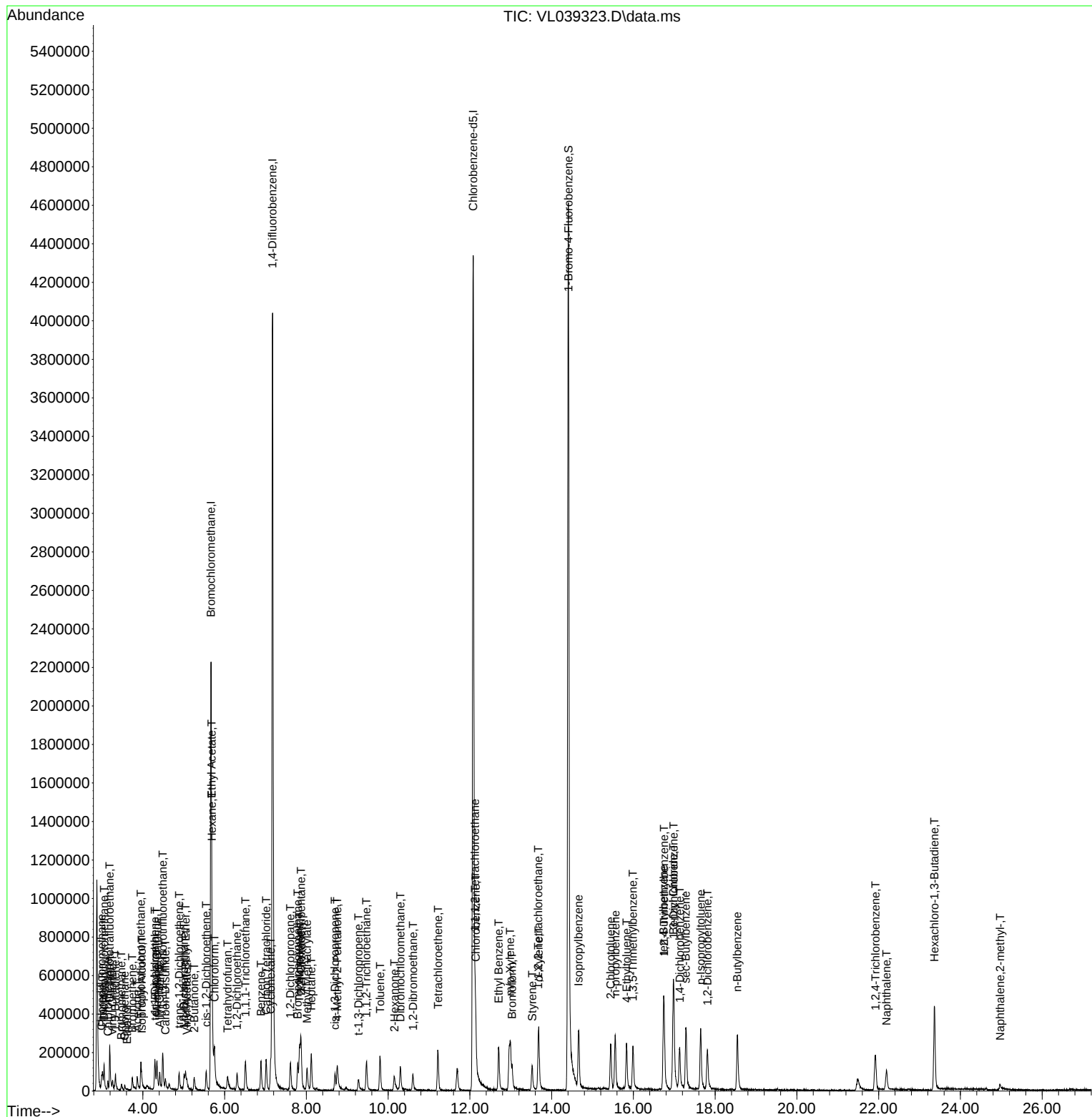
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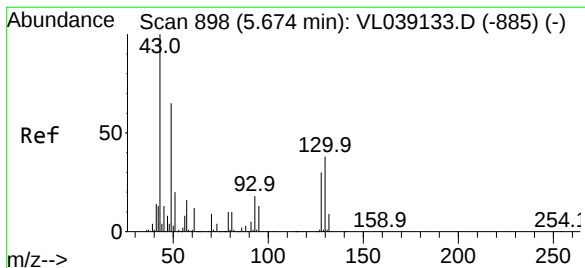
Instrument :
MSVOA_L
ClientSampleId :
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QLast Update : Wed Jun 01 01:22:18 2022
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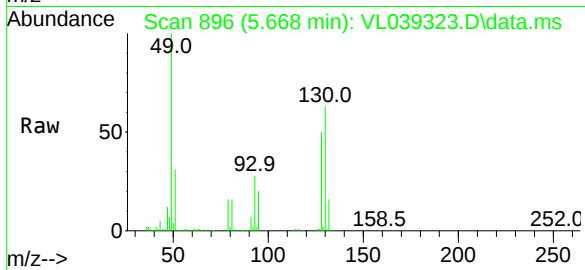
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 89
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

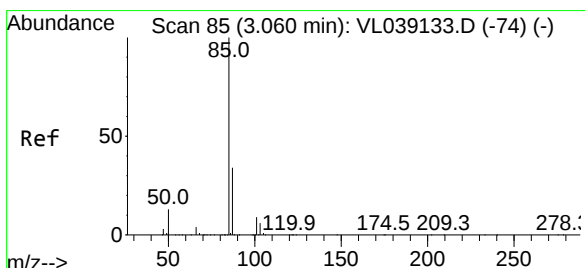
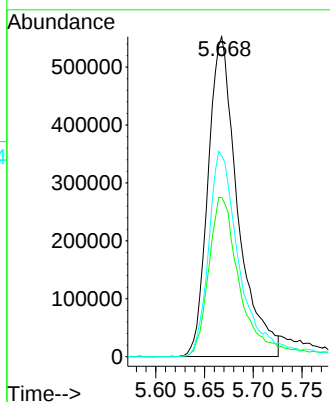
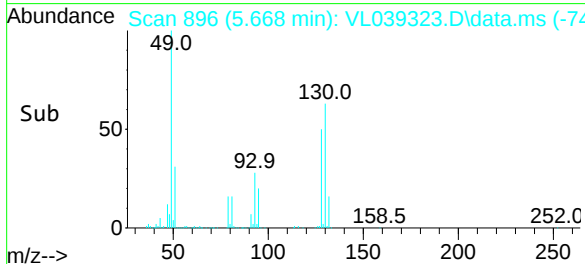
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 49 Resp: 1167100
Ion Ratio Lower Upper
49 100
128 55.3 24.7 74.1
130 69.9 31.4 94.0

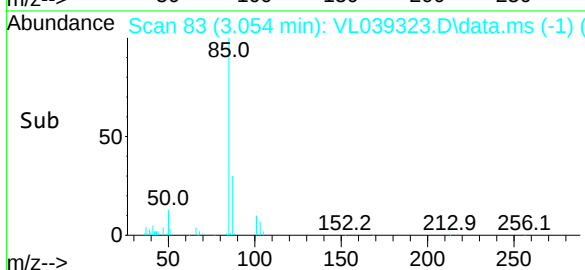
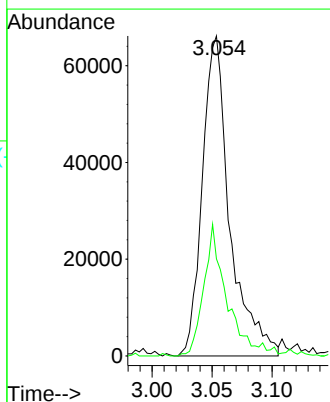
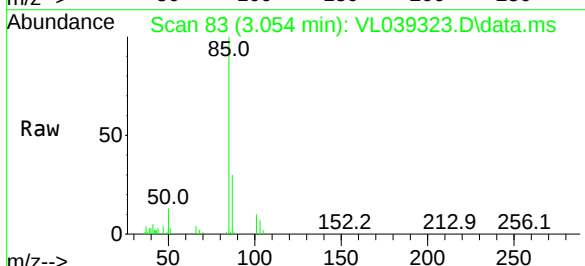
Manual Integrations
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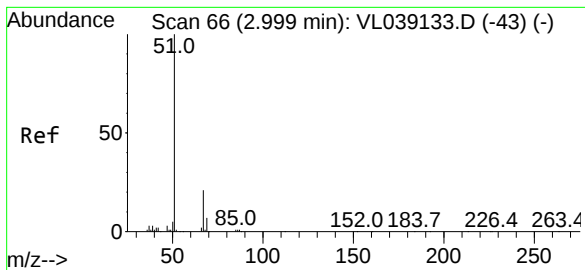
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#2
Dichlorodifluoromethane
Concen: 0.513 ppbv
RT: 3.054 min Scan# 83
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion: 85 Resp: 105162
Ion Ratio Lower Upper
85 100
87 30.3 26.9 40.3





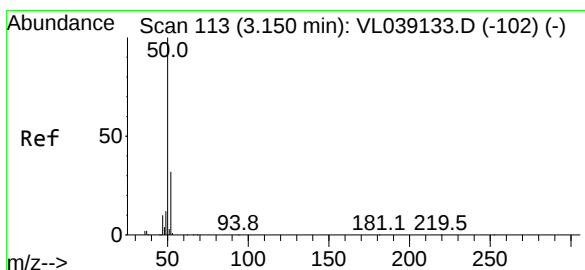
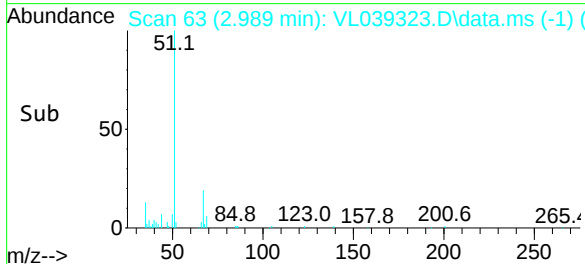
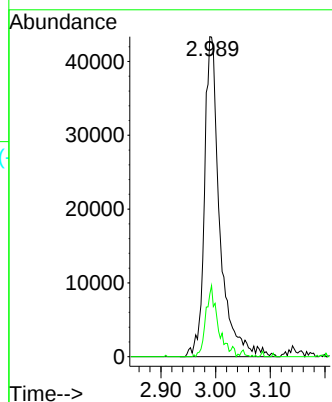
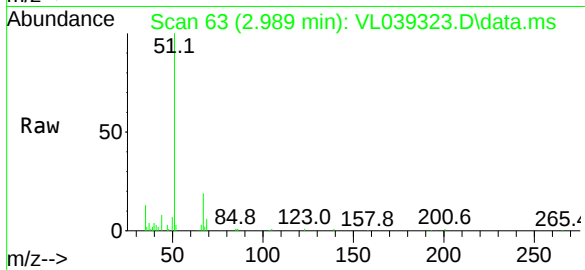
#3
Chlorodifluoromethane
Concen: 0.569 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

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

Tgt Ion: 51 Resp: 8445
Ion Ratio Lower Upper
51 100
67 18.5 16.2 24.4

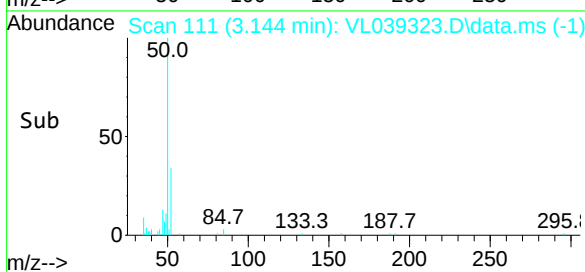
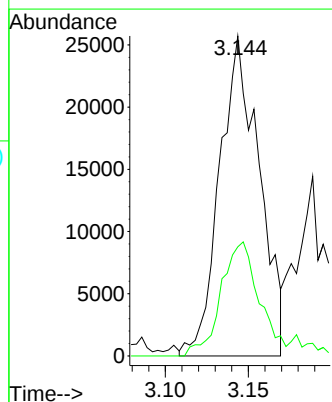
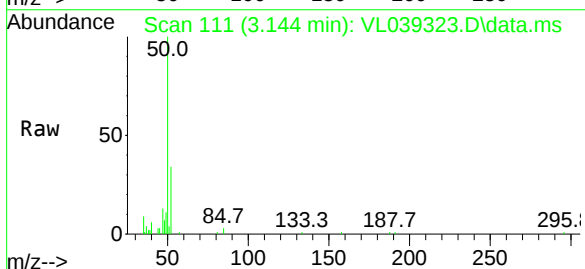
Manual Integrations
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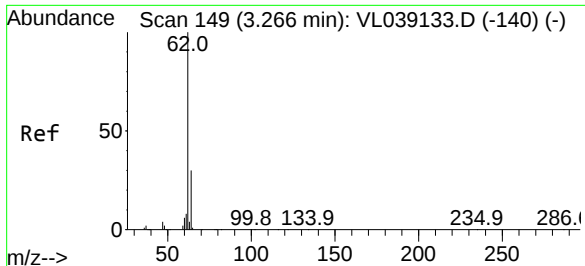
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Chloromethane
Concen: 0.561 ppbv m
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

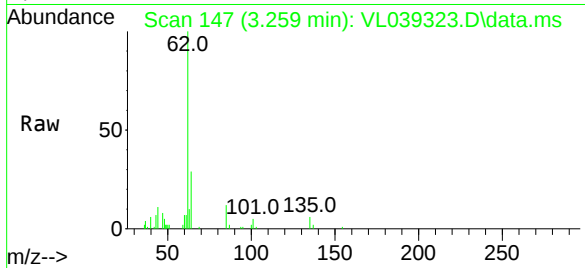
Tgt Ion: 50 Resp: 42780
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.574 ppbv m
 RT: 3.259 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

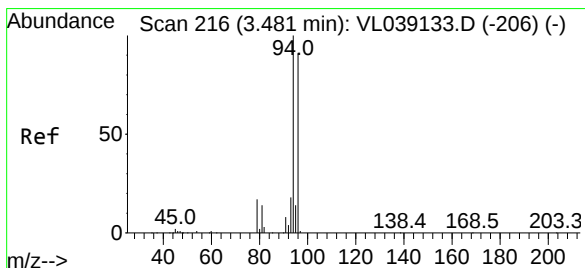
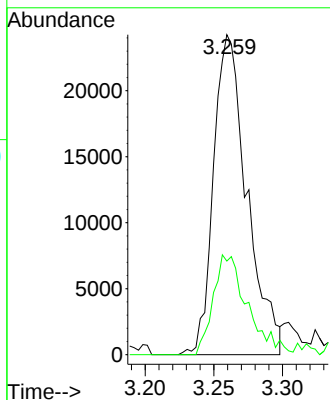
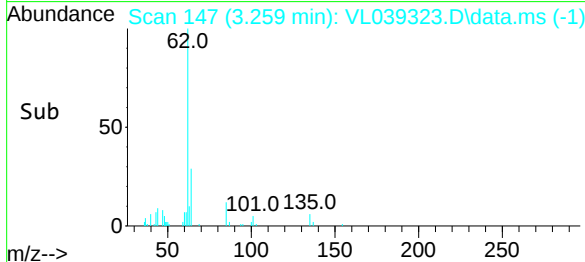
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 62 Resp: 40940
 Ion Ratio Lower Upper
 62 100
 64 29.3 24.2 36.2

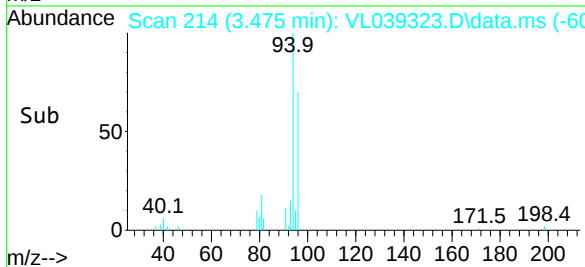
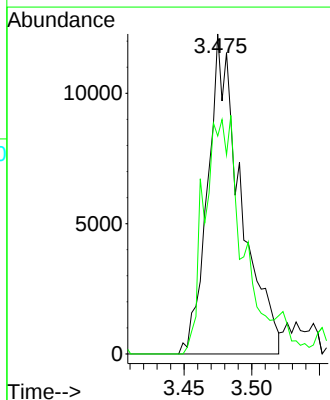
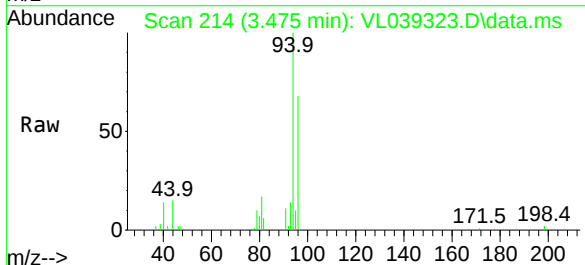
Manual Integrations
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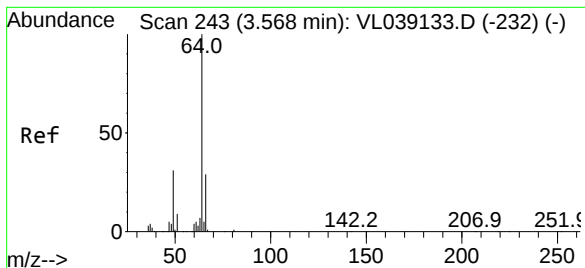
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#6
 Bromomethane
 Concen: 0.594 ppbv m
 RT: 3.475 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

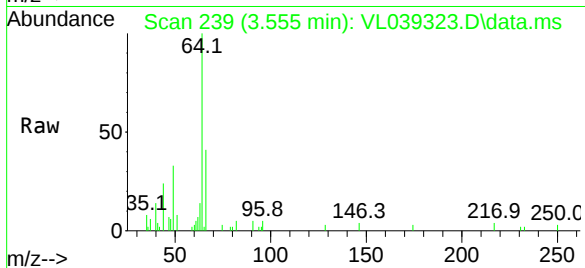
Tgt Ion: 94 Resp: 20839
 Ion Ratio Lower Upper
 94 100
 96 68.1 73.0 109.4#





#7
Chloroethane
Concen: 0.562 ppbv m
RT: 3.555 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

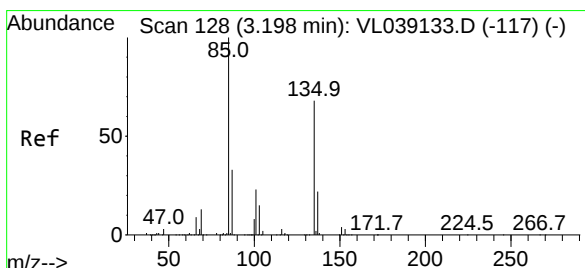
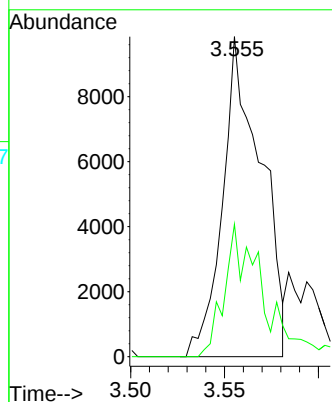
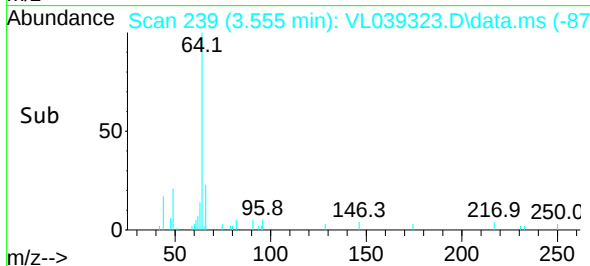
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 64 Resp: 1396
Ion Ratio Lower Upper
64 100
66 41.4 23.6 35.4

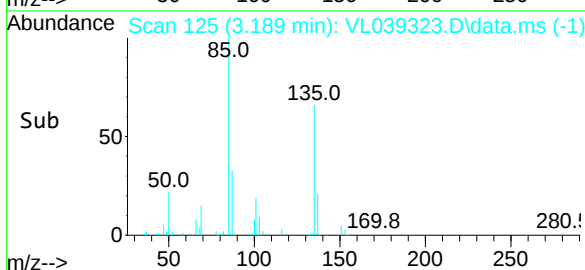
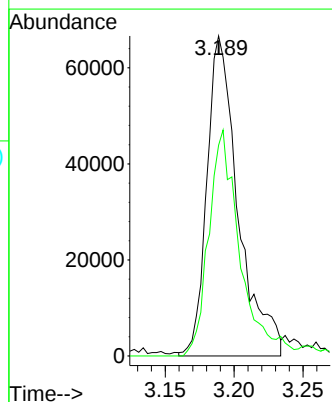
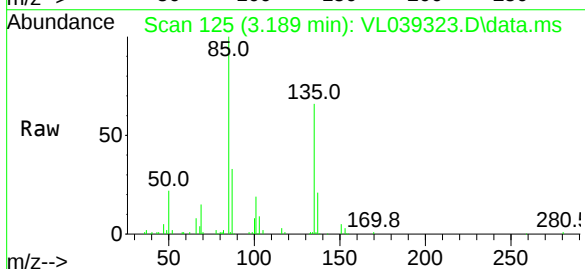
Manual Integrations
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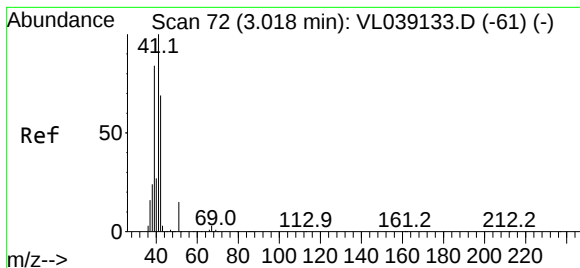
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Dichlorotetrafluoroethane
Concen: 0.562 ppbv m
RT: 3.189 min Scan# 125
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion: 85 Resp: 105312
Ion Ratio Lower Upper
85 100
135 73.2 55.0 82.4





#9

Propene

Concen: 0.594 ppbv

RT: 3.012 min Scan# 70

Delta R.T. -0.006 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

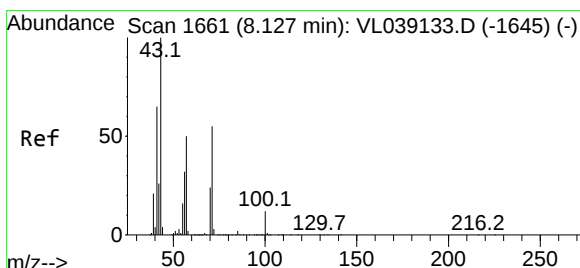
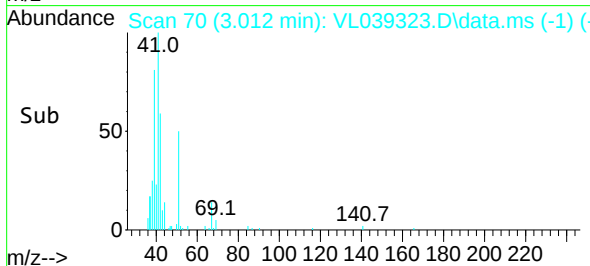
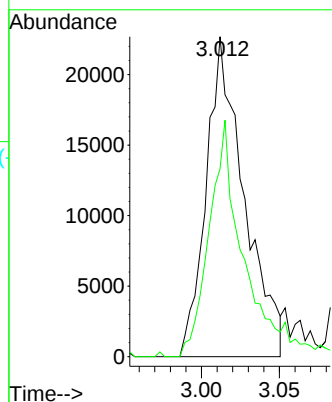
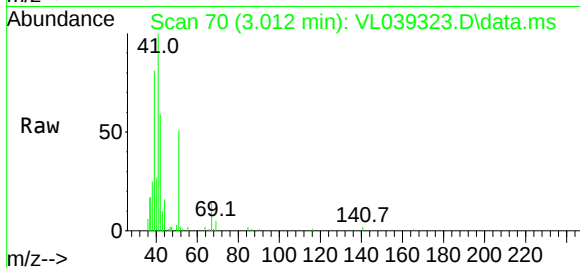
LOQ-AIR-02-QT2-2022

Tgt Ion: 41 Resp: 3843

Ion	Ratio	Lower	Upper
41	100		
42	69.8	55.4	83.2

Manual Integrations
APPROVED

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



#10

Heptane

Concen: 0.520 ppbv

RT: 8.118 min Scan# 1658

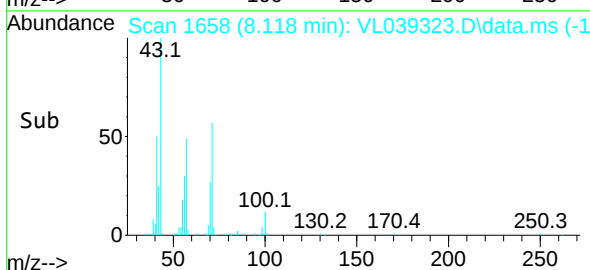
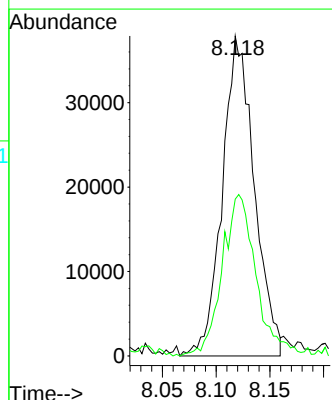
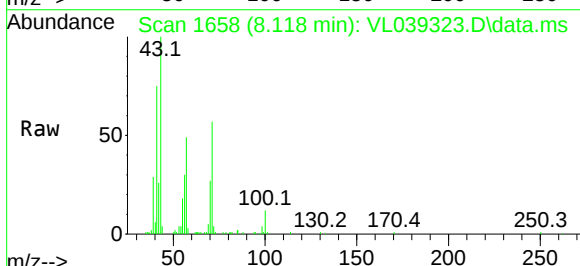
Delta R.T. -0.010 min

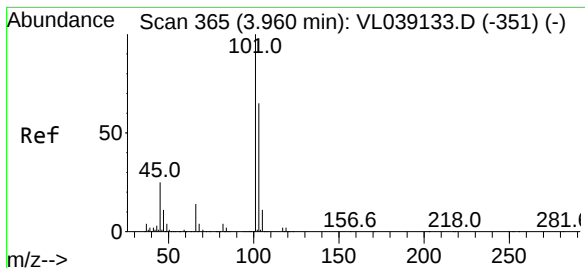
Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Tgt Ion: 43 Resp: 78500

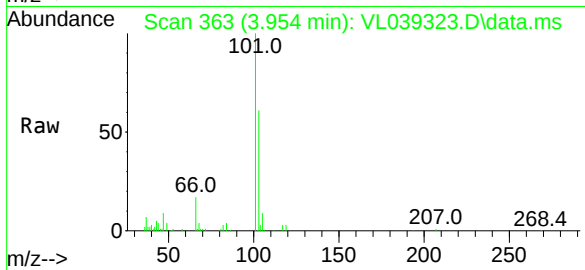
Ion	Ratio	Lower	Upper
43	100		
57	54.6	41.4	62.2





#11
Trichlorofluoromethane
Concen: 0.525 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

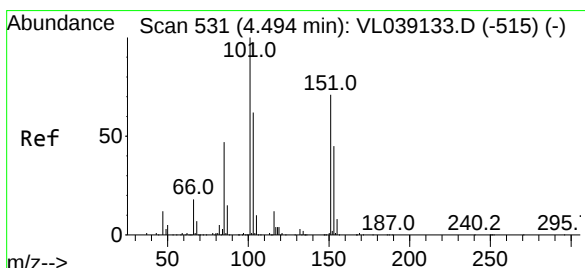
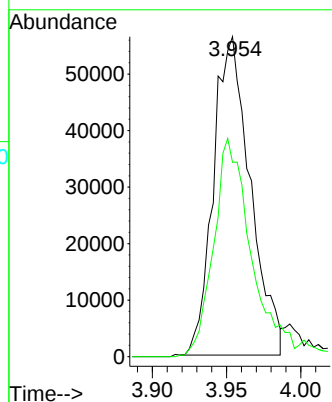
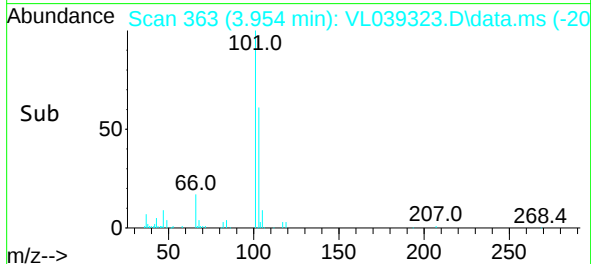
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion:101 Resp: 97498
Ion Ratio Lower Upper
101 100
103 60.6 51.7 77.5

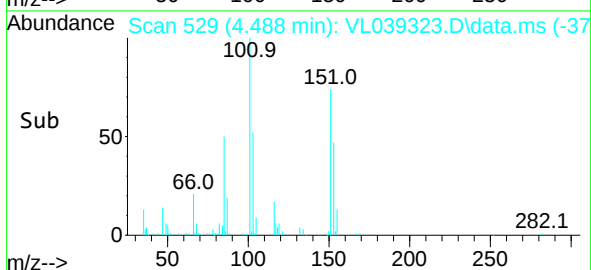
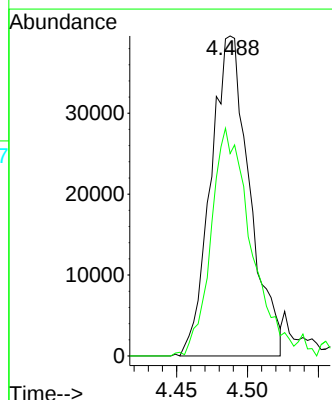
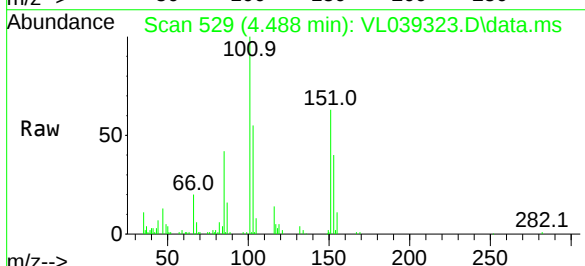
Manual Integrations
APPROVED

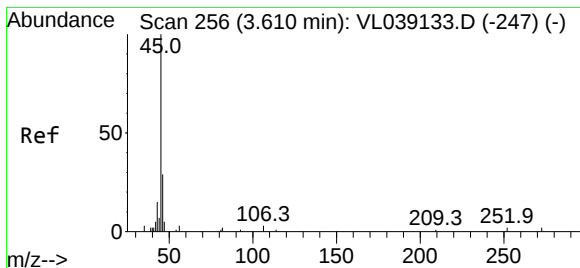
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.614 ppbv
RT: 4.488 min Scan# 529
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion:101 Resp: 75380
Ion Ratio Lower Upper
101 100
151 77.1 59.4 89.0





#13

Ethanol

Concen: 0.654 ppbv m

RT: 3.613 min Scan# 2

Delta R.T. 0.003 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion: 45 Resp: 2310

Ion Ratio Lower Upper

45 100

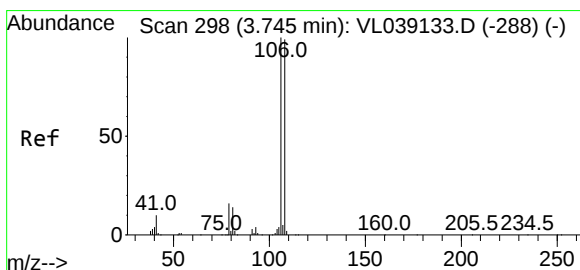
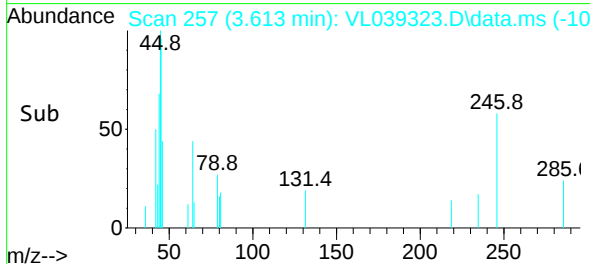
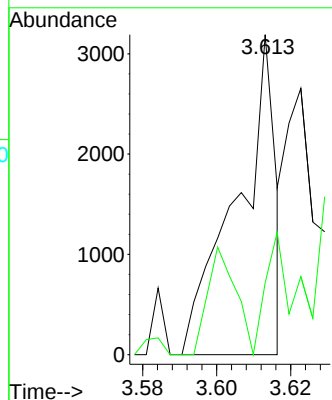
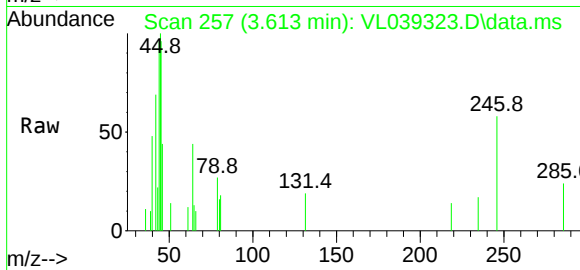
46 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#14

Bromoethene

Concen: 0.533 ppbv m

RT: 3.742 min Scan# 297

Delta R.T. -0.003 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

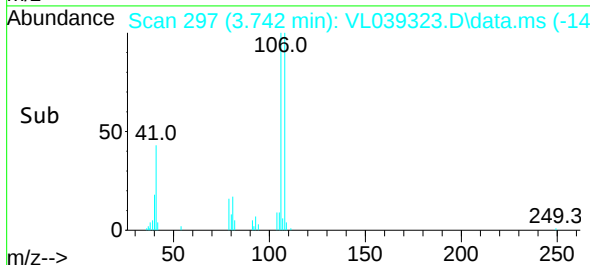
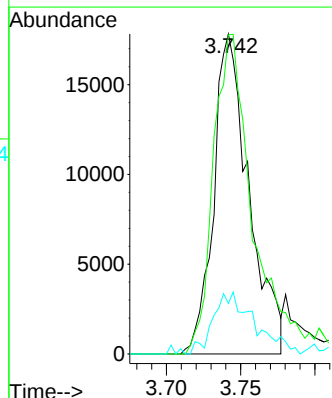
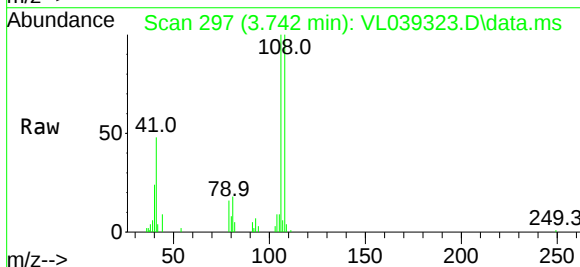
Tgt Ion:108 Resp: 29399

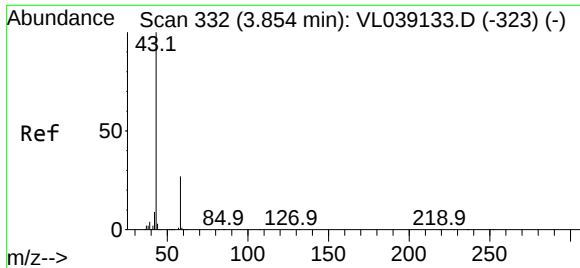
Ion Ratio Lower Upper

108 100

106 117.8 88.4 132.6

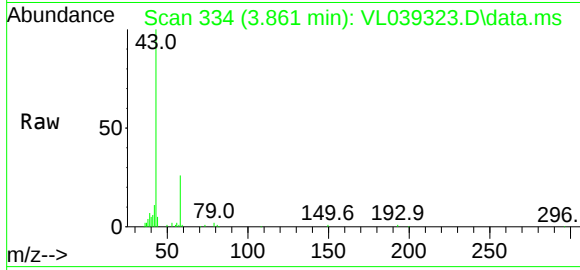
79 23.0 13.4 20.2#





#15
Acetone
Concen: 0.678 ppbv m
RT: 3.861 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

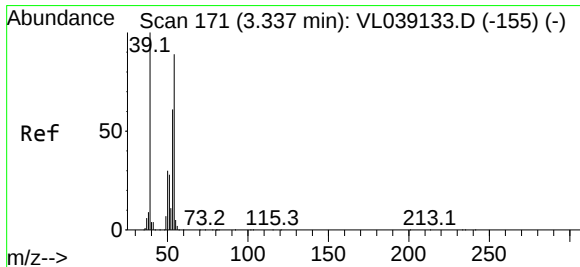
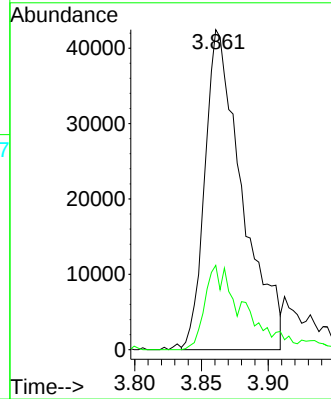
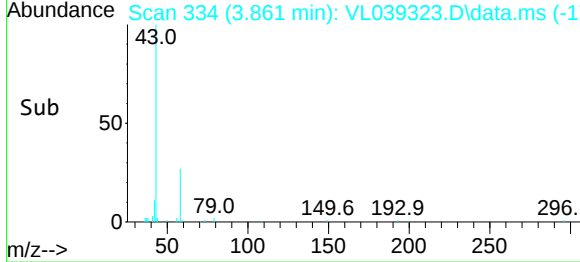
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 8238
Ion Ratio Lower Upper
43 100
58 29.2 22.5 33.7

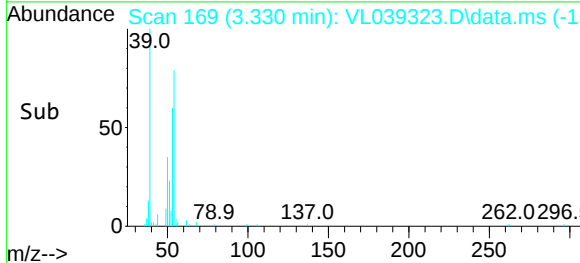
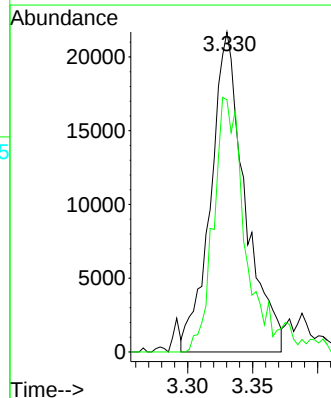
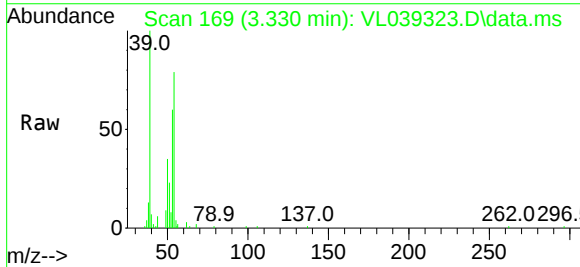
Manual Integrations
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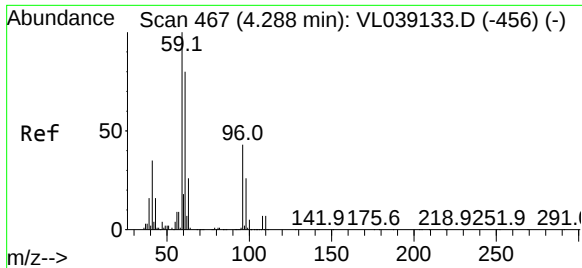
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
1,3-Butadiene
Concen: 0.608 ppbv
RT: 3.330 min Scan# 169
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion: 39 Resp: 39766
Ion Ratio Lower Upper
39 100
54 77.6 65.8 98.6





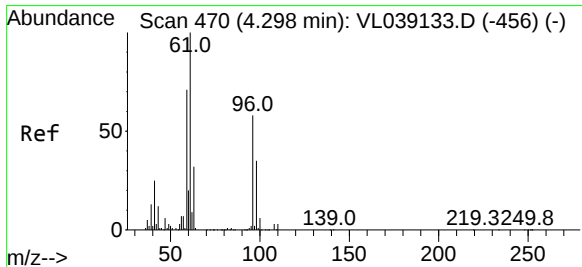
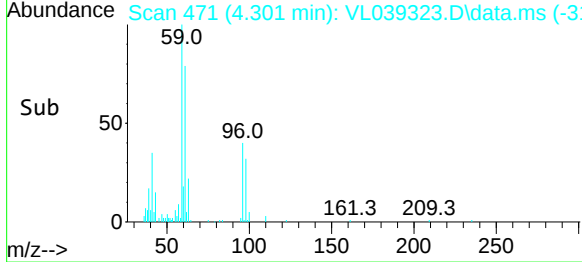
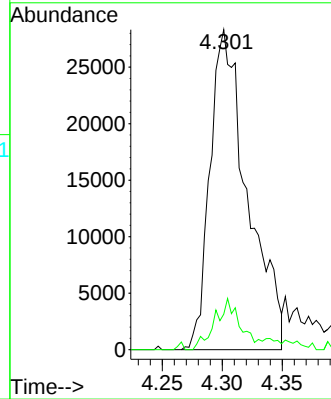
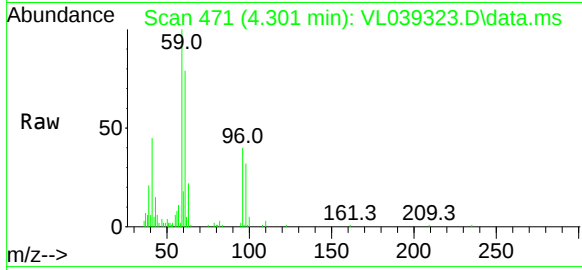
#17
tert-Butyl alcohol
Concen: 0.654 ppbv m
RT: 4.301 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

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

Tgt Ion: 59 Resp: 61714
Ion Ratio Lower Upper
59 100
57 13.9 9.1 13.75

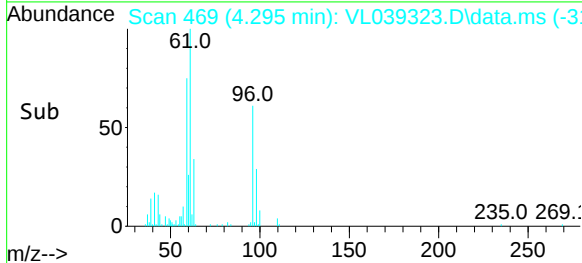
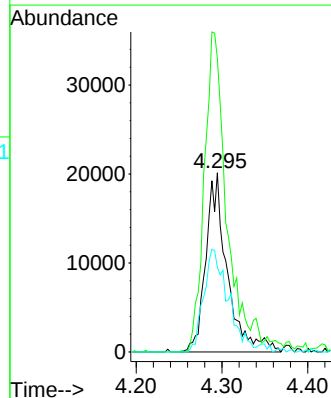
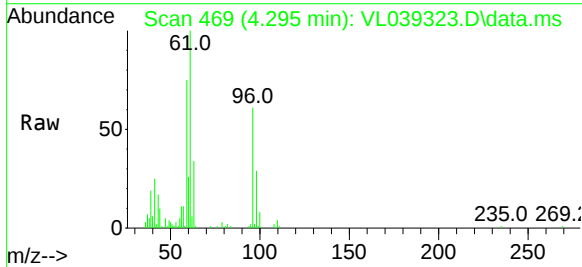
Manual Integrations
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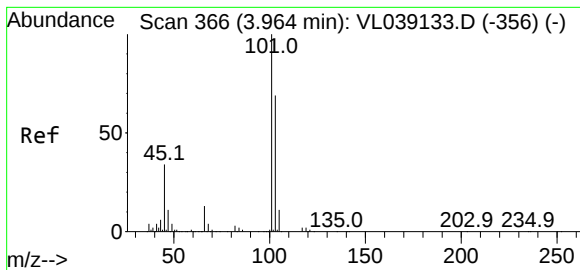
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
1,1-Dichloroethene
Concen: 0.631 ppbv m
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

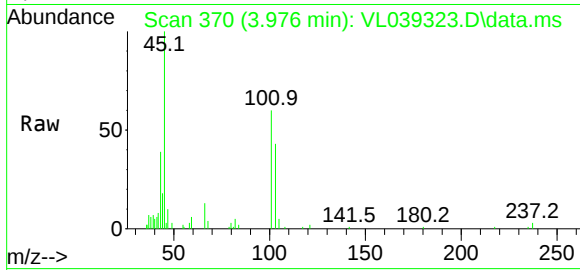
Tgt Ion: 96 Resp: 34759
Ion Ratio Lower Upper
96 100
61 163.9 138.4 207.6
98 47.2 47.8 71.8#





#19
Isopropyl Alcohol
Concen: 0.612 ppbv
RT: 3.976 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

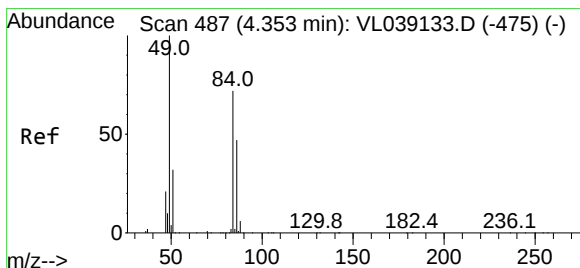
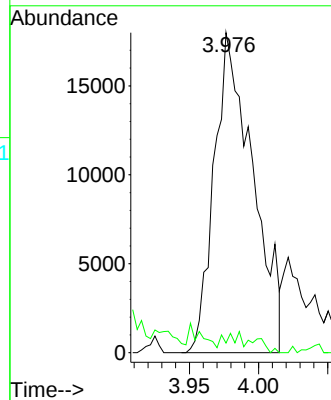
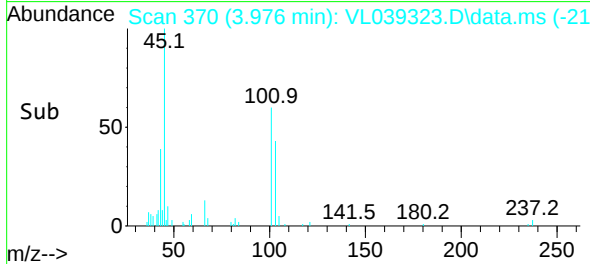
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 45 Resp: 34879
Ion Ratio Lower Upper
45 100
58 7.4 1.8 2.8

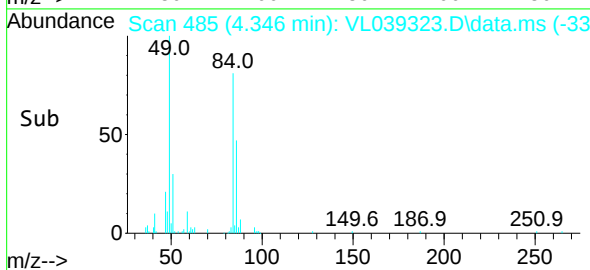
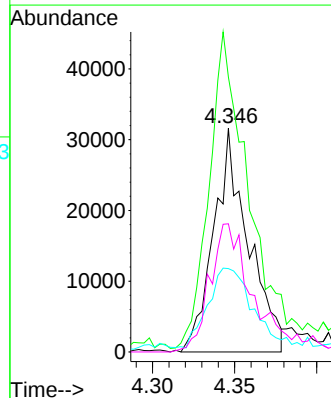
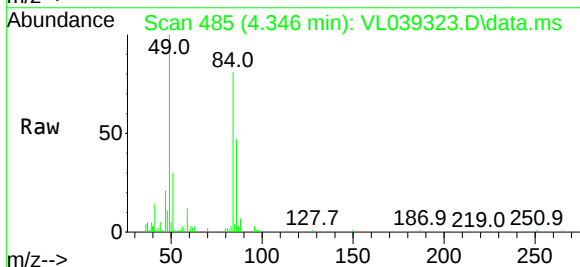
Manual Integrations
APPROVED

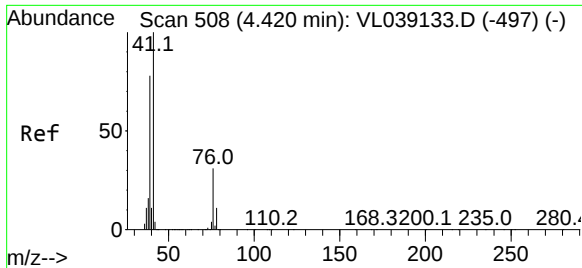
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 0.904 ppbv
RT: 4.346 min Scan# 485
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

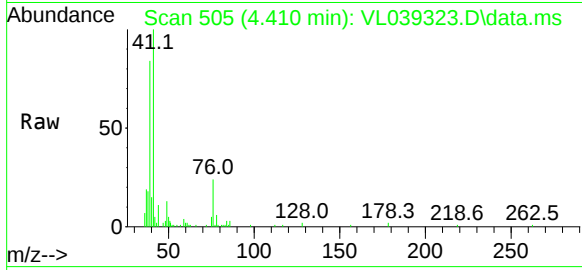
Tgt Ion: 84 Resp: 46314
Ion Ratio Lower Upper
84 100
49 119.0 111.1 166.7
51 34.9 35.3 52.9#
86 56.0 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.565 ppbv
 RT: 4.410 min Scan# 508
 Delta R.T. -0.010 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

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

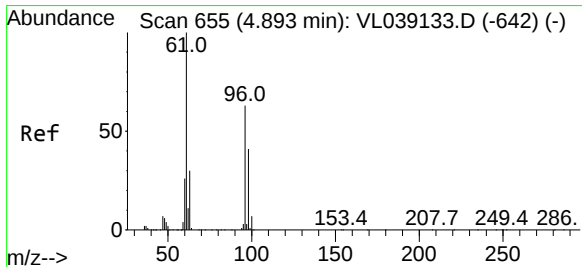
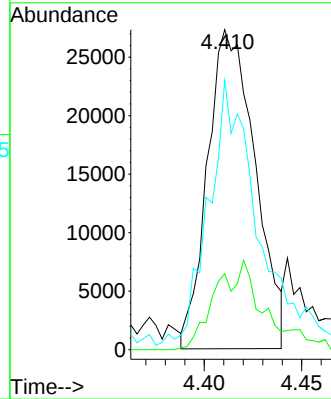
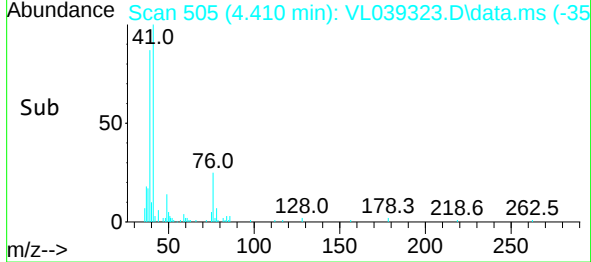


Tgt Ion: 41 Resp: 46319

Ion	Ratio	Lower	Upper
41	100		
76	28.9	24.2	36.2
39	91.6	62.2	93.2

Manual Integrations
 APPROVED

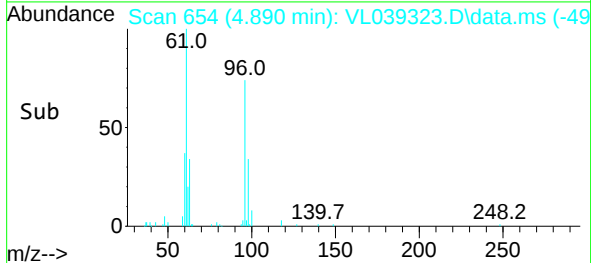
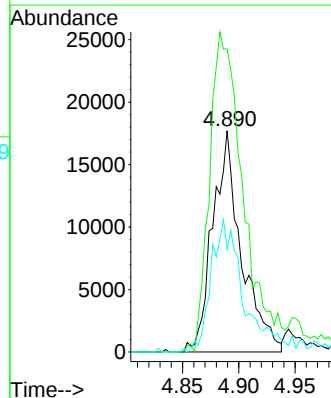
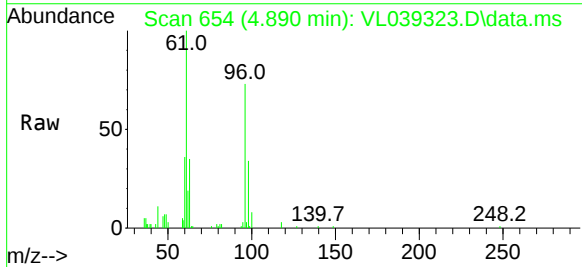
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

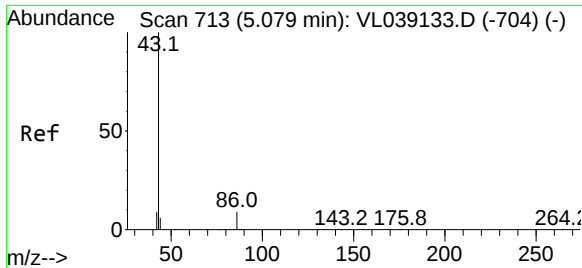


#22
 trans-1,2-Dichloroethene
 Concen: 0.593 ppbv m
 RT: 4.890 min Scan# 654
 Delta R.T. -0.003 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

Tgt Ion: 96 Resp: 31392

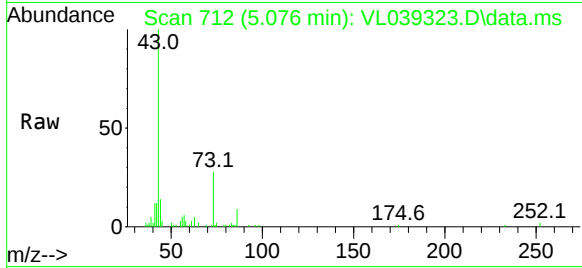
Ion	Ratio	Lower	Upper
96	100		
61	136.9	126.6	190.0
98	46.6	52.5	78.7#





#23
 Vinyl Acetate
 Concen: 0.557 ppbv m
 RT: 5.076 min Scan# 713
 Delta R.T. -0.003 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

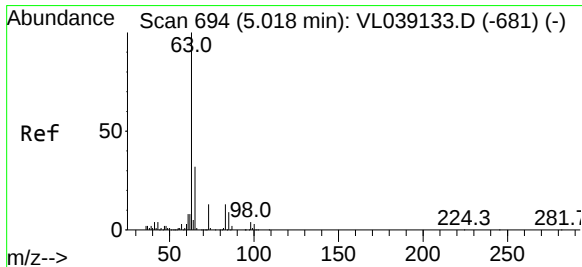
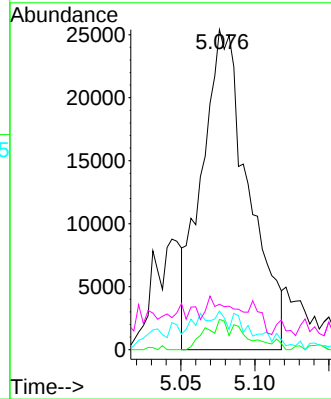
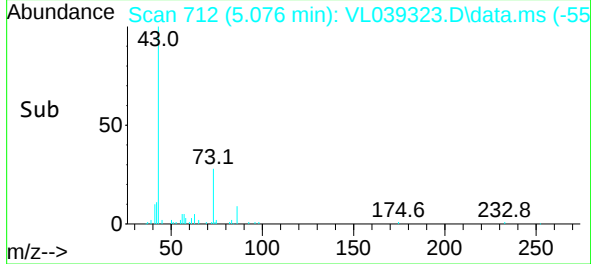
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



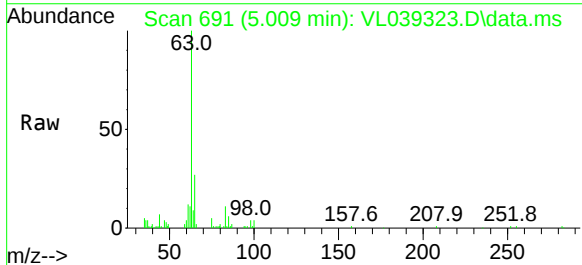
Tgt Ion: 43 Resp: 55984
 Ion Ratio Lower Upper
 43 100
 86 9.4 6.0 9.0
 42 12.0 8.2 12.4
 44 14.2 4.3 6.5#

Manual Integrations
 APPROVED

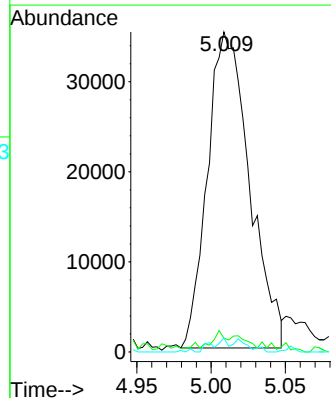
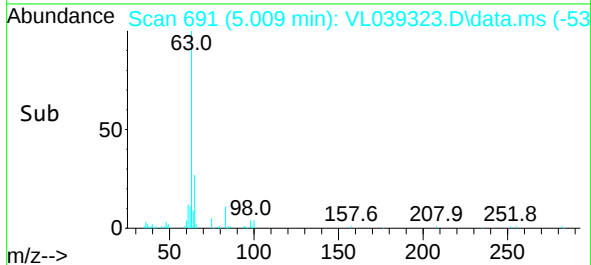
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

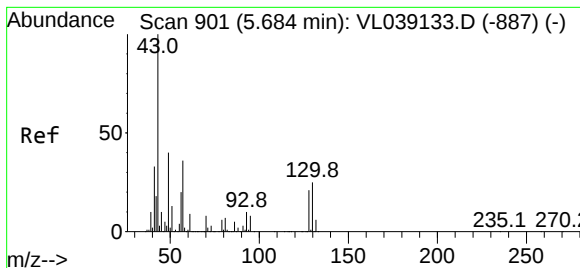


#24
 1,1-Dichloroethane
 Concen: 0.503 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.010 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01



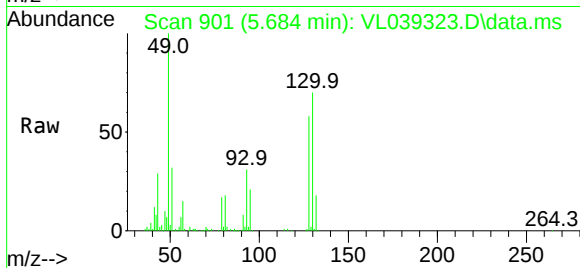
Tgt Ion: 63 Resp: 69259
 Ion Ratio Lower Upper
 63 100
 98 3.2 2.1 6.2
 100 3.9 1.5 4.5





#25
Ethyl Acetate
Concen: 0.561 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.000 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

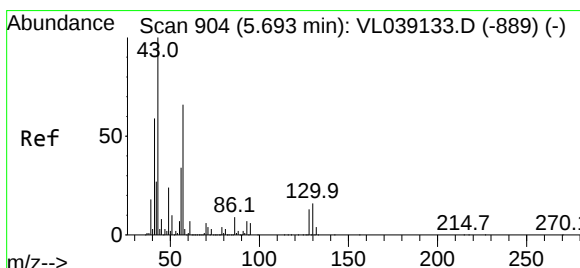
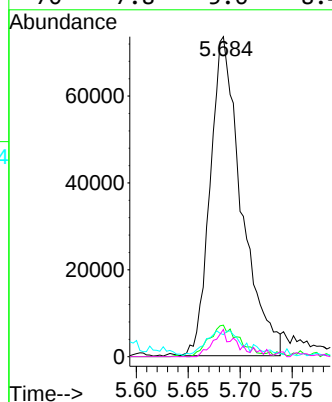
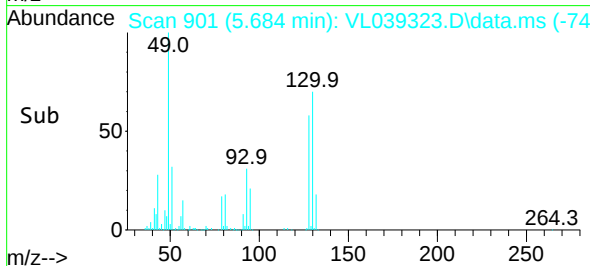
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 43	Resp: 15383
Ion Ratio	Lower Upper
43 100	
45 10.2	8.2 12.2
61 11.5	8.4 12.6
70 7.8	5.6 8.4

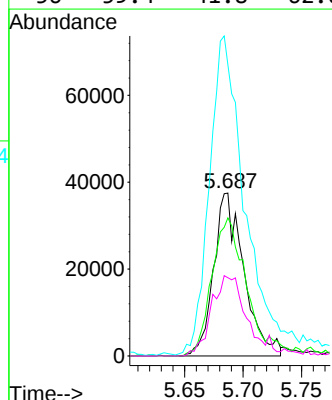
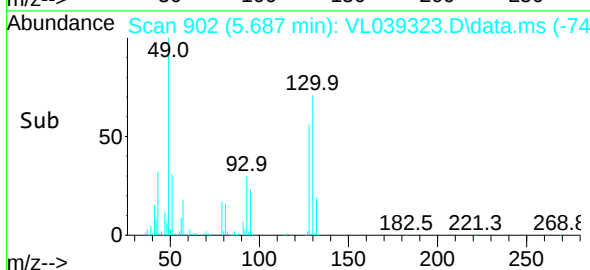
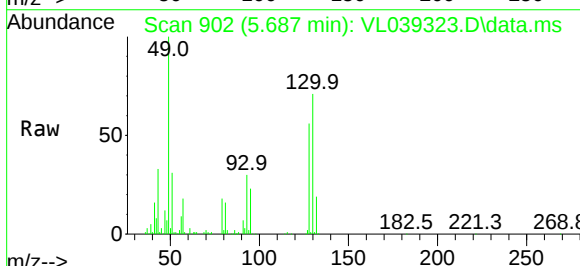
Manual Integrations
APPROVED

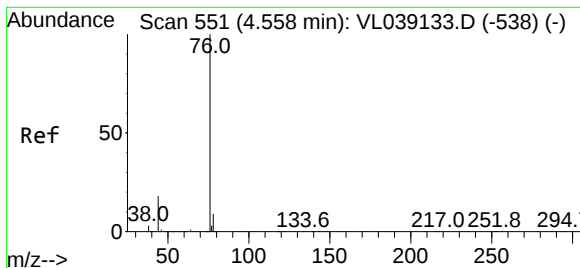
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Hexane
Concen: 0.560 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

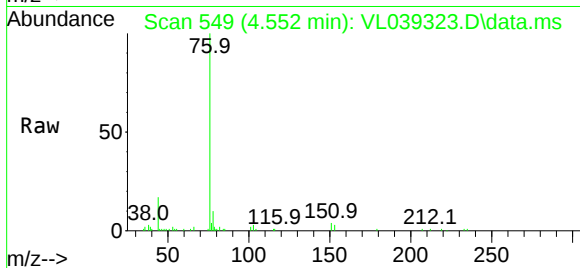
Tgt Ion: 57	Resp: 67381
Ion Ratio	Lower Upper
57 100	
41 103.8	72.4 108.6
43 250.1	187.0 280.6
56 59.4	41.8 62.6





#27
Carbon Disulfide
Concen: 0.472 ppbv
RT: 4.552 min Scan# 549
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

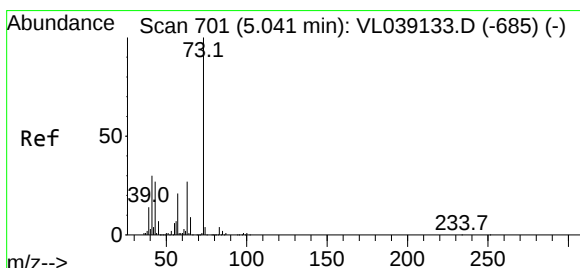
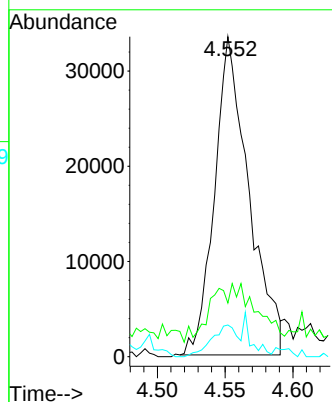
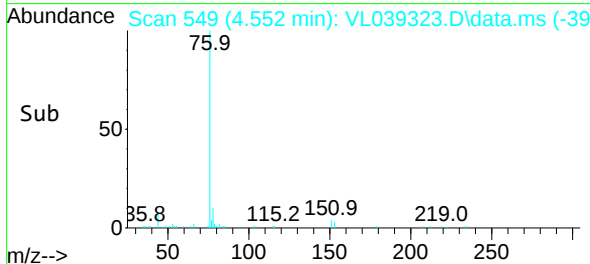
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 76 Resp: 5896
Ion Ratio Lower Upper
76 100
44 28.1 14.4 21.6
78 12.1 7.7 11.5

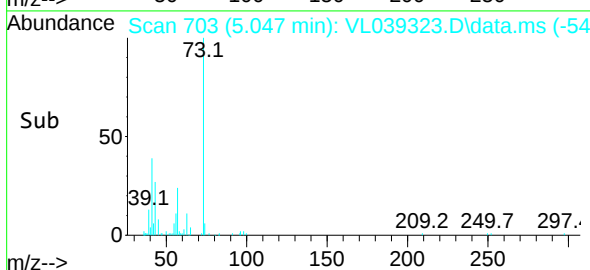
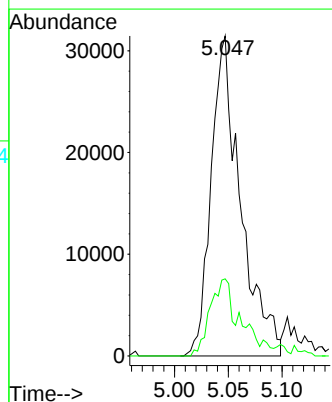
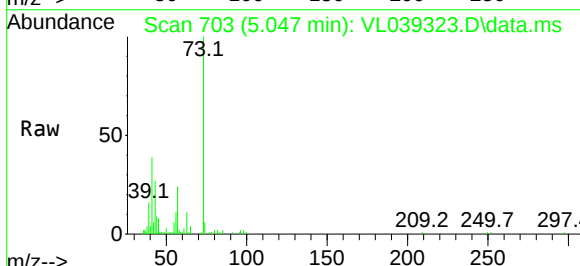
Manual Integrations
APPROVED

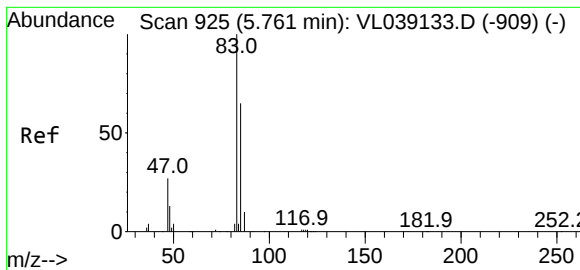
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Methyl tert-Butyl Ether
Concen: 0.450 ppbv m
RT: 5.047 min Scan# 703
Delta R.T. 0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

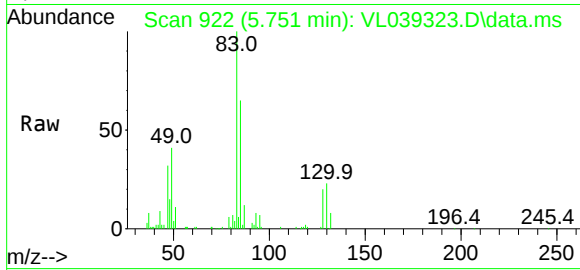
Tgt Ion: 73 Resp: 59847
Ion Ratio Lower Upper
73 100
57 27.0 18.6 27.8





#29
Chloroform
Concen: 0.480 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

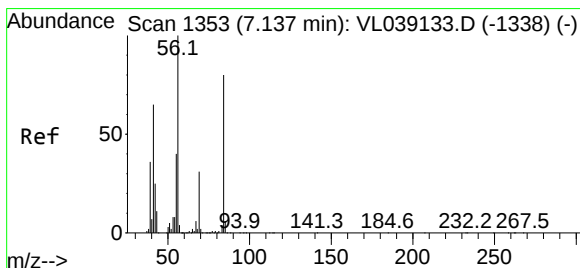
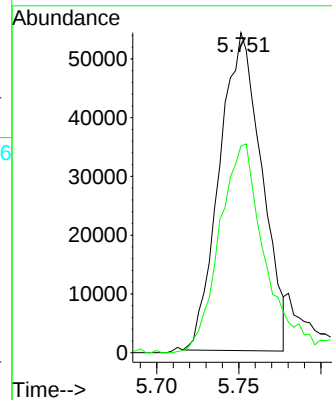
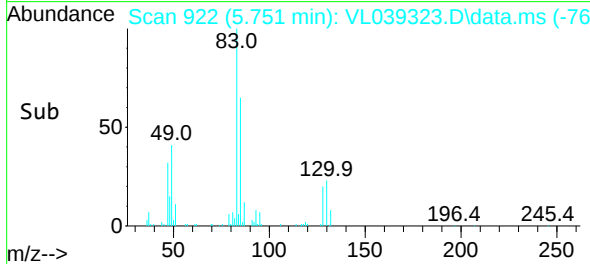
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 83 Resp: 97278
Ion Ratio Lower Upper
83 100
85 64.4 52.4 78.6

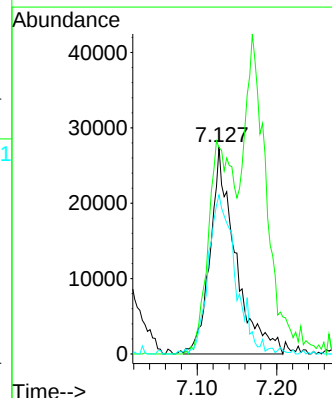
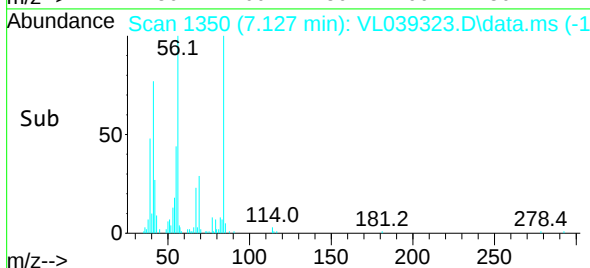
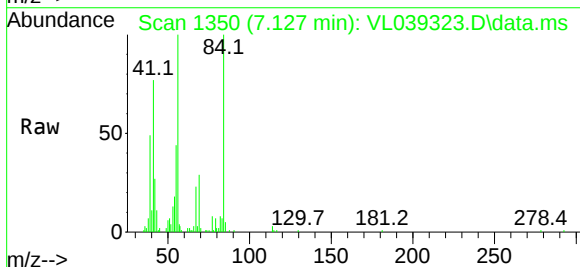
Manual Integrations
APPROVED

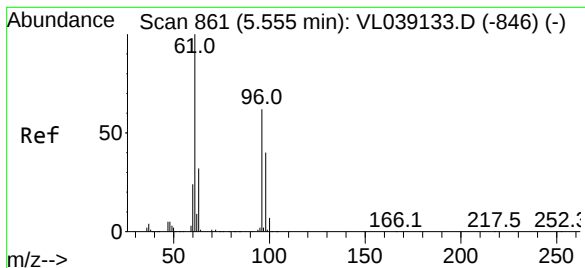
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#30
Cyclohexane
Concen: 0.596 ppbv m
RT: 7.127 min Scan# 1350
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

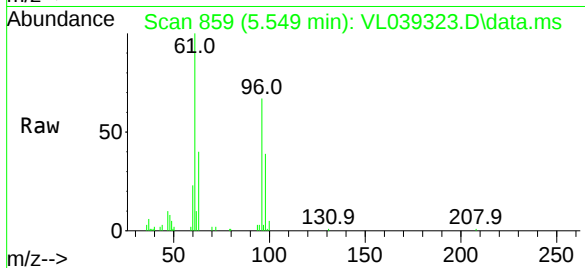
Tgt Ion: 84 Resp: 60279
Ion Ratio Lower Upper
84 100
56 103.4 110.6 165.8#
41 83.8 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.486 ppbv
 RT: 5.549 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

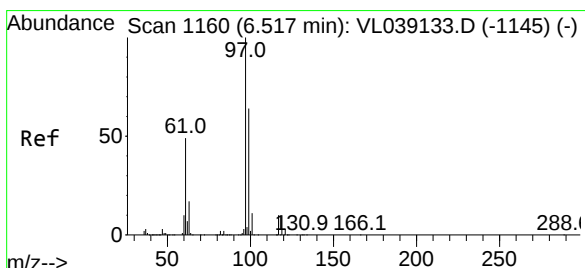
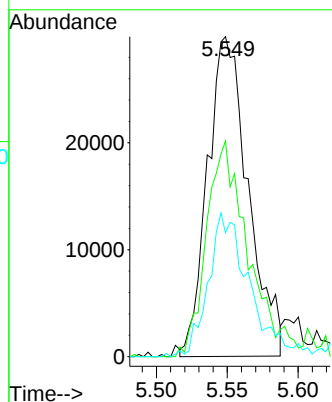
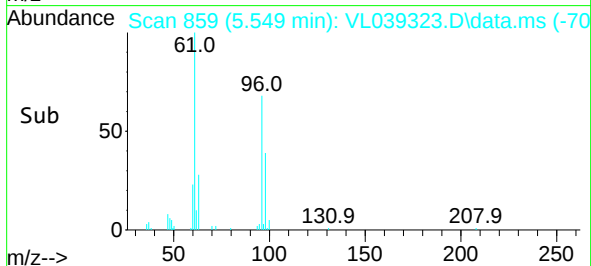
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



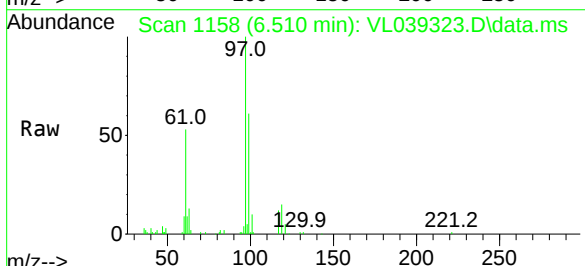
Tgt Ion: 61 Resp: 59708
 Ion Ratio Lower Upper
 61 100
 96 59.6 49.9 74.9
 98 34.2 32.0 48.0

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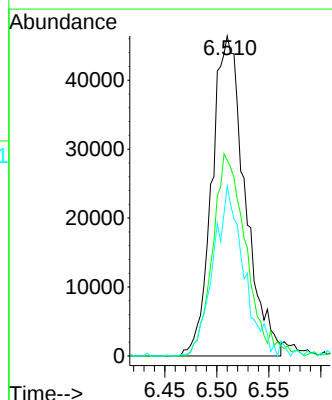
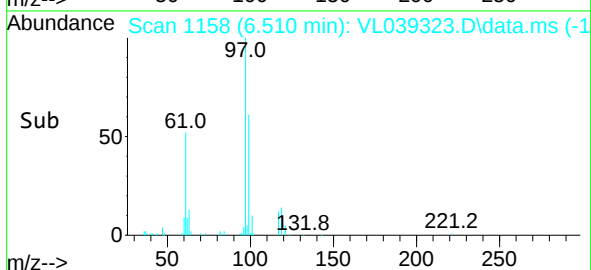
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

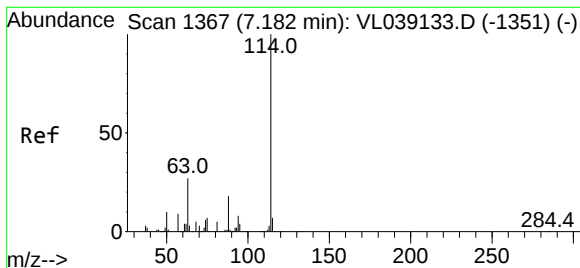


#32
 1,1,1-Trichloroethane
 Concen: 0.517 ppbv m
 RT: 6.510 min Scan# 1158
 Delta R.T. -0.006 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01



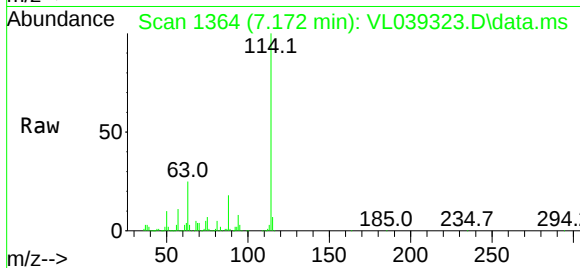
Tgt Ion: 97 Resp: 102547
 Ion Ratio Lower Upper
 97 100
 99 63.8 52.1 78.1
 61 49.6 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

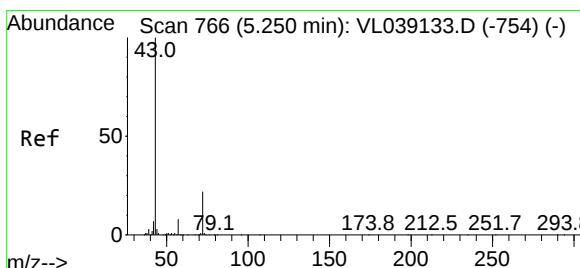
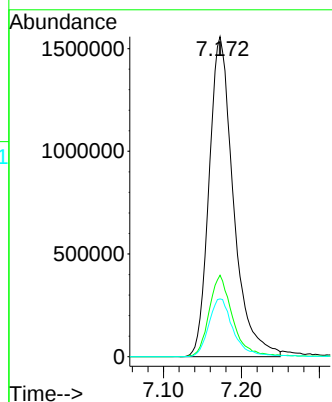
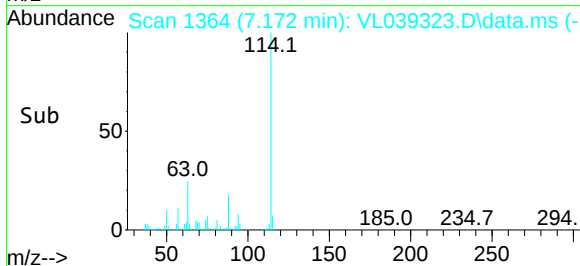
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion:114 Resp: 338546
Ion Ratio Lower Upper
114 100
63 25.0 21.7 32.5
88 18.5 14.8 22.2

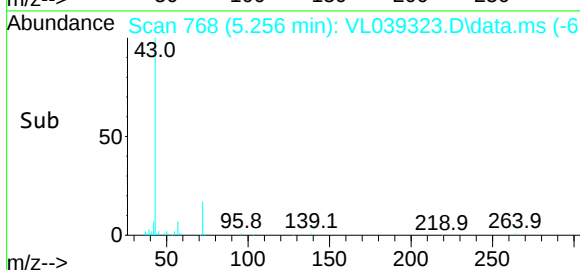
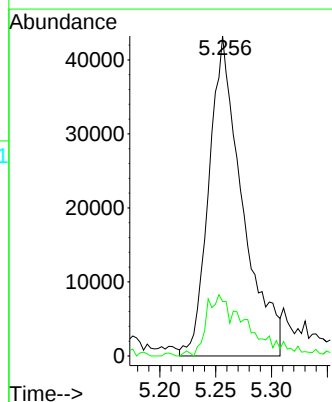
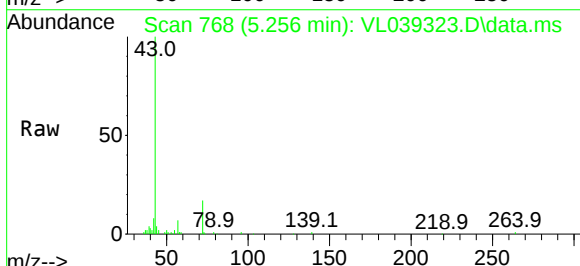
Manual Integrations
APPROVED

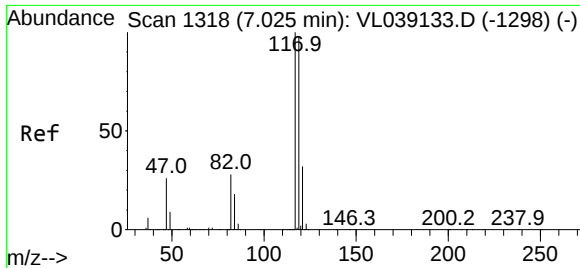
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#34
2-Butanone
Concen: 0.489 ppbv m
RT: 5.256 min Scan# 768
Delta R.T. 0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

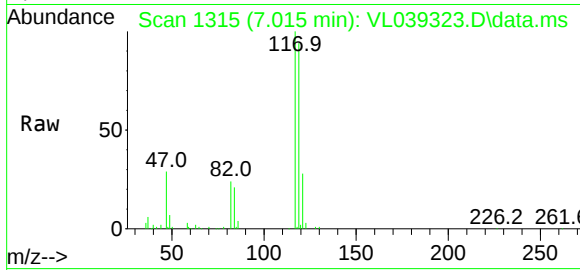
Tgt Ion: 43 Resp: 89950
Ion Ratio Lower Upper
43 100
72 24.9 18.2 27.2





#35
Carbon Tetrachloride
Concen: 0.396 ppbv
RT: 7.015 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

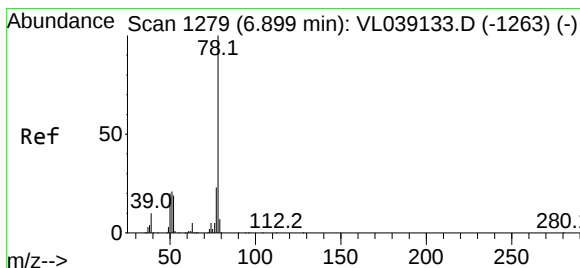
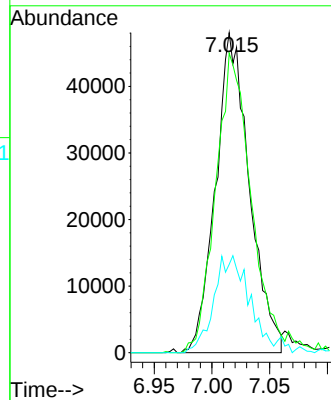
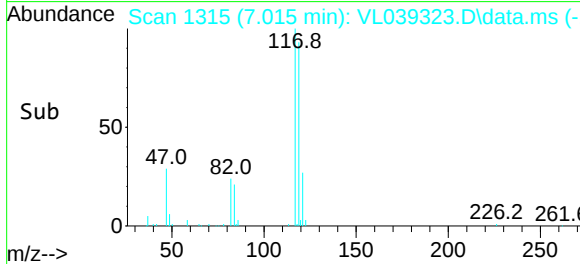
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



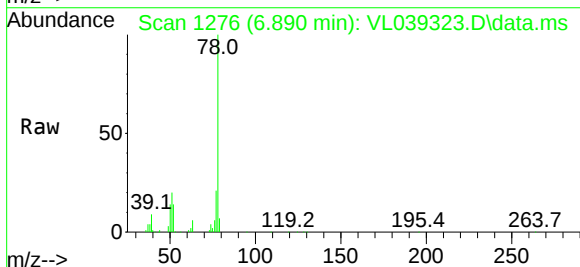
Tgt Ion: 117 Resp: 9792
Ion Ratio Lower Upper
117 100
119 93.5 78.6 118.0
121 27.6 25.4 38.0

Manual Integrations
APPROVED

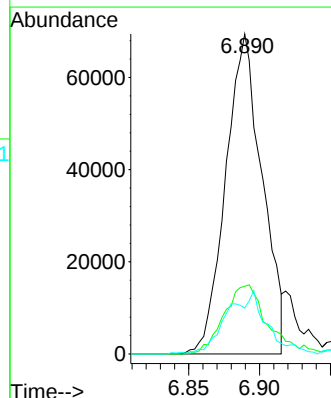
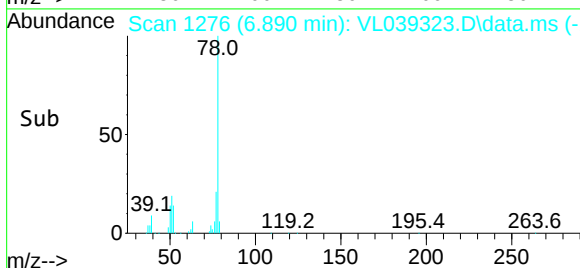
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

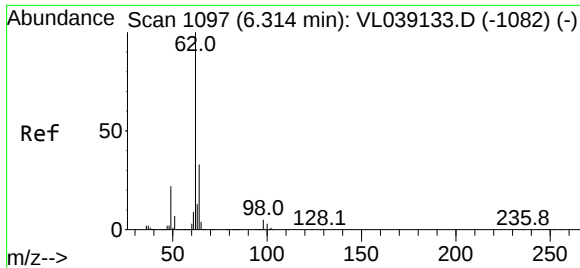


#36
Benzene
Concen: 0.453 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01



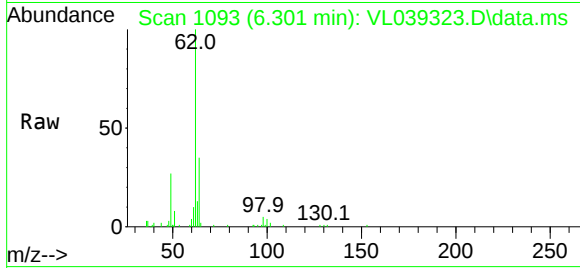
Tgt Ion: 78 Resp: 124570
Ion Ratio Lower Upper
78 100
77 21.2 18.6 27.8
50 13.3 15.8 23.8





#37
1,2-Dichloroethane
Concen: 0.405 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

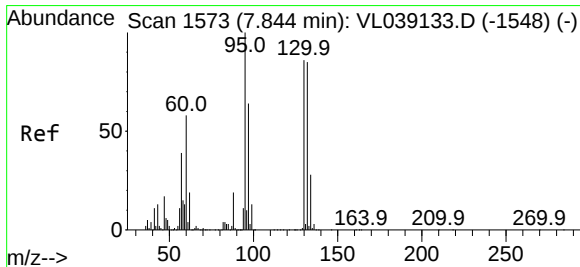
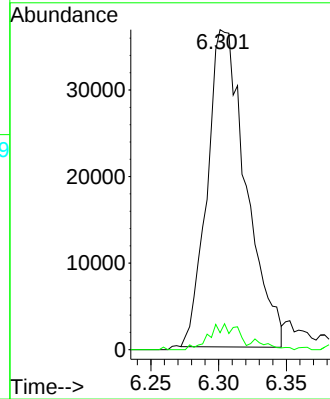
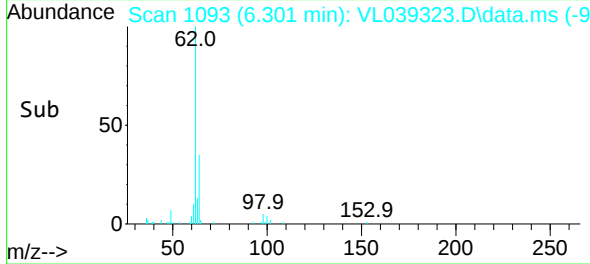
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 62 Resp: 73254
Ion Ratio Lower Upper
62 100
98 7.3 4.3 6.5

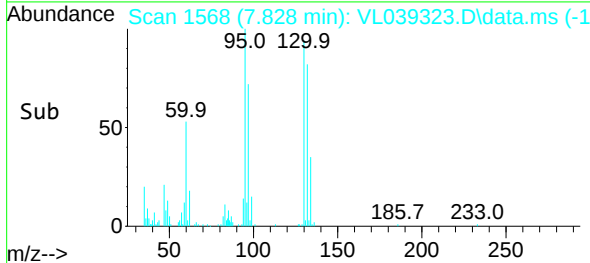
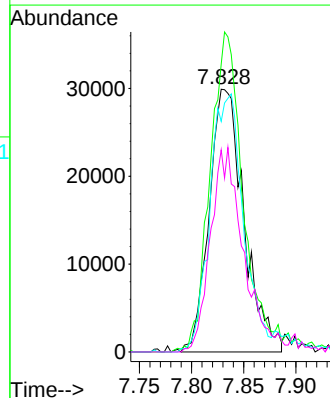
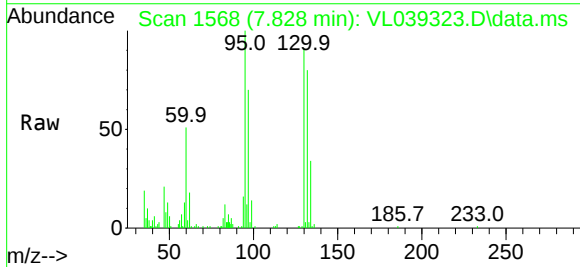
Manual Integrations
APPROVED

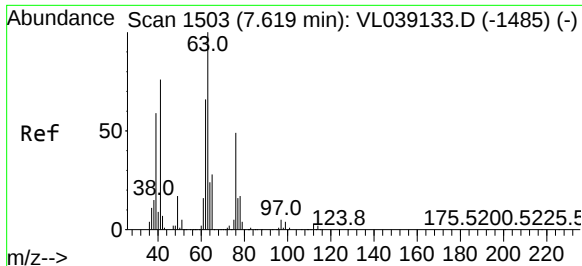
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 0.548 ppbv m
RT: 7.828 min Scan# 1568
Delta R.T. -0.016 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

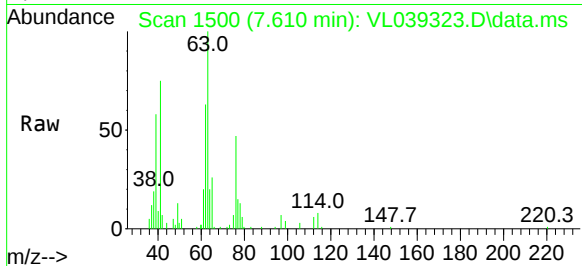
Tgt Ion:130 Resp: 69237
Ion Ratio Lower Upper
130 100
95 109.5 93.3 139.9
132 87.8 79.0 118.4
97 76.9 59.4 89.2





#39
1,2-Dichloropropane
Concen: 0.455 ppbv
RT: 7.610 min Scan# 1503
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

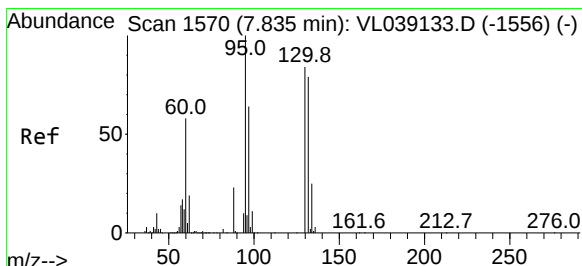
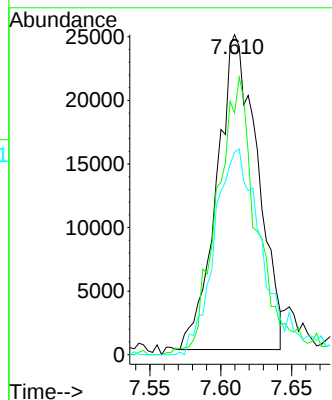
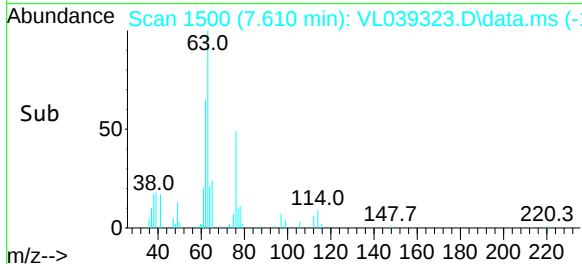
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 63 Resp: 49714
Ion Ratio Lower Upper
63 100
41 74.7 60.8 91.2
62 61.9 52.9 79.3

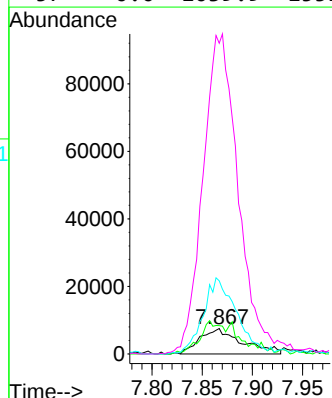
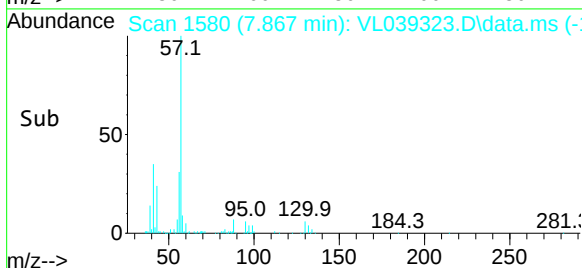
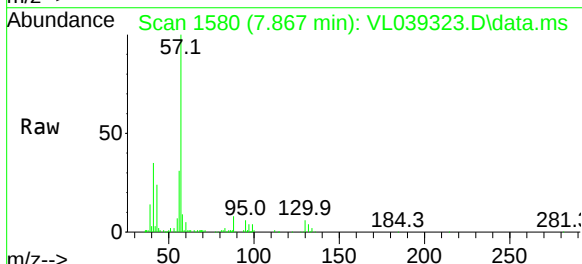
Manual Integrations
APPROVED

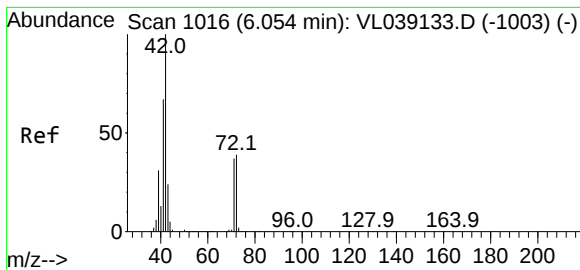
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#40
1,4-Dioxane
Concen: 0.610 ppbv m
RT: 7.867 min Scan# 1580
Delta R.T. 0.032 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

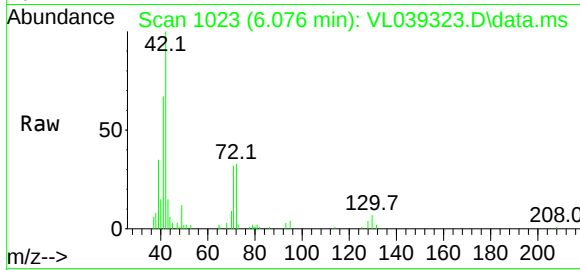
Tgt Ion: 88 Resp: 21942
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.442 ppbv m
RT: 6.076 min Scan# 1016
Delta R.T. 0.022 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

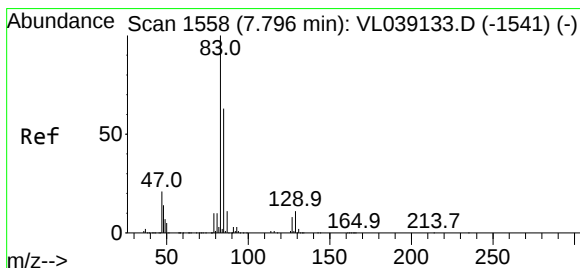
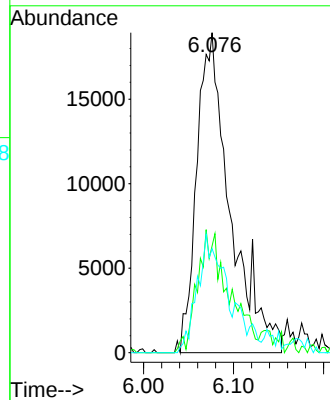
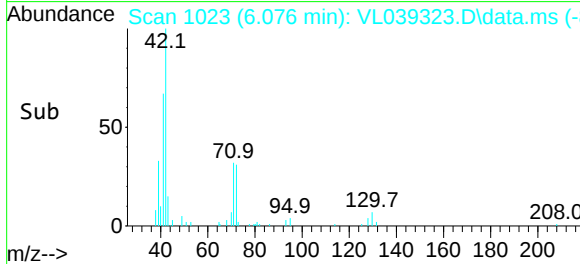
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 42 Resp: 4888
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 37.4 31.1 46.7

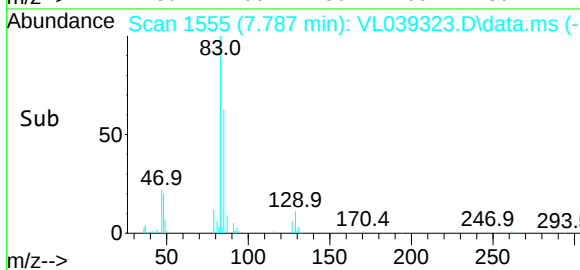
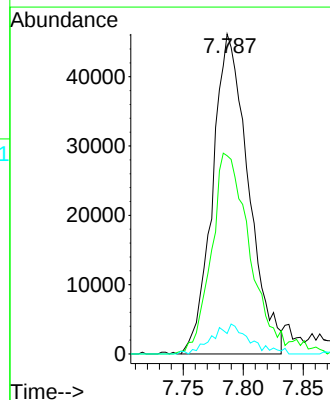
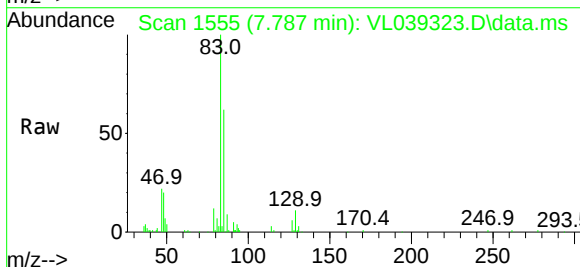
Manual Integrations
APPROVED

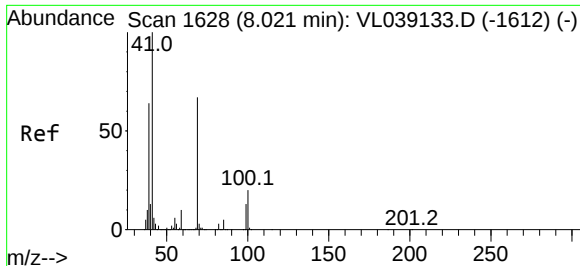
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#42
Bromodichloromethane
Concen: 0.383 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

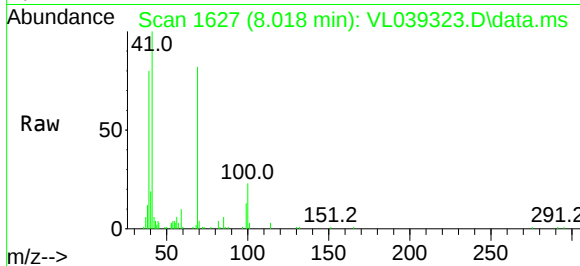
Tgt Ion: 83 Resp: 96058
Ion Ratio Lower Upper
83 100
85 61.1 50.2 75.4
127 5.6 6.6 9.8#





#43
Methyl Methacrylate
Concen: 0.448 ppbv m
RT: 8.018 min Scan# 1
Delta R.T. -0.003 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

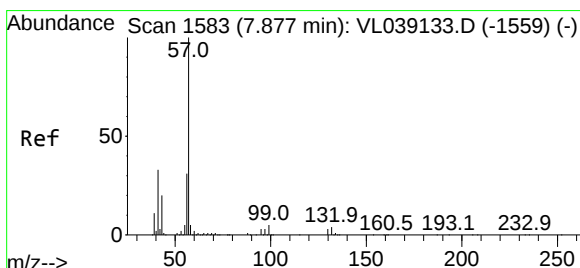
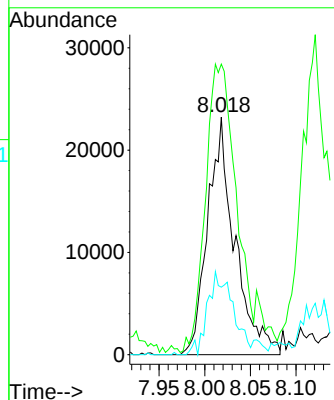
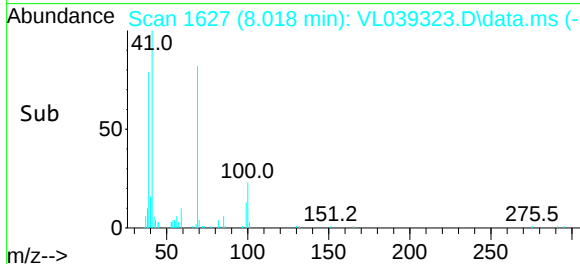
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 69 Resp: 4797
Ion Ratio Lower Upper
69 100
41 148.5 121.9 182.9
100 35.1 24.1 36.1

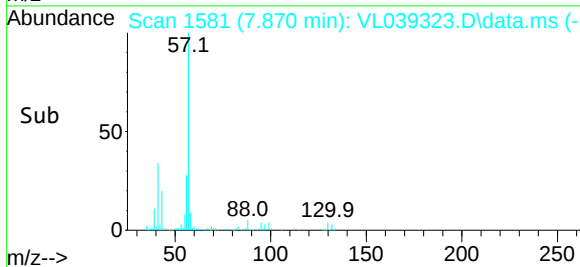
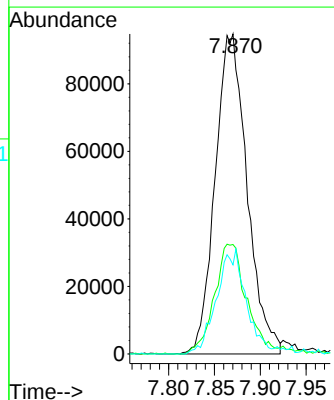
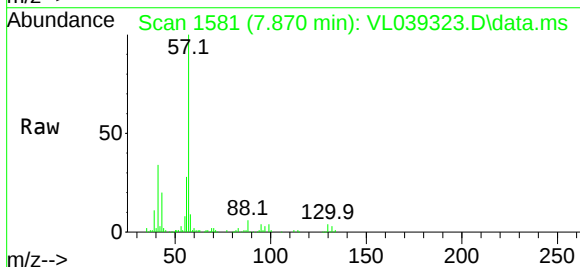
Manual Integrations
APPROVED

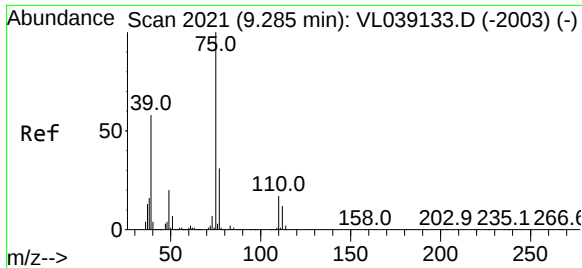
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#44
2,2,4-Trimethylpentane
Concen: 0.477 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion: 57 Resp: 229258
Ion Ratio Lower Upper
57 100
41 35.8 26.2 39.4
56 31.3 24.7 37.1





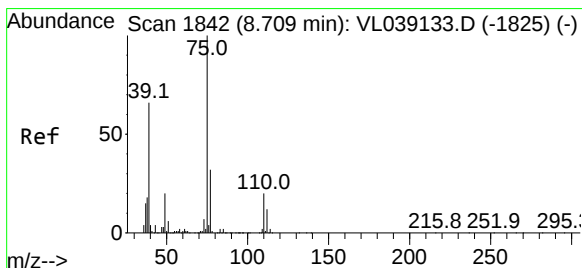
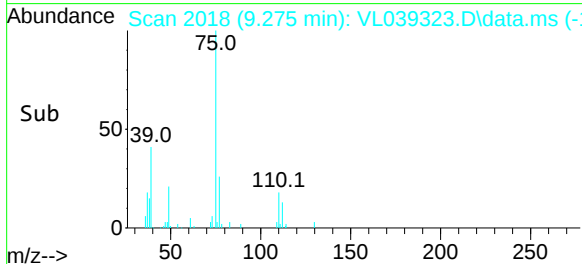
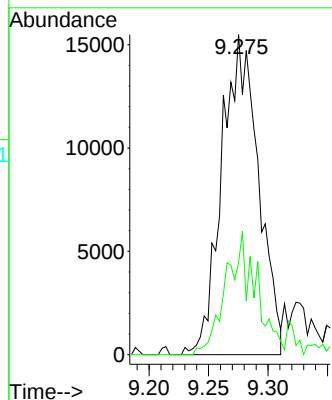
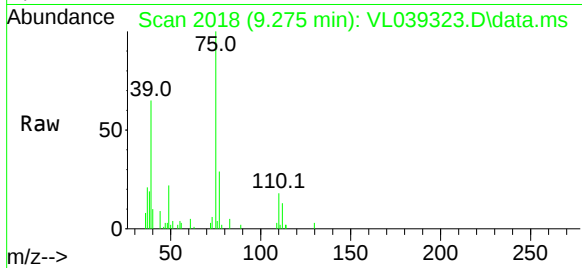
#45
t-1,3-Dichloropropene
Concen: 0.297 ppbv m
RT: 9.275 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

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

Tgt Ion: 75 Resp: 3314
Ion Ratio Lower Upper
75 100
77 28.7 24.4 36.6

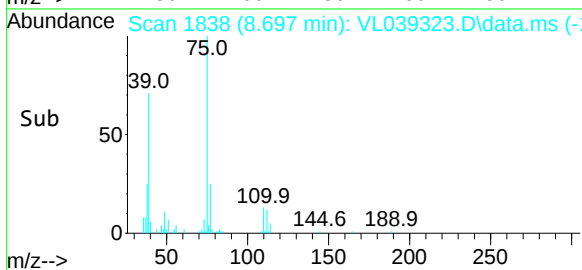
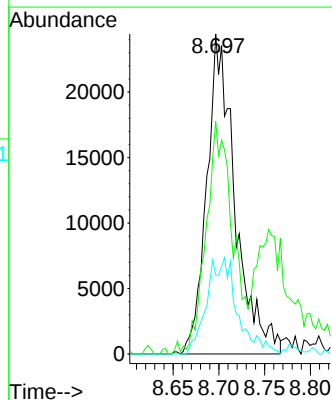
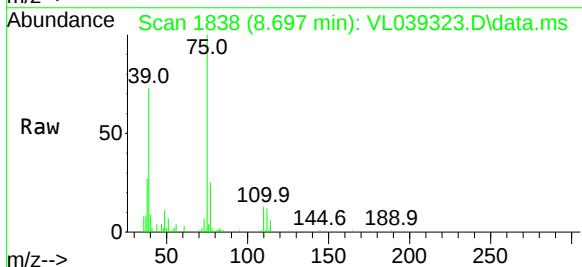
Manual Integrations
APPROVED

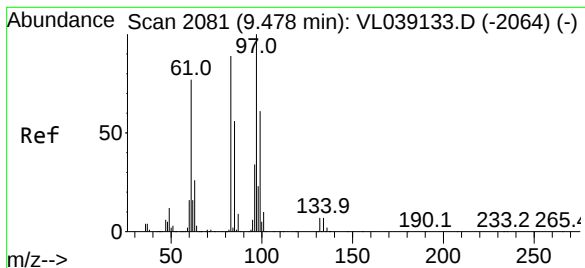
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#46
cis-1,3-Dichloropropene
Concen: 0.357 ppbv m
RT: 8.697 min Scan# 1838
Delta R.T. -0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

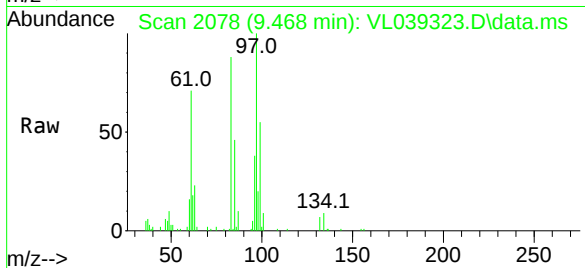
Tgt Ion: 75 Resp: 52557
Ion Ratio Lower Upper
75 100
39 72.7 52.4 78.6
77 24.7 25.5 38.3#





#47
1,1,2-Trichloroethane
Concen: 0.465 ppbv
RT: 9.468 min Scan# 2081
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

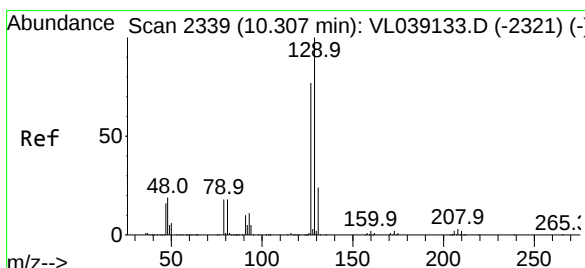
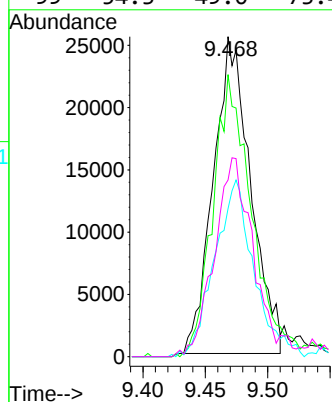
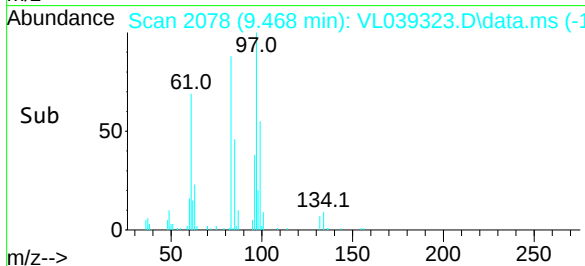
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



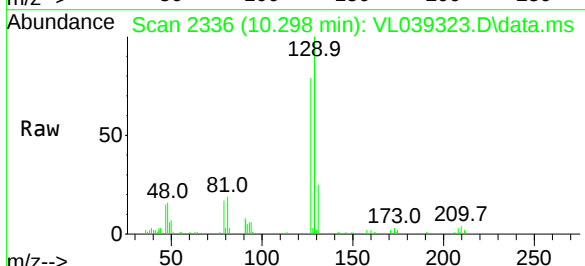
Tgt Ion: 97 Resp: 53036
Ion Ratio Lower Upper
97 100
83 90.1 71.6 107.4
85 45.3 44.8 67.2
99 54.3 49.0 73.4

Manual Integrations
APPROVED

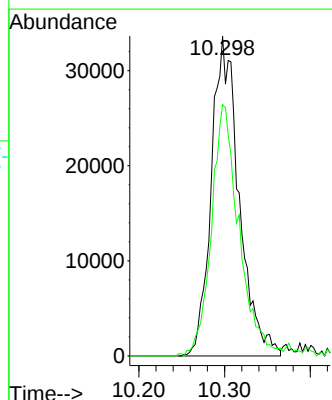
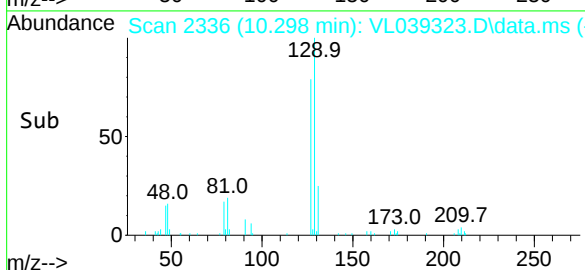
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

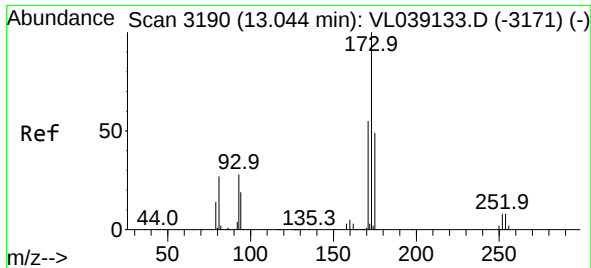


#48
Dibromochloromethane
Concen: 0.370 ppbv m
RT: 10.298 min Scan# 2336
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01



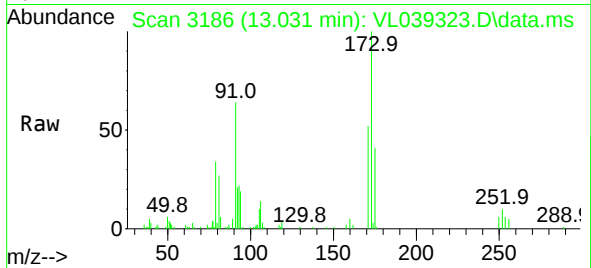
Tgt Ion:129 Resp: 75421
Ion Ratio Lower Upper
129 100
127 79.5 40.0 119.9





#49
Bromoform
Concen: 0.328 ppbv m
RT: 13.031 min Scan# 3190
Delta R.T. -0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

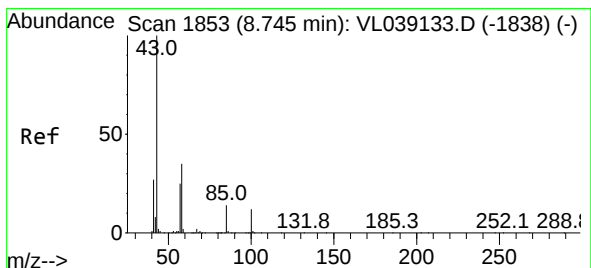
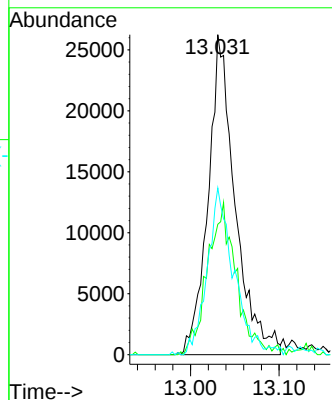
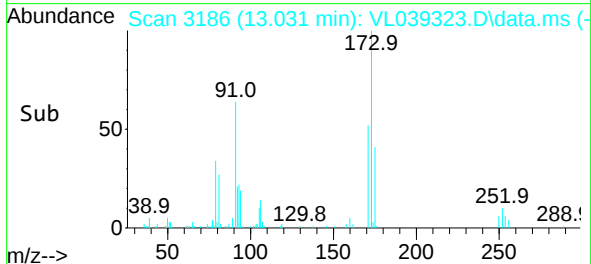
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



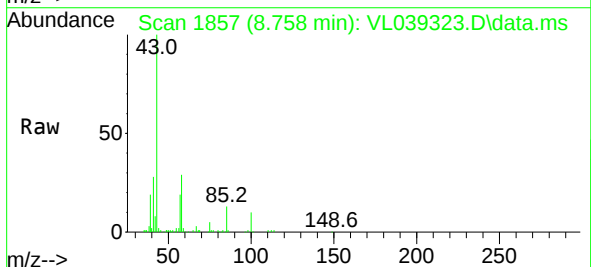
Tgt Ion:173 Resp: 55728
Ion Ratio Lower Upper
173 100
175 52.6 40.2 60.2
171 51.5 43.9 65.9

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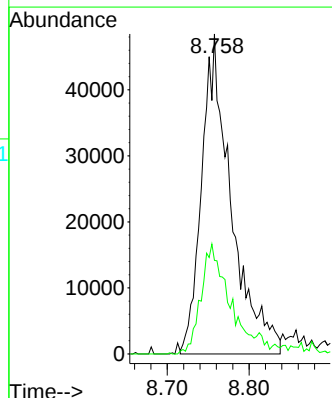
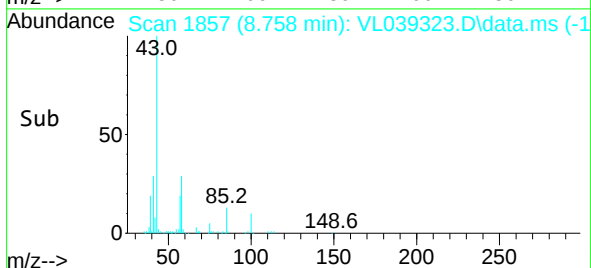
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

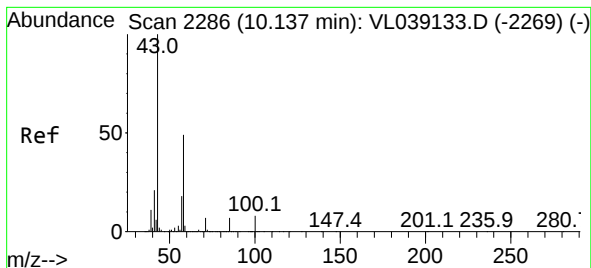


#50
4-Methyl-2-Pentanone
Concen: 0.441 ppbv m
RT: 8.758 min Scan# 1857
Delta R.T. 0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01



Tgt Ion: 43 Resp: 121481
Ion Ratio Lower Upper
43 100
58 0.0 28.7 43.1#





#51

2-Hexanone

Concen: 0.388 ppbv m

RT: 10.153 min Scan# 2286

Delta R.T. 0.016 min

Lab File: VL039323.D

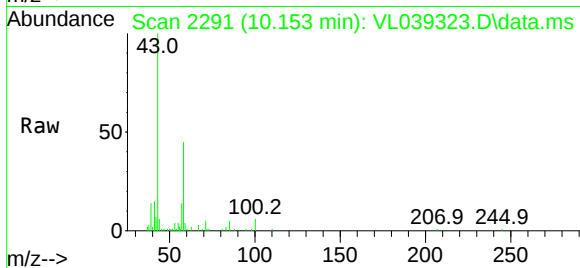
Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

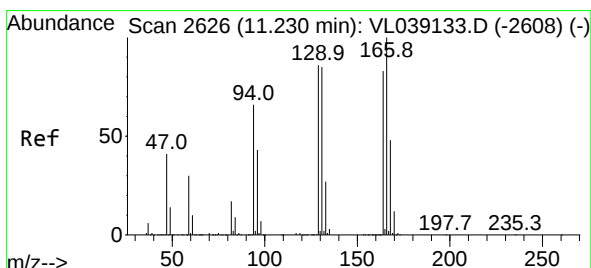
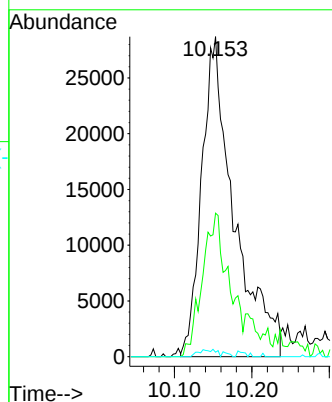


Tgt Ion: 43	Resp: 8314
Ion Ratio	Lower Upper
43	100
58	48.0 40.0 60.0
98	1.5 0.1 0.1

Manual Integrations

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



#52

Tetrachloroethene

Concen: 0.499 ppbv m

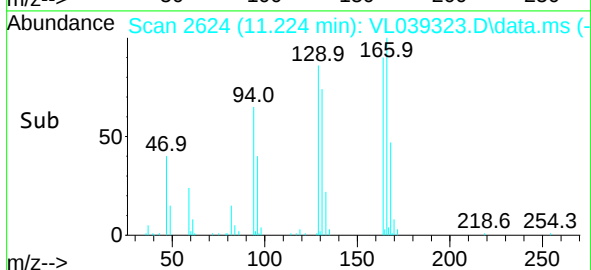
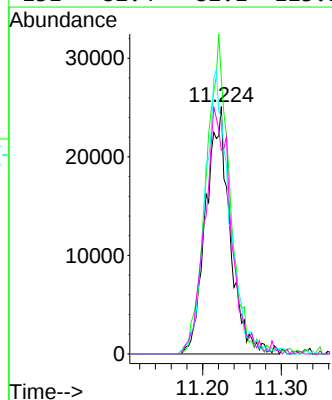
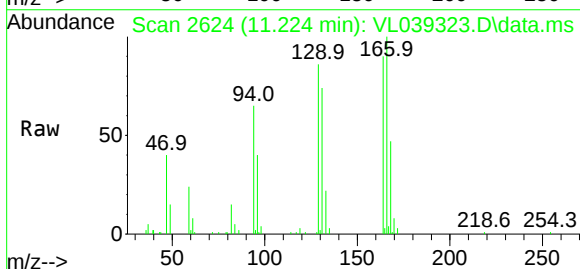
RT: 11.224 min Scan# 2624

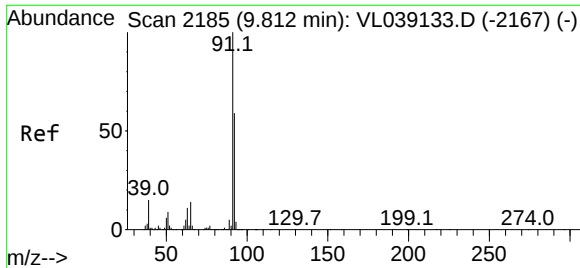
Delta R.T. -0.006 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

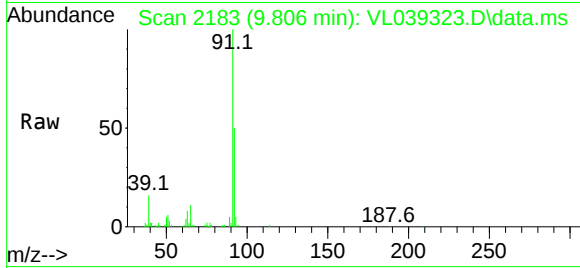
Tgt Ion:164	Resp: 53512
Ion Ratio	Lower Upper
164	100
166	111.6 96.3 144.5
129	96.1 82.5 123.7
131	82.4 82.1 123.1





#53
Toluene
Concen: 0.468 ppbv m
RT: 9.806 min Scan# 2185
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

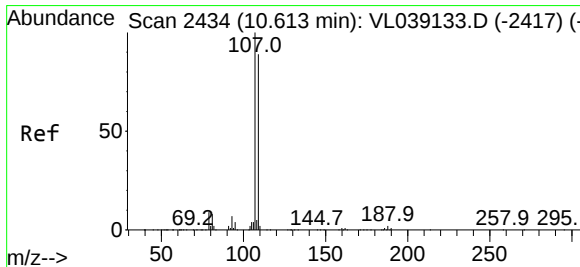
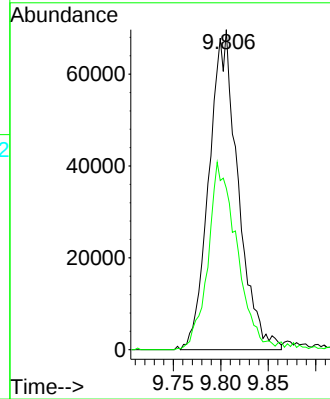
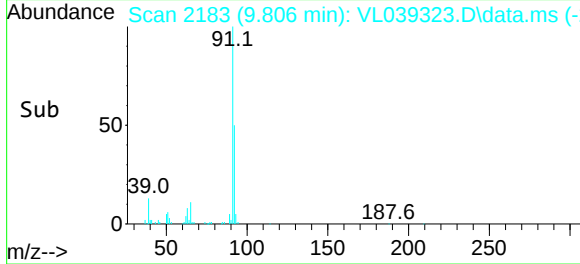
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 91 Resp: 148189
Ion Ratio Lower Upper
91 100
92 59.6 48.1 72.1

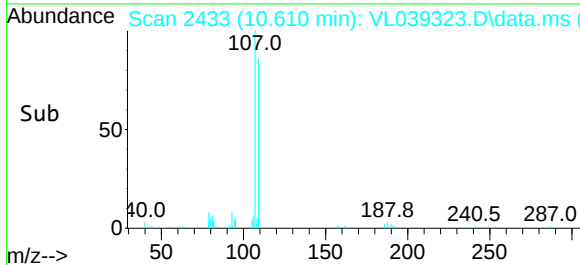
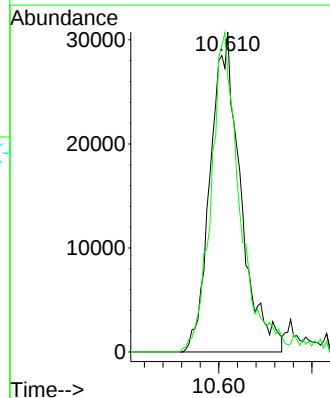
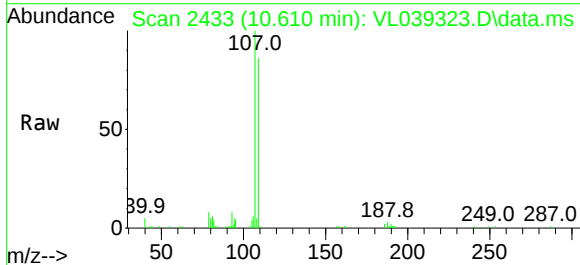
Manual Integrations
APPROVED

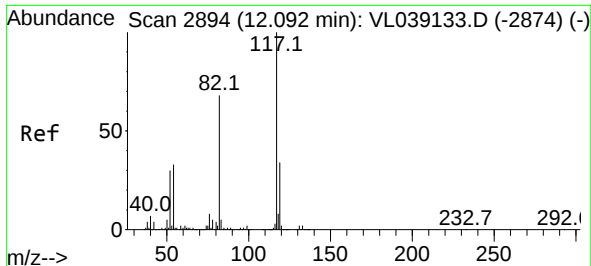
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#54
1,2-Dibromoethane
Concen: 0.452 ppbv m
RT: 10.610 min Scan# 2433
Delta R.T. -0.003 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

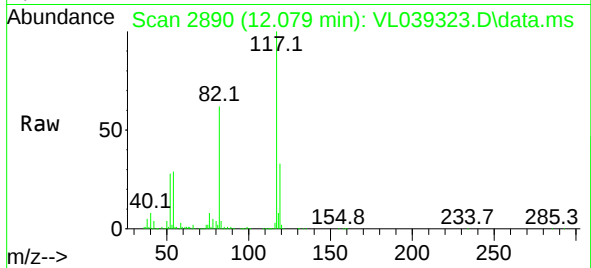
Tgt Ion:107 Resp: 69235
Ion Ratio Lower Upper
107 100
109 86.1 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

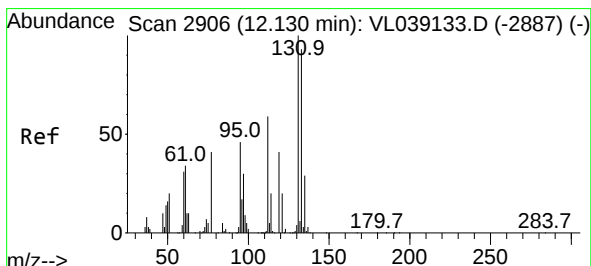
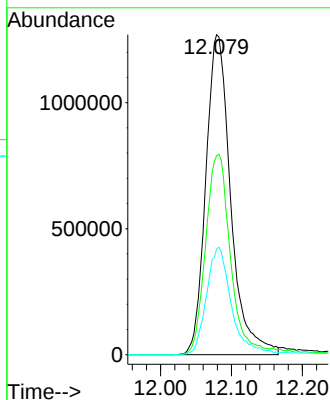
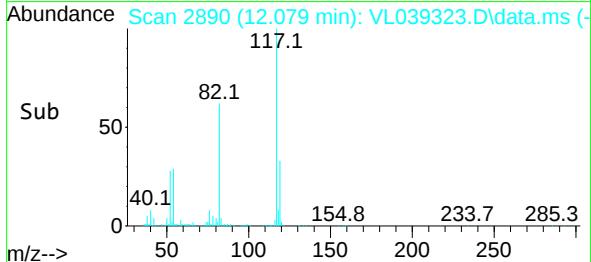
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



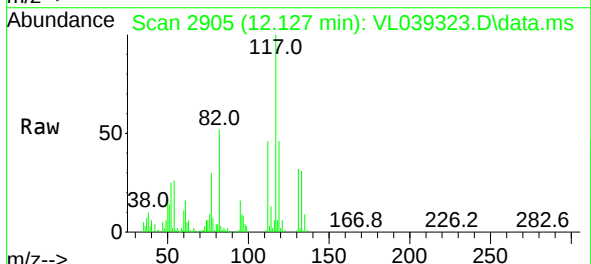
Tgt Ion:117 Resp: 3096370
Ion Ratio Lower Upper
117 100
82 65.1 55.1 82.7
119 34.7 24.7 37.1

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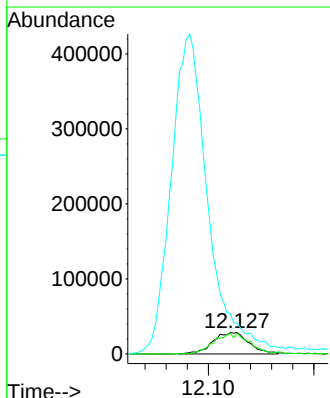
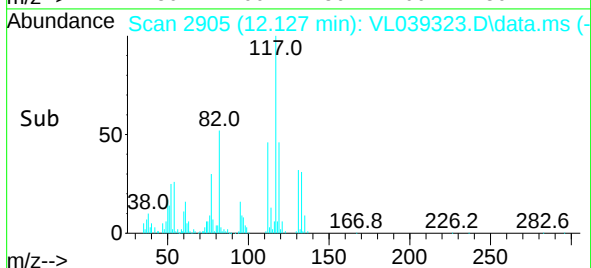
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

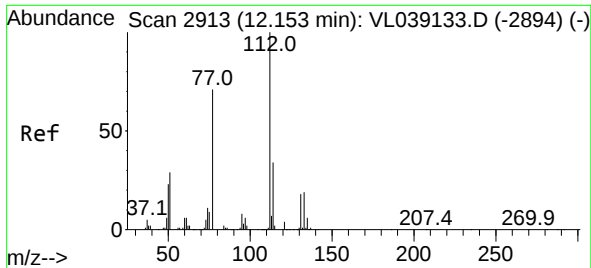


#56
1,1,1,2-Tetrachloroethane
Concen: 0.461 ppbv m
RT: 12.127 min Scan# 2905
Delta R.T. -0.003 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01



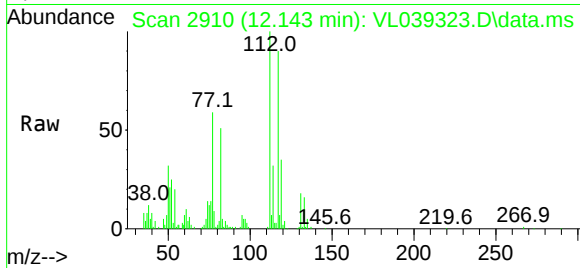
Tgt Ion:131 Resp: 67608
Ion Ratio Lower Upper
131 100
133 98.4 78.6 117.8
119 0.0 51.7 77.5#





#57
Chlorobenzene
Concen: 0.569 ppbv m
RT: 12.143 min Scan# 2910
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

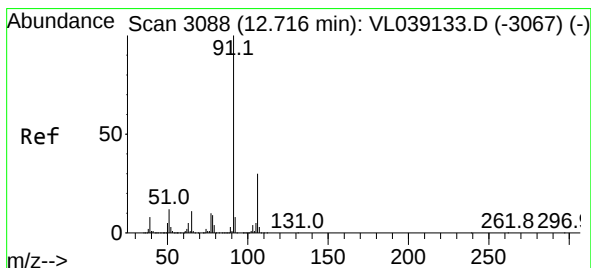
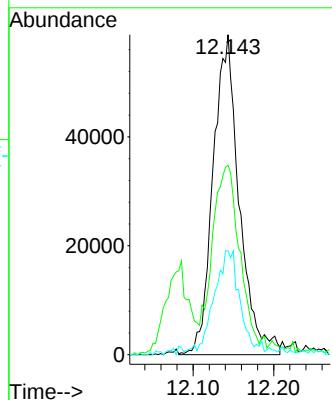
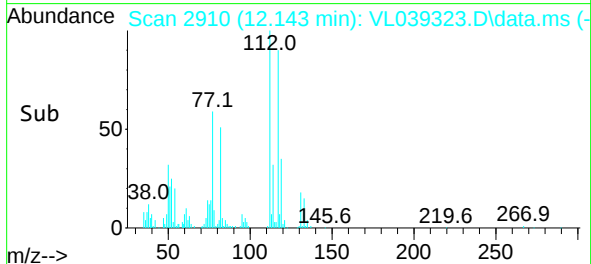
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



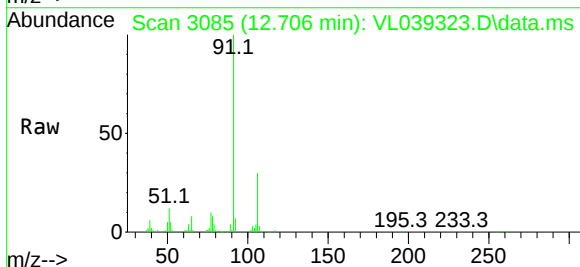
Tgt Ion:112 Resp: 13245
Ion Ratio Lower Upper
112 100
77 59.3 56.5 84.7
114 32.4 30.3 37.1

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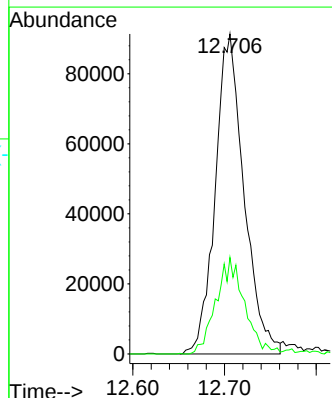
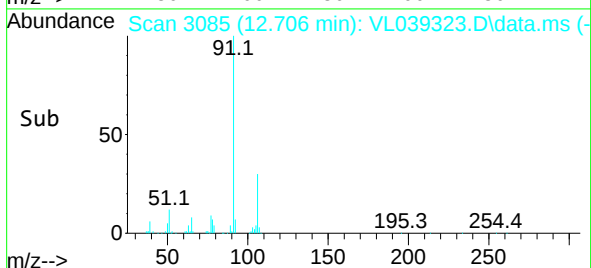
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

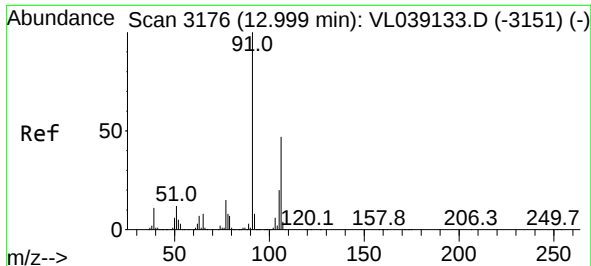


#58
Ethyl Benzene
Concen: 0.466 ppbv
RT: 12.706 min Scan# 3085
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01



Tgt Ion: 91 Resp: 198917
Ion Ratio Lower Upper
91 100
106 29.9 24.2 36.4





#59

m/p-Xylene

Concen: 0.952 ppbv m

RT: 12.983 min Scan# 3176

Delta R.T. -0.016 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion: 91 Resp: 35746

Ion Ratio Lower Upper

91 100

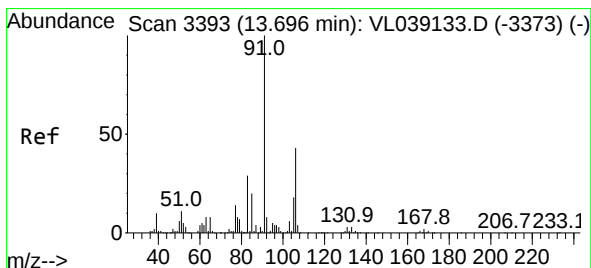
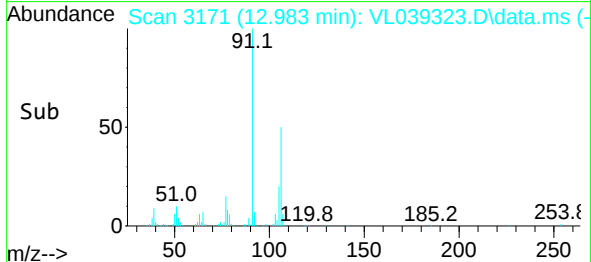
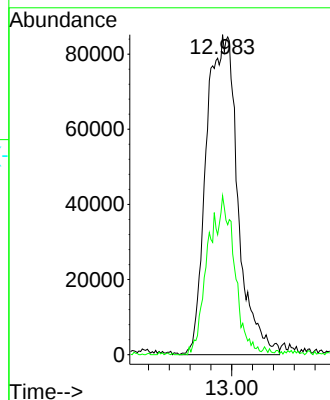
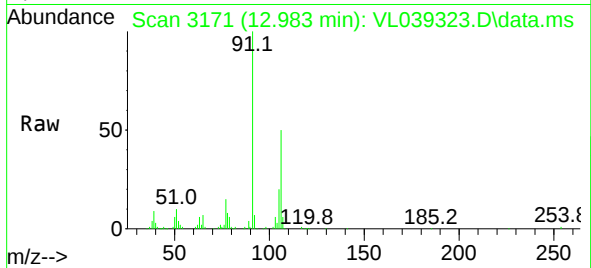
106 41.5 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#60

o-Xylene

Concen: 0.486 ppbv

RT: 13.683 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039323.D

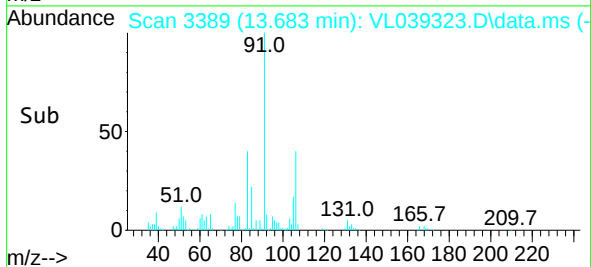
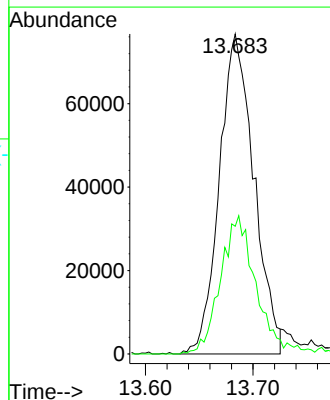
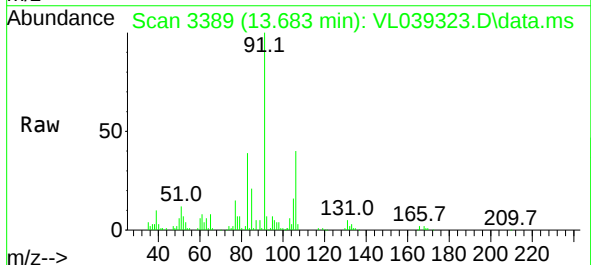
Acq: 22 Jun 2022 17:01

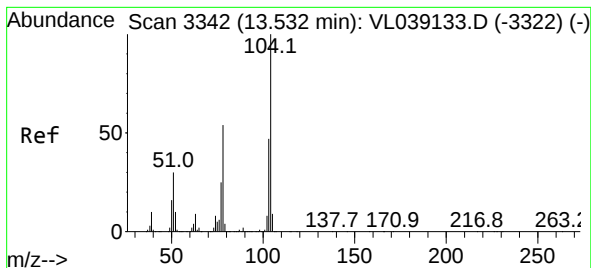
Tgt Ion: 91 Resp: 171393

Ion Ratio Lower Upper

91 100

106 45.4 22.3 66.9





#61

Styrene

Concen: 0.417 ppbv m

RT: 13.523 min Scan# 31

Delta R.T. -0.010 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

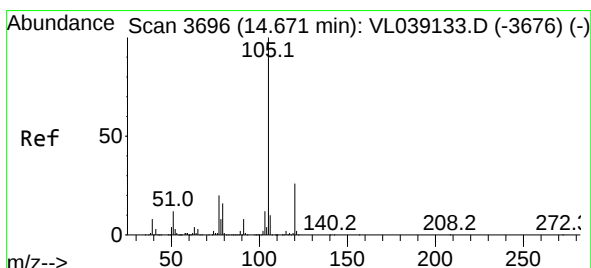
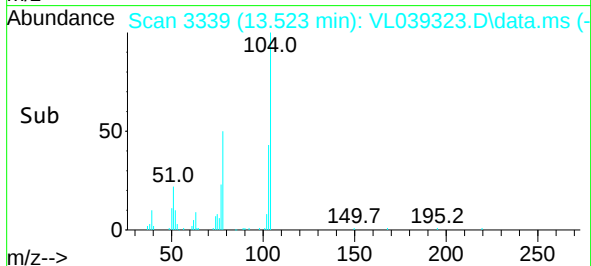
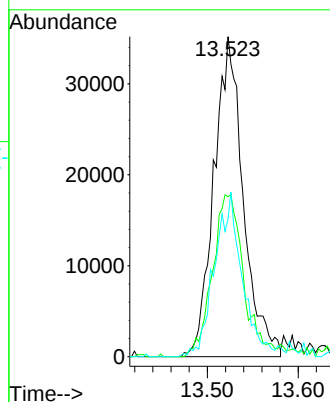
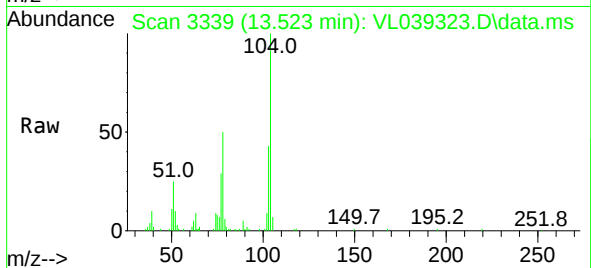
LOQ-AIR-02-QT2-2022

Tgt Ion:104	Resp:	7880
Ion Ratio	Lower	Upper
104	100	
78	55.3	45.7 68.5
103	48.7	39.6 59.4

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 0.521 ppbv

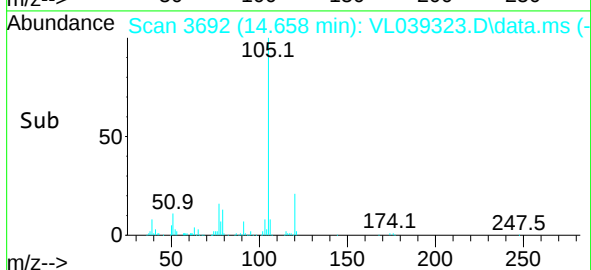
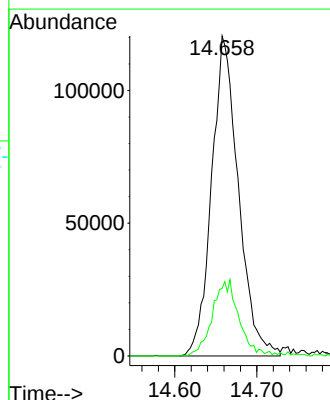
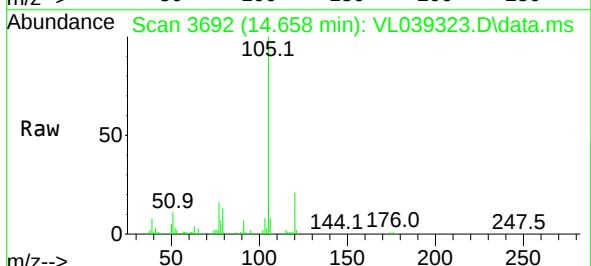
RT: 14.658 min Scan# 3692

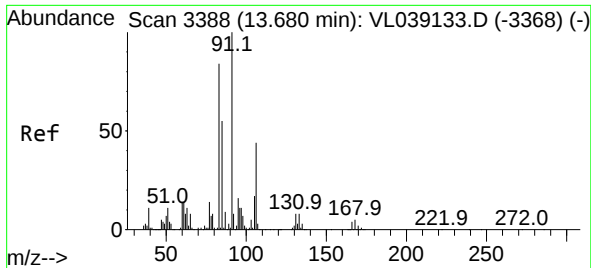
Delta R.T. -0.013 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Tgt Ion:105	Resp:	273466
Ion Ratio	Lower	Upper
105	100	
120	24.2	20.3 30.5





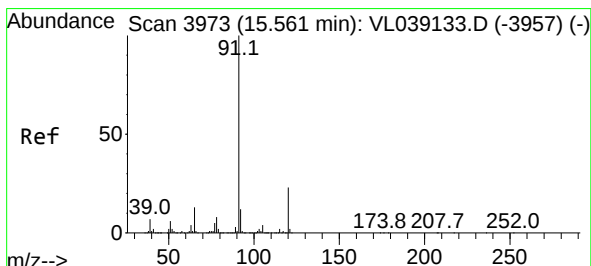
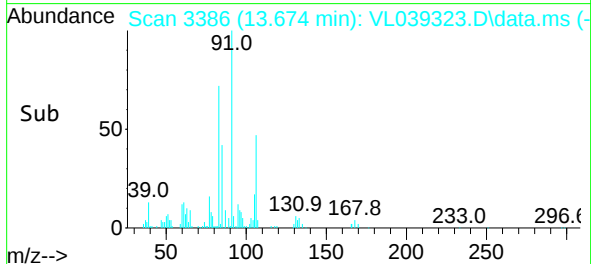
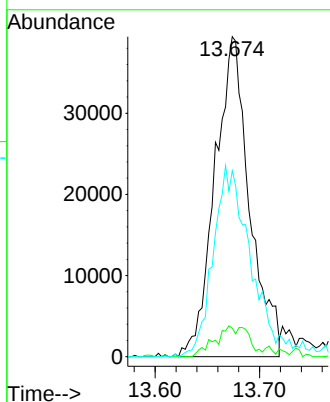
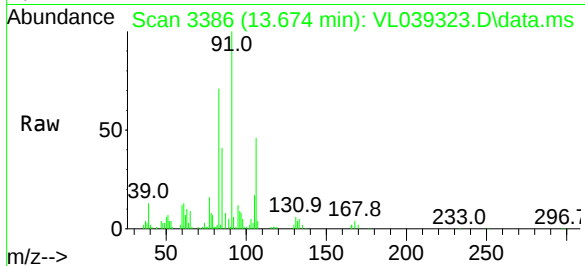
#63
1,1,2,2-Tetrachloroethane
Concen: 0.459 ppbv
RT: 13.674 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

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

Tgt Ion: 83 Resp: 90912
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 65.8 33.0 99.0

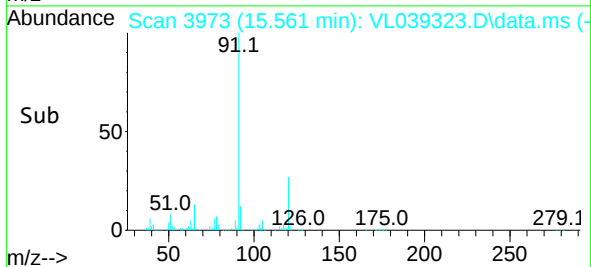
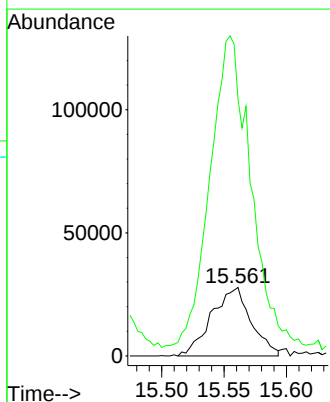
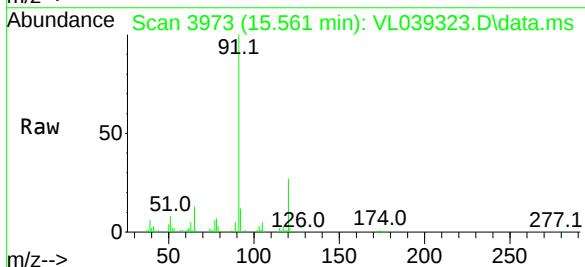
Manual Integrations
APPROVED

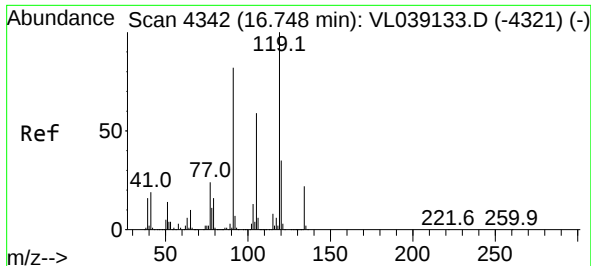
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
n-propylbenzene
Concen: 0.476 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

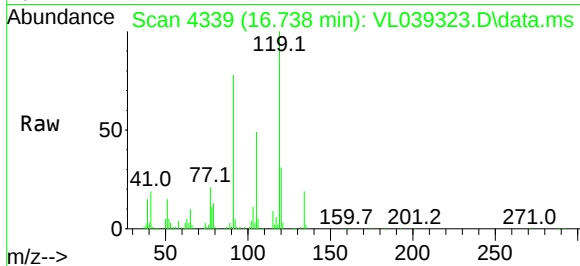
Tgt Ion:120 Resp: 61420
Ion Ratio Lower Upper
120 100
91 523.6 388.4 582.6





#65
tert-Butylbenzene
Concen: 0.503 ppbv
RT: 16.738 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

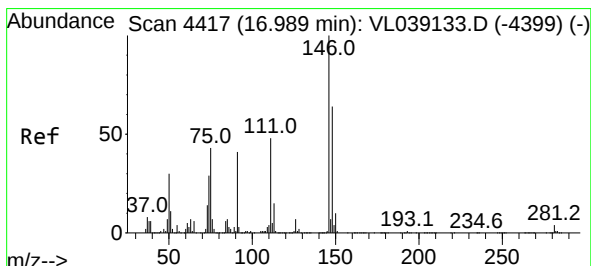
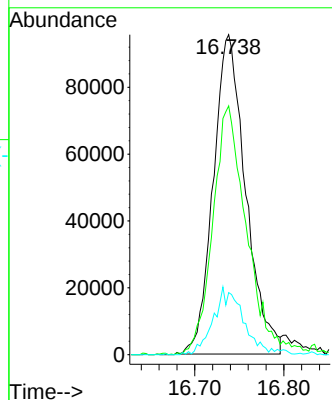
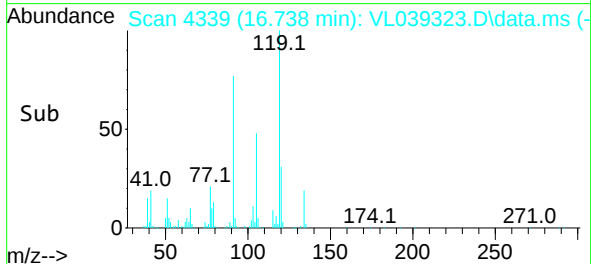
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



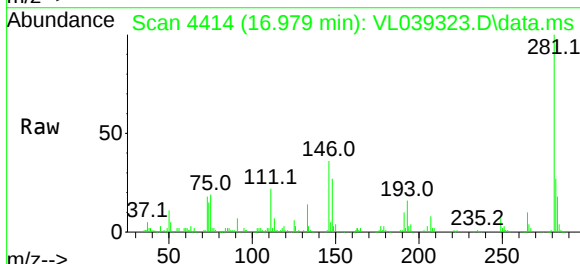
Tgt Ion: 119 Resp: 241204
Ion Ratio Lower Upper
119 100
91 83.0 67.1 100.7
134 20.1 15.8 23.8

Manual Integrations
APPROVED

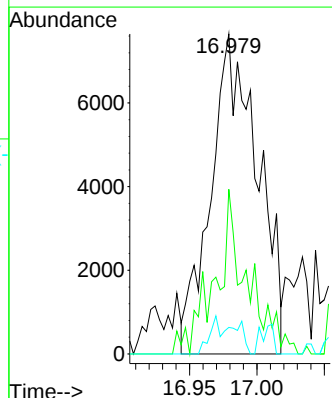
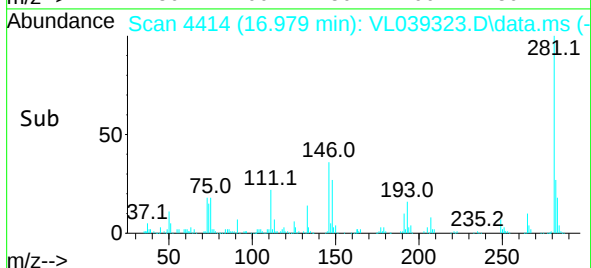
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

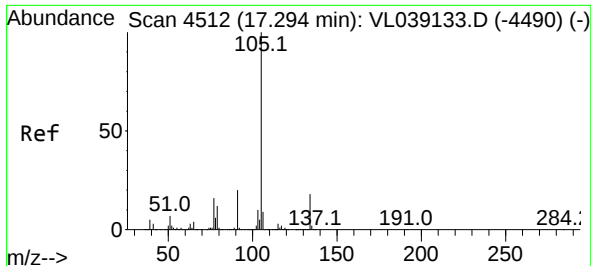


#66
Benzyl Chloride
Concen: 0.297 ppbv m
RT: 16.979 min Scan# 4414
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01



Tgt Ion: 91 Resp: 18524
Ion Ratio Lower Upper
91 100
126 35.3 13.4 20.0#
128 6.1 4.1 6.1





#67

sec-Butylbenzene

Concen: 0.486 ppbv

RT: 17.281 min Scan# 4512

Delta R.T. -0.013 min

Lab File: VL039323.D

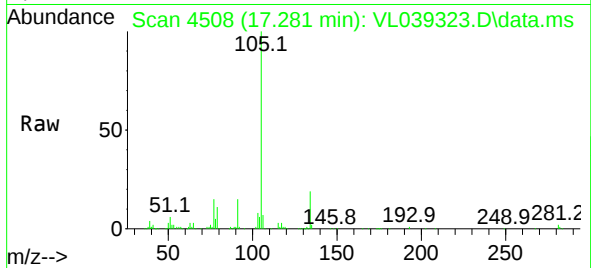
Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion:105 Resp: 318200

Ion Ratio Lower Upper

105 100

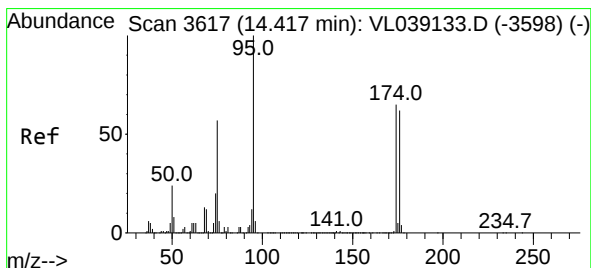
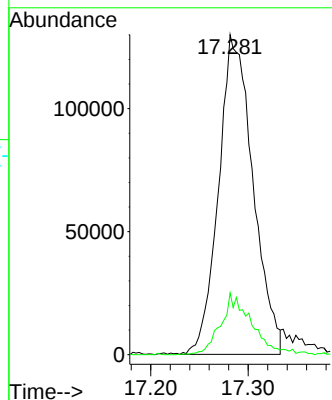
134 17.8 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.261 ppbv

RT: 14.410 min Scan# 3615

Delta R.T. -0.006 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

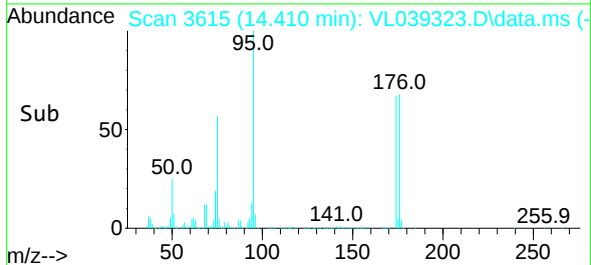
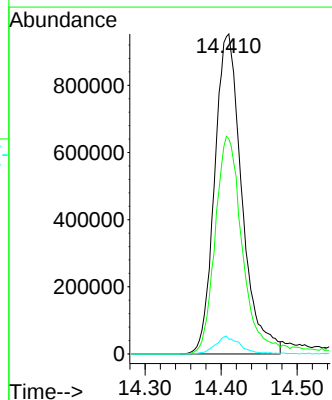
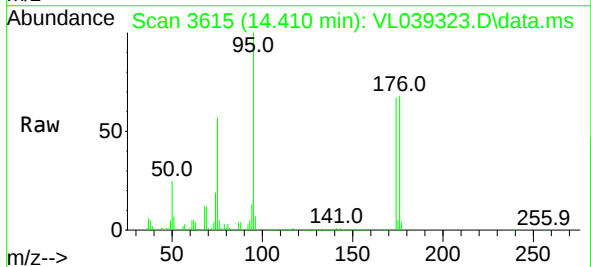
Tgt Ion: 95 Resp: 2370826

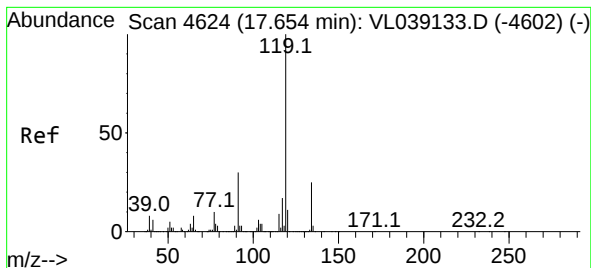
Ion Ratio Lower Upper

95 100

174 71.3 53.8 80.8

175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.463 ppbv

RT: 17.648 min Scan# 4622

Delta R.T. -0.006 min

Lab File: VL039323.D

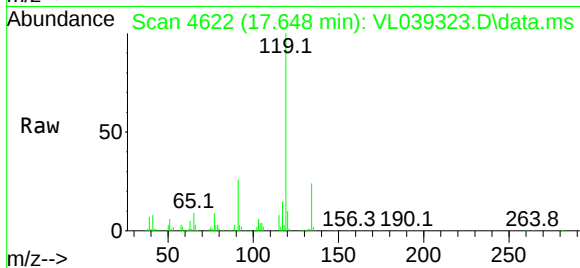
Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



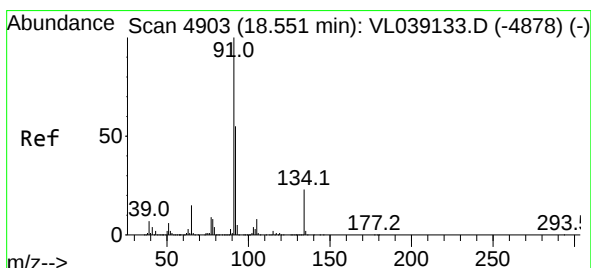
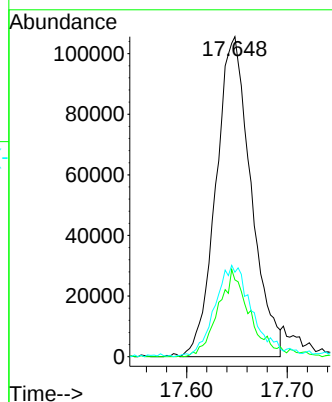
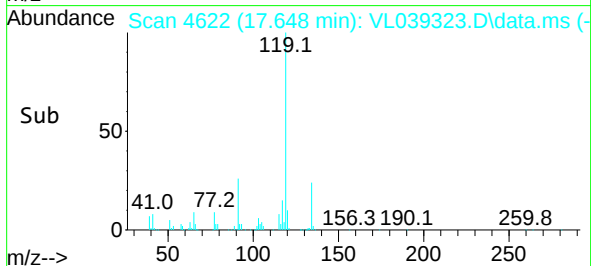
Tgt Ion: 119 Resp: 25546

Ion	Ratio	Lower	Upper
119	100		
134	25.9	20.4	30.6
91	31.0	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: 0.443 ppbv m

RT: 18.539 min Scan# 4899

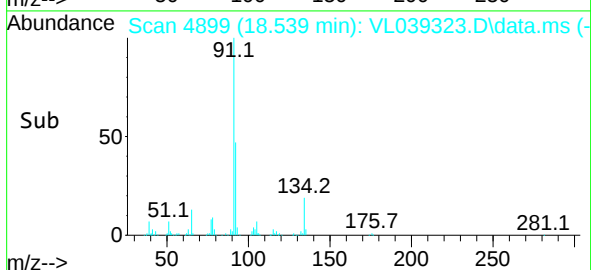
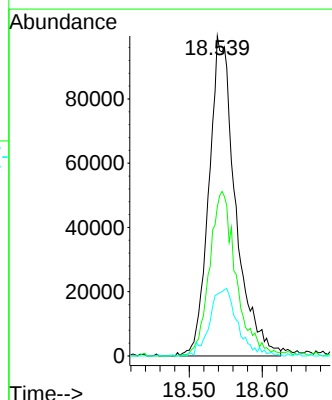
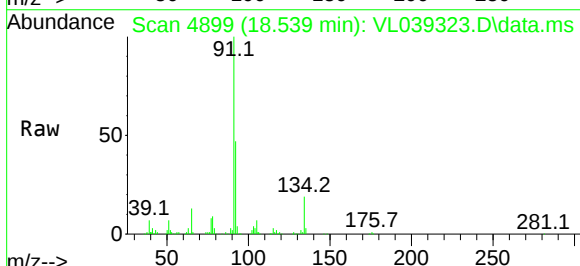
Delta R.T. -0.013 min

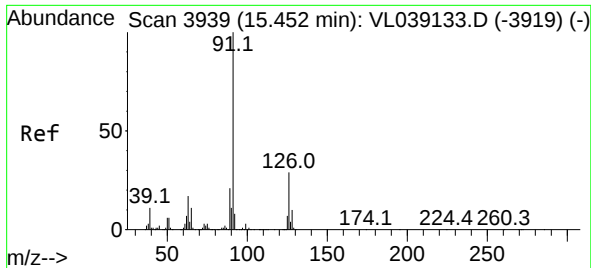
Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Tgt Ion: 91 Resp: 250946

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





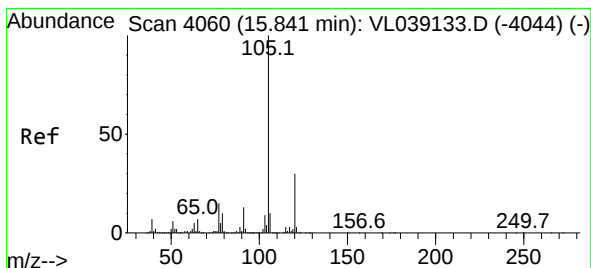
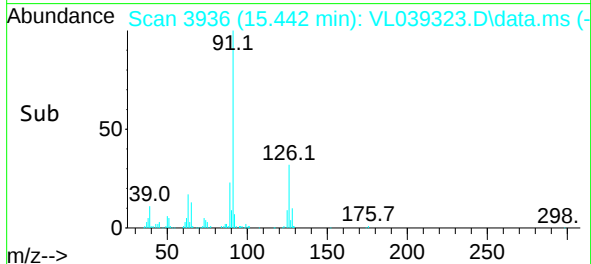
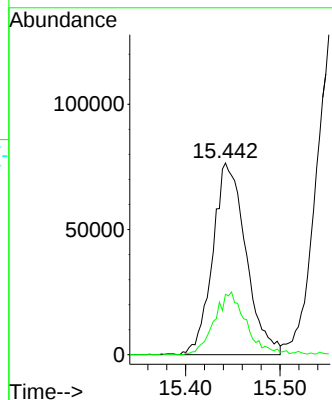
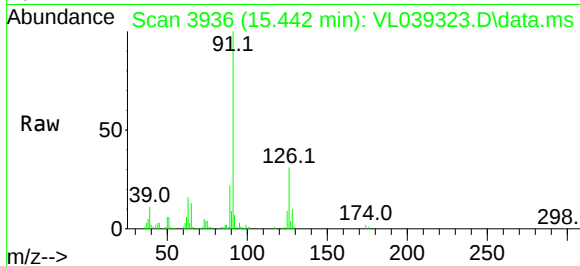
#71
2-Chlorotoluene
Concen: 0.466 ppbv
RT: 15.442 min Scan# 3936
Delta R.T. -0.010 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

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

Tgt Ion: 91 Resp: 186360
Ion Ratio Lower Upper
91 100
126 31.9 12.2 48.6

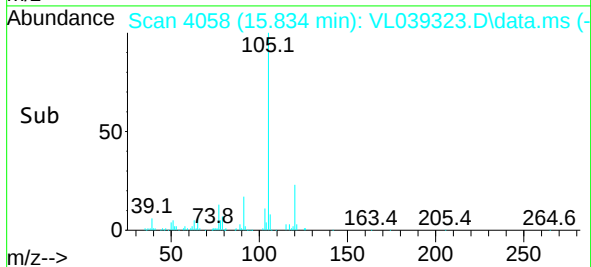
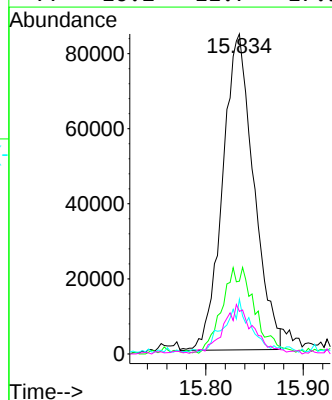
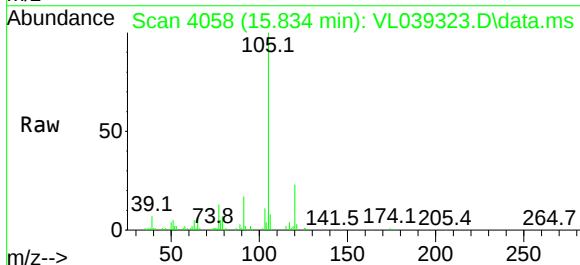
Manual Integrations
APPROVED

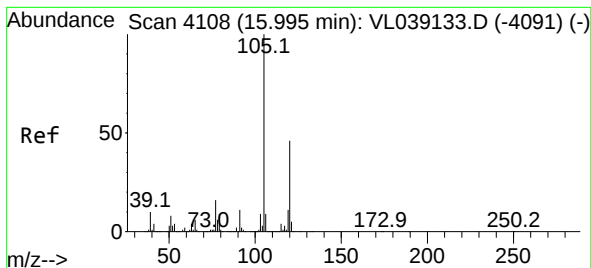
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
4-Ethyltoluene
Concen: 0.452 ppbv
RT: 15.834 min Scan# 4058
Delta R.T. -0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

Tgt Ion:105 Resp: 186821
Ion Ratio Lower Upper
105 100
120 29.2 23.9 35.9
91 14.7 10.6 16.0
77 16.2 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.449 ppbv

RT: 15.989 min Scan# 4108

Delta R.T. -0.006 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion:105 Resp: 167379

Ion Ratio Lower Upper

105 100

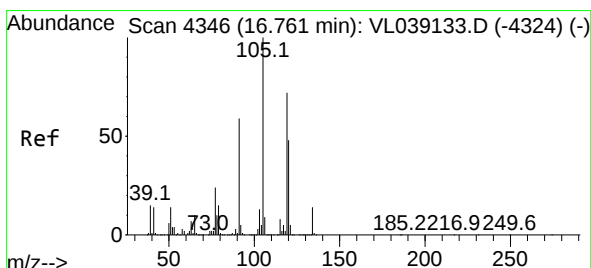
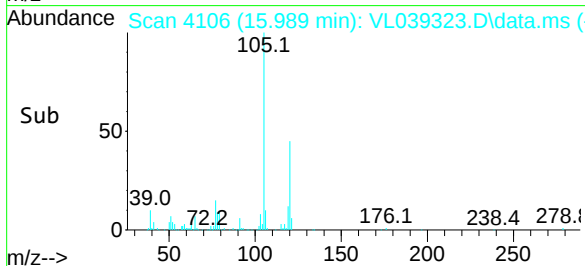
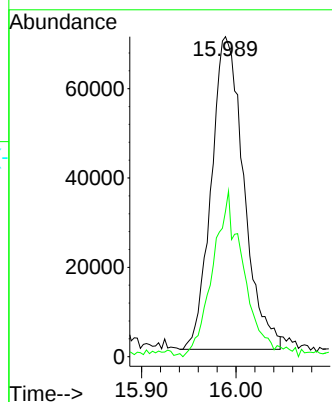
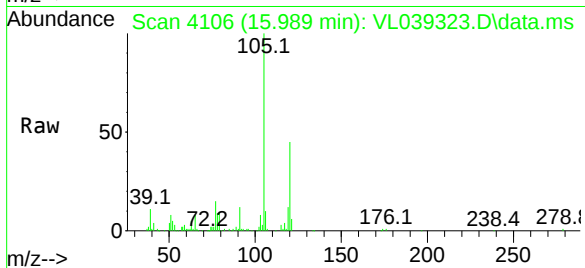
120 45.5 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.497 ppbv m

RT: 16.748 min Scan# 4342

Delta R.T. -0.013 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Tgt Ion:105 Resp: 206798

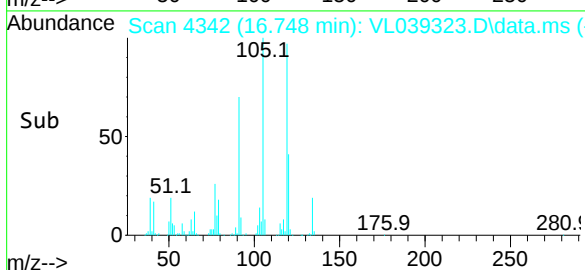
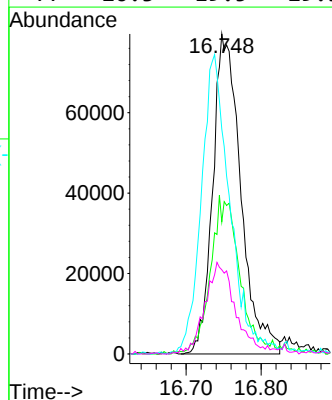
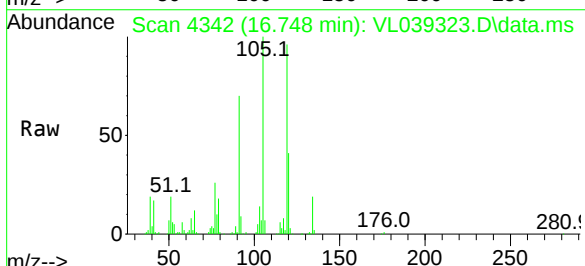
Ion Ratio Lower Upper

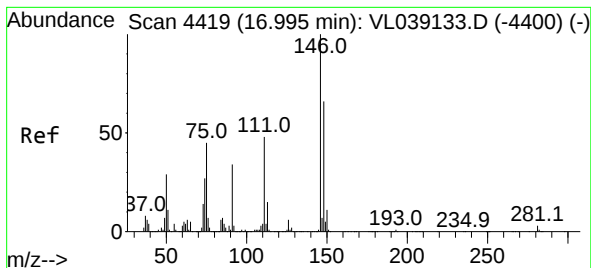
105 100

120 41.3 38.1 57.1

91 70.3 47.4 71.0

77 26.3 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 0.521 ppbv m

RT: 16.986 min Scan# 4416

Delta R.T. -0.010 min

Lab File: VL039323.D

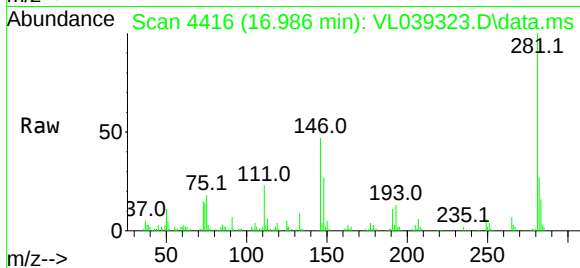
Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion:146 Resp: 12288

Ion Ratio Lower Upper

146 100

111 51.0 23.8 71.4

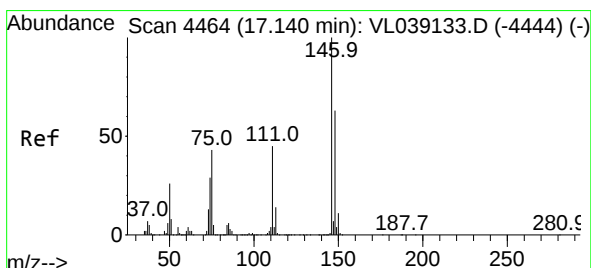
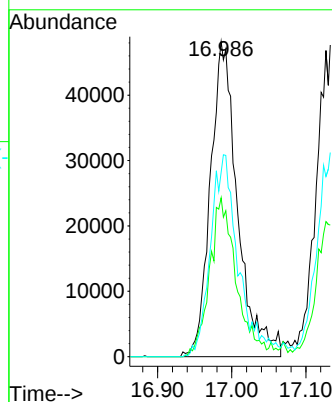
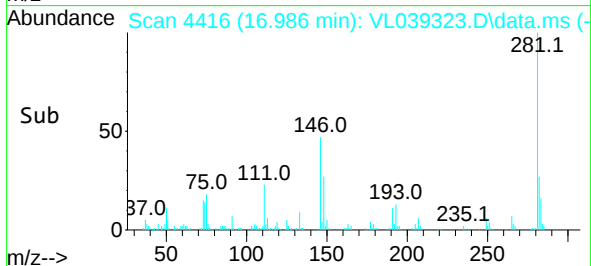
148 67.1 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#76

1,4-Dichlorobenzene

Concen: 0.523 ppbv m

RT: 17.133 min Scan# 4462

Delta R.T. -0.006 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

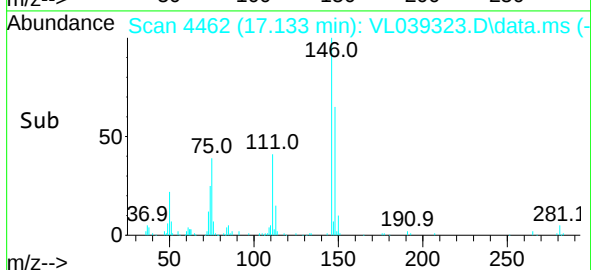
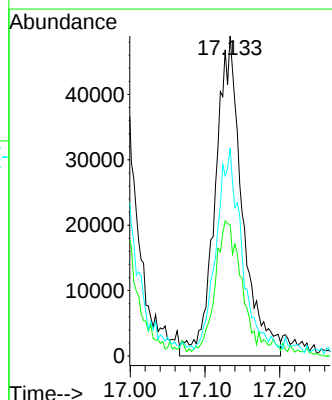
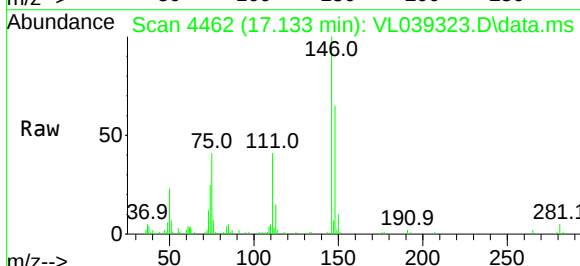
Tgt Ion:146 Resp: 123056

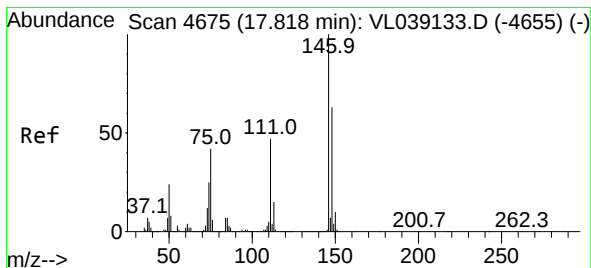
Ion Ratio Lower Upper

146 100

111 46.0 23.6 71.0

148 66.2 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 0.487 ppbv m

RT: 17.812 min Scan# 4

Delta R.T. -0.006 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion:146 Resp: 115780

Ion Ratio Lower Upper

146 100

111 49.5 24.4 73.4

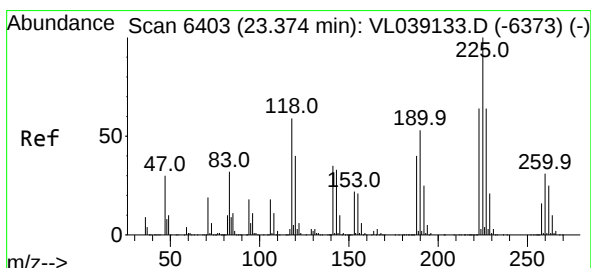
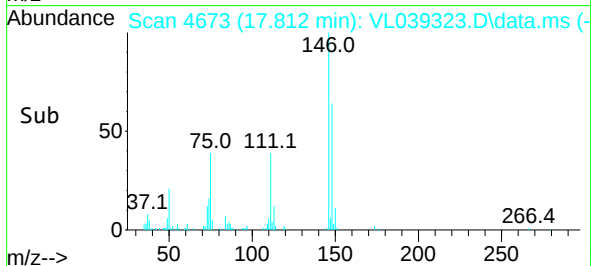
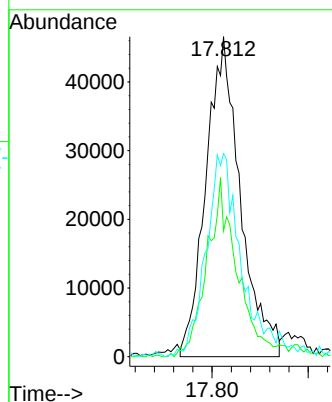
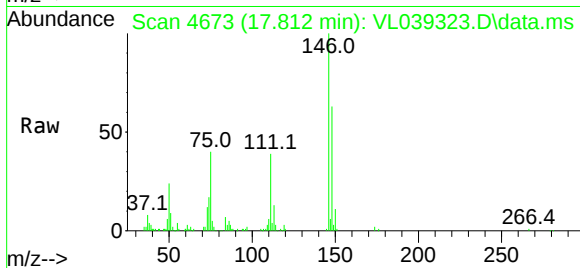
148 66.9 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.517 ppbv m

RT: 23.362 min Scan# 6399

Delta R.T. -0.013 min

Lab File: VL039323.D

Acq: 22 Jun 2022 17:01

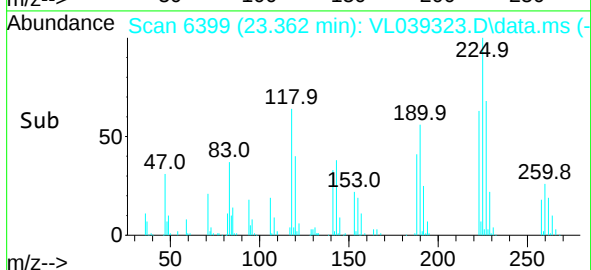
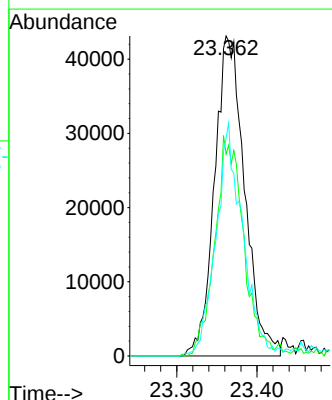
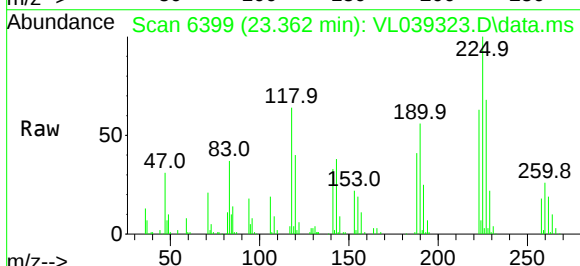
Tgt Ion:225 Resp: 112260

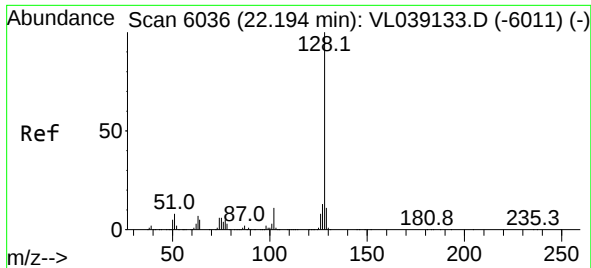
Ion Ratio Lower Upper

225 100

223 67.3 51.4 77.0

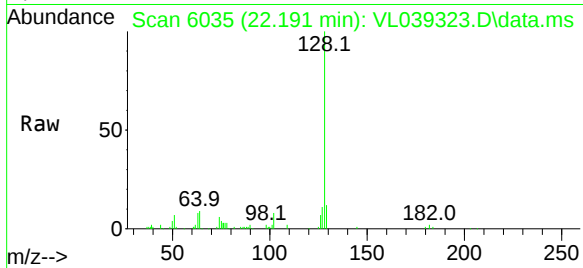
227 65.4 50.6 75.8





#79
Naphthalene
Concen: 0.404 ppbv
RT: 22.191 min Scan# 6035
Delta R.T. -0.003 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01

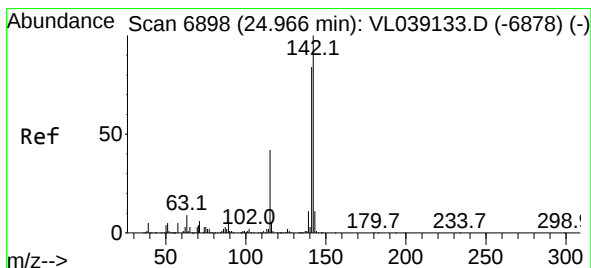
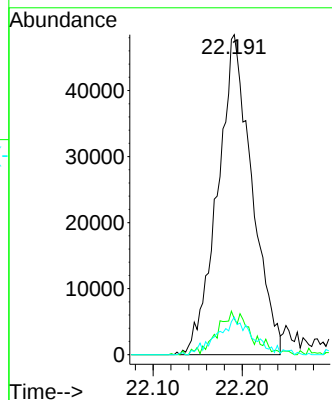
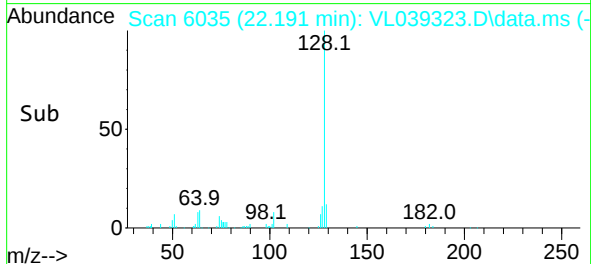
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



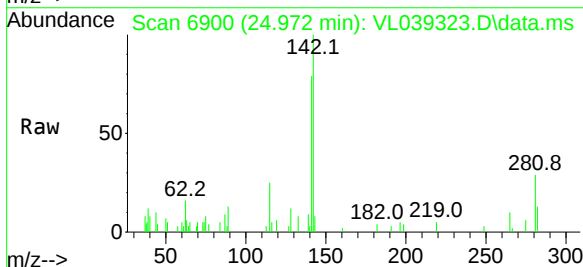
Tgt Ion:128 Resp: 129530
Ion Ratio Lower Upper
128 100
127 11.3 10.4 15.6
129 11.3 9.0 13.6

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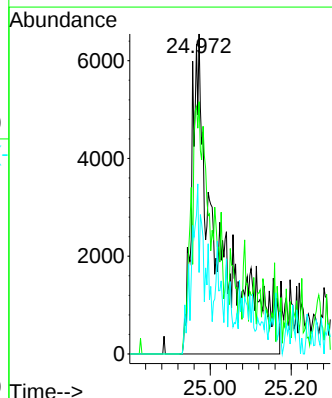
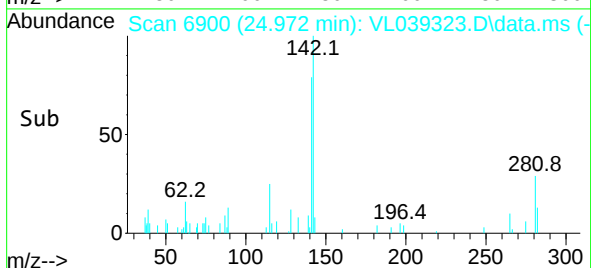
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

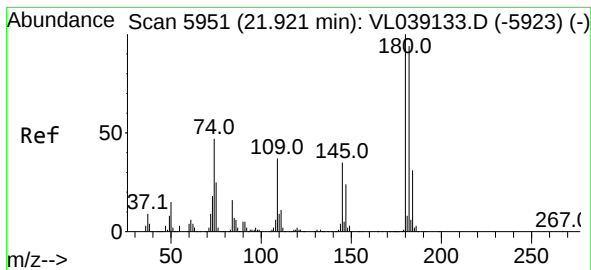


#80
Naphthalene,2-methyl-
Concen: 0.244 ppbv m
RT: 24.972 min Scan# 6900
Delta R.T. 0.006 min
Lab File: VL039323.D
Acq: 22 Jun 2022 17:01



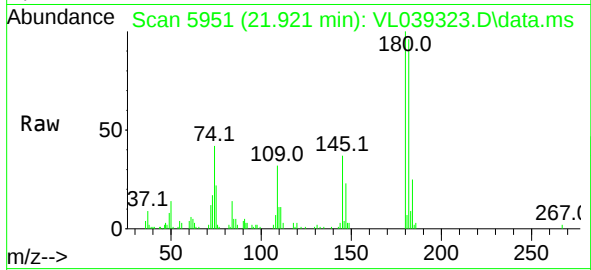
Tgt Ion:142 Resp: 29089
Ion Ratio Lower Upper
142 100
141 64.5 64.6 96.8#
115 27.1 32.7 49.1#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.420 ppbv m
 RT: 21.921 min Scan# 5951
 Delta R.T. -0.000 min
 Lab File: VL039323.D
 Acq: 22 Jun 2022 17:01

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



Tgt Ion:180 Resp: 8522
 Ion Ratio Lower Upper
 180 100
 182 0.0 0.0 0.0
 184 0.0 0.0 0.0

Manual Integrations
 APPROVED

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

