

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039245.D
 Acq On : 8 Jun 2022 21:44
 Operator : SY/AP
 Sample : N3214-14 0.5LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

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

Quant Time: Jun 09 06:43:29 2022

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

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

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

Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.677	49	949801	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2201061	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	1894785	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	1736534	11.086	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	3.060	85	130049m	0.780	ppbv	
3) Chlorodifluoromethane	3.002	51	75367	0.624	ppbv	93
4) Chloromethane	3.153	50	33052	0.532	ppbv	# 86
5) Vinyl Chloride	3.263	62	34455m	0.594	ppbv	
6) Bromomethane	3.491	94	21105m	0.739	ppbv	
7) Chloroethane	3.568	64	13041	0.645	ppbv	99
8) Dichlorotetrafluoroethane	3.198	85	101865	0.668	ppbv	93
9) Propene	3.018	41	24641m	0.468	ppbv	
10) Heptane	8.137	43	49497m	0.403	ppbv	
11) Trichlorofluoromethane	3.964	101	119455	0.791	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.497	101	82458	0.826	ppbv	92
13) Ethanol	3.639	45	2901m	1.009	ppbv	
14) Bromoethene	3.751	108	30160m	0.672	ppbv	
15) Acetone	3.877	43	80503m	0.814	ppbv	
16) 1,3-Butadiene	3.340	39	34402m	0.647	ppbv	
17) tert-Butyl alcohol	4.314	59	62532m	0.815	ppbv	
18) 1,1-Dichloroethene	4.298	96	31019	0.692	ppbv	94
19) Isopropyl Alcohol	3.996	45	28801m	0.621	ppbv	
20) Methylene Chloride	4.356	84	38910m	0.933	ppbv	
21) Allyl Chloride	4.420	41	45959m	0.689	ppbv	
22) trans-1,2-Dichloroethene	4.899	96	31588	0.733	ppbv	83
23) Vinyl Acetate	5.089	43	38041	0.465	ppbv	97
24) 1,1-Dichloroethane	5.018	63	74390	0.663	ppbv	100
25) Ethyl Acetate	5.690	43	100477	0.451	ppbv	98
26) Hexane	5.697	57	44521m	0.454	ppbv	
27) Carbon Disulfide	4.565	76	60919	0.600	ppbv	# 87
28) Methyl tert-Butyl Ether	5.050	73	60141	0.556	ppbv	96
29) Chloroform	5.764	83	95931m	0.582	ppbv	
30) Cyclohexane	7.147	84	37188m	0.452	ppbv	
31) cis-1,2-Dichloroethene	5.558	61	50977m	0.510	ppbv	
32) 1,1,1-Trichloroethane	6.520	97	90115	0.558	ppbv	96
34) 2-Butanone	5.266	43	67882m	0.568	ppbv	
35) Carbon Tetrachloride	7.034	117	99025m	0.616	ppbv	
36) Benzene	6.906	78	82584m	0.462	ppbv	
37) 1,2-Dichloroethane	6.314	62	76843m	0.653	ppbv	
38) Trichloroethene	7.844	130	40572m	0.494	ppbv	
39) 1,2-Dichloropropane	7.626	63	31555	0.444	ppbv	# 84
40) 1,4-Dioxane	7.877	88	12045m	0.515	ppbv	
41) Tetrahydrofuran	6.086	42	31586m	0.439	ppbv	
42) Bromodichloromethane	7.796	83	84717	0.519	ppbv	# 93
43) Methyl Methacrylate	8.031	69	29941m	0.430	ppbv	
44) 2,2,4-Trimethylpentane	7.880	57	139949	0.448	ppbv	# 85
45) t-1,3-Dichloropropene	9.285	75	29388m	0.405	ppbv	

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

Quant Time: Jun 09 06:43:29 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 06:43:29 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	8.713	75	40592m	0.424	ppbv	
47) 1,1,2-Trichloroethane	9.478	97	35712	0.482	ppbv #	85
48) Dibromochloromethane	10.314	129	59473	0.449	ppbv	98
49) Bromoform	13.047	173	47488m	0.430	ppbv	
50) 4-Methyl-2-Pentanone	8.767	43	81524m	0.455	ppbv	
51) 2-Hexanone	10.166	43	55552m	0.399	ppbv	
52) Tetrachloroethene	11.237	164	30652m	0.439	ppbv	
53) Toluene	9.815	91	87930m	0.427	ppbv	
54) 1,2-Dibromoethane	10.616	107	47690	0.479	ppbv	90
56) 1,1,1,2-Tetrachloroethane	12.134	131	50131m	0.559	ppbv	
57) Chlorobenzene	12.156	112	74426	0.522	ppbv #	87
58) Ethyl Benzene	12.722	91	128718m	0.493	ppbv	
59) m/p-Xylene	13.002	91	243615m	1.060	ppbv	
60) o-Xylene	13.700	91	117197	0.543	ppbv	93
61) Styrene	13.536	104	51264m	0.443	ppbv	
62) Isopropylbenzene	14.674	105	172405m	0.537	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.677	83	63521m	0.524	ppbv	
64) n-propylbenzene	15.571	120	38187m	0.484	ppbv	
65) tert-Butylbenzene	16.748	119	147733m	0.503	ppbv	
66) Benzyl Chloride	16.998	91	18821m	0.493	ppbv	
67) sec-Butylbenzene	17.301	105	205801	0.514	ppbv	97
69) p-Isopropyltoluene	17.654	119	170743m	0.505	ppbv	
70) n-Butylbenzene	18.558	91	186450m	0.538	ppbv	
71) 2-Chlorotoluene	15.461	91	133827m	0.547	ppbv	
72) 4-Ethyltoluene	15.851	105	125687m	0.497	ppbv	
73) 1,3,5-Trimethylbenzene	16.005	105	117237	0.514	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.764	105	131496	0.516	ppbv #	92
75) 1,3-Dichlorobenzene	16.998	146	78576m	0.545	ppbv	
76) 1,4-Dichlorobenzene	17.143	146	72427m	0.503	ppbv	
77) 1,2-Dichlorobenzene	17.825	146	67862	0.467	ppbv	88
78) Hexachloro-1,3-Butadiene	23.384	225	76968m	0.579	ppbv	
79) Naphthalene	22.210	128	74840m	0.382	ppbv	
80) Naphthalene,2-methyl-	24.969	142	14273m	0.196	ppbv	
81) 1,2,4-Trichlorobenzene	21.924	180	48653m	0.392	ppbv	

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

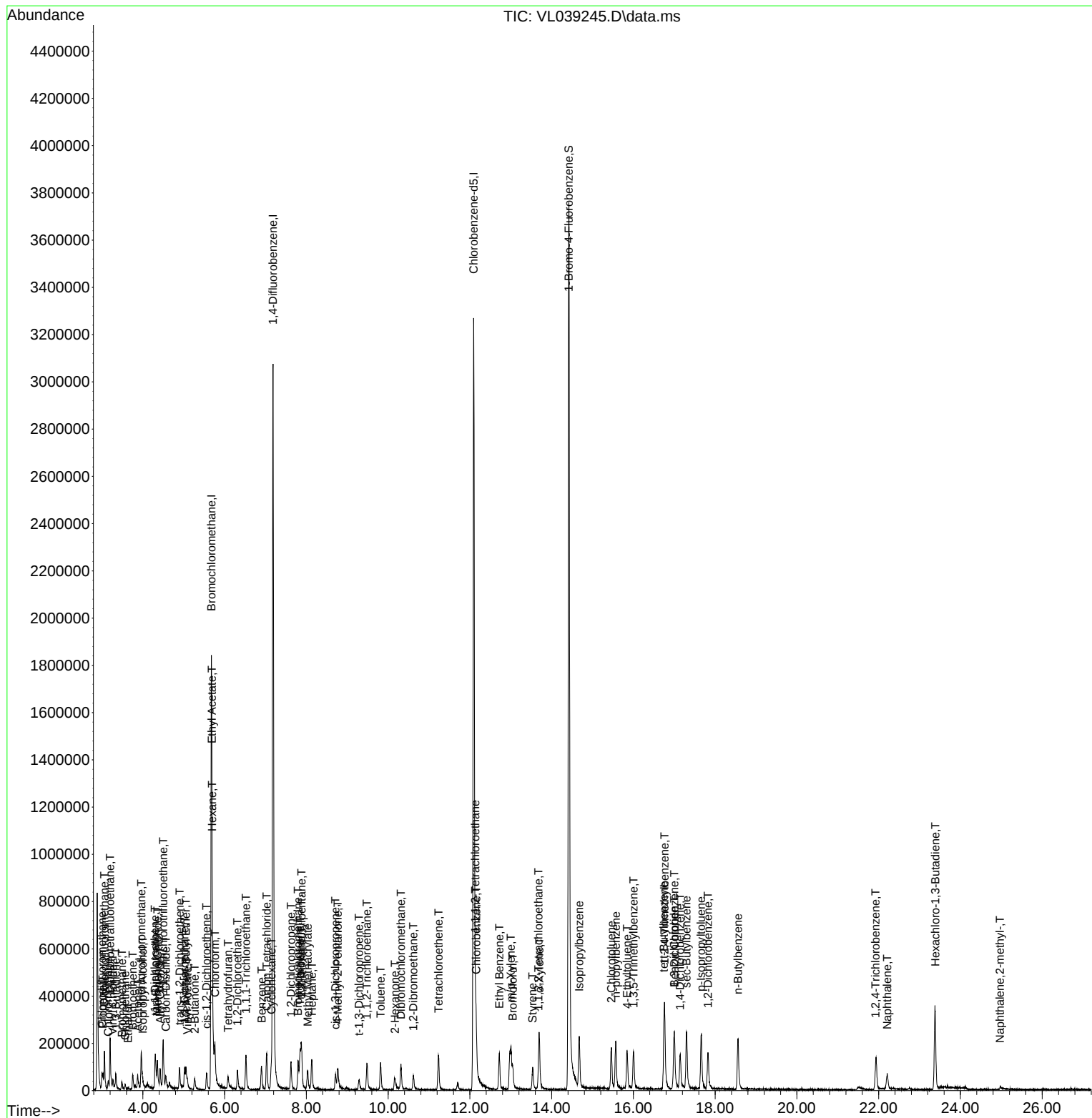
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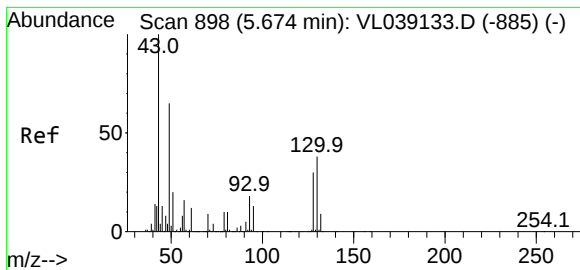
Instrument :
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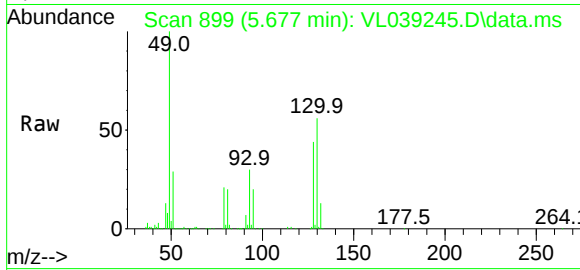
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

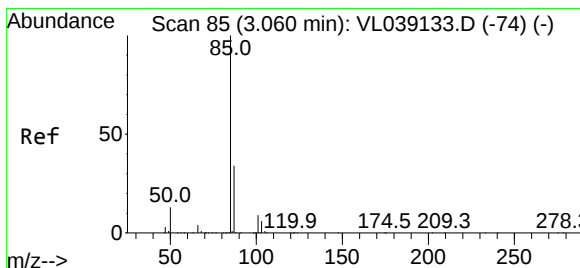
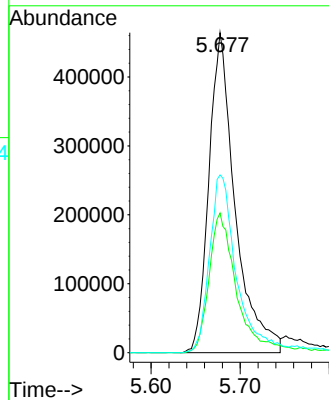
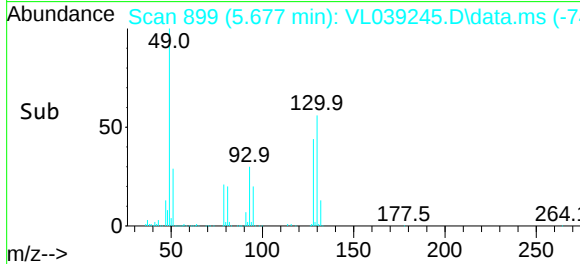
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



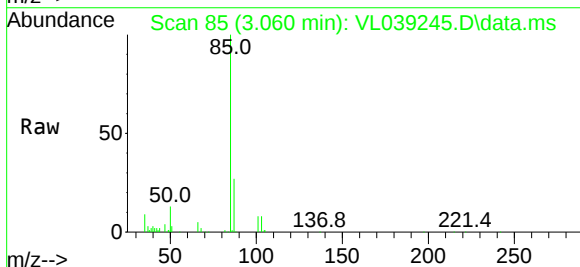
Tgt Ion: 49 Resp: 94980
Ion Ratio Lower Upper
49 100
128 47.3 24.7 74.1
130 60.3 31.4 94.0

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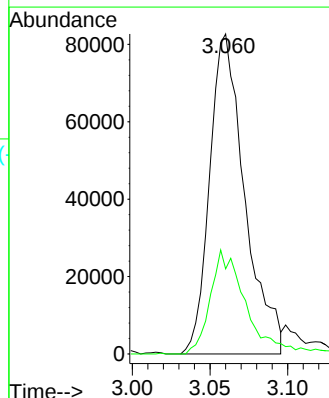
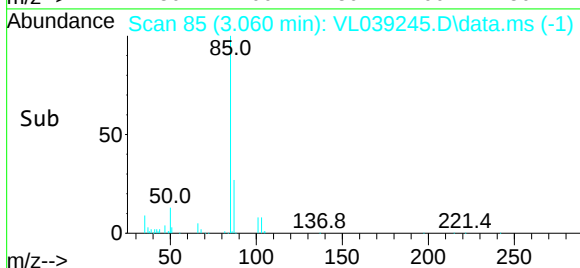
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

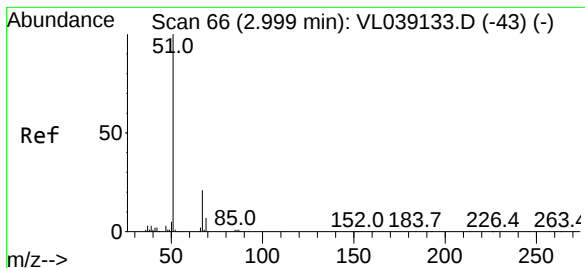


#2
Dichlorodifluoromethane
Concen: 0.780 ppbv m
RT: 3.060 min Scan# 85
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



Tgt Ion: 85 Resp: 130049
Ion Ratio Lower Upper
85 100
87 26.6 26.9 40.3#





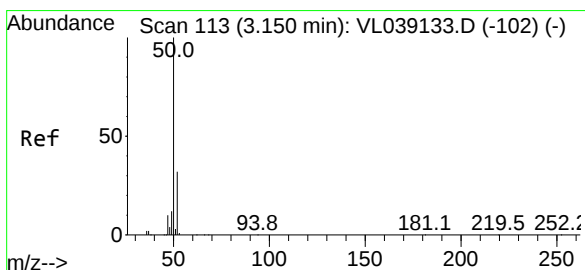
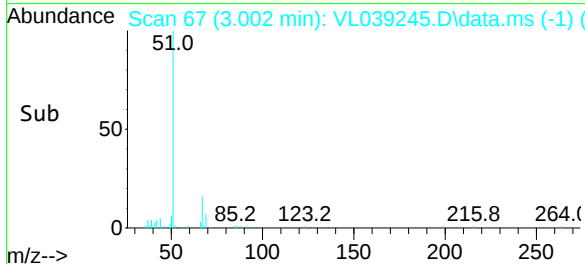
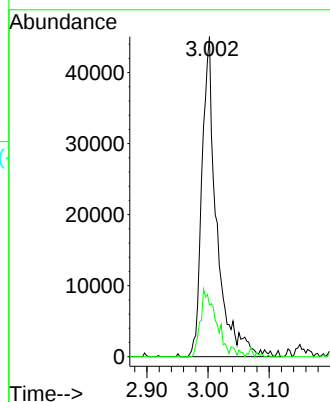
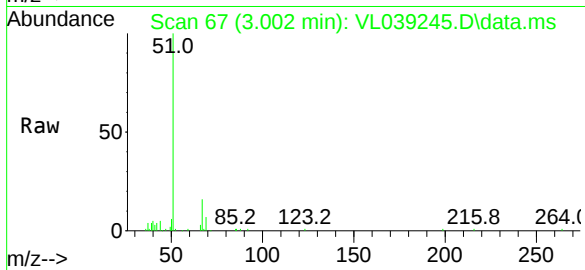
#3
Chlorodifluoromethane
Concen: 0.624 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

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

Tgt Ion: 51 Resp: 7536
Ion Ratio Lower Upper
51 100
67 23.5 16.2 24.4

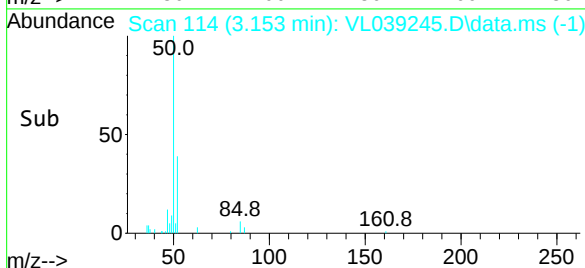
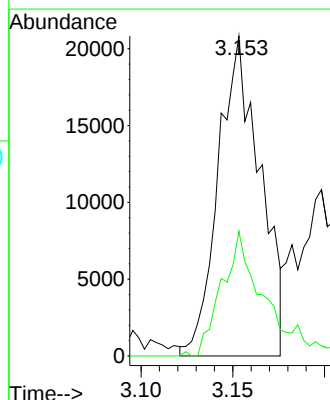
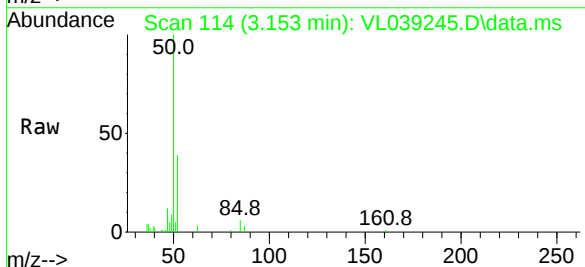
Manual Integrations
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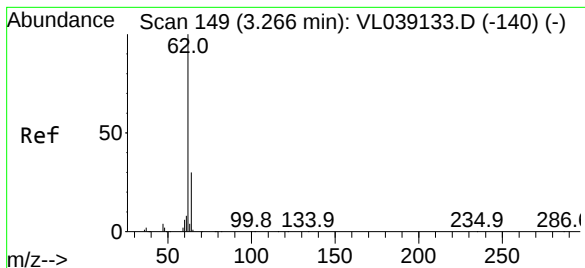
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Chloromethane
Concen: 0.532 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

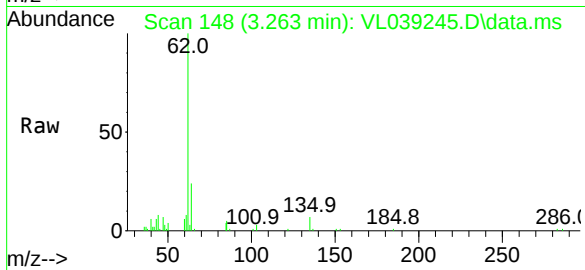
Tgt Ion: 50 Resp: 33052
Ion Ratio Lower Upper
50 100
52 40.1 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.594 ppbv m
 RT: 3.263 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

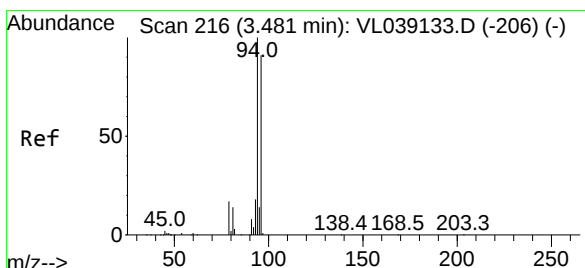
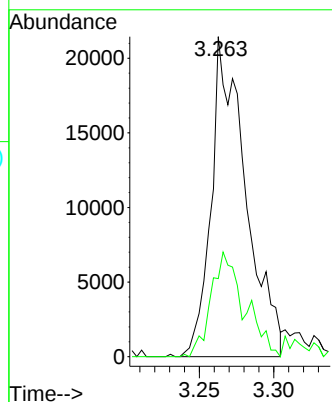
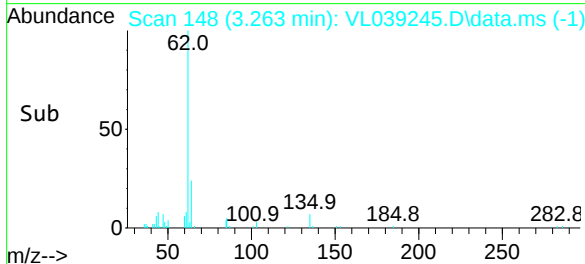
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



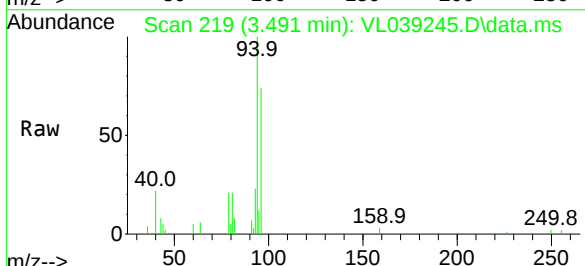
Tgt Ion: 62 Resp: 3445
 Ion Ratio Lower Upper
 62 100
 64 24.4 24.2 36.2

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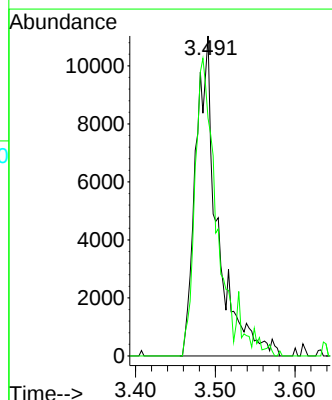
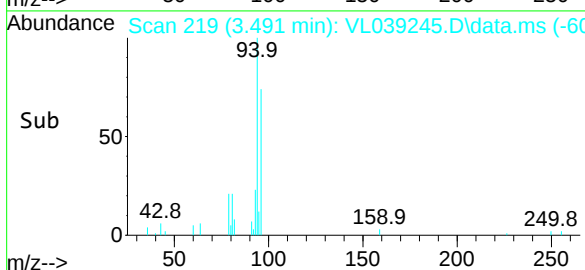
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

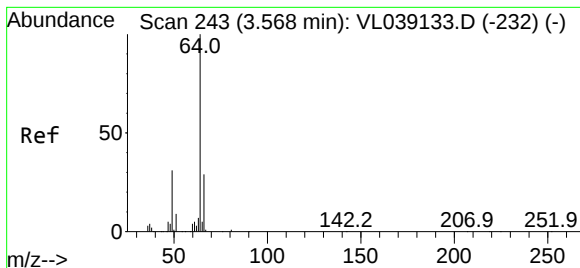


#6
 Bromomethane
 Concen: 0.739 ppbv m
 RT: 3.491 min Scan# 219
 Delta R.T. 0.010 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44



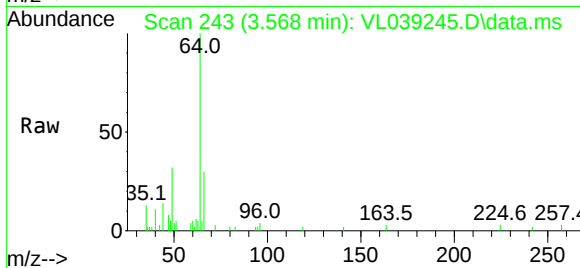
Tgt Ion: 94 Resp: 21105
 Ion Ratio Lower Upper
 94 100
 96 74.3 73.0 109.4





#7
Chloroethane
Concen: 0.645 ppbv
RT: 3.568 min Scan# 243
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

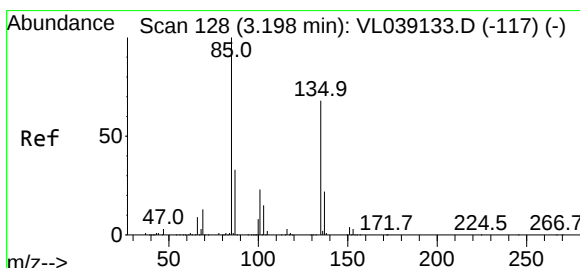
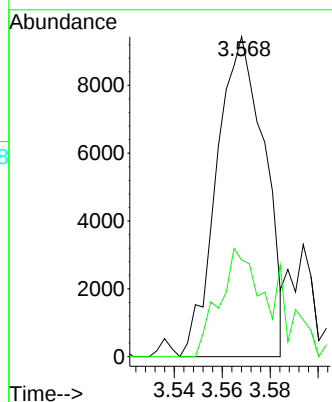
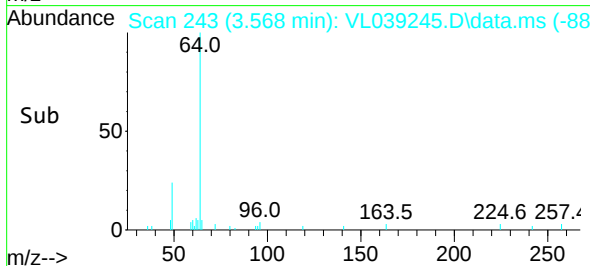
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 64 Resp: 1304
Ion Ratio Lower Upper
64 100
66 30.2 23.6 35.4

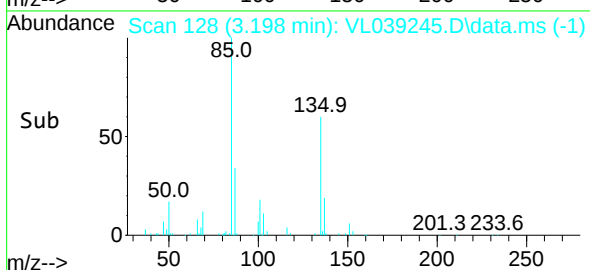
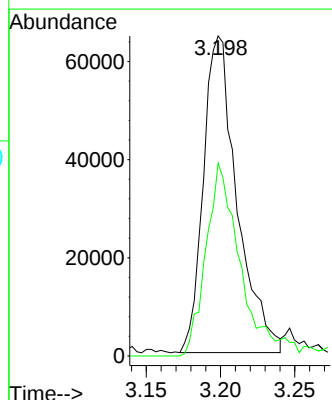
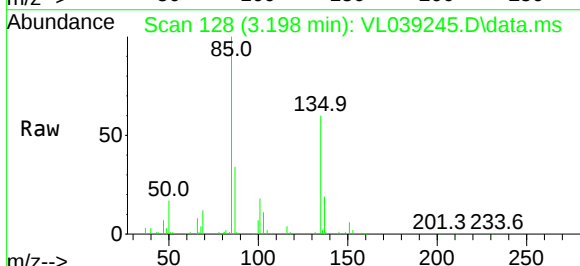
Manual Integrations
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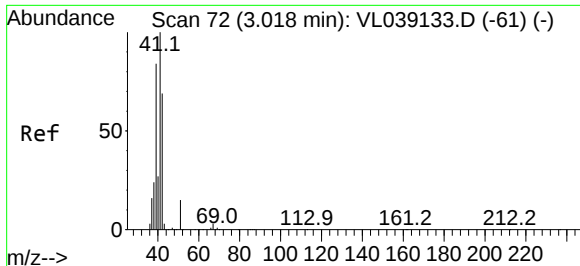
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#8
Dichlorotetrafluoroethane
Concen: 0.668 ppbv
RT: 3.198 min Scan# 128
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

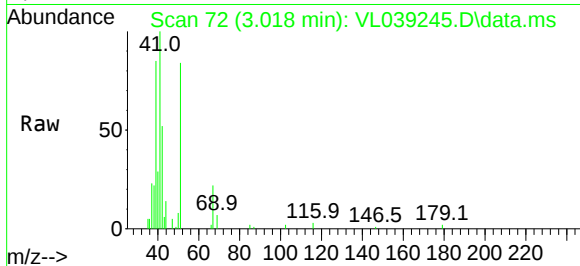
Tgt Ion: 85 Resp: 101865
Ion Ratio Lower Upper
85 100
135 62.9 55.0 82.4





#9
 Propene
 Concen: 0.468 ppbv m
 RT: 3.018 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

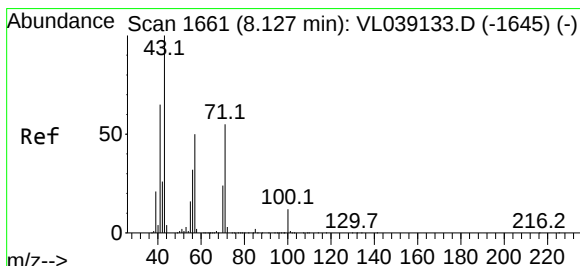
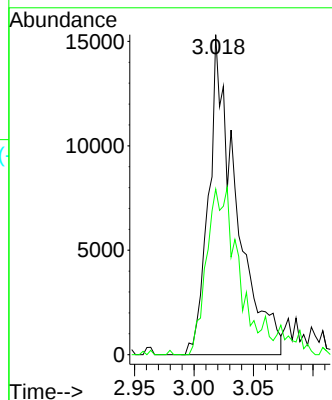
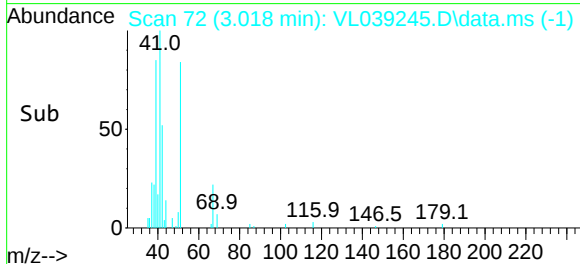
Instrument :
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Tgt Ion: 41 Resp: 2464
 Ion Ratio Lower Upper
 41 100
 42 0.0 55.4 83.2

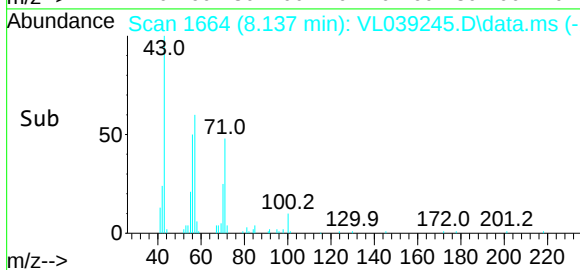
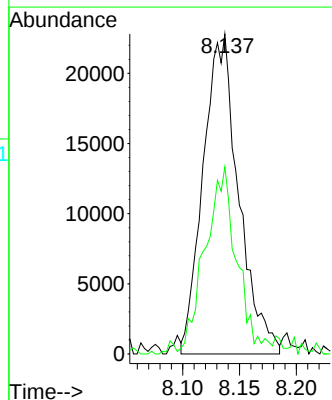
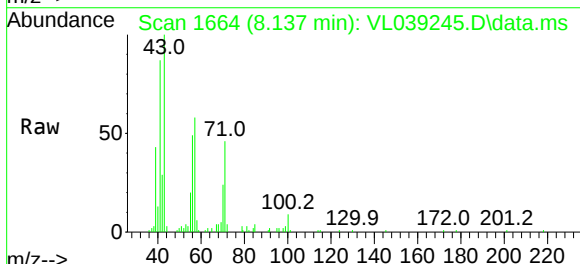
Manual Integrations
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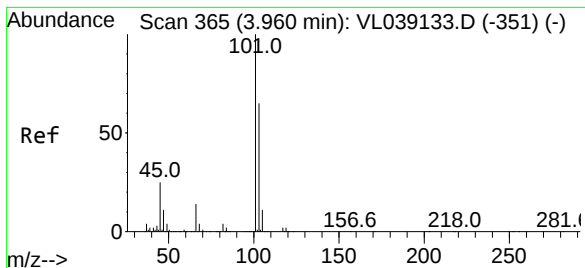
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#10
 Heptane
 Concen: 0.403 ppbv m
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.010 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

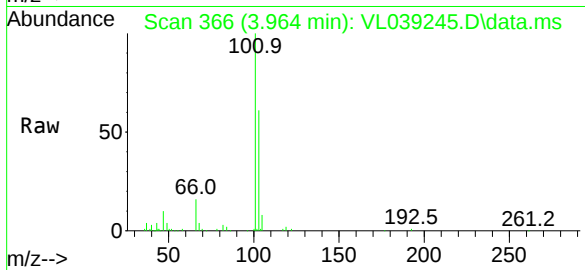
Tgt Ion: 43 Resp: 49497
 Ion Ratio Lower Upper
 43 100
 57 0.0 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 0.791 ppbv
 RT: 3.964 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

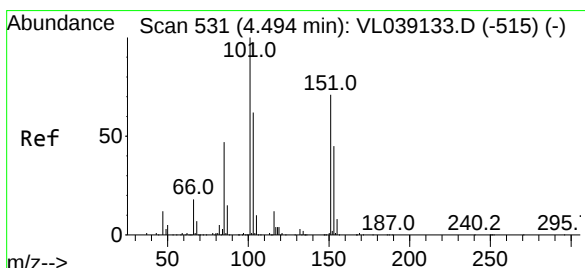
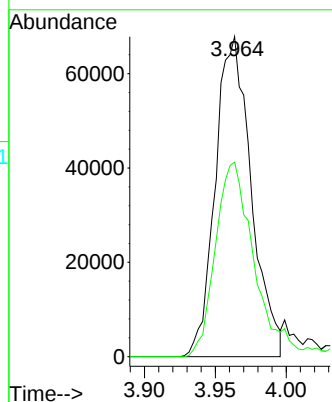
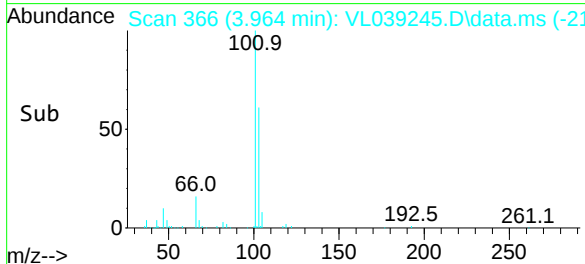
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



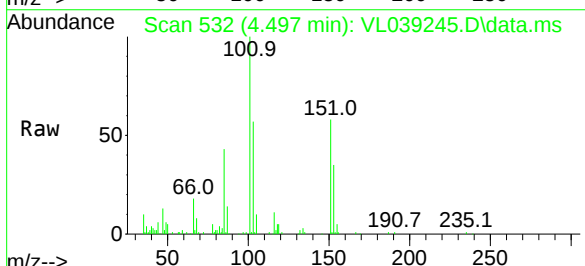
Tgt Ion:101 Resp: 119458
 Ion Ratio Lower Upper
 101 100
 103 60.8 51.7 77.5

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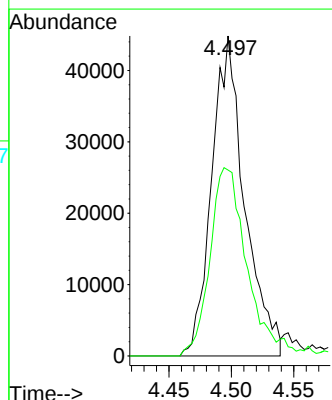
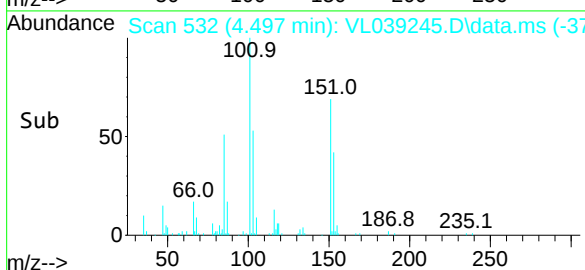
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

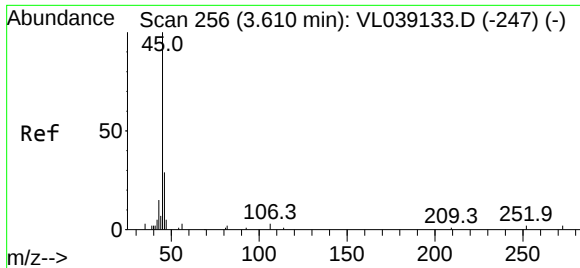


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.826 ppbv
 RT: 4.497 min Scan# 532
 Delta R.T. 0.003 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44



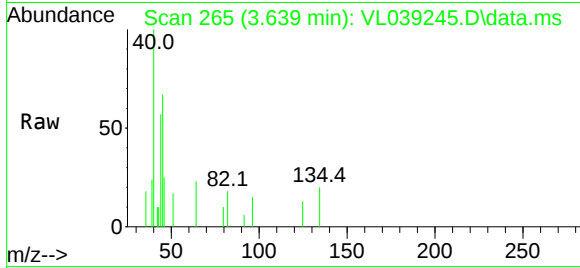
Tgt Ion:101 Resp: 82458
 Ion Ratio Lower Upper
 101 100
 151 67.8 59.4 89.0





#13
Ethanol
Concen: 1.009 ppbv m
RT: 3.639 min Scan# 210
Delta R.T. 0.029 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

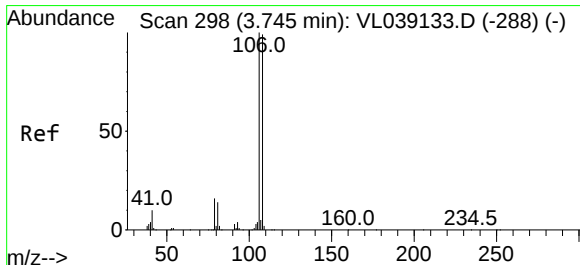
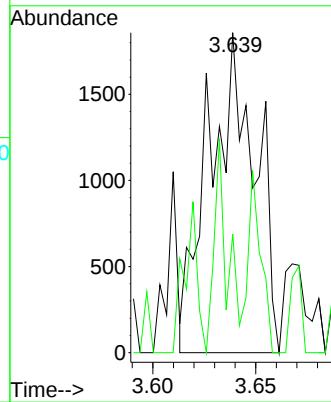
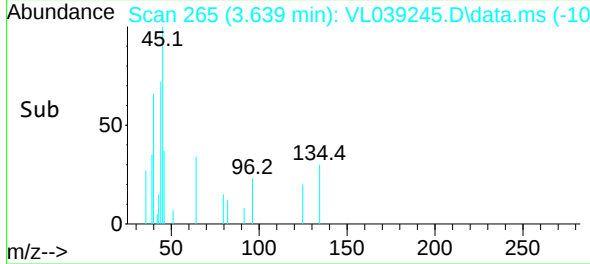
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



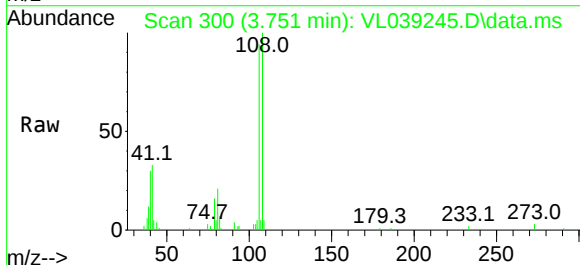
Tgt Ion: 45 Resp: 290
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

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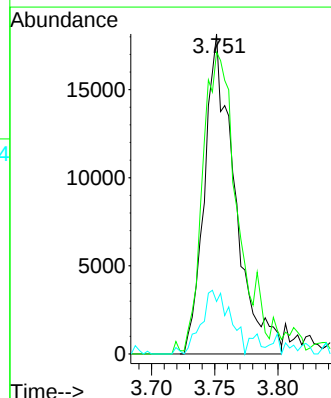
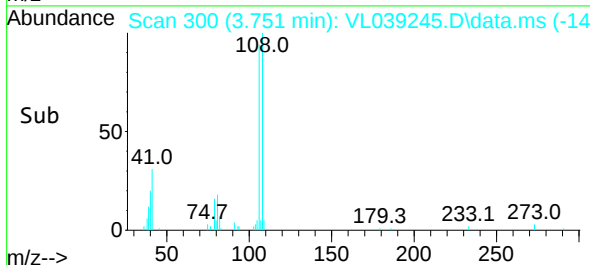
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

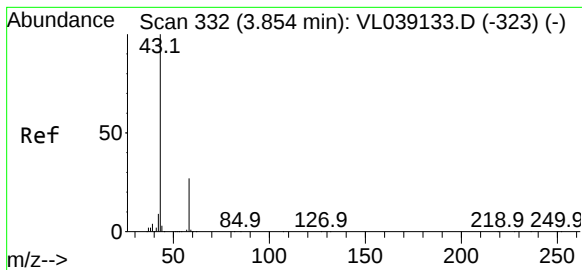


#14
Bromoethene
Concen: 0.672 ppbv m
RT: 3.751 min Scan# 300
Delta R.T. 0.006 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



Tgt Ion:108 Resp: 30160
Ion Ratio Lower Upper
108 100
106 118.6 88.4 132.6
79 25.5 13.4 20.2#





#15

Acetone

Concen: 0.814 ppbv m

RT: 3.877 min Scan# 31

Delta R.T. 0.022 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion: 43 Resp: 8050

Ion Ratio Lower Upper

43 100

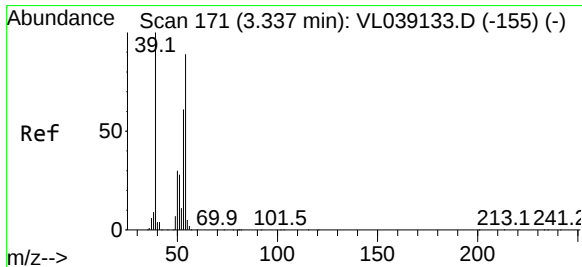
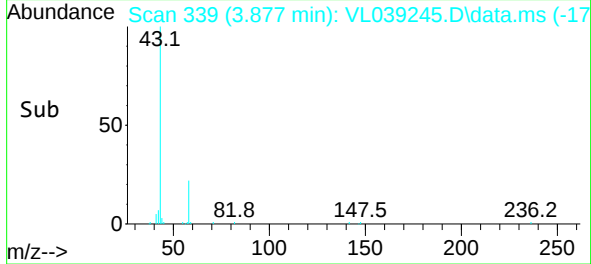
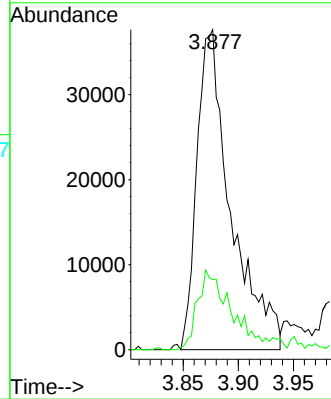
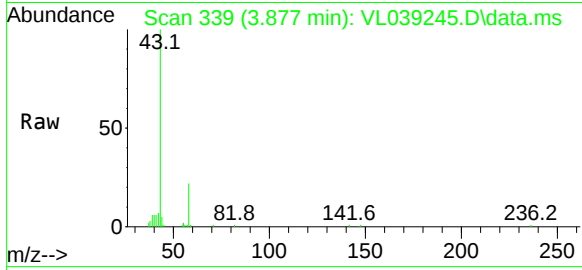
58 27.1 22.5 33.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#16

1,3-Butadiene

Concen: 0.647 ppbv m

RT: 3.340 min Scan# 172

Delta R.T. 0.003 min

Lab File: VL039245.D

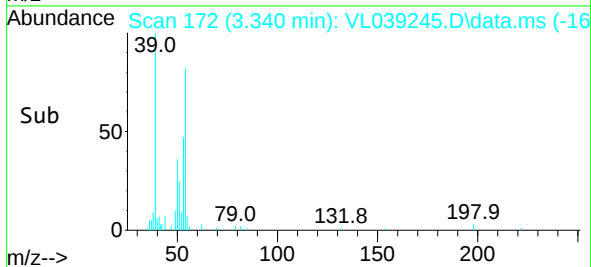
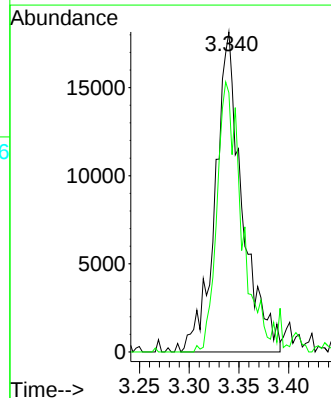
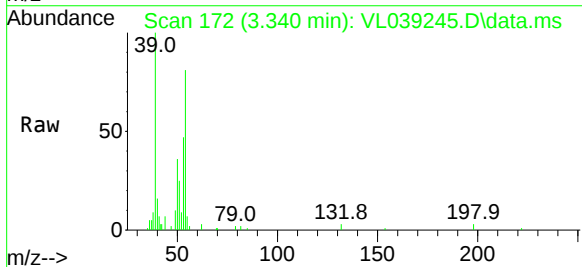
Acq: 8 Jun 2022 21:44

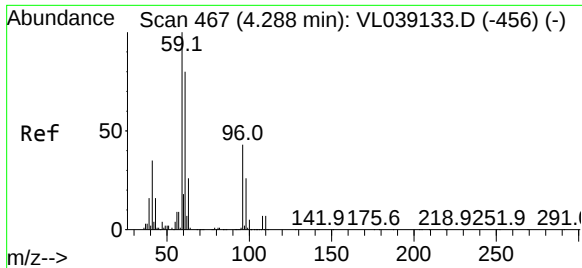
Tgt Ion: 39 Resp: 34402

Ion Ratio Lower Upper

39 100

54 79.8 65.8 98.6





#17

tert-Butyl alcohol

Concen: 0.815 ppbv m

RT: 4.314 min Scan# 41

Delta R.T. 0.026 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

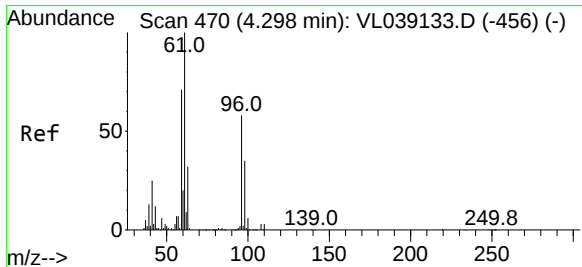
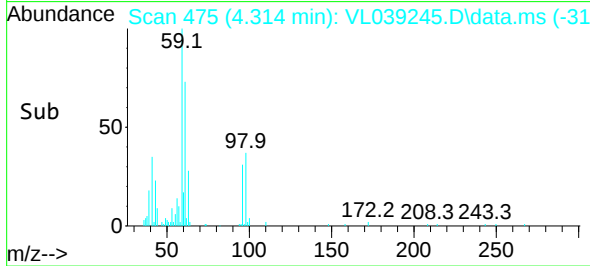
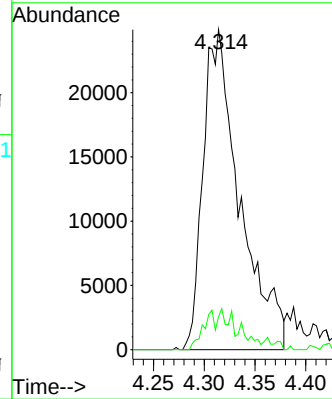
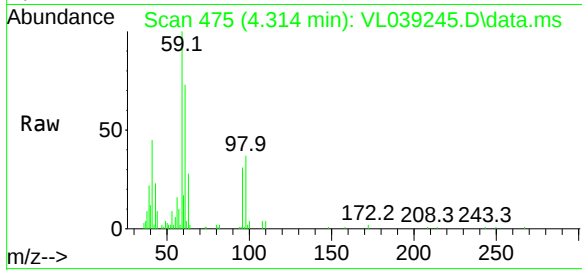
LOQ-AIR-02-QT2-2022

Tgt Ion: 59 Resp: 62532
 Ion Ratio Lower Upper
 59 100
 57 0.0 9.1 13.7

Manual Integrations

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



#18

1,1-Dichloroethene

Concen: 0.692 ppbv

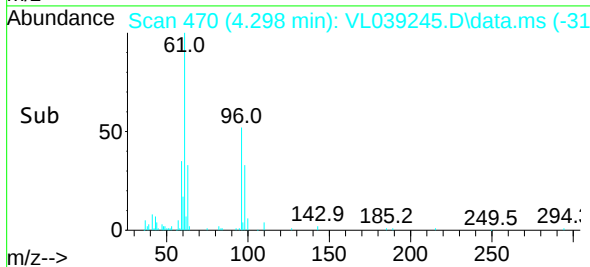
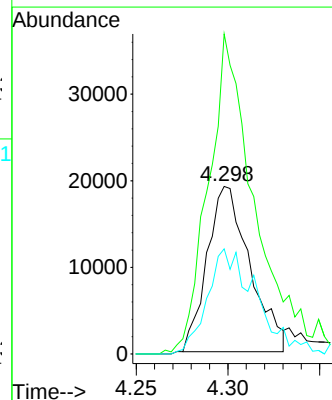
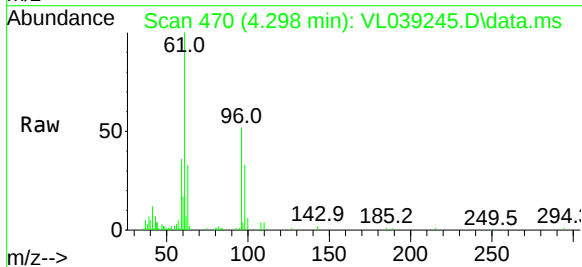
RT: 4.298 min Scan# 470

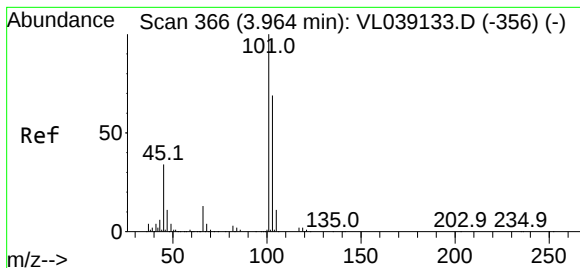
Delta R.T. -0.000 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

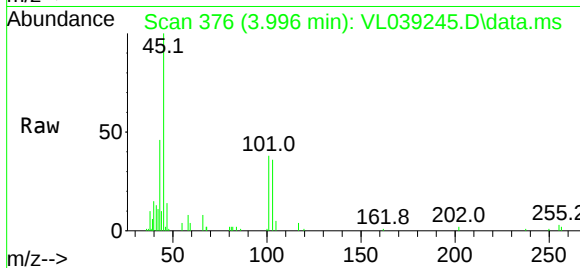
Tgt Ion: 96 Resp: 31019
 Ion Ratio Lower Upper
 96 100
 61 184.4 138.4 207.6
 98 60.9 47.8 71.8





#19
Isopropyl Alcohol
Concen: 0.621 ppbv m
RT: 3.996 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

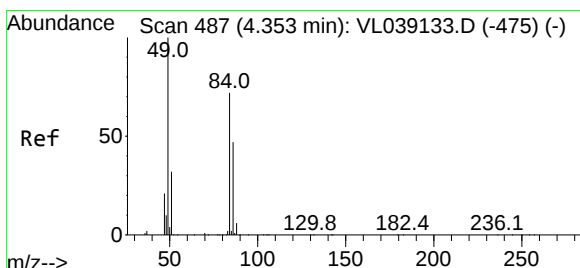
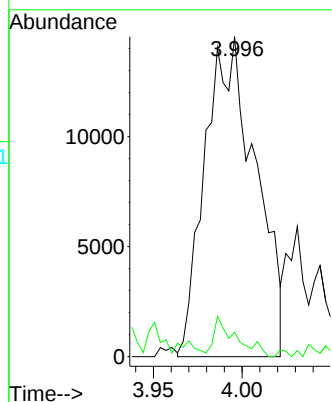
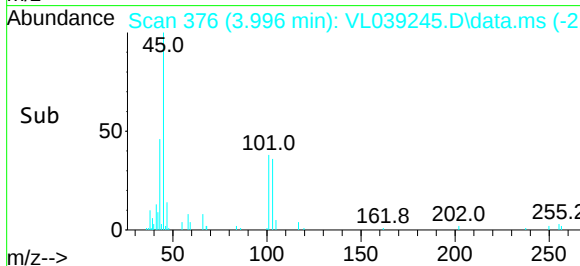
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



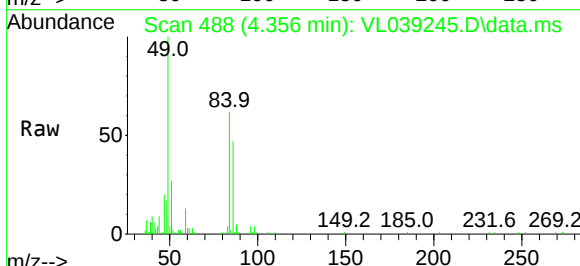
Tgt Ion: 45 Resp: 2880
Ion Ratio Lower Upper
45 100
58 0.0 1.8 2.8

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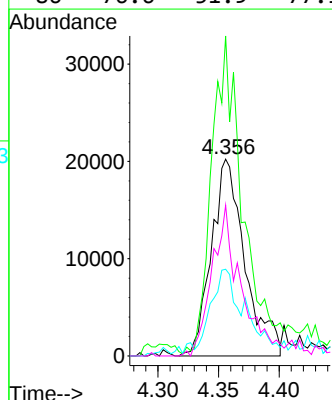
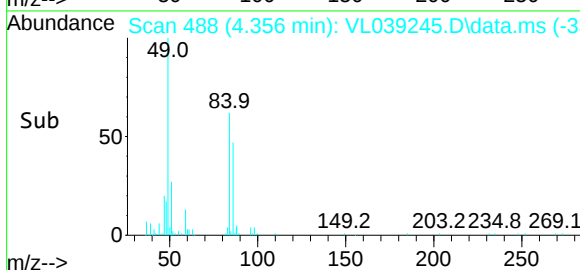
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

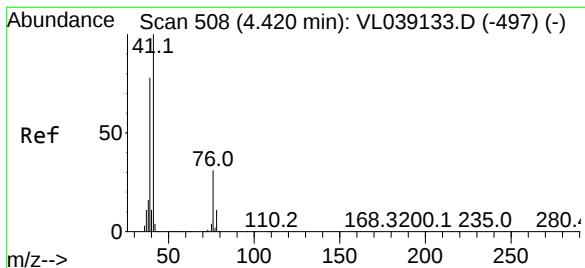


#20
Methylene Chloride
Concen: 0.933 ppbv m
RT: 4.356 min Scan# 488
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



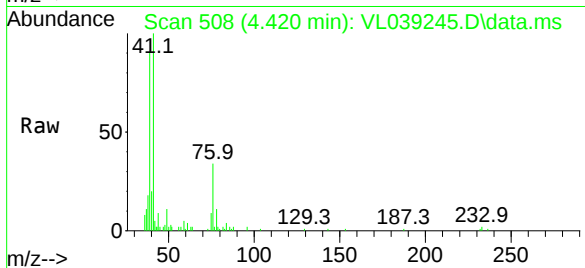
Tgt Ion: 84 Resp: 38910
Ion Ratio Lower Upper
84 100
49 162.6 111.1 166.7
51 44.1 35.3 52.9
86 76.6 51.9 77.9





#21
 Allyl Chloride
 Concen: 0.689 ppbv m
 RT: 4.420 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

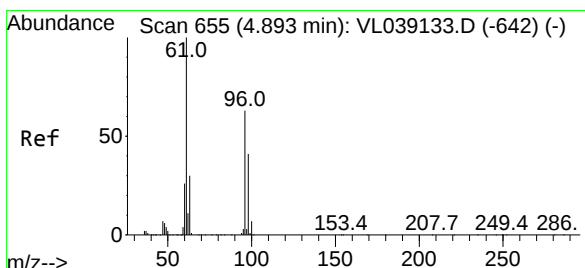
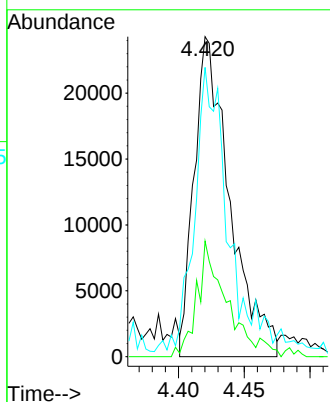
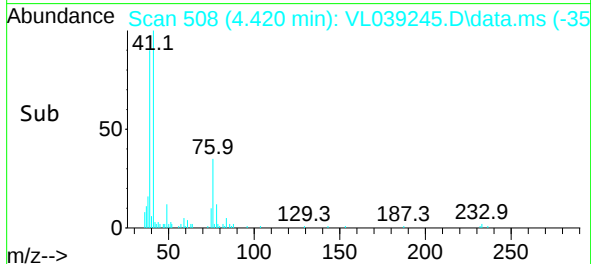
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



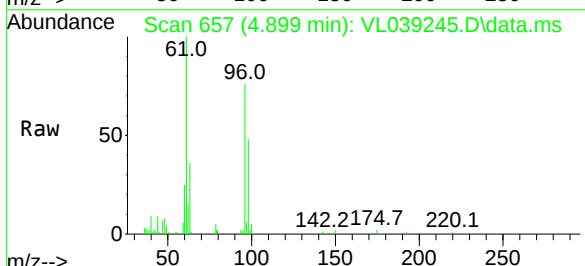
Tgt Ion: 41 Resp: 45958
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.2 36.2
 39 90.8 62.2 93.2

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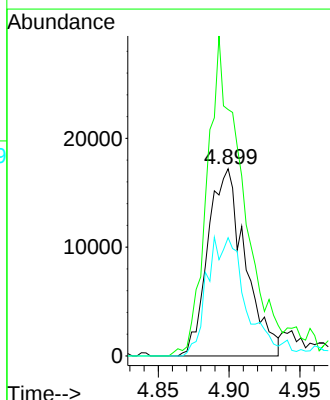
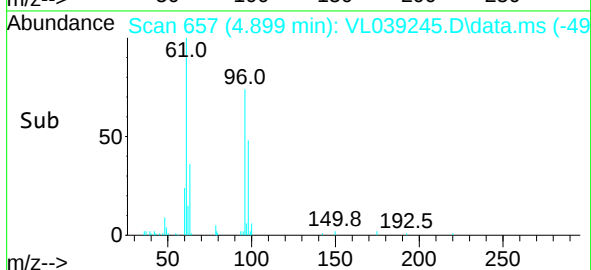
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

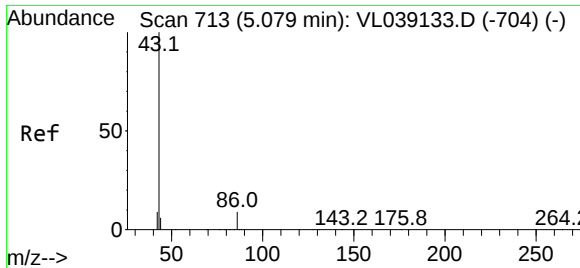


#22
 trans-1,2-Dichloroethene
 Concen: 0.733 ppbv
 RT: 4.899 min Scan# 657
 Delta R.T. 0.006 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44



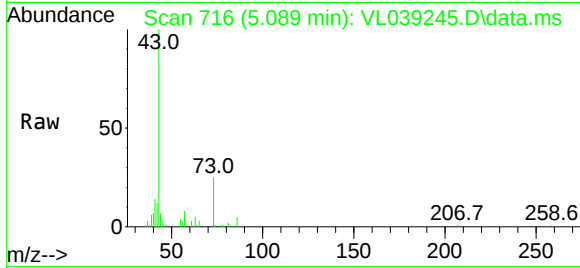
Tgt Ion: 96 Resp: 31588
 Ion Ratio Lower Upper
 96 100
 61 127.8 126.6 190.0
 98 63.1 52.5 78.7





#23
 Vinyl Acetate
 Concen: 0.465 ppbv
 RT: 5.089 min Scan# 713
 Delta R.T. 0.010 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

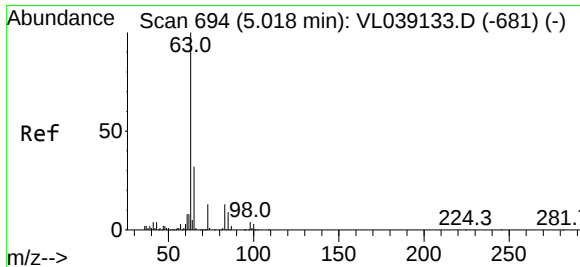
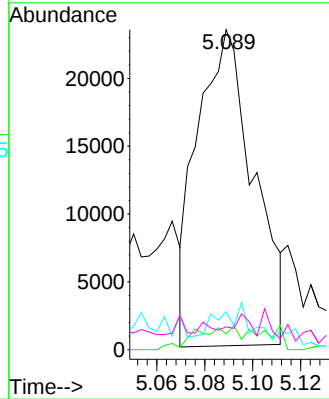
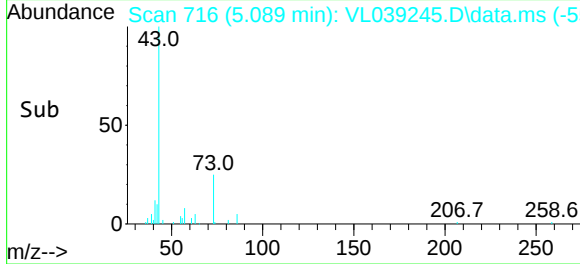
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2022



Tgt Ion: 43 Resp: 3804
 Ion Ratio Lower Upper
 43 100
 86 6.2 6.0 9.0
 42 8.8 8.2 12.4
 44 5.4 4.3 6.5

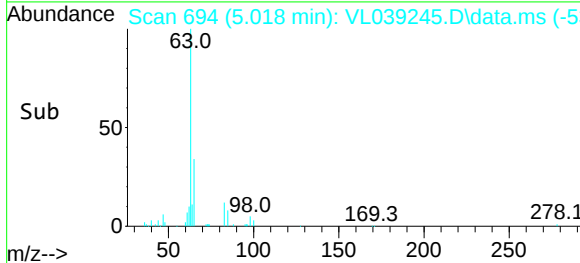
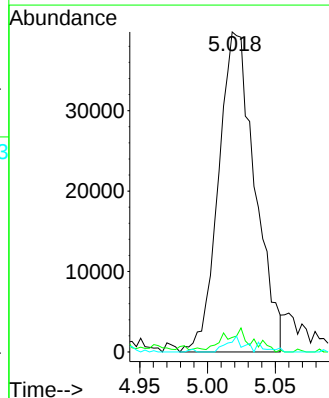
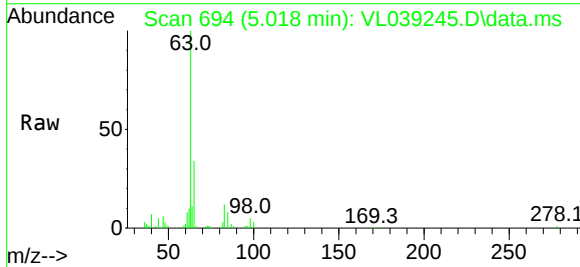
Manual Integrations
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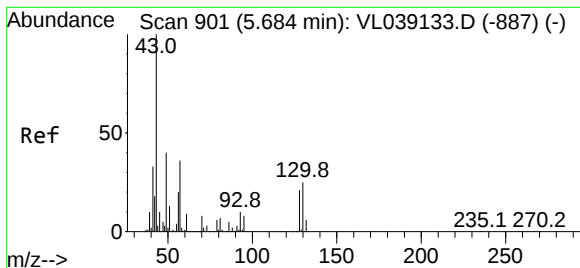
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#24
 1,1-Dichloroethane
 Concen: 0.663 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VL039245.D
 Acq: 8 Jun 2022 21:44

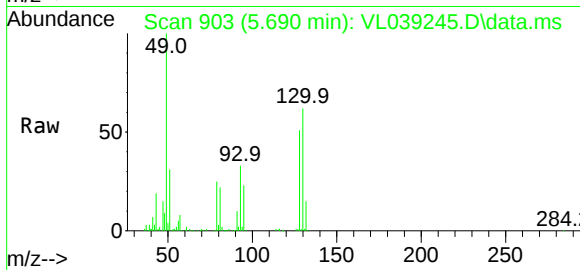
Tgt Ion: 63 Resp: 74390
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.1 6.2
 100 3.1 1.5 4.5





#25
Ethyl Acetate
Concen: 0.451 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.006 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

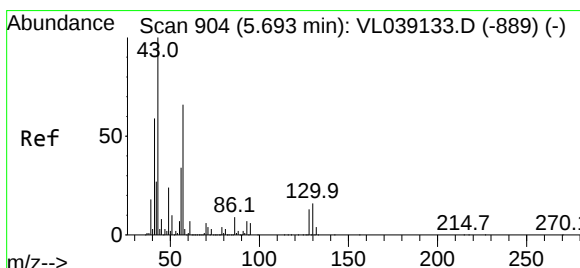
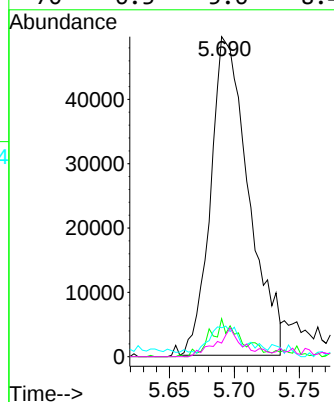
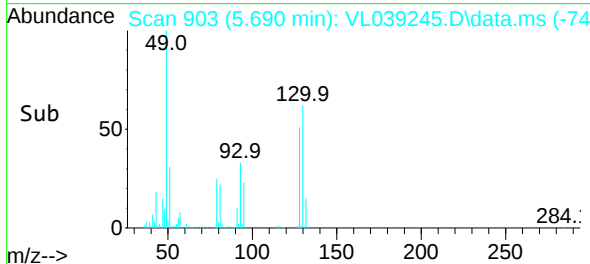
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



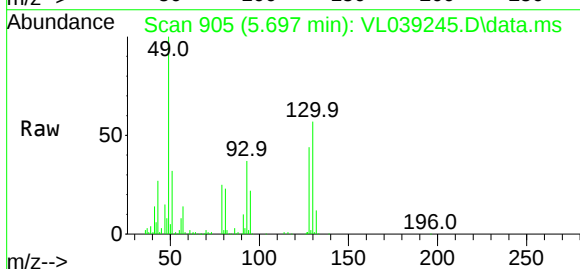
Tgt Ion: 43 Resp: 10047
Ion Ratio Lower Upper
43 100
45 10.6 8.2 12.2
61 11.3 8.4 12.6
70 6.3 5.6 8.4

Manual Integrations
APPROVED

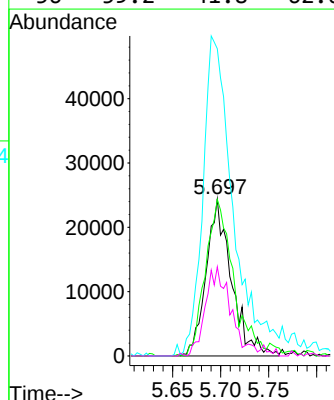
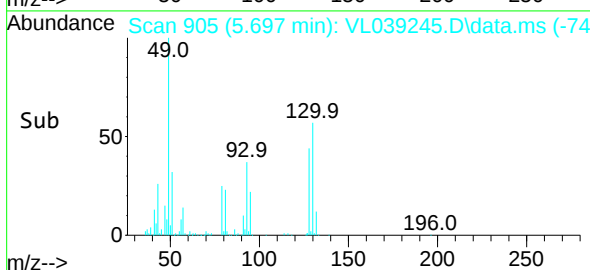
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

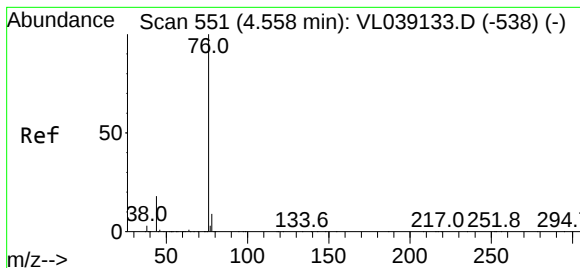


#26
Hexane
Concen: 0.454 ppbv m
RT: 5.697 min Scan# 905
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



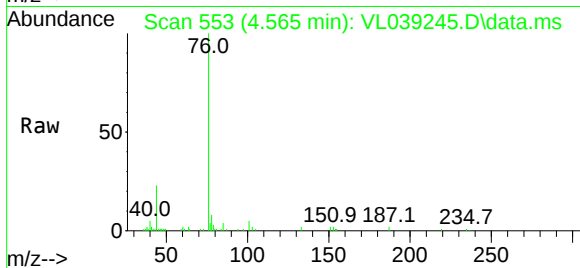
Tgt Ion: 57 Resp: 44521
Ion Ratio Lower Upper
57 100
41 115.7 72.4 108.6#
43 263.2 187.0 280.6
56 59.2 41.8 62.6





#27
Carbon Disulfide
Concen: 0.600 ppbv
RT: 4.565 min Scan# 511
Delta R.T. 0.006 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

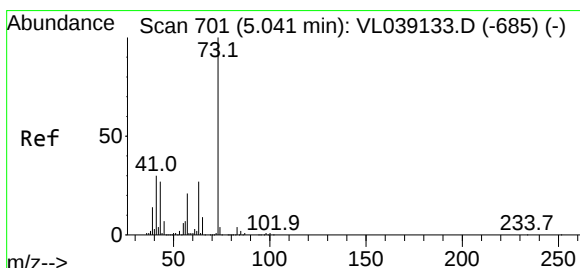
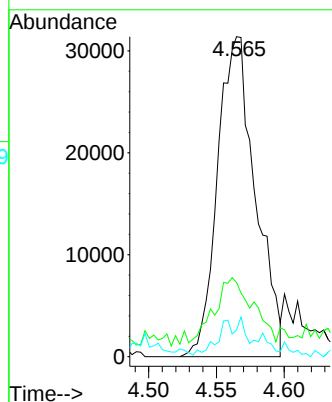
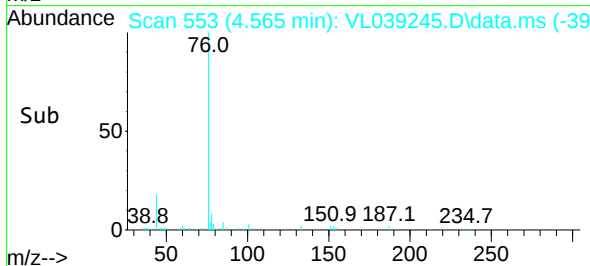
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 76 Resp: 60919
Ion Ratio Lower Upper
76 100
44 24.8 14.4 21.6
78 12.3 7.7 11.5

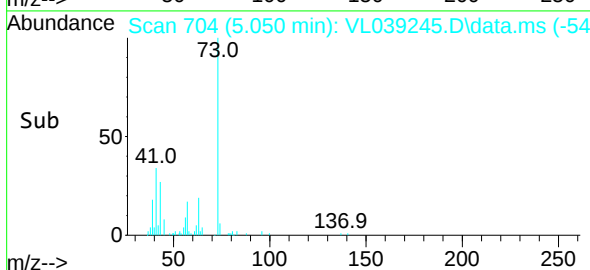
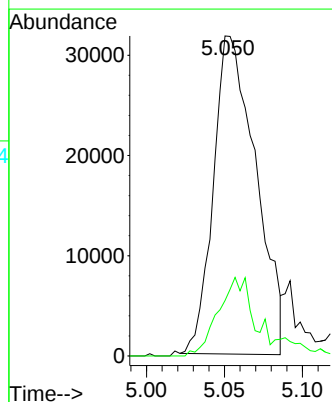
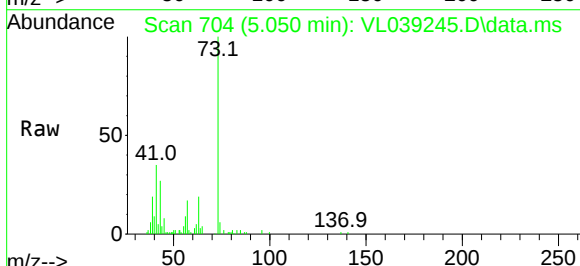
Manual Integrations
APPROVED

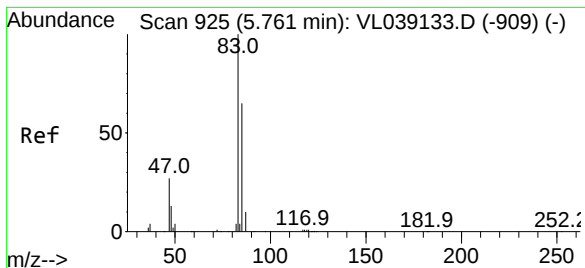
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#28
Methyl tert-Butyl Ether
Concen: 0.556 ppbv
RT: 5.050 min Scan# 704
Delta R.T. 0.010 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

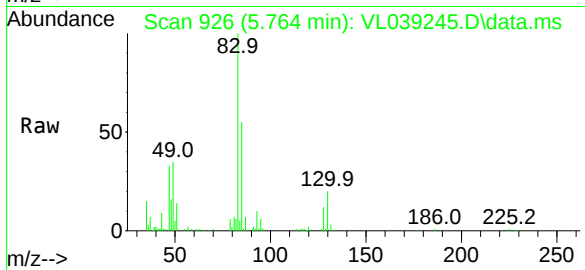
Tgt Ion: 73 Resp: 60141
Ion Ratio Lower Upper
73 100
57 25.2 18.6 27.8





#29
Chloroform
Concen: 0.582 ppbv m
RT: 5.764 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

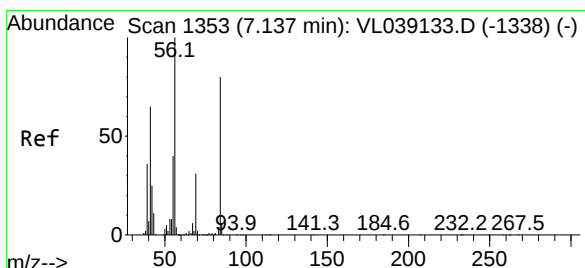
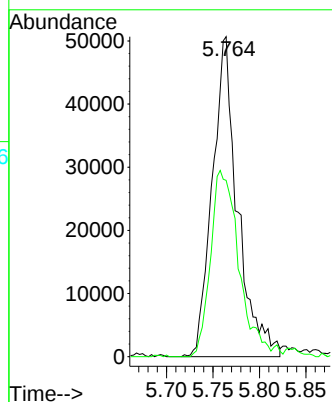
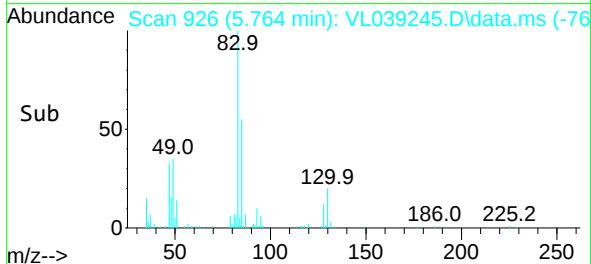
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 83 Resp: 9593
Ion Ratio Lower Upper
83 100
85 55.1 52.4 78.6

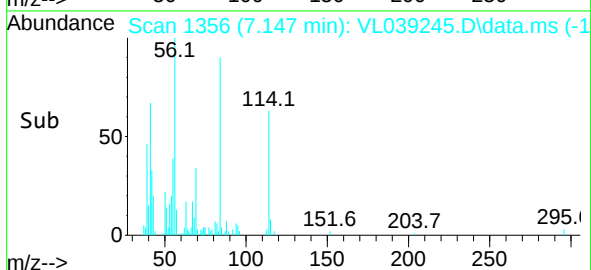
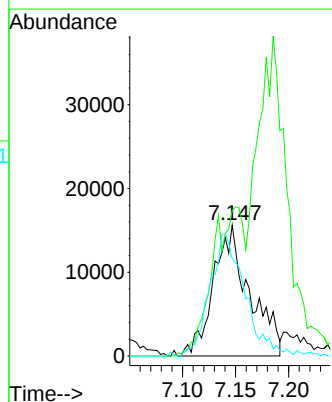
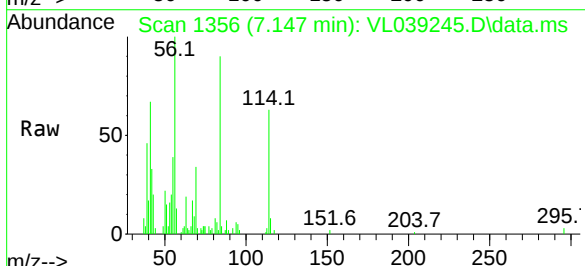
Manual Integrations
APPROVED

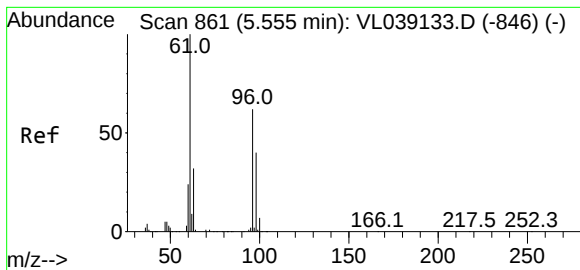
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#30
Cyclohexane
Concen: 0.452 ppbv m
RT: 7.147 min Scan# 1356
Delta R.T. 0.010 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion: 84 Resp: 37188
Ion Ratio Lower Upper
84 100
56 0.0 110.6 165.8#
41 91.3 68.9 103.3





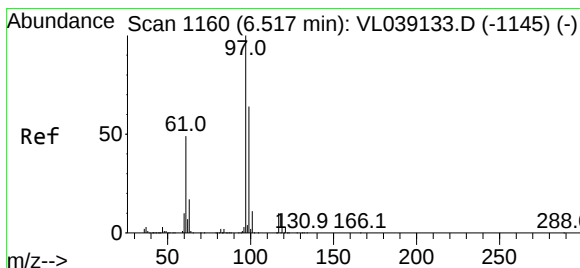
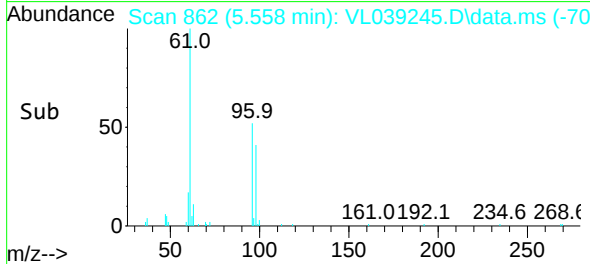
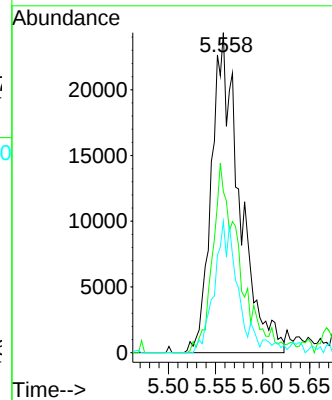
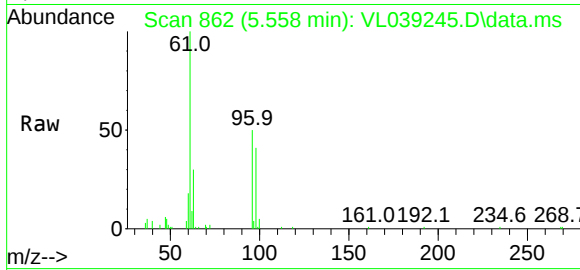
#31
cis-1,2-Dichloroethene
Concen: 0.510 ppbv m
RT: 5.558 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

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

Tgt Ion: 61 Resp: 5097
Ion Ratio Lower Upper
61 100
96 50.3 49.9 74.9
98 41.0 32.0 48.0

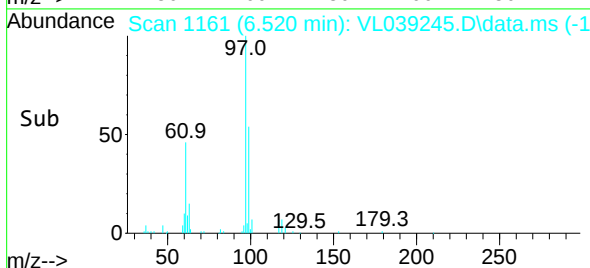
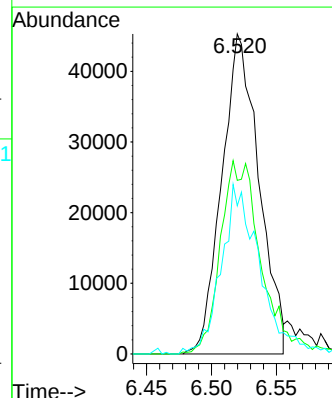
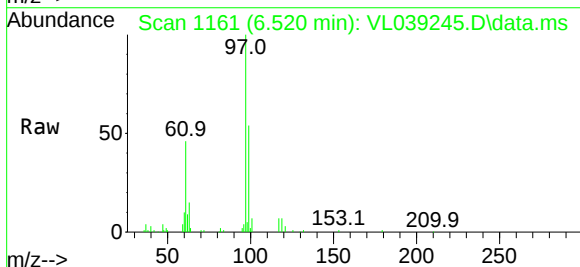
Manual Integrations
APPROVED

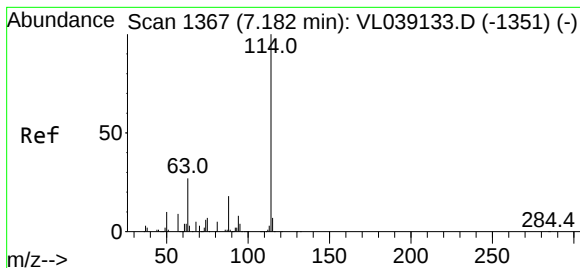
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#32
1,1,1-Trichloroethane
Concen: 0.558 ppbv
RT: 6.520 min Scan# 1161
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion: 97 Resp: 90115
Ion Ratio Lower Upper
97 100
99 66.6 52.1 78.1
61 55.0 40.0 60.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.182 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL039245.D

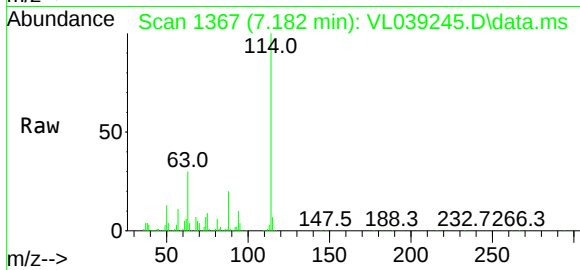
Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion:114 Resp: 220106

Ion Ratio Lower Upper

114 100

63 30.4 21.7 32.5

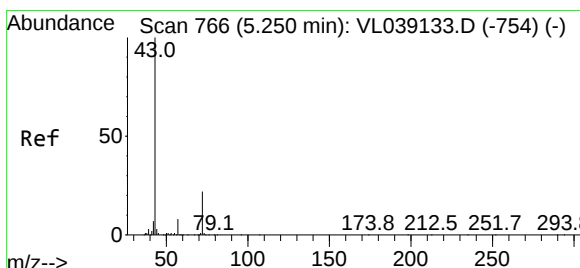
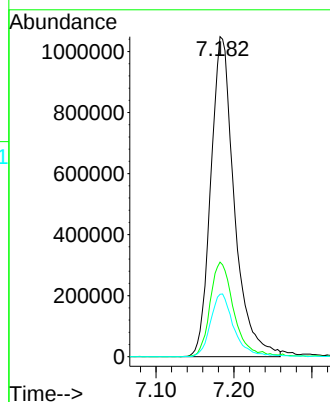
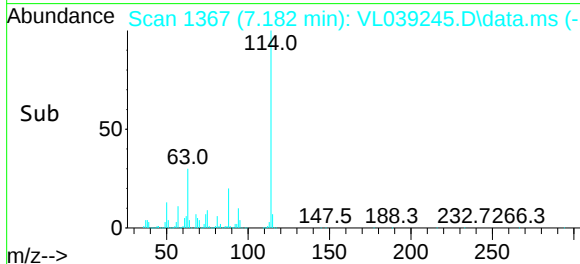
88 19.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#34

2-Butanone

Concen: 0.568 ppbv m

RT: 5.266 min Scan# 771

Delta R.T. 0.016 min

Lab File: VL039245.D

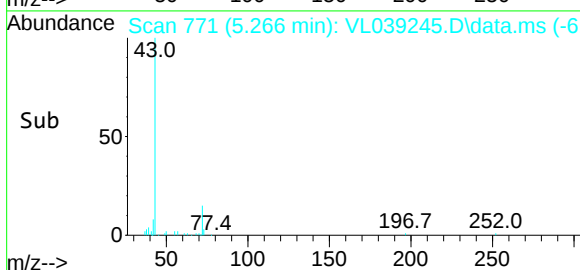
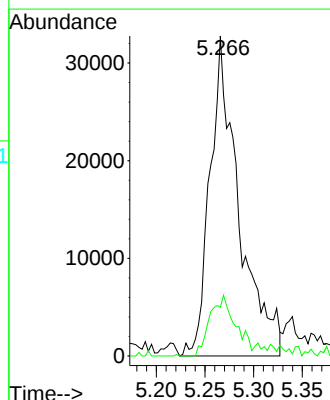
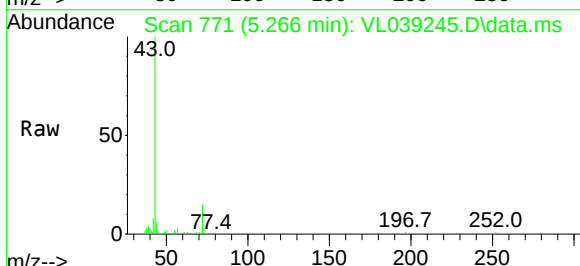
Acq: 8 Jun 2022 21:44

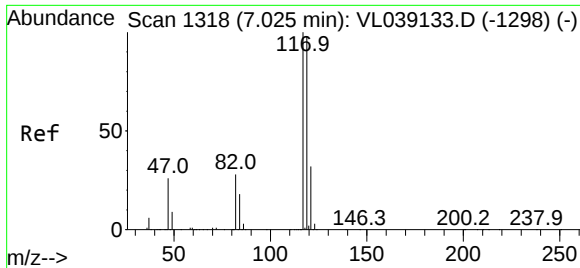
Tgt Ion: 43 Resp: 67882

Ion Ratio Lower Upper

43 100

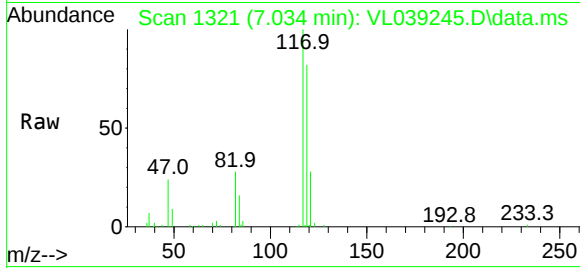
72 17.6 18.2 27.2#





#35
Carbon Tetrachloride
Concen: 0.616 ppbv m
RT: 7.034 min Scan# 117
Delta R.T. 0.010 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

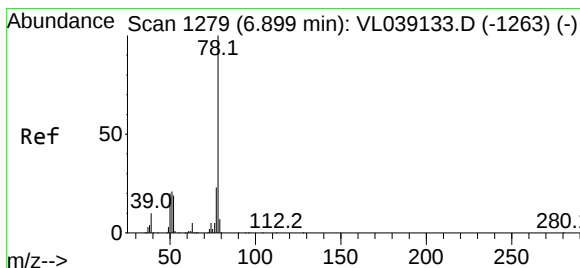
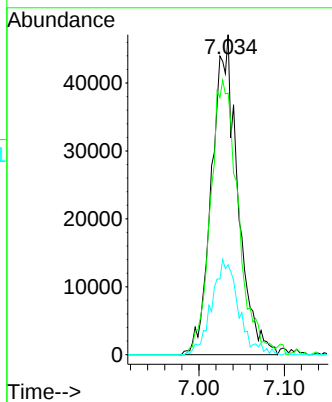
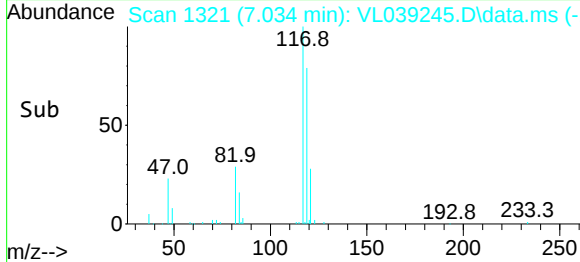
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



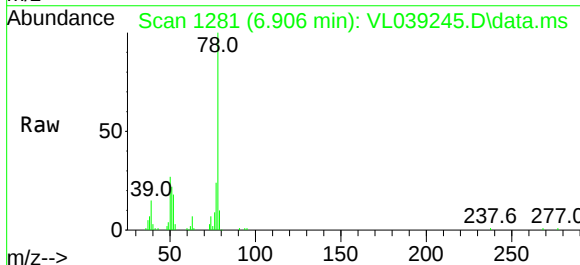
Tgt Ion:117 Resp: 99025
Ion Ratio Lower Upper
117 100
119 81.7 78.6 118.0
121 28.1 25.4 38.0

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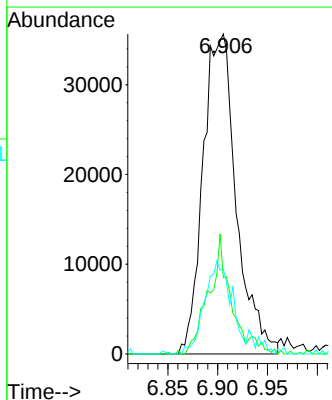
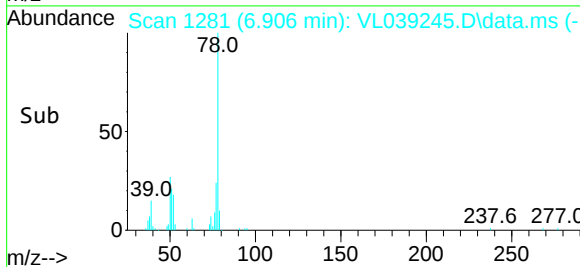
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

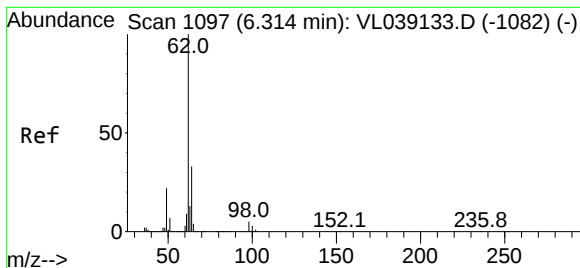


#36
Benzene
Concen: 0.462 ppbv m
RT: 6.906 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



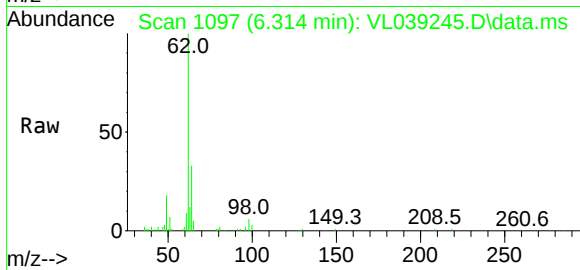
Tgt Ion: 78 Resp: 82584
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8
50 26.6 15.8 23.8#





#37
1,2-Dichloroethane
Concen: 0.653 ppbv m
RT: 6.314 min Scan# 1097
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

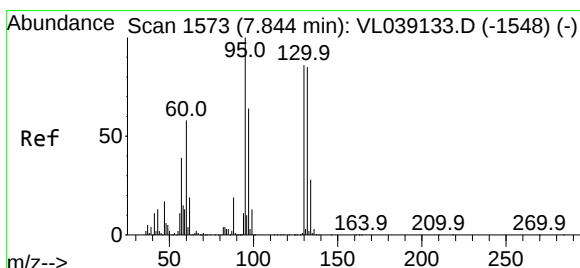
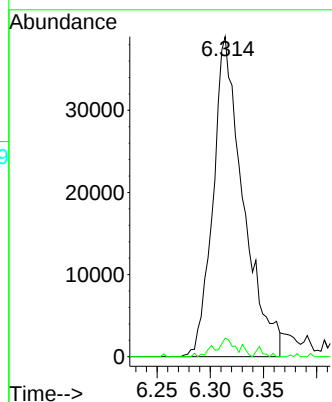
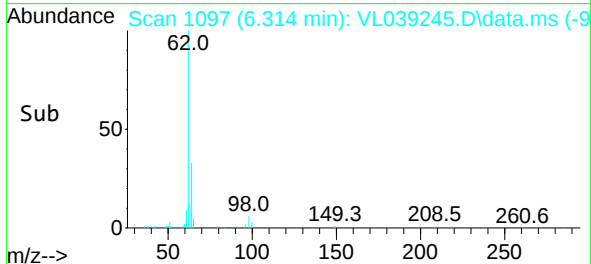
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 62 Resp: 7684
Ion Ratio Lower Upper
62 100
98 4.8 4.3 6.5

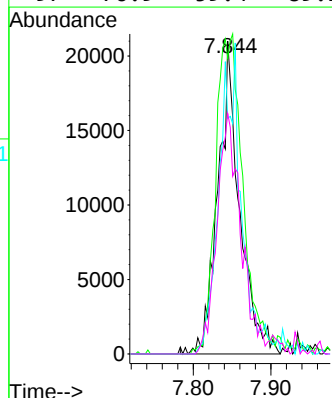
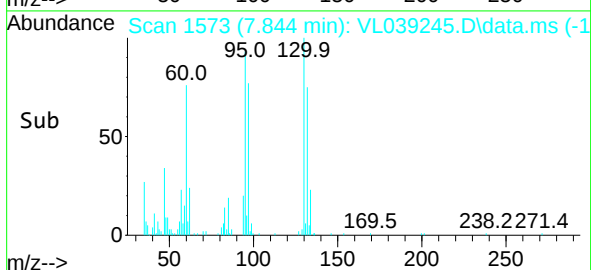
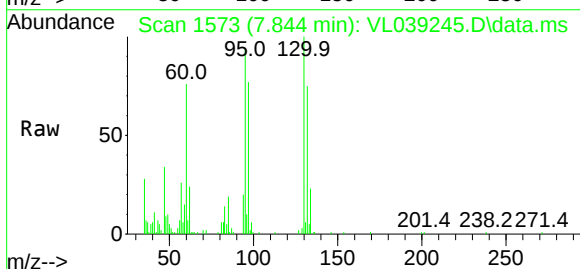
Manual Integrations
APPROVED

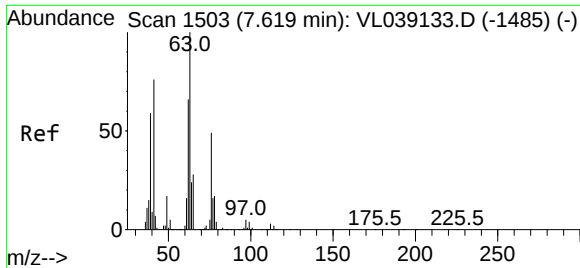
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#38
Trichloroethene
Concen: 0.494 ppbv m
RT: 7.844 min Scan# 1573
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

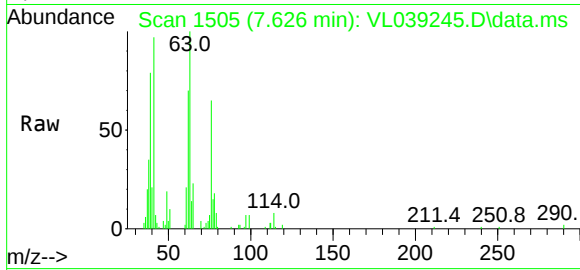
Tgt Ion:130 Resp: 40572
Ion Ratio Lower Upper
130 100
95 94.5 93.3 139.9
132 75.3 79.0 118.4#
97 76.9 59.4 89.2





#39
1,2-Dichloropropane
Concen: 0.444 ppbv
RT: 7.626 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

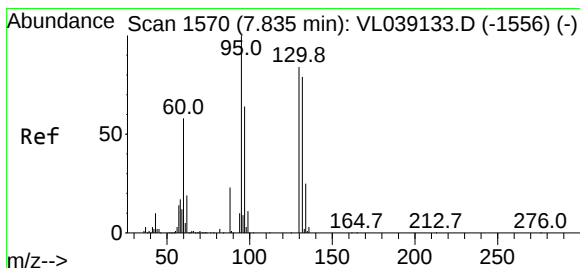
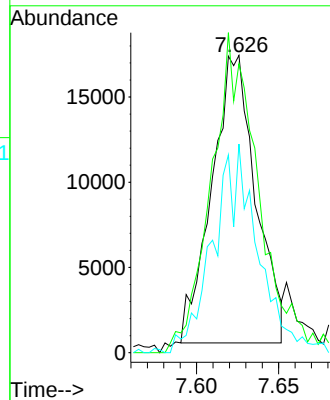
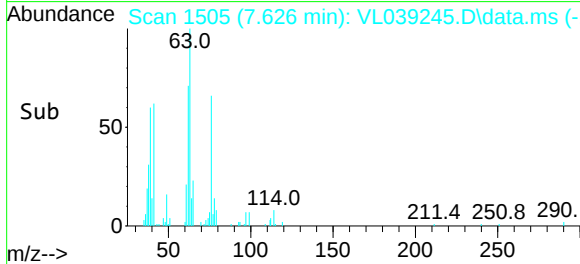
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 63 Resp: 3155
Ion Ratio Lower Upper
63 100
41 97.4 60.8 91.2
62 70.6 52.9 79.3

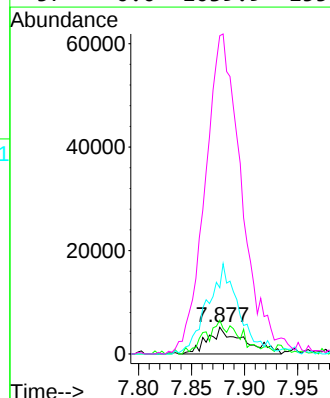
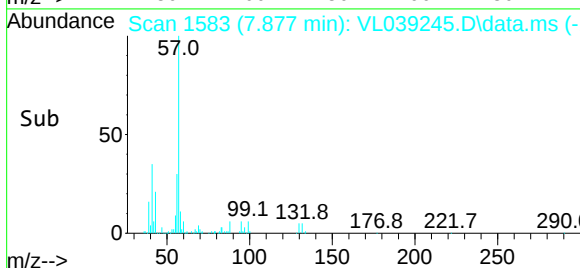
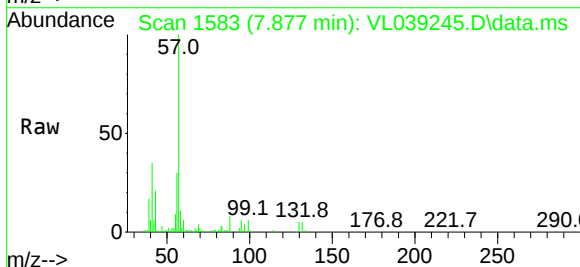
Manual Integrations
APPROVED

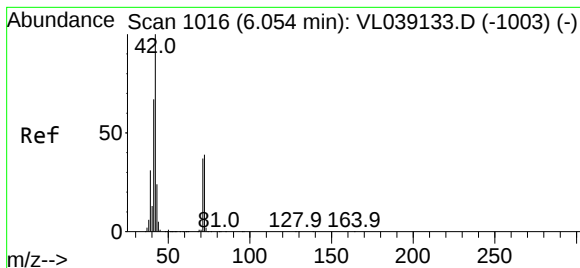
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#40
1,4-Dioxane
Concen: 0.515 ppbv m
RT: 7.877 min Scan# 1583
Delta R.T. 0.042 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

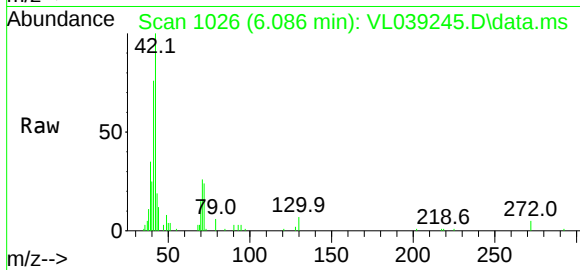
Tgt Ion: 88 Resp: 12045
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 0.439 ppbv m
RT: 6.086 min Scan# 1016
Delta R.T. 0.032 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

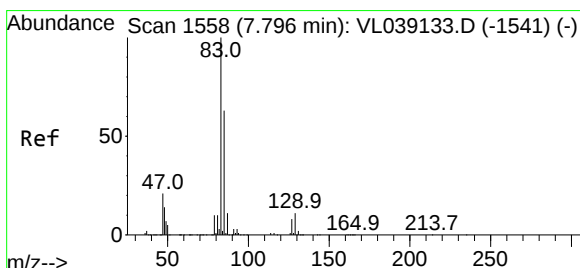
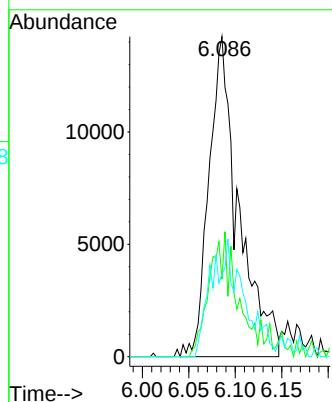
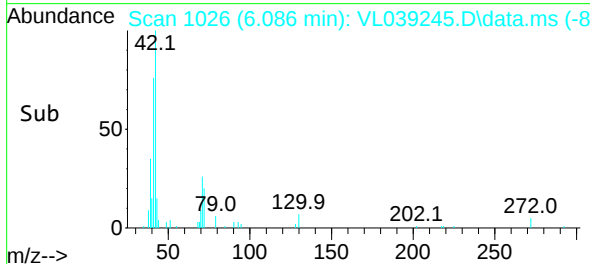
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 42 Resp: 31586
Ion Ratio Lower Upper
42 100
72 38.1 32.0 48.0
71 43.8 31.1 46.7

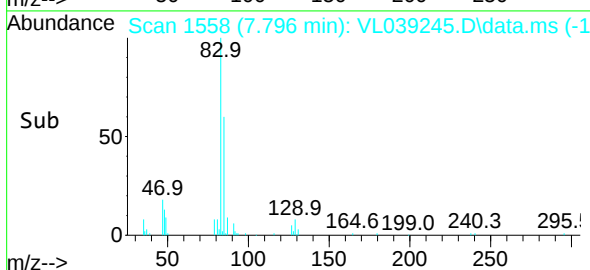
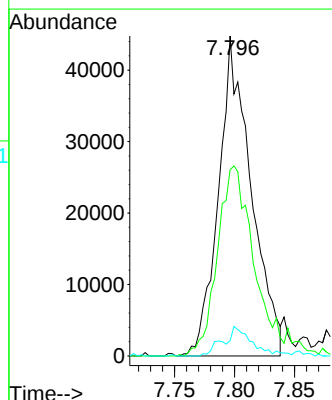
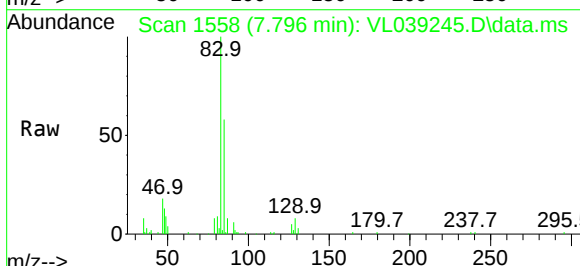
Manual Integrations
APPROVED

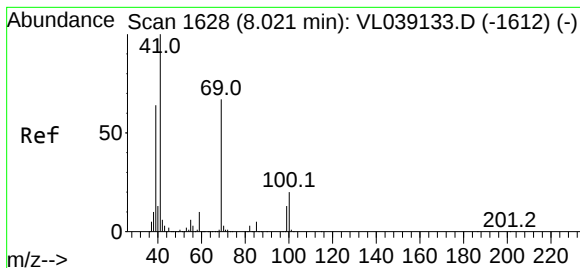
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
Bromodichloromethane
Concen: 0.519 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion: 83 Resp: 84717
Ion Ratio Lower Upper
83 100
85 57.7 50.2 75.4
127 4.7 6.6 9.8#





#43

Methyl Methacrylate

Concen: 0.430 ppbv

RT: 8.031 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

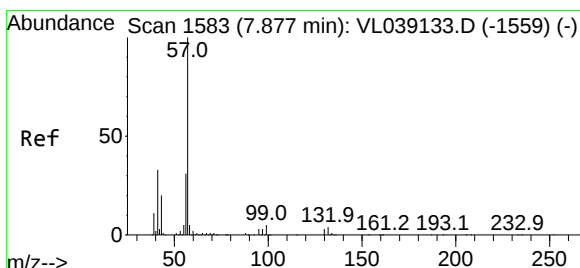
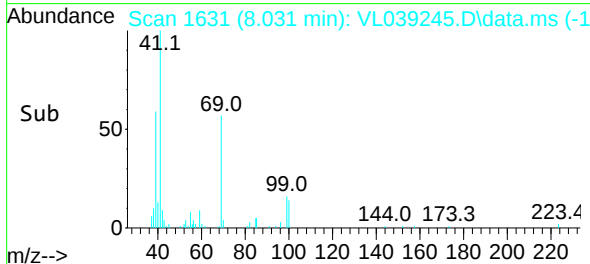
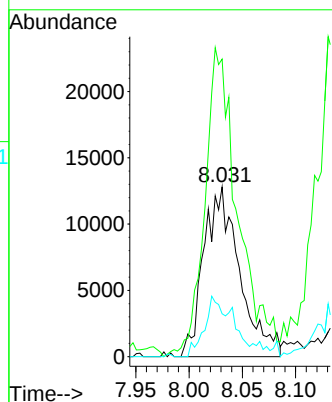
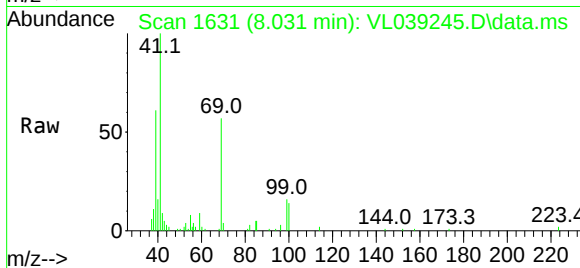
LOQ-AIR-02-QT2-2022

Tgt Ion: 69	Resp: 2994
Ion Ratio	Lower Upper
69	100
41	169.9 121.9 182.9
100	32.2 24.1 36.1

Manual Integrations

APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 0.448 ppbv

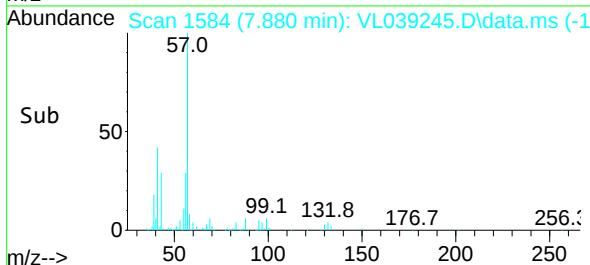
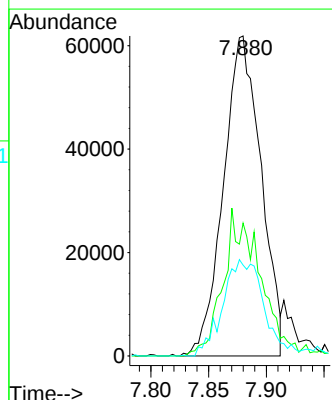
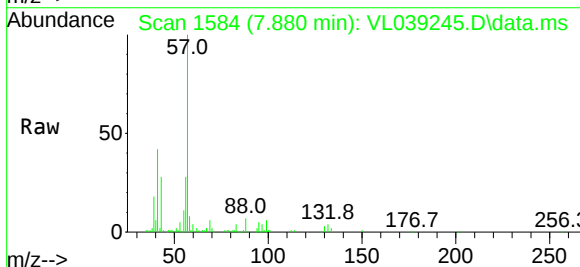
RT: 7.880 min Scan# 1584

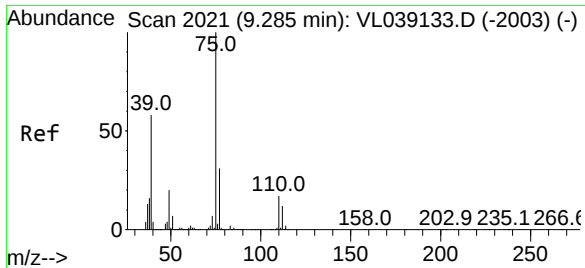
Delta R.T. 0.003 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion: 57	Resp: 139949
Ion Ratio	Lower Upper
57	100
41	46.2 26.2 39.4
56	34.3 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 0.405 ppbv m

RT: 9.285 min Scan# 20

Delta R.T. -0.000 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion: 75 Resp: 2938

Ion Ratio Lower Upper

75 100

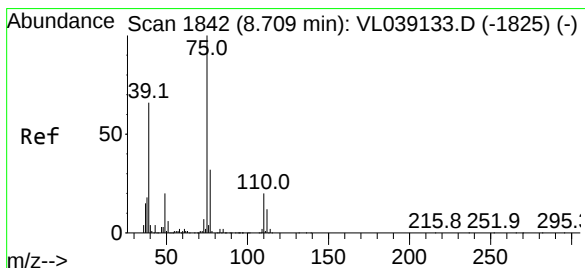
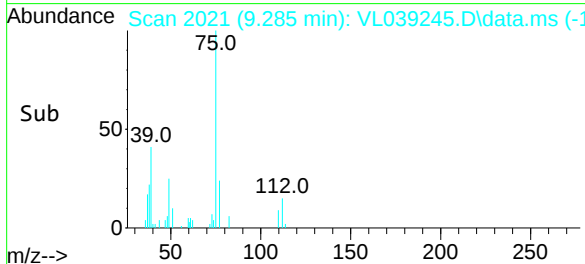
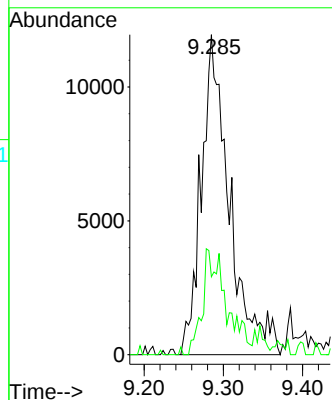
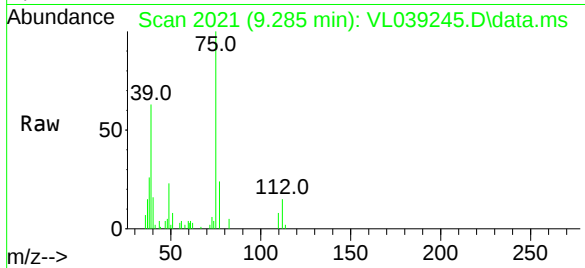
77 24.4 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#46

cis-1,3-Dichloropropene

Concen: 0.424 ppbv m

RT: 8.713 min Scan# 1843

Delta R.T. 0.003 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

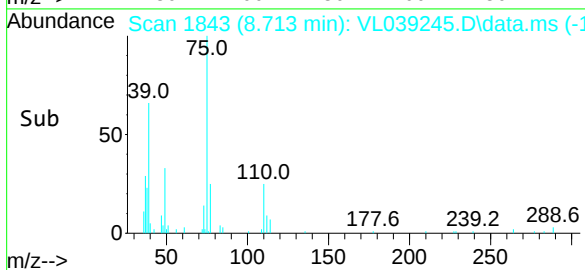
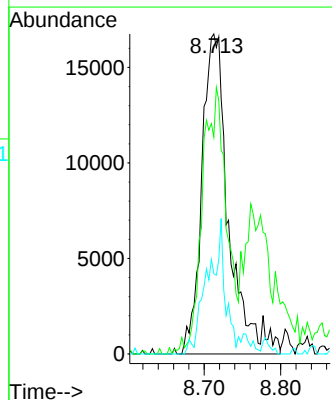
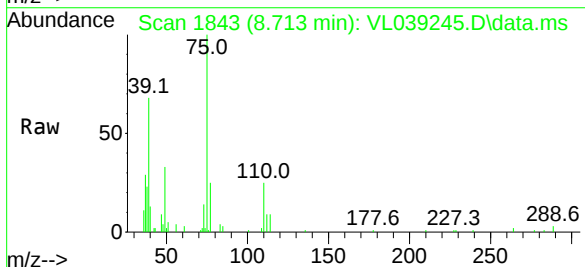
Tgt Ion: 75 Resp: 40592

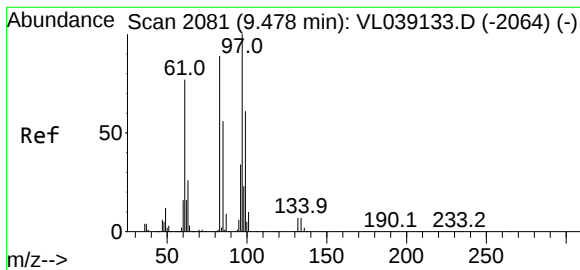
Ion Ratio Lower Upper

75 100

39 67.8 52.4 78.6

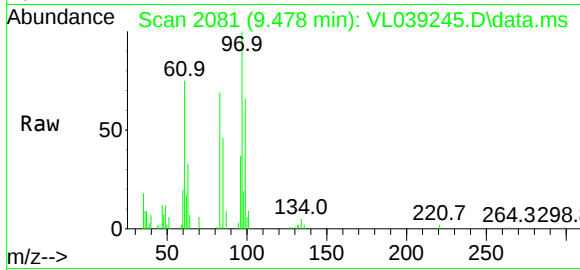
77 25.1 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 0.482 ppbv
RT: 9.478 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

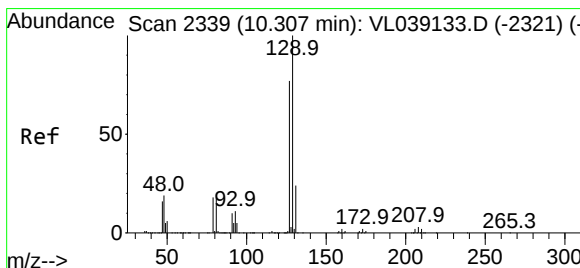
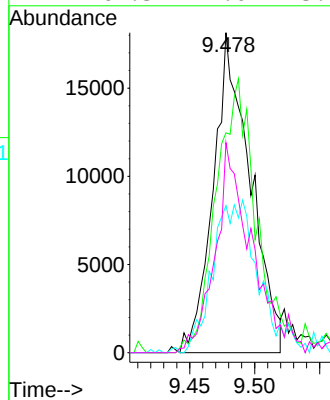
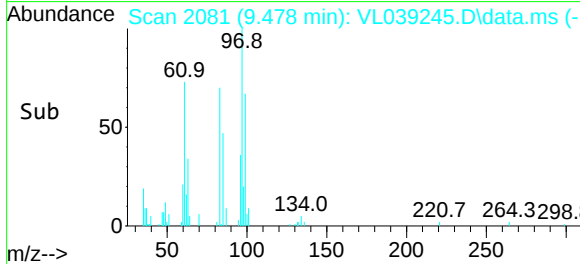
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



Tgt Ion: 97 Resp: 3571
Ion Ratio Lower Upper
97 100
83 67.1 71.6 107.4
85 45.9 44.8 67.2
99 64.3 49.0 73.4

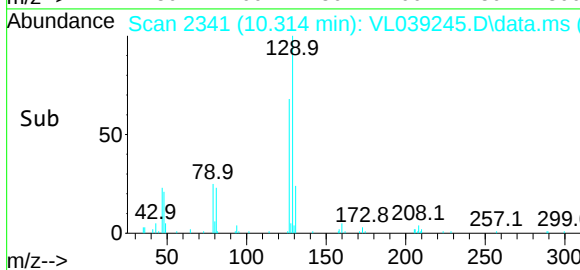
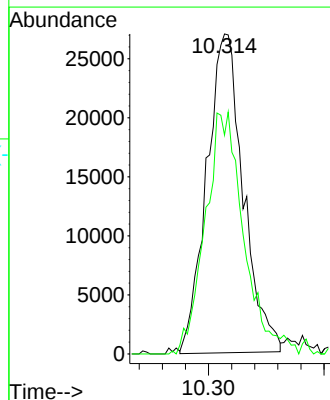
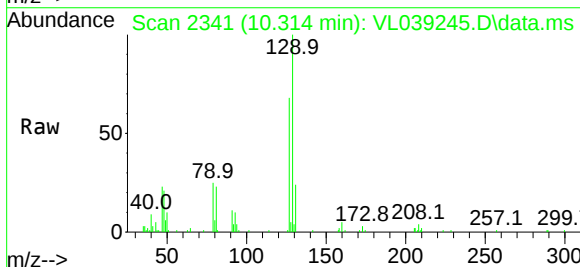
Manual Integrations
APPROVED

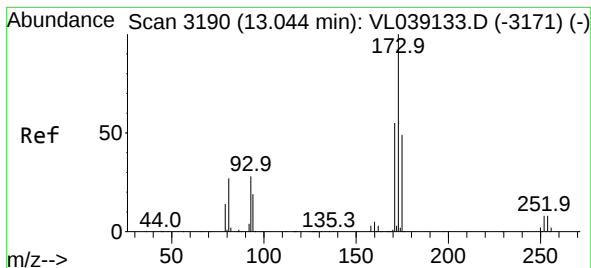
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#48
Dibromochloromethane
Concen: 0.449 ppbv
RT: 10.314 min Scan# 2341
Delta R.T. 0.006 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion:129 Resp: 59473
Ion Ratio Lower Upper
129 100
127 81.7 40.0 119.9





#49

Bromoform

Concen: 0.430 ppbv m

RT: 13.047 min Scan# 3190

Delta R.T. 0.003 min

Lab File: VL039245.D

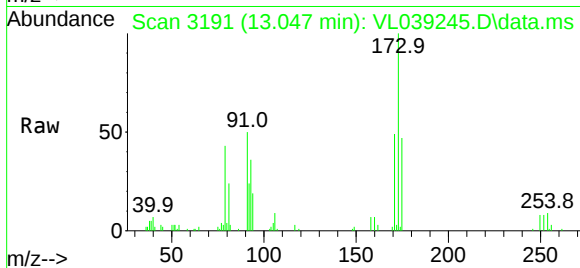
Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

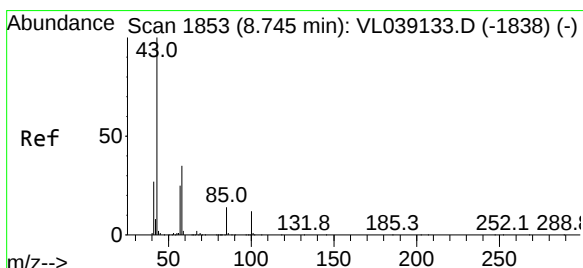
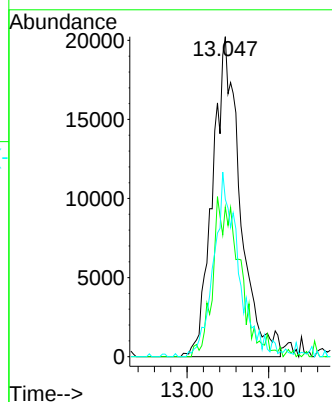
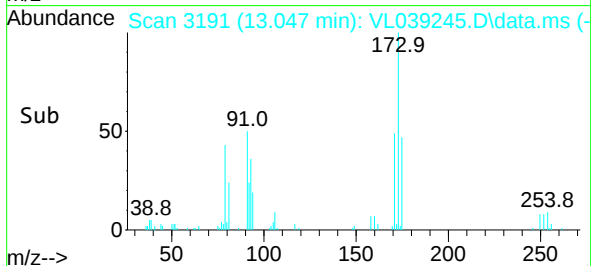


Tgt Ion:	173	Resp:	4748
Ion	Ratio	Lower	Upper
173	100		
175	0.0	40.2	60.2
171	51.9	43.9	65.9

Manual Integrations

APPROVED

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



#50

4-Methyl-2-Pentanone

Concen: 0.455 ppbv m

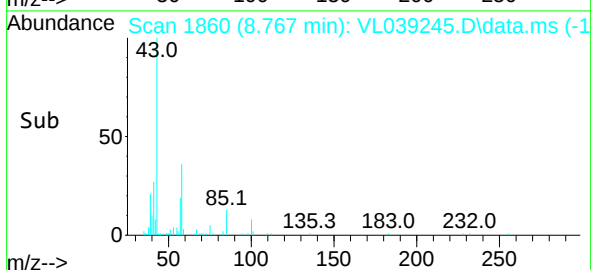
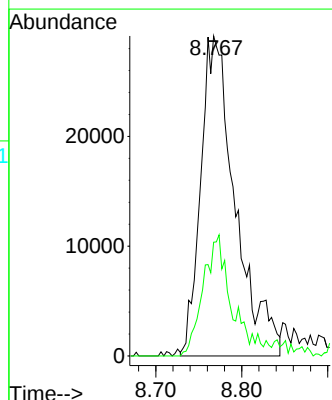
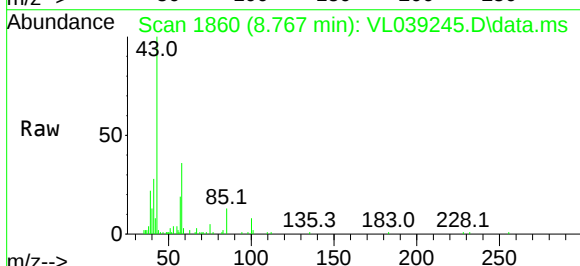
RT: 8.767 min Scan# 1860

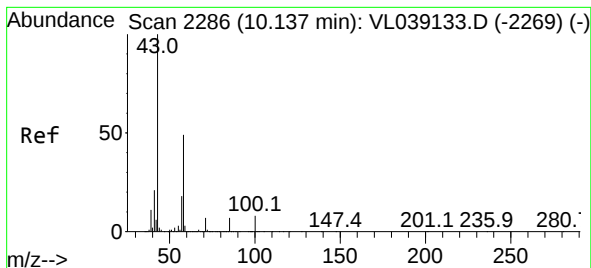
Delta R.T. 0.023 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion:	43	Resp:	81524
Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.7	43.1





#51

2-Hexanone

Concen: 0.399 ppbv m

RT: 10.166 min Scan# 2286

Delta R.T. 0.029 min

Lab File: VL039245.D

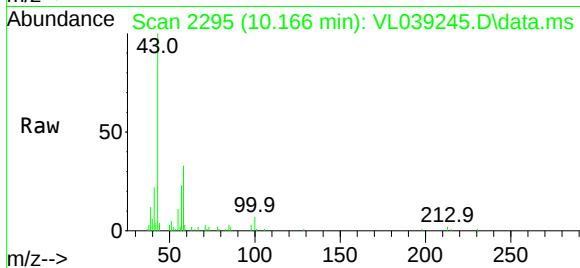
Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

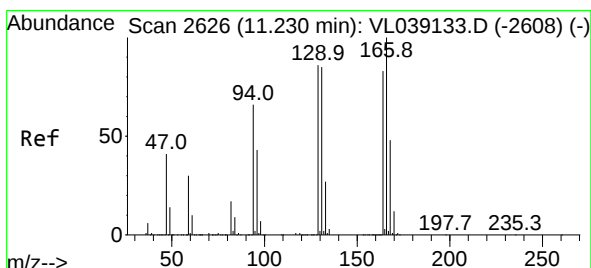
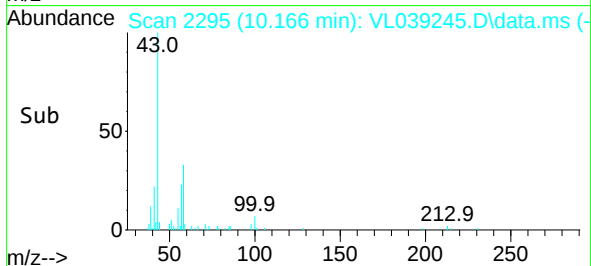
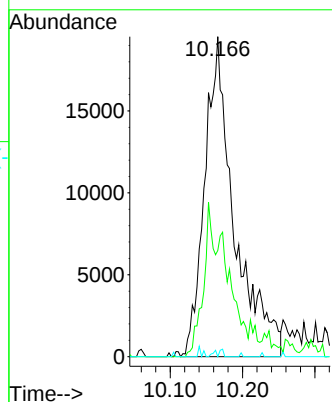


Tgt Ion: 43	Resp: 5555
Ion Ratio	Lower Upper
43	100
58	44.9 40.0 60.0
98	0.9 0.1 0.1

Manual Integrations

APPROVED

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



#52

Tetrachloroethene

Concen: 0.439 ppbv m

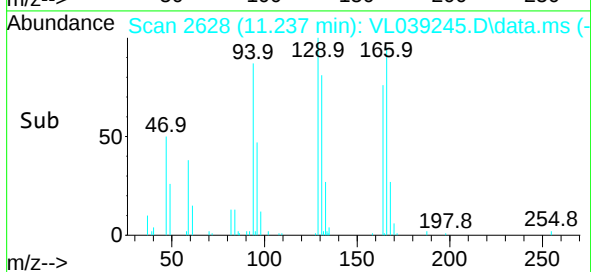
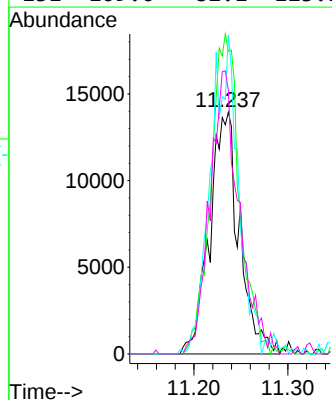
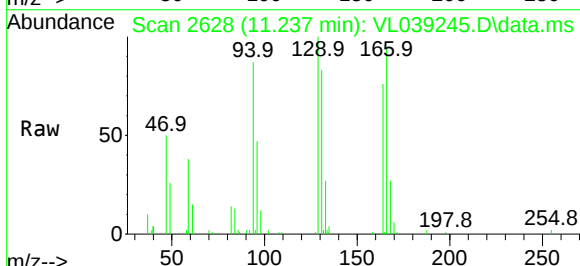
RT: 11.237 min Scan# 2628

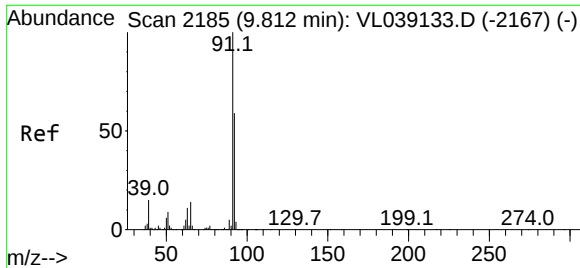
Delta R.T. 0.006 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

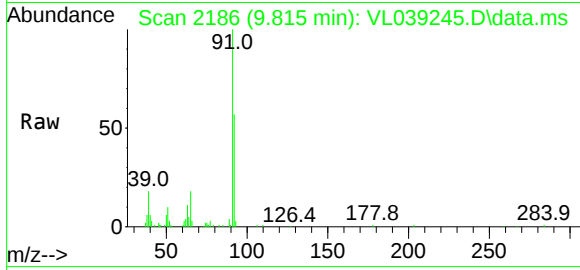
Tgt Ion:164	Resp: 30652
Ion Ratio	Lower Upper
164	100
166	125.1 96.3 144.5
129	131.7 82.5 123.7#
131	109.0 82.1 123.1





#53
Toluene
Concen: 0.427 ppbv m
RT: 9.815 min Scan# 2186
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

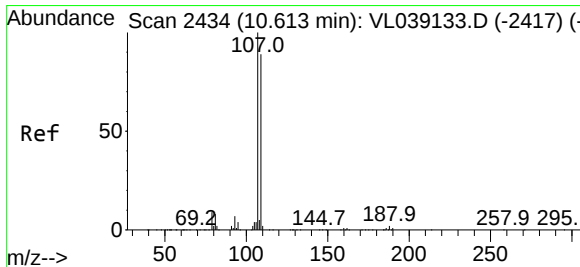
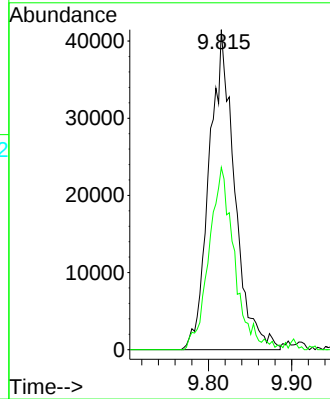
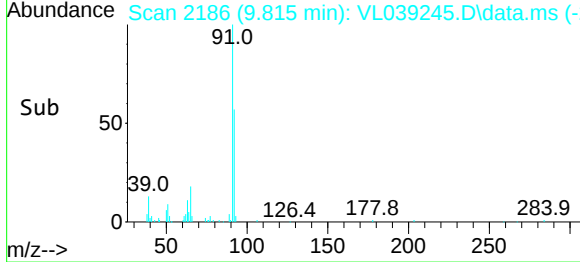
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



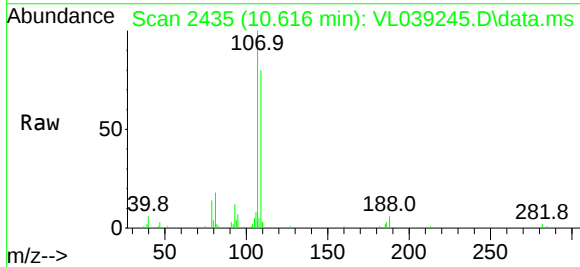
Tgt Ion: 91 Resp: 87930
Ion Ratio Lower Upper
91 100
92 57.3 48.1 72.1

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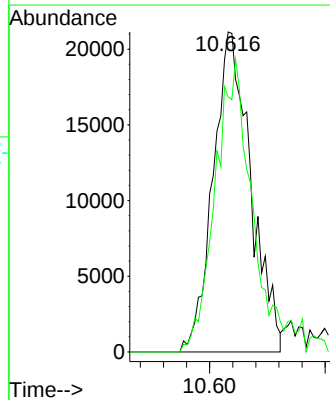
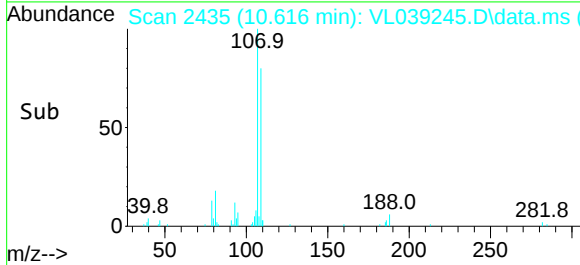
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

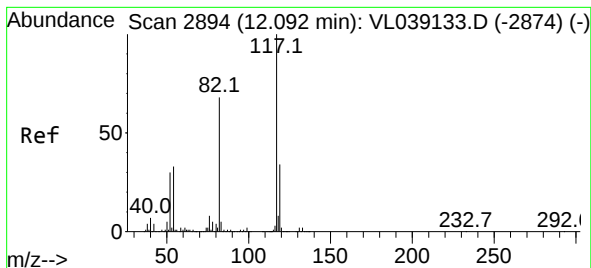


#54
1,2-Dibromoethane
Concen: 0.479 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



Tgt Ion:107 Resp: 47690
Ion Ratio Lower Upper
107 100
109 79.7 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 2894

Delta R.T. -0.000 min

Lab File: VL039245.D

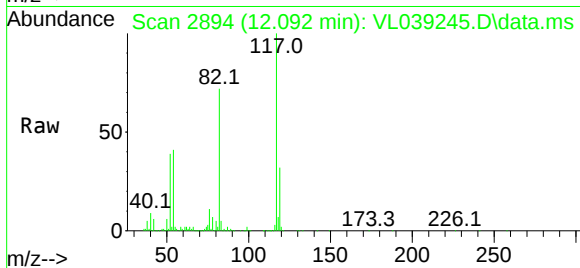
Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



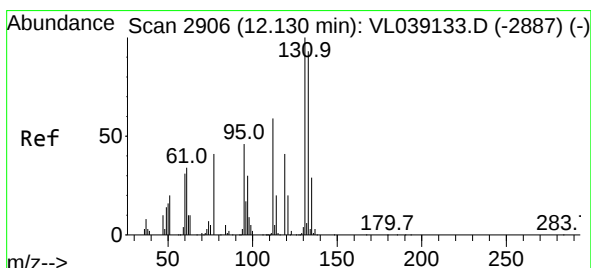
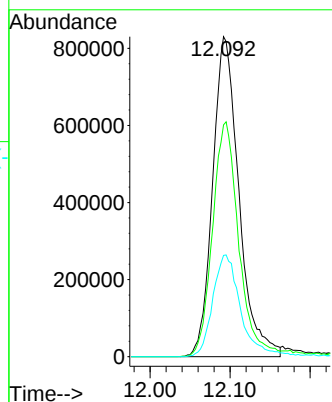
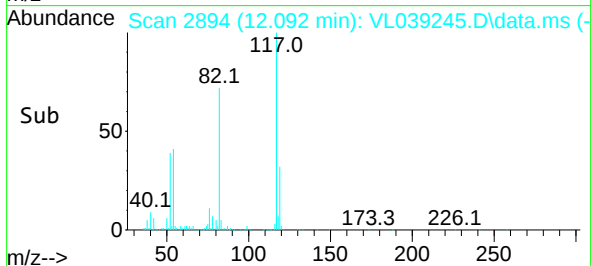
Tgt Ion:117 Resp: 189478

Ion	Ratio	Lower	Upper
117	100		
82	75.5	55.1	82.7
119	34.6	24.7	37.1

Manual Integrations

APPROVED

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



#56

1,1,1,2-Tetrachloroethane

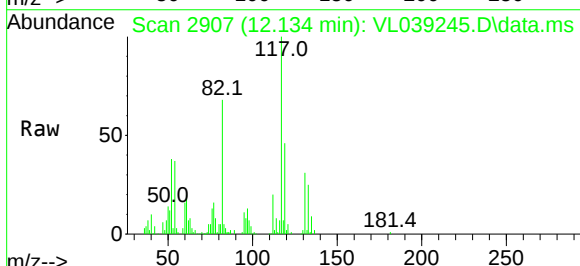
Concen: 0.559 ppbv m

RT: 12.134 min Scan# 2907

Delta R.T. 0.003 min

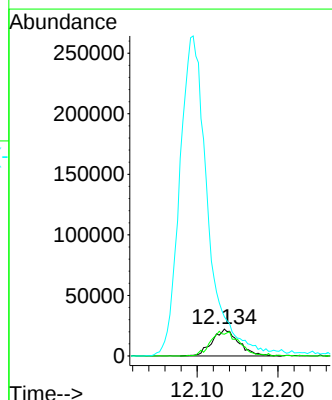
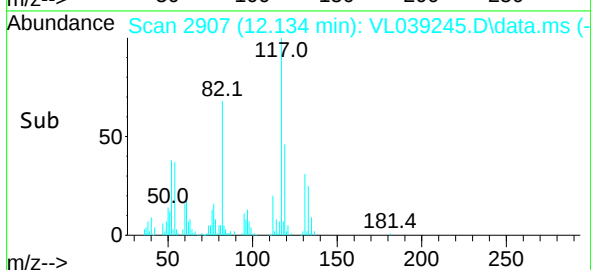
Lab File: VL039245.D

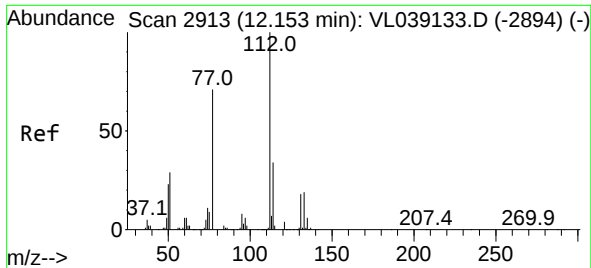
Acq: 8 Jun 2022 21:44



Tgt Ion:131 Resp: 50131

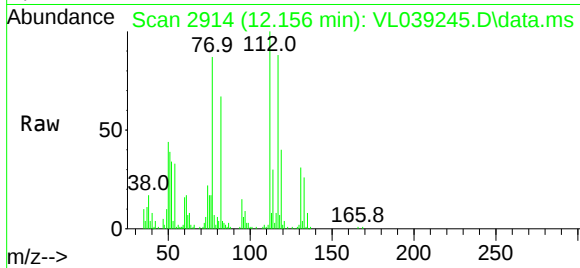
Ion	Ratio	Lower	Upper
131	100		
133	99.7	78.6	117.8
119	1306.2	51.7	77.5#





#57
Chlorobenzene
Concen: 0.522 ppbv
RT: 12.156 min Scan# 2914
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

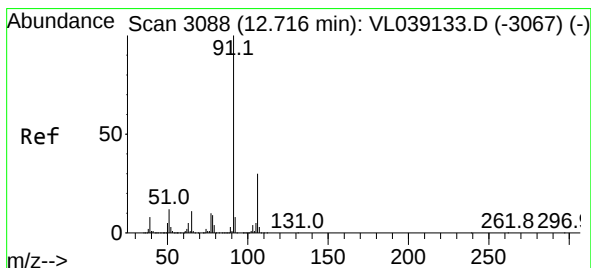
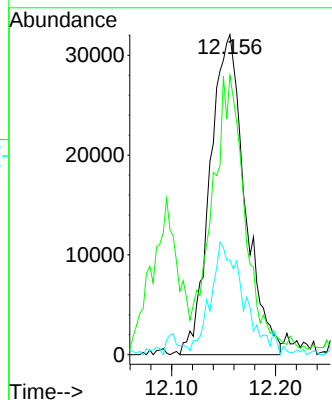
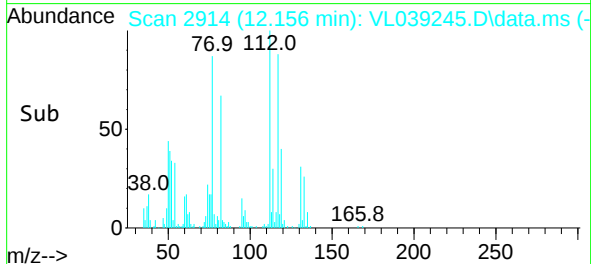
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



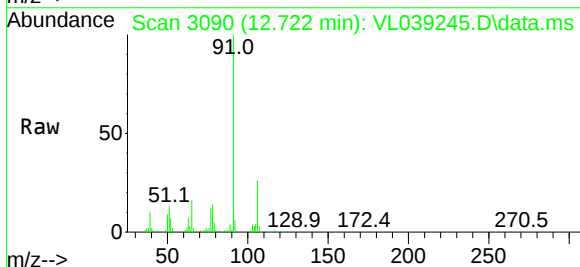
Tgt Ion:112 Resp: 74420
Ion Ratio Lower Upper
112 100
77 83.7 56.5 84.7
114 30.0 30.3 37.1

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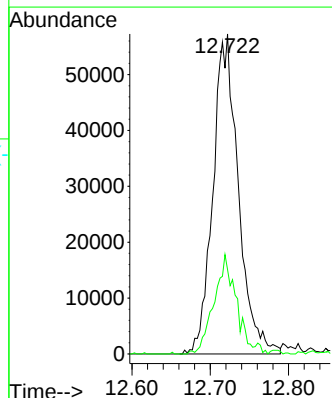
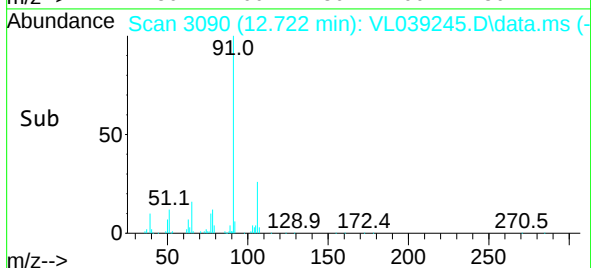
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

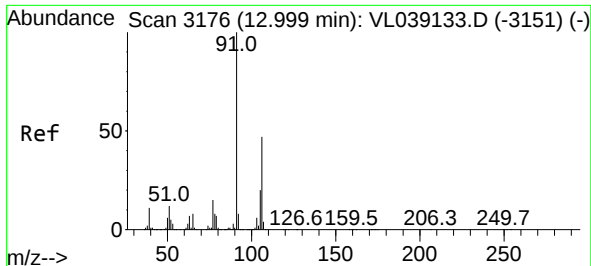


#58
Ethyl Benzene
Concen: 0.493 ppbv m
RT: 12.722 min Scan# 3090
Delta R.T. 0.006 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



Tgt Ion: 91 Resp: 128718
Ion Ratio Lower Upper
91 100
106 26.4 24.2 36.4





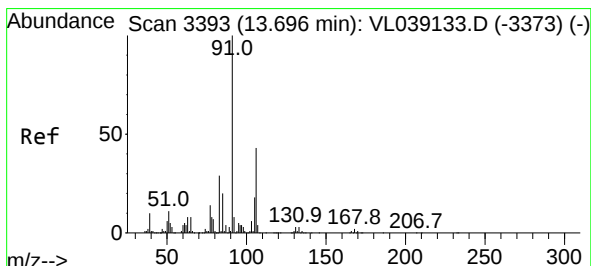
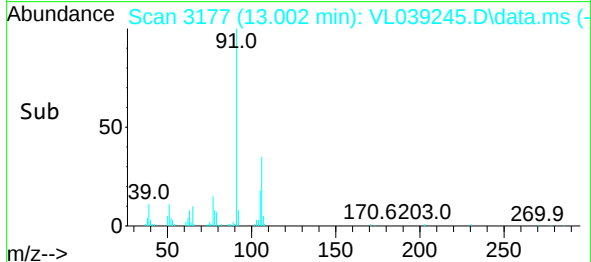
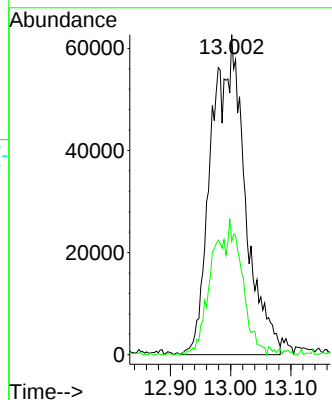
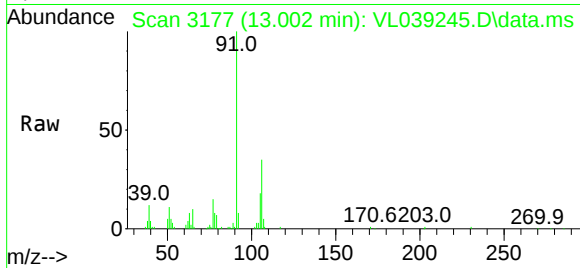
#59
m/p-Xylene
Concen: 1.060 ppbv m
RT: 13.002 min Scan# 3176
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

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

Tgt Ion: 91 Resp: 24361
Ion Ratio Lower Upper
91 100
106 37.7 34.3 51.5

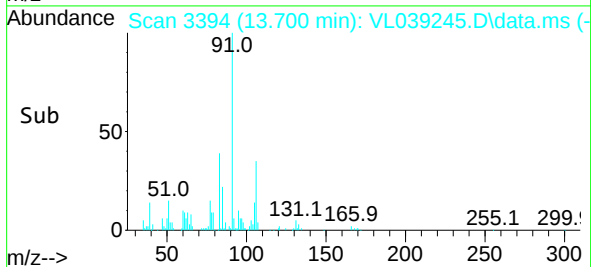
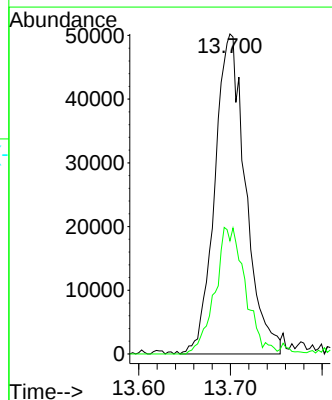
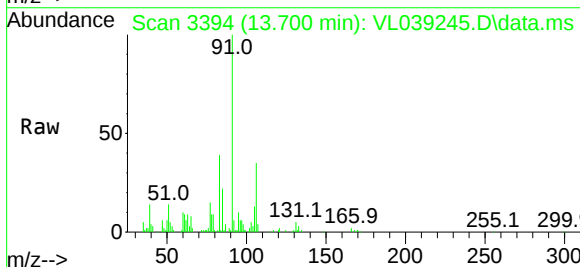
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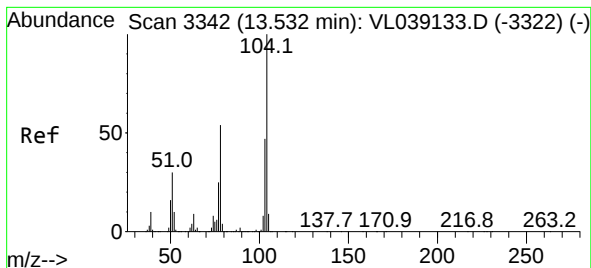
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#60
o-Xylene
Concen: 0.543 ppbv
RT: 13.700 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion: 91 Resp: 117197
Ion Ratio Lower Upper
91 100
106 40.1 22.3 66.9





#61

Styrene

Concen: 0.443 ppbv m

RT: 13.536 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

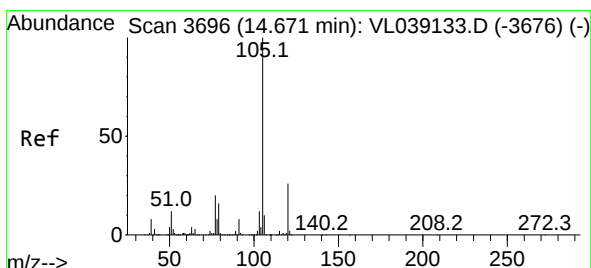
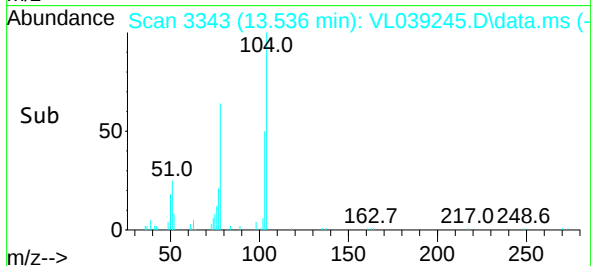
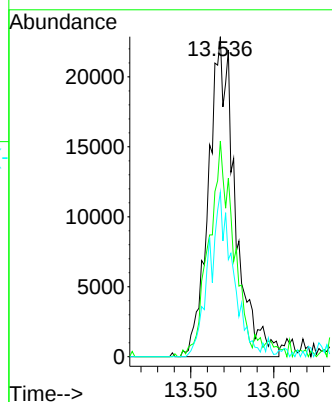
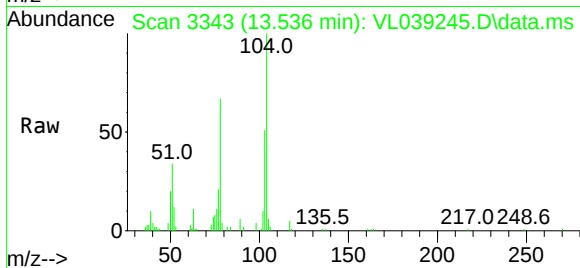
LOQ-AIR-02-QT2-2022

Tgt Ion:104	Resp:	51264
Ion Ratio	Lower	Upper
104	100	
78	65.0	45.7 68.5
103	46.8	39.6 59.4

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



#62

Isopropylbenzene

Concen: 0.537 ppbv m

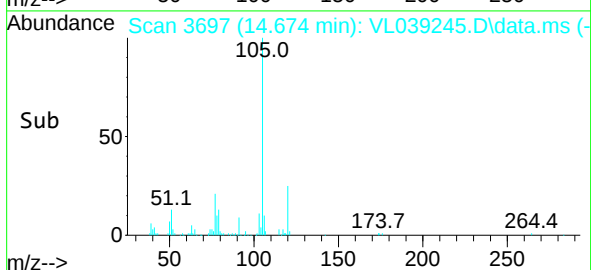
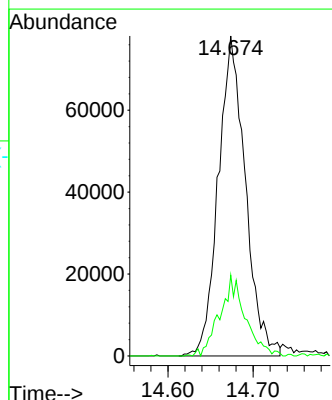
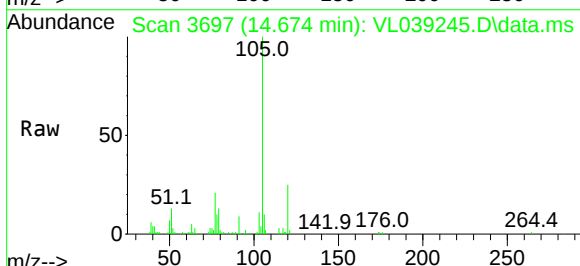
RT: 14.674 min Scan# 3697

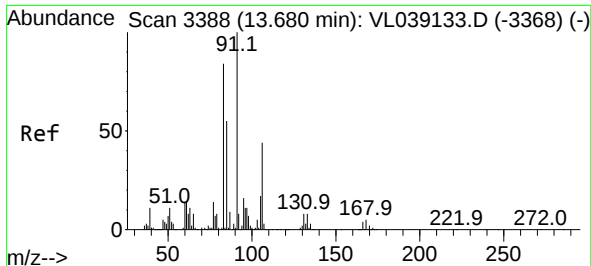
Delta R.T. 0.003 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

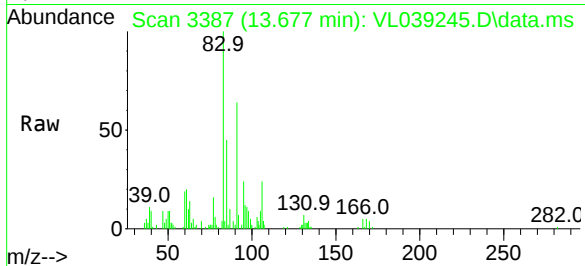
Tgt Ion:105	Resp:	172405
Ion Ratio	Lower	Upper
105	100	
120	23.8	20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 0.524 ppbv m
RT: 13.677 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

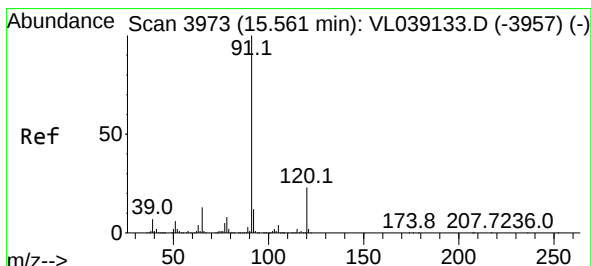
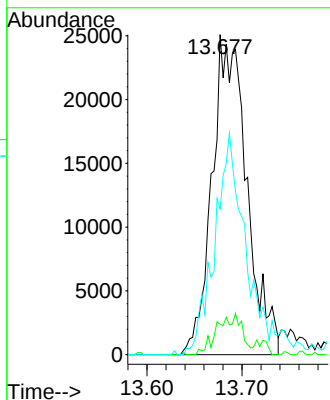
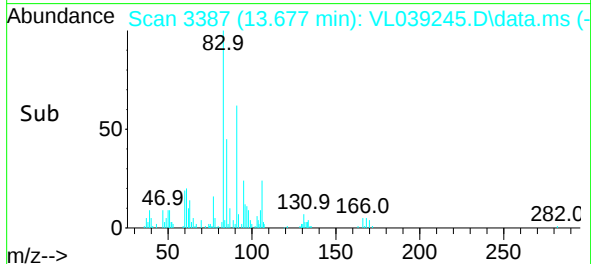
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



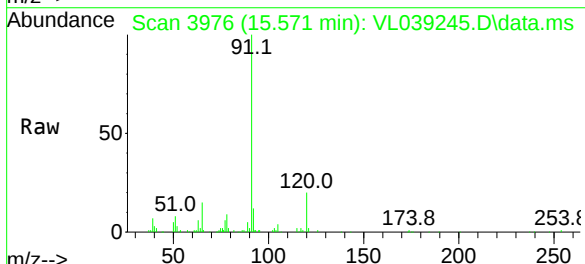
Tgt Ion: 83 Resp: 6352
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3
85 0.0 33.0 99.0

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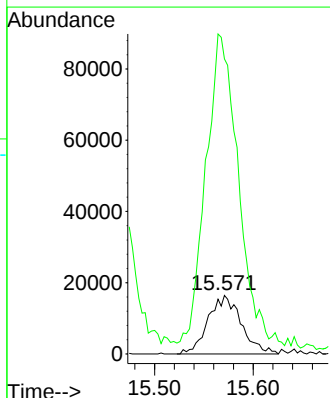
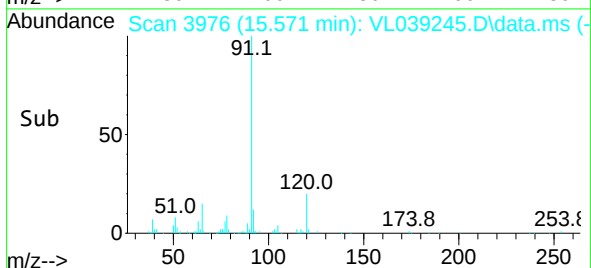
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

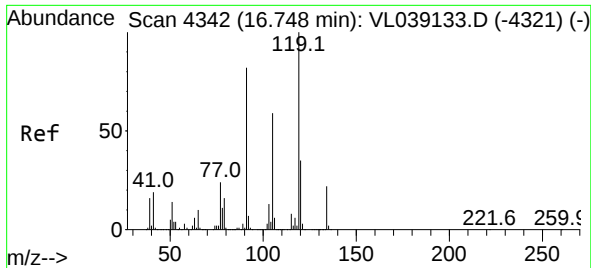


#64
n-propylbenzene
Concen: 0.484 ppbv m
RT: 15.571 min Scan# 3976
Delta R.T. 0.010 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



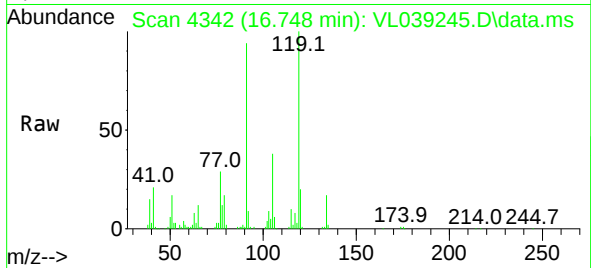
Tgt Ion:120 Resp: 38187
Ion Ratio Lower Upper
120 100
91 588.8 388.4 582.6





#65
tert-Butylbenzene
Concen: 0.503 ppbv m
RT: 16.748 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

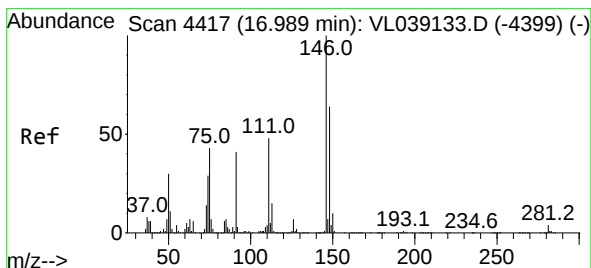
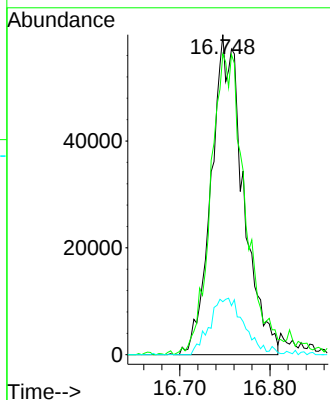
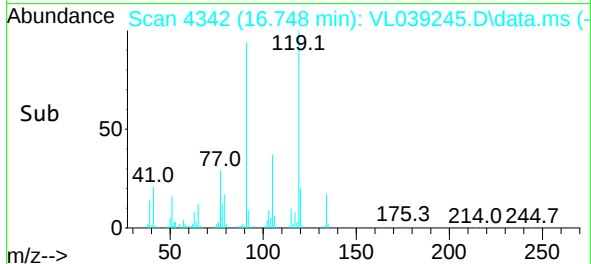
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



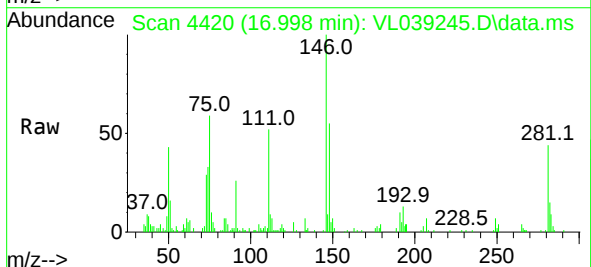
Tgt Ion: 119 Resp: 14773
Ion Ratio Lower Upper
119 100
91 105.6 67.1 100.7
134 0.0 15.8 23.8

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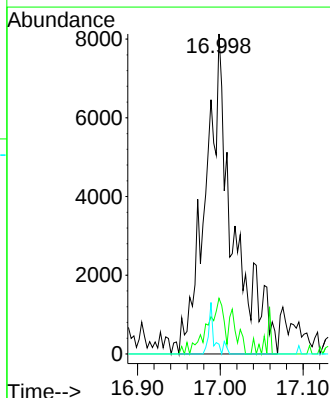
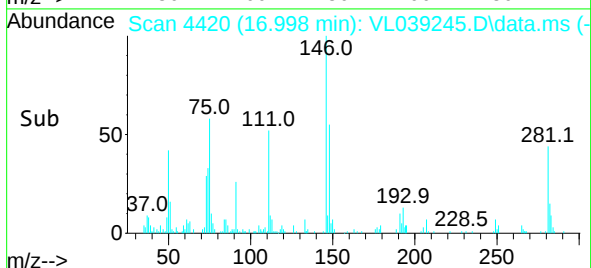
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

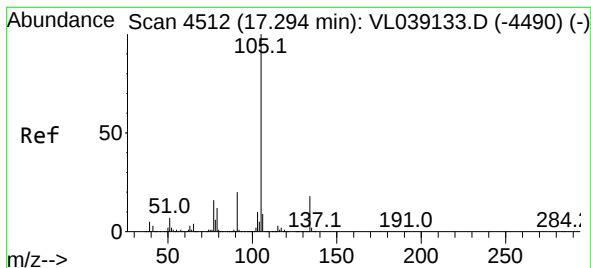


#66
Benzyl Chloride
Concen: 0.493 ppbv m
RT: 16.998 min Scan# 4420
Delta R.T. 0.010 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



Tgt Ion: 91 Resp: 18821
Ion Ratio Lower Upper
91 100
126 0.0 13.4 20.0#
128 3.2 4.1 6.1#





#67

sec-Butylbenzene

Concen: 0.514 ppbv

RT: 17.301 min Scan# 4512

Delta R.T. 0.006 min

Lab File: VL039245.D

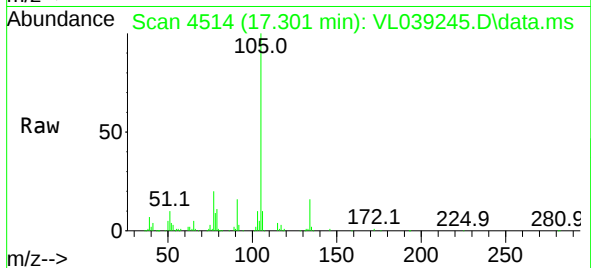
Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion:105 Resp: 20580

Ion Ratio Lower Upper

105 100

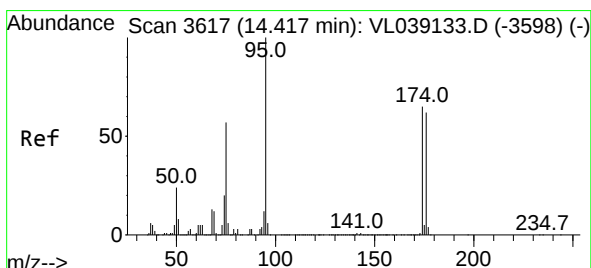
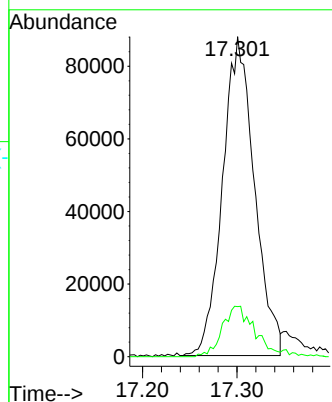
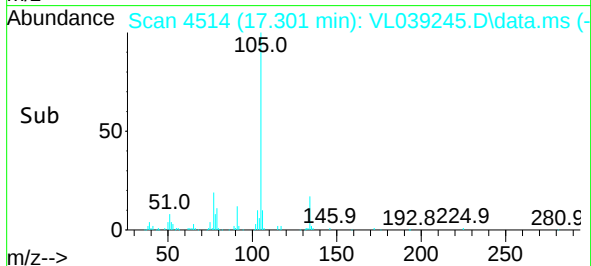
134 16.8 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 11.086 ppbv

RT: 14.420 min Scan# 3618

Delta R.T. 0.003 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

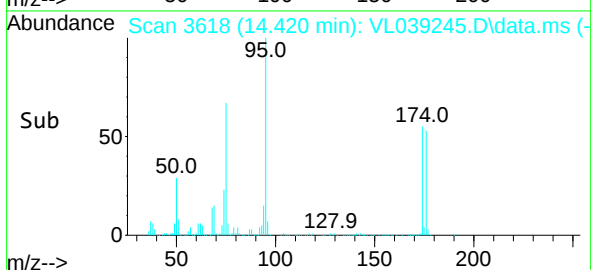
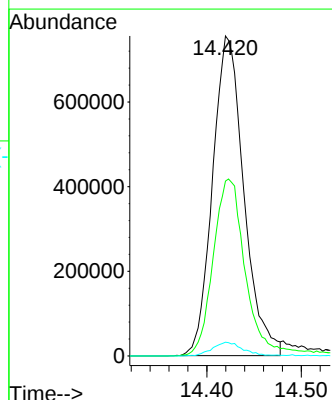
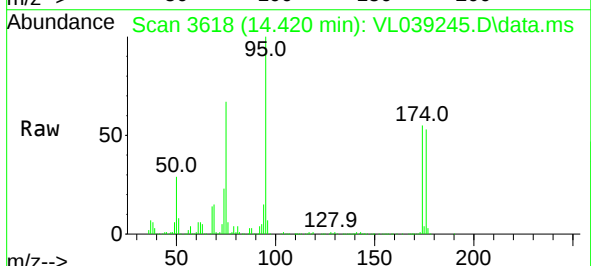
Tgt Ion: 95 Resp: 1736534

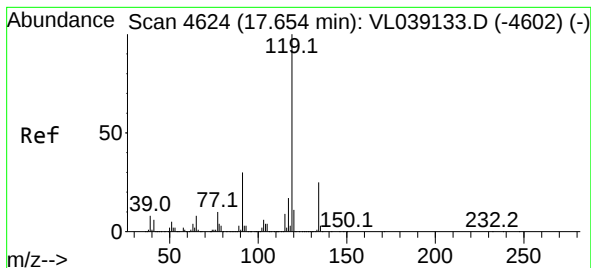
Ion Ratio Lower Upper

95 100

174 59.6 53.8 80.8

175 4.5 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.505 ppbv m

RT: 17.654 min Scan# 4

Delta R.T. -0.000 min

Lab File: VL039245.D

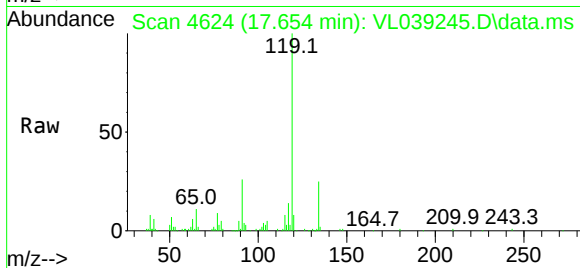
Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



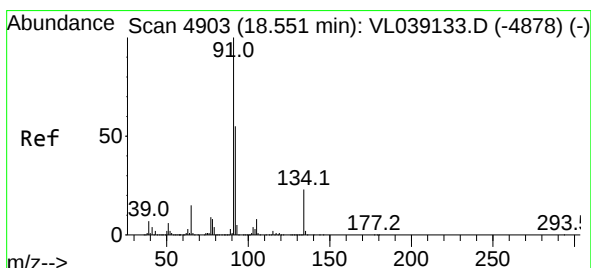
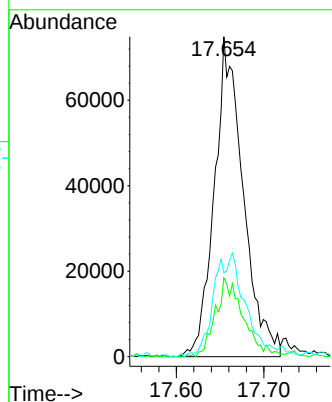
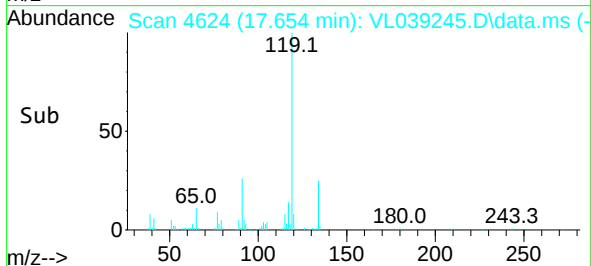
Tgt Ion: 119 Resp: 17074

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.4	30.6
91	37.7	24.2	36.4

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



#70

n-Butylbenzene

Concen: 0.538 ppbv m

RT: 18.558 min Scan# 4905

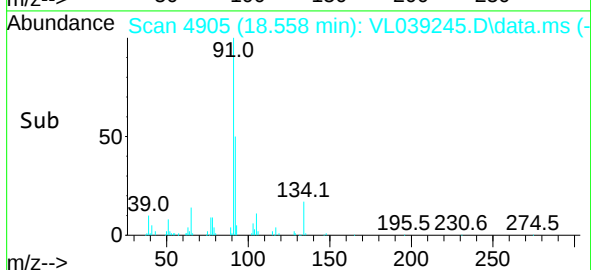
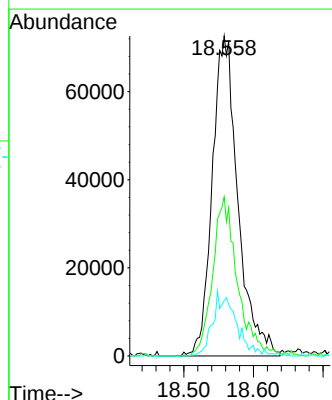
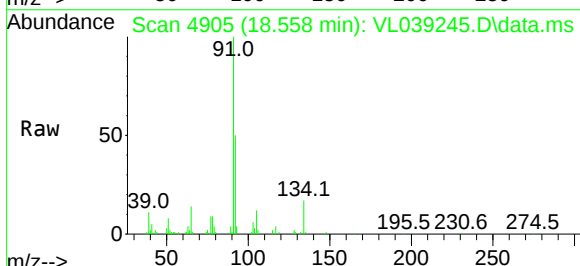
Delta R.T. 0.006 min

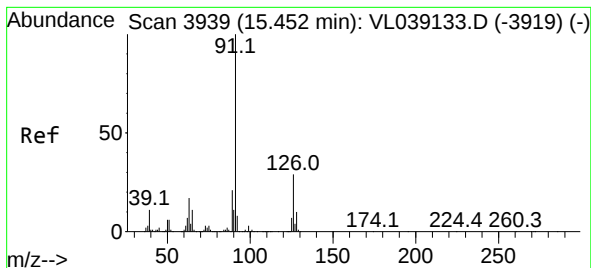
Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion: 91 Resp: 186450

Ion	Ratio	Lower	Upper
91	100		
92	48.3	43.6	65.4
134	18.6	17.7	26.5





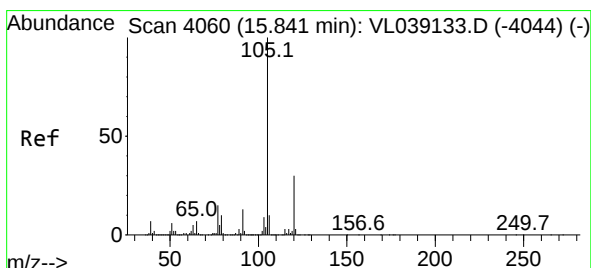
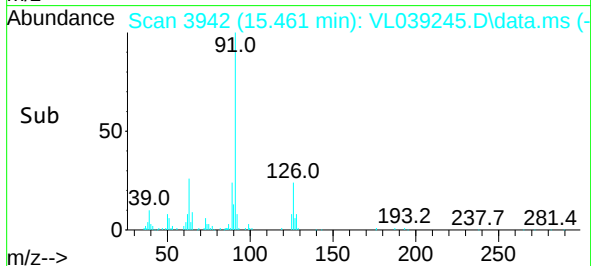
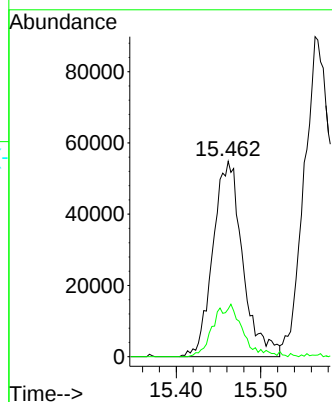
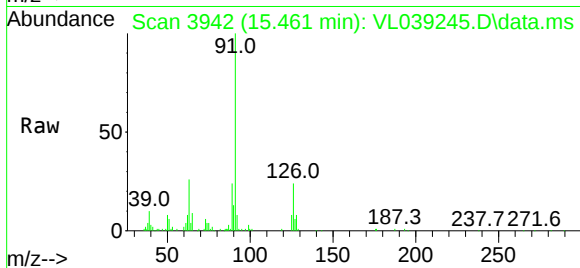
#71
2-Chlorotoluene
Concen: 0.547 ppbv m
RT: 15.461 min Scan# 3939
Delta R.T. 0.010 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

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

Tgt Ion: 91 Resp: 133827
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.6

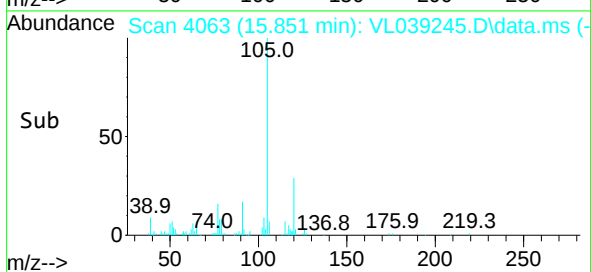
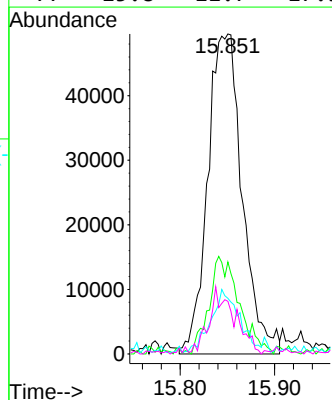
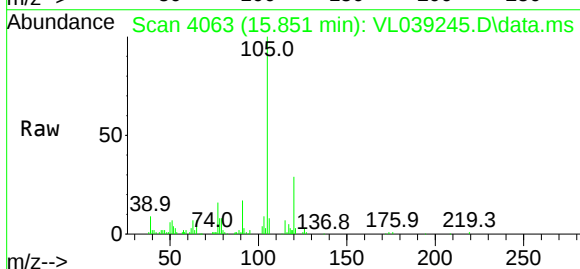
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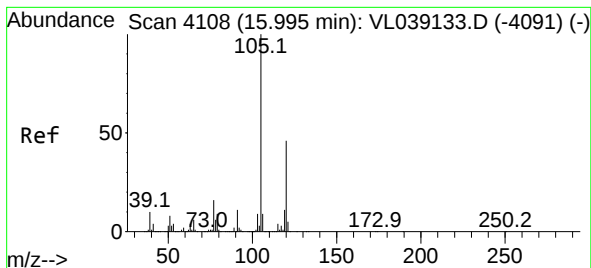
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#72
4-Ethyltoluene
Concen: 0.497 ppbv m
RT: 15.851 min Scan# 4063
Delta R.T. 0.010 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

Tgt Ion:105 Resp: 125687
Ion Ratio Lower Upper
105 100
120 27.8 23.9 35.9
91 17.6 10.6 16.0#
77 15.8 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 0.514 ppbv

RT: 16.005 min Scan# 4111

Delta R.T. 0.010 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion:105 Resp: 11723

Ion Ratio Lower Upper

105 100

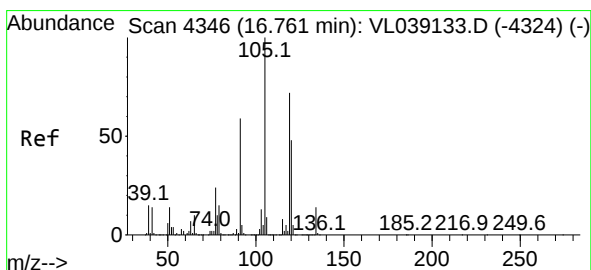
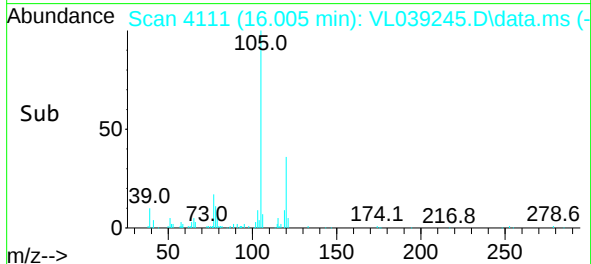
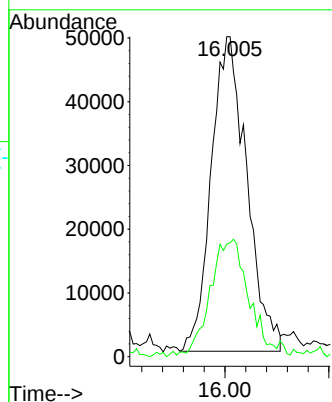
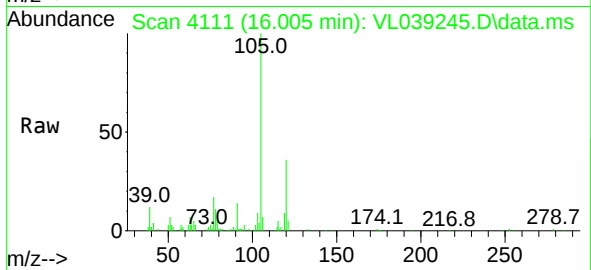
120 34.7 36.7 55.1

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 0.516 ppbv

RT: 16.764 min Scan# 4347

Delta R.T. 0.003 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion:105 Resp: 131496

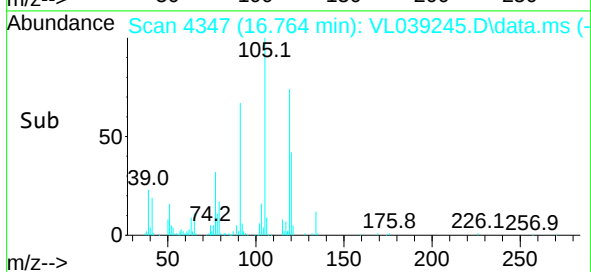
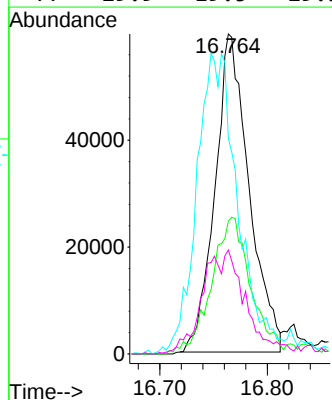
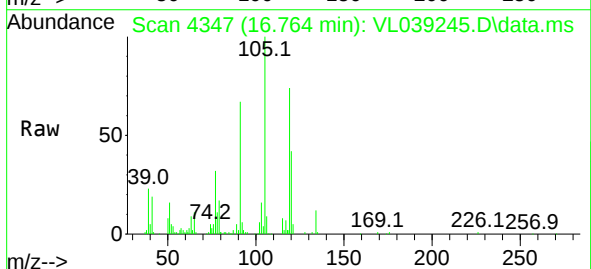
Ion Ratio Lower Upper

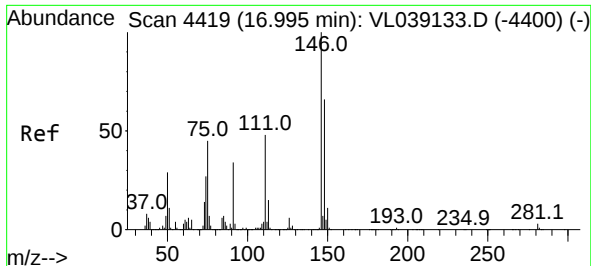
105 100

120 40.1 38.1 57.1

91 63.0 47.4 71.0

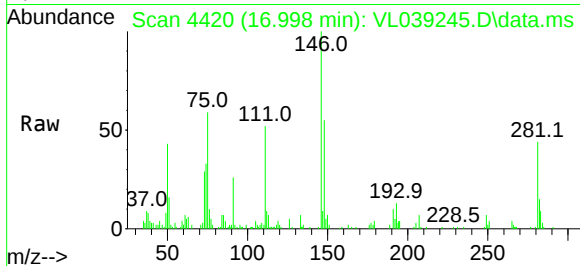
77 29.9 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 0.545 ppbv m
RT: 16.998 min Scan# 4420
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44

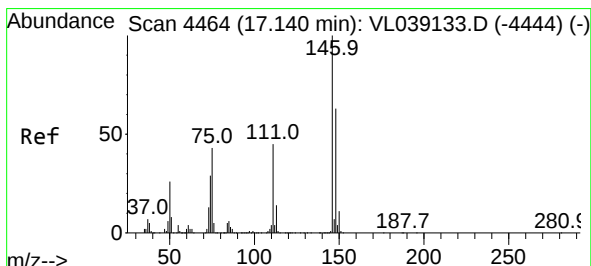
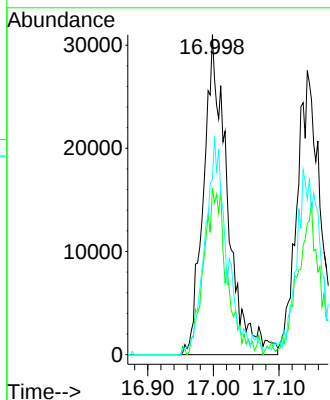
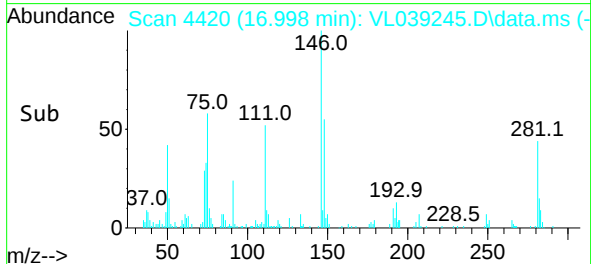
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2022



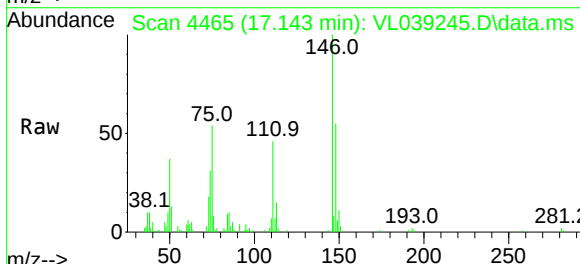
Tgt Ion:146 Resp: 78570
Ion Ratio Lower Upper
146 100
111 52.1 23.8 71.4
148 62.6 32.4 97.0

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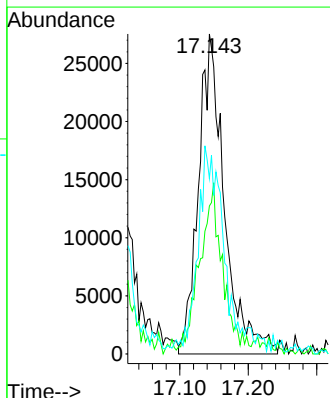
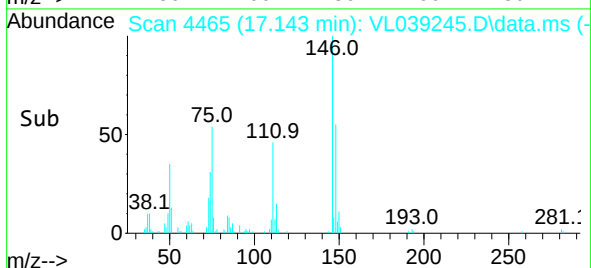
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

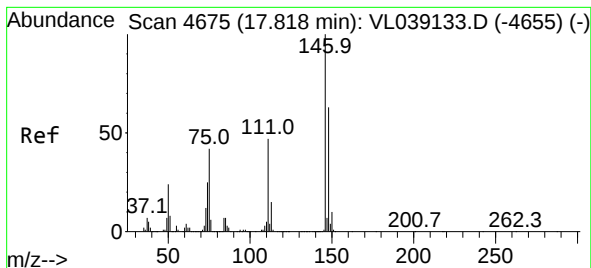


#76
1,4-Dichlorobenzene
Concen: 0.503 ppbv m
RT: 17.143 min Scan# 4465
Delta R.T. 0.003 min
Lab File: VL039245.D
Acq: 8 Jun 2022 21:44



Tgt Ion:146 Resp: 72427
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 65.7 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 0.467 ppbv

RT: 17.825 min Scan# 4066

Delta R.T. 0.006 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022

Tgt Ion:146 Resp: 67862

Ion Ratio Lower Upper

146 100

111 57.2 24.4 73.4

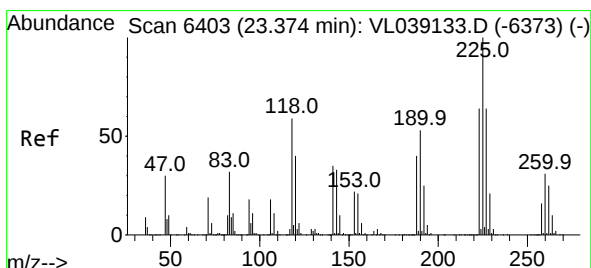
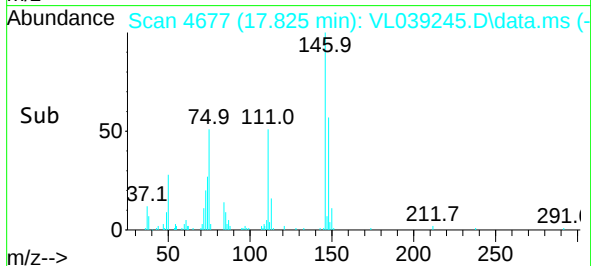
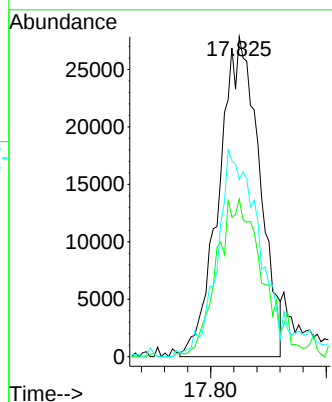
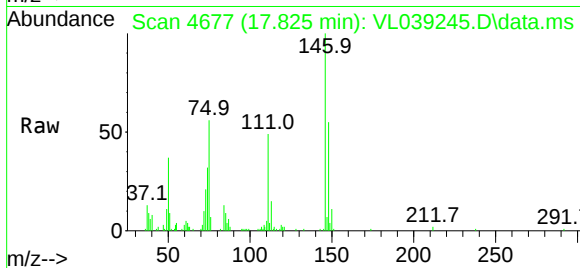
148 73.6 32.1 96.5

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Supervised By :Mahesh Dadoda 06/09/2022



#78

Hexachloro-1,3-Butadiene

Concen: 0.579 ppbv m

RT: 23.384 min Scan# 6406

Delta R.T. 0.010 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

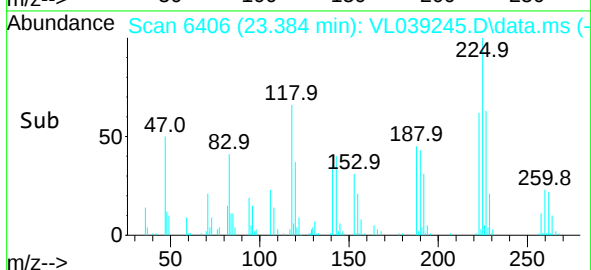
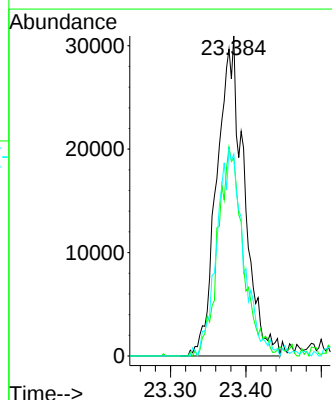
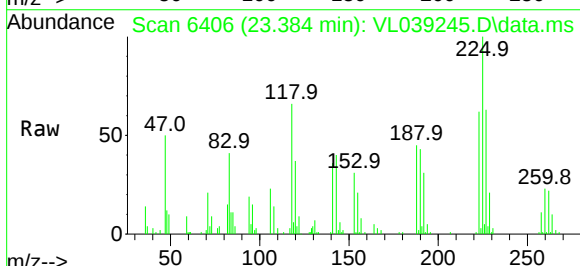
Tgt Ion:225 Resp: 76968

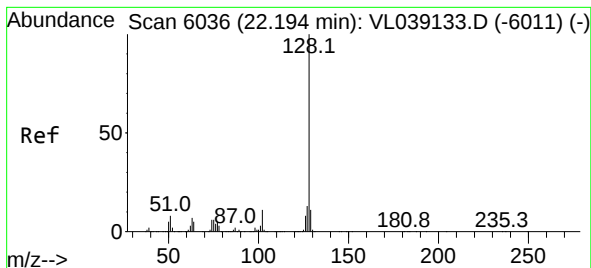
Ion Ratio Lower Upper

225 100

223 62.4 51.4 77.0

227 64.2 50.6 75.8





#79

Naphthalene

Concen: 0.382 ppbv m

RT: 22.210 min Scan# 6036

Delta R.T. 0.016 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

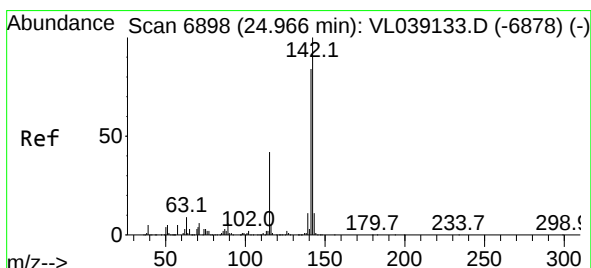
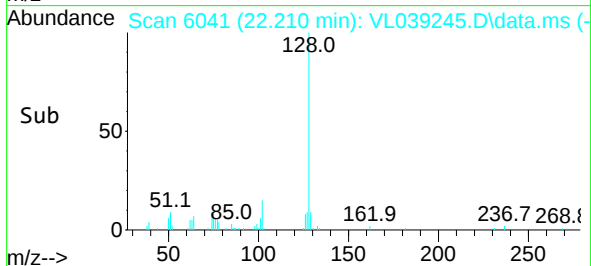
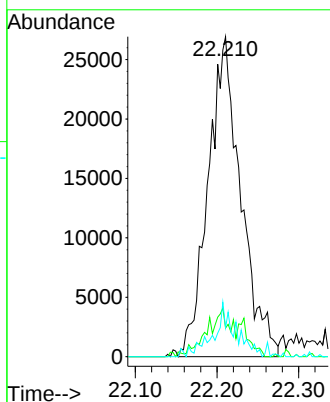
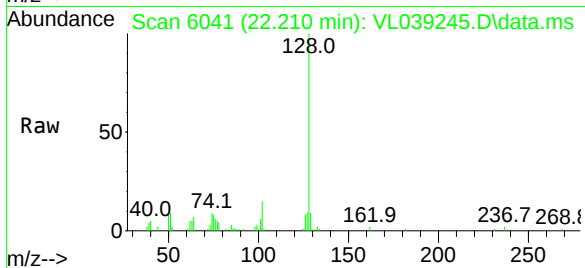
LOQ-AIR-02-QT2-2022

Tgt Ion:128	Resp:	74840
Ion Ratio	Lower	Upper
128	100	
127	9.0	10.4 15.6
129	9.1	9.0 13.6

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Supervised By :Mahesh Dadoda 06/09/2022



#80

Naphthalene,2-methyl-

Concen: 0.196 ppbv m

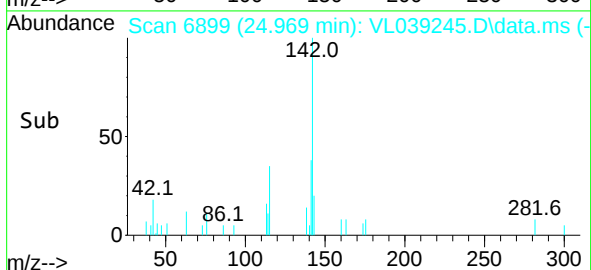
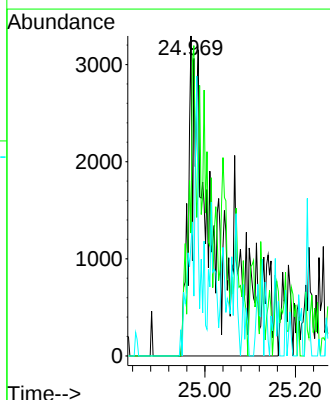
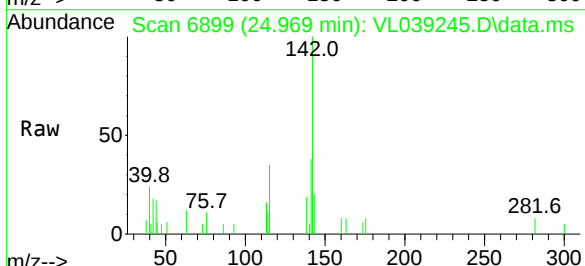
RT: 24.969 min Scan# 6899

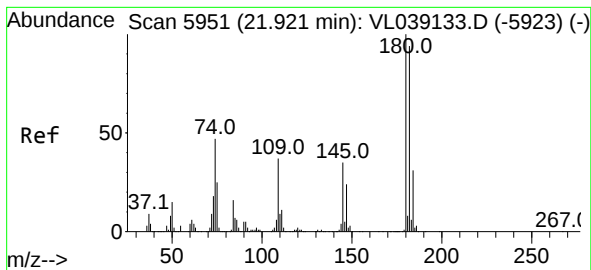
Delta R.T. 0.003 min

Lab File: VL039245.D

Acq: 8 Jun 2022 21:44

Tgt Ion:142	Resp:	14273
Ion Ratio	Lower	Upper
142	100	
141	32.8	64.6 96.8
115	23.1	32.7 49.1





#81

1,2,4-Trichlorobenzene

Concen: 0.392 ppbv m

RT: 21.924 min Scan# 5952

Delta R.T. 0.003 min

Lab File: VL039245.D

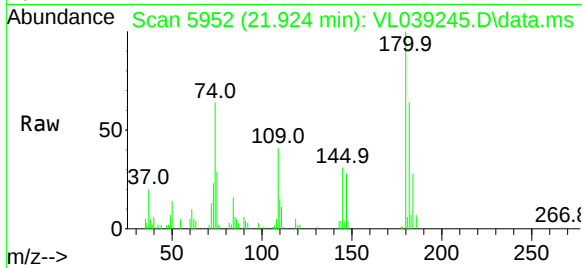
Acq: 8 Jun 2022 21:44

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2022



Tgt Ion:	180	Resp:	4865
Ion Ratio	Lower	Upper	
180	100		
182	100.4	0.0	0.0
184	0.0	0.0	0.0

Manual Integrations

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Supervised By :Mahesh Dadoda 06/09/2022

