

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040132.D
 Acq On : 30 Jan 2023 14:39
 Operator : SY/MD
 Sample : N4955-14 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022

Quant Time: Jan 31 05:26:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

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

Internal Standards						
1) Bromochloromethane	5.179	49	841930	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2277077	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2042379	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.773	95	1628623	9.595	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.713	85	91278m	0.618	ppbv	
3) Chlorodifluoromethane	2.658	51	49983m	0.495	ppbv	
4) Chloromethane	2.796	50	36285	0.581	ppbv	93
5) Vinyl Chloride	2.902	62	27284	0.516	ppbv	95
6) Bromomethane	3.102	94	10180m	0.527	ppbv	
7) Chloroethane	3.182	64	9937	0.491	ppbv #	86
8) Dichlorotetrafluoroethane	2.841	85	76217	0.553	ppbv	99
9) Propene	2.677	41	22428	0.535	ppbv	92
10) Heptane	7.574	43	50061m	0.518	ppbv	
11) Trichlorofluoromethane	3.549	101	74502	0.506	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.054	101	55907	0.505	ppbv	96
13) Ethanol	3.246	45	2245m	0.581	ppbv	
14) Bromoethene	3.353	108	20861m	0.507	ppbv	
15) Acetone	3.468	43	64244m	0.636	ppbv	
16) 1,3-Butadiene	2.970	39	26285m	0.558	ppbv	
17) tert-Butyl alcohol	3.883	59	53157m	0.565	ppbv	
18) 1,1-Dichloroethene	3.864	96	23729	0.493	ppbv	98
19) Isopropyl Alcohol	3.578	45	28201	0.571	ppbv #	97
20) Methylene Chloride	3.918	84	34490	0.774	ppbv	95
21) Allyl Chloride	3.980	41	31758	0.490	ppbv	96
22) trans-1,2-Dichloroethene	4.433	96	24946m	0.507	ppbv	
23) Vinyl Acetate	4.616	43	19023m	0.581	ppbv	
24) 1,1-Dichloroethane	4.552	63	49960	0.504	ppbv	97
25) Ethyl Acetate	5.198	43	103524	0.582	ppbv #	98
26) Hexane	5.201	57	46833	0.602	ppbv	94
27) Carbon Disulfide	4.111	76	45232	0.448	ppbv #	84
28) Methyl tert-Butyl Ether	4.587	73	45296	0.517	ppbv	98
29) Chloroform	5.266	83	73718m	0.592	ppbv	
30) Cyclohexane	6.597	84	32953m	0.532	ppbv	
31) cis-1,2-Dichloroethene	5.066	61	41951	0.557	ppbv	85
32) 1,1,1-Trichloroethane	5.996	97	66915	0.529	ppbv	97
34) 2-Butanone	4.787	43	55949	0.519	ppbv	97
35) Carbon Tetrachloride	6.484	117	70847	0.550	ppbv	93
36) Benzene	6.359	78	88042	0.522	ppbv	95
37) 1,2-Dichloroethane	5.790	62	54351m	0.502	ppbv	
38) Trichloroethene	7.285	130	49749	0.520	ppbv	93
39) 1,2-Dichloropropane	7.060	63	35977	0.546	ppbv #	77
40) 1,4-Dioxane	7.317	88	15314m	0.585	ppbv	
41) Tetrahydrofuran	5.574	42	28390	0.457	ppbv	93
42) Bromodichloromethane	7.240	83	70805	0.484	ppbv	99
43) Methyl Methacrylate	7.471	69	28467	0.460	ppbv	96
44) 2,2,4-Trimethylpentane	7.317	57	137599	0.491	ppbv	95
45) t-1,3-Dichloropropene	8.706	75	21950	0.398	ppbv	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040132.D
 Acq On : 30 Jan 2023 14:39
 Operator : SY/MD
 Sample : N4955-14 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022

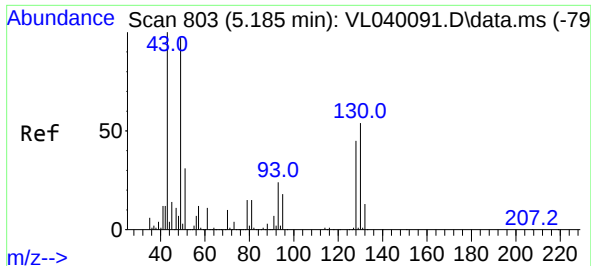
Quant Time: Jan 31 05:26:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Jan 31 05:24:57 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

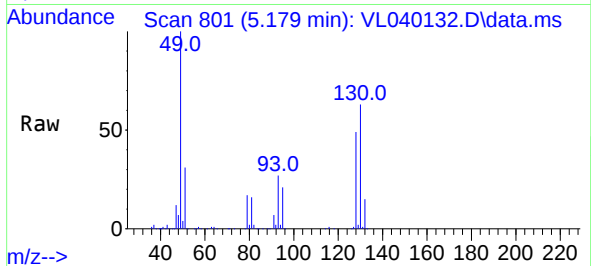
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	33711m	0.447	ppbv	
47) 1,1,2-Trichloroethane	8.889	97	36425	0.525	ppbv #	89
48) Dibromochloromethane	9.696	129	52900m	0.474	ppbv	
49) Bromoform	12.400	173	38858m	0.452	ppbv	
50) 4-Methyl-2-Pentanone	8.195	43	77265m	0.456	ppbv	
51) 2-Hexanone	9.568	43	56378m	0.439	ppbv	
52) Tetrachloroethene	10.606	164	30168	0.547	ppbv	92
53) Toluene	9.211	91	85305	0.475	ppbv	97
54) 1,2-Dibromoethane	10.002	107	38603m	0.531	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.497	131	42740m	0.538	ppbv	
57) Chlorobenzene	11.519	112	77690	0.558	ppbv #	87
58) Ethyl Benzene	12.079	91	110815	0.486	ppbv	98
59) m/p-Xylene	12.362	91	207634m	1.013	ppbv	
60) o-Xylene	13.056	91	94421	0.485	ppbv	96
61) Styrene	12.892	104	41948	0.414	ppbv	96
62) Isopropylbenzene	14.027	105	148788	0.532	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.053	83	37435m	0.530	ppbv	
64) n-propylbenzene	14.912	120	34868	0.501	ppbv	97
65) tert-Butylbenzene	16.088	119	119816m	0.500	ppbv	
66) Benzyl Chloride	16.323	91	7517m	0.459	ppbv	
67) sec-Butylbenzene	16.638	105	168234	0.495	ppbv	99
69) p-Isopropyltoluene	16.992	119	129942m	0.487	ppbv	
70) n-Butylbenzene	17.886	91	133857	0.465	ppbv	98
71) 2-Chlorotoluene	14.799	91	104230	0.484	ppbv	97
72) 4-Ethyltoluene	15.191	105	100830	0.467	ppbv	96
73) 1,3,5-Trimethylbenzene	15.352	105	98303m	0.506	ppbv	
74) 1,2,4-Trimethylbenzene	16.108	105	106556	0.495	ppbv	95
75) 1,3-Dichlorobenzene	16.326	146	60713m	0.508	ppbv	
76) 1,4-Dichlorobenzene	16.477	146	63496m	0.540	ppbv	
77) 1,2-Dichlorobenzene	17.140	146	60810m	0.532	ppbv	
78) Hexachloro-1,3-Butadiene	22.638	225	47780m	0.570	ppbv	
79) Naphthalene	21.397	128	54640m	0.443	ppbv	
80) Naphthalene,2-methyl-	24.394	142	13812m	0.332	ppbv	
81) 1,2,4-Trichlorobenzene	21.143	180	35807m	0.471	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

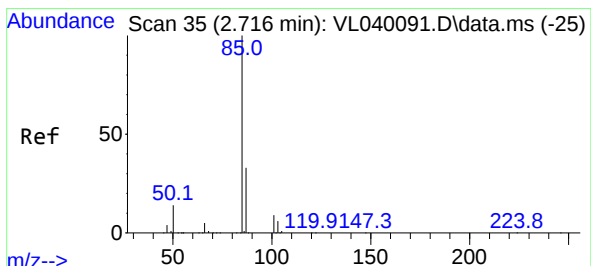
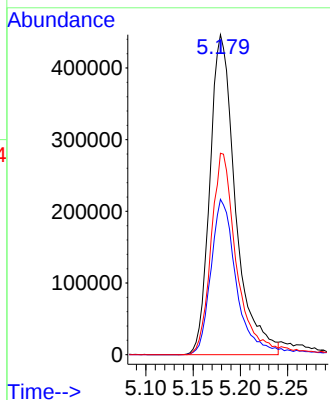
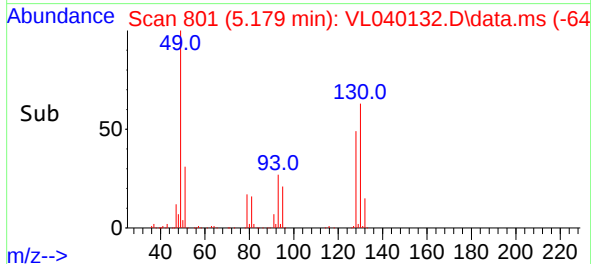
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 49 Resp: 841930
Ion Ratio Lower Upper
49 100
128 50.3 23.6 71.0
130 66.2 29.8 89.3

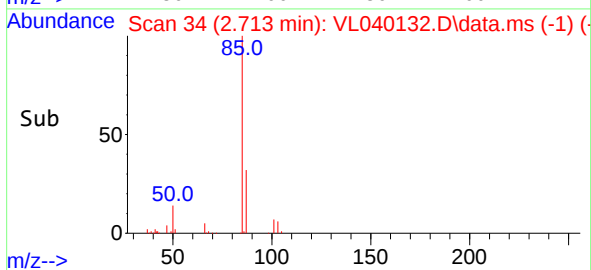
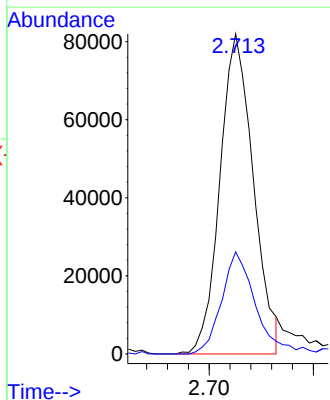
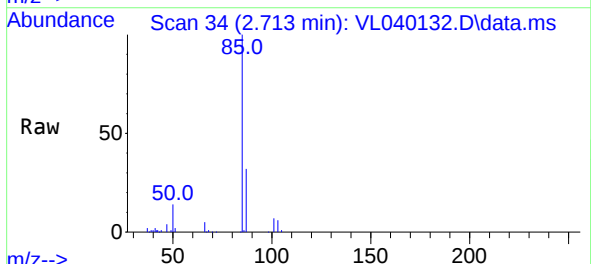
Manual Integrations
APPROVED

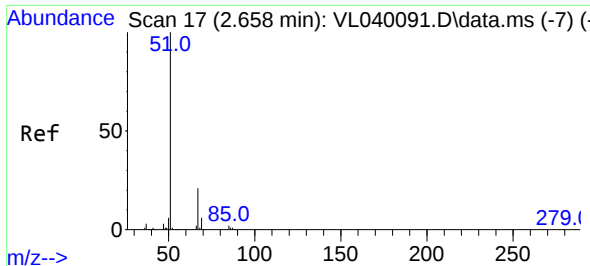
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#2
Dichlorodifluoromethane
Concen: 0.618 ppbv m
RT: 2.713 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

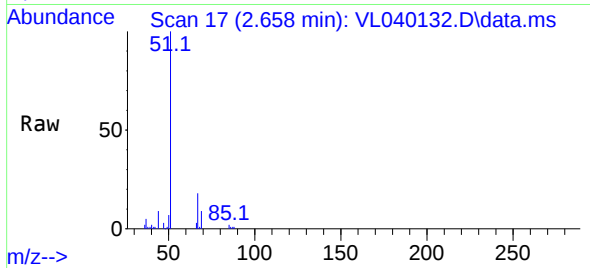
Tgt Ion: 85 Resp: 91278
Ion Ratio Lower Upper
85 100
87 31.9 26.5 39.7





#3
Chlorodifluoromethane
Concen: 0.495 ppbv m
RT: 2.658 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

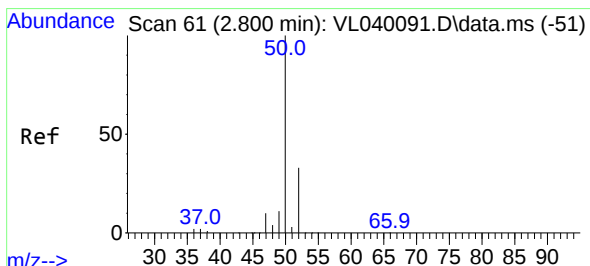
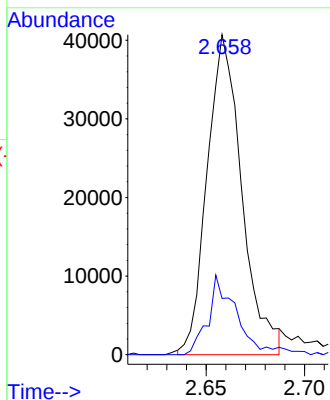
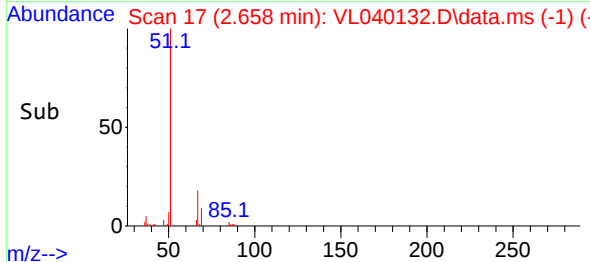
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



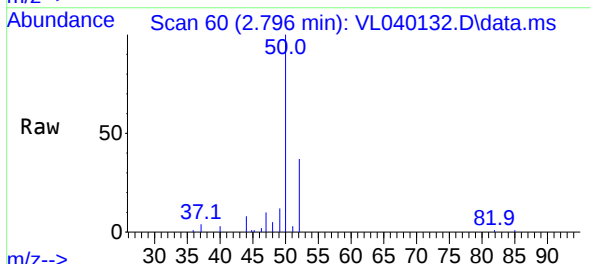
Tgt Ion: 51 Resp: 4998
Ion Ratio Lower Upper
51 100
67 21.3 16.4 24.6

Manual Integrations
APPROVED

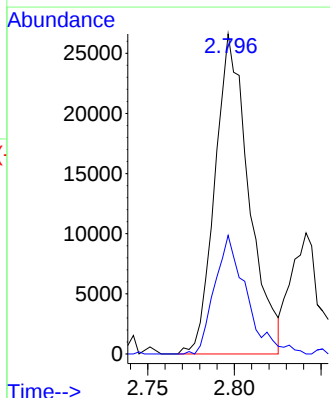
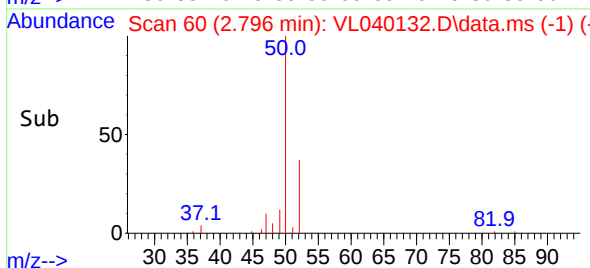
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

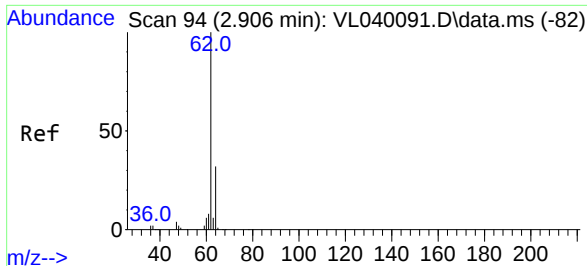


#4
Chloromethane
Concen: 0.581 ppbv
RT: 2.796 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



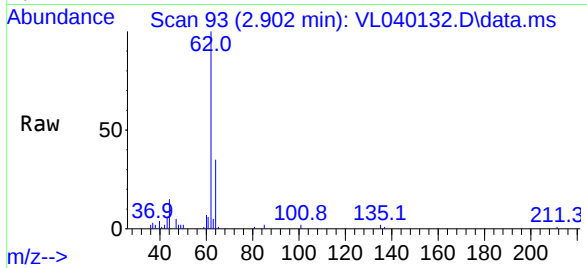
Tgt Ion: 50 Resp: 36285
Ion Ratio Lower Upper
50 100
52 37.0 26.5 39.7





#5
 Vinyl Chloride
 Concen: 0.516 ppbv
 RT: 2.902 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39

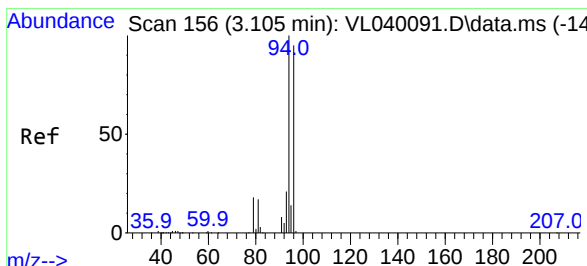
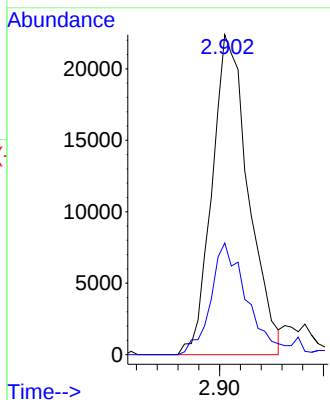
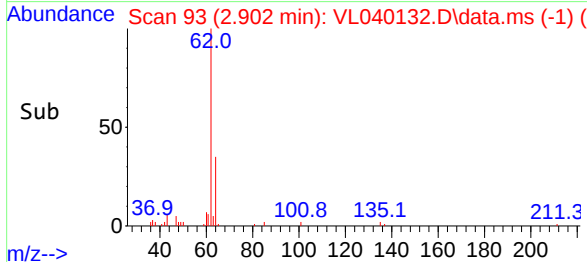
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022



Tgt Ion: 62 Resp: 27284
 Ion Ratio Lower Upper
 62 100
 64 34.9 25.8 38.6

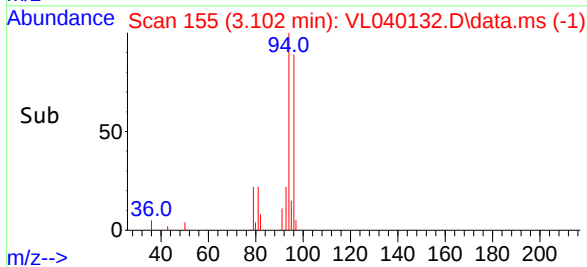
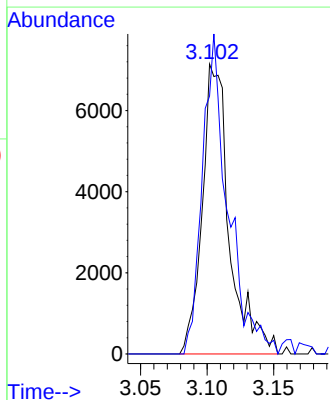
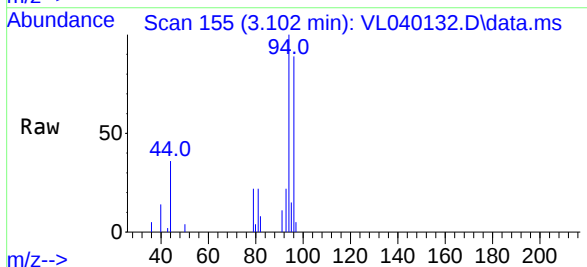
Manual Integrations
 APPROVED

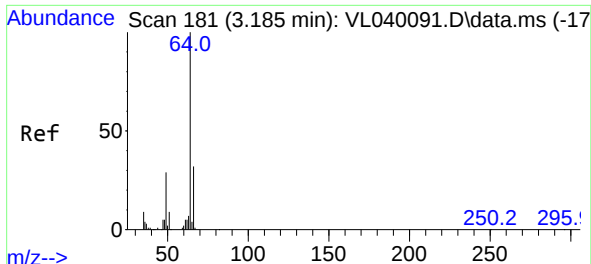
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#6
 Bromomethane
 Concen: 0.527 ppbv m
 RT: 3.102 min Scan# 155
 Delta R.T. 0.000 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39

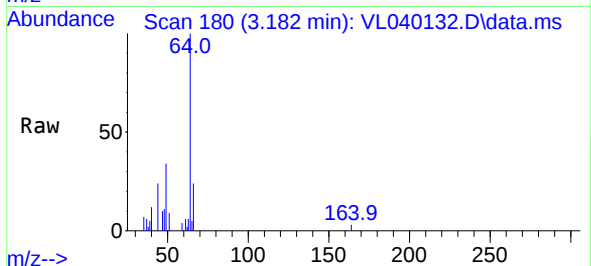
Tgt Ion: 94 Resp: 10180
 Ion Ratio Lower Upper
 94 100
 96 89.0 76.2 114.2





#7
Chloroethane
Concen: 0.491 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

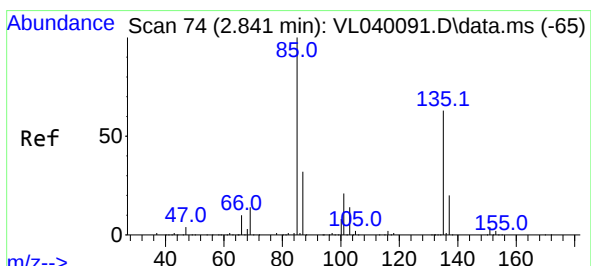
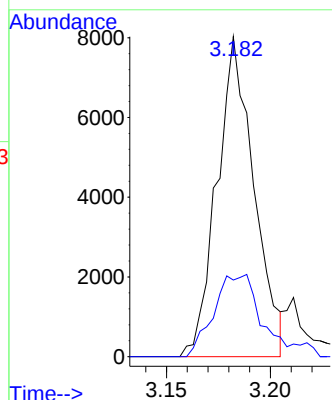
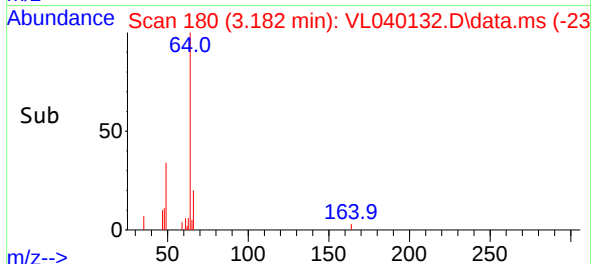
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 64 Resp: 993
Ion Ratio Lower Upper
64 100
66 23.9 25.6 38.4

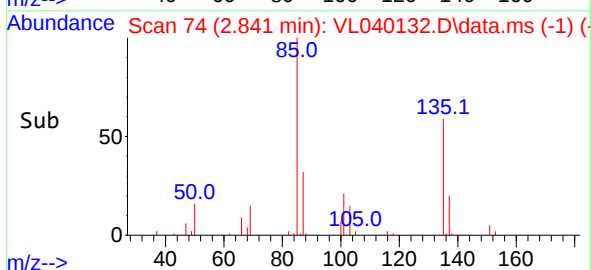
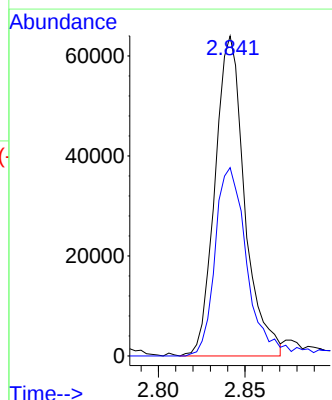
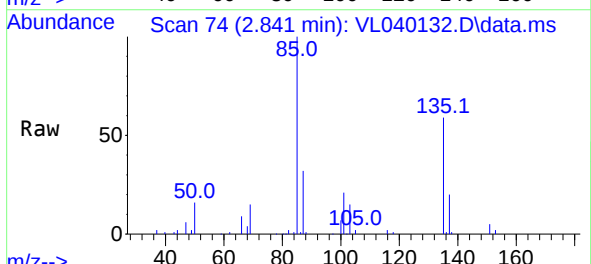
Manual Integrations
APPROVED

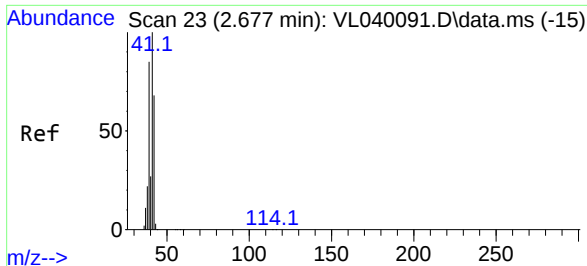
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#8
Dichlorotetrafluoroethane
Concen: 0.553 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

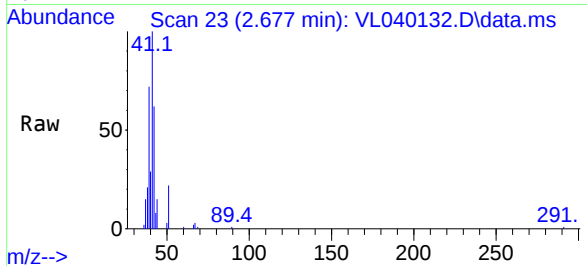
Tgt Ion: 85 Resp: 76217
Ion Ratio Lower Upper
85 100
135 65.2 51.4 77.2





#9
 Propene
 Concen: 0.535 ppbv
 RT: 2.677 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39

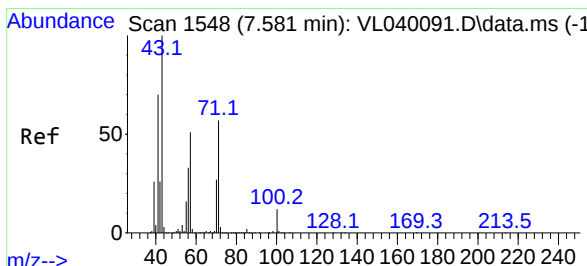
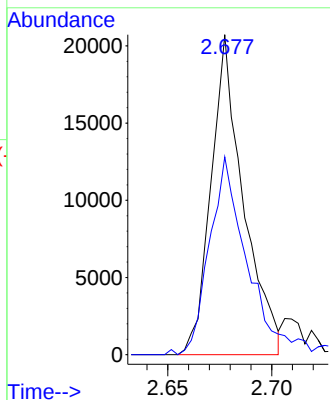
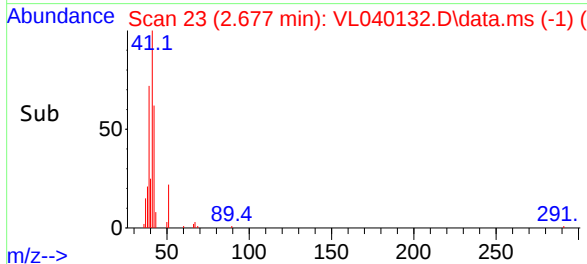
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022



Tgt Ion: 41 Resp: 22428
 Ion Ratio Lower Upper
 41 100
 42 75.8 55.6 83.4

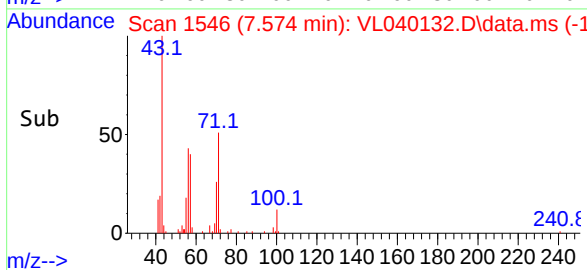
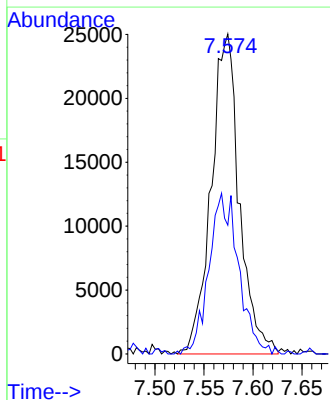
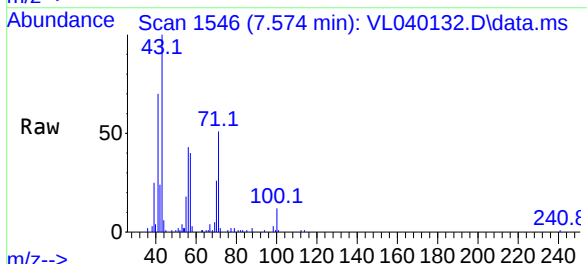
Manual Integrations
 APPROVED

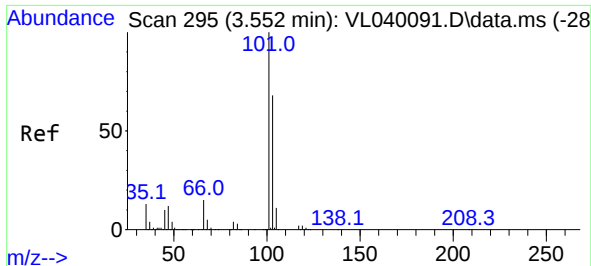
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#10
 Heptane
 Concen: 0.518 ppbv m
 RT: 7.574 min Scan# 1546
 Delta R.T. 0.006 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39

Tgt Ion: 43 Resp: 50061
 Ion Ratio Lower Upper
 43 100
 57 53.4 40.9 61.3





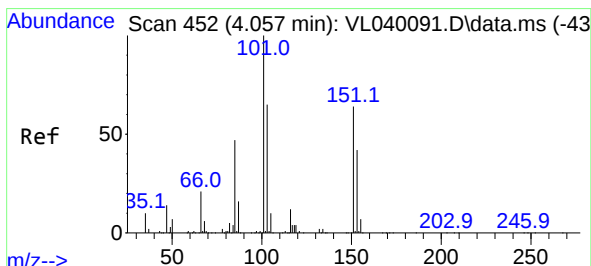
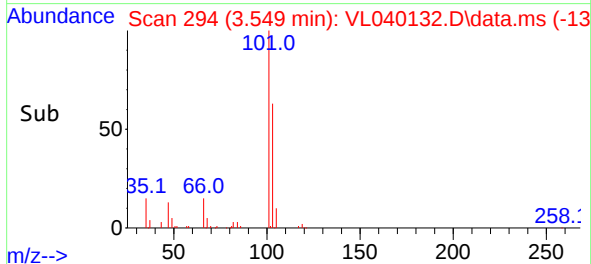
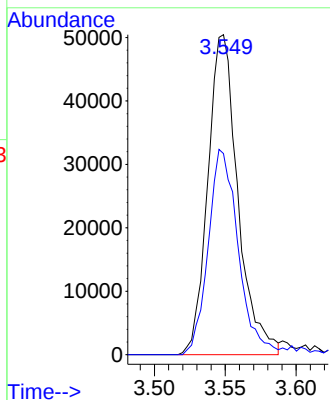
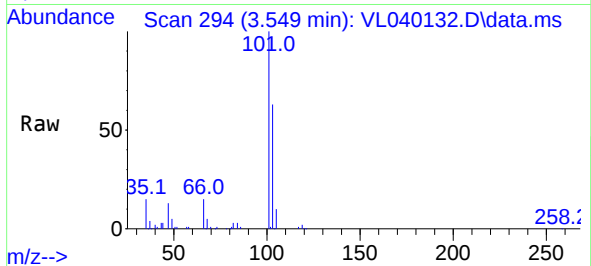
#11
Trichlorofluoromethane
Concen: 0.506 ppbv
RT: 3.549 min Scan# 295
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Tgt Ion:101 Resp: 74502
Ion Ratio Lower Upper
101 100
103 62.9 54.0 81.0

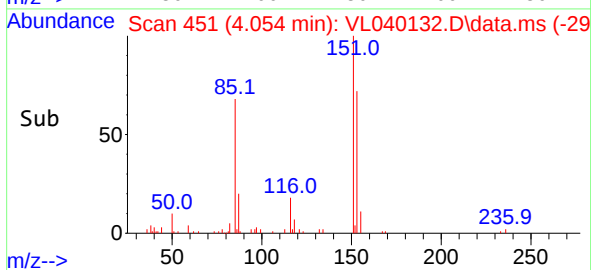
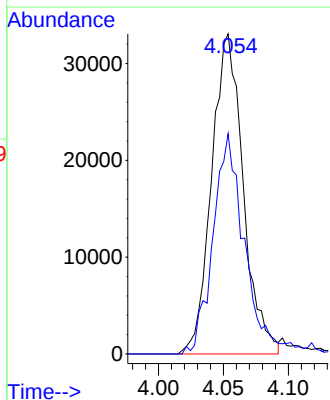
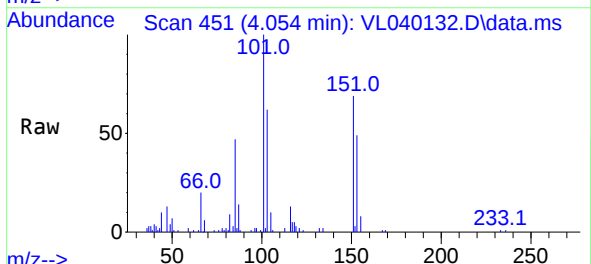
Manual Integrations
APPROVED

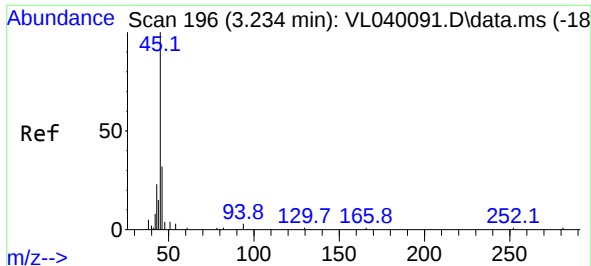
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.505 ppbv
RT: 4.054 min Scan# 451
Delta R.T. 0.006 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

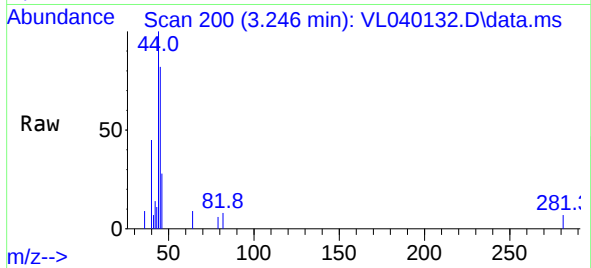
Tgt Ion:101 Resp: 55907
Ion Ratio Lower Upper
101 100
151 69.8 53.2 79.8





#13
Ethanol
Concen: 0.581 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

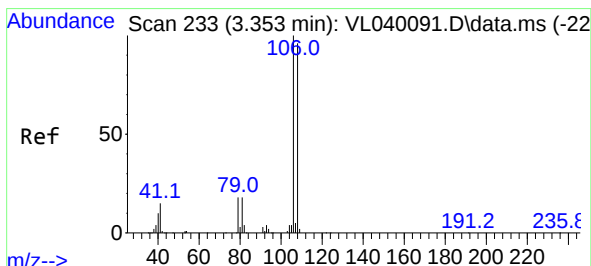
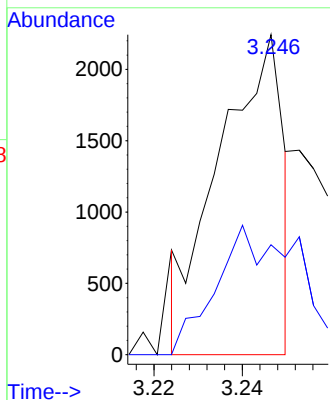
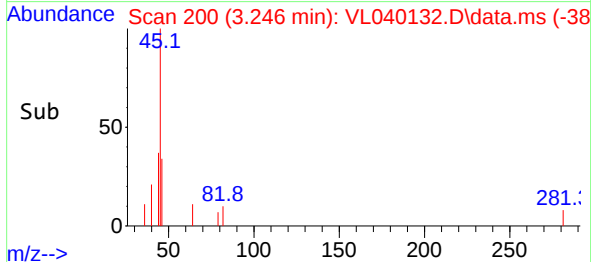
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



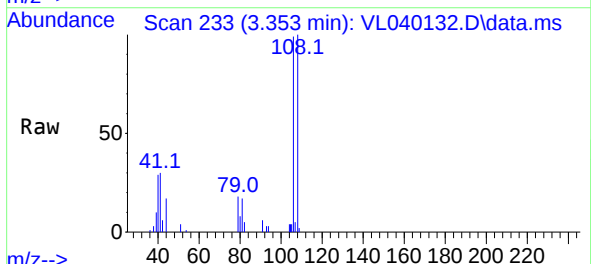
Tgt Ion: 45 Resp: 2249
Ion Ratio Lower Upper
45 100
46 59.9 14.8 59.2

Manual Integrations
APPROVED

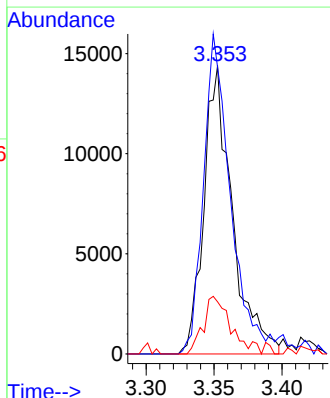
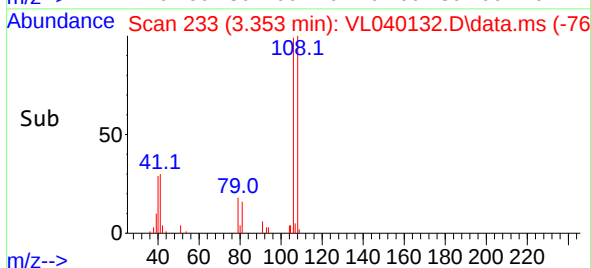
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

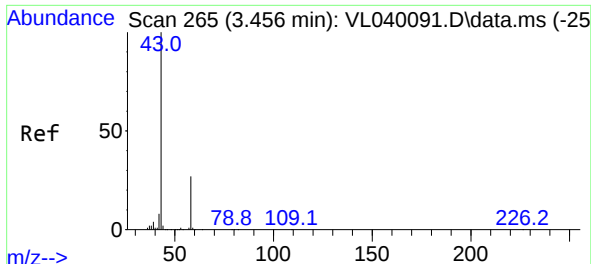


#14
Bromoethene
Concen: 0.507 ppbv m
RT: 3.353 min Scan# 233
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



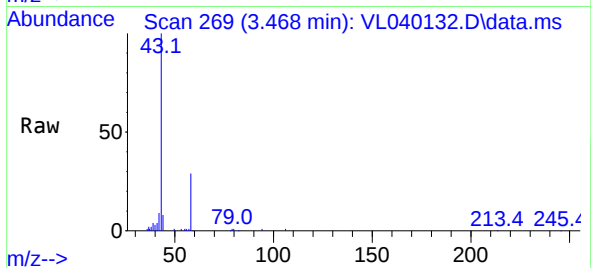
Tgt Ion:108 Resp: 20861
Ion Ratio Lower Upper
108 100
106 111.9 87.0 130.6
79 20.8 16.1 24.1





#15
Acetone
Concen: 0.636 ppbv m
RT: 3.468 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

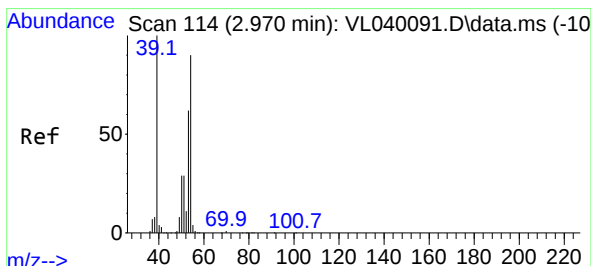
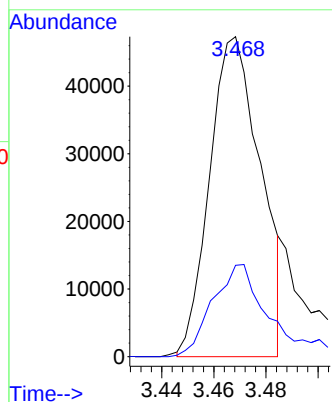
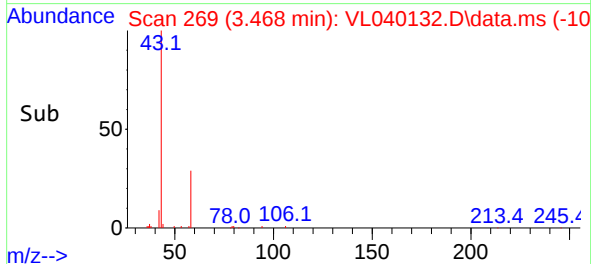
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 43 Resp: 64244
Ion Ratio Lower Upper
43 100
58 34.9 21.8 32.8

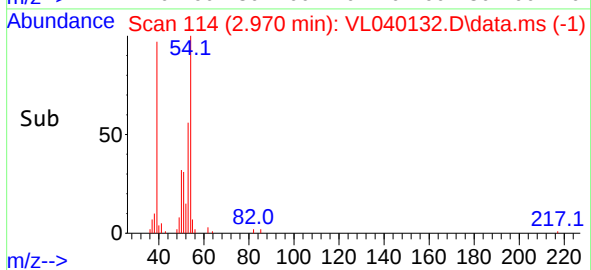
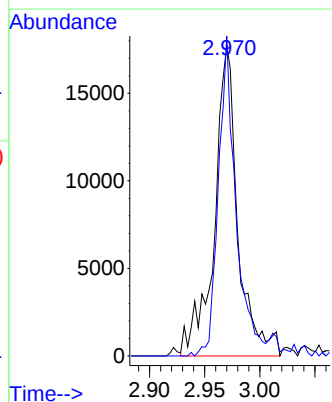
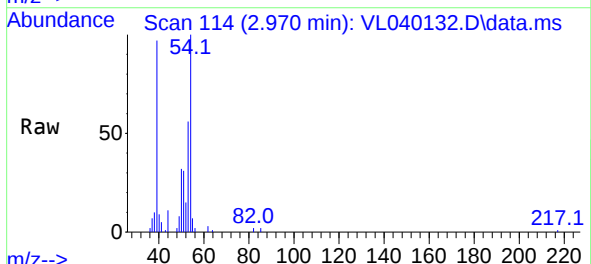
Manual Integrations
APPROVED

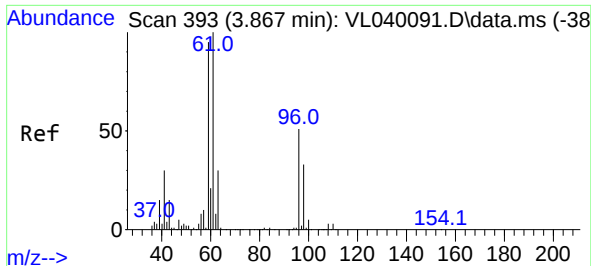
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#16
1,3-Butadiene
Concen: 0.558 ppbv m
RT: 2.970 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Tgt Ion: 39 Resp: 26285
Ion Ratio Lower Upper
39 100
54 81.8 67.9 101.9





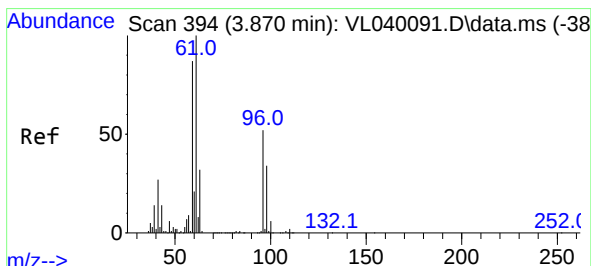
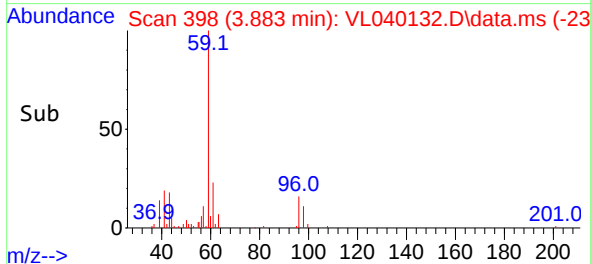
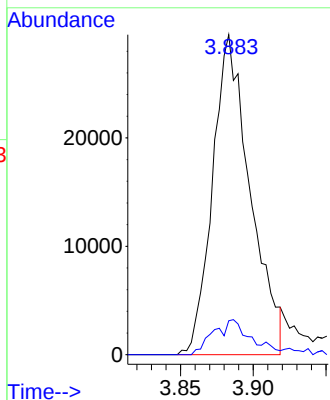
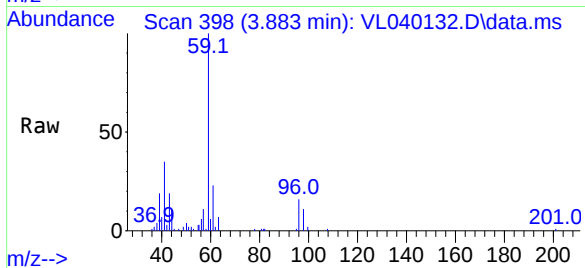
#17
tert-Butyl alcohol
Concen: 0.565 ppbv m
RT: 3.883 min Scan# 391
Delta R.T. 0.023 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Tgt Ion: 59 Resp: 5315
Ion Ratio Lower Upper
59 100
57 12.4 8.5 12.7

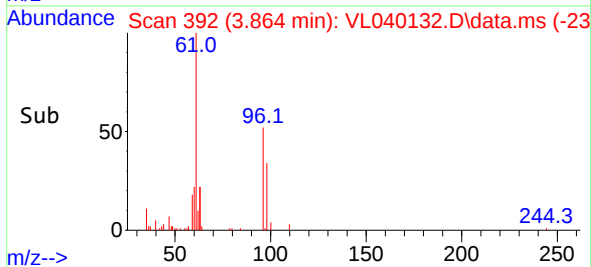
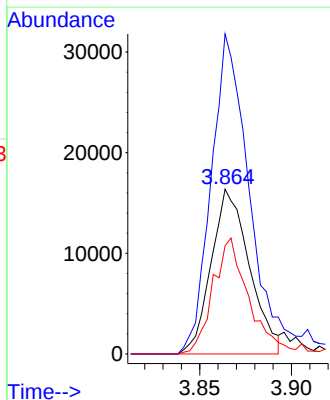
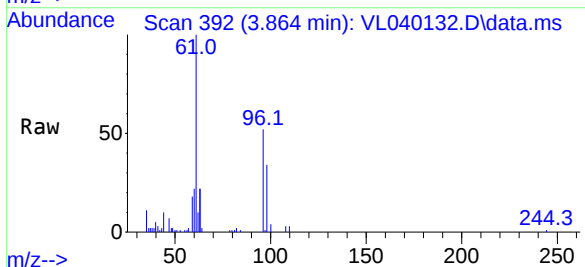
Manual Integrations
APPROVED

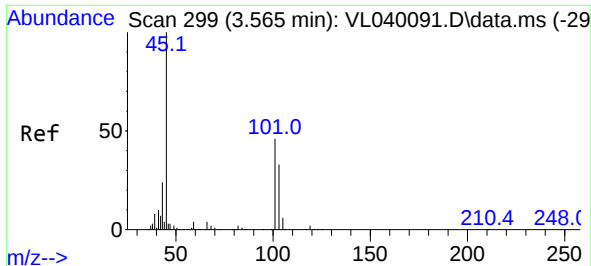
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#18
1,1-Dichloroethene
Concen: 0.493 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Tgt Ion: 96 Resp: 23729
Ion Ratio Lower Upper
96 100
61 194.1 153.0 229.4
98 65.6 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.571 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.019 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Instrument :

MSVOA_L

ClientSampleId :

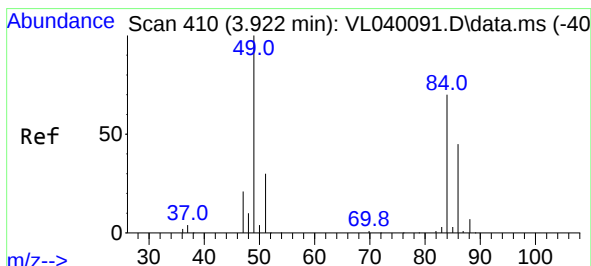
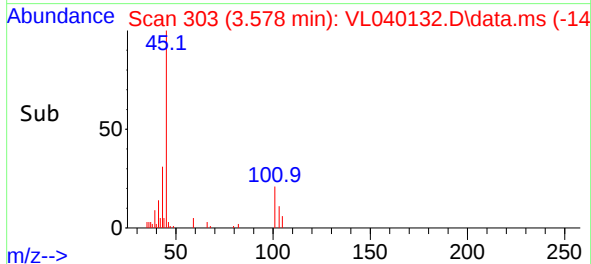
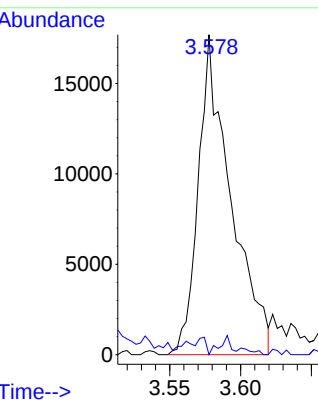
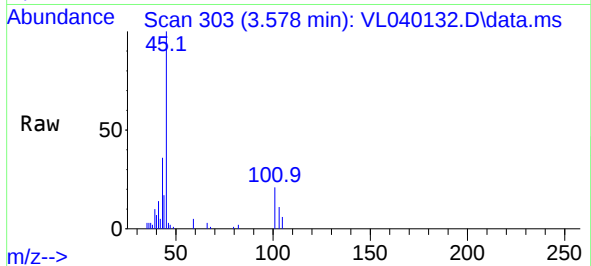
LOQ-AIR-02-QT4-2022

Tgt Ion: 45 Resp: 2820
 Ion Ratio Lower Upper
 45 100
 58 4.4 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#20

Methylene Chloride

Concen: 0.774 ppbv

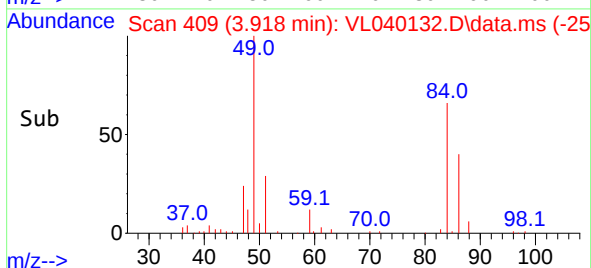
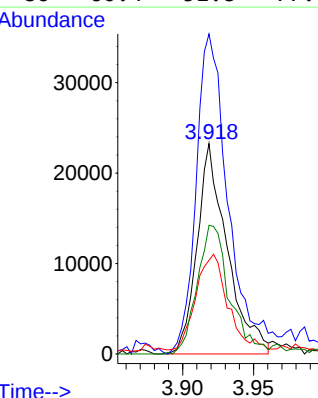
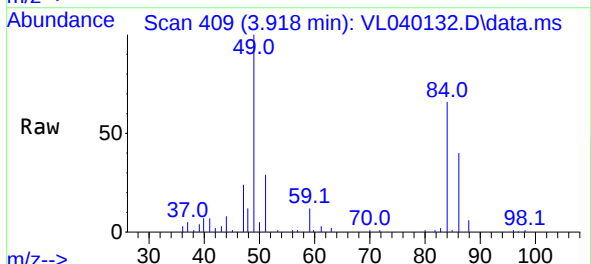
RT: 3.918 min Scan# 409

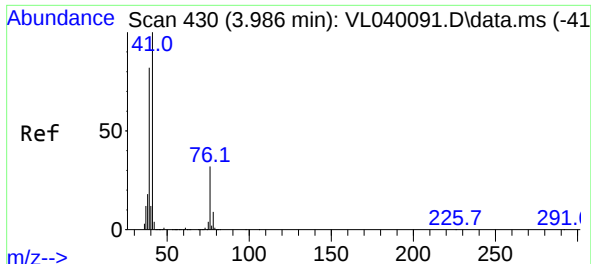
Delta R.T. 0.003 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Tgt Ion: 84 Resp: 34490
 Ion Ratio Lower Upper
 84 100
 49 151.0 114.6 171.8
 51 42.6 34.3 51.5
 86 60.4 51.8 77.8





#21

Allyl Chloride

Concen: 0.490 ppbv

RT: 3.980 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022

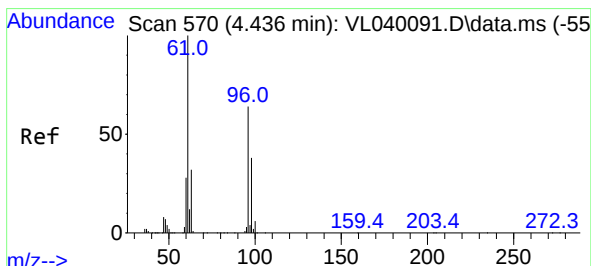
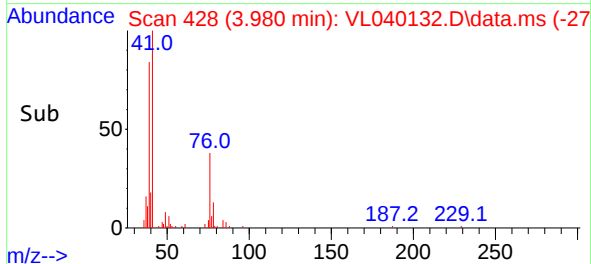
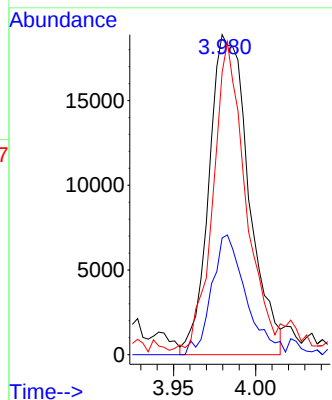
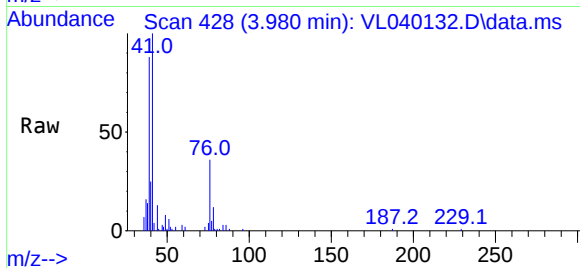
Tgt Ion: 41 Resp: 31758

Ion	Ratio	Lower	Upper
41	100		
76	34.8	25.9	38.9
39	87.2	66.8	100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#22

trans-1,2-Dichloroethene

Concen: 0.507 ppbv m

RT: 4.433 min Scan# 569

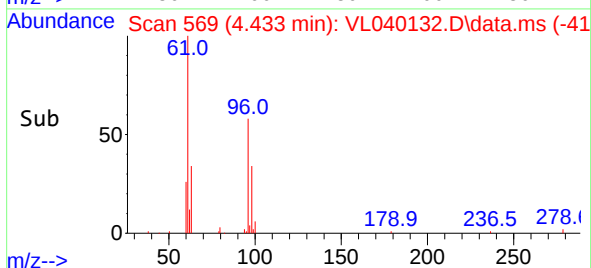
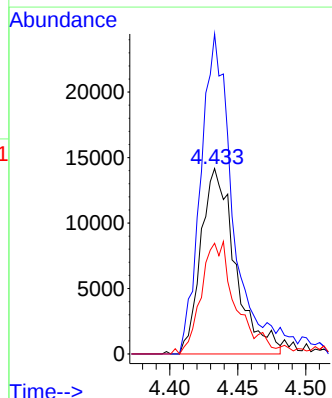
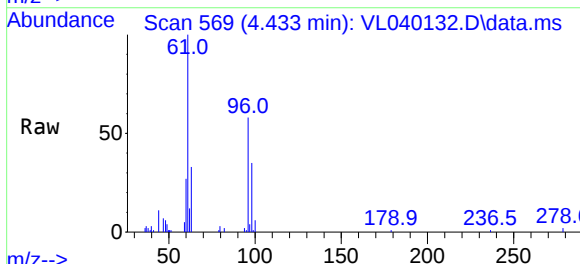
Delta R.T. 0.003 min

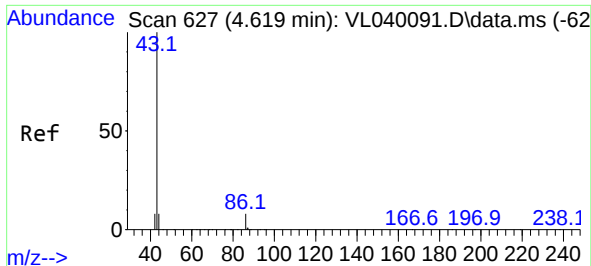
Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Tgt Ion: 96 Resp: 24946

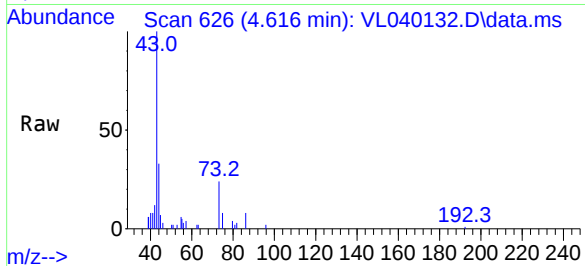
Ion	Ratio	Lower	Upper
96	100		
61	172.6	125.8	188.8
98	59.7	47.4	71.2





#23
 Vinyl Acetate
 Concen: 0.581 ppbv m
 RT: 4.616 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39

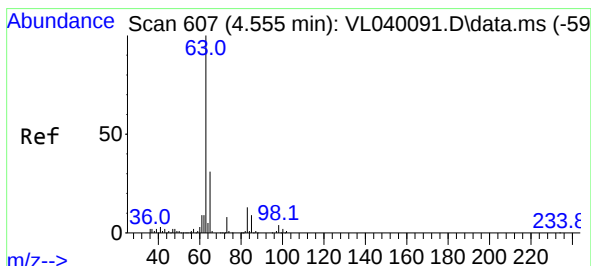
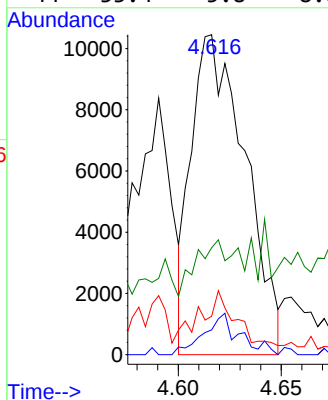
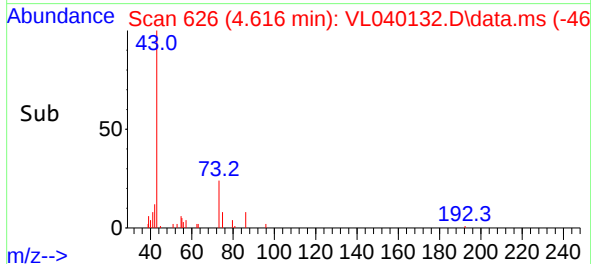
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022



Tgt Ion: 43 Resp: 1902
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.6 8.4
 42 12.0 7.7 11.5
 44 33.4 5.8 8.8#

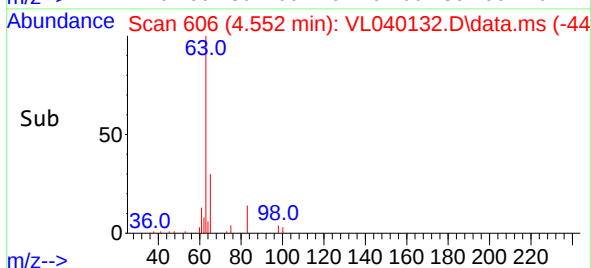
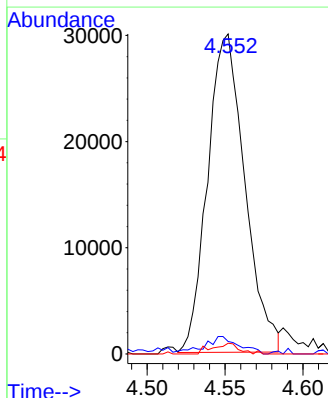
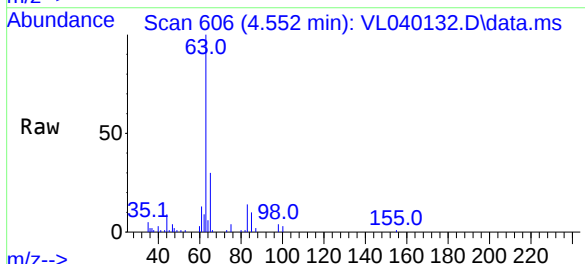
Manual Integrations
 APPROVED

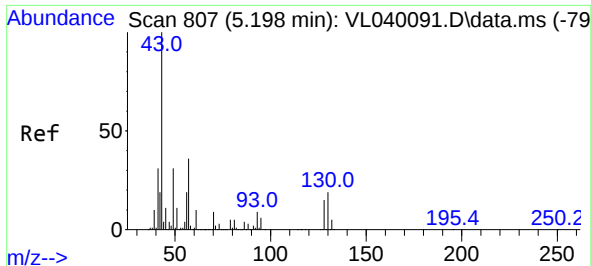
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#24
 1,1-Dichloroethane
 Concen: 0.504 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. 0.003 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39

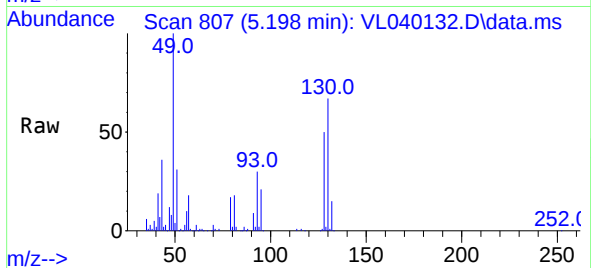
Tgt Ion: 63 Resp: 49960
 Ion Ratio Lower Upper
 63 100
 98 3.0 2.0 5.8
 100 3.4 1.1 3.5





#25
Ethyl Acetate
Concen: 0.582 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

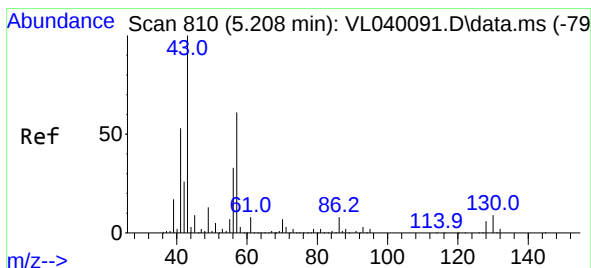
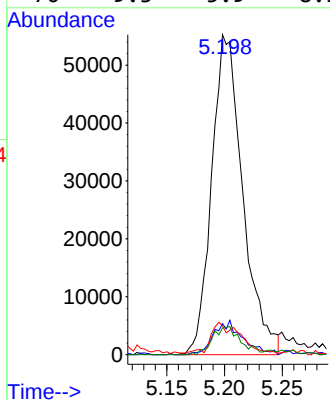
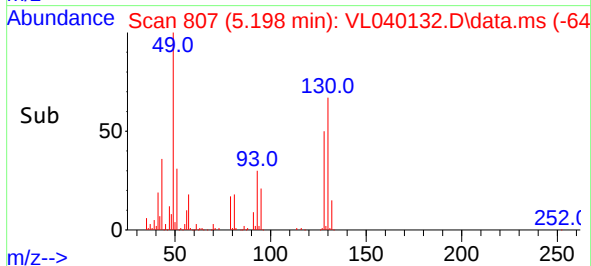
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



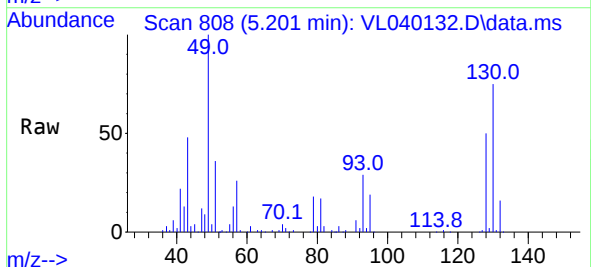
Tgt Ion: 43 Resp: 103524
Ion Ratio Lower Upper
43 100
45 9.9 8.5 12.7
61 10.1 8.4 12.6
70 9.3 5.9 8.9#

Manual Integrations
APPROVED

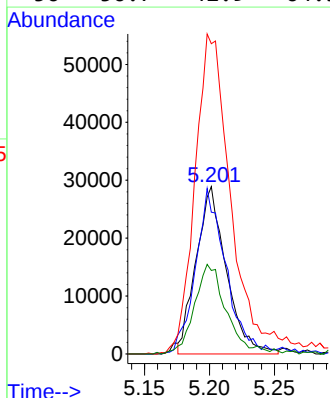
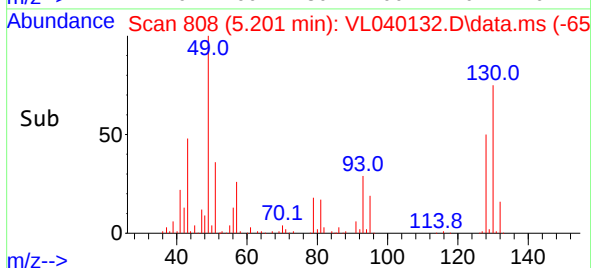
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

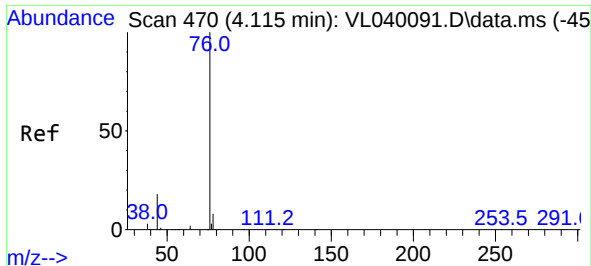


#26
Hexane
Concen: 0.602 ppbv
RT: 5.201 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



Tgt Ion: 57 Resp: 46833
Ion Ratio Lower Upper
57 100
41 102.8 72.2 108.4
43 234.8 192.1 288.1
56 56.7 42.9 64.3





#27

Carbon Disulfide

Concen: 0.448 ppbv

RT: 4.111 min Scan# 4

Delta R.T. 0.003 min

Lab File: VL040132.D

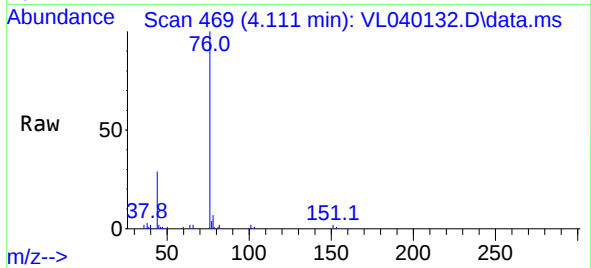
Acq: 30 Jan 2023 14:39

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022



Tgt Ion: 76 Resp: 4523

Ion Ratio Lower Upper

76 100

44 29.1 14.9 22.3

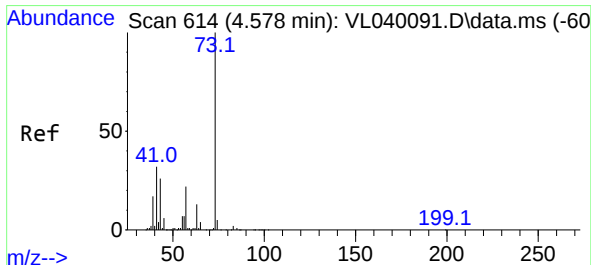
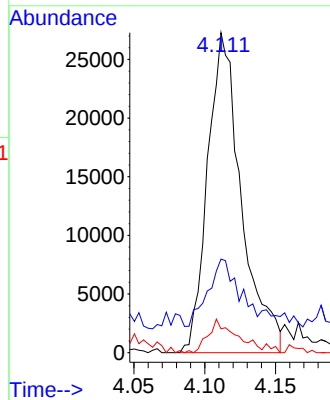
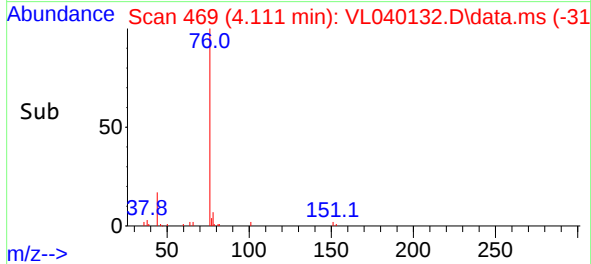
78 9.4 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#28

Methyl tert-Butyl Ether

Concen: 0.517 ppbv

RT: 4.587 min Scan# 617

Delta R.T. 0.019 min

Lab File: VL040132.D

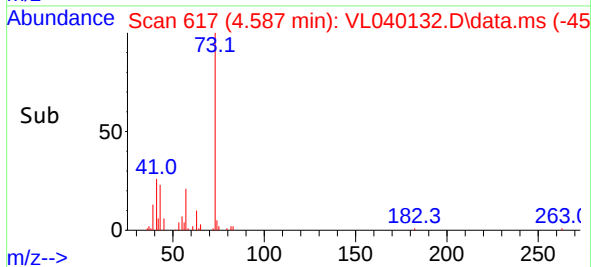
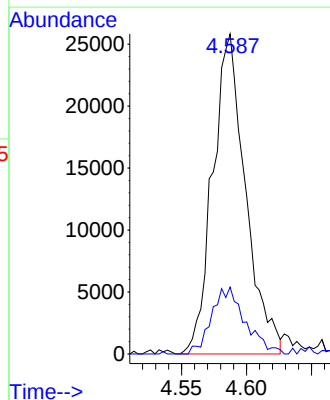
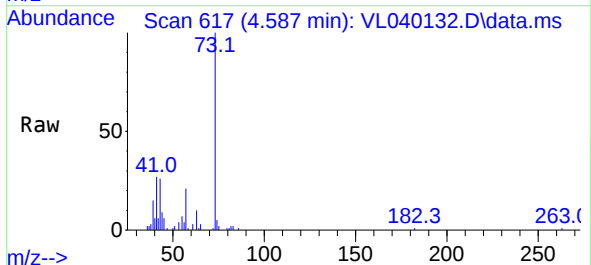
Acq: 30 Jan 2023 14:39

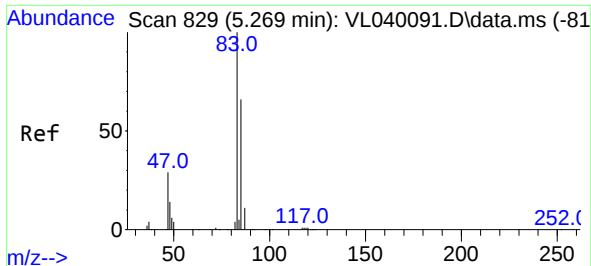
Tgt Ion: 73 Resp: 45296

Ion Ratio Lower Upper

73 100

57 22.1 18.3 27.5





#29

Chloroform

Concen: 0.592 ppbv m

RT: 5.266 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022

Tgt Ion: 83 Resp: 73718

Ion Ratio Lower Upper

83 100

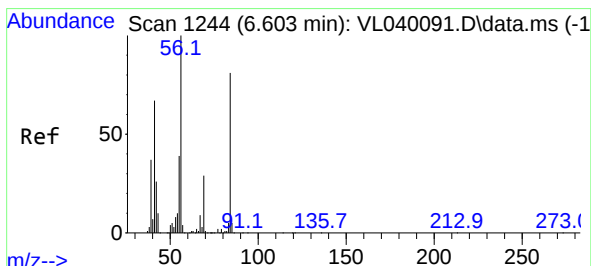
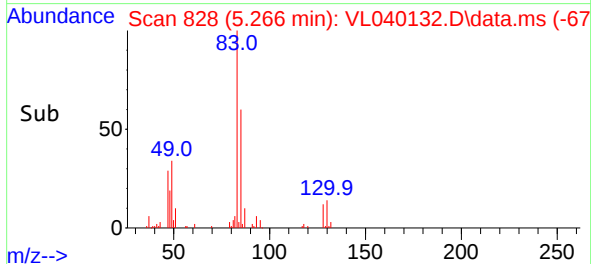
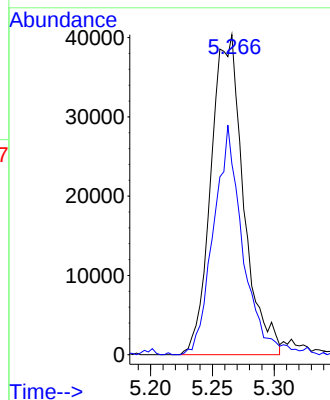
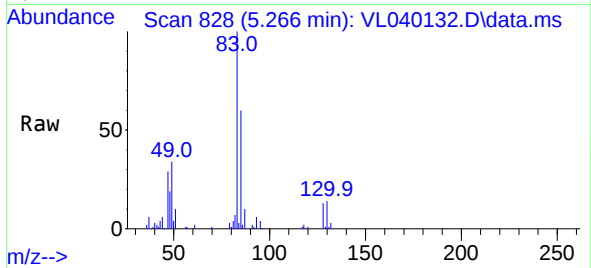
85 59.7 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#30

Cyclohexane

Concen: 0.532 ppbv m

RT: 6.597 min Scan# 1242

Delta R.T. 0.006 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

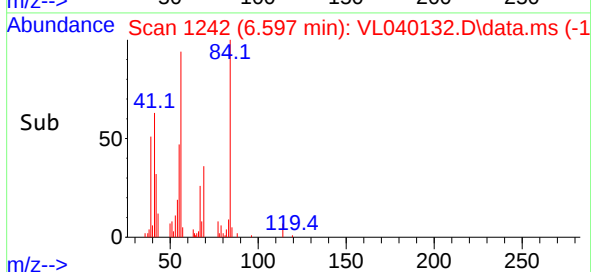
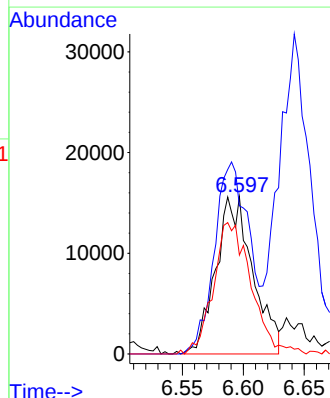
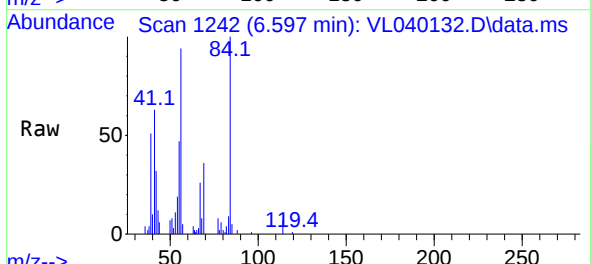
Tgt Ion: 84 Resp: 32953

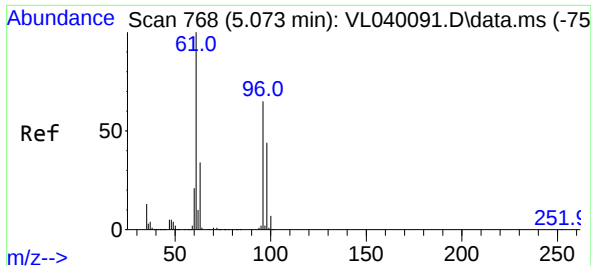
Ion Ratio Lower Upper

84 100

56 121.6 111.5 167.3

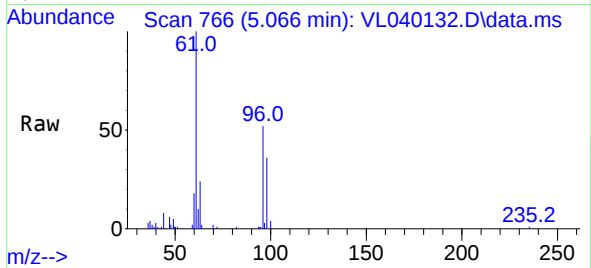
41 86.2 71.4 107.0





#31
cis-1,2-Dichloroethene
Concen: 0.557 ppbv
RT: 5.066 min Scan# 766
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

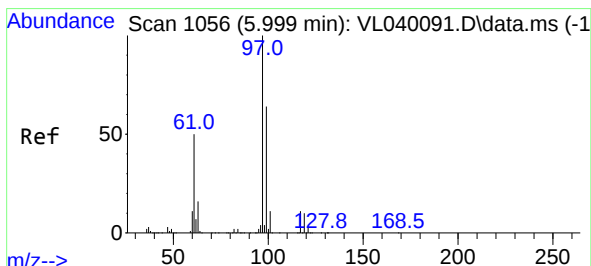
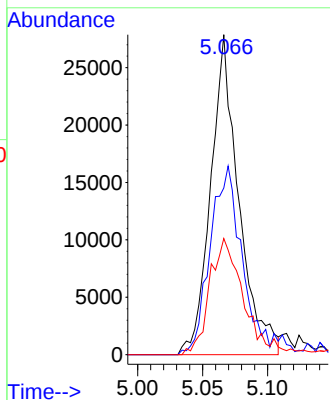
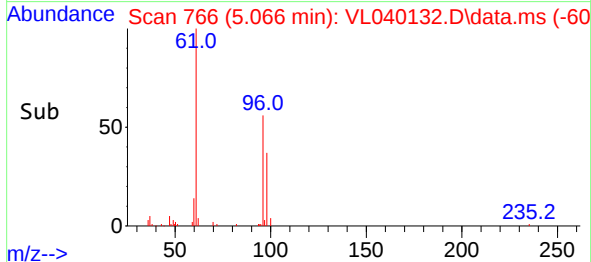
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



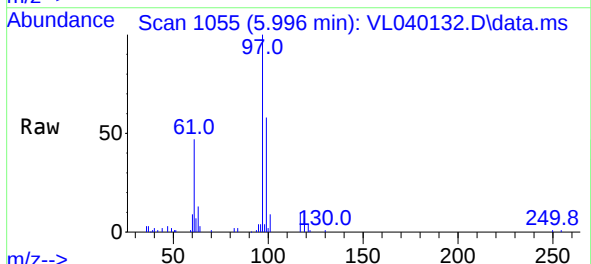
Tgt Ion: 61 Resp: 4195
Ion Ratio Lower Upper
61 100
96 52.1 52.0 78.0
98 36.3 35.3 52.9

Manual Integrations
APPROVED

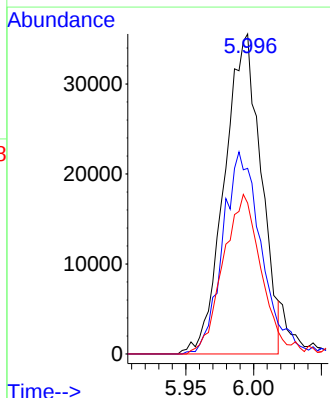
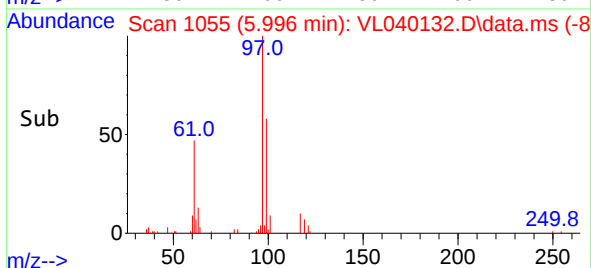
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

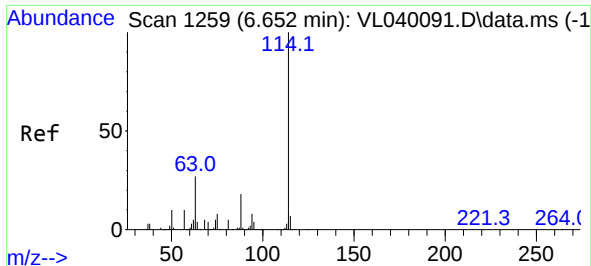


#32
1,1,1-Trichloroethane
Concen: 0.529 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



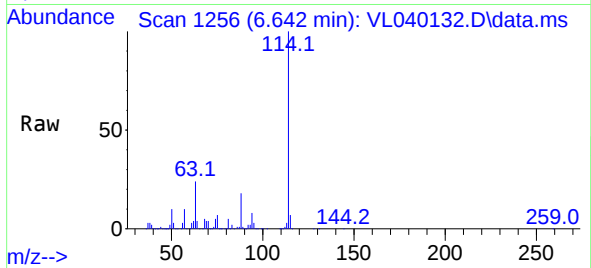
Tgt Ion: 97 Resp: 66915
Ion Ratio Lower Upper
97 100
99 67.2 51.8 77.6
61 53.2 40.4 60.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

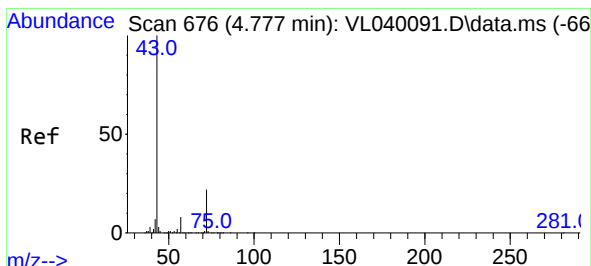
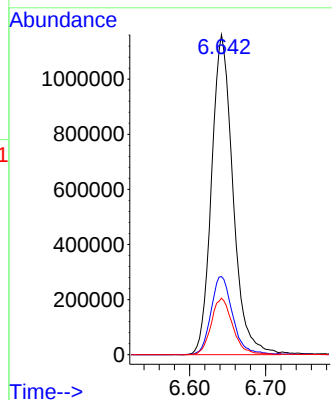
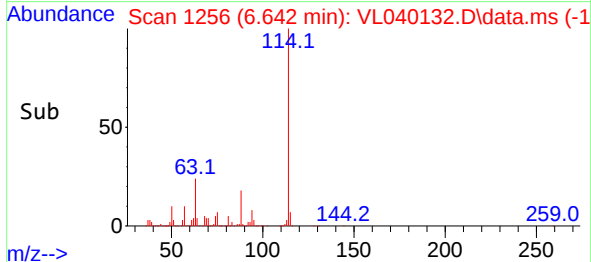
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion:114 Resp: 227707
Ion Ratio Lower Upper
114 100
63 25.1 21.8 32.8
88 17.9 14.8 22.2

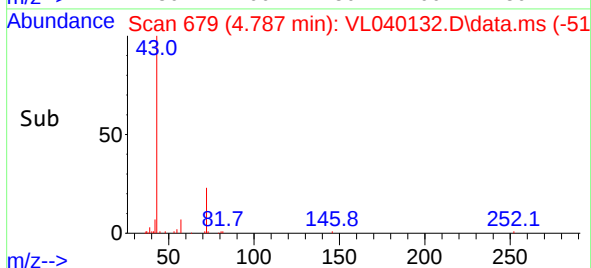
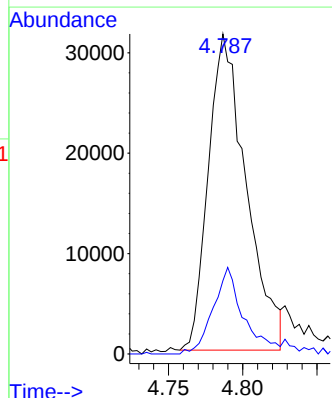
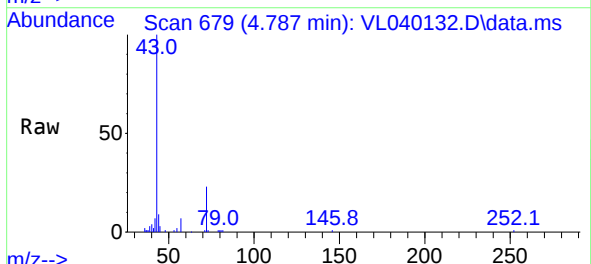
Manual Integrations
APPROVED

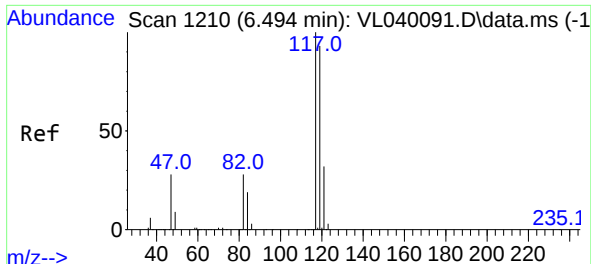
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#34
2-Butanone
Concen: 0.519 ppbv
RT: 4.787 min Scan# 679
Delta R.T. 0.016 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

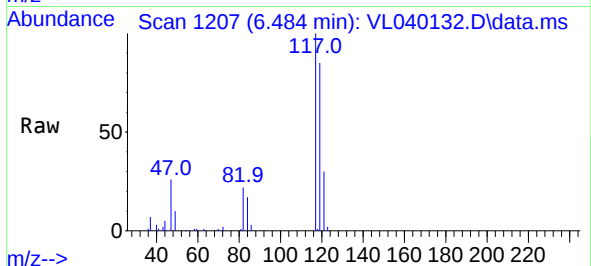
Tgt Ion: 43 Resp: 55949
Ion Ratio Lower Upper
43 100
72 24.4 18.4 27.6





#35
Carbon Tetrachloride
Concen: 0.550 ppbv
RT: 6.484 min Scan# 1167
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

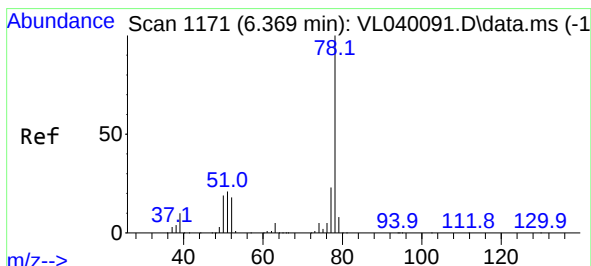
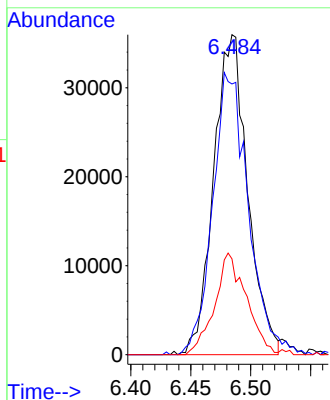
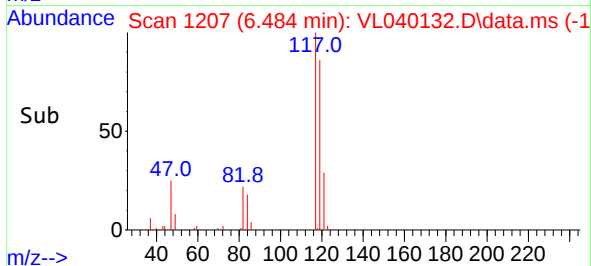
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 117 Resp: 7084
Ion Ratio Lower Upper
117 100
119 84.6 74.5 111.7
121 30.0 25.4 38.0

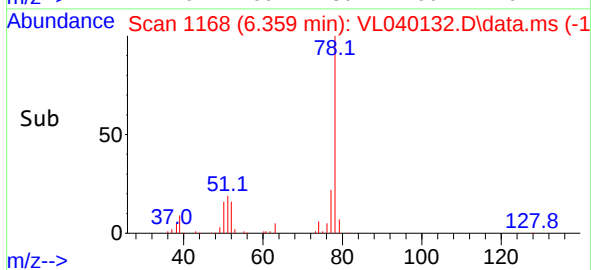
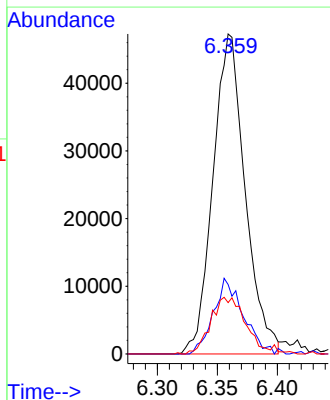
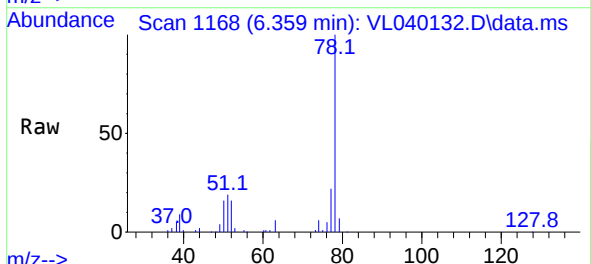
Manual Integrations
APPROVED

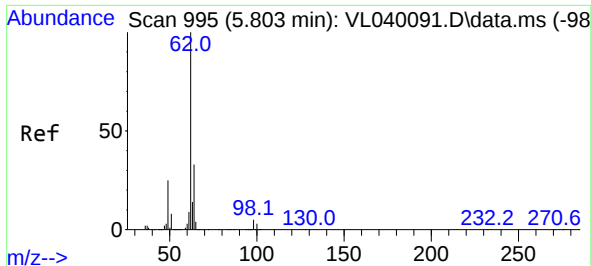
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#36
Benzene
Concen: 0.522 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Tgt Ion: 78 Resp: 88042
Ion Ratio Lower Upper
78 100
77 21.7 18.1 27.1
50 15.6 15.6 23.4





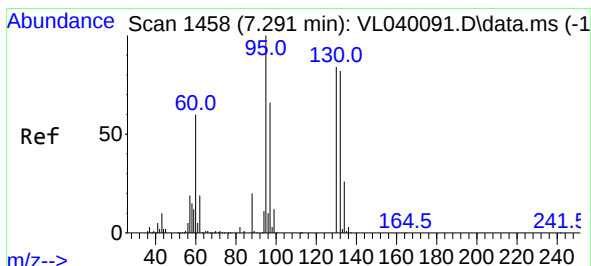
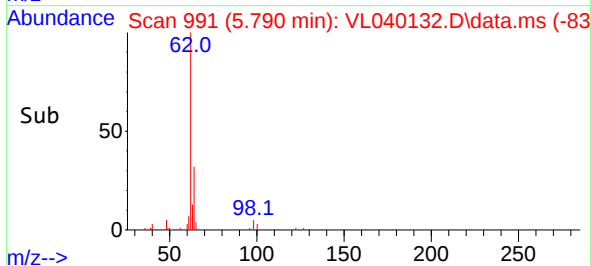
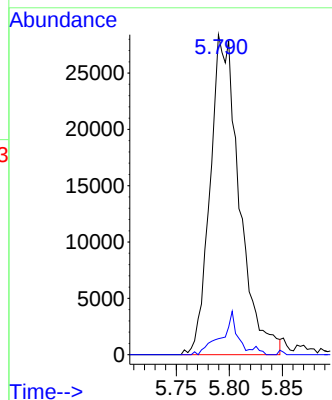
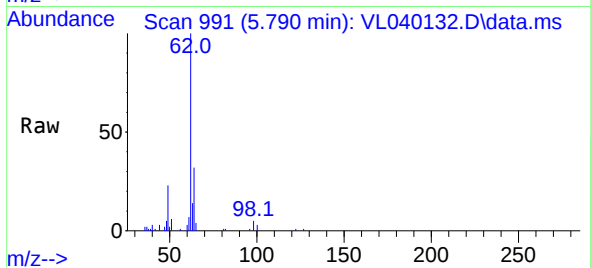
#37
1,2-Dichloroethane
Concen: 0.502 ppbv m
RT: 5.790 min Scan# 995
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Tgt Ion: 62 Resp: 5435
Ion Ratio Lower Upper
62 100
98 0.0 4.4 6.6

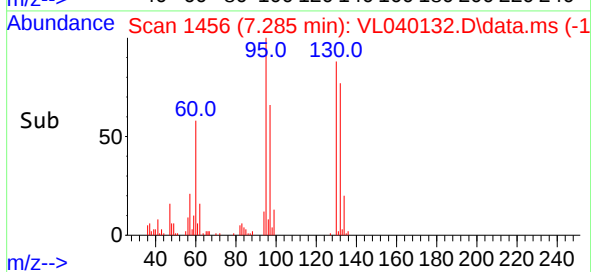
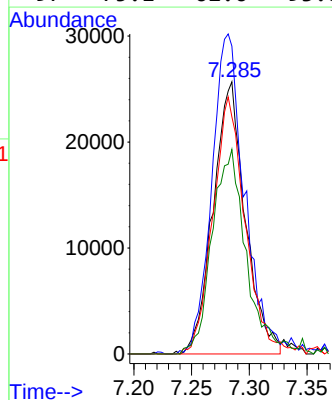
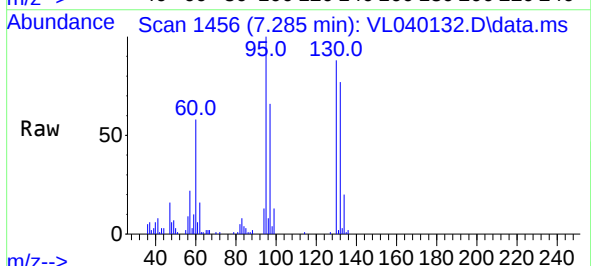
Manual Integrations
APPROVED

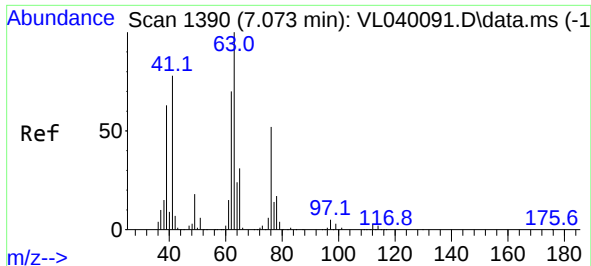
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#38
Trichloroethene
Concen: 0.520 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. 0.006 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Tgt Ion:130 Resp: 49749
Ion Ratio Lower Upper
130 100
95 111.8 95.0 142.6
132 87.1 77.9 116.9
97 75.1 62.6 93.8





#39

1,2-Dichloropropane

Concen: 0.546 ppbv

RT: 7.060 min Scan# 1466

Delta R.T. -0.003 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022

Tgt Ion: 63 Resp: 3597

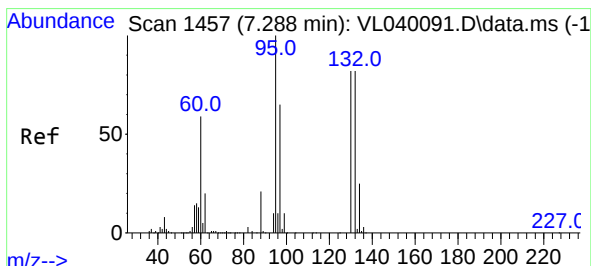
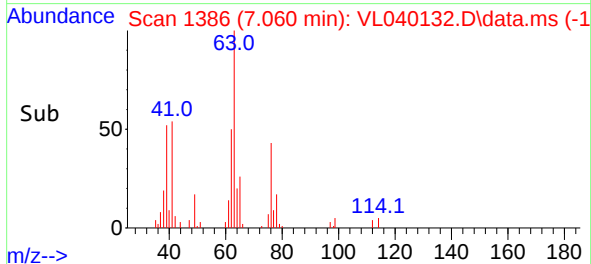
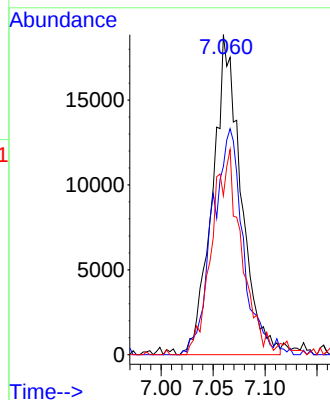
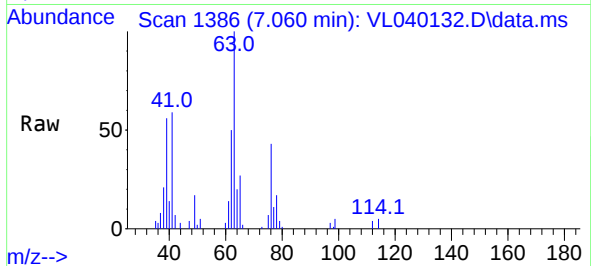
Ion	Ratio	Lower	Upper
63	100		
41	58.9	62.2	93.4
62	49.7	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#40

1,4-Dioxane

Concen: 0.585 ppbv m

RT: 7.317 min Scan# 1466

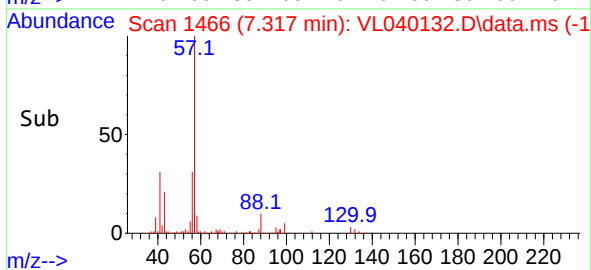
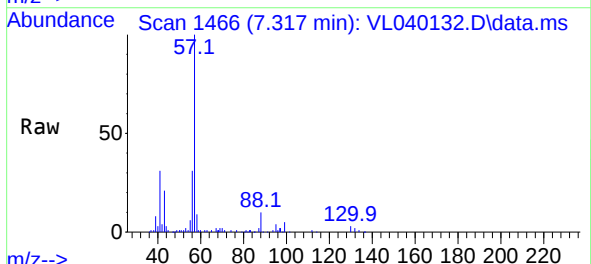
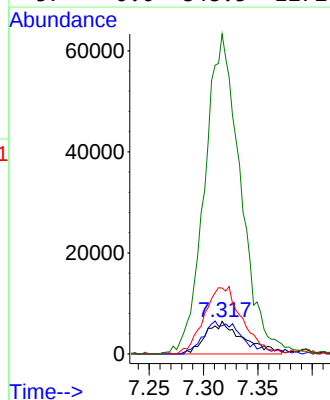
Delta R.T. 0.042 min

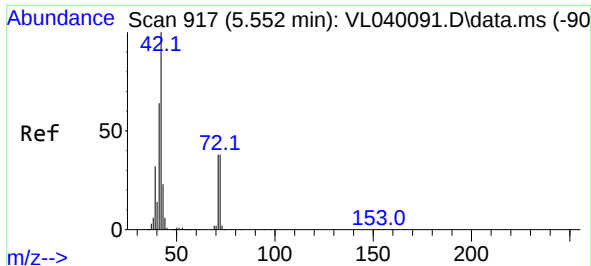
Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Tgt Ion: 88 Resp: 15314

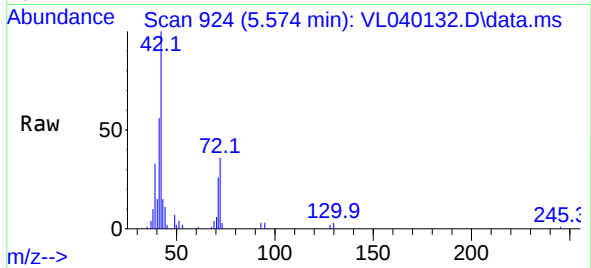
Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.5	146.3
43	0.0	195.0	292.4
57	0.0	848.5	1272.7





#41
Tetrahydrofuran
Concen: 0.457 ppbv
RT: 5.574 min Scan# 917
Delta R.T. 0.032 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

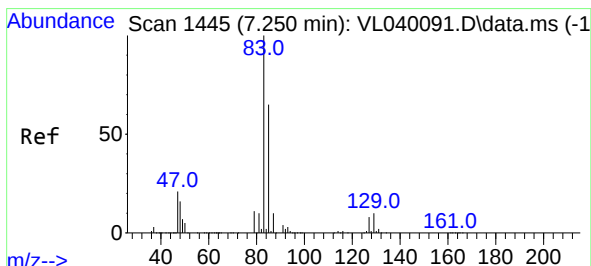
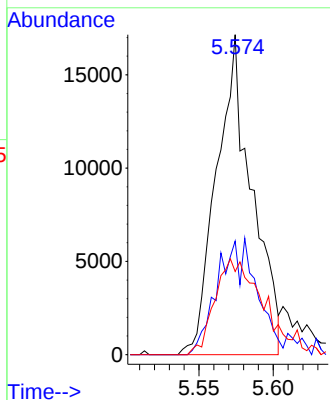
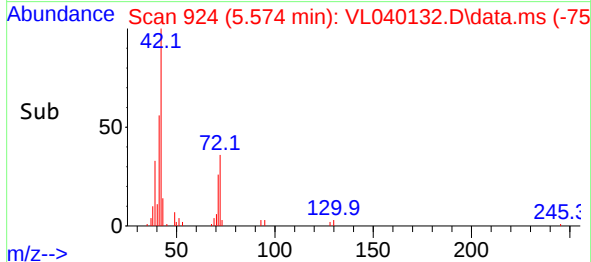
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



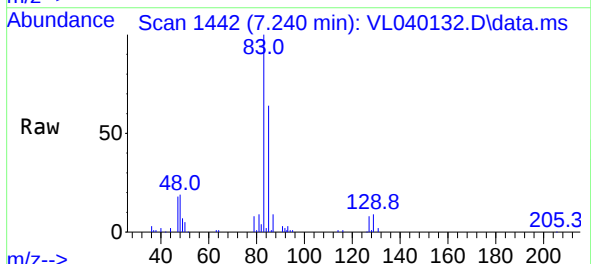
Tgt Ion: 42 Resp: 28390
Ion Ratio Lower Upper
42 100
72 45.0 31.9 47.9
71 42.8 31.4 47.2

Manual Integrations
APPROVED

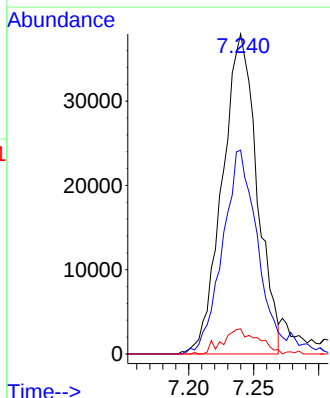
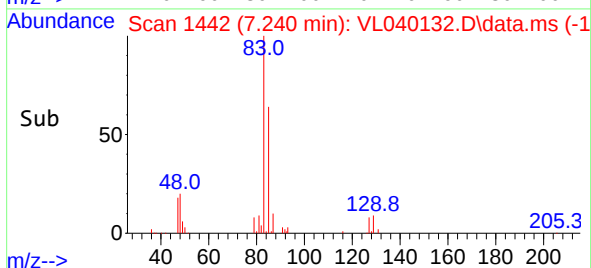
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

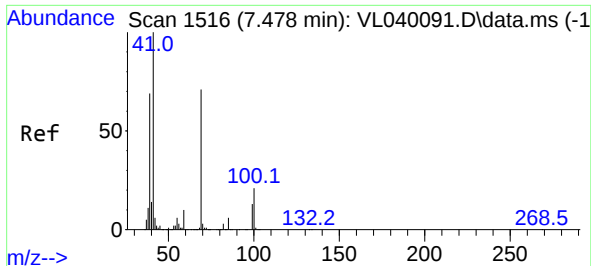


#42
Bromodichloromethane
Concen: 0.484 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



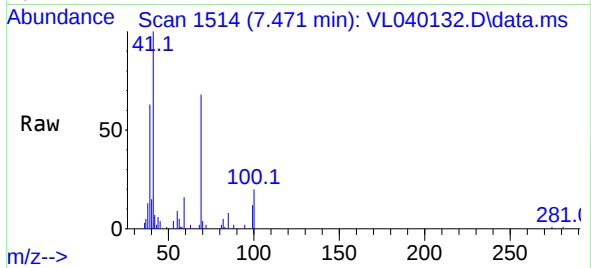
Tgt Ion: 83 Resp: 70805
Ion Ratio Lower Upper
83 100
85 63.7 51.7 77.5
127 7.8 6.2 9.2





#43
Methyl Methacrylate
Concen: 0.460 ppbv
RT: 7.471 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

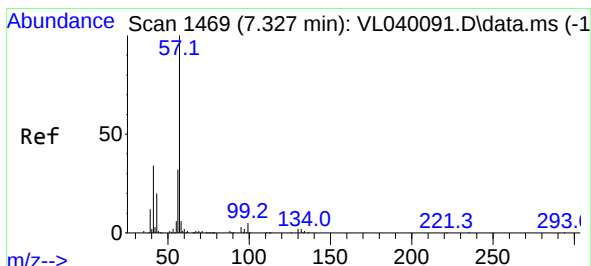
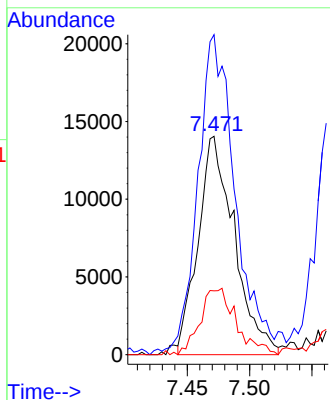
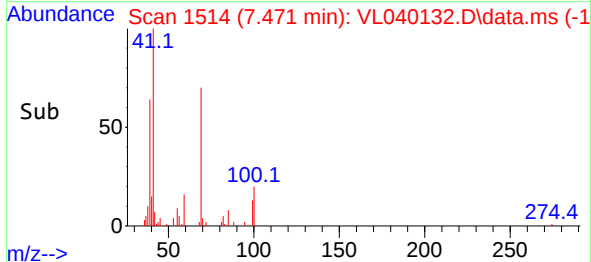
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



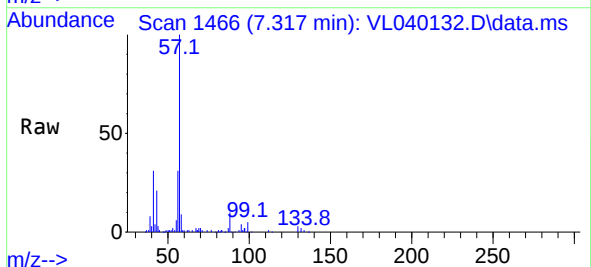
Tgt Ion: 69 Resp: 2846
Ion Ratio Lower Upper
69 100
41 154.0 118.2 177.2
100 30.3 24.2 36.4

Manual Integrations
APPROVED

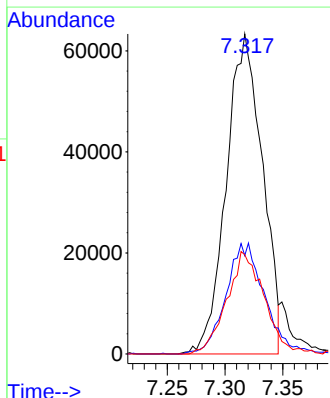
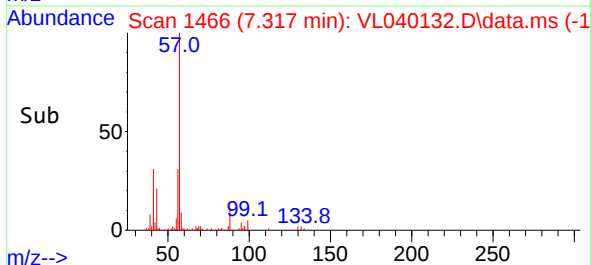
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

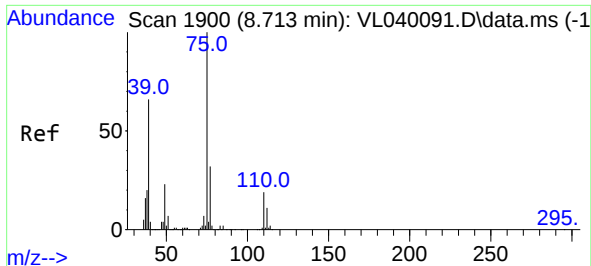


#44
2,2,4-Trimethylpentane
Concen: 0.491 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



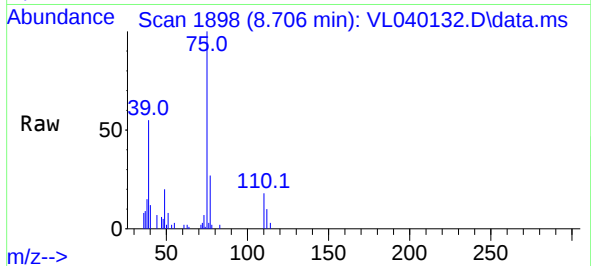
Tgt Ion: 57 Resp: 137599
Ion Ratio Lower Upper
57 100
41 37.5 27.1 40.7
56 33.2 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 0.398 ppbv
RT: 8.706 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

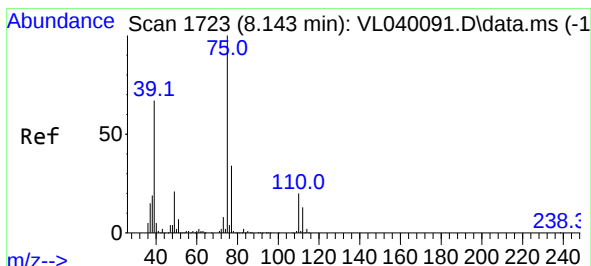
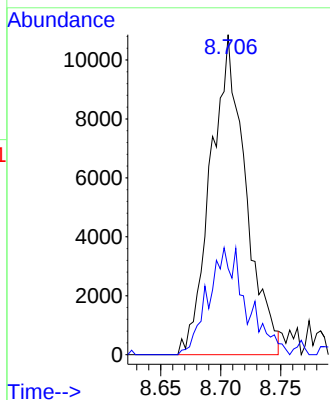
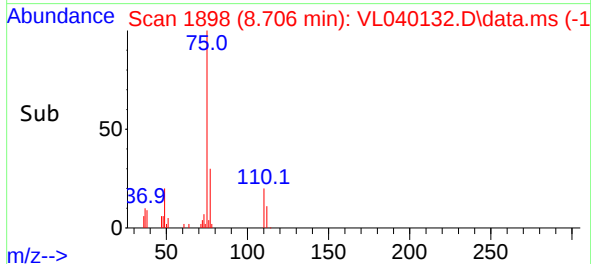
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



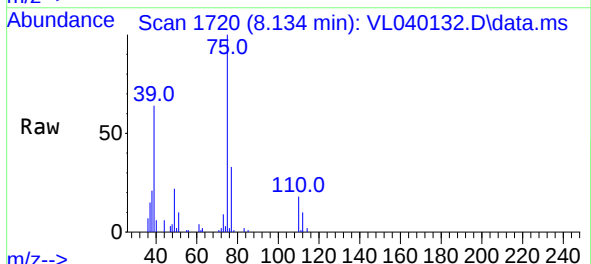
Tgt Ion: 75 Resp: 21950
Ion Ratio Lower Upper
75 100
77 27.0 25.6 38.4

Manual Integrations
APPROVED

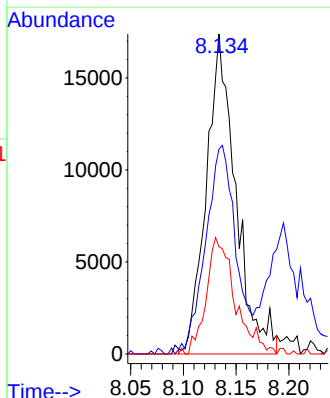
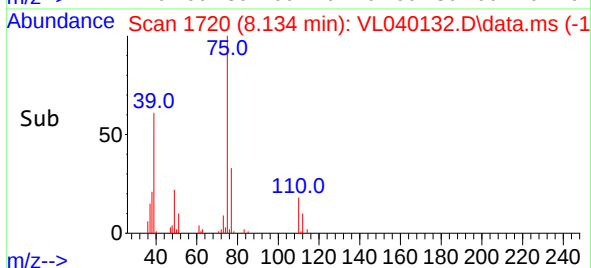
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

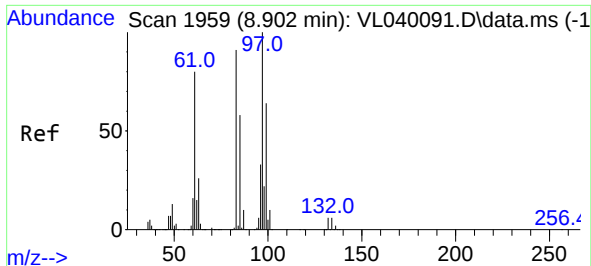


#46
cis-1,3-Dichloropropene
Concen: 0.447 ppbv m
RT: 8.134 min Scan# 1720
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



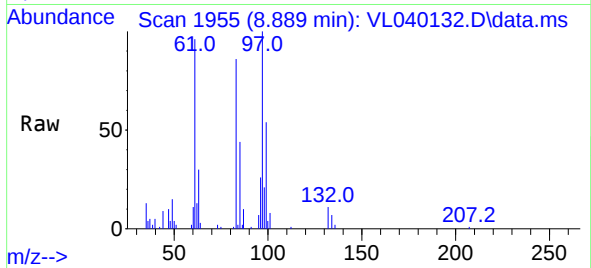
Tgt Ion: 75 Resp: 33711
Ion Ratio Lower Upper
75 100
39 64.1 53.6 80.4
77 33.5 26.9 40.3





#47
1,1,2-Trichloroethane
Concen: 0.525 ppbv
RT: 8.889 min Scan# 1959
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

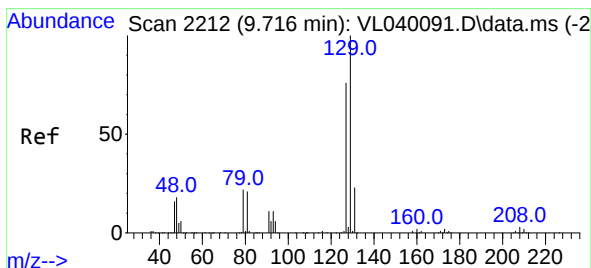
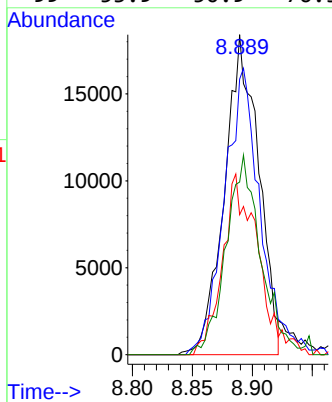
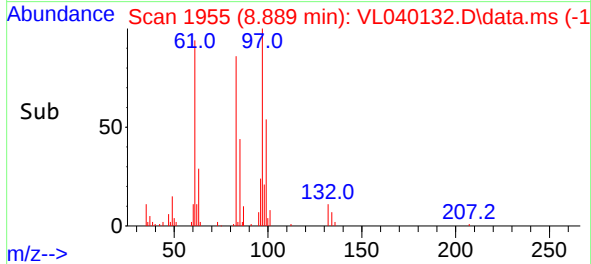
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 97 Resp: 36425
Ion Ratio Lower Upper
97 100
83 86.1 72.9 109.3
85 43.8 46.0 69.0
99 53.9 50.9 76.3

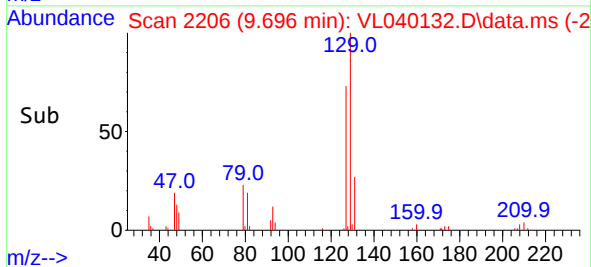
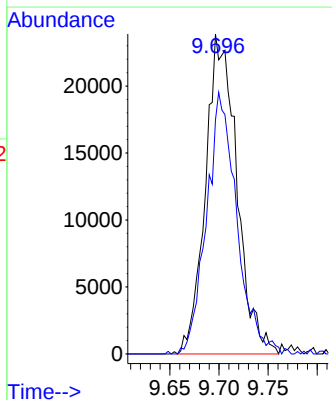
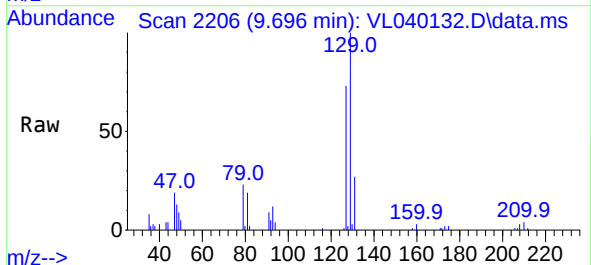
Manual Integrations
APPROVED

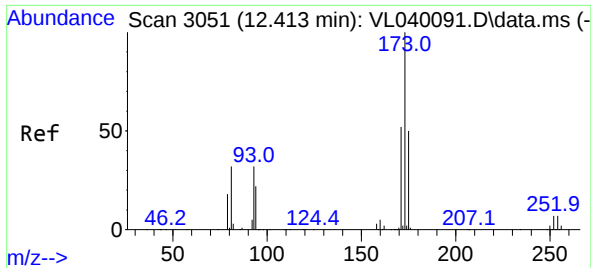
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#48
Dibromochloromethane
Concen: 0.474 ppbv m
RT: 9.696 min Scan# 2206
Delta R.T. -0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

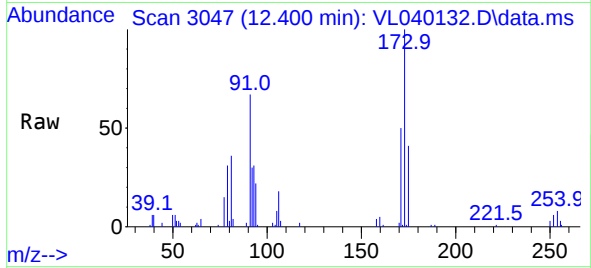
Tgt Ion:129 Resp: 52900
Ion Ratio Lower Upper
129 100
127 79.7 39.3 117.9





#49
Bromoform
Concen: 0.452 ppbv m
RT: 12.400 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

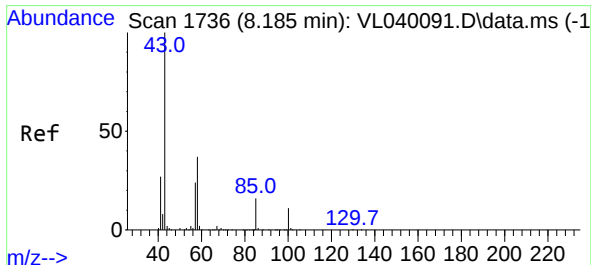
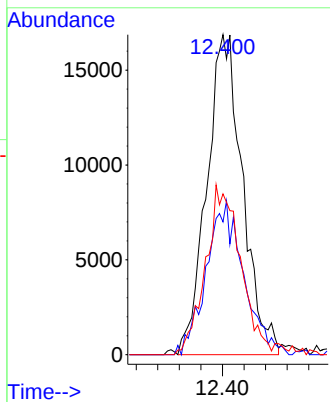
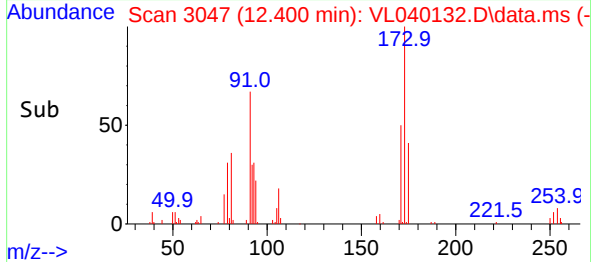
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 173 Resp: 3885
Ion Ratio Lower Upper
173 100
175 0.0 39.7 59.5
171 52.1 42.2 63.2

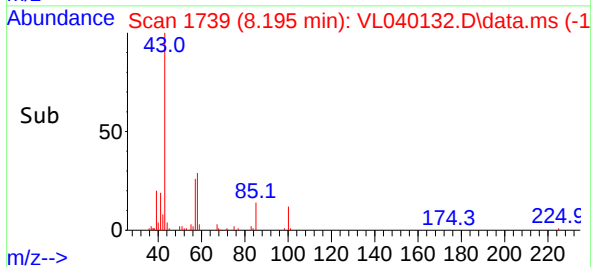
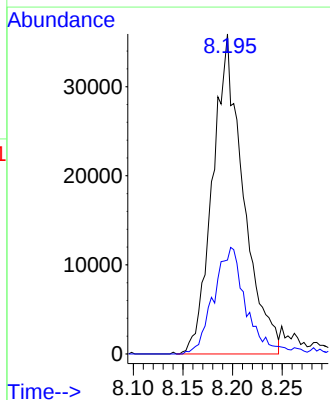
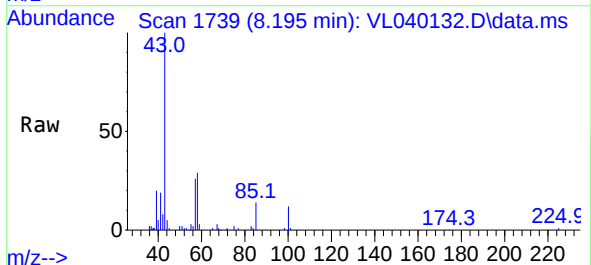
Manual Integrations
APPROVED

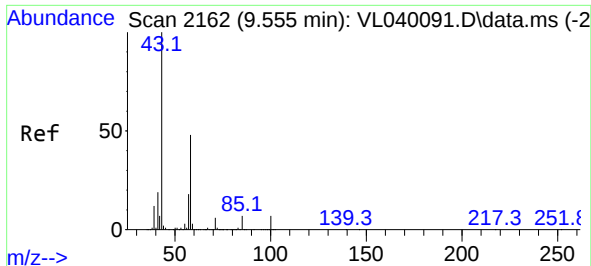
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#50
4-Methyl-2-Pentanone
Concen: 0.456 ppbv m
RT: 8.195 min Scan# 1739
Delta R.T. 0.026 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

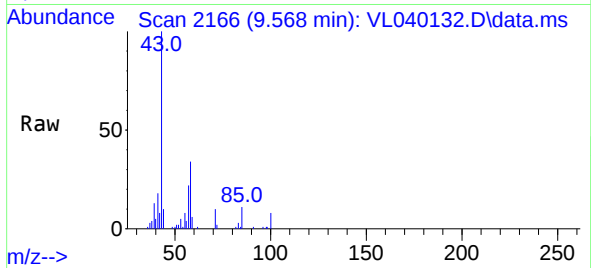
Tgt Ion: 43 Resp: 77265
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#51
2-Hexanone
Concen: 0.439 ppbv m
RT: 9.568 min Scan# 2162
Delta R.T. 0.026 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

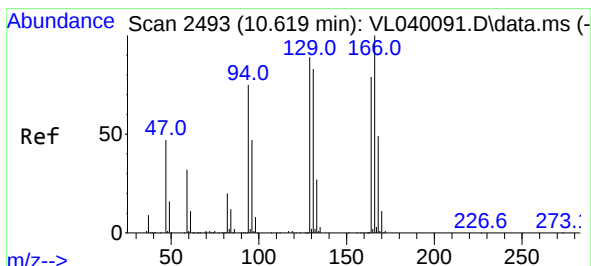
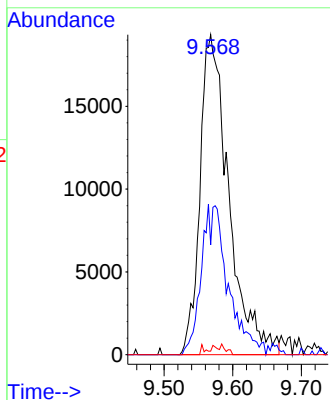
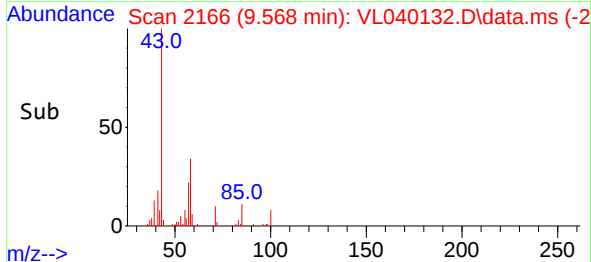
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



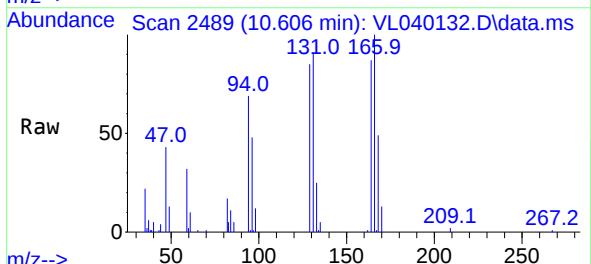
Tgt Ion: 43 Resp: 56378
Ion Ratio Lower Upper
43 100
58 43.9 37.5 56.3
98 0.1 0.4 0.6

Manual Integrations
APPROVED

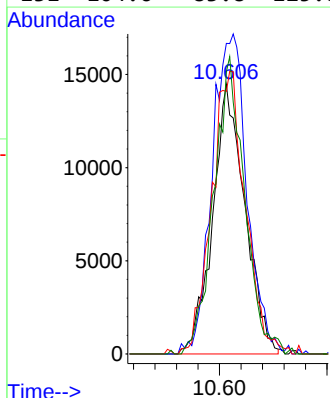
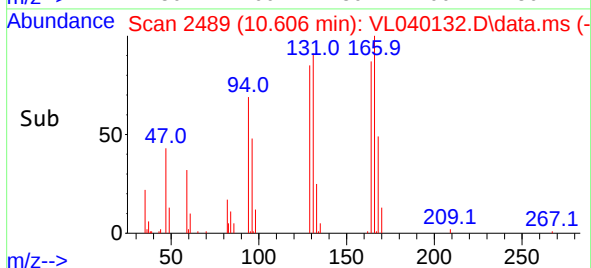
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

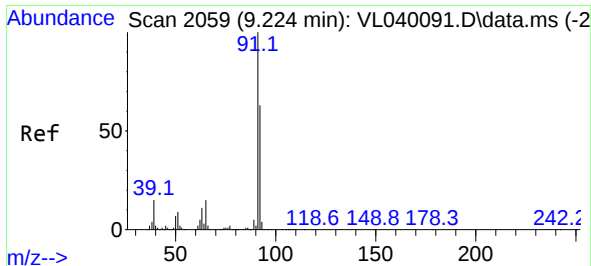


#52
Tetrachloroethene
Concen: 0.547 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



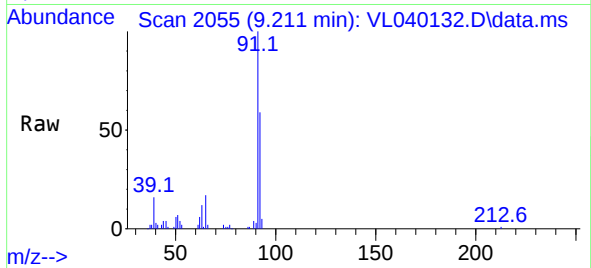
Tgt Ion:164 Resp: 30168
Ion Ratio Lower Upper
164 100
166 115.2 101.2 151.8
129 97.4 90.2 135.2
131 104.6 83.8 125.8





#53
Toluene
Concen: 0.475 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

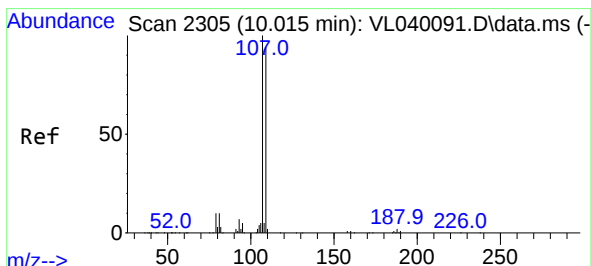
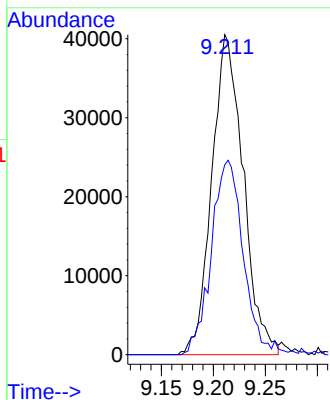
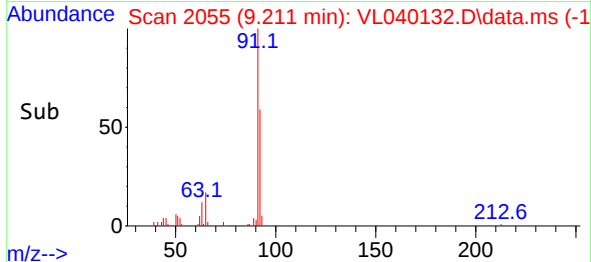
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



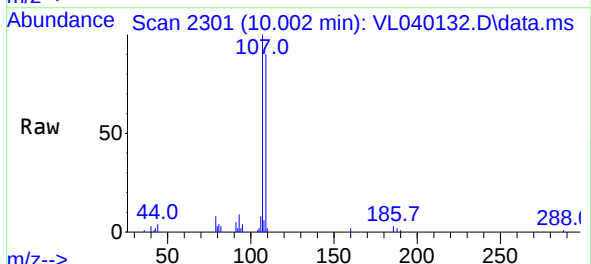
Tgt Ion: 91 Resp: 8530
Ion Ratio Lower Upper
91 100
92 62.6 48.3 72.5

Manual Integrations
APPROVED

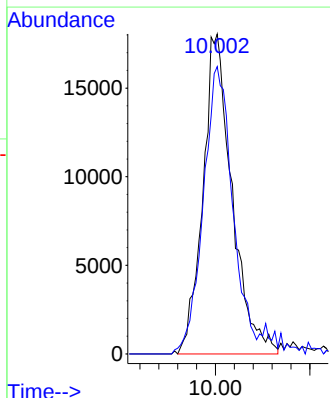
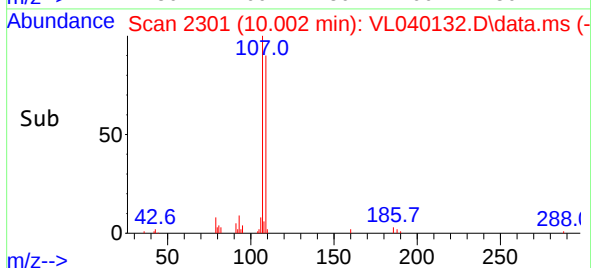
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

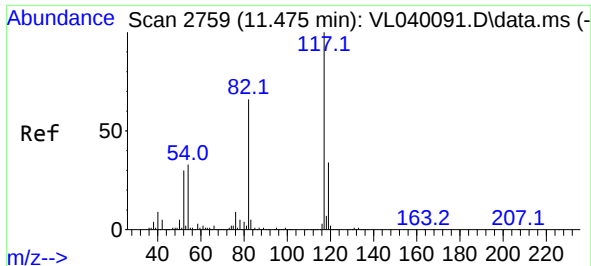


#54
1,2-Dibromoethane
Concen: 0.531 ppbv m
RT: 10.002 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



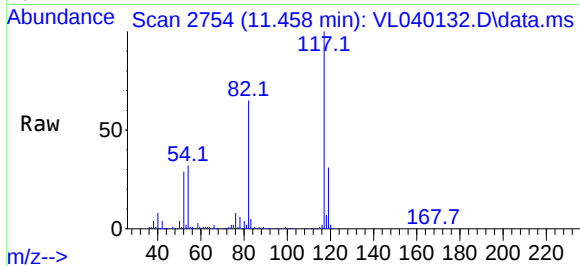
Tgt Ion:107 Resp: 38603
Ion Ratio Lower Upper
107 100
109 89.8 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

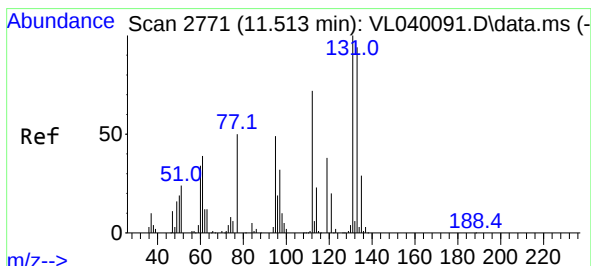
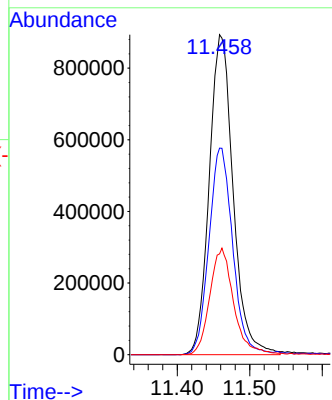
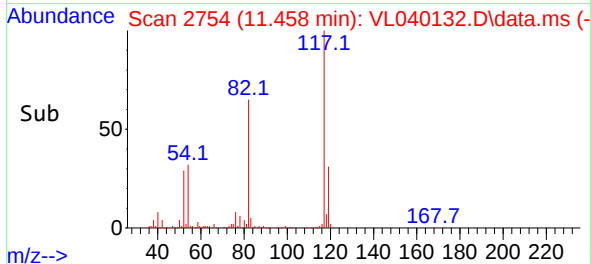
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion:117 Resp: 2042379
Ion Ratio Lower Upper
117 100
82 65.0 54.4 81.6
119 33.7 26.8 40.2

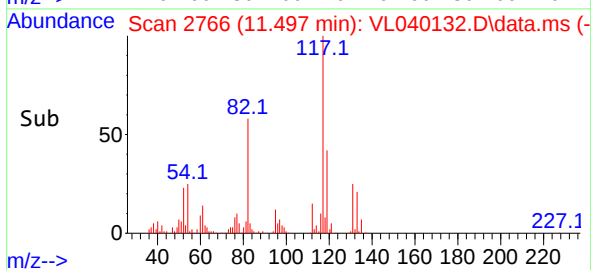
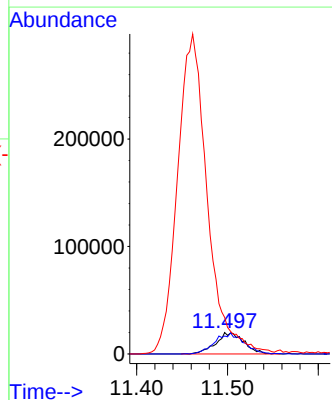
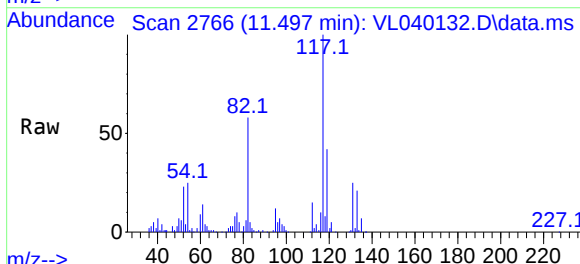
Manual Integrations
APPROVED

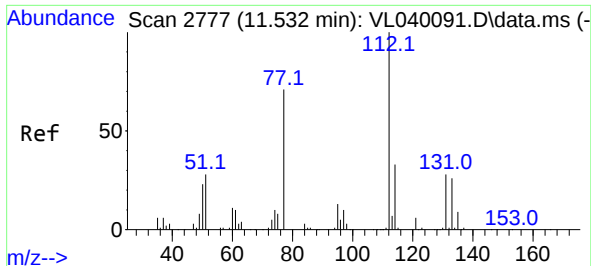
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.538 ppbv m
RT: 11.497 min Scan# 2766
Delta R.T. -0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

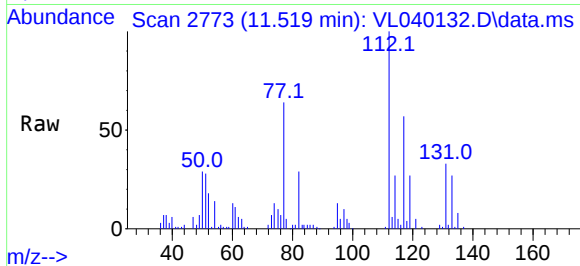
Tgt Ion:131 Resp: 42740
Ion Ratio Lower Upper
131 100
133 101.6 75.6 113.4
119 0.0 47.2 70.8#





#57
Chlorobenzene
Concen: 0.558 ppbv
RT: 11.519 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

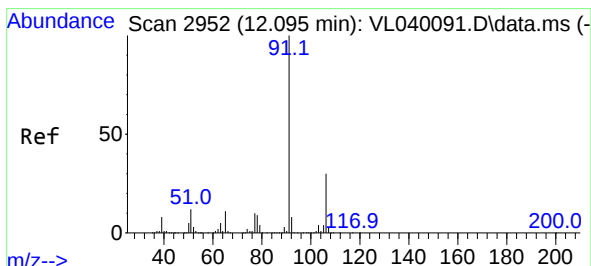
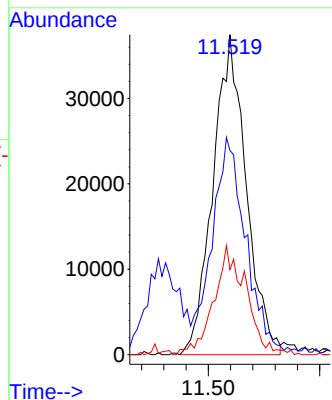
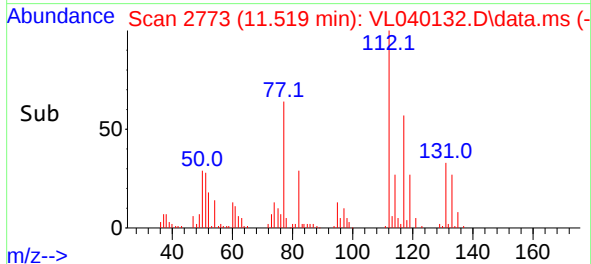
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 112 Resp: 77690
Ion Ratio Lower Upper
112 100
77 61.0 57.3 85.9
114 25.2 29.6 36.2

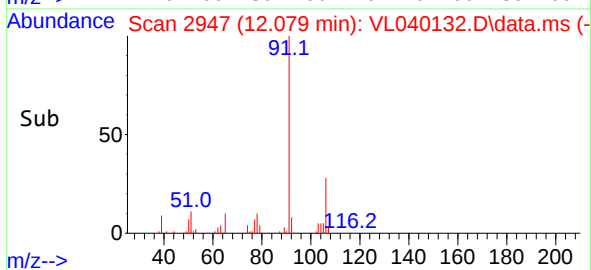
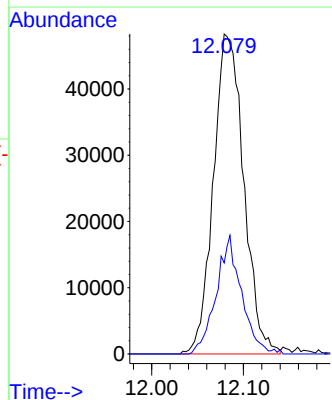
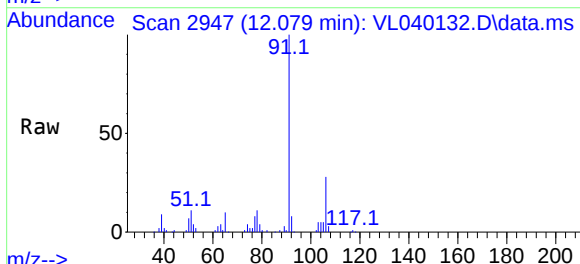
Manual Integrations
APPROVED

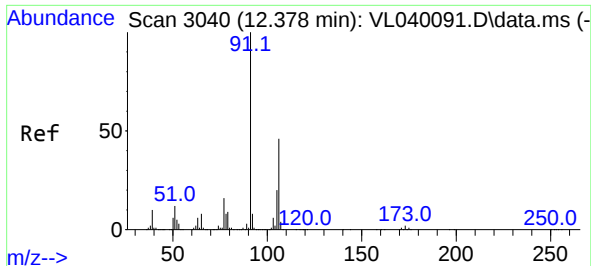
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#58
Ethyl Benzene
Concen: 0.486 ppbv
RT: 12.079 min Scan# 2947
Delta R.T. -0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Tgt Ion: 91 Resp: 110815
Ion Ratio Lower Upper
91 100
106 28.4 23.7 35.5





#59

m/p-Xylene

Concen: 1.013 ppbv m

RT: 12.362 min Scan# 3040

Delta R.T. -0.003 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022

Tgt Ion: 91 Resp: 207634

Ion Ratio Lower Upper

91 100

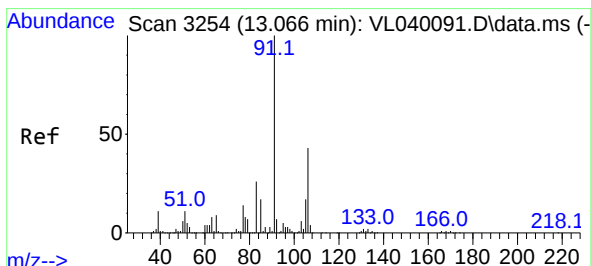
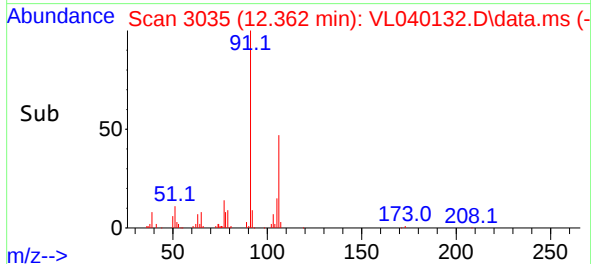
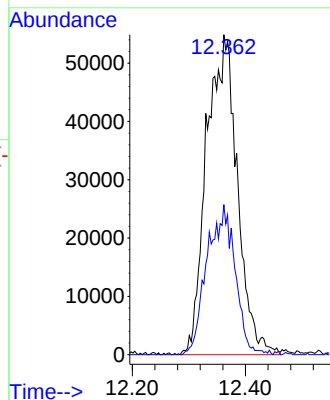
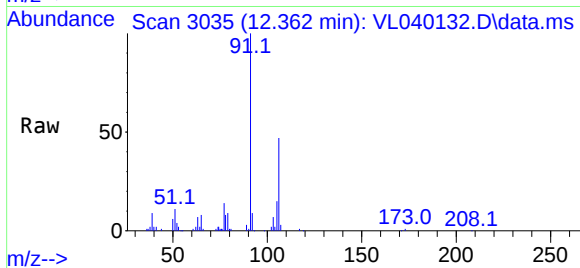
106 42.8 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#60

o-Xylene

Concen: 0.485 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.006 min

Lab File: VL040132.D

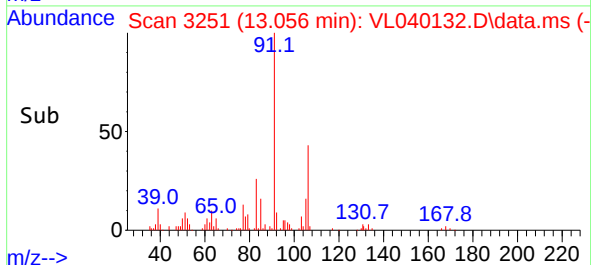
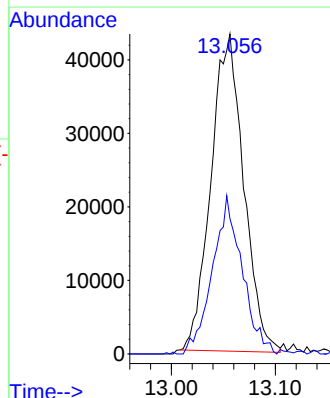
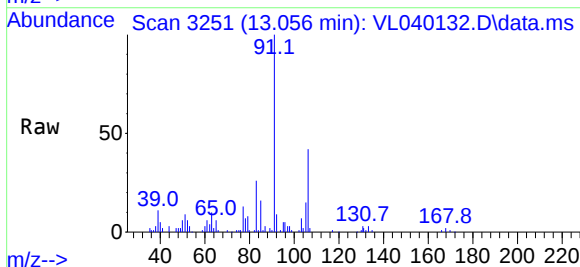
Acq: 30 Jan 2023 14:39

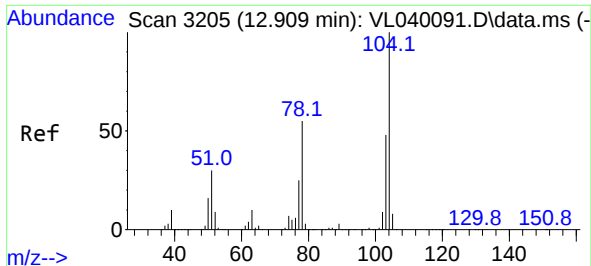
Tgt Ion: 91 Resp: 94421

Ion Ratio Lower Upper

91 100

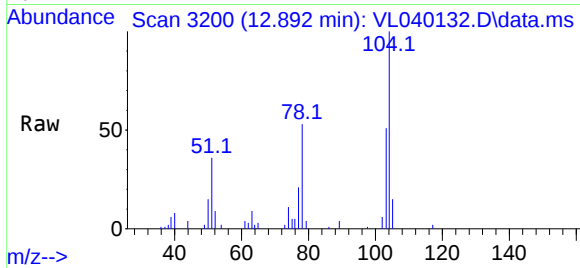
106 45.6 21.6 64.8





#61
Styrene
Concen: 0.414 ppbv
RT: 12.892 min Scan# 3194
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

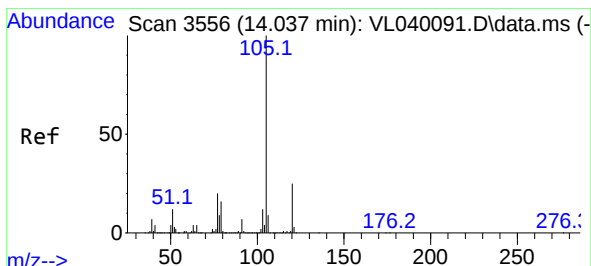
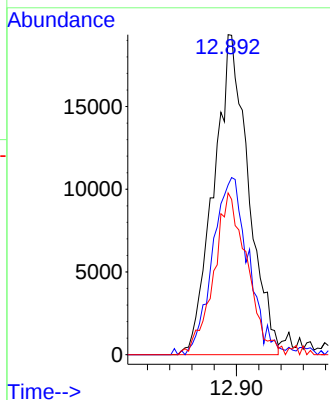
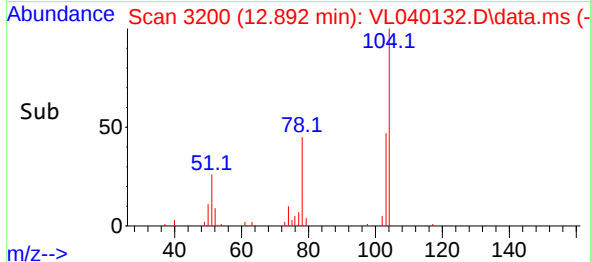
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



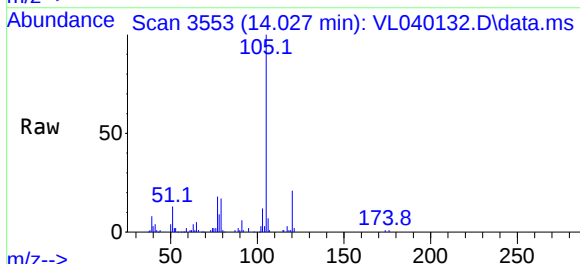
Tgt Ion:104 Resp: 41948
Ion Ratio Lower Upper
104 100
78 58.5 44.0 66.0
103 49.5 37.8 56.6

Manual Integrations
APPROVED

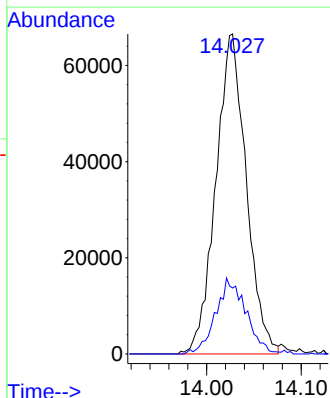
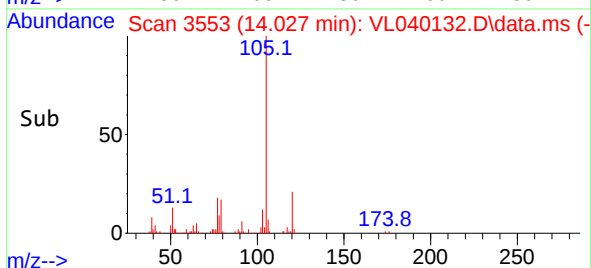
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

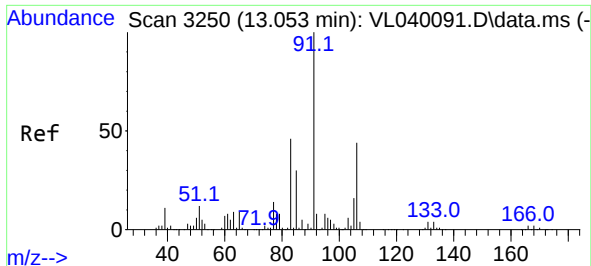


#62
Isopropylbenzene
Concen: 0.532 ppbv
RT: 14.027 min Scan# 3553
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



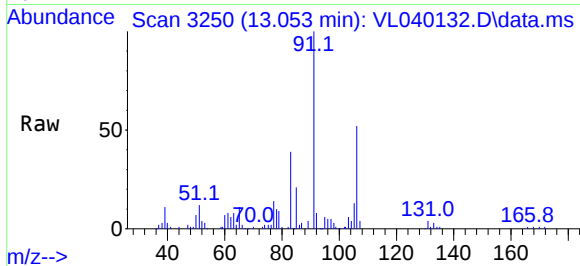
Tgt Ion:105 Resp: 148788
Ion Ratio Lower Upper
105 100
120 23.6 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.530 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

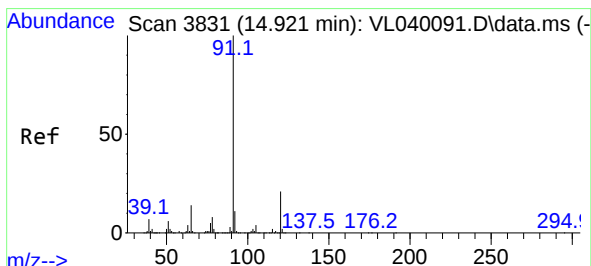
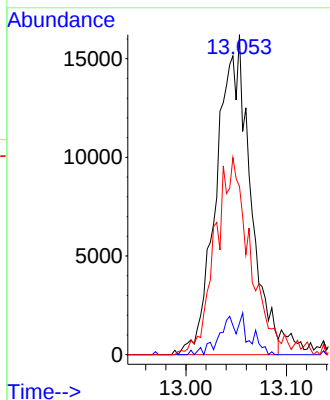
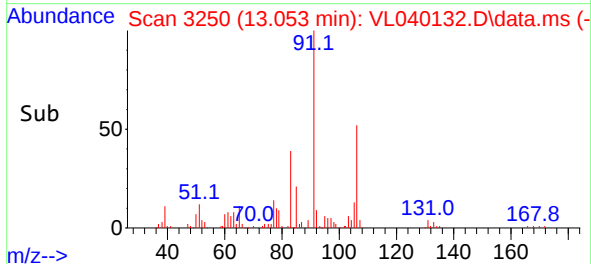
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



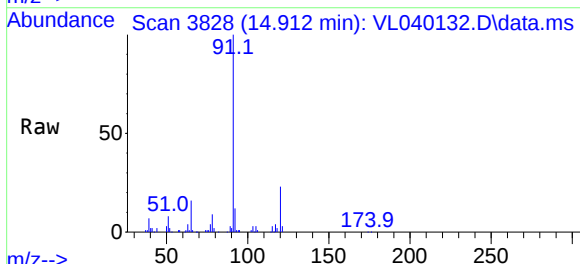
Tgt Ion: 83 Resp: 3743
Ion Ratio Lower Upper
83 100
131 0.0 4.3 13.1
85 66.7 32.5 97.5

Manual Integrations
APPROVED

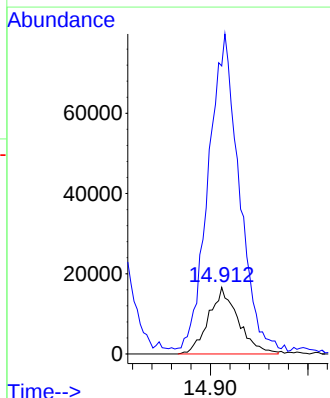
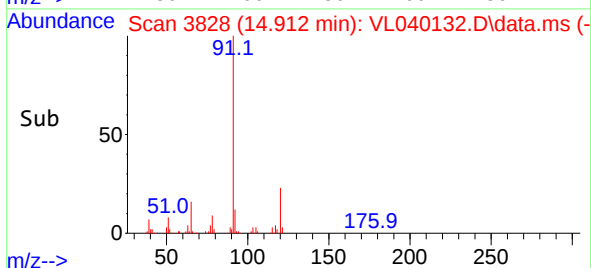
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

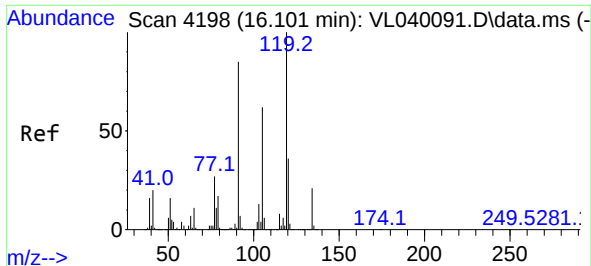


#64
n-propylbenzene
Concen: 0.501 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



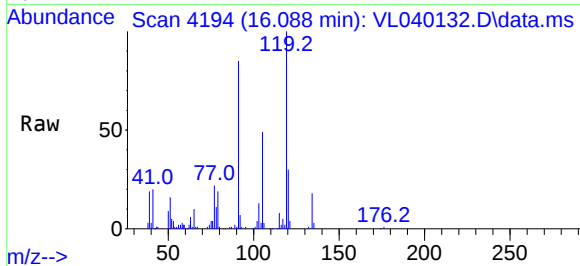
Tgt Ion:120 Resp: 34868
Ion Ratio Lower Upper
120 100
91 504.3 397.0 595.4





#65
tert-Butylbenzene
Concen: 0.500 ppbv m
RT: 16.088 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

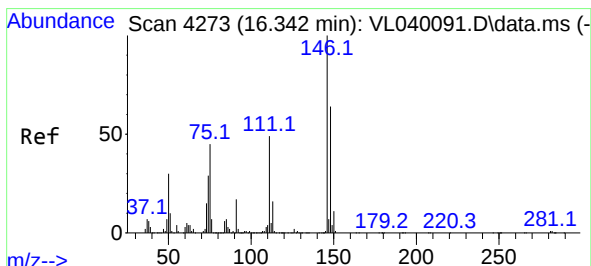
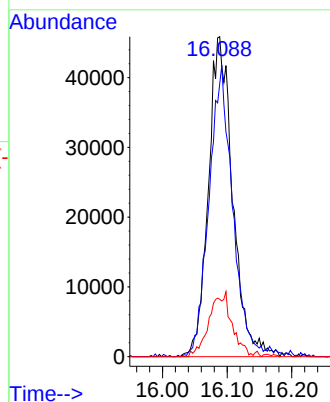
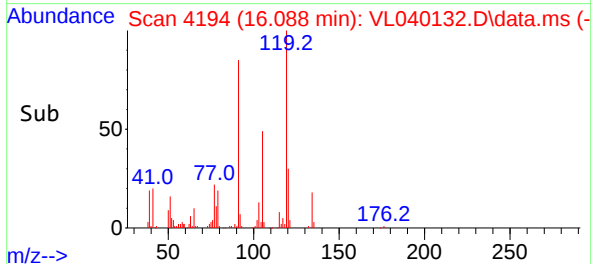
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



Tgt Ion: 119 Resp: 119810
Ion Ratio Lower Upper
119 100
91 89.9 69.5 104.3
134 0.0 15.8 23.8

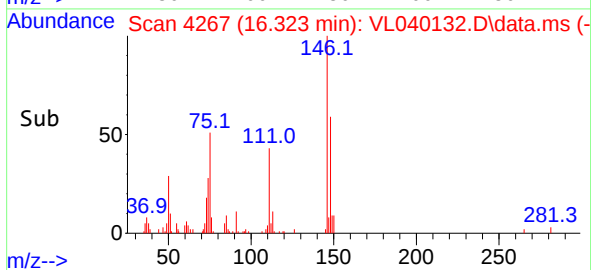
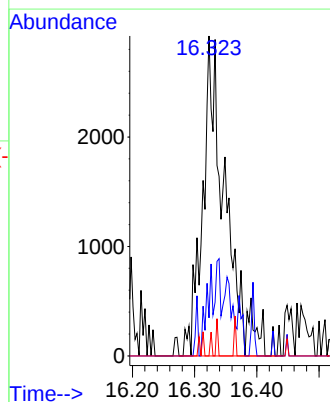
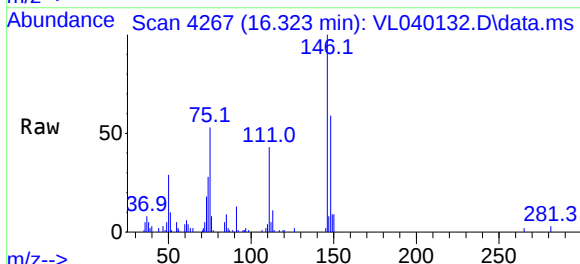
Manual Integrations
APPROVED

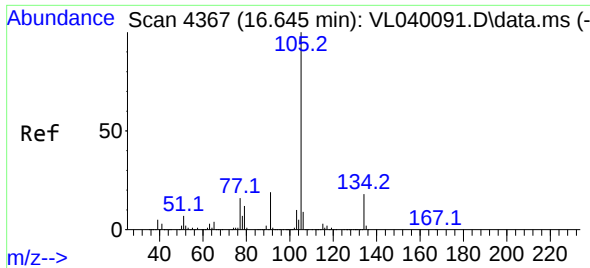
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#66
Benzyl Chloride
Concen: 0.459 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

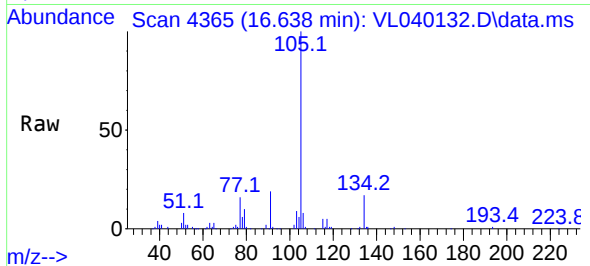
Tgt Ion: 91 Resp: 7517
Ion Ratio Lower Upper
91 100
126 6.2 11.5 17.3#
128 1.6 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 0.495 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39

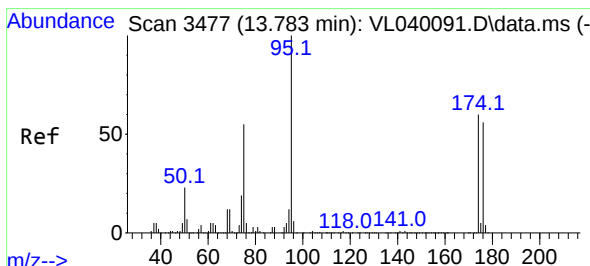
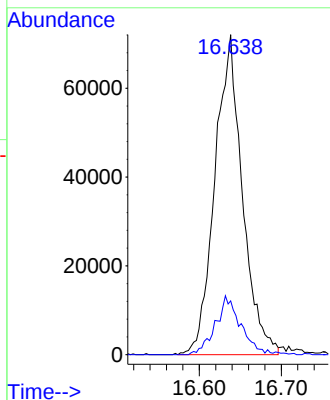
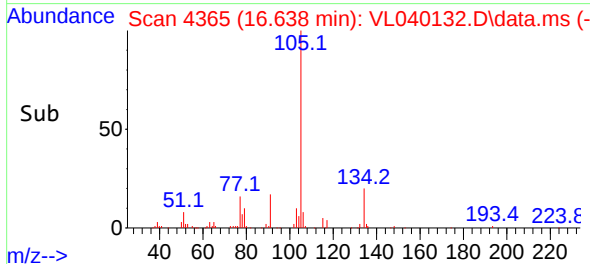
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT4-2022



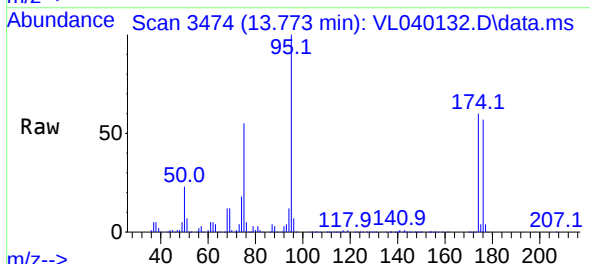
Tgt Ion:105 Resp: 168234
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.1 21.1

Manual Integrations
 APPROVED

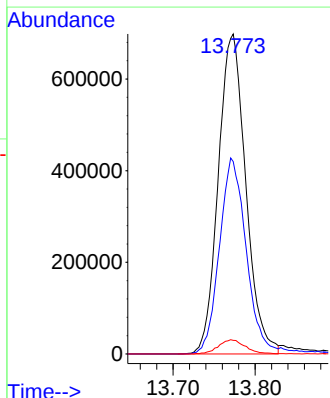
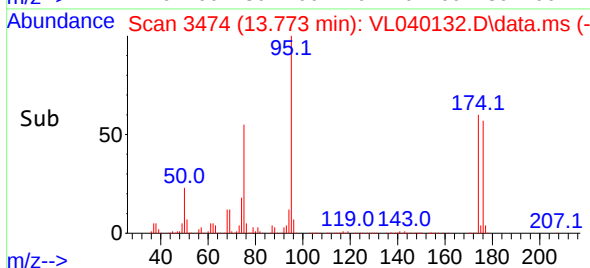
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023

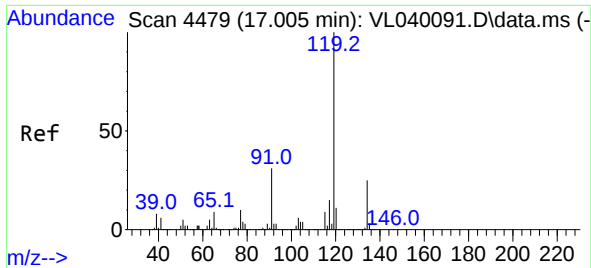


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.595 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. 0.003 min
 Lab File: VL040132.D
 Acq: 30 Jan 2023 14:39



Tgt Ion: 95 Resp: 1628623
 Ion Ratio Lower Upper
 95 100
 174 61.3 47.7 71.5
 175 4.5 3.4 5.2





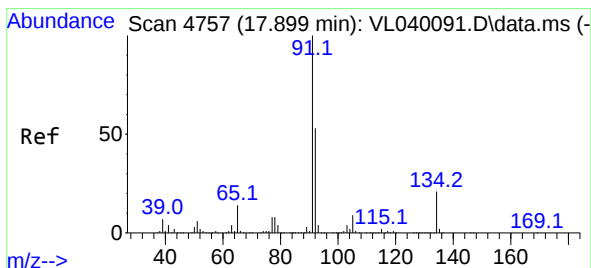
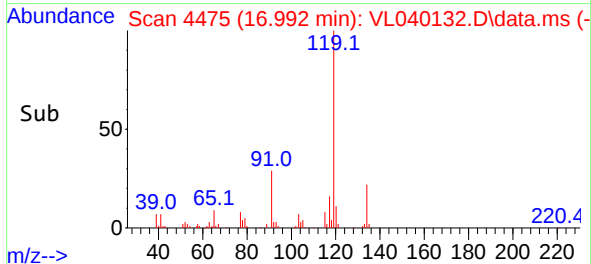
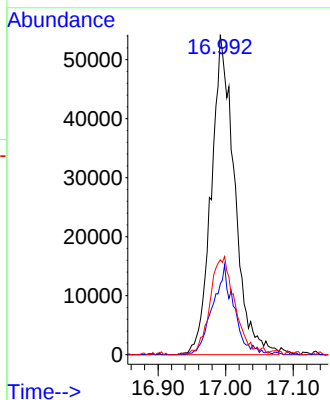
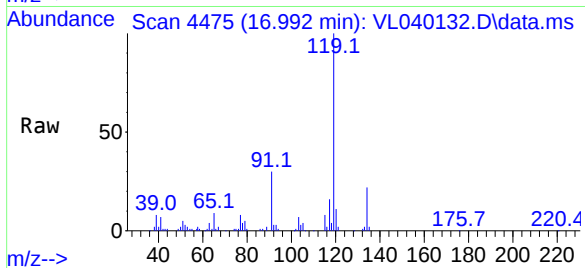
#69
p-Isopropyltoluene
Concen: 0.487 ppbv m
RT: 16.992 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Tgt Ion:119 Resp: 12994
Ion Ratio Lower Upper
119 100
134 26.1 20.1 30.1
91 33.6 25.0 37.4

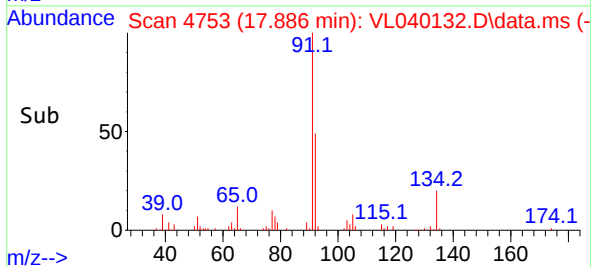
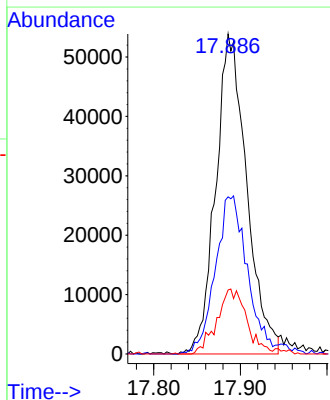
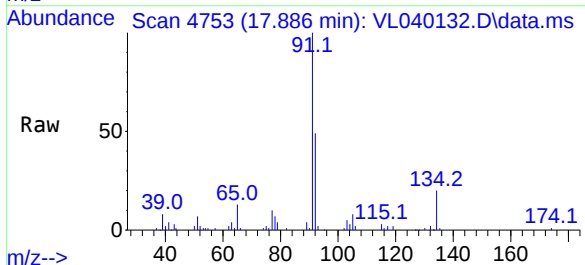
Manual Integrations
APPROVED

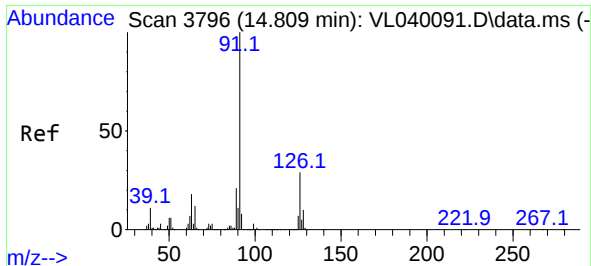
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#70
n-Butylbenzene
Concen: 0.465 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Tgt Ion: 91 Resp: 133857
Ion Ratio Lower Upper
91 100
92 52.5 42.8 64.2
134 20.2 16.9 25.3





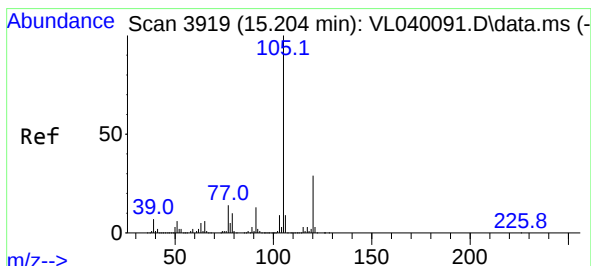
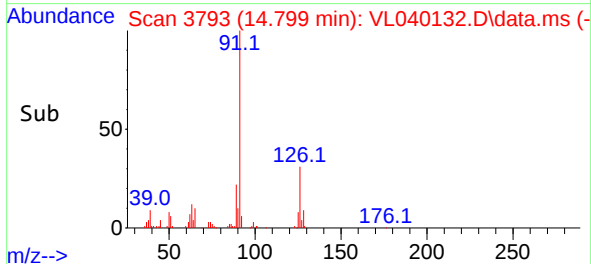
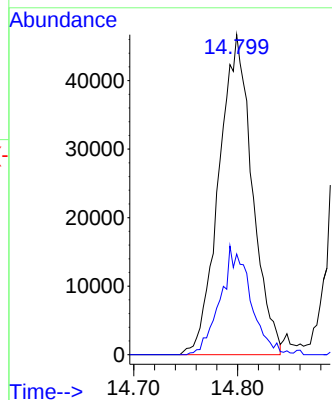
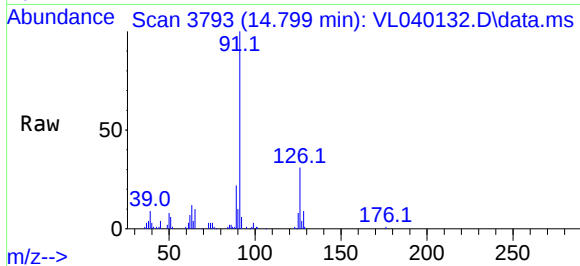
#71
2-Chlorotoluene
Concen: 0.484 ppbv
RT: 14.799 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Tgt Ion: 91 Resp: 104230
Ion Ratio Lower Upper
91 100
126 31.1 11.9 47.5

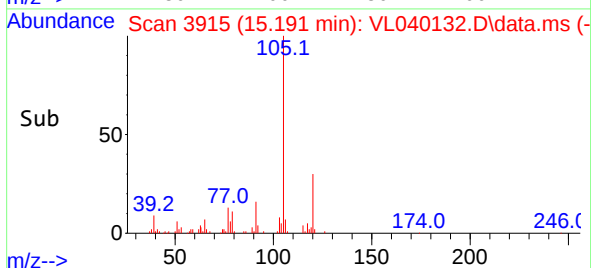
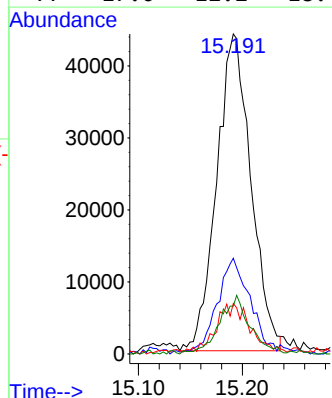
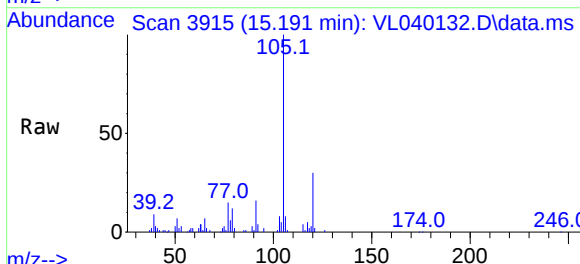
Manual Integrations
APPROVED

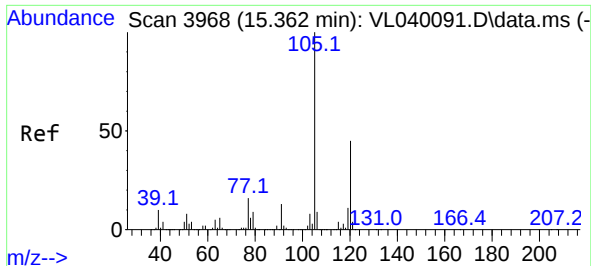
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#72
4-Ethyltoluene
Concen: 0.467 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

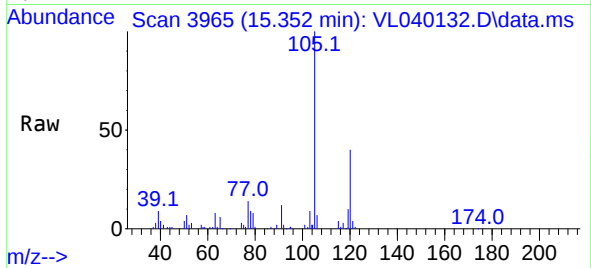
Tgt Ion:105 Resp: 100830
Ion Ratio Lower Upper
105 100
120 30.4 23.1 34.7
91 15.8 11.2 16.8
77 17.0 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 0.506 ppbv m
RT: 15.352 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

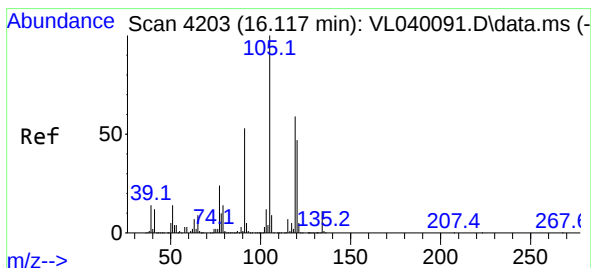
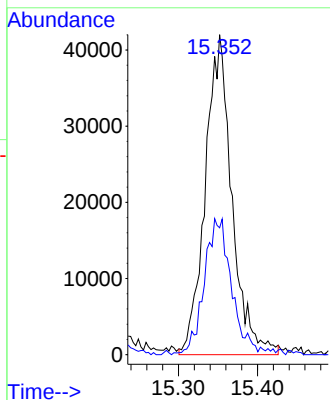
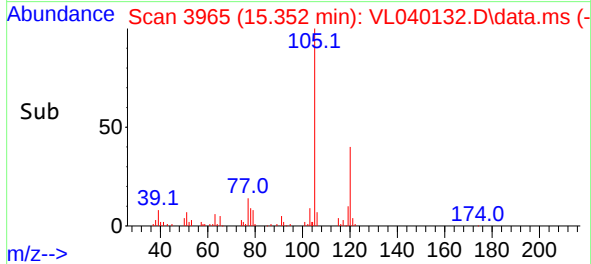
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



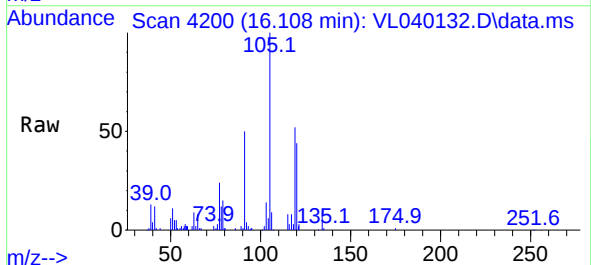
Tgt Ion:105 Resp: 9830
Ion Ratio Lower Upper
105 100
120 39.7 36.2 54.4

Manual Integrations
APPROVED

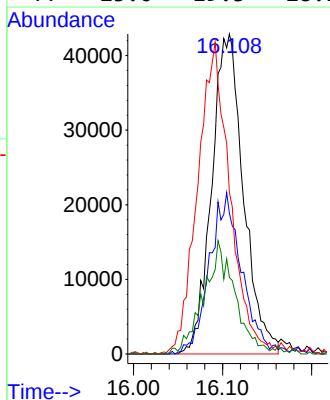
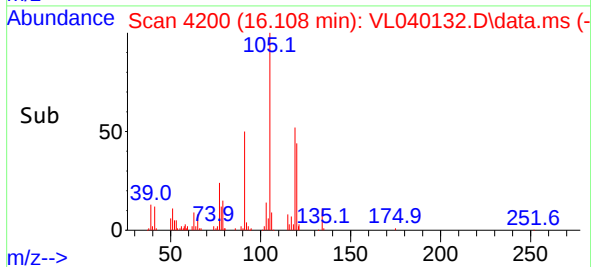
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

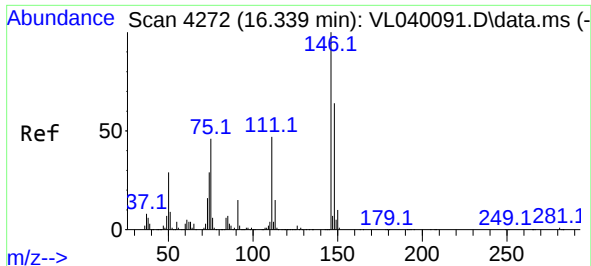


#74
1,2,4-Trimethylbenzene
Concen: 0.495 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. 0.006 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



Tgt Ion:105 Resp: 106556
Ion Ratio Lower Upper
105 100
120 43.4 38.0 57.0
91 48.6 42.1 63.1
77 23.0 19.3 28.9





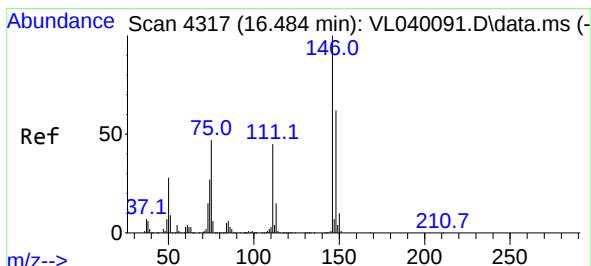
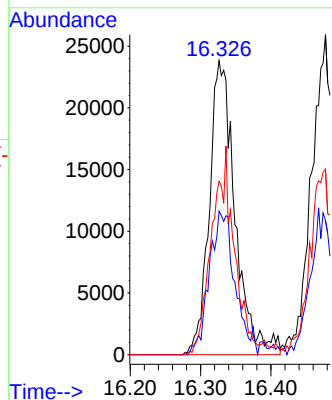
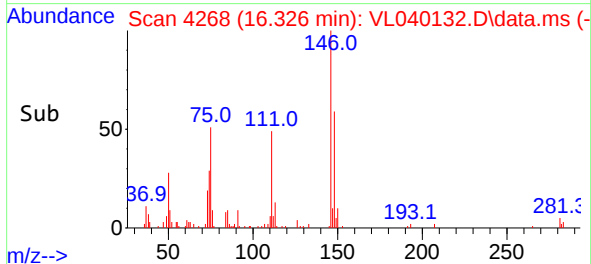
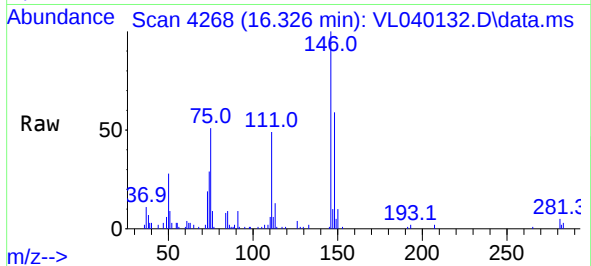
#75
1,3-Dichlorobenzene
Concen: 0.508 ppbv m
RT: 16.326 min Scan# 4315
Delta R.T. 0.000 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022

Tgt Ion:146 Resp: 6071
Ion Ratio Lower Upper
146 100
111 51.1 24.3 73.0
148 0.0 32.3 96.8

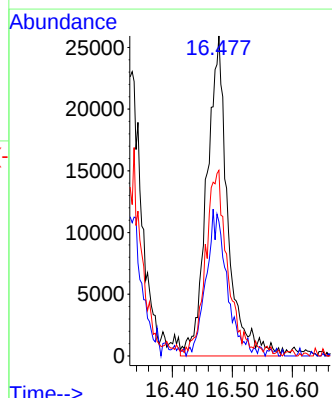
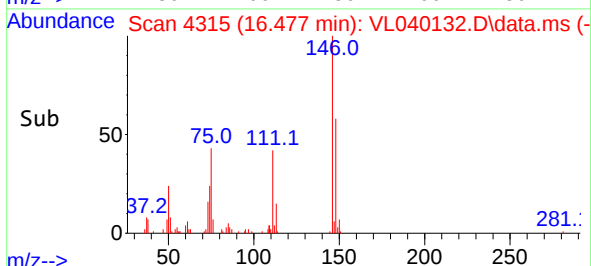
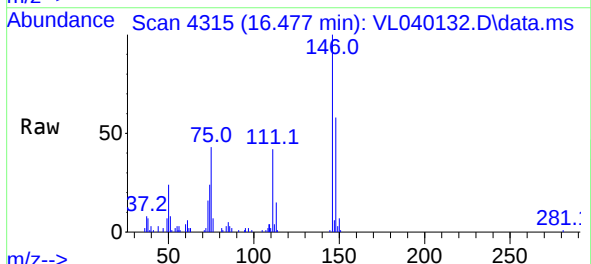
Manual Integrations
APPROVED

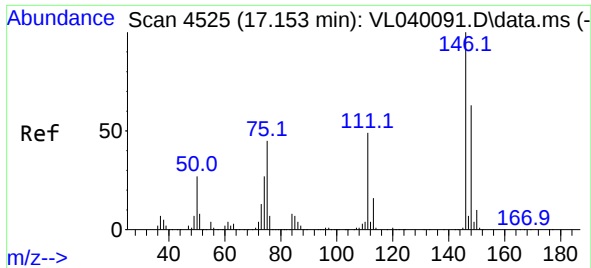
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#76
1,4-Dichlorobenzene
Concen: 0.540 ppbv m
RT: 16.477 min Scan# 4315
Delta R.T. 0.010 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

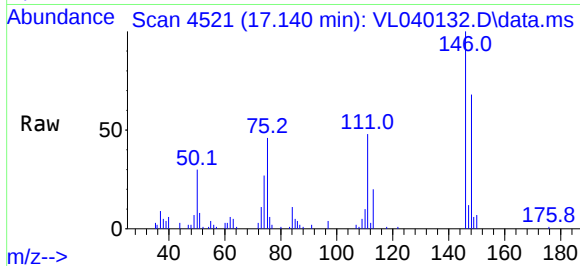
Tgt Ion:146 Resp: 63496
Ion Ratio Lower Upper
146 100
111 46.2 23.8 71.2
148 62.4 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.532 ppbv m
RT: 17.140 min Scan# 4525
Delta R.T. 0.003 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

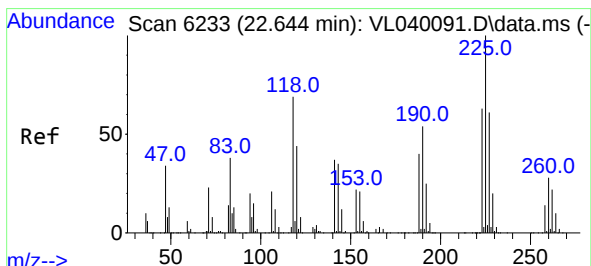
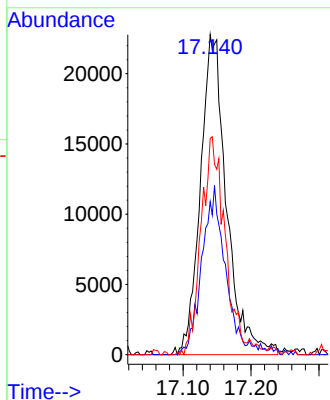
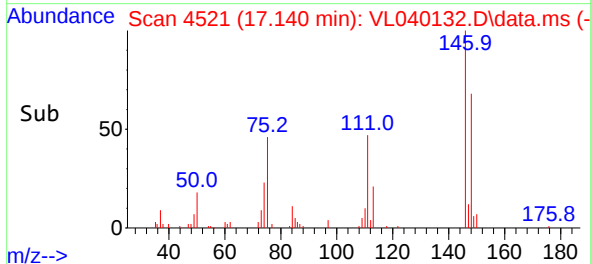
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



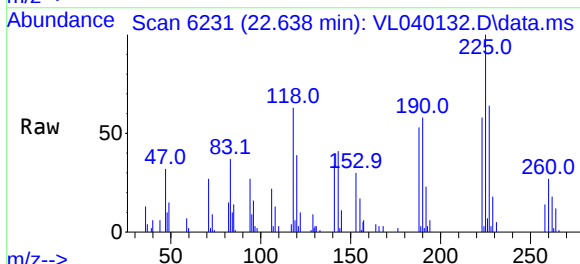
Tgt Ion:146 Resp: 60810
Ion Ratio Lower Upper
146 100
111 0.0 25.1 75.2
148 0.0 32.4 97.0

Manual Integrations
APPROVED

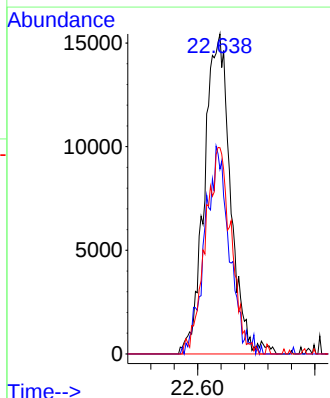
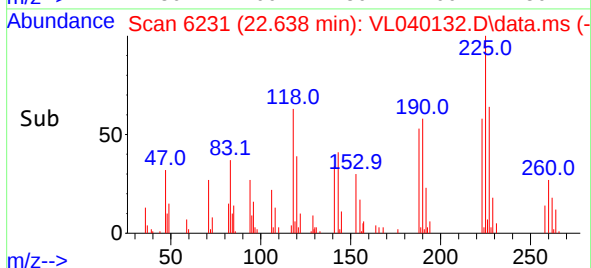
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

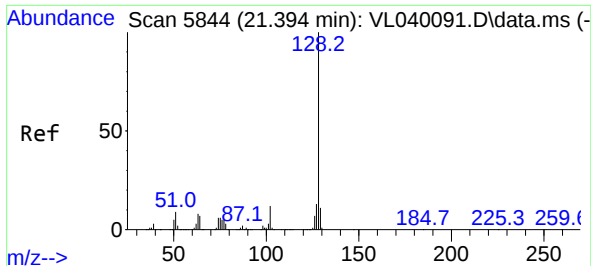


#78
Hexachloro-1,3-Butadiene
Concen: 0.570 ppbv m
RT: 22.638 min Scan# 6231
Delta R.T. 0.006 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



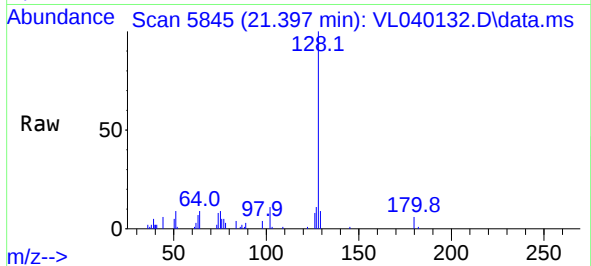
Tgt Ion:225 Resp: 47780
Ion Ratio Lower Upper
225 100
223 61.1 51.5 77.3
227 64.1 50.6 76.0





#79
Naphthalene
Concen: 0.443 ppbv m
RT: 21.397 min Scan# 5844
Delta R.T. 0.019 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39

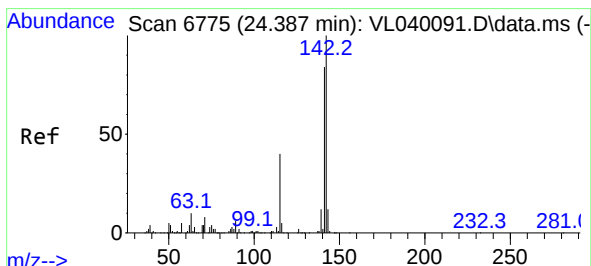
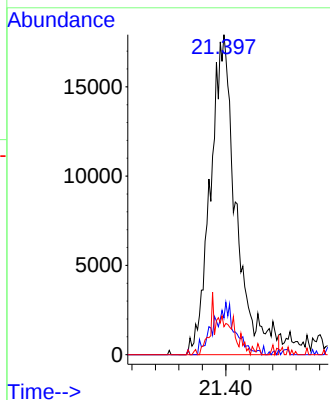
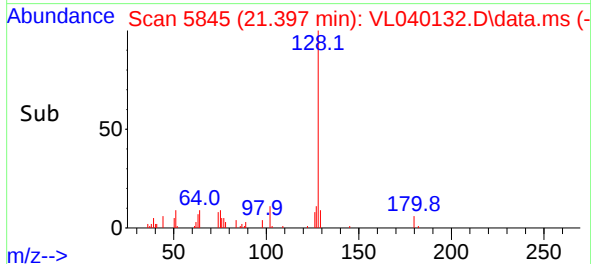
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT4-2022



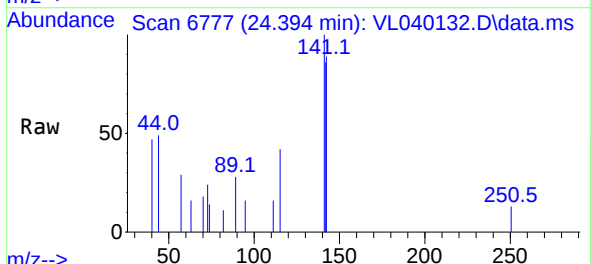
Tgt Ion:128 Resp: 54640
Ion Ratio Lower Upper
128 100
127 11.5 10.3 15.5
129 8.8 8.8 13.2

Manual Integrations
APPROVED

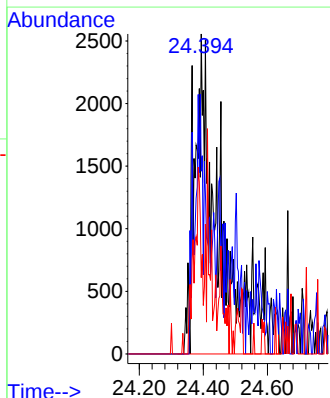
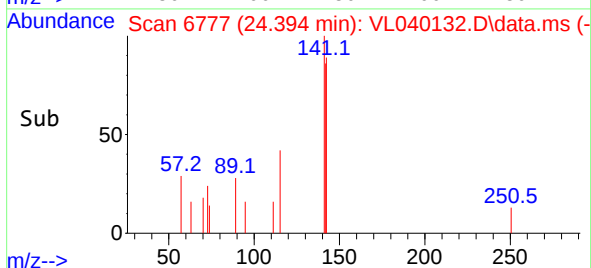
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

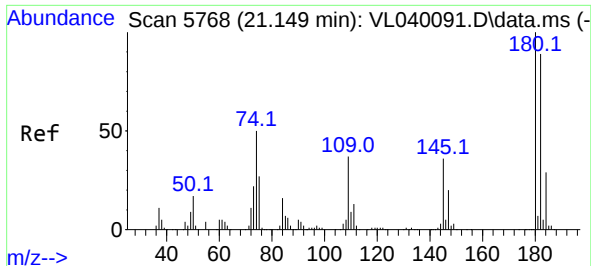


#80
Naphthalene,2-methyl-
Concen: 0.332 ppbv m
RT: 24.394 min Scan# 6777
Delta R.T. 0.019 min
Lab File: VL040132.D
Acq: 30 Jan 2023 14:39



Tgt Ion:142 Resp: 13812
Ion Ratio Lower Upper
142 100
141 51.6 65.0 97.6#
115 28.6 31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.471 ppbv m

RT: 21.143 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL040132.D

Acq: 30 Jan 2023 14:39

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT4-2022

Tgt Ion:180 Resp: 3580

Ion Ratio Lower Upper

180 100

182 102.0 78.6 117.8

184 30.3 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

