

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041014.D
 Acq On : 24 Jan 2024 13:53
 Operator : SY/MD
 Sample : P1187-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024

Quant Time: Jan 25 03:18:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jan 25 03:13:06 2024

Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Bromochloromethane	5.160	49	1059777	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.616	114	2747393	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.426	117	2365328	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.738 95 1793525 10.039 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.703	85	127735	0.546	ppbv	95
3) Chlorodifluoromethane	2.648	51	96988	0.544	ppbv	100
4) Chloromethane	2.787	50	37852	0.567	ppbv #	87
5) Vinyl Chloride	2.893	62	34811	0.531	ppbv #	87
6) Bromomethane	3.089	94	15008	0.526	ppbv	89
7) Chloroethane	3.169	64	12661	0.537	ppbv #	76
8) Dichlorotetrafluoroethane	2.832	85	94533	0.541	ppbv	98
9) Propene	2.668	41	33748	0.577	ppbv	100
10) Heptane	7.545	43	65497	0.455	ppbv	92
11) Trichlorofluoromethane	3.533	101	99988	0.530	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.034	101	69865	0.511	ppbv	90
13) Ethanol	3.227	45	9079	0.652	ppbv	97
14) Bromoethene	3.336	108	27140	0.517	ppbv #	91
15) Acetone	3.452	43	84089	0.620	ppbv	97
16) 1,3-Butadiene	2.960	39	33061	0.510	ppbv	98
17) tert-Butyl alcohol	3.864	59	68894	0.620	ppbv	99
18) 1,1-Dichloroethene	3.851	96	30564	0.522	ppbv #	90
19) Isopropyl Alcohol	3.561	45	44128	0.563	ppbv #	96
20) Methylene Chloride	3.902	84	38472	0.738	ppbv #	89
21) Allyl Chloride	3.967	41	41611	0.505	ppbv	94
22) trans-1,2-Dichloroethene	4.417	96	29774	0.494	ppbv	85
23) Vinyl Acetate	4.600	43	69698	0.499	ppbv #	93
24) 1,1-Dichloroethane	4.529	63	62278	0.503	ppbv	98
25) Ethyl Acetate	5.179	43	125586	0.511	ppbv #	95
26) Hexane	5.179	57	62664	0.598	ppbv	91
27) Carbon Disulfide	4.092	76	62618	0.459	ppbv #	82
28) Methyl tert-Butyl Ether	4.565	73	45759	0.526	ppbv	91
29) Chloroform	5.240	83	93639	0.504	ppbv	92
30) Cyclohexane	6.565	84	38740	0.441	ppbv #	92
31) cis-1,2-Dichloroethene	5.047	61	44157	0.449	ppbv	98
32) 1,1,1-Trichloroethane	5.967	97	90393m	0.509	ppbv	
34) 2-Butanone	4.764	43	65788	0.503	ppbv #	91
35) Carbon Tetrachloride	6.455	117	95674	0.522	ppbv	98
36) Benzene	6.333	78	118079	0.520	ppbv	97
37) 1,2-Dichloroethane	5.770	62	70502	0.509	ppbv	98
38) Trichloroethene	7.259	130	42966	0.472	ppbv	88
39) 1,2-Dichloropropane	7.037	63	43337m	0.485	ppbv	
40) 1,4-Dioxane	7.278	88	18204m	0.490	ppbv	
41) Tetrahydrofuran	5.549	42	43467m	0.489	ppbv	
42) Bromodichloromethane	7.211	83	95827	0.484	ppbv	99
43) Methyl Methacrylate	7.442	69	35726	0.408	ppbv	82
44) 2,2,4-Trimethylpentane	7.288	57	191026	0.500	ppbv	96
45) t-1,3-Dichloropropene	8.677	75	22861m	0.382	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012424\
 Data File : VL041014.D
 Acq On : 24 Jan 2024 13:53
 Operator : SY/MD
 Sample : P1187-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024

Quant Time: Jan 25 03:18:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Jan 25 03:13:06 2024

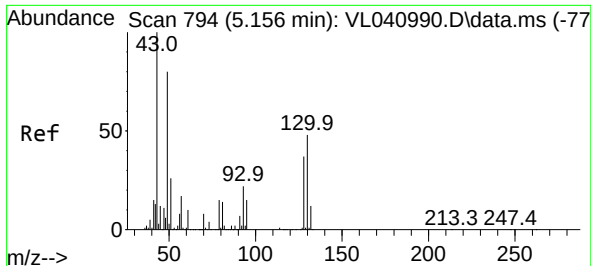
Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.114	75	35132m	0.471	ppbv	
47) 1,1,2-Trichloroethane	8.860	97	47580	0.494	ppbv #	85
48) Dibromochloromethane	9.674	129	74543m	0.458	ppbv	
49) Bromoform	12.368	173	54299	0.425	ppbv	94
50) 4-Methyl-2-Pentanone	8.169	43	103241m	0.448	ppbv	
51) 2-Hexanone	9.542	43	67469m	0.406	ppbv	
52) Tetrachloroethene	10.577	164	38874m	0.516	ppbv	
53) Toluene	9.179	91	111433	0.448	ppbv	99
54) 1,2-Dibromoethane	9.970	107	62025	0.475	ppbv	82
56) 1,1,1,2-Tetrachloroethane	11.468	131	61092	0.538	ppbv #	1
57) Chlorobenzene	11.484	112	102569	0.539	ppbv #	96
58) Ethyl Benzene	12.056	91	151935m	0.478	ppbv	
59) m/p-Xylene	12.339	91	274851m	0.992	ppbv	
60) o-Xylene	13.024	91	129689	0.488	ppbv	99
61) Styrene	12.863	104	50169m	0.411	ppbv	
62) Isopropylbenzene	13.992	105	207828	0.529	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.014	83	110468m	0.535	ppbv	
64) n-propylbenzene	14.873	120	46755m	0.471	ppbv	
65) tert-Butylbenzene	16.059	119	174649m	0.509	ppbv	
66) Benzyl Chloride	16.301	91	10187m	0.453	ppbv	
67) sec-Butylbenzene	16.596	105	255135m	0.510	ppbv	
69) p-Isopropyltoluene	16.960	119	191413	0.494	ppbv	95
70) n-Butylbenzene	17.854	91	198037	0.473	ppbv	98
71) 2-Chlorotoluene	14.767	91	153406m	0.506	ppbv	
72) 4-Ethyltoluene	15.162	105	141690m	0.477	ppbv	
73) 1,3,5-Trimethylbenzene	15.313	105	130220m	0.494	ppbv	
74) 1,2,4-Trimethylbenzene	16.069	105	147920	0.495	ppbv	90
75) 1,3-Dichlorobenzene	16.294	146	86776	0.511	ppbv	95
76) 1,4-Dichlorobenzene	16.442	146	87700	0.523	ppbv	92
77) 1,2-Dichlorobenzene	17.108	146	82715m	0.490	ppbv	
78) Hexachloro-1,3-Butadiene	22.593	225	63454m	0.583	ppbv	
79) Naphthalene	21.358	128	84088	0.494	ppbv #	94
80) Naphthalene,2-methyl-	24.361	142	16823	0.562	ppbv #	62
81) 1,2,4-Trichlorobenzene	21.107	180	47485m	0.478	ppbv	

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



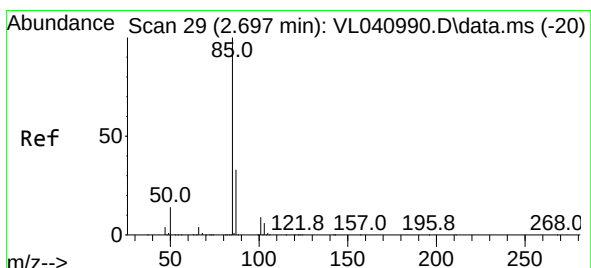
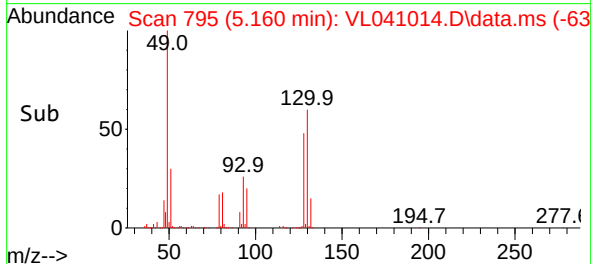
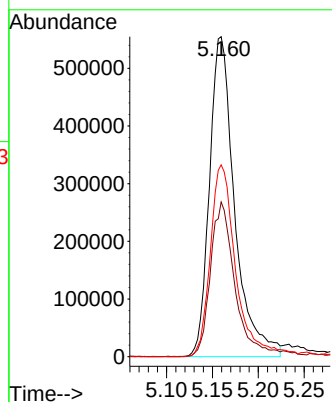
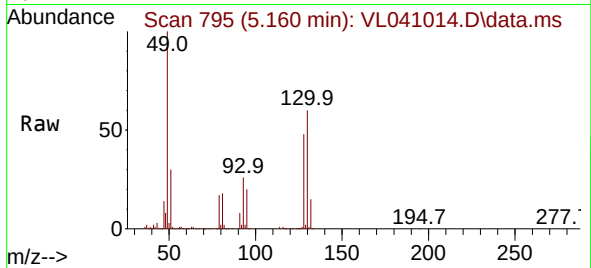
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.160 min Scan# 794
Delta R.T. 0.004 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion: 49 Resp: 105977
Ion Ratio Lower Upper
49 100
128 47.5 23.9 71.7
130 63.0 31.1 93.5

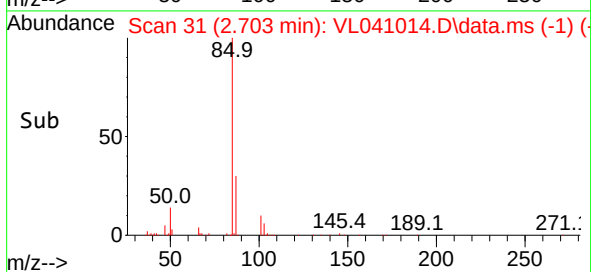
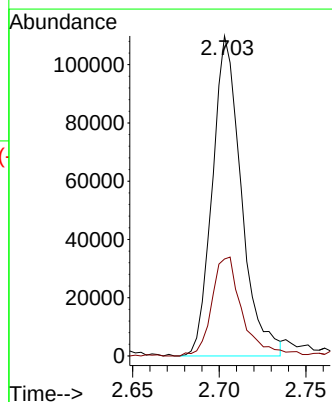
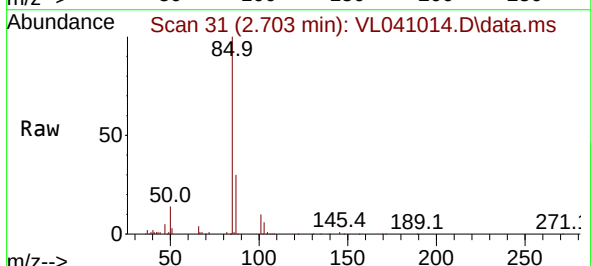
Manual Integrations
APPROVED

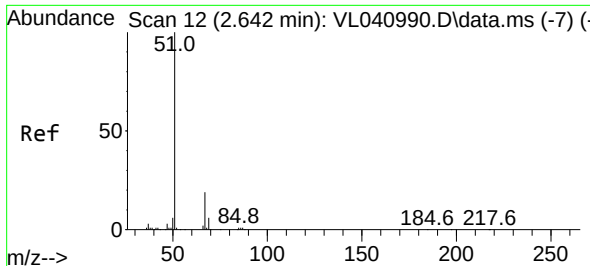
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#2
Dichlorodifluoromethane
Concen: 0.546 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

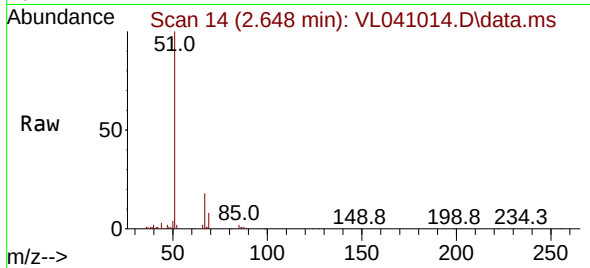
Tgt Ion: 85 Resp: 127735
Ion Ratio Lower Upper
85 100
87 30.3 26.3 39.5





#3
Chlorodifluoromethane
Concen: 0.544 ppbv
RT: 2.648 min Scan# 14
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

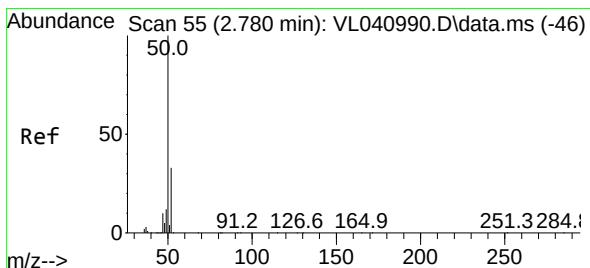
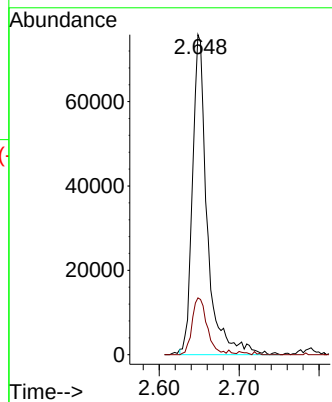
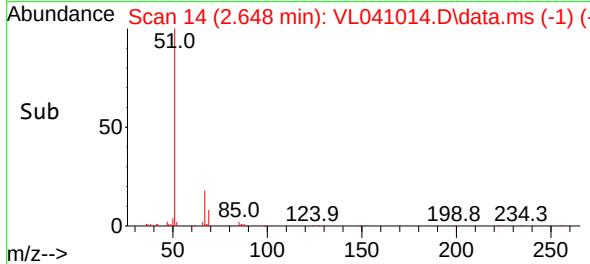
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



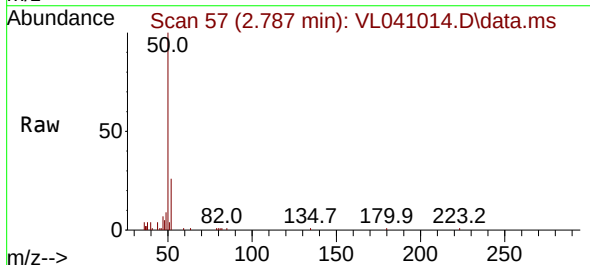
Tgt Ion: 51 Resp: 96988
Ion Ratio Lower Upper
51 100
67 18.4 14.8 22.2

Manual Integrations
APPROVED

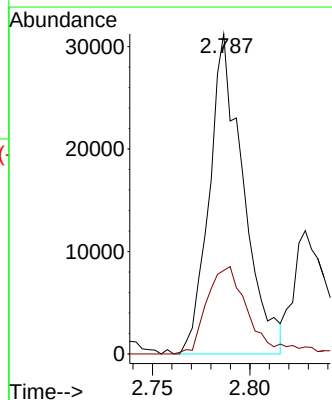
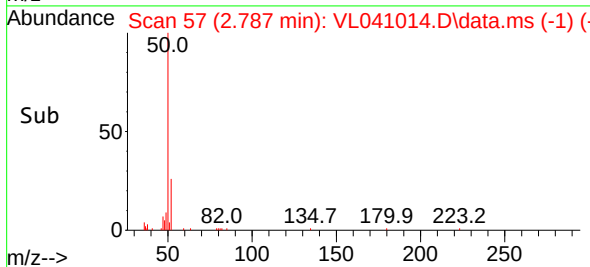
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

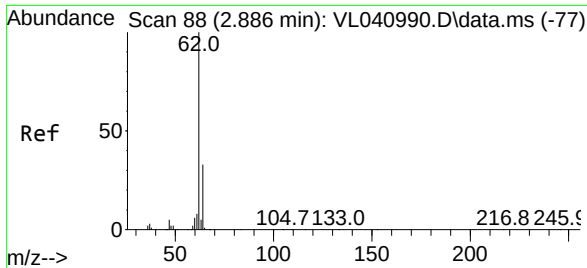


#4
Chloromethane
Concen: 0.567 ppbv
RT: 2.787 min Scan# 57
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



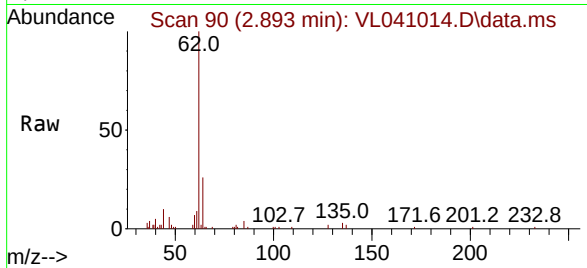
Tgt Ion: 50 Resp: 37852
Ion Ratio Lower Upper
50 100
52 25.5 26.2 39.4#





#5
 Vinyl Chloride
 Concen: 0.531 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. 0.003 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

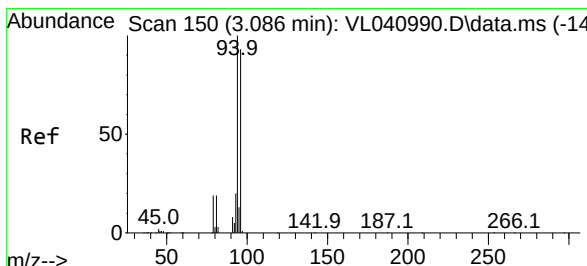
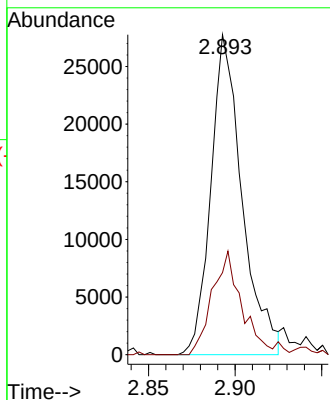
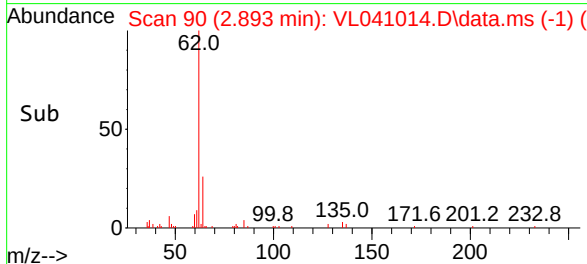
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024



Tgt Ion: 62 Resp: 3481
 Ion Ratio Lower Upper
 62 100
 64 25.8 26.6 40.0

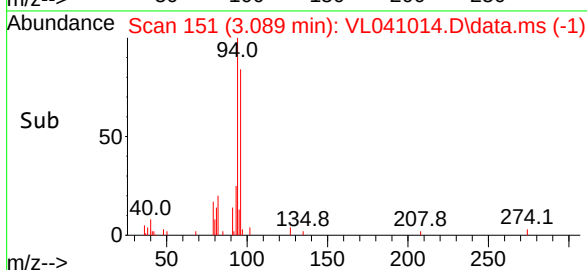
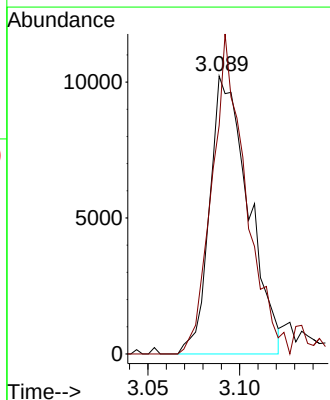
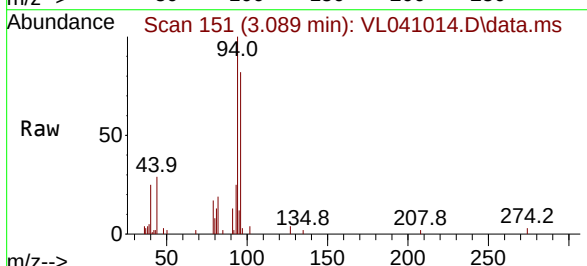
Manual Integrations
 APPROVED

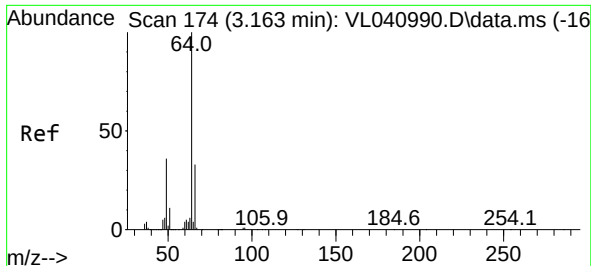
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#6
 Bromomethane
 Concen: 0.526 ppbv
 RT: 3.089 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

Tgt Ion: 94 Resp: 15008
 Ion Ratio Lower Upper
 94 100
 96 82.2 74.2 111.4





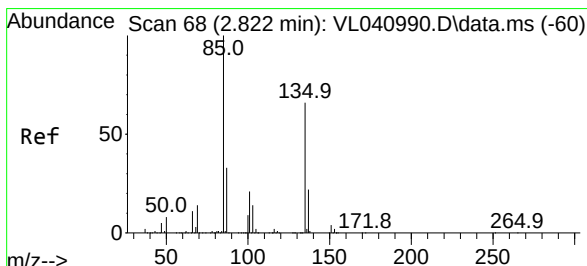
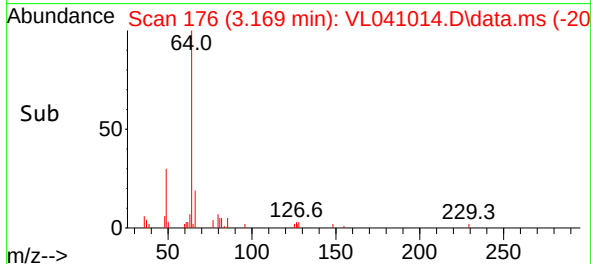
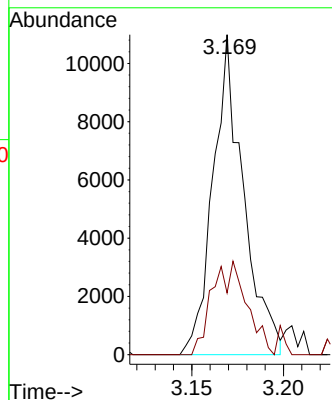
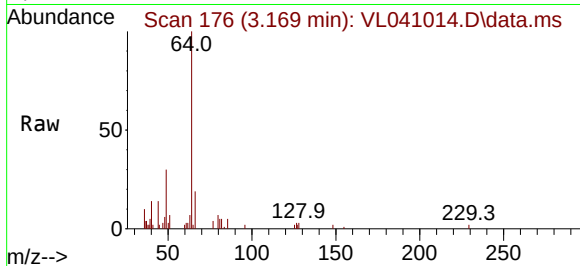
#7
Chloroethane
Concen: 0.537 ppbv
RT: 3.169 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion: 64 Resp: 1266
Ion Ratio Lower Upper
64 100
66 19.3 26.0 39.0

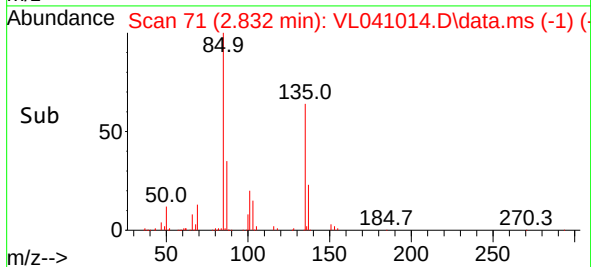
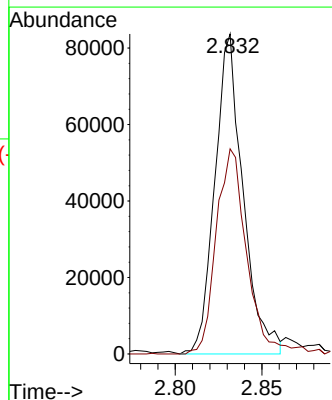
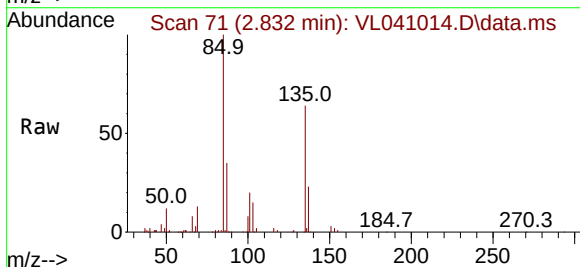
Manual Integrations
APPROVED

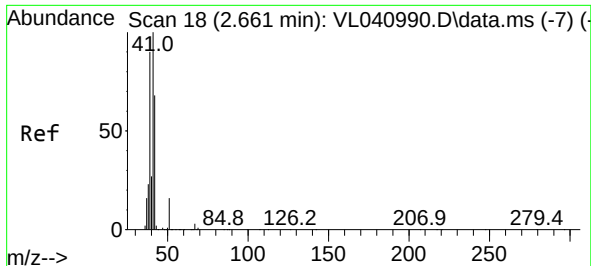
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#8
Dichlorotetrafluoroethane
Concen: 0.541 ppbv
RT: 2.832 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

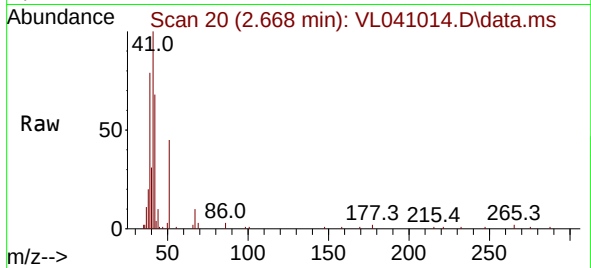
Tgt Ion: 85 Resp: 94533
Ion Ratio Lower Upper
85 100
135 70.0 55.0 82.6





#9
Propene
Concen: 0.577 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

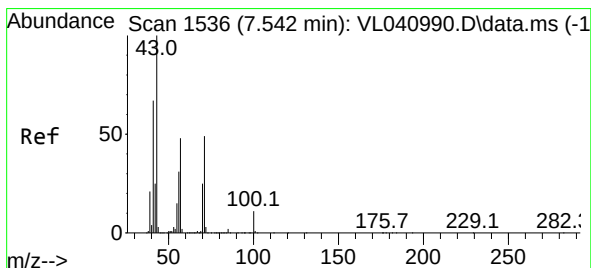
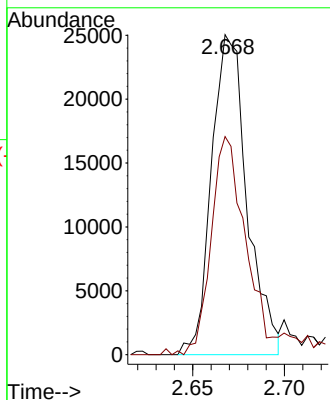
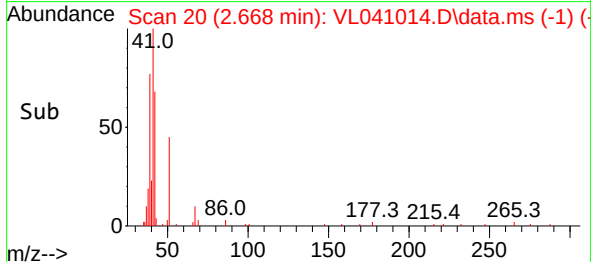
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



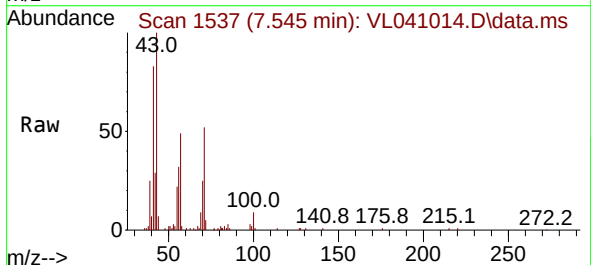
Tgt Ion: 41 Resp: 33748
Ion Ratio Lower Upper
41 100
42 73.5 59.0 88.4

Manual Integrations
APPROVED

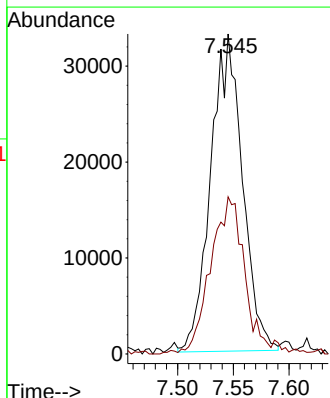
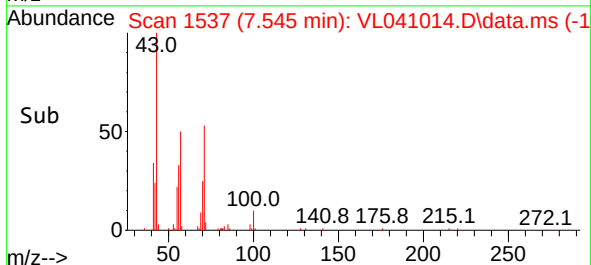
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

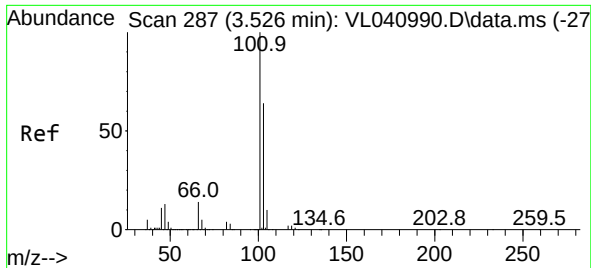


#10
Heptane
Concen: 0.455 ppbv
RT: 7.545 min Scan# 1537
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



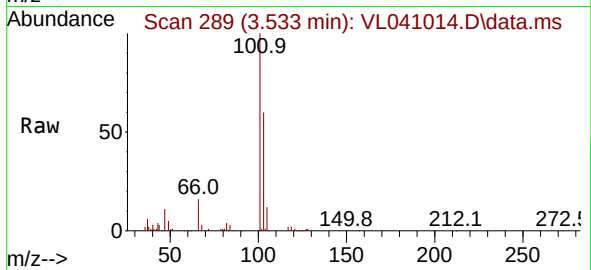
Tgt Ion: 43 Resp: 65497
Ion Ratio Lower Upper
43 100
57 54.6 39.4 59.2





#11
 Trichlorofluoromethane
 Concen: 0.530 ppbv
 RT: 3.533 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

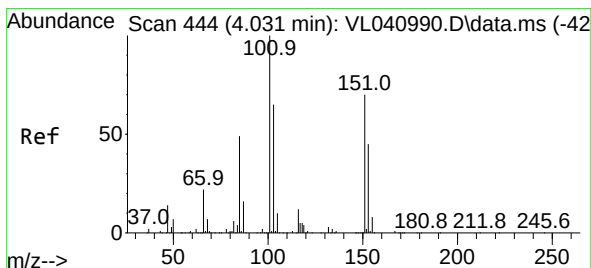
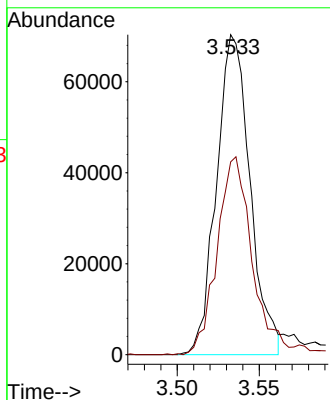
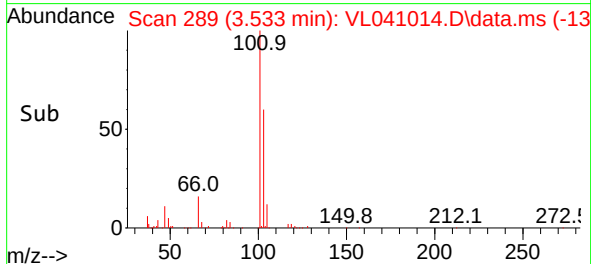
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024



Tgt Ion:101 Resp: 9998
 Ion Ratio Lower Upper
 101 100
 103 60.0 51.4 77.2

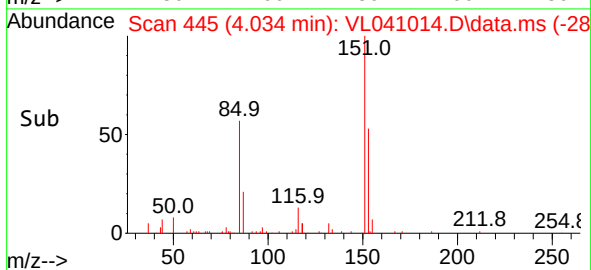
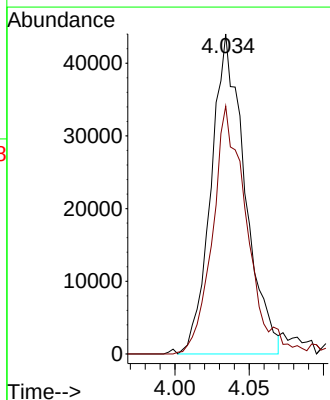
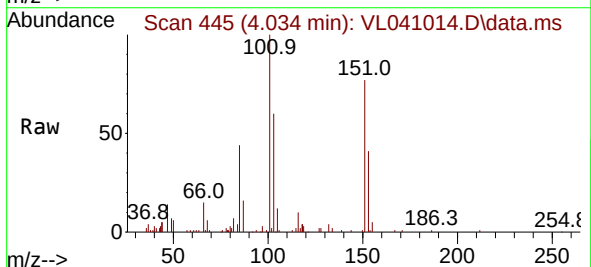
Manual Integrations
 APPROVED

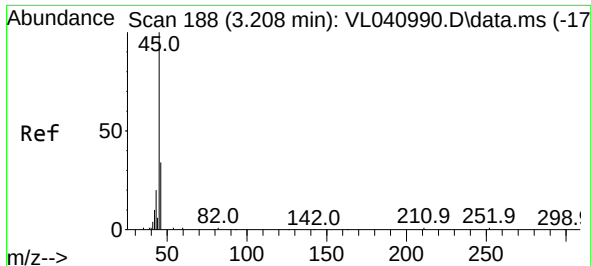
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.511 ppbv
 RT: 4.034 min Scan# 445
 Delta R.T. 0.003 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

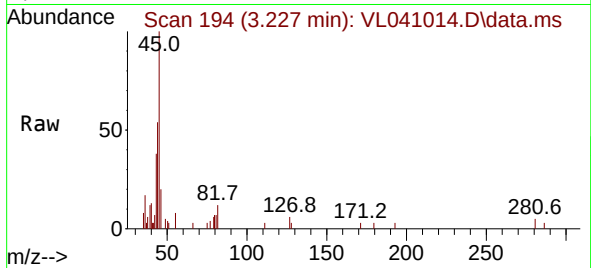
Tgt Ion:101 Resp: 69865
 Ion Ratio Lower Upper
 101 100
 151 79.4 56.6 85.0





#13
Ethanol
Concen: 0.652 ppbv
RT: 3.227 min Scan# 194
Delta R.T. 0.019 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

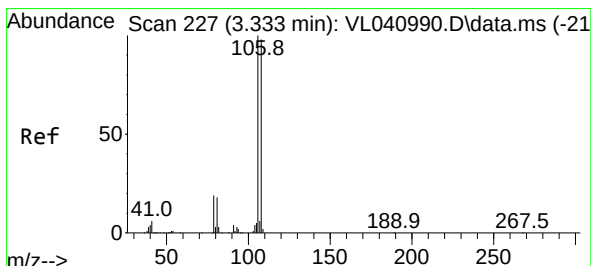
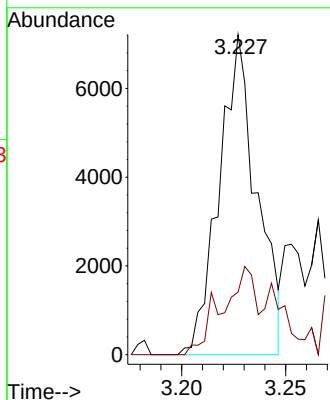
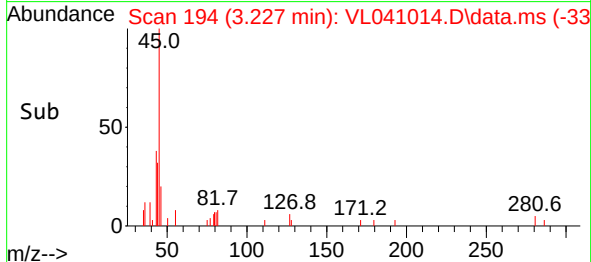
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



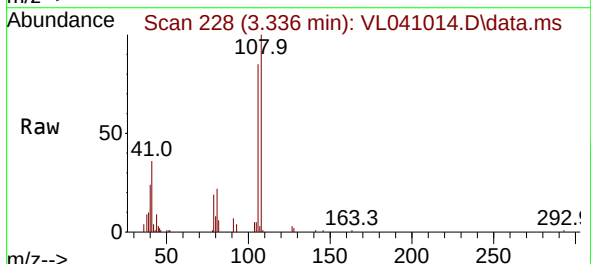
Tgt Ion: 45 Resp: 9079
Ion Ratio Lower Upper
45 100
46 42.5 16.2 64.8

Manual Integrations
APPROVED

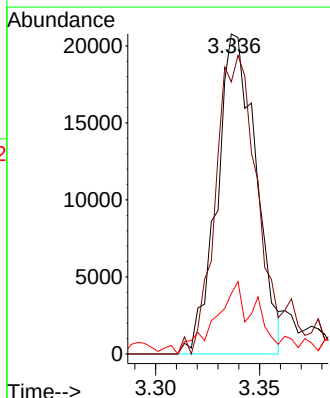
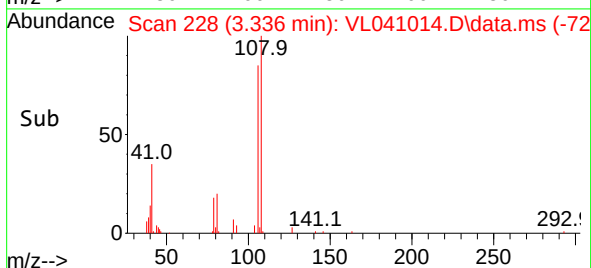
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

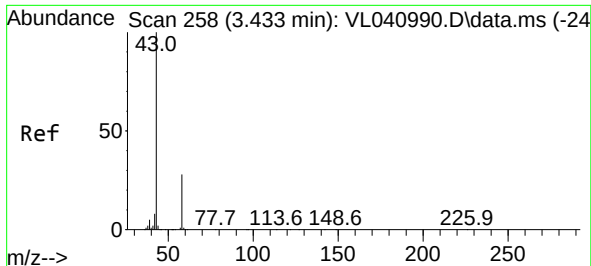


#14
Bromoethene
Concen: 0.517 ppbv
RT: 3.336 min Scan# 228
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



Tgt Ion:108 Resp: 27140
Ion Ratio Lower Upper
108 100
106 113.8 86.4 129.6
79 32.0 16.2 24.4#





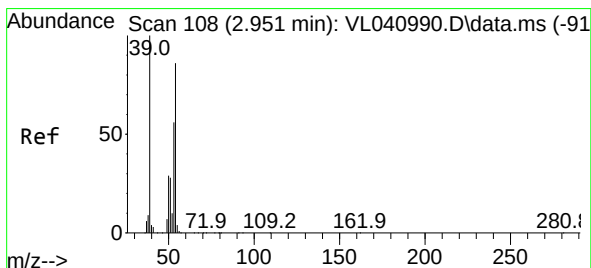
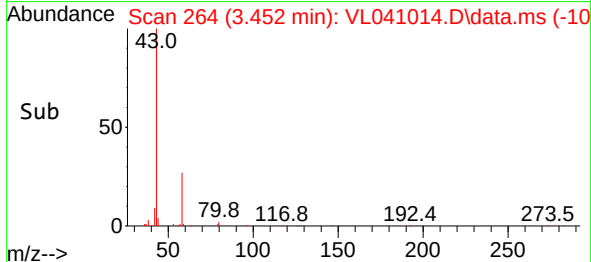
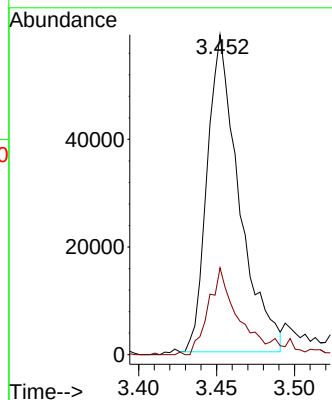
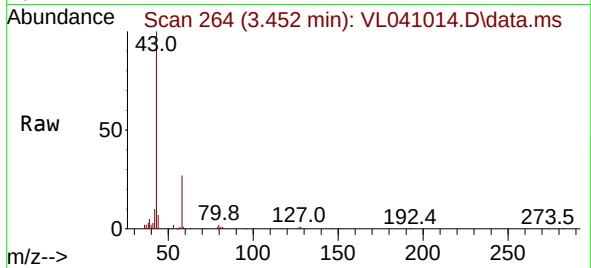
#15
Acetone
Concen: 0.620 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion: 43 Resp: 84089
Ion Ratio Lower Upper
43 100
58 29.3 22.2 33.2

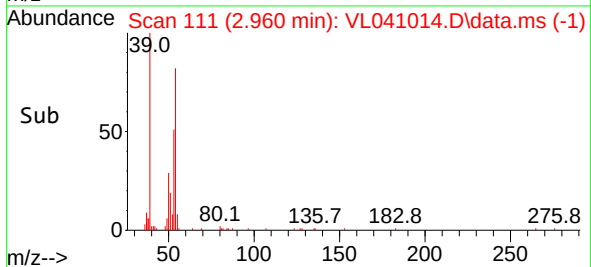
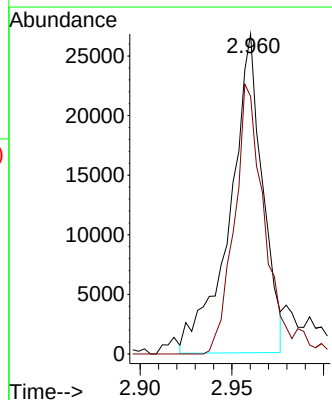
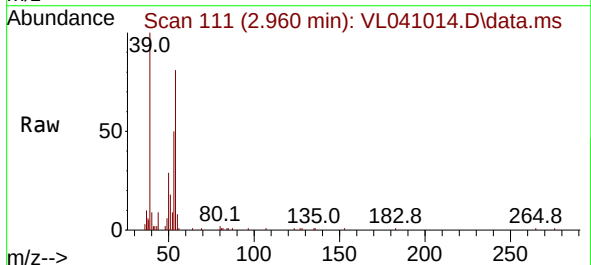
Manual Integrations
APPROVED

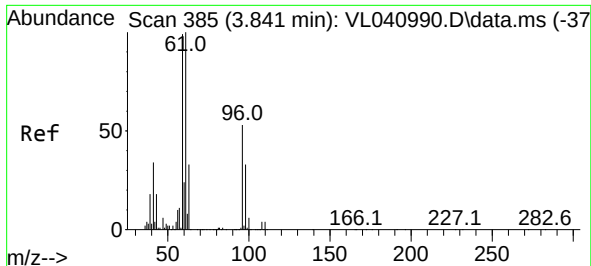
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#16
1,3-Butadiene
Concen: 0.510 ppbv
RT: 2.960 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Tgt Ion: 39 Resp: 33061
Ion Ratio Lower Upper
39 100
54 80.1 62.7 94.1





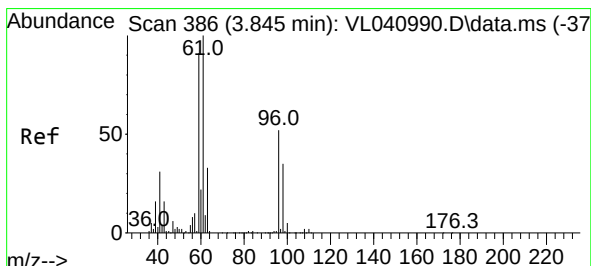
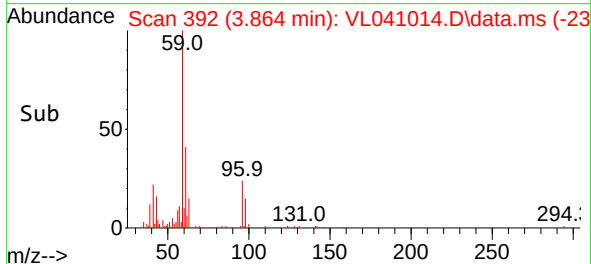
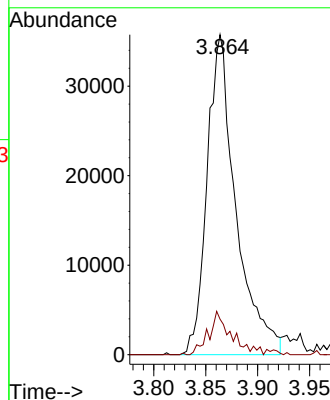
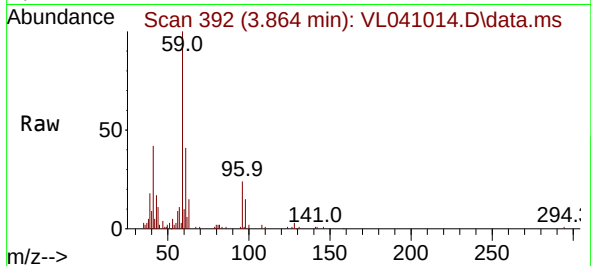
#17
tert-Butyl alcohol
Concen: 0.620 ppbv
RT: 3.864 min Scan# 392
Delta R.T. 0.019 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Instrument : MSVOA_1
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion: 59 Resp: 68894
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1

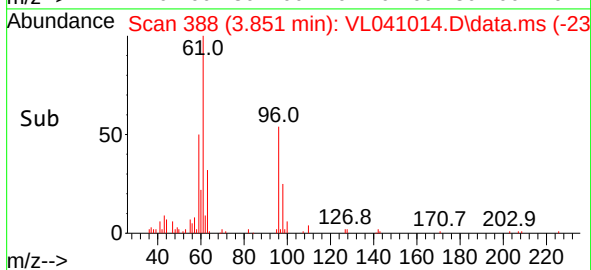
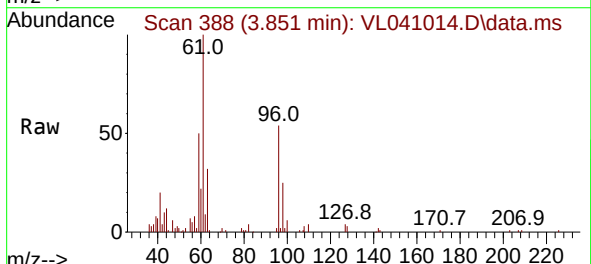
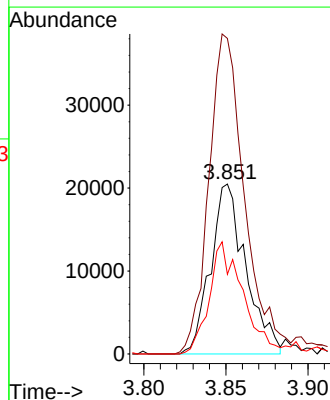
Manual Integrations
APPROVED

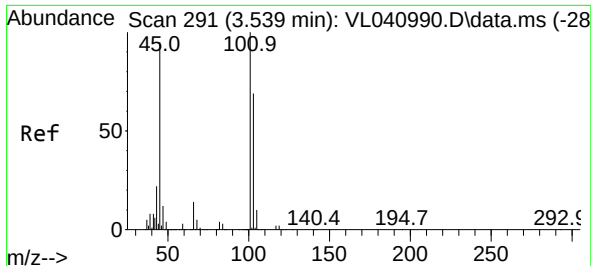
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#18
1,1-Dichloroethene
Concen: 0.522 ppbv
RT: 3.851 min Scan# 388
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

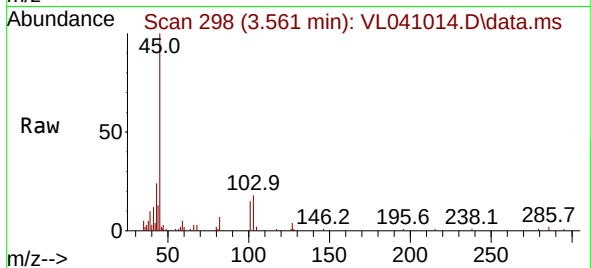
Tgt Ion: 96 Resp: 30564
Ion Ratio Lower Upper
96 100
61 184.4 153.8 230.8
98 46.9 53.7 80.5#





#19
Isopropyl Alcohol
Concen: 0.563 ppbv
RT: 3.561 min Scan# 291
Delta R.T. 0.016 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

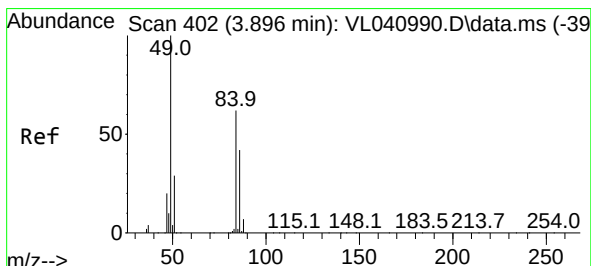
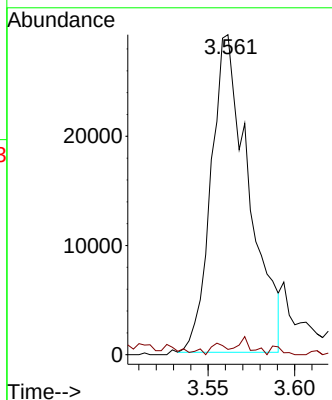
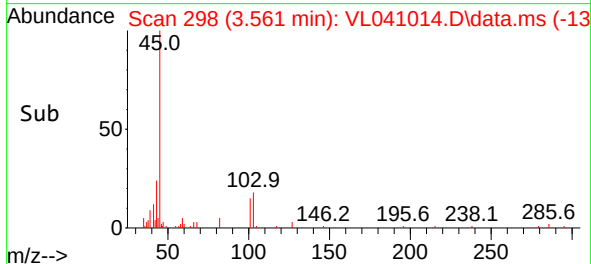
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



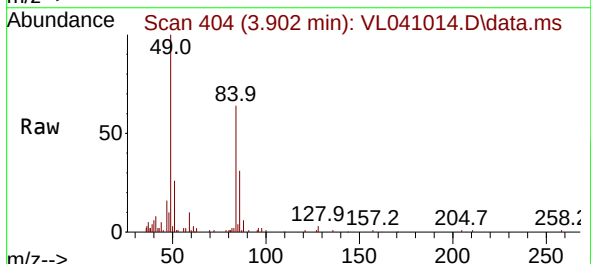
Tgt Ion: 45 Resp: 44128
Ion Ratio Lower Upper
45 100
58 4.2 2.2 3.4

Manual Integrations
APPROVED

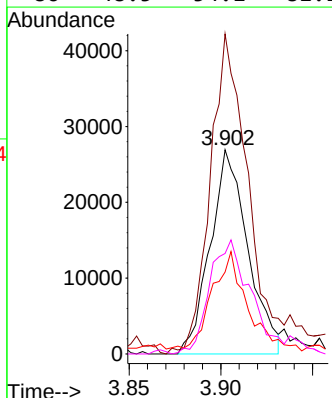
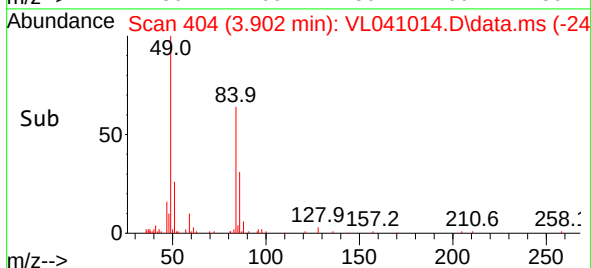
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

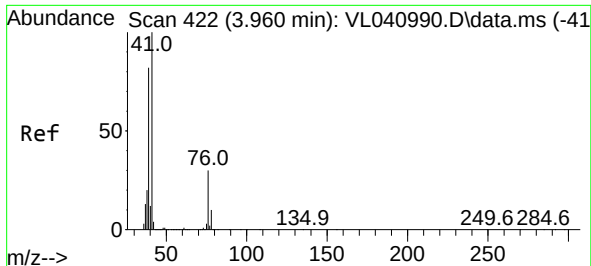


#20
Methylene Chloride
Concen: 0.738 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



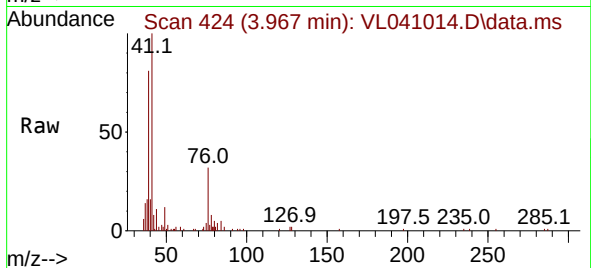
Tgt Ion: 84 Resp: 38472
Ion Ratio Lower Upper
84 100
49 154.7 128.1 192.1
51 36.3 36.5 54.7#
86 48.5 54.1 81.1#





#21
 Allyl Chloride
 Concen: 0.505 ppbv
 RT: 3.967 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

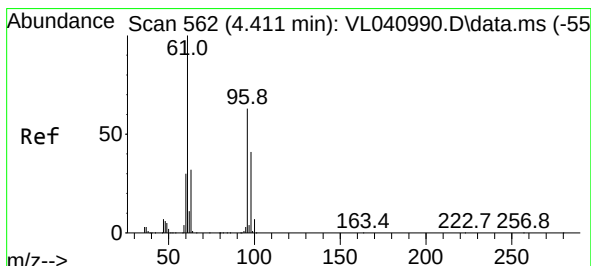
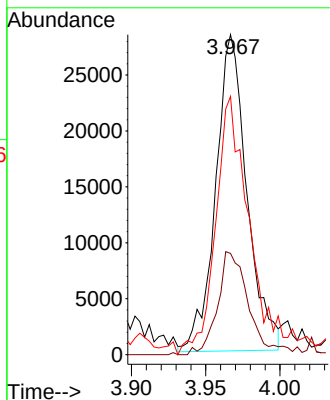
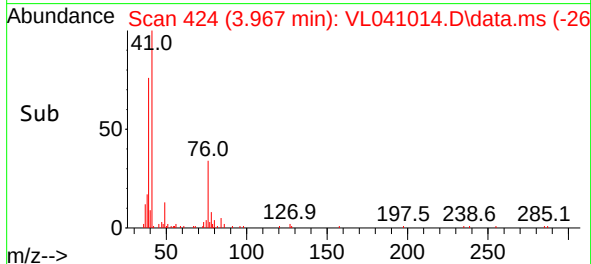
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024



Tgt Ion: 41 Resp: 4161
 Ion Ratio Lower Upper
 41 100
 76 33.5 25.0 37.4
 39 90.2 67.0 100.6

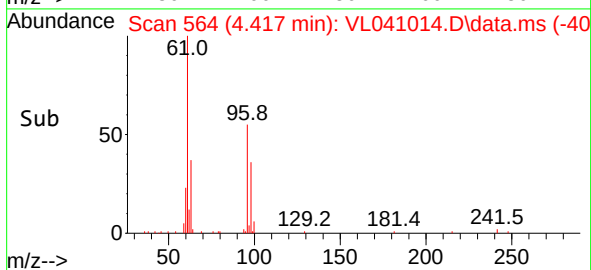
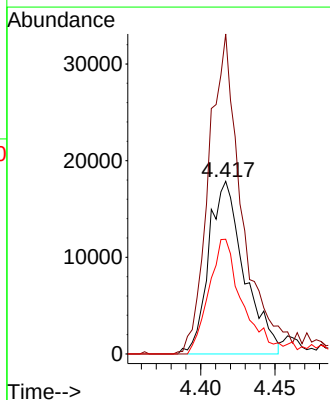
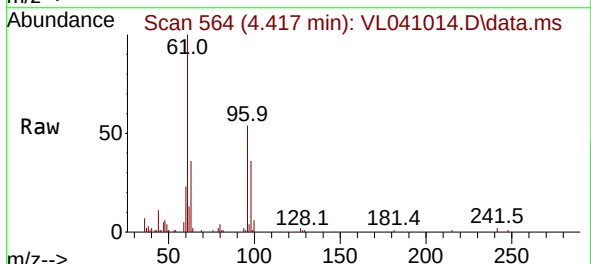
Manual Integrations
 APPROVED

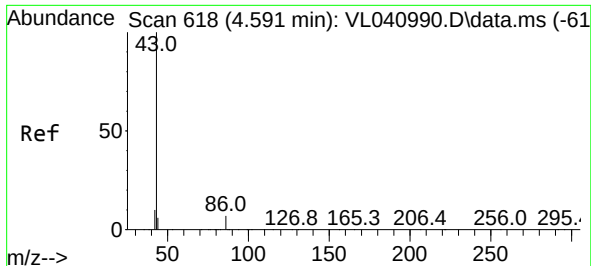
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.494 ppbv
 RT: 4.417 min Scan# 564
 Delta R.T. 0.006 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

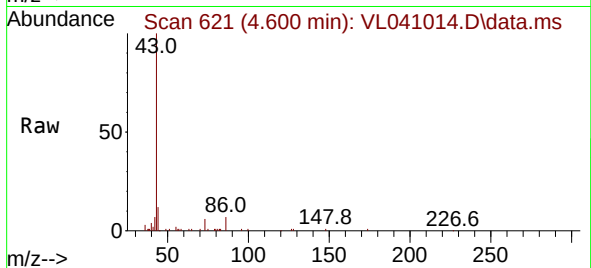
Tgt Ion: 96 Resp: 29774
 Ion Ratio Lower Upper
 96 100
 61 184.2 126.0 189.0
 98 66.5 51.2 76.8





#23
 Vinyl Acetate
 Concen: 0.499 ppbv
 RT: 4.600 min Scan# 618
 Delta R.T. 0.006 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

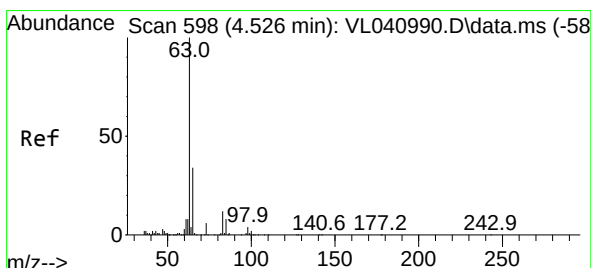
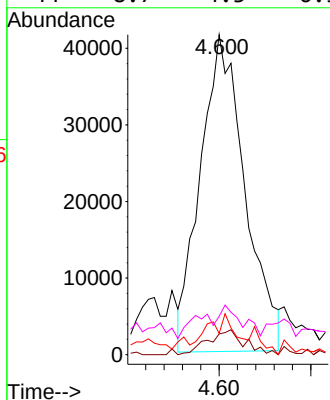
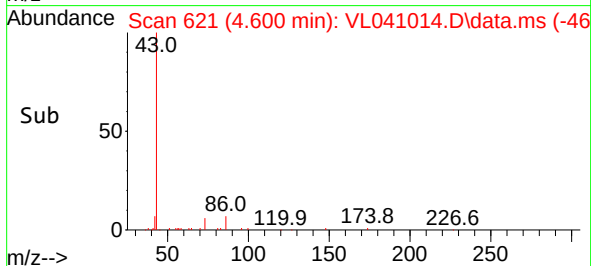
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024



Tgt Ion: 43 Resp: 69698
 Ion Ratio Lower Upper
 43 100
 86 7.6 5.4 8.0
 42 7.8 8.6 13.0
 44 8.7 4.3 6.5#

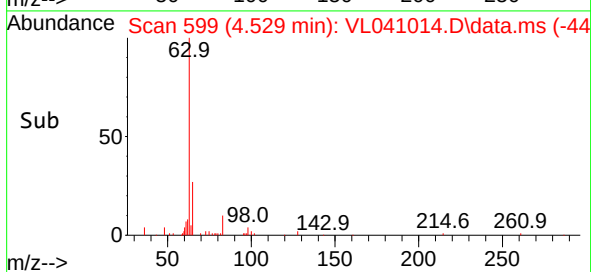
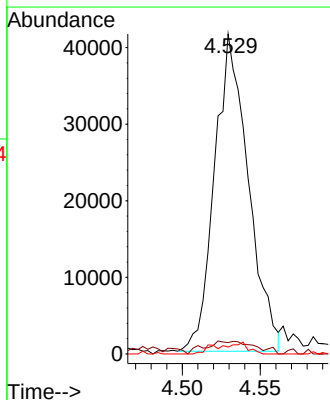
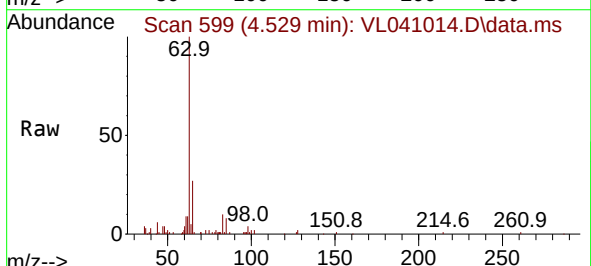
Manual Integrations
 APPROVED

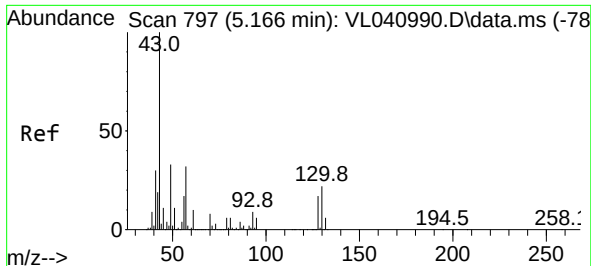
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#24
 1,1-Dichloroethane
 Concen: 0.503 ppbv
 RT: 4.529 min Scan# 599
 Delta R.T. -0.000 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

Tgt Ion: 63 Resp: 62278
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.1 6.3
 100 2.2 1.3 3.9





#25

Ethyl Acetate

Concen: 0.511 ppbv

RT: 5.179 min Scan# 801

Delta R.T. 0.013 min

Lab File: VL041014.D

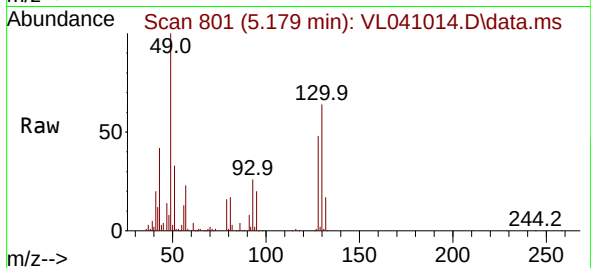
Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024



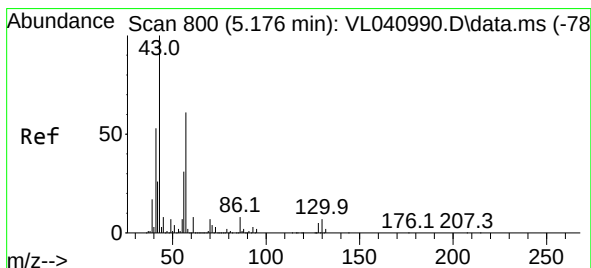
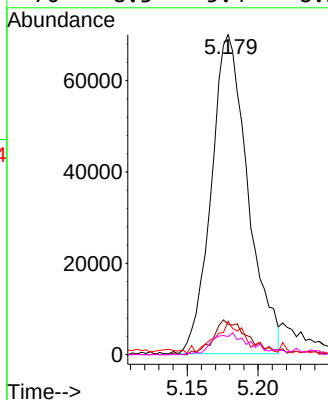
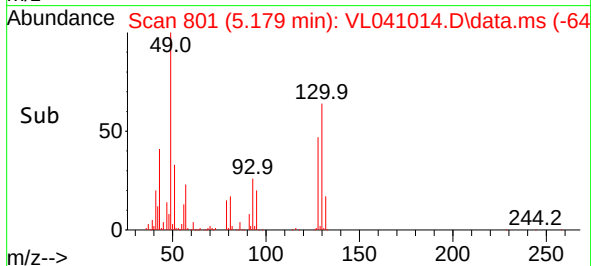
Tgt Ion: 43 Resp: 125580

Ion	Ratio	Lower	Upper
43	100		
45	11.0	8.2	12.4
61	12.6	7.9	11.9
70	8.3	5.4	8.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#26

Hexane

Concen: 0.598 ppbv

RT: 5.179 min Scan# 801

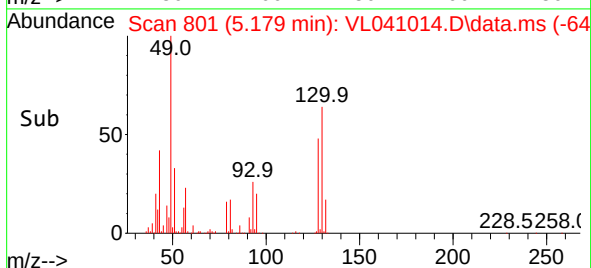
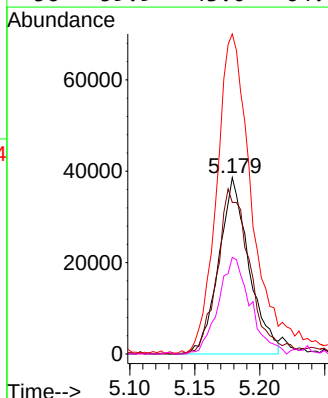
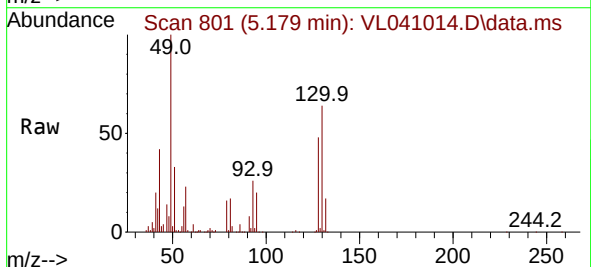
Delta R.T. -0.000 min

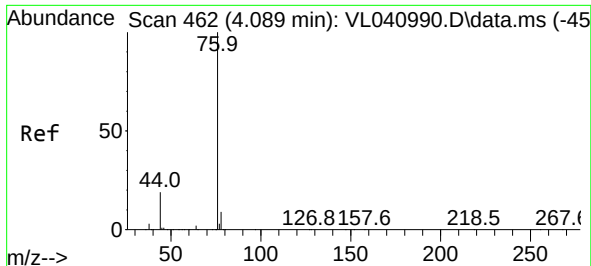
Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Tgt Ion: 57 Resp: 62664

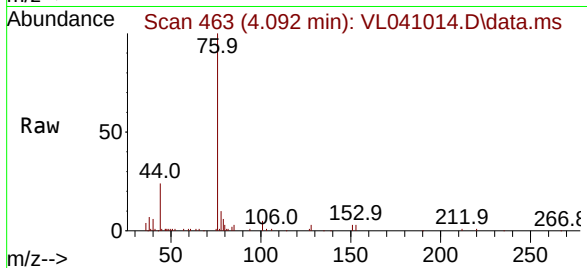
Ion	Ratio	Lower	Upper
57	100		
41	105.3	74.4	111.6
43	225.3	190.6	285.8
56	59.9	43.0	64.4





#27
Carbon Disulfide
Concen: 0.459 ppbv
RT: 4.092 min Scan# 409
Delta R.T. -0.000 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

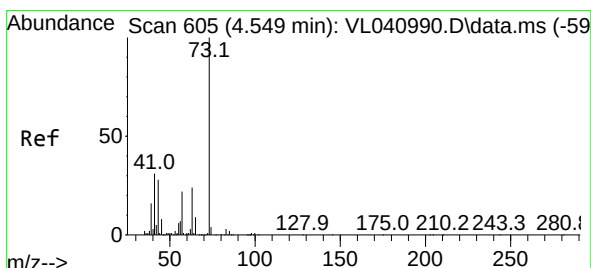
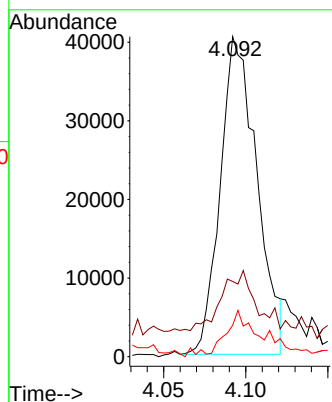
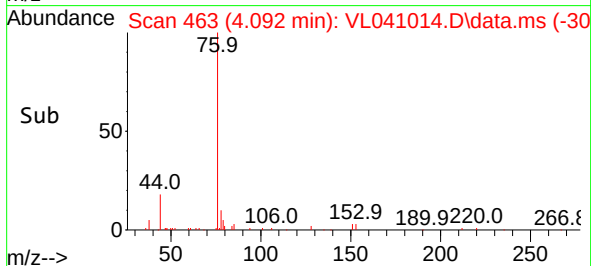
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



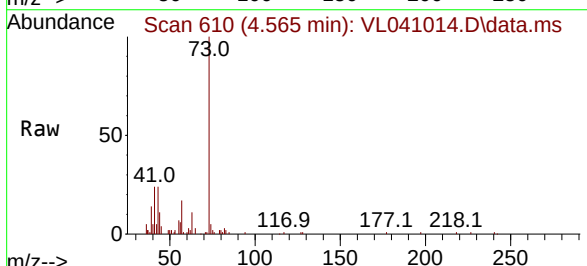
Tgt Ion: 76 Resp: 62618
Ion Ratio Lower Upper
76 100
44 30.1 16.0 24.0
78 13.6 7.8 11.8

Manual Integrations
APPROVED

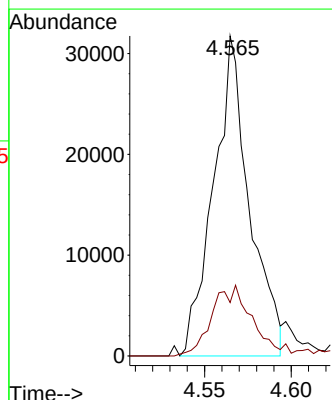
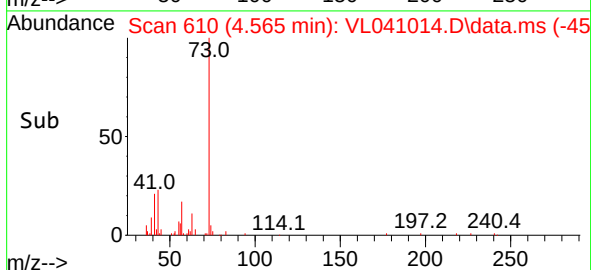
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

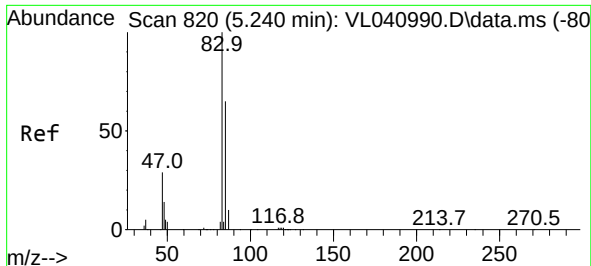


#28
Methyl tert-Butyl Ether
Concen: 0.526 ppbv
RT: 4.565 min Scan# 610
Delta R.T. 0.013 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



Tgt Ion: 73 Resp: 45759
Ion Ratio Lower Upper
73 100
57 26.7 18.0 27.0





#29

Chloroform

Concen: 0.504 ppbv

RT: 5.240 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024

Tgt Ion: 83 Resp: 93639

Ion Ratio Lower Upper

83 100

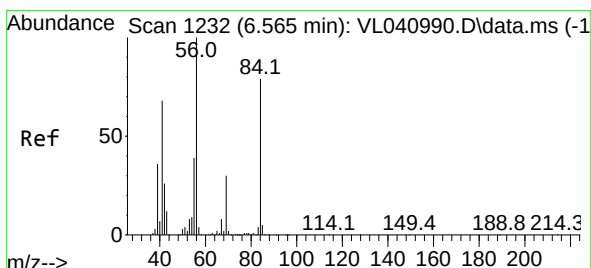
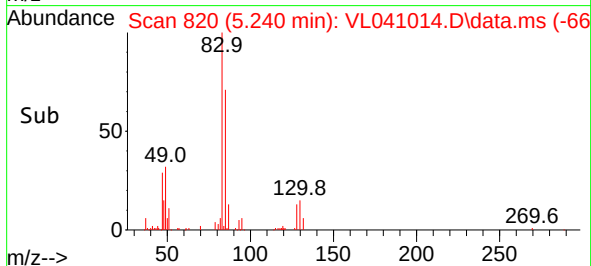
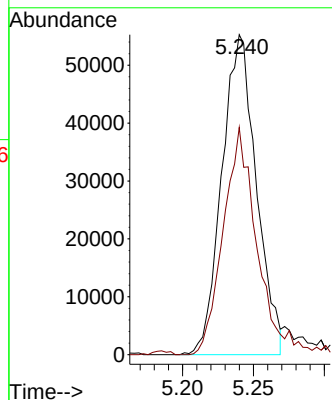
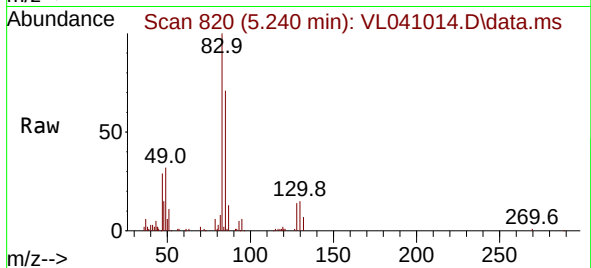
85 71.0 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#30

Cyclohexane

Concen: 0.441 ppbv

RT: 6.565 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

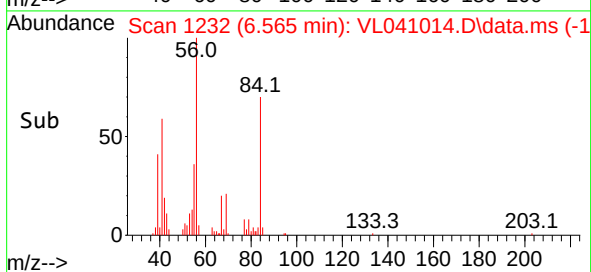
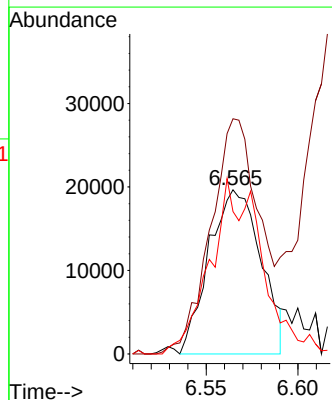
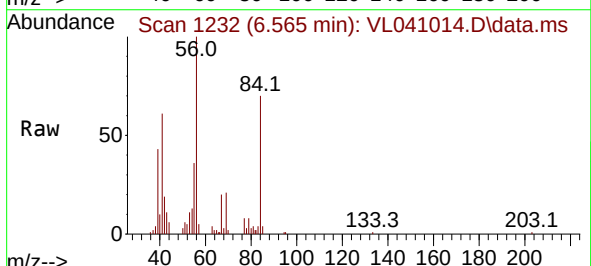
Tgt Ion: 84 Resp: 38740

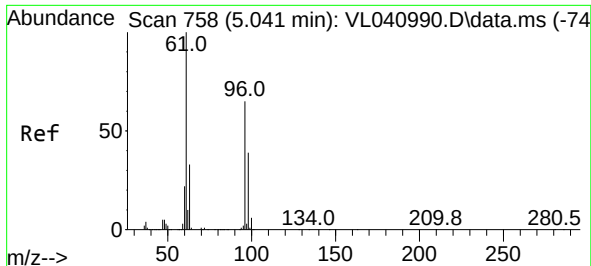
Ion Ratio Lower Upper

84 100

56 139.5 111.7 167.5

41 108.9 71.0 106.6#





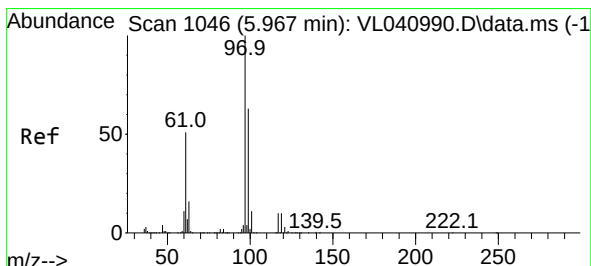
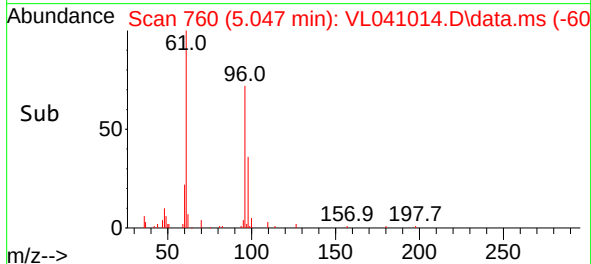
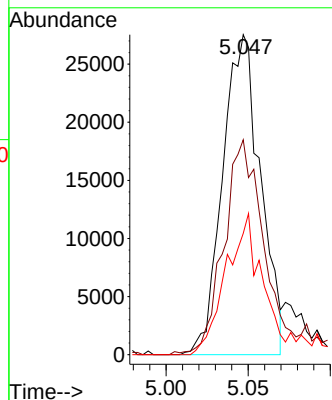
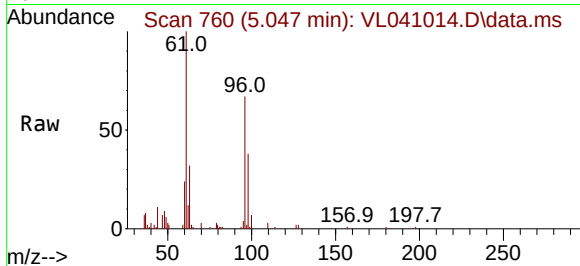
#31
 cis-1,2-Dichloroethene
 Concen: 0.449 ppbv
 RT: 5.047 min Scan# 758
 Delta R.T. 0.003 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024

Tgt Ion: 61 Resp: 4415
 Ion Ratio Lower Upper
 61 100
 96 66.6 51.9 77.9
 98 37.9 31.5 47.3

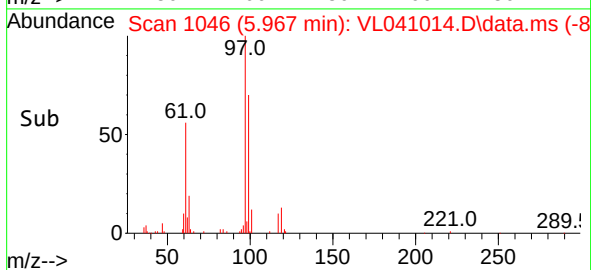
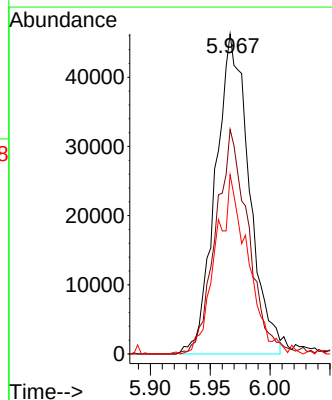
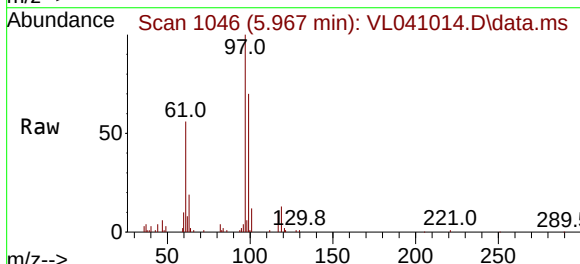
Manual Integrations
 APPROVED

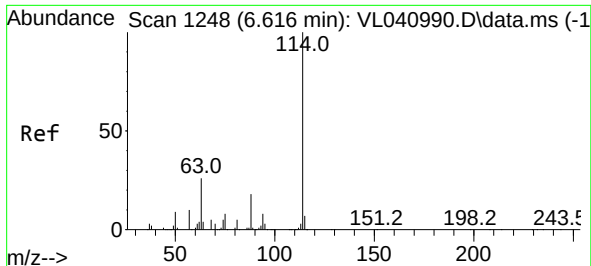
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.509 ppbv m
 RT: 5.967 min Scan# 1046
 Delta R.T. -0.003 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

Tgt Ion: 97 Resp: 90393
 Ion Ratio Lower Upper
 97 100
 99 69.1 51.5 77.3
 61 53.7 40.3 60.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.616 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024

Tgt Ion:114 Resp: 274739

Ion Ratio Lower Upper

114 100

63 25.3 20.8 31.2

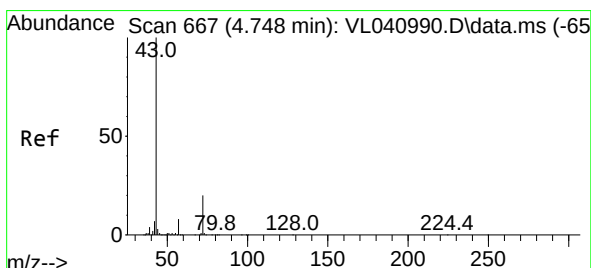
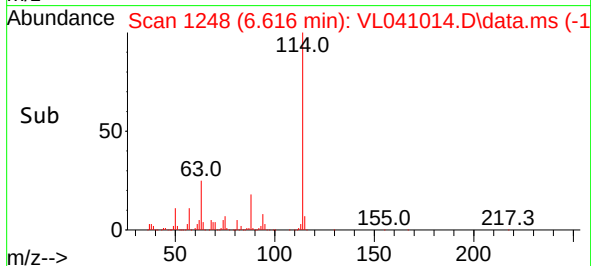
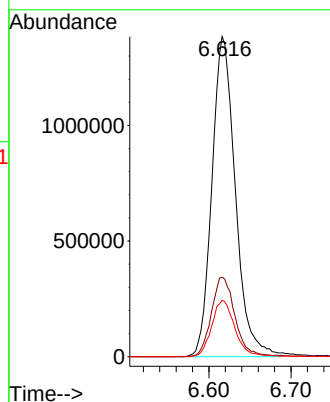
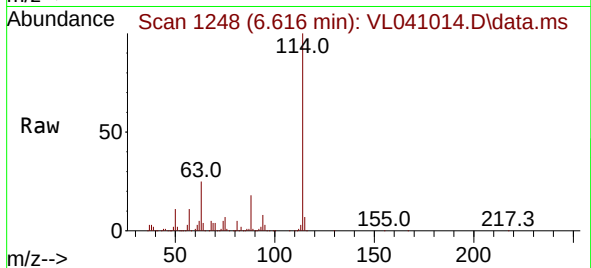
88 17.5 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#34

2-Butanone

Concen: 0.503 ppbv

RT: 4.764 min Scan# 672

Delta R.T. 0.013 min

Lab File: VL041014.D

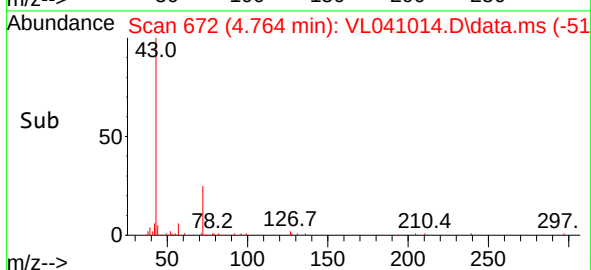
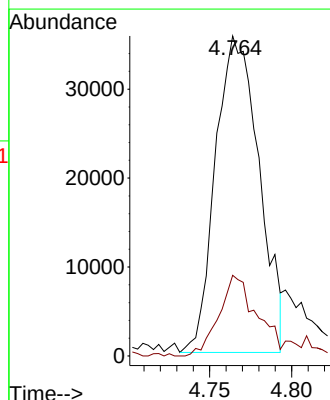
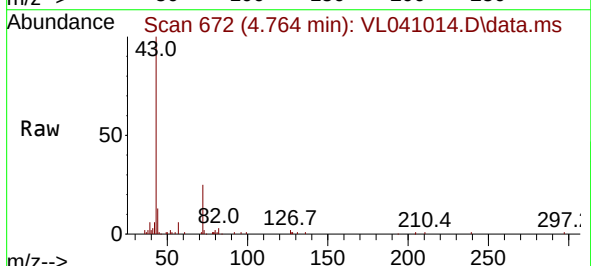
Acq: 24 Jan 2024 13:53

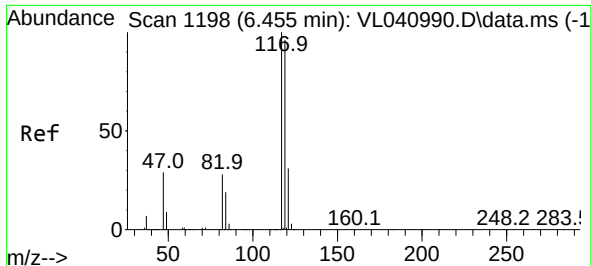
Tgt Ion: 43 Resp: 65788

Ion Ratio Lower Upper

43 100

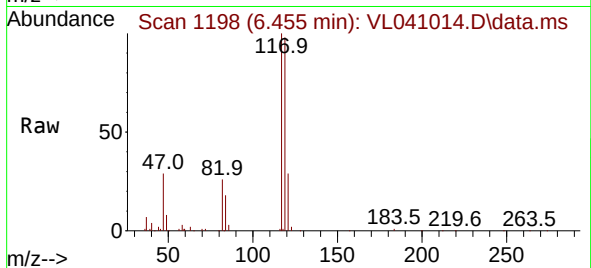
72 26.4 17.5 26.3#





#35
Carbon Tetrachloride
Concen: 0.522 ppbv
RT: 6.455 min Scan# 1198
Delta R.T. -0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

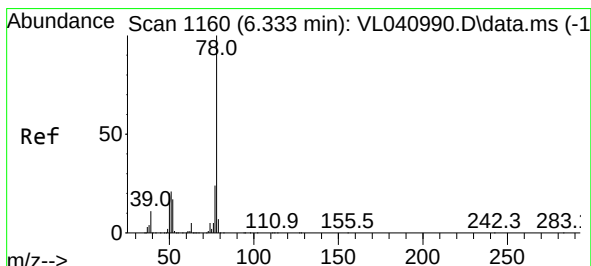
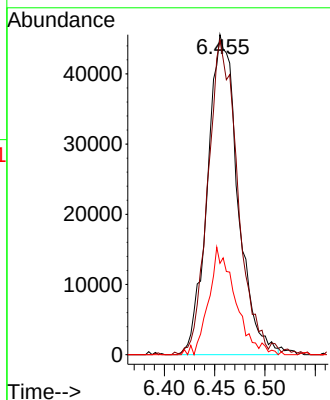
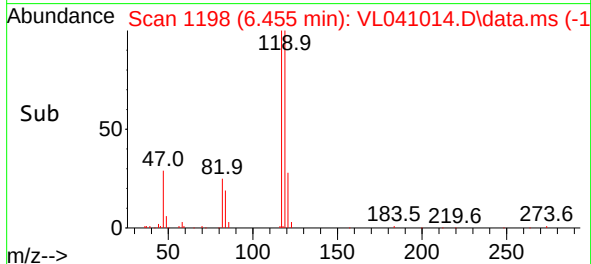
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT1-2024



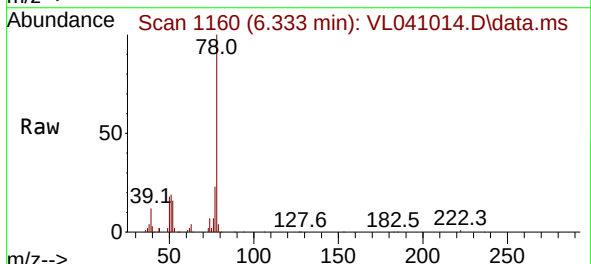
Tgt Ion: 117 Resp: 95674
Ion Ratio Lower Upper
117 100
119 97.9 76.9 115.3
121 28.6 24.7 37.1

Manual Integrations
APPROVED

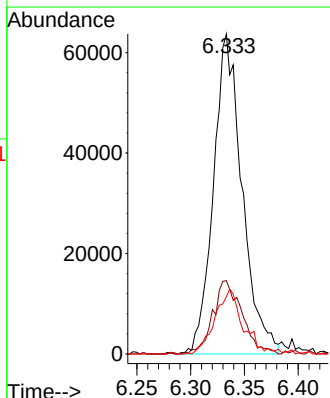
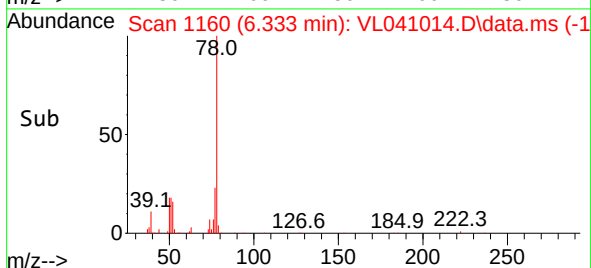
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

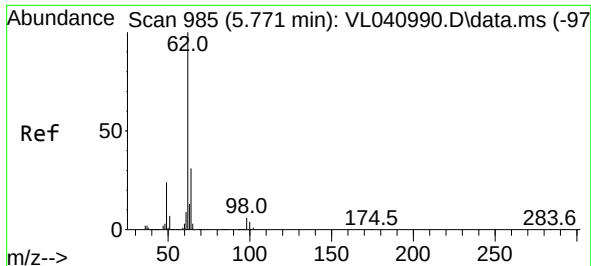


#36
Benzene
Concen: 0.520 ppbv
RT: 6.333 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



Tgt Ion: 78 Resp: 118079
Ion Ratio Lower Upper
78 100
77 22.9 19.0 28.4
50 17.9 15.8 23.6





#37

1,2-Dichloroethane

Concen: 0.509 ppbv

RT: 5.770 min Scan# 985

Delta R.T. -0.003 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024

Tgt Ion: 62 Resp: 70502

Ion Ratio Lower Upper

62 100

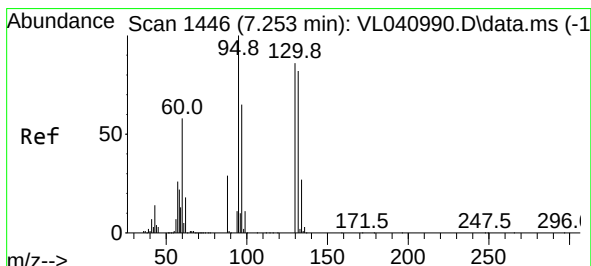
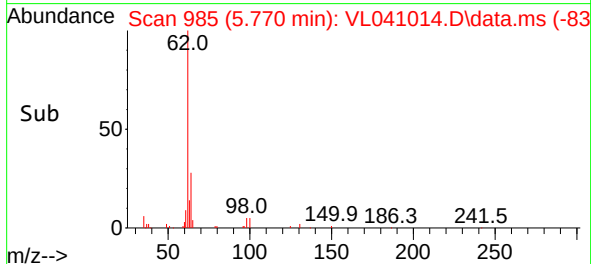
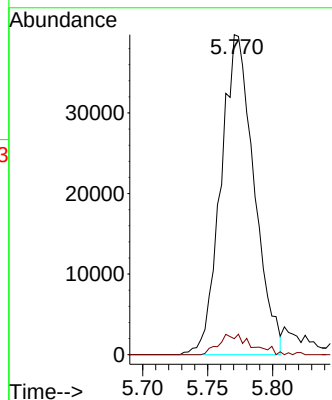
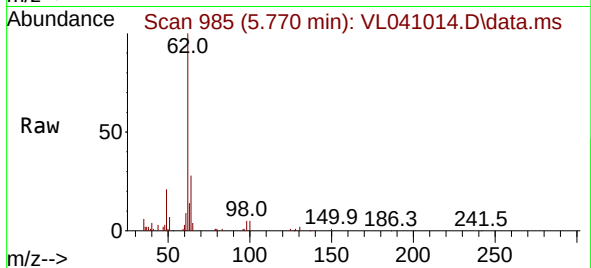
98 6.4 4.7 7.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#38

Trichloroethene

Concen: 0.472 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Tgt Ion:130 Resp: 42966

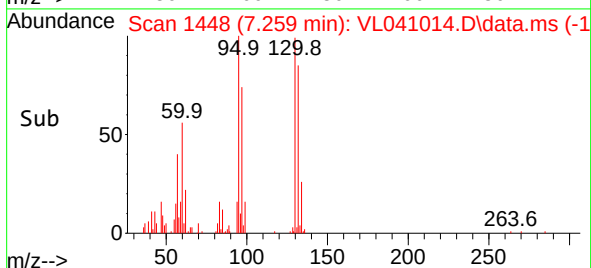
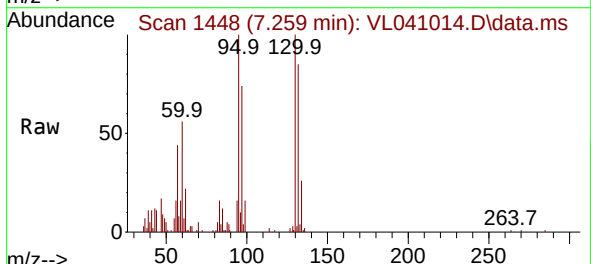
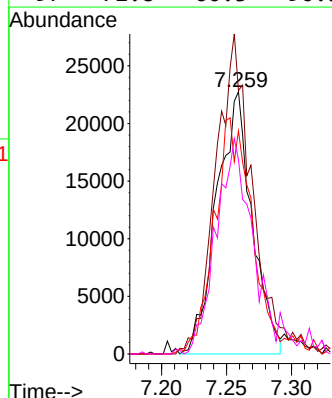
Ion Ratio Lower Upper

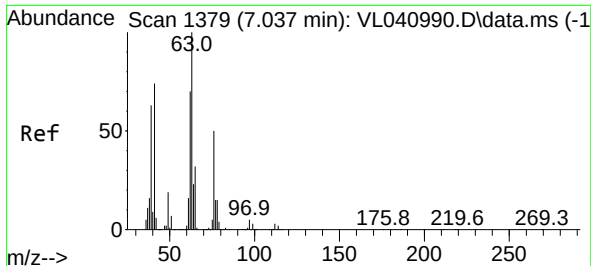
130 100

95 98.2 92.9 139.3

132 83.1 76.2 114.2

97 72.8 60.3 90.5





#39

1,2-Dichloropropane

Concen: 0.485 ppbv m

RT: 7.037 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL041014.D

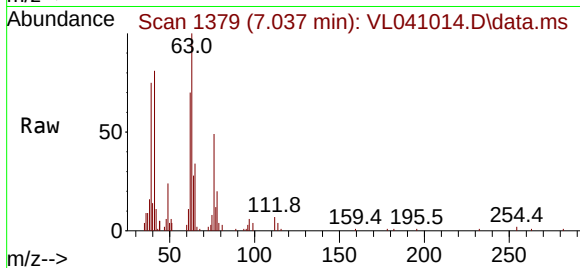
Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

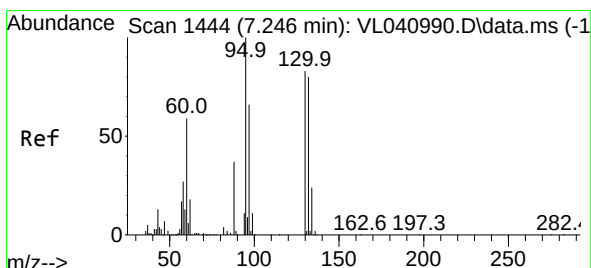
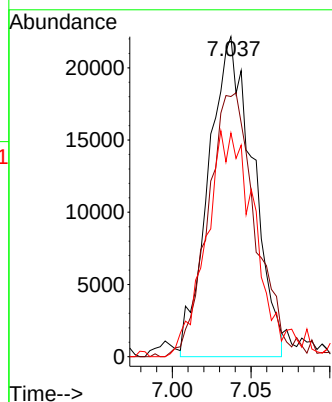
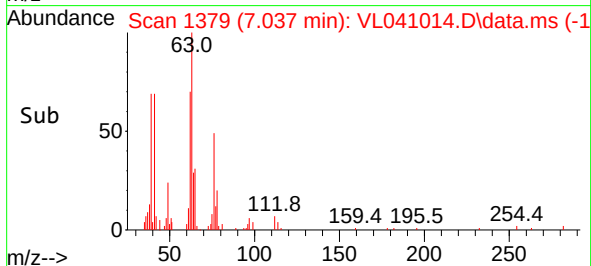
LOQ-AIR-02-QT1-2024



Tgt Ion: 63	Resp: 4333
Ion Ratio	Lower Upper
63	100
41	81.3 59.6 89.4
62	69.9 55.6 83.4

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#40

1,4-Dioxane

Concen: 0.490 ppbv m

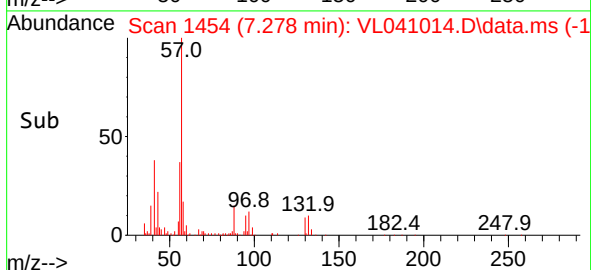
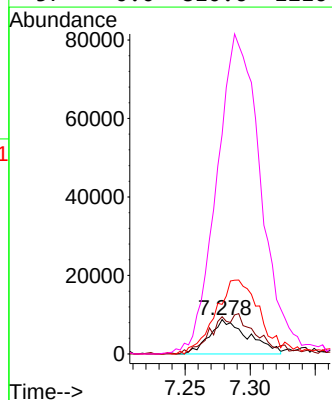
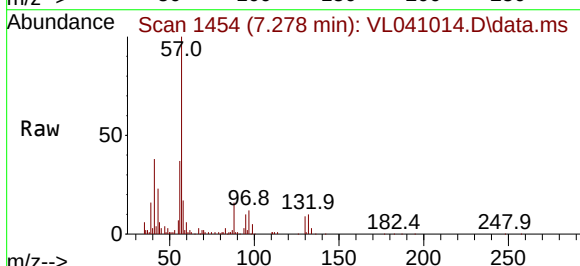
RT: 7.278 min Scan# 1454

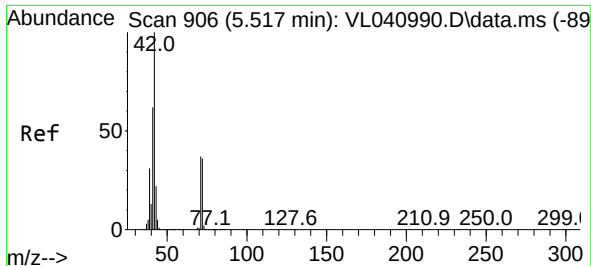
Delta R.T. 0.029 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

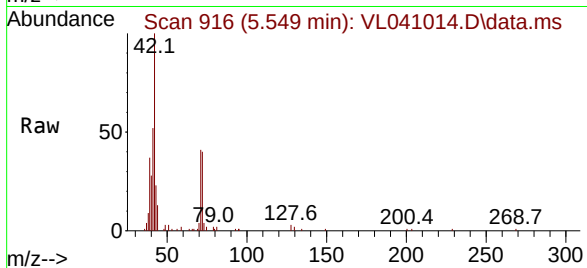
Tgt Ion: 88	Resp: 18204
Ion Ratio	Lower Upper
88	100
58	0.0 96.6 144.8#
43	0.0 191.0 286.6#
57	0.0 810.6 1216.0#





#41
Tetrahydrofuran
Concen: 0.489 ppbv m
RT: 5.549 min Scan# 916
Delta R.T. 0.029 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

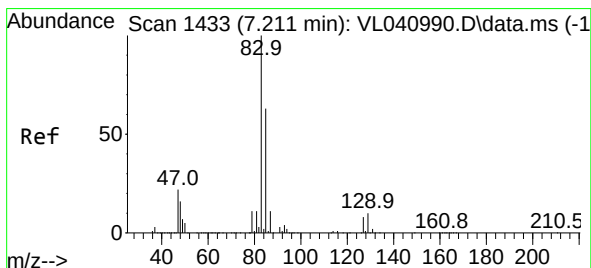
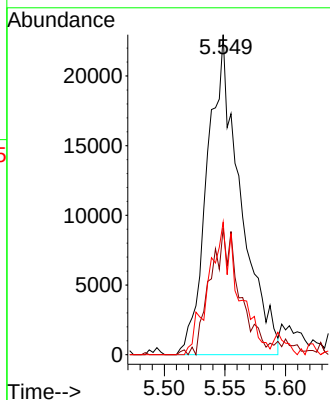
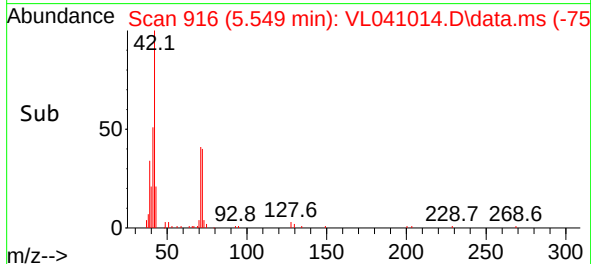
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 42 Resp: 4346
Ion Ratio Lower Upper
42 100
72 39.6 30.0 45.0
71 41.5 29.5 44.3

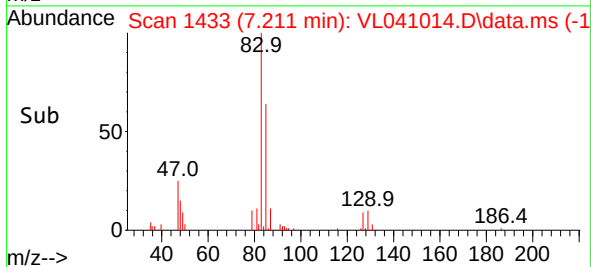
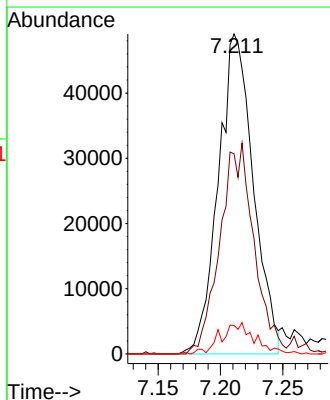
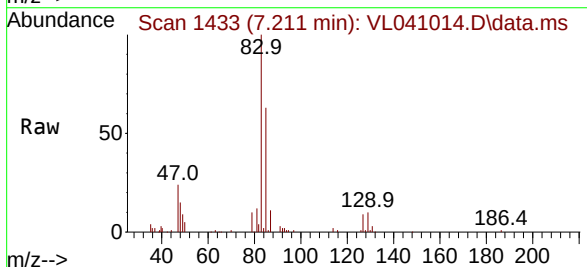
Manual Integrations
APPROVED

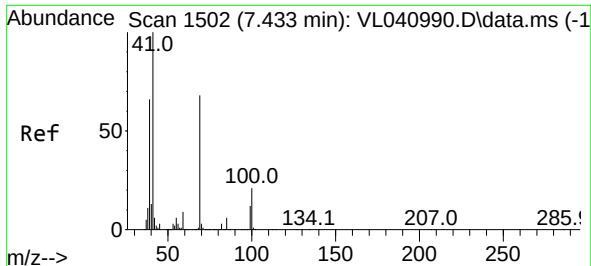
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
Bromodichloromethane
Concen: 0.484 ppbv
RT: 7.211 min Scan# 1433
Delta R.T. -0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

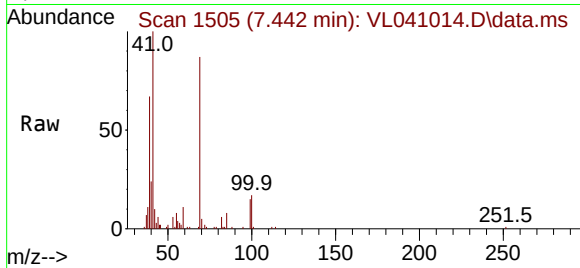
Tgt Ion: 83 Resp: 95827
Ion Ratio Lower Upper
83 100
85 62.5 50.5 75.7
127 8.9 6.4 9.6





#43
Methyl Methacrylate
Concen: 0.408 ppbv
RT: 7.442 min Scan# 1505
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

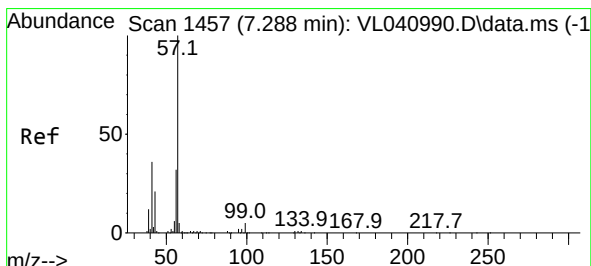
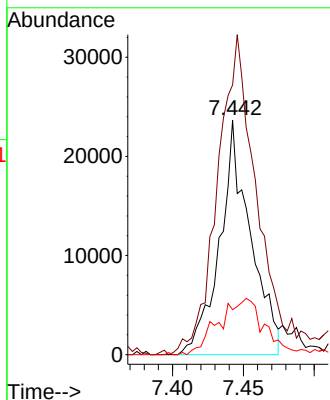
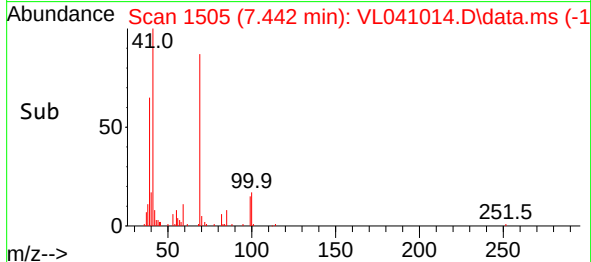
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



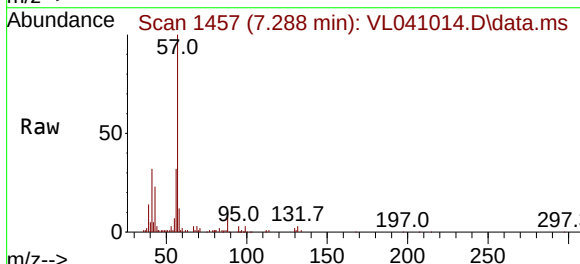
Tgt Ion: 69 Resp: 35720
Ion Ratio Lower Upper
69 100
41 175.3 120.2 180.2
100 36.0 24.6 36.8

Manual Integrations
APPROVED

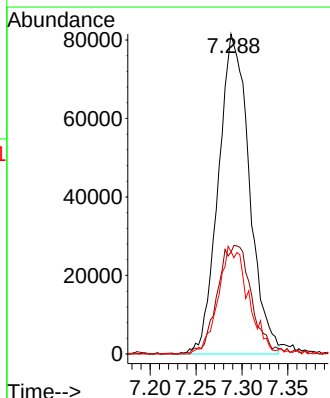
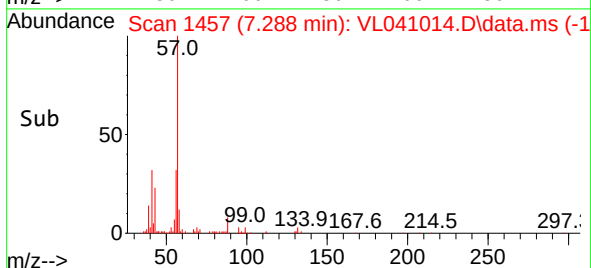
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

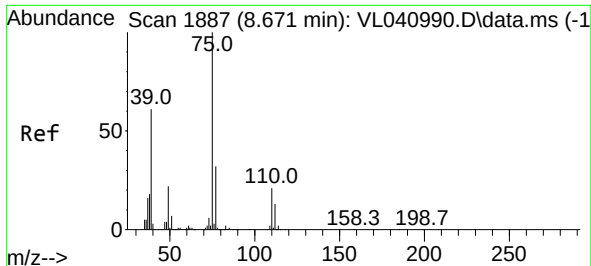


#44
2,2,4-Trimethylpentane
Concen: 0.500 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. -0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



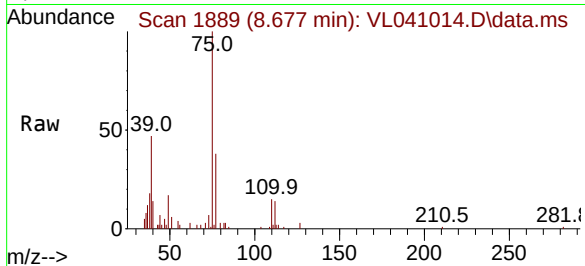
Tgt Ion: 57 Resp: 191026
Ion Ratio Lower Upper
57 100
41 38.1 28.6 43.0
56 33.5 25.2 37.8





#45
 t-1,3-Dichloropropene
 Concen: 0.382 ppbv m
 RT: 8.677 min Scan# 1887
 Delta R.T. 0.003 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

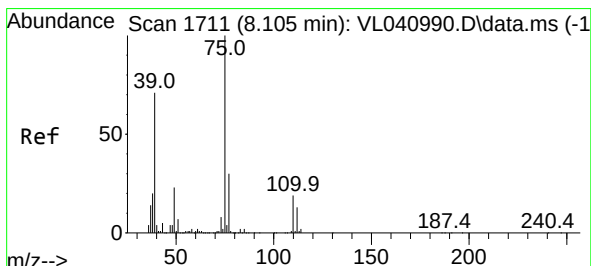
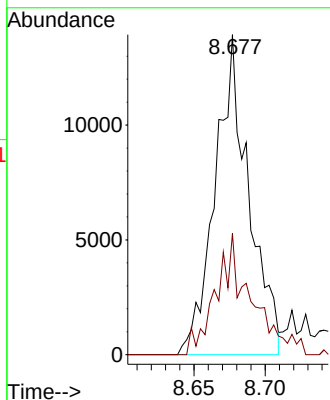
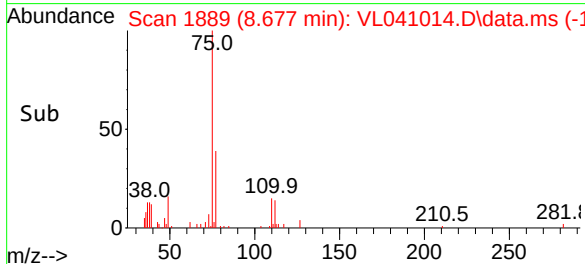
Instrument : MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024



Tgt Ion: 75 Resp: 2286
 Ion Ratio Lower Upper
 75 100
 77 37.9 25.3 37.9

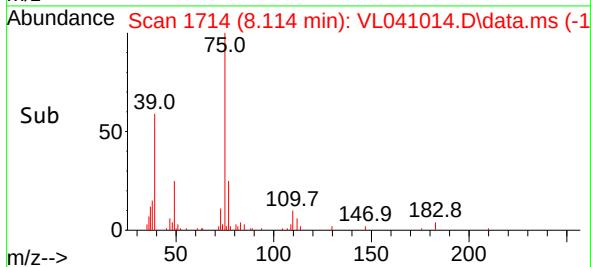
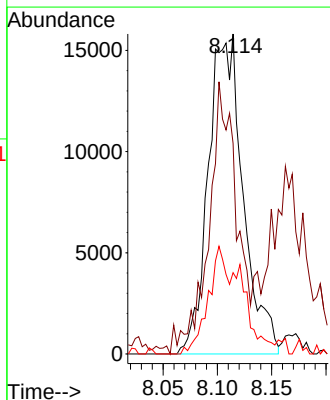
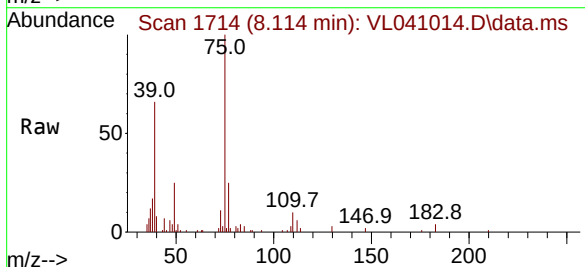
Manual Integrations
 APPROVED

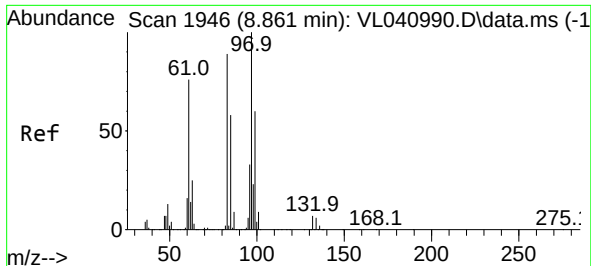
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#46
 cis-1,3-Dichloropropene
 Concen: 0.471 ppbv m
 RT: 8.114 min Scan# 1714
 Delta R.T. 0.009 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

Tgt Ion: 75 Resp: 35132
 Ion Ratio Lower Upper
 75 100
 39 65.8 57.3 85.9
 77 25.4 24.3 36.5





#47

1,1,2-Trichloroethane

Concen: 0.494 ppbv

RT: 8.860 min Scan# 1946

Delta R.T. -0.000 min

Lab File: VL041014.D

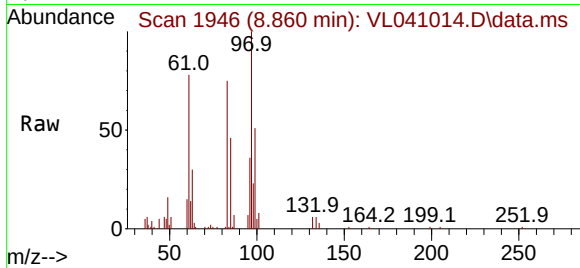
Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024



Tgt Ion: 97 Resp: 47580

Ion Ratio Lower Upper

97 100

83 74.4 71.5 107.3

85 45.8 46.1 69.1

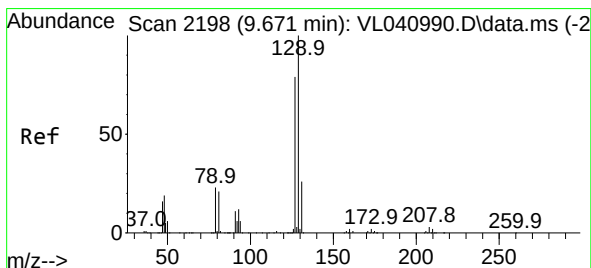
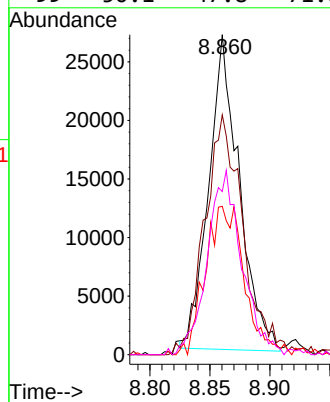
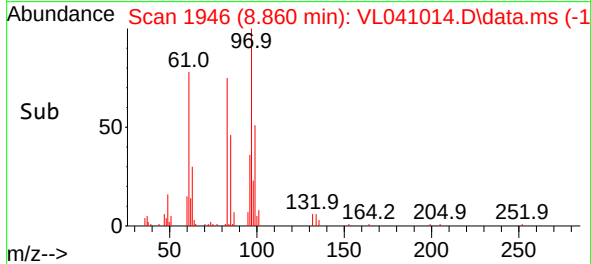
99 50.1 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#48

Dibromochloromethane

Concen: 0.458 ppbv m

RT: 9.674 min Scan# 2199

Delta R.T. 0.003 min

Lab File: VL041014.D

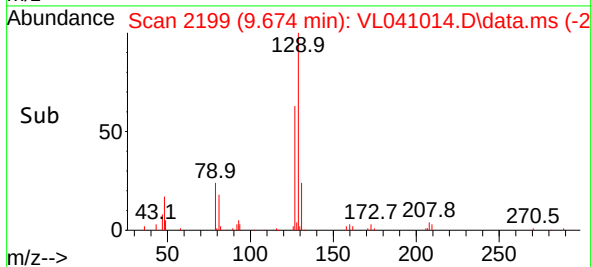
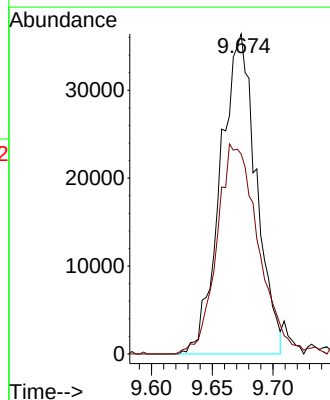
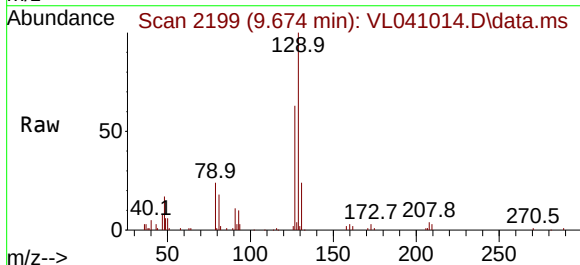
Acq: 24 Jan 2024 13:53

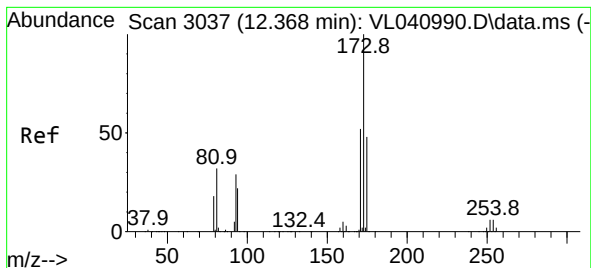
Tgt Ion:129 Resp: 74543

Ion Ratio Lower Upper

129 100

127 0.0 39.6 119.0





#49

Bromoform

Concen: 0.425 ppbv

RT: 12.368 min Scan# 3037

Delta R.T. -0.003 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

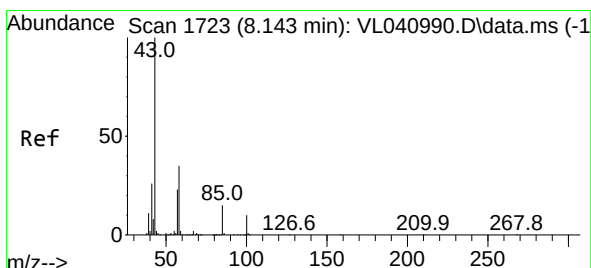
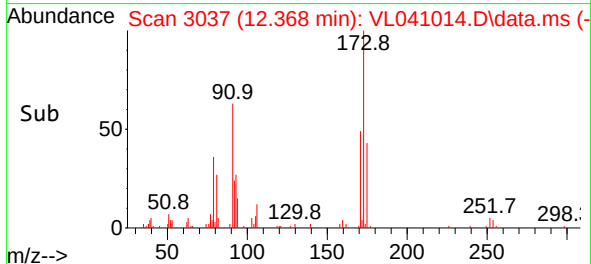
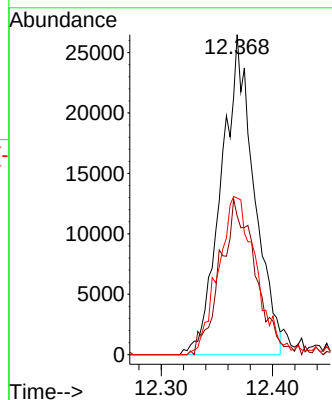
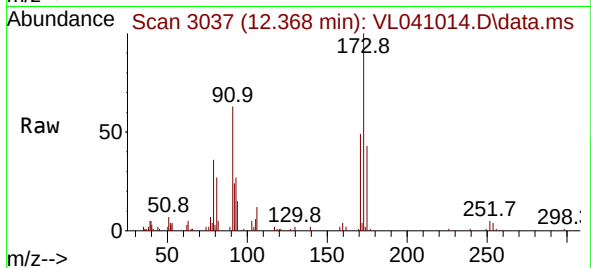
LOQ-AIR-02-QT1-2024

Tgt Ion:	173	Resp:	5429
Ion Ratio	Lower	Upper	
173	100		
175	52.3	39.0	58.4
171	57.2	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#50

4-Methyl-2-Pentanone

Concen: 0.448 ppbv m

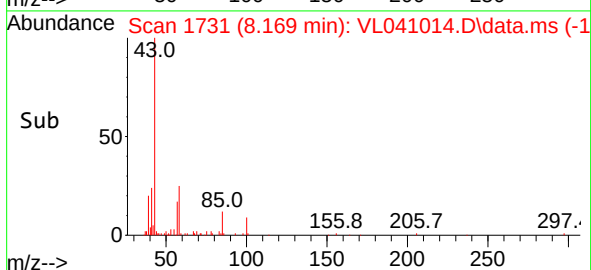
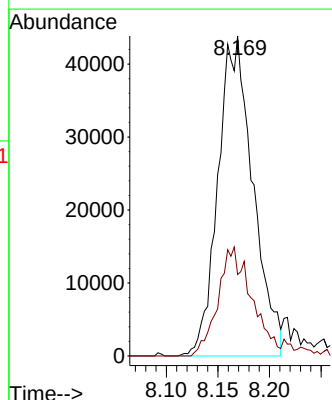
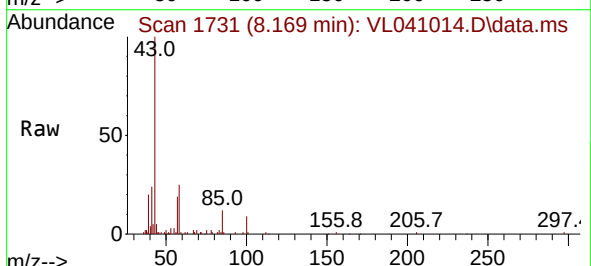
RT: 8.169 min Scan# 1731

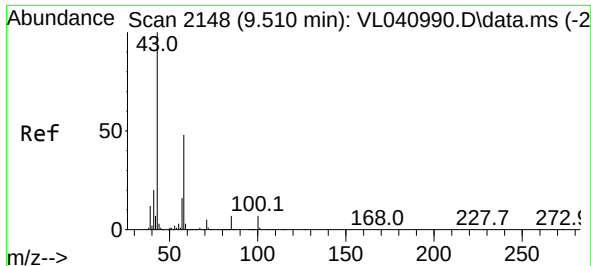
Delta R.T. 0.026 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

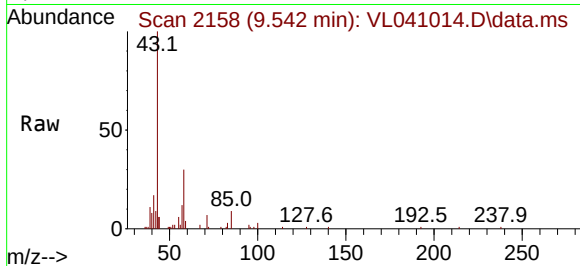
Tgt Ion:	43	Resp:	103241
Ion Ratio	Lower	Upper	
43	100		
58	0.0	27.8	41.8





#51
2-Hexanone
Concen: 0.406 ppbv m
RT: 9.542 min Scan# 2148
Delta R.T. 0.029 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

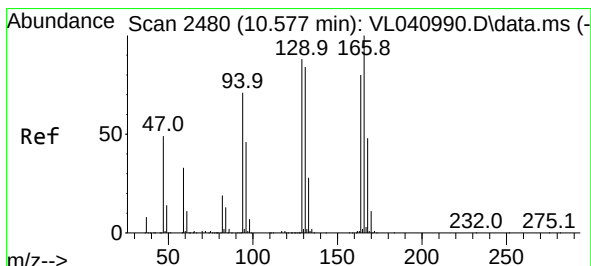
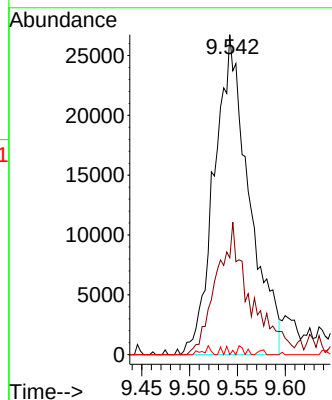
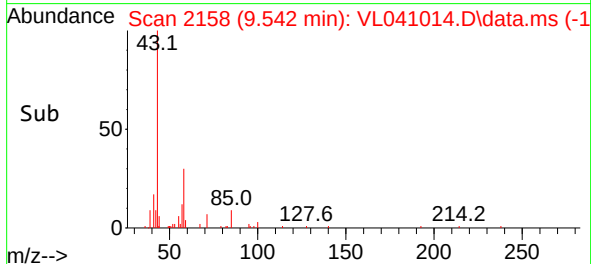
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 43 Resp: 67469
Ion Ratio Lower Upper
43 100
58 0.0 36.8 55.2
98 0.9 0.3 0.5

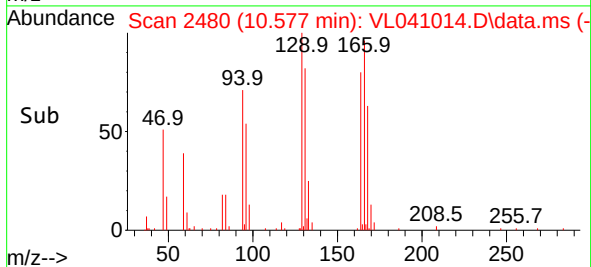
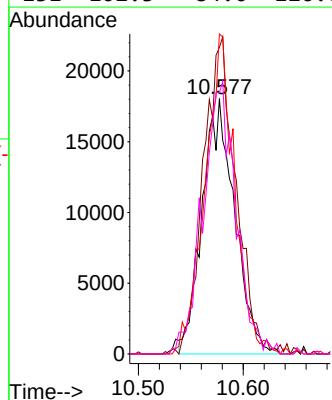
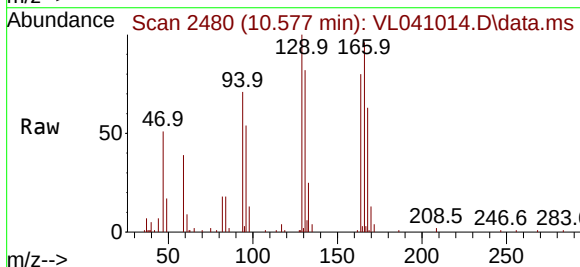
Manual Integrations
APPROVED

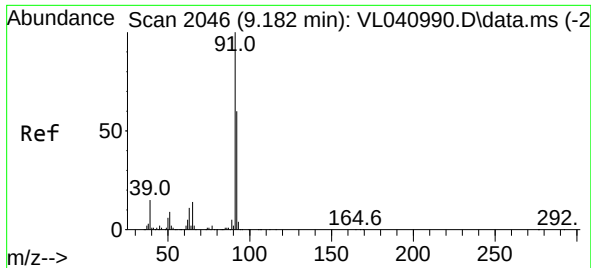
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#52
Tetrachloroethene
Concen: 0.516 ppbv m
RT: 10.577 min Scan# 2480
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Tgt Ion:164 Resp: 38874
Ion Ratio Lower Upper
164 100
166 120.1 100.2 150.2
129 125.3 87.9 131.9
131 102.3 84.0 126.0





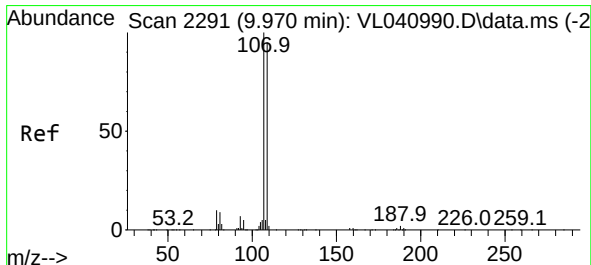
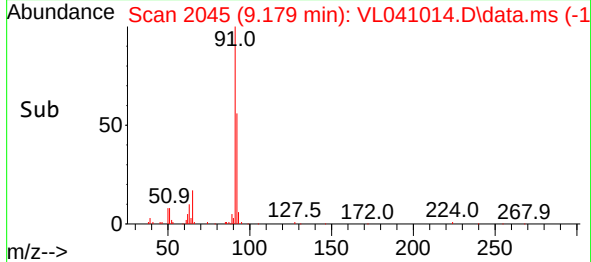
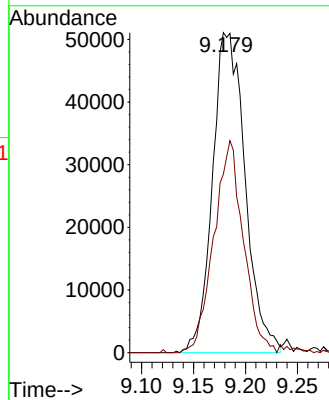
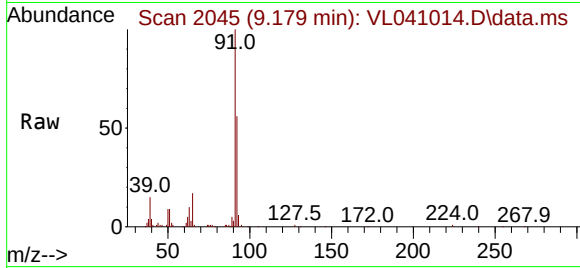
#53
Toluene
Concen: 0.448 ppbv
RT: 9.179 min Scan# 2046
Delta R.T. -0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion: 91 Resp: 11143
Ion Ratio Lower Upper
91 100
92 61.1 48.6 72.8

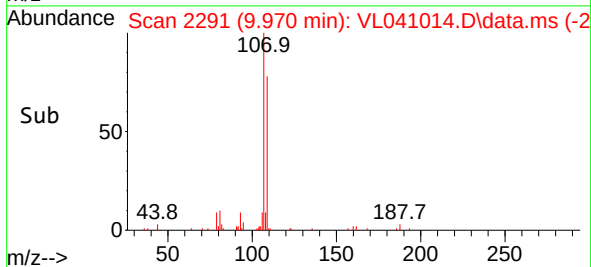
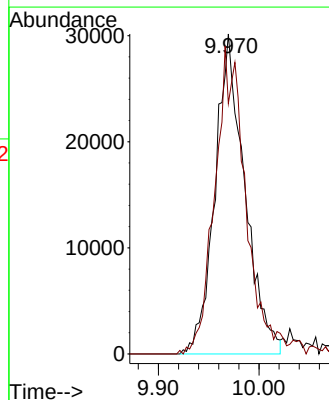
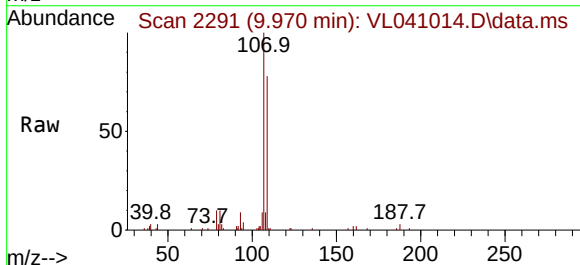
Manual Integrations
APPROVED

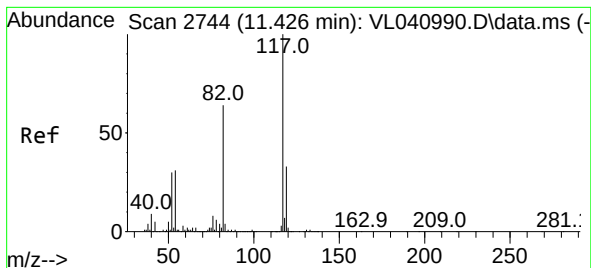
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#54
1,2-Dibromoethane
Concen: 0.475 ppbv
RT: 9.970 min Scan# 2291
Delta R.T. -0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

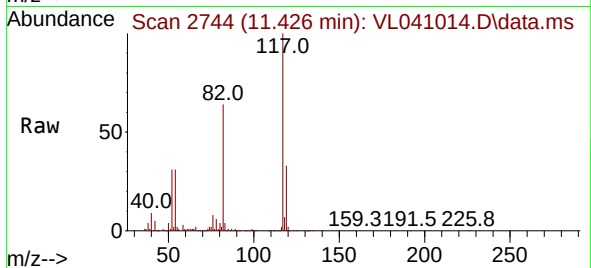
Tgt Ion:107 Resp: 62025
Ion Ratio Lower Upper
107 100
109 77.2 76.1 114.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.426 min Scan# 2744
Delta R.T. -0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

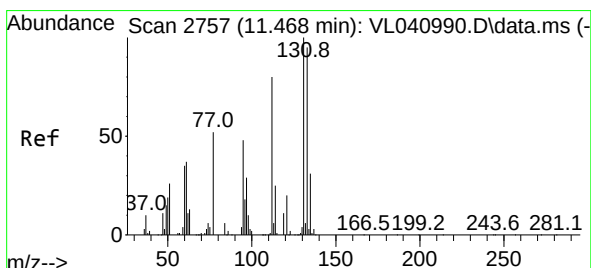
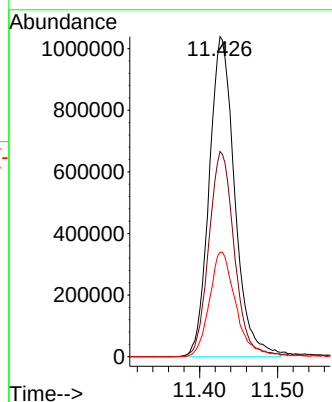
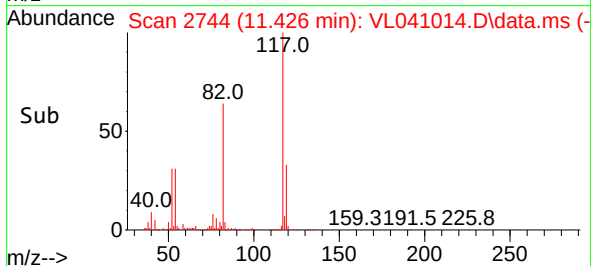
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



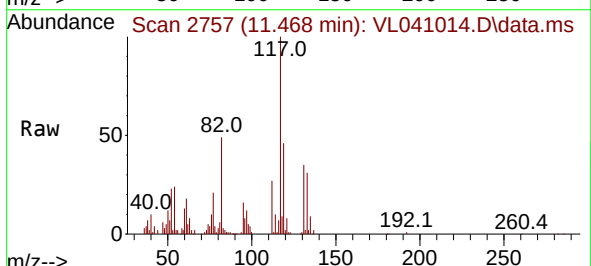
Tgt Ion:117 Resp: 2365328
Ion Ratio Lower Upper
117 100
82 64.9 51.7 77.5
119 34.3 23.8 35.6

Manual Integrations
APPROVED

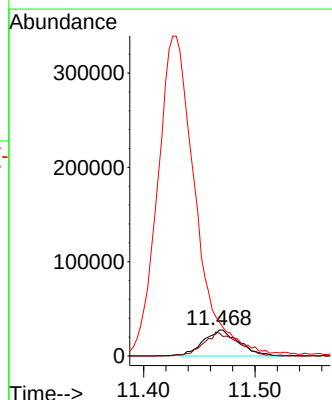
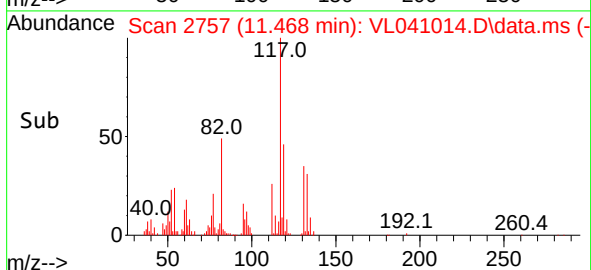
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

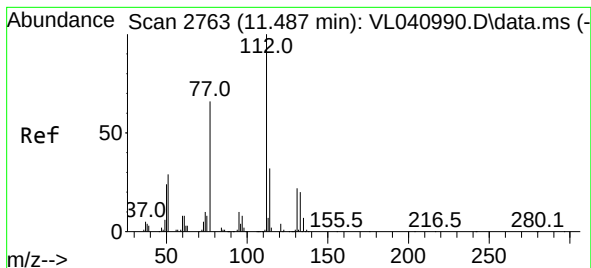


#56
1,1,1,2-Tetrachloroethane
Concen: 0.538 ppbv
RT: 11.468 min Scan# 2757
Delta R.T. -0.000 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



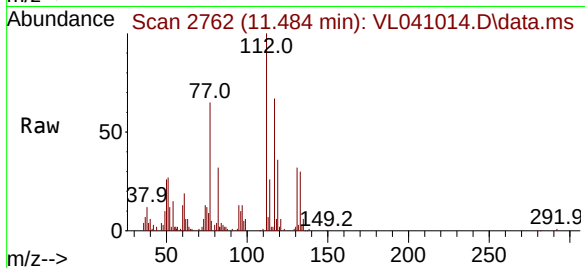
Tgt Ion:131 Resp: 61092
Ion Ratio Lower Upper
131 100
133 89.9 75.9 113.9
119 1328.5 49.2 73.8#





#57
Chlorobenzene
Concen: 0.539 ppbv
RT: 11.484 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

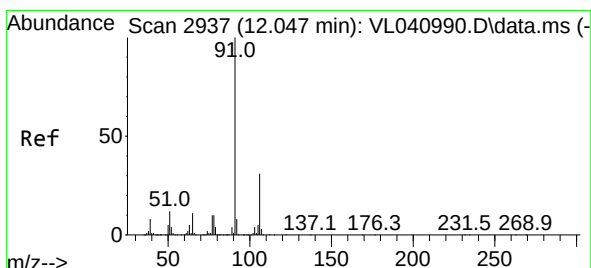
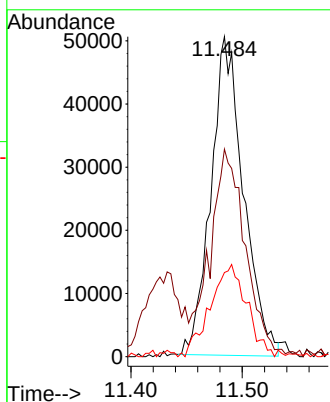
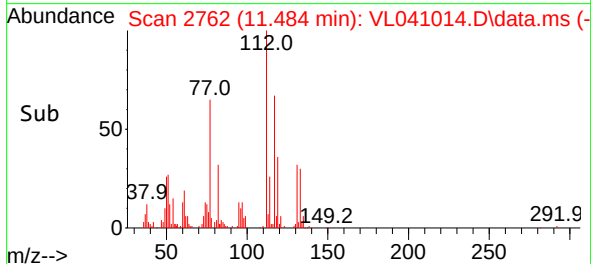
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion:112 Resp: 102569
Ion Ratio Lower Upper
112 100
77 67.2 53.4 80.0
114 26.5 29.1 35.5

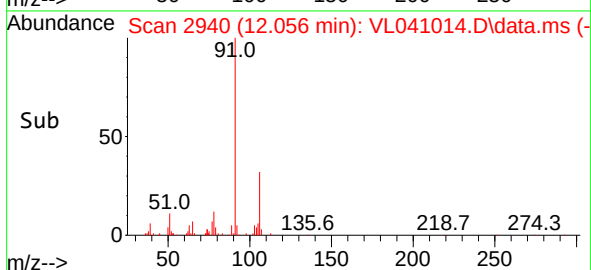
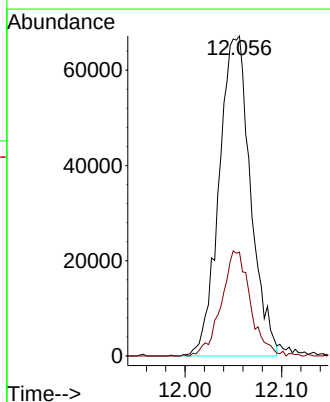
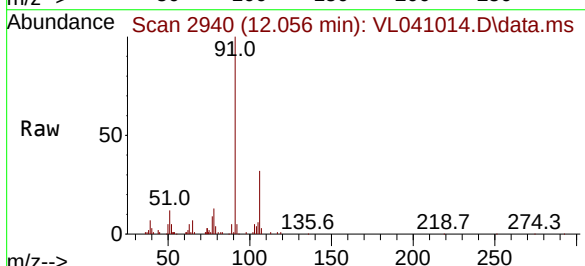
Manual Integrations
APPROVED

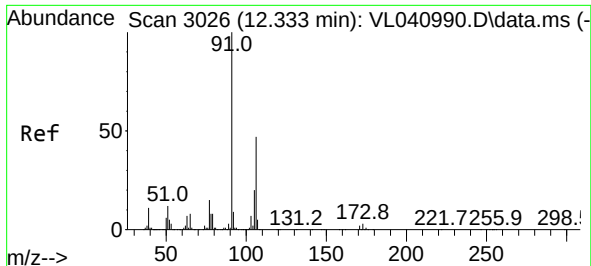
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#58
Ethyl Benzene
Concen: 0.478 ppbv m
RT: 12.056 min Scan# 2940
Delta R.T. 0.006 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Tgt Ion: 91 Resp: 151935
Ion Ratio Lower Upper
91 100
106 32.4 24.8 37.2





#59

m/p-Xylene

Concen: 0.992 ppbv m

RT: 12.339 min Scan# 3026

Delta R.T. 0.006 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024

Tgt Ion: 91 Resp: 27485

Ion Ratio Lower Upper

91 100

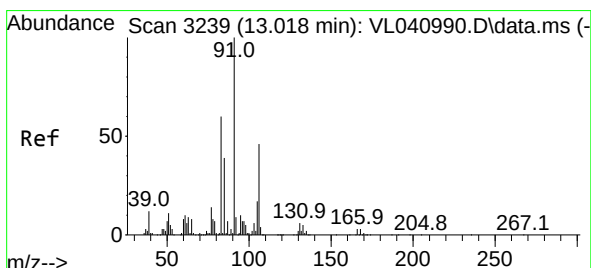
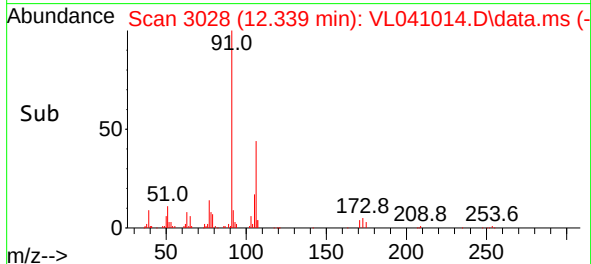
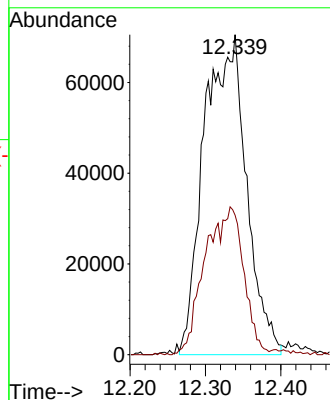
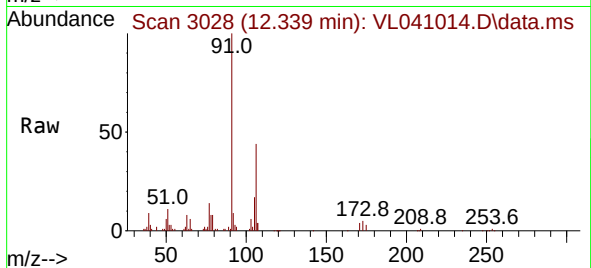
106 43.2 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#60

o-Xylene

Concen: 0.488 ppbv

RT: 13.024 min Scan# 3241

Delta R.T. -0.000 min

Lab File: VL041014.D

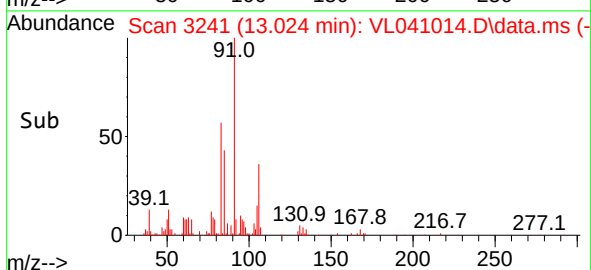
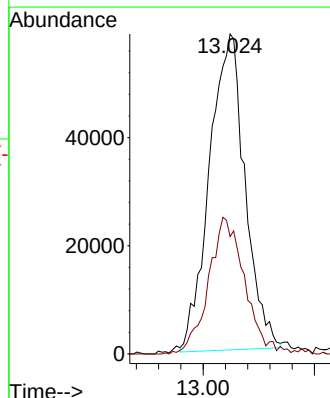
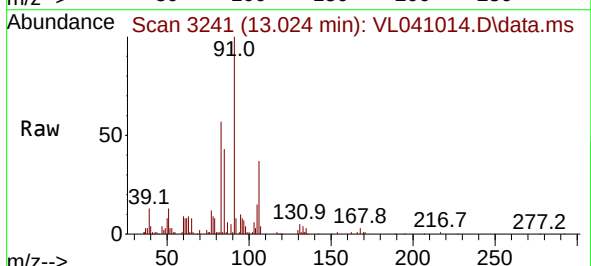
Acq: 24 Jan 2024 13:53

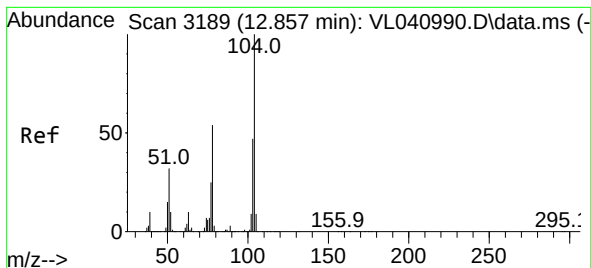
Tgt Ion: 91 Resp: 129689

Ion Ratio Lower Upper

91 100

106 44.5 22.6 67.7





#61

Styrene

Concen: 0.411 ppbv m

RT: 12.863 min Scan# 3189

Delta R.T. 0.003 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

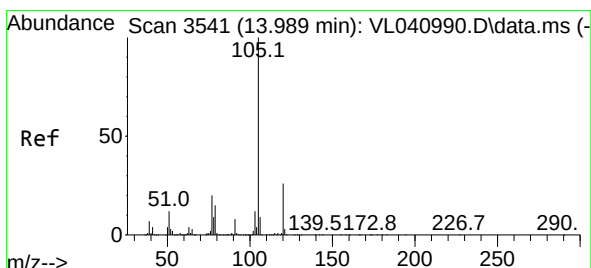
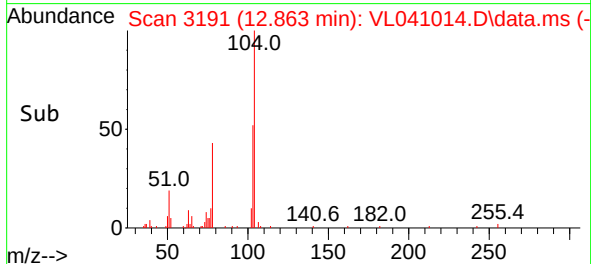
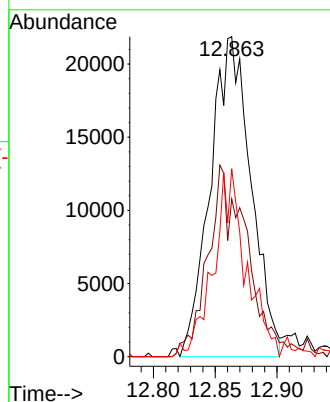
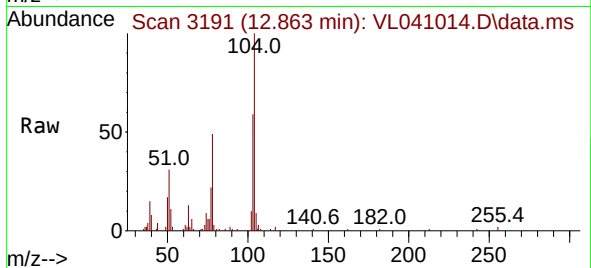
LOQ-AIR-02-QT1-2024

Tgt Ion:104 Resp: 50169
 Ion Ratio Lower Upper
 104 100
 78 59.1 42.7 64.1
 103 0.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#62

Isopropylbenzene

Concen: 0.529 ppbv

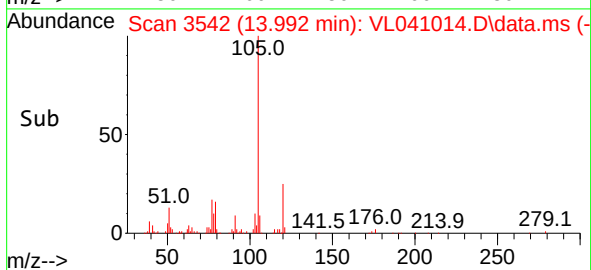
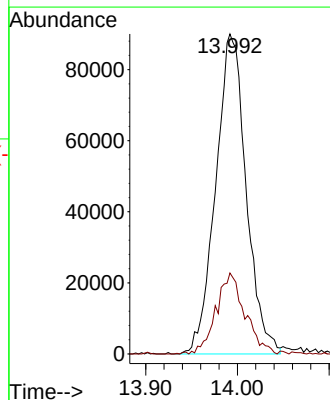
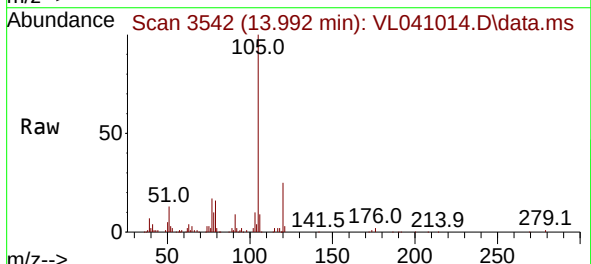
RT: 13.992 min Scan# 3542

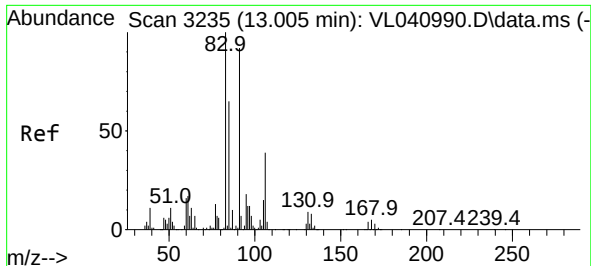
Delta R.T. -0.000 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

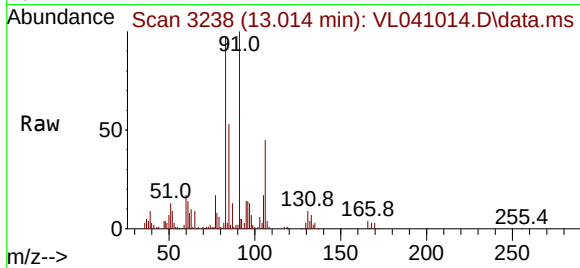
Tgt Ion:105 Resp: 207828
 Ion Ratio Lower Upper
 105 100
 120 24.3 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.535 ppbv m
RT: 13.014 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

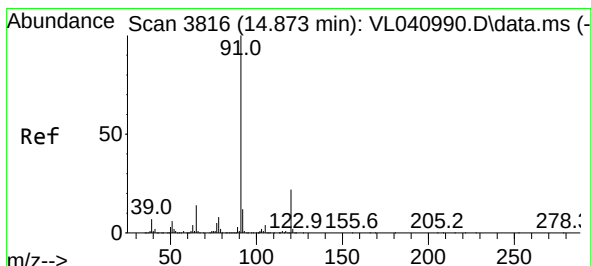
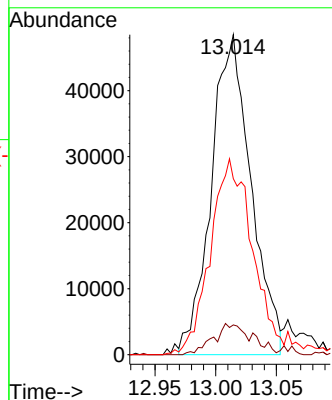
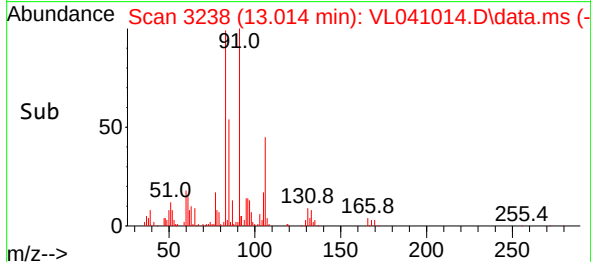
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 83 Resp: 110468
Ion Ratio Lower Upper
83 100
131 10.5 4.6 13.8
85 68.7 33.0 99.0

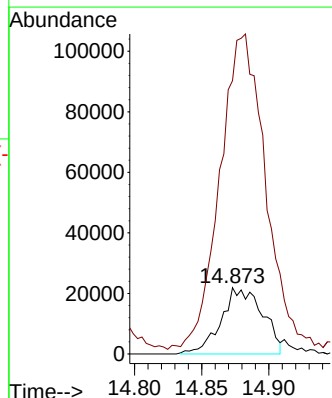
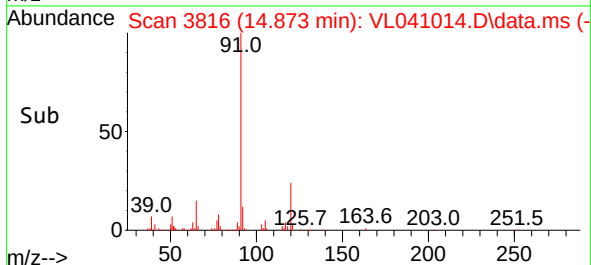
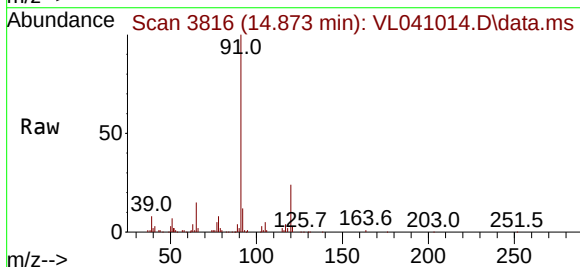
Manual Integrations
APPROVED

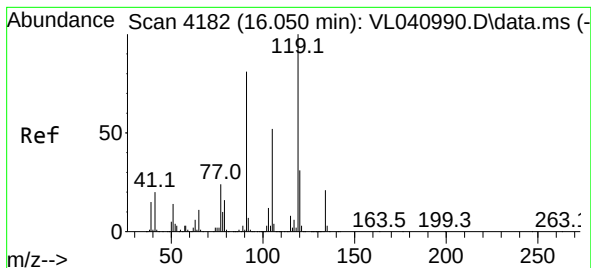
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#64
n-propylbenzene
Concen: 0.471 ppbv m
RT: 14.873 min Scan# 3816
Delta R.T. -0.007 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

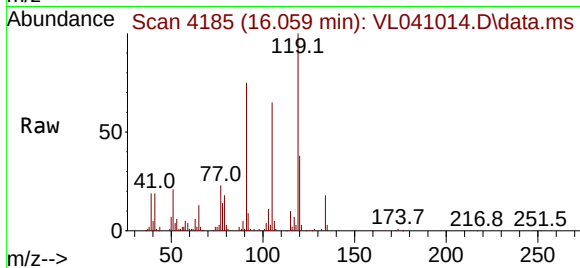
Tgt Ion:120 Resp: 46755
Ion Ratio Lower Upper
120 100
91 330.2 390.6 585.8#





#65
tert-Butylbenzene
Concen: 0.509 ppbv m
RT: 16.059 min Scan# 4182
Delta R.T. 0.006 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

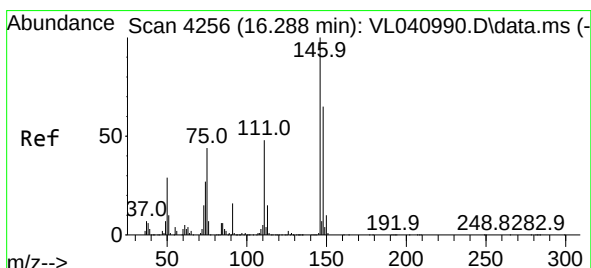
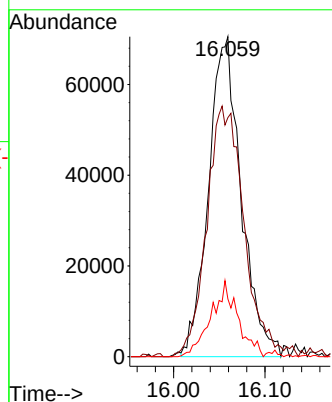
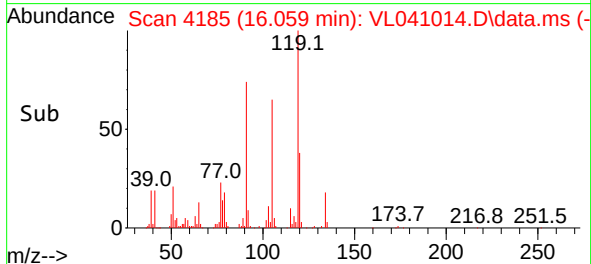
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



Tgt Ion: 119 Resp: 174649
Ion Ratio Lower Upper
119 100
91 90.2 67.6 101.4
134 20.2 16.1 24.1

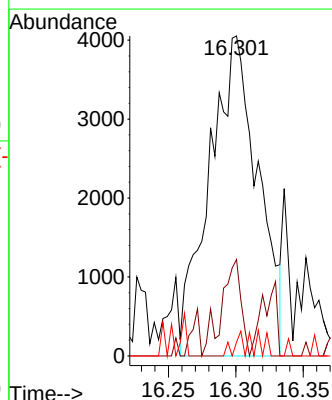
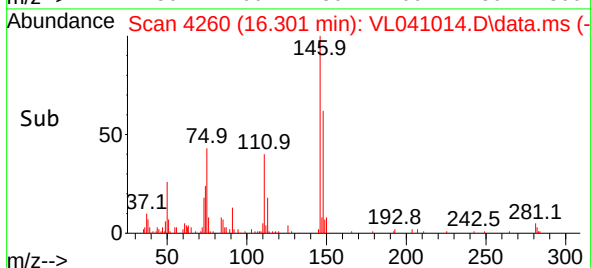
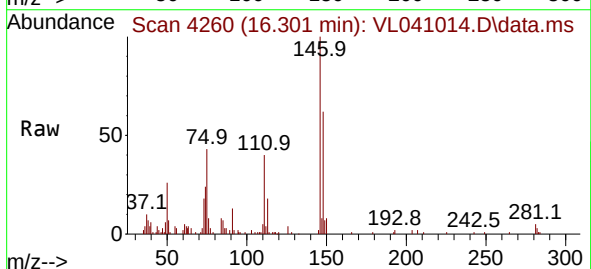
Manual Integrations
APPROVED

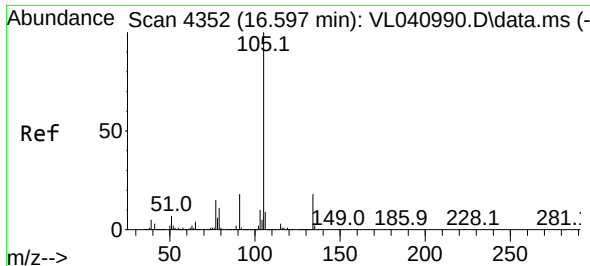
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#66
Benzyl Chloride
Concen: 0.453 ppbv m
RT: 16.301 min Scan# 4260
Delta R.T. 0.009 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

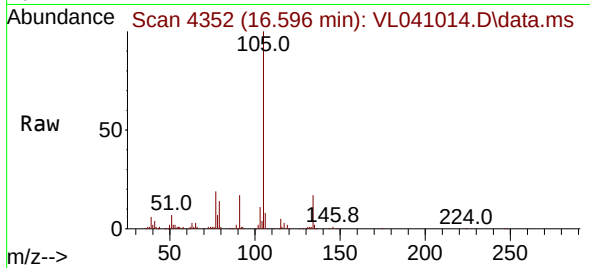
Tgt Ion: 91 Resp: 10187
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 2.9 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 0.510 ppbv m
 RT: 16.596 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

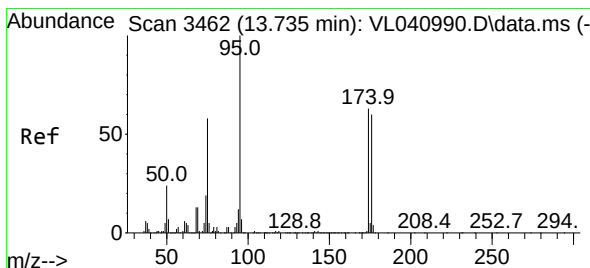
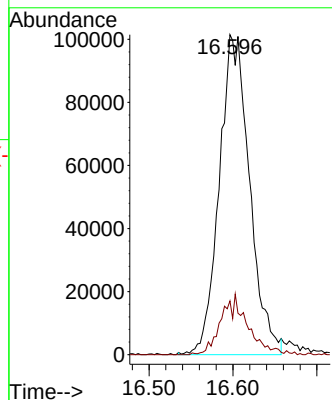
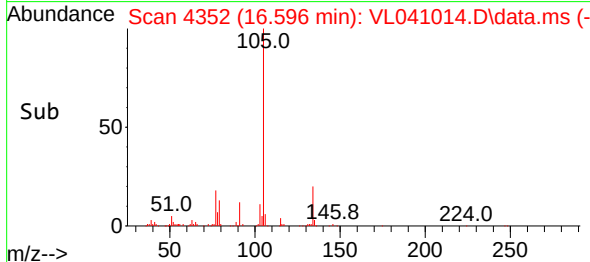
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024



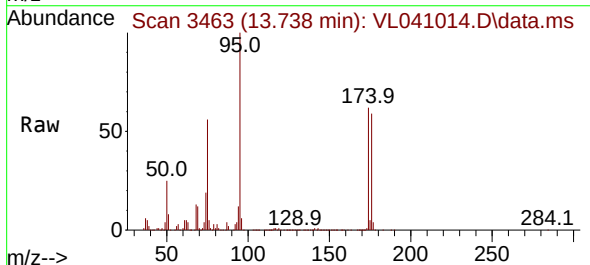
Tgt Ion: 105 Resp: 25513
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.2 21.4

Manual Integrations
 APPROVED

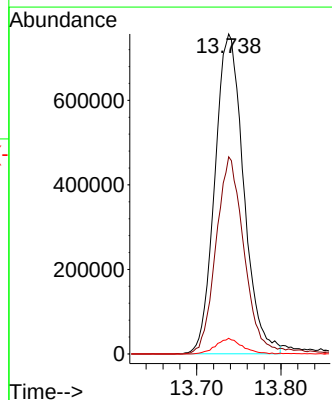
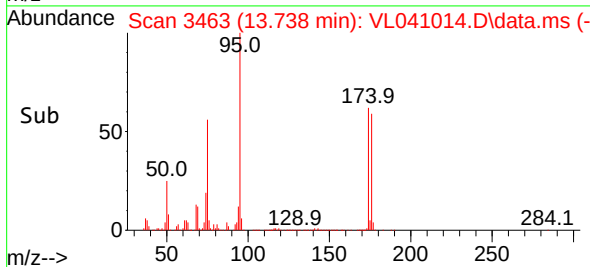
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

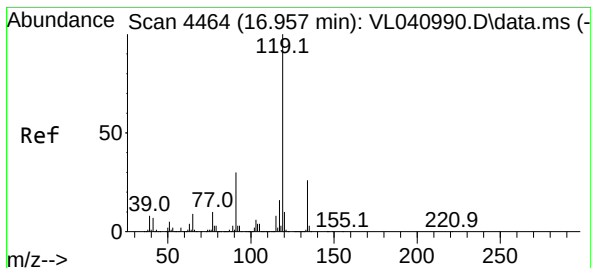


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.039 ppbv
 RT: 13.738 min Scan# 3463
 Delta R.T. -0.000 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53



Tgt Ion: 95 Resp: 1793525
 Ion Ratio Lower Upper
 95 100
 174 61.8 49.1 73.7
 175 4.5 3.7 5.5





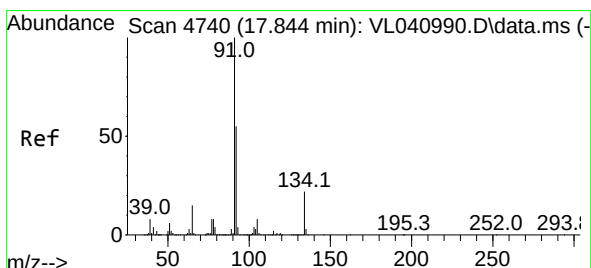
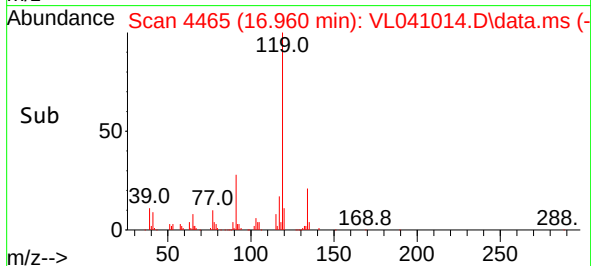
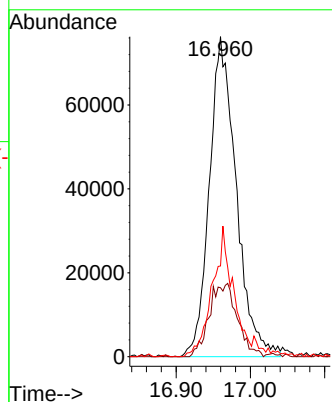
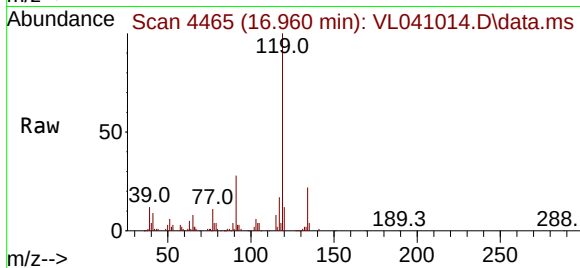
#69
p-Isopropyltoluene
Concen: 0.494 ppbv
RT: 16.960 min Scan# 4465
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion: 119 Resp: 19141
Ion Ratio Lower Upper
119 100
134 24.5 20.6 30.8
91 34.1 24.5 36.7

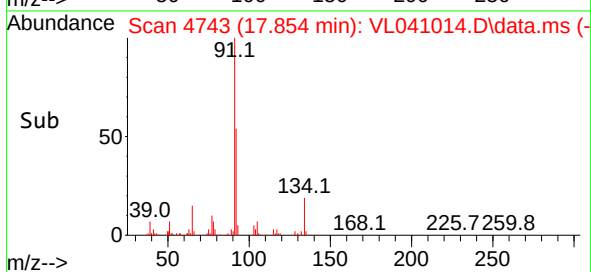
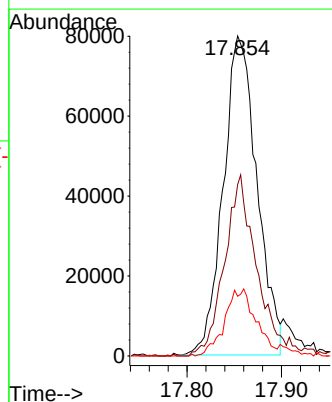
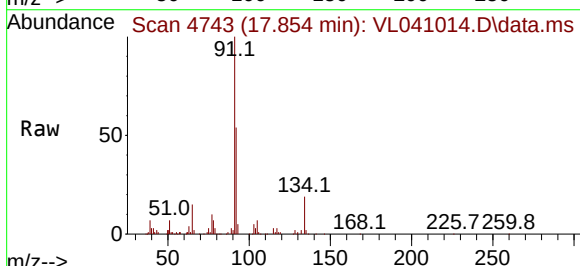
Manual Integrations
APPROVED

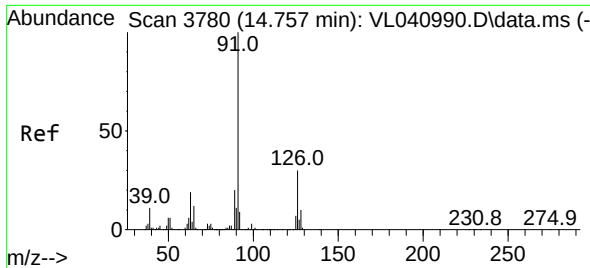
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#70
n-Butylbenzene
Concen: 0.473 ppbv
RT: 17.854 min Scan# 4743
Delta R.T. 0.006 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

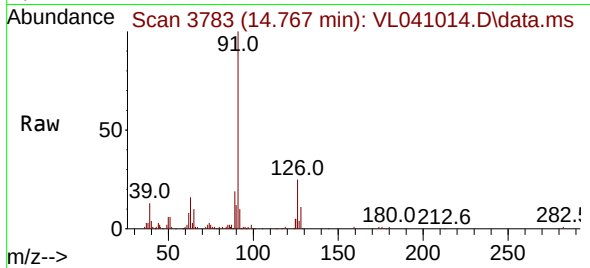
Tgt Ion: 91 Resp: 198037
Ion Ratio Lower Upper
91 100
92 55.6 43.4 65.0
134 21.2 17.4 26.0





#71
2-Chlorotoluene
Concen: 0.506 ppbv m
RT: 14.767 min Scan# 3780
Delta R.T. 0.006 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

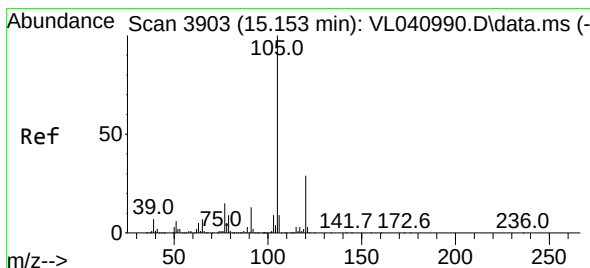
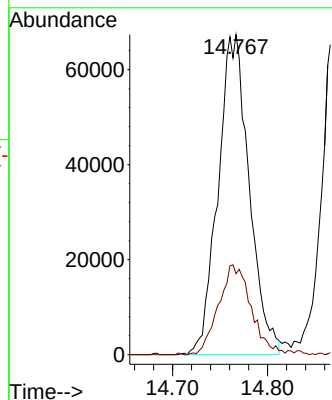
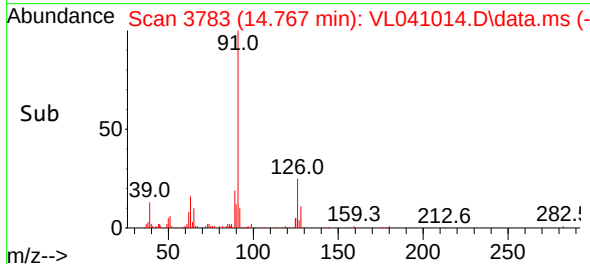
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024



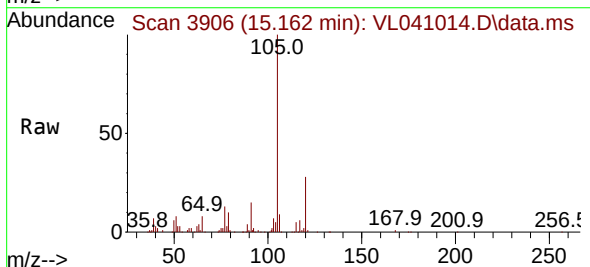
Tgt Ion: 91 Resp: 153400
Ion Ratio Lower Upper
91 100
126 0.0 12.3 49.1

Manual Integrations
APPROVED

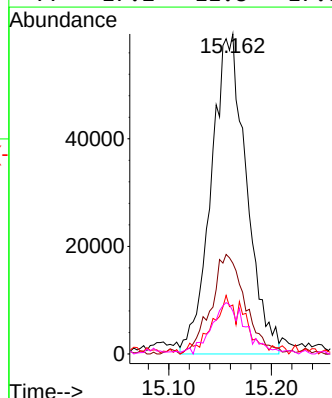
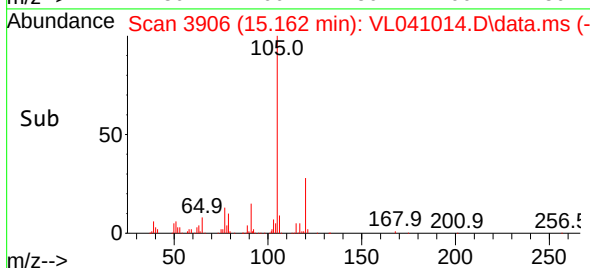
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

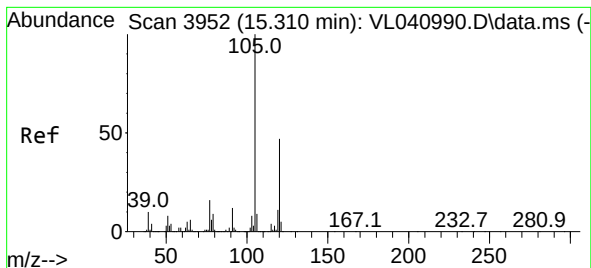


#72
4-Ethyltoluene
Concen: 0.477 ppbv m
RT: 15.162 min Scan# 3906
Delta R.T. 0.009 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53



Tgt Ion:105 Resp: 141690
Ion Ratio Lower Upper
105 100
120 31.3 24.3 36.5
91 17.0 11.0 16.4#
77 17.2 11.8 17.8





#73

1,3,5-Trimethylbenzene

Concen: 0.494 ppbv m

RT: 15.313 min Scan# 3952

Delta R.T. -0.000 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024

Tgt Ion:105 Resp: 130220

Ion Ratio Lower Upper

105 100

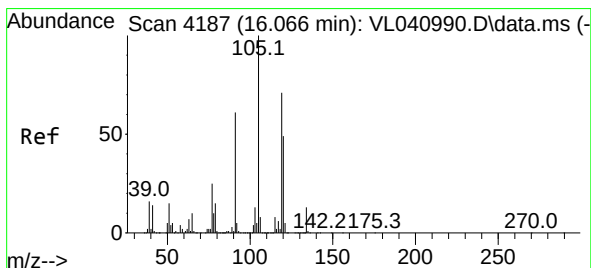
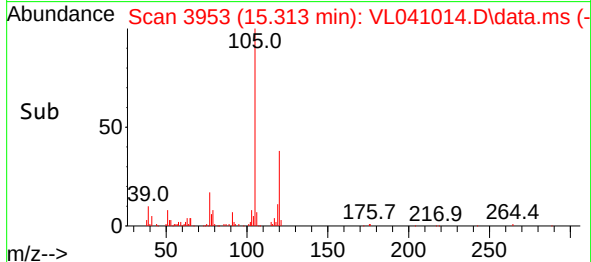
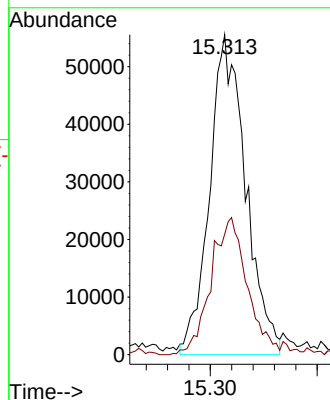
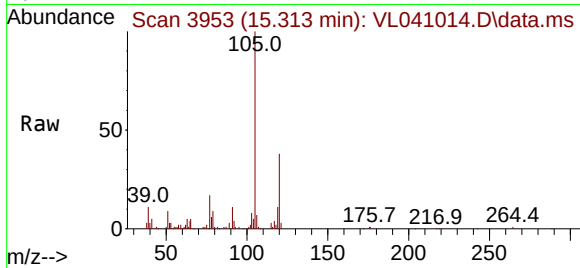
120 37.6 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.495 ppbv

RT: 16.069 min Scan# 4188

Delta R.T. -0.000 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Tgt Ion:105 Resp: 147920

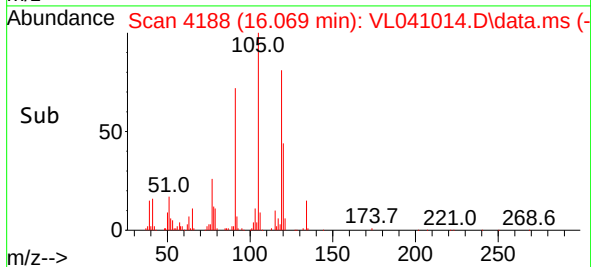
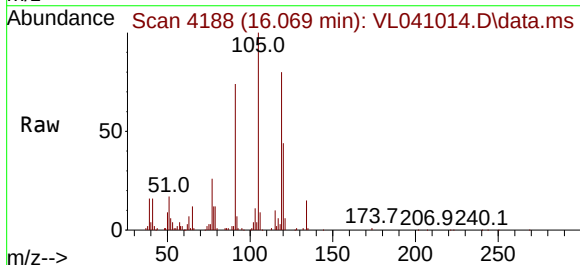
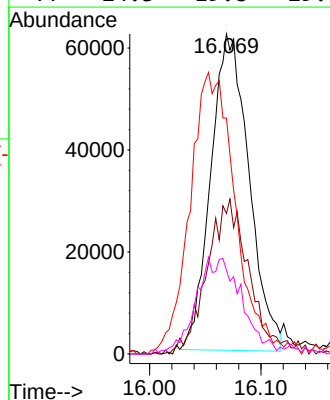
Ion Ratio Lower Upper

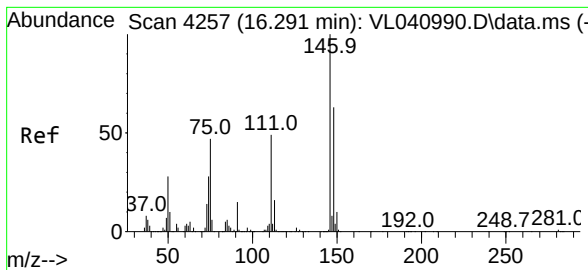
105 100

120 40.6 39.3 58.9

91 69.9 48.7 73.1

77 24.3 19.8 29.8





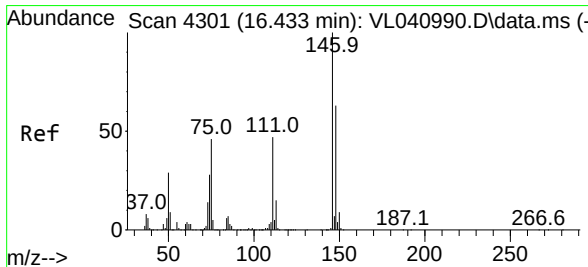
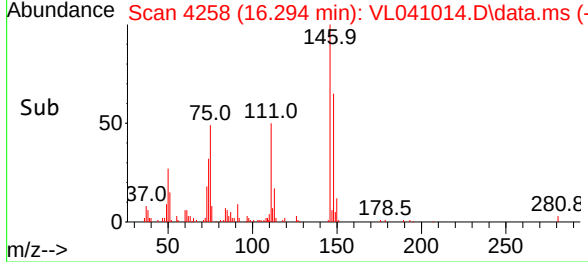
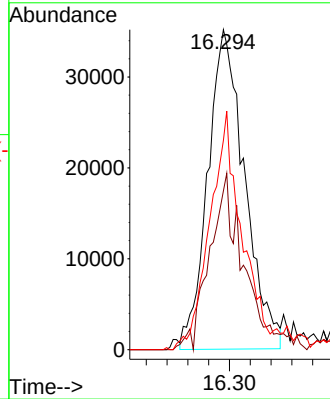
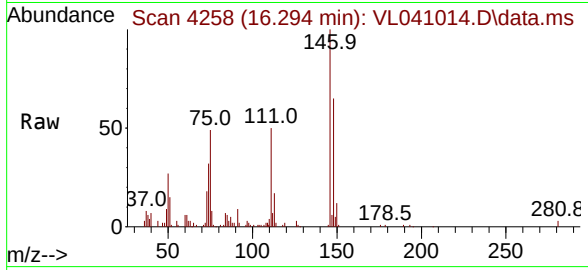
#75
1,3-Dichlorobenzene
Concen: 0.511 ppbv
RT: 16.294 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT1-2024

Tgt Ion:146 Resp: 86770
Ion Ratio Lower Upper
146 100
111 51.7 24.4 73.2
148 69.3 32.5 97.4

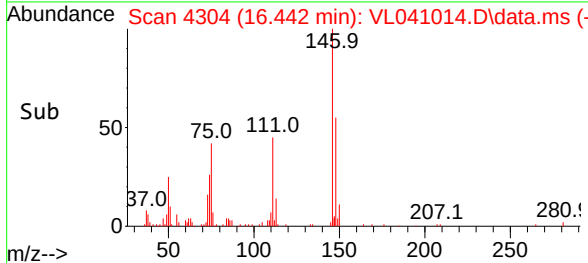
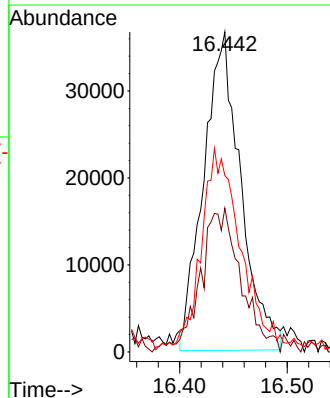
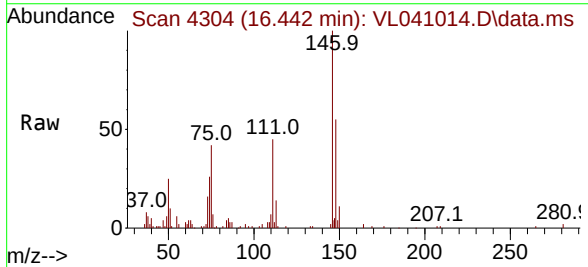
Manual Integrations
APPROVED

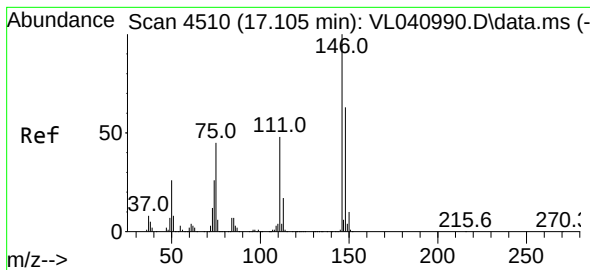
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#76
1,4-Dichlorobenzene
Concen: 0.523 ppbv
RT: 16.442 min Scan# 4304
Delta R.T. 0.009 min
Lab File: VL041014.D
Acq: 24 Jan 2024 13:53

Tgt Ion:146 Resp: 87700
Ion Ratio Lower Upper
146 100
111 52.8 24.0 72.0
148 72.6 32.9 98.7





#77

1,2-Dichlorobenzene

Concen: 0.490 ppbv m

RT: 17.108 min Scan# 4511

Delta R.T. 0.003 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT1-2024

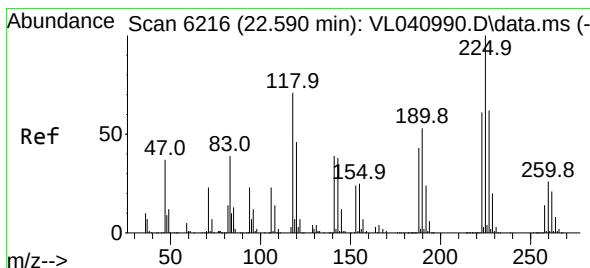
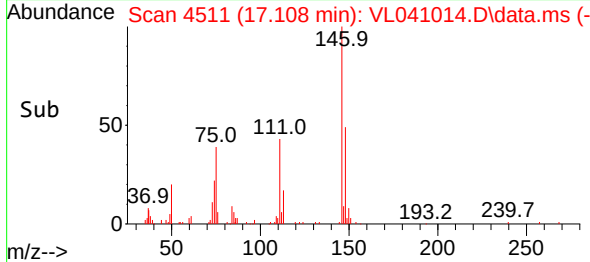
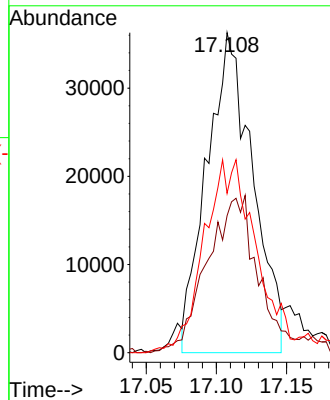
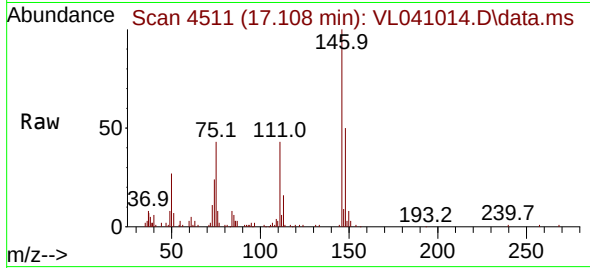
Tgt Ion:	146	Resp:	82715
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.8	74.3
148	0.0	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.583 ppbv m

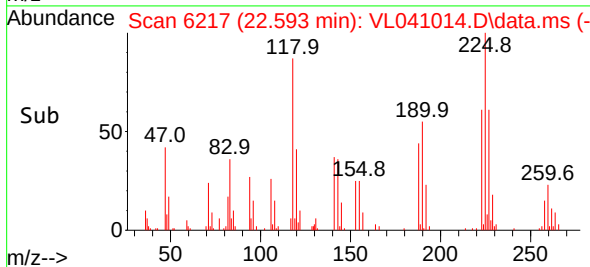
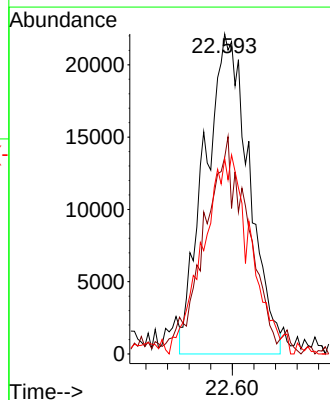
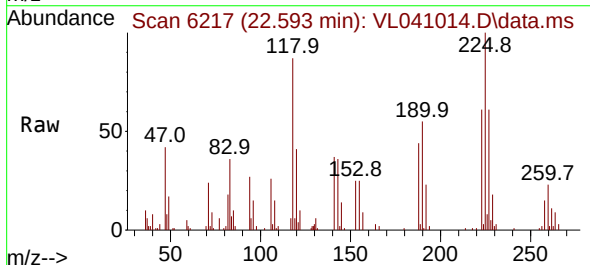
RT: 22.593 min Scan# 6217

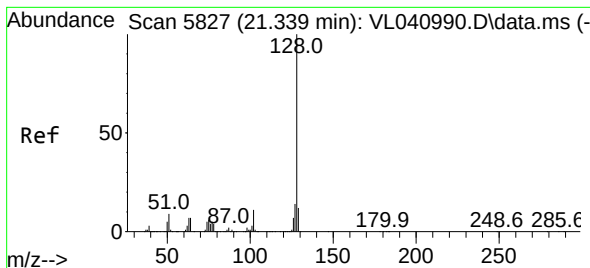
Delta R.T. 0.003 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Tgt Ion:	225	Resp:	63454
Ion Ratio	Lower	Upper	
225	100		
223	0.0	51.1	76.7
227	0.0	51.0	76.4





#79

Naphthalene

Concen: 0.494 ppbv

RT: 21.358 min Scan# 5833

Delta R.T. 0.019 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

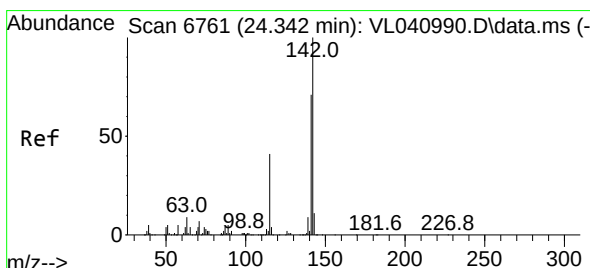
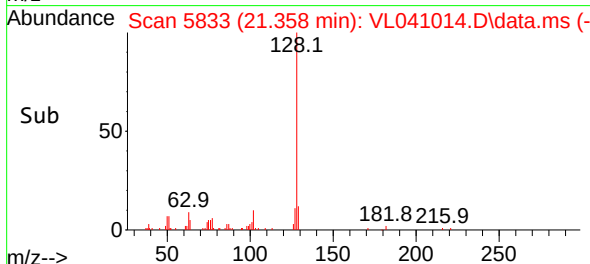
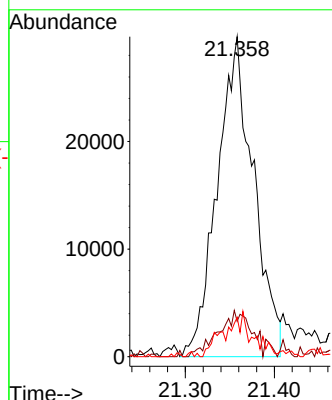
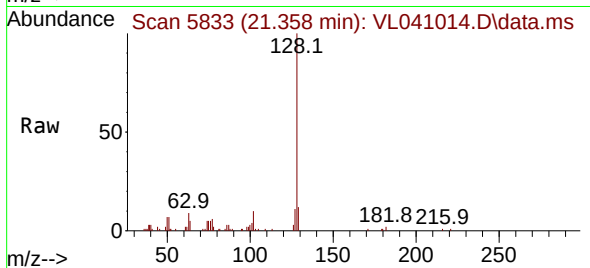
LOQ-AIR-02-QT1-2024

Tgt Ion:	128	Resp:	8408
Ion Ratio	Lower	Upper	
128	100		
127	9.1	10.9	16.3
129	11.5	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#80

Naphthalene,2-methyl-

Concen: 0.562 ppbv

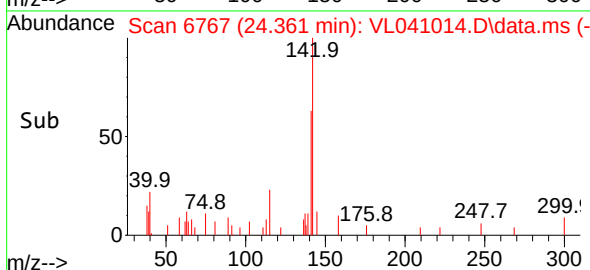
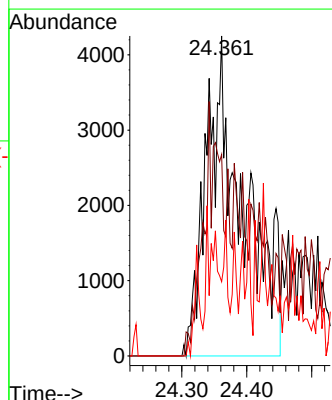
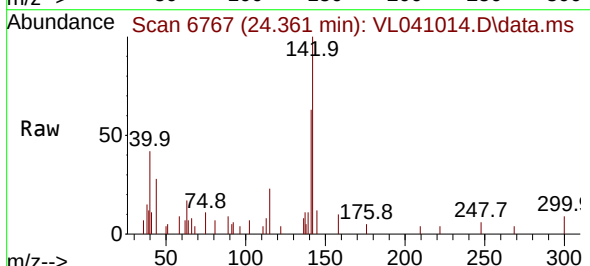
RT: 24.361 min Scan# 6767

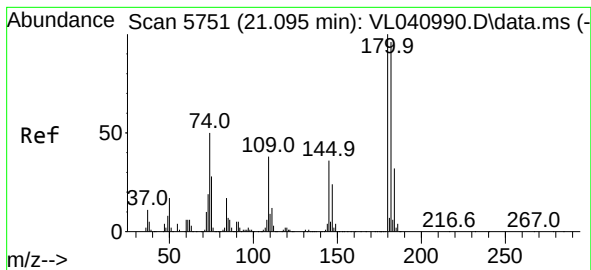
Delta R.T. 0.019 min

Lab File: VL041014.D

Acq: 24 Jan 2024 13:53

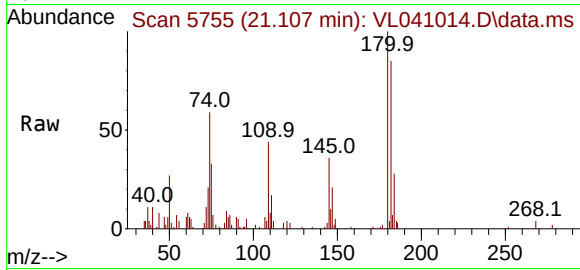
Tgt Ion:	142	Resp:	16823
Ion Ratio	Lower	Upper	
142	100		
141	42.0	62.7	94.1
115	22.5	34.0	51.0





#81
 1,2,4-Trichlorobenzene
 Concen: 0.478 ppbv m
 RT: 21.107 min Scan# 51
 Delta R.T. 0.009 min
 Lab File: VL041014.D
 Acq: 24 Jan 2024 13:53

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT1-2024



Tgt Ion:180 Resp: 4748
 Ion Ratio Lower Upper
 180 100
 182 0.0 78.6 118.0
 184 0.0 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

