

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073124\
 Data File : VL041457.D
 Acq On : 31 Jul 2024 10:54
 Operator : SY/MD
 Sample : P3390-14 0.5 LOQ
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2024

Quant Time: Aug 01 03:52:51 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 03:52:51 2024

QLast Update : Thu Aug 01 02:36:30 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

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

Internal Standards						
1) Bromochloromethane	5.195	49	978040	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2740064	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2548367	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2002089	10.209	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.732	85	106844	0.635	ppbv	96
3) Chlorodifluoromethane	2.677	51	67151	0.577	ppbv	100
4) Chloromethane	2.816	50	33786	0.546	ppbv	95
5) Vinyl Chloride	2.922	62	30625	0.502	ppbv	# 87
6) Bromomethane	3.121	94	17010	0.542	ppbv	96
7) Chloroethane	3.201	64	11501	0.546	ppbv	# 86
8) Dichlorotetrafluoroethane	2.861	85	84591	0.567	ppbv	97
9) Propene	2.700	41	29472	0.551	ppbv	99
10) Heptane	7.587	43	58015m	0.483	ppbv	
11) Trichlorofluoromethane	3.565	101	77609	0.519	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	60200	0.559	ppbv	98
13) Ethanol	3.279	45	2722m	0.569	ppbv	
14) Bromoethene	3.372	108	21295	0.508	ppbv	94
15) Acetone	3.484	43	61573	0.554	ppbv	# 87
16) 1,3-Butadiene	2.989	39	28349	0.477	ppbv	87
17) tert-Butyl alcohol	3.899	59	51191	0.505	ppbv	94
18) 1,1-Dichloroethene	3.883	96	25029	0.544	ppbv	95
19) Isopropyl Alcohol	3.594	45	31599	0.486	ppbv	# 86
20) Methylene Chloride	3.938	84	24867	0.600	ppbv	98
21) Allyl Chloride	3.999	41	33007	0.453	ppbv	# 84
22) trans-1,2-Dichloroethene	4.449	96	23263	0.505	ppbv	96
23) Vinyl Acetate	4.635	43	36518	0.430	ppbv	# 95
24) 1,1-Dichloroethane	4.565	63	53728	0.538	ppbv	98
25) Ethyl Acetate	5.214	43	109904	0.498	ppbv	97
26) Hexane	5.214	57	45674	0.499	ppbv	89
27) Carbon Disulfide	4.131	76	40824	0.381	ppbv	# 76
28) Methyl tert-Butyl Ether	4.600	73	29334	0.508	ppbv	94
29) Chloroform	5.275	83	82107	0.550	ppbv	96
30) Cyclohexane	6.606	84	34385	0.461	ppbv	87
31) cis-1,2-Dichloroethene	5.082	61	37701	0.417	ppbv	96
32) 1,1,1-Trichloroethane	6.005	97	73923	0.508	ppbv	97
34) 2-Butanone	4.803	43	64599	0.487	ppbv	99
35) Carbon Tetrachloride	6.497	117	72282	0.478	ppbv	93
36) Benzene	6.378	78	98613m	0.493	ppbv	
37) 1,2-Dichloroethane	5.812	62	55951	0.499	ppbv	100
38) Trichloroethene	7.291	130	42581	0.464	ppbv	99
39) 1,2-Dichloropropane	7.073	63	39573	0.516	ppbv	90
40) 1,4-Dioxane	7.320	88	11121m	0.361	ppbv	
41) Tetrahydrofuran	5.584	42	35294	0.466	ppbv	93
42) Bromodichloromethane	7.246	83	75793	0.468	ppbv	# 84
43) Methyl Methacrylate	7.481	69	30158	0.420	ppbv	95
44) 2,2,4-Trimethylpentane	7.330	57	161557m	0.483	ppbv	
45) t-1,3-Dichloropropene	8.712	75	23717m	0.359	ppbv	

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 MSVOA_L
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 LOQ-AIR-02-QT3-2024

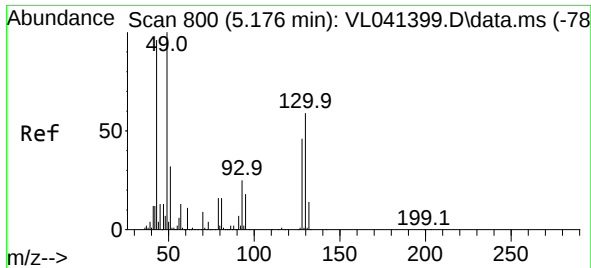
Quant Time: Aug 01 03:52:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Aug 01 02:36:30 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 08/01/2024
 Supervised By : Mahesh Dadoda 08/01/2024

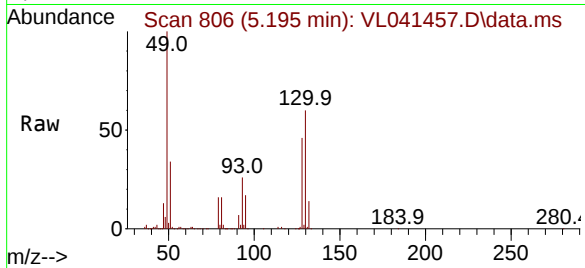
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	32053	0.336	ppbv #	94
47) 1,1,2-Trichloroethane	8.899	97	42115	0.498	ppbv #	92
48) Dibromochloromethane	9.709	129	55526	0.408	ppbv	98
49) Bromoform	12.416	173	43360m	0.377	ppbv	
50) 4-Methyl-2-Pentanone	8.198	43	88623m	0.424	ppbv	
51) 2-Hexanone	9.584	43	63473m	0.401	ppbv	
52) Tetrachloroethene	10.616	164	36832	0.476	ppbv	98
53) Toluene	9.224	91	94287	0.423	ppbv	97
54) 1,2-Dibromoethane	10.011	107	54705	0.486	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.510	131	50027	0.506	ppbv #	1
57) Chlorobenzene	11.526	112	101240	0.558	ppbv #	94
58) Ethyl Benzene	12.092	91	126271	0.430	ppbv	96
59) m/p-Xylene	12.371	91	240714m	0.949	ppbv	
60) o-Xylene	13.063	91	110722	0.462	ppbv	100
61) Styrene	12.905	104	38148m	0.353	ppbv	
62) Isopropylbenzene	14.031	105	182545m	0.501	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.050	83	82646	0.546	ppbv	97
64) n-propylbenzene	14.918	120	42032	0.441	ppbv	68
65) tert-Butylbenzene	16.095	119	157777m	0.479	ppbv	
66) Benzyl Chloride	16.333	91	8796m	0.416	ppbv	
67) sec-Butylbenzene	16.641	105	218935	0.482	ppbv	99
69) p-Isopropyltoluene	17.001	119	164235	0.436	ppbv	95
70) n-Butylbenzene	17.895	91	174958	0.453	ppbv	96
71) 2-Chlorotoluene	14.802	91	124256	0.462	ppbv	98
72) 4-Ethyltoluene	15.198	105	119775	0.424	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.355	105	107738	0.443	ppbv	95
74) 1,2,4-Trimethylbenzene	16.111	105	136021	0.481	ppbv #	93
75) 1,3-Dichlorobenzene	16.339	146	84277	0.474	ppbv	93
76) 1,4-Dichlorobenzene	16.481	146	35274	0.205	ppbv #	8
77) 1,2-Dichlorobenzene	17.146	146	86198	0.489	ppbv	95
78) Hexachloro-1,3-Butadiene	22.631	225	81325	0.541	ppbv	97
79) Naphthalene	21.397	128	99161	0.397	ppbv	98
80) Naphthalene,2-methyl-	24.381	142	29272	0.140	ppbv #	78
81) 1,2,4-Trichlorobenzene	21.152	180	43655	0.294	ppbv #	56

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

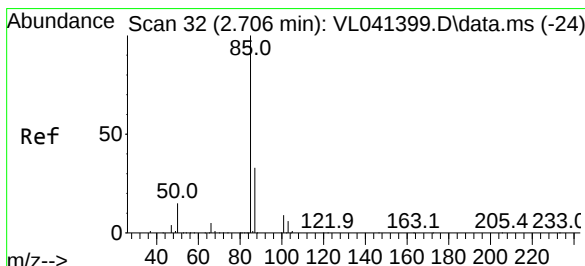
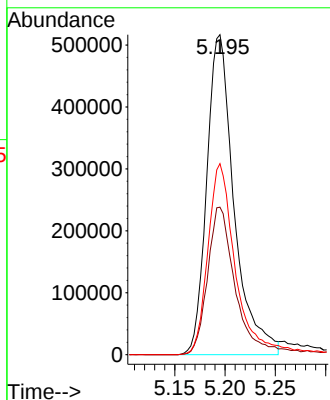
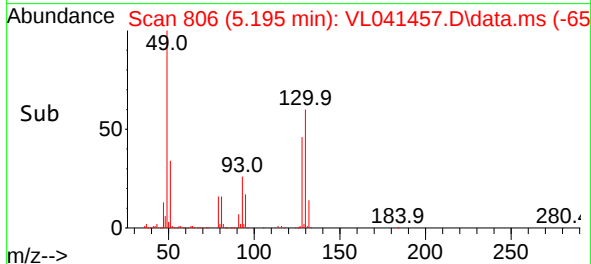
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



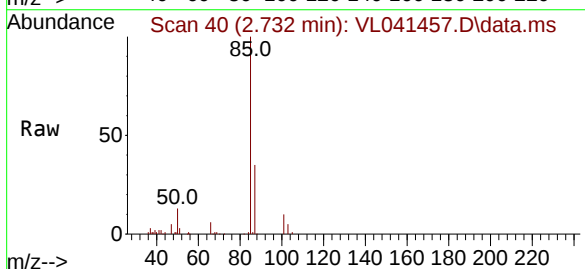
Tgt Ion: 49 Resp: 978040
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.4
130 62.2 30.8 92.4

Manual Integrations
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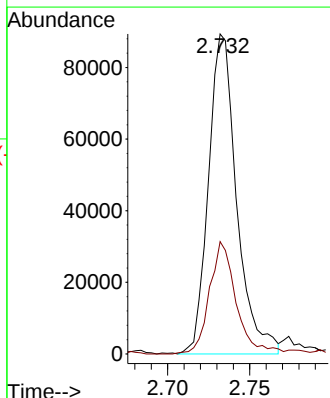
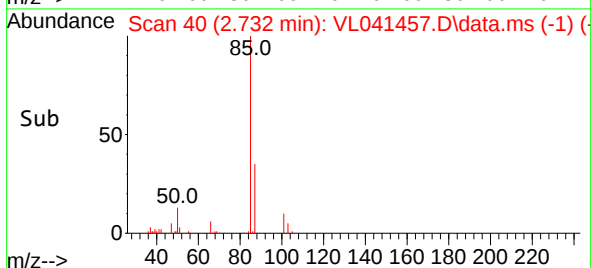
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

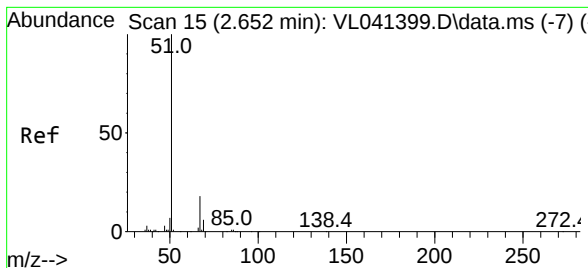


#2
Dichlorodifluoromethane
Concen: 0.635 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



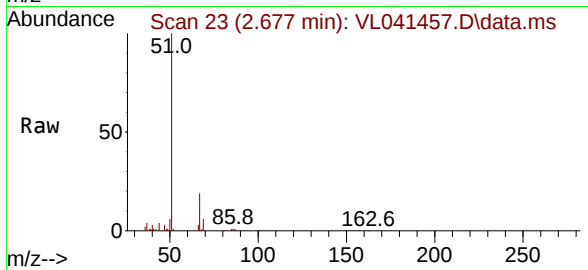
Tgt Ion: 85 Resp: 106844
Ion Ratio Lower Upper
85 100
87 34.7 26.0 39.0





#3
Chlorodifluoromethane
Concen: 0.577 ppbv
RT: 2.677 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

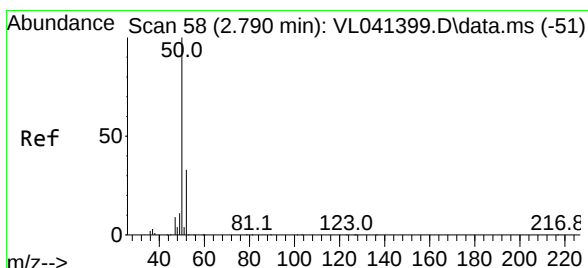
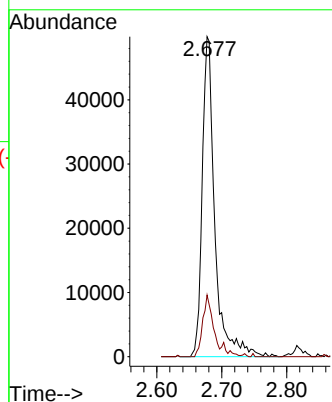
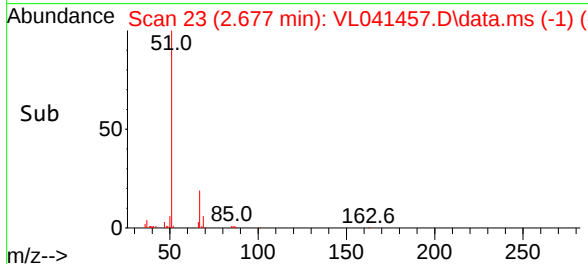
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion: 51 Resp: 6715
Ion Ratio Lower Upper
51 100
67 18.2 14.5 21.7

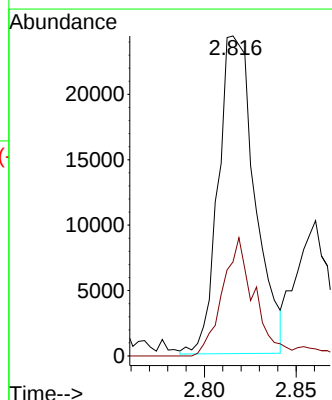
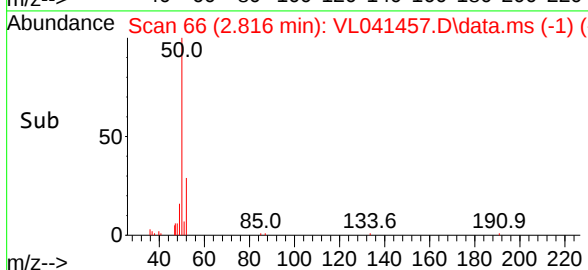
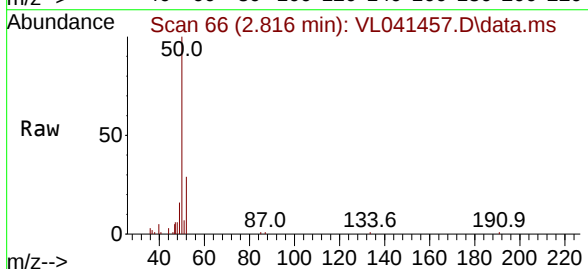
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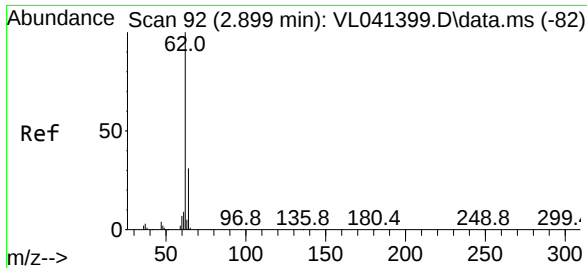
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#4
Chloromethane
Concen: 0.546 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

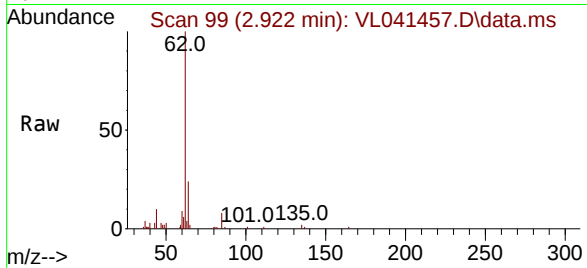
Tgt Ion: 50 Resp: 33786
Ion Ratio Lower Upper
50 100
52 29.9 26.1 39.1





#5
 Vinyl Chloride
 Concen: 0.502 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. -0.000 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

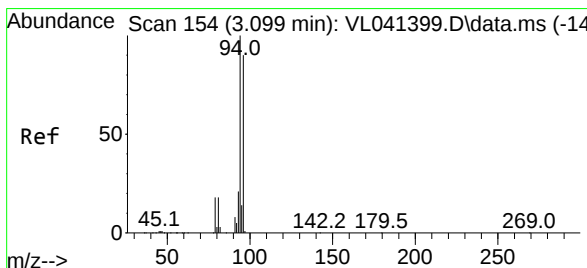
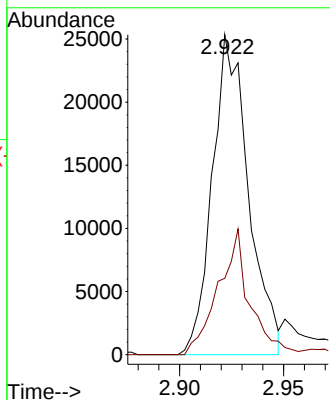
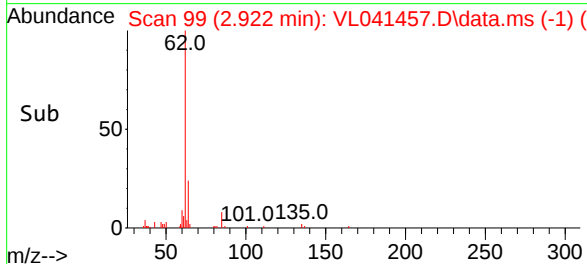
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2024



Tgt Ion: 62 Resp: 30625
 Ion Ratio Lower Upper
 62 100
 64 23.8 25.0 37.4

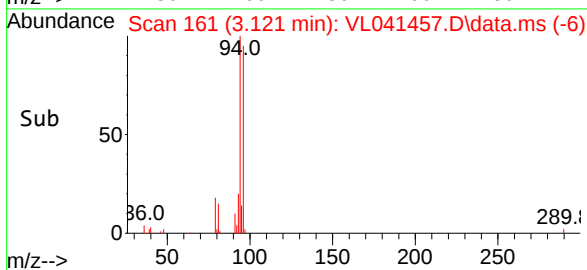
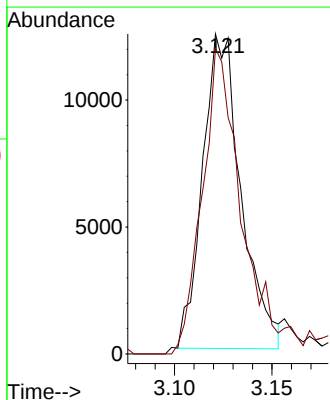
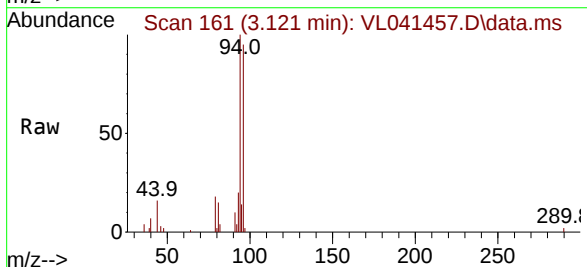
Manual Integrations
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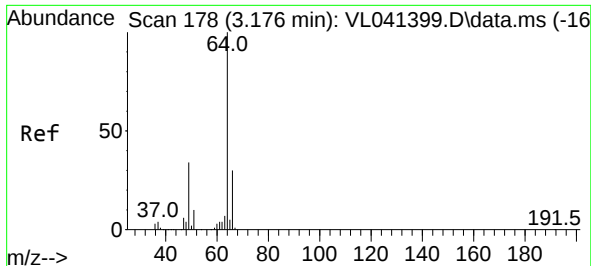
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#6
 Bromomethane
 Concen: 0.542 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

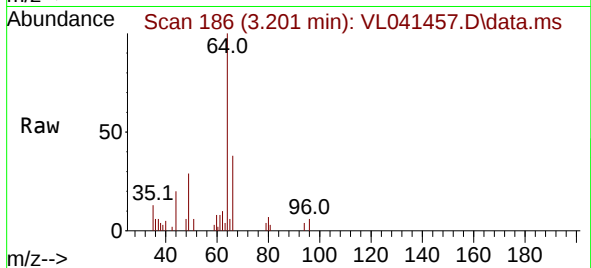
Tgt Ion: 94 Resp: 17010
 Ion Ratio Lower Upper
 94 100
 96 94.2 72.3 108.5





#7
Chloroethane
Concen: 0.546 ppbv
RT: 3.201 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

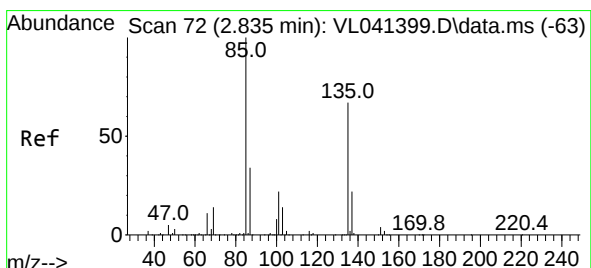
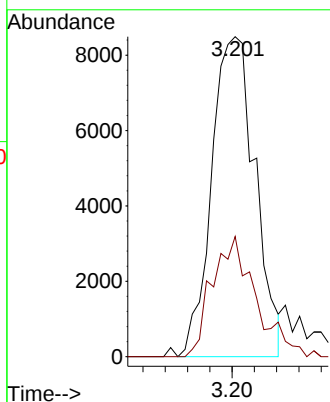
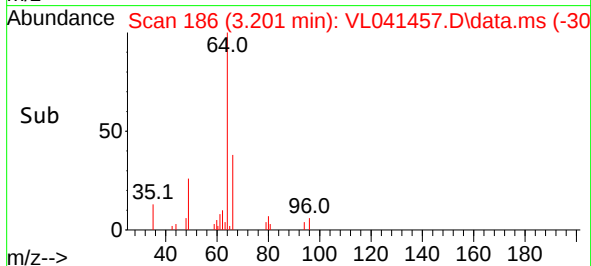
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion: 64 Resp: 1150
Ion Ratio Lower Upper
64 100
66 37.6 24.2 36.2

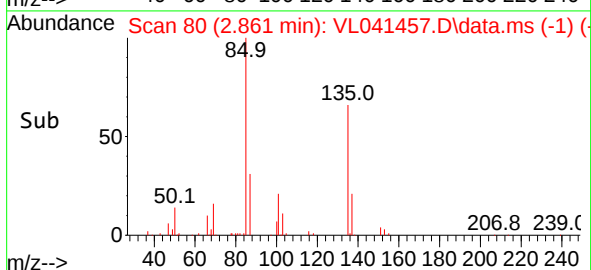
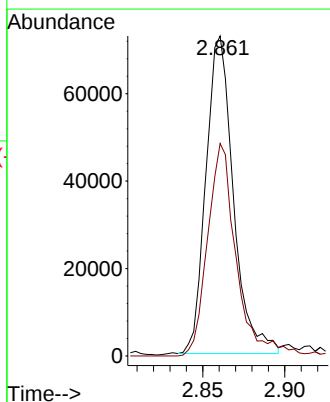
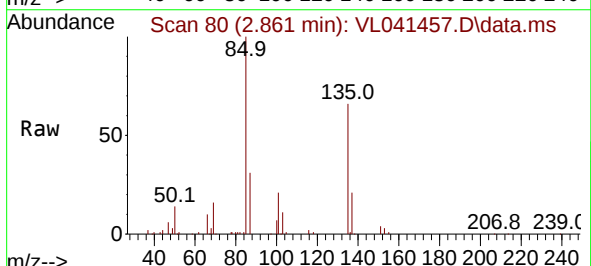
Manual Integrations
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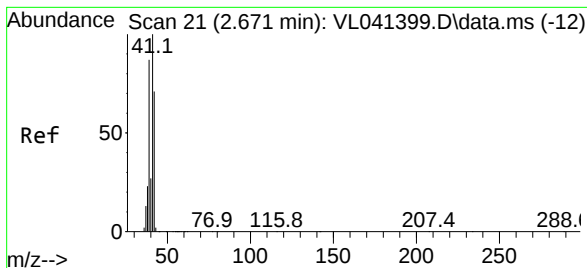
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#8
Dichlorotetrafluoroethane
Concen: 0.567 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Tgt Ion: 85 Resp: 84591
Ion Ratio Lower Upper
85 100
135 71.3 55.4 83.0





#9

Propene

Concen: 0.551 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.006 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2024

Tgt Ion: 41 Resp: 2947

Ion Ratio Lower Upper

41 100

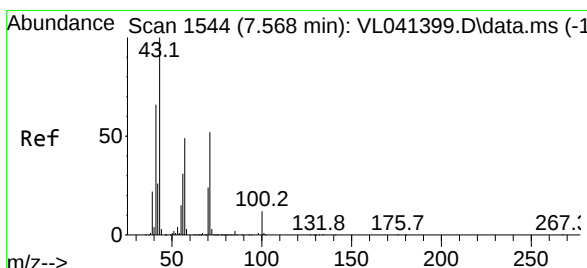
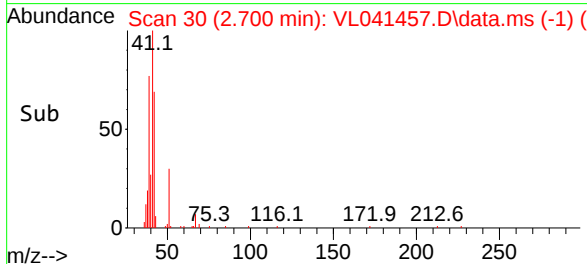
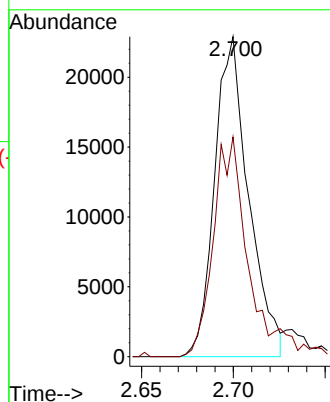
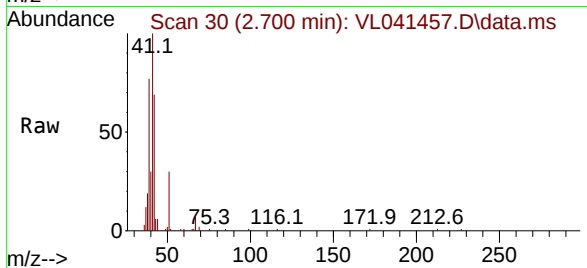
42 70.9 55.9 83.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#10

Heptane

Concen: 0.483 ppbv m

RT: 7.587 min Scan# 1550

Delta R.T. 0.003 min

Lab File: VL041457.D

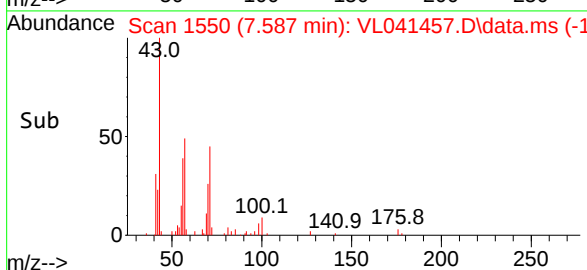
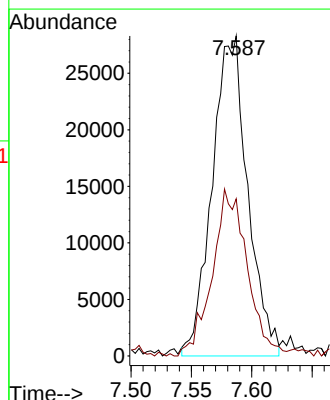
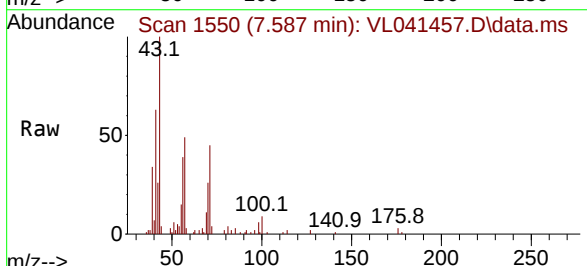
Acq: 31 Jul 2024 10:54

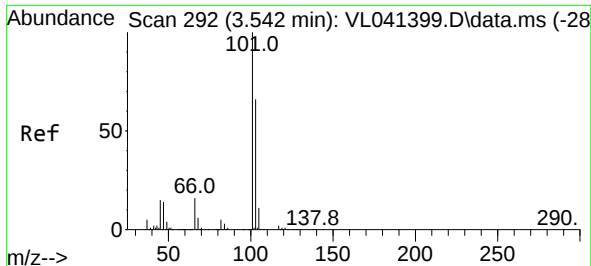
Tgt Ion: 43 Resp: 58015

Ion Ratio Lower Upper

43 100

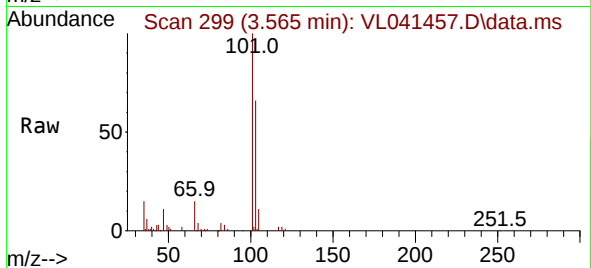
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#11
Trichlorofluoromethane
Concen: 0.519 ppbv
RT: 3.565 min Scan# 292
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

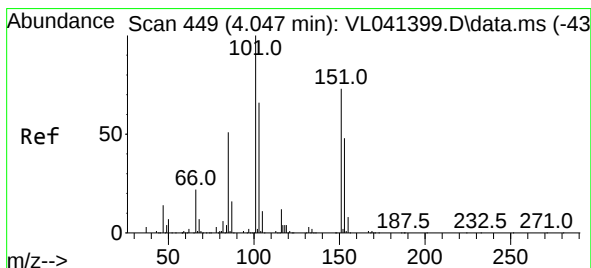
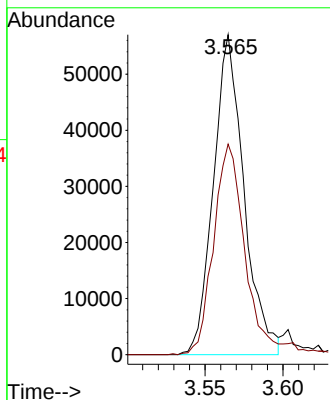
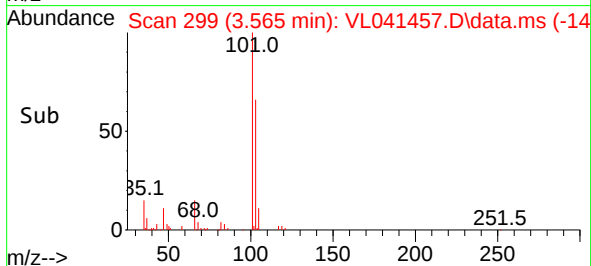
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



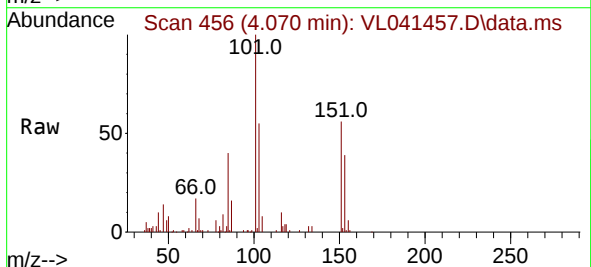
Tgt Ion:101 Resp: 77609
Ion Ratio Lower Upper
101 100
103 65.8 52.6 79.0

Manual Integrations
APPROVED

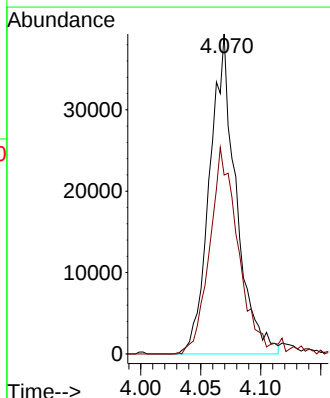
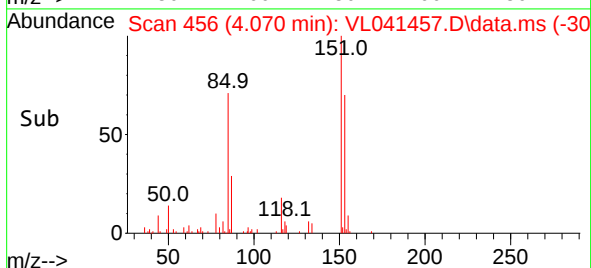
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

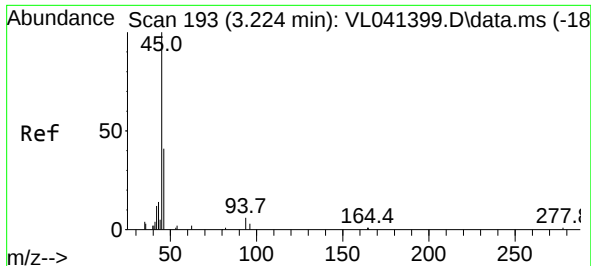


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.559 ppbv
RT: 4.070 min Scan# 456
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



Tgt Ion:101 Resp: 60200
Ion Ratio Lower Upper
101 100
151 72.4 59.4 89.2





#13

Ethanol

Concen: 0.569 ppbv m

RT: 3.279 min Scan# 210

Delta R.T. 0.032 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

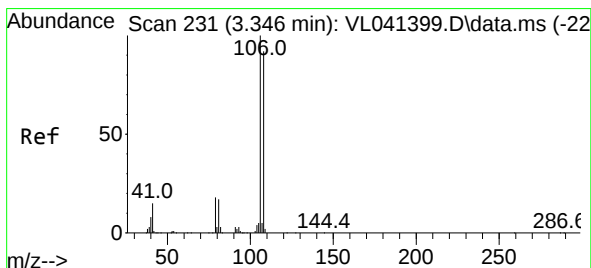
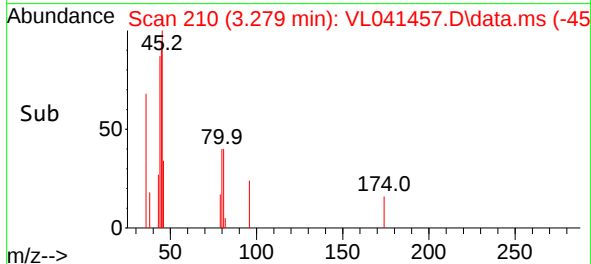
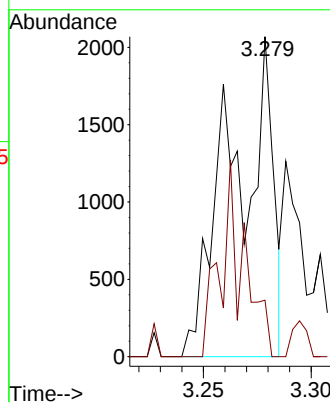
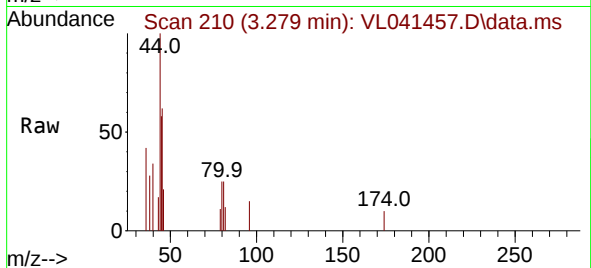
LOQ-AIR-02-QT3-2024

Tgt Ion: 45 Resp: 272
Ion Ratio Lower Upper
45 100
46 39.1 13.4 53.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#14

Bromoethene

Concen: 0.508 ppbv

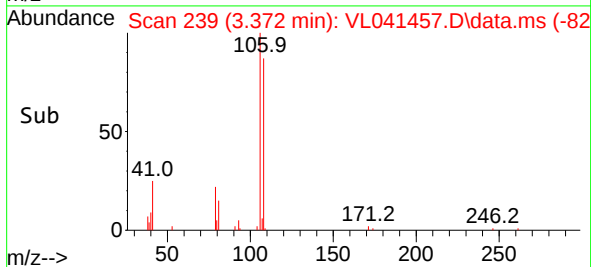
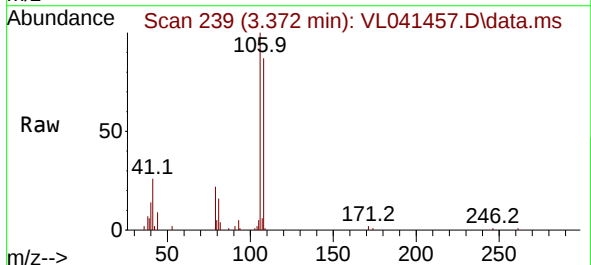
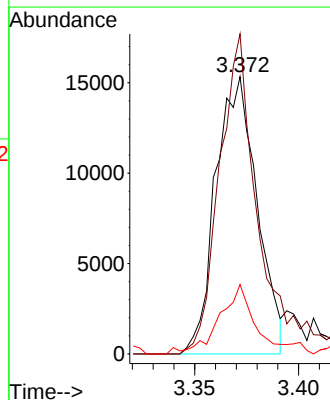
RT: 3.372 min Scan# 239

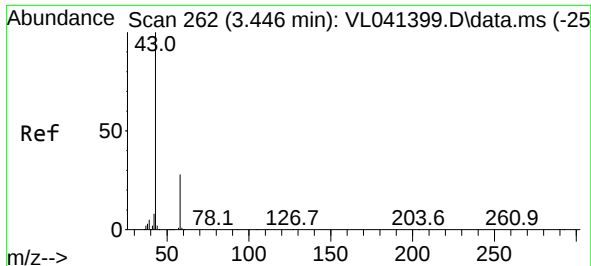
Delta R.T. 0.006 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

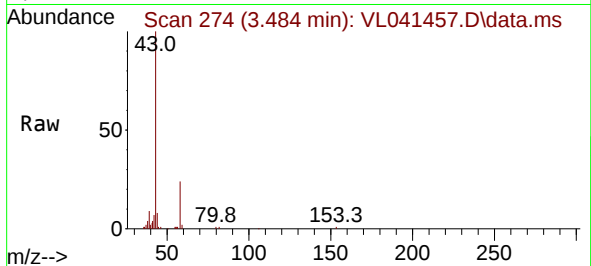
Tgt Ion:108 Resp: 21295
Ion Ratio Lower Upper
108 100
106 114.6 86.9 130.3
79 22.5 16.2 24.4





#15
Acetone
Concen: 0.554 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

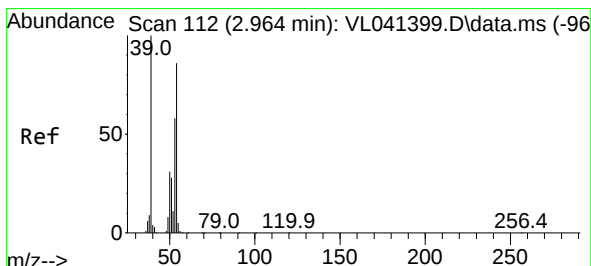
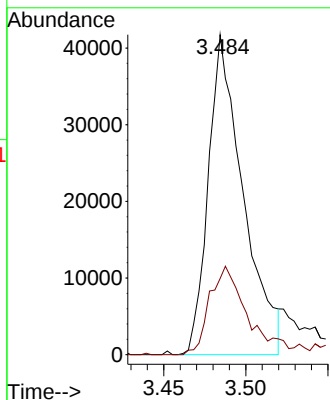
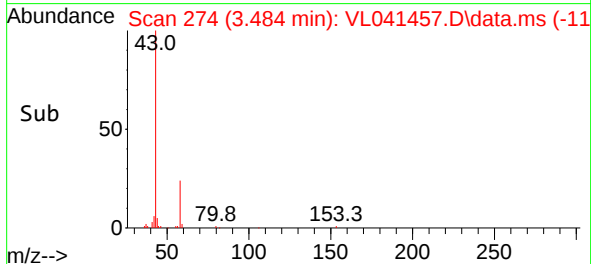
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



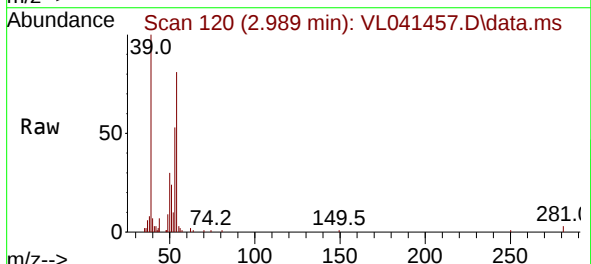
Tgt Ion: 43 Resp: 6157
Ion Ratio Lower Upper
43 100
58 33.4 21.4 32.2

Manual Integrations
APPROVED

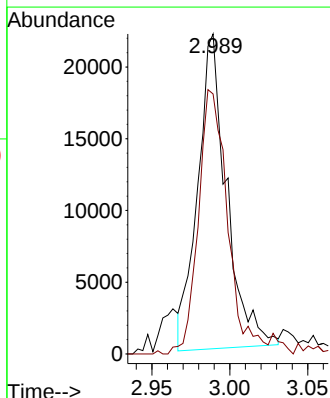
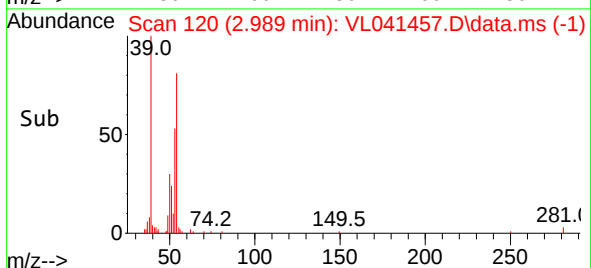
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

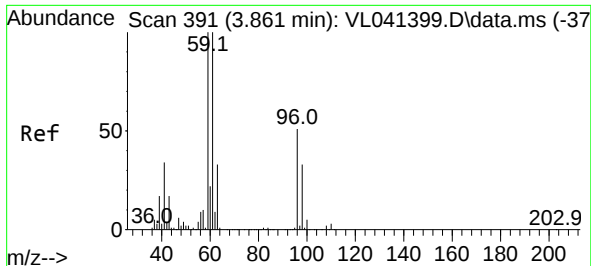


#16
1,3-Butadiene
Concen: 0.477 ppbv
RT: 2.989 min Scan# 120
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



Tgt Ion: 39 Resp: 28349
Ion Ratio Lower Upper
39 100
54 89.7 62.5 93.7





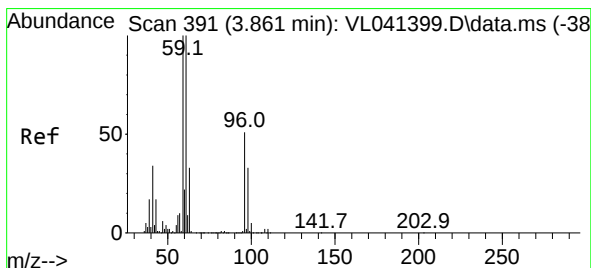
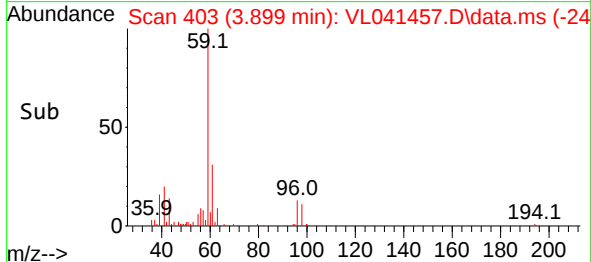
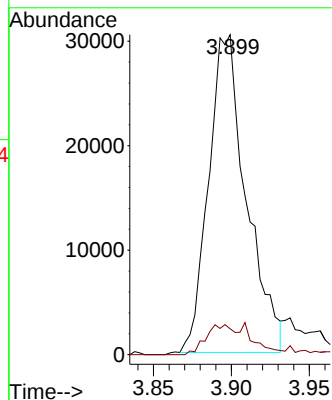
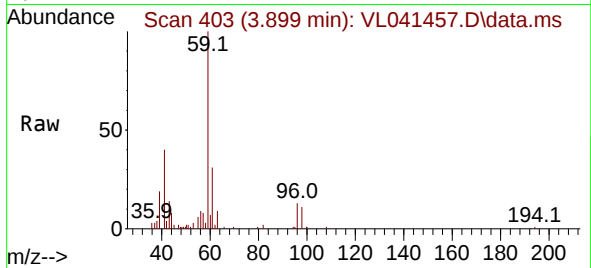
#17
tert-Butyl alcohol
Concen: 0.505 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.022 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

Tgt Ion: 59 Resp: 5119
Ion Ratio Lower Upper
59 100
57 12.8 8.6 12.8

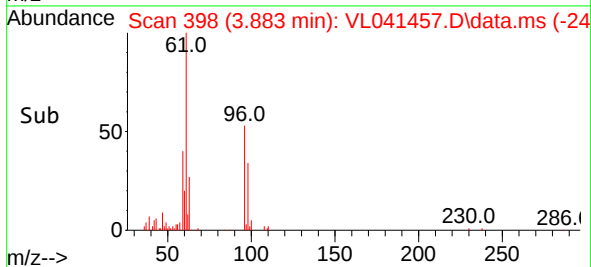
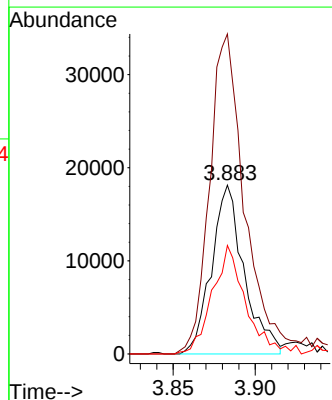
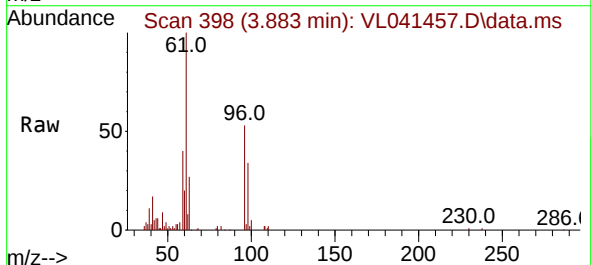
Manual Integrations
APPROVED

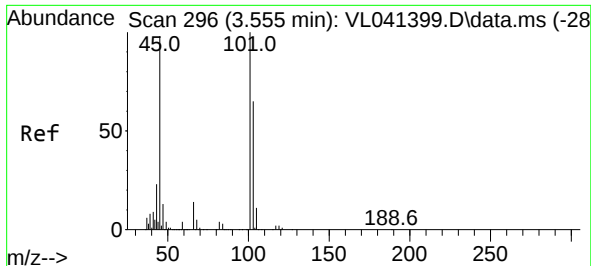
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#18
1,1-Dichloroethene
Concen: 0.544 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Tgt Ion: 96 Resp: 25029
Ion Ratio Lower Upper
96 100
61 187.4 157.5 236.3
98 63.1 51.2 76.8





#19

Isopropyl Alcohol

Concen: 0.486 ppbv

RT: 3.594 min Scan# 308

Delta R.T. 0.019 min

Lab File: VL041457.D

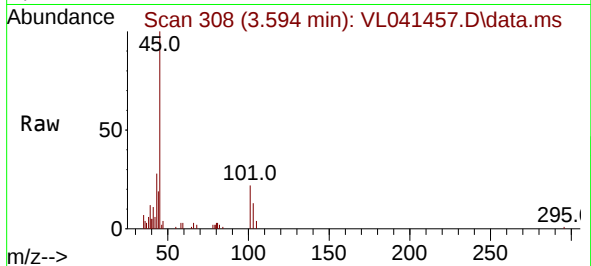
Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2024

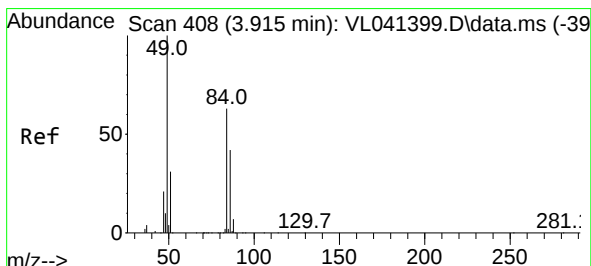
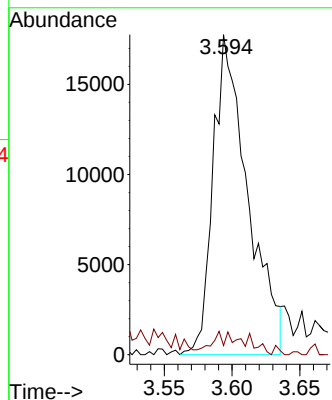
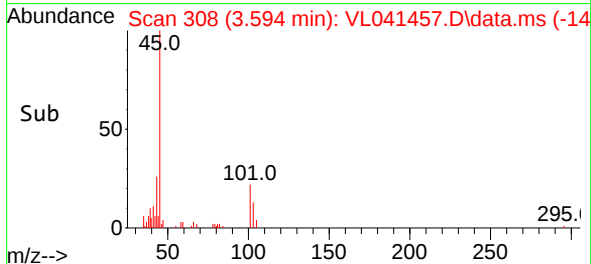


Tgt Ion:	45	Resp:	3159
Ion Ratio	Lower	Upper	
45	100		
58	7.0	1.9	2.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#20

Methylene Chloride

Concen: 0.600 ppbv

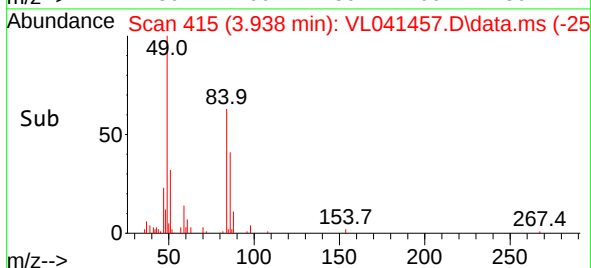
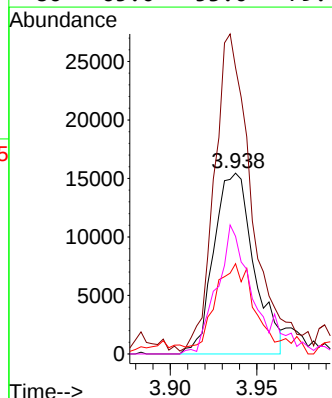
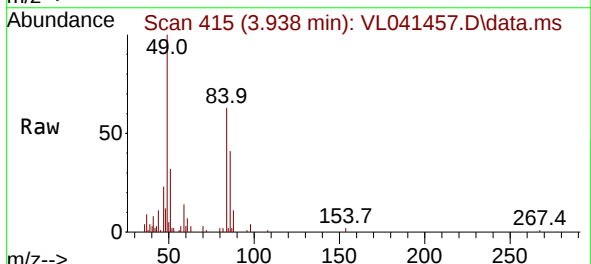
RT: 3.938 min Scan# 415

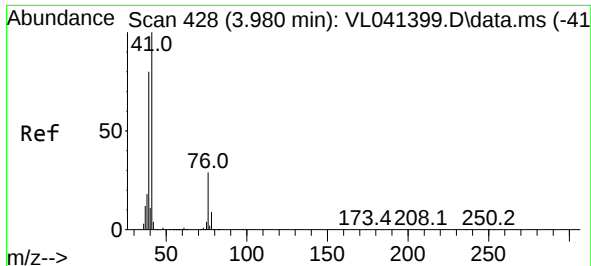
Delta R.T. 0.003 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Tgt Ion:	84	Resp:	24867
Ion Ratio	Lower	Upper	
84	100		
49	156.6	126.6	190.0
51	44.9	38.6	58.0
86	65.0	53.0	79.4





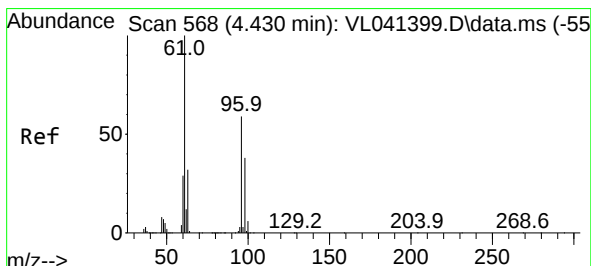
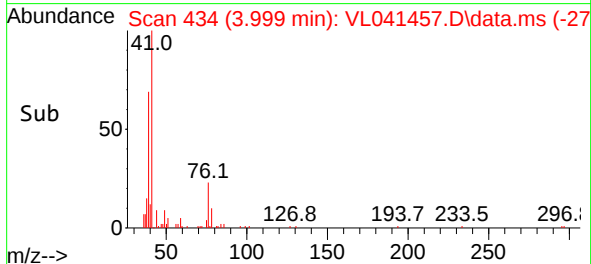
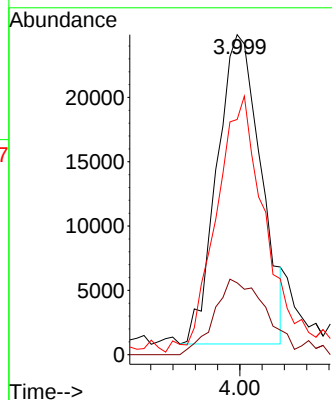
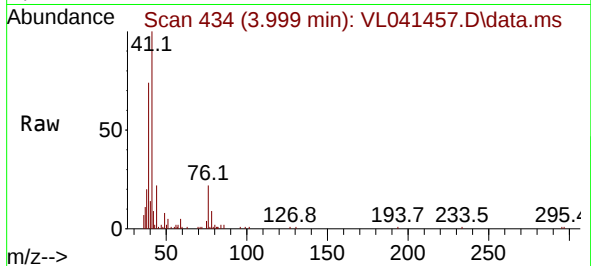
#21
 Allyl Chloride
 Concen: 0.453 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2024

Tgt Ion: 41 Resp: 3300
 Ion Ratio Lower Upper
 41 100
 76 31.4 23.7 35.5
 39 99.1 64.3 96.5

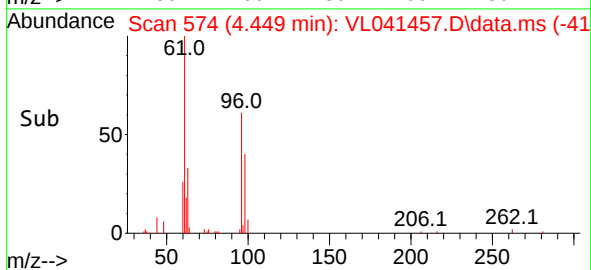
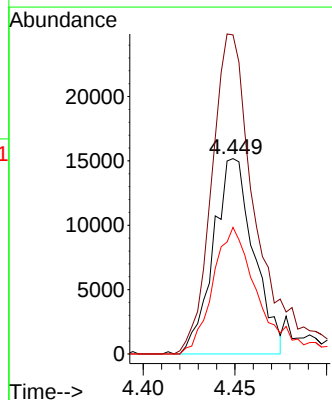
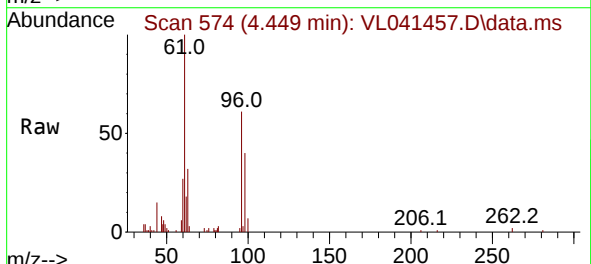
Manual Integrations
 APPROVED

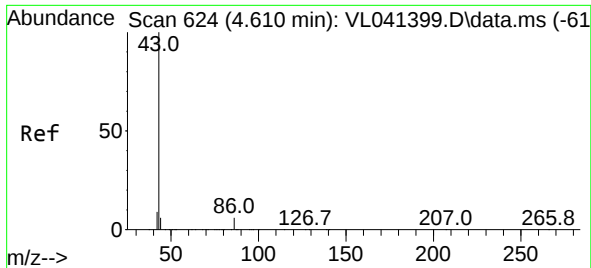
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.505 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.003 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

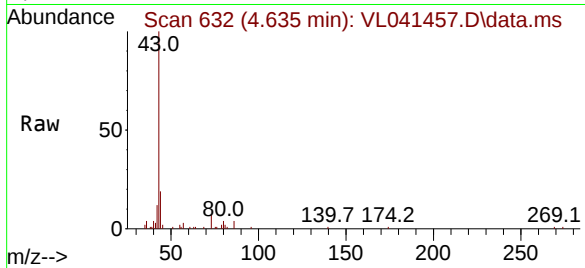
Tgt Ion: 96 Resp: 23263
 Ion Ratio Lower Upper
 96 100
 61 161.7 135.4 203.2
 98 64.8 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.430 ppbv
 RT: 4.635 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

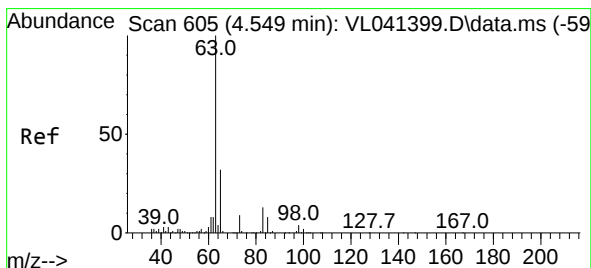
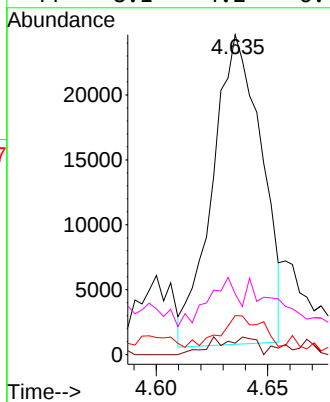
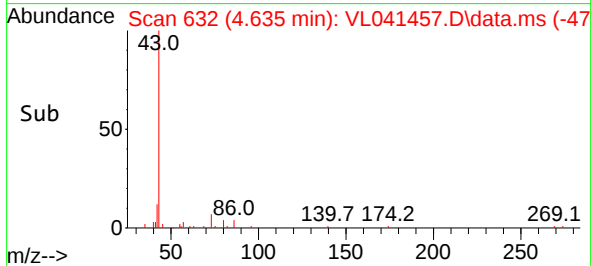
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2024



Tgt Ion: 43 Resp: 36518
 Ion Ratio Lower Upper
 43 100
 86 4.1 4.6 6.8
 42 10.9 7.9 11.9
 44 8.1 4.2 6.4#

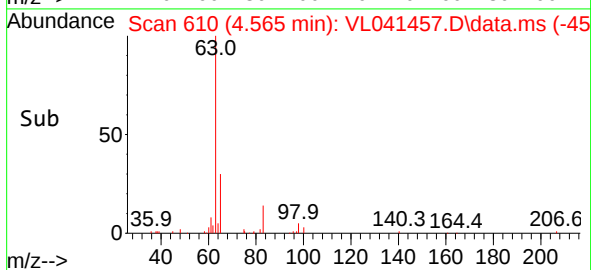
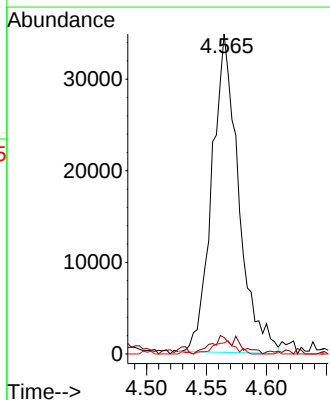
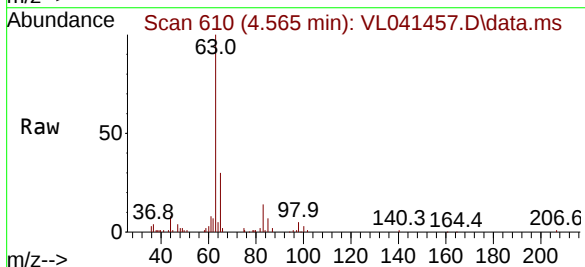
Manual Integrations
 APPROVED

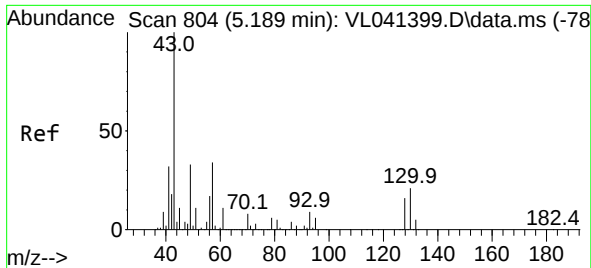
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#24
 1,1-Dichloroethane
 Concen: 0.538 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.000 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

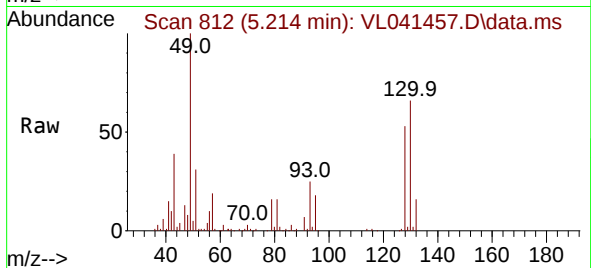
Tgt Ion: 63 Resp: 53728
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.0 6.0
 100 3.5 1.2 3.6





#25
Ethyl Acetate
Concen: 0.498 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.010 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

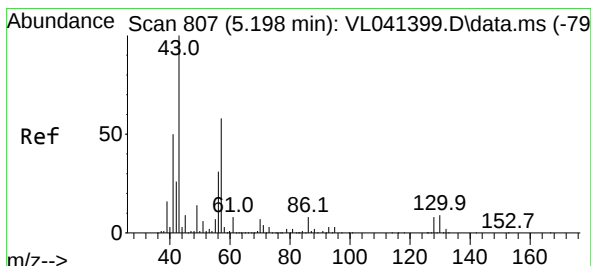
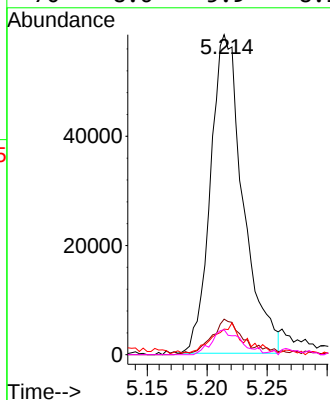
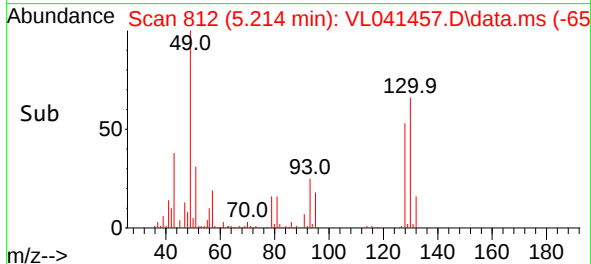


Tgt Ion: 43 Resp: 109904

Ion	Ratio	Lower	Upper
43	100		
45	12.2	8.5	12.7
61	10.4	8.0	12.0
70	8.6	5.9	8.9

Manual Integrations
APPROVED

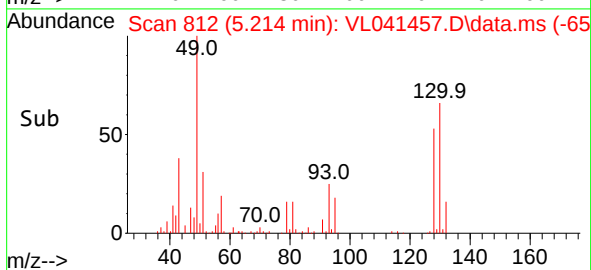
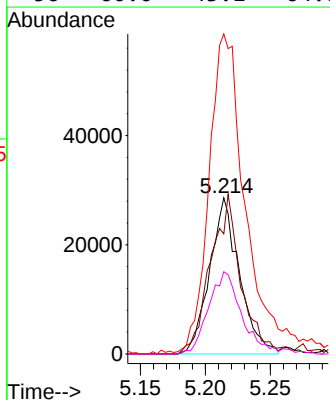
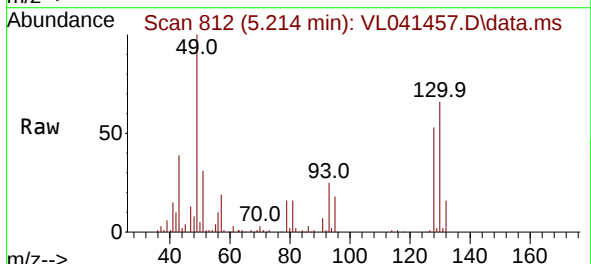
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

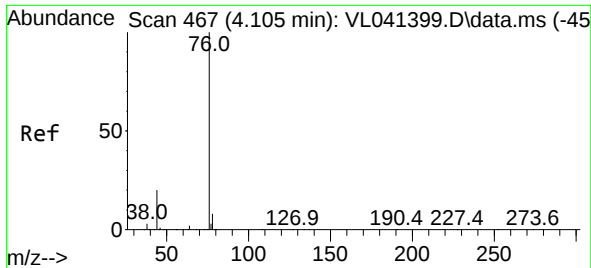


#26
Hexane
Concen: 0.499 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Tgt Ion: 57 Resp: 45674

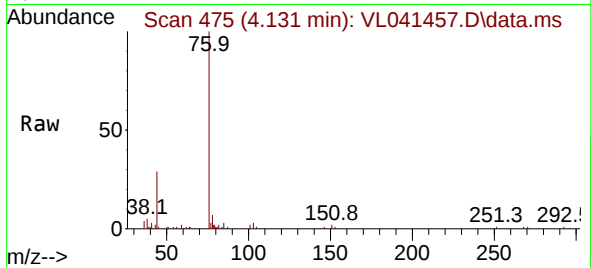
Ion	Ratio	Lower	Upper
57	100		
41	108.4	74.0	111.0
43	257.9	193.6	290.4
56	60.0	43.1	64.7





#27
Carbon Disulfide
Concen: 0.381 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

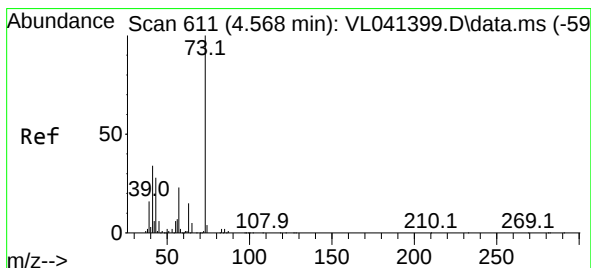
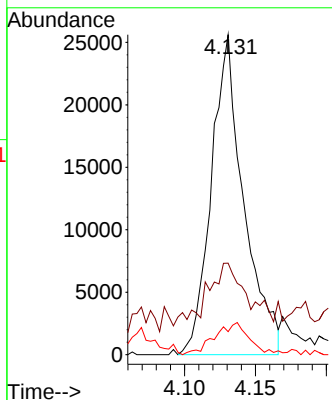
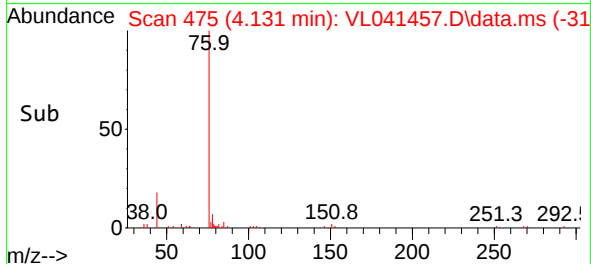
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



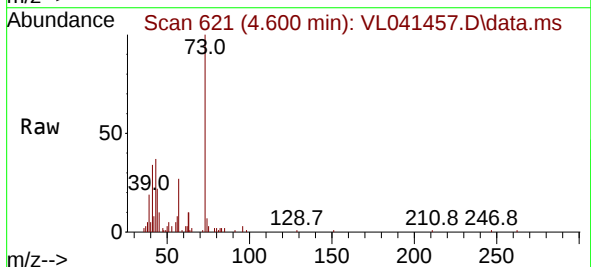
Tgt Ion: 76 Resp: 40824
Ion Ratio Lower Upper
76 100
44 35.1 15.6 23.4
78 11.3 7.7 11.5

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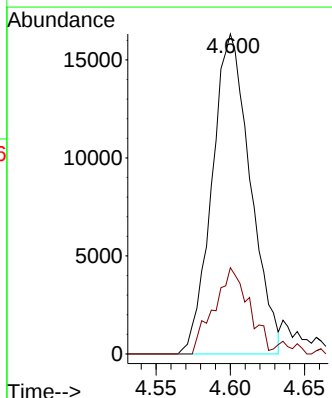
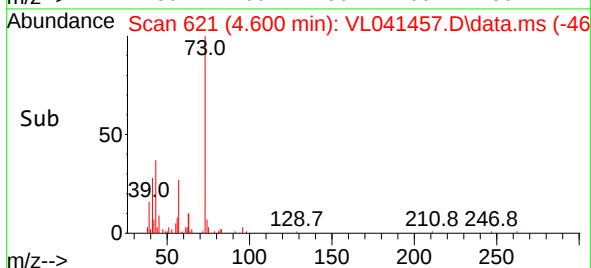
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

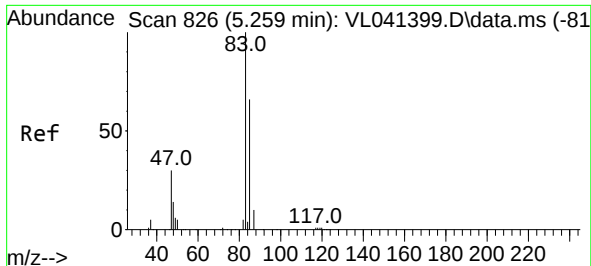


#28
Methyl tert-Butyl Ether
Concen: 0.508 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.013 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



Tgt Ion: 73 Resp: 29334
Ion Ratio Lower Upper
73 100
57 26.7 18.9 28.3





#29

Chloroform

Concen: 0.550 ppbv

RT: 5.275 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2024

Tgt Ion: 83 Resp: 8210

Ion Ratio Lower Upper

83 100

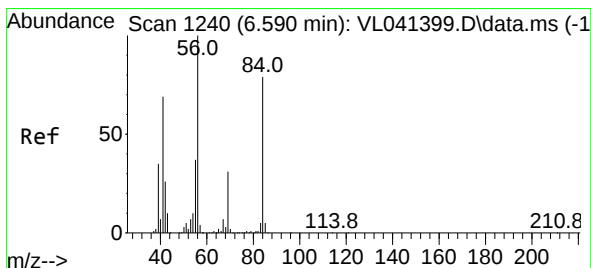
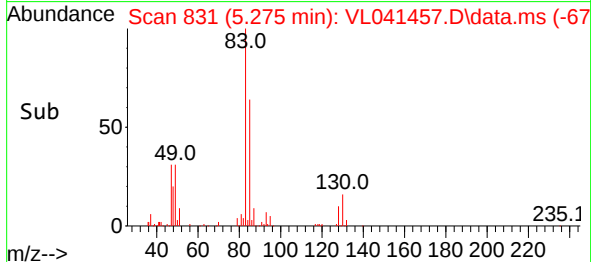
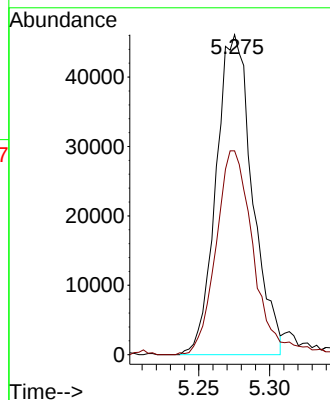
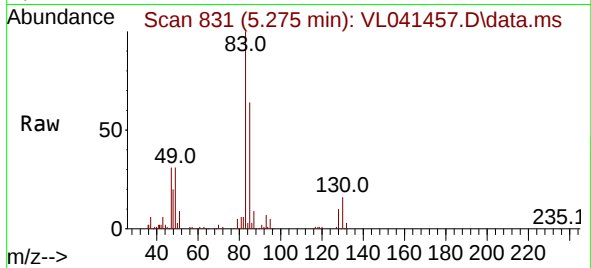
85 63.1 53.1 79.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#30

Cyclohexane

Concen: 0.461 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. -0.000 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

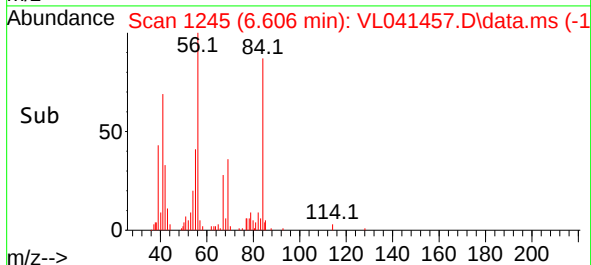
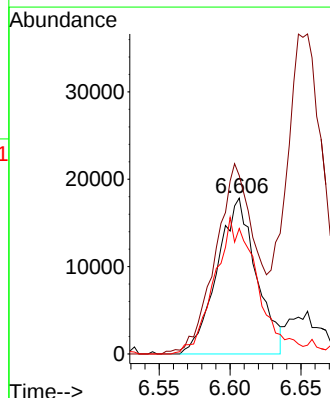
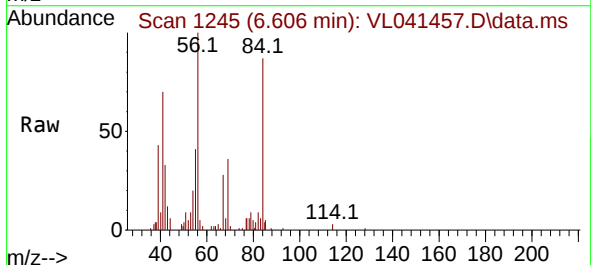
Tgt Ion: 84 Resp: 34385

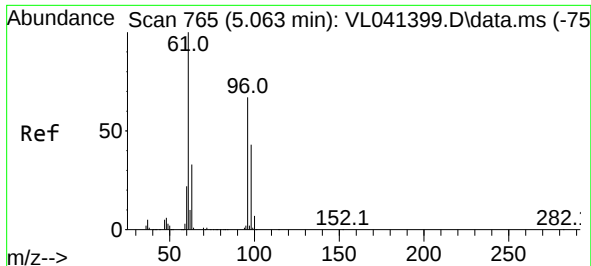
Ion Ratio Lower Upper

84 100

56 121.5 111.2 166.8

41 98.3 70.3 105.5





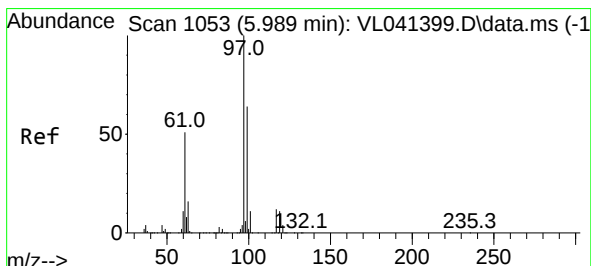
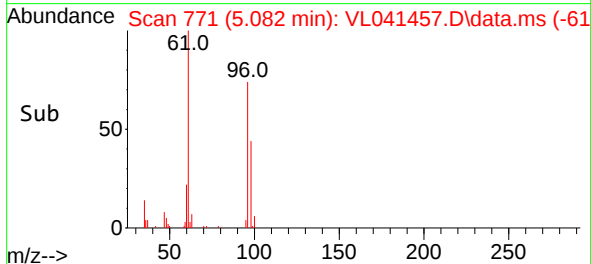
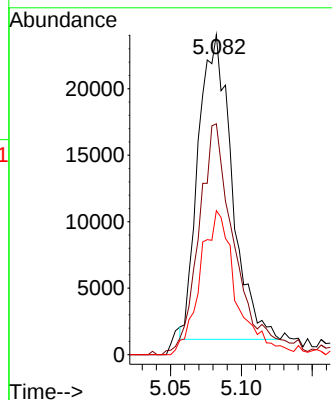
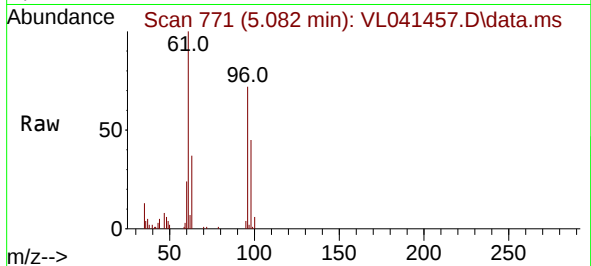
#31
 cis-1,2-Dichloroethene
 Concen: 0.417 ppbv
 RT: 5.082 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2024

Tgt Ion: 61 Resp: 3770
 Ion Ratio Lower Upper
 61 100
 96 70.8 53.4 80.2
 98 44.4 34.4 51.6

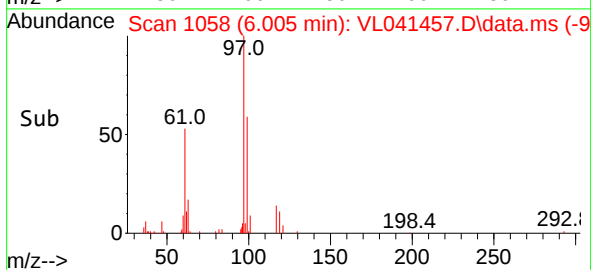
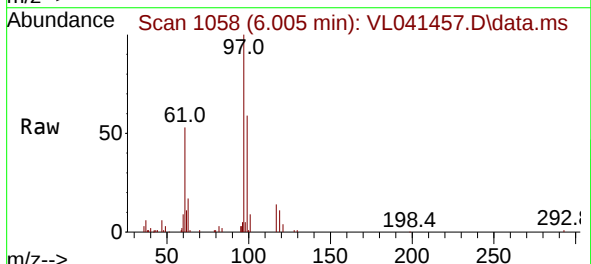
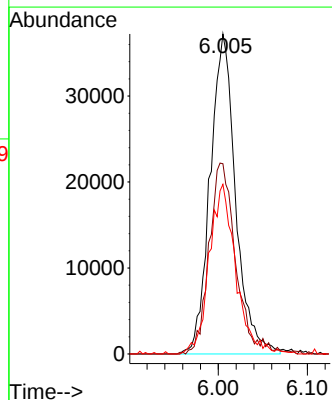
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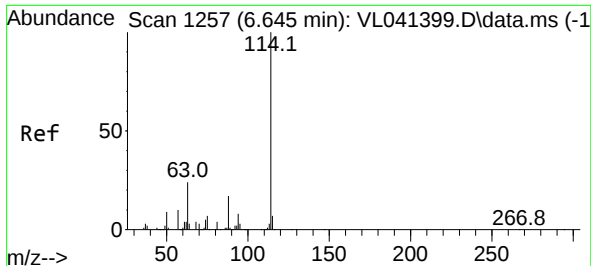
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.508 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

Tgt Ion: 97 Resp: 73923
 Ion Ratio Lower Upper
 97 100
 99 62.9 52.0 78.0
 61 55.4 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041457.D

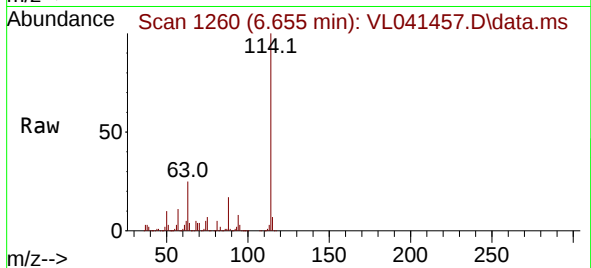
Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2024



Tgt Ion:114 Resp: 2740064

Ion Ratio Lower Upper

114 100

63 25.0 20.3 30.5

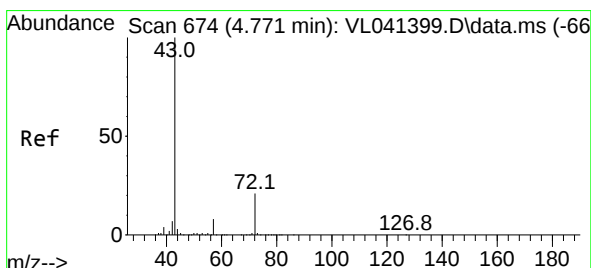
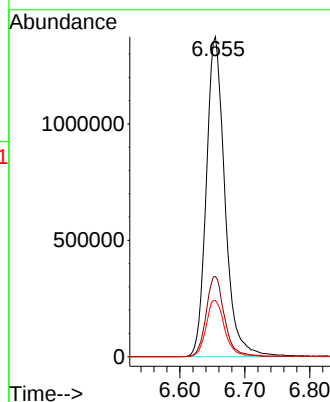
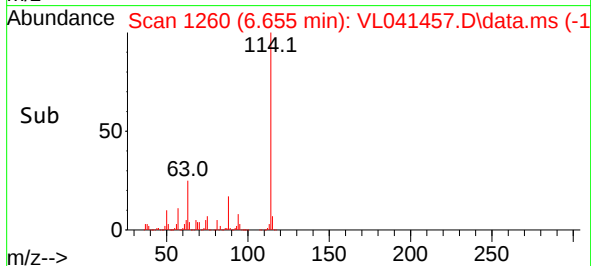
88 17.8 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024

Supervised By :Mahesh Dadoda 08/01/2024



#34

2-Butanone

Concen: 0.487 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.016 min

Lab File: VL041457.D

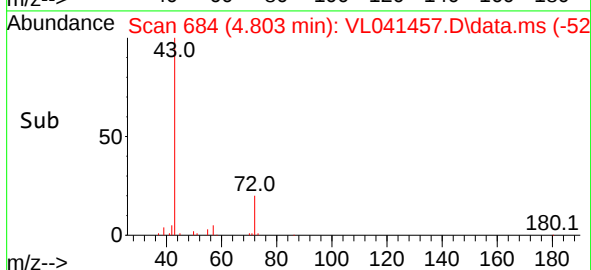
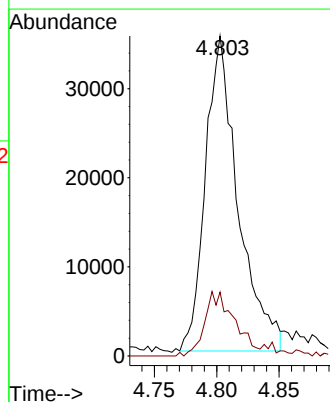
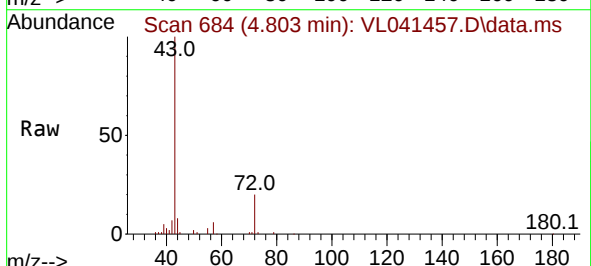
Acq: 31 Jul 2024 10:54

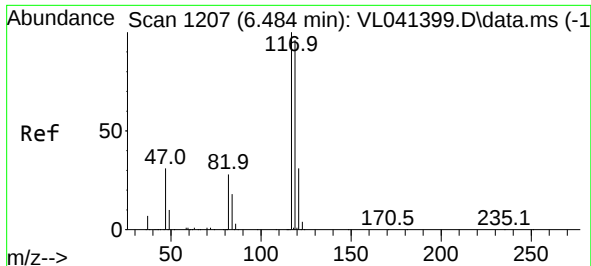
Tgt Ion: 43 Resp: 64599

Ion Ratio Lower Upper

43 100

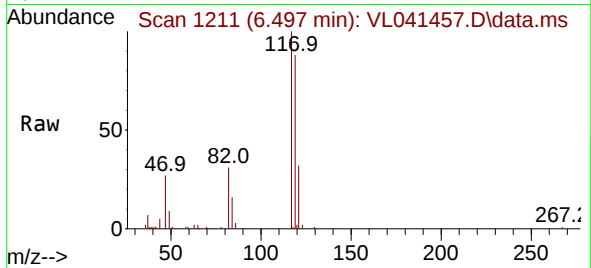
72 21.1 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.478 ppbv
RT: 6.497 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

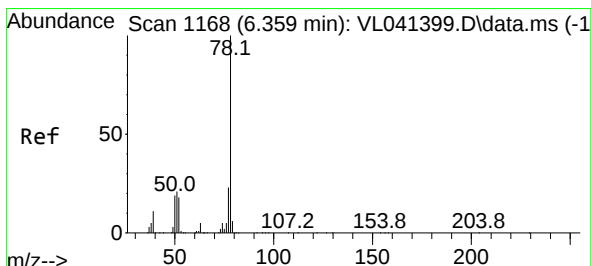
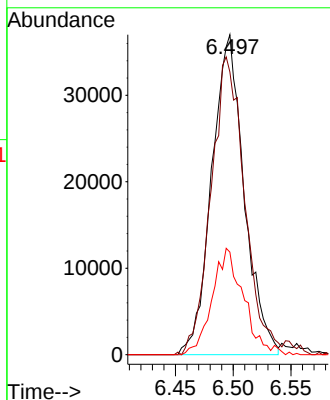
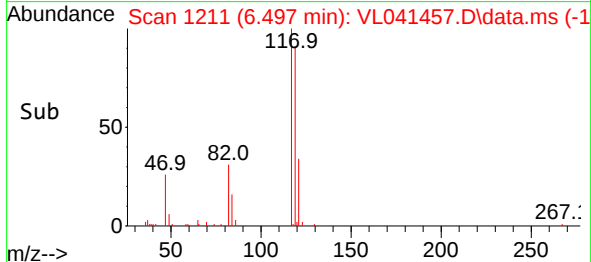
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT3-2024



Tgt Ion:117 Resp: 7228
Ion Ratio Lower Upper
117 100
119 87.5 76.6 115.0
121 32.1 25.1 37.7

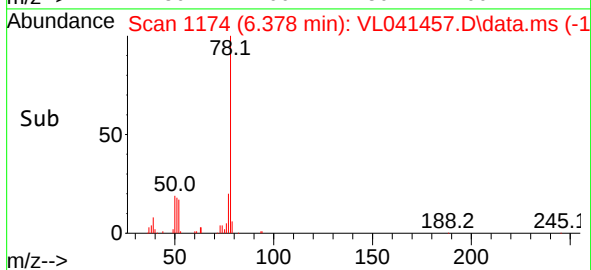
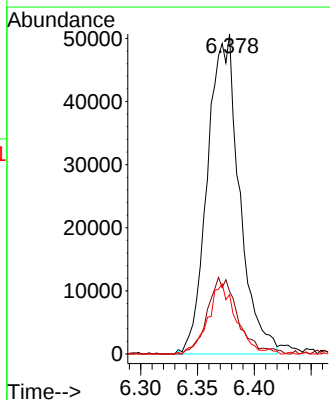
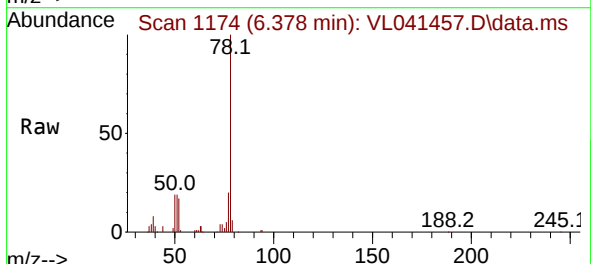
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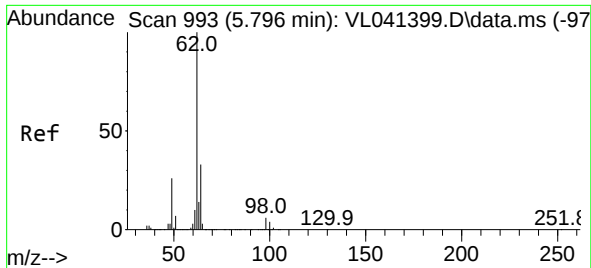
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#36
Benzene
Concen: 0.493 ppbv m
RT: 6.378 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Tgt Ion: 78 Resp: 98613
Ion Ratio Lower Upper
78 100
77 19.6 18.1 27.1
50 18.6 15.5 23.3





#37

1,2-Dichloroethane

Concen: 0.499 ppbv

RT: 5.812 min Scan# 993

Delta R.T. 0.003 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT3-2024

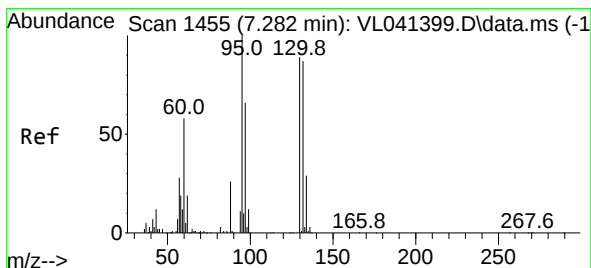
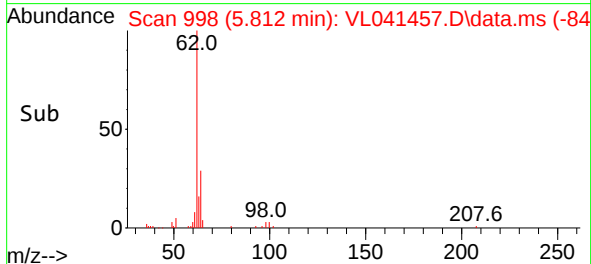
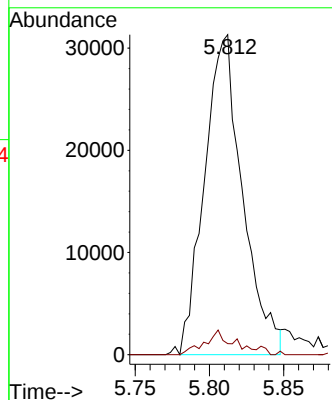
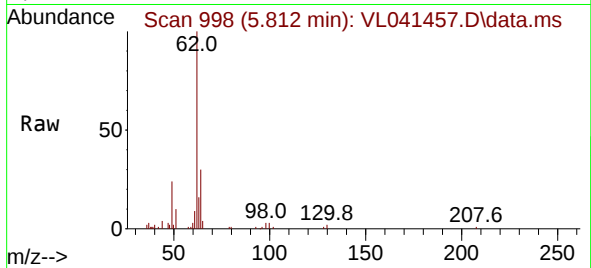
Tgt Ion: 62 Resp: 5595

Ion	Ratio	Lower	Upper
62	100		
98	6.3	5.0	7.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#38

Trichloroethene

Concen: 0.464 ppbv

RT: 7.291 min Scan# 1458

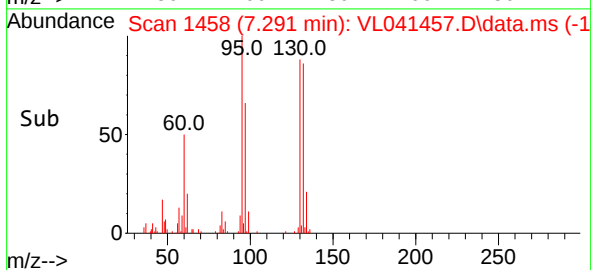
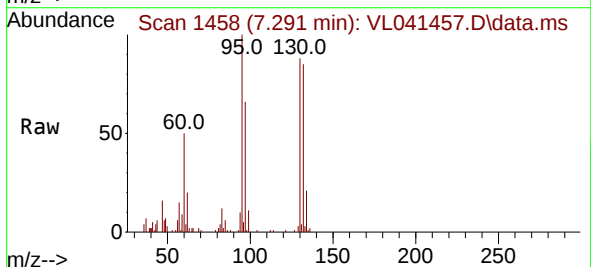
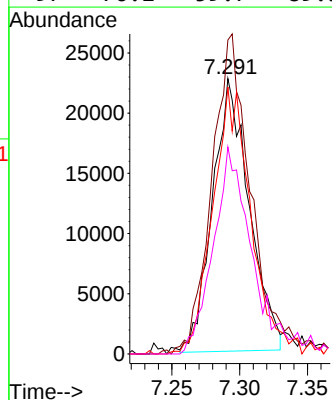
Delta R.T. -0.007 min

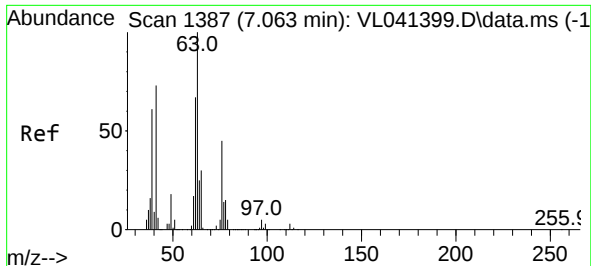
Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Tgt Ion:130 Resp: 42581

Ion	Ratio	Lower	Upper
130	100		
95	112.9	90.2	135.2
132	97.5	78.1	117.1
97	76.2	59.7	89.5





#39

1,2-Dichloropropane

Concen: 0.516 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

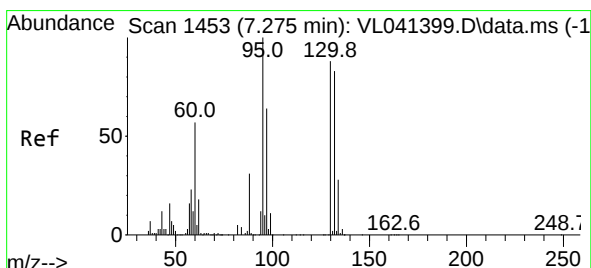
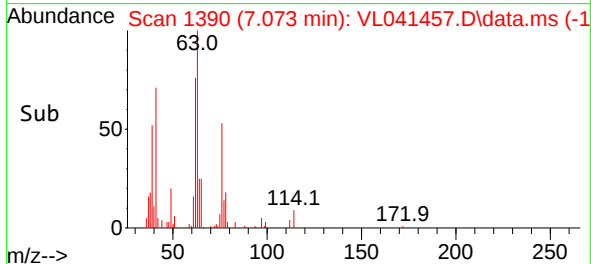
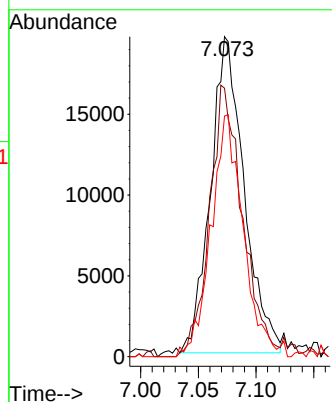
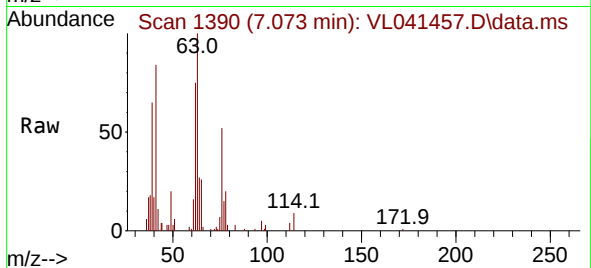
LOQ-AIR-02-QT3-2024

Tgt Ion: 63	Resp: 3957
Ion Ratio	Lower Upper
63	100
41	83.7 58.3 87.5
62	73.1 53.9 80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#40

1,4-Dioxane

Concen: 0.361 ppbv m

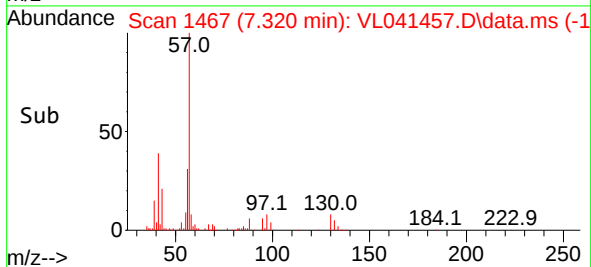
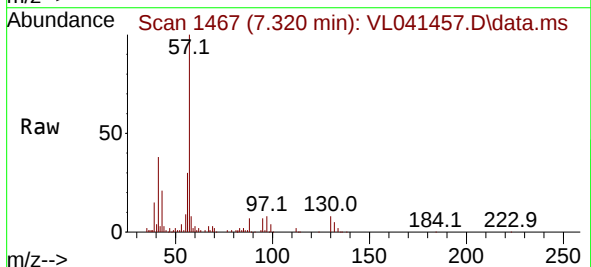
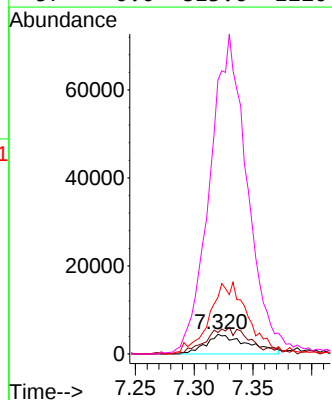
RT: 7.320 min Scan# 1467

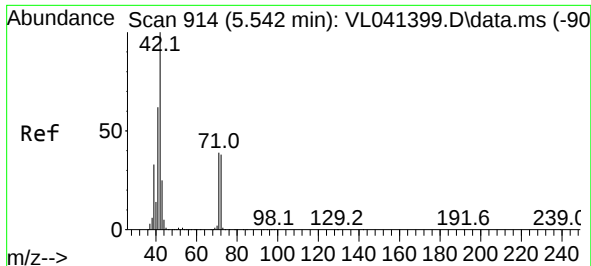
Delta R.T. 0.029 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Tgt Ion: 88	Resp: 11121
Ion Ratio	Lower Upper
88	100
58	0.0 95.8 143.6#
43	0.0 188.2 282.2#
57	0.0 813.6 1220.4#





#41

Tetrahydrofuran

Concen: 0.466 ppbv

RT: 5.584 min Scan# 914

Delta R.T. 0.026 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

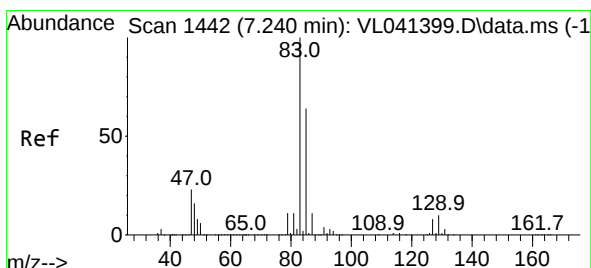
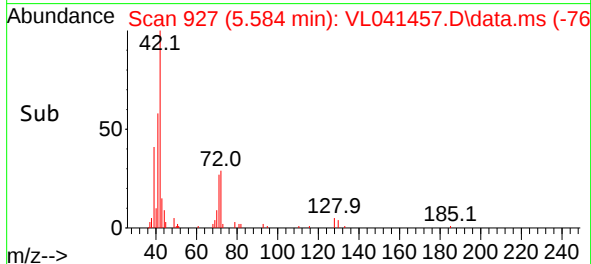
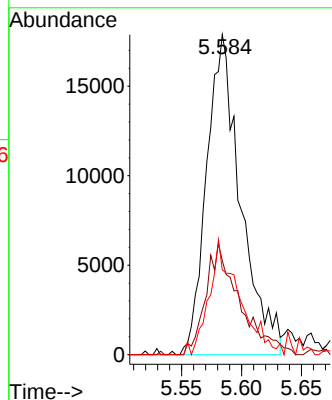
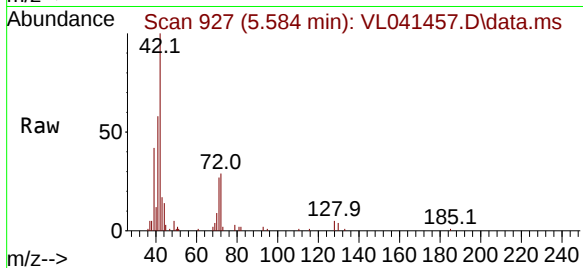
LOQ-AIR-02-QT3-2024

Tgt Ion:	42	Resp:	35294
Ion Ratio	Lower	Upper	
42	100		
72	35.6	31.2	46.8
71	32.7	30.5	45.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#42

Bromodichloromethane

Concen: 0.468 ppbv

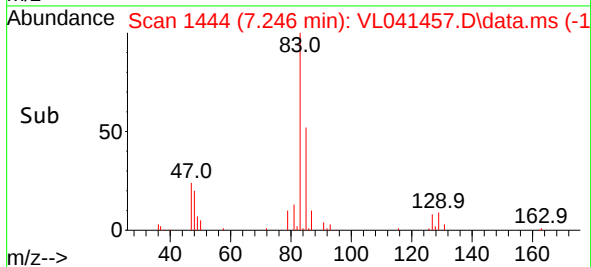
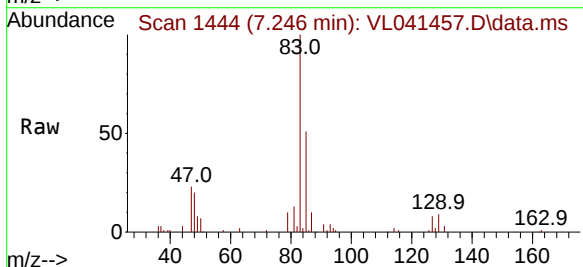
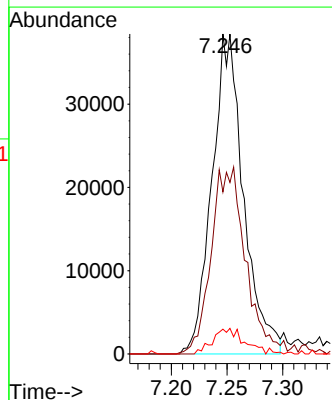
RT: 7.246 min Scan# 1444

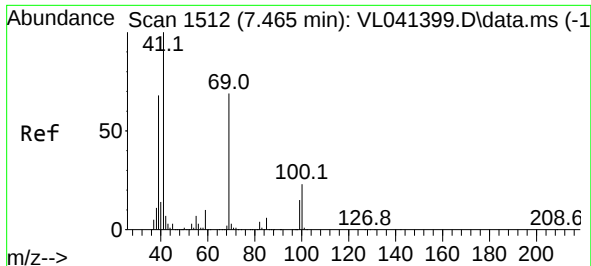
Delta R.T. -0.010 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

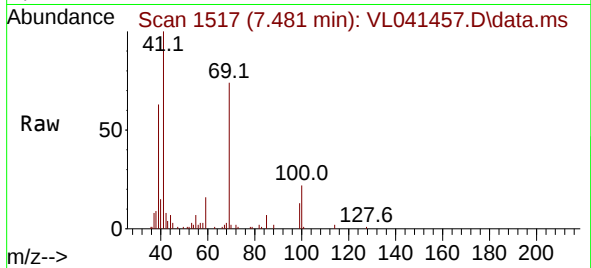
Tgt Ion:	83	Resp:	75793
Ion Ratio	Lower	Upper	
83	100		
85	50.2	51.4	77.0
127	7.8	6.7	10.1





#43
Methyl Methacrylate
Concen: 0.420 ppbv
RT: 7.481 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

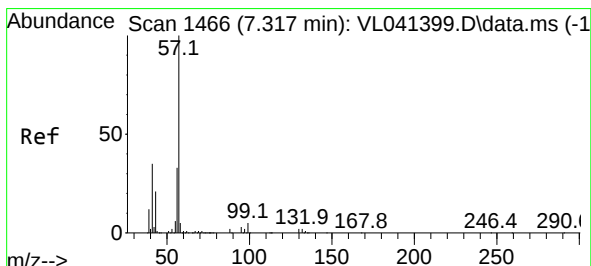
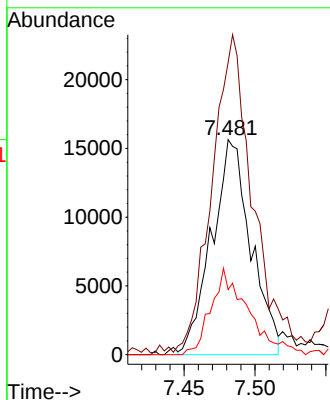
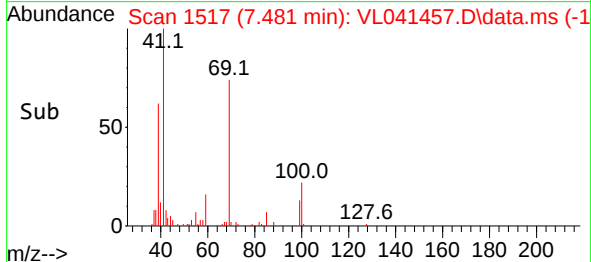
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



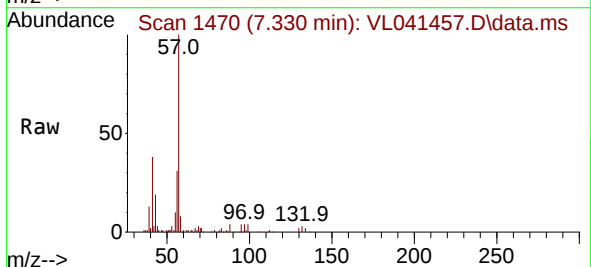
Tgt Ion: 69 Resp: 30158
Ion Ratio Lower Upper
69 100
41 153.9 118.7 178.1
100 38.2 27.0 40.4

Manual Integrations
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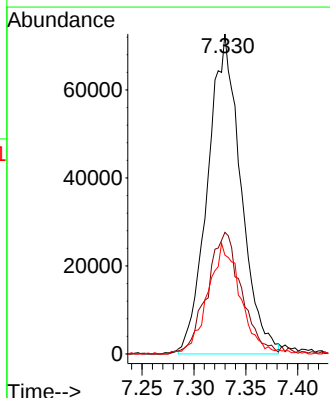
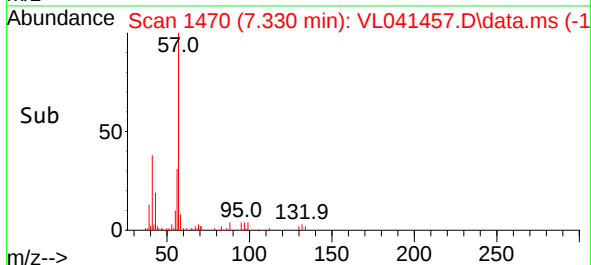
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

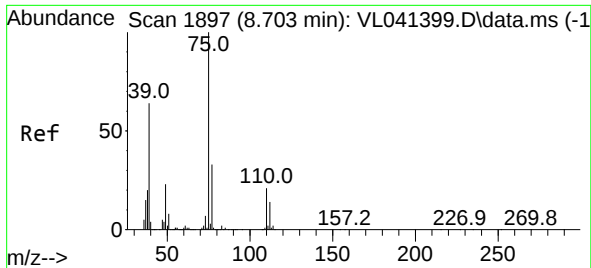


#44
2,2,4-Trimethylpentane
Concen: 0.483 ppbv m
RT: 7.330 min Scan# 1470
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



Tgt Ion: 57 Resp: 161557
Ion Ratio Lower Upper
57 100
41 40.4 27.0 40.6
56 34.3 25.2 37.8





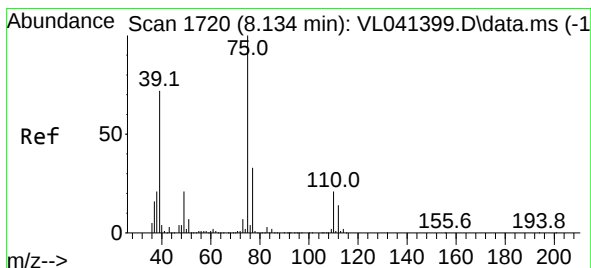
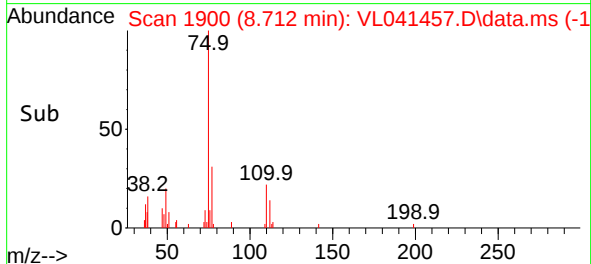
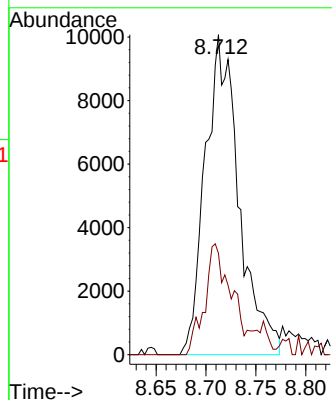
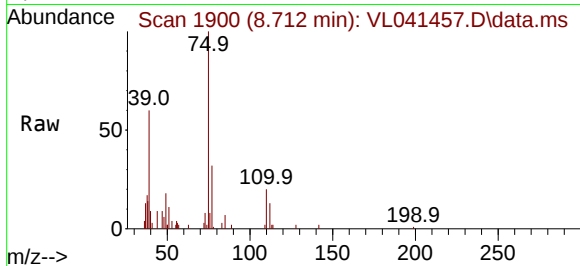
#45
t-1,3-Dichloropropene
Concen: 0.359 ppbv m
RT: 8.712 min Scan# 1897
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

Tgt Ion: 75 Resp: 2371
Ion Ratio Lower Upper
75 100
77 31.7 26.5 39.7

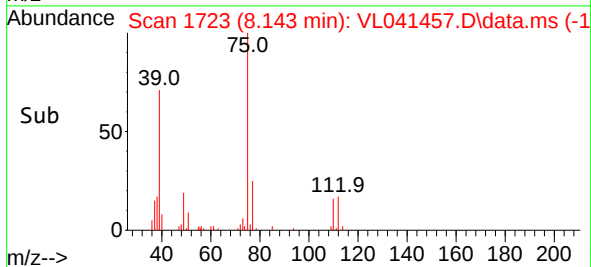
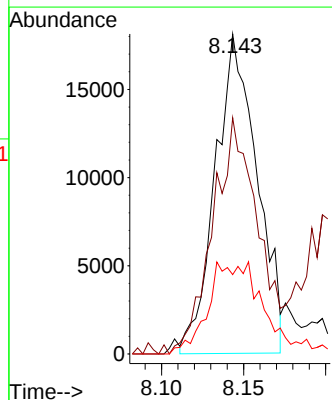
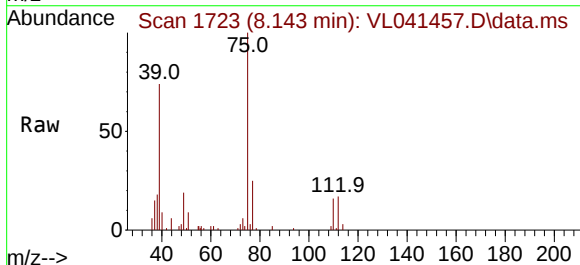
Manual Integrations
APPROVED

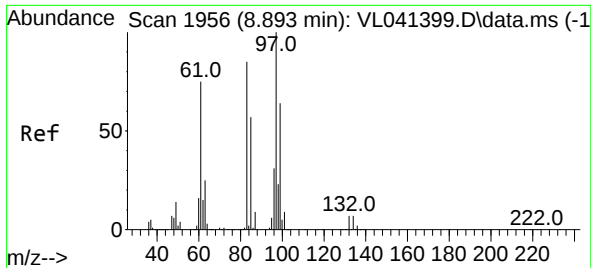
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#46
cis-1,3-Dichloropropene
Concen: 0.336 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

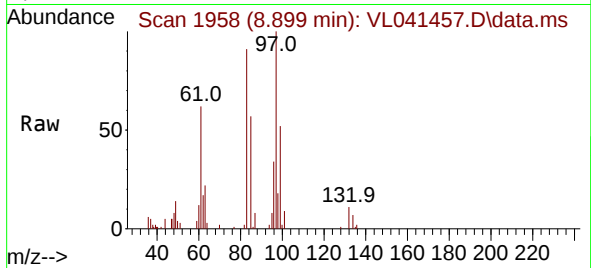
Tgt Ion: 75 Resp: 32053
Ion Ratio Lower Upper
75 100
39 72.1 57.3 85.9
77 23.3 26.2 39.2#





#47
1,1,2-Trichloroethane
Concen: 0.498 ppbv
RT: 8.899 min Scan# 1956
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

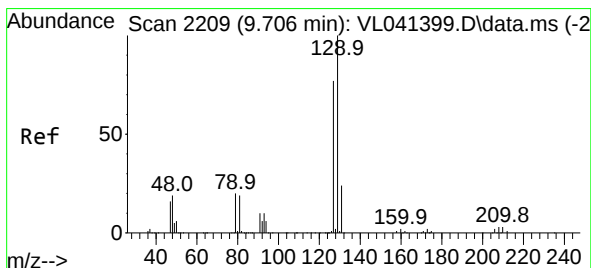
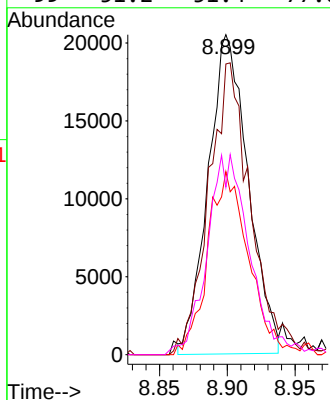
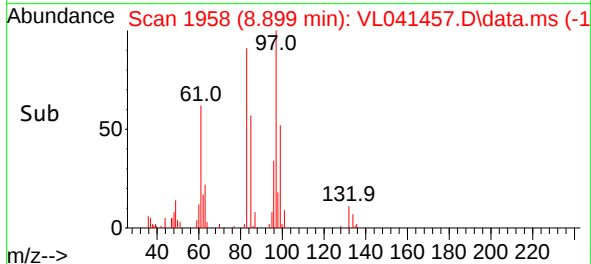
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion: 97 Resp: 4211
Ion Ratio Lower Upper
97 100
83 88.8 67.6 101.4
85 56.1 45.9 68.9
99 51.2 51.4 77.0#

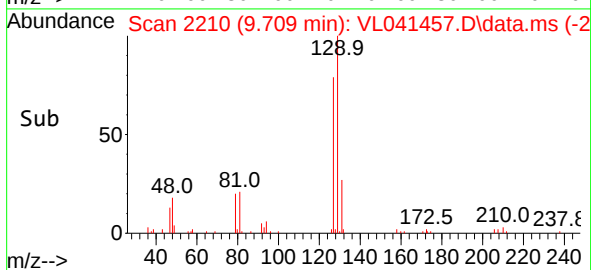
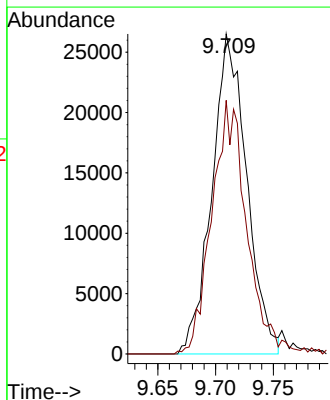
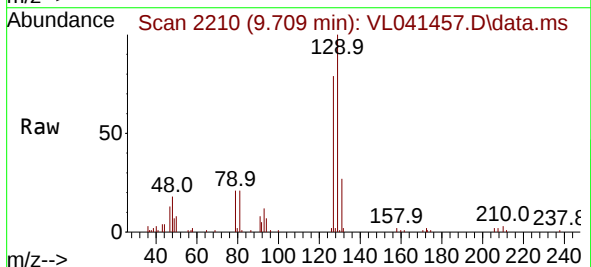
Manual Integrations
APPROVED

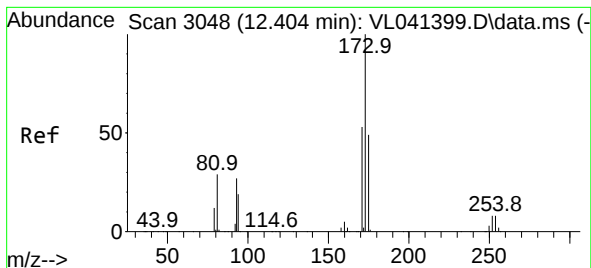
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#48
Dibromochloromethane
Concen: 0.408 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. -0.010 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Tgt Ion:129 Resp: 55526
Ion Ratio Lower Upper
129 100
127 80.3 39.3 117.8





#49

Bromoform

Concen: 0.377 ppbv m

RT: 12.416 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

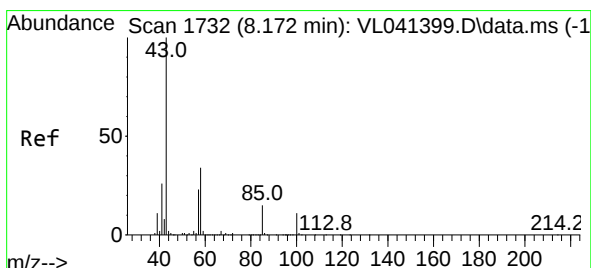
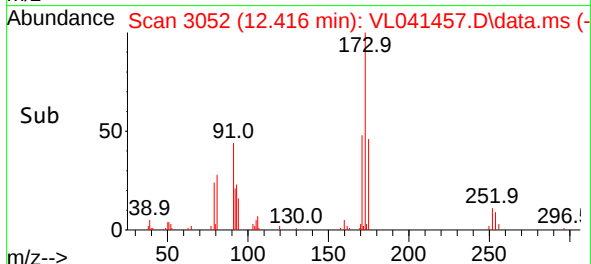
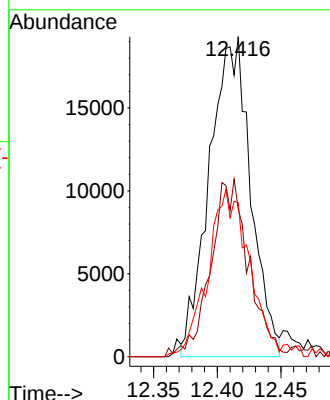
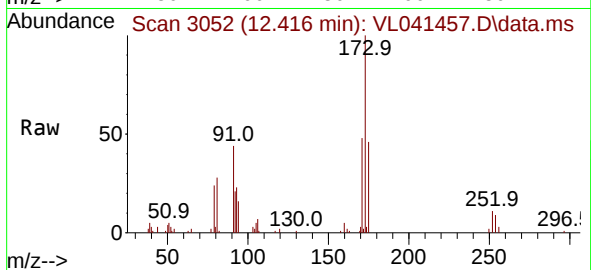
LOQ-AIR-02-QT3-2024

Tgt Ion:	173	Resp:	43360
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.9	59.9
171	54.3	41.7	62.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#50

4-Methyl-2-Pentanone

Concen: 0.424 ppbv m

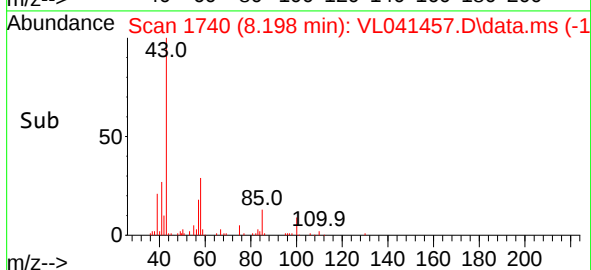
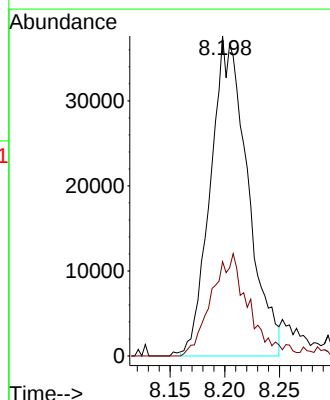
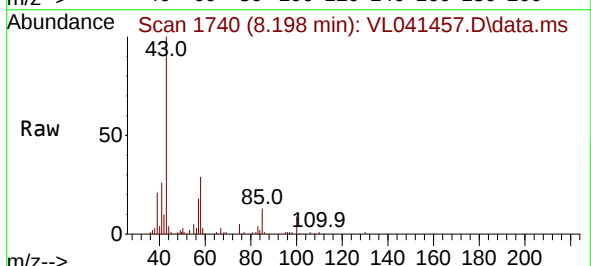
RT: 8.198 min Scan# 1740

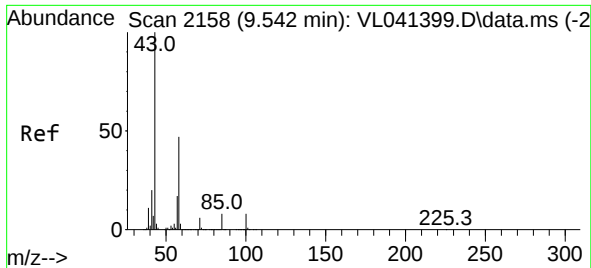
Delta R.T. 0.013 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

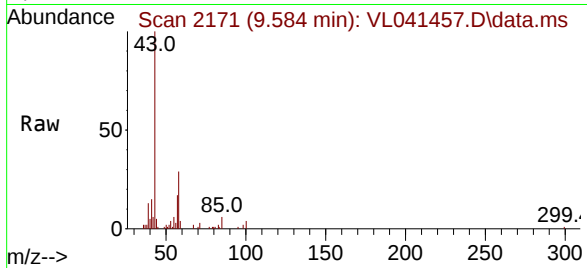
Tgt Ion:	43	Resp:	88623
Ion Ratio	Lower	Upper	
43	100		
58	0.0	27.9	41.9





#51
2-Hexanone
Concen: 0.401 ppbv m
RT: 9.584 min Scan# 2158
Delta R.T. 0.032 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

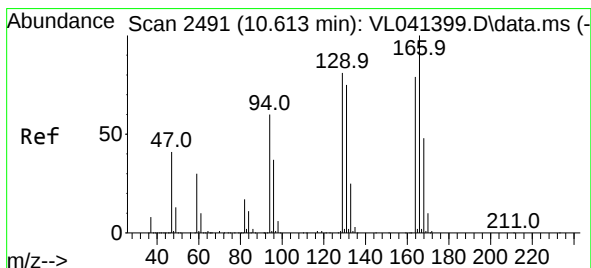
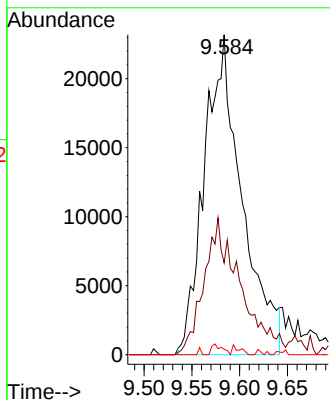
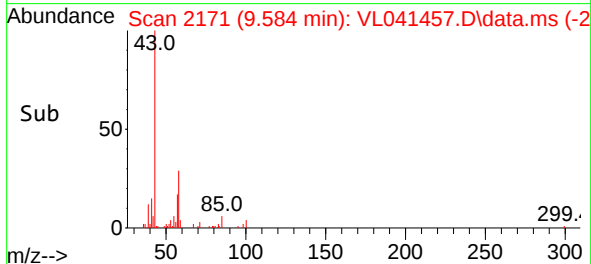
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion: 43 Resp: 6347
Ion Ratio Lower Upper
43 100
58 0.0 38.2 57.2
98 0.2 0.3 0.5

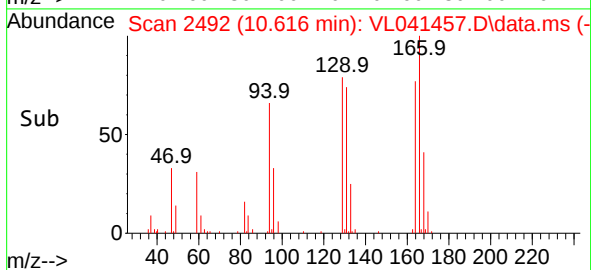
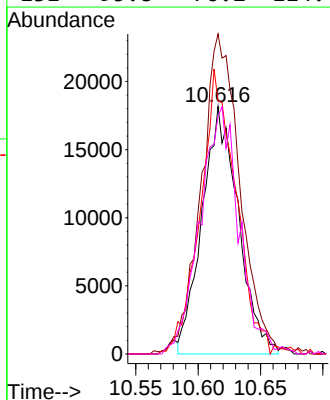
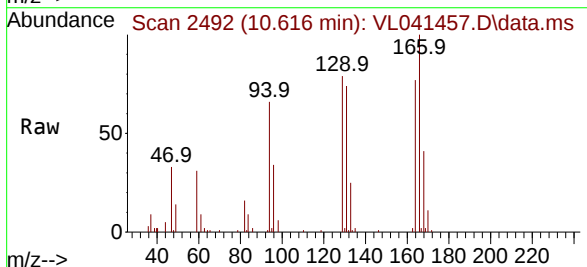
Manual Integrations
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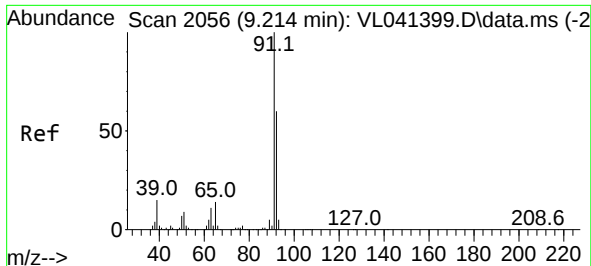
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#52
Tetrachloroethene
Concen: 0.476 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Tgt Ion:164 Resp: 36832
Ion Ratio Lower Upper
164 100
166 130.3 101.1 151.7
129 101.3 81.7 122.5
131 95.8 76.2 114.4





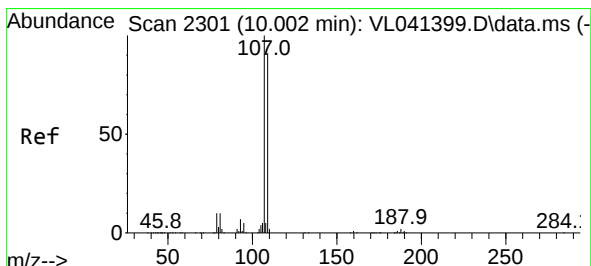
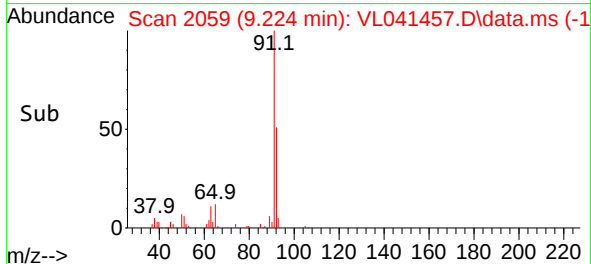
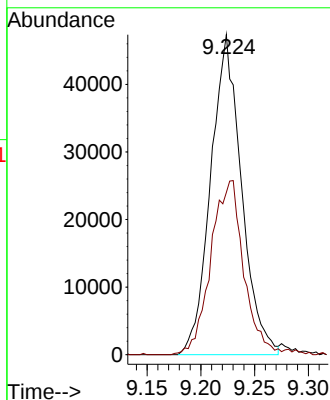
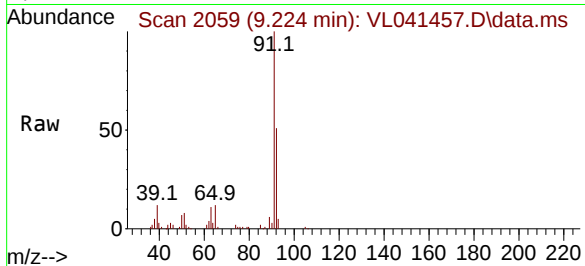
#53
Toluene
Concen: 0.423 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

Tgt Ion: 91 Resp: 9428
Ion Ratio Lower Upper
91 100
92 59.0 48.7 73.1

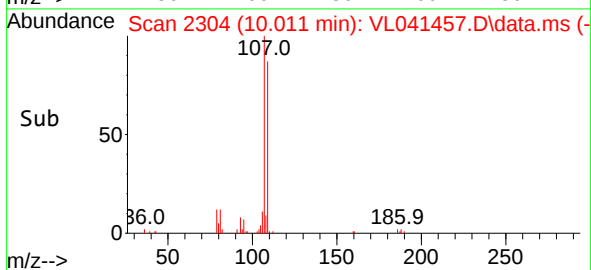
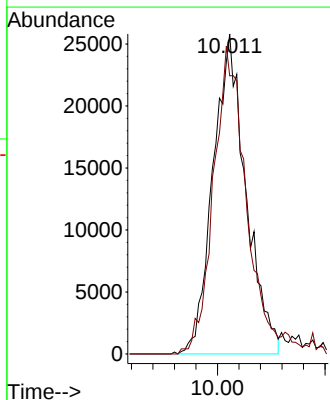
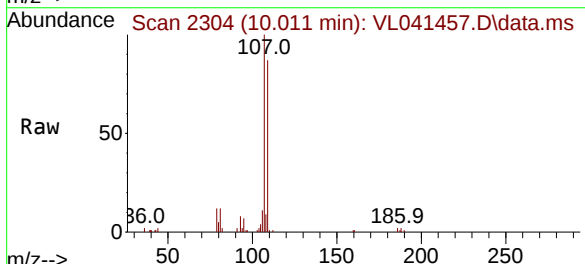
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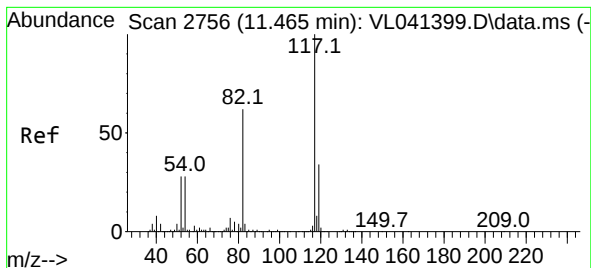
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#54
1,2-Dibromoethane
Concen: 0.486 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

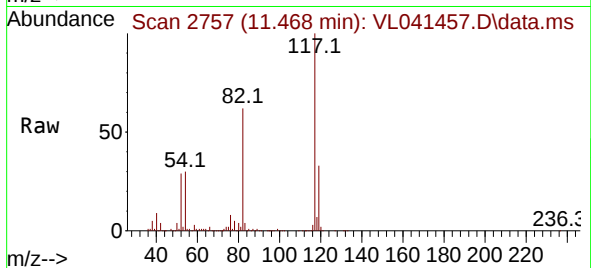
Tgt Ion:107 Resp: 54705
Ion Ratio Lower Upper
107 100
109 86.9 72.7 109.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

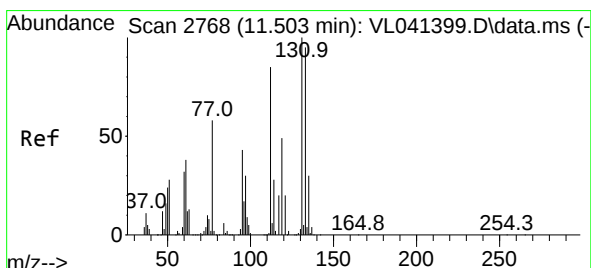
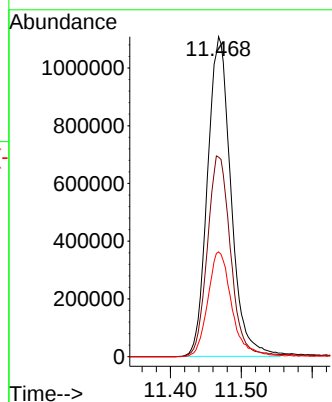
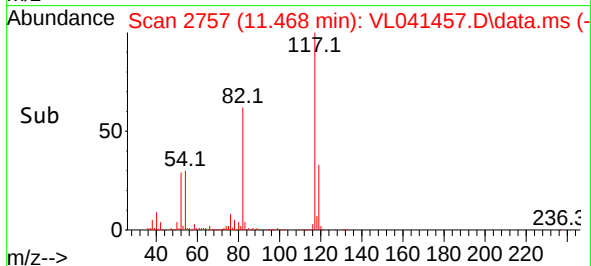
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



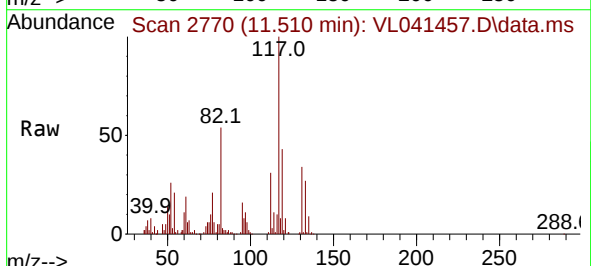
Tgt Ion:117 Resp: 254836
Ion Ratio Lower Upper
117 100
82 62.7 51.0 76.6
119 33.8 45.2 67.8

Manual Integrations
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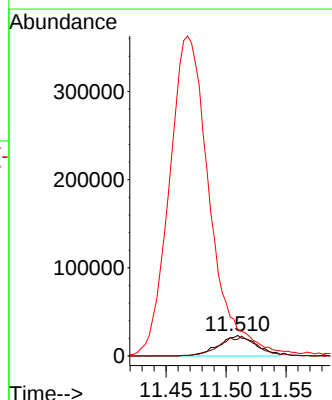
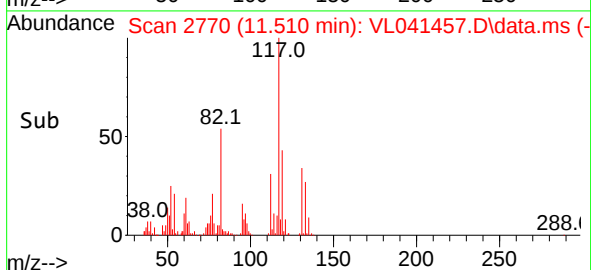
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

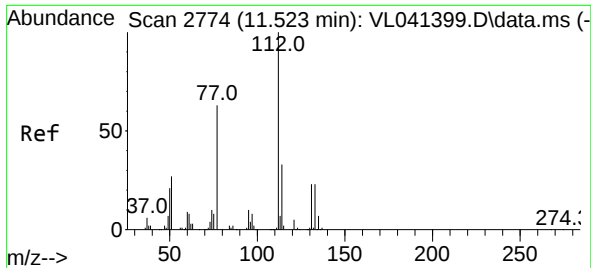


#56
1,1,1,2-Tetrachloroethane
Concen: 0.506 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



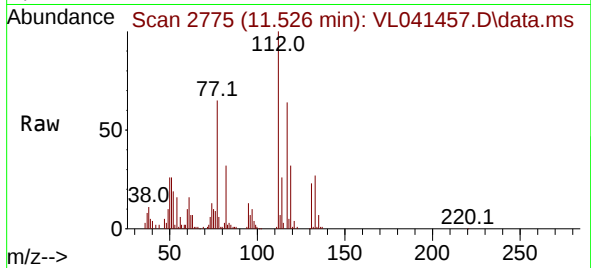
Tgt Ion:131 Resp: 50027
Ion Ratio Lower Upper
131 100
133 97.1 77.0 115.4
119 1721.0 121.5 182.3#





#57
Chlorobenzene
Concen: 0.558 ppbv
RT: 11.526 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

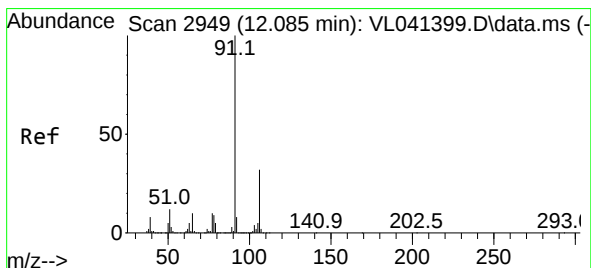
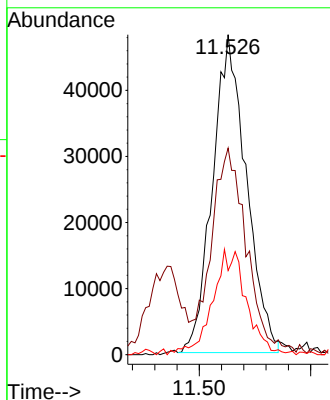
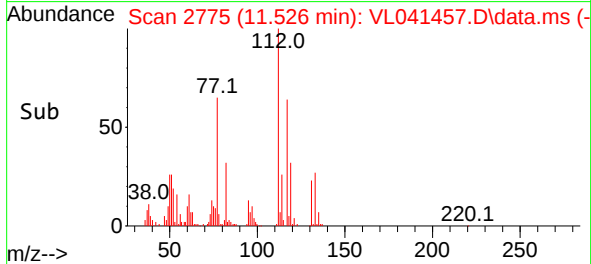
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion:112 Resp: 101240
Ion Ratio Lower Upper
112 100
77 60.3 51.1 76.7
114 28.1 29.5 36.1

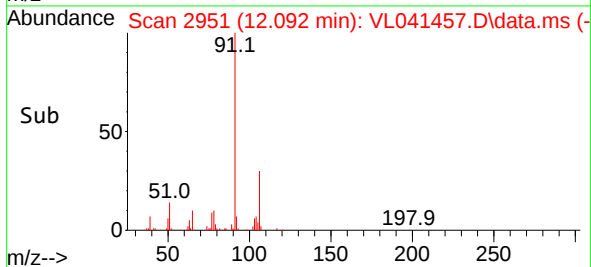
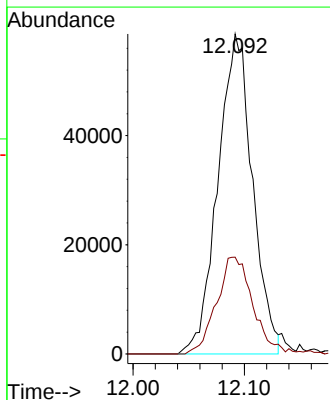
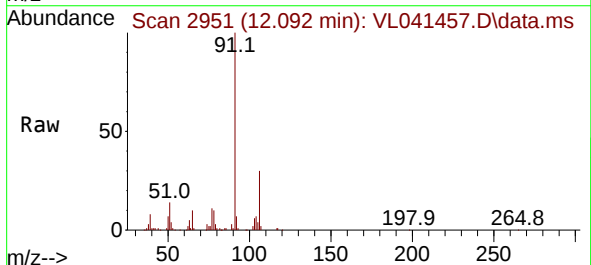
Manual Integrations
APPROVED

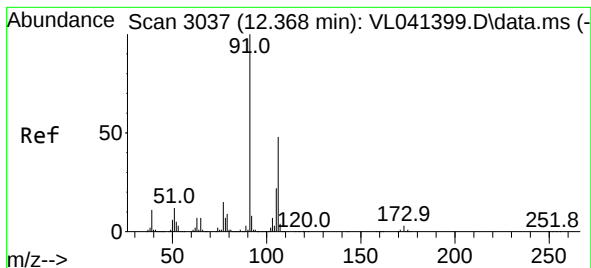
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#58
Ethyl Benzene
Concen: 0.430 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Tgt Ion: 91 Resp: 126271
Ion Ratio Lower Upper
91 100
106 30.2 25.8 38.8





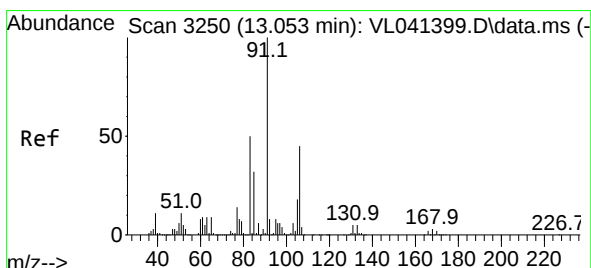
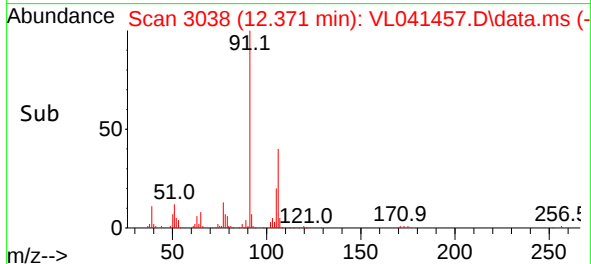
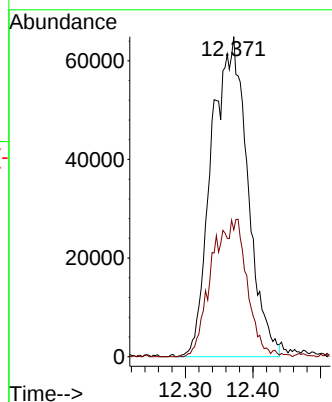
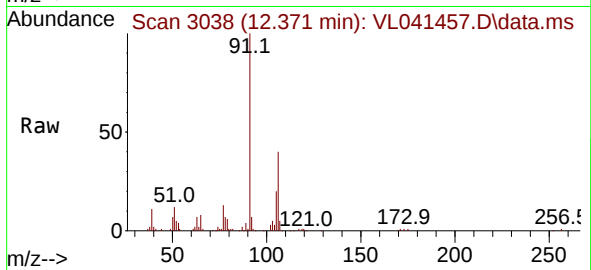
#59
m/p-Xylene
Concen: 0.949 ppbv m
RT: 12.371 min Scan# 3037
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

Tgt Ion: 91 Resp: 240714
Ion Ratio Lower Upper
91 100
106 42.6 36.3 54.5

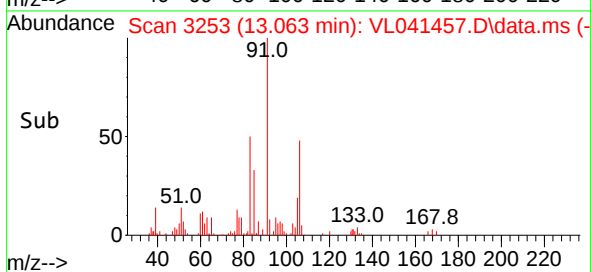
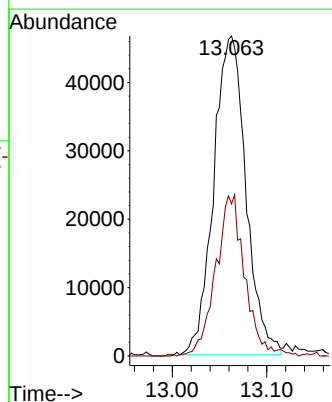
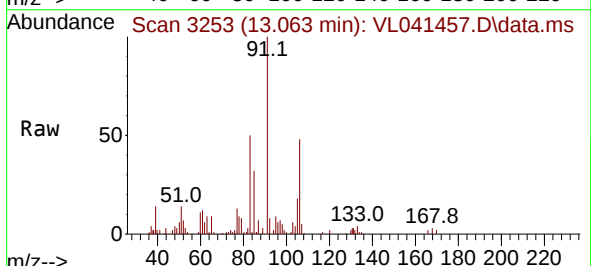
Manual Integrations
APPROVED

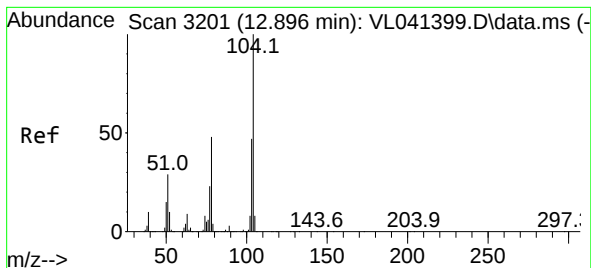
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#60
o-Xylene
Concen: 0.462 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

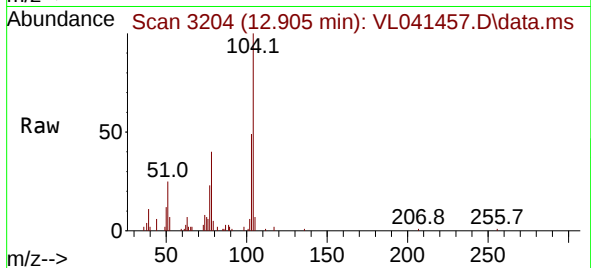
Tgt Ion: 91 Resp: 110722
Ion Ratio Lower Upper
91 100
106 46.0 23.1 69.3





#61
Styrene
Concen: 0.353 ppbv m
RT: 12.905 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

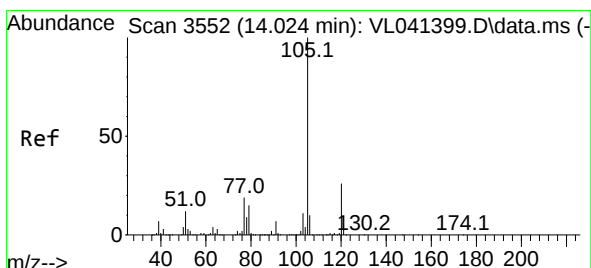
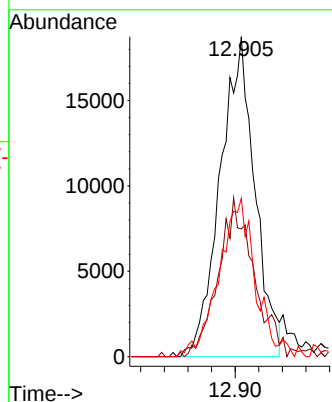
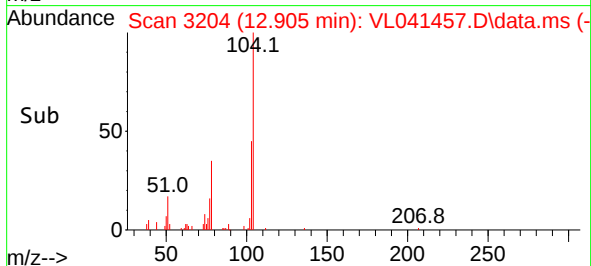
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



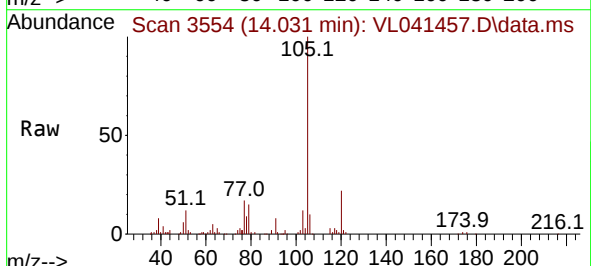
Tgt Ion:104 Resp: 38148
Ion Ratio Lower Upper
104 100
78 0.0 40.8 61.2
103 52.2 38.2 57.4

Manual Integrations
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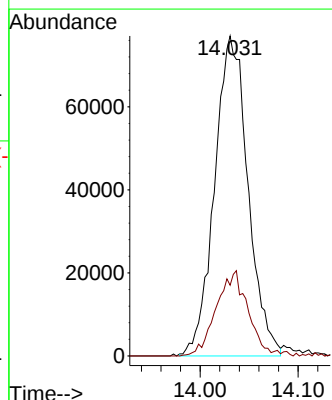
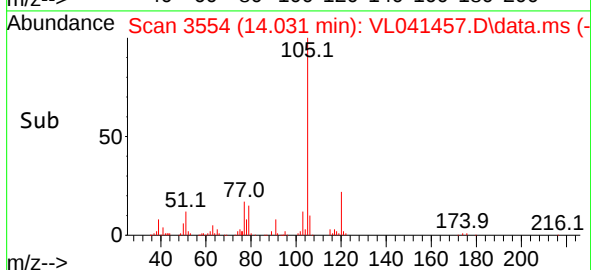
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

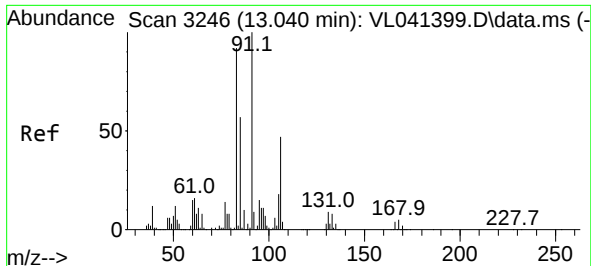


#62
Isopropylbenzene
Concen: 0.501 ppbv m
RT: 14.031 min Scan# 3554
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



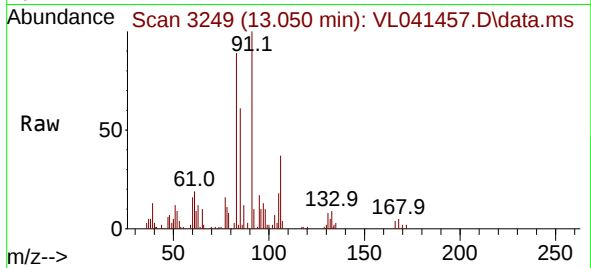
Tgt Ion:105 Resp: 182545
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.4#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.546 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

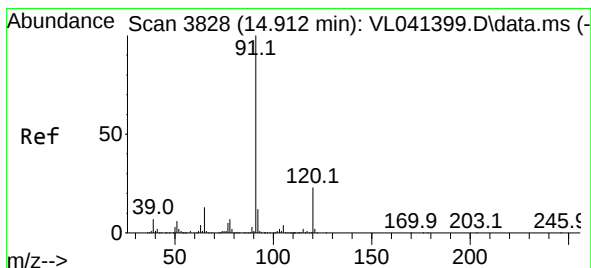
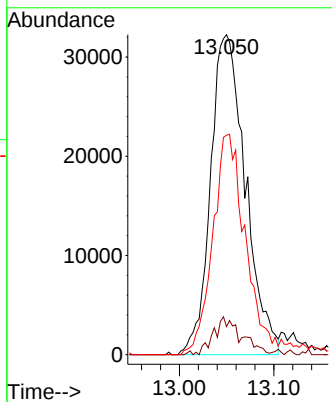
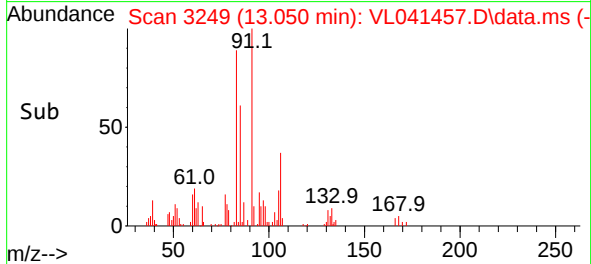
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



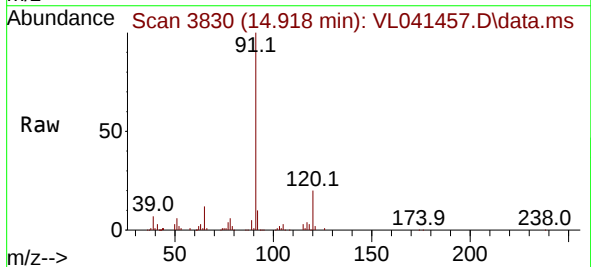
Tgt Ion: 83 Resp: 82640
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 68.3 32.6 98.0

Manual Integrations
APPROVED

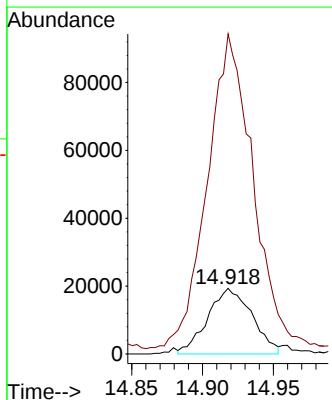
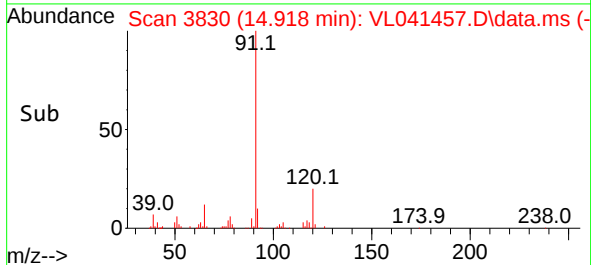
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

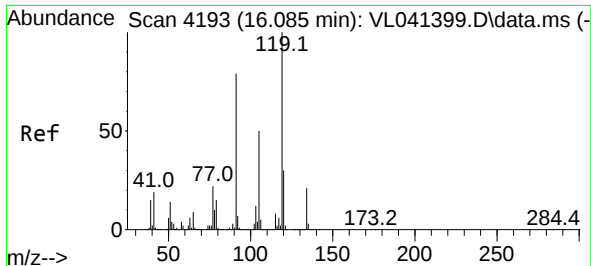


#64
n-propylbenzene
Concen: 0.441 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



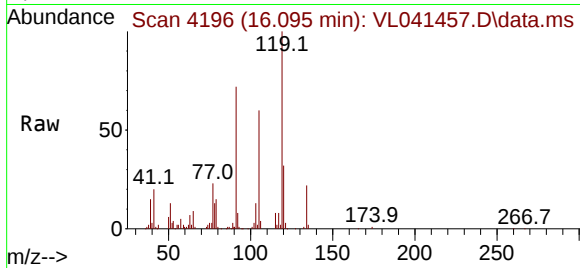
Tgt Ion:120 Resp: 42032
Ion Ratio Lower Upper
120 100
91 533.6 361.4 542.0





#65
tert-Butylbenzene
Concen: 0.479 ppbv m
RT: 16.095 min Scan# 4193
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

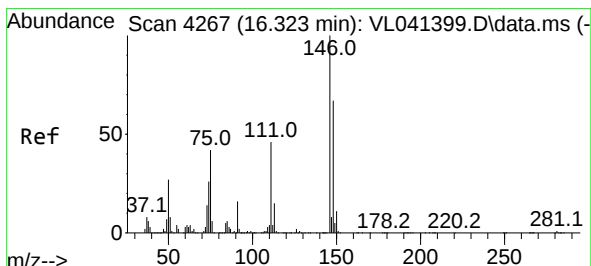
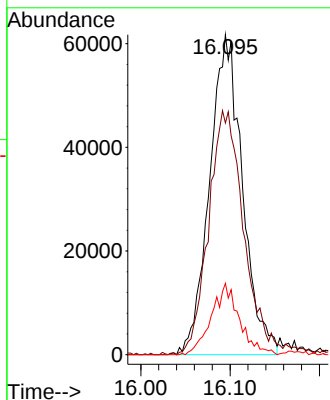
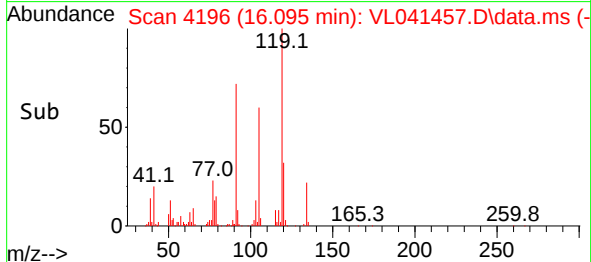
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion: 119 Resp: 15777
Ion Ratio Lower Upper
119 100
91 83.4 64.2 96.2
134 19.0 15.7 23.5

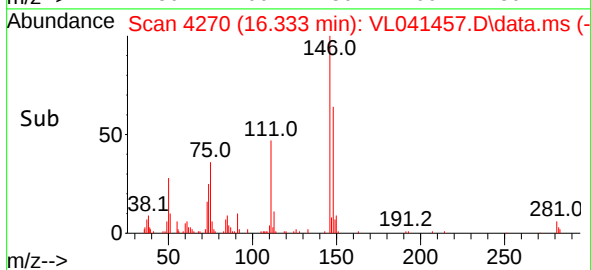
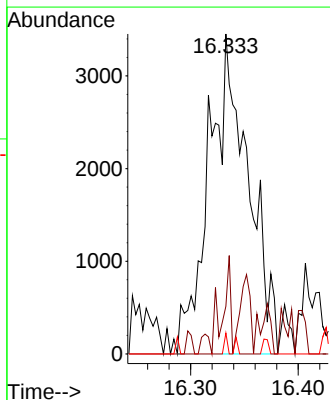
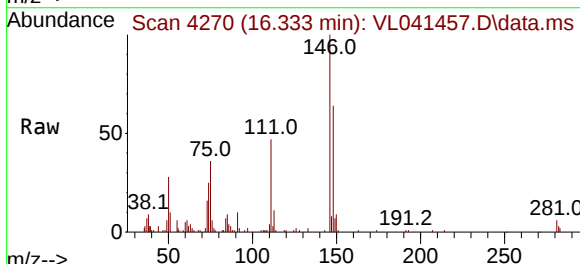
Manual Integrations
APPROVED

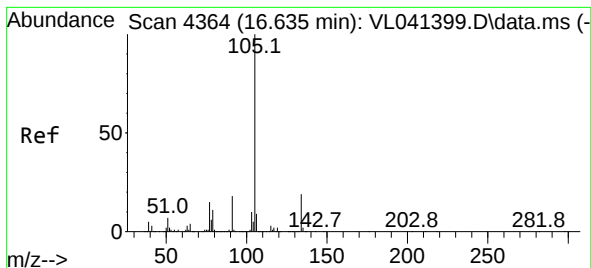
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#66
Benzyl Chloride
Concen: 0.416 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

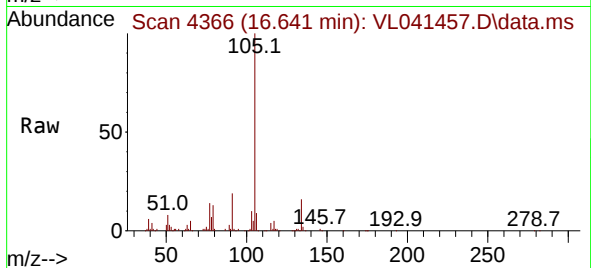
Tgt Ion: 91 Resp: 8796
Ion Ratio Lower Upper
91 100
126 8.9 13.8 20.8#
128 0.9 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.482 ppbv
 RT: 16.641 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54

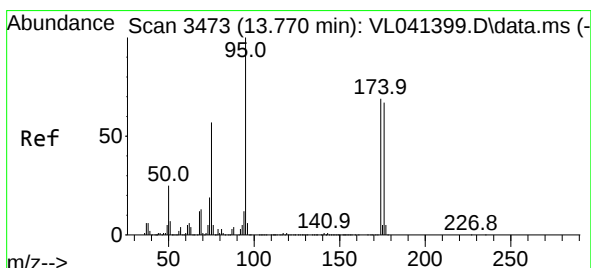
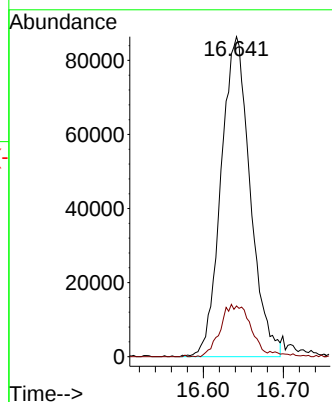
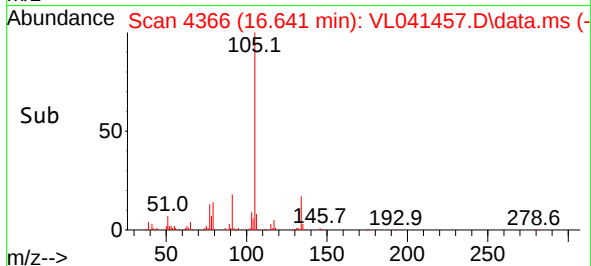
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT3-2024



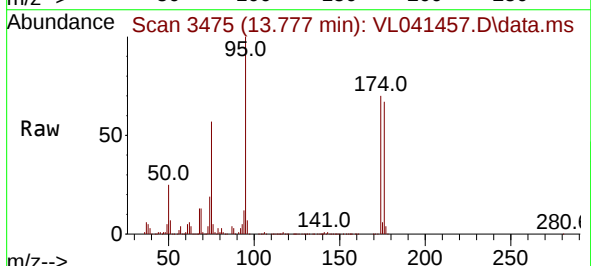
Tgt Ion:105 Resp: 21893
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.5 21.7

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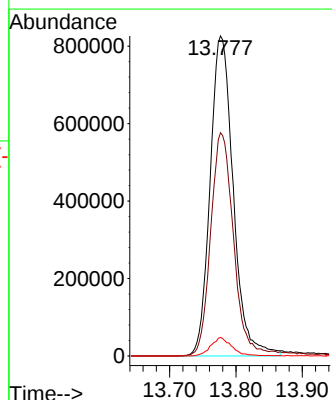
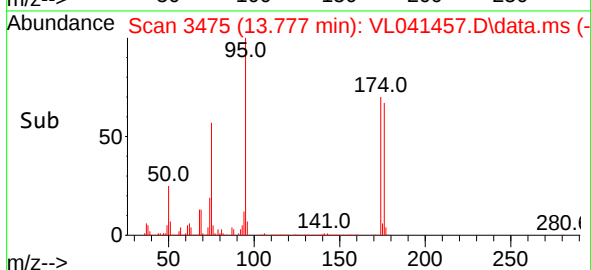
Reviewed By :Semsettin Yesilyurt 08/01/2024
 Supervised By :Mahesh Dadoda 08/01/2024

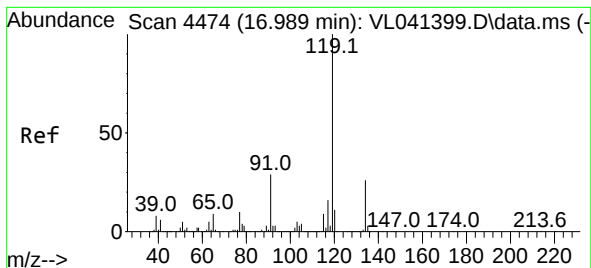


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.209 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. -0.007 min
 Lab File: VL041457.D
 Acq: 31 Jul 2024 10:54



Tgt Ion: 95 Resp: 2002089
 Ion Ratio Lower Upper
 95 100
 174 70.9 56.3 84.5
 175 5.3 4.0 6.0





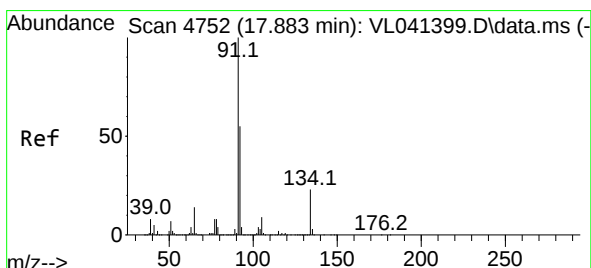
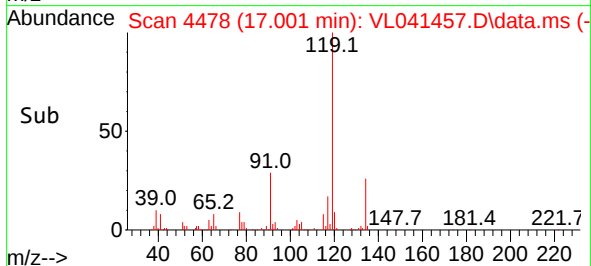
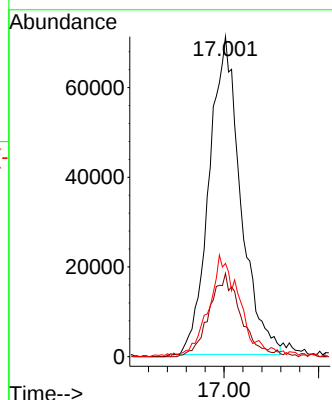
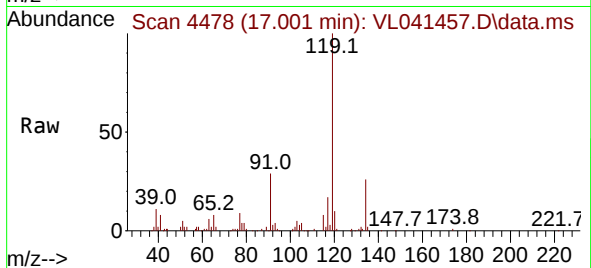
#69
p-Isopropyltoluene
Concen: 0.436 ppbv
RT: 17.001 min Scan# 4474
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024

Tgt Ion:119 Resp: 164235
Ion Ratio Lower Upper
119 100
134 26.6 20.5 30.7
91 32.9 23.2 34.8

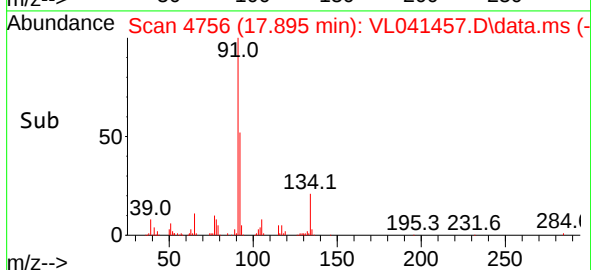
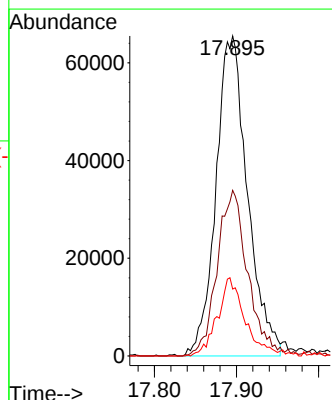
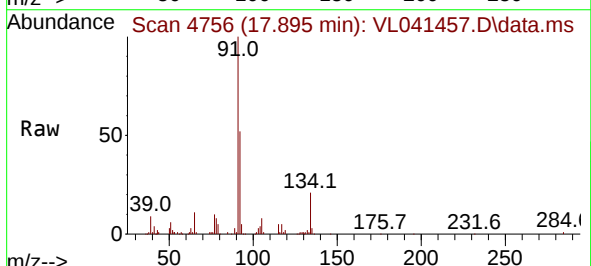
Manual Integrations
APPROVED

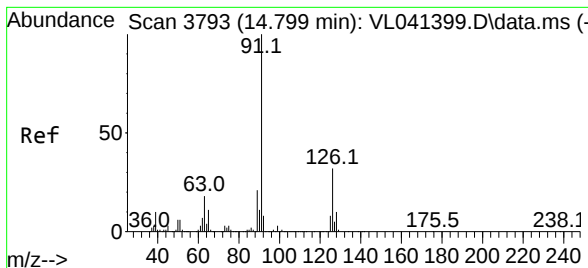
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#70
n-Butylbenzene
Concen: 0.453 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

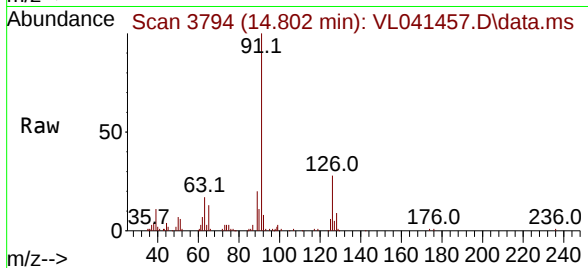
Tgt Ion: 91 Resp: 174958
Ion Ratio Lower Upper
91 100
92 50.5 43.2 64.8
134 21.7 18.5 27.7





#71
2-Chlorotoluene
Concen: 0.462 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

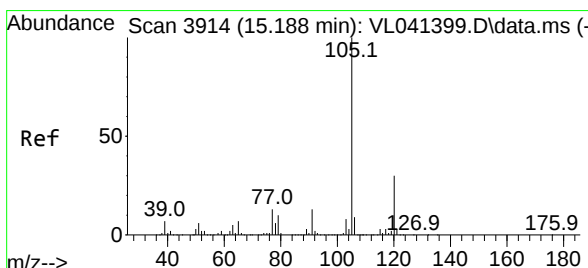
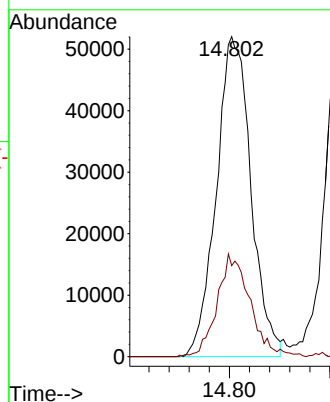
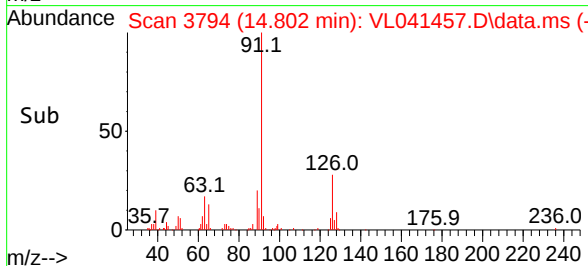
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



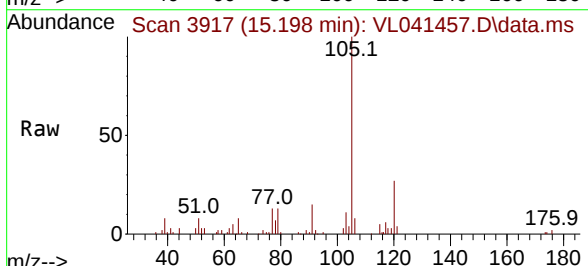
Tgt Ion: 91 Resp: 124250
Ion Ratio Lower Upper
91 100
126 30.8 12.7 50.9

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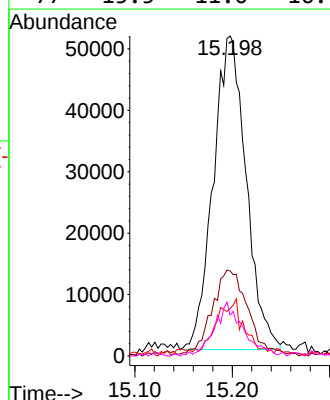
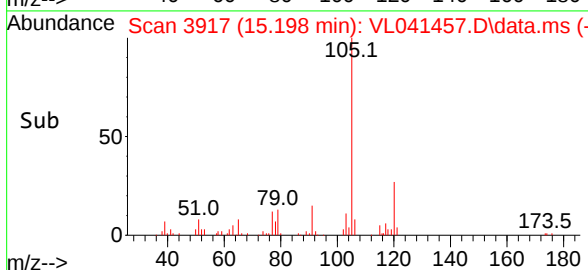
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

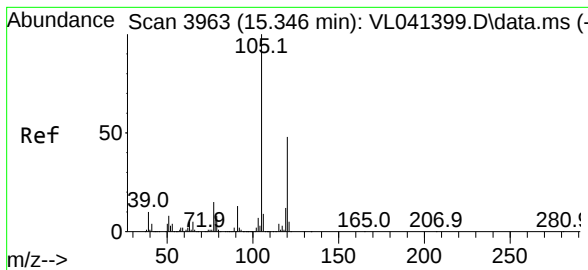


#72
4-Ethyltoluene
Concen: 0.424 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



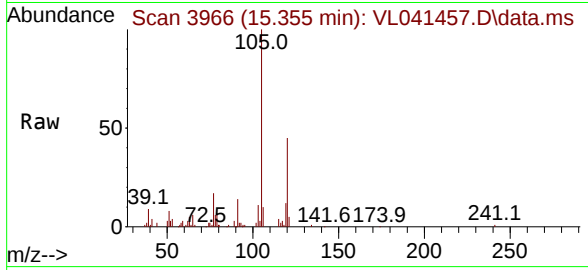
Tgt Ion:105 Resp: 119775
Ion Ratio Lower Upper
105 100
120 31.4 24.2 36.2
91 16.5 10.4 15.6#
77 15.5 11.0 16.4





#73
1,3,5-Trimethylbenzene
Concen: 0.443 ppbv
RT: 15.355 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

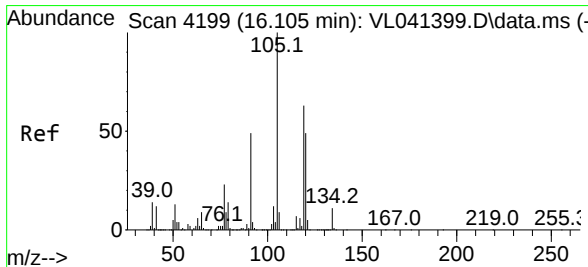
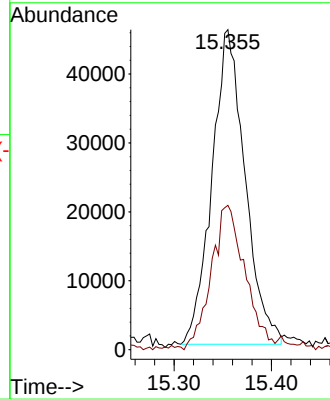
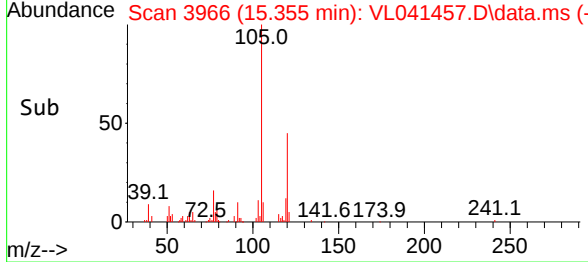
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion:105 Resp: 107738
Ion Ratio Lower Upper
105 100
120 45.1 38.6 57.8

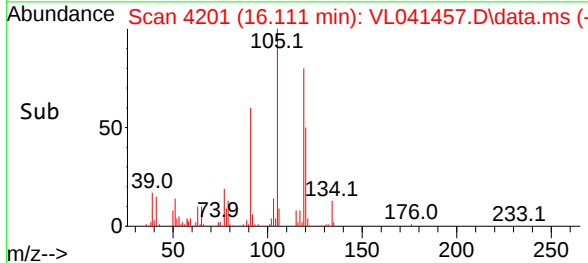
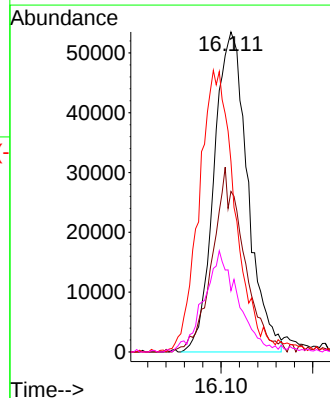
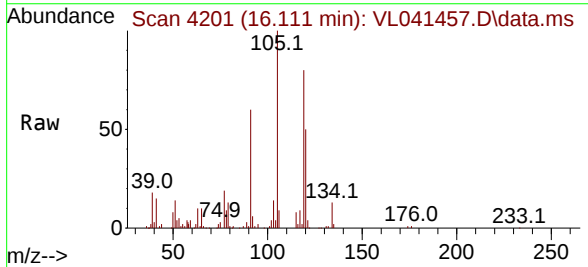
Manual Integrations
APPROVED

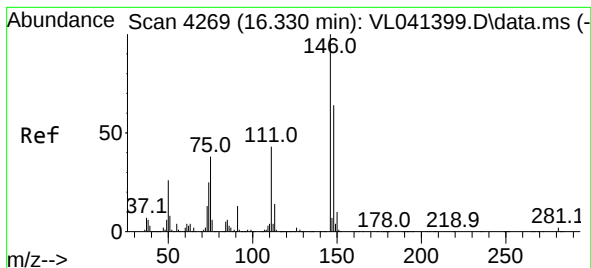
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.481 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.007 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

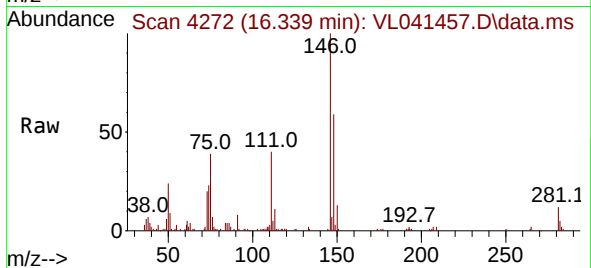
Tgt Ion:105 Resp: 136021
Ion Ratio Lower Upper
105 100
120 48.5 39.5 59.3
91 56.6 39.8 59.8
77 17.1 18.2 27.4#





#75
1,3-Dichlorobenzene
Concen: 0.474 ppbv
RT: 16.339 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

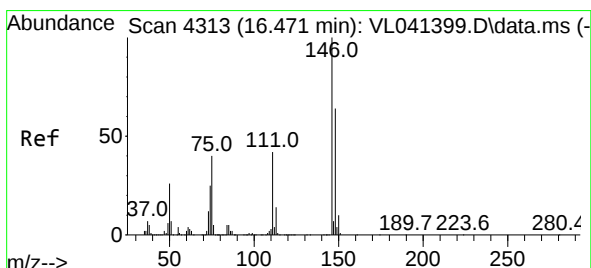
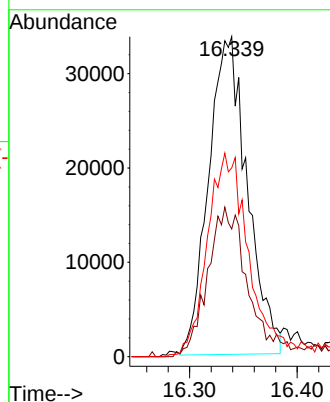
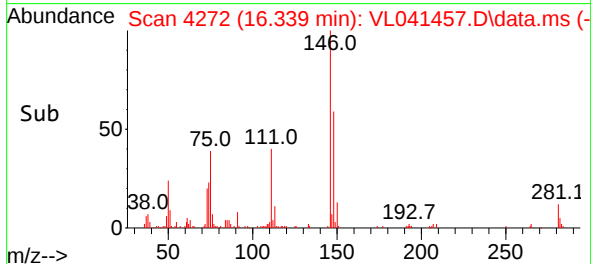
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



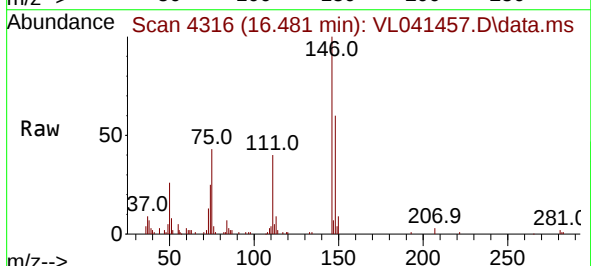
Tgt Ion:146 Resp: 8427
Ion Ratio Lower Upper
146 100
111 50.3 22.6 67.8
148 69.9 32.3 96.8

Manual Integrations
APPROVED

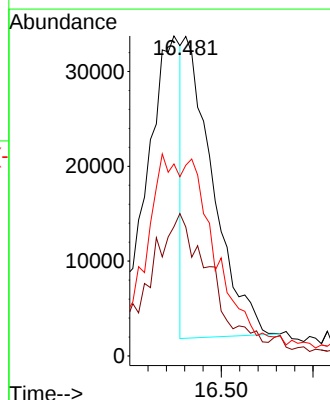
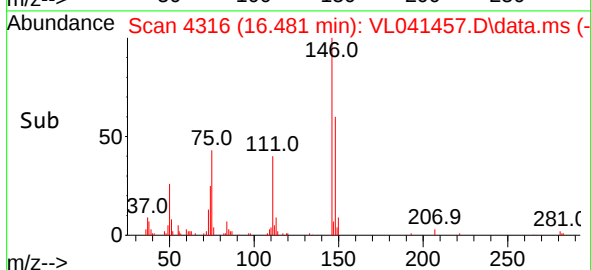
Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

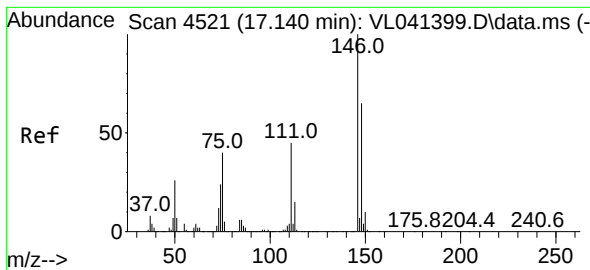


#76
1,4-Dichlorobenzene
Concen: 0.205 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. -0.000 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54



Tgt Ion:146 Resp: 35274
Ion Ratio Lower Upper
146 100
111 113.0 22.4 67.0#
148 0.0 33.1 99.5#





#77

1,2-Dichlorobenzene

Concen: 0.489 ppbv

RT: 17.146 min Scan# 4521

Delta R.T. -0.003 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

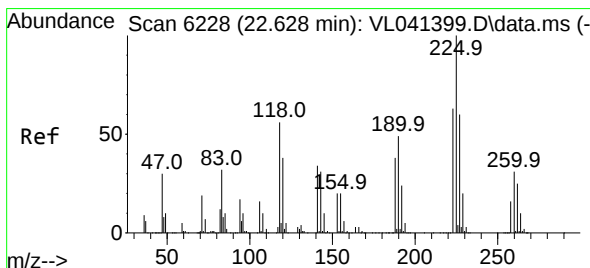
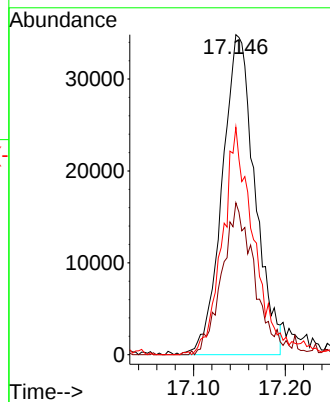
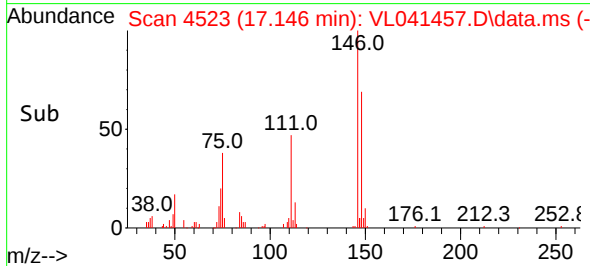
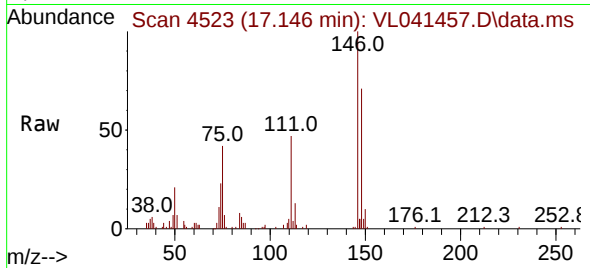
LOQ-AIR-02-QT3-2024

Tgt Ion:	146	Resp:	86198
Ion Ratio	Lower	Upper	
146	100		
111	48.4	23.4	70.0
148	70.0	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.541 ppbv

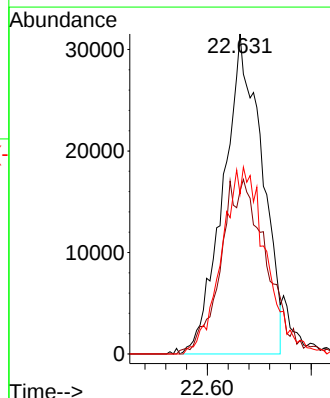
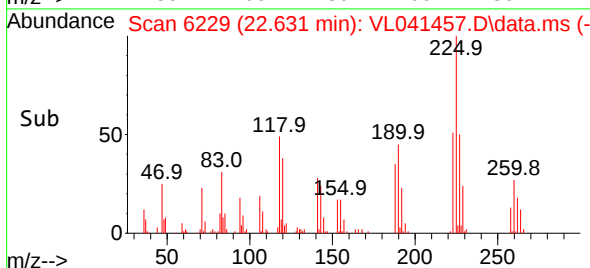
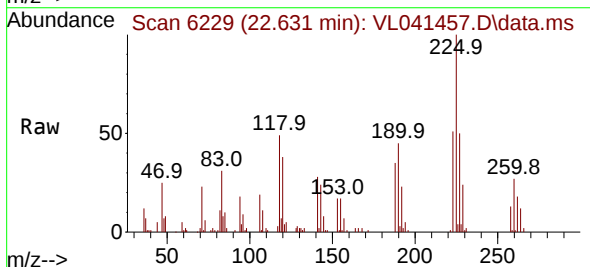
RT: 22.631 min Scan# 6229

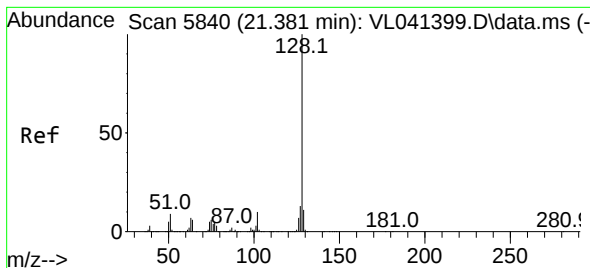
Delta R.T. -0.007 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Tgt Ion:	225	Resp:	81325
Ion Ratio	Lower	Upper	
225	100		
223	64.8	50.6	76.0
227	67.1	50.8	76.2





#79

Naphthalene

Concen: 0.397 ppbv

RT: 21.397 min Scan# 5845

Delta R.T. 0.006 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

Instrument :

MSVOA_L

ClientSampleId :

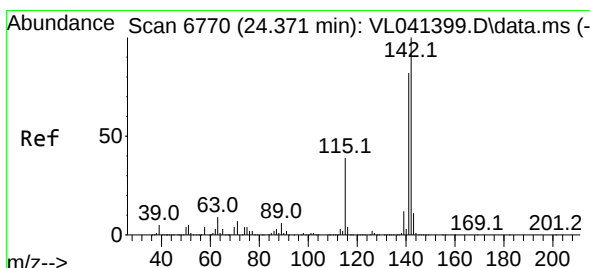
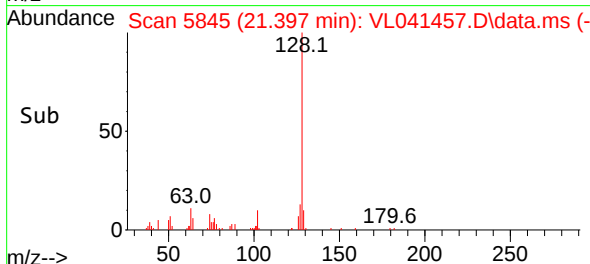
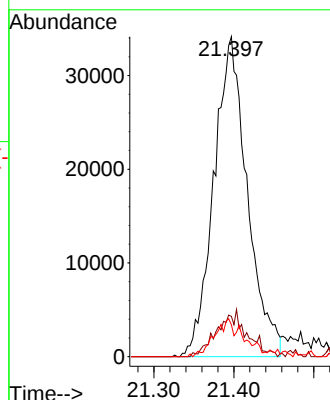
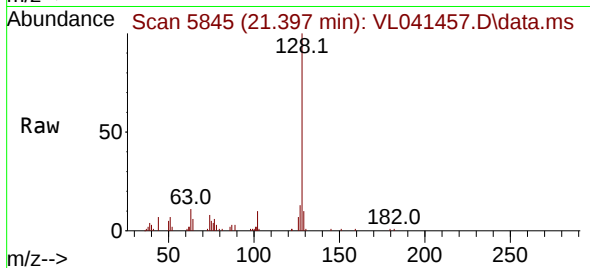
LOQ-AIR-02-QT3-2024

Tgt Ion:	128	Resp:	9916
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	9.9	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024



#80

Naphthalene,2-methyl-

Concen: 0.140 ppbv

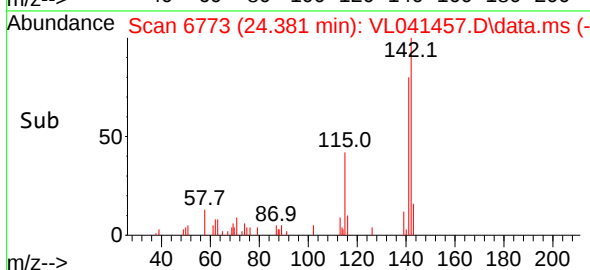
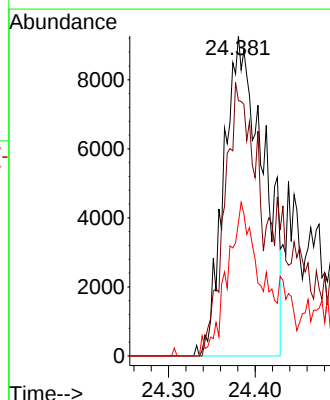
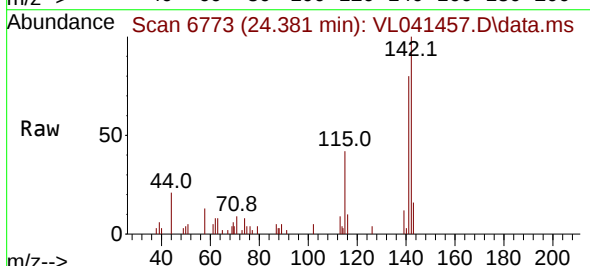
RT: 24.381 min Scan# 6773

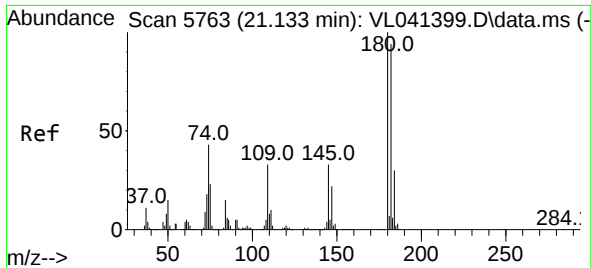
Delta R.T. 0.003 min

Lab File: VL041457.D

Acq: 31 Jul 2024 10:54

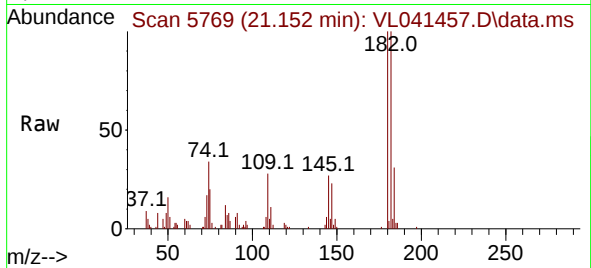
Tgt Ion:	142	Resp:	29272
Ion Ratio	Lower	Upper	
142	100		
141	108.0	67.0	100.4
115	47.7	32.2	48.2





#81
1,2,4-Trichlorobenzene
Concen: 0.294 ppbv
RT: 21.152 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL041457.D
Acq: 31 Jul 2024 10:54

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT3-2024



Tgt Ion:180 Resp: 4365
Ion Ratio Lower Upper
180 100
182 143.7 76.7 115.1
184 46.0 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2024
Supervised By :Mahesh Dadoda 08/01/2024

