

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040747.D
 Acq On : 4 Oct 2023 19:33
 Operator : SY/MD
 Sample : 04699-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023

Quant Time: Oct 05 04:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/05/2023
 Supervised By : Mahesh Dadoda 10/05/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	794770	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2233863	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	1838768	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1466420	10.322	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.742	85	98437	0.562	ppbv	100
3) Chlorodifluoromethane	2.687	51	71226	0.550	ppbv	97
4) Chloromethane	2.825	50	26943	0.544	ppbv #	88
5) Vinyl Chloride	2.928	62	26192	0.447	ppbv	95
6) Bromomethane	3.131	94	14028	0.496	ppbv	97
7) Chloroethane	3.202	64	11590	0.576	ppbv #	82
8) Dichlorotetrafluoroethane	2.867	85	73650	0.509	ppbv	96
9) Propene	2.706	41	17560	0.471	ppbv	98
10) Heptane	7.571	43	29866m	0.355	ppbv	
11) Trichlorofluoromethane	3.568	101	86322	0.561	ppbv	92
12) 1,1,2-Trichlorotrifluo...	4.066	101	61318	0.557	ppbv	97
13) Ethanol	3.269	45	6697m	0.607	ppbv	
14) Bromoethene	3.375	108	23353	0.506	ppbv	95
15) Acetone	3.491	43	68139	0.650	ppbv	98
16) 1,3-Butadiene	2.996	39	21271m	0.466	ppbv	
17) tert-Butyl alcohol	3.899	59	42312	0.394	ppbv	94
18) 1,1-Dichloroethene	3.886	96	23540	0.481	ppbv	78
19) Isopropyl Alcohol	3.597	45	26916	0.426	ppbv #	80
20) Methylene Chloride	3.935	84	35246	0.625	ppbv	94
21) Allyl Chloride	3.996	41	32814	0.511	ppbv	94
22) trans-1,2-Dichloroethene	4.439	96	24556	0.507	ppbv #	69
23) Vinyl Acetate	4.632	43	49476	0.456	ppbv #	79
24) 1,1-Dichloroethane	4.565	63	53451	0.527	ppbv #	94
25) Ethyl Acetate	5.211	43	74563	0.441	ppbv #	96
26) Hexane	5.211	57	37166m	0.465	ppbv	
27) Carbon Disulfide	4.128	76	53212	0.477	ppbv #	90
28) Methyl tert-Butyl Ether	4.594	73	32493m	0.472	ppbv	
29) Chloroform	5.269	83	69092	0.501	ppbv	97
30) Cyclohexane	6.587	84	19071m	0.317	ppbv	
31) cis-1,2-Dichloroethene	5.073	61	31969	0.431	ppbv	92
32) 1,1,1-Trichloroethane	5.996	97	64238	0.455	ppbv	97
34) 2-Butanone	4.803	43	49755m	0.443	ppbv	
35) Carbon Tetrachloride	6.481	117	68164m	0.444	ppbv	
36) Benzene	6.365	78	63832m	0.386	ppbv	
37) 1,2-Dichloroethane	5.806	62	48202m	0.426	ppbv	
38) Trichloroethene	7.282	130	25668m	0.407	ppbv	
39) 1,2-Dichloropropane	7.066	63	26759m	0.420	ppbv	
40) 1,4-Dioxane	7.317	88	6190m	0.257	ppbv	
41) Tetrahydrofuran	5.578	42	20230m	0.351	ppbv	
42) Bromodichloromethane	7.237	83	63194	0.409	ppbv #	95
43) Methyl Methacrylate	7.471	69	19946m	0.324	ppbv	
44) 2,2,4-Trimethylpentane	7.317	57	88361	0.335	ppbv #	84
45) t-1,3-Dichloropropene	8.693	75	14884m	0.312	ppbv	

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 APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

Quant Time: Oct 05 04:28:55 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Tue Sep 19 05:12:43 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	17381m	0.298	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	29568m	0.405	ppbv	
48) Dibromochloromethane	9.696	129	45868	0.381	ppbv	94
49) Bromoform	12.391	173	34518	0.349	ppbv	95
50) 4-Methyl-2-Pentanone	8.195	43	45922	0.302	ppbv	95
51) 2-Hexanone	9.565	43	29616m	0.283	ppbv	
52) Tetrachloroethene	10.606	164	20701m	0.384	ppbv	
53) Toluene	9.208	91	50218m	0.288	ppbv	
54) 1,2-Dibromoethane	9.995	107	33521	0.359	ppbv	84
56) 1,1,1,2-Tetrachloroethane	11.494	131	42749m	0.488	ppbv	
57) Chlorobenzene	11.500	112	68096m	0.489	ppbv	
58) Ethyl Benzene	12.079	91	62689m	0.299	ppbv	
59) m/p-Xylene	12.349	91	134168m	0.682	ppbv	
60) o-Xylene	13.047	91	56481	0.301	ppbv	99
61) Styrene	12.883	104	20930m	0.266	ppbv	
62) Isopropylbenzene	14.011	105	109485m	0.386	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.034	83	63885	0.434	ppbv	95
64) n-propylbenzene	14.899	120	26167m	0.369	ppbv	
65) tert-Butylbenzene	16.079	119	96909m	0.381	ppbv	
66) Benzyl Chloride	16.304	91	9103m	0.307	ppbv	
67) sec-Butylbenzene	16.619	105	128955m	0.354	ppbv	
69) p-Isopropyltoluene	16.986	119	89602	0.313	ppbv #	93
70) n-Butylbenzene	17.876	91	107969m	0.343	ppbv	
71) 2-Chlorotoluene	14.783	91	68076	0.325	ppbv	95
72) 4-Ethyltoluene	15.182	105	66687m	0.317	ppbv	
73) 1,3,5-Trimethylbenzene	15.336	105	60814	0.321	ppbv #	81
74) 1,2,4-Trimethylbenzene	16.095	105	83310	0.361	ppbv	91
75) 1,3-Dichlorobenzene	16.317	146	54277m	0.412	ppbv	
76) 1,4-Dichlorobenzene	16.458	146	49453	0.382	ppbv	88
77) 1,2-Dichlorobenzene	17.130	146	59044m	0.450	ppbv	
78) Hexachloro-1,3-Butadiene	22.606	225	47553m	0.479	ppbv	
79) Naphthalene	21.371	128	37166m	0.258	ppbv	
80) Naphthalene,2-methyl-	24.403	142	4696m	0.133	ppbv	
81) 1,2,4-Trichlorobenzene	21.120	180	28629m	0.305	ppbv	

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

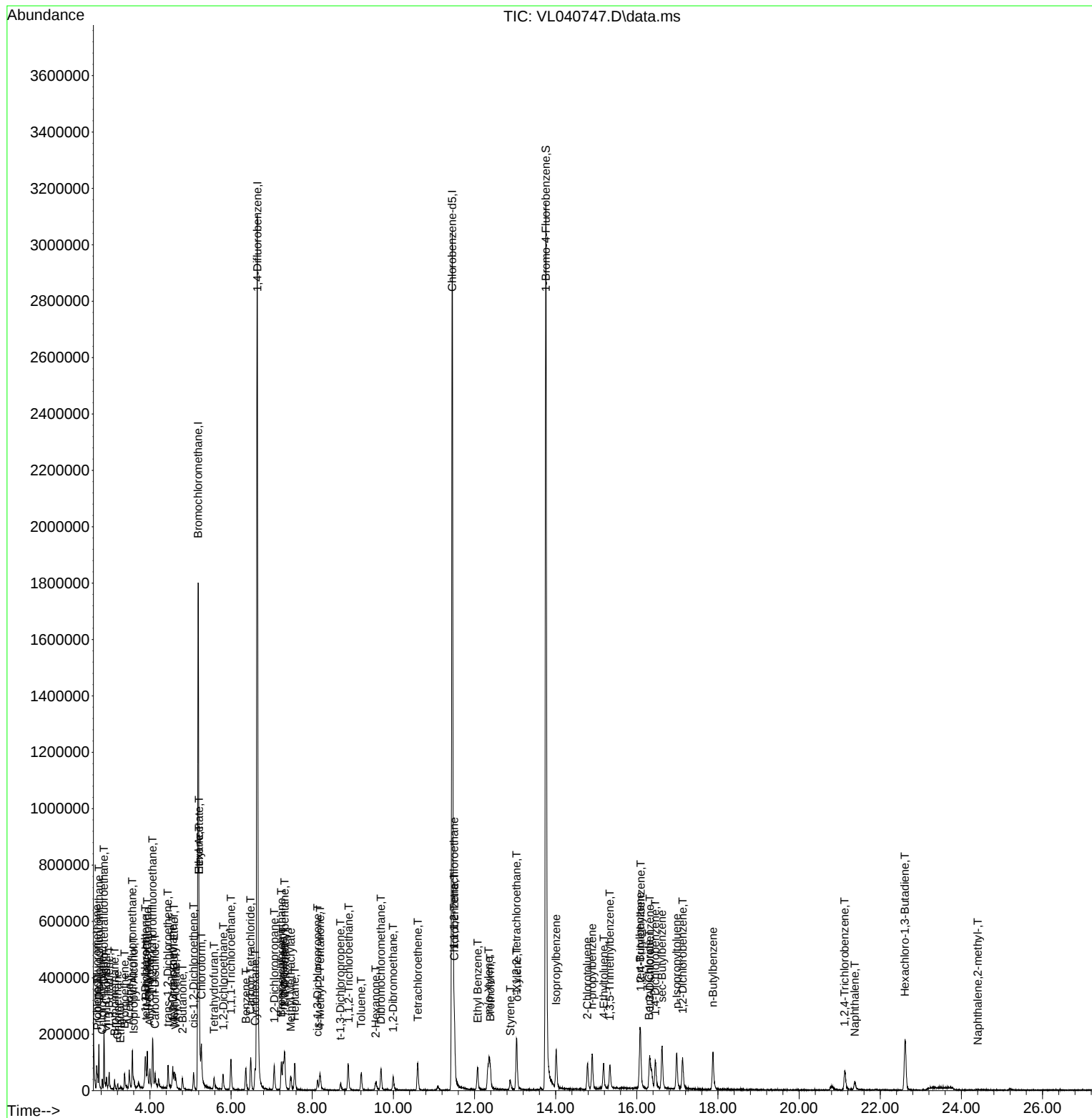
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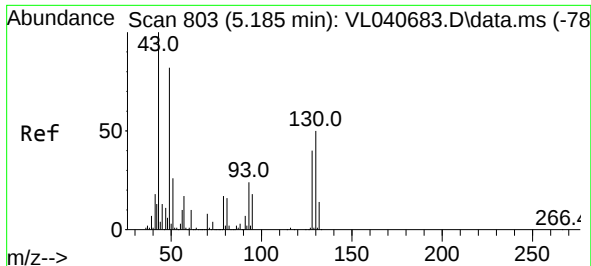
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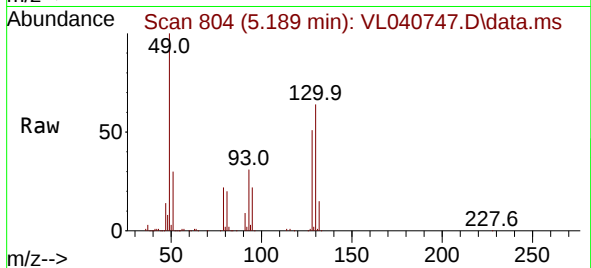
Reviewed By : Semsettin Yesilyurt 10/05/2023
Supervised By : Mahesh Dadoda 10/05/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 803
Delta R.T. -0.009 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

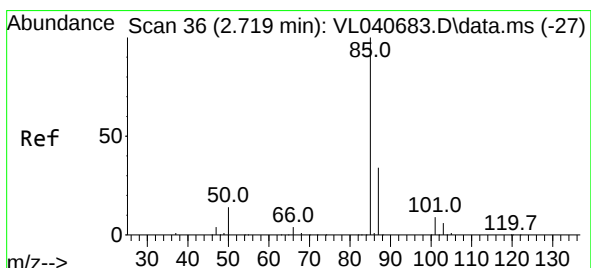
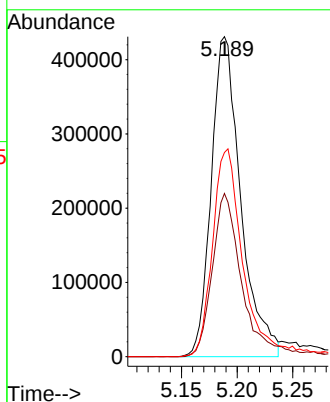
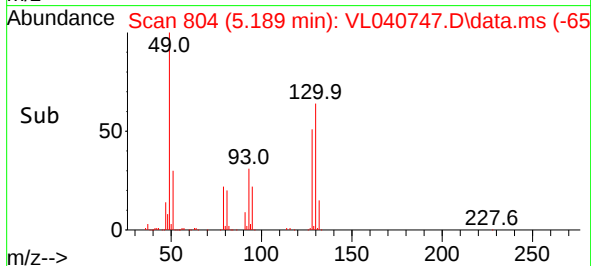
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 49 Resp: 794770
Ion Ratio Lower Upper
49 100
128 52.5 25.4 76.0
130 68.8 32.3 96.8

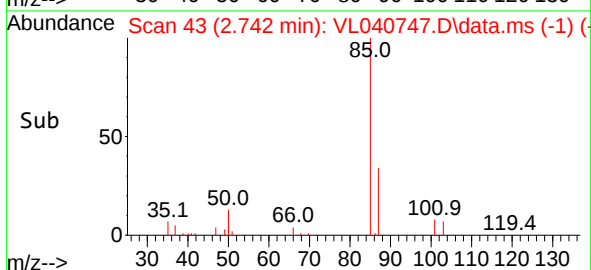
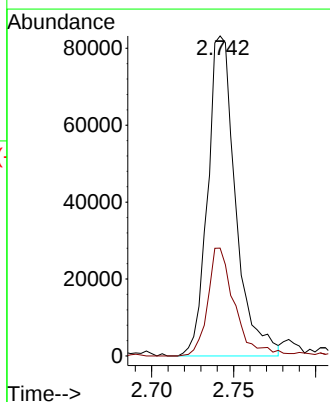
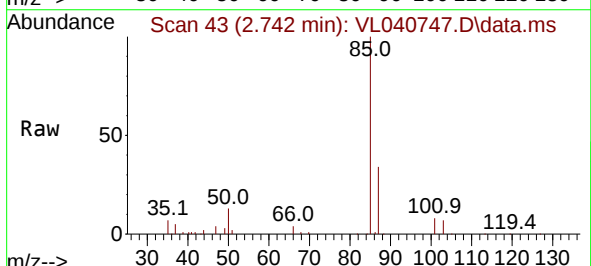
Manual Integrations
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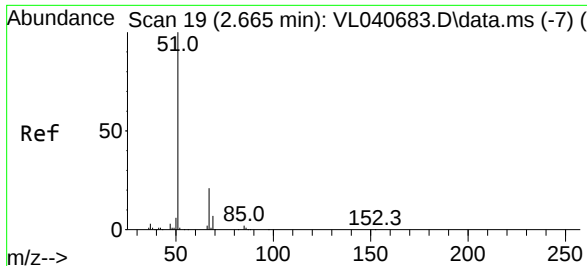
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#2
Dichlorodifluoromethane
Concen: 0.562 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.010 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

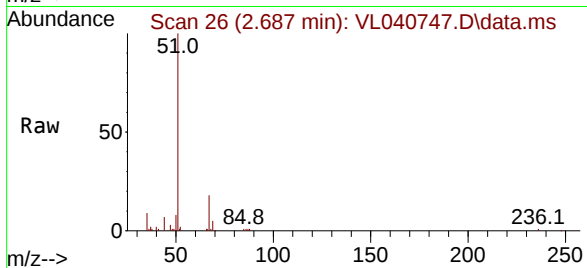
Tgt Ion: 85 Resp: 98437
Ion Ratio Lower Upper
85 100
87 33.7 27.2 40.8





#3
Chlorodifluoromethane
Concen: 0.550 ppbv
RT: 2.687 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

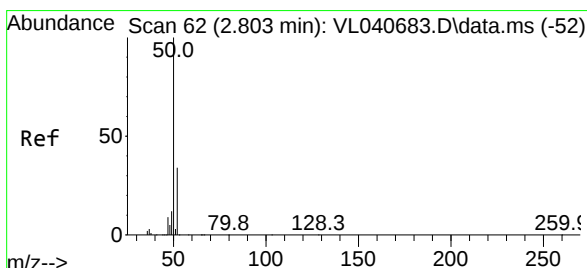
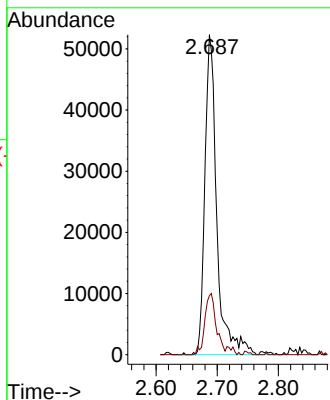
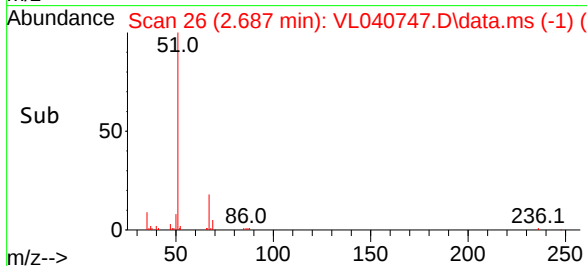
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ClientSampleId :
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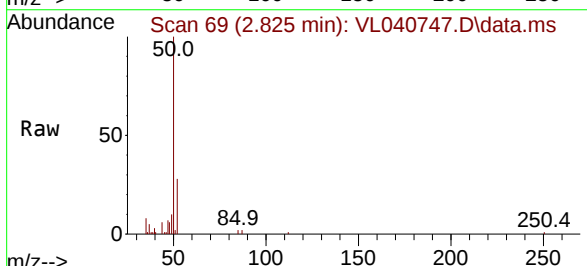
Tgt Ion: 51 Resp: 71220
Ion Ratio Lower Upper
51 100
67 19.5 16.7 25.1

Manual Integrations
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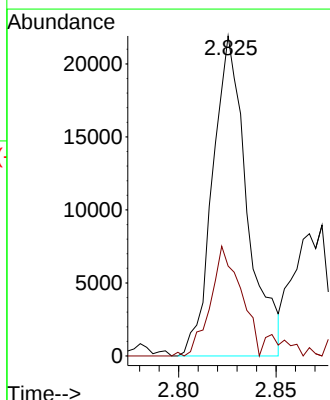
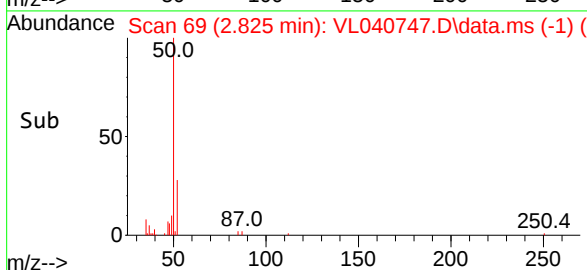
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Supervised By :Mahesh Dadoda 10/05/2023

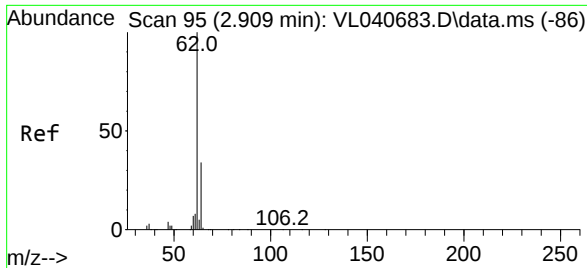


#4
Chloromethane
Concen: 0.544 ppbv
RT: 2.825 min Scan# 69
Delta R.T. 0.010 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33



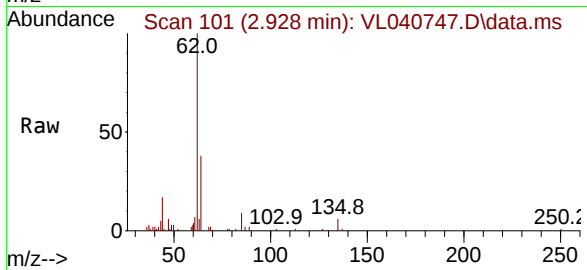
Tgt Ion: 50 Resp: 26943
Ion Ratio Lower Upper
50 100
52 26.9 27.1 40.7#





#5
 Vinyl Chloride
 Concen: 0.447 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.003 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

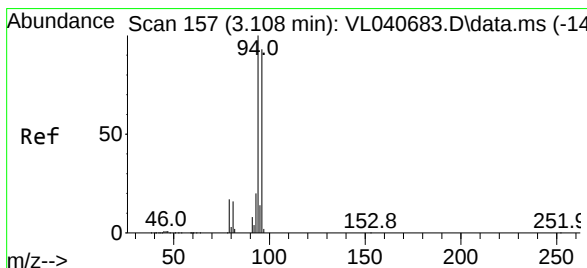
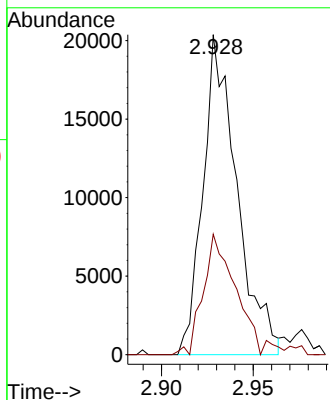
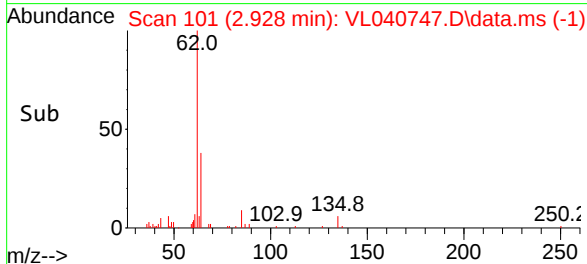
Instrument :
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 LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 62 Resp: 26192
 Ion Ratio Lower Upper
 62 100
 64 36.7 27.2 40.8

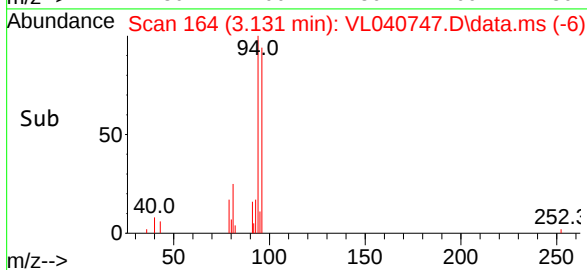
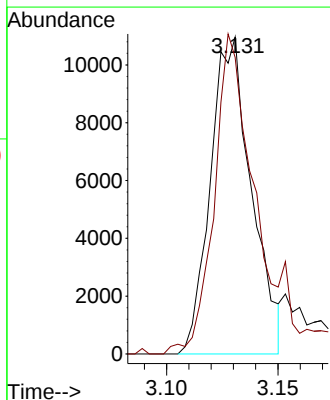
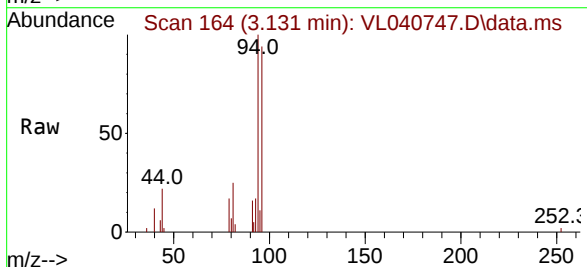
Manual Integrations
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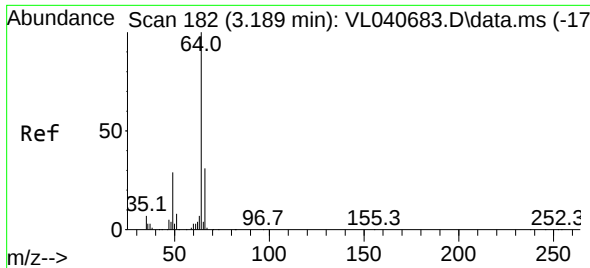
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#6
 Bromomethane
 Concen: 0.496 ppbv
 RT: 3.131 min Scan# 164
 Delta R.T. 0.007 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

Tgt Ion: 94 Resp: 14028
 Ion Ratio Lower Upper
 94 100
 96 90.5 74.4 111.6





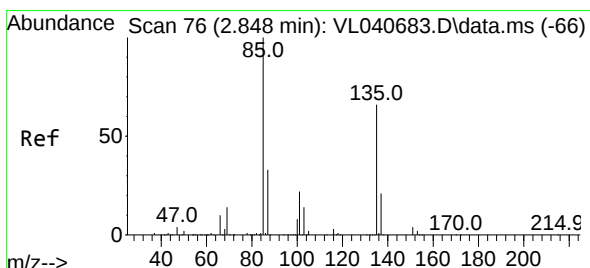
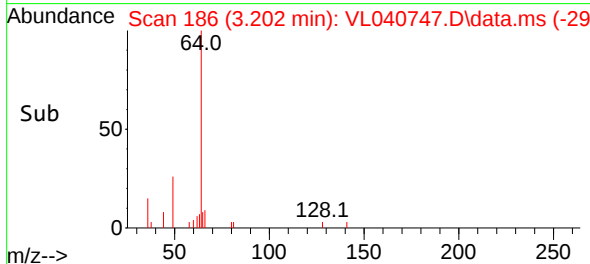
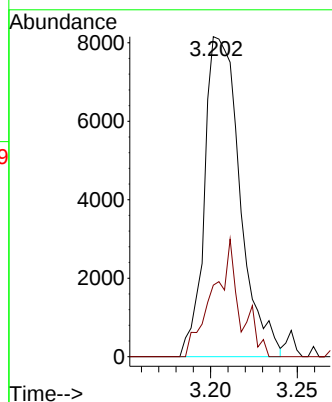
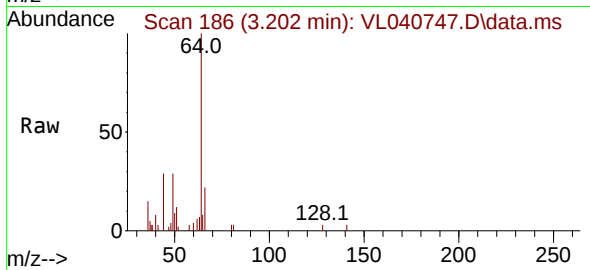
#7
Chloroethane
Concen: 0.576 ppbv
RT: 3.202 min Scan# 11590
Delta R.T. 0.003 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 64 Resp: 11590
Ion Ratio Lower Upper
64 100
66 20.7 24.5 36.7

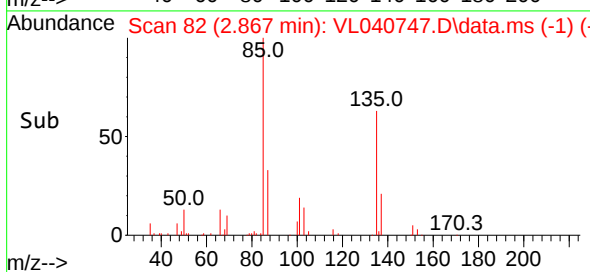
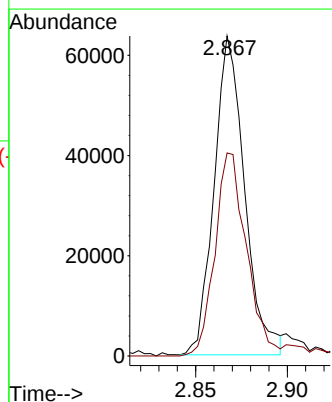
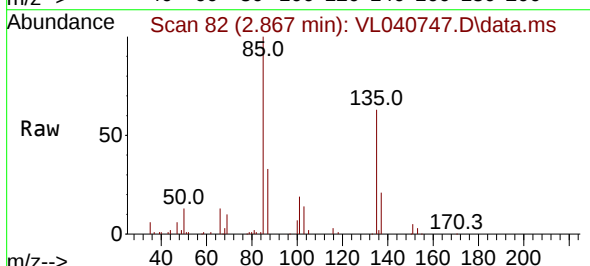
Manual Integrations
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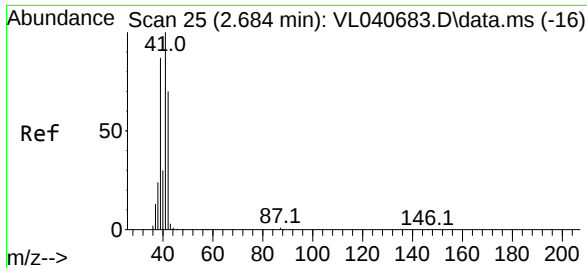
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#8
Dichlorotetrafluoroethane
Concen: 0.509 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.007 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

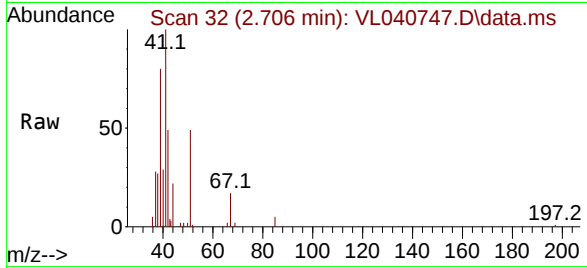
Tgt Ion: 85 Resp: 73650
Ion Ratio Lower Upper
85 100
135 70.4 53.4 80.2





#9
 Propene
 Concen: 0.471 ppbv
 RT: 2.706 min Scan# 31
 Delta R.T. 0.010 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

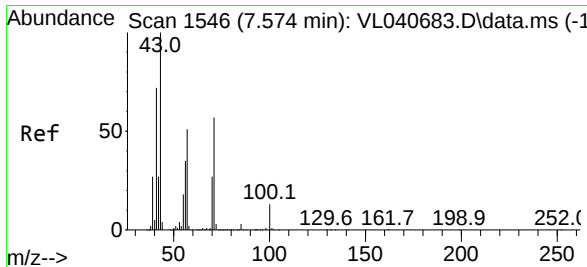
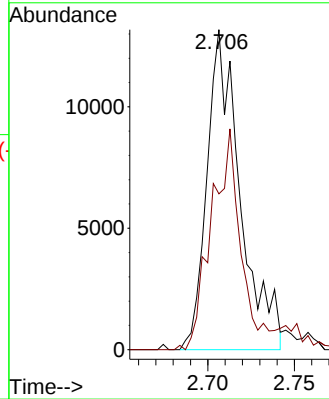
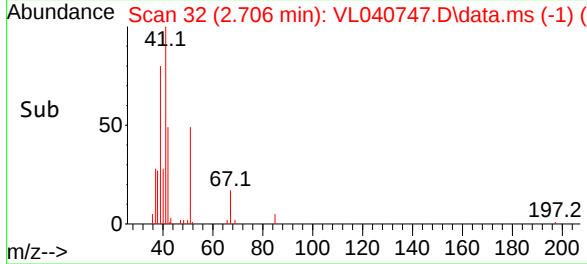
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Tgt Ion: 41 Resp: 17560
 Ion Ratio Lower Upper
 41 100
 42 68.9 56.7 85.1

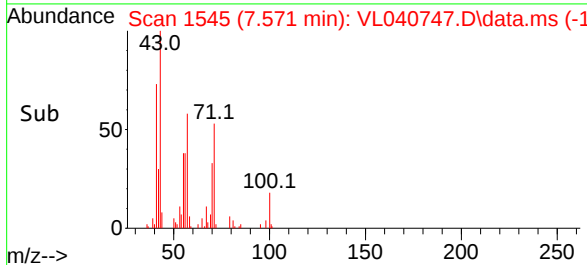
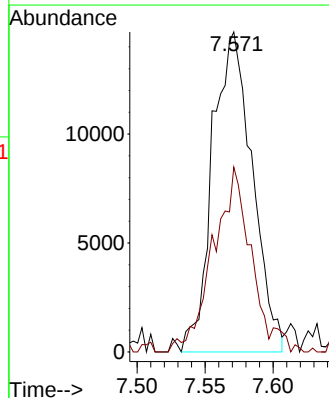
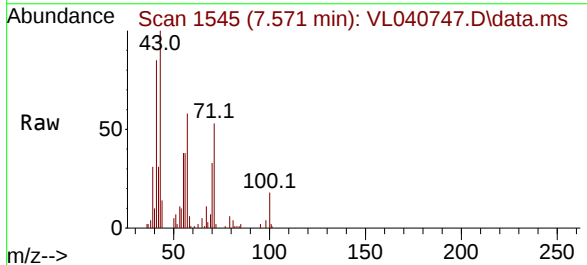
Manual Integrations
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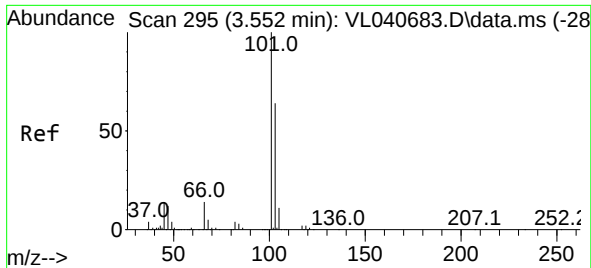
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#10
 Heptane
 Concen: 0.355 ppbv m
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.016 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

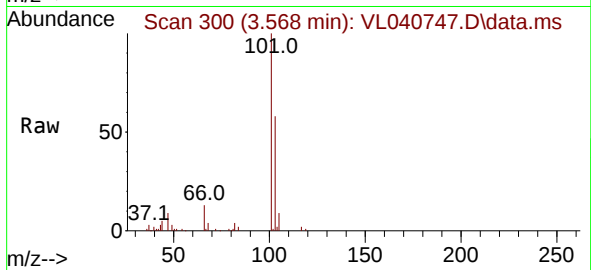
Tgt Ion: 43 Resp: 29866
 Ion Ratio Lower Upper
 43 100
 57 55.4 41.8 62.6





#11
 Trichlorofluoromethane
 Concen: 0.561 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. 0.000 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

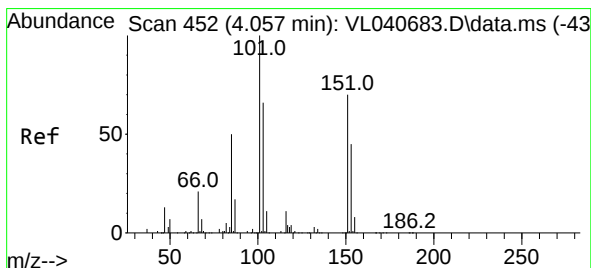
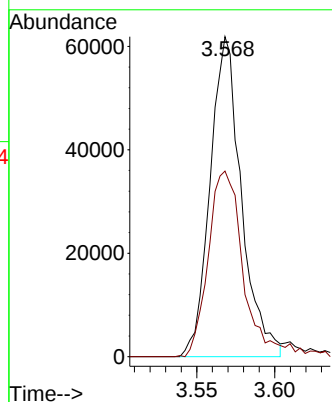
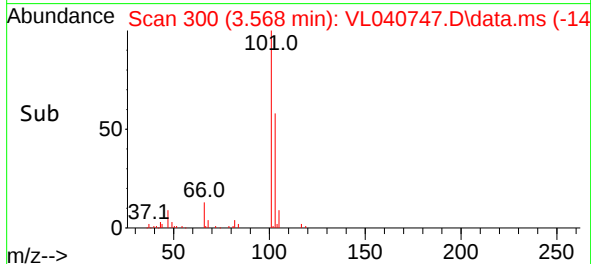
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023



Tgt Ion:101 Resp: 8632
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.3 76.9

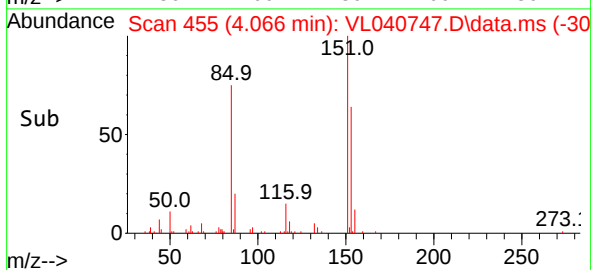
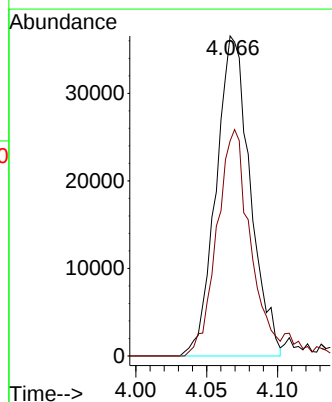
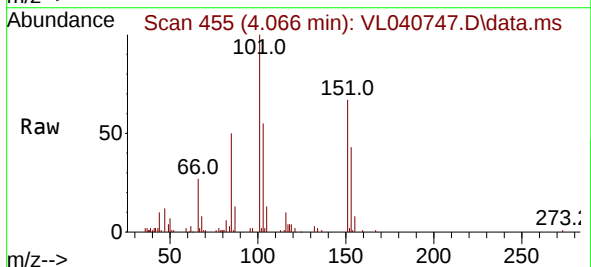
Manual Integrations
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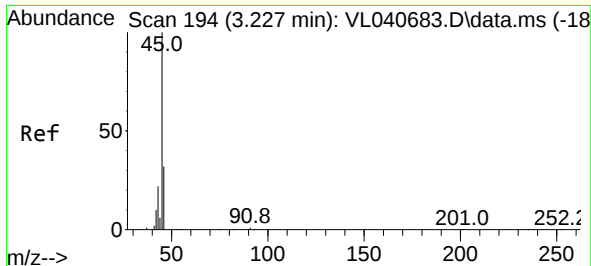
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.557 ppbv
 RT: 4.066 min Scan# 455
 Delta R.T. -0.006 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

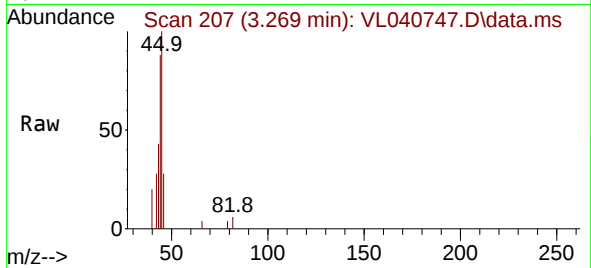
Tgt Ion:101 Resp: 61318
 Ion Ratio Lower Upper
 101 100
 151 73.5 56.8 85.2





#13
Ethanol
Concen: 0.607 ppbv m
RT: 3.269 min Scan# 207
Delta R.T. 0.026 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

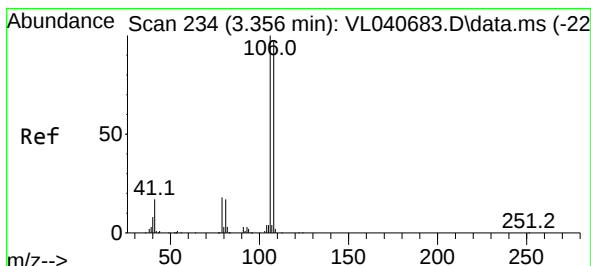
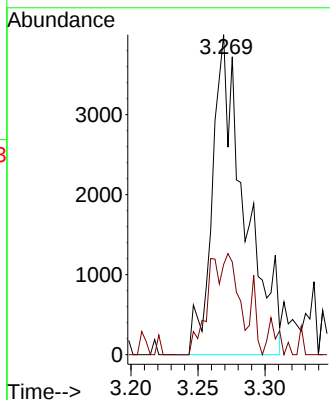
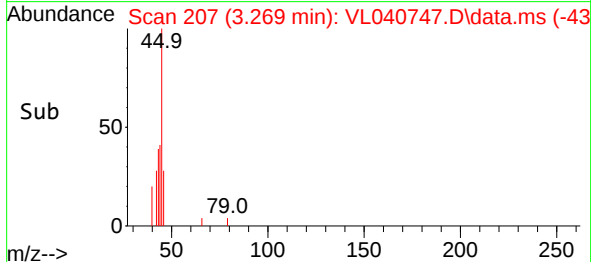
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



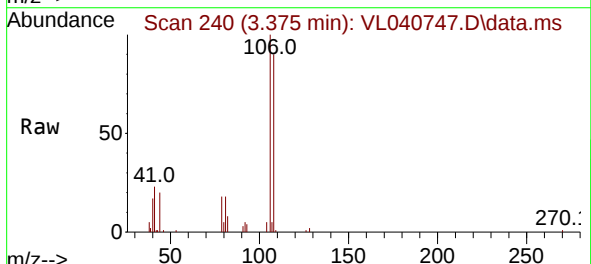
Tgt Ion: 45 Resp: 669
Ion Ratio Lower Upper
45 100
46 33.0 15.2 61.0

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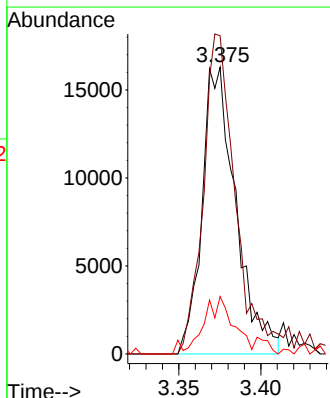
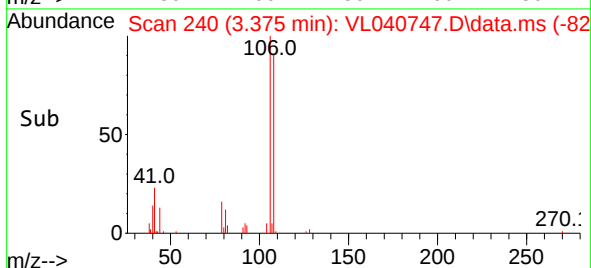
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

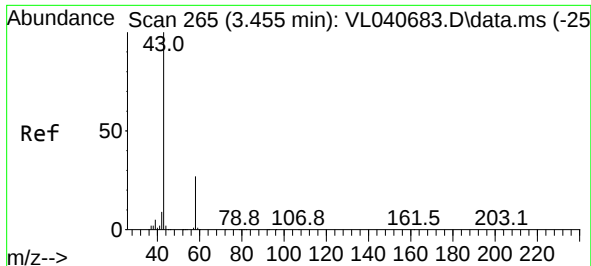


#14
Bromoethene
Concen: 0.506 ppbv
RT: 3.375 min Scan# 240
Delta R.T. 0.007 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33



Tgt Ion:108 Resp: 23353
Ion Ratio Lower Upper
108 100
106 112.6 86.0 129.0
79 21.9 15.6 23.4





#15

Acetone

Concen: 0.650 ppbv

RT: 3.491 min Scan# 21

Delta R.T. 0.019 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 43 Resp: 68139

Ion Ratio Lower Upper

43 100

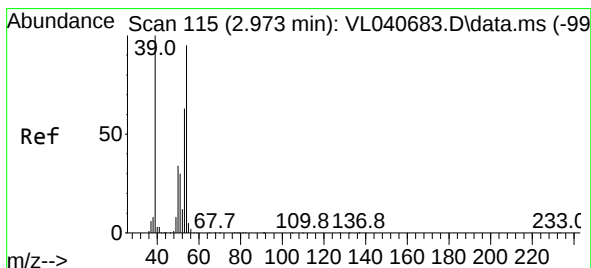
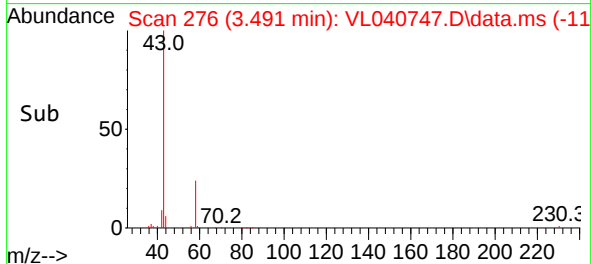
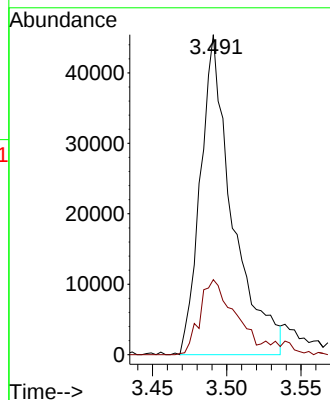
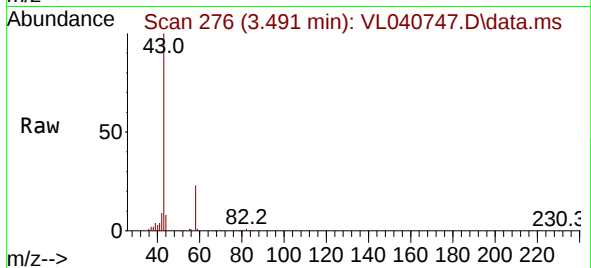
58 29.2 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#16

1,3-Butadiene

Concen: 0.466 ppbv m

RT: 2.996 min Scan# 122

Delta R.T. 0.007 min

Lab File: VL040747.D

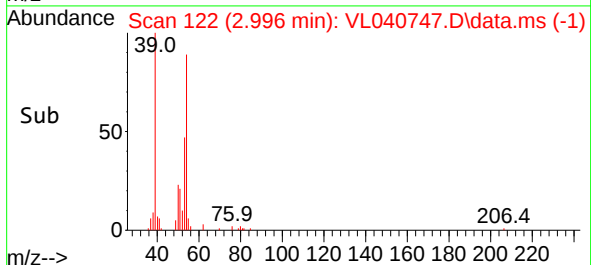
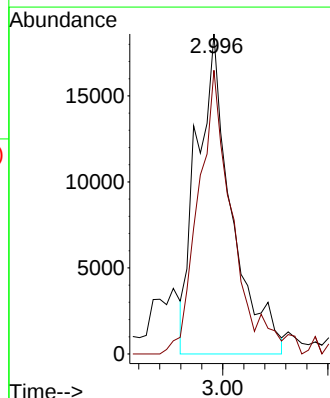
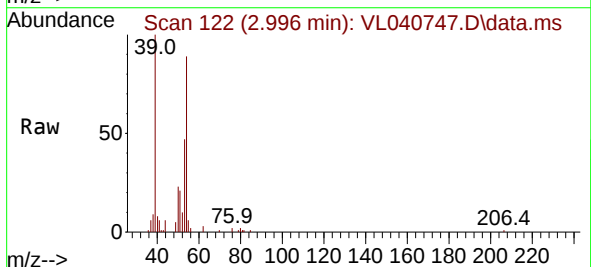
Acq: 4 Oct 2023 19:33

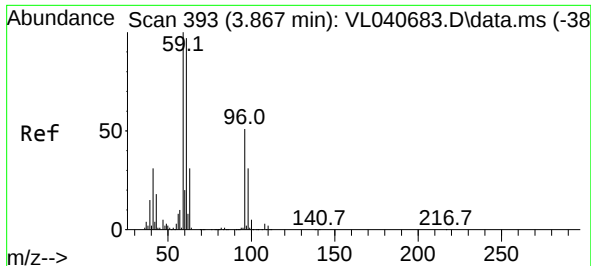
Tgt Ion: 39 Resp: 21271

Ion Ratio Lower Upper

39 100

54 0.0 64.8 97.2#





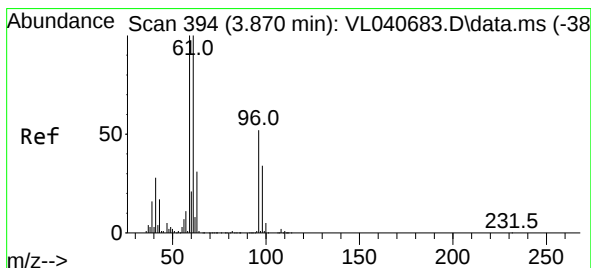
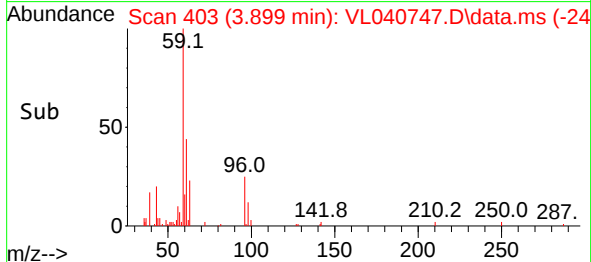
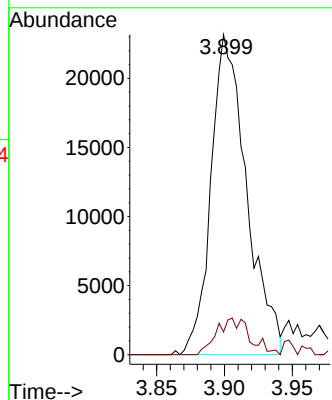
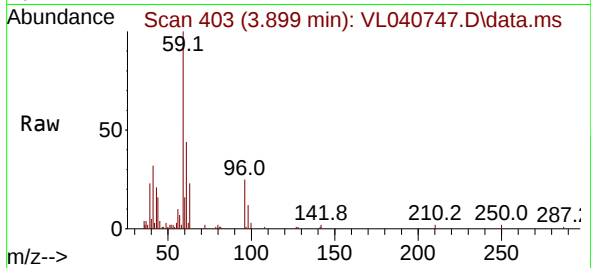
#17
tert-Butyl alcohol
Concen: 0.394 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.016 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 59 Resp: 42312
Ion Ratio Lower Upper
59 100
57 13.0 8.7 13.1

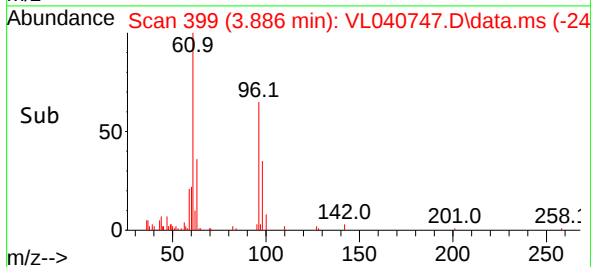
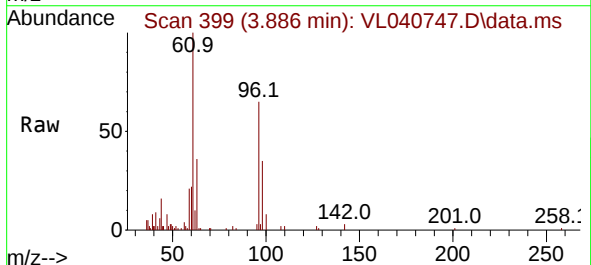
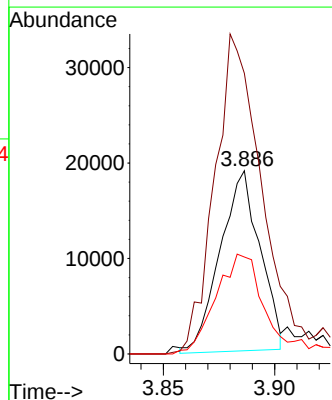
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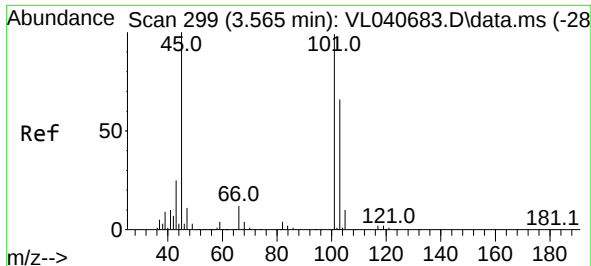
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#18
1,1-Dichloroethene
Concen: 0.481 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.003 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Tgt Ion: 96 Resp: 23540
Ion Ratio Lower Upper
96 100
61 157.0 153.6 230.4
98 52.7 51.9 77.9





#19

Isopropyl Alcohol

Concen: 0.426 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.019 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023

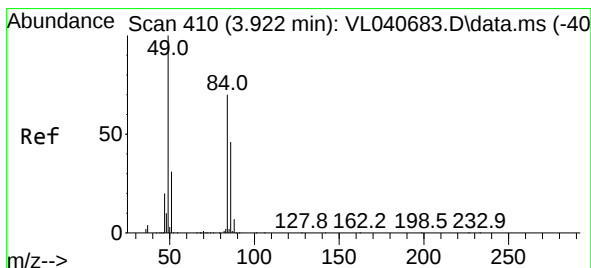
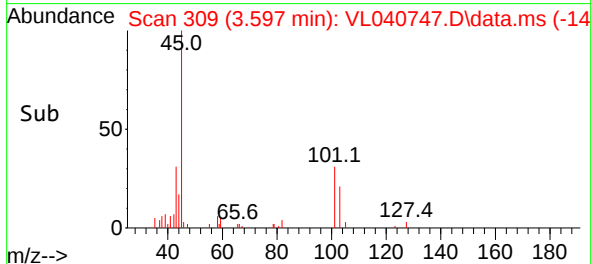
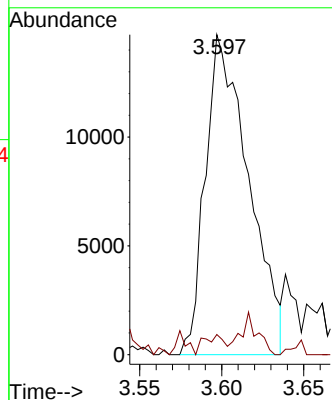
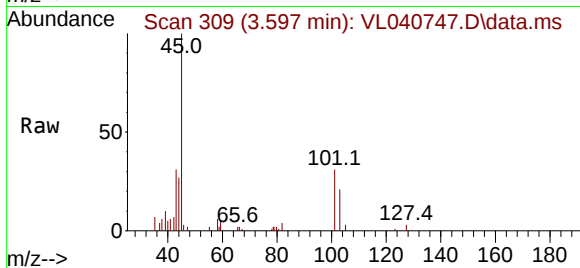
Tgt Ion: 45 Resp: 26910

Ion	Ratio	Lower	Upper
45	100		
58	9.2	1.9	2.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#20

Methylene Chloride

Concen: 0.625 ppbv

RT: 3.935 min Scan# 414

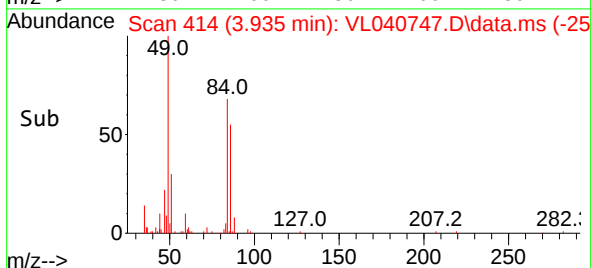
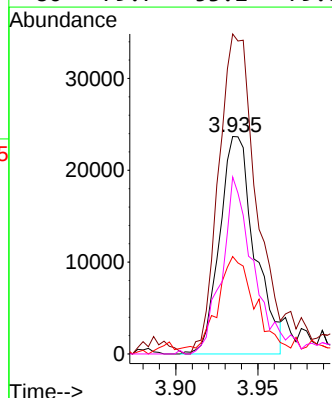
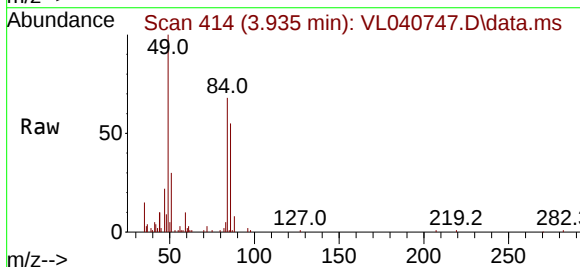
Delta R.T. -0.003 min

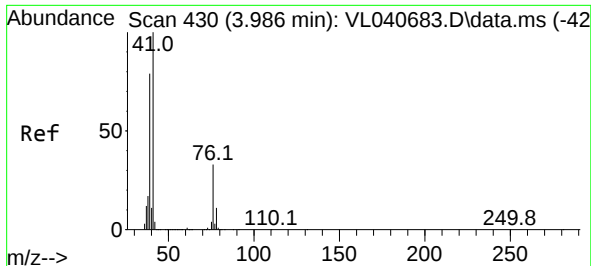
Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Tgt Ion: 84 Resp: 35246

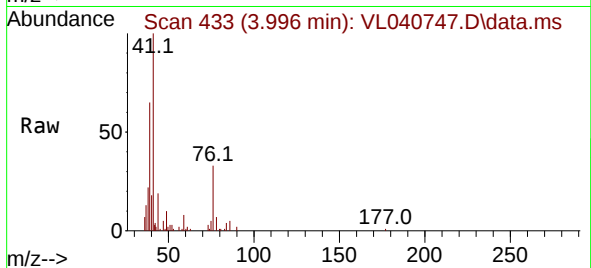
Ion	Ratio	Lower	Upper
84	100		
49	145.9	114.4	171.6
51	42.3	35.5	53.3
86	79.7	53.2	79.8





#21
 Allyl Chloride
 Concen: 0.511 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

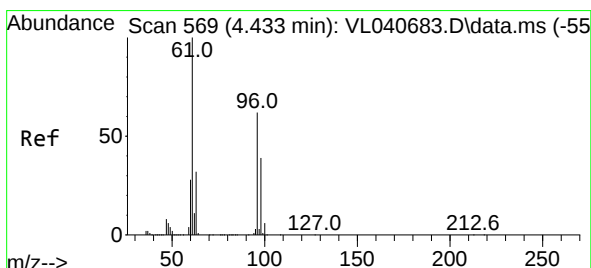
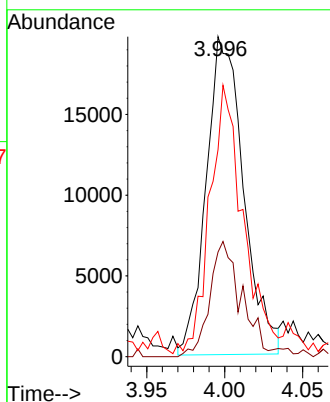
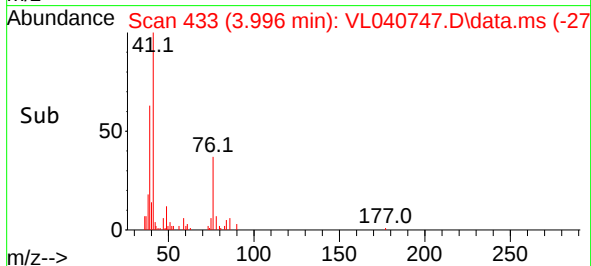
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 41 Resp: 32814
 Ion Ratio Lower Upper
 41 100
 76 32.8 26.6 40.0
 39 88.6 65.0 97.4

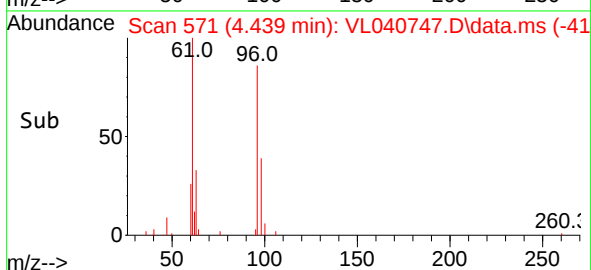
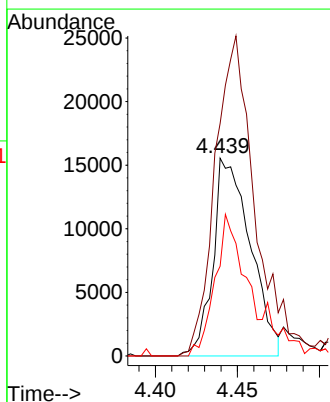
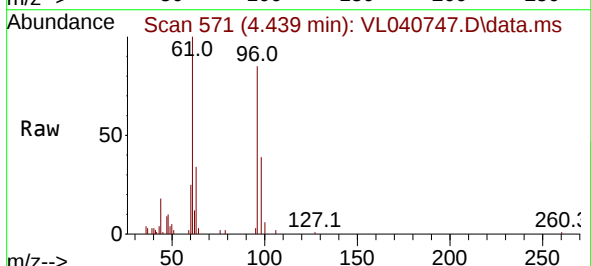
Manual Integrations
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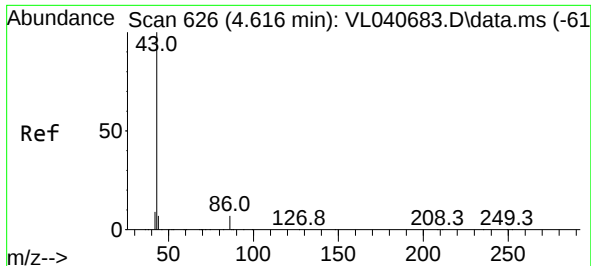
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.507 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.013 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

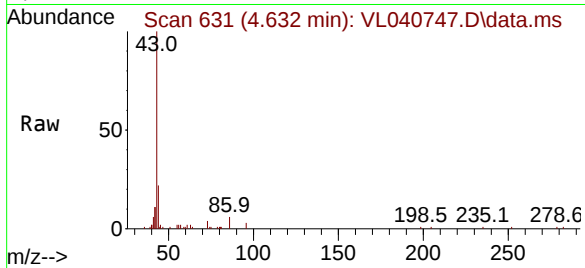
Tgt Ion: 96 Resp: 24556
 Ion Ratio Lower Upper
 96 100
 61 117.6 129.9 194.9#
 98 45.4 50.2 75.4#





#23
 Vinyl Acetate
 Concen: 0.456 ppbv
 RT: 4.632 min Scan# 610
 Delta R.T. 0.000 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

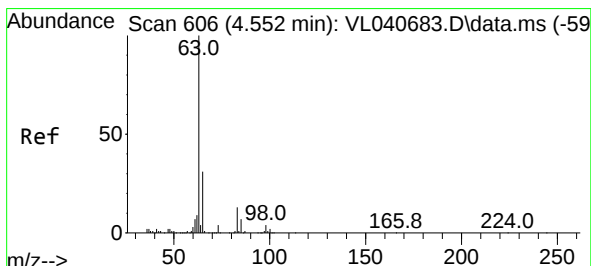
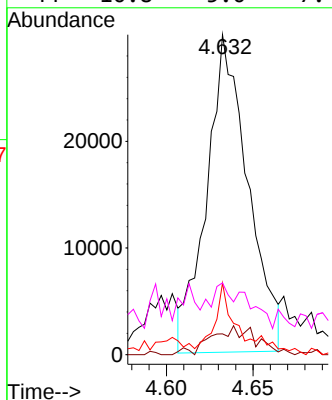
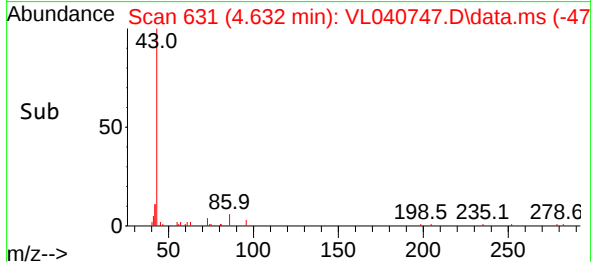
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023



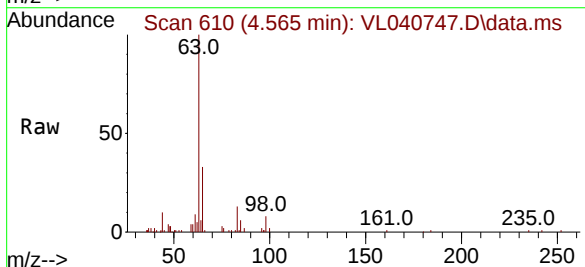
Tgt Ion: 43 Resp: 49470
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.6 8.4
 42 24.1 7.6 11.4
 44 10.8 5.0 7.4

Manual Integrations
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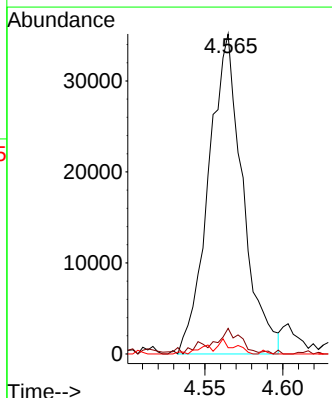
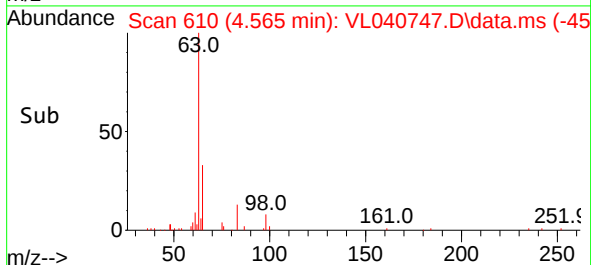
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023

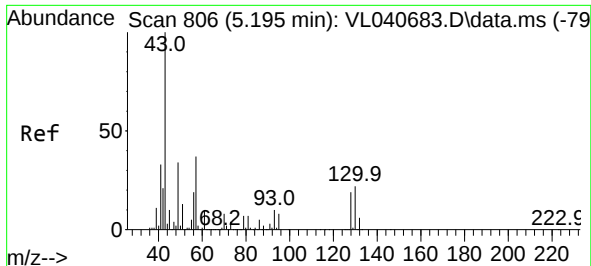


#24
 1,1-Dichloroethane
 Concen: 0.527 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33



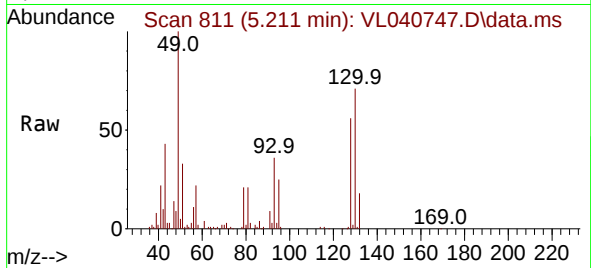
Tgt Ion: 63 Resp: 53451
 Ion Ratio Lower Upper
 63 100
 98 6.8 1.8 5.5
 100 2.0 1.2 3.6





#25
Ethyl Acetate
Concen: 0.441 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.000 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

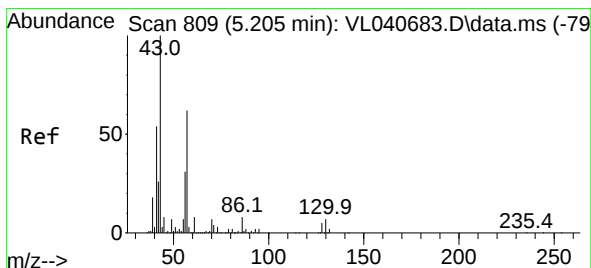
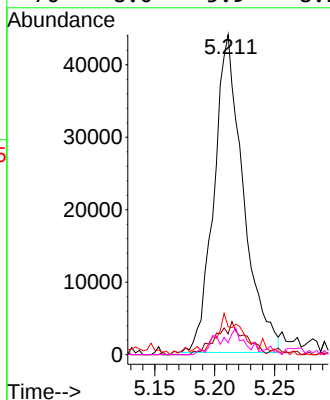
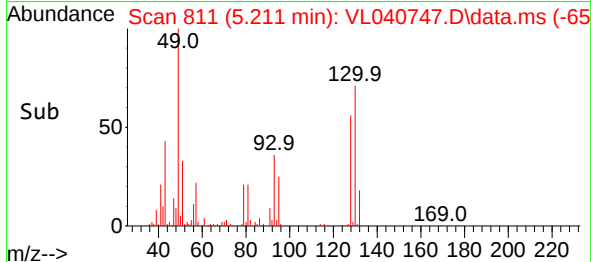
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 43	Resp: 7456
Ion Ratio	Lower Upper
43 100	
45 11.2	8.2 12.4
61 13.2	8.2 12.4
70 8.0	5.9 8.9

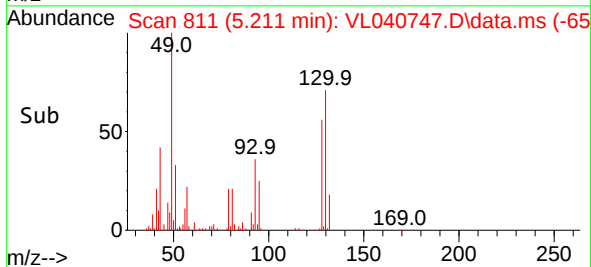
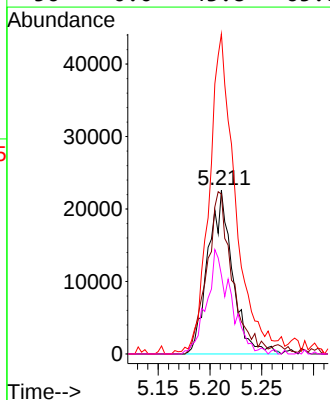
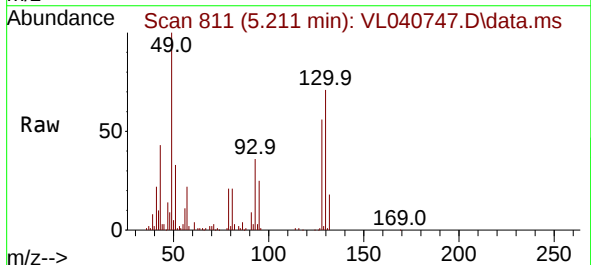
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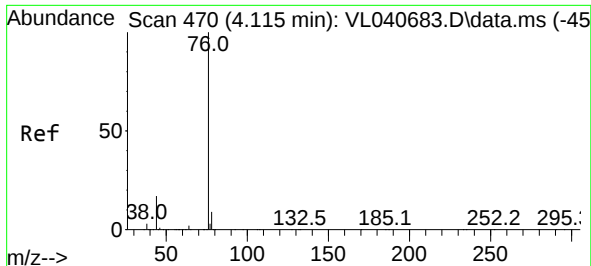
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#26
Hexane
Concen: 0.465 ppbv m
RT: 5.211 min Scan# 811
Delta R.T. -0.010 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

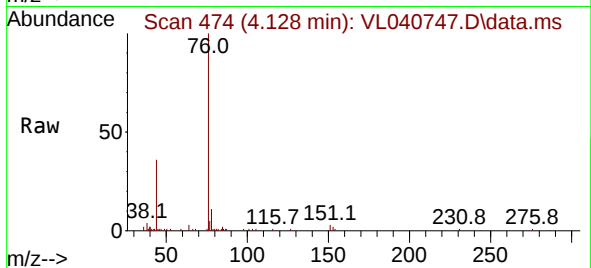
Tgt Ion: 57	Resp: 37166
Ion Ratio	Lower Upper
57 100	
41 108.0	75.2 112.8
43 211.4	185.6 278.4
56 0.0	43.8 65.8





#27
Carbon Disulfide
Concen: 0.477 ppbv
RT: 4.128 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

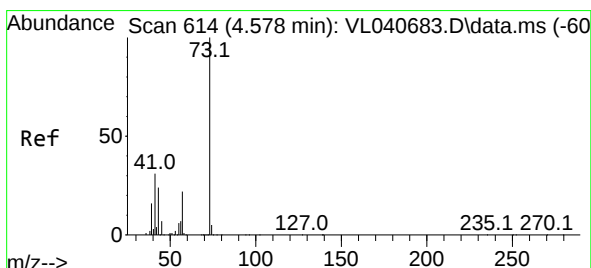
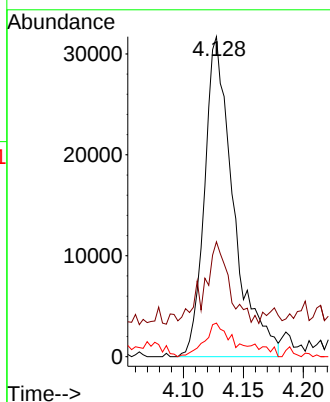
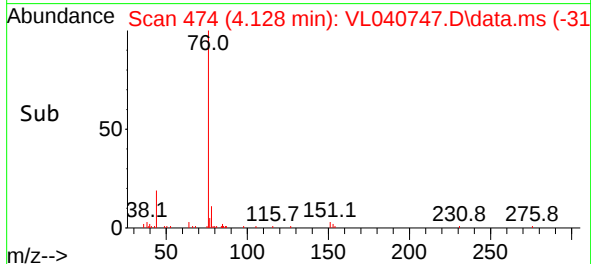
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 76 Resp: 5321
Ion Ratio Lower Upper
76 100
44 23.2 14.5 21.7
78 12.1 7.7 11.5

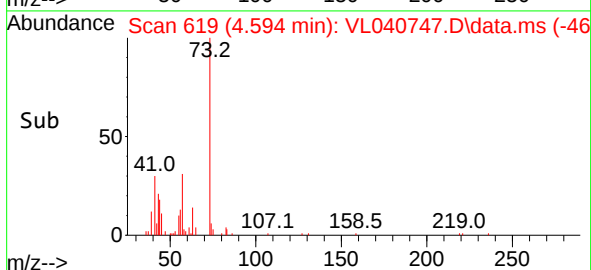
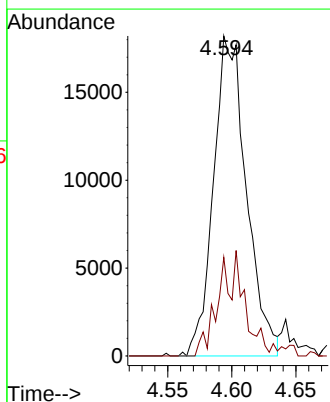
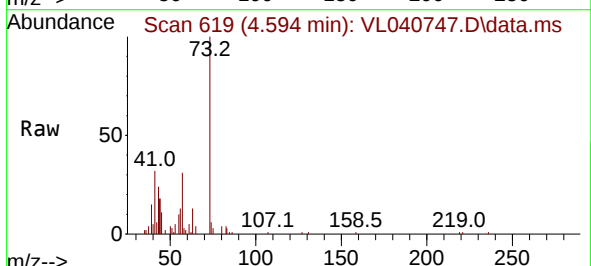
Manual Integrations
APPROVED

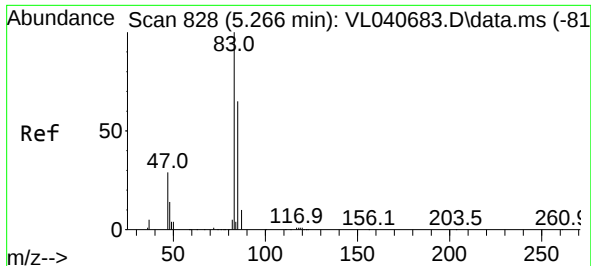
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#28
Methyl tert-Butyl Ether
Concen: 0.472 ppbv m
RT: 4.594 min Scan# 619
Delta R.T. 0.003 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Tgt Ion: 73 Resp: 32493
Ion Ratio Lower Upper
73 100
57 0.0 18.8 28.2#





#29

Chloroform

Concen: 0.501 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040747.D

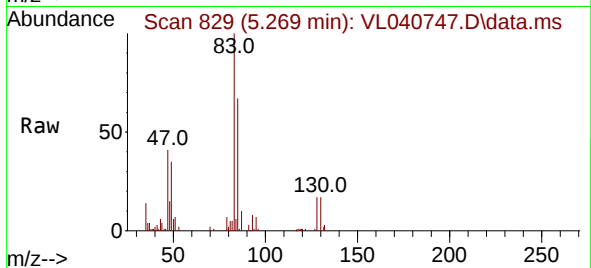
Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023

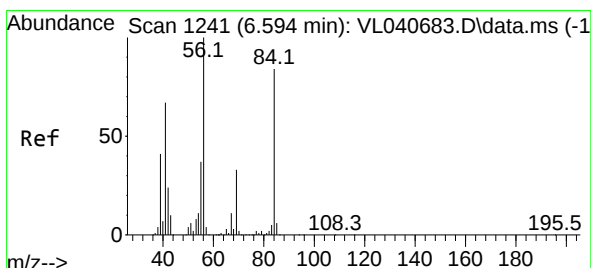
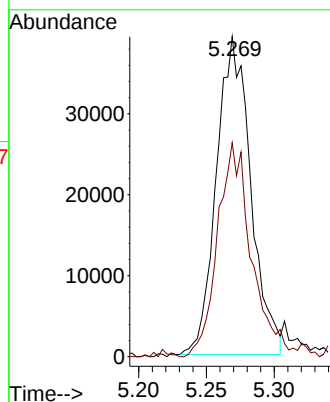
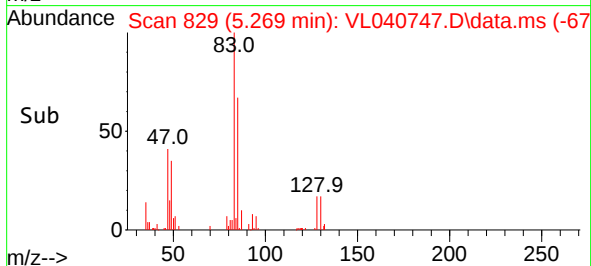


Tgt Ion:	83	Resp:	6909
Ion Ratio	100	Lower	Upper
83	100		
85	67.3	51.8	77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#30

Cyclohexane

Concen: 0.317 ppbv m

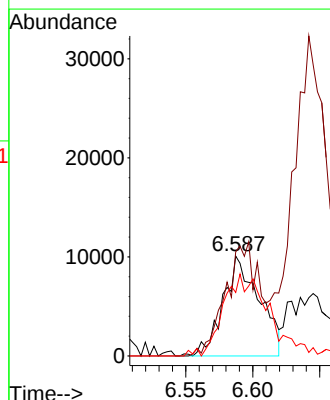
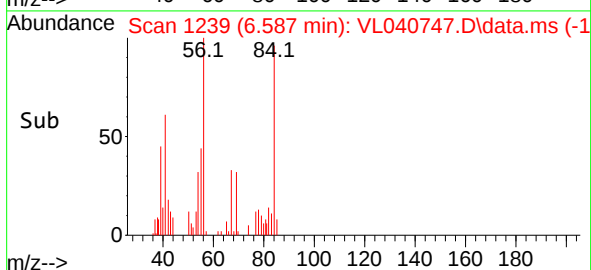
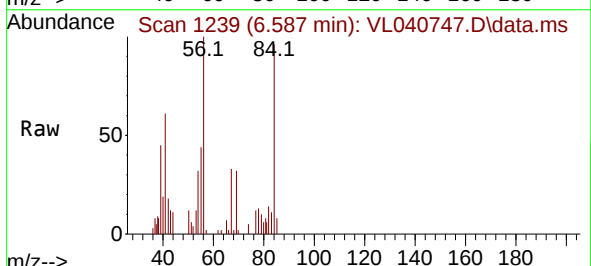
RT: 6.587 min Scan# 1239

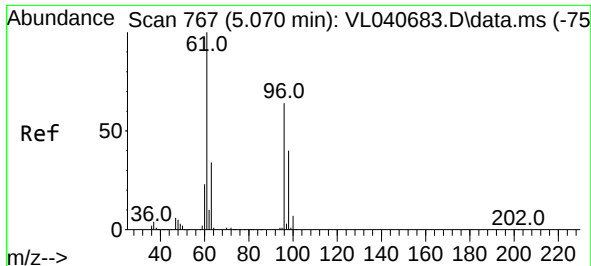
Delta R.T. -0.022 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

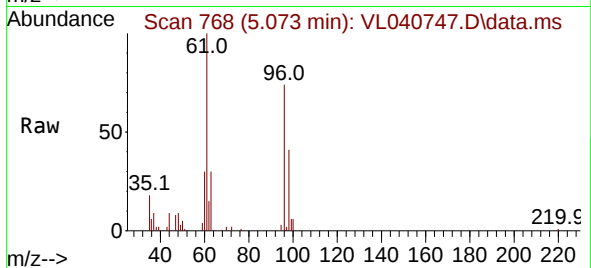
Tgt Ion:	84	Resp:	19071
Ion Ratio	100	Lower	Upper
84	100		
56	102.6	103.2	154.8#
41	105.3	65.5	98.3#





#31
 cis-1,2-Dichloroethene
 Concen: 0.431 ppbv
 RT: 5.073 min Scan# 767
 Delta R.T. -0.013 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

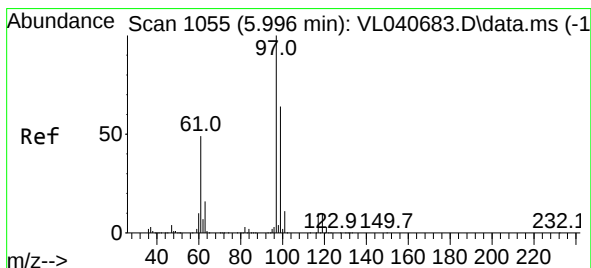
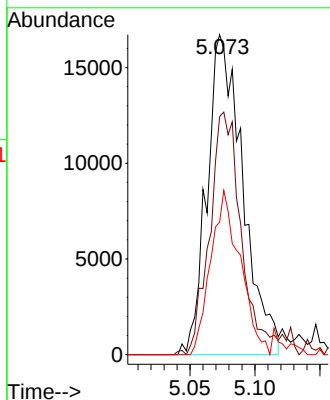
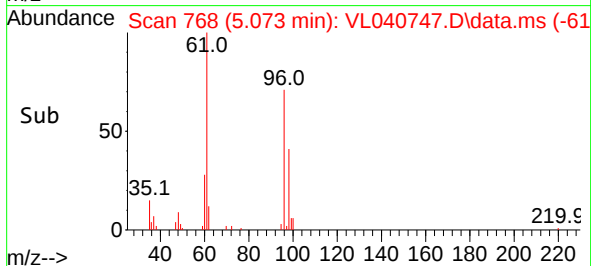
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 61 Resp: 31969
 Ion Ratio Lower Upper
 61 100
 96 73.4 51.2 76.8
 98 41.4 32.3 48.5

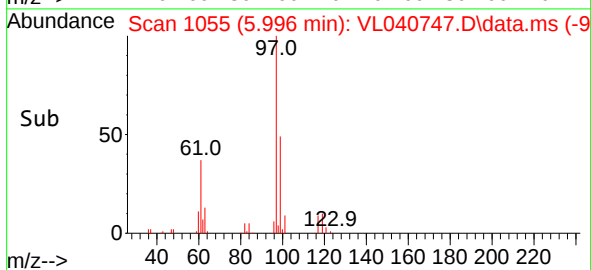
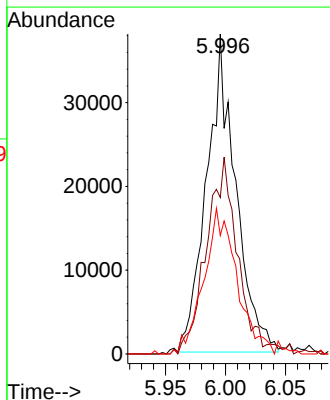
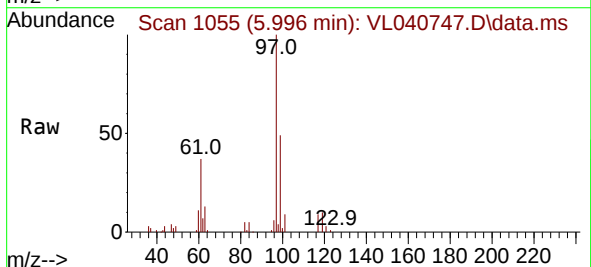
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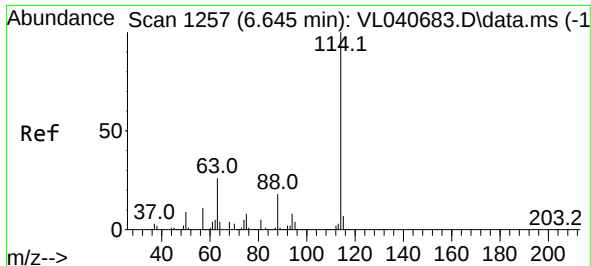
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.455 ppbv
 RT: 5.996 min Scan# 1055
 Delta R.T. -0.016 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

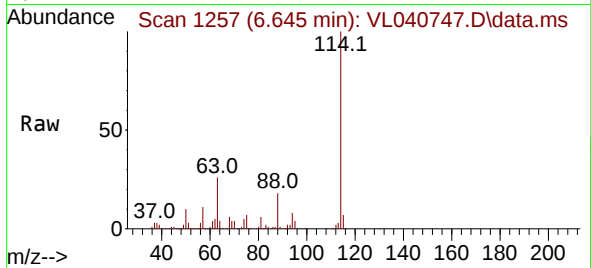
Tgt Ion: 97 Resp: 64238
 Ion Ratio Lower Upper
 97 100
 99 67.3 52.4 78.6
 61 53.0 40.2 60.4





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

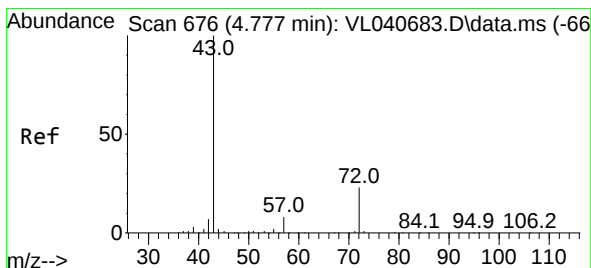
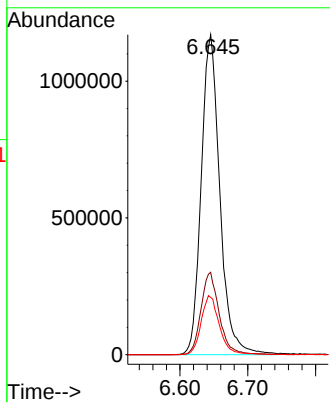
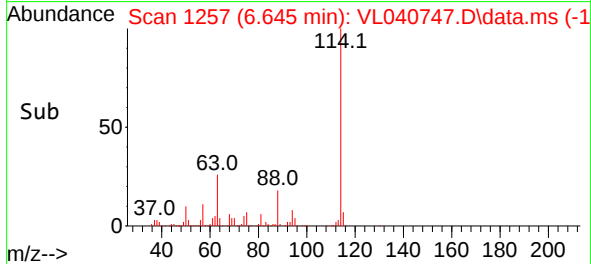
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion:114 Resp: 223386
Ion Ratio Lower Upper
114 100
63 25.5 21.1 31.7
88 18.1 14.5 21.7

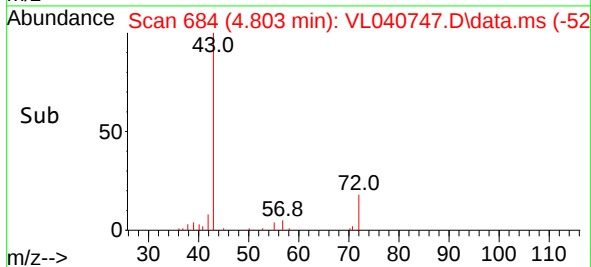
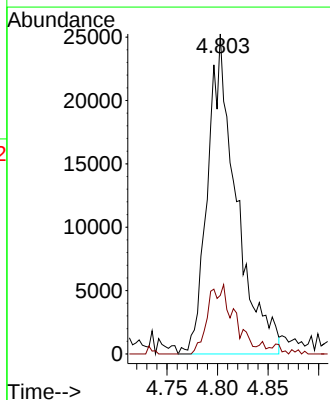
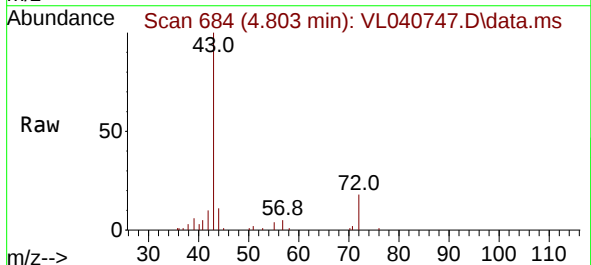
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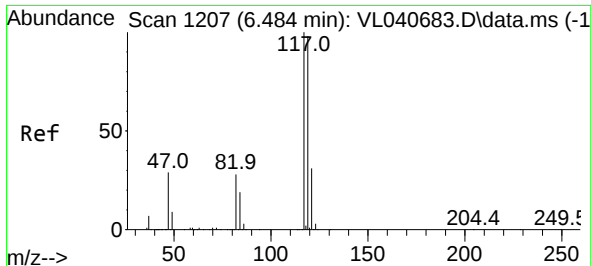
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#34
2-Butanone
Concen: 0.443 ppbv m
RT: 4.803 min Scan# 684
Delta R.T. 0.013 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

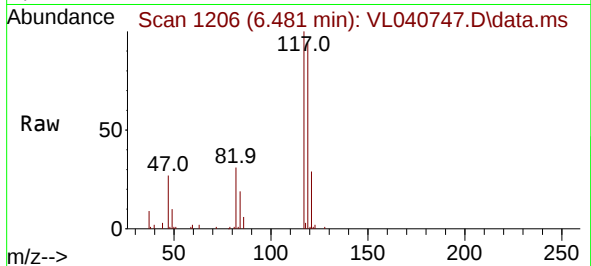
Tgt Ion: 43 Resp: 49755
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#





#35
Carbon Tetrachloride
Concen: 0.444 ppbv m
RT: 6.481 min Scan# 1170
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

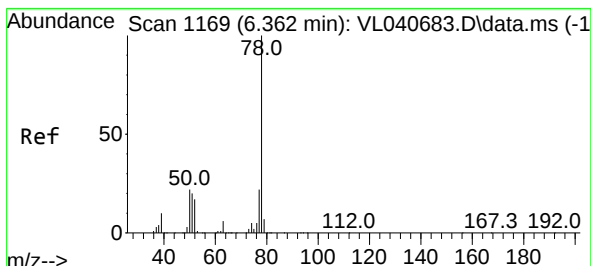
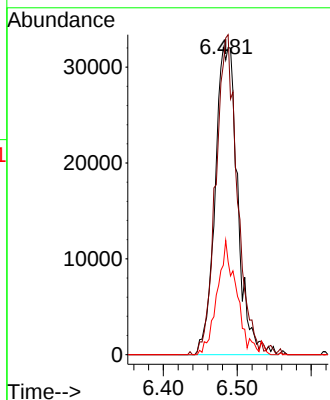
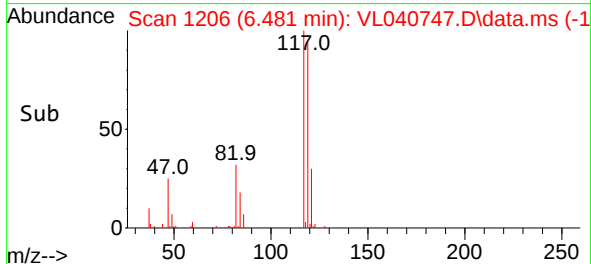
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion:117 Resp: 68164
Ion Ratio Lower Upper
117 100
119 94.4 78.6 117.8
121 29.1 24.7 37.1

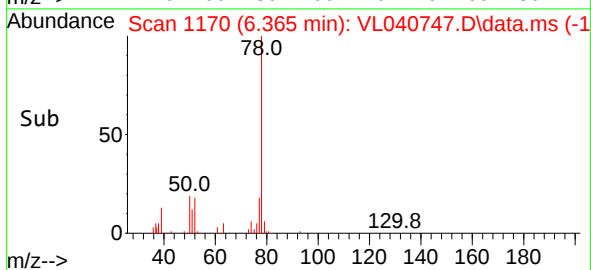
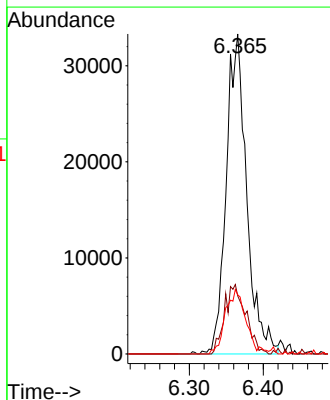
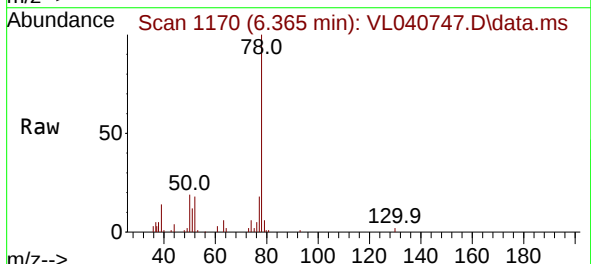
Manual Integrations
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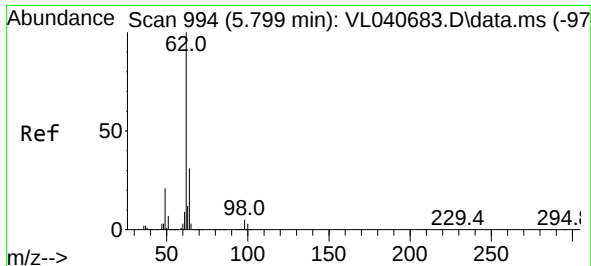
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#36
Benzene
Concen: 0.386 ppbv m
RT: 6.365 min Scan# 1170
Delta R.T. -0.016 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Tgt Ion: 78 Resp: 63832
Ion Ratio Lower Upper
78 100
77 18.2 17.9 26.9
50 18.5 17.3 25.9





#37

1,2-Dichloroethane

Concen: 0.426 ppbv m

RT: 5.806 min Scan# 994

Delta R.T. -0.010 min

Lab File: VL040747.D

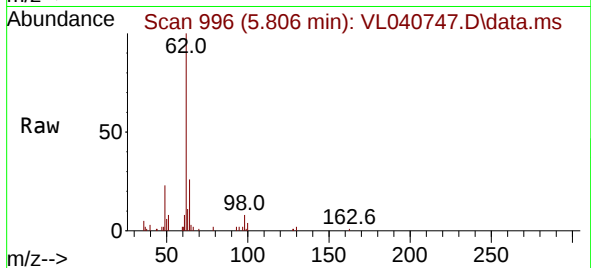
Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 62 Resp: 4820

Ion Ratio Lower Upper

62 100

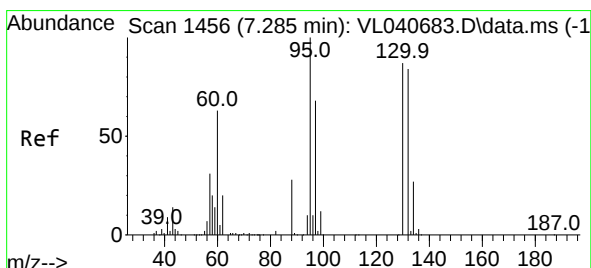
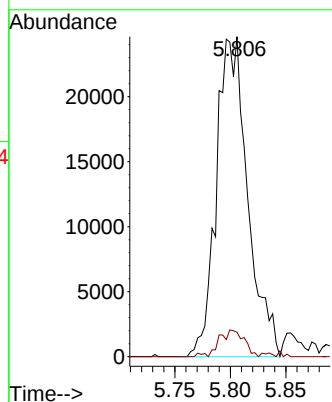
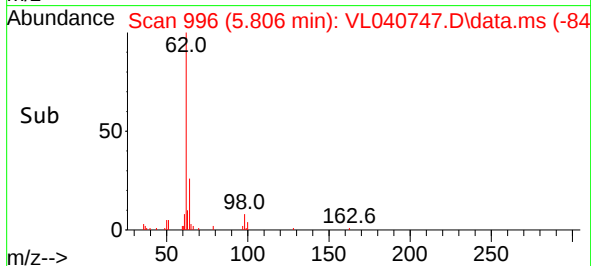
98 7.3 4.2 6.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#38

Trichloroethene

Concen: 0.407 ppbv m

RT: 7.282 min Scan# 1455

Delta R.T. -0.019 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Tgt Ion:130 Resp: 25668

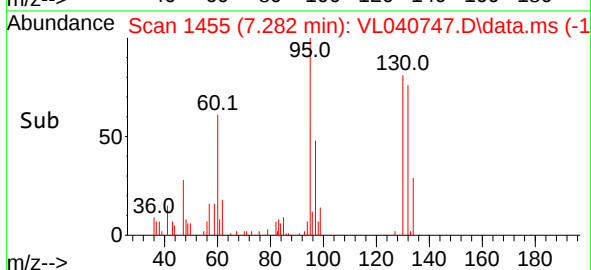
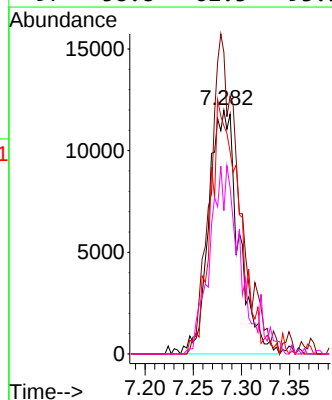
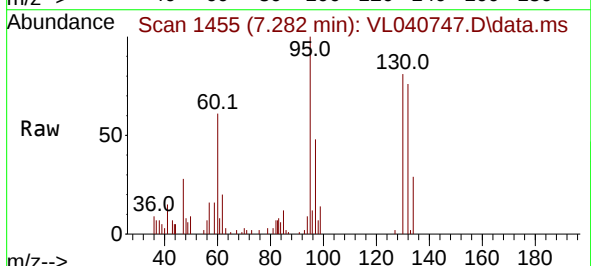
Ion Ratio Lower Upper

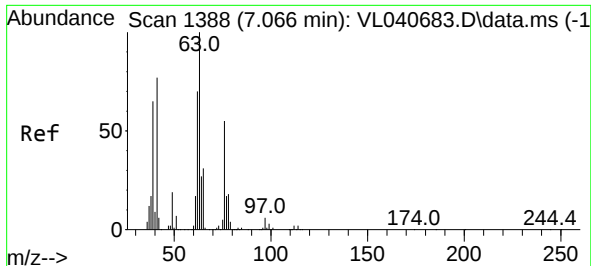
130 100

95 123.7 91.9 137.9

132 93.6 77.3 115.9

97 58.8 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.420 ppbv m

RT: 7.066 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL040747.D

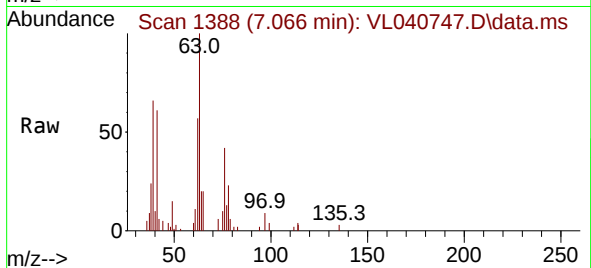
Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023

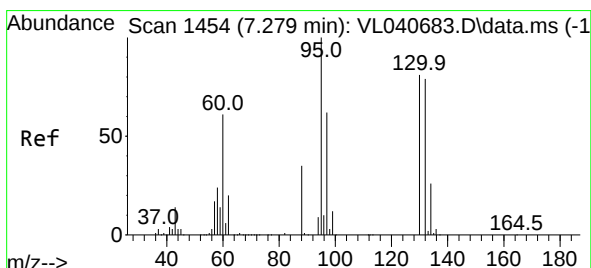
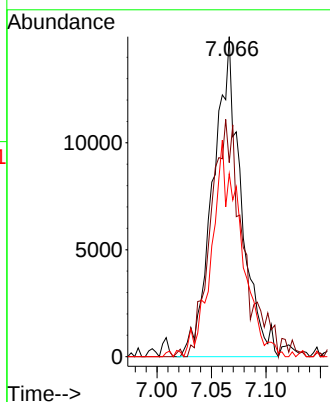
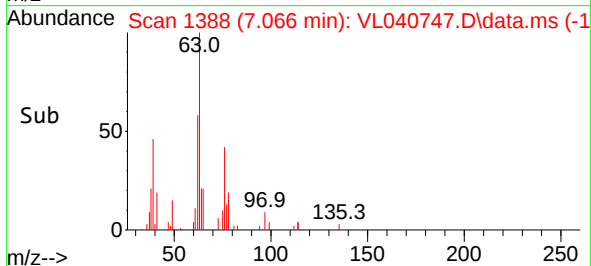


Tgt Ion:	63	Resp:	2675
Ion Ratio	100	Lower	Upper
63	100		
41	60.6	61.6	92.4
62	57.2	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#40

1,4-Dioxane

Concen: 0.257 ppbv m

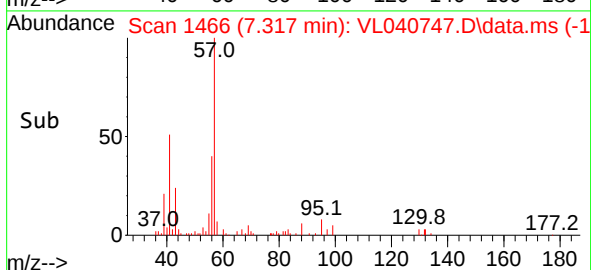
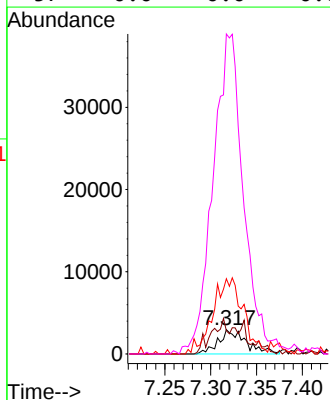
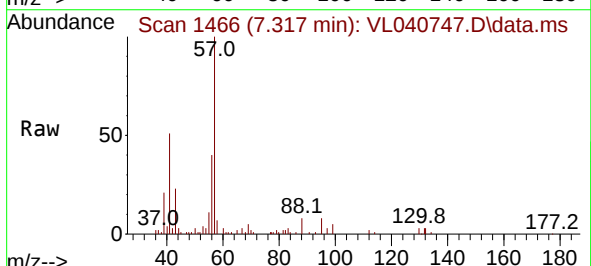
RT: 7.317 min Scan# 1466

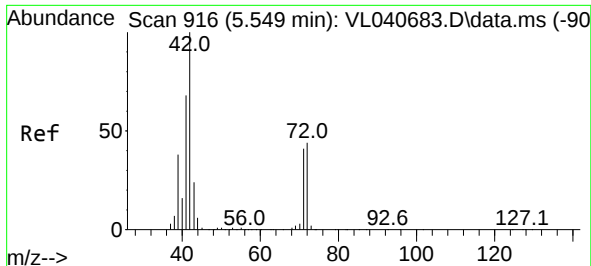
Delta R.T. 0.023 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

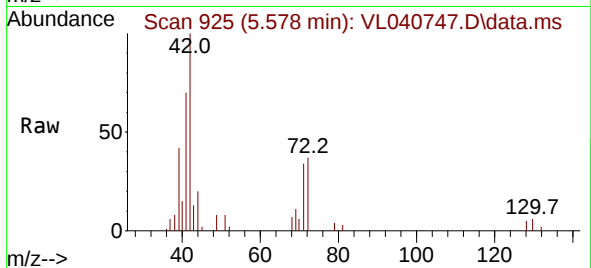
Tgt Ion:	88	Resp:	6190
Ion Ratio	100	Lower	Upper
88	100		
58	0.0	92.7	139.1
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.351 ppbv m
RT: 5.578 min Scan# 916
Delta R.T. 0.016 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

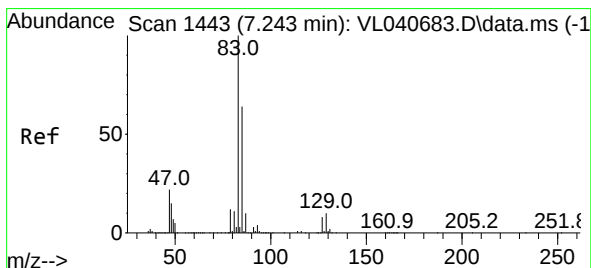
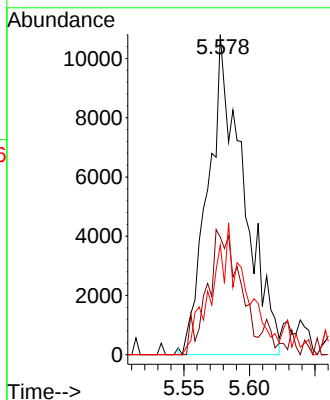
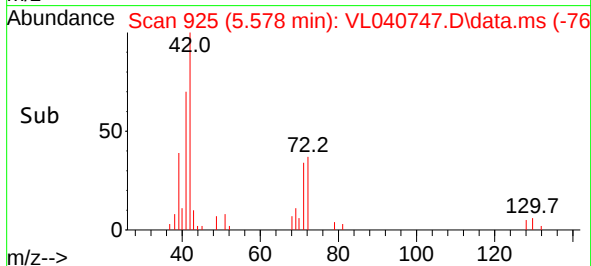
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



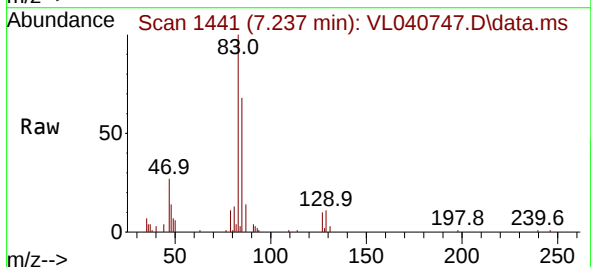
Tgt Ion: 42 Resp: 20230
Ion Ratio Lower Upper
42 100
72 41.1 34.9 52.3
71 0.0 33.8 50.8

Manual Integrations
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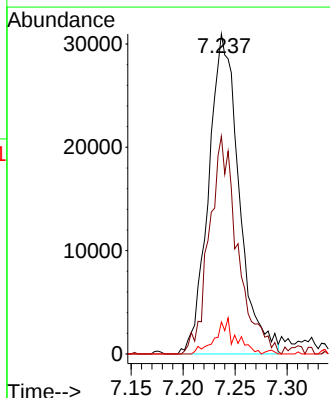
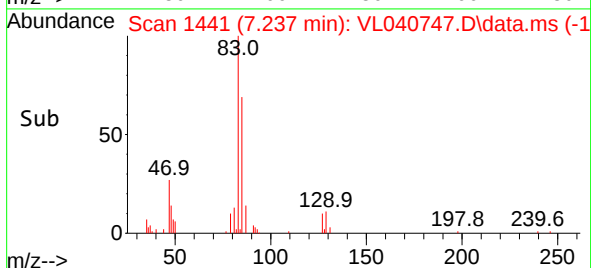
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

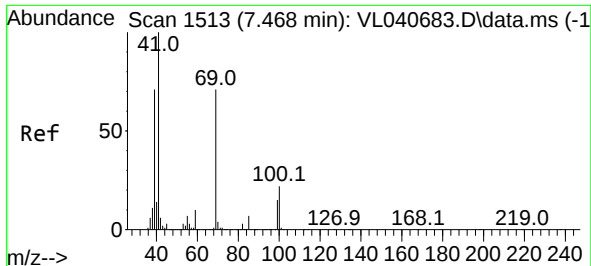


#42
Bromodichloromethane
Concen: 0.409 ppbv
RT: 7.237 min Scan# 1441
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33



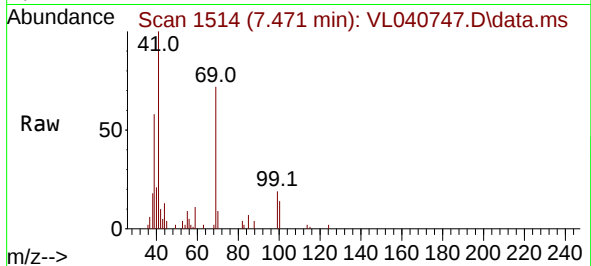
Tgt Ion: 83 Resp: 63194
Ion Ratio Lower Upper
83 100
85 68.0 51.2 76.8
127 10.0 6.2 9.4





#43
Methyl Methacrylate
Concen: 0.324 ppbv
RT: 7.471 min Scan# 1513
Delta R.T. -0.010 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

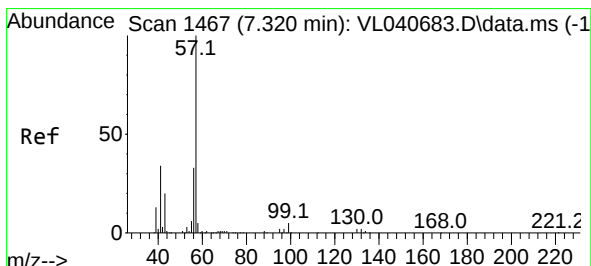
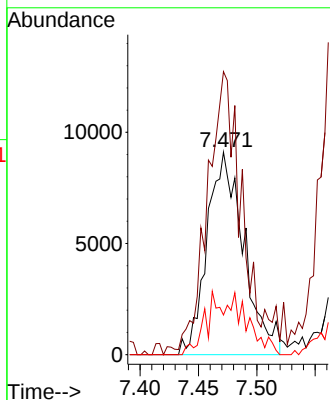
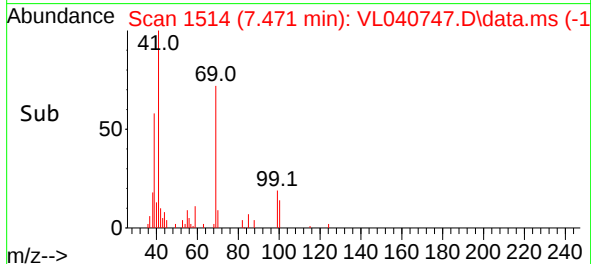
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 69 Resp: 19940
Ion Ratio Lower Upper
69 100
41 131.8 113.8 170.8
100 31.3 25.4 38.0

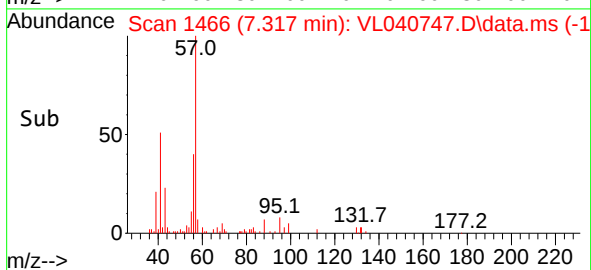
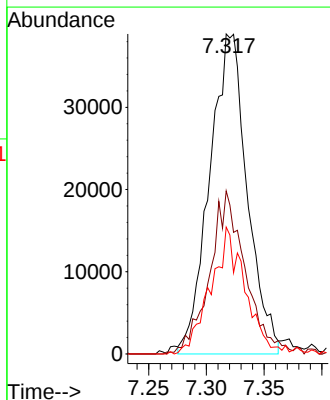
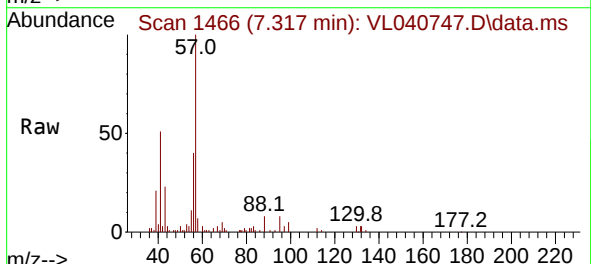
Manual Integrations
APPROVED

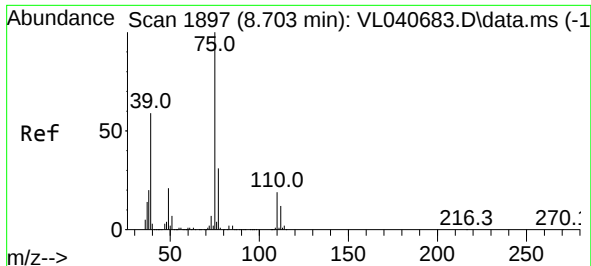
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#44
2,2,4-Trimethylpentane
Concen: 0.335 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

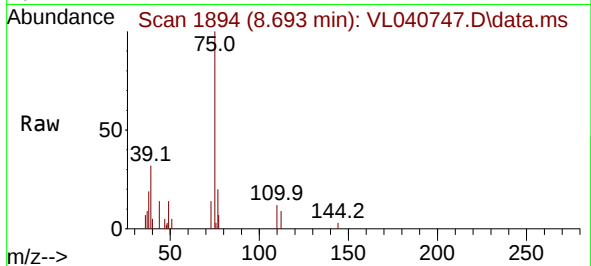
Tgt Ion: 57 Resp: 88361
Ion Ratio Lower Upper
57 100
41 48.7 28.5 42.7#
56 36.8 25.4 38.2





#45
t-1,3-Dichloropropene
Concen: 0.312 ppbv m
RT: 8.693 min Scan# 1718
Delta R.T. -0.029 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

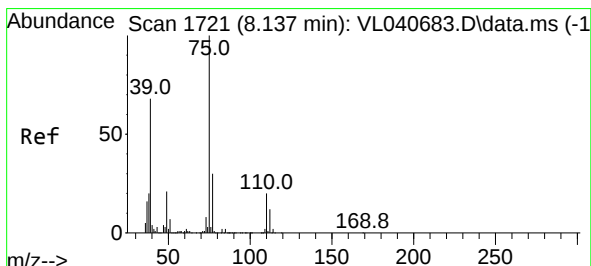
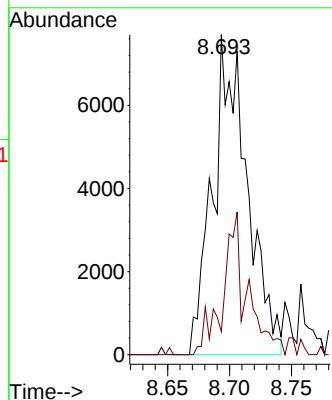
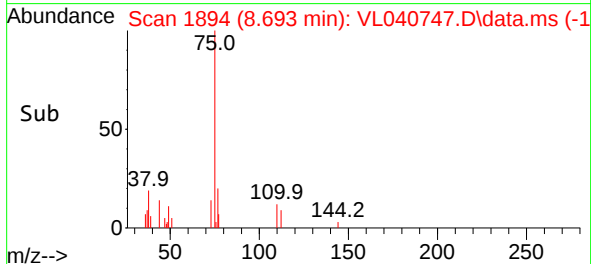
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 75 Resp: 14884
Ion Ratio Lower Upper
75 100
77 7.4 24.5 36.7

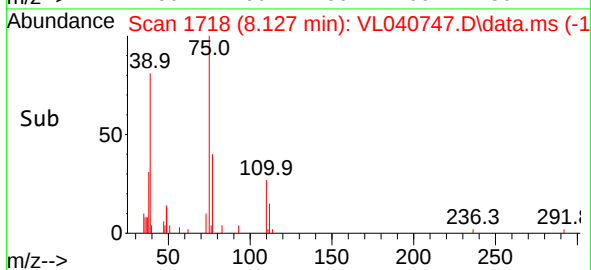
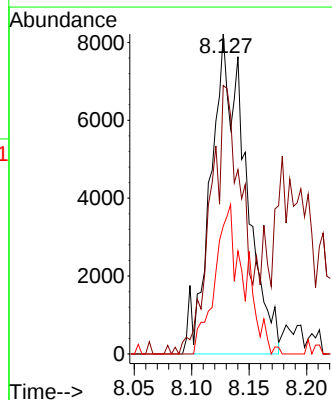
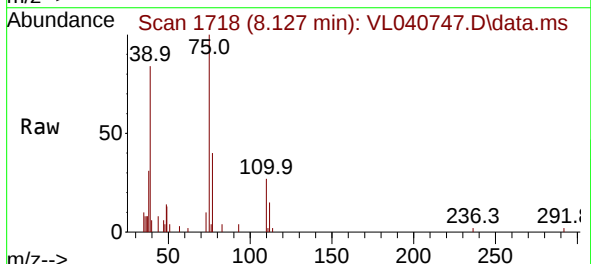
Manual Integrations
APPROVED

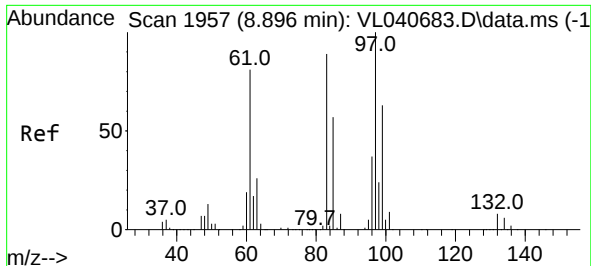
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#46
cis-1,3-Dichloropropene
Concen: 0.298 ppbv m
RT: 8.127 min Scan# 1718
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

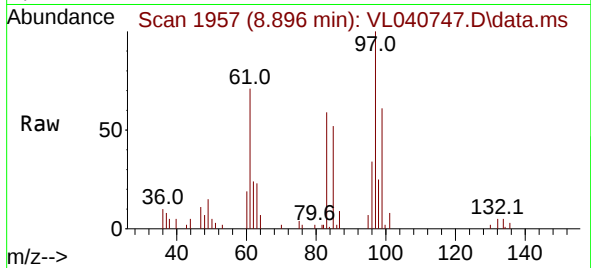
Tgt Ion: 75 Resp: 17381
Ion Ratio Lower Upper
75 100
39 83.9 54.0 81.0#
77 40.0 23.6 35.4#





#47
1,1,2-Trichloroethane
Concen: 0.405 ppbv m
RT: 8.896 min Scan# 1957
Delta R.T. -0.013 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

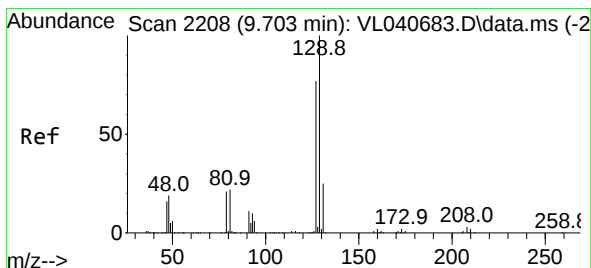
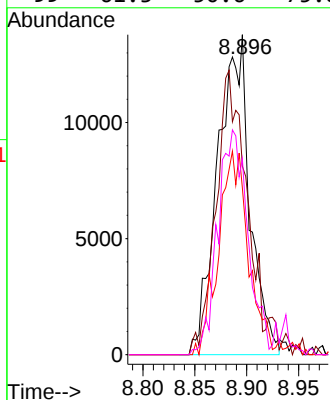
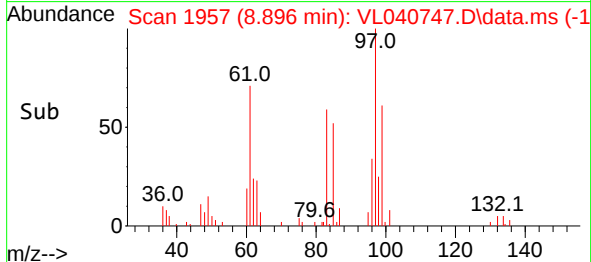
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



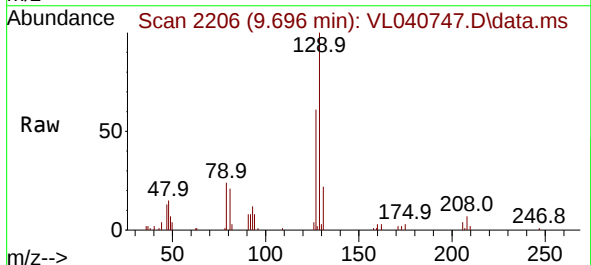
Tgt Ion: 97 Resp: 2956
Ion Ratio Lower Upper
97 100
83 58.9 70.8 106.2
85 52.2 45.7 68.5
99 61.3 50.6 75.8

Manual Integrations
APPROVED

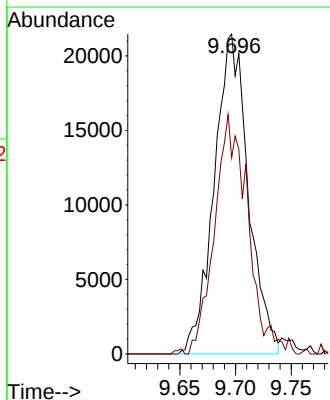
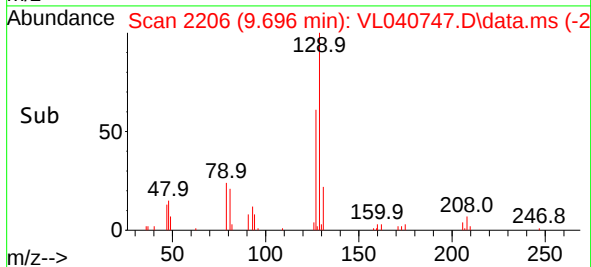
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

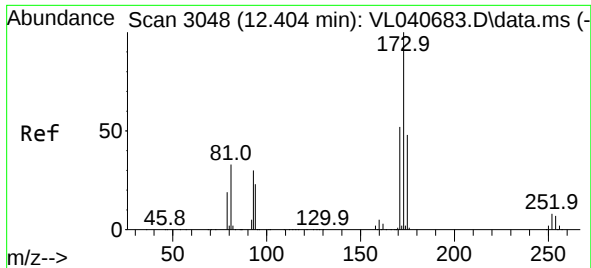


#48
Dibromochloromethane
Concen: 0.381 ppbv
RT: 9.696 min Scan# 2206
Delta R.T. -0.026 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33



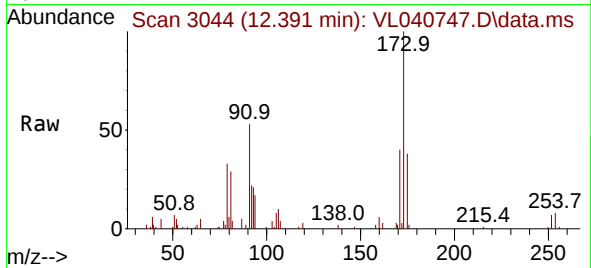
Tgt Ion:129 Resp: 45868
Ion Ratio Lower Upper
129 100
127 73.4 39.4 118.2





#49
Bromoform
Concen: 0.349 ppbv
RT: 12.391 min Scan# 3044
Delta R.T. -0.029 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

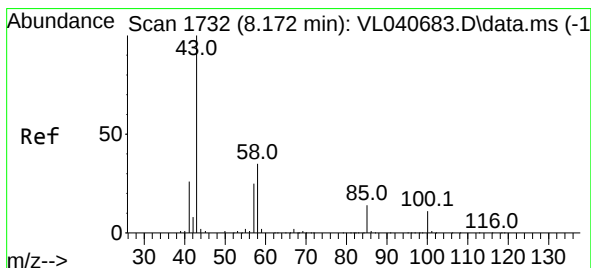
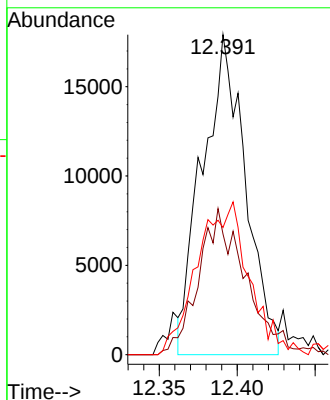
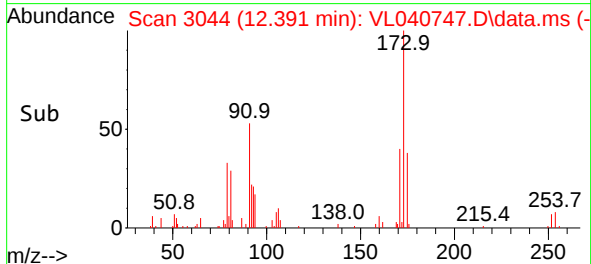
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



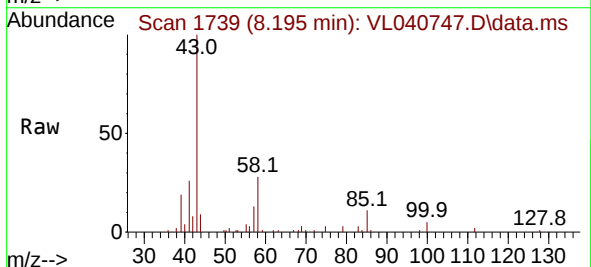
Tgt Ion: 173 Resp: 34518
Ion Ratio Lower Upper
173 100
175 50.5 38.8 58.2
171 57.3 42.2 63.2

Manual Integrations
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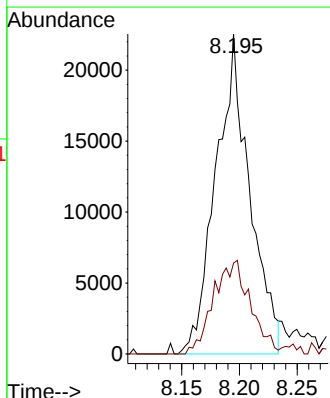
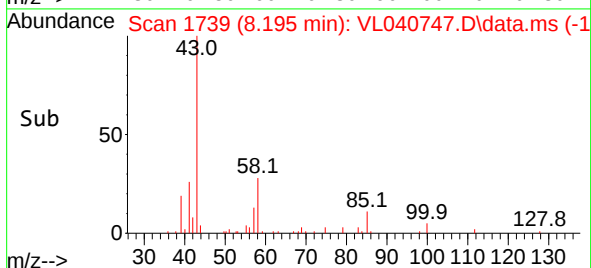
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

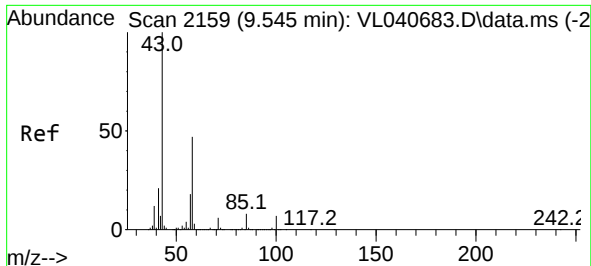


#50
4-Methyl-2-Pentanone
Concen: 0.302 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.003 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33



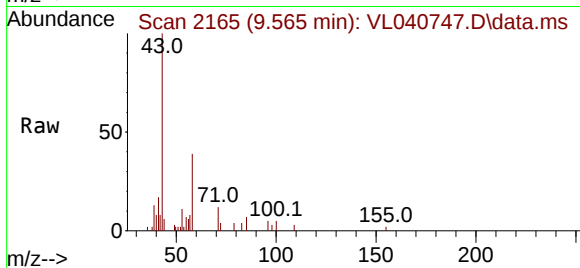
Tgt Ion: 43 Resp: 45922
Ion Ratio Lower Upper
43 100
58 32.5 28.2 42.4





#51
2-Hexanone
Concen: 0.283 ppbv m
RT: 9.565 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

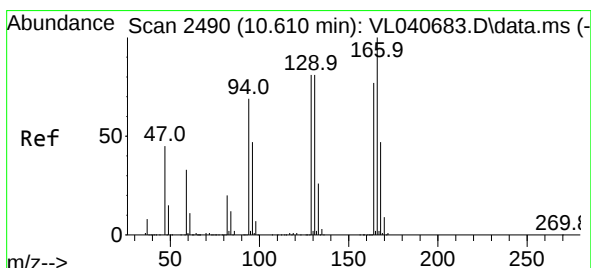
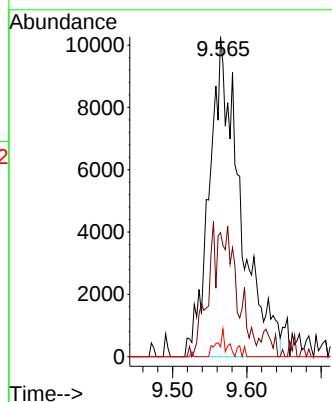
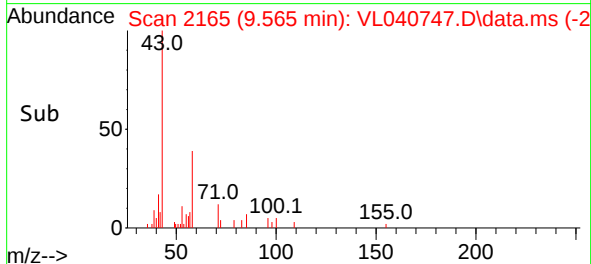
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 43 Resp: 29610
Ion Ratio Lower Upper
43 100
58 0.0 37.6 56.4#
98 0.0 0.6 1.0#

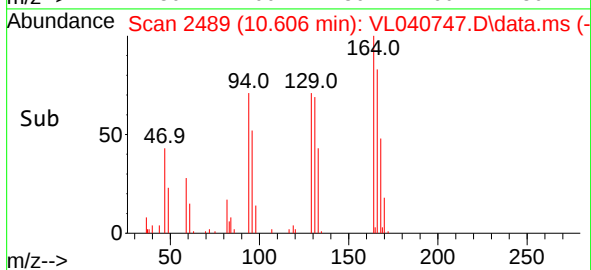
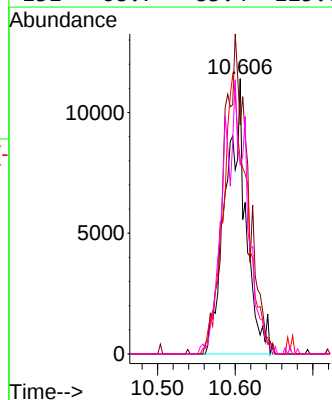
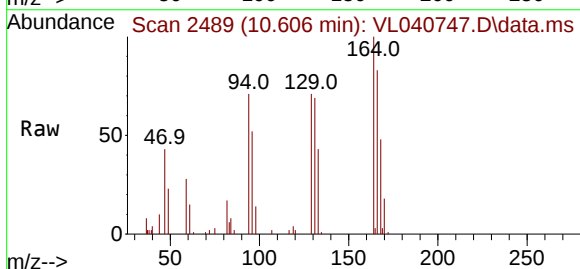
Manual Integrations
APPROVED

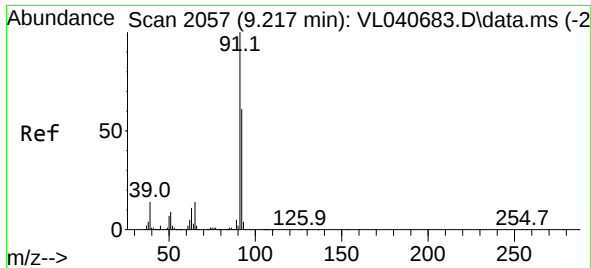
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#52
Tetrachloroethene
Concen: 0.384 ppbv m
RT: 10.606 min Scan# 2489
Delta R.T. -0.019 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Tgt Ion:164 Resp: 20701
Ion Ratio Lower Upper
164 100
166 83.3 103.4 155.2#
129 70.7 83.5 125.3#
131 68.7 83.4 125.0#





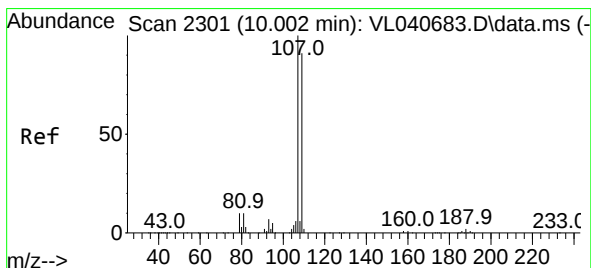
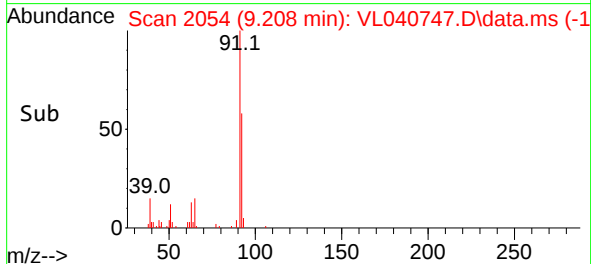
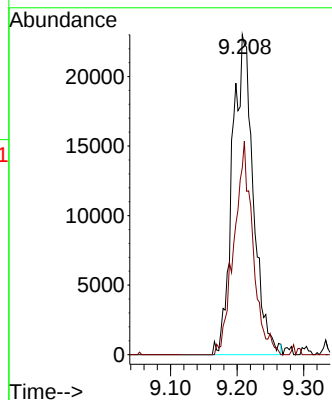
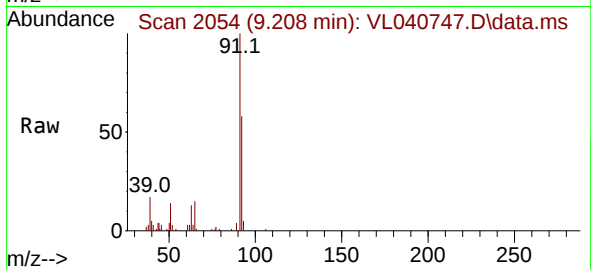
#53
Toluene
Concen: 0.288 ppbv m
RT: 9.208 min Scan# 2057
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 91 Resp: 50218
Ion Ratio Lower Upper
91 100
92 60.2 48.5 72.7

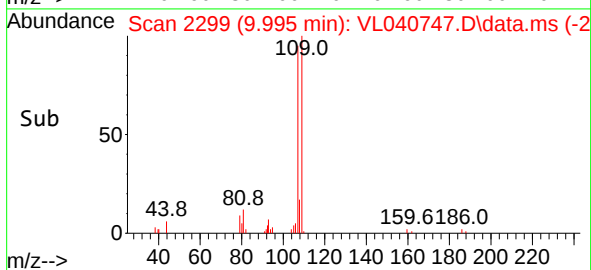
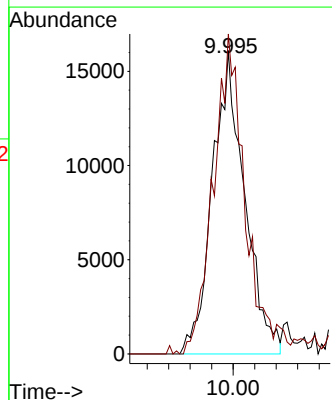
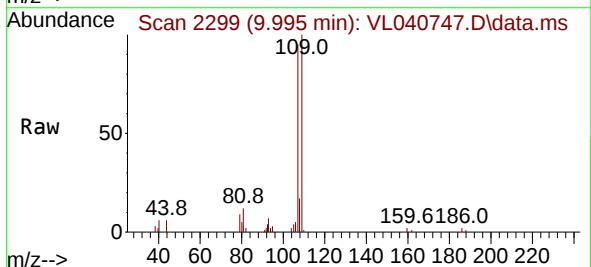
Manual Integrations
APPROVED

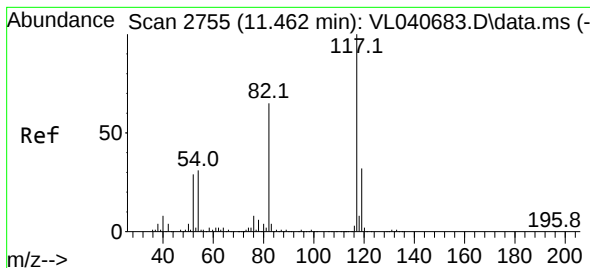
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#54
1,2-Dibromoethane
Concen: 0.359 ppbv
RT: 9.995 min Scan# 2299
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

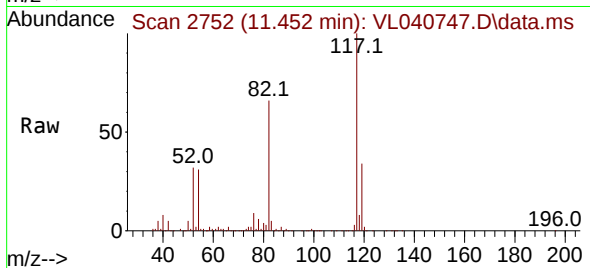
Tgt Ion:107 Resp: 33521
Ion Ratio Lower Upper
107 100
109 105.5 72.4 108.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2755
Delta R.T. -0.026 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

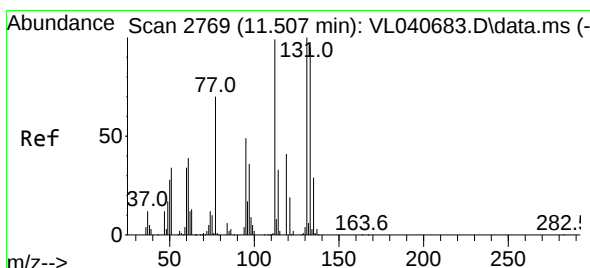
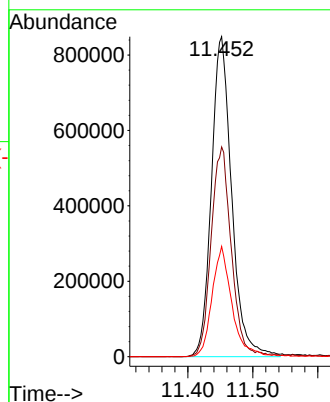
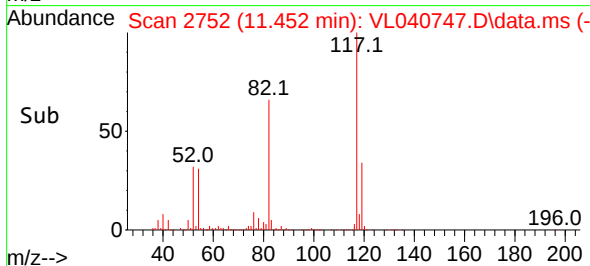
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



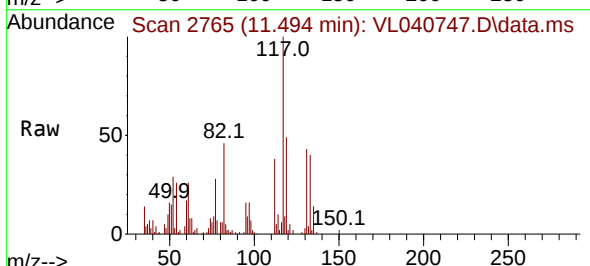
Tgt Ion:117 Resp: 183876
Ion Ratio Lower Upper
117 100
82 66.4 51.4 77.0
119 33.9 24.7 37.1

Manual Integrations
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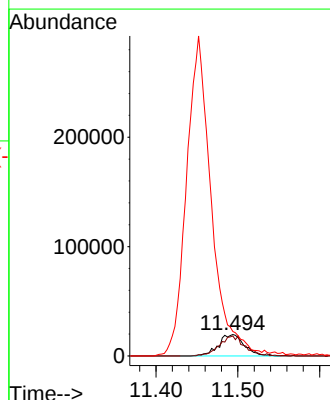
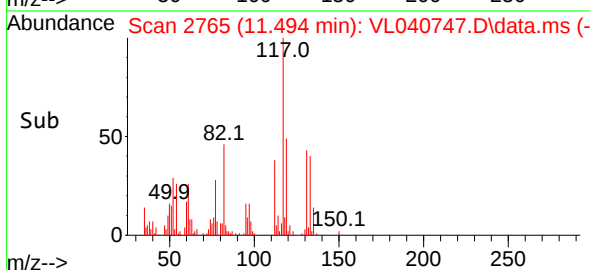
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

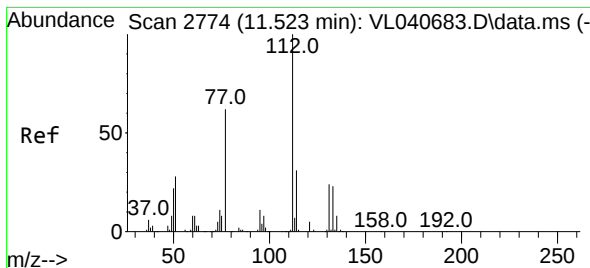


#56
1,1,1,2-Tetrachloroethane
Concen: 0.488 ppbv m
RT: 11.494 min Scan# 2765
Delta R.T. -0.026 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33



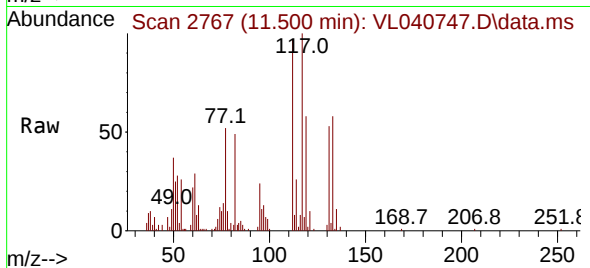
Tgt Ion:131 Resp: 42749
Ion Ratio Lower Upper
131 100
133 92.9 76.2 114.2
119 0.0 45.5 68.3#





#57
Chlorobenzene
Concen: 0.489 ppbv m
RT: 11.500 min Scan# 21
Delta R.T. -0.035 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

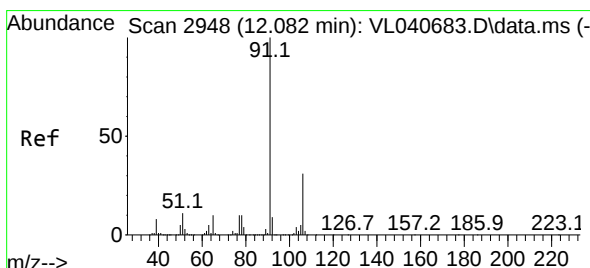
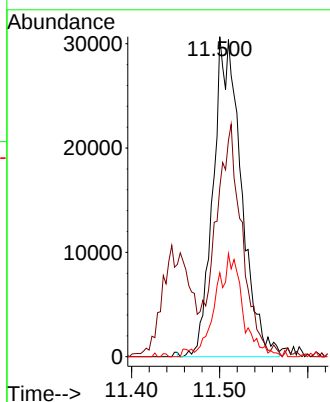
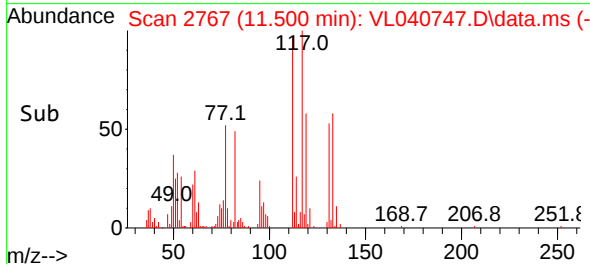
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion:112 Resp: 68090
Ion Ratio Lower Upper
112 100
77 53.0 50.8 76.2
114 26.2 28.2 34.4

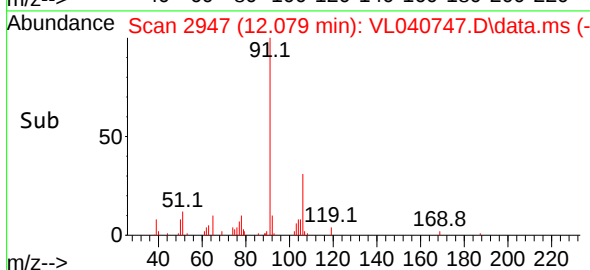
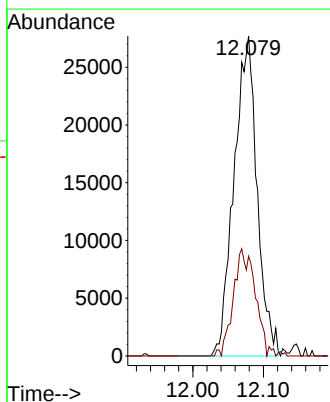
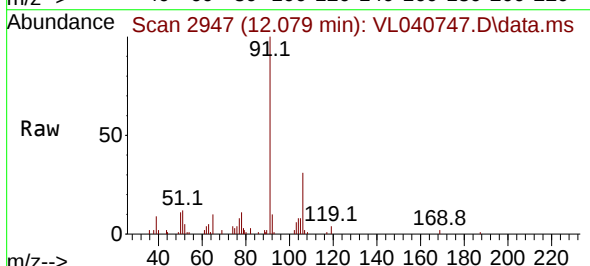
Manual Integrations
APPROVED

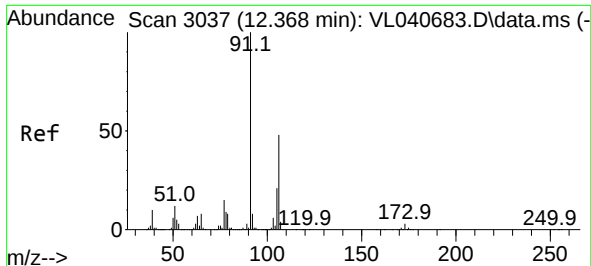
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#58
Ethyl Benzene
Concen: 0.299 ppbv m
RT: 12.079 min Scan# 2947
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Tgt Ion: 91 Resp: 62689
Ion Ratio Lower Upper
91 100
106 31.2 24.7 37.1





#59

m/p-Xylene

Concen: 0.682 ppbv m

RT: 12.349 min Scan# 3031

Delta R.T. -0.032 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 91 Resp: 13416

Ion Ratio Lower Upper

91 100

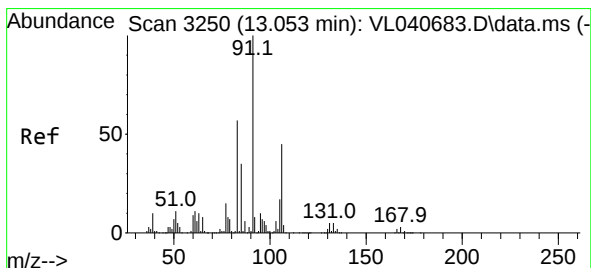
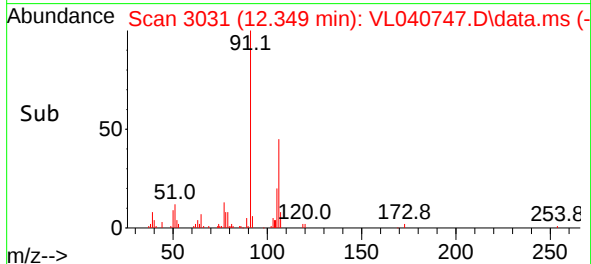
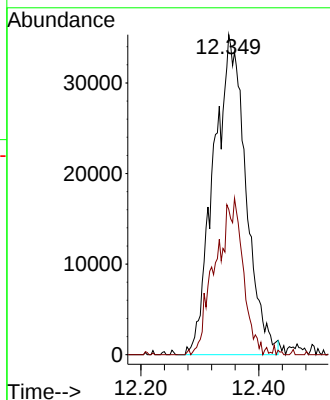
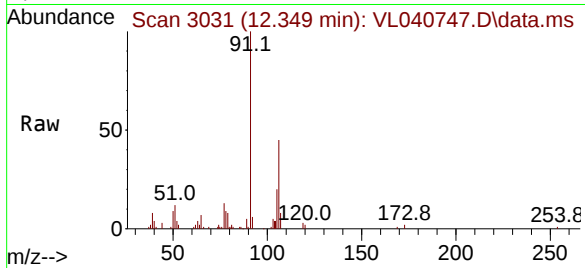
106 0.0 34.8 52.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023

Supervised By :Mahesh Dadoda 10/05/2023



#60

o-Xylene

Concen: 0.301 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. -0.022 min

Lab File: VL040747.D

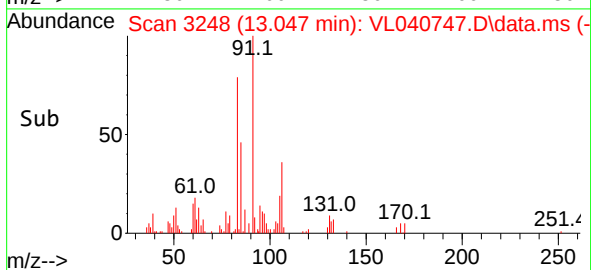
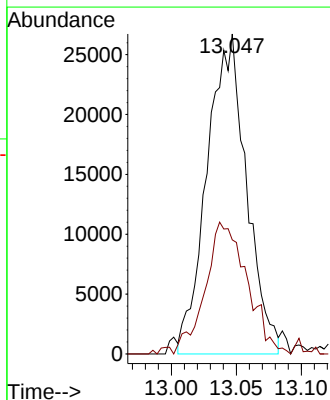
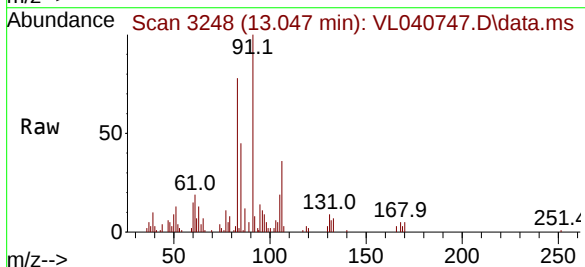
Acq: 4 Oct 2023 19:33

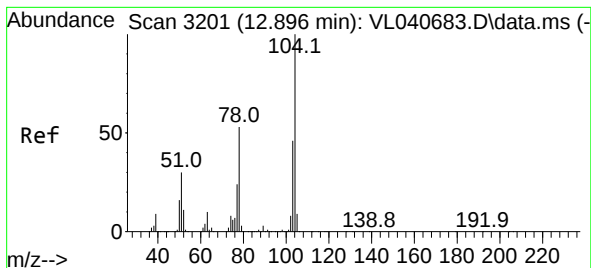
Tgt Ion: 91 Resp: 56481

Ion Ratio Lower Upper

91 100

106 44.1 22.3 66.9





#61

Styrene

Concen: 0.266 ppbv m

RT: 12.883 min Scan# 3197

Delta R.T. -0.022 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

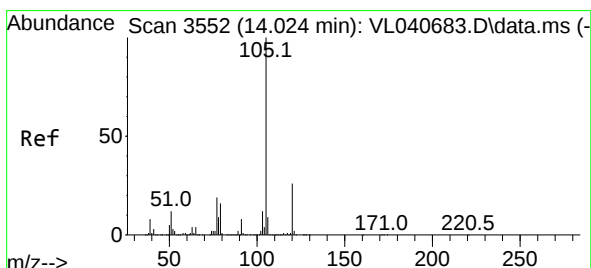
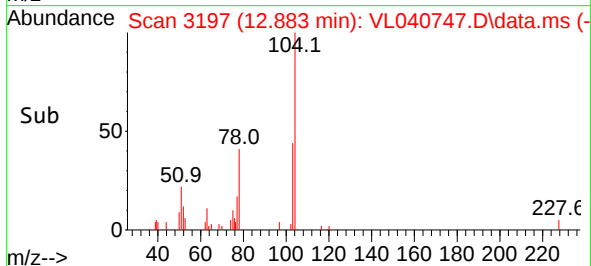
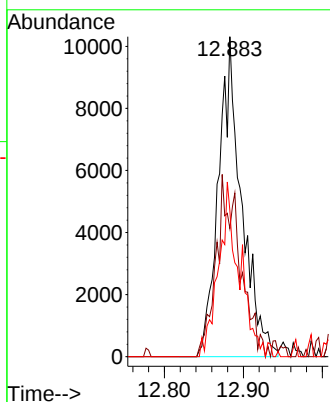
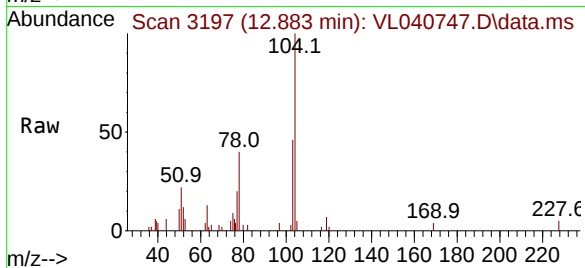
LOD-MDL-AIR-01-QT4-2023

Tgt Ion:104 Resp: 20930
 Ion Ratio Lower Upper
 104 100
 78 58.0 43.4 65.0
 103 0.0 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#62

Isopropylbenzene

Concen: 0.386 ppbv m

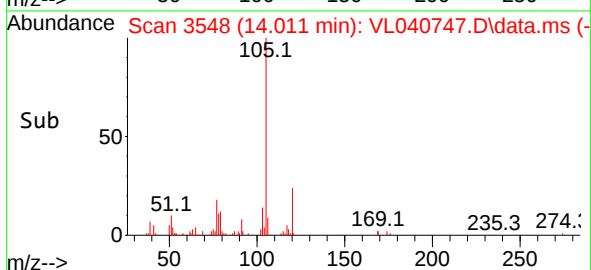
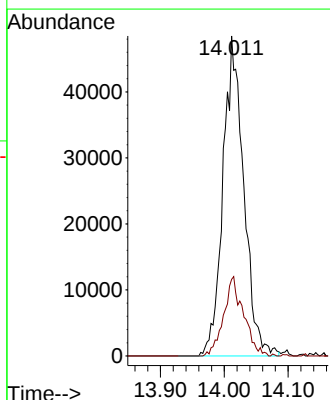
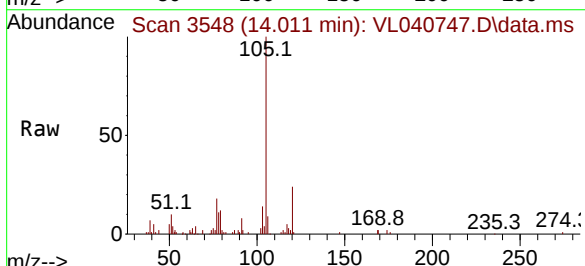
RT: 14.011 min Scan# 3548

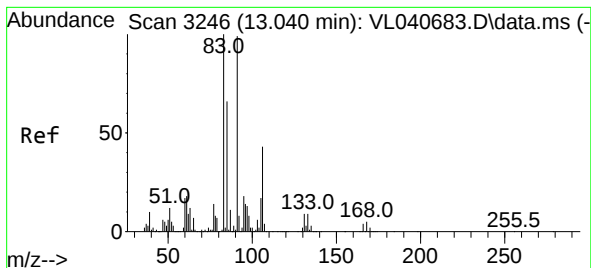
Delta R.T. -0.026 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Tgt Ion:105 Resp: 109485
 Ion Ratio Lower Upper
 105 100
 120 0.0 20.2 30.4





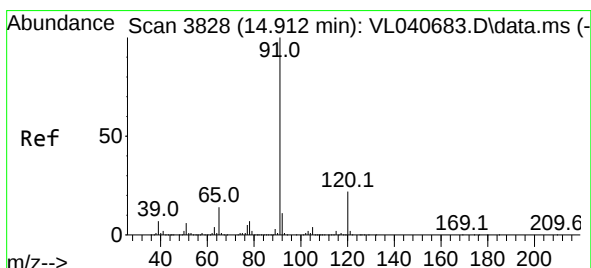
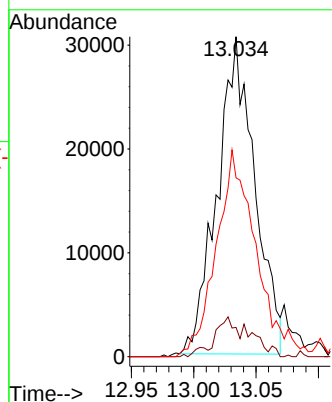
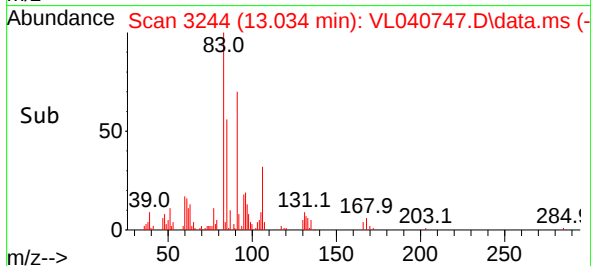
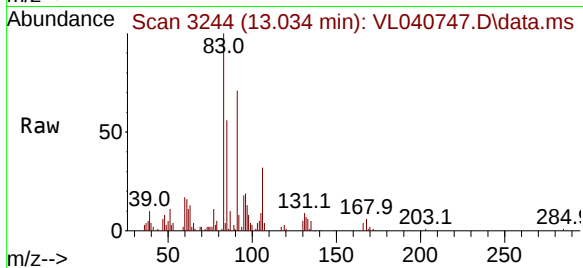
#63
1,1,2,2-Tetrachloroethane
Concen: 0.434 ppbv
RT: 13.034 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 83 Resp: 6388
Ion Ratio Lower Upper
83 100
131 11.8 4.7 14.1
85 70.2 33.1 99.3

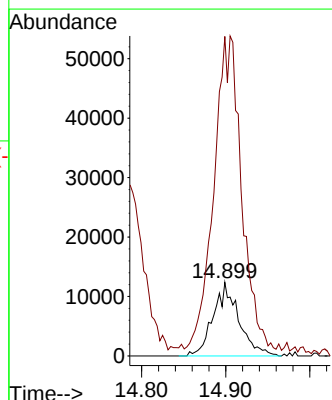
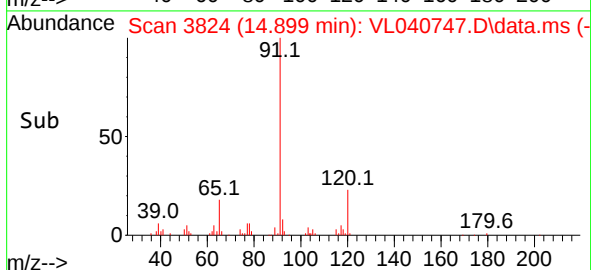
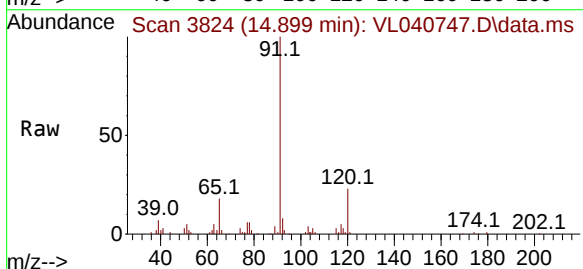
Manual Integrations
APPROVED

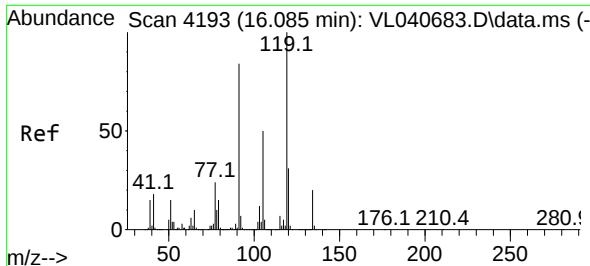
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#64
n-propylbenzene
Concen: 0.369 ppbv m
RT: 14.899 min Scan# 3824
Delta R.T. -0.026 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

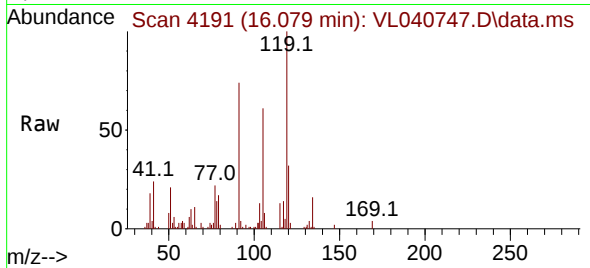
Tgt Ion:120 Resp: 26167
Ion Ratio Lower Upper
120 100
91 53.5 386.9 580.3#





#65
tert-Butylbenzene
Concen: 0.381 ppbv m
RT: 16.079 min Scan# 4193
Delta R.T. -0.019 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

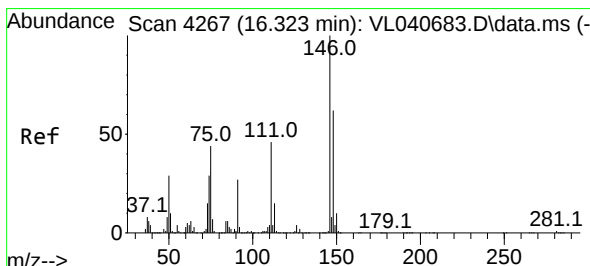
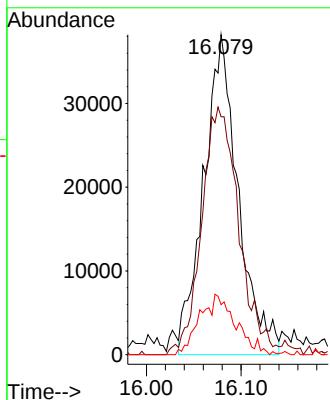
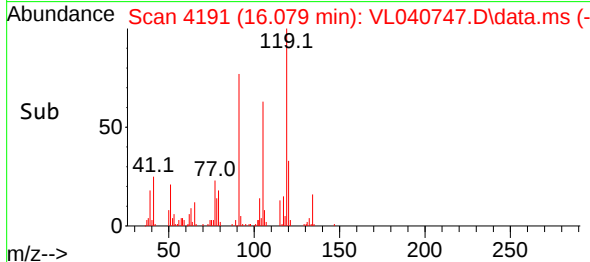
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion: 119 Resp: 9690
Ion Ratio Lower Upper
119 100
91 0.0 69.8 104.8
134 0.0 15.4 23.2

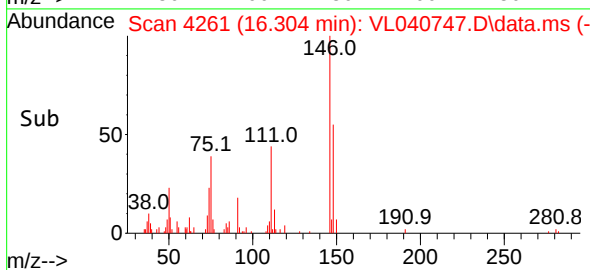
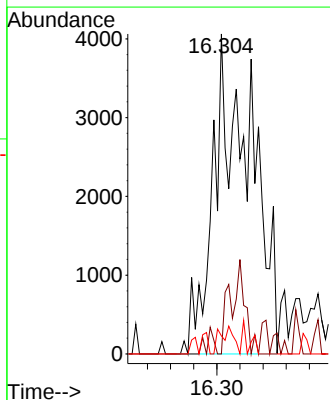
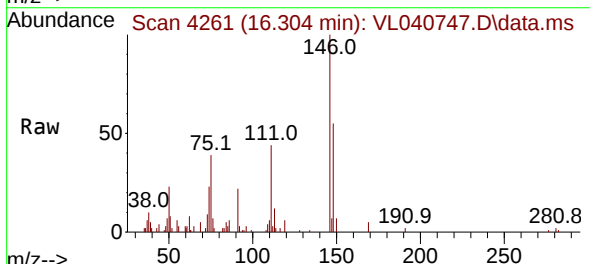
Manual Integrations
APPROVED

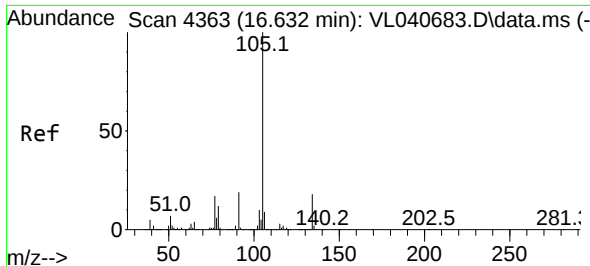
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#66
Benzyl Chloride
Concen: 0.307 ppbv m
RT: 16.304 min Scan# 4261
Delta R.T. -0.032 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

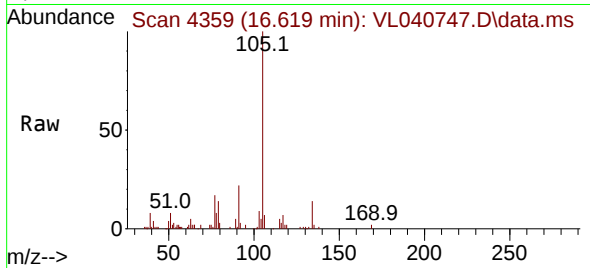
Tgt Ion: 91 Resp: 9103
Ion Ratio Lower Upper
91 100
126 0.0 13.6 20.4#
128 0.0 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.354 ppbv m
 RT: 16.619 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

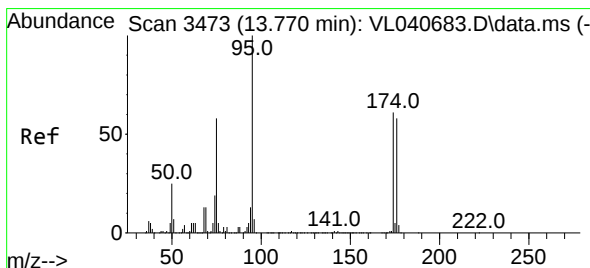
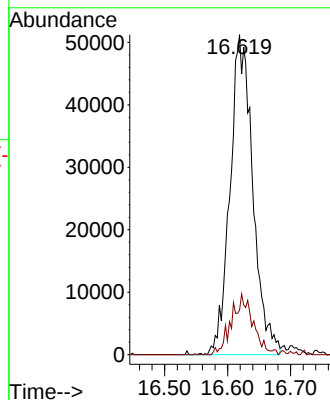
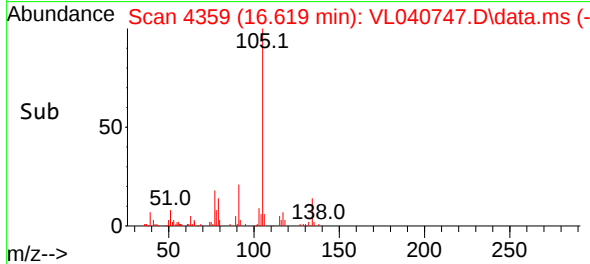
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2023



Tgt Ion:105 Resp: 12895
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.1 21.1

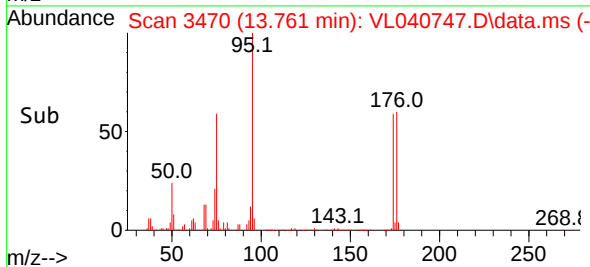
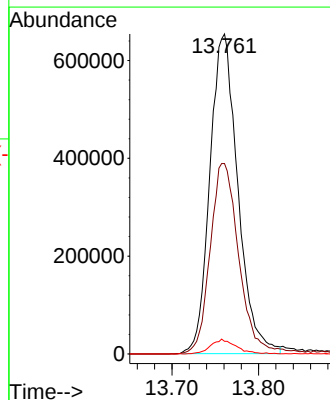
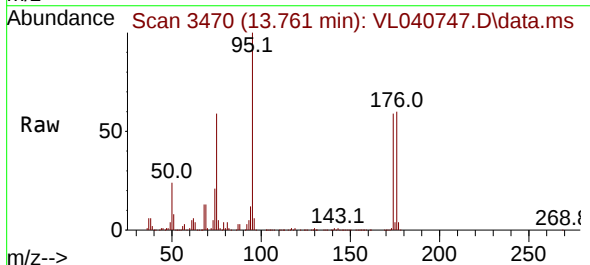
Manual Integrations
 APPROVED

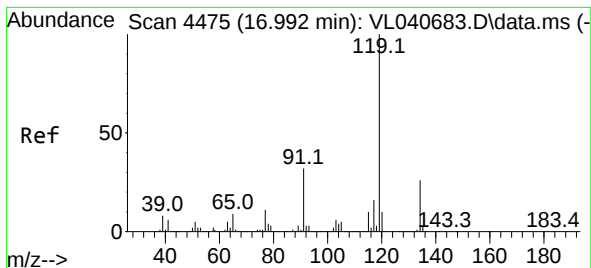
Reviewed By :Semsettin Yesilyurt 10/05/2023
 Supervised By :Mahesh Dadoda 10/05/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.322 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. -0.026 min
 Lab File: VL040747.D
 Acq: 4 Oct 2023 19:33

Tgt Ion: 95 Resp: 1466420
 Ion Ratio Lower Upper
 95 100
 174 61.5 48.9 73.3
 175 4.3 3.5 5.3





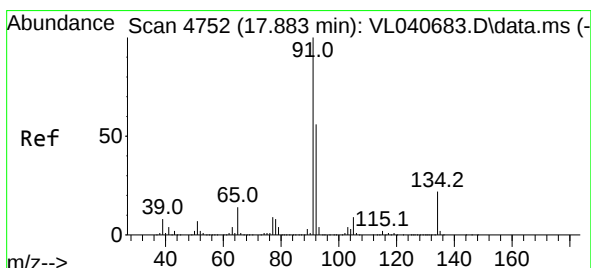
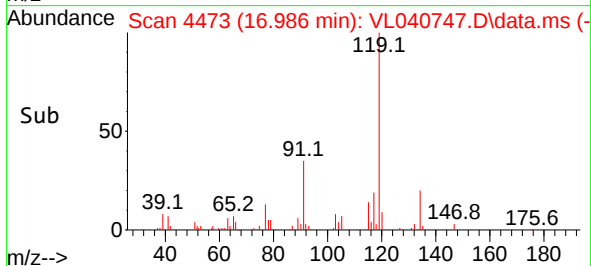
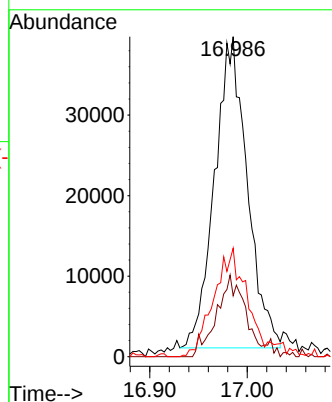
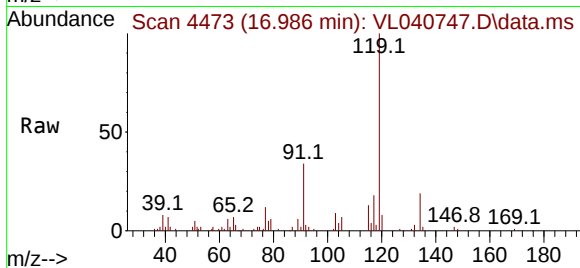
#69
p-Isopropyltoluene
Concen: 0.313 ppbv
RT: 16.986 min Scan# 4475
Delta R.T. -0.016 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion:119 Resp: 89602
Ion Ratio Lower Upper
119 100
134 24.8 20.2 30.2
91 37.9 25.0 37.6

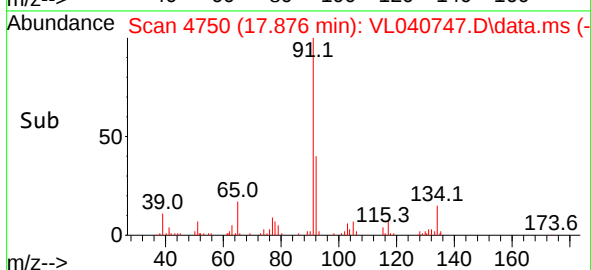
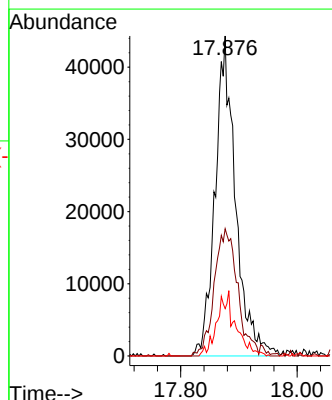
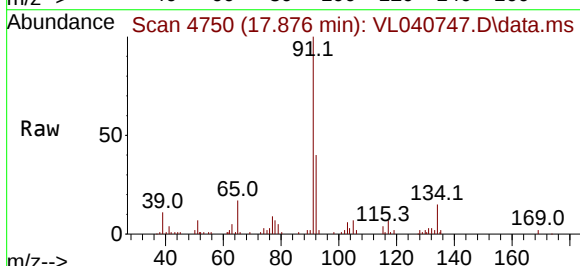
Manual Integrations
APPROVED

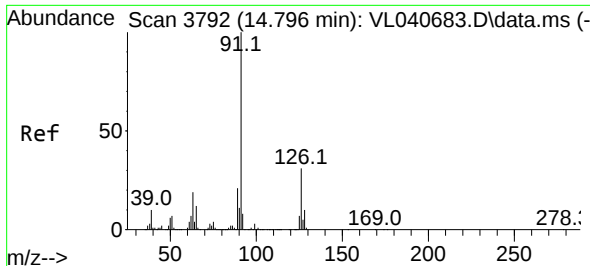
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#70
n-Butylbenzene
Concen: 0.343 ppbv m
RT: 17.876 min Scan# 4750
Delta R.T. -0.019 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Tgt Ion: 91 Resp: 107969
Ion Ratio Lower Upper
91 100
92 0.0 42.7 64.1#
134 0.0 17.0 25.4#





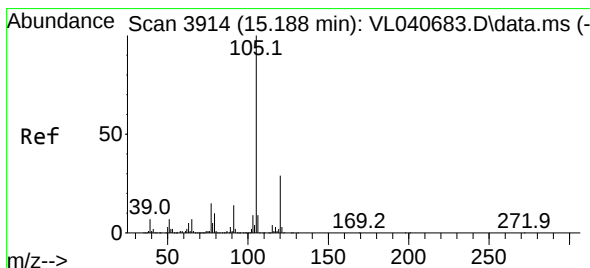
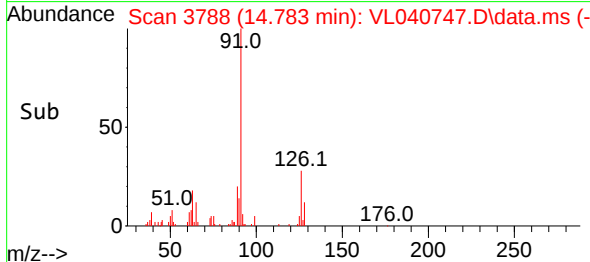
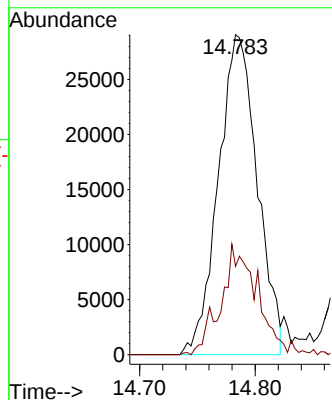
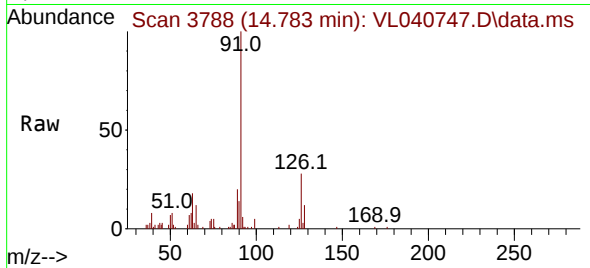
#71
2-Chlorotoluene
Concen: 0.325 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023

Tgt Ion: 91 Resp: 68070
Ion Ratio Lower Upper
91 100
126 32.4 12.0 47.8

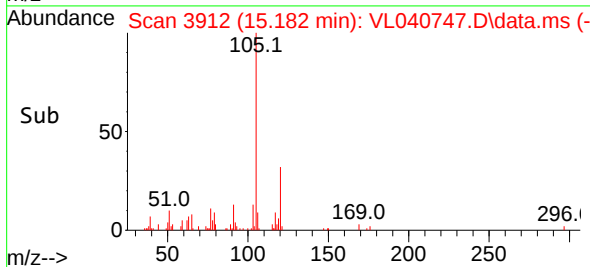
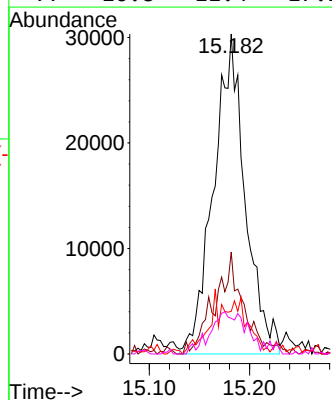
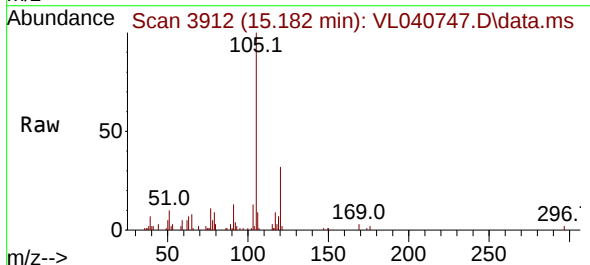
Manual Integrations
APPROVED

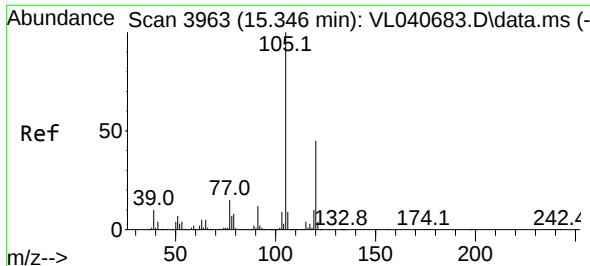
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#72
4-Ethyltoluene
Concen: 0.317 ppbv m
RT: 15.182 min Scan# 3912
Delta R.T. -0.019 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

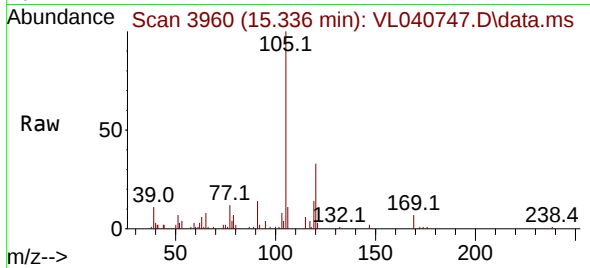
Tgt Ion:105 Resp: 66687
Ion Ratio Lower Upper
105 100
120 0.0 23.9 35.9#
91 22.2 11.0 16.4#
77 16.8 11.4 17.2





#73
1,3,5-Trimethylbenzene
Concen: 0.321 ppbv
RT: 15.336 min Scan# 3960
Delta R.T. -0.026 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

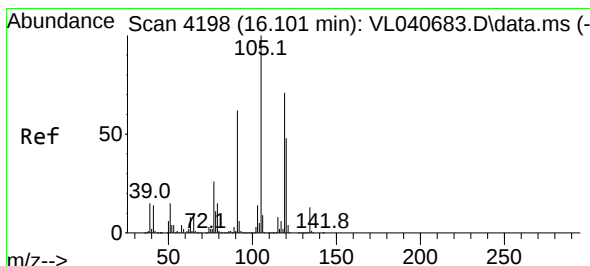
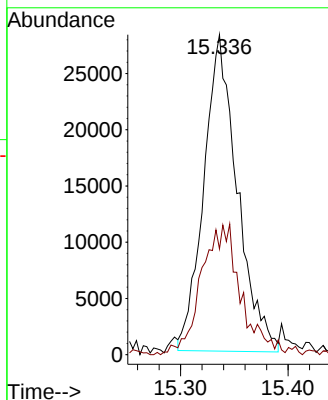
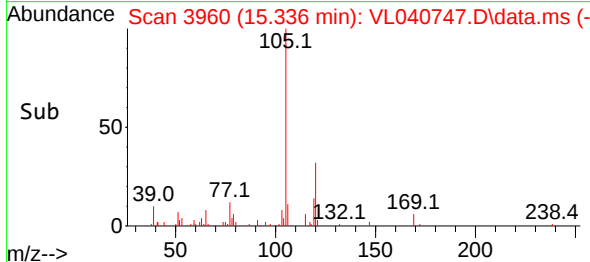
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion:105 Resp: 60814
Ion Ratio Lower Upper
105 100
120 32.4 36.1 54.1

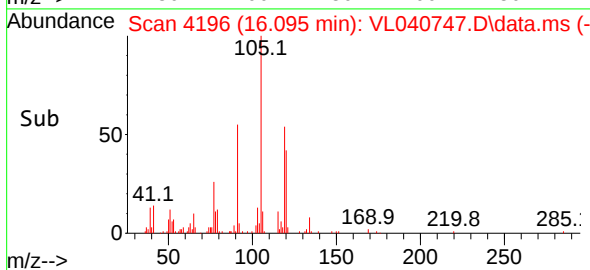
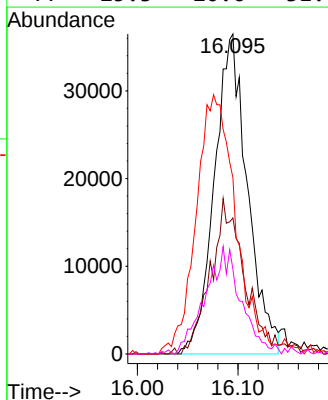
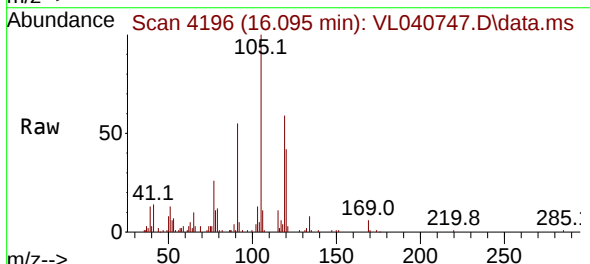
Manual Integrations
APPROVED

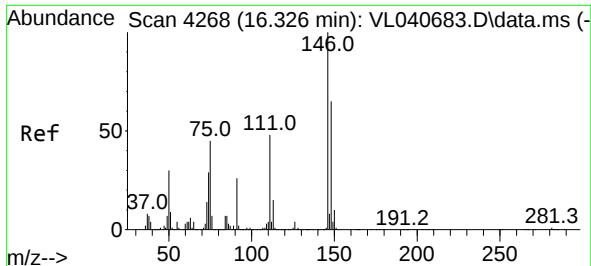
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#74
1,2,4-Trimethylbenzene
Concen: 0.361 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

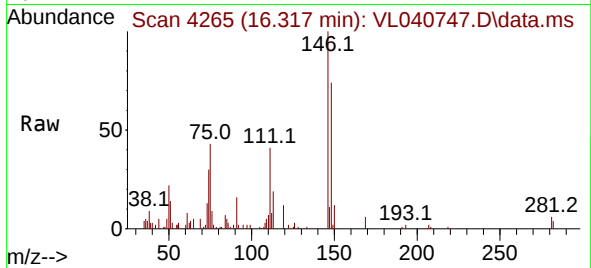
Tgt Ion:105 Resp: 83310
Ion Ratio Lower Upper
105 100
120 42.5 38.6 57.8
91 52.4 50.0 75.0
77 25.3 20.6 31.0





#75
1,3-Dichlorobenzene
Concen: 0.412 ppbv m
RT: 16.317 min Scan# 4309
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

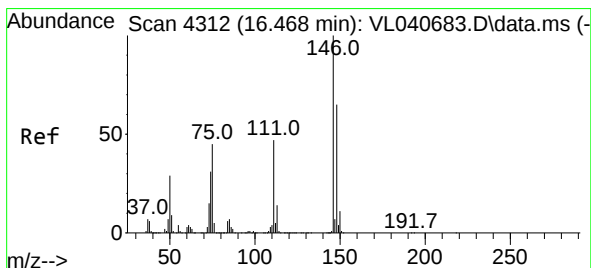
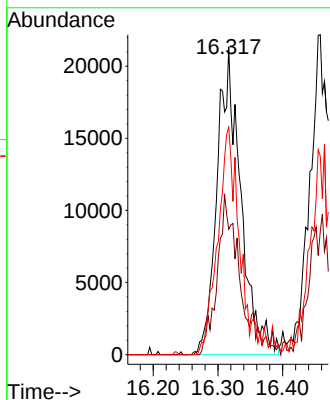
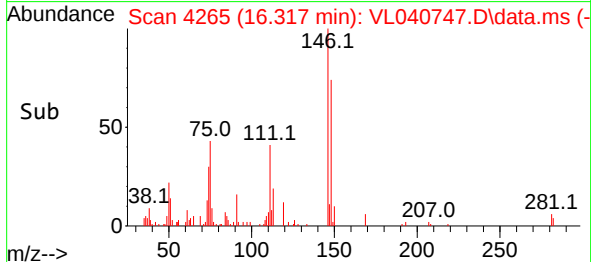
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



Tgt Ion:146 Resp: 5427
Ion Ratio Lower Upper
146 100
111 0.0 23.9 71.7
148 0.0 31.8 95.4

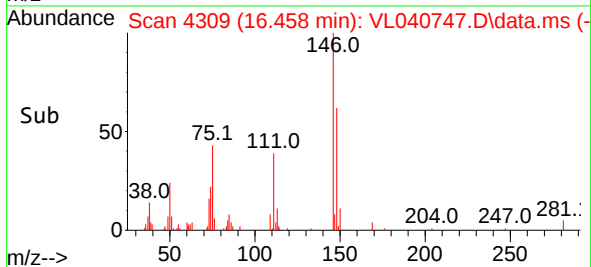
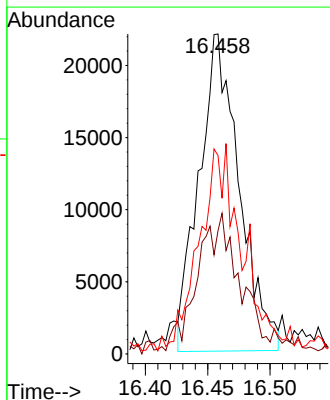
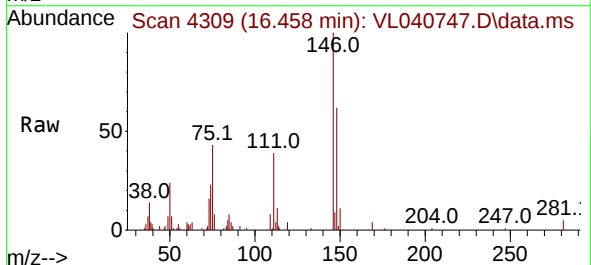
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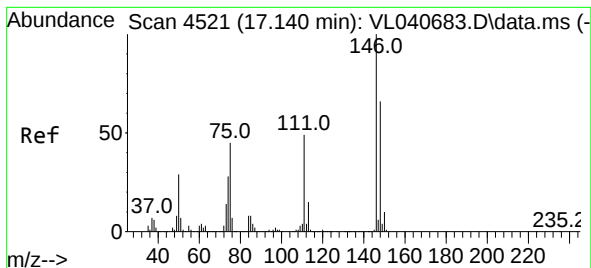
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#76
1,4-Dichlorobenzene
Concen: 0.382 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

Tgt Ion:146 Resp: 49453
Ion Ratio Lower Upper
146 100
111 53.2 23.8 71.2
148 76.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 0.450 ppbv m

RT: 17.130 min Scan# 4518

Delta R.T. -0.022 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

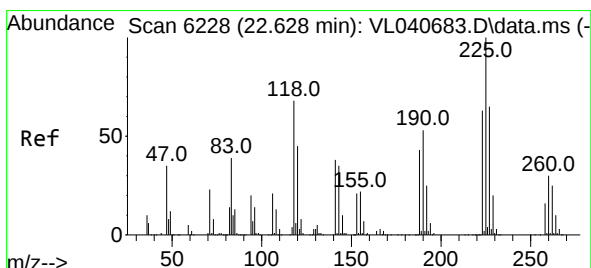
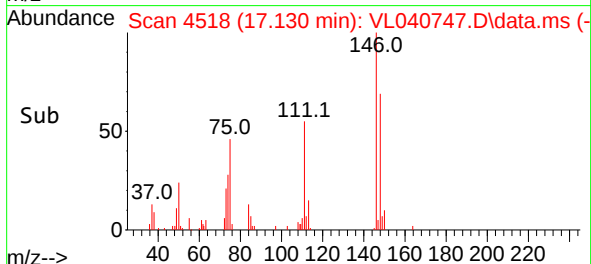
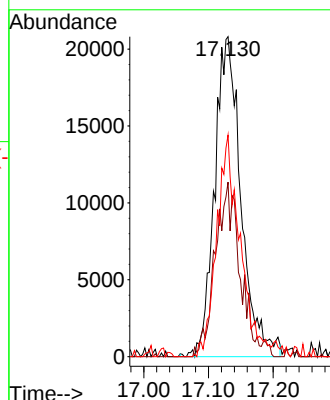
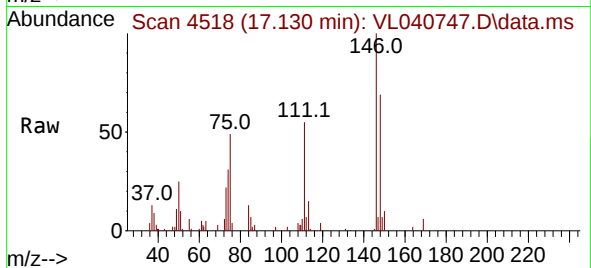
LOD-MDL-AIR-01-QT4-2023

Tgt Ion:146	Resp:	5904
Ion Ratio	Lower	Upper
146	100	
111	0.0	25.0
148	0.0	32.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023



#78

Hexachloro-1,3-Butadiene

Concen: 0.479 ppbv m

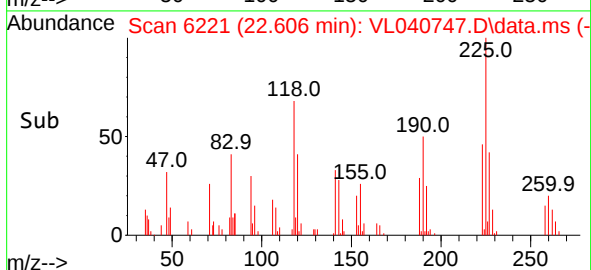
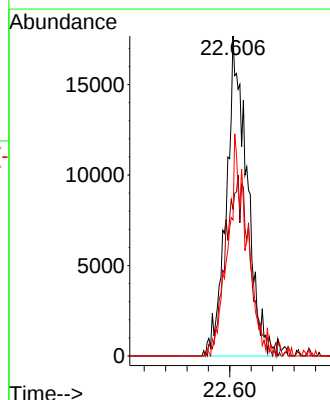
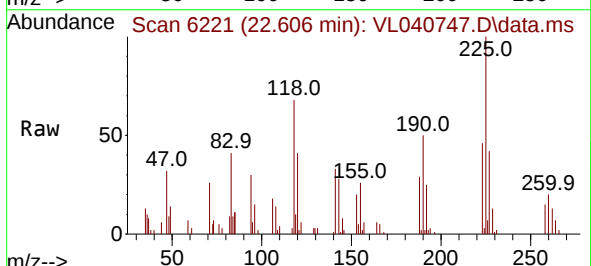
RT: 22.606 min Scan# 6221

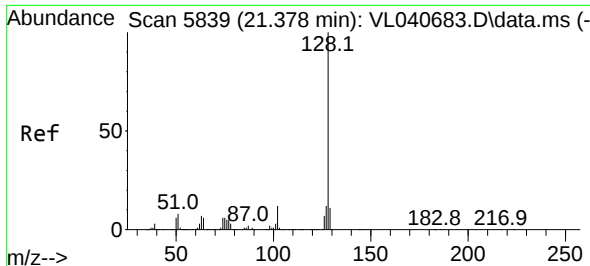
Delta R.T. -0.032 min

Lab File: VL040747.D

Acq: 4 Oct 2023 19:33

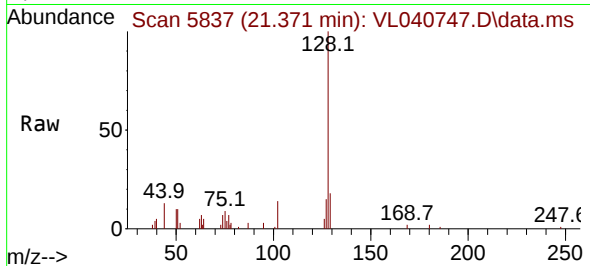
Tgt Ion:225	Resp:	47553
Ion Ratio	Lower	Upper
225	100	
223	0.0	51.2
227	0.0	50.7





#79
Naphthalene
Concen: 0.258 ppbv m
RT: 21.371 min Scan# 5837
Delta R.T. -0.022 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33

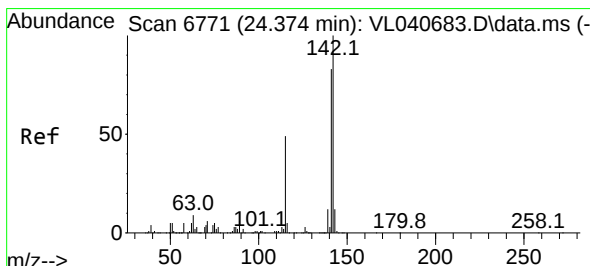
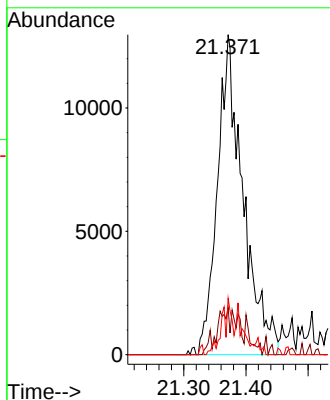
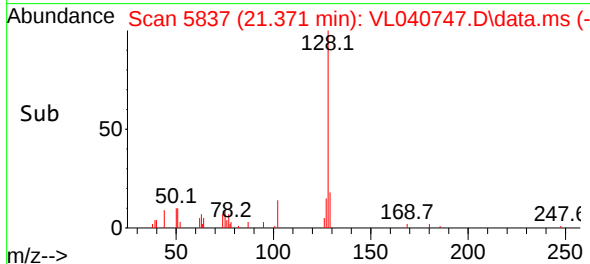
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2023



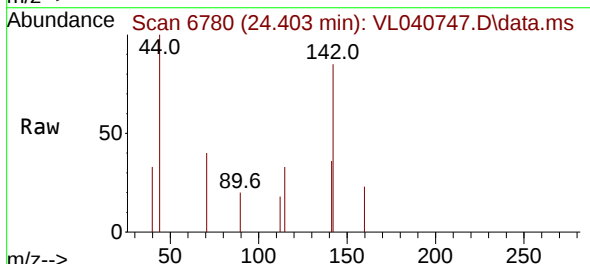
Tgt Ion:128 Resp: 3716
Ion Ratio Lower Upper
128 100
127 14.7 9.8 14.6
129 17.6 8.4 12.6

Manual Integrations
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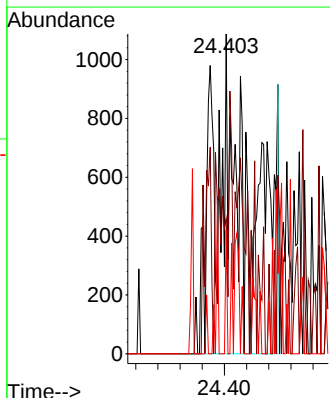
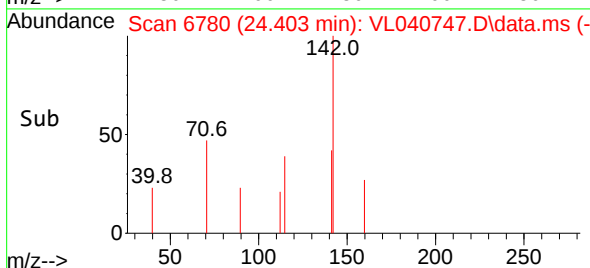
Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

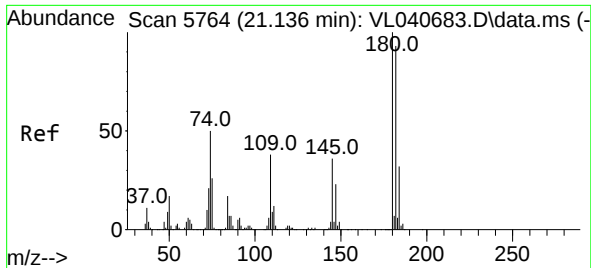


#80
Naphthalene,2-methyl-
Concen: 0.133 ppbv m
RT: 24.403 min Scan# 6780
Delta R.T. 0.023 min
Lab File: VL040747.D
Acq: 4 Oct 2023 19:33



Tgt Ion:142 Resp: 4696
Ion Ratio Lower Upper
142 100
141 27.4 67.0 100.6#
115 5.4 37.4 56.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.305 ppbv m

RT: 21.120 min Scan# 51

Delta R.T. -0.029 min

Lab File: VL040747.D

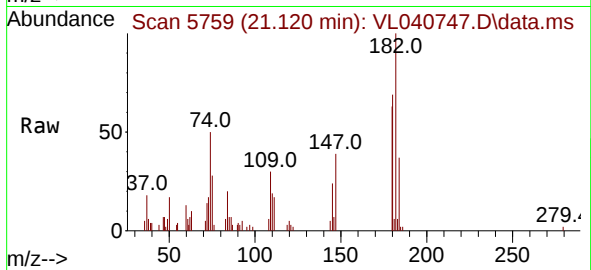
Acq: 4 Oct 2023 19:33

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2023



Tgt Ion:180	Resp:	28629
Ion Ratio	Lower	Upper
180	100	
182	0.0	77.9
184	0.0	24.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/05/2023
Supervised By :Mahesh Dadoda 10/05/2023

