

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102523\
 Data File : VL040803.D
 Acq On : 25 Oct 2023 16:54
 Operator : SY/MD
 Sample : 04699-15 0.1 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/26/2023
 Supervised By : Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 03:53:16 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	935036	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.642	114	2465752	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.446	117	2242063	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 1782832 10.807 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.100%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.742	85	22405m	0.136	ppbv	
3) Chlorodifluoromethane	2.687	51	17121	0.125	ppbv #	86
4) Chloromethane	2.825	50	7076m	0.130	ppbv	
5) Vinyl Chloride	2.928	62	5620	0.100	ppbv	98
6) Bromomethane	3.131	94	3193m	0.138	ppbv	
7) Chloroethane	3.205	64	2381	0.130	ppbv	100
8) Dichlorotetrafluoroethane	2.870	85	16376	0.131	ppbv	95
9) Propene	2.706	41	8249m	0.162	ppbv	
10) Heptane	7.568	43	12834m	0.100	ppbv	
11) Trichlorofluoromethane	3.568	101	15922	0.125	ppbv #	81
12) 1,1,2-Trichlorotrifluo...	4.067	101	9864m	0.109	ppbv	
13) Ethanol	3.279	45	2110m	0.183	ppbv	
14) Bromoethene	3.375	108	4410m	0.114	ppbv	
15) Acetone	3.501	43	21828m	0.226	ppbv	
16) 1,3-Butadiene	2.996	39	8153m	0.161	ppbv	
17) tert-Butyl alcohol	3.909	59	10070m	0.102	ppbv	
18) 1,1-Dichloroethene	3.883	96	5332m	0.131	ppbv	
19) Isopropyl Alcohol	3.610	45	7553m	0.121	ppbv	
20) Methylene Chloride	3.938	84	12548	0.312	ppbv #	72
21) Allyl Chloride	3.999	41	7920	0.124	ppbv	88
22) trans-1,2-Dichloroethene	4.436	96	4910m	0.114	ppbv	
23) Vinyl Acetate	4.639	43	11876m	0.096	ppbv	
24) 1,1-Dichloroethane	4.562	63	10305m	0.111	ppbv	
25) Ethyl Acetate	5.221	43	24950m	0.118	ppbv	
26) Hexane	5.208	57	12972	0.134	ppbv #	5
27) Carbon Disulfide	4.124	76	9383	0.088	ppbv #	1
28) Methyl tert-Butyl Ether	4.603	73	7198m	0.096	ppbv	
29) Chloroform	5.266	83	16128	0.115	ppbv	98
30) Cyclohexane	6.587	84	9034m	0.110	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	9569m	0.107	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	15726m	0.105	ppbv	
34) 2-Butanone	4.809	43	14782m	0.132	ppbv	
35) Carbon Tetrachloride	6.478	117	14946m	0.108	ppbv	
36) Benzene	6.359	78	20057	0.106	ppbv #	84
37) 1,2-Dichloroethane	5.803	62	11706m	0.121	ppbv	
38) Trichloroethene	7.279	130	8684m	0.103	ppbv	
39) 1,2-Dichloropropane	7.054	63	11593m	0.156	ppbv	
40) 1,4-Dioxane	7.320	88	3210m	0.114	ppbv	
41) Tetrahydrofuran	5.597	42	8648m	0.112	ppbv	
42) Bromodichloromethane	7.240	83	15873m	0.109	ppbv	
43) Methyl Methacrylate	7.472	69	6088m	0.080	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	34500m	0.108	ppbv	
45) t-1,3-Dichloropropene	8.703	75	3774m	0.062	ppbv	

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 Supervised By :Mahesh Dadoda 10/26/2023

Quant Time: Oct 26 03:53:16 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Thu Oct 12 00:21:08 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	6884m	0.093	ppbv	
47) 1,1,2-Trichloroethane	8.893	97	8818m	0.113	ppbv	
48) Dibromochloromethane	9.697	129	10844m	0.083	ppbv	
49) Bromoform	12.391	173	7691m	0.073	ppbv	
50) 4-Methyl-2-Pentanone	8.205	43	17605m	0.092	ppbv	
51) 2-Hexanone	9.578	43	10396m	0.072	ppbv	
52) Tetrachloroethene	10.587	164	8132m	0.106	ppbv	
53) Toluene	9.201	91	21376m	0.095	ppbv	
54) 1,2-Dibromoethane	9.989	107	9911m	0.091	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.491	131	10172m	0.111	ppbv	
57) Chlorobenzene	11.504	112	18408m	0.115	ppbv	
58) Ethyl Benzene	12.060	91	25552m	0.091	ppbv	
59) m/p-Xylene	12.343	91	44749m	0.193	ppbv	
60) o-Xylene	13.034	91	19351m	0.087	ppbv	
61) Styrene	12.883	104	9780m	0.080	ppbv	
62) Isopropylbenzene	14.008	105	30625	0.090	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.037	83	18189m	0.110	ppbv	
64) n-propylbenzene	14.899	120	8518m	0.093	ppbv	
65) tert-Butylbenzene	16.072	119	27111m	0.088	ppbv	
66) Benzyl Chloride	16.336	91	1627m	0.053	ppbv	
67) sec-Butylbenzene	16.616	105	42771m	0.102	ppbv	
69) p-Isopropyltoluene	16.982	119	27731m	0.079	ppbv	
70) n-Butylbenzene	17.876	91	29737m	0.086	ppbv	
71) 2-Chlorotoluene	14.783	91	26926m	0.105	ppbv	
72) 4-Ethyltoluene	15.172	105	24385m	0.094	ppbv	
73) 1,3,5-Trimethylbenzene	15.336	105	21997m	0.096	ppbv	
74) 1,2,4-Trimethylbenzene	16.089	105	23512m	0.094	ppbv	
75) 1,3-Dichlorobenzene	16.310	146	16648m	0.107	ppbv	
76) 1,4-Dichlorobenzene	16.462	146	15869m	0.103	ppbv	
77) 1,2-Dichlorobenzene	17.117	146	14585m	0.096	ppbv	
78) Hexachloro-1,3-Butadiene	22.603	225	11454m	0.105	ppbv	
79) Naphthalene	21.387	128	8216m	0.041	ppbv	
81) 1,2,4-Trichlorobenzene	21.140	180	6866m	0.062	ppbv	

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

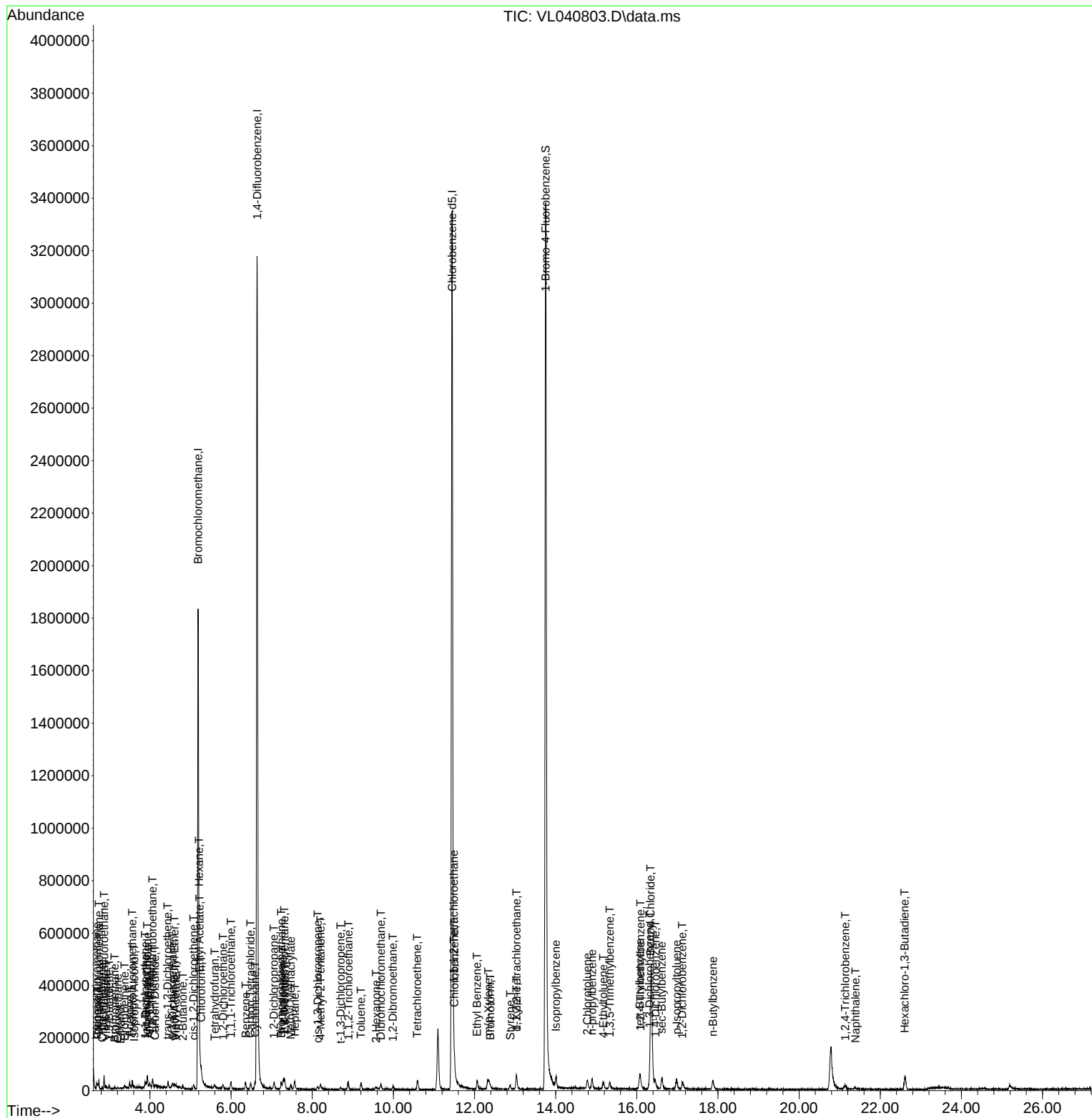
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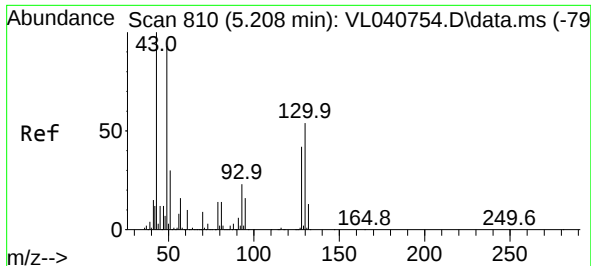
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

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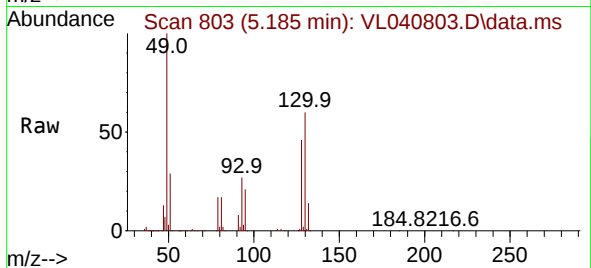
Reviewed By : Semsettin Yesilyurt 10/26/2023
Supervised By : Mahesh Dadoda 10/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.023 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

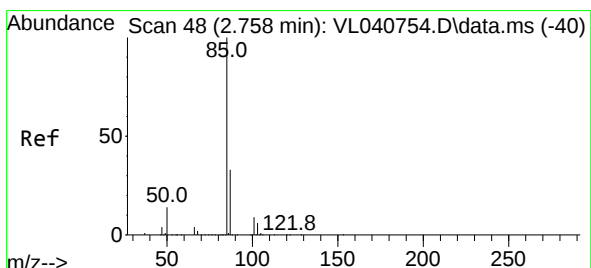
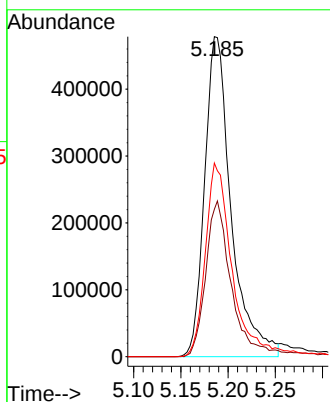
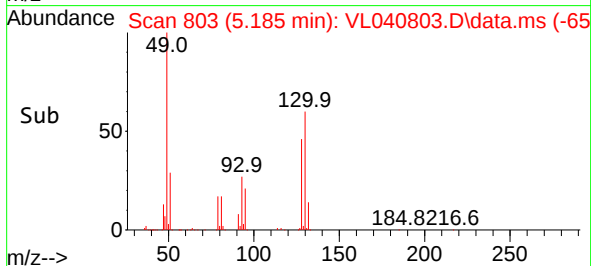
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 49 Resp: 935030
Ion Ratio Lower Upper
49 100
128 48.7 23.9 71.7
130 62.9 30.7 92.1

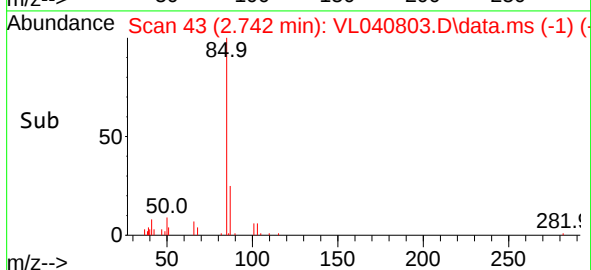
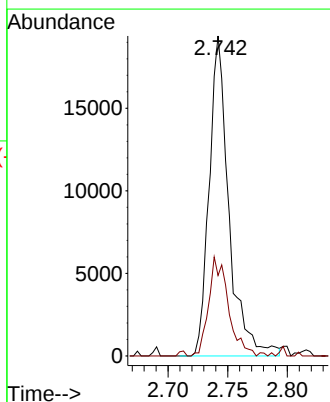
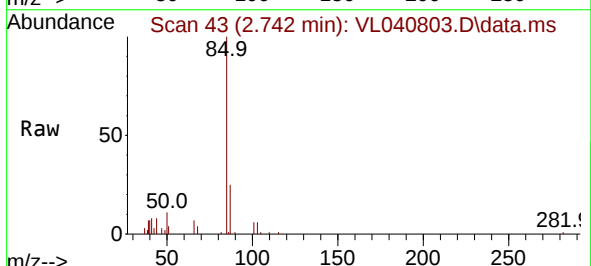
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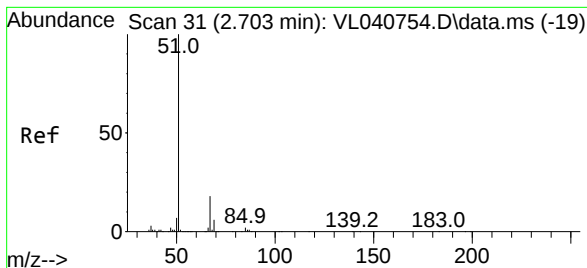
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#2
Dichlorodifluoromethane
Concen: 0.136 ppbv m
RT: 2.742 min Scan# 43
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion: 85 Resp: 22405
Ion Ratio Lower Upper
85 100
87 25.2 26.0 39.0#





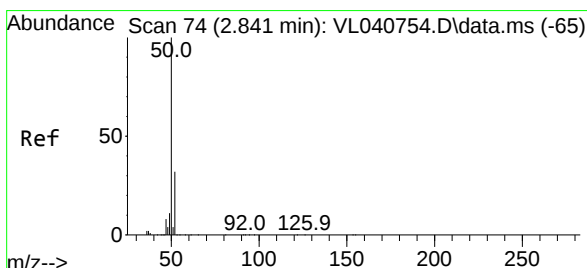
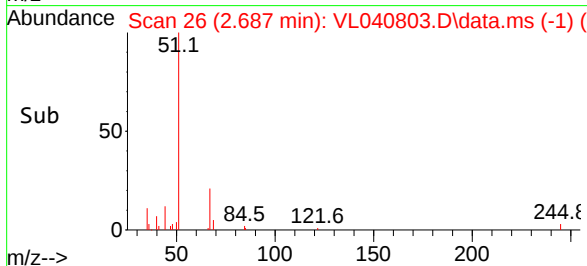
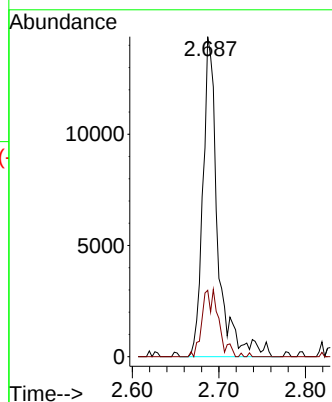
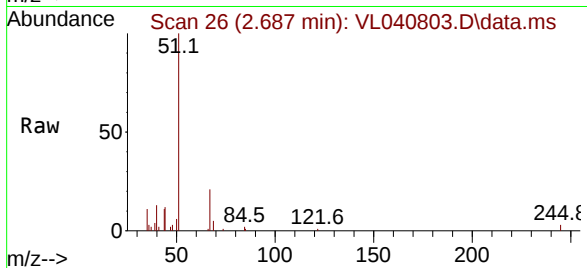
#3
Chlorodifluoromethane
Concen: 0.125 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 51 Resp: 1712
Ion Ratio Lower Upper
51 100
67 23.2 13.8 20.6

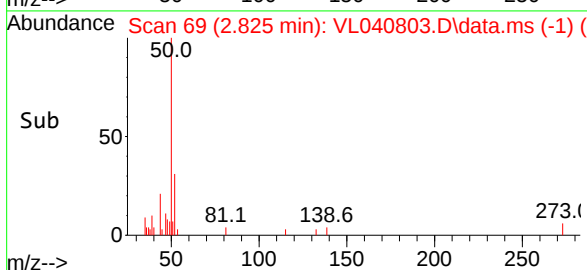
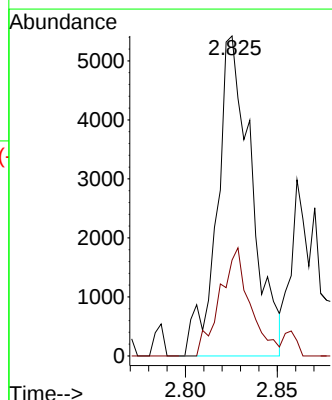
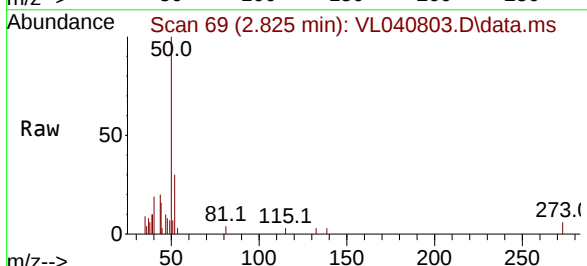
Manual Integrations
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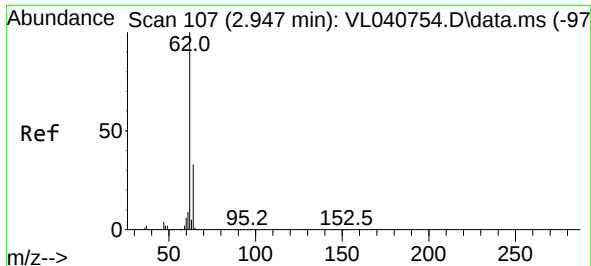
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#4
Chloromethane
Concen: 0.130 ppbv m
RT: 2.825 min Scan# 69
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion: 50 Resp: 7076
Ion Ratio Lower Upper
50 100
52 30.0 25.3 37.9





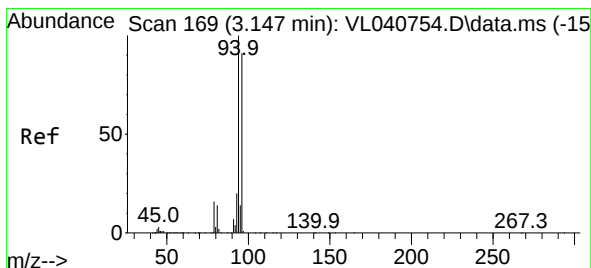
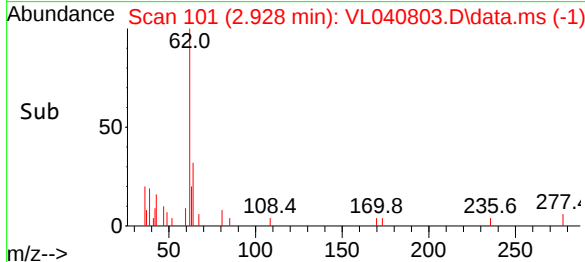
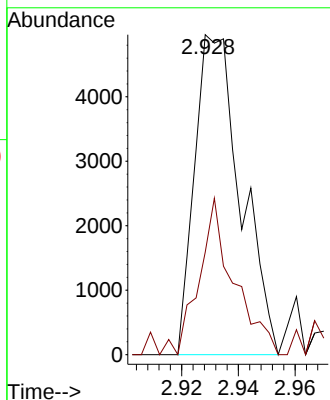
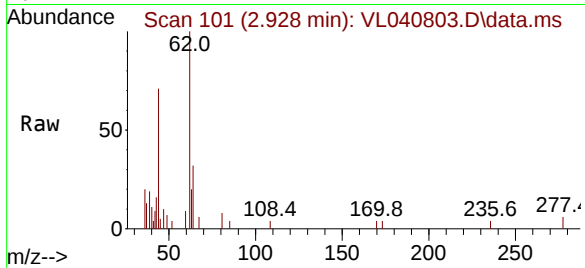
#5
 Vinyl Chloride
 Concen: 0.100 ppbv
 RT: 2.928 min Scan# 107
 Delta R.T. -0.019 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL

Tgt Ion: 62 Resp: 5620
 Ion Ratio Lower Upper
 62 100
 64 32.1 26.6 39.8

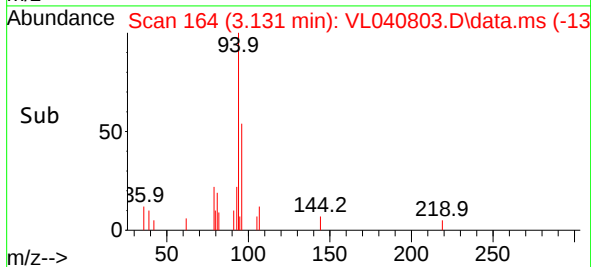
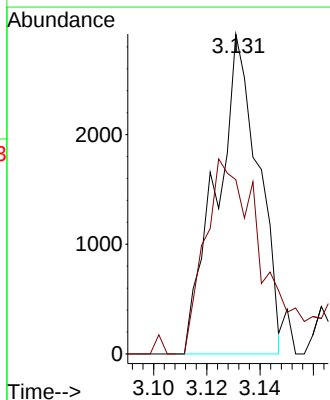
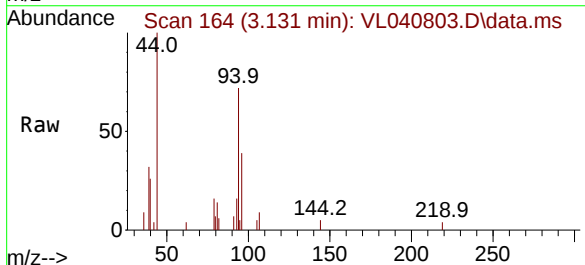
Manual Integrations
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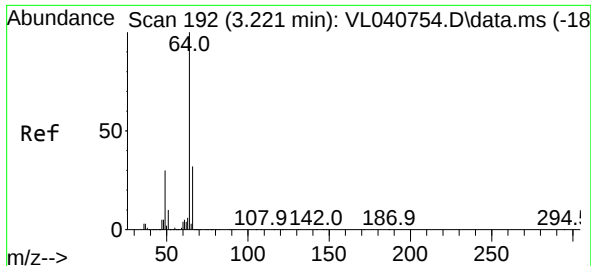
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#6
 Bromomethane
 Concen: 0.138 ppbv m
 RT: 3.131 min Scan# 164
 Delta R.T. -0.016 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

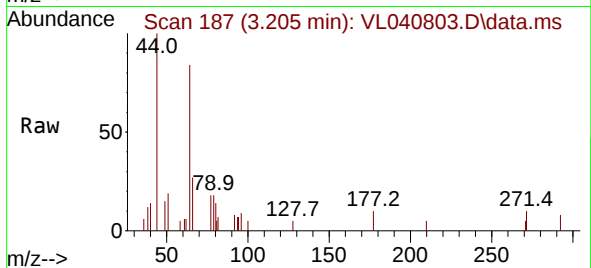
Tgt Ion: 94 Resp: 3193
 Ion Ratio Lower Upper
 94 100
 96 54.4 72.6 109.0#





#7
Chloroethane
Concen: 0.130 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

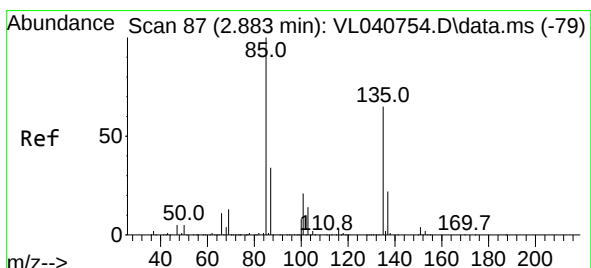
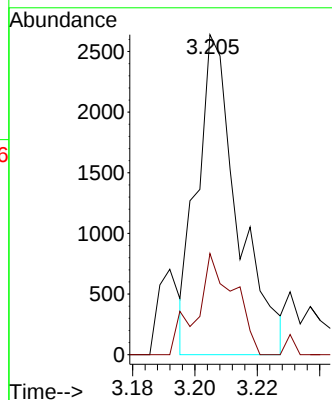
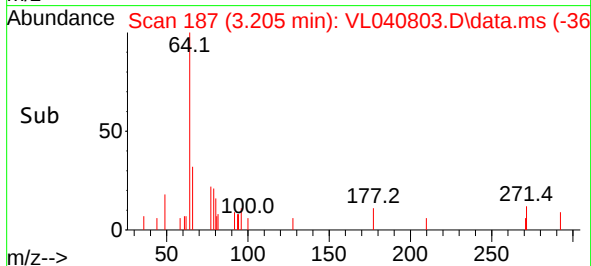
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 64 Resp: 238
Ion Ratio Lower Upper
64 100
66 31.6 25.4 38.2

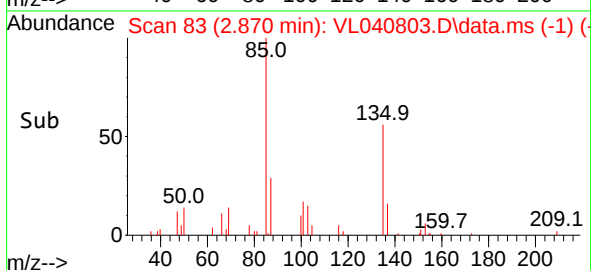
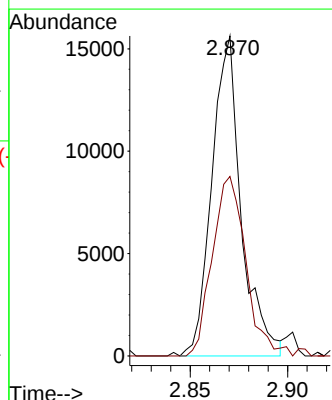
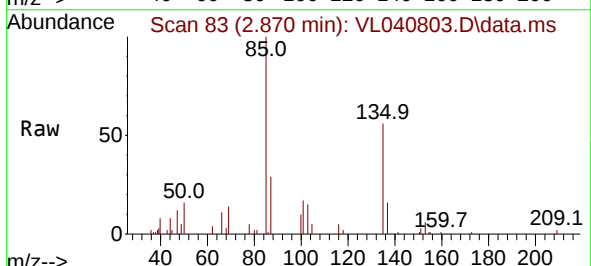
Manual Integrations
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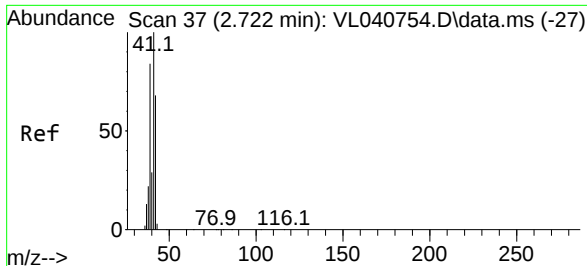
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#8
Dichlorotetrafluoroethane
Concen: 0.131 ppbv
RT: 2.870 min Scan# 83
Delta R.T. -0.013 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion: 85 Resp: 16376
Ion Ratio Lower Upper
85 100
135 64.8 55.4 83.2





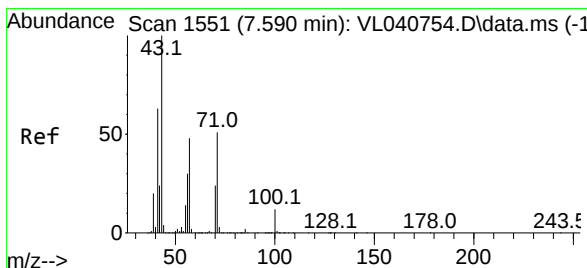
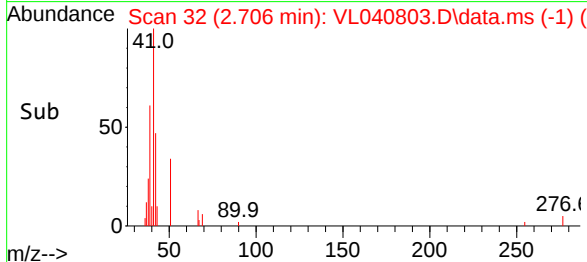
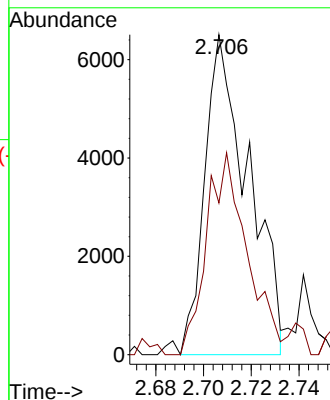
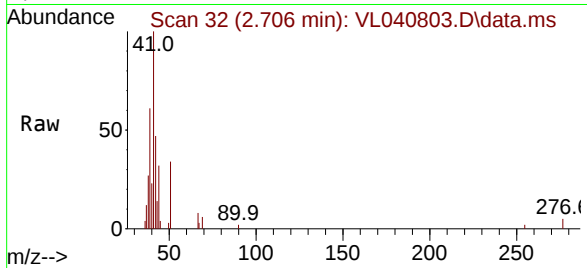
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 Propene
 Concen: 0.162 ppbv m
 RT: 2.706 min Scan# 31
 Delta R.T. -0.016 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

Instrument :
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 MDL-AIR-03-QT4-2023DL

Tgt Ion: 41 Resp: 8249
 Ion Ratio Lower Upper
 41 100
 42 68.5 57.1 85.7

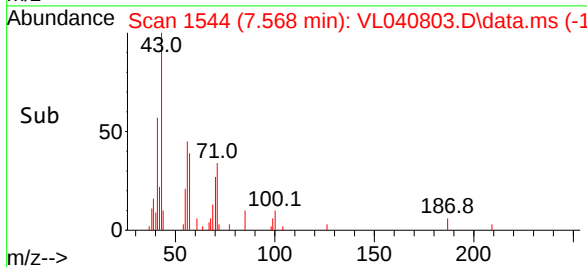
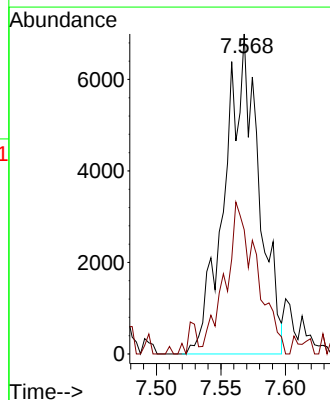
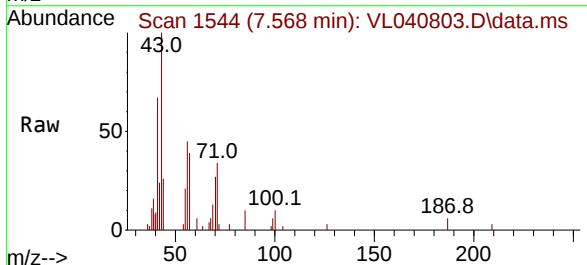
Manual Integrations
 APPROVED

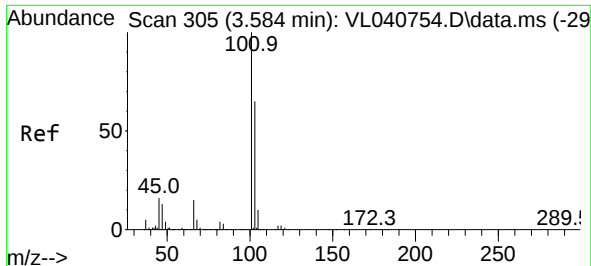
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#10
 Heptane
 Concen: 0.100 ppbv m
 RT: 7.568 min Scan# 1544
 Delta R.T. -0.022 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

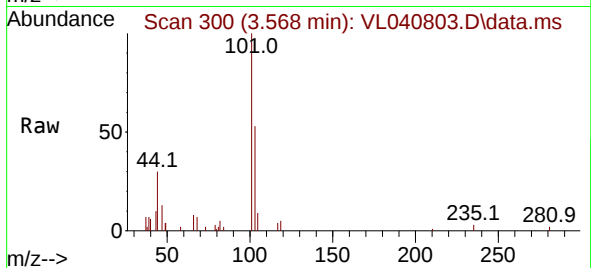
Tgt Ion: 43 Resp: 12834
 Ion Ratio Lower Upper
 43 100
 57 47.4 40.0 60.0





#11
Trichlorofluoromethane
Concen: 0.125 ppbv
RT: 3.568 min Scan# 305
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

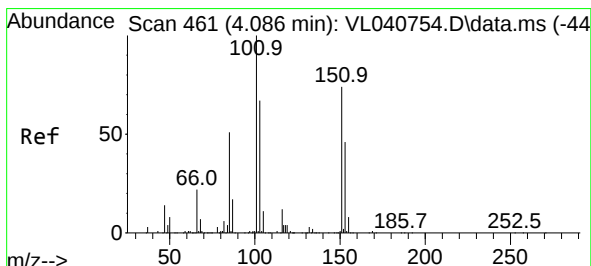
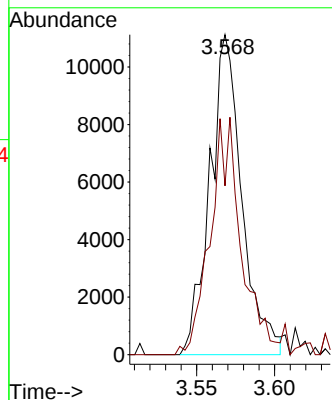
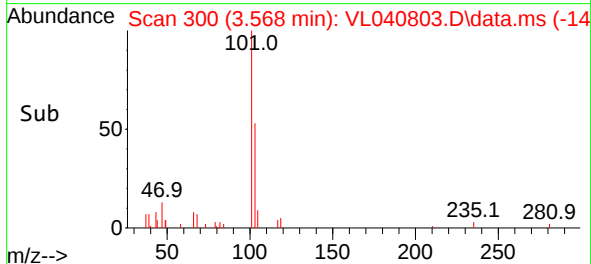
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion:101 Resp: 1592
Ion Ratio Lower Upper
101 100
103 50.1 52.2 78.2

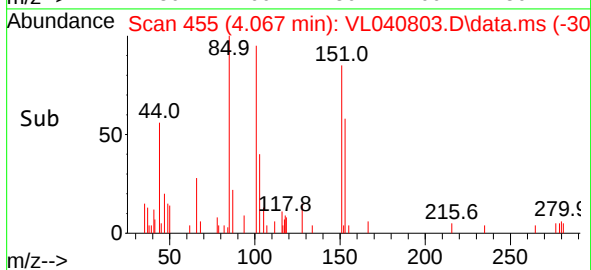
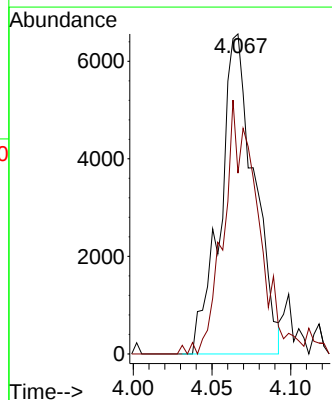
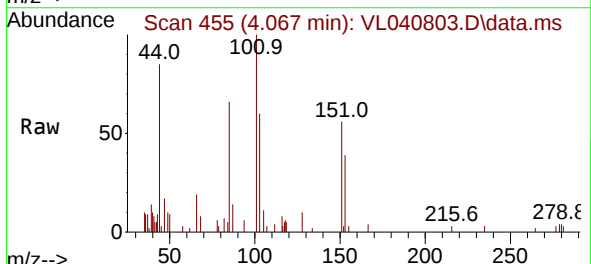
Manual Integrations
APPROVED

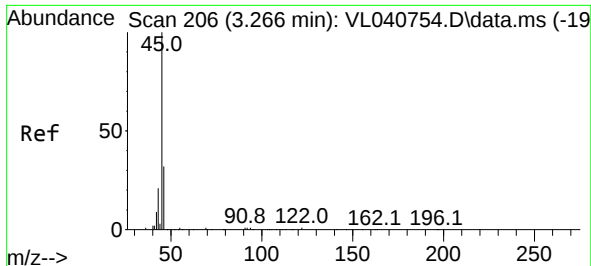
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.109 ppbv m
RT: 4.067 min Scan# 455
Delta R.T. -0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion:101 Resp: 9864
Ion Ratio Lower Upper
101 100
151 83.5 58.1 87.1





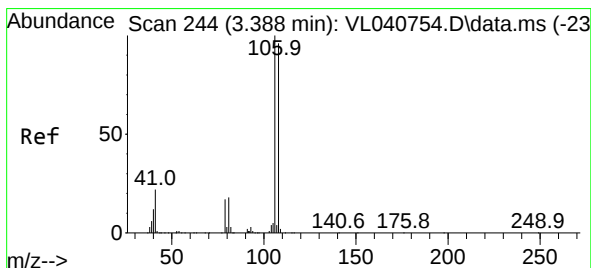
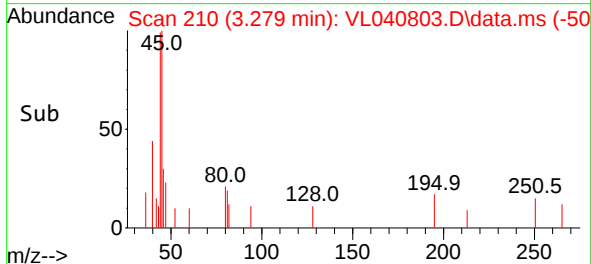
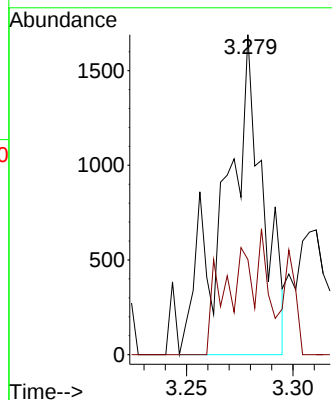
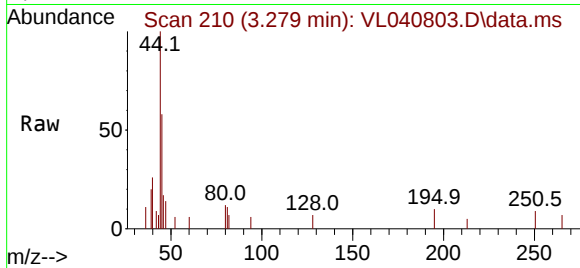
#13
Ethanol
Concen: 0.183 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.013 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 45 Resp: 2110
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

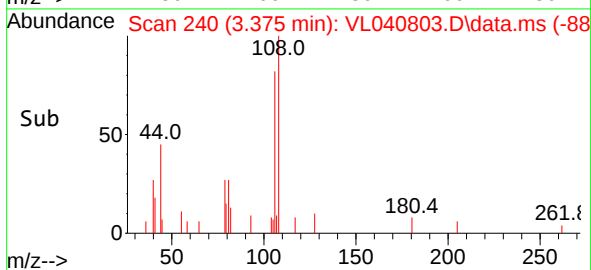
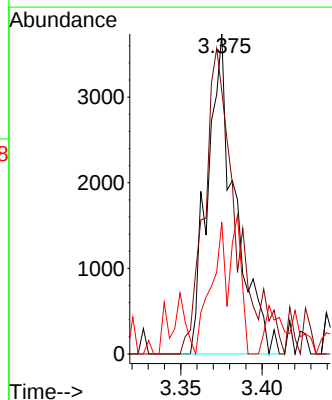
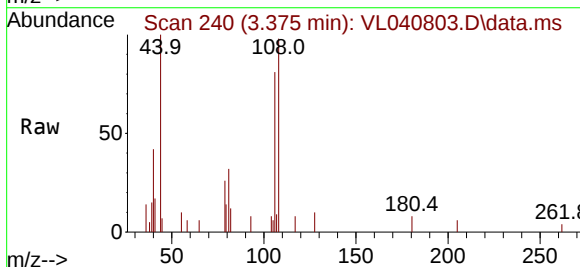
Manual Integrations
APPROVED

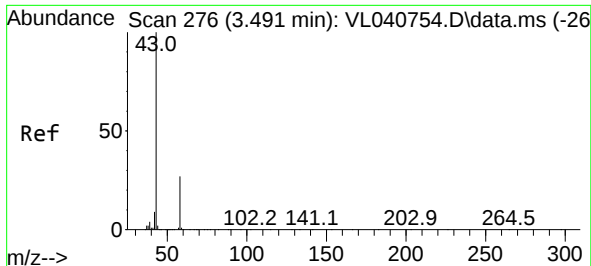
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#14
Bromoethene
Concen: 0.114 ppbv m
RT: 3.375 min Scan# 240
Delta R.T. -0.013 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

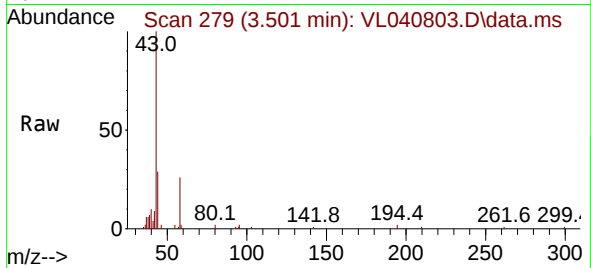
Tgt Ion:108 Resp: 4410
Ion Ratio Lower Upper
108 100
106 115.9 85.2 127.8
79 22.2 15.7 23.5





#15
Acetone
Concen: 0.226 ppbv m
RT: 3.501 min Scan# 2182
Delta R.T. 0.010 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

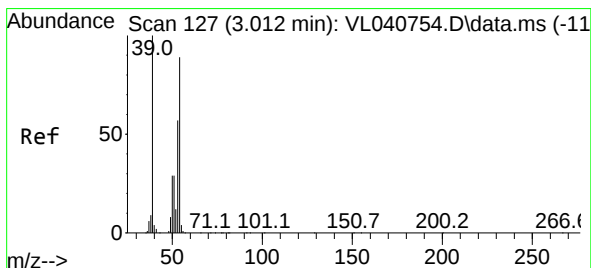
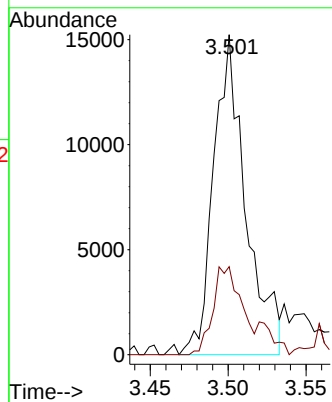
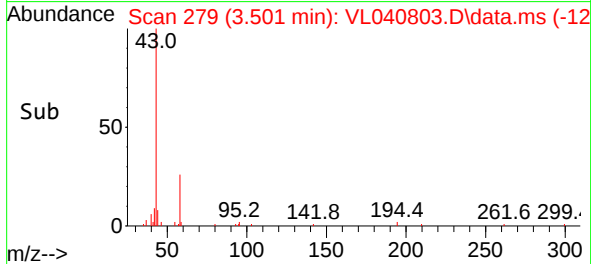
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



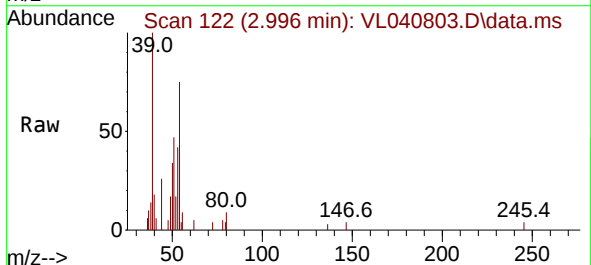
Tgt Ion: 43 Resp: 2182
Ion Ratio Lower Upper
43 100
58 0.0 21.6 32.4

Manual Integrations
APPROVED

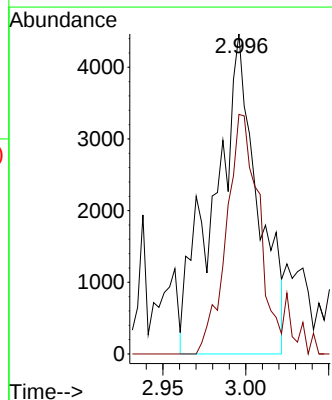
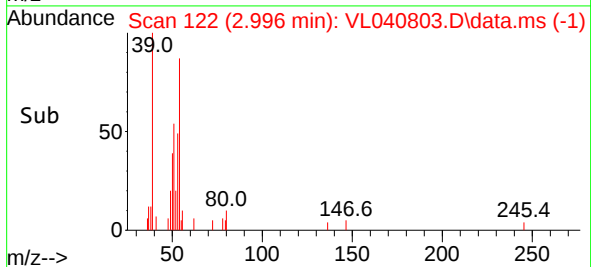
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

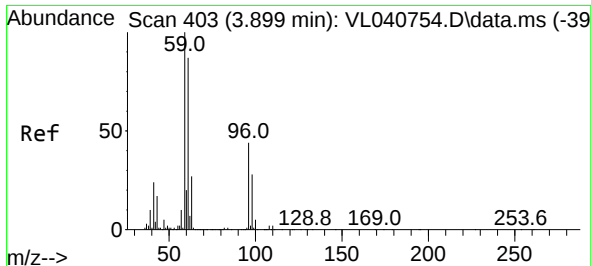


#16
1,3-Butadiene
Concen: 0.161 ppbv m
RT: 2.996 min Scan# 122
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



Tgt Ion: 39 Resp: 8153
Ion Ratio Lower Upper
39 100
54 60.7 63.0 94.6





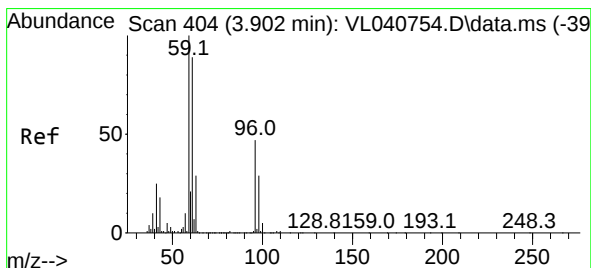
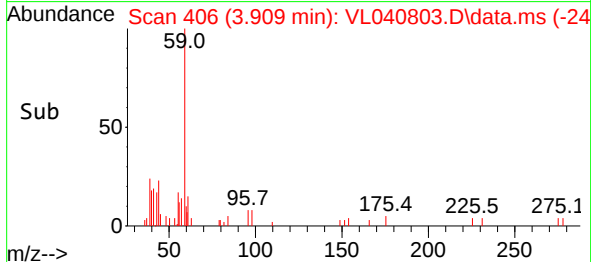
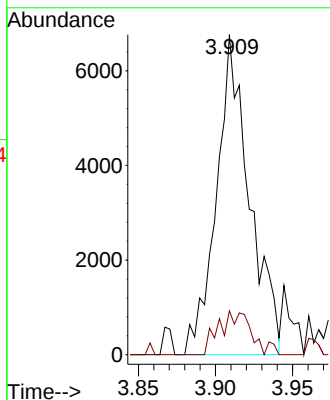
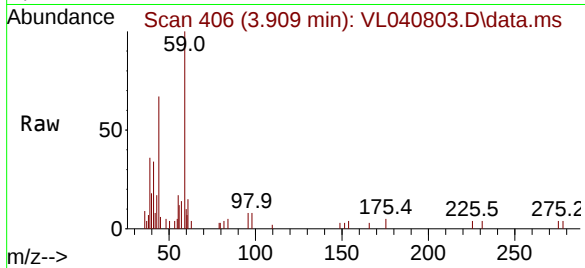
#17
tert-Butyl alcohol
Concen: 0.102 ppbv m
RT: 3.909 min Scan# 403
Delta R.T. 0.010 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 59 Resp: 10070
Ion Ratio Lower Upper
59 100
57 0.5 8.6 13.0

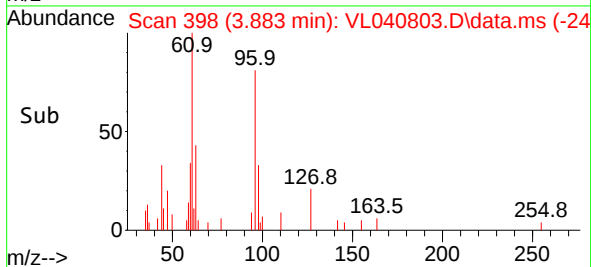
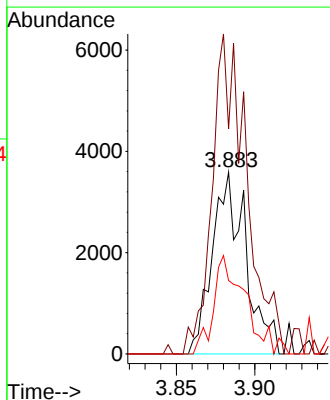
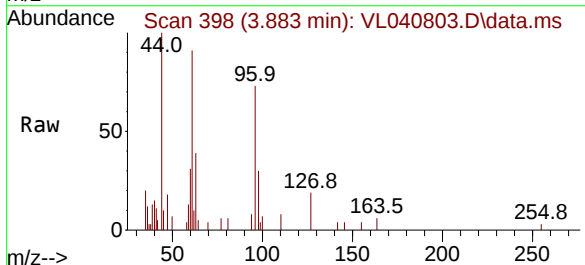
Manual Integrations
APPROVED

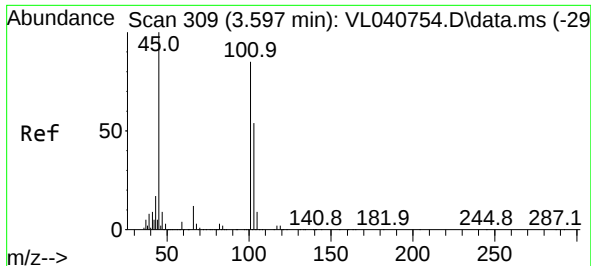
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#18
1,1-Dichloroethene
Concen: 0.131 ppbv m
RT: 3.883 min Scan# 398
Delta R.T. -0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

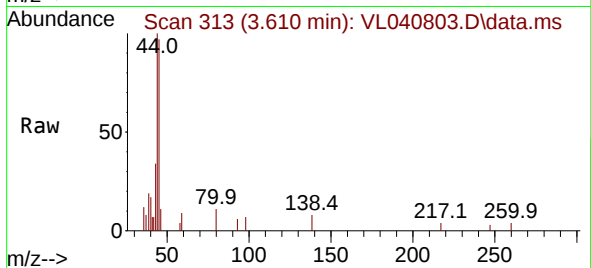
Tgt Ion: 96 Resp: 5332
Ion Ratio Lower Upper
96 100
61 123.9 152.5 228.7#
98 40.4 49.6 74.4#





#19
Isopropyl Alcohol
Concen: 0.121 ppbv m
RT: 3.610 min Scan# 313
Delta R.T. 0.013 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

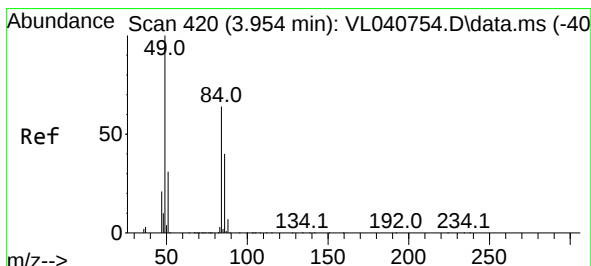
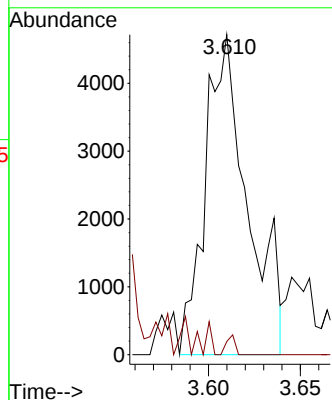
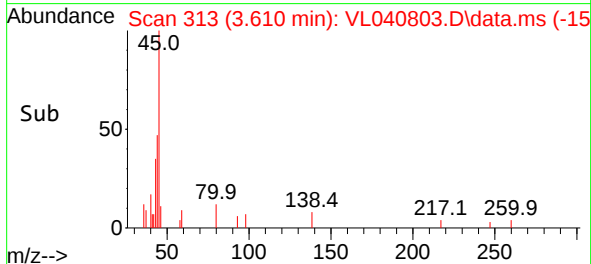
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 45 Resp: 755
Ion Ratio Lower Upper
45 100
58 0.0 30.3 45.5

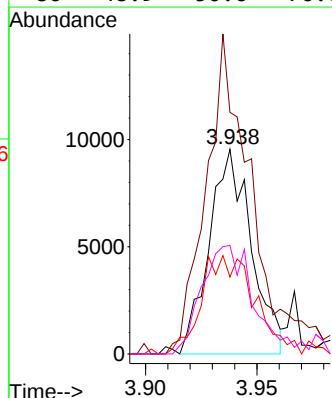
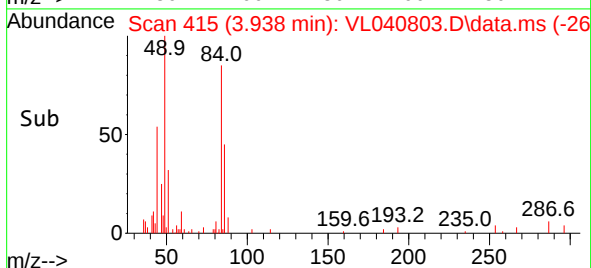
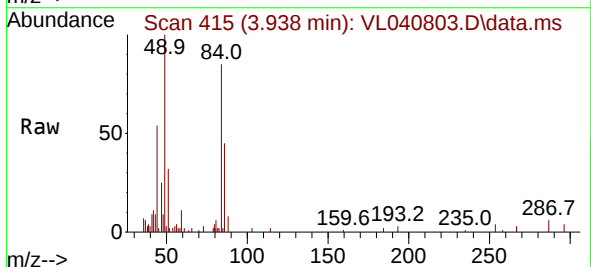
Manual Integrations
APPROVED

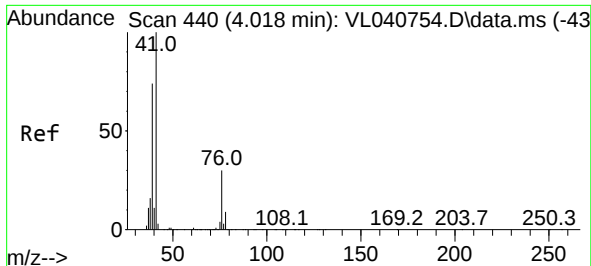
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#20
Methylene Chloride
Concen: 0.312 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

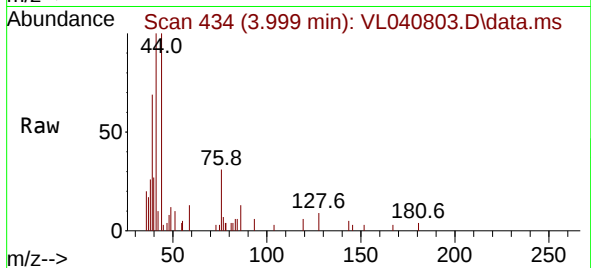
Tgt Ion: 84 Resp: 12548
Ion Ratio Lower Upper
84 100
49 115.0 125.6 188.4#
51 31.8 38.9 58.3#
86 48.9 50.6 76.0#





#21
 Allyl Chloride
 Concen: 0.124 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

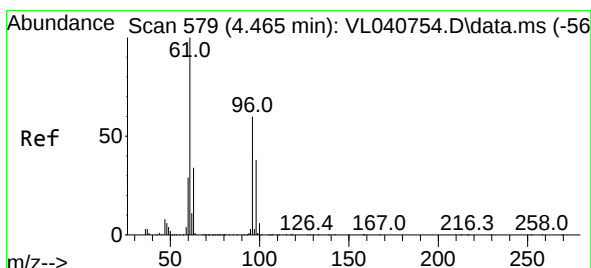
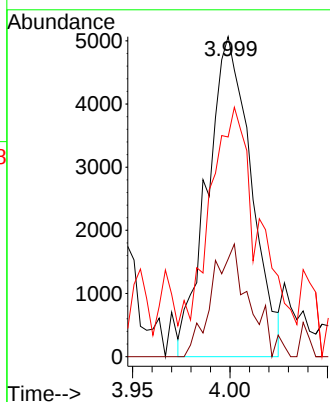
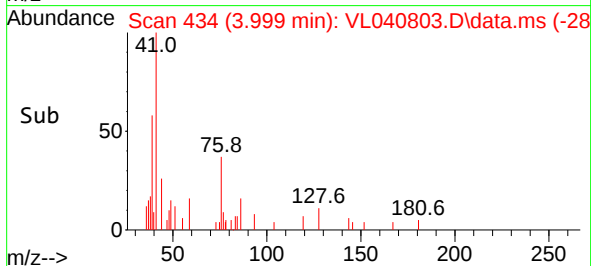
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL



Tgt Ion: 41 Resp: 7920
 Ion Ratio Lower Upper
 41 100
 76 32.5 24.1 36.1
 39 92.6 63.8 95.6

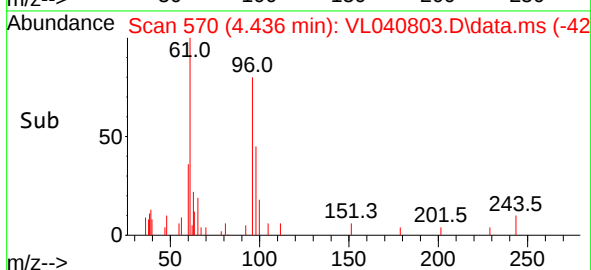
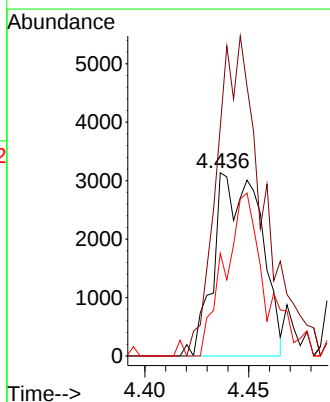
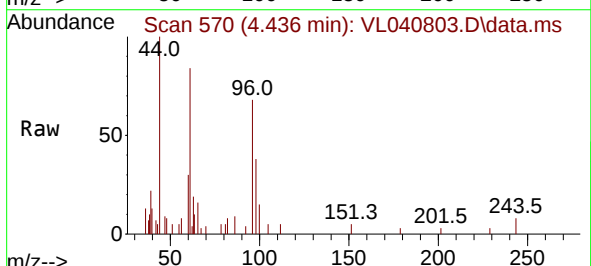
Manual Integrations
 APPROVED

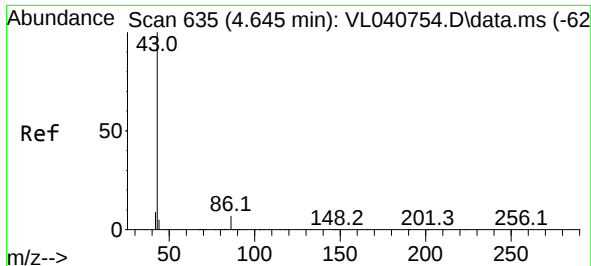
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.114 ppbv m
 RT: 4.436 min Scan# 570
 Delta R.T. -0.029 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

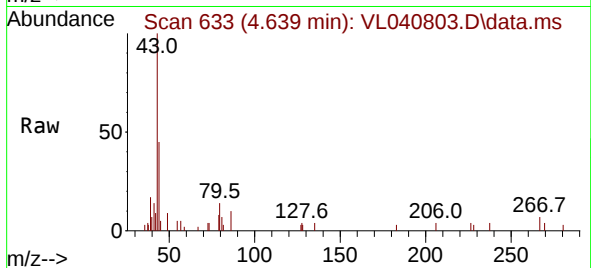
Tgt Ion: 96 Resp: 4910
 Ion Ratio Lower Upper
 96 100
 61 125.0 134.0 201.0#
 98 56.0 51.0 76.4





#23
 Vinyl Acetate
 Concen: 0.096 ppbv m
 RT: 4.639 min Scan# 618
 Delta R.T. -0.006 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

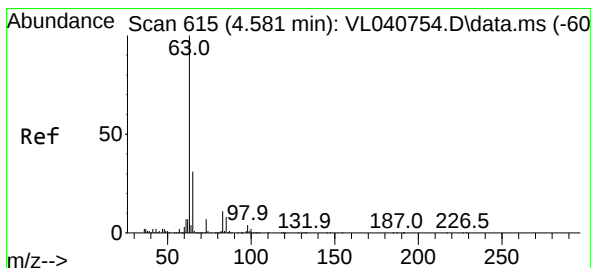
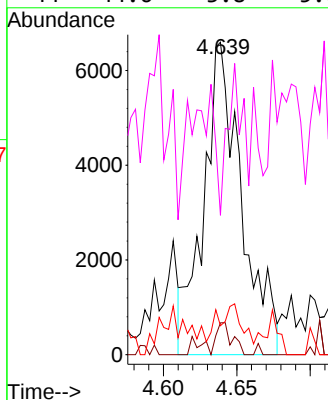
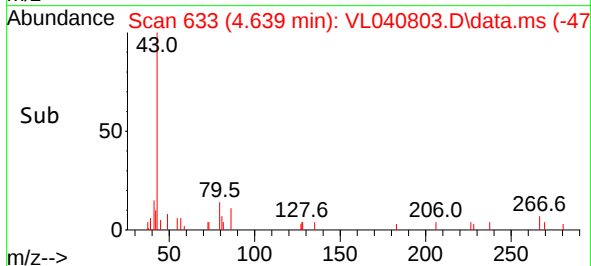
Instrument : MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL



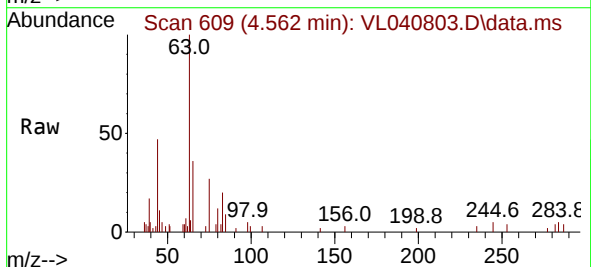
Tgt Ion: 43 Resp: 11870
 Ion Ratio Lower Upper
 43 100
 86 10.2 4.9 7.3
 42 9.3 7.8 11.6
 44 44.6 3.8 5.6#

Manual Integrations
 APPROVED

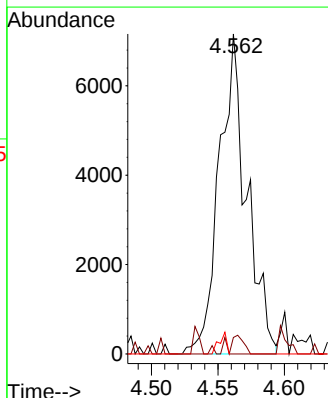
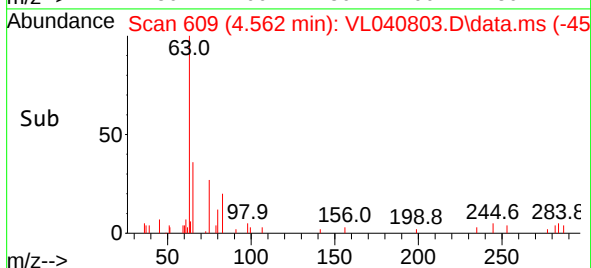
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

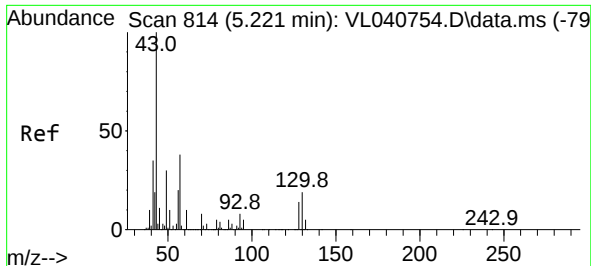


#24
 1,1-Dichloroethane
 Concen: 0.111 ppbv m
 RT: 4.562 min Scan# 609
 Delta R.T. -0.019 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54



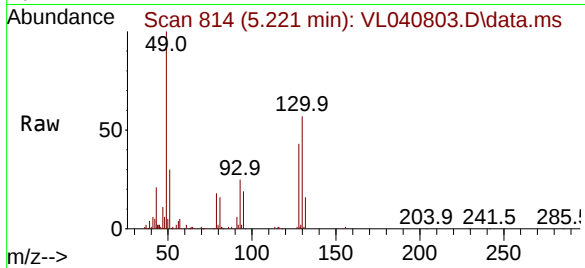
Tgt Ion: 63 Resp: 10305
 Ion Ratio Lower Upper
 63 100
 98 5.5 2.0 5.8
 100 0.0 1.3 3.8#





#25
Ethyl Acetate
Concen: 0.118 ppbv m
RT: 5.221 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

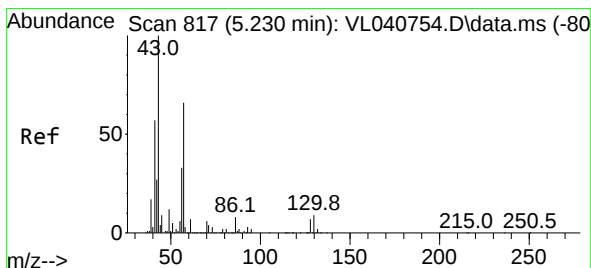
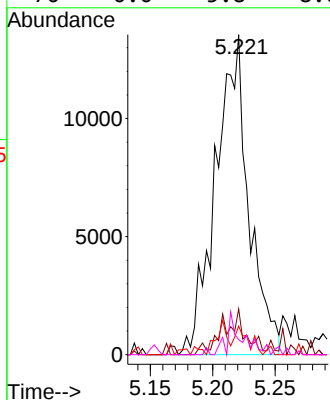
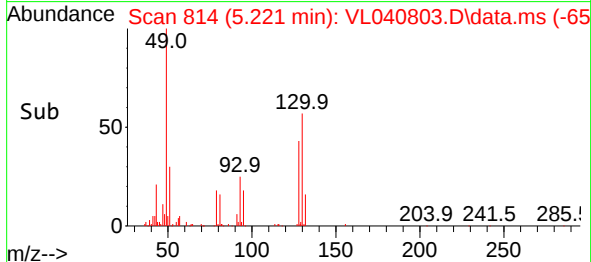
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 43 Resp: 24950
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.4#
61 0.0 8.2 12.2#
70 0.0 5.8 8.6#

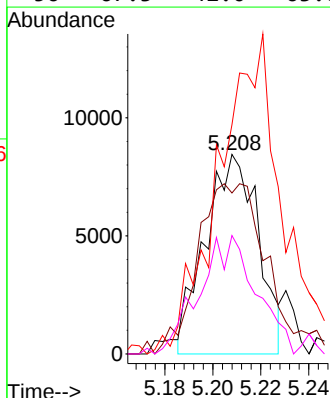
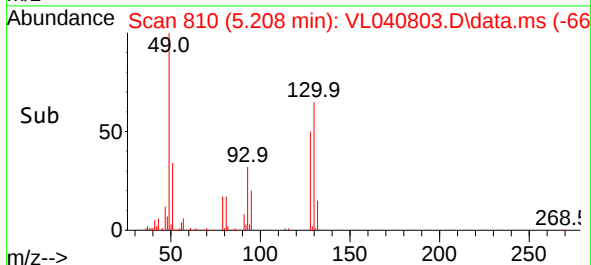
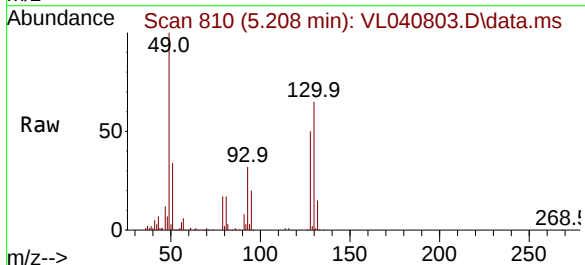
Manual Integrations
APPROVED

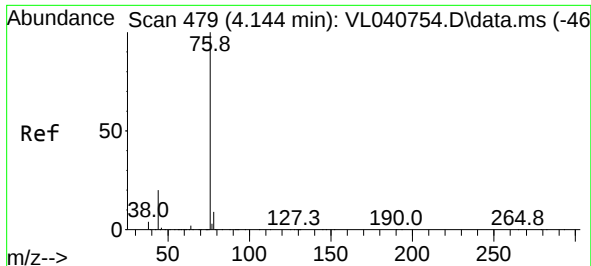
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#26
Hexane
Concen: 0.134 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.022 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

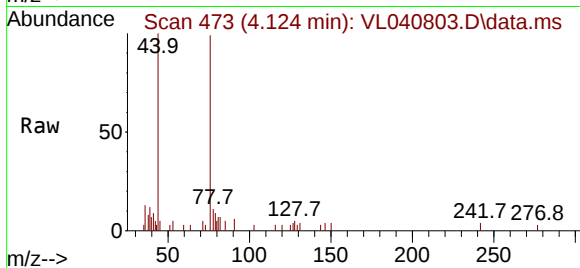
Tgt Ion: 57 Resp: 12972
Ion Ratio Lower Upper
57 100
41 115.1 71.4 107.2#
43 0.0 182.3 273.5#
56 67.3 42.0 63.0#





#27
Carbon Disulfide
Concen: 0.088 ppbv
RT: 4.124 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

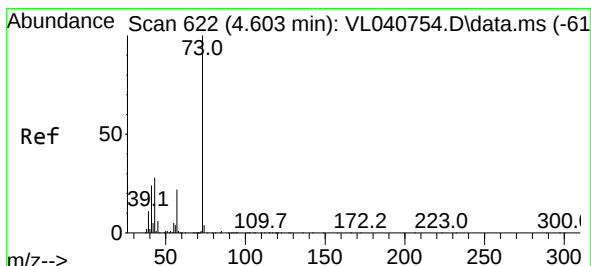
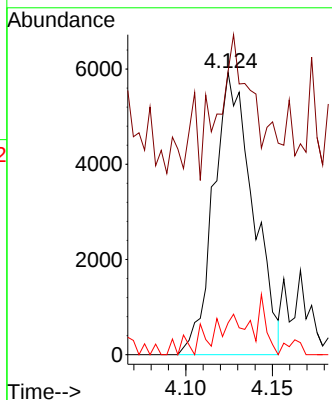
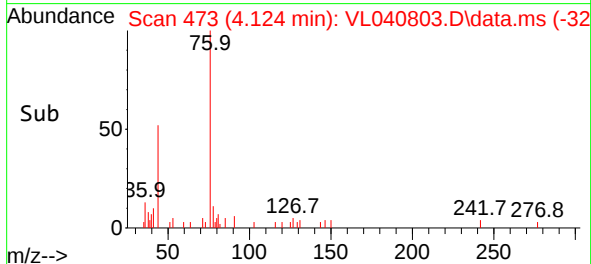
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 76 Resp: 938
Ion Ratio Lower Upper
76 100
44 90.9 16.6 25.0
78 0.0 7.8 11.6

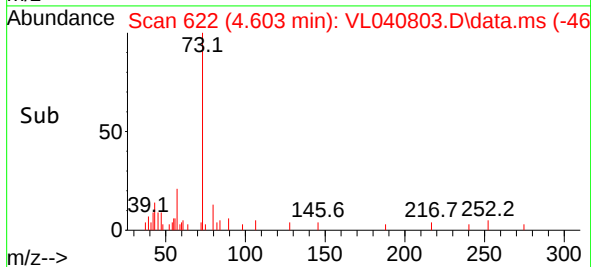
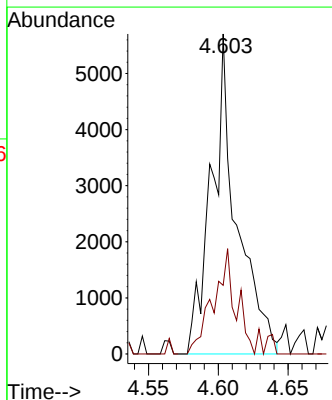
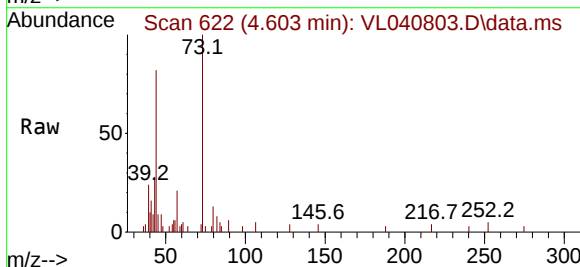
Manual Integrations
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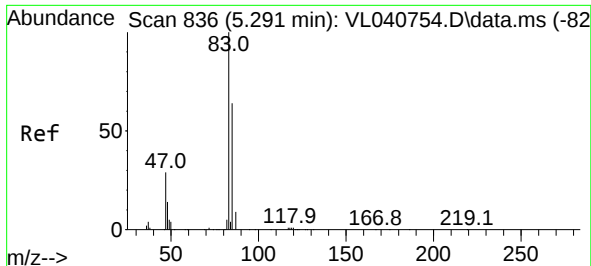
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#28
Methyl tert-Butyl Ether
Concen: 0.096 ppbv m
RT: 4.603 min Scan# 622
Delta R.T. 0.000 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion: 73 Resp: 7198
Ion Ratio Lower Upper
73 100
57 0.0 18.9 28.3





#29

Chloroform

Concen: 0.115 ppbv

RT: 5.266 min Scan# 81

Delta R.T. -0.026 min

Lab File: VL040803.D

Acq: 25 Oct 2023 16:54

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

Tgt Ion: 83 Resp: 16128

Ion Ratio Lower Upper

83 100

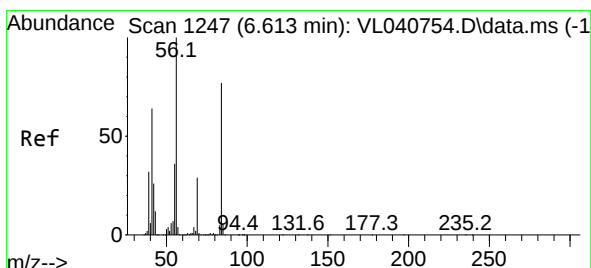
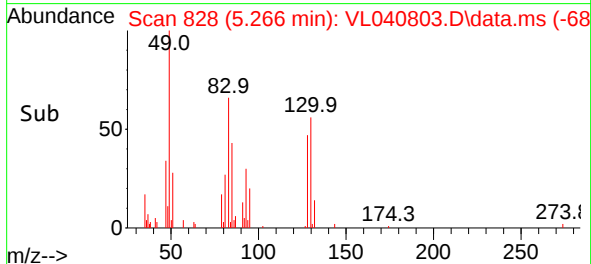
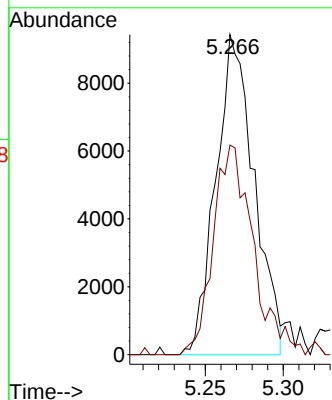
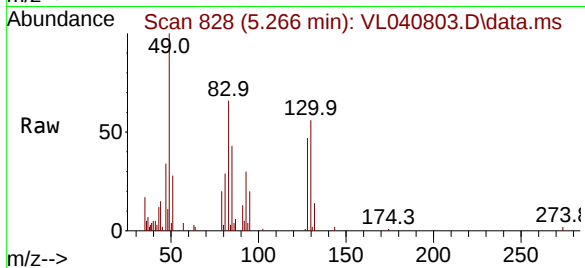
85 65.5 51.3 76.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#30

Cyclohexane

Concen: 0.110 ppbv m

RT: 6.587 min Scan# 1239

Delta R.T. -0.026 min

Lab File: VL040803.D

Acq: 25 Oct 2023 16:54

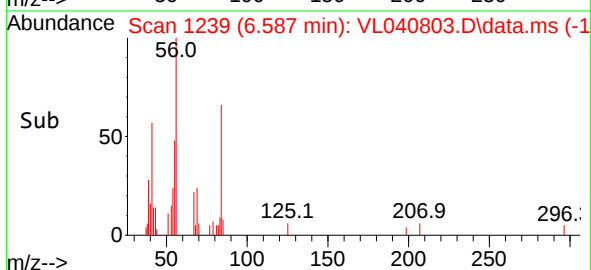
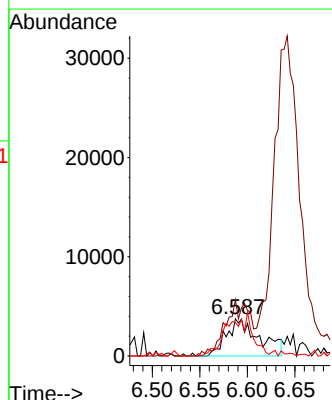
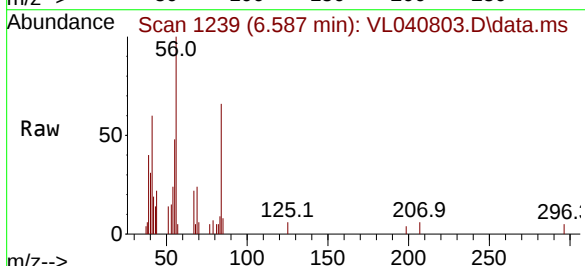
Tgt Ion: 84 Resp: 9034

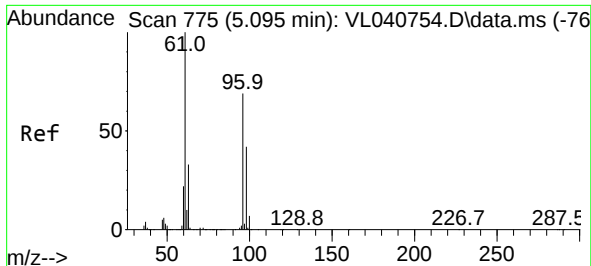
Ion Ratio Lower Upper

84 100

56 0.0 110.3 165.5#

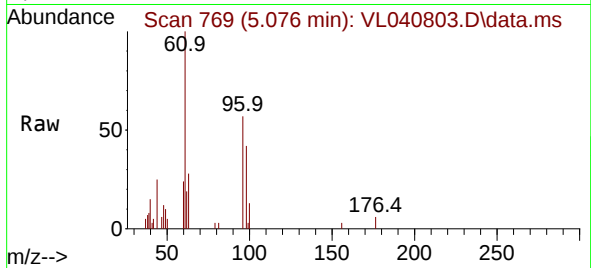
41 0.0 67.4 101.2#





#31
 cis-1,2-Dichloroethene
 Concen: 0.107 ppbv m
 RT: 5.076 min Scan# 71
 Delta R.T. -0.019 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

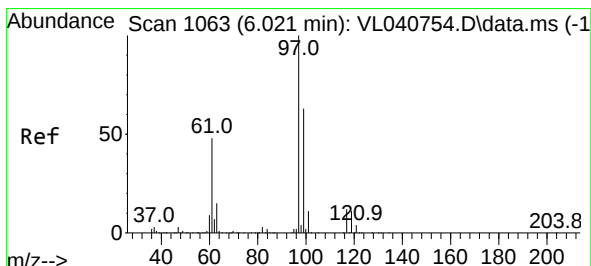
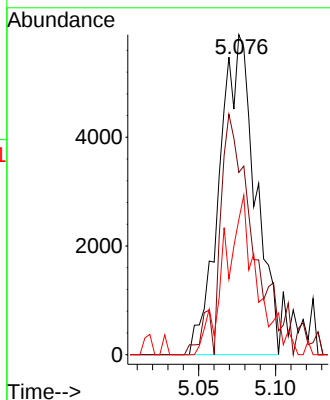
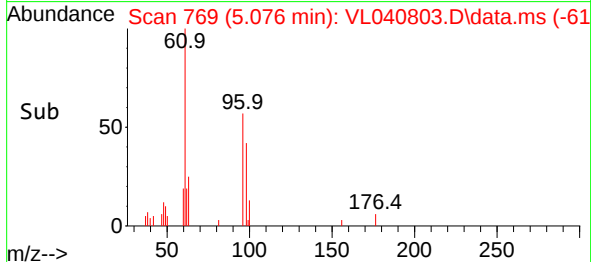
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL



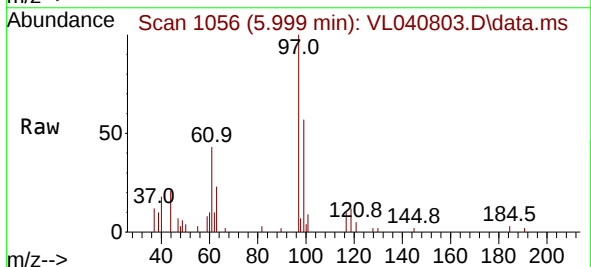
Tgt Ion: 61 Resp: 956
 Ion Ratio Lower Upper
 61 100
 96 57.0 55.1 82.7
 98 42.3 33.5 50.3

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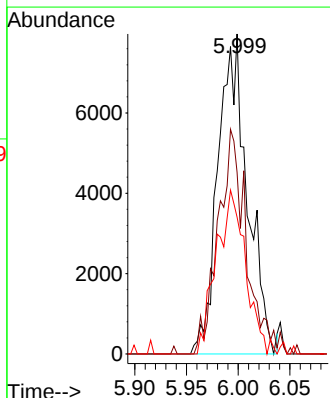
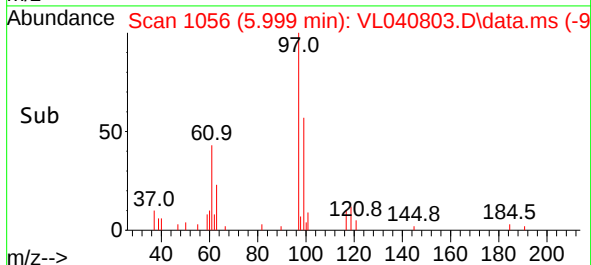
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023

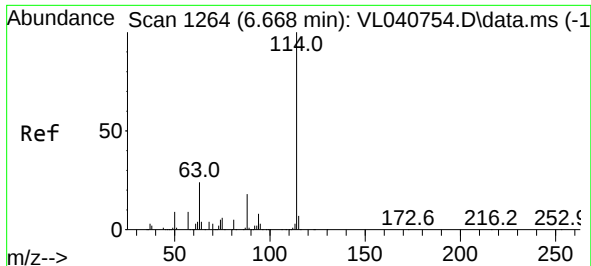


#32
 1,1,1-Trichloroethane
 Concen: 0.105 ppbv m
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.022 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54



Tgt Ion: 97 Resp: 15726
 Ion Ratio Lower Upper
 97 100
 99 67.6 51.8 77.6
 61 51.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. -0.026 min

Lab File: VL040803.D

Acq: 25 Oct 2023 16:54

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

Tgt Ion:114 Resp: 246575

Ion Ratio Lower Upper

114 100

63 25.3 19.8 29.6

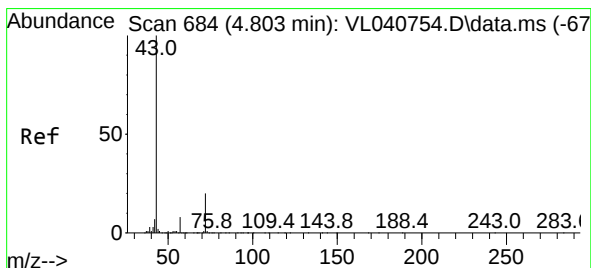
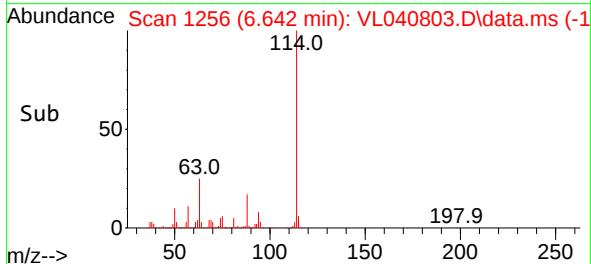
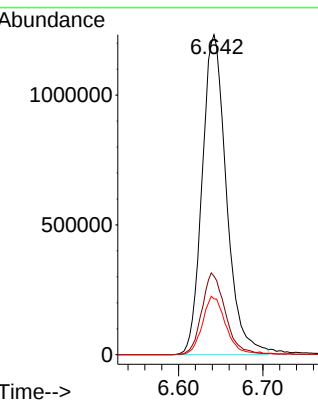
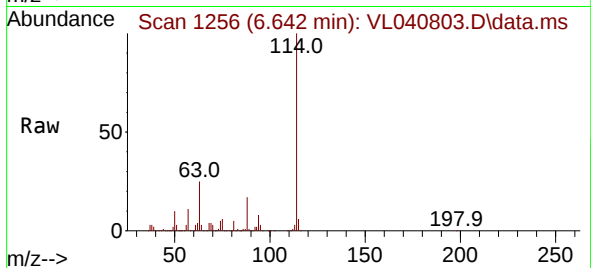
88 17.8 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#34

2-Butanone

Concen: 0.132 ppbv m

RT: 4.809 min Scan# 686

Delta R.T. 0.007 min

Lab File: VL040803.D

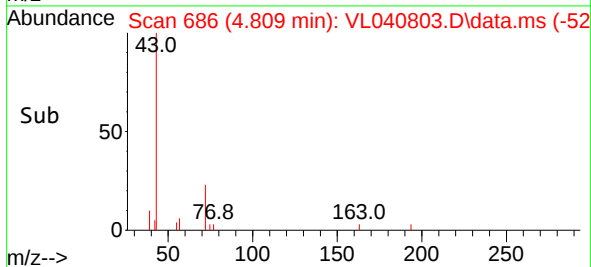
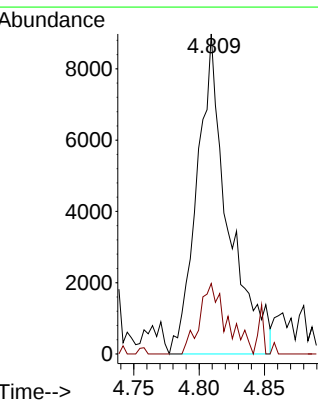
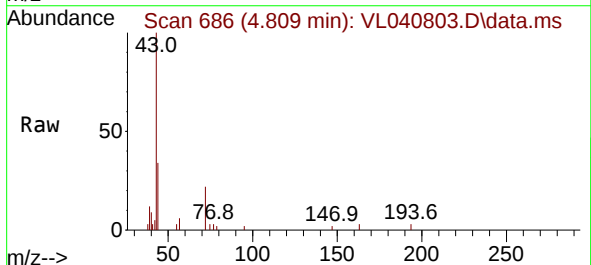
Acq: 25 Oct 2023 16:54

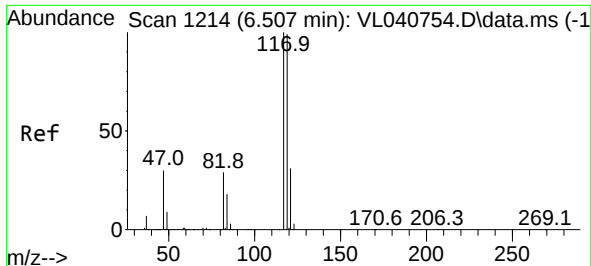
Tgt Ion: 43 Resp: 14782

Ion Ratio Lower Upper

43 100

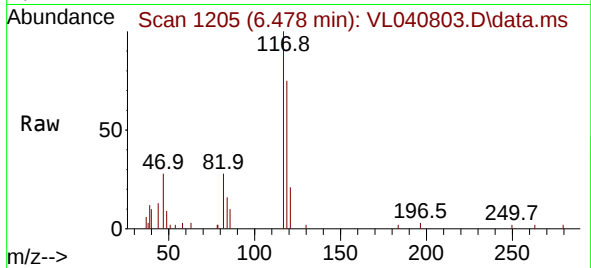
72 0.0 16.8 25.2#





#35
Carbon Tetrachloride
Concen: 0.108 ppbv m
RT: 6.478 min Scan# 117
Delta R.T. -0.029 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

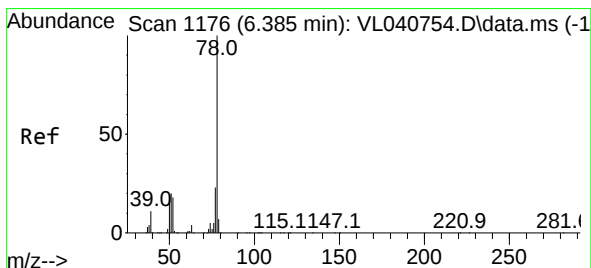
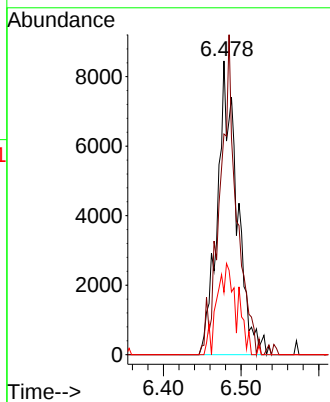
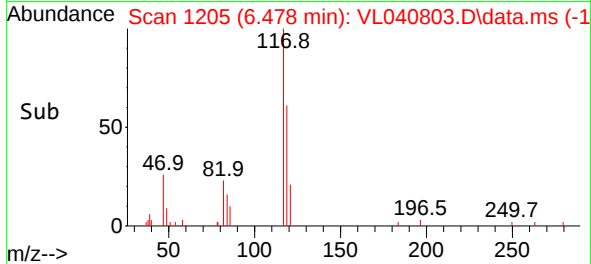
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 117 Resp: 14940
Ion Ratio Lower Upper
117 100
119 75.1 79.4 119.0#
121 21.2 25.0 37.4#

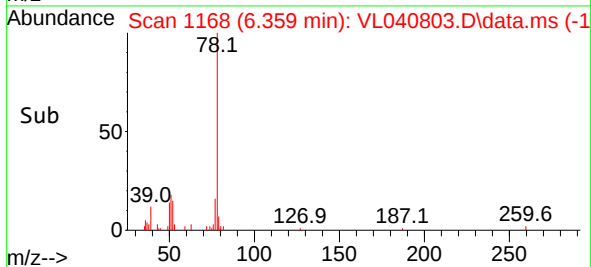
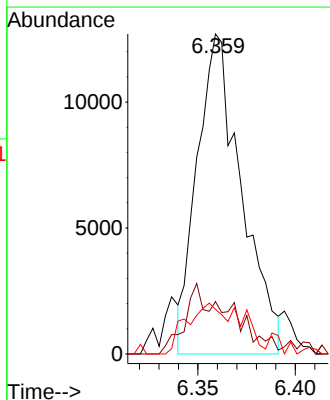
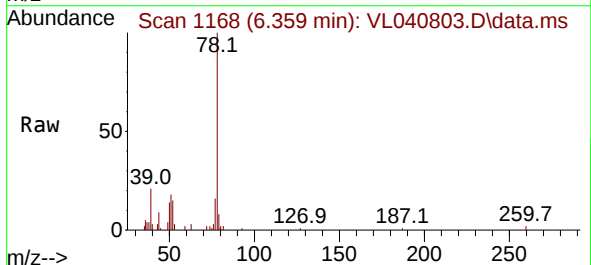
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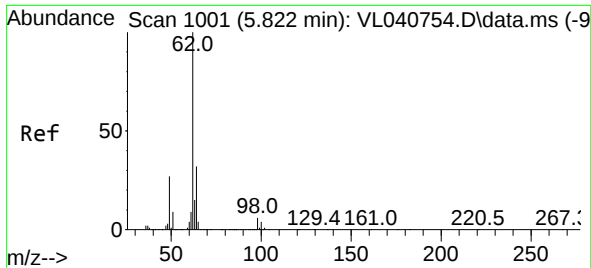
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#36
Benzene
Concen: 0.106 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion: 78 Resp: 20057
Ion Ratio Lower Upper
78 100
77 17.2 18.4 27.6#
50 9.3 15.0 22.4#





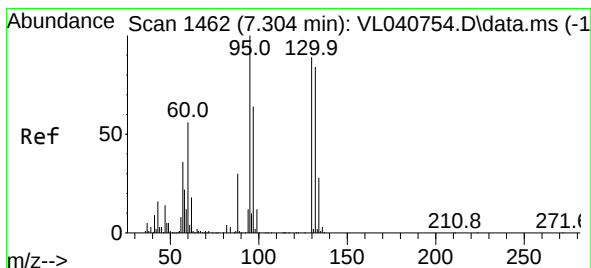
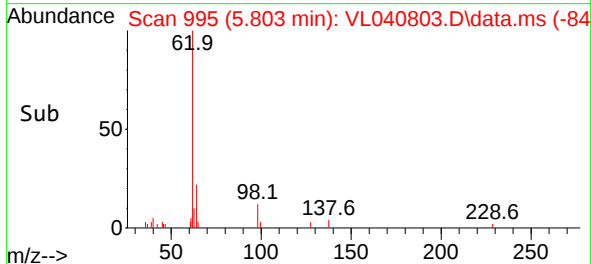
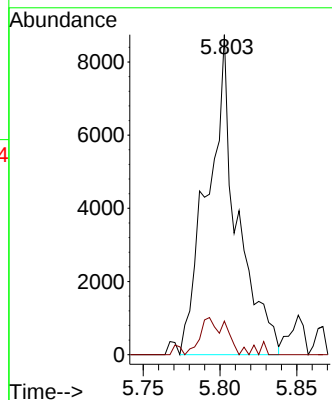
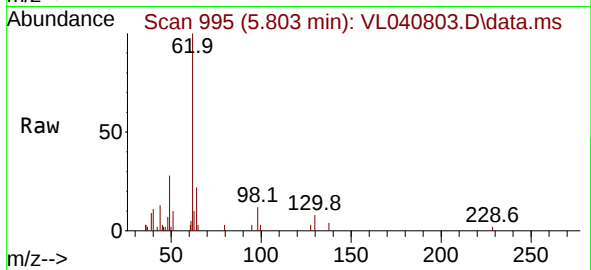
#37
1,2-Dichloroethane
Concen: 0.121 ppbv m
RT: 5.803 min Scan# 995
Delta R.T. -0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 62 Resp: 11700
Ion Ratio Lower Upper
62 100
98 0.0 5.4 8.0

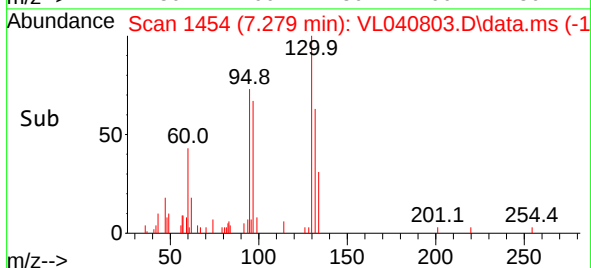
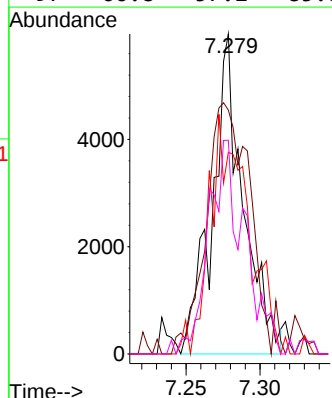
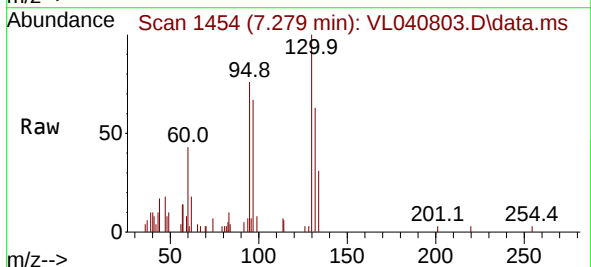
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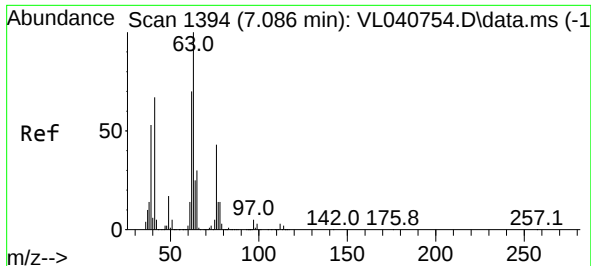
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#38
Trichloroethene
Concen: 0.103 ppbv m
RT: 7.279 min Scan# 1454
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion:130 Resp: 8684
Ion Ratio Lower Upper
130 100
95 76.2 89.4 134.2#
132 63.0 74.8 112.2#
97 66.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.156 ppbv m

RT: 7.054 min Scan# 1384

Delta R.T. -0.032 min

Lab File: VL040803.D

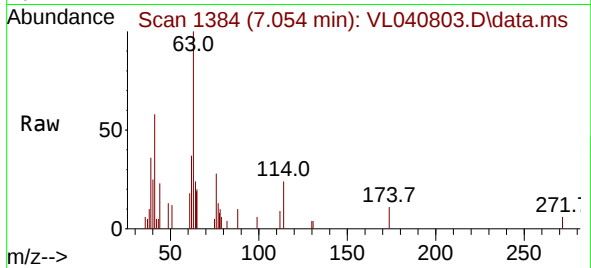
Acq: 25 Oct 2023 16:54

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL



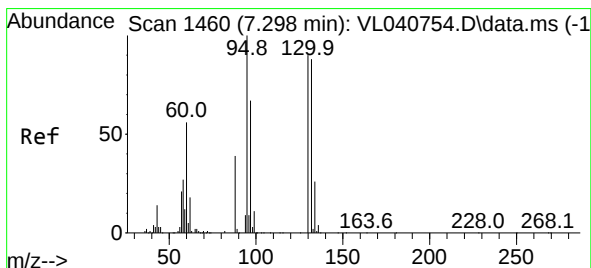
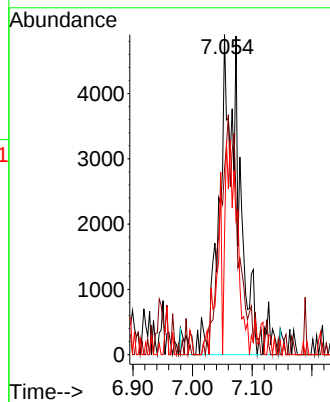
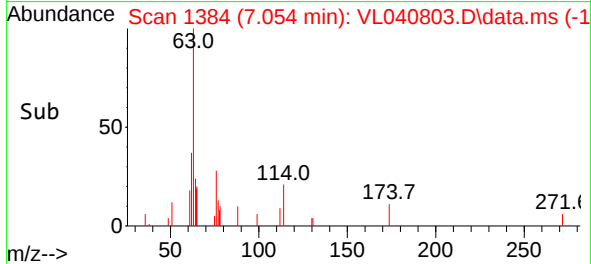
Tgt Ion:	63	Resp:	1159
Ion Ratio	100	Lower	Upper
63	100		
41	57.9	53.7	80.5
62	36.7	55.7	83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#40

1,4-Dioxane

Concen: 0.114 ppbv m

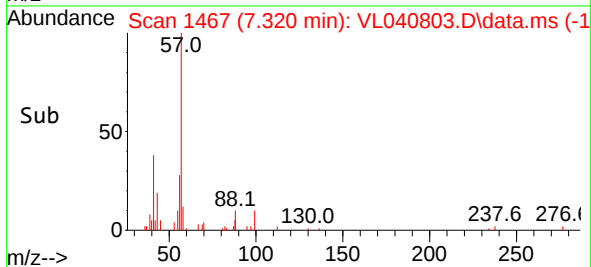
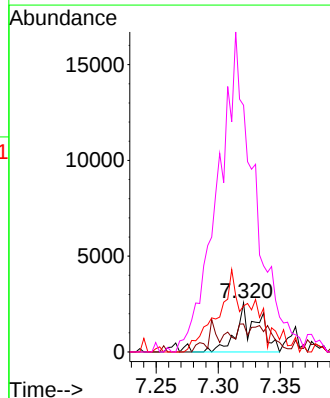
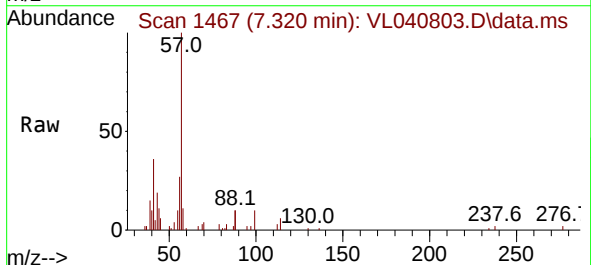
RT: 7.320 min Scan# 1467

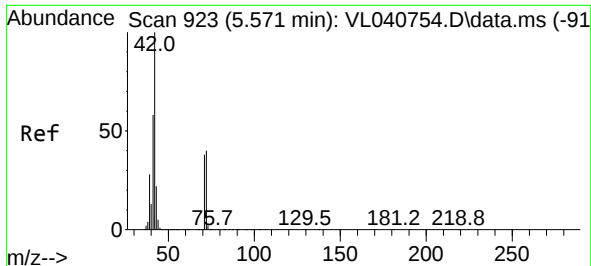
Delta R.T. 0.023 min

Lab File: VL040803.D

Acq: 25 Oct 2023 16:54

Tgt Ion:	88	Resp:	3210
Ion Ratio	100	Lower	Upper
88	100		
58	0.0	100.0	150.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





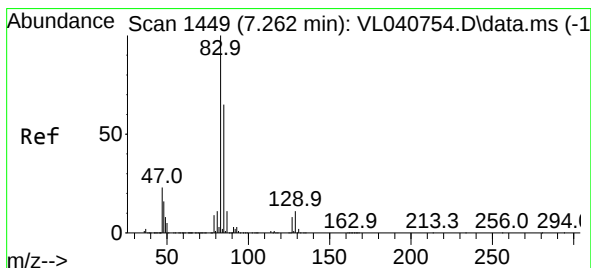
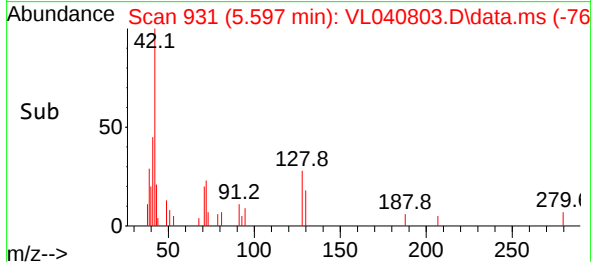
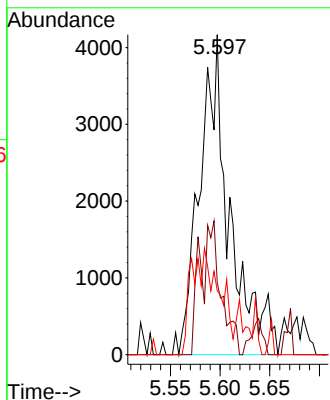
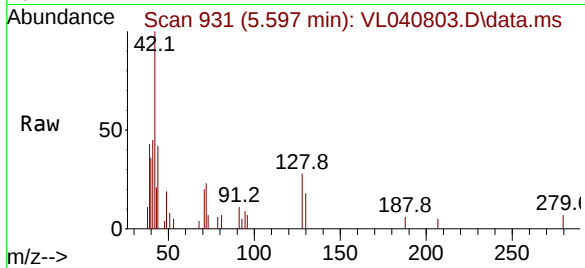
#41
Tetrahydrofuran
Concen: 0.112 ppbv m
RT: 5.597 min Scan# 91
Delta R.T. 0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 42 Resp: 864
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7
71 0.0 29.7 44.5

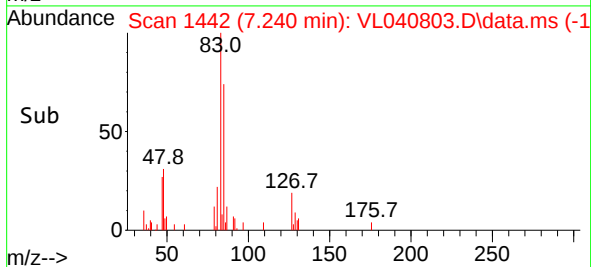
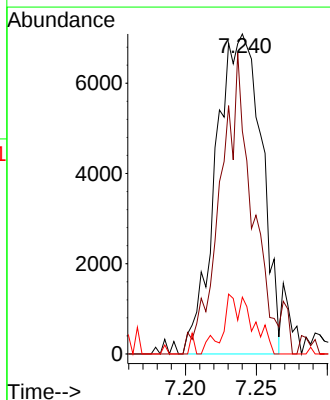
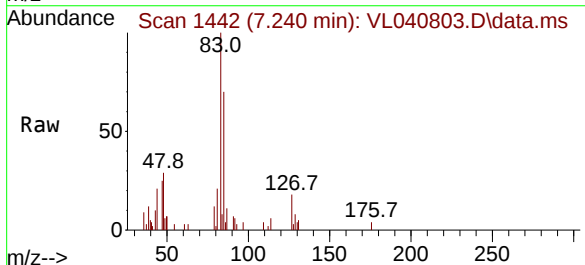
Manual Integrations
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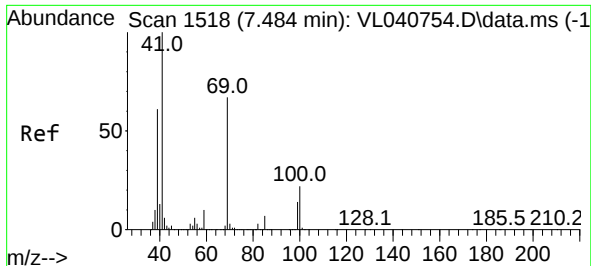
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#42
Bromodichloromethane
Concen: 0.109 ppbv m
RT: 7.240 min Scan# 1442
Delta R.T. -0.022 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

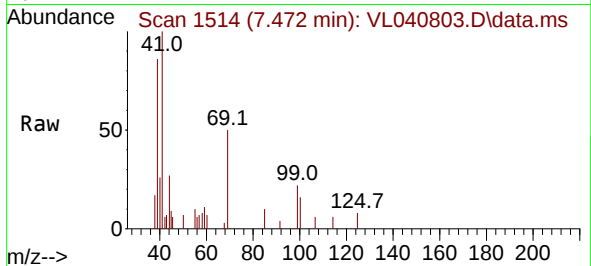
Tgt Ion: 83 Resp: 15873
Ion Ratio Lower Upper
83 100
85 69.7 52.1 78.1
127 17.7 6.7 10.1





#43
Methyl Methacrylate
Concen: 0.080 ppbv m
RT: 7.472 min Scan# 1465
Delta R.T. -0.013 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

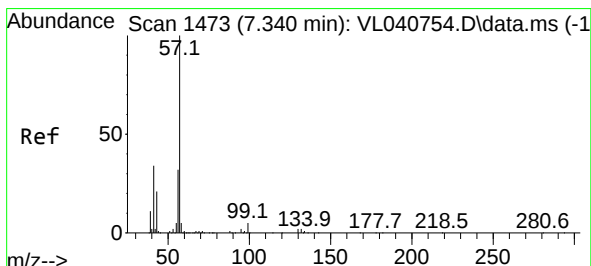
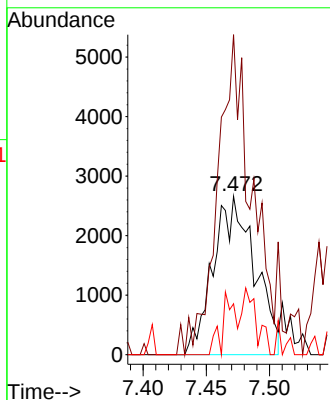
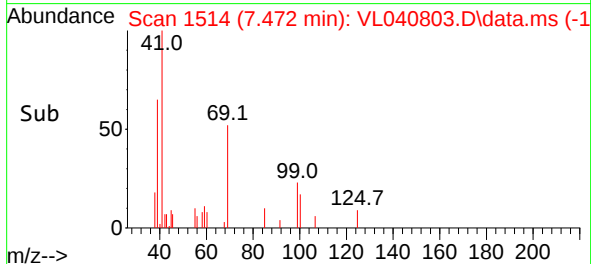
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL



Tgt Ion: 69 Resp: 608
Ion Ratio Lower Upper
69 100
41 0.0 120.6 181.0
100 0.0 27.1 40.7

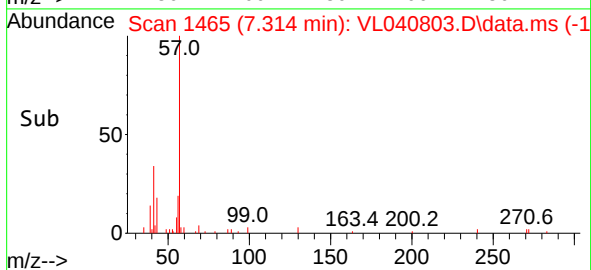
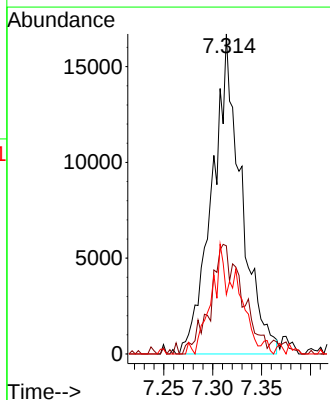
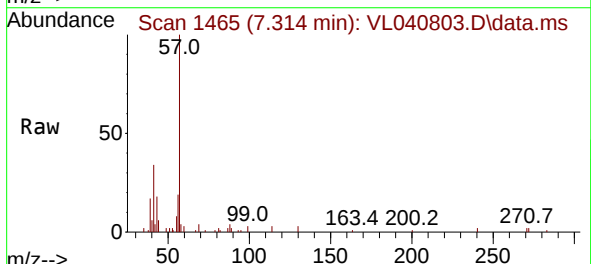
Manual Integrations
APPROVED

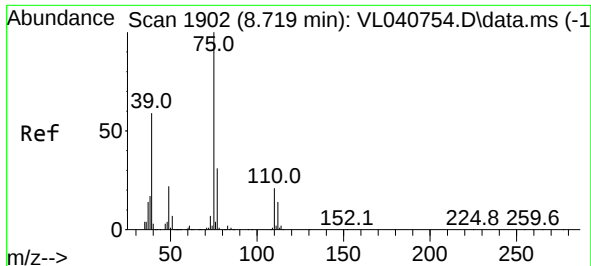
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#44
2,2,4-Trimethylpentane
Concen: 0.108 ppbv m
RT: 7.314 min Scan# 1465
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion: 57 Resp: 34500
Ion Ratio Lower Upper
57 100
41 40.9 27.4 41.0
56 33.3 25.0 37.6





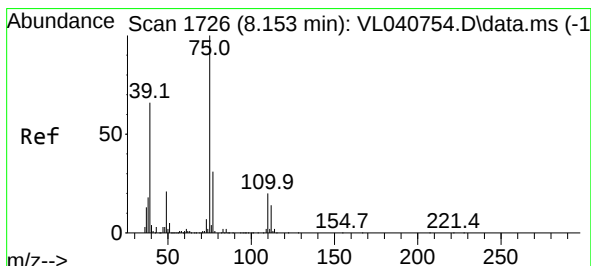
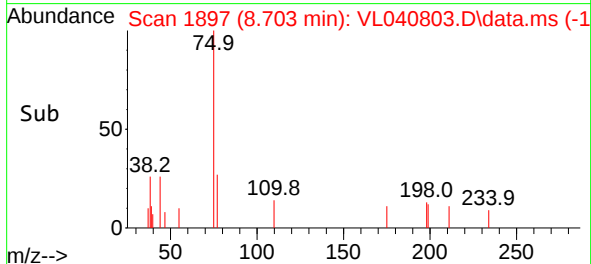
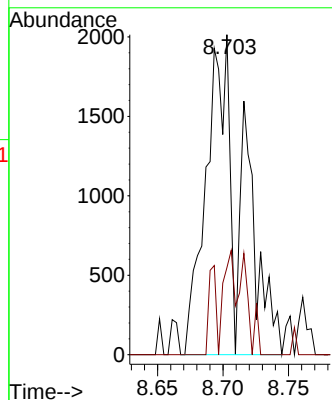
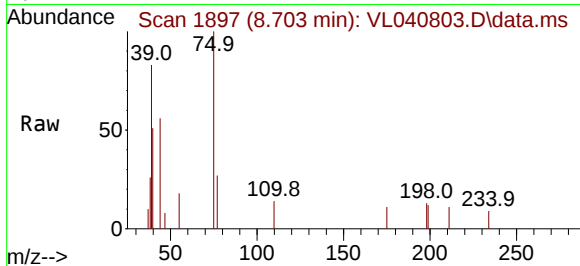
#45
 t-1,3-Dichloropropene
 Concen: 0.062 ppbv m
 RT: 8.703 min Scan# 11
 Delta R.T. -0.016 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL

Tgt Ion: 75 Resp: 3774
 Ion Ratio Lower Upper
 75 100
 77 27.2 24.9 37.3

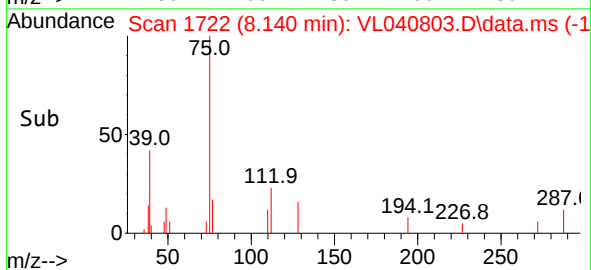
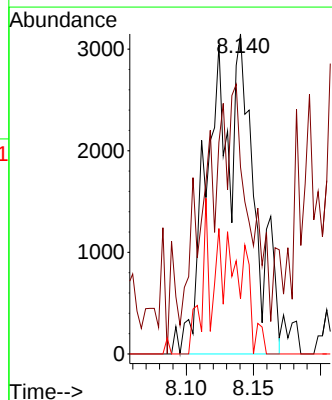
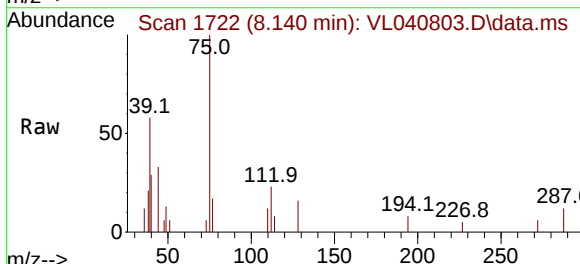
Manual Integrations
 APPROVED

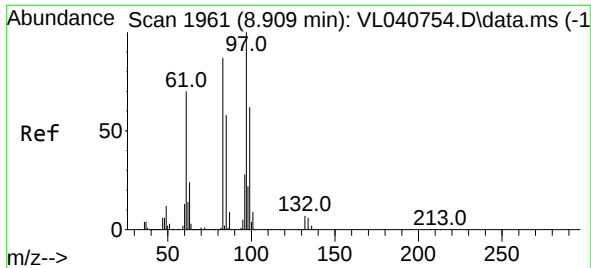
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#46
 cis-1,3-Dichloropropene
 Concen: 0.093 ppbv m
 RT: 8.140 min Scan# 1722
 Delta R.T. -0.013 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

Tgt Ion: 75 Resp: 6884
 Ion Ratio Lower Upper
 75 100
 39 58.4 52.4 78.6
 77 17.2 25.1 37.7#





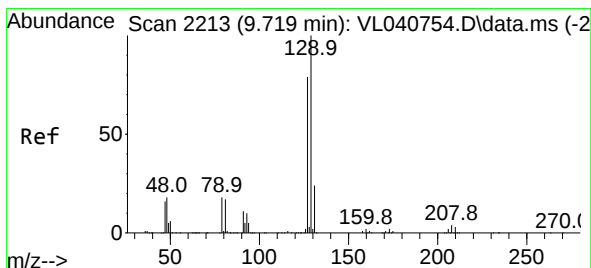
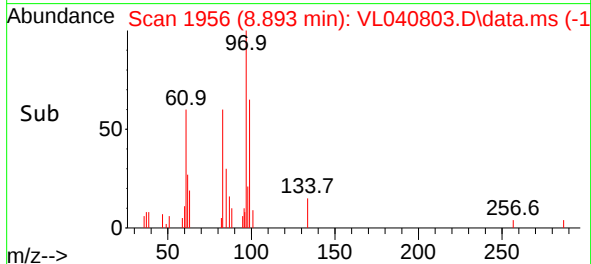
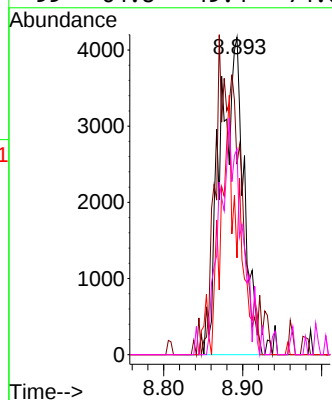
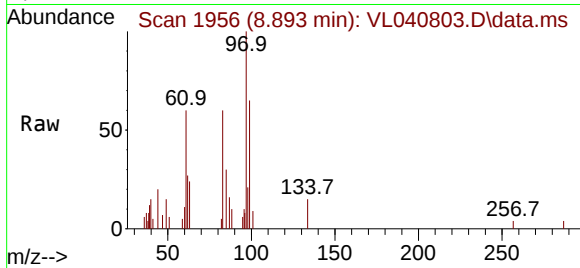
#47
1,1,2-Trichloroethane
Concen: 0.113 ppbv m
RT: 8.893 min Scan# 1956
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT4-2023DL

Tgt Ion: 97 Resp: 8818
Ion Ratio Lower Upper
97 100
83 60.0 69.5 104.3
85 30.5 46.6 69.8
99 64.8 49.4 74.0

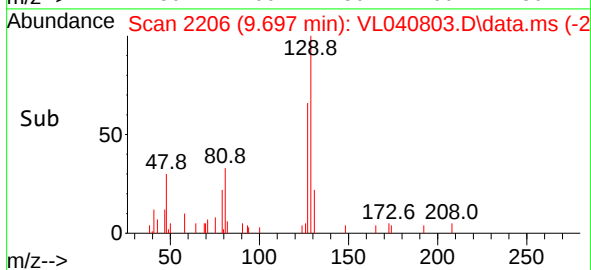
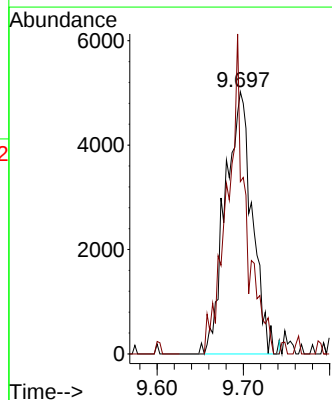
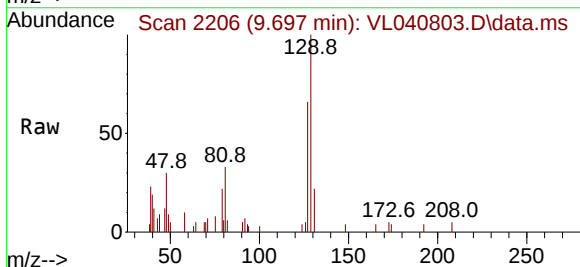
Manual Integrations
APPROVED

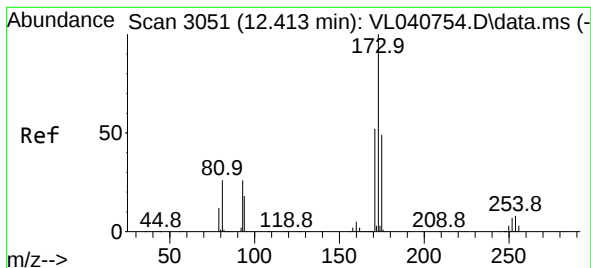
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#48
Dibromochloromethane
Concen: 0.083 ppbv m
RT: 9.697 min Scan# 2206
Delta R.T. -0.022 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion:129 Resp: 10844
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.3#





#49

Bromoform

Concen: 0.073 ppbv m

RT: 12.391 min Scan# 3051

Delta R.T. -0.022 min

Lab File: VL040803.D

Acq: 25 Oct 2023 16:54

Instrument :

MSVOA_L

ClientSampleId :

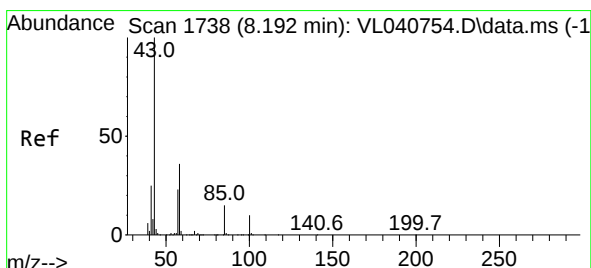
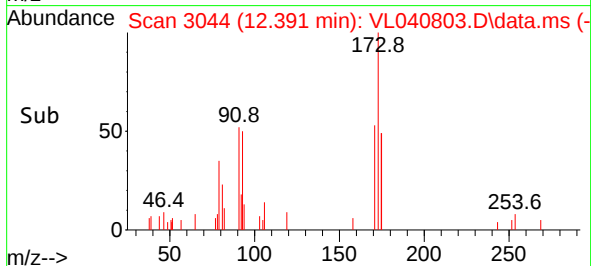
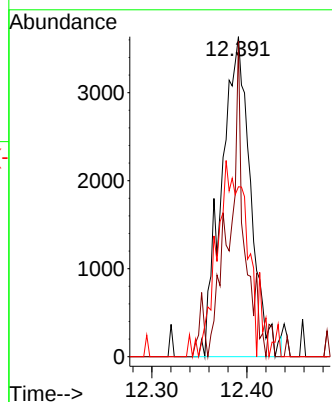
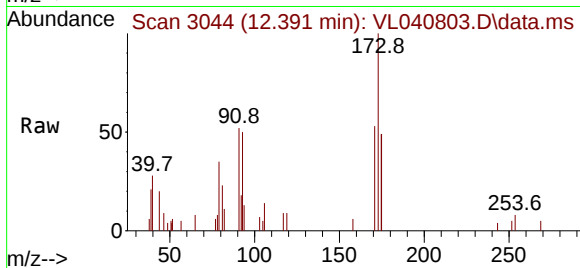
MDL-AIR-03-QT4-2023DL

Tgt Ion:	173	Resp:	769
Ion Ratio	Lower	Upper	
173	100		
175	0.0	39.2	58.8
171	0.0	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#50

4-Methyl-2-Pentanone

Concen: 0.092 ppbv m

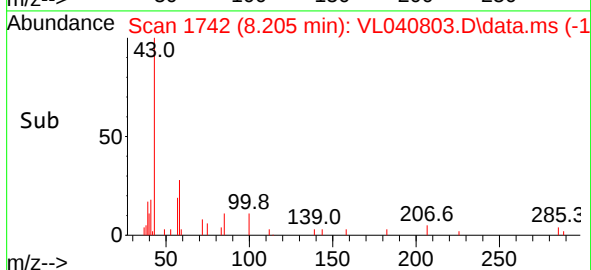
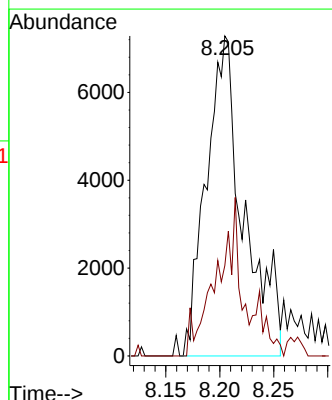
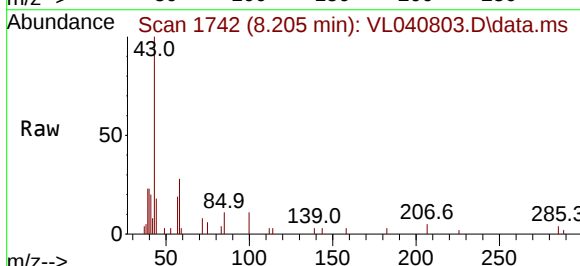
RT: 8.205 min Scan# 1742

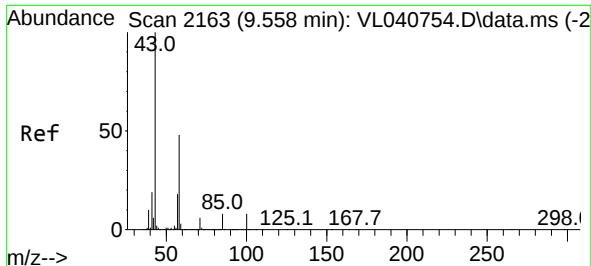
Delta R.T. 0.013 min

Lab File: VL040803.D

Acq: 25 Oct 2023 16:54

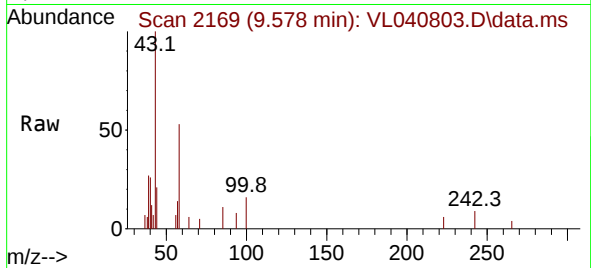
Tgt Ion:	43	Resp:	17605
Ion Ratio	Lower	Upper	
43	100		
58	36.3	28.8	43.2





#51
2-Hexanone
Concen: 0.072 ppbv m
RT: 9.578 min Scan# 2163
Delta R.T. 0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

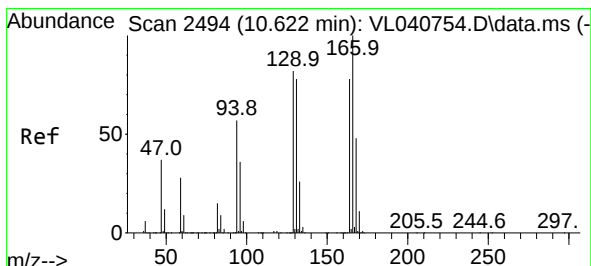
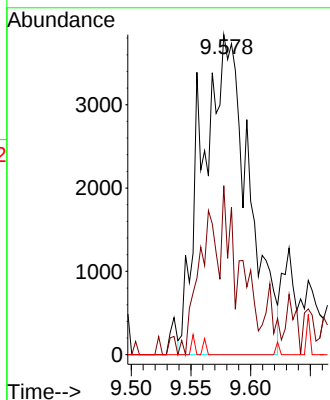
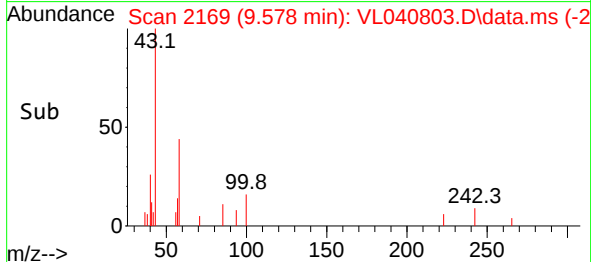
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 43 Resp: 10390
Ion Ratio Lower Upper
43 100
58 0.0 38.6 58.0#
98 0.0 0.0 0.0

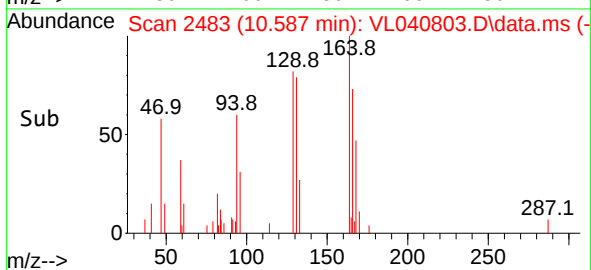
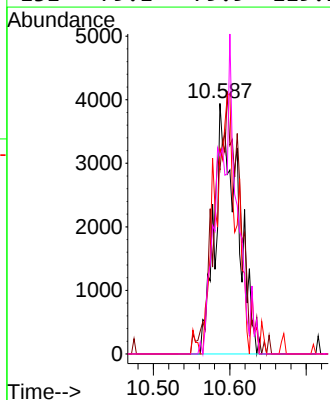
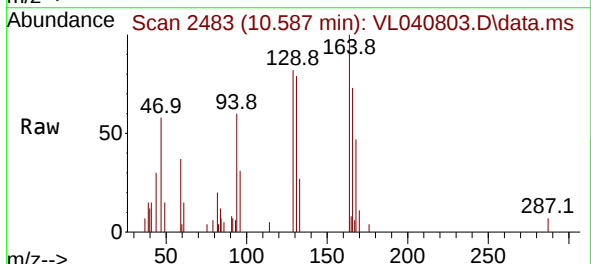
Manual Integrations
APPROVED

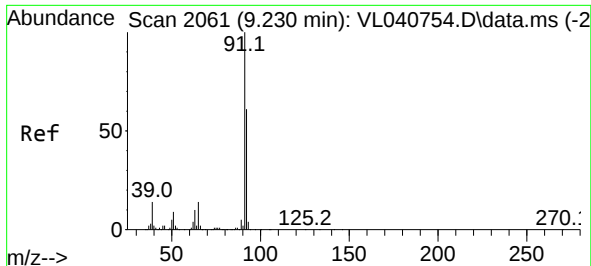
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#52
Tetrachloroethene
Concen: 0.106 ppbv m
RT: 10.587 min Scan# 2483
Delta R.T. -0.035 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

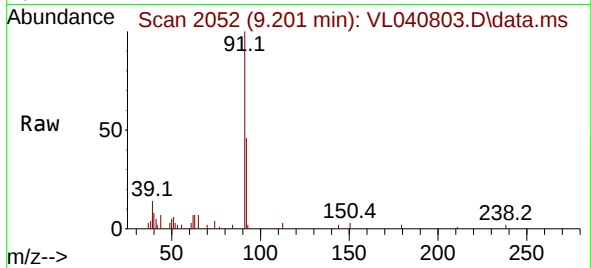
Tgt Ion:164 Resp: 8132
Ion Ratio Lower Upper
164 100
166 73.4 102.4 153.6#
129 82.0 84.2 126.4#
131 79.1 79.9 119.9#





#53
Toluene
Concen: 0.095 ppbv m
RT: 9.201 min Scan# 2061
Delta R.T. -0.029 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

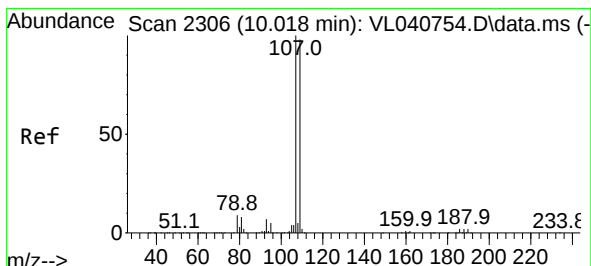
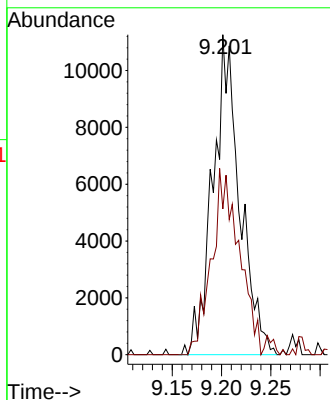
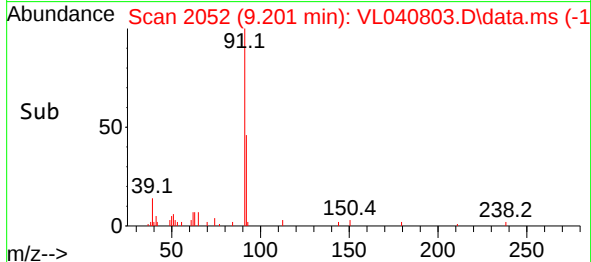
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



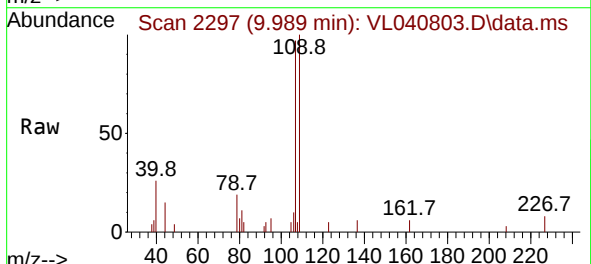
Tgt Ion: 91 Resp: 21370
Ion Ratio Lower Upper
91 100
92 61.6 50.2 75.2

Manual Integrations
APPROVED

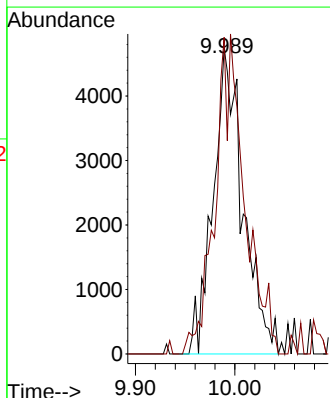
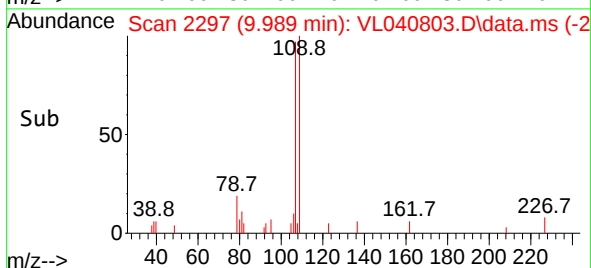
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

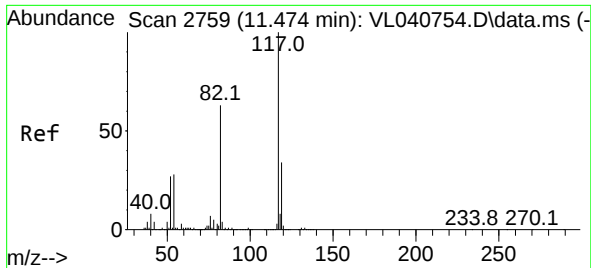


#54
1,2-Dibromoethane
Concen: 0.091 ppbv m
RT: 9.989 min Scan# 2297
Delta R.T. -0.029 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



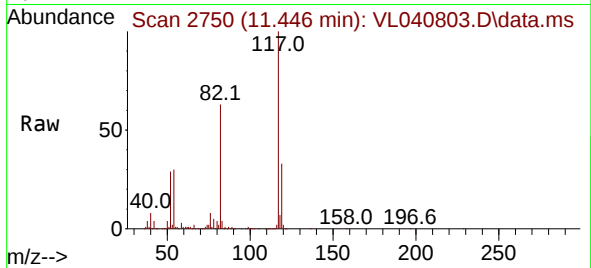
Tgt Ion:107 Resp: 9911
Ion Ratio Lower Upper
107 100
109 103.5 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.446 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

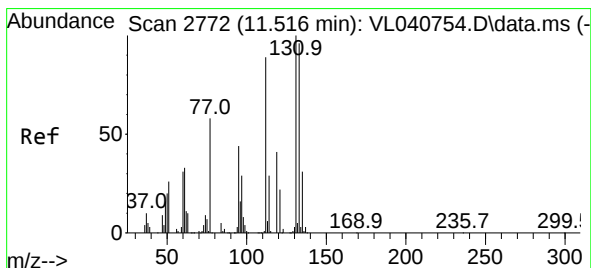
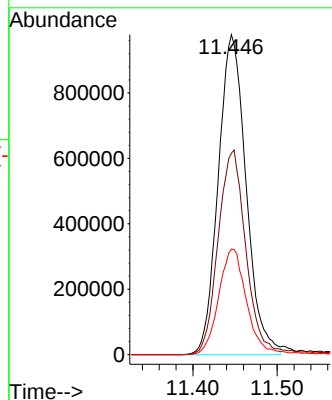
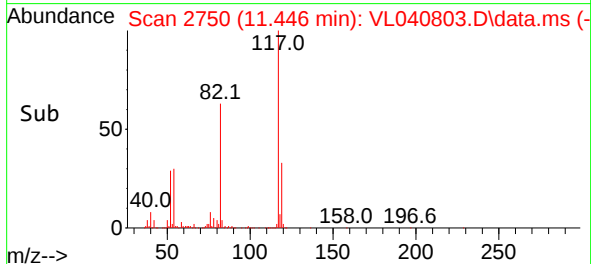
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



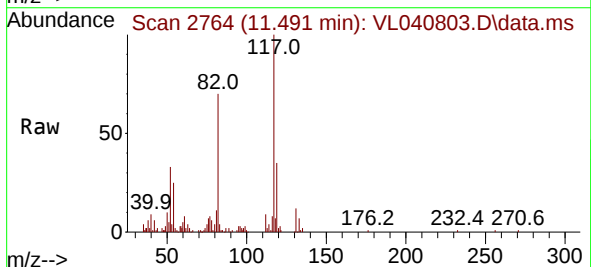
Tgt Ion:117 Resp: 224206
Ion Ratio Lower Upper
117 100
82 64.9 46.6 70.0
119 33.6 26.0 39.0

Manual Integrations
APPROVED

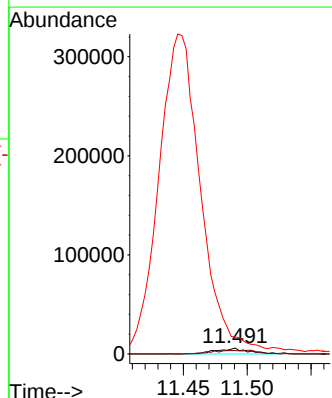
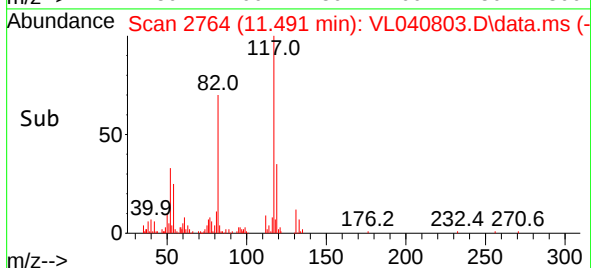
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

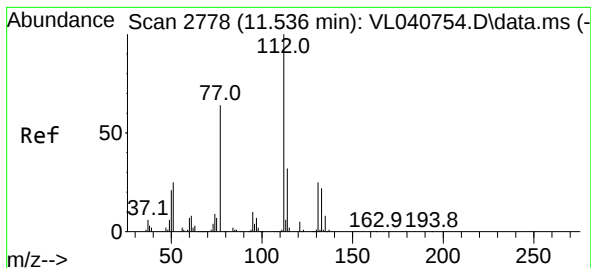


#56
1,1,1,2-Tetrachloroethane
Concen: 0.111 ppbv m
RT: 11.491 min Scan# 2764
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



Tgt Ion:131 Resp: 10172
Ion Ratio Lower Upper
131 100
133 0.0 75.0 112.6#
119 0.0 45.4 68.0#





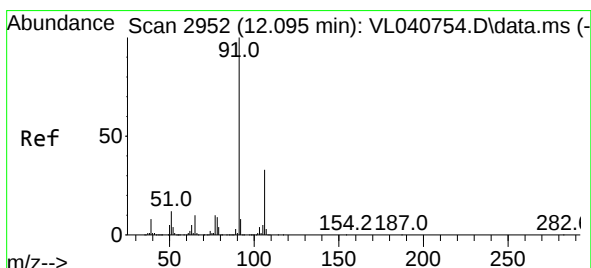
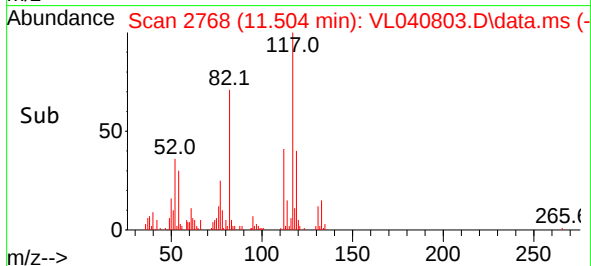
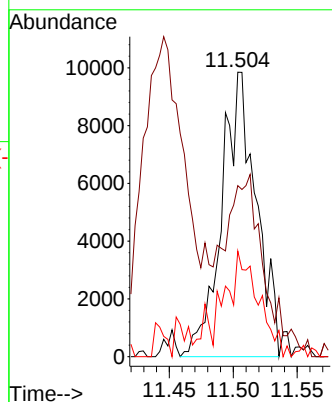
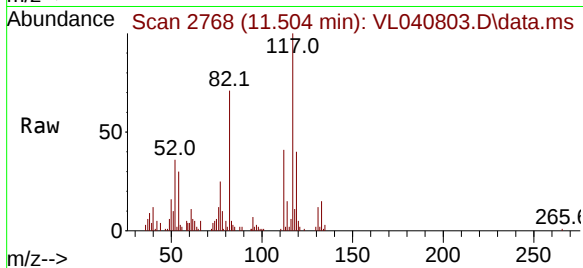
#57
Chlorobenzene
Concen: 0.115 ppbv m
RT: 11.504 min Scan# 21
Delta R.T. -0.032 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion:112 Resp: 18408
Ion Ratio Lower Upper
112 100
77 60.2 51.9 77.9
114 37.1 28.6 35.0

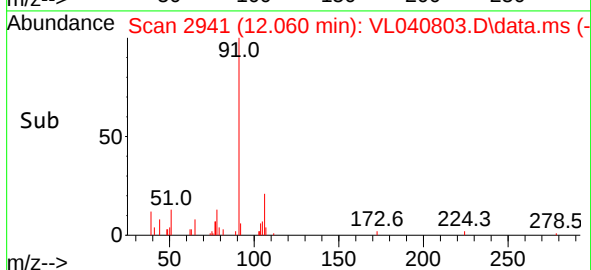
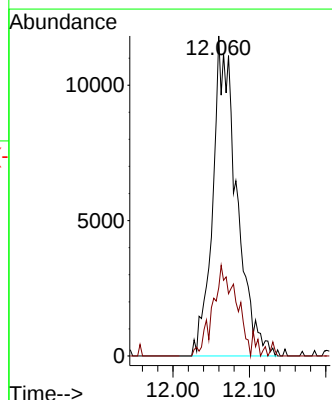
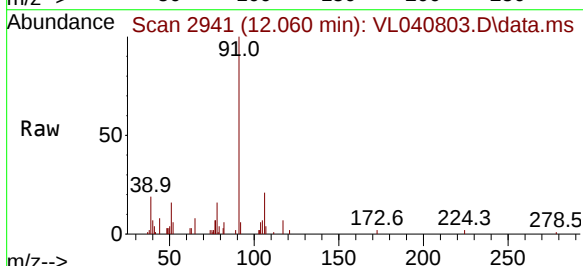
Manual Integrations
APPROVED

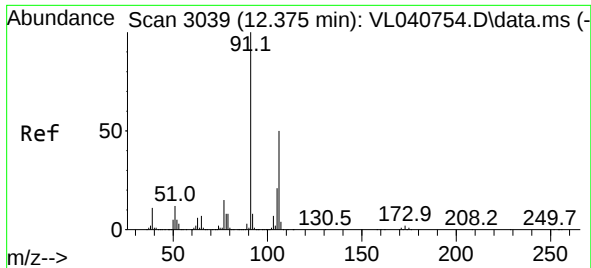
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#58
Ethyl Benzene
Concen: 0.091 ppbv m
RT: 12.060 min Scan# 2941
Delta R.T. -0.035 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion: 91 Resp: 25552
Ion Ratio Lower Upper
91 100
106 21.3 26.7 40.1#





#59

m/p-Xylene

Concen: 0.193 ppbv m

RT: 12.343 min Scan# 3039

Delta R.T. -0.032 min

Lab File: VL040803.D

Acq: 25 Oct 2023 16:54

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT4-2023DL

Tgt Ion: 91 Resp: 44749

Ion Ratio Lower Upper

91 100

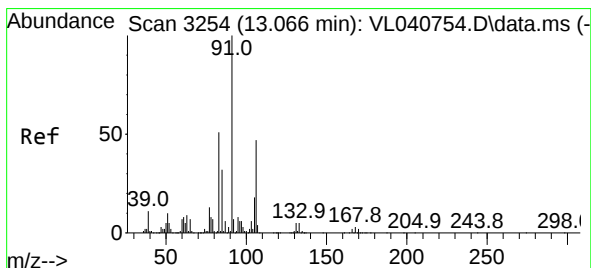
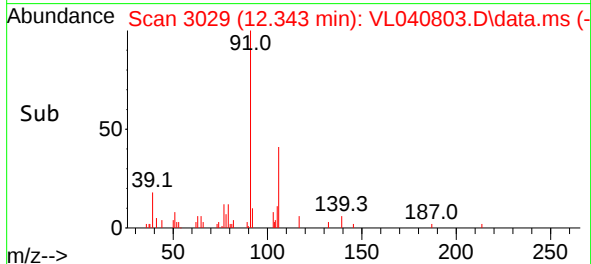
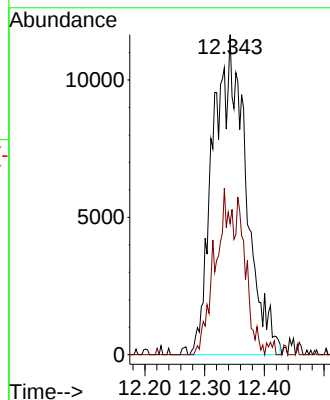
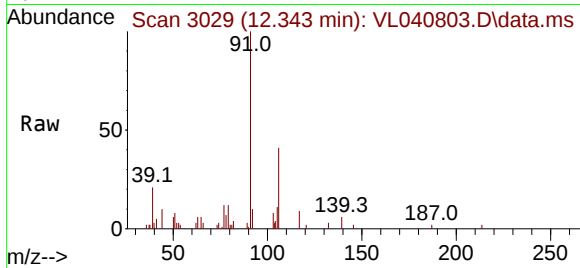
106 0.0 37.7 56.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023

Supervised By :Mahesh Dadoda 10/26/2023



#60

o-Xylene

Concen: 0.087 ppbv m

RT: 13.034 min Scan# 3244

Delta R.T. -0.032 min

Lab File: VL040803.D

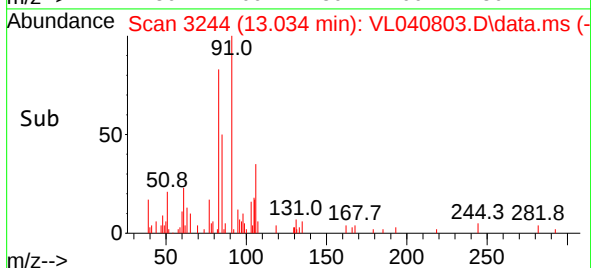
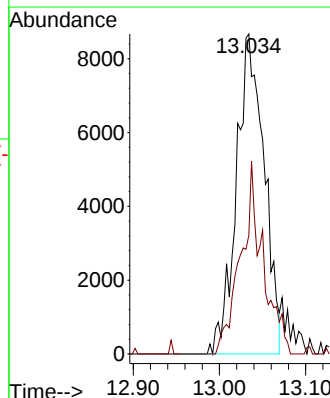
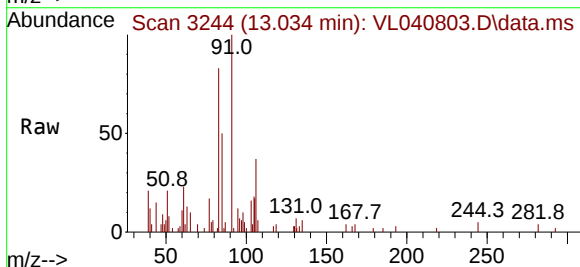
Acq: 25 Oct 2023 16:54

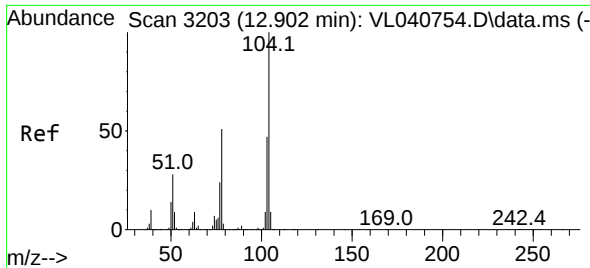
Tgt Ion: 91 Resp: 19351

Ion Ratio Lower Upper

91 100

106 48.3 23.5 70.5





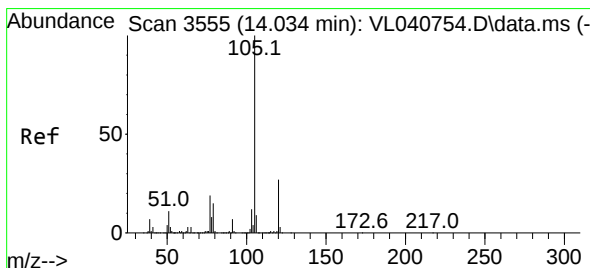
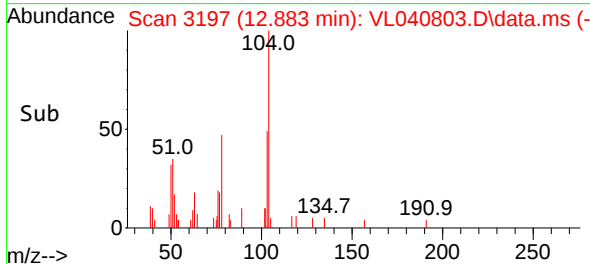
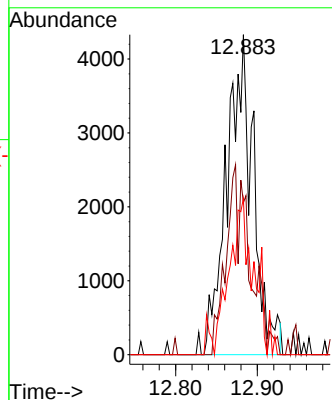
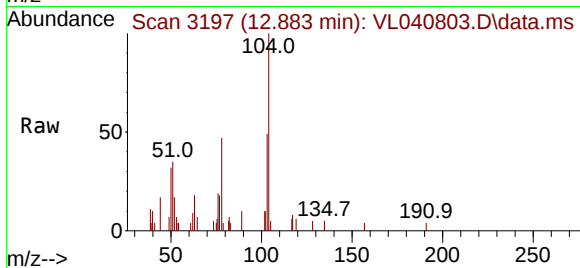
#61
Styrene
Concen: 0.080 ppbv m
RT: 12.883 min Scan# 3197
Delta R.T. -0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion:104 Resp: 9780
Ion Ratio Lower Upper
104 100
78 54.3 39.8 59.6
103 0.0 37.5 56.3

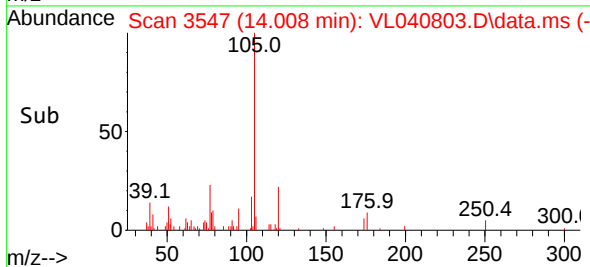
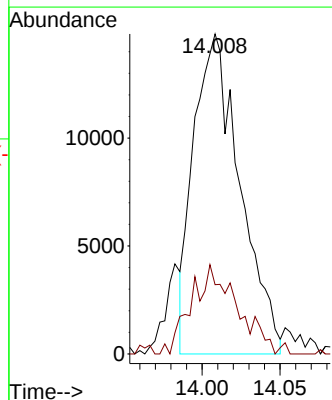
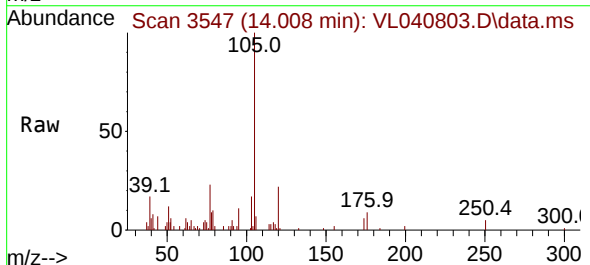
Manual Integrations
APPROVED

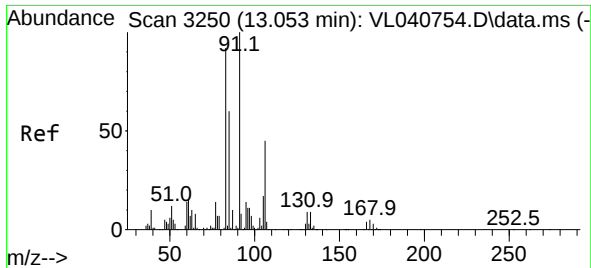
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#62
Isopropylbenzene
Concen: 0.090 ppbv
RT: 14.008 min Scan# 3547
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

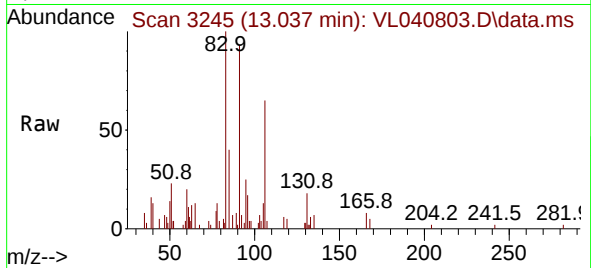
Tgt Ion:105 Resp: 30625
Ion Ratio Lower Upper
105 100
120 28.5 21.5 32.3





#63
1,1,2,2-Tetrachloroethane
Concen: 0.110 ppbv m
RT: 13.037 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

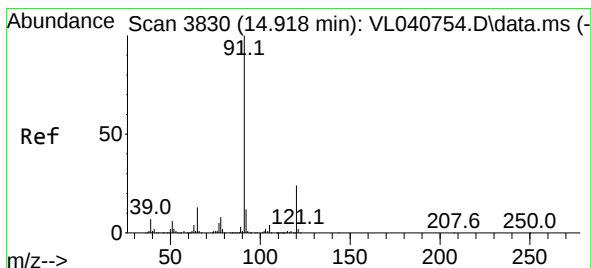
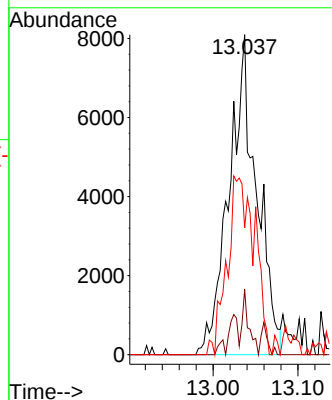
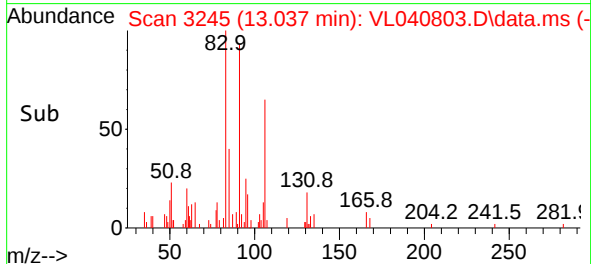
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



Tgt Ion: 83 Resp: 18189
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.6
85 61.3 32.9 98.7

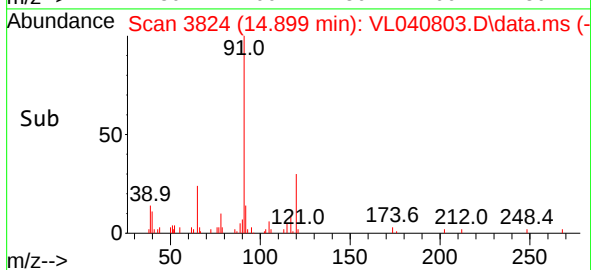
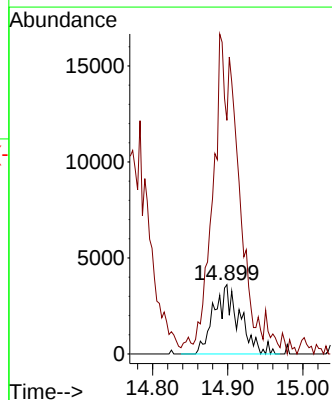
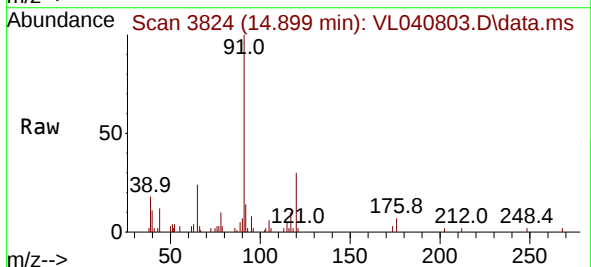
Manual Integrations
APPROVED

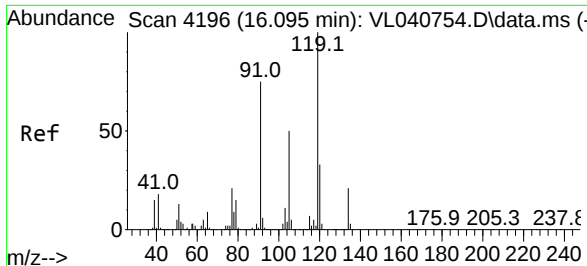
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#64
n-propylbenzene
Concen: 0.093 ppbv m
RT: 14.899 min Scan# 3824
Delta R.T. -0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Tgt Ion:120 Resp: 8518
Ion Ratio Lower Upper
120 100
91 0.0 345.9 518.9#





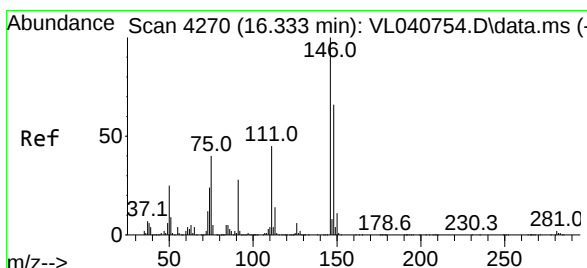
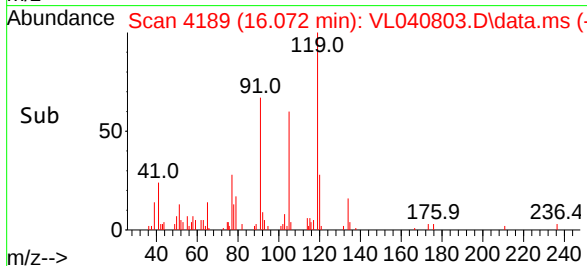
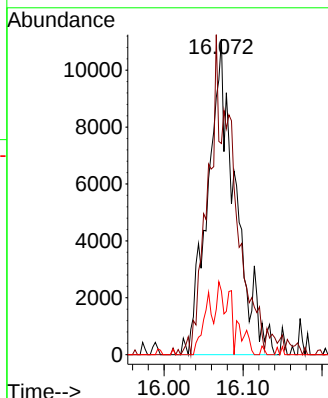
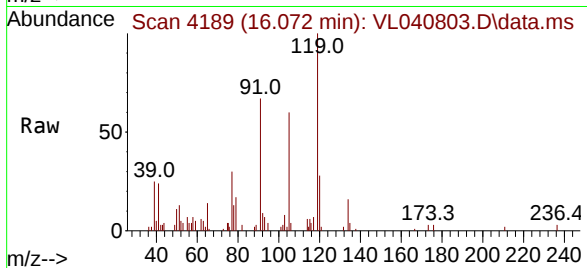
#65
tert-Butylbenzene
Concen: 0.088 ppbv m
RT: 16.072 min Scan# 4196
Delta R.T. -0.022 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 119 Resp: 2711
Ion Ratio Lower Upper
119 100
91 0.0 62.2 93.2#
134 0.0 16.1 24.1#

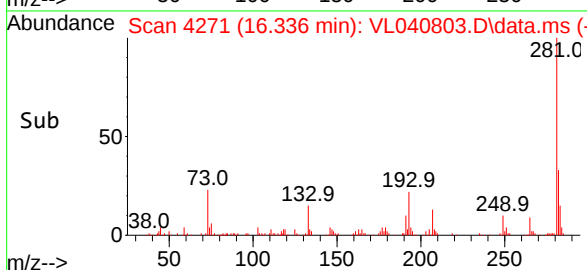
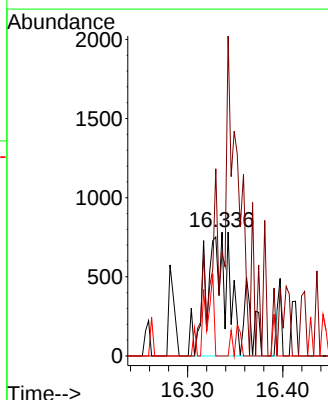
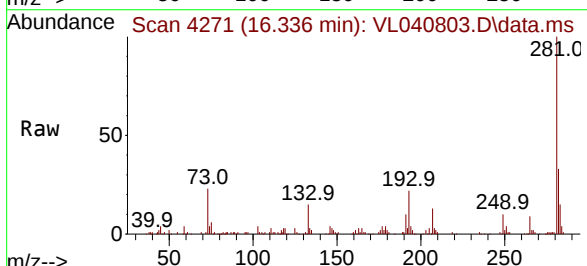
Manual Integrations
APPROVED

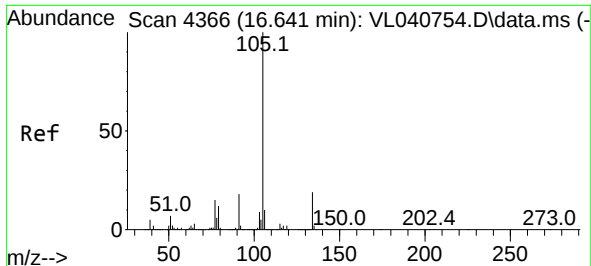
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#66
Benzyl Chloride
Concen: 0.053 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. 0.003 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

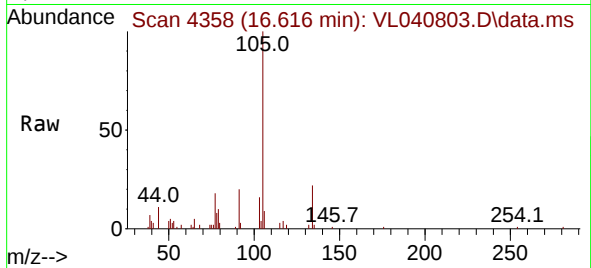
Tgt Ion: 91 Resp: 1627
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 0.0 5.2 7.8#





#67
 sec-Butylbenzene
 Concen: 0.102 ppbv m
 RT: 16.616 min Scan# 41
 Delta R.T. -0.026 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

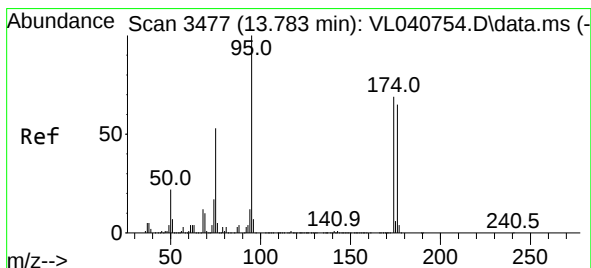
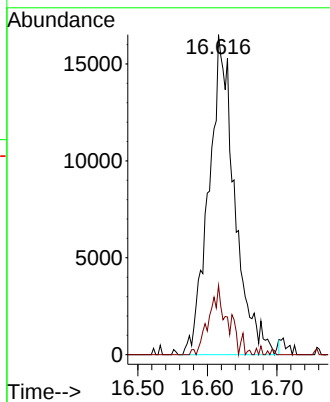
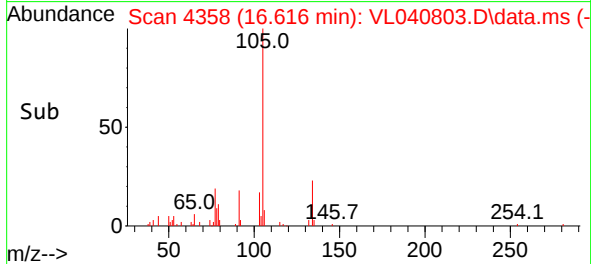
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT4-2023DL



Tgt Ion:105 Resp: 4277
 Ion Ratio Lower Upper
 105 100
 134 0.0 15.4 23.2

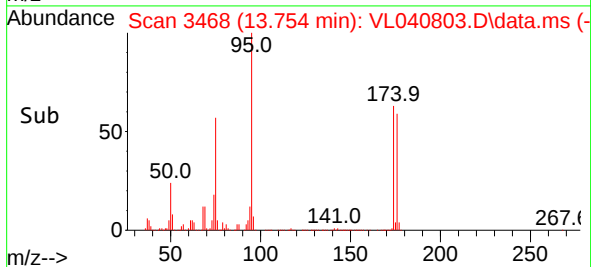
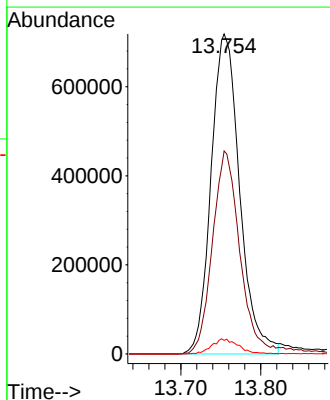
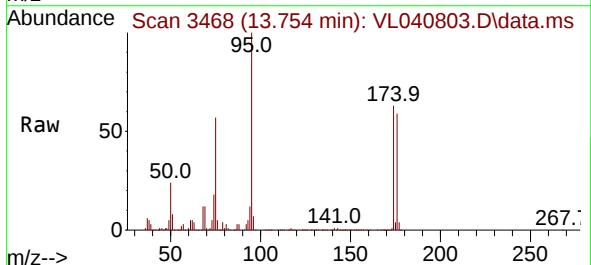
Manual Integrations
 APPROVED

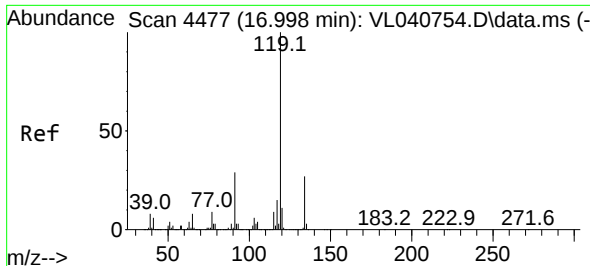
Reviewed By :Semsettin Yesilyurt 10/26/2023
 Supervised By :Mahesh Dadoda 10/26/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.807 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.029 min
 Lab File: VL040803.D
 Acq: 25 Oct 2023 16:54

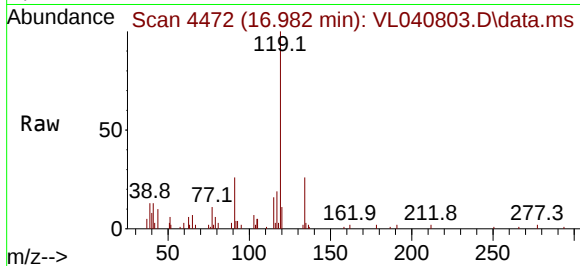
Tgt Ion: 95 Resp: 1782832
 Ion Ratio Lower Upper
 95 100
 174 63.4 54.7 82.1
 175 4.6 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.079 ppbv m
RT: 16.982 min Scan# 4477
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

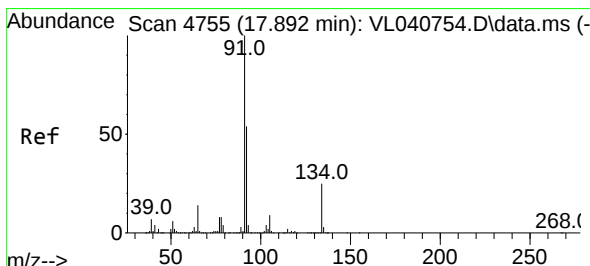
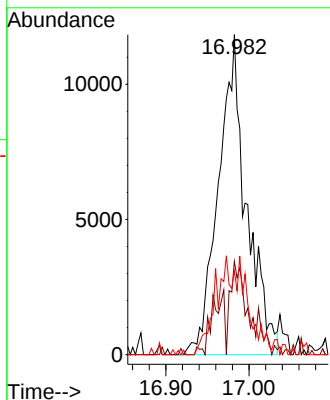
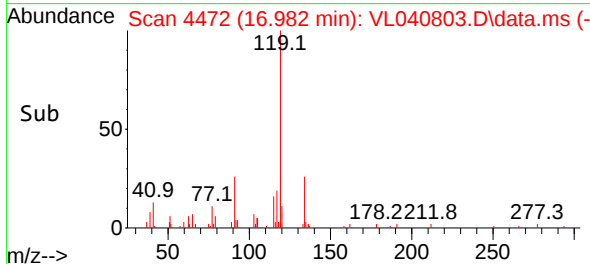
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



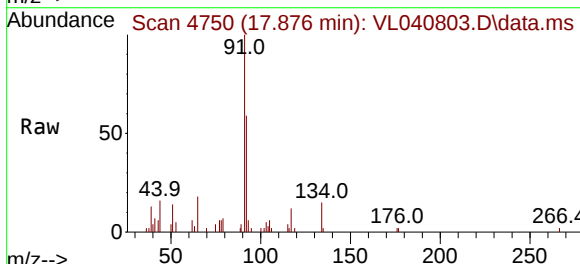
Tgt Ion:119 Resp: 2773
Ion Ratio Lower Upper
119 100
134 0.0 21.0 31.4
91 34.8 22.8 34.2

Manual Integrations
APPROVED

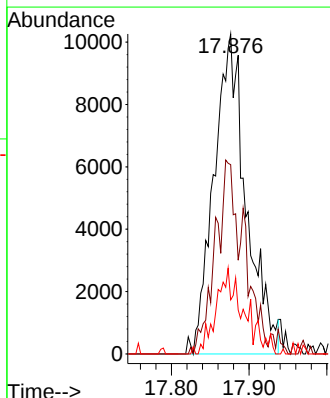
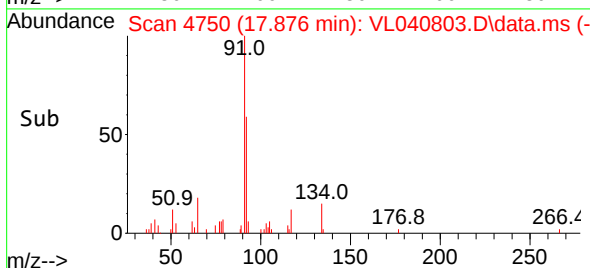
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

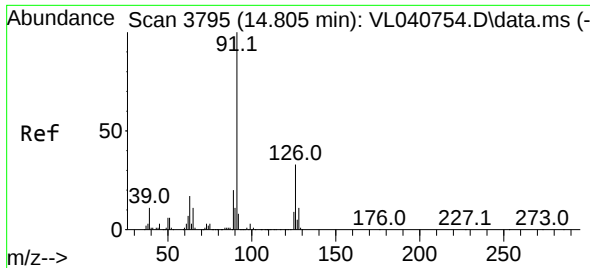


#70
n-Butylbenzene
Concen: 0.086 ppbv m
RT: 17.876 min Scan# 4750
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



Tgt Ion: 91 Resp: 29737
Ion Ratio Lower Upper
91 100
92 55.1 44.1 66.1
134 22.9 19.5 29.3





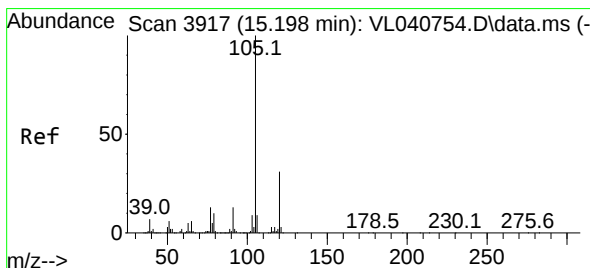
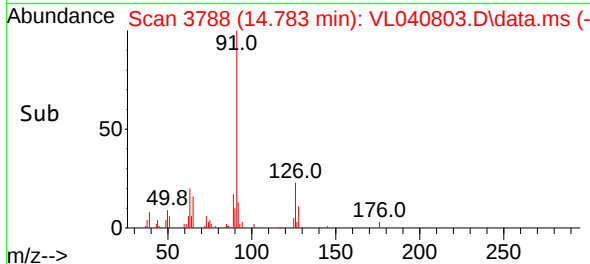
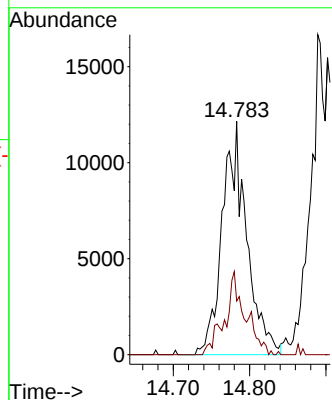
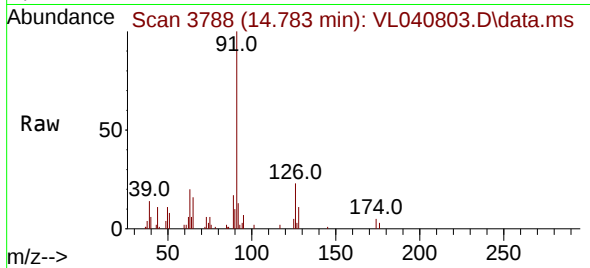
#71
2-Chlorotoluene
Concen: 0.105 ppbv m
RT: 14.783 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL

Tgt Ion: 91 Resp: 26920
Ion Ratio Lower Upper
91 100
126 0.0 13.3 53.1

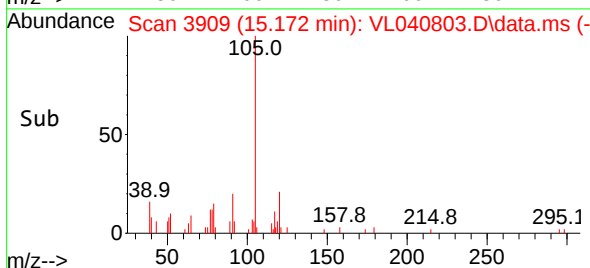
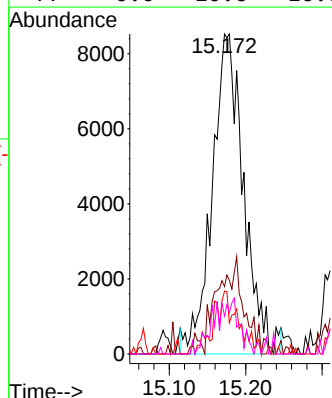
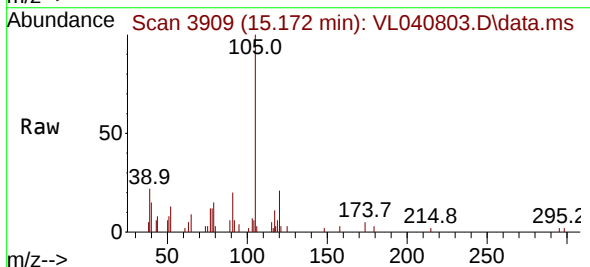
Manual Integrations
APPROVED

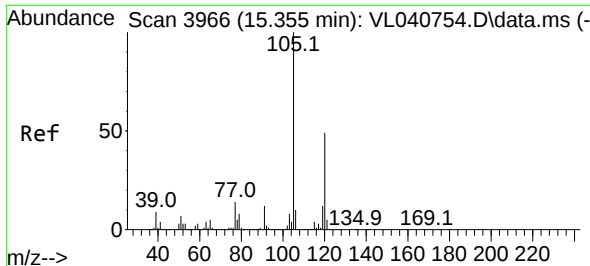
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#72
4-Ethyltoluene
Concen: 0.094 ppbv m
RT: 15.172 min Scan# 3909
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

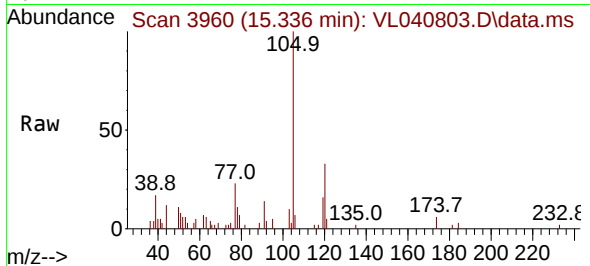
Tgt Ion:105 Resp: 24385
Ion Ratio Lower Upper
105 100
120 0.0 25.0 37.4#
91 15.5 9.8 14.8#
77 0.0 10.6 16.0#





#73
1,3,5-Trimethylbenzene
Concen: 0.096 ppbv m
RT: 15.336 min Scan# 3966
Delta R.T. -0.019 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

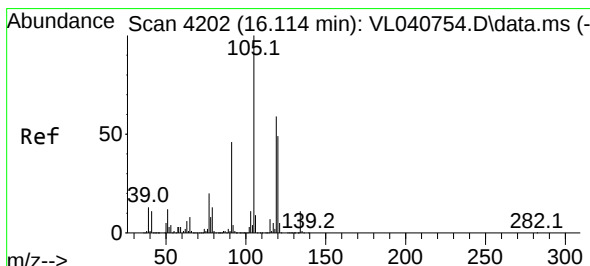
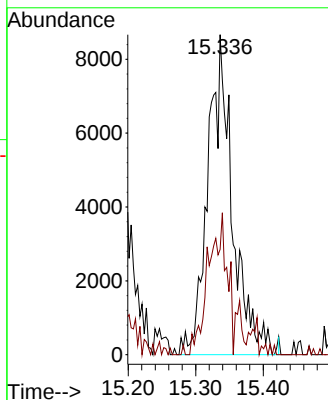
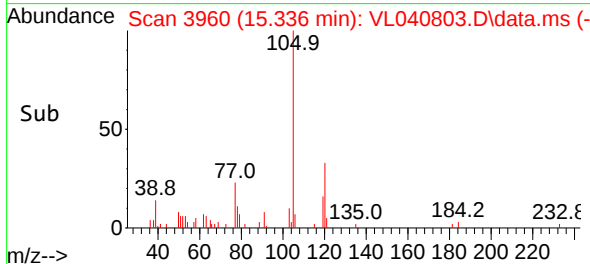
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



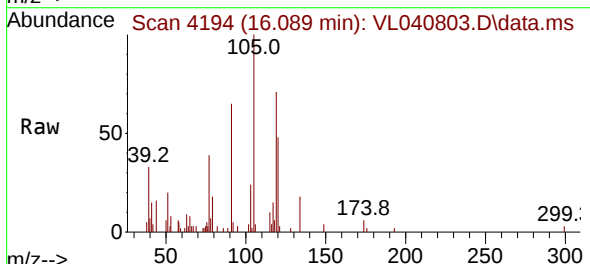
Tgt Ion:105 Resp: 2199
Ion Ratio Lower Upper
105 100
120 32.9 39.4 59.2

Manual Integrations
APPROVED

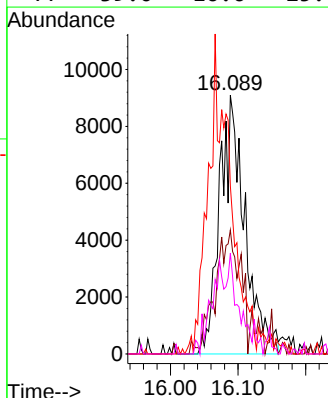
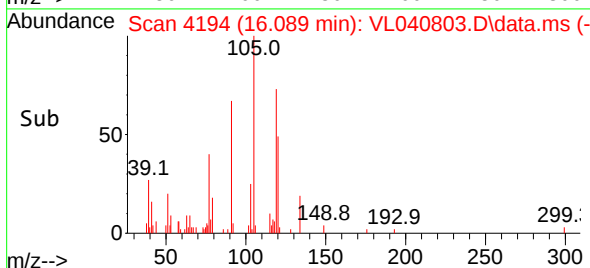
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

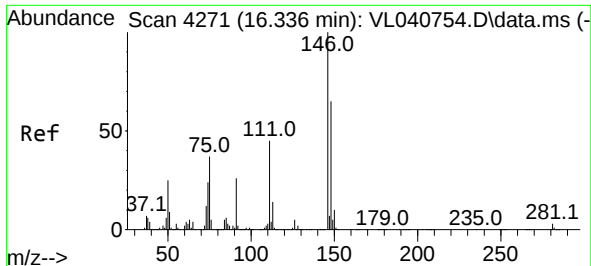


#74
1,2,4-Trimethylbenzene
Concen: 0.094 ppbv m
RT: 16.089 min Scan# 4194
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



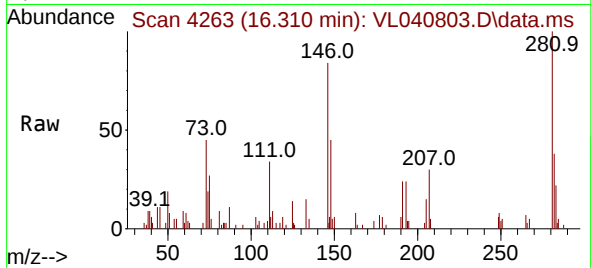
Tgt Ion:105 Resp: 23512
Ion Ratio Lower Upper
105 100
120 47.9 39.4 59.2
91 65.0 38.6 58.0#
77 39.0 16.6 25.0#





#75
1,3-Dichlorobenzene
Concen: 0.107 ppbv m
RT: 16.310 min Scan# 4310
Delta R.T. -0.026 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

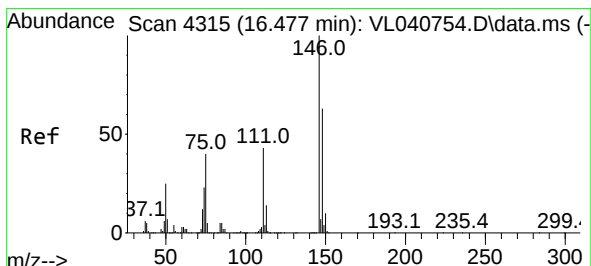
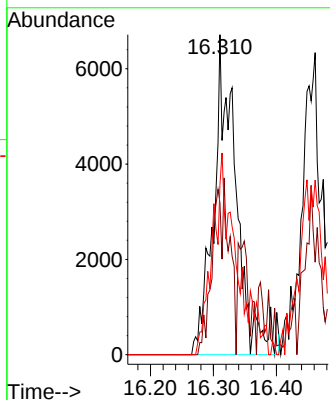
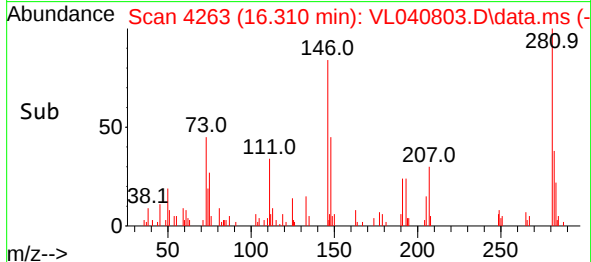
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



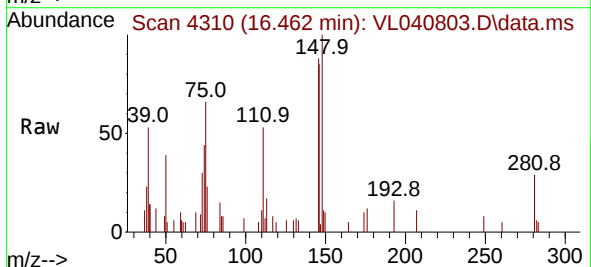
Tgt Ion:146 Resp: 1664
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.7
148 0.0 32.4 97.0

Manual Integrations
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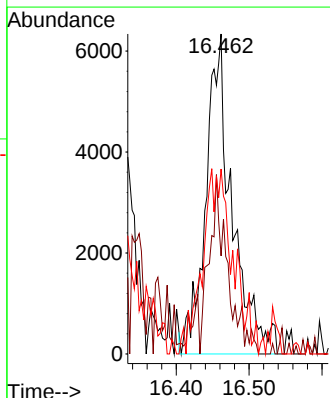
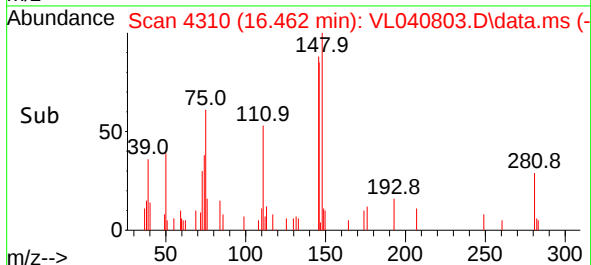
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

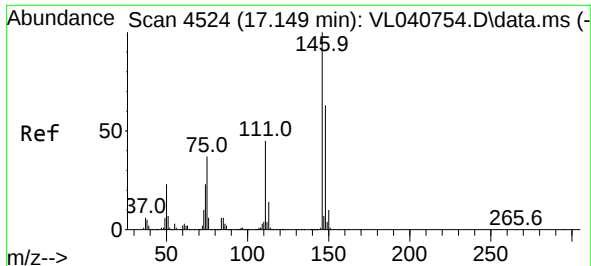


#76
1,4-Dichlorobenzene
Concen: 0.103 ppbv m
RT: 16.462 min Scan# 4310
Delta R.T. -0.016 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



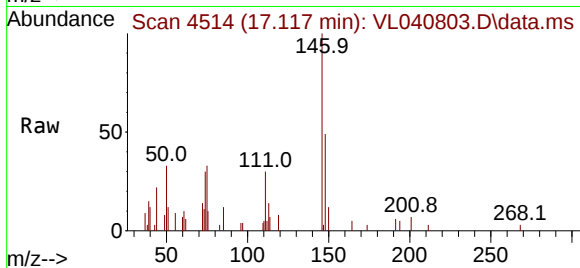
Tgt Ion:146 Resp: 15869
Ion Ratio Lower Upper
146 100
111 0.0 22.0 66.0#
148 0.0 33.4 100.1#





#77
1,2-Dichlorobenzene
Concen: 0.096 ppbv m
RT: 17.117 min Scan# 4514
Delta R.T. -0.032 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

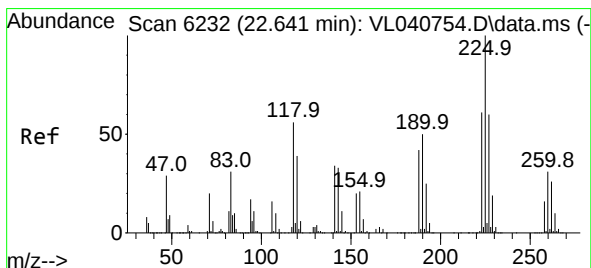
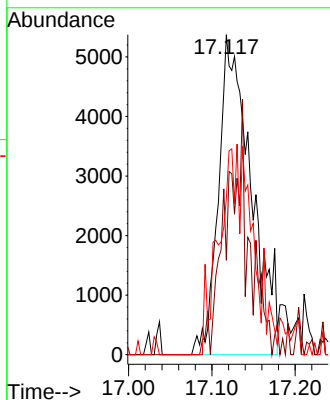
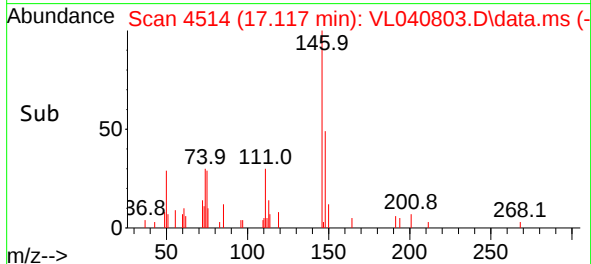
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



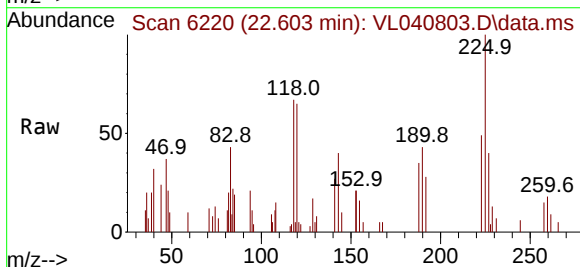
Tgt Ion:146 Resp: 1458
Ion Ratio Lower Upper
146 100
111 0.0 22.9 68.8
148 0.0 32.3 96.8

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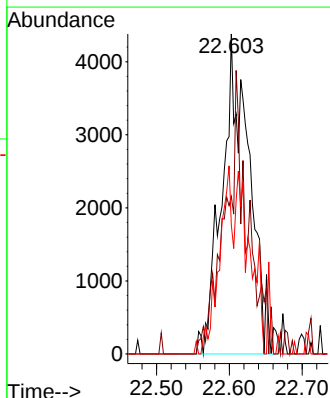
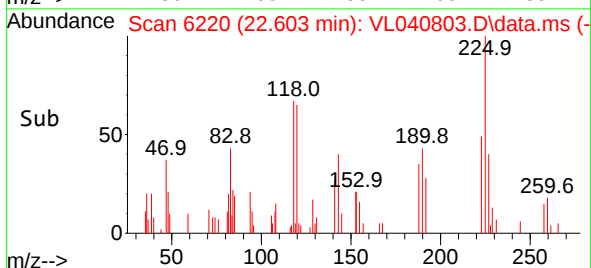
Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023

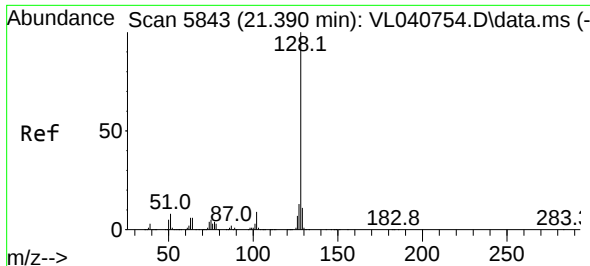


#78
Hexachloro-1,3-Butadiene
Concen: 0.105 ppbv m
RT: 22.603 min Scan# 6220
Delta R.T. -0.038 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



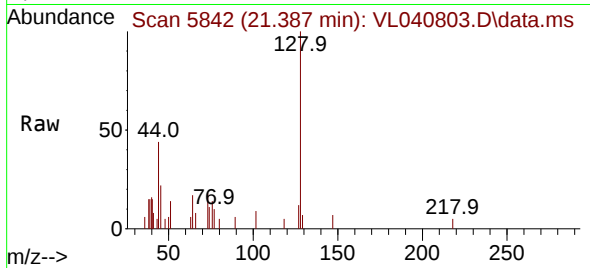
Tgt Ion:225 Resp: 11454
Ion Ratio Lower Upper
225 100
223 0.0 50.7 76.1#
227 0.0 51.4 77.0#





#79
Naphthalene
Concen: 0.041 ppbv m
RT: 21.387 min Scan# 5843
Delta R.T. -0.003 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54

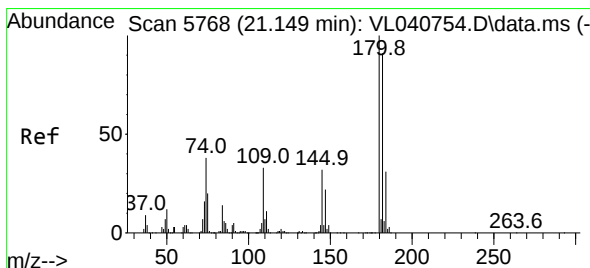
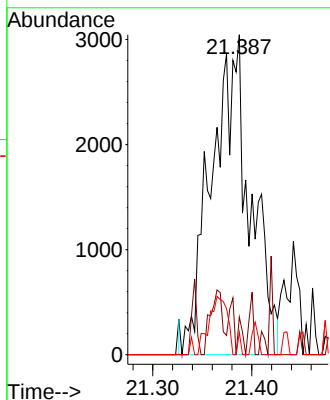
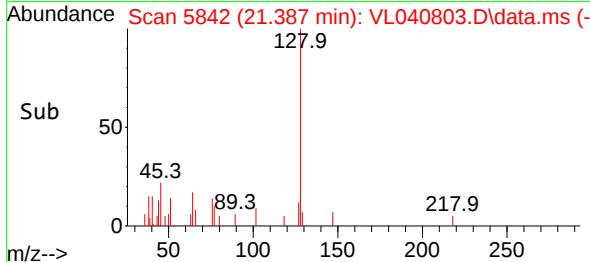
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT4-2023DL



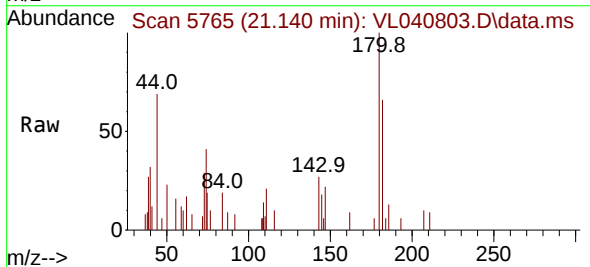
Tgt Ion:128 Resp: 8210
Ion Ratio Lower Upper
128 100
127 11.8 10.6 15.8
129 7.0 9.0 13.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 10/26/2023
Supervised By :Mahesh Dadoda 10/26/2023



#81
1,2,4-Trichlorobenzene
Concen: 0.062 ppbv m
RT: 21.140 min Scan# 5765
Delta R.T. -0.009 min
Lab File: VL040803.D
Acq: 25 Oct 2023 16:54



Tgt Ion:180 Resp: 6866
Ion Ratio Lower Upper
180 100
182 0.0 77.9 116.9#
184 0.0 25.0 37.6#

