

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041023\
 Data File : VL040327.D
 Acq On : 10 Apr 2023 16:24
 Operator : SY/MD
 Sample : 02213-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

Quant Time: Apr 11 02:07:38 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	911031	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	6.626	114	2292067	10.000	ppbv	-0.03
55) Chlorobenzene-d5	11.442	117	2086023	10.000	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.754 95 1798447 10.295 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	96153	0.538	ppbv	98
3) Chlorodifluoromethane	2.645	51	66163	0.578	ppbv	99
4) Chloromethane	2.783	50	41636	0.589	ppbv	90
5) Vinyl Chloride	2.893	62	31875	0.556	ppbv	93
6) Bromomethane	3.092	94	11667m	0.587	ppbv	
7) Chloroethane	3.169	64	11894	0.541	ppbv	91
8) Dichlorotetrafluoroethane	2.828	85	87253	0.570	ppbv	97
9) Propene	2.668	41	22381	0.510	ppbv	100
10) Heptane	7.555	43	42826	0.406	ppbv	90
11) Trichlorofluoromethane	3.533	101	91227m	0.563	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.041	101	66550m	0.547	ppbv	
13) Ethanol	3.227	45	1769m	0.550	ppbv	
14) Bromoethene	3.340	108	23644m	0.521	ppbv	
15) Acetone	3.452	43	70223m	0.633	ppbv	
16) 1,3-Butadiene	2.957	39	23473	0.466	ppbv	96
17) tert-Butyl alcohol	3.867	59	55718	0.529	ppbv	95
18) 1,1-Dichloroethene	3.854	96	27316	0.524	ppbv	85
19) Isopropyl Alcohol	3.565	45	29498	0.555	ppbv #	83
20) Methylene Chloride	3.909	84	27213	0.583	ppbv #	86
21) Allyl Chloride	3.970	41	37449	0.521	ppbv	96
22) trans-1,2-Dichloroethene	4.420	96	27824m	0.524	ppbv	
23) Vinyl Acetate	4.603	43	15384m	0.499	ppbv	
24) 1,1-Dichloroethane	4.536	63	56833	0.516	ppbv	99
25) Ethyl Acetate	5.182	43	104314	0.502	ppbv	98
26) Hexane	5.192	57	38275m	0.449	ppbv	
27) Carbon Disulfide	4.099	76	51308	0.431	ppbv	97
28) Methyl tert-Butyl Ether	4.568	73	47083	0.481	ppbv	93
29) Chloroform	5.250	83	83137	0.552	ppbv	96
30) Cyclohexane	6.578	84	26027m	0.388	ppbv	
31) cis-1,2-Dichloroethene	5.047	61	40340m	0.486	ppbv	
32) 1,1,1-Trichloroethane	5.979	97	76529m	0.531	ppbv	
34) 2-Butanone	4.767	43	62878	0.556	ppbv	99
35) Carbon Tetrachloride	6.468	117	78648	0.547	ppbv	91
36) Benzene	6.343	78	81986	0.469	ppbv	96
37) 1,2-Dichloroethane	5.783	62	59260m	0.521	ppbv	
38) Trichloroethene	7.262	130	44788	0.469	ppbv	94
39) 1,2-Dichloropropane	7.044	63	34963m	0.510	ppbv	
40) 1,4-Dioxane	7.304	88	12924m	0.477	ppbv	
41) Tetrahydrofuran	5.558	42	27877m	0.427	ppbv	
42) Bromodichloromethane	7.221	83	76775	0.494	ppbv	99
43) Methyl Methacrylate	7.465	69	25654m	0.395	ppbv	
44) 2,2,4-Trimethylpentane	7.298	57	139458	0.479	ppbv	92
45) t-1,3-Dichloropropene	8.687	75	20411m	0.361	ppbv	

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 LOQ-AIR-02-QT2-2023

Quant Time: Apr 11 02:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Mar 15 16:14:43 2023
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.118	75	29169	0.363	ppbv #	88
47) 1,1,2-Trichloroethane	8.873	97	37156m	0.508	ppbv	
48) Dibromochloromethane	9.687	129	53497m	0.445	ppbv	
49) Bromoform	12.391	173	40751m	0.451	ppbv	
50) 4-Methyl-2-Pentanone	8.179	43	74160	0.424	ppbv	98
51) 2-Hexanone	9.545	43	52817m	0.389	ppbv	
52) Tetrachloroethene	10.590	164	27240m	0.515	ppbv	
53) Toluene	9.201	91	71301	0.390	ppbv	97
54) 1,2-Dibromoethane	9.989	107	37726m	0.501	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.481	131	46862m	0.534	ppbv	
57) Chlorobenzene	11.507	112	82301m	0.555	ppbv	
58) Ethyl Benzene	12.066	91	95953m	0.404	ppbv	
59) m/p-Xylene	12.346	91	195963m	0.901	ppbv	
60) o-Xylene	13.040	91	87870	0.422	ppbv	97
61) Styrene	12.880	104	32674m	0.310	ppbv	
62) Isopropylbenzene	14.008	105	136496	0.461	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.024	83	43117	0.589	ppbv	96
64) n-propylbenzene	14.892	120	33197m	0.458	ppbv	
65) tert-Butylbenzene	16.069	119	117922m	0.462	ppbv	
66) Benzyl Chloride	16.307	91	6351m	0.383	ppbv	
67) sec-Butylbenzene	16.616	105	174058	0.477	ppbv	96
69) p-Isopropyltoluene	16.985	119	125792m	0.442	ppbv	
70) n-Butylbenzene	17.870	91	135648	0.433	ppbv	99
71) 2-Chlorotoluene	14.783	91	96149	0.426	ppbv	100
72) 4-Ethyltoluene	15.172	105	98900m	0.435	ppbv	
73) 1,3,5-Trimethylbenzene	15.333	105	94636	0.459	ppbv	89
74) 1,2,4-Trimethylbenzene	16.088	105	108944	0.464	ppbv	91
75) 1,3-Dichlorobenzene	16.304	146	65170m	0.512	ppbv	
76) 1,4-Dichlorobenzene	16.458	146	55961	0.461	ppbv	90
77) 1,2-Dichlorobenzene	17.130	146	61947m	0.507	ppbv	
78) Hexachloro-1,3-Butadiene	22.609	225	54714m	0.610	ppbv	
79) Naphthalene	21.374	128	52408m	0.377	ppbv	
80) Naphthalene,2-methyl-	24.371	142	15934m	0.453	ppbv	
81) 1,2,4-Trichlorobenzene	21.133	180	37102m	0.433	ppbv	

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

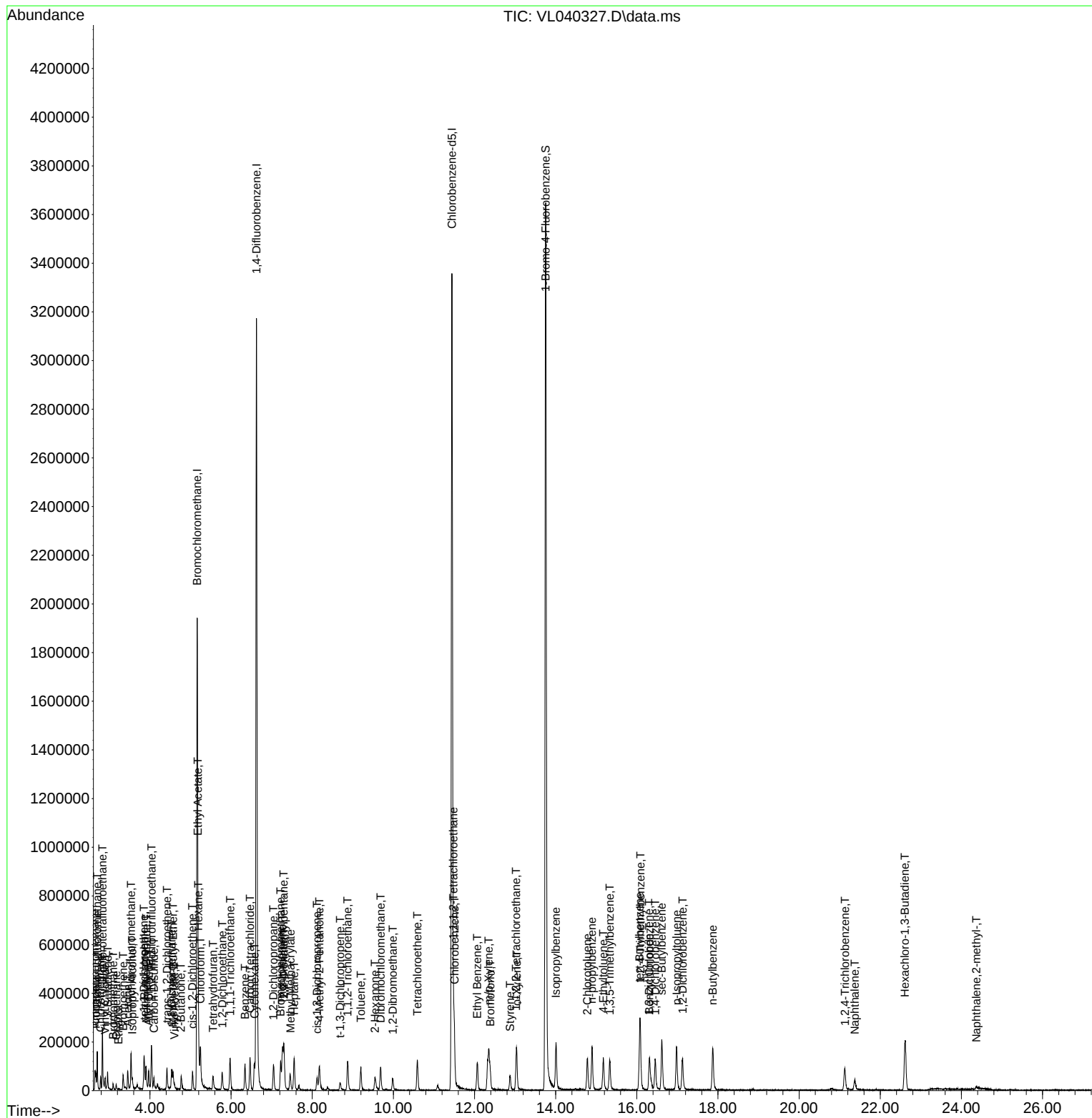
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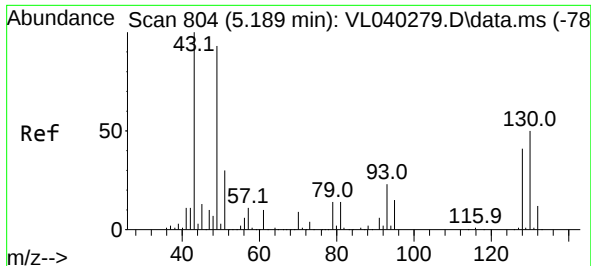
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023

Quant Time: Apr 11 02:07:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
 QLast Update : Wed Mar 15 16:14:43 2023
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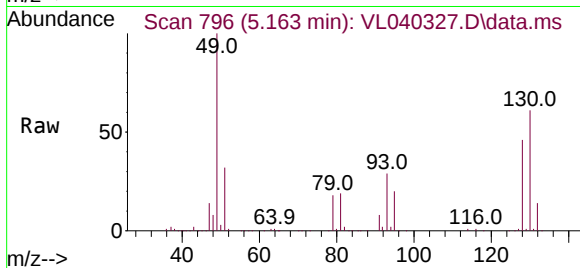
Reviewed By : Semsettin Yesilyurt 04/11/2023
 Supervised By : Mahesh Dadoda 04/11/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 79
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

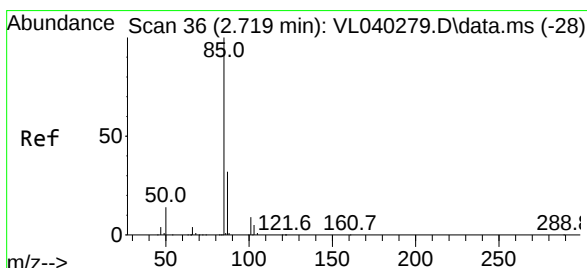
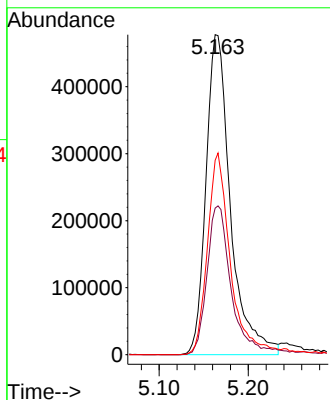
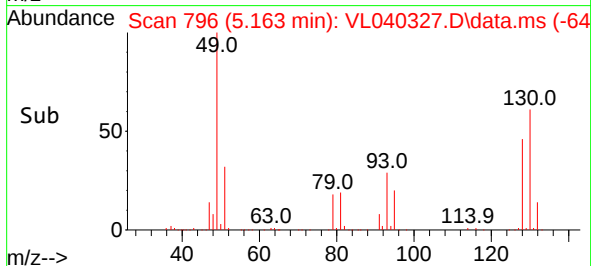
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



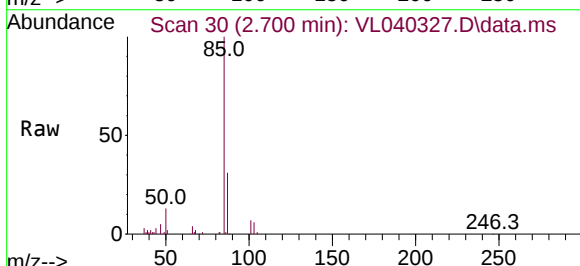
Tgt Ion: 49 Resp: 91103
Ion Ratio Lower Upper
49 100
128 47.9 22.4 67.3
130 61.2 28.7 86.1

Manual Integrations
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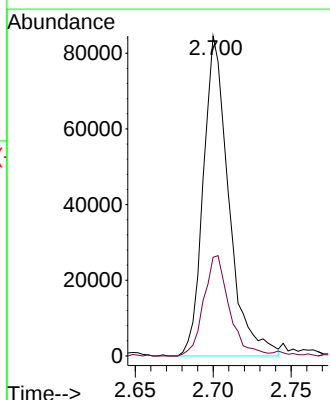
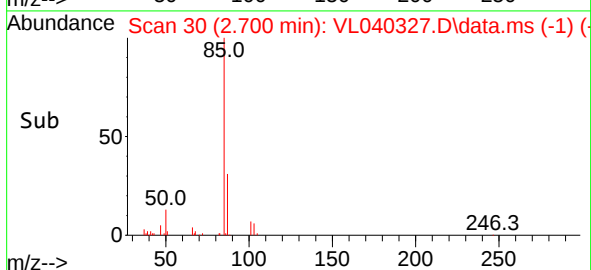
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

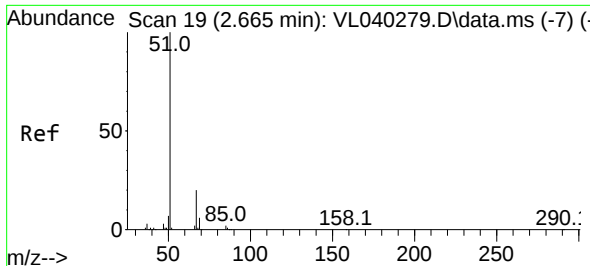


#2
Dichlorodifluoromethane
Concen: 0.538 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



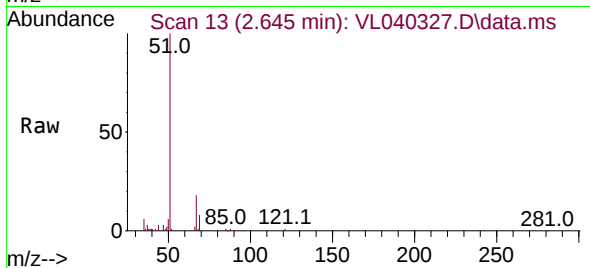
Tgt Ion: 85 Resp: 96153
Ion Ratio Lower Upper
85 100
87 30.8 25.5 38.3





#3
Chlorodifluoromethane
Concen: 0.578 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

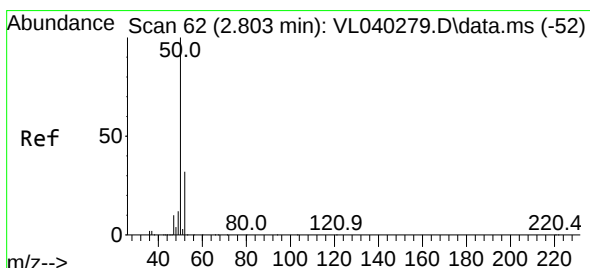
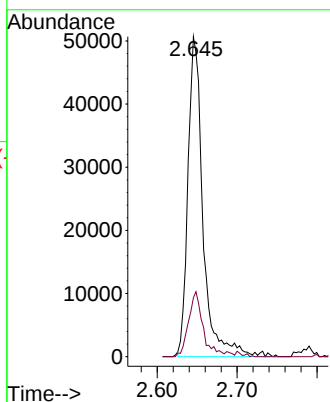
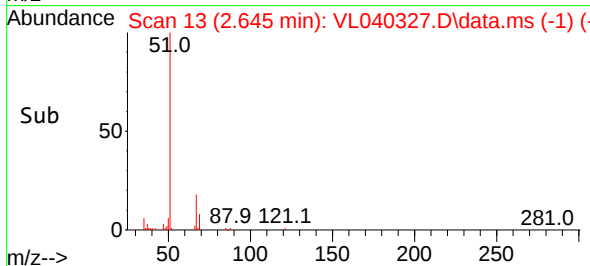
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



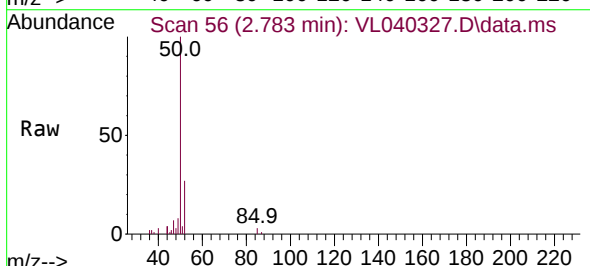
Tgt Ion: 51 Resp: 6616
Ion Ratio Lower Upper
51 100
67 20.7 16.0 24.0

Manual Integrations
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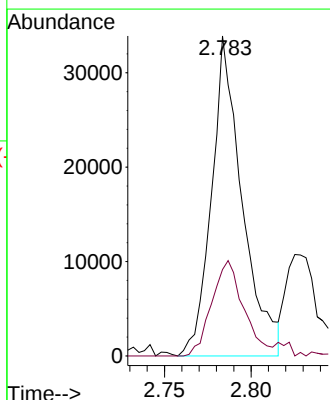
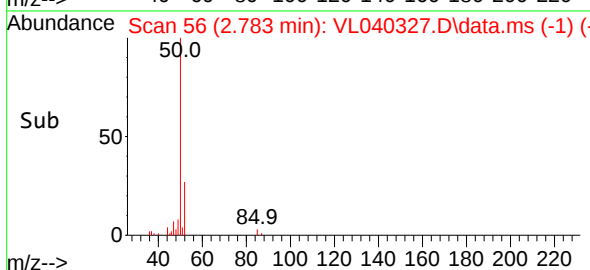
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

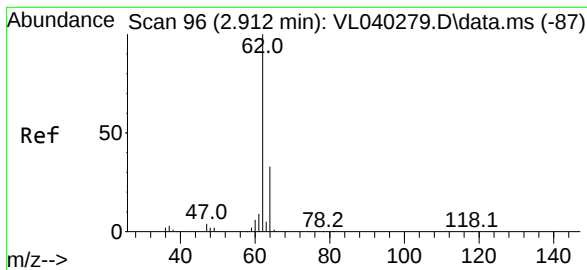


#4
Chloromethane
Concen: 0.589 ppbv
RT: 2.783 min Scan# 56
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



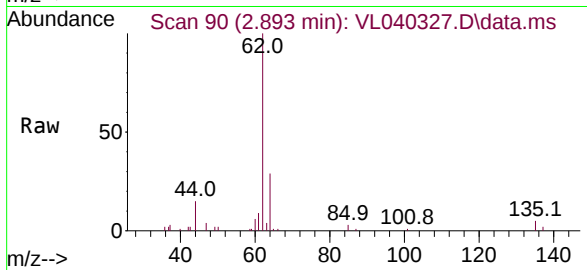
Tgt Ion: 50 Resp: 41636
Ion Ratio Lower Upper
50 100
52 27.0 25.9 38.9





#5
 Vinyl Chloride
 Concen: 0.556 ppbv
 RT: 2.893 min Scan# 90
 Delta R.T. -0.019 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

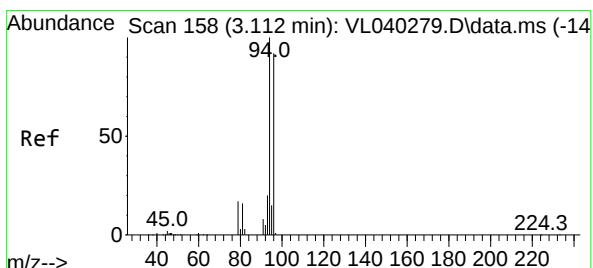
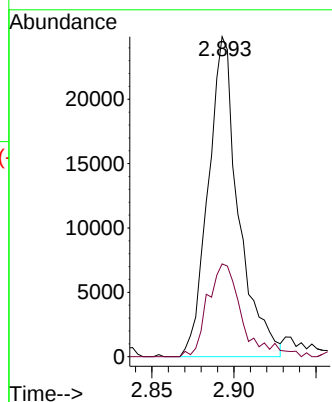
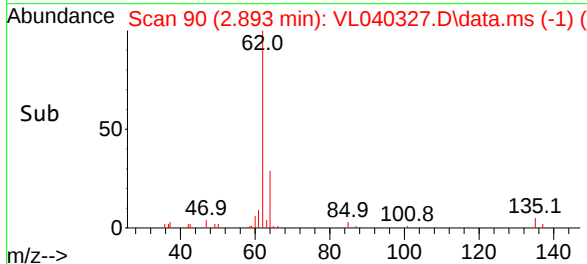
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023



Tgt Ion: 62 Resp: 31875
 Ion Ratio Lower Upper
 62 100
 64 29.0 26.4 39.6

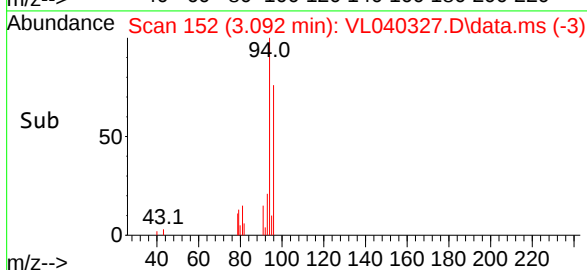
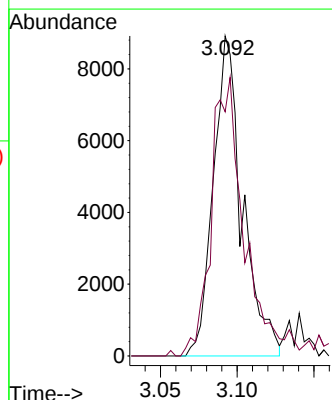
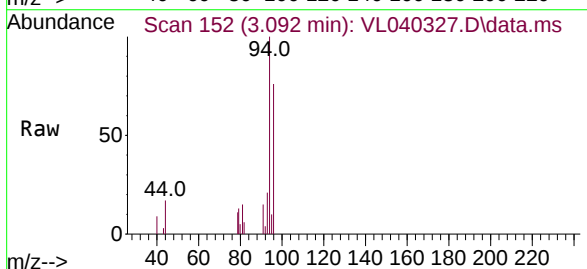
Manual Integrations
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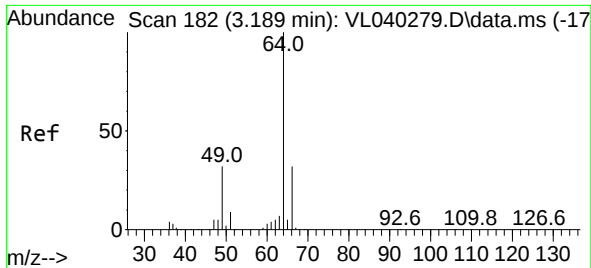
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#6
 Bromomethane
 Concen: 0.587 ppbv m
 RT: 3.092 min Scan# 152
 Delta R.T. -0.020 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

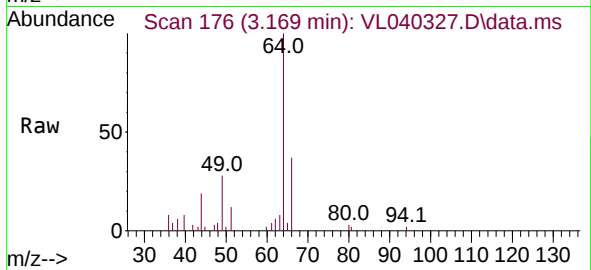
Tgt Ion: 94 Resp: 11667
 Ion Ratio Lower Upper
 94 100
 96 76.3 73.7 110.5





#7
Chloroethane
Concen: 0.541 ppbv
RT: 3.169 min Scan# 11894
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

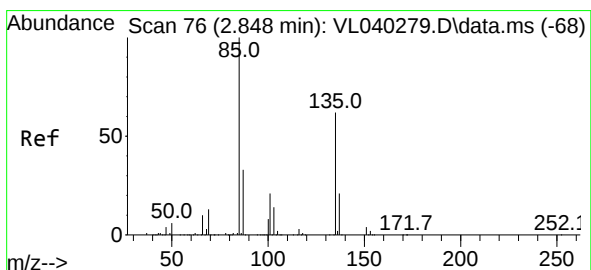
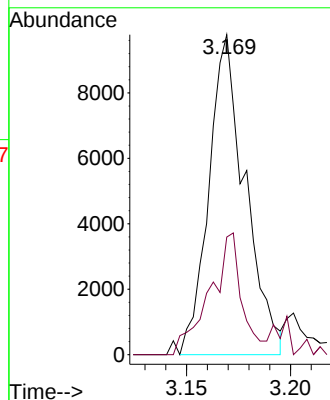
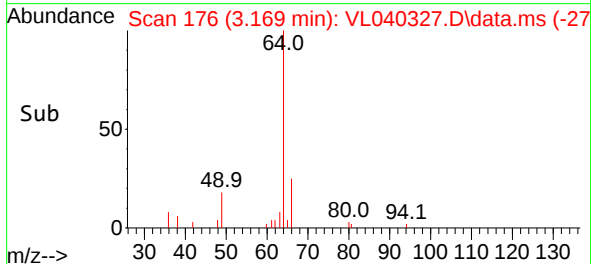
Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2023



Tgt Ion: 64 Resp: 11894
Ion Ratio Lower Upper
64 100
66 36.8 25.5 38.3

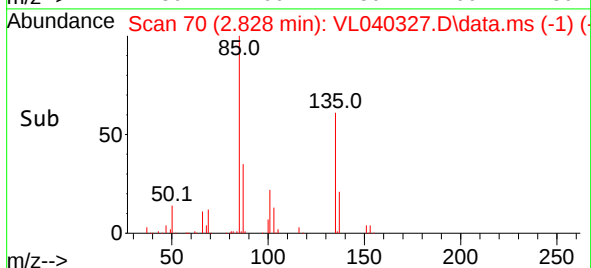
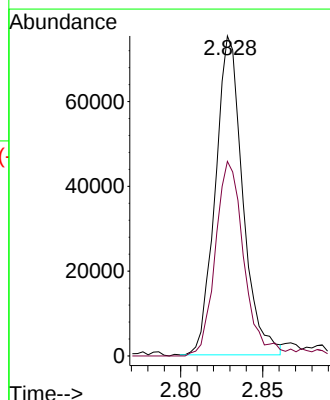
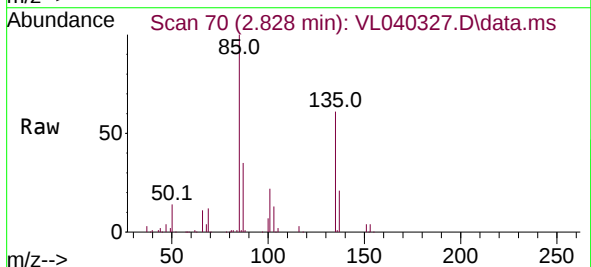
Manual Integrations
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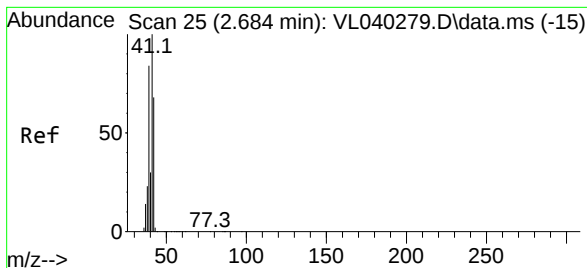
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#8
Dichlorotetrafluoroethane
Concen: 0.570 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.020 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 85 Resp: 87253
Ion Ratio Lower Upper
85 100
135 67.1 52.0 78.0





#9

Propene

Concen: 0.510 ppbv

RT: 2.668 min Scan# 20

Delta R.T. -0.016 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

Tgt Ion: 41 Resp: 2238

Ion Ratio Lower Upper

41 100

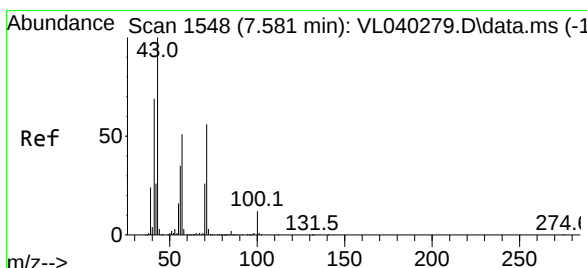
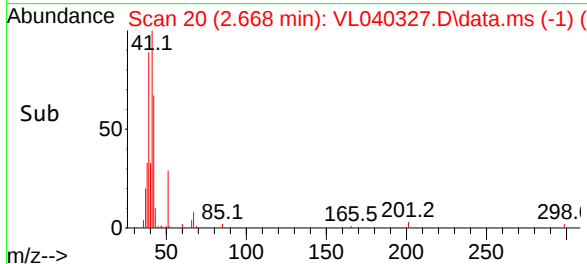
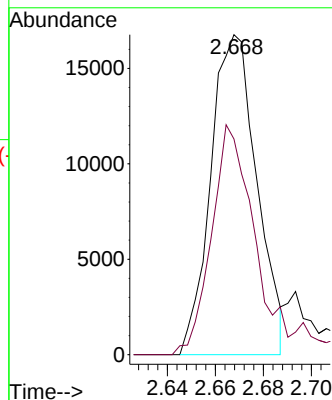
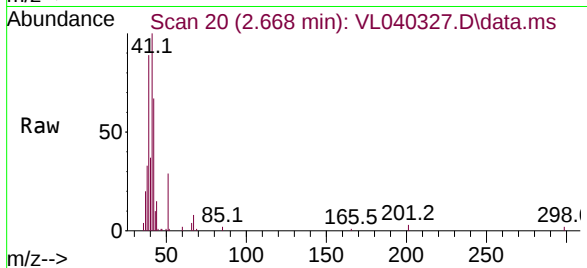
42 74.0 59.0 88.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#10

Heptane

Concen: 0.406 ppbv

RT: 7.555 min Scan# 1540

Delta R.T. -0.026 min

Lab File: VL040327.D

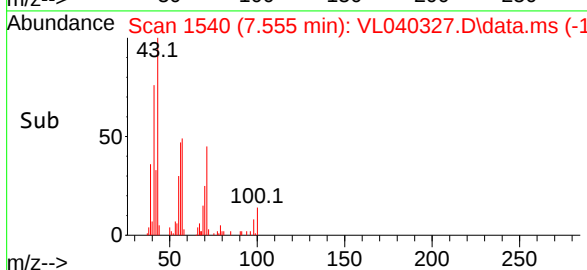
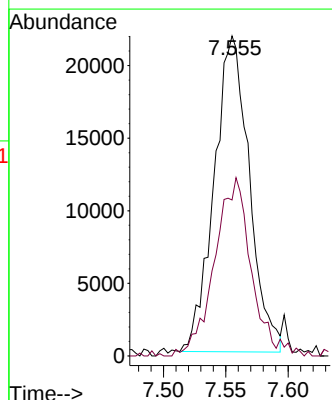
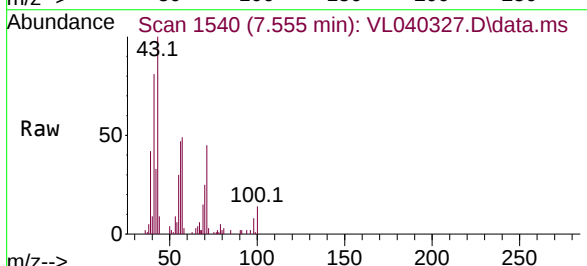
Acq: 10 Apr 2023 16:24

Tgt Ion: 43 Resp: 42826

Ion Ratio Lower Upper

43 100

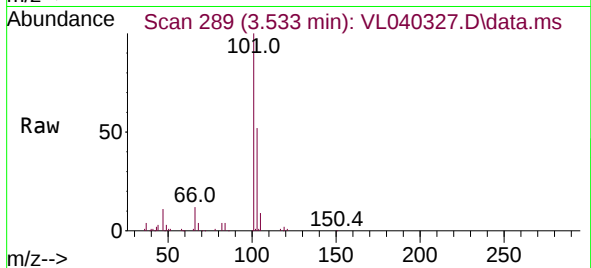
57 58.9 41.7 62.5





#11
Trichlorofluoromethane
Concen: 0.563 ppbv m
RT: 3.533 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

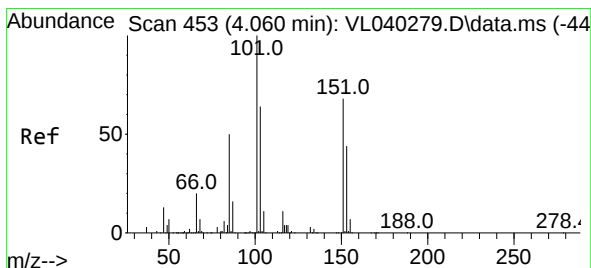
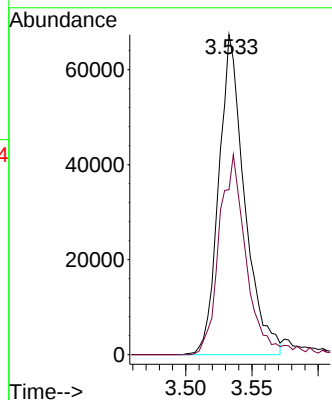
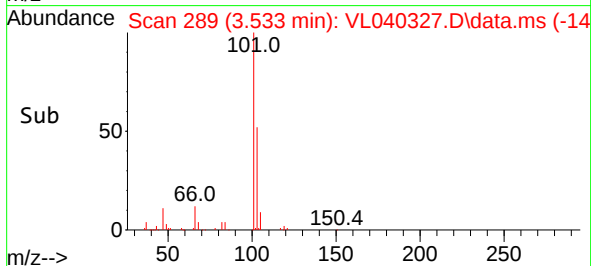
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



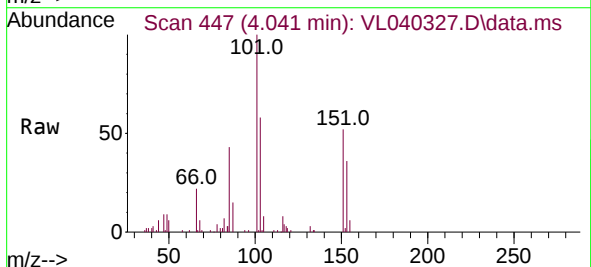
Tgt Ion:101 Resp: 9122
Ion Ratio Lower Upper
101 100
103 51.6 53.1 79.7

Manual Integrations
APPROVED

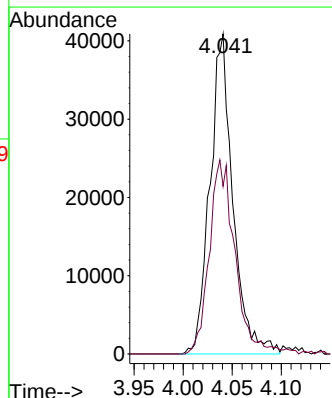
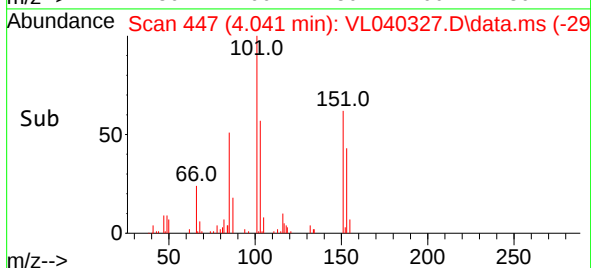
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

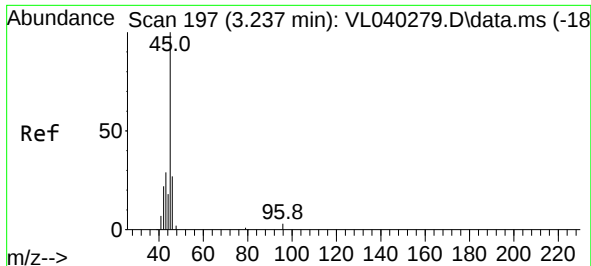


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.547 ppbv m
RT: 4.041 min Scan# 447
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



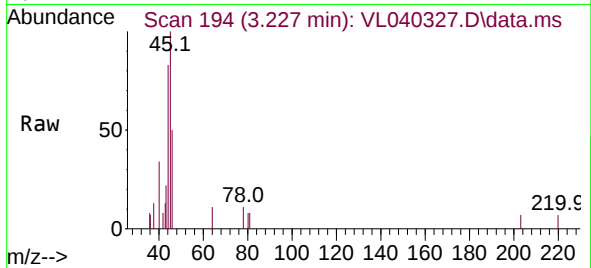
Tgt Ion:101 Resp: 66550
Ion Ratio Lower Upper
101 100
151 68.8 53.2 79.8





#13
Ethanol
Concen: 0.550 ppbv m
RT: 3.227 min Scan# 197
Delta R.T. -0.010 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

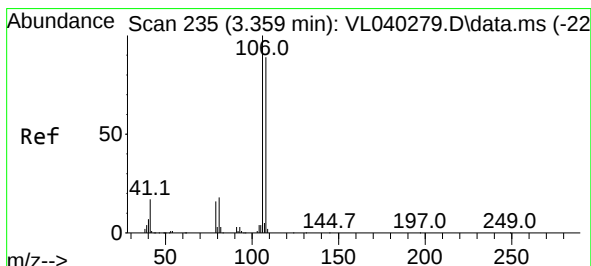
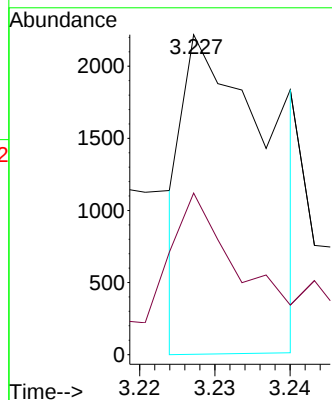
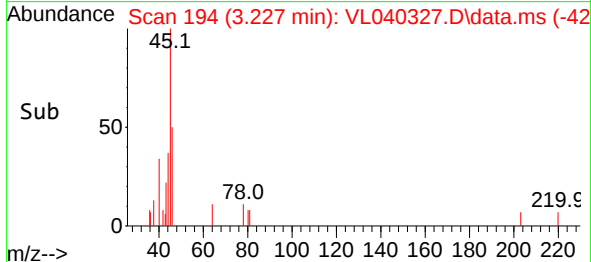
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 45 Resp: 1769
Ion Ratio Lower Upper
45 100
46 81.5 15.0 60.2

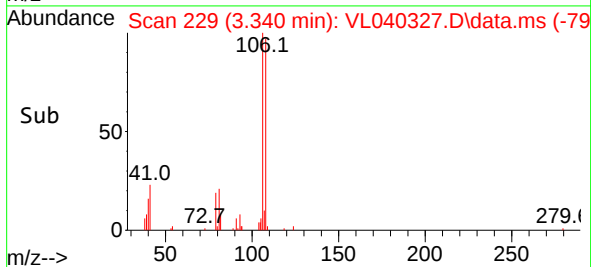
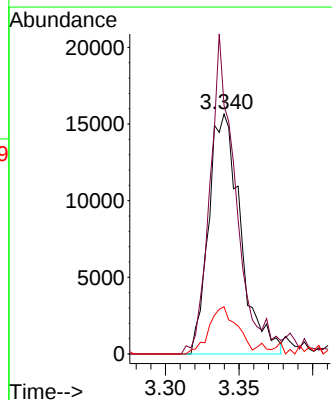
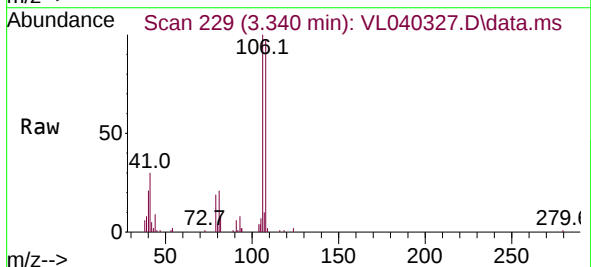
Manual Integrations
APPROVED

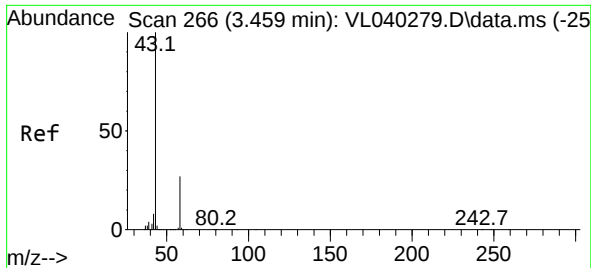
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#14
Bromoethene
Concen: 0.521 ppbv m
RT: 3.340 min Scan# 229
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

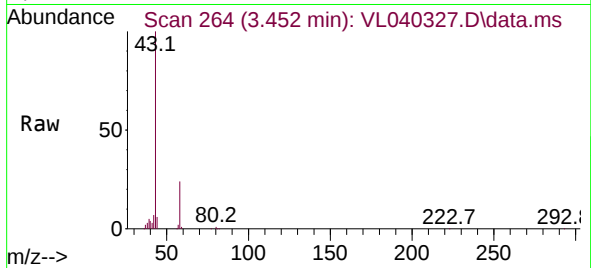
Tgt Ion:108 Resp: 23644
Ion Ratio Lower Upper
108 100
106 112.8 85.8 128.8
79 20.4 15.8 23.6





#15
Acetone
Concen: 0.633 ppbv m
RT: 3.452 min Scan# 20
Delta R.T. -0.007 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

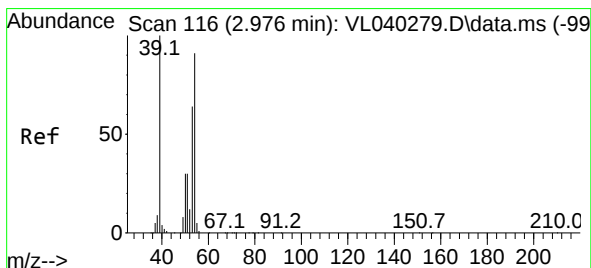
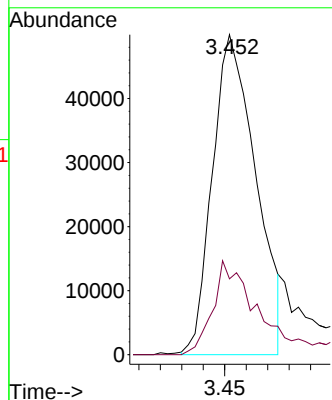
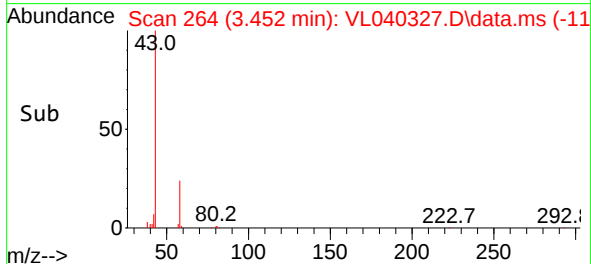
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 43 Resp: 7022
Ion Ratio Lower Upper
43 100
58 32.6 21.8 32.8

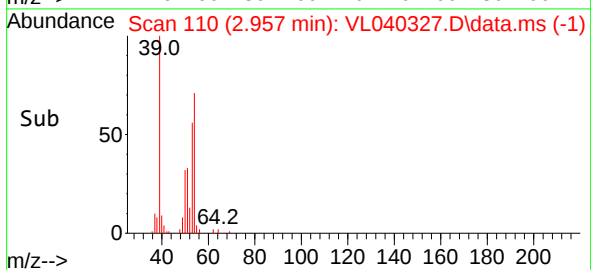
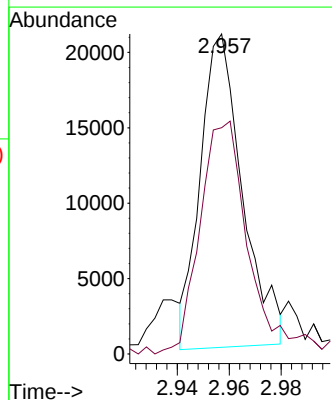
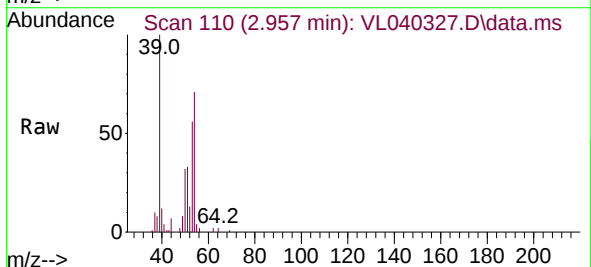
Manual Integrations
APPROVED

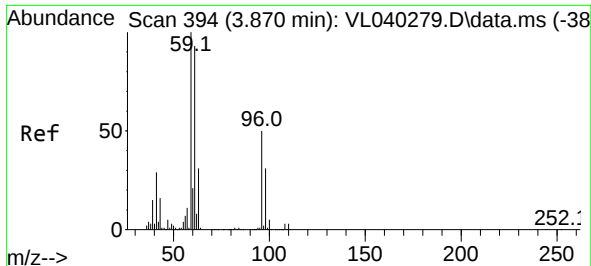
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#16
1,3-Butadiene
Concen: 0.466 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

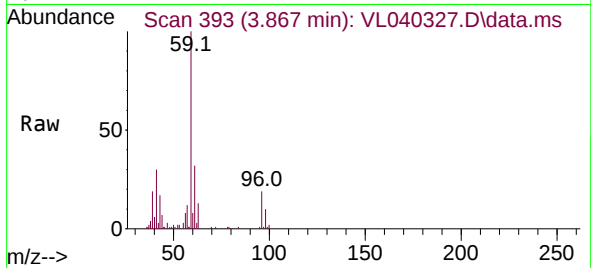
Tgt Ion: 39 Resp: 23473
Ion Ratio Lower Upper
39 100
54 89.5 68.4 102.6





#17
tert-Butyl alcohol
Concen: 0.529 ppbv
RT: 3.867 min Scan# 394
Delta R.T. -0.003 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

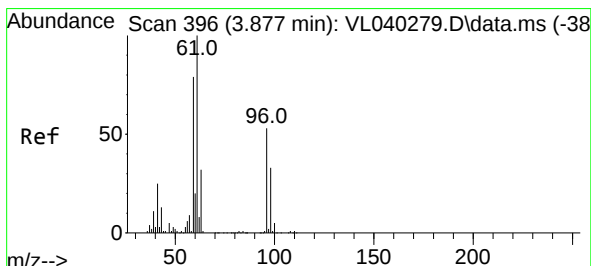
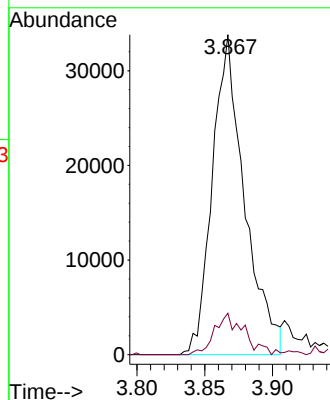
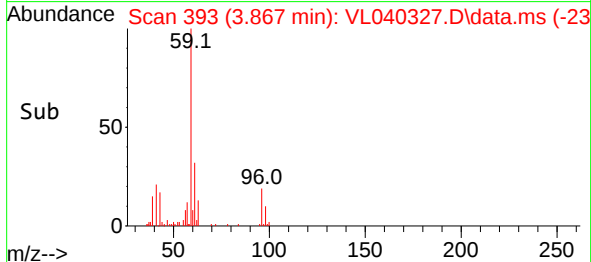
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 59 Resp: 55718
Ion Ratio Lower Upper
59 100
57 12.6 8.5 12.7

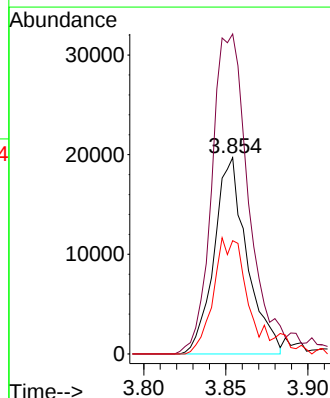
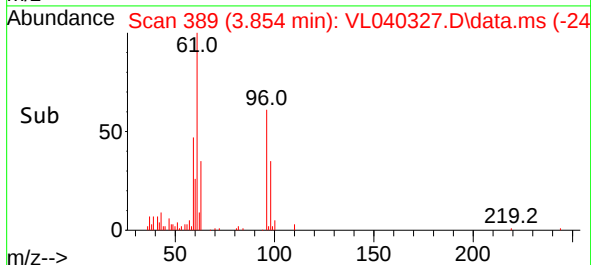
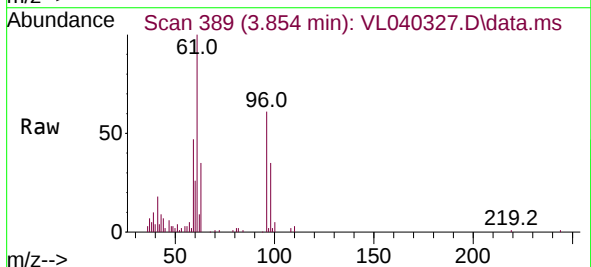
Manual Integrations
APPROVED

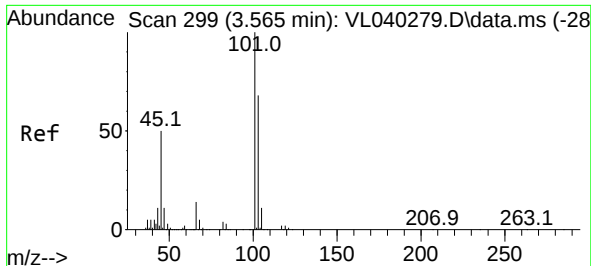
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#18
1,1-Dichloroethene
Concen: 0.524 ppbv
RT: 3.854 min Scan# 389
Delta R.T. -0.023 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 96 Resp: 27316
Ion Ratio Lower Upper
96 100
61 161.7 150.6 226.0
98 57.7 50.3 75.5





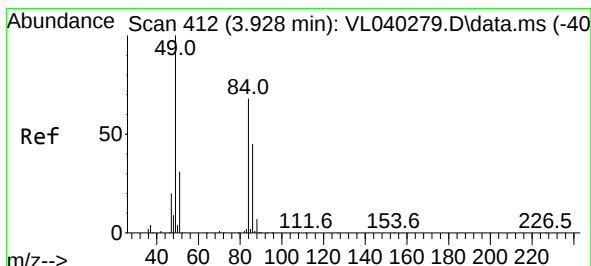
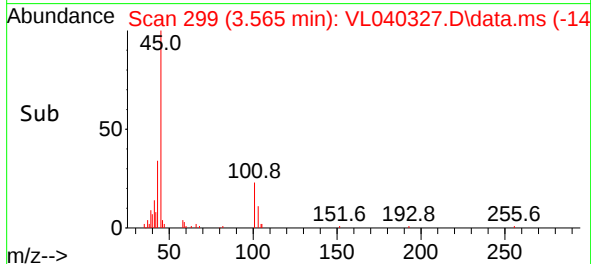
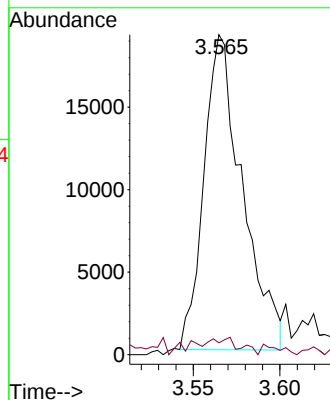
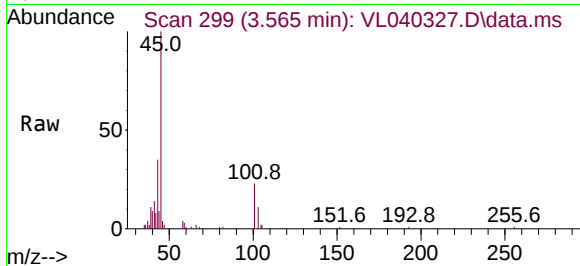
#19
Isopropyl Alcohol
Concen: 0.555 ppbv
RT: 3.565 min Scan# 299
Delta R.T. -0.000 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion: 45 Resp: 29498
Ion Ratio Lower Upper
45 100
58 9.1 2.7 4.1

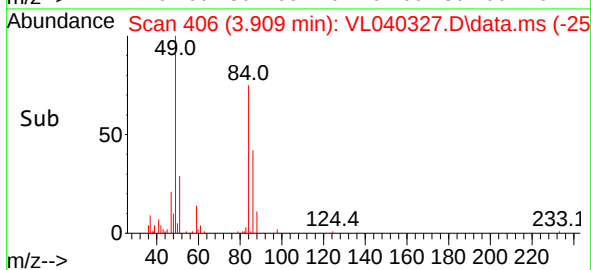
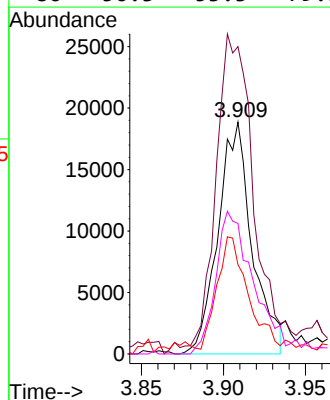
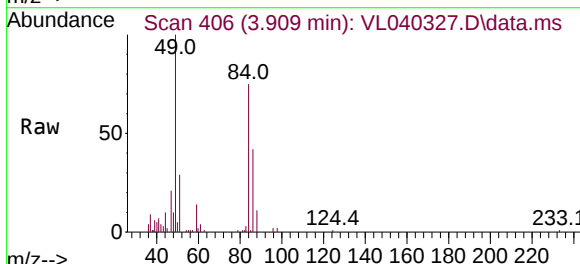
Manual Integrations
APPROVED

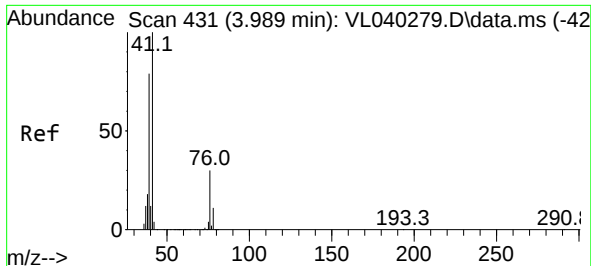
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#20
Methylene Chloride
Concen: 0.583 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

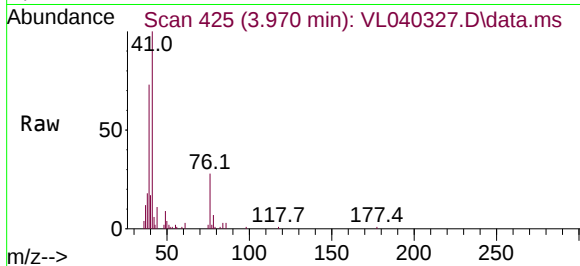
Tgt Ion: 84 Resp: 27213
Ion Ratio Lower Upper
84 100
49 129.8 117.5 176.3
51 35.0 36.9 55.3#
86 56.3 53.3 79.9





#21
 Allyl Chloride
 Concen: 0.521 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

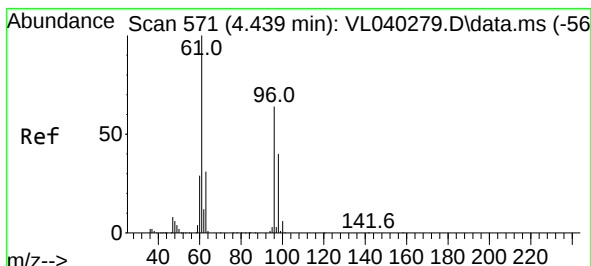
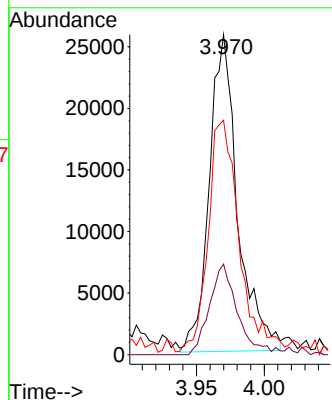
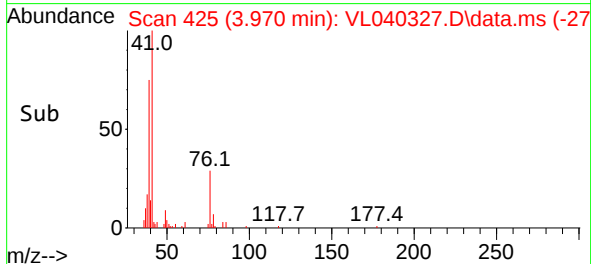
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023



Tgt Ion: 41 Resp: 37449
 Ion Ratio Lower Upper
 41 100
 76 29.6 25.4 38.0
 39 85.1 65.4 98.2

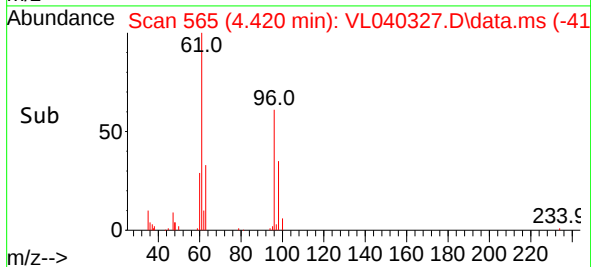
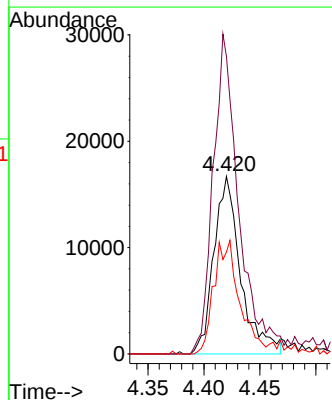
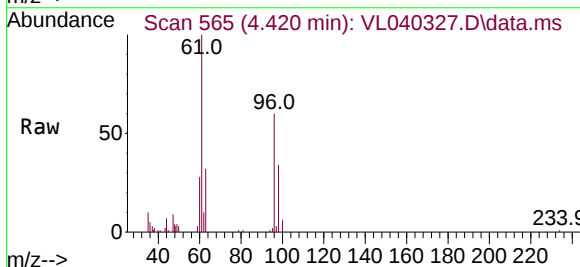
Manual Integrations
 APPROVED

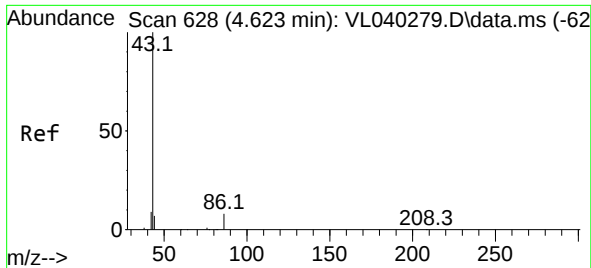
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.524 ppbv m
 RT: 4.420 min Scan# 565
 Delta R.T. -0.019 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

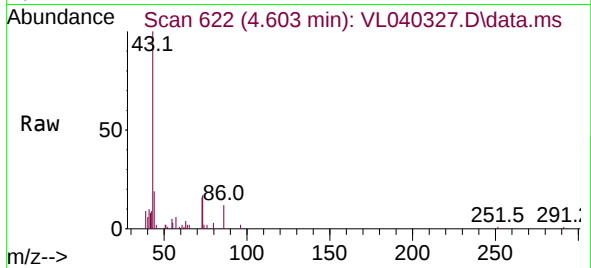
Tgt Ion: 96 Resp: 27824
 Ion Ratio Lower Upper
 96 100
 61 167.4 125.4 188.2
 98 57.4 49.8 74.6





#23
 Vinyl Acetate
 Concen: 0.499 ppbv m
 RT: 4.603 min Scan# 61
 Delta R.T. -0.020 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

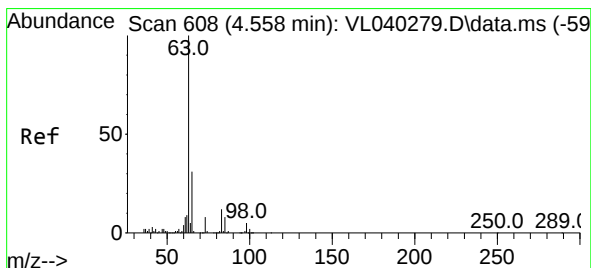
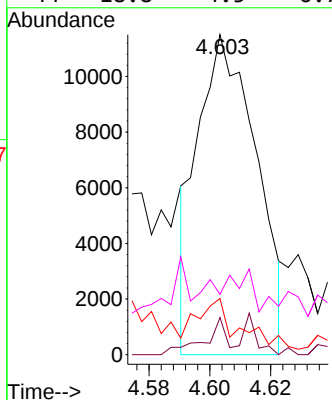
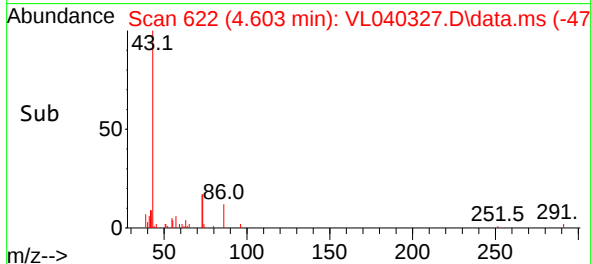
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023



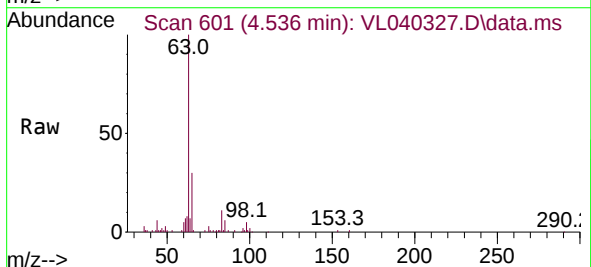
Tgt Ion: 43 Resp: 15384
 Ion Ratio Lower Upper
 43 100
 86 11.6 5.0 7.4
 42 9.0 9.1 13.7
 44 18.8 4.5 6.7

Manual Integrations
 APPROVED

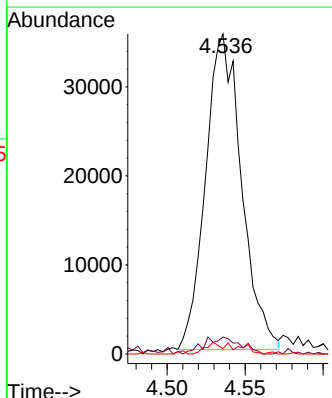
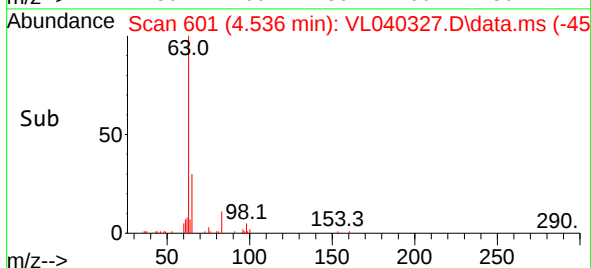
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

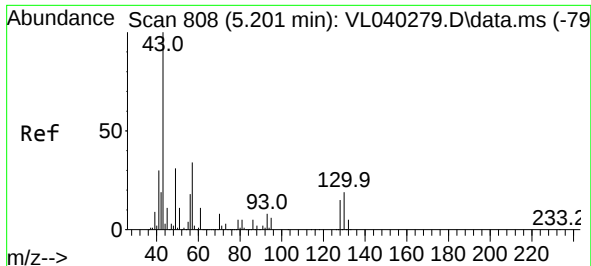


#24
 1,1-Dichloroethane
 Concen: 0.516 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.022 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24



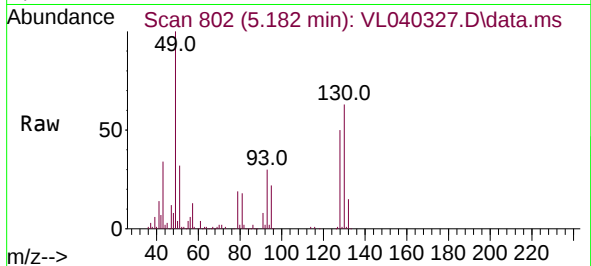
Tgt Ion: 63 Resp: 56833
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.4 7.2
 100 1.7 1.2 3.6





#25
Ethyl Acetate
Concen: 0.502 ppbv
RT: 5.182 min Scan# 801
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

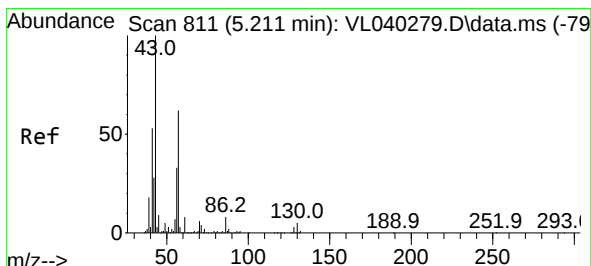
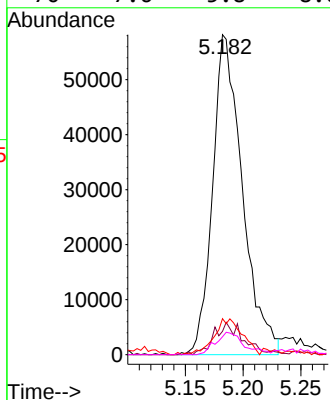
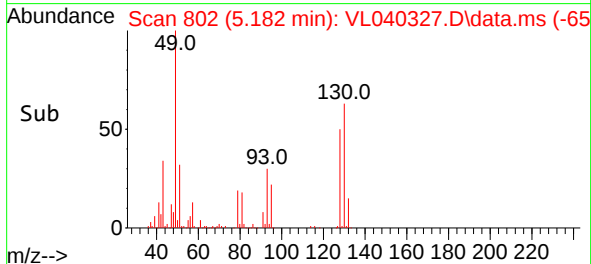
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 43 Resp: 104314
Ion Ratio Lower Upper
43 100
45 10.7 8.6 12.8
61 12.4 8.4 12.6
70 7.6 5.8 8.6

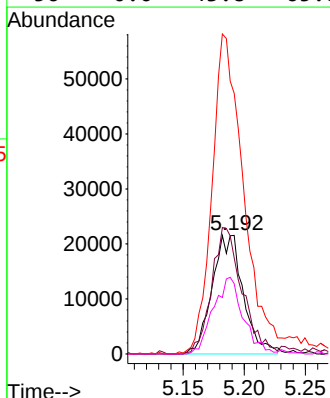
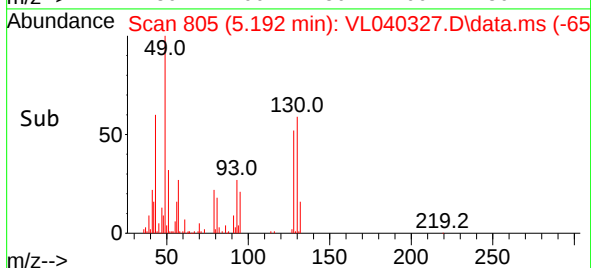
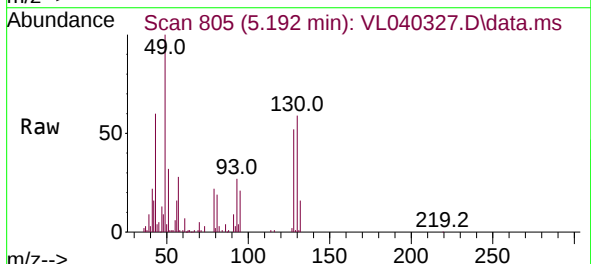
Manual Integrations
APPROVED

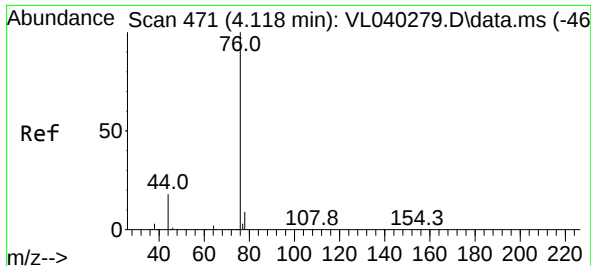
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#26
Hexane
Concen: 0.449 ppbv m
RT: 5.192 min Scan# 805
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

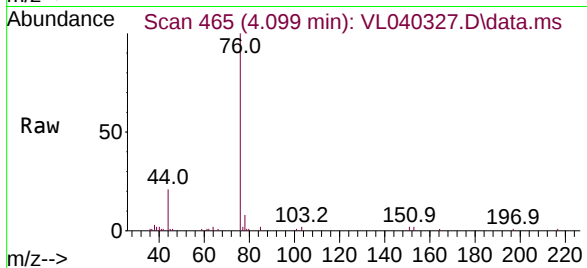
Tgt Ion: 57 Resp: 38275
Ion Ratio Lower Upper
57 100
41 107.2 73.5 110.3
43 291.7 196.3 294.5
56 0.0 43.8 65.8#





#27
Carbon Disulfide
Concen: 0.431 ppbv
RT: 4.099 min Scan# 409
Delta R.T. -0.019 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

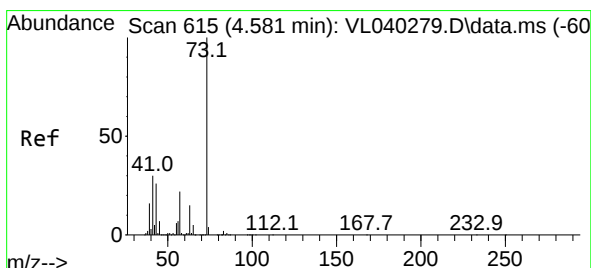
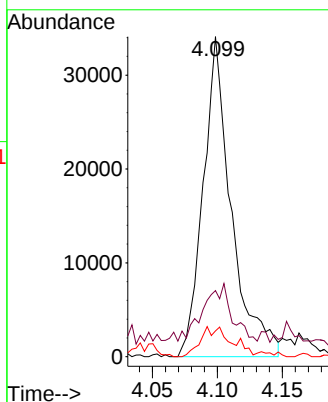
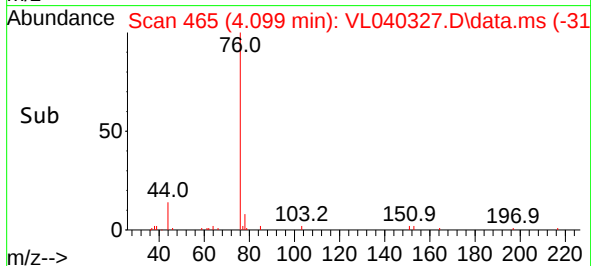
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 76 Resp: 51308
Ion Ratio Lower Upper
76 100
44 20.2 15.2 22.8
78 11.1 7.6 11.4

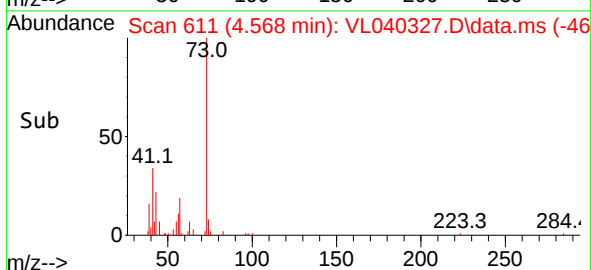
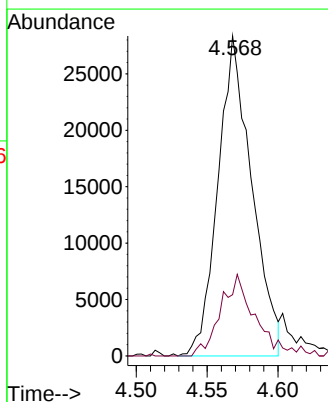
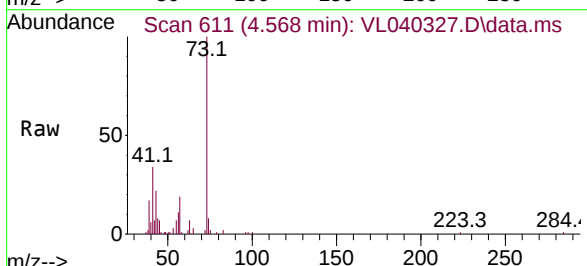
Manual Integrations
APPROVED

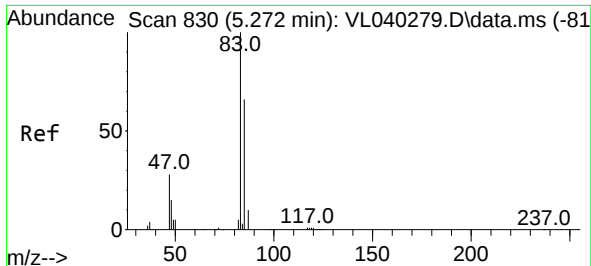
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#28
Methyl tert-Butyl Ether
Concen: 0.481 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.013 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 73 Resp: 47083
Ion Ratio Lower Upper
73 100
57 26.5 18.4 27.6





#29

Chloroform

Concen: 0.552 ppbv

RT: 5.250 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

Tgt Ion: 83 Resp: 8313

Ion Ratio Lower Upper

83 100

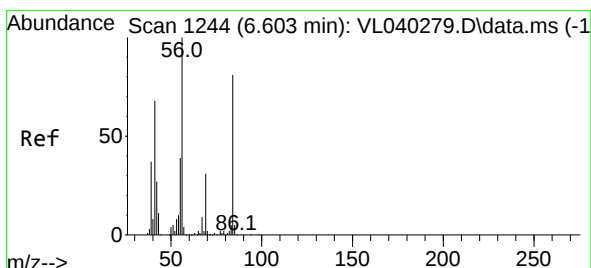
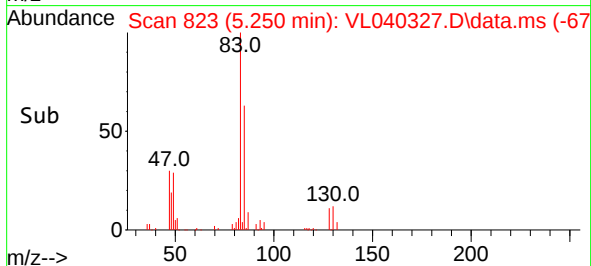
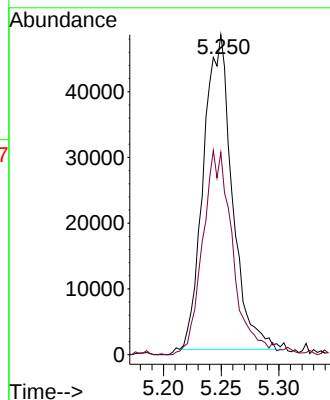
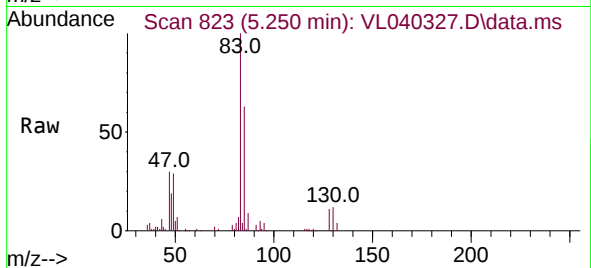
85 63.1 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#30

Cyclohexane

Concen: 0.388 ppbv m

RT: 6.578 min Scan# 1236

Delta R.T. -0.025 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

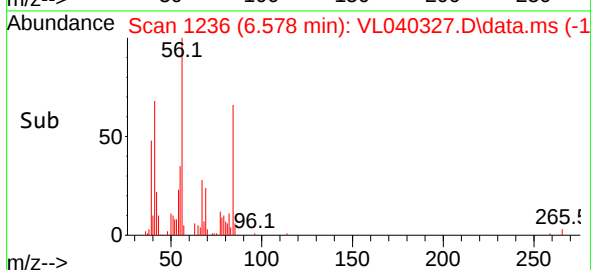
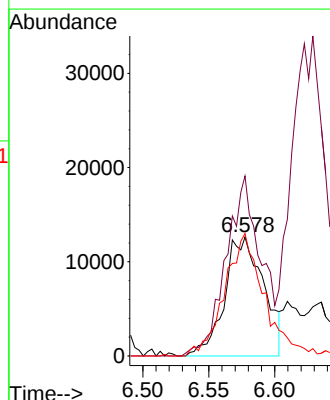
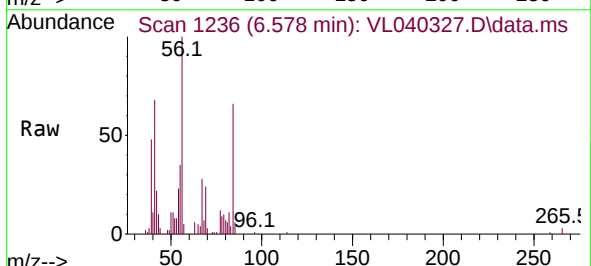
Tgt Ion: 84 Resp: 26027

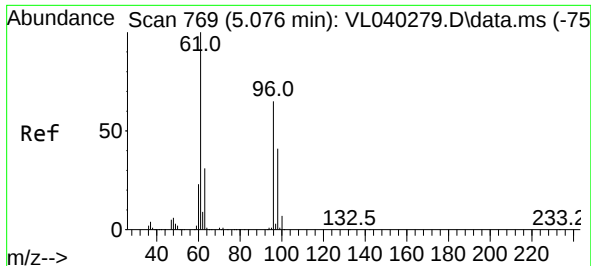
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

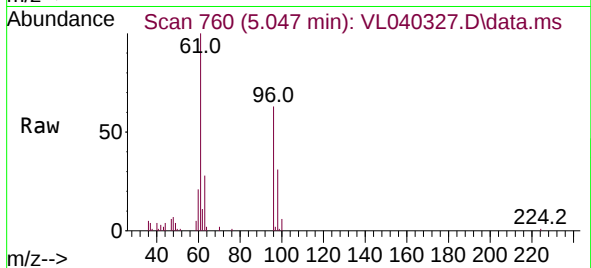
41 0.0 67.9 101.9#





#31
cis-1,2-Dichloroethene
Concen: 0.486 ppbv m
RT: 5.047 min Scan# 760
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

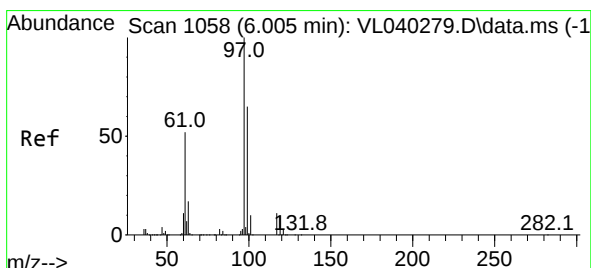
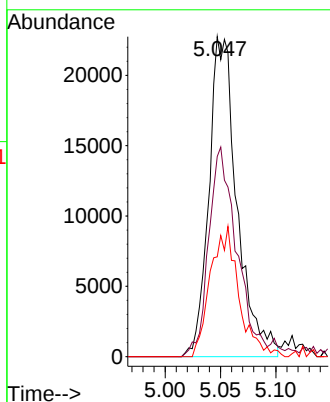
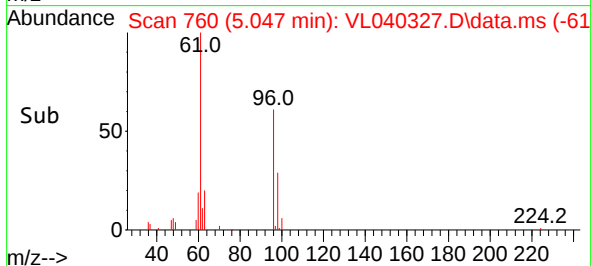
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 61 Resp: 40340
Ion Ratio Lower Upper
61 100
96 62.5 51.8 77.8
98 31.2 32.5 48.7

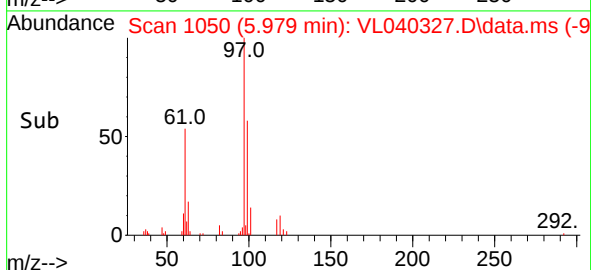
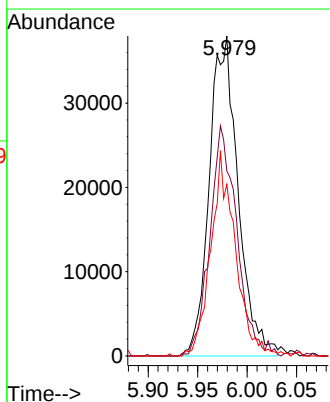
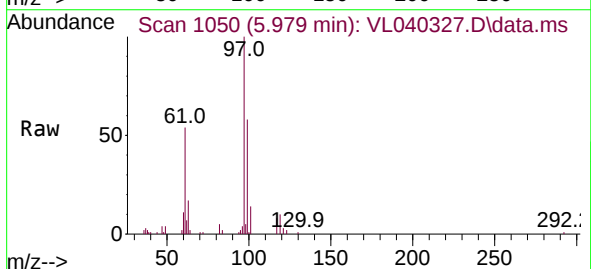
Manual Integrations
APPROVED

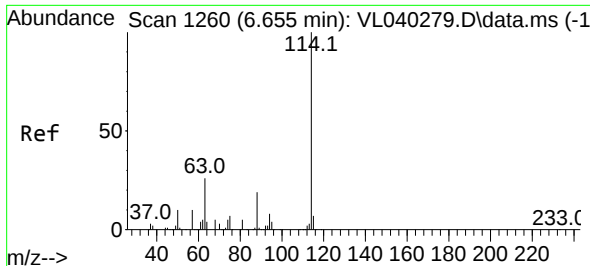
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#32
1,1,1-Trichloroethane
Concen: 0.531 ppbv m
RT: 5.979 min Scan# 1050
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

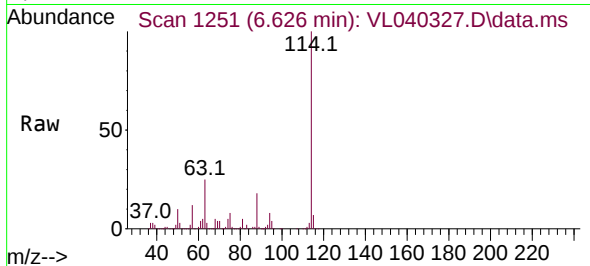
Tgt Ion: 97 Resp: 76529
Ion Ratio Lower Upper
97 100
99 67.9 52.2 78.2
61 55.3 41.4 62.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 114
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

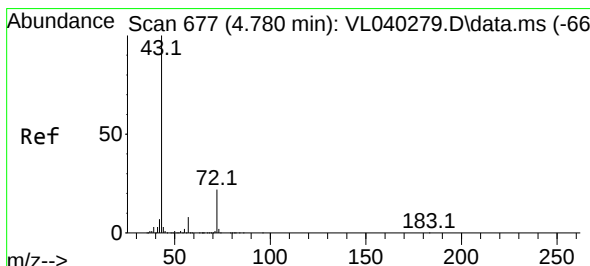
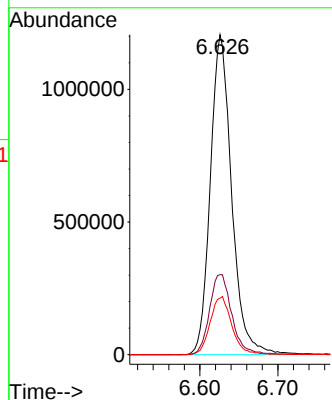
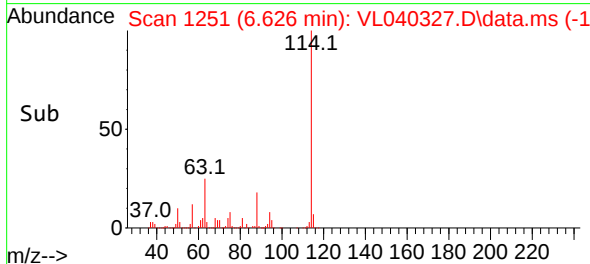
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 114 Resp: 229206
Ion Ratio Lower Upper
114 100
63 26.4 21.2 31.8
88 18.5 14.5 21.7

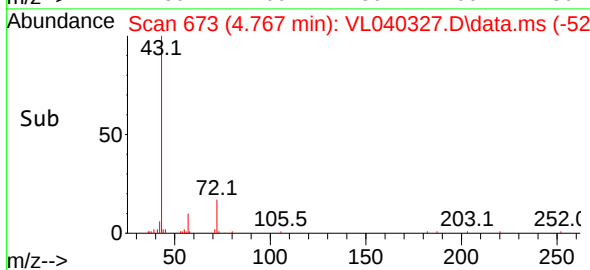
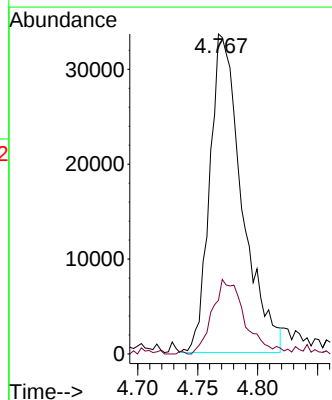
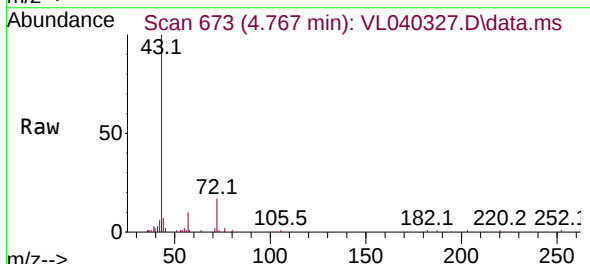
Manual Integrations
APPROVED

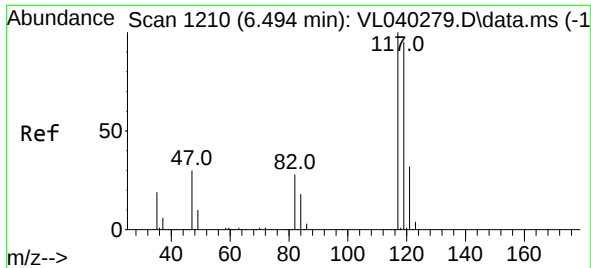
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#34
2-Butanone
Concen: 0.556 ppbv
RT: 4.767 min Scan# 673
Delta R.T. -0.013 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

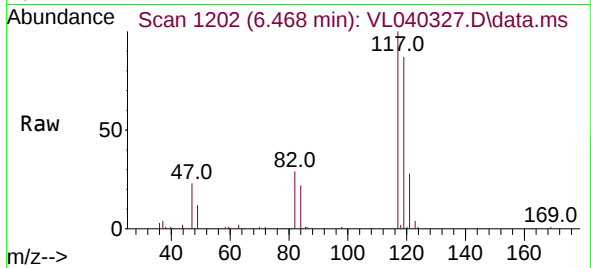
Tgt Ion: 43 Resp: 62878
Ion Ratio Lower Upper
43 100
72 23.5 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.547 ppbv
RT: 6.468 min Scan# 1163
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

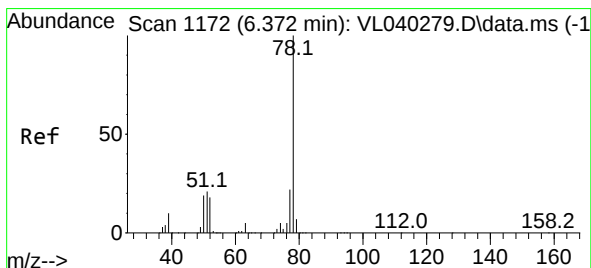
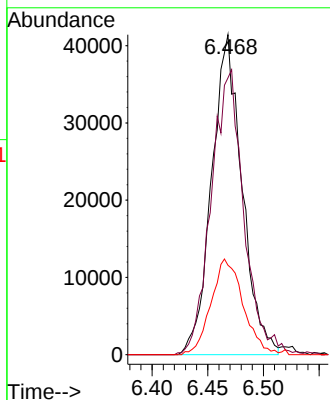
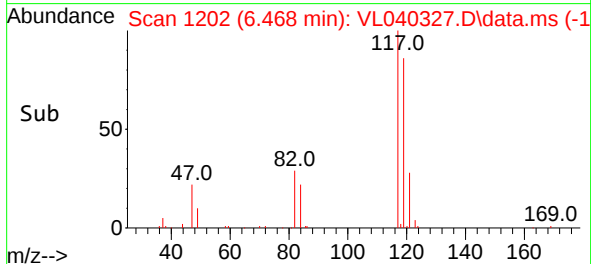
Instrument : MSVOA_L
ClientSampleId : VL040327.D
LOQ-AIR-02-QT2-2023



Tgt Ion: 117 Resp: 78648
Ion Ratio Lower Upper
117 100
119 85.9 76.4 114.6
121 27.9 25.6 38.4

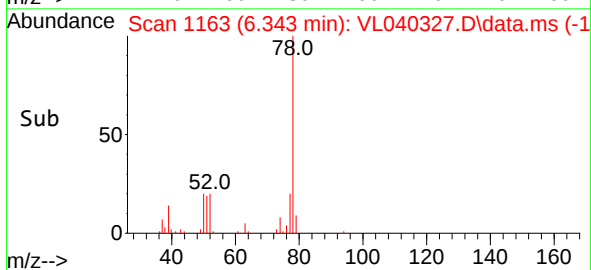
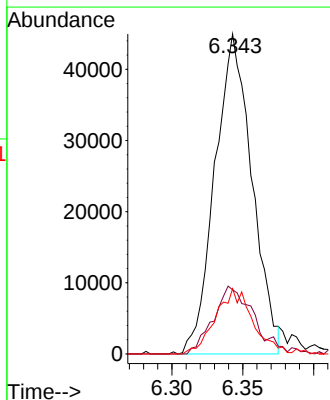
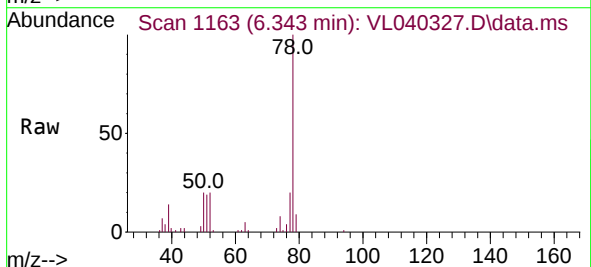
Manual Integrations
APPROVED

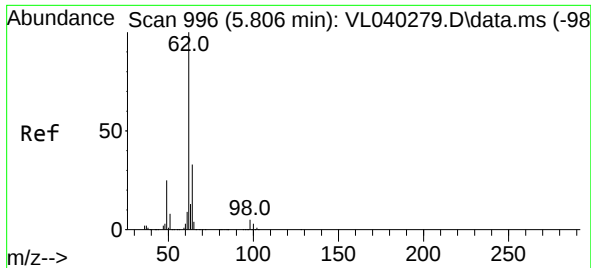
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#36
Benzene
Concen: 0.469 ppbv
RT: 6.343 min Scan# 1163
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 78 Resp: 81986
Ion Ratio Lower Upper
78 100
77 20.1 17.8 26.8
50 20.4 15.4 23.2





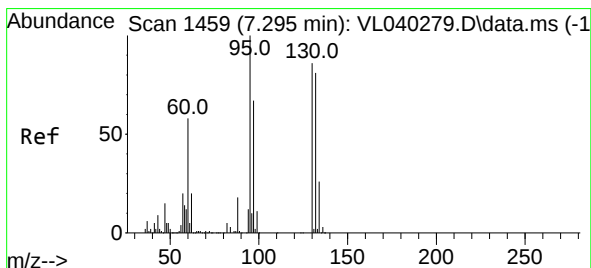
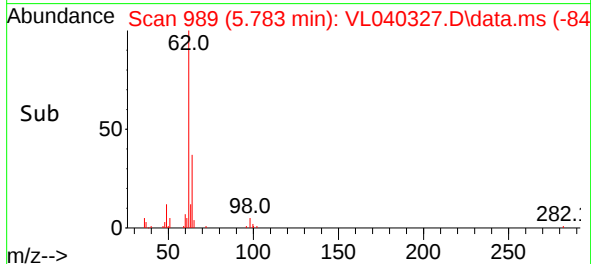
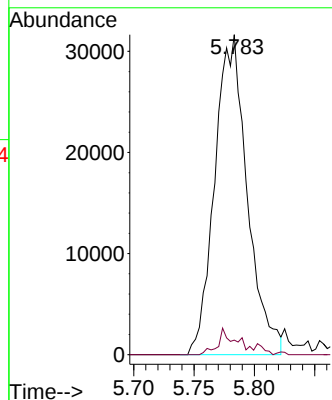
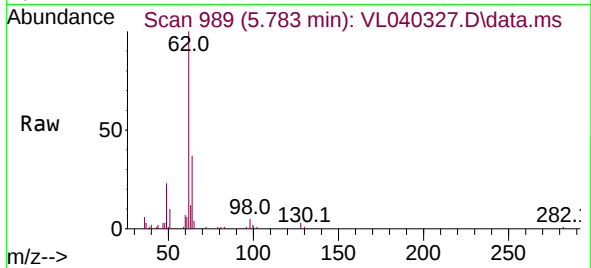
#37
1,2-Dichloroethane
Concen: 0.521 ppbv m
RT: 5.783 min Scan# 996
Delta R.T. -0.023 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion: 62 Resp: 59260
Ion Ratio Lower Upper
62 100
98 0.0 4.3 6.5

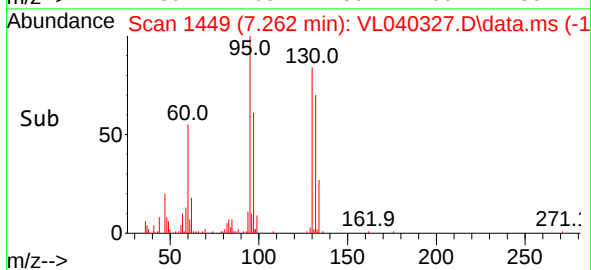
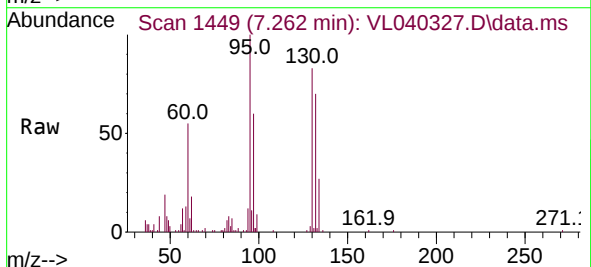
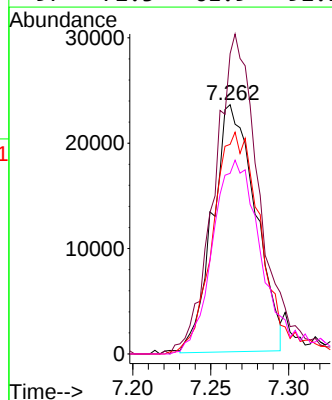
Manual Integrations
APPROVED

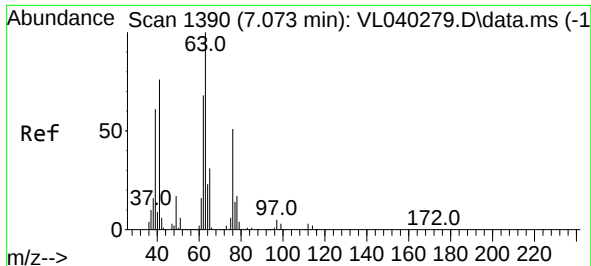
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#38
Trichloroethene
Concen: 0.469 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. -0.033 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:130 Resp: 44788
Ion Ratio Lower Upper
130 100
95 117.9 93.0 139.4
132 82.7 75.3 112.9
97 72.3 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.510 ppbv m

RT: 7.044 min Scan# 1

Delta R.T. -0.029 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

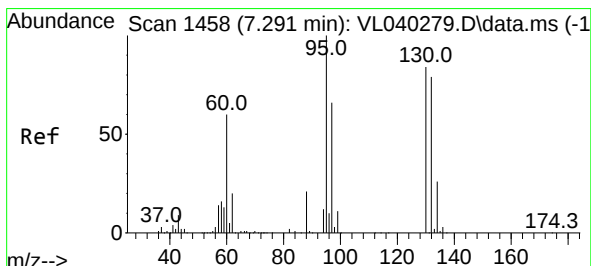
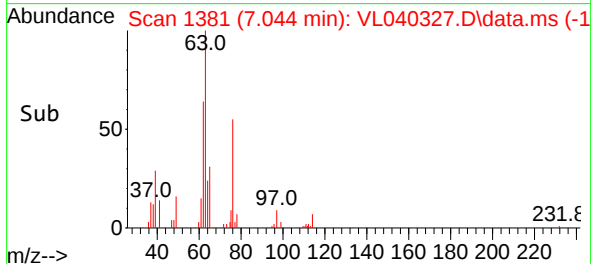
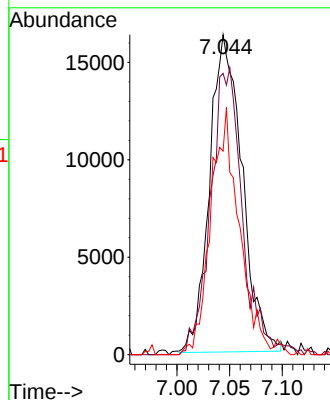
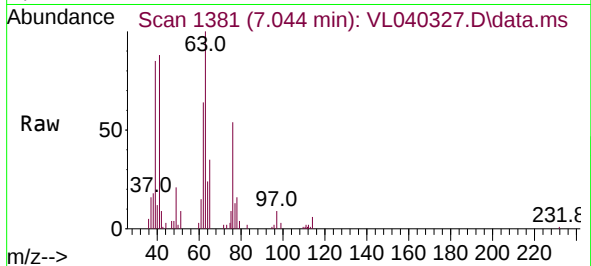
LOQ-AIR-02-QT2-2023

Tgt Ion: 63	Resp: 3496
Ion Ratio	Lower Upper
63	100
41	87.9 60.8 91.2
62	63.6 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#40

1,4-Dioxane

Concen: 0.477 ppbv m

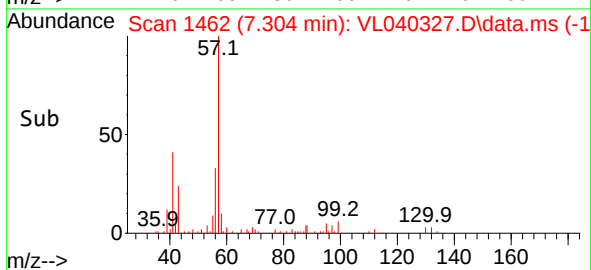
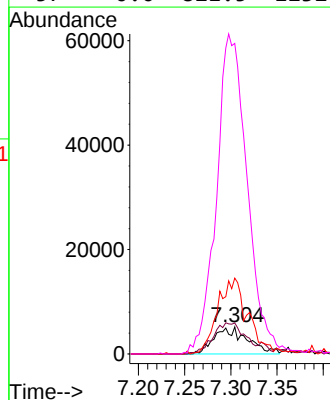
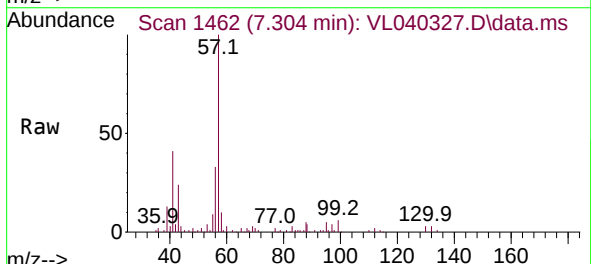
RT: 7.304 min Scan# 1462

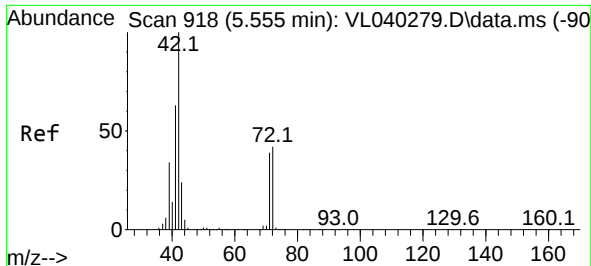
Delta R.T. 0.013 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Tgt Ion: 88	Resp: 12924
Ion Ratio	Lower Upper
88	100
58	0.0 96.0 144.0#
43	0.0 187.6 281.4#
57	0.0 821.5 1232.3#





#41

Tetrahydrofuran

Concen: 0.427 ppbv m

RT: 5.558 min Scan# 918

Delta R.T. 0.003 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

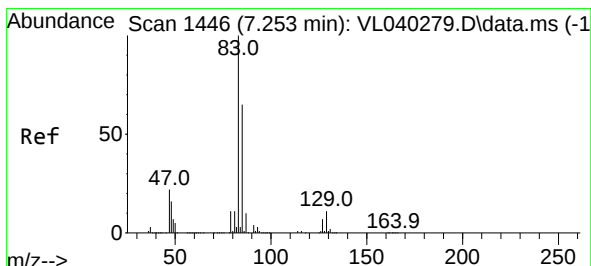
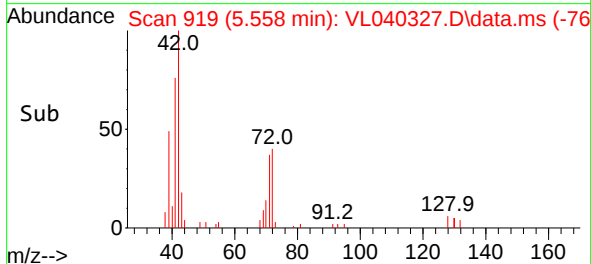
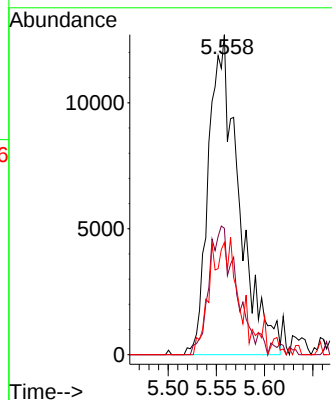
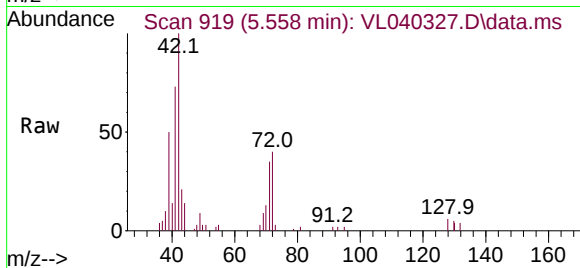
Tgt Ion:	42	Resp:	2787
Ion Ratio	Lower	Upper	
42	100		
72	38.7	32.6	49.0
71	0.0	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#42

Bromodichloromethane

Concen: 0.494 ppbv

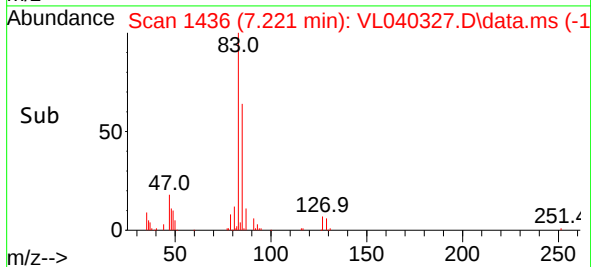
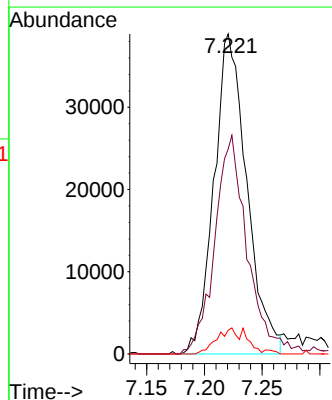
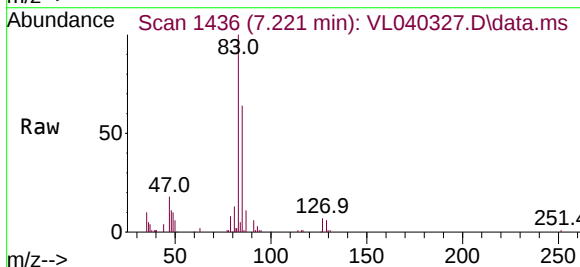
RT: 7.221 min Scan# 1436

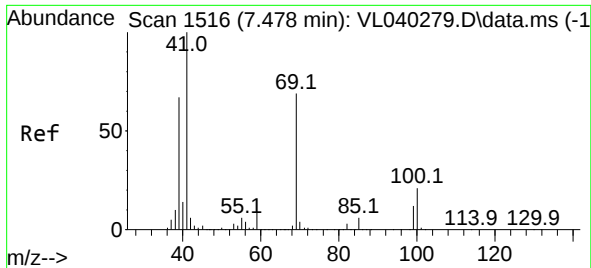
Delta R.T. -0.032 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

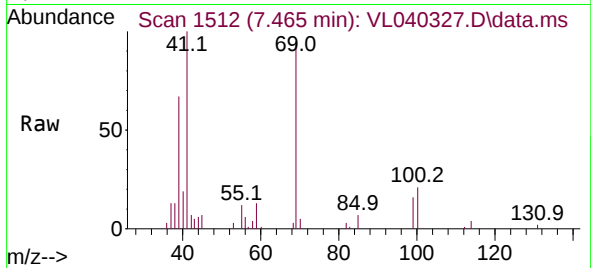
Tgt Ion:	83	Resp:	76775
Ion Ratio	Lower	Upper	
83	100		
85	64.0	52.1	78.1
127	7.4	5.8	8.6





#43
Methyl Methacrylate
Concen: 0.395 ppbv m
RT: 7.465 min Scan# 1516
Delta R.T. -0.013 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

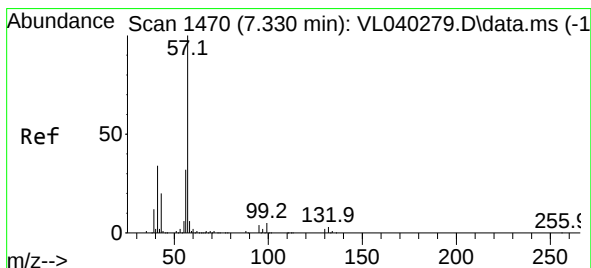
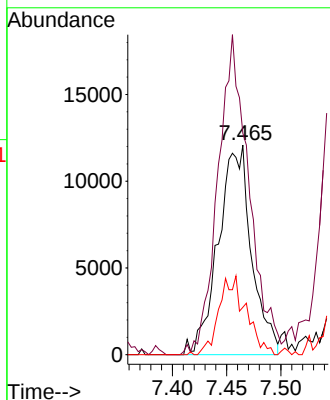
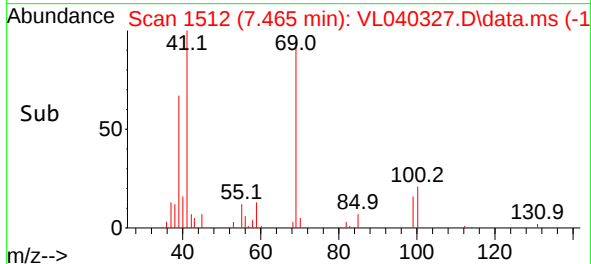
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 69 Resp: 25654
Ion Ratio Lower Upper
69 100
41 144.8 116.9 175.3
100 30.8 24.2 36.4

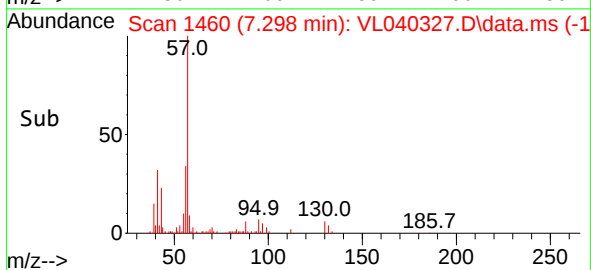
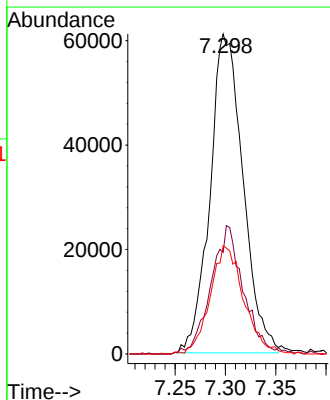
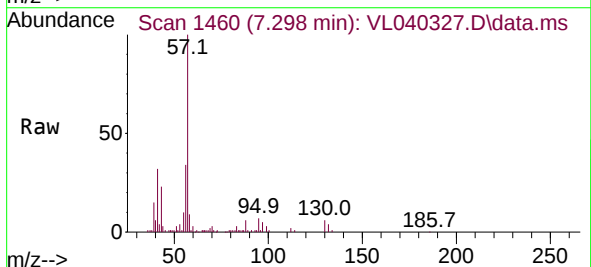
Manual Integrations
APPROVED

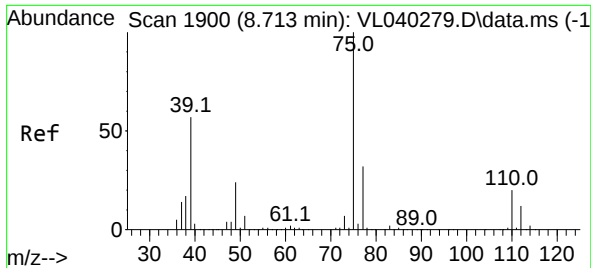
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#44
2,2,4-Trimethylpentane
Concen: 0.479 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

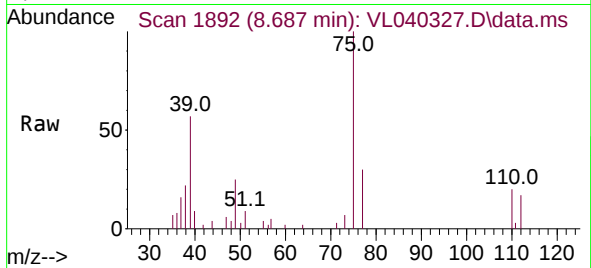
Tgt Ion: 57 Resp: 139458
Ion Ratio Lower Upper
57 100
41 39.5 26.8 40.2
56 34.7 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 0.361 ppbv m
RT: 8.687 min Scan# 1715
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

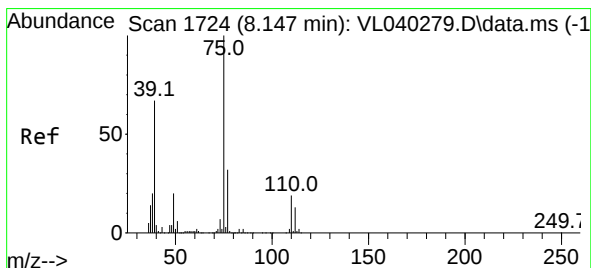
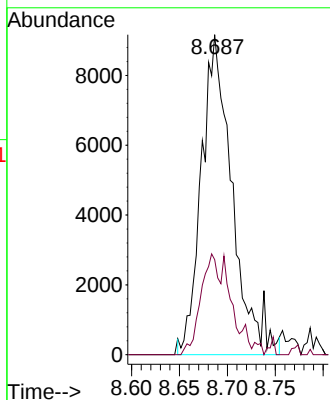
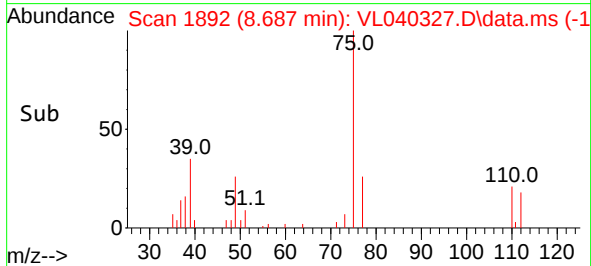
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 75 Resp: 2041
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.0

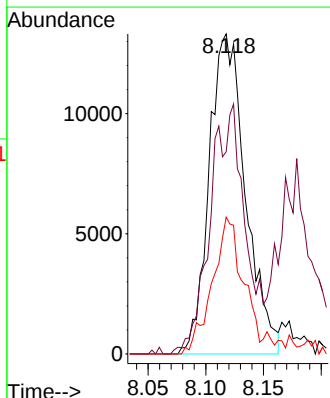
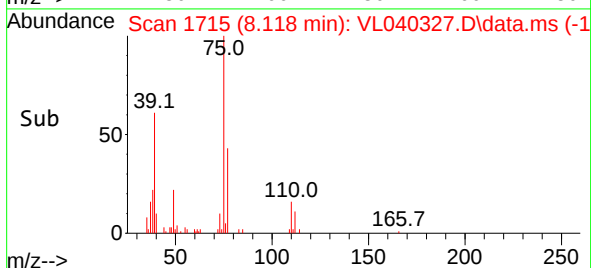
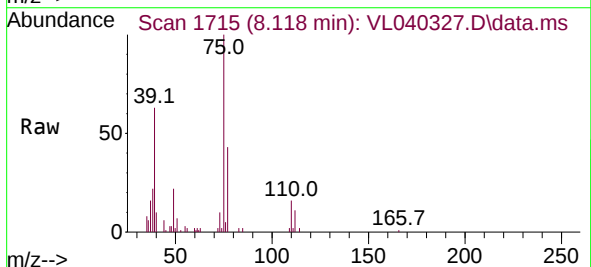
Manual Integrations
APPROVED

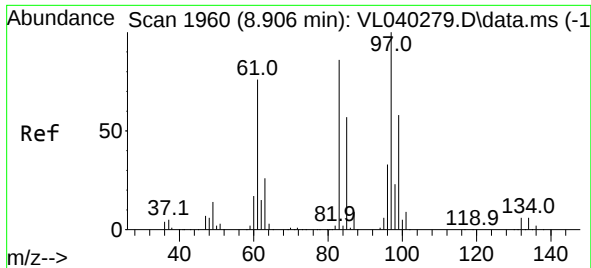
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#46
cis-1,3-Dichloropropene
Concen: 0.363 ppbv
RT: 8.118 min Scan# 1715
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

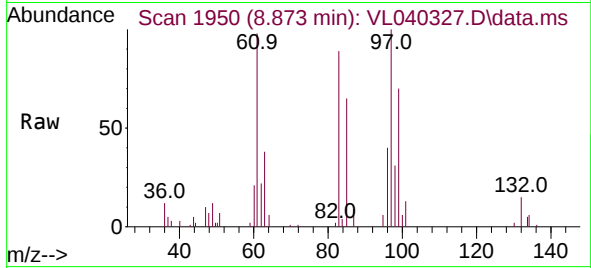
Tgt Ion: 75 Resp: 29169
Ion Ratio Lower Upper
75 100
39 61.1 53.9 80.9
77 42.7 25.3 37.9#





#47
1,1,2-Trichloroethane
Concen: 0.508 ppbv m
RT: 8.873 min Scan# 1950
Delta R.T. -0.033 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

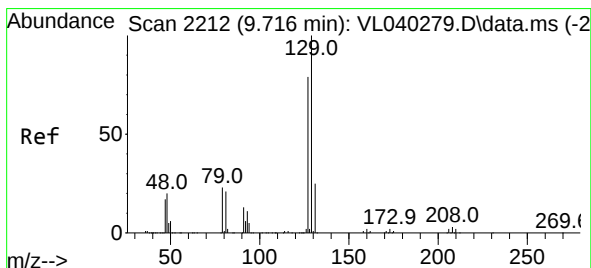
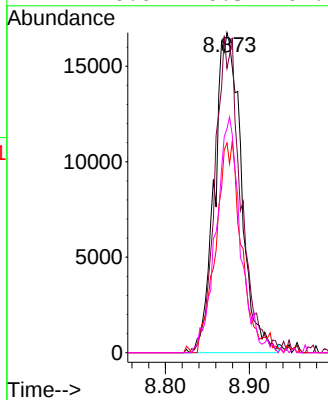
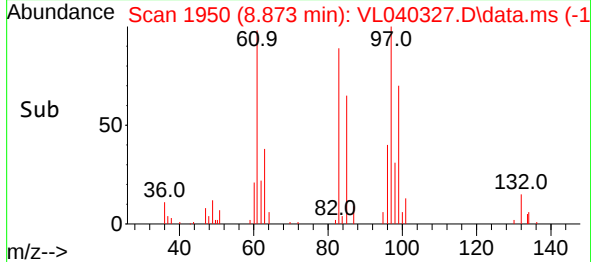
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



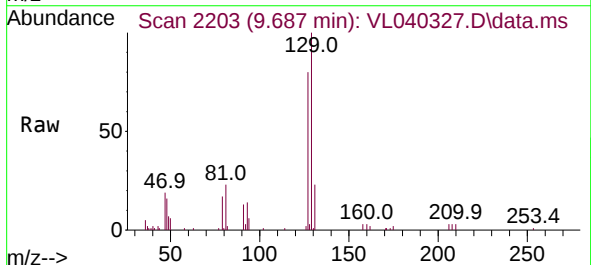
Tgt Ion: 97 Resp: 37150
Ion Ratio Lower Upper
97 100
83 88.9 68.6 103.0
85 65.5 46.0 69.0
99 70.0 46.3 69.5#

Manual Integrations
APPROVED

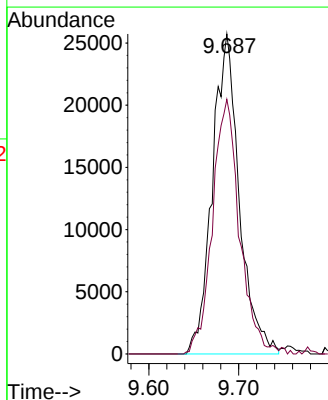
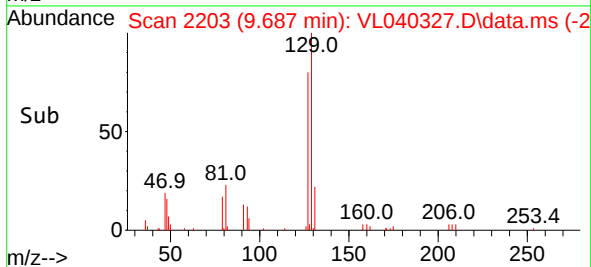
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

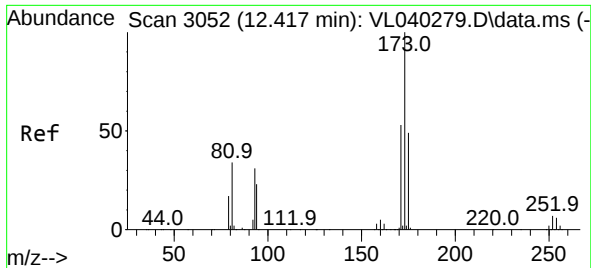


#48
Dibromochloromethane
Concen: 0.445 ppbv m
RT: 9.687 min Scan# 2203
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



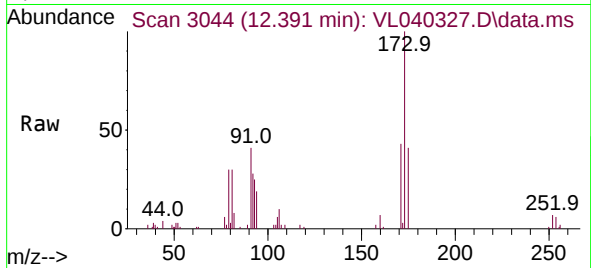
Tgt Ion:129 Resp: 53497
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.5#





#49
Bromoform
Concen: 0.451 ppbv m
RT: 12.391 min Scan# 3052
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

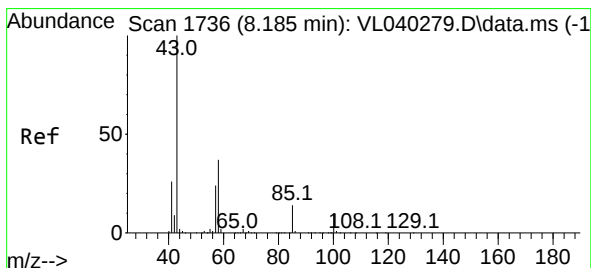
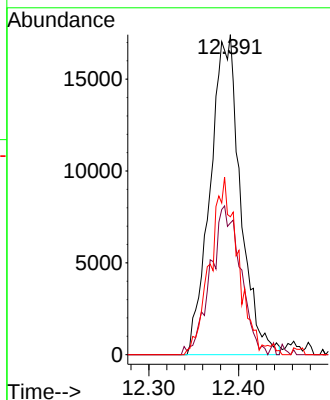
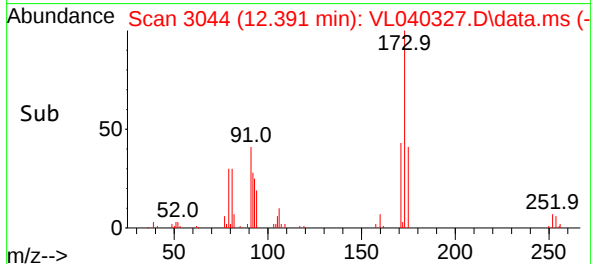
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion: 173 Resp: 4075
Ion Ratio Lower Upper
173 100
175 46.3 39.8 59.8
171 51.7 42.2 63.4

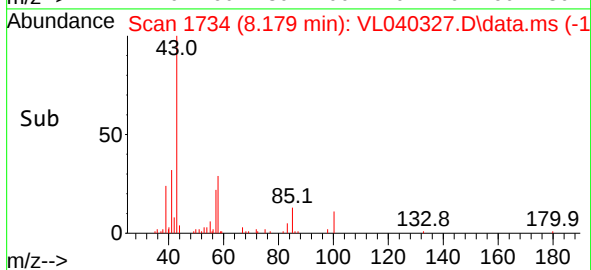
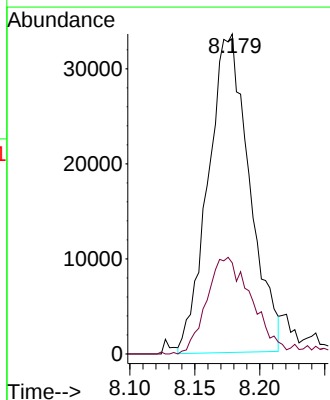
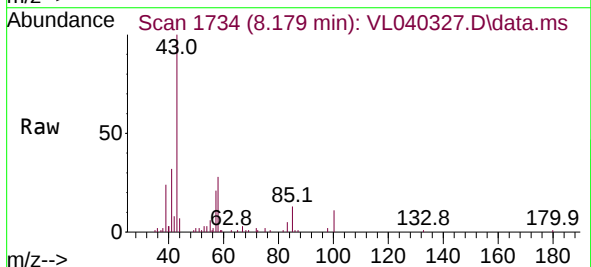
Manual Integrations
APPROVED

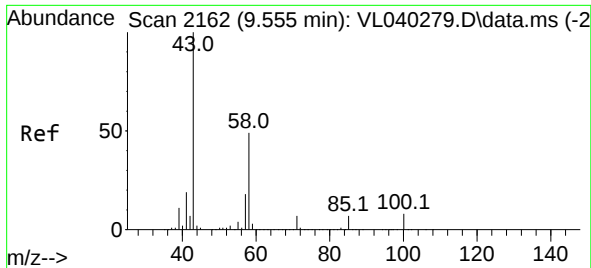
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#50
4-Methyl-2-Pentanone
Concen: 0.424 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 43 Resp: 74160
Ion Ratio Lower Upper
43 100
58 35.1 29.2 43.8





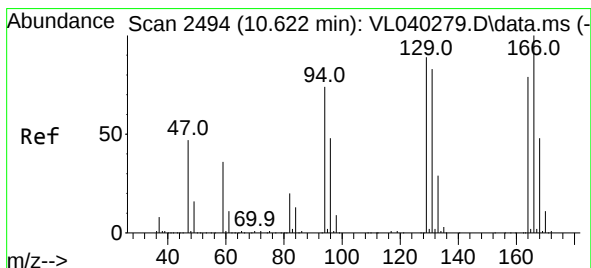
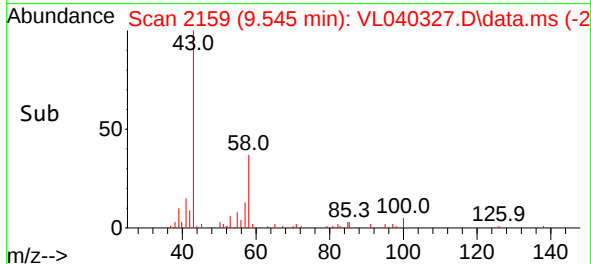
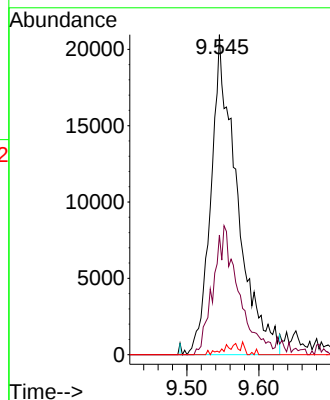
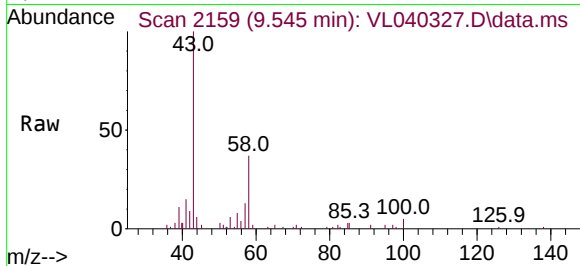
#51
2-Hexanone
Concen: 0.389 ppbv m
RT: 9.545 min Scan# 2162
Delta R.T. -0.010 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion: 43 Resp: 5281
Ion Ratio Lower Upper
43 100
58 39.6 38.0 57.0
98 0.0 0.5 0.7

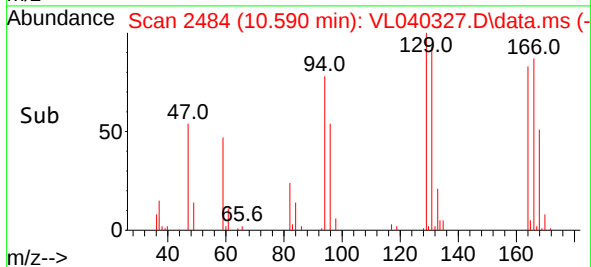
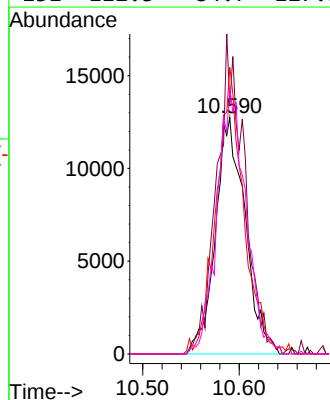
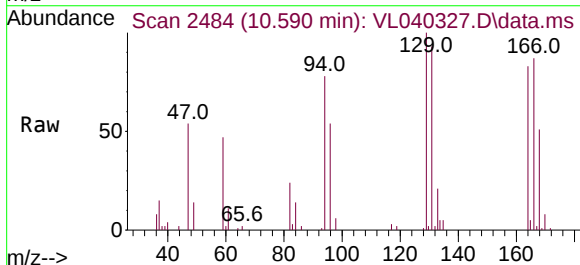
Manual Integrations
APPROVED

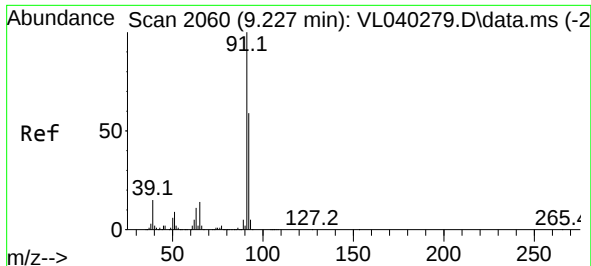
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#52
Tetrachloroethene
Concen: 0.515 ppbv m
RT: 10.590 min Scan# 2484
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion:164 Resp: 27240
Ion Ratio Lower Upper
164 100
166 105.5 101.8 152.6
129 121.2 90.2 135.2
131 112.3 84.7 127.1





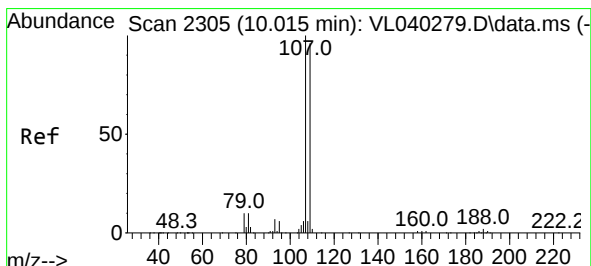
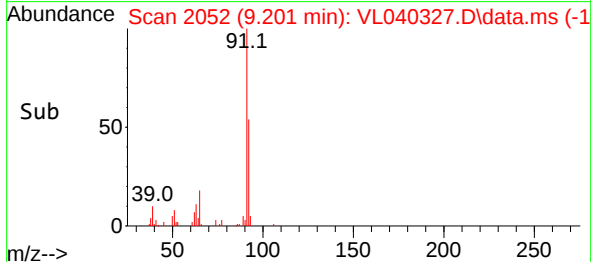
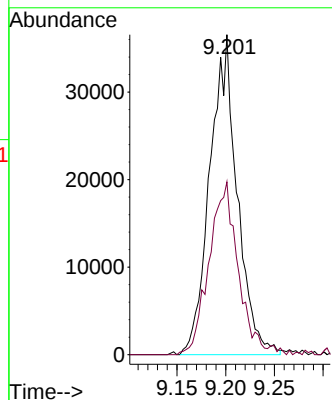
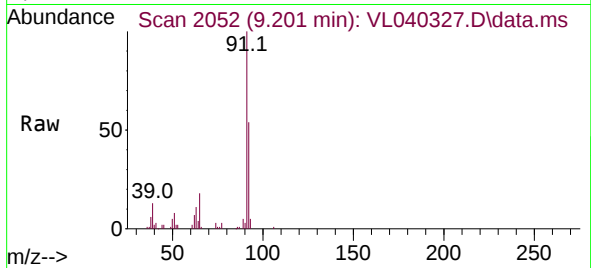
#53
Toluene
Concen: 0.390 ppbv
RT: 9.201 min Scan# 2060
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion: 91 Resp: 7130
Ion Ratio Lower Upper
91 100
92 57.8 48.0 72.0

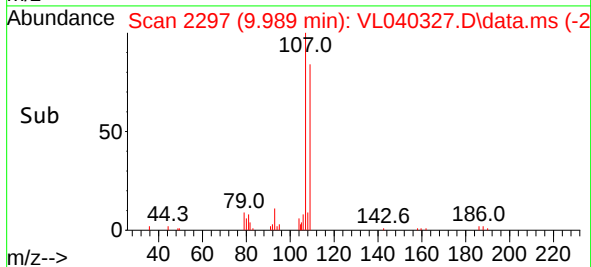
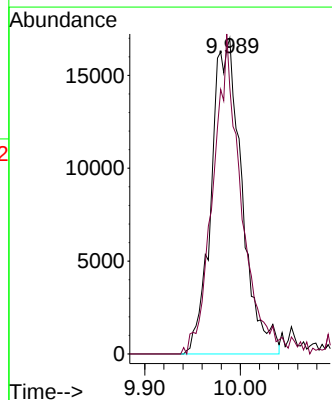
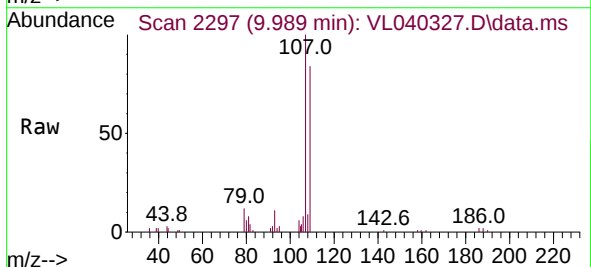
Manual Integrations
APPROVED

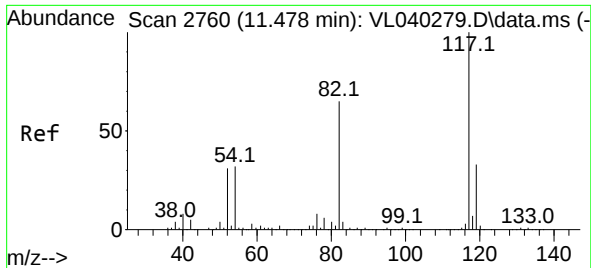
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#54
1,2-Dibromoethane
Concen: 0.501 ppbv m
RT: 9.989 min Scan# 2297
Delta R.T. -0.026 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

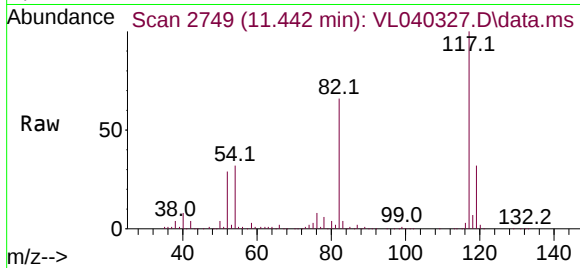
Tgt Ion:107 Resp: 37726
Ion Ratio Lower Upper
107 100
109 84.4 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 21
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

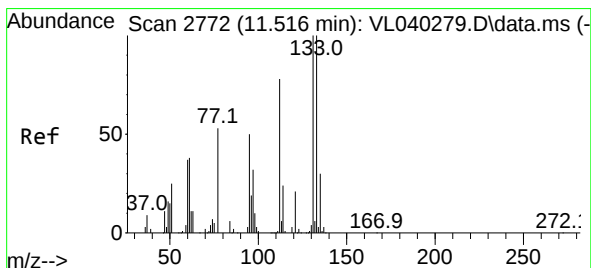
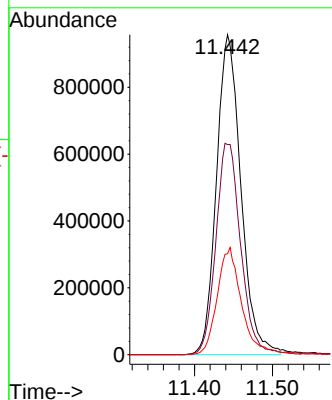
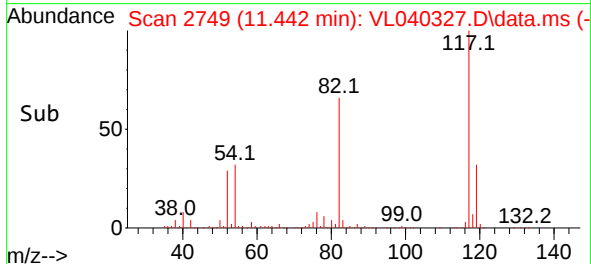
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



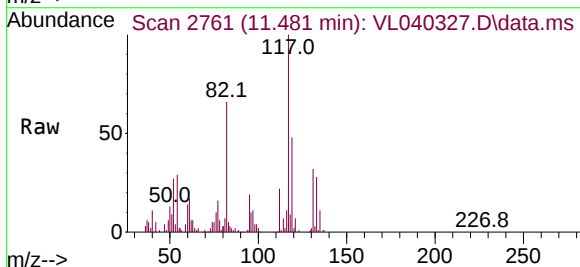
Tgt Ion:117 Resp: 208602
Ion Ratio Lower Upper
117 100
82 67.9 51.4 77.2
119 33.6 24.0 36.0

Manual Integrations
APPROVED

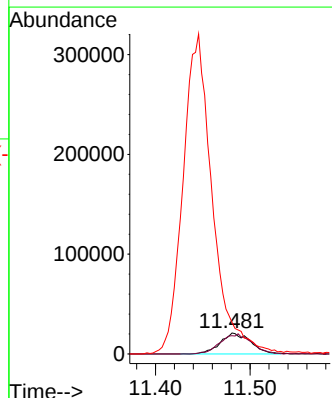
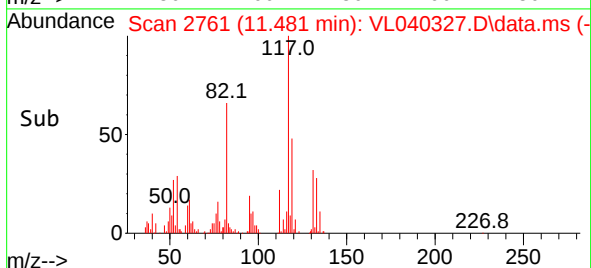
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

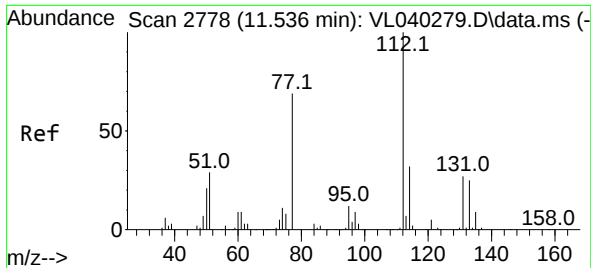


#56
1,1,1,2-Tetrachloroethane
Concen: 0.534 ppbv m
RT: 11.481 min Scan# 2761
Delta R.T. -0.035 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



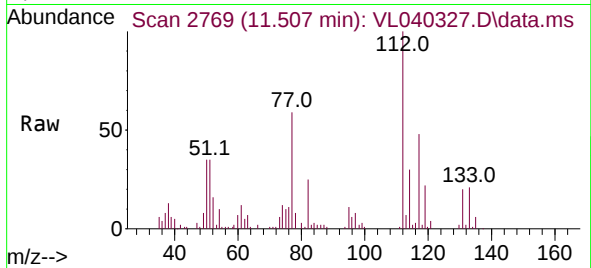
Tgt Ion:131 Resp: 46862
Ion Ratio Lower Upper
131 100
133 99.9 76.5 114.7
119 0.0 47.9 71.9#





#57
Chlorobenzene
Concen: 0.555 ppbv m
RT: 11.507 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

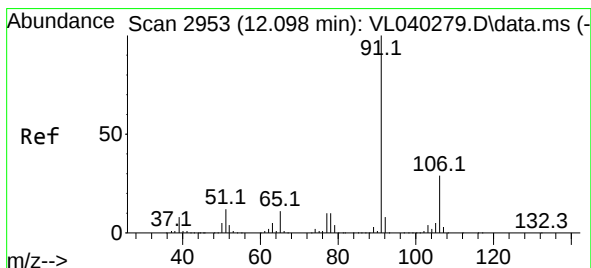
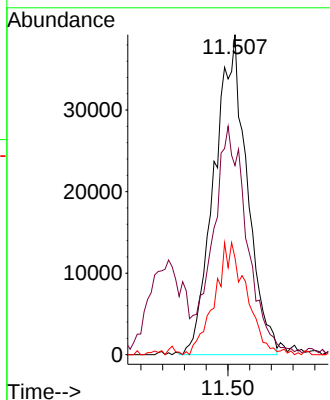
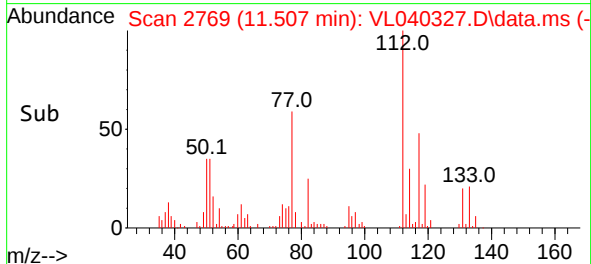
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



Tgt Ion:112 Resp: 8230
Ion Ratio Lower Upper
112 100
77 59.1 56.2 84.2
114 30.3 29.0 35.4

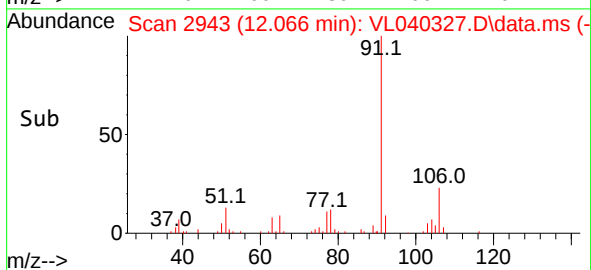
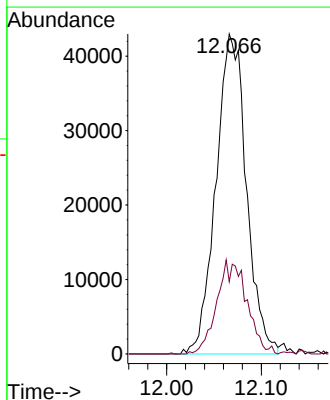
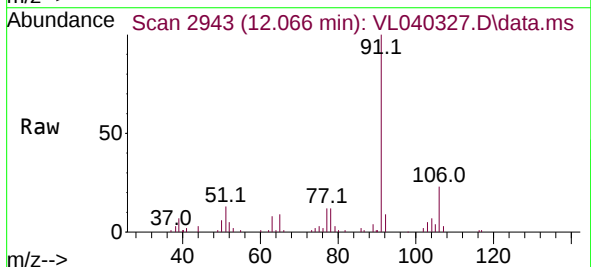
Manual Integrations
APPROVED

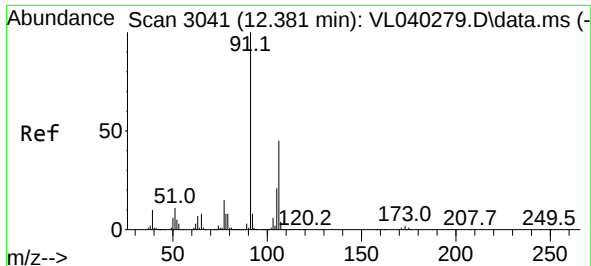
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#58
Ethyl Benzene
Concen: 0.404 ppbv m
RT: 12.066 min Scan# 2943
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Tgt Ion: 91 Resp: 95953
Ion Ratio Lower Upper
91 100
106 22.6 23.4 35.2#





#59

m/p-Xylene

Concen: 0.901 ppbv m

RT: 12.346 min Scan# 3041

Delta R.T. -0.035 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2023

Tgt Ion: 91 Resp: 19596

Ion Ratio Lower Upper

91 100

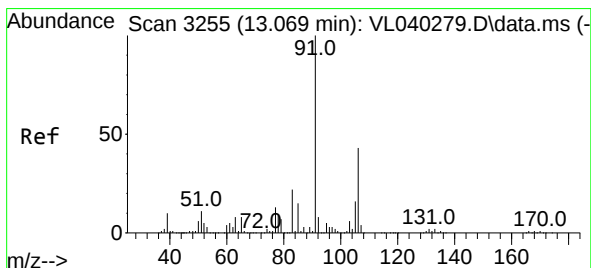
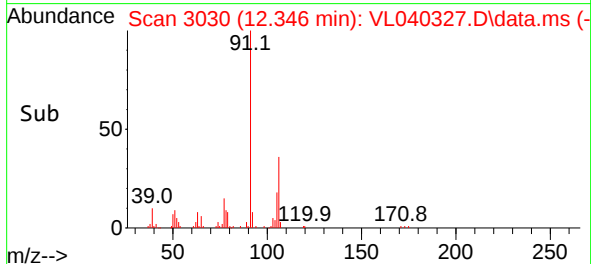
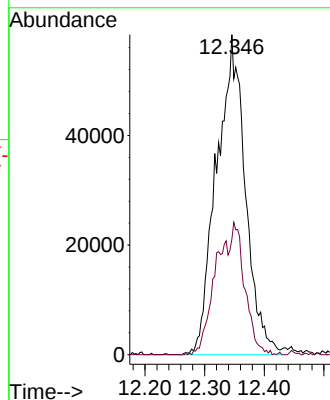
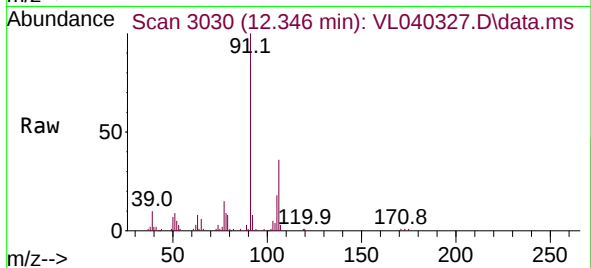
106 0.0 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023

Supervised By :Mahesh Dadoda 04/11/2023



#60

o-Xylene

Concen: 0.422 ppbv

RT: 13.040 min Scan# 3246

Delta R.T. -0.029 min

Lab File: VL040327.D

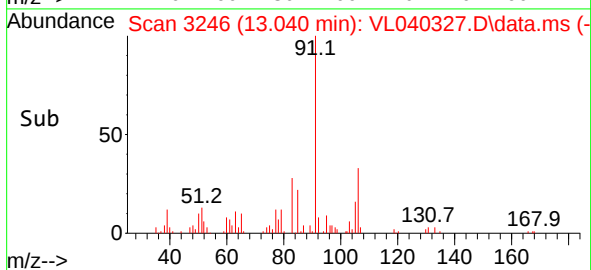
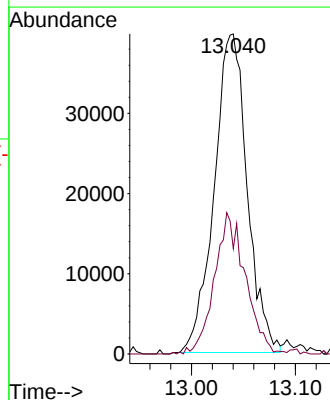
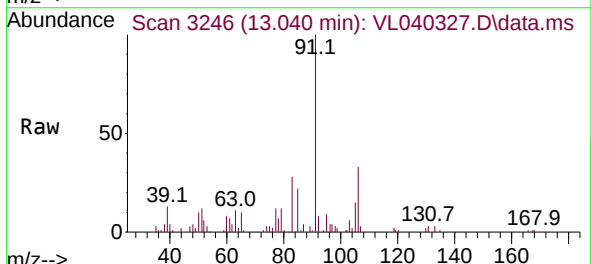
Acq: 10 Apr 2023 16:24

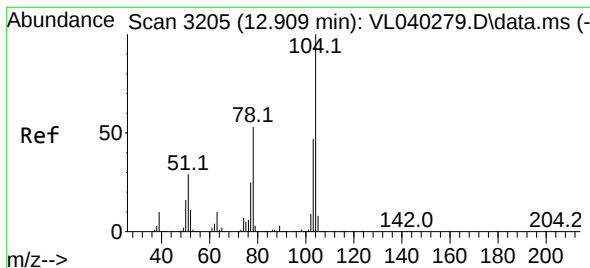
Tgt Ion: 91 Resp: 87870

Ion Ratio Lower Upper

91 100

106 41.2 21.7 65.1





#61

Styrene

Concen: 0.310 ppbv m

RT: 12.880 min Scan# 3196

Delta R.T. -0.029 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

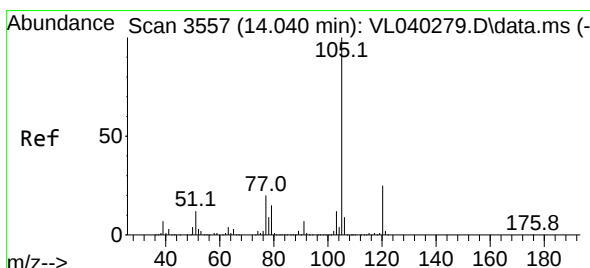
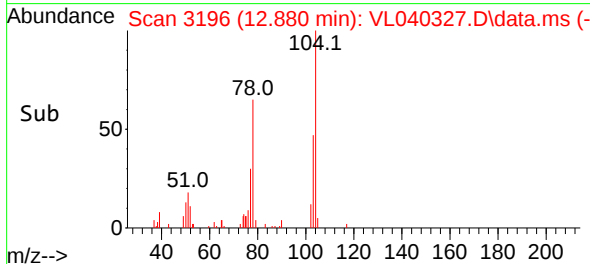
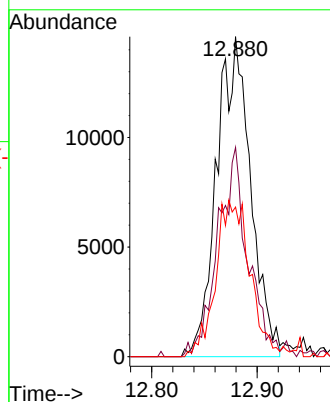
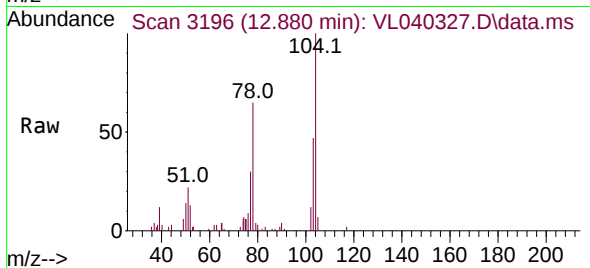
LOQ-AIR-02-QT2-2023

Tgt Ion:104	Resp:	32674
Ion Ratio	Lower	Upper
104	100	
78	0.0	43.7 65.5
103	49.6	37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#62

Isopropylbenzene

Concen: 0.461 ppbv

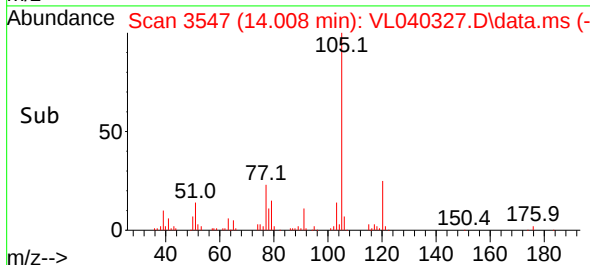
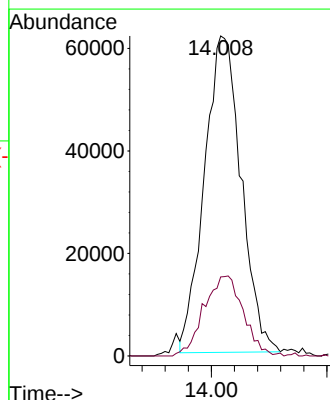
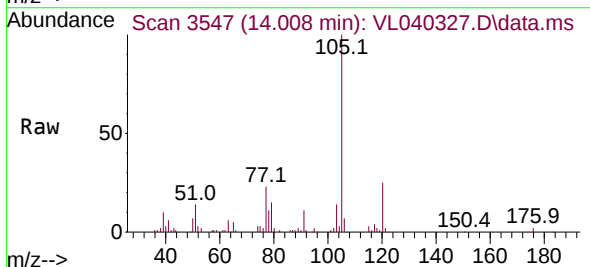
RT: 14.008 min Scan# 3547

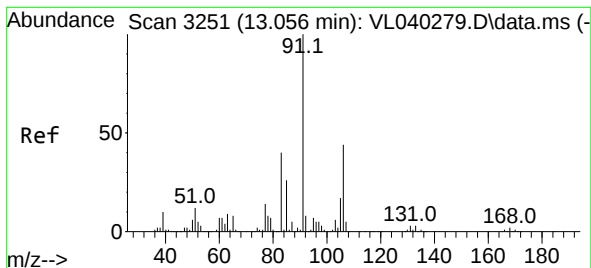
Delta R.T. -0.032 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Tgt Ion:105	Resp:	136496
Ion Ratio	Lower	Upper
105	100	
120	27.1	19.9 29.9





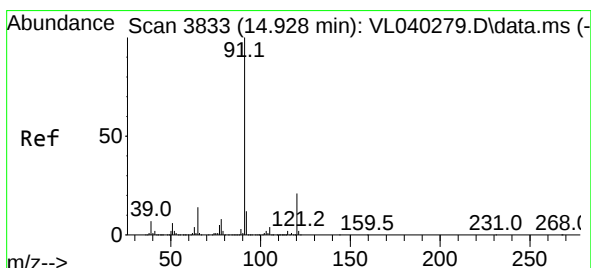
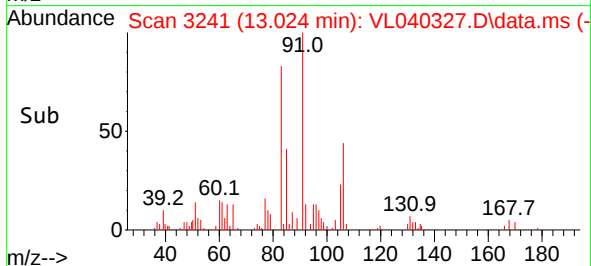
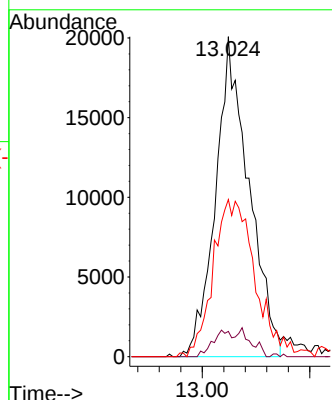
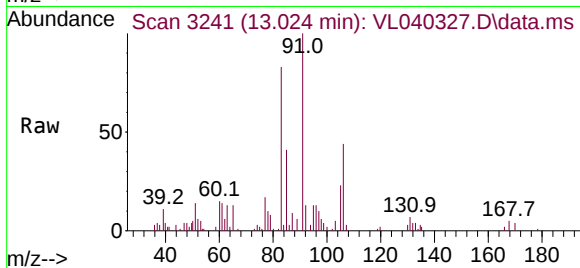
#63
1,1,2,2-Tetrachloroethane
Concen: 0.589 ppbv
RT: 13.024 min Scan# 311
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion: 83 Resp: 4311
Ion Ratio Lower Upper
83 100
131 8.9 4.3 12.9
85 62.1 32.7 98.1

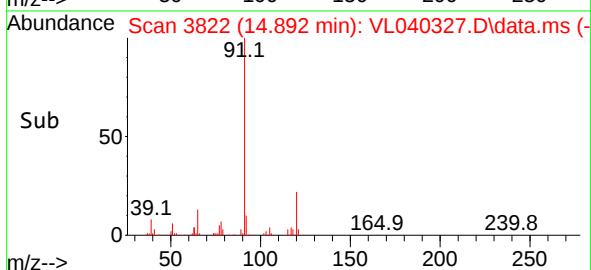
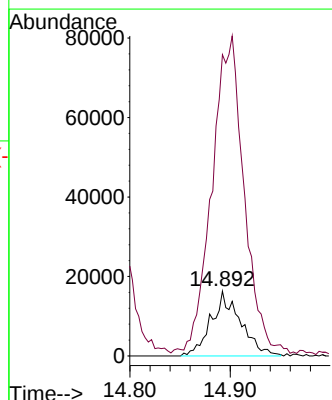
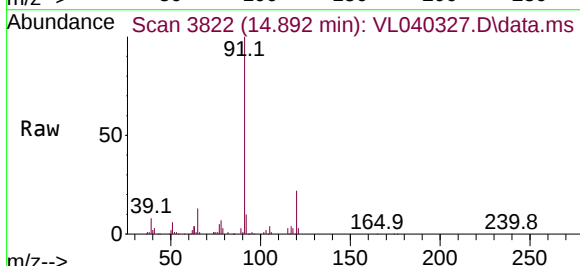
Manual Integrations
APPROVED

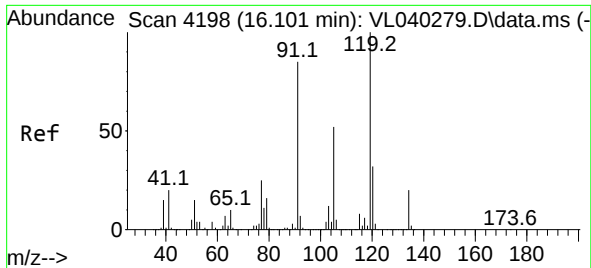
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#64
n-propylbenzene
Concen: 0.458 ppbv m
RT: 14.892 min Scan# 3822
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

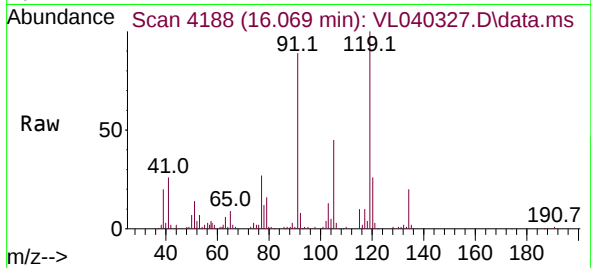
Tgt Ion:120 Resp: 33197
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6#





#65
tert-Butylbenzene
Concen: 0.462 ppbv m
RT: 16.069 min Scan# 4198
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

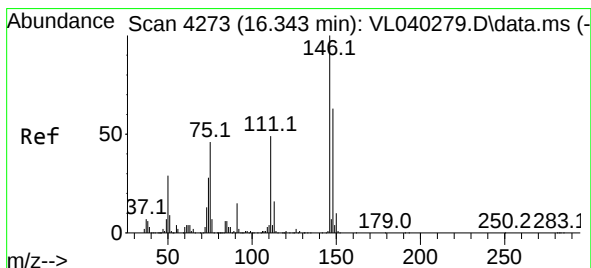
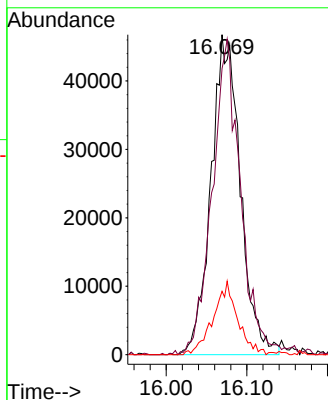
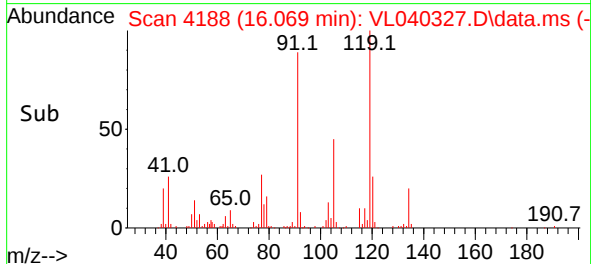
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



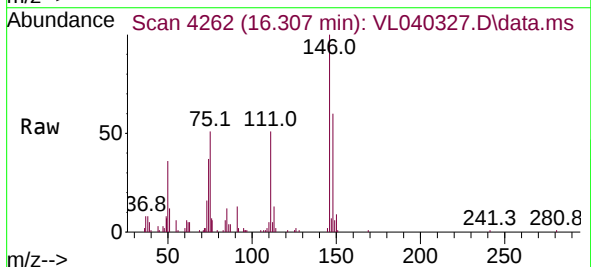
Tgt Ion: 119 Resp: 11792
Ion Ratio Lower Upper
119 100
91 0.0 69.4 104.2
134 0.0 15.8 23.6

Manual Integrations
APPROVED

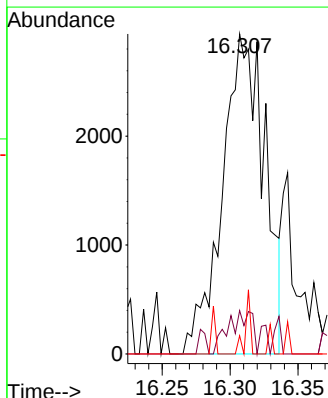
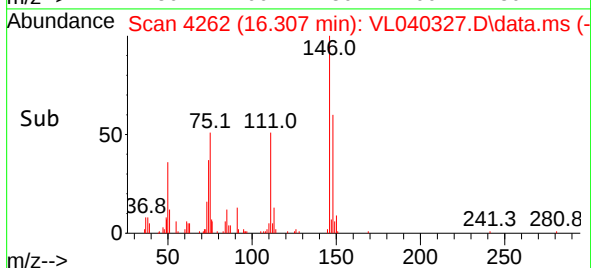
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

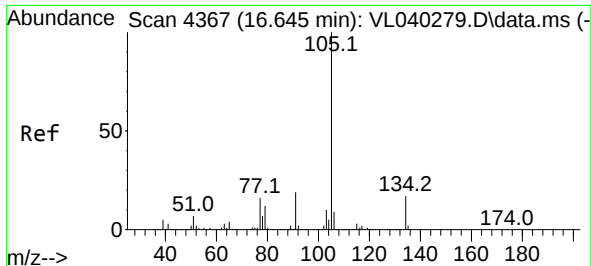


#66
Benzyl Chloride
Concen: 0.383 ppbv m
RT: 16.307 min Scan# 4262
Delta R.T. -0.036 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



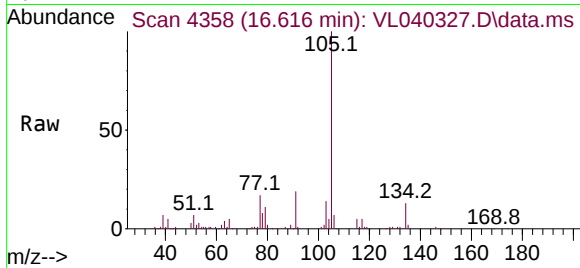
Tgt Ion: 91 Resp: 6351
Ion Ratio Lower Upper
91 100
126 12.2 12.1 18.1
128 0.0 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 0.477 ppbv
 RT: 16.616 min Scan# 41
 Delta R.T. -0.029 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

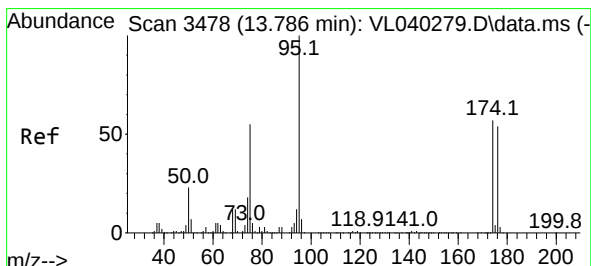
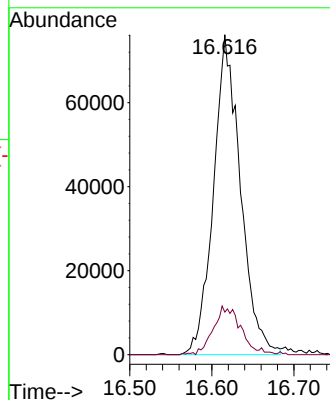
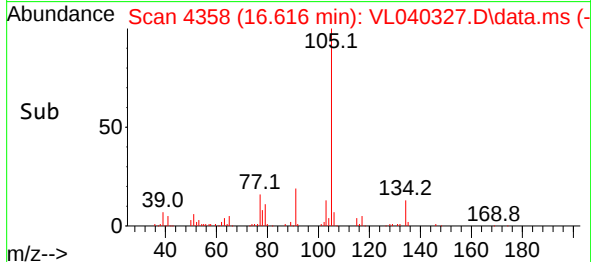
Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023



Tgt Ion:105 Resp: 174058
 Ion Ratio Lower Upper
 105 100
 134 15.7 14.0 21.0

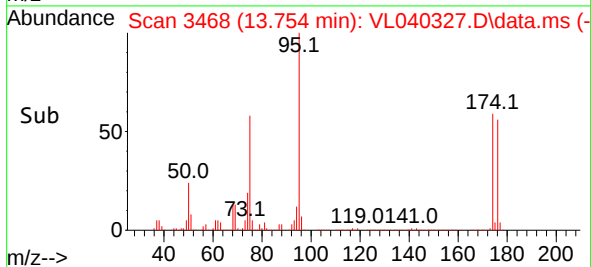
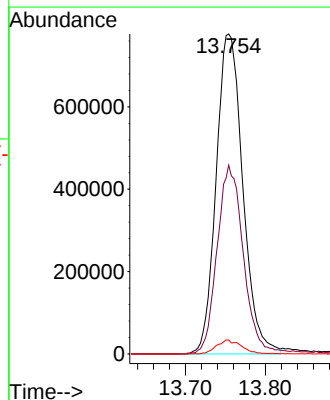
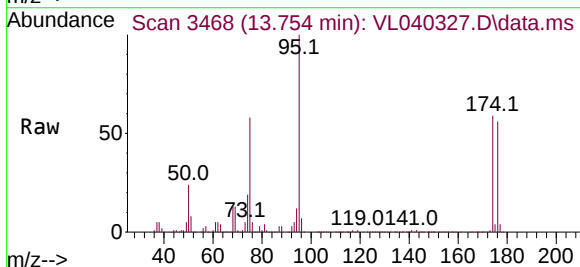
Manual Integrations
 APPROVED

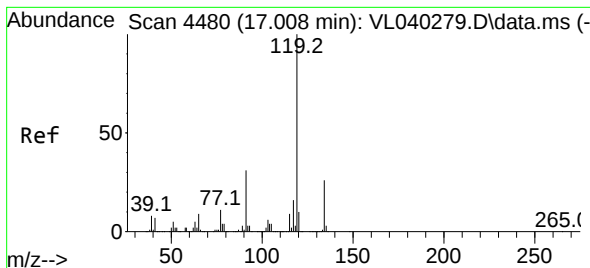
Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.295 ppbv
 RT: 13.754 min Scan# 3468
 Delta R.T. -0.032 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

Tgt Ion: 95 Resp: 1798447
 Ion Ratio Lower Upper
 95 100
 174 58.9 47.0 70.6
 175 4.2 3.4 5.2





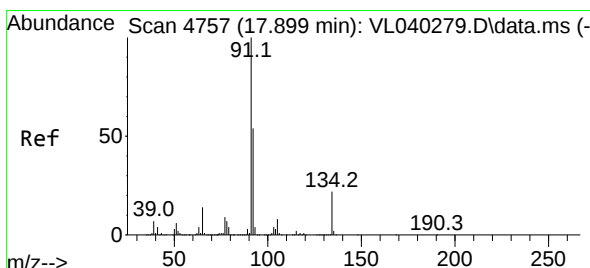
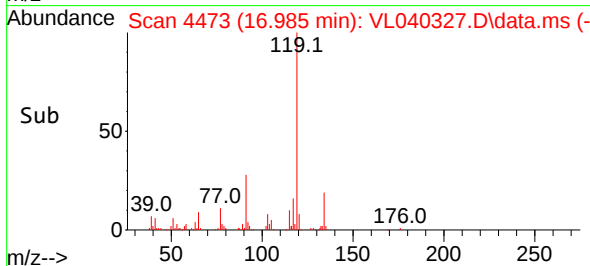
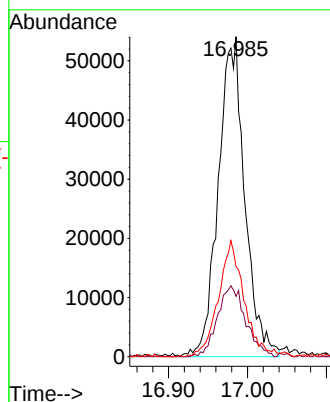
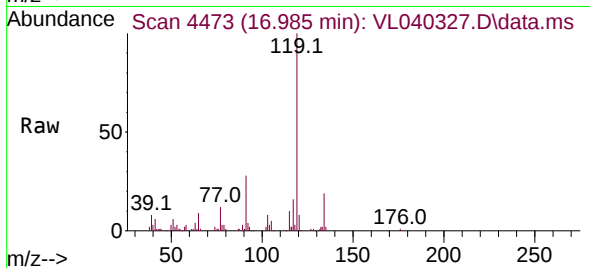
#69
p-Isopropyltoluene
Concen: 0.442 ppbv m
RT: 16.985 min Scan# 4480
Delta R.T. -0.023 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023

Tgt Ion:119 Resp: 125792
Ion Ratio Lower Upper
119 100
134 24.0 20.2 30.2
91 35.7 25.1 37.7

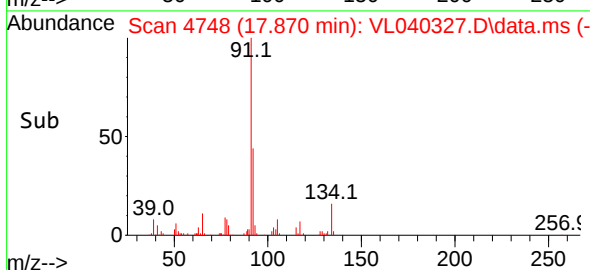
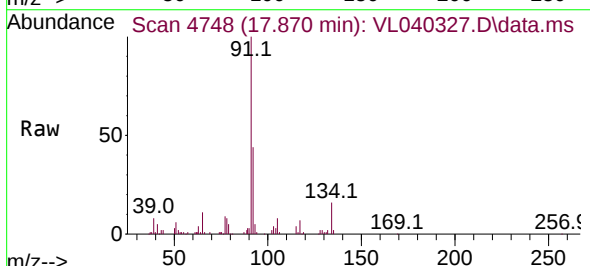
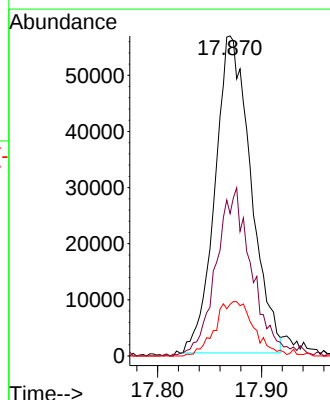
Manual Integrations
APPROVED

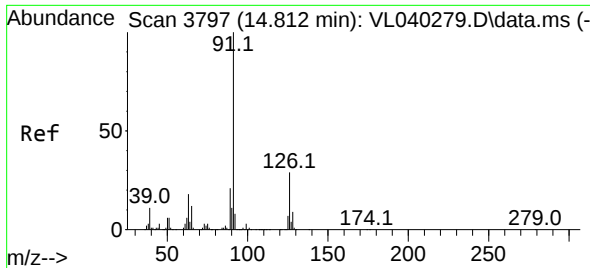
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#70
n-Butylbenzene
Concen: 0.433 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

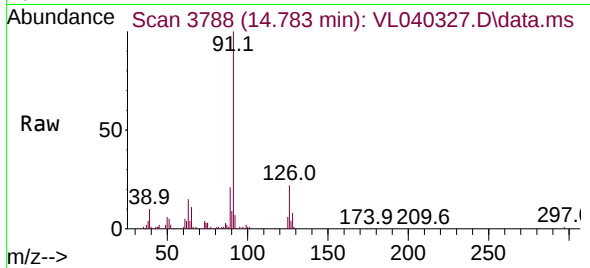
Tgt Ion: 91 Resp: 135648
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 19.0 16.8 25.2





#71
2-Chlorotoluene
Concen: 0.426 ppbv
RT: 14.783 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

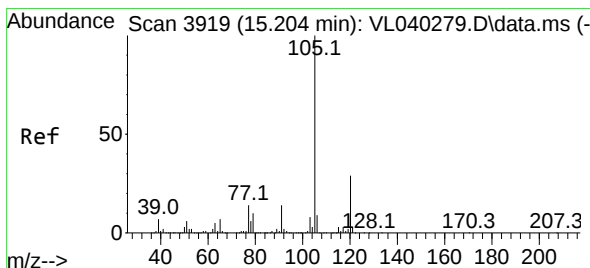
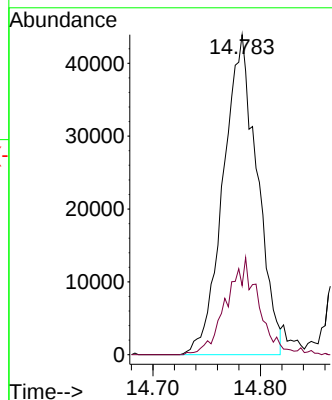
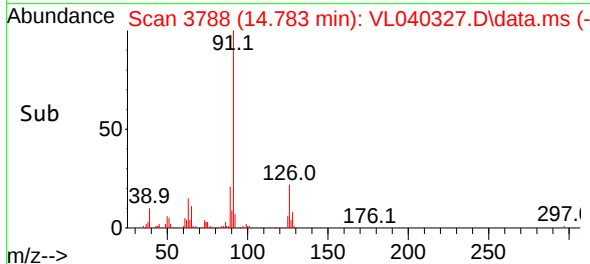
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



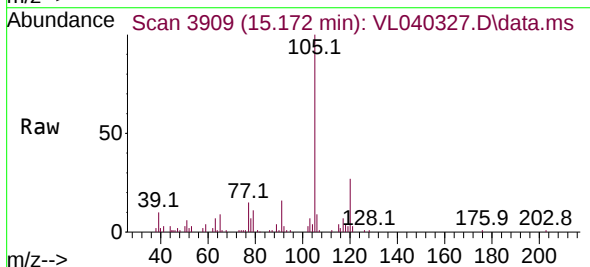
Tgt Ion: 91 Resp: 96149
Ion Ratio Lower Upper
91 100
126 29.5 11.8 47.4

Manual Integrations
APPROVED

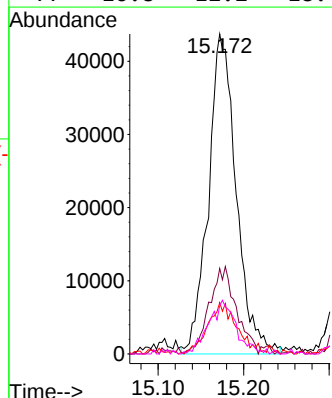
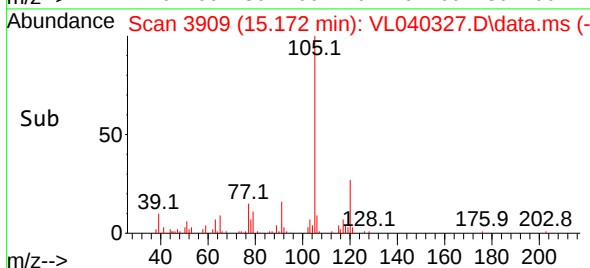
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

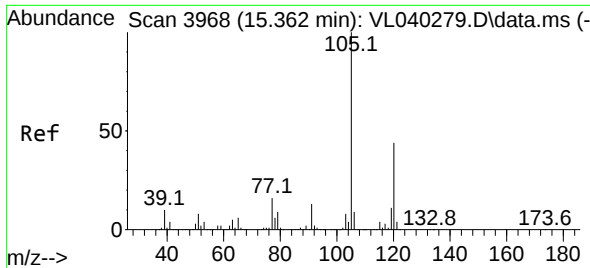


#72
4-Ethyltoluene
Concen: 0.435 ppbv m
RT: 15.172 min Scan# 3909
Delta R.T. -0.032 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



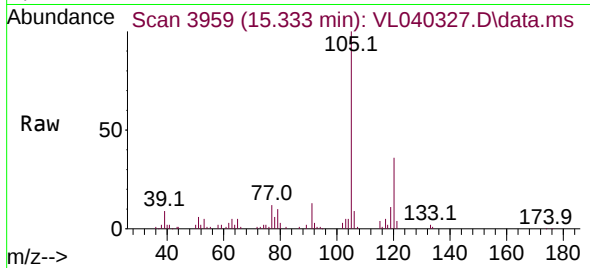
Tgt Ion:105 Resp: 98900
Ion Ratio Lower Upper
105 100
120 28.1 23.7 35.5
91 17.4 11.6 17.4
77 16.8 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 0.459 ppbv
RT: 15.333 min Scan# 3968
Delta R.T. -0.029 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

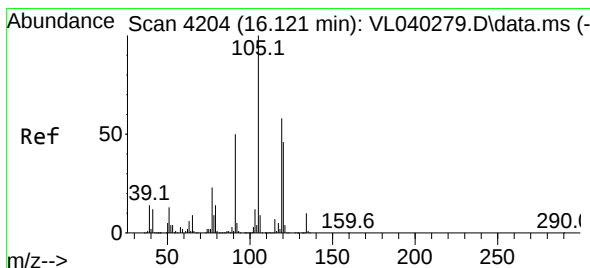
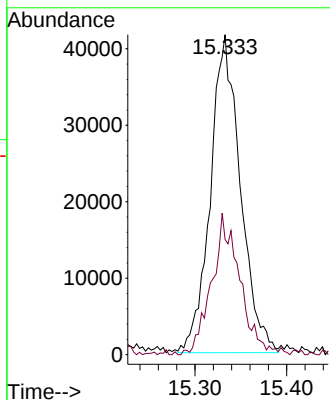
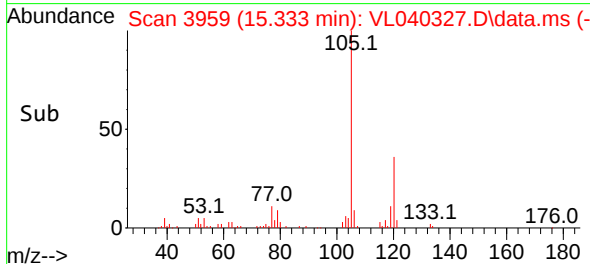
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



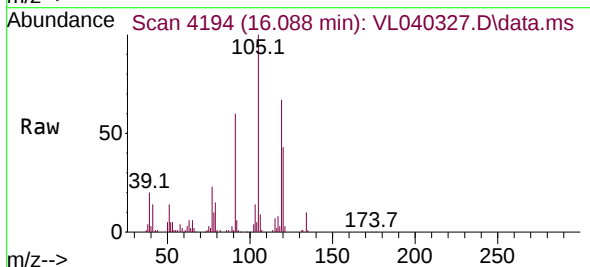
Tgt Ion:105 Resp: 94630
Ion Ratio Lower Upper
105 100
120 36.4 34.9 52.3

Manual Integrations
APPROVED

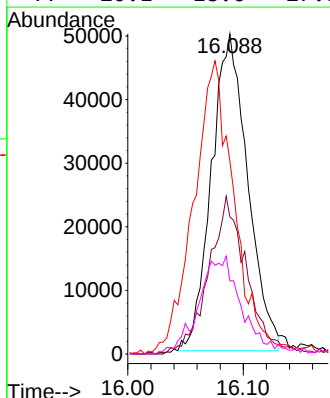
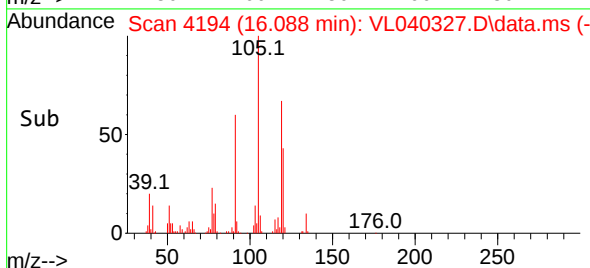
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

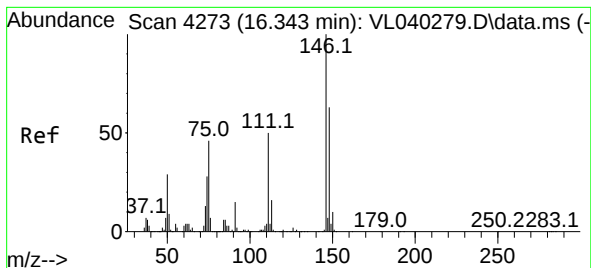


#74
1,2,4-Trimethylbenzene
Concen: 0.464 ppbv
RT: 16.088 min Scan# 4194
Delta R.T. -0.033 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



Tgt Ion:105 Resp: 108944
Ion Ratio Lower Upper
105 100
120 40.7 36.6 54.8
91 57.9 39.9 59.9
77 20.1 18.6 27.8





#75

1,3-Dichlorobenzene

Concen: 0.512 ppbv m

RT: 16.304 min Scan# 4309

Delta R.T. -0.039 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

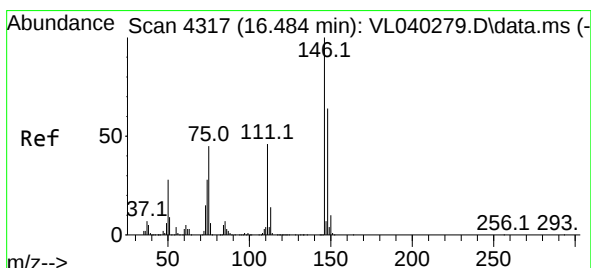
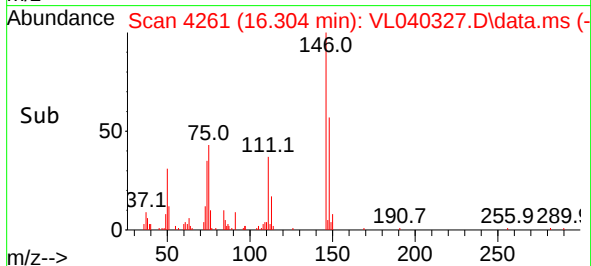
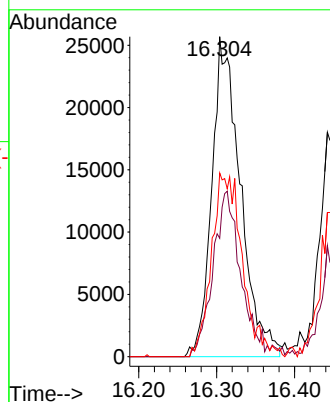
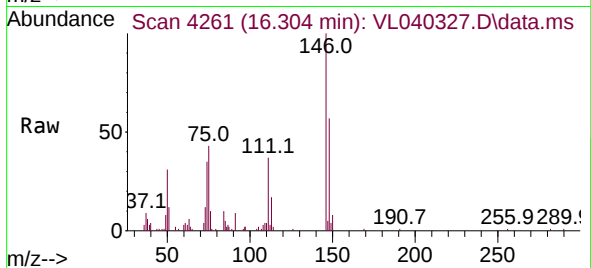
LOQ-AIR-02-QT2-2023

Tgt Ion:146	Resp:	65170
Ion Ratio	Lower	Upper
146	100	
111	0.0	24.3
148	61.9	31.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#76

1,4-Dichlorobenzene

Concen: 0.461 ppbv

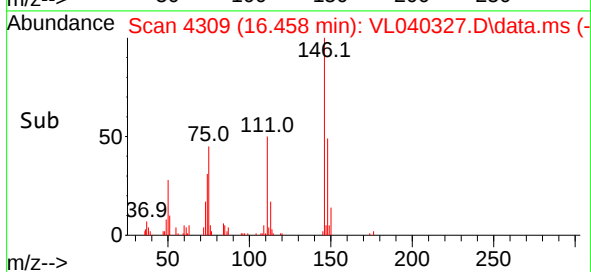
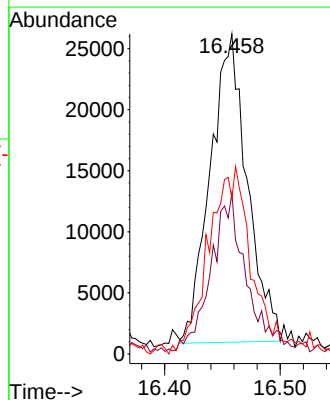
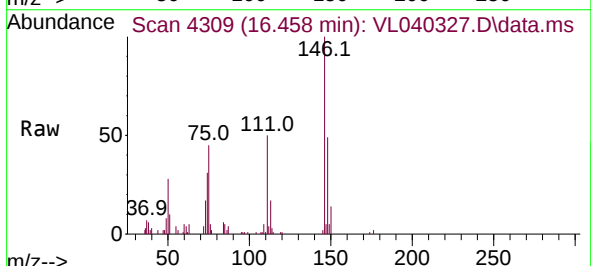
RT: 16.458 min Scan# 4309

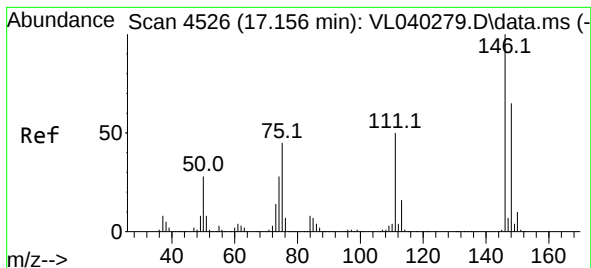
Delta R.T. -0.026 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Tgt Ion:146	Resp:	55961
Ion Ratio	Lower	Upper
146	100	
111	52.0	23.8
148	74.7	32.5





#77

1,2-Dichlorobenzene

Concen: 0.507 ppbv m

RT: 17.130 min Scan# 4

Delta R.T. -0.026 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

Instrument :

MSVOA_L

ClientSampleId :

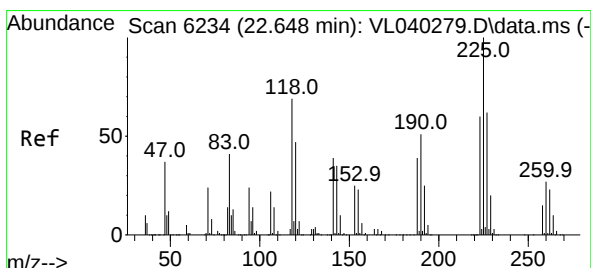
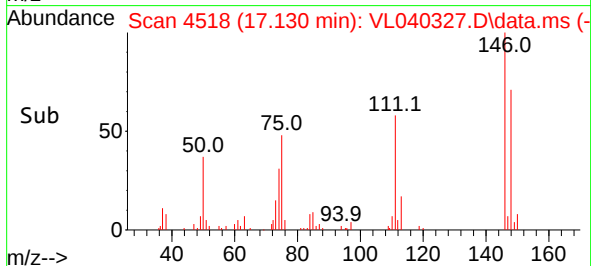
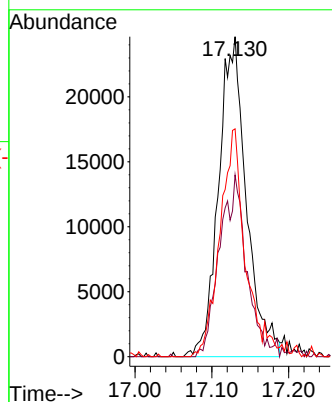
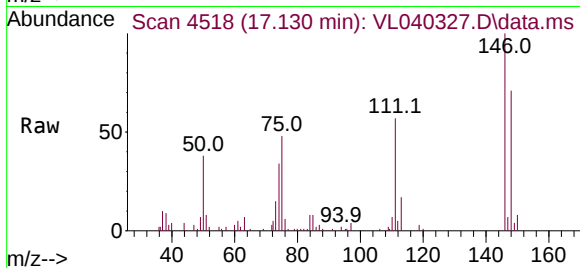
LOQ-AIR-02-QT2-2023

Tgt Ion:146	Resp:	6194
Ion Ratio	Lower	Upper
146	100	
111	0.0	25.2
148	0.0	32.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023



#78

Hexachloro-1,3-Butadiene

Concen: 0.610 ppbv m

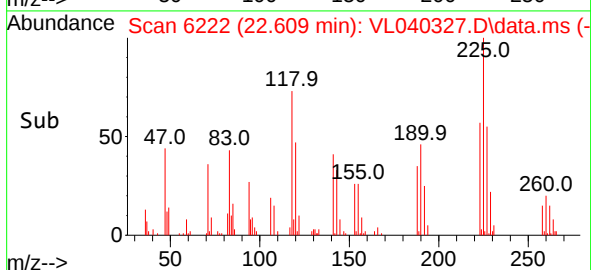
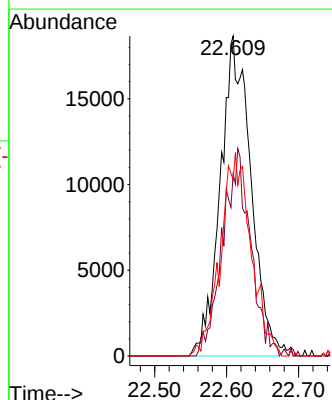
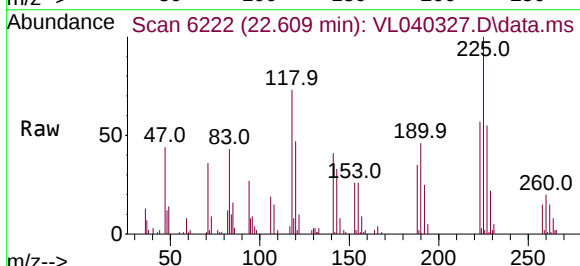
RT: 22.609 min Scan# 6222

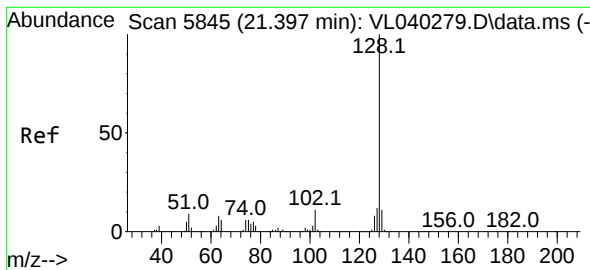
Delta R.T. -0.039 min

Lab File: VL040327.D

Acq: 10 Apr 2023 16:24

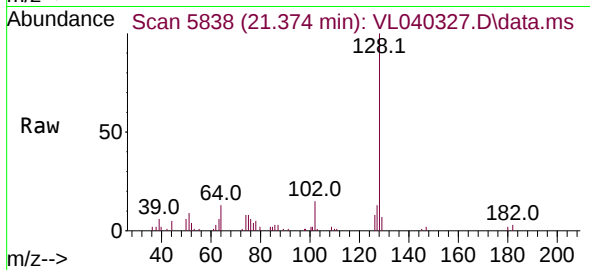
Tgt Ion:225	Resp:	54714
Ion Ratio	Lower	Upper
225	100	
223	60.1	51.0
227	63.4	51.4





#79
Naphthalene
Concen: 0.377 ppbv m
RT: 21.374 min Scan# 5838
Delta R.T. -0.023 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24

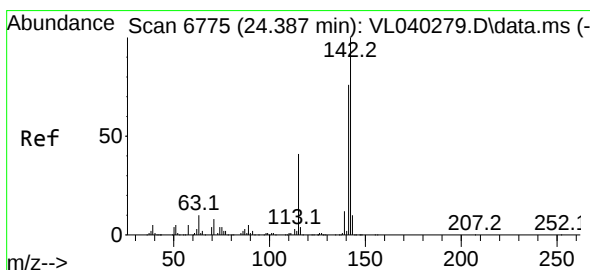
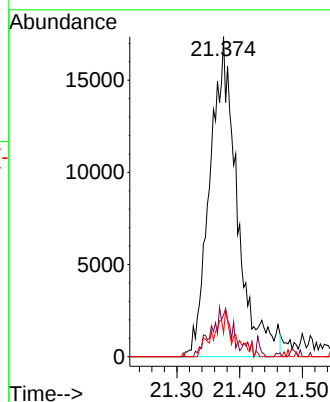
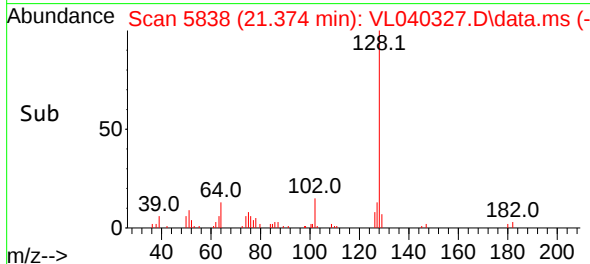
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2023



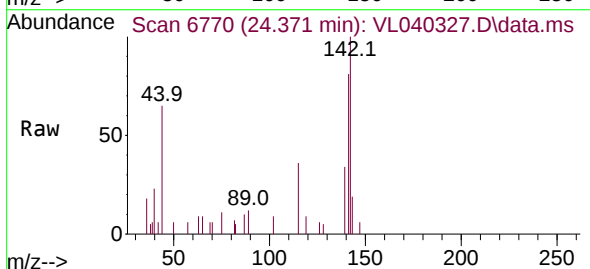
Tgt Ion:128 Resp: 52408
Ion Ratio Lower Upper
128 100
127 13.1 9.6 14.4
129 7.4 8.6 13.0

Manual Integrations
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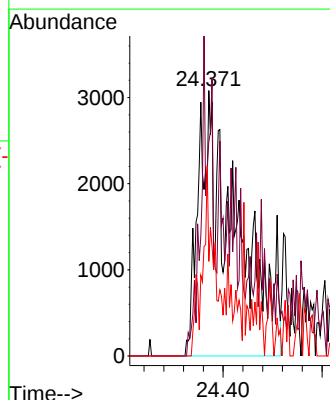
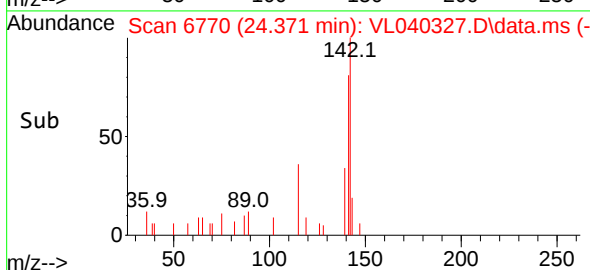
Reviewed By :Semsettin Yesilyurt 04/11/2023
Supervised By :Mahesh Dadoda 04/11/2023

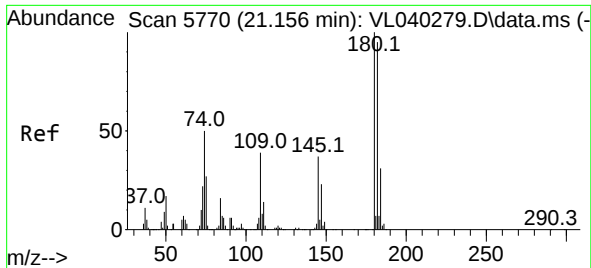


#80
Naphthalene,2-methyl-
Concen: 0.453 ppbv m
RT: 24.371 min Scan# 6770
Delta R.T. -0.016 min
Lab File: VL040327.D
Acq: 10 Apr 2023 16:24



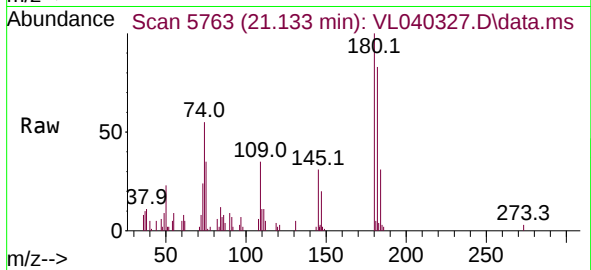
Tgt Ion:142 Resp: 15934
Ion Ratio Lower Upper
142 100
141 42.6 65.5 98.3#
115 22.8 33.5 50.3#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.433 ppbv m
 RT: 21.133 min Scan# 51
 Delta R.T. -0.023 min
 Lab File: VL040327.D
 Acq: 10 Apr 2023 16:24

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2023



Tgt Ion:180 Resp: 37102
 Ion Ratio Lower Upper
 180 100
 182 93.9 76.1 114.1
 184 28.2 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/11/2023
 Supervised By :Mahesh Dadoda 04/11/2023

