

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041223\
 Data File : VL040350.D
 Acq On : 13 Apr 2023 00:02
 Operator : SY/MD
 Sample : 02213-15 0.1 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Quant Time: Apr 13 08:05:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Tue Apr 11 04:15:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.192	49	955792	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2336254	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2125659	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1741099	9.781	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	20268	0.108	ppbv #	88
3) Chlorodifluoromethane	2.668	51	12669	0.105	ppbv	97
4) Chloromethane	2.803	50	8061	0.109	ppbv #	86
5) Vinyl Chloride	2.912	62	5986	0.100	ppbv	94
6) Bromomethane	3.111	94	1937	0.093	ppbv	95
7) Chloroethane	3.185	64	2699m	0.117	ppbv	
8) Dichlorotetrafluoroethane	2.844	85	16978	0.106	ppbv	99
9) Propene	2.693	41	8139m	0.177	ppbv	
10) Heptane	7.584	43	5952m	0.054	ppbv	
11) Trichlorofluoromethane	3.558	101	18309m	0.108	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.060	101	13961m	0.109	ppbv	
13) Ethanol	3.250	45	619m	0.183	ppbv	
14) Bromoethene	3.359	108	4635	0.097	ppbv #	85
15) Acetone	3.488	43	20551	0.177	ppbv #	66
16) 1,3-Butadiene	2.980	39	6541m	0.124	ppbv	
17) tert-Butyl alcohol	3.899	59	11178m	0.101	ppbv	
18) 1,1-Dichloroethene	3.870	96	5601m	0.102	ppbv	
19) Isopropyl Alcohol	3.597	45	6181m	0.111	ppbv	
20) Methylene Chloride	3.931	84	13160	0.269	ppbv	87
21) Allyl Chloride	3.992	41	6350m	0.084	ppbv	
22) trans-1,2-Dichloroethene	4.436	96	5651m	0.101	ppbv	
23) Vinyl Acetate	4.639	43	4988m	0.154	ppbv	
24) 1,1-Dichloroethane	4.561	63	10213	0.088	ppbv	99
25) Ethyl Acetate	5.224	43	17953m	0.082	ppbv	
26) Hexane	5.214	57	7525m	0.084	ppbv	
27) Carbon Disulfide	4.121	76	8627m	0.069	ppbv	
28) Methyl tert-Butyl Ether	4.603	73	9583m	0.093	ppbv	
29) Chloroform	5.269	83	16273	0.103	ppbv	88
30) Cyclohexane	6.603	84	4020m	0.057	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	7452m	0.086	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	14610m	0.097	ppbv	
34) 2-Butanone	4.809	43	13517m	0.117	ppbv	
35) Carbon Tetrachloride	6.494	117	14267m	0.097	ppbv	
36) Benzene	6.372	78	14755	0.083	ppbv	94
37) 1,2-Dichloroethane	5.809	62	11517m	0.099	ppbv	
38) Trichloroethene	7.294	130	8493m	0.087	ppbv	
39) 1,2-Dichloropropane	7.076	63	7506m	0.107	ppbv	
40) 1,4-Dioxane	7.343	88	2343m	0.085	ppbv	
41) Tetrahydrofuran	5.600	42	4038m	0.061	ppbv	
42) Bromodichloromethane	7.253	83	14156m	0.089	ppbv	
43) Methyl Methacrylate	7.487	69	4154m	0.063	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	18838m	0.063	ppbv	
45) t-1,3-Dichloropropene	8.716	75	3293m	0.057	ppbv	

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Instrument :
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 MDL-AIR-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023

Quant Time: Apr 13 08:05:59 2023

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

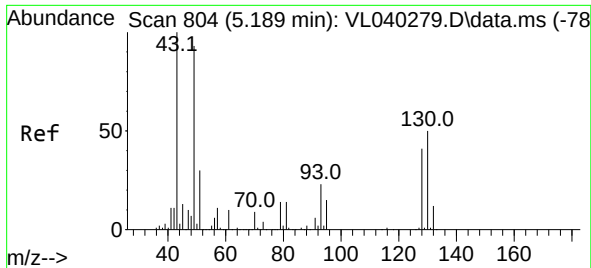
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Apr 11 04:15:53 2023

Response via : Initial Calibration

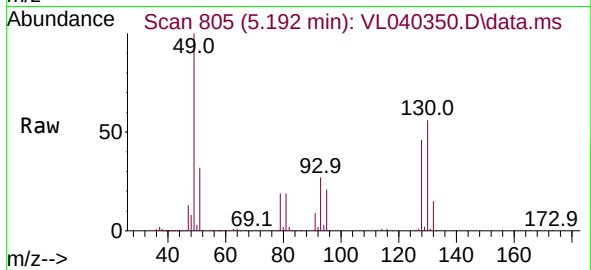
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	4980m	0.061	ppbv	
47) 1,1,2-Trichloroethane	8.909	97	7522m	0.101	ppbv	
48) Dibromochloromethane	9.709	129	8901m	0.073	ppbv	
49) Bromoform	12.416	173	5532m	0.060	ppbv	
50) 4-Methyl-2-Pentanone	8.217	43	11235m	0.063	ppbv	
51) 2-Hexanone	9.590	43	8272m	0.060	ppbv	
52) Tetrachloroethene	10.629	164	4938m	0.092	ppbv	
53) Toluene	9.230	91	10828m	0.058	ppbv	
54) 1,2-Dibromoethane	10.015	107	6215m	0.081	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.519	131	8555m	0.096	ppbv	
57) Chlorobenzene	11.539	112	15507m	0.103	ppbv	
58) Ethyl Benzene	12.101	91	13770m	0.057	ppbv	
59) m/p-Xylene	12.355	91	20898m	0.094	ppbv	
60) o-Xylene	13.066	91	9914m	0.047	ppbv	
61) Styrene	12.921	104	4678m	0.043	ppbv	
62) Isopropylbenzene	14.043	105	19789m	0.066	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.076	83	7587m	0.102	ppbv	
64) n-propylbenzene	14.947	120	3682m	0.050	ppbv	
65) tert-Butylbenzene	16.111	119	13027m	0.050	ppbv	
66) Benzyl Chloride	16.362	91	860m	0.051	ppbv	
67) sec-Butylbenzene	16.648	105	19582m	0.053	ppbv	
69) p-Isopropyltoluene	17.024	119	13666m	0.047	ppbv	
70) n-Butylbenzene	17.908	91	16052m	0.050	ppbv	
71) 2-Chlorotoluene	14.818	91	13493m	0.059	ppbv	
72) 4-Ethyltoluene	15.207	105	12040m	0.052	ppbv	
73) 1,3,5-Trimethylbenzene	15.371	105	9959m	0.047	ppbv	
74) 1,2,4-Trimethylbenzene	16.120	105	11239m	0.047	ppbv	
75) 1,3-Dichlorobenzene	16.358	146	8584m	0.066	ppbv	
76) 1,4-Dichlorobenzene	16.484	146	9431m	0.076	ppbv	
77) 1,2-Dichlorobenzene	17.169	146	7875m	0.063	ppbv	
78) Hexachloro-1,3-Butadiene	22.654	225	8916m	0.098	ppbv	
79) Naphthalene	21.419	128	6104m	0.043	ppbv	
81) 1,2,4-Trichlorobenzene	21.156	180	4696m	0.054	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

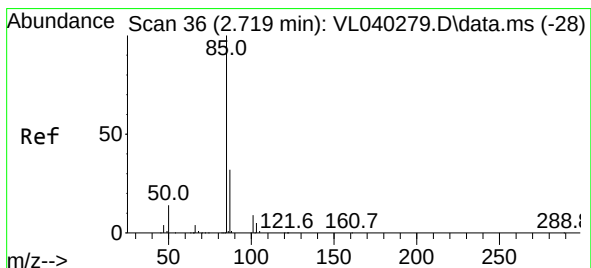
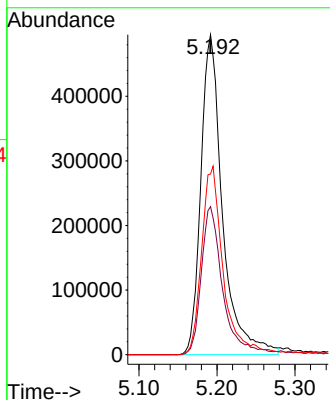
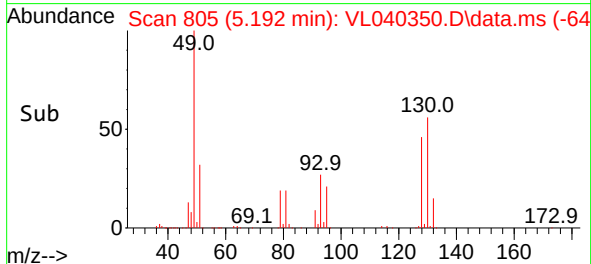
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



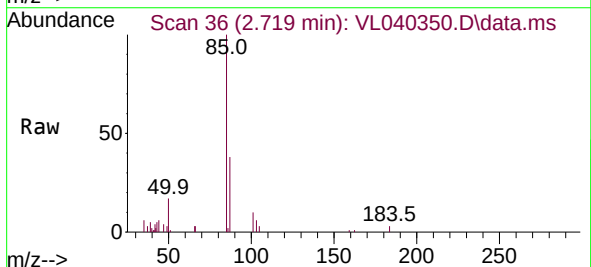
Tgt Ion: 49 Resp: 955792
Ion Ratio Lower Upper
49 100
128 46.3 22.4 67.3
130 60.7 28.7 86.1

Manual Integrations
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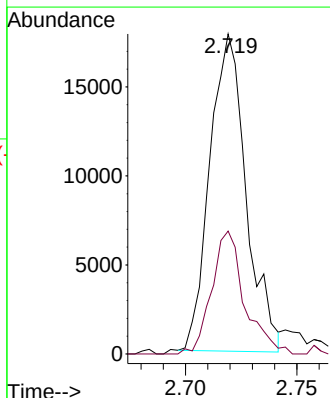
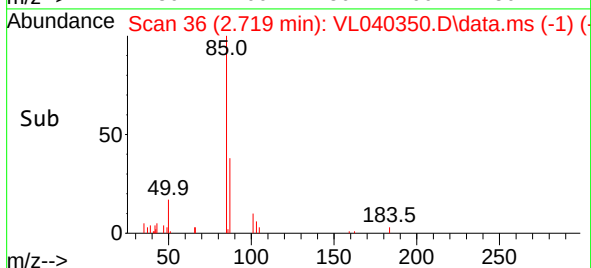
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

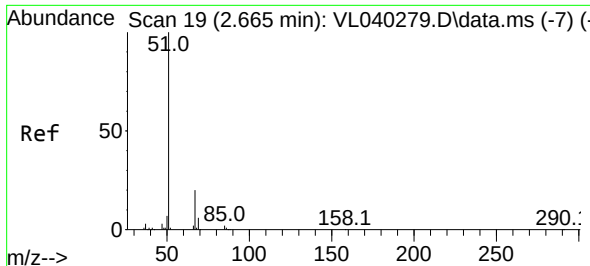


#2
Dichlorodifluoromethane
Concen: 0.108 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



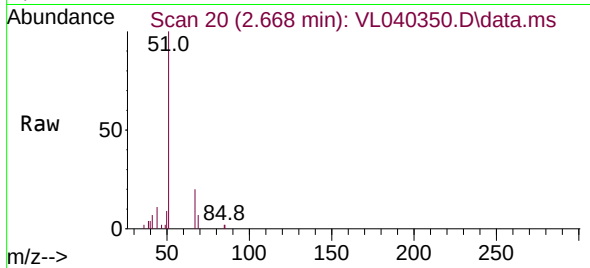
Tgt Ion: 85 Resp: 20268
Ion Ratio Lower Upper
85 100
87 38.8 25.5 38.3





#3
Chlorodifluoromethane
Concen: 0.105 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

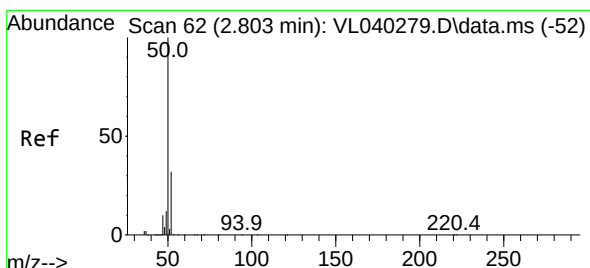
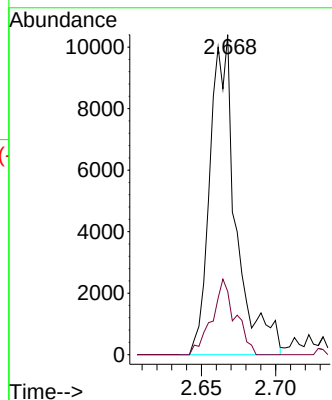
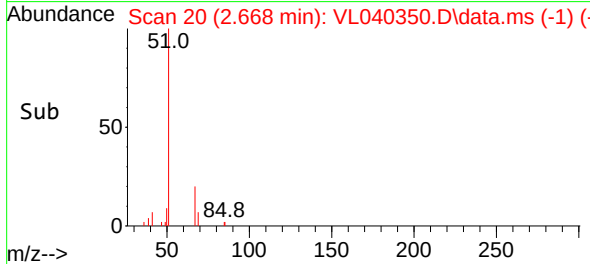
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 51 Resp: 12669
Ion Ratio Lower Upper
51 100
67 21.3 16.0 24.0

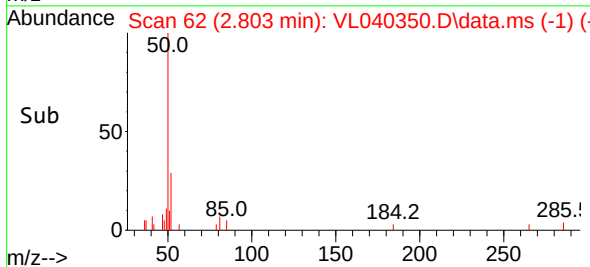
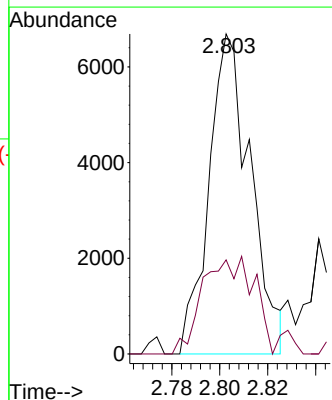
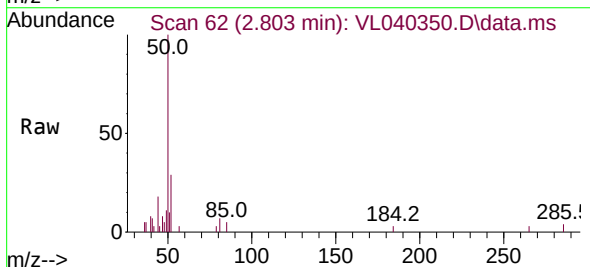
Manual Integrations
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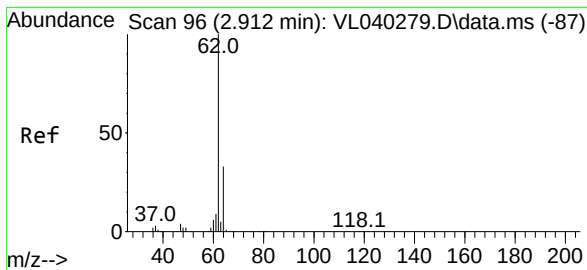
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#4
Chloromethane
Concen: 0.109 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

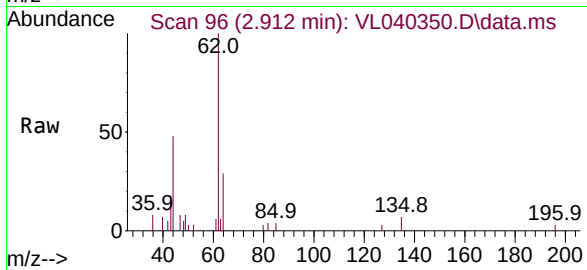
Tgt Ion: 50 Resp: 8061
Ion Ratio Lower Upper
50 100
52 24.5 25.9 38.9#





#5
 Vinyl Chloride
 Concen: 0.100 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

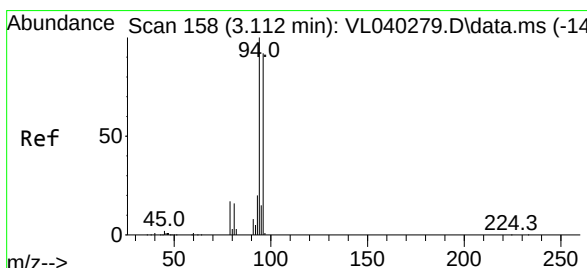
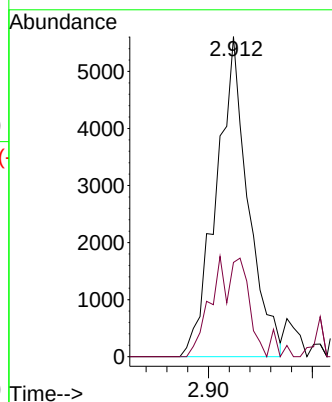
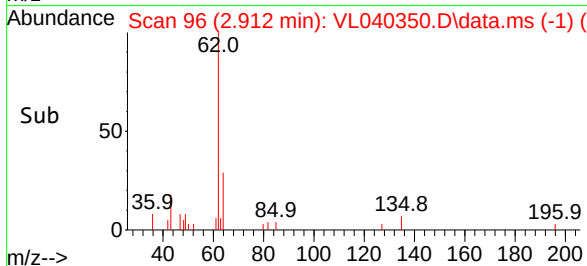
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 62 Resp: 5980
 Ion Ratio Lower Upper
 62 100
 64 29.5 26.4 39.6

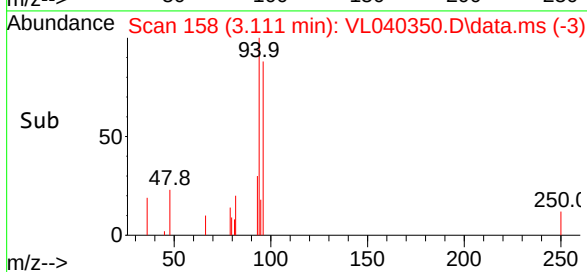
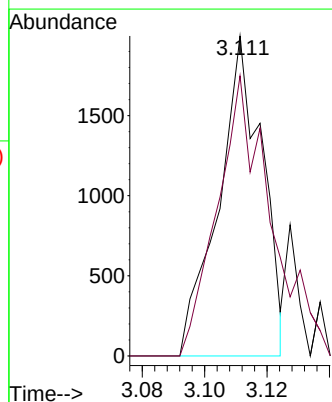
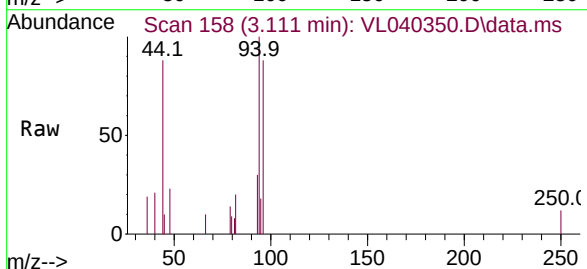
Manual Integrations
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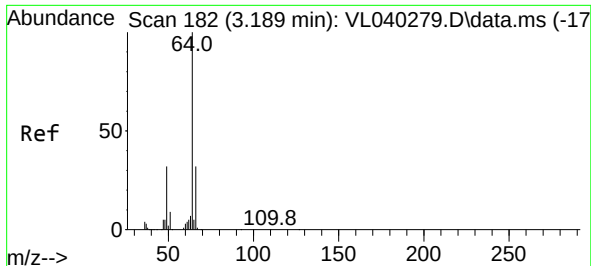
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#6
 Bromomethane
 Concen: 0.093 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.001 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

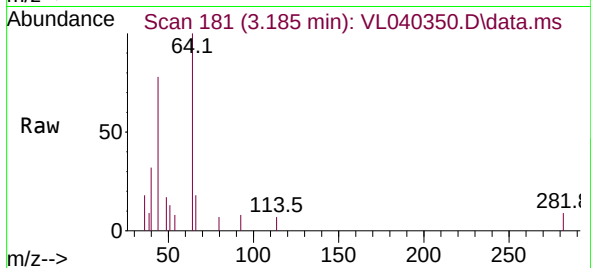
Tgt Ion: 94 Resp: 1937
 Ion Ratio Lower Upper
 94 100
 96 87.5 73.7 110.5





#7
Chloroethane
Concen: 0.117 ppbv m
RT: 3.185 min Scan# 11
Delta R.T. -0.004 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

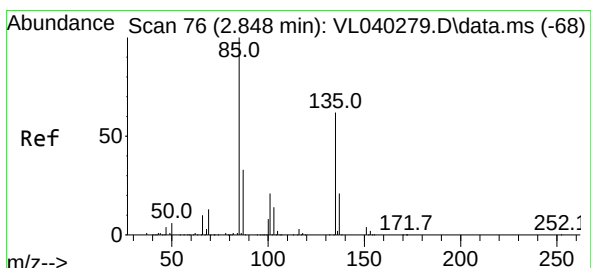
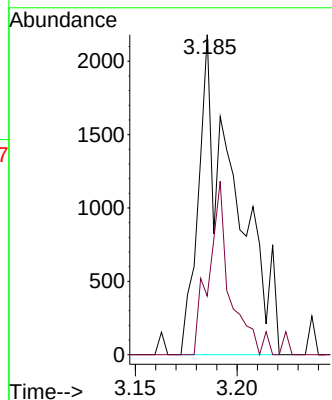
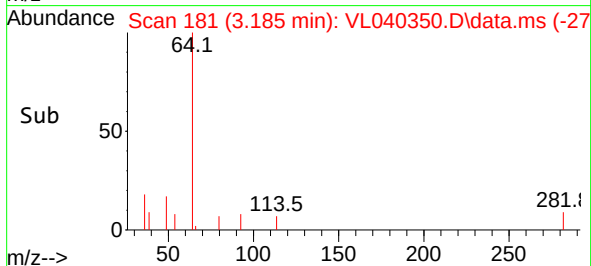
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 18.3 25.5 38.3

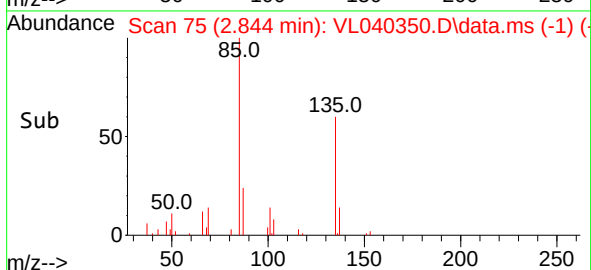
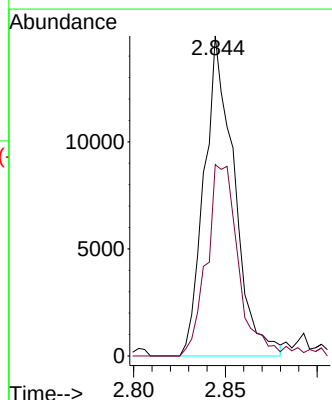
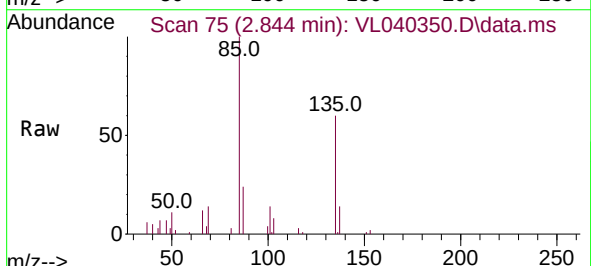
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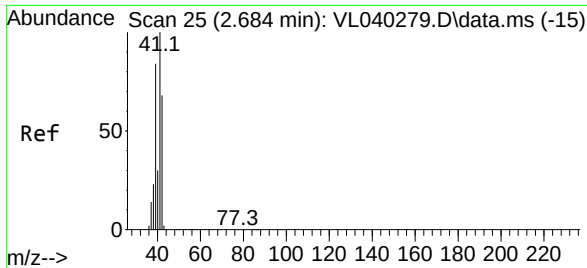
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#8
Dichlorotetrafluoroethane
Concen: 0.106 ppbv
RT: 2.844 min Scan# 75
Delta R.T. -0.004 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

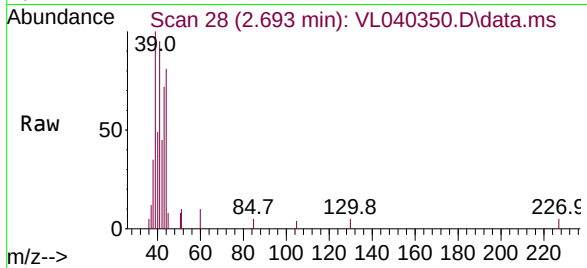
Tgt Ion: 85 Resp: 16978
Ion Ratio Lower Upper
85 100
135 65.6 52.0 78.0





#9
Propene
Concen: 0.177 ppbv m
RT: 2.693 min Scan# 21
Delta R.T. 0.009 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

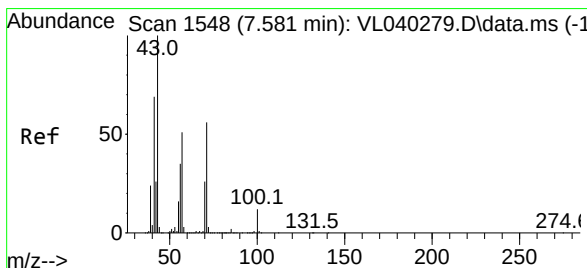
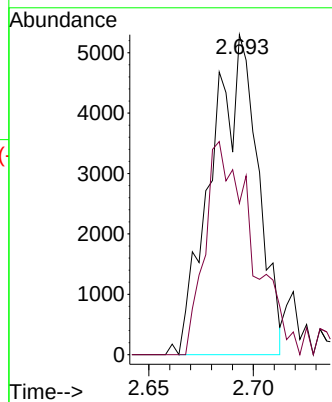
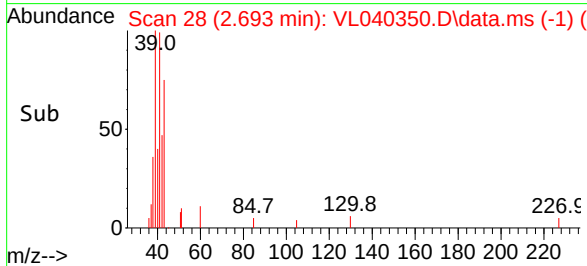
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 41 Resp: 8139
Ion Ratio Lower Upper
41 100
42 71.2 59.0 88.4

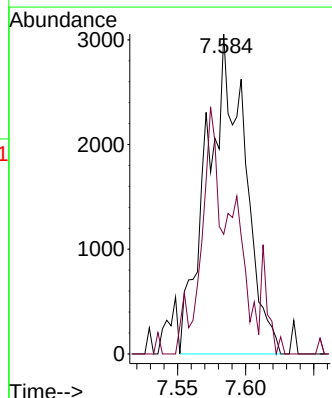
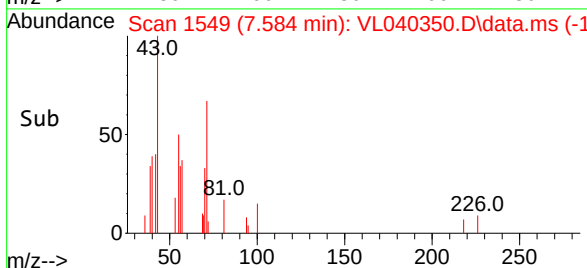
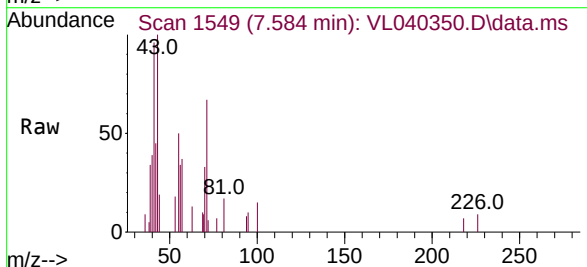
Manual Integrations
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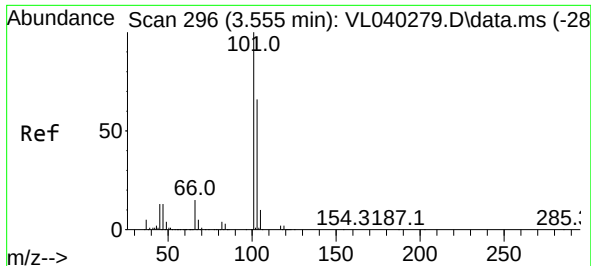
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#10
Heptane
Concen: 0.054 ppbv m
RT: 7.584 min Scan# 1549
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

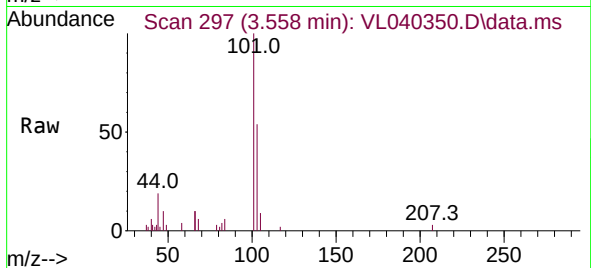
Tgt Ion: 43 Resp: 5952
Ion Ratio Lower Upper
43 100
57 0.0 41.7 62.5#





#11
Trichlorofluoromethane
Concen: 0.108 ppbv m
RT: 3.558 min Scan# 296
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

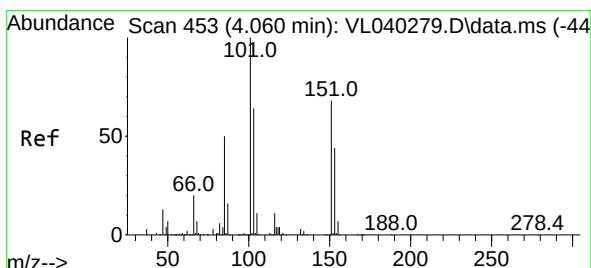
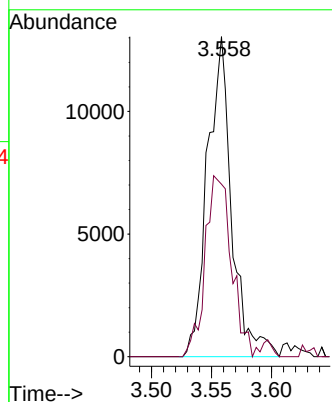
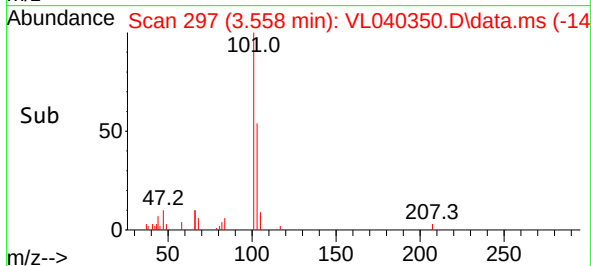
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



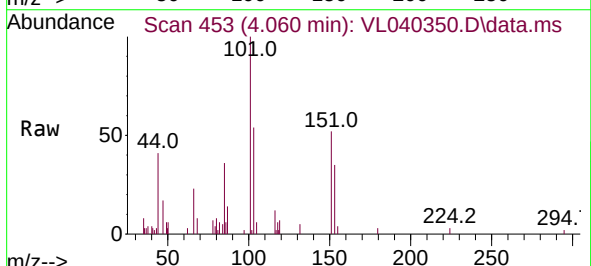
Tgt Ion:101 Resp: 18309
Ion Ratio Lower Upper
101 100
103 53.9 53.1 79.7

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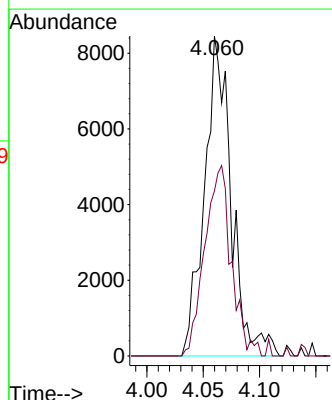
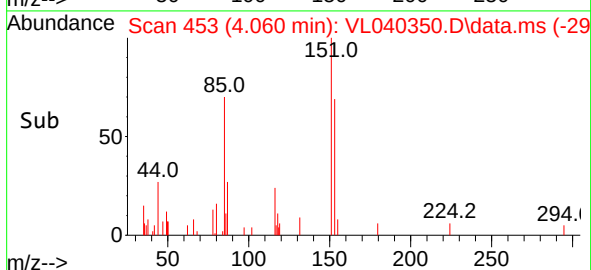
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

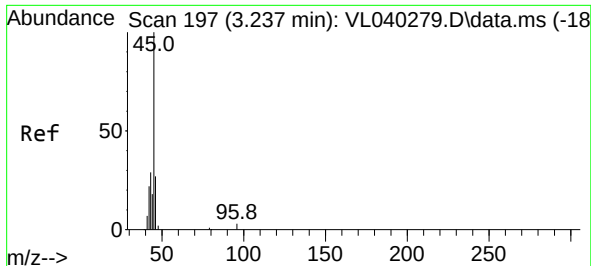


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.109 ppbv m
RT: 4.060 min Scan# 453
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



Tgt Ion:101 Resp: 13961
Ion Ratio Lower Upper
101 100
151 0.0 53.2 79.8#





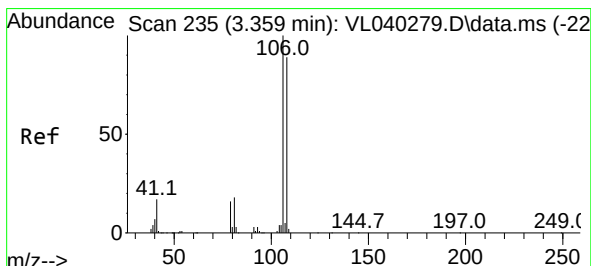
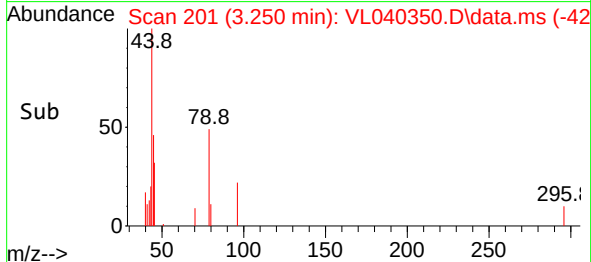
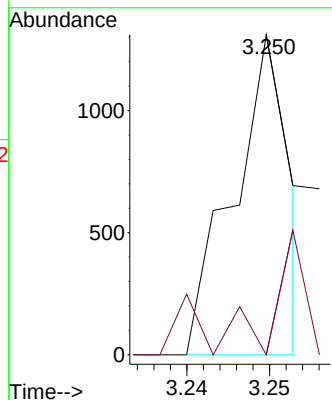
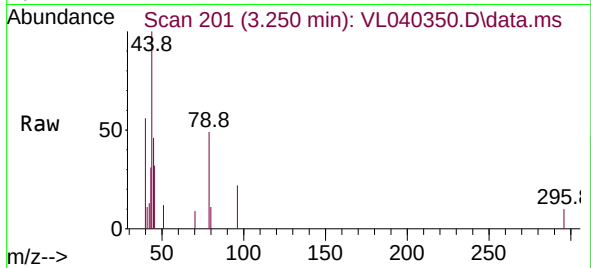
#13
Ethanol
Concen: 0.183 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.013 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 45 Resp: 619
Ion Ratio Lower Upper
45 100
46 4.8 15.0 60.2

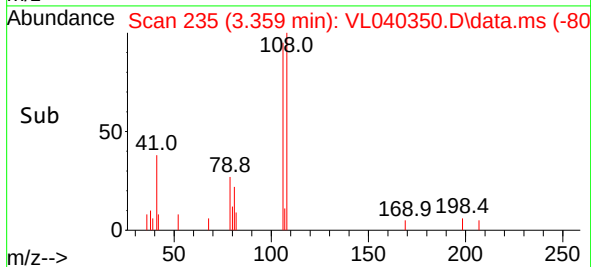
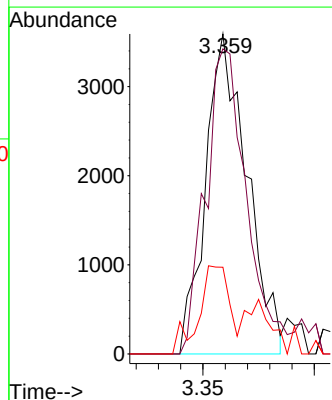
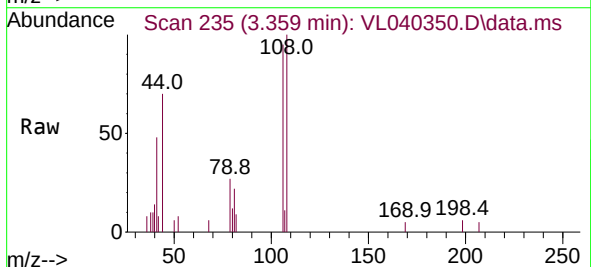
Manual Integrations
APPROVED

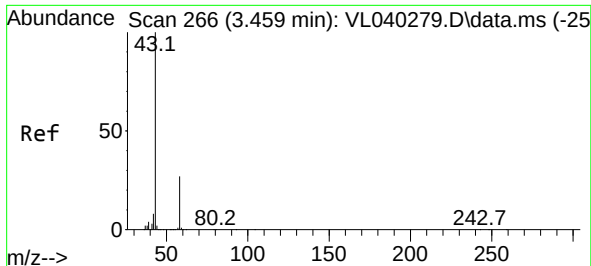
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#14
Bromoethene
Concen: 0.097 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

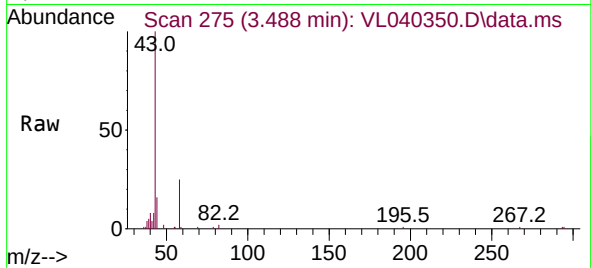
Tgt Ion:108 Resp: 4635
Ion Ratio Lower Upper
108 100
106 95.3 85.8 128.8
79 36.6 15.8 23.6





#15
Acetone
Concen: 0.177 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

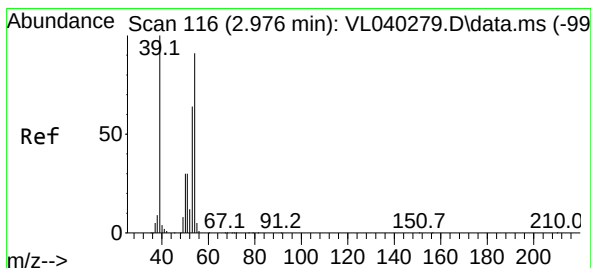
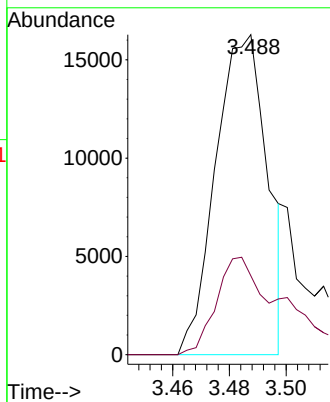
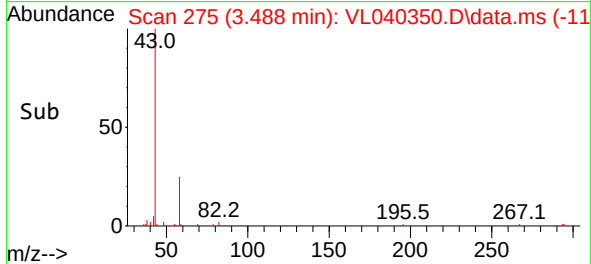
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 43 Resp: 2055
Ion Ratio Lower Upper
43 100
58 45.2 21.8 32.8

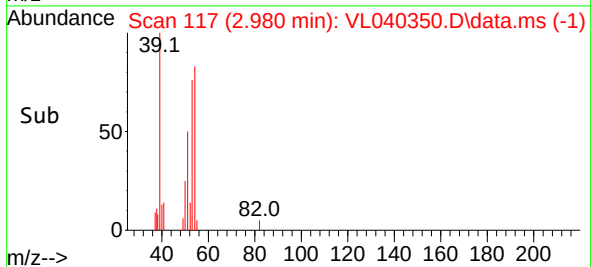
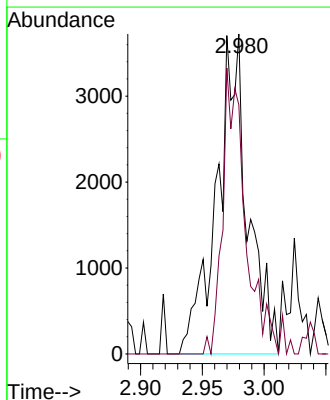
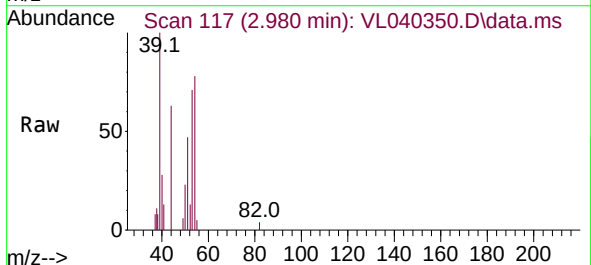
Manual Integrations
APPROVED

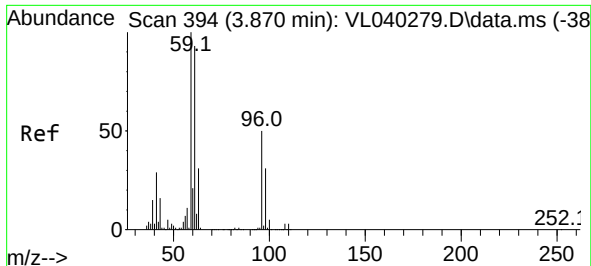
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#16
1,3-Butadiene
Concen: 0.124 ppbv m
RT: 2.980 min Scan# 117
Delta R.T. 0.004 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion: 39 Resp: 6541
Ion Ratio Lower Upper
39 100
54 0.0 68.4 102.6





#17

tert-Butyl alcohol

Concen: 0.101 ppbv m

RT: 3.899 min Scan# 403

Delta R.T. 0.029 min

Lab File: VL040350.D

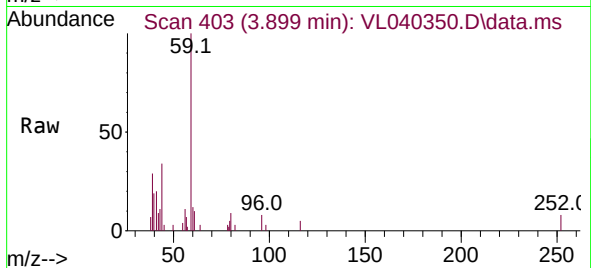
Acq: 13 Apr 2023 00:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023



Tgt Ion: 59 Resp: 11178

Ion Ratio Lower Upper

59 100

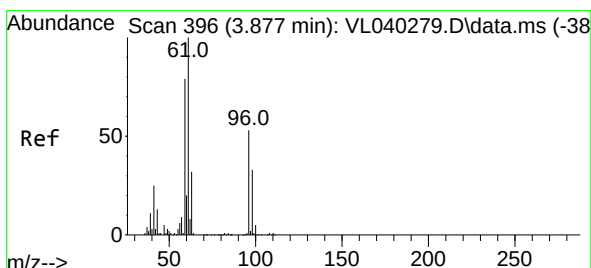
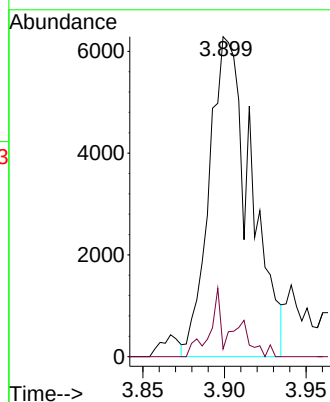
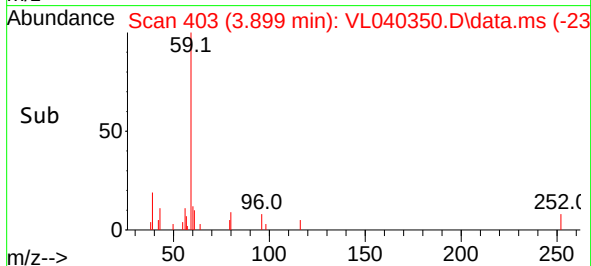
57 0.0 8.5 12.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#18

1,1-Dichloroethene

Concen: 0.102 ppbv m

RT: 3.870 min Scan# 394

Delta R.T. -0.007 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

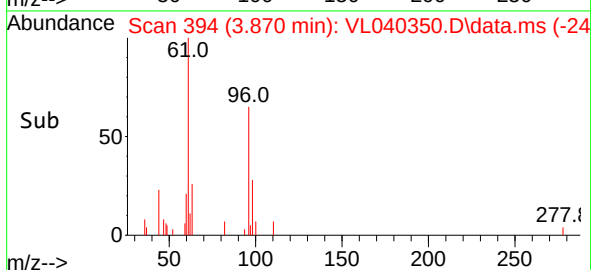
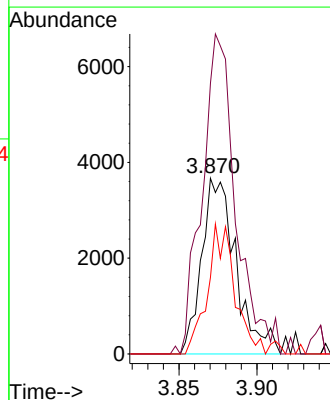
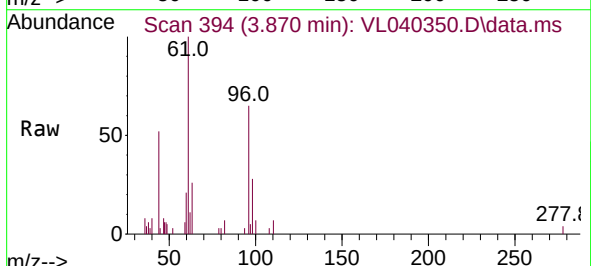
Tgt Ion: 96 Resp: 5601

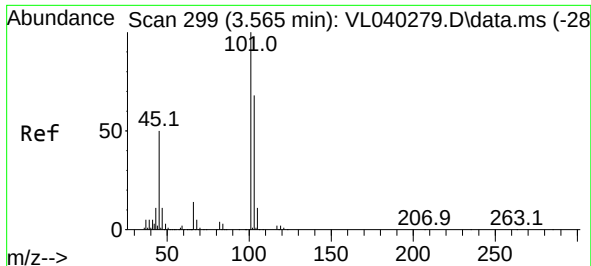
Ion Ratio Lower Upper

96 100

61 154.0 150.6 226.0

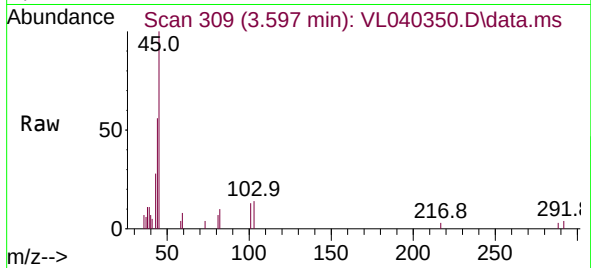
98 43.6 50.3 75.5





#19
Isopropyl Alcohol
Concen: 0.111 ppbv m
RT: 3.597 min Scan# 309
Delta R.T. 0.032 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

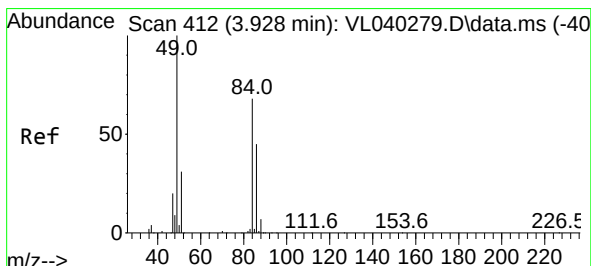
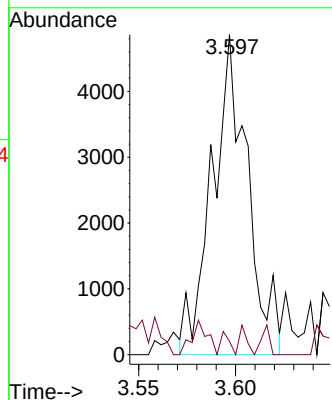
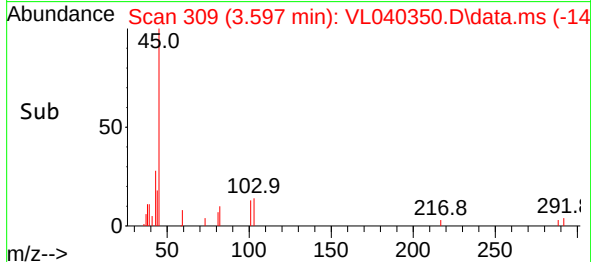
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



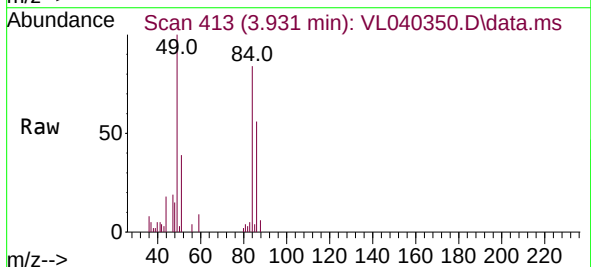
Tgt Ion: 45 Resp: 618
Ion Ratio Lower Upper
45 100
58 0.0 2.7 4.1

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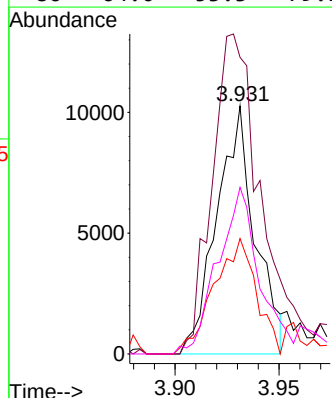
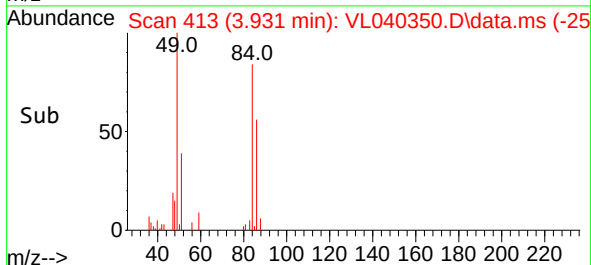
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

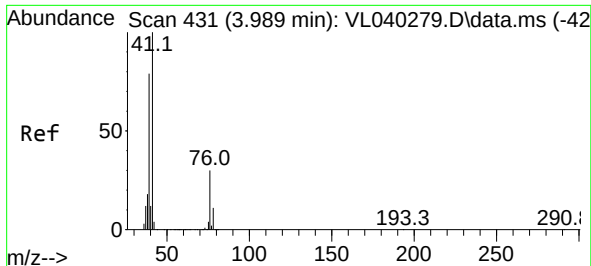


#20
Methylene Chloride
Concen: 0.269 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



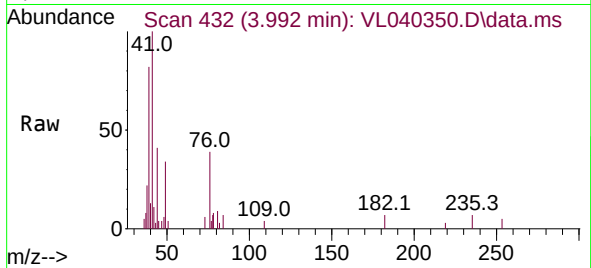
Tgt Ion: 84 Resp: 13160
Ion Ratio Lower Upper
84 100
49 119.6 117.5 176.3
51 46.5 36.9 55.3
86 64.0 53.3 79.9





#21
 Allyl Chloride
 Concen: 0.084 ppbv m
 RT: 3.992 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

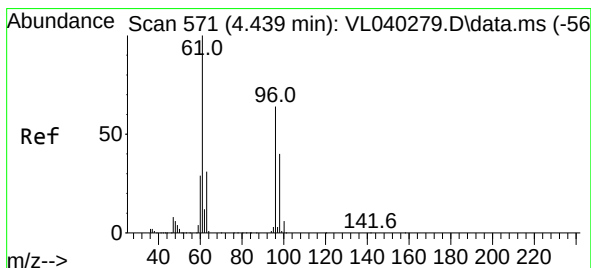
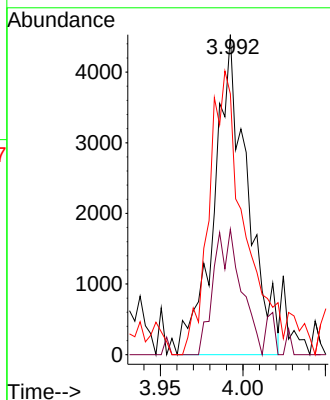
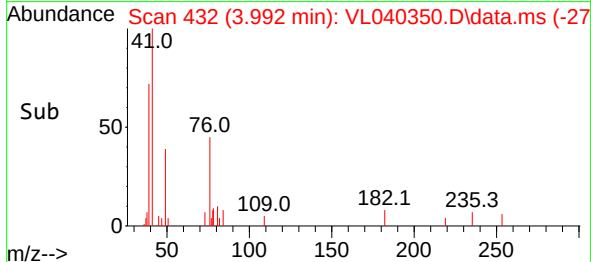
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 41 Resp: 6350
 Ion Ratio Lower Upper
 41 100
 76 36.8 25.4 38.0
 39 107.7 65.4 98.2

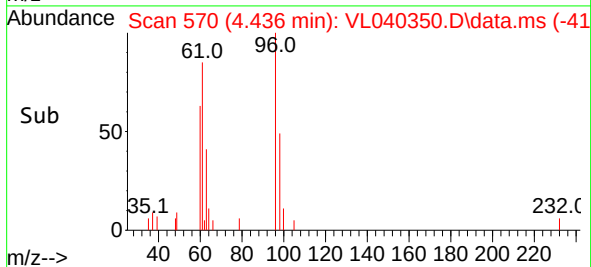
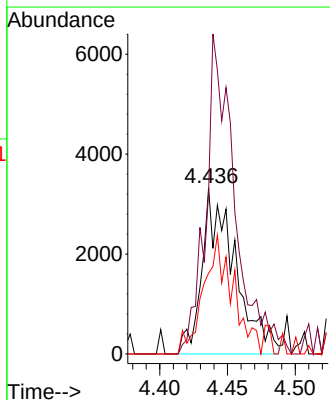
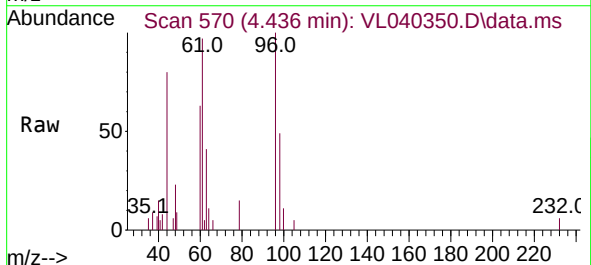
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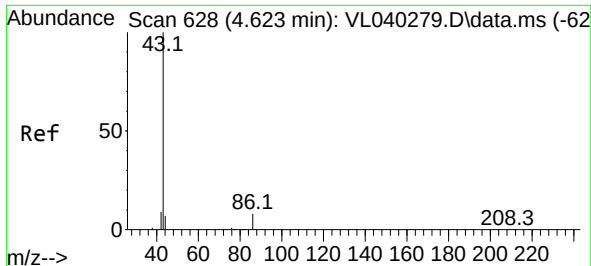
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.101 ppbv m
 RT: 4.436 min Scan# 570
 Delta R.T. -0.003 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

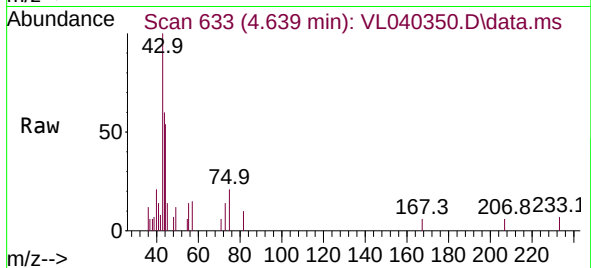
Tgt Ion: 96 Resp: 5651
 Ion Ratio Lower Upper
 96 100
 61 97.3 125.4 188.2#
 98 48.6 49.8 74.6#





#23
 Vinyl Acetate
 Concen: 0.154 ppbv m
 RT: 4.639 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

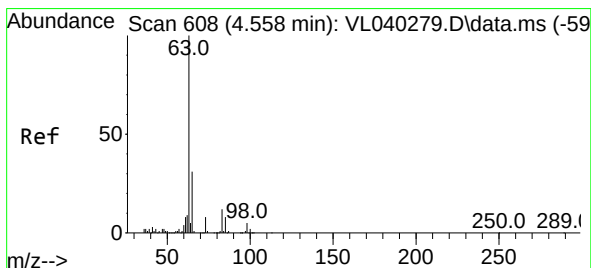
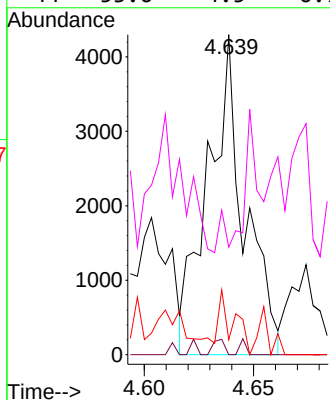
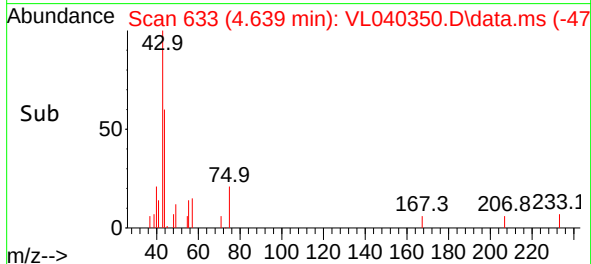
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 43 Resp: 498
 Ion Ratio Lower Upper
 43 100
 86 0.0 5.0 7.4
 42 7.5 9.1 13.7
 44 53.6 4.5 6.7

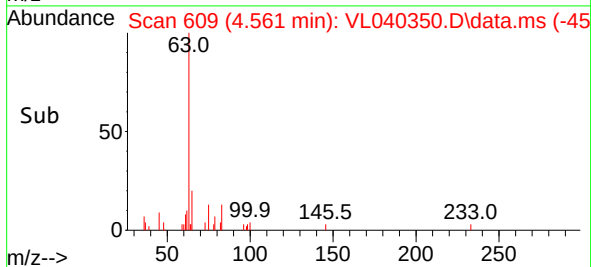
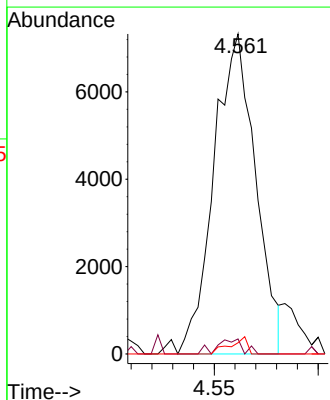
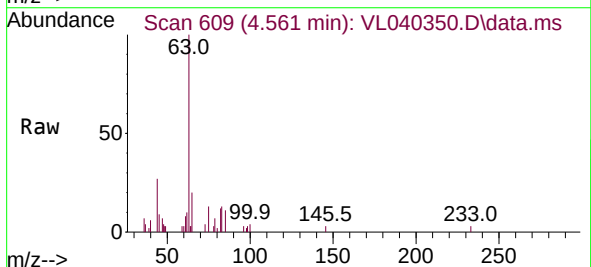
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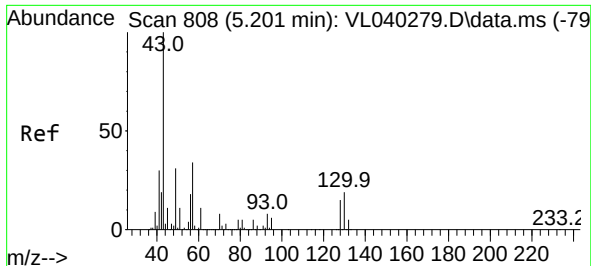
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#24
 1,1-Dichloroethane
 Concen: 0.088 ppbv
 RT: 4.561 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

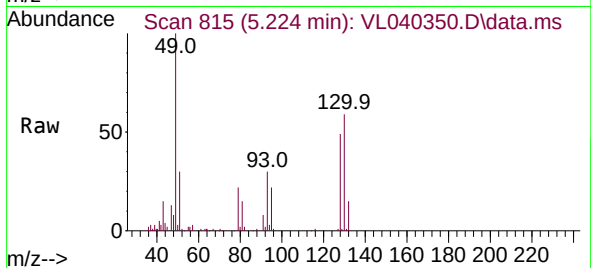
Tgt Ion: 63 Resp: 10213
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.4 7.2
 100 3.5 1.2 3.6





#25
Ethyl Acetate
Concen: 0.082 ppbv m
RT: 5.224 min Scan# 815
Delta R.T. 0.023 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

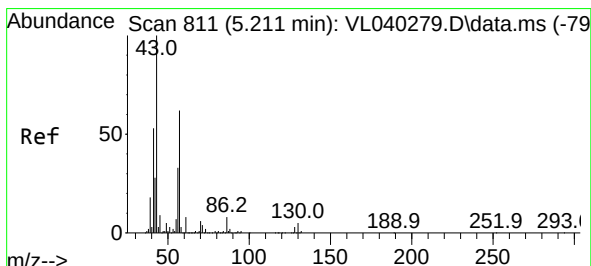
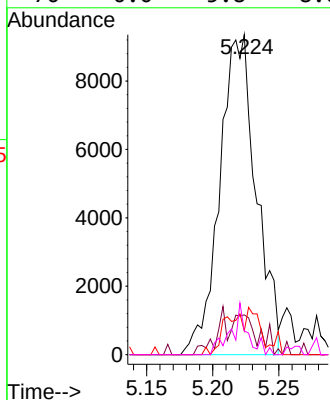
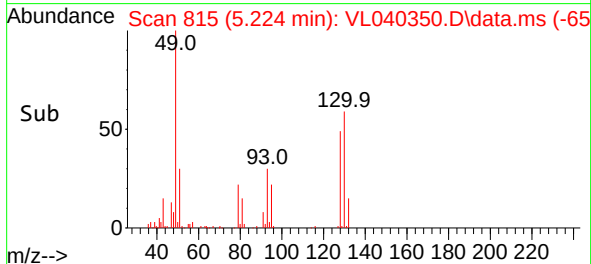
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



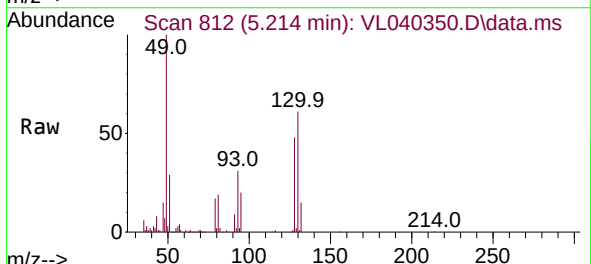
Tgt Ion: 43 Resp: 1795
Ion Ratio Lower Upper
43 100
45 13.5 8.6 12.8
61 0.0 8.4 12.6
70 0.0 5.8 8.6#

Manual Integrations
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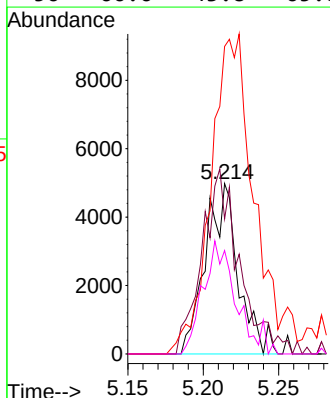
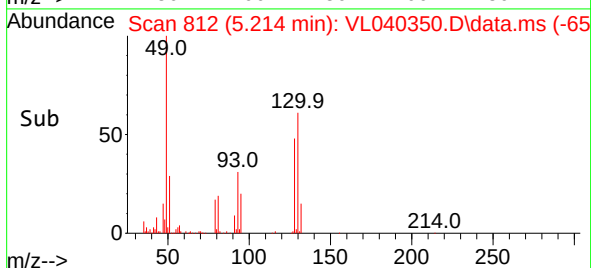
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

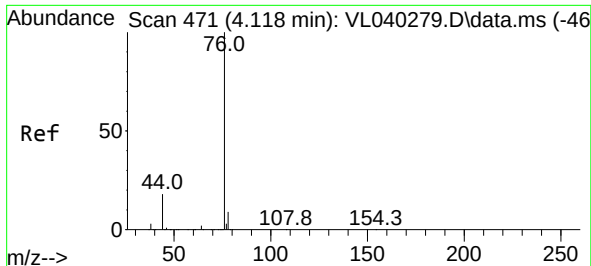


#26
Hexane
Concen: 0.084 ppbv m
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



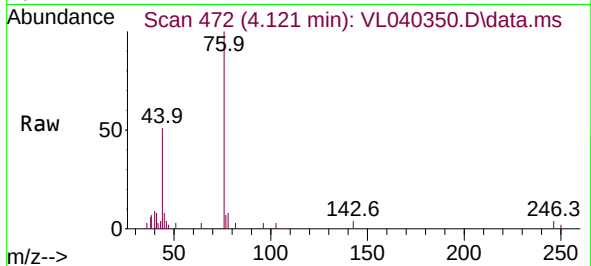
Tgt Ion: 57 Resp: 7525
Ion Ratio Lower Upper
57 100
41 126.1 73.5 110.3#
43 262.9 196.3 294.5
56 66.6 43.8 65.8#





#27
Carbon Disulfide
Concen: 0.069 ppbv m
RT: 4.121 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

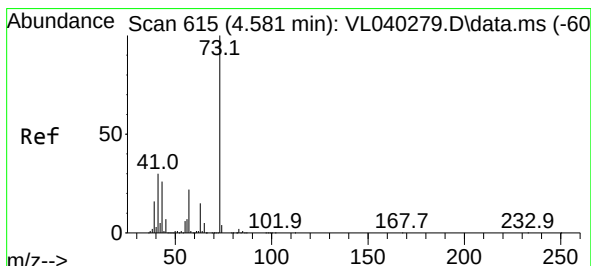
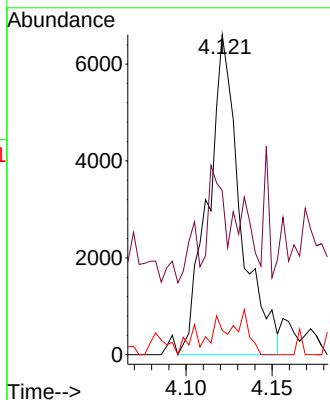
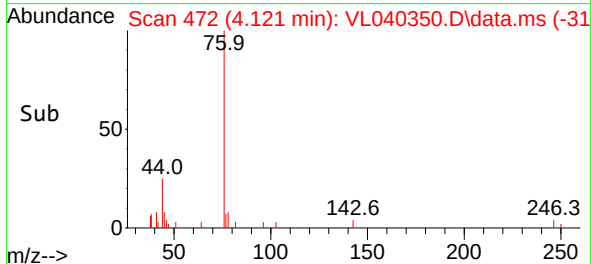
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 76 Resp: 862
Ion Ratio Lower Upper
76 100
44 0.0 15.2 22.8
78 0.0 7.6 11.4

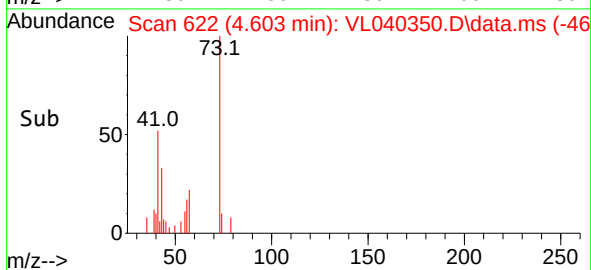
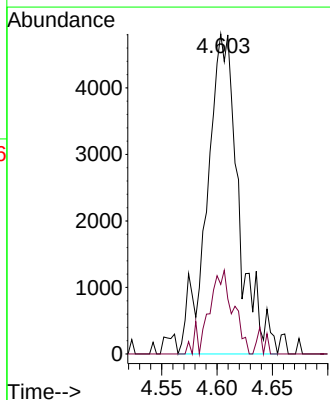
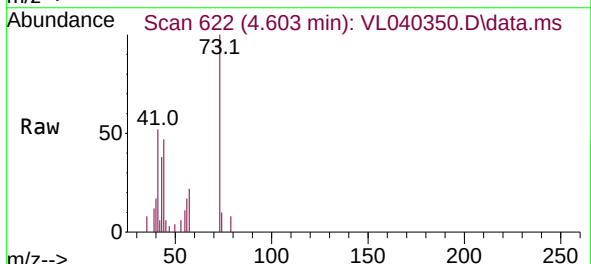
Manual Integrations
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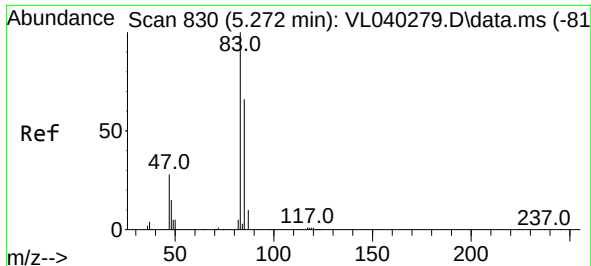
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#28
Methyl tert-Butyl Ether
Concen: 0.093 ppbv m
RT: 4.603 min Scan# 622
Delta R.T. 0.022 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion: 73 Resp: 9583
Ion Ratio Lower Upper
73 100
57 0.0 18.4 27.6





#29

Chloroform

Concen: 0.103 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion: 83 Resp: 1627

Ion Ratio Lower Upper

83 100

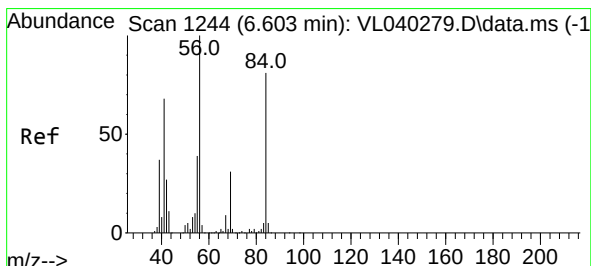
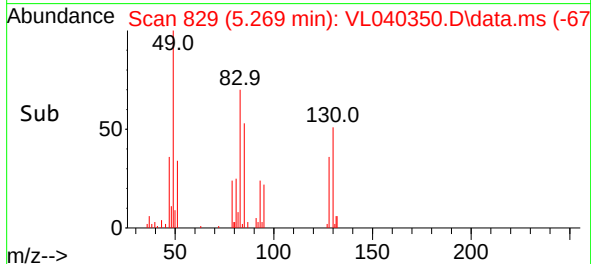
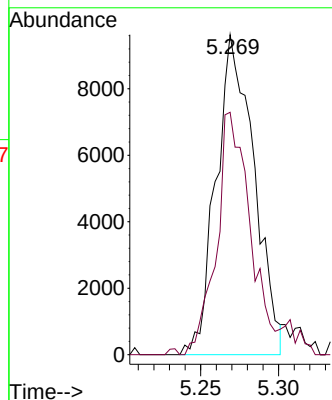
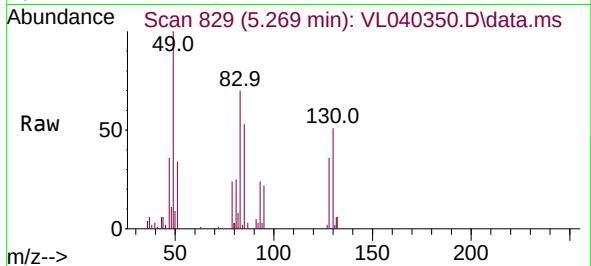
85 75.7 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#30

Cyclohexane

Concen: 0.057 ppbv m

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

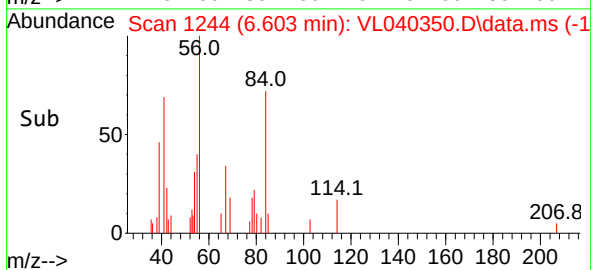
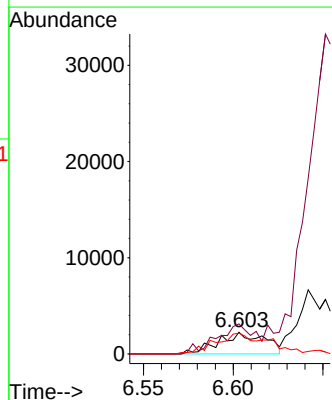
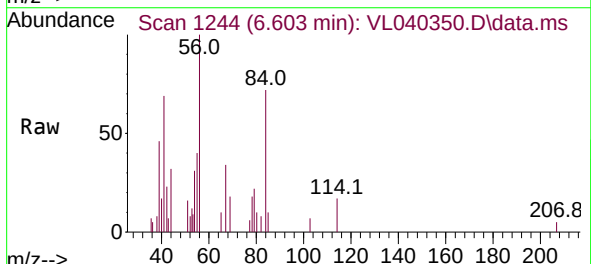
Tgt Ion: 84 Resp: 4020

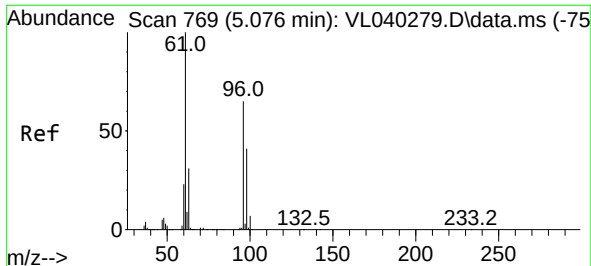
Ion Ratio Lower Upper

84 100

56 0.0 109.0 163.4#

41 113.8 67.9 101.9#





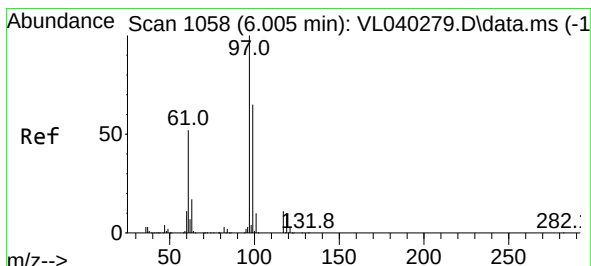
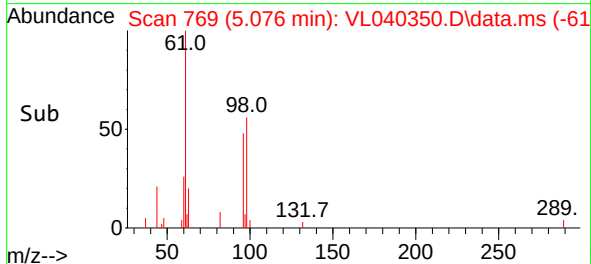
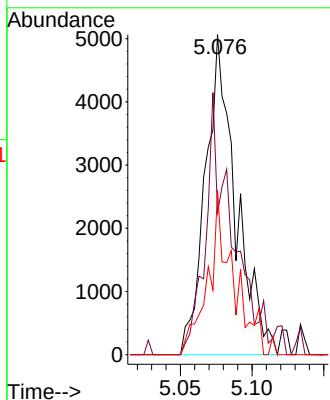
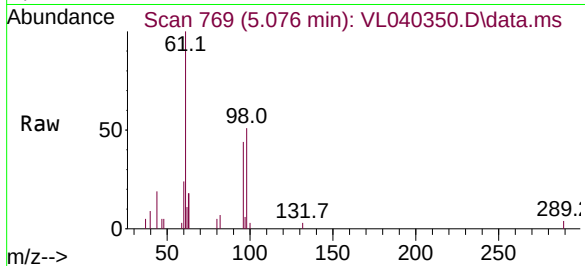
#31
 cis-1,2-Dichloroethene
 Concen: 0.086 ppbv m
 RT: 5.076 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023

Tgt Ion: 61 Resp: 7452
 Ion Ratio Lower Upper
 61 100
 96 44.4 51.8 77.8
 98 51.4 32.5 48.7

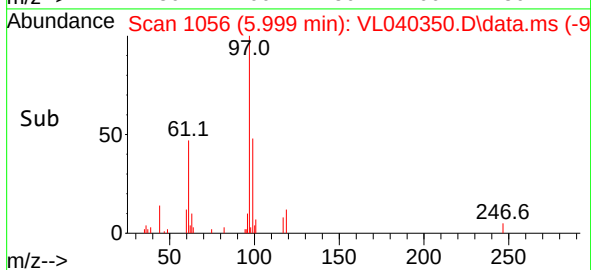
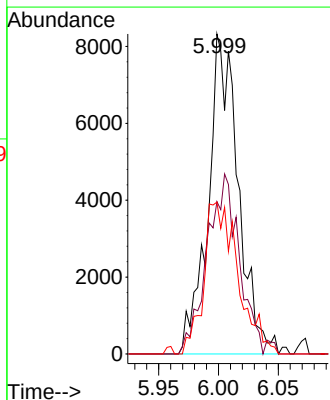
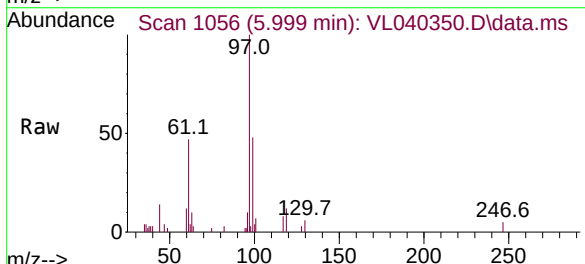
Manual Integrations
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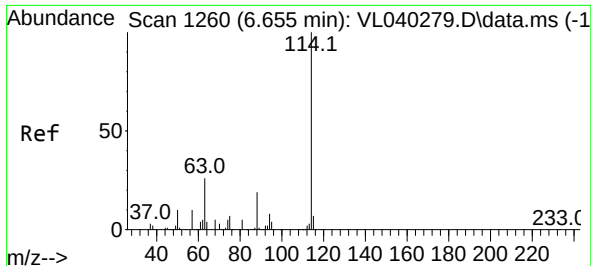
Reviewed By :Semsettin Yesilyurt 04/13/2023
 Supervised By :Mahesh Dadoda 04/13/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.097 ppbv m
 RT: 5.999 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

Tgt Ion: 97 Resp: 14610
 Ion Ratio Lower Upper
 97 100
 99 61.0 52.2 78.2
 61 0.0 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040350.D

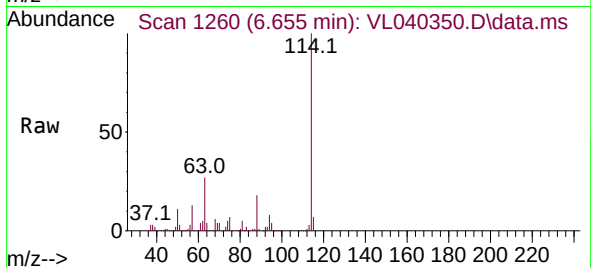
Acq: 13 Apr 2023 00:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023



Tgt Ion:114 Resp: 2336254

Ion Ratio Lower Upper

114 100

63 26.8 21.2 31.8

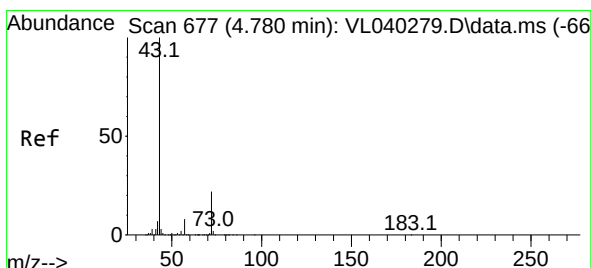
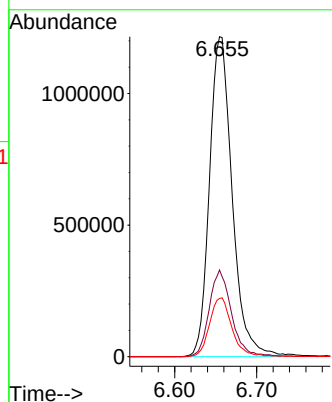
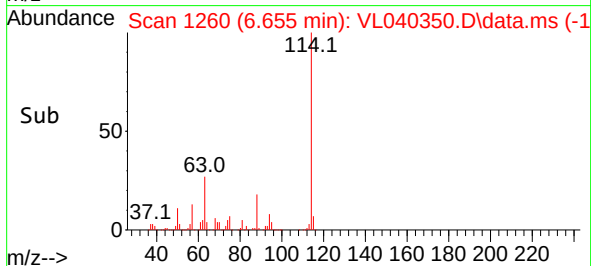
88 18.3 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#34

2-Butanone

Concen: 0.117 ppbv m

RT: 4.809 min Scan# 686

Delta R.T. 0.029 min

Lab File: VL040350.D

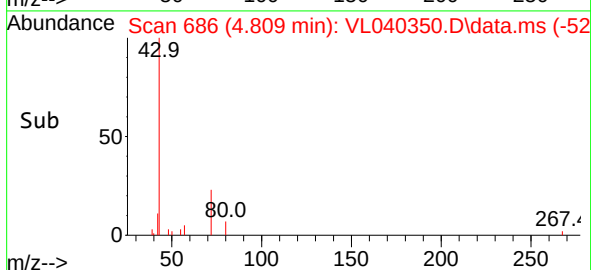
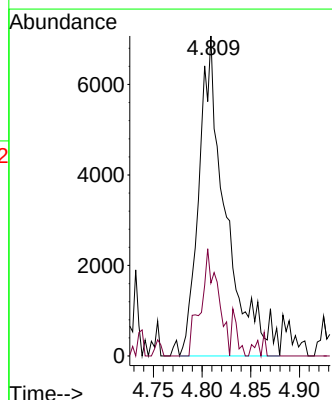
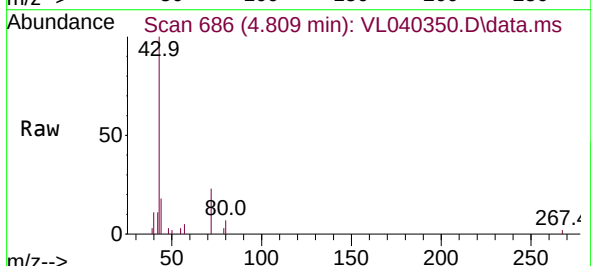
Acq: 13 Apr 2023 00:02

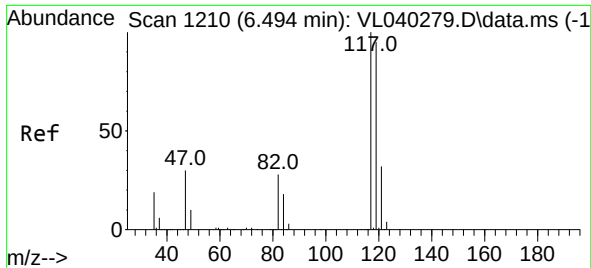
Tgt Ion: 43 Resp: 13517

Ion Ratio Lower Upper

43 100

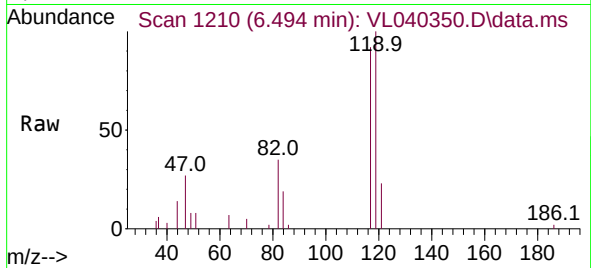
72 1.1 18.3 27.5#





#35
Carbon Tetrachloride
Concen: 0.097 ppbv m
RT: 6.494 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

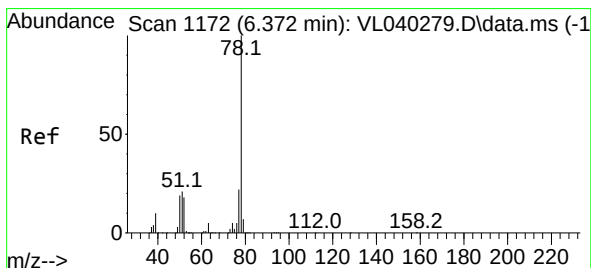
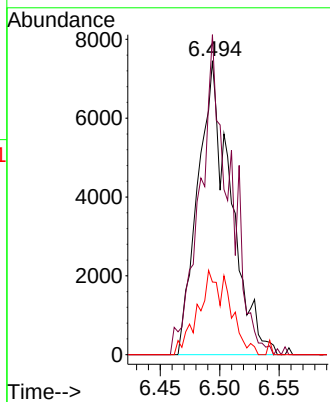
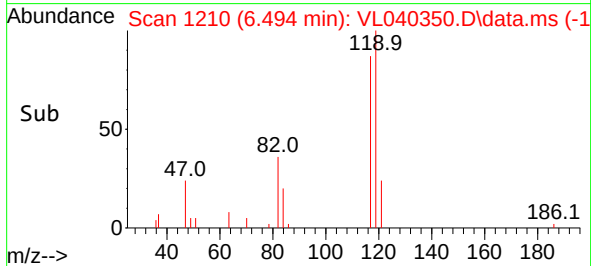
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2023



Tgt Ion: 117 Resp: 1426
Ion Ratio Lower Upper
117 100
119 108.9 76.4 114.6
121 24.7 25.6 38.4

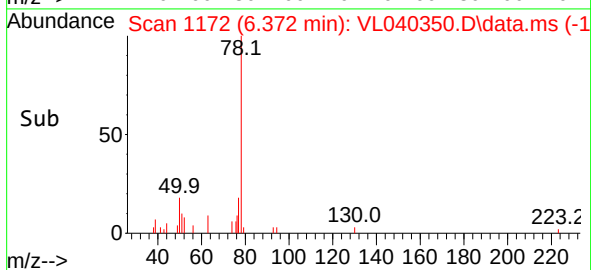
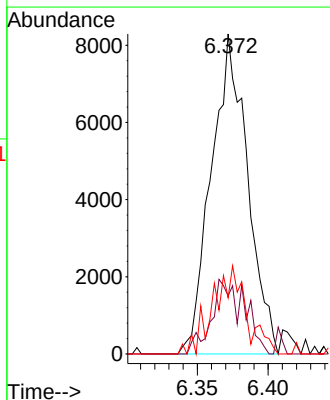
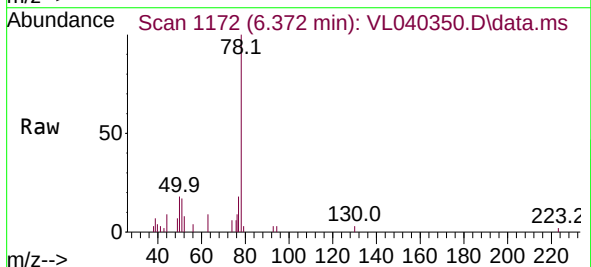
Manual Integrations
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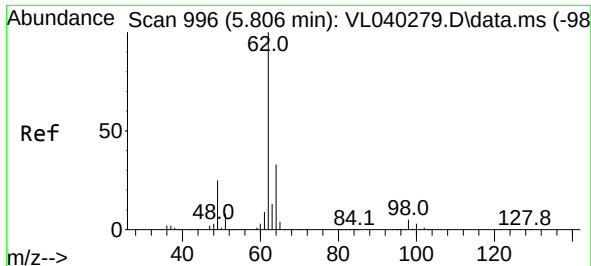
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#36
Benzene
Concen: 0.083 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

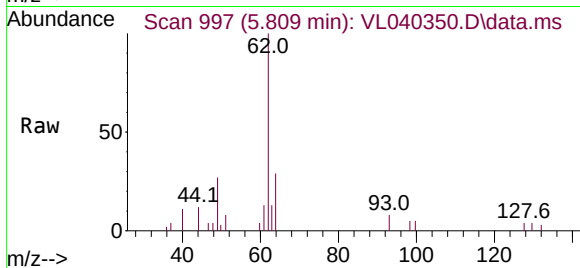
Tgt Ion: 78 Resp: 14755
Ion Ratio Lower Upper
78 100
77 18.1 17.8 26.8
50 17.5 15.4 23.2





#37
1,2-Dichloroethane
Concen: 0.099 ppbv m
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

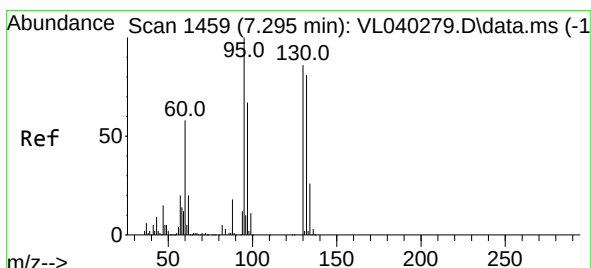
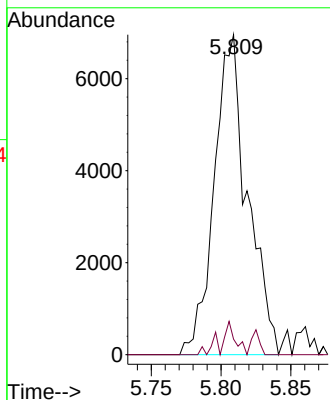
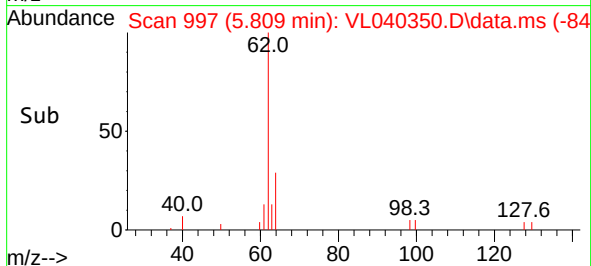
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 62 Resp: 1151
Ion Ratio Lower Upper
62 100
98 6.4 4.3 6.5

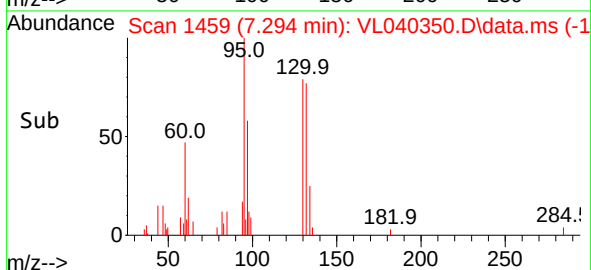
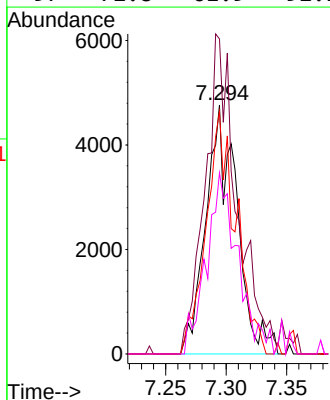
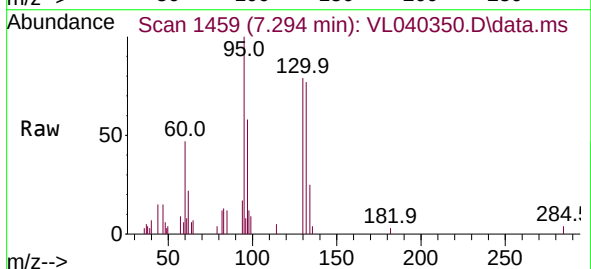
Manual Integrations
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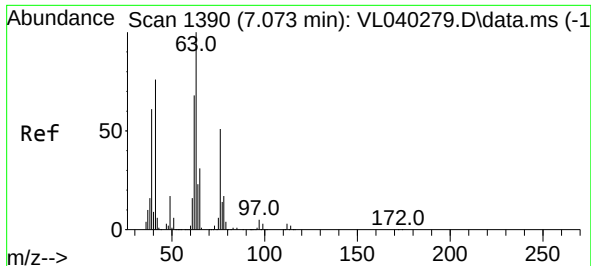
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#38
Trichloroethene
Concen: 0.087 ppbv m
RT: 7.294 min Scan# 1459
Delta R.T. -0.001 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion:130 Resp: 8493
Ion Ratio Lower Upper
130 100
95 126.6 93.0 139.4
132 97.4 75.3 112.9
97 72.8 61.9 92.9





#39

1,2-Dichloropropane

Concen: 0.107 ppbv m

RT: 7.076 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

Instrument :

MSVOA_L

ClientSampleId :

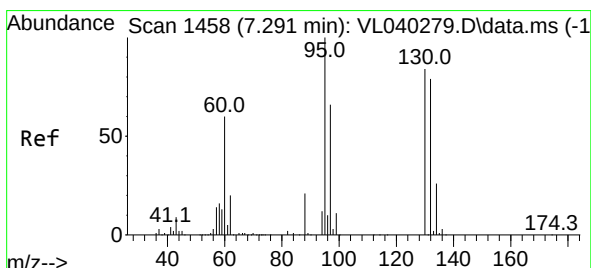
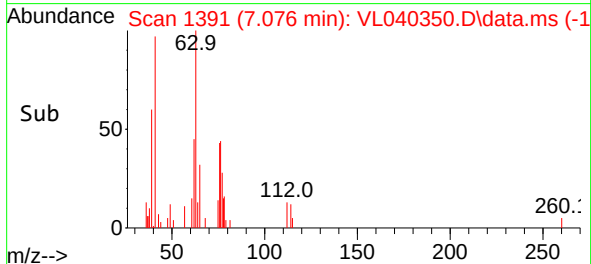
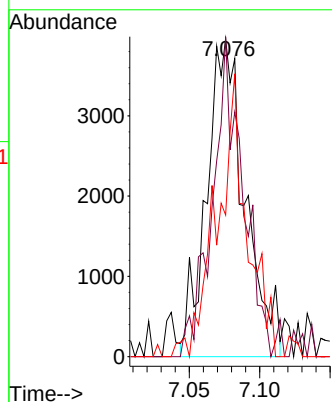
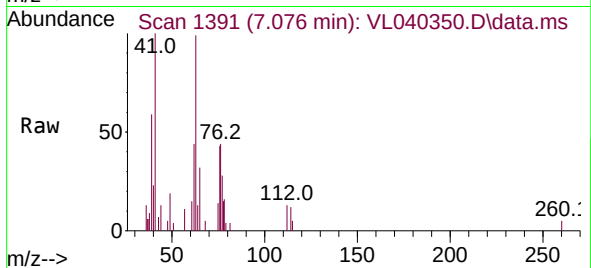
MDL-AIR-03-QT2-2023

Tgt Ion: 63	Resp: 7500
Ion Ratio	Lower Upper
63	100
41	100.6 60.8 91.2
62	44.5 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#40

1,4-Dioxane

Concen: 0.085 ppbv m

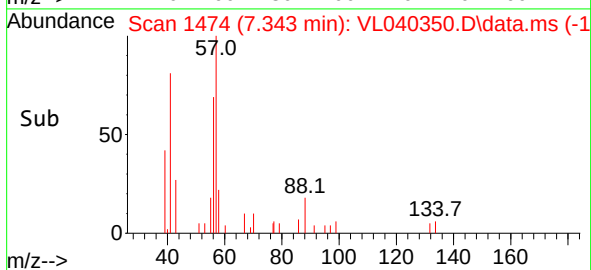
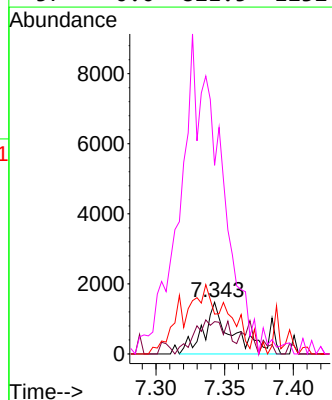
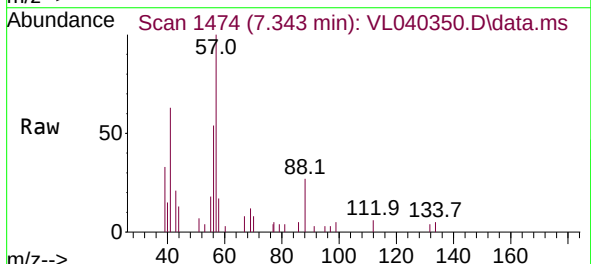
RT: 7.343 min Scan# 1474

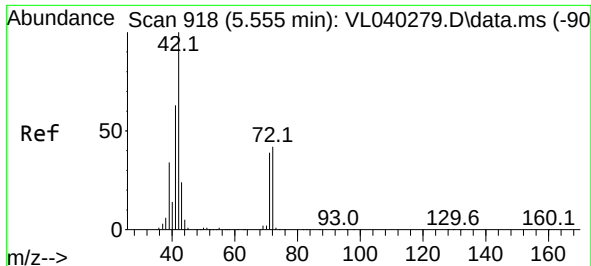
Delta R.T. 0.052 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

Tgt Ion: 88	Resp: 2343
Ion Ratio	Lower Upper
88	100
58	10.7 96.0 144.0#
43	0.0 187.6 281.4#
57	0.0 821.5 1232.3#





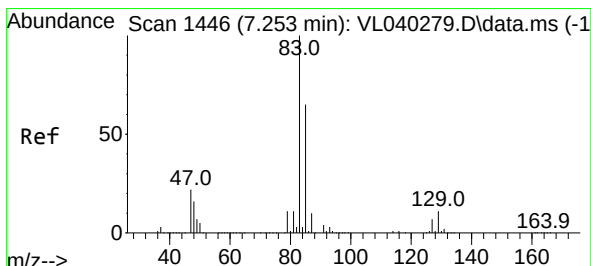
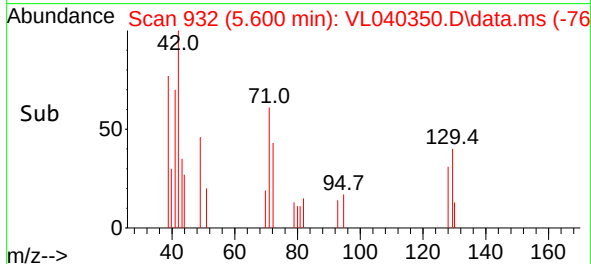
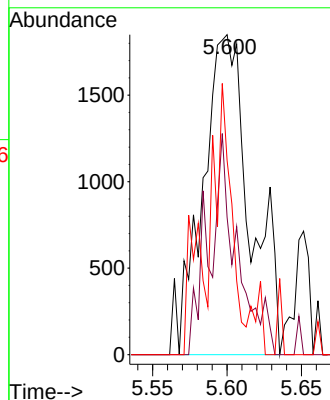
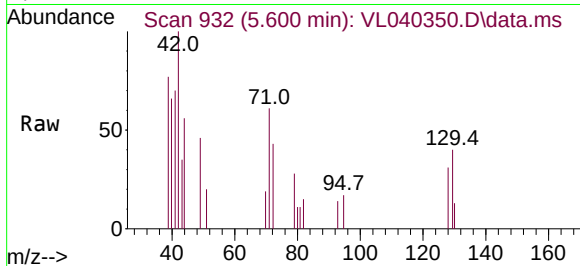
#41
Tetrahydrofuran
Concen: 0.061 ppbv m
RT: 5.600 min Scan# 918
Delta R.T. 0.045 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 42 Resp: 4038
Ion Ratio Lower Upper
42 100
72 0.0 32.6 49.0
71 0.0 31.0 46.4

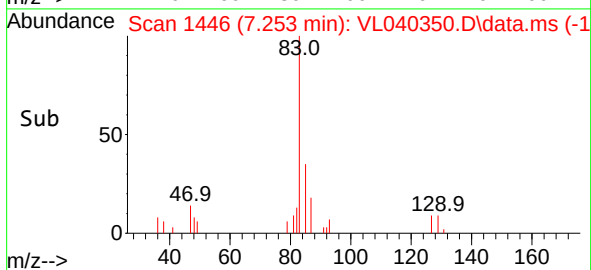
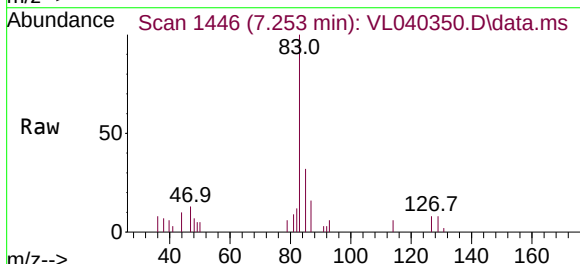
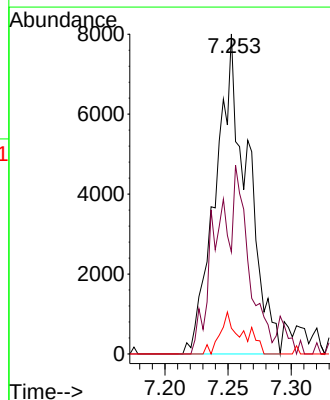
Manual Integrations
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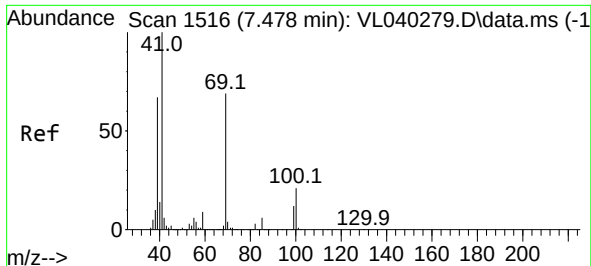
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#42
Bromodichloromethane
Concen: 0.089 ppbv m
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

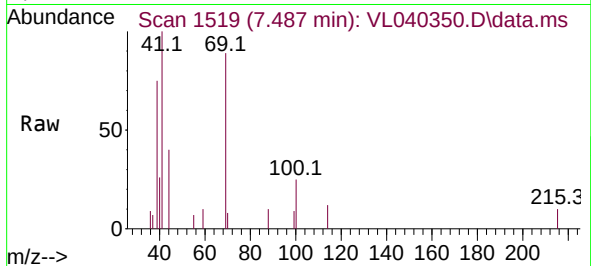
Tgt Ion: 83 Resp: 14156
Ion Ratio Lower Upper
83 100
85 31.9 52.1 78.1
127 8.1 5.8 8.6





#43
Methyl Methacrylate
Concen: 0.063 ppbv m
RT: 7.487 min Scan# 1469
Delta R.T. 0.009 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

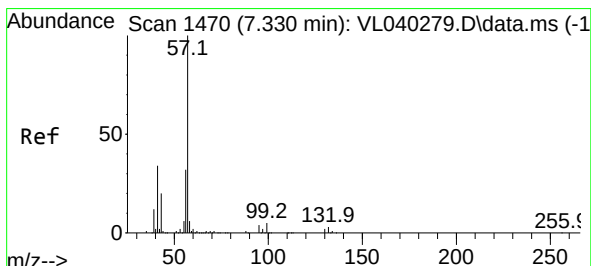
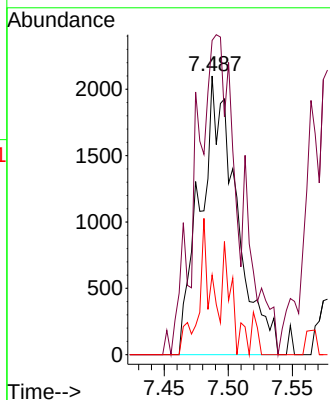
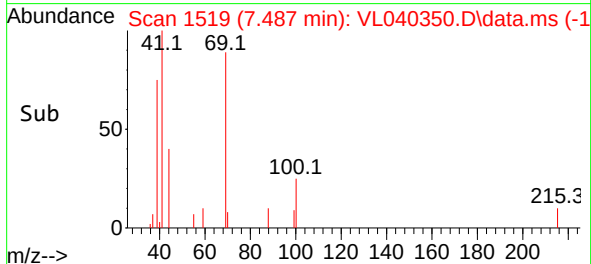
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



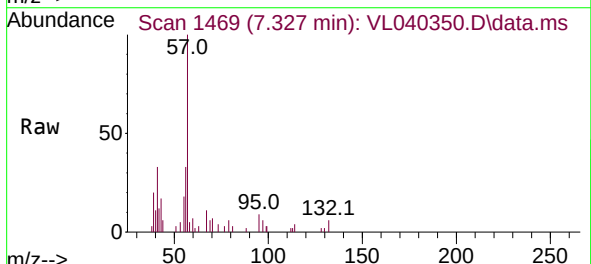
Tgt Ion: 69 Resp: 4154
Ion Ratio Lower Upper
69 100
41 0.0 116.9 175.3#
100 0.0 24.2 36.4#

Manual Integrations
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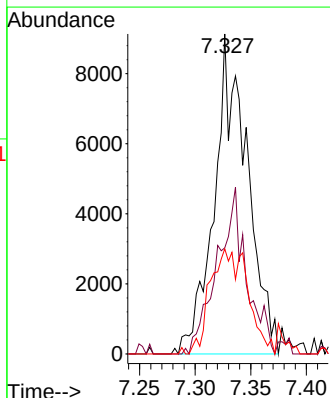
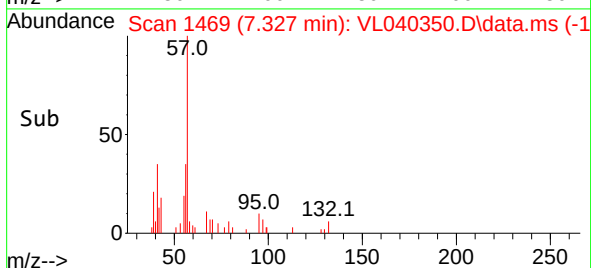
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

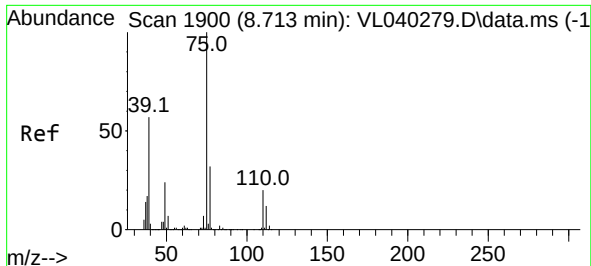


#44
2,2,4-Trimethylpentane
Concen: 0.063 ppbv m
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



Tgt Ion: 57 Resp: 18838
Ion Ratio Lower Upper
57 100
41 0.0 26.8 40.2#
56 40.1 25.0 37.6#





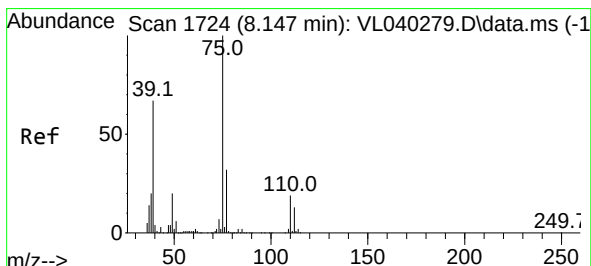
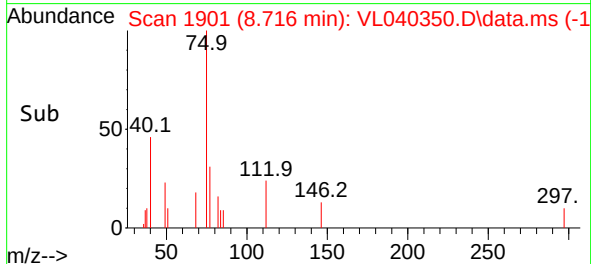
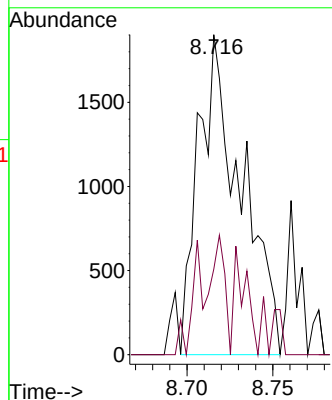
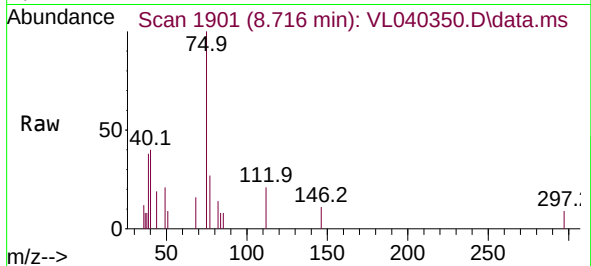
#45
t-1,3-Dichloropropene
Concen: 0.057 ppbv m
RT: 8.716 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 75 Resp: 329
Ion Ratio Lower Upper
75 100
77 26.8 25.4 38.0

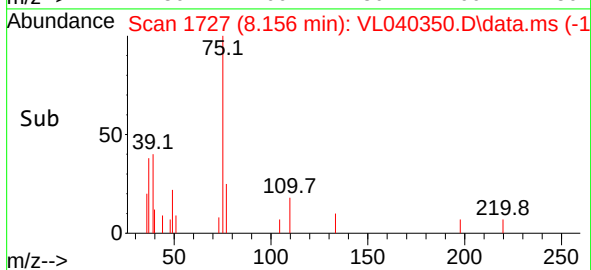
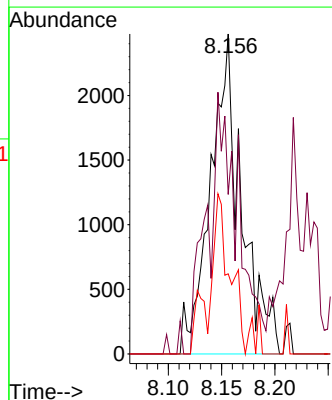
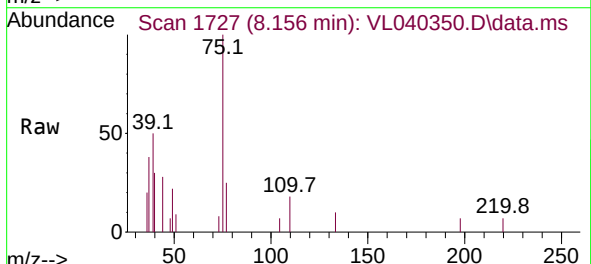
Manual Integrations
APPROVED

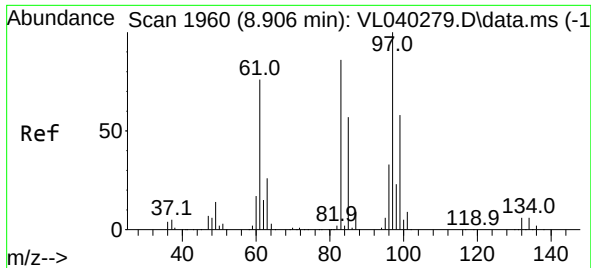
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#46
cis-1,3-Dichloropropene
Concen: 0.061 ppbv m
RT: 8.156 min Scan# 1727
Delta R.T. 0.009 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion: 75 Resp: 4980
Ion Ratio Lower Upper
75 100
39 49.8 53.9 80.9#
77 25.0 25.3 37.9#





#47

1,1,2-Trichloroethane

Concen: 0.101 ppbv m

RT: 8.909 min Scan# 1960

Delta R.T. 0.003 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

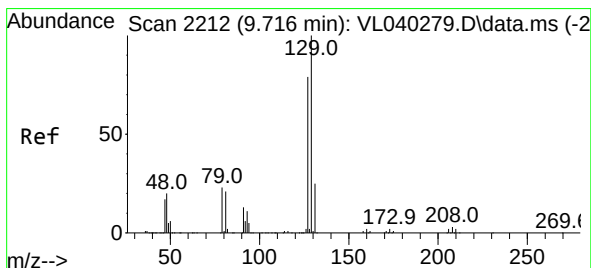
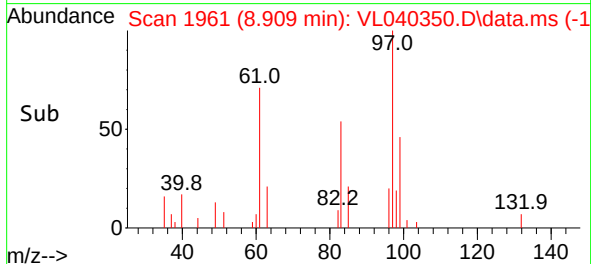
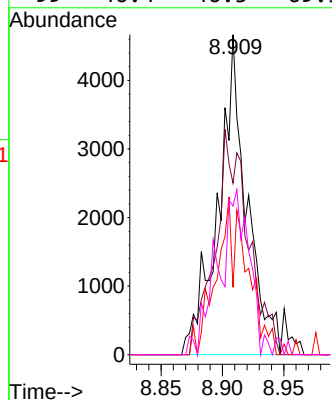
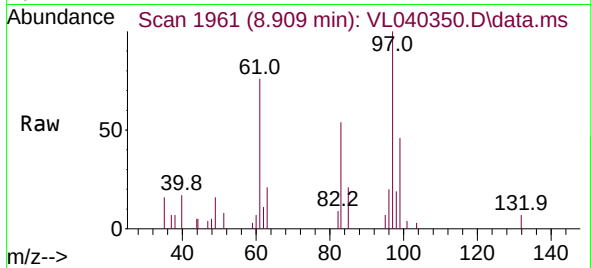
Tgt Ion: 97	Resp: 752
Ion Ratio	Lower Upper
97 100	
83 53.6	68.6 103.0
85 21.0	46.0 69.0
99 46.4	46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#48

Dibromochloromethane

Concen: 0.073 ppbv m

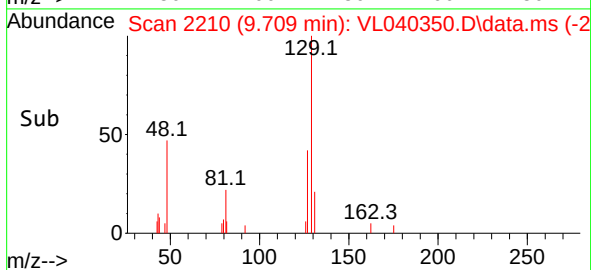
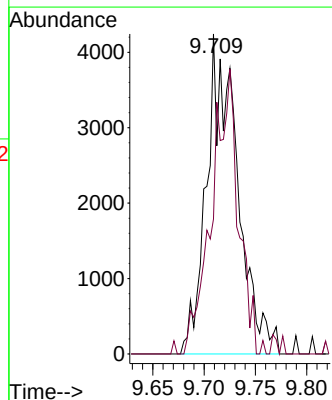
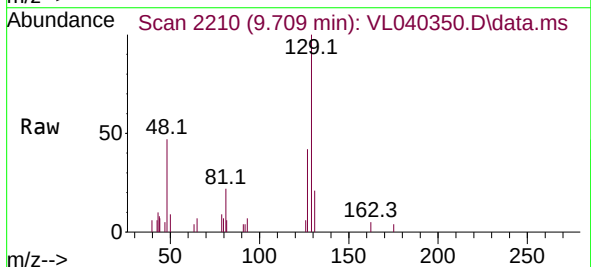
RT: 9.709 min Scan# 2210

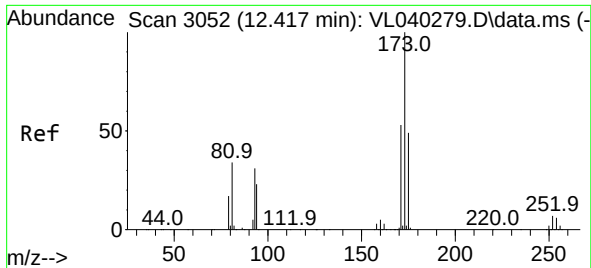
Delta R.T. -0.007 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

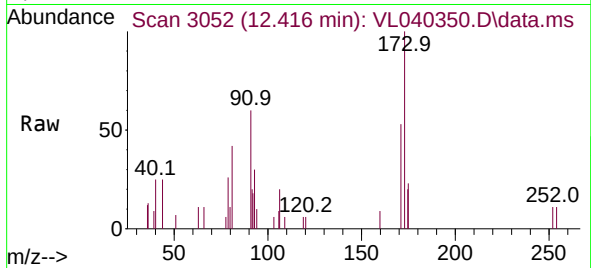
Tgt Ion: 129	Resp: 8901
Ion Ratio	Lower Upper
129 100	
127 0.0	39.1 117.5





#49
Bromoform
Concen: 0.060 ppbv m
RT: 12.416 min Scan# 3052
Delta R.T. -0.001 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

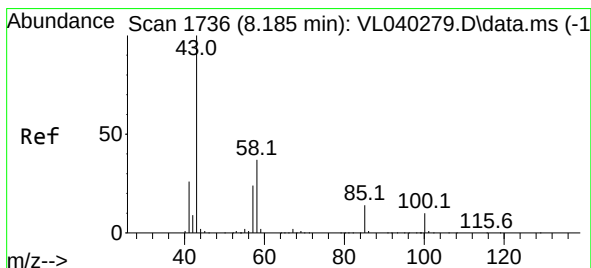
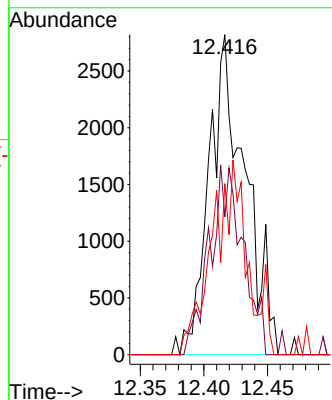
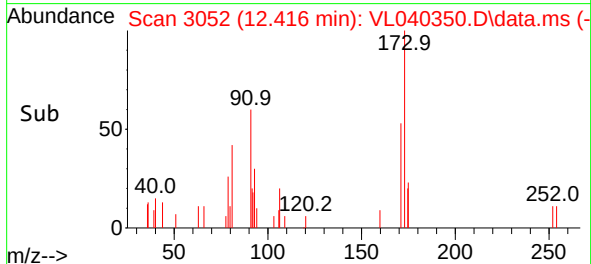
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT2-2023



Tgt Ion: 173 Resp: 553
Ion Ratio Lower Upper
173 100
175 55.5 39.8 59.8
171 0.0 42.2 63.4

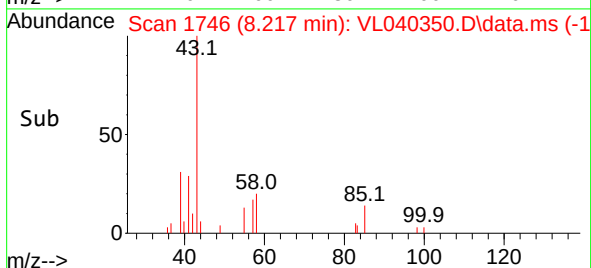
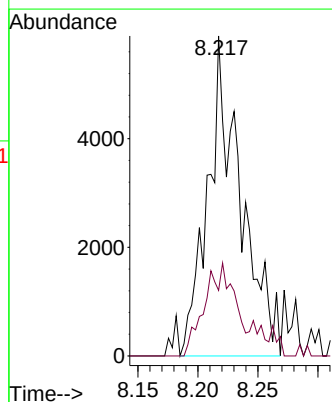
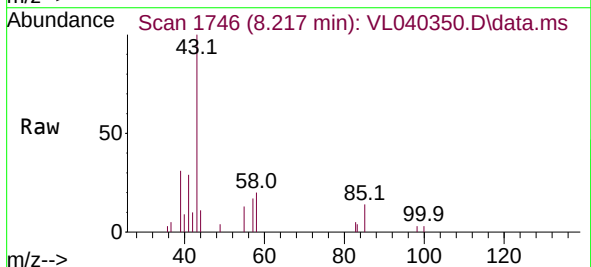
Manual Integrations
APPROVED

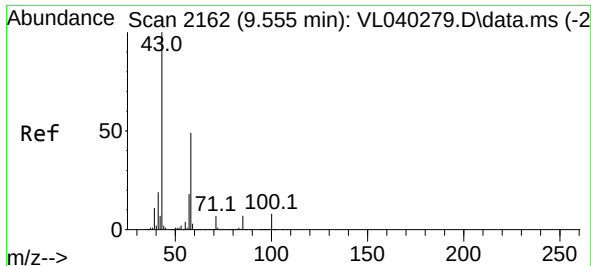
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#50
4-Methyl-2-Pentanone
Concen: 0.063 ppbv m
RT: 8.217 min Scan# 1746
Delta R.T. 0.032 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

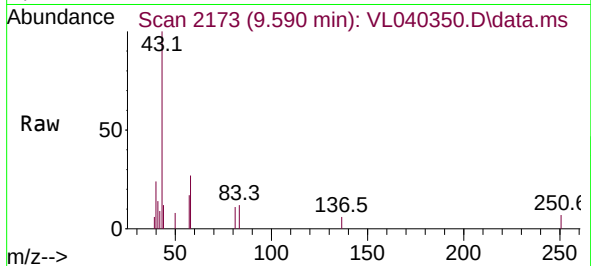
Tgt Ion: 43 Resp: 11235
Ion Ratio Lower Upper
43 100
58 0.0 29.2 43.8





#51
2-Hexanone
Concen: 0.060 ppbv m
RT: 9.590 min Scan# 2162
Delta R.T. 0.035 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

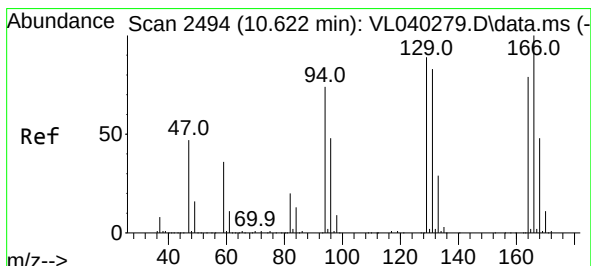
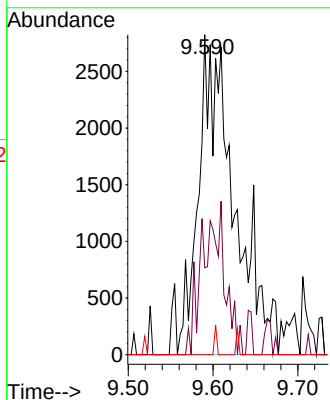
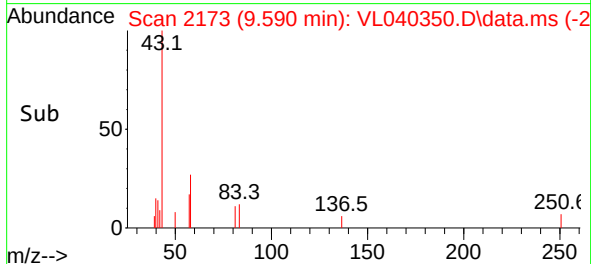
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion: 43 Resp: 827
Ion Ratio Lower Upper
43 100
58 0.0 38.0 57.0
98 0.0 0.5 0.7

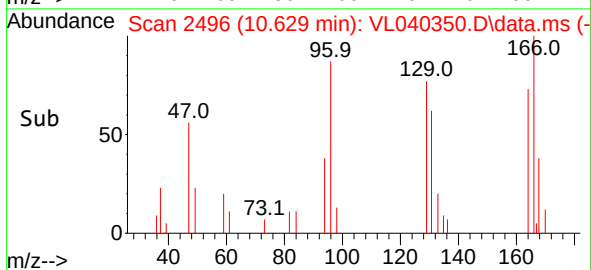
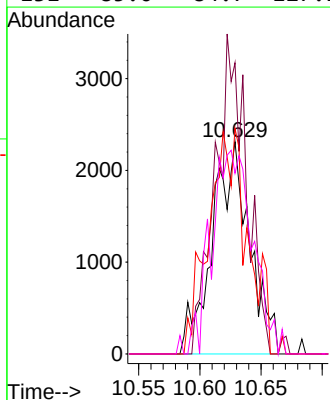
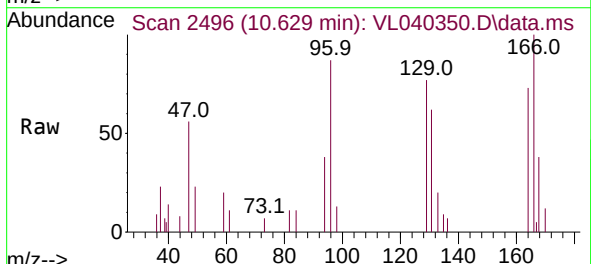
Manual Integrations
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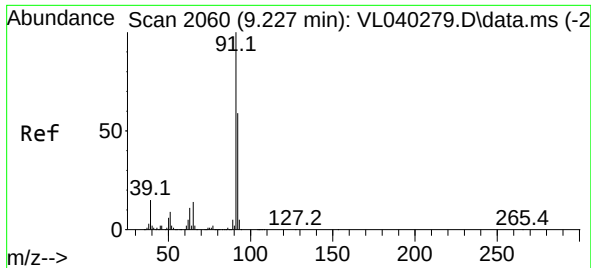
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#52
Tetrachloroethene
Concen: 0.092 ppbv m
RT: 10.629 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

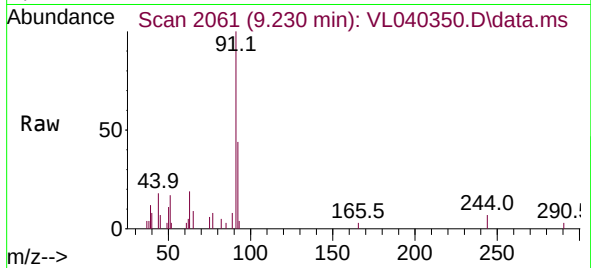
Tgt Ion:164 Resp: 4938
Ion Ratio Lower Upper
164 100
166 137.2 101.8 152.6
129 106.3 90.2 135.2
131 85.0 84.7 127.1





#53
Toluene
Concen: 0.058 ppbv m
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

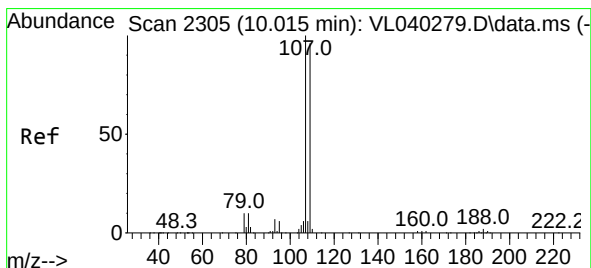
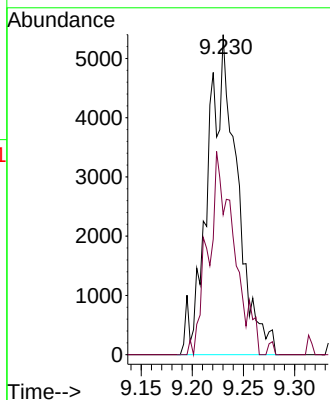
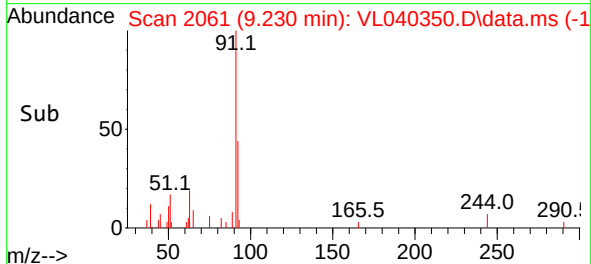
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



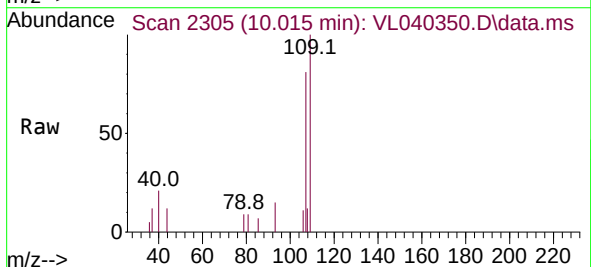
Tgt Ion: 91 Resp: 10828
Ion Ratio Lower Upper
91 100
92 0.0 48.0 72.0

Manual Integrations
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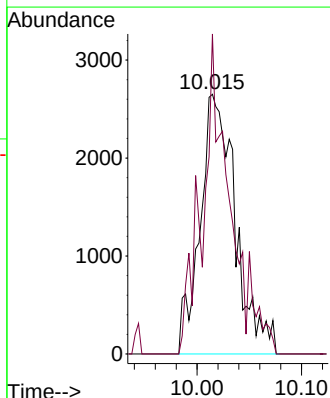
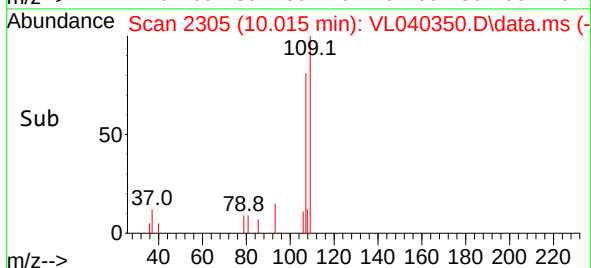
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

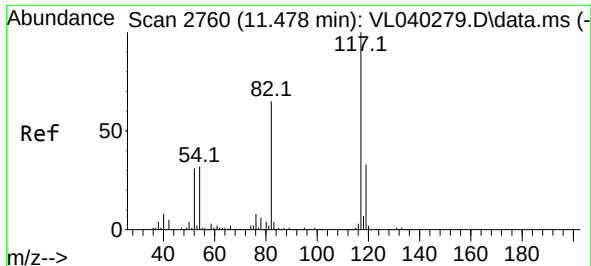


#54
1,2-Dibromoethane
Concen: 0.081 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



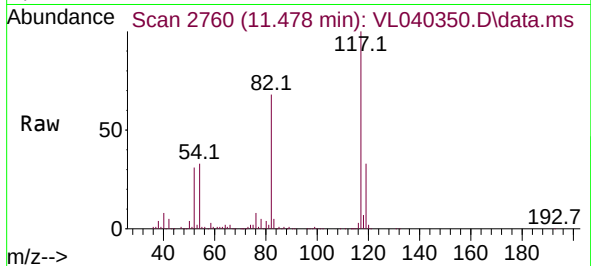
Tgt Ion:107 Resp: 6215
Ion Ratio Lower Upper
107 100
109 123.2 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

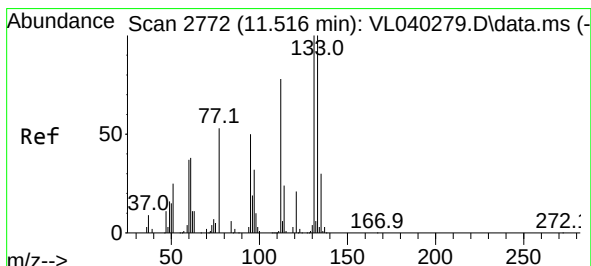
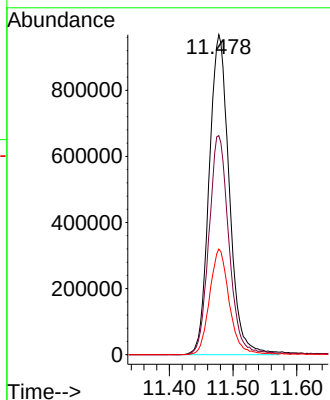
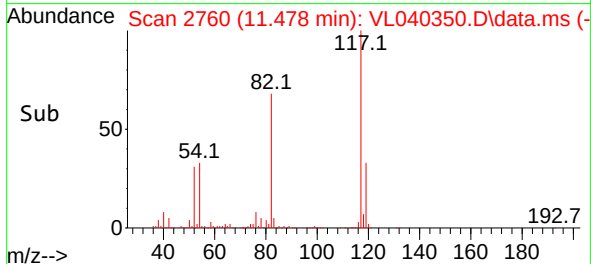
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



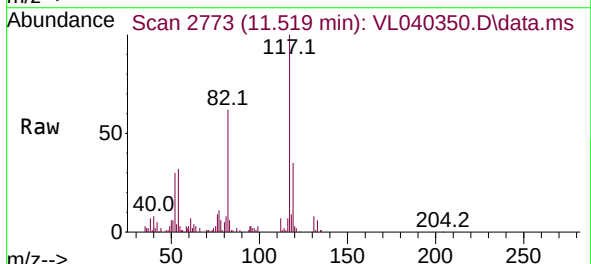
Tgt Ion:117 Resp: 212565
Ion Ratio Lower Upper
117 100
82 69.0 51.4 77.2
119 32.7 24.0 36.0

Manual Integrations
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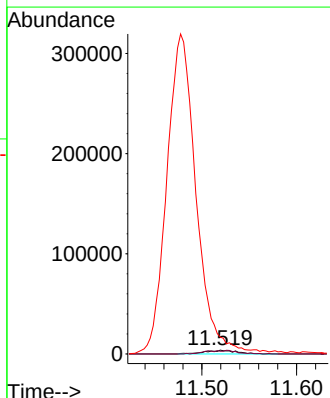
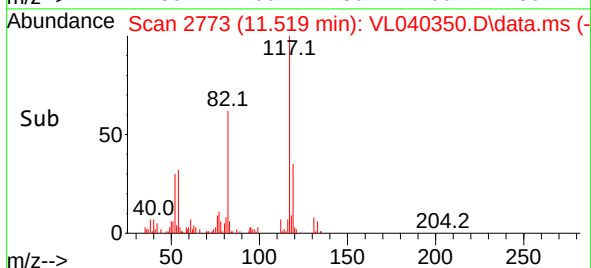
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

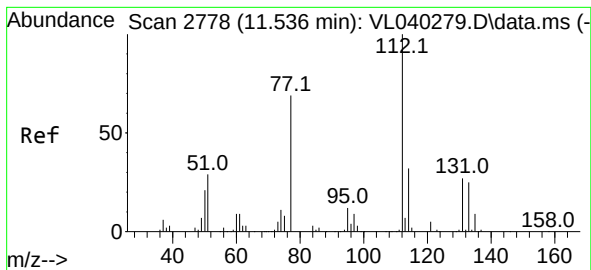


#56
1,1,1,2-Tetrachloroethane
Concen: 0.096 ppbv m
RT: 11.519 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



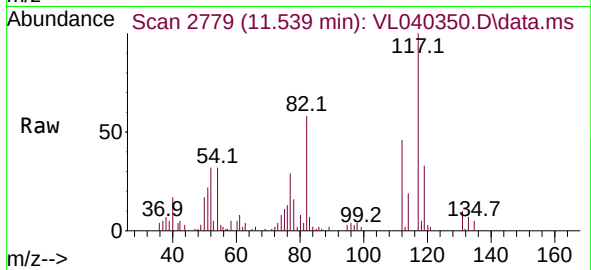
Tgt Ion:131 Resp: 8555
Ion Ratio Lower Upper
131 100
133 0.0 76.5 114.7#
119 0.0 47.9 71.9#





#57
Chlorobenzene
Concen: 0.103 ppbv m
RT: 11.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

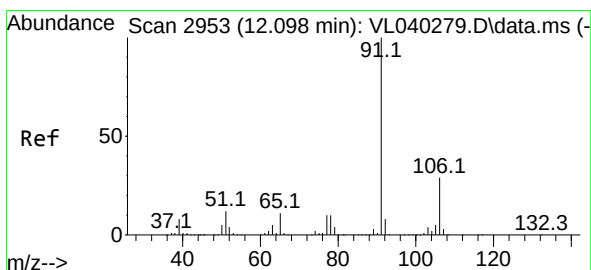
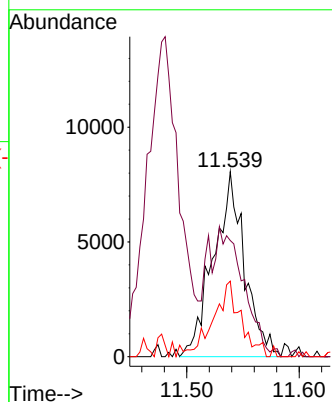
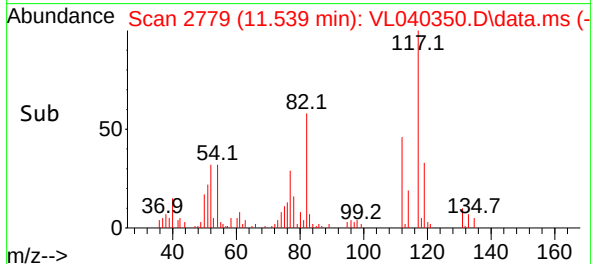
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion:112 Resp: 1550
Ion Ratio Lower Upper
112 100
77 62.7 56.2 84.2
114 40.8 29.0 35.4

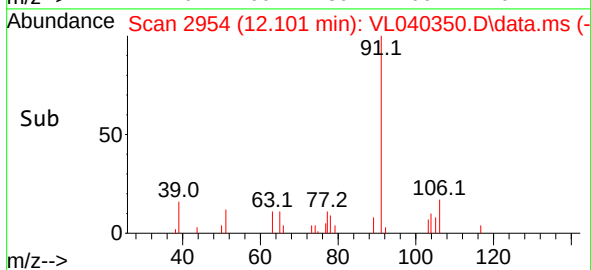
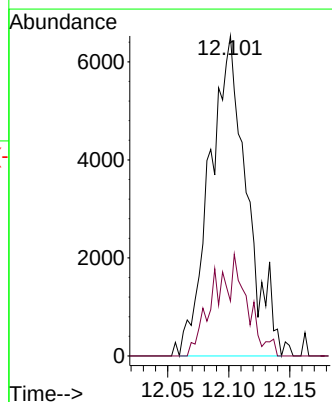
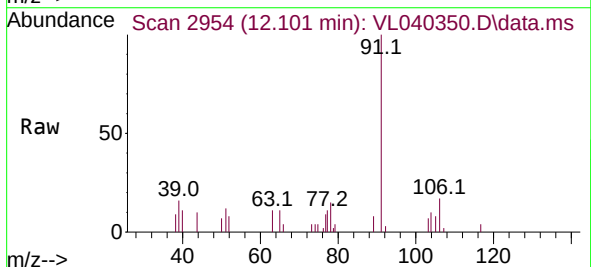
Manual Integrations
APPROVED

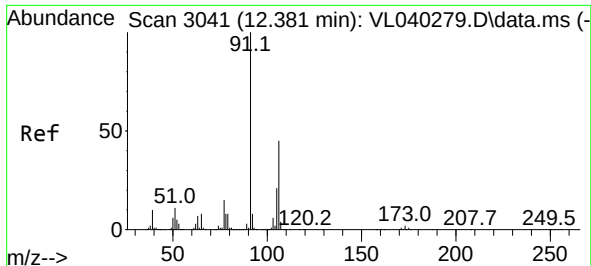
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#58
Ethyl Benzene
Concen: 0.057 ppbv m
RT: 12.101 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion: 91 Resp: 13770
Ion Ratio Lower Upper
91 100
106 17.1 23.4 35.2#





#59

m/p-Xylene

Concen: 0.094 ppbv m

RT: 12.355 min Scan# 3041

Delta R.T. -0.026 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

Tgt Ion: 91 Resp: 2089

Ion Ratio Lower Upper

91 100

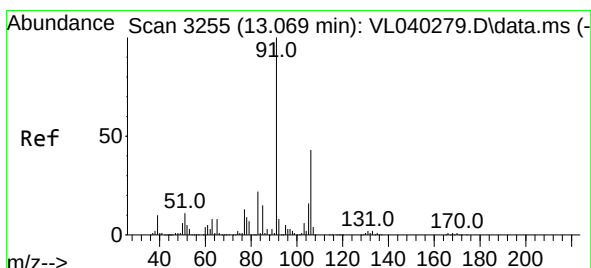
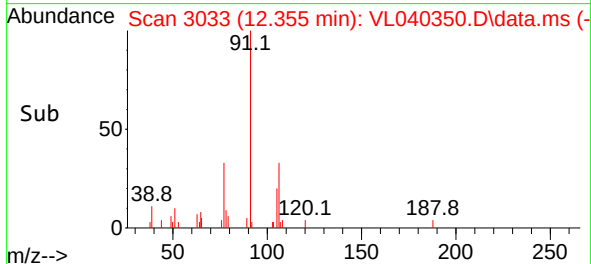
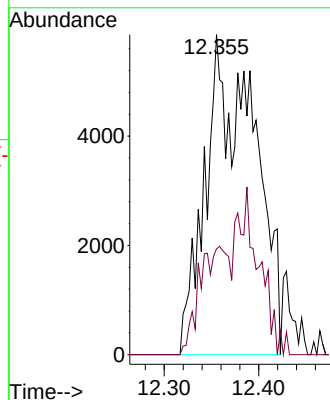
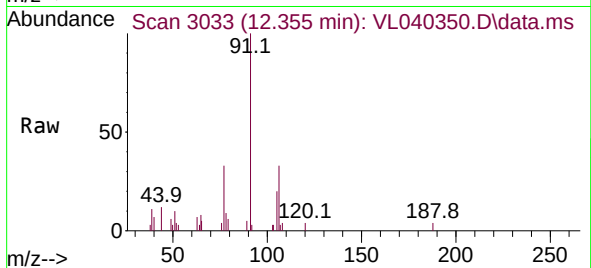
106 0.0 34.0 51.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023

Supervised By :Mahesh Dadoda 04/13/2023



#60

o-Xylene

Concen: 0.047 ppbv m

RT: 13.066 min Scan# 3254

Delta R.T. -0.003 min

Lab File: VL040350.D

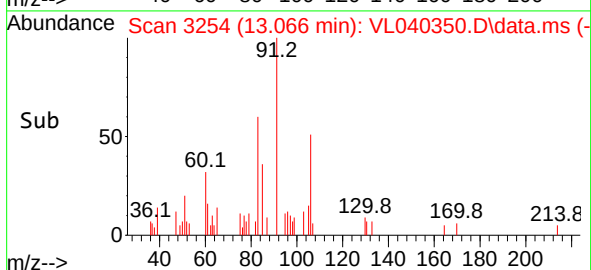
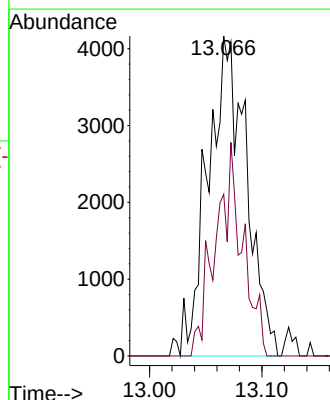
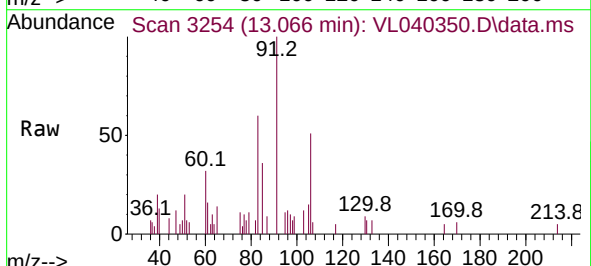
Acq: 13 Apr 2023 00:02

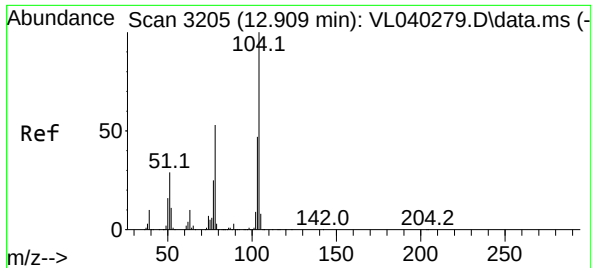
Tgt Ion: 91 Resp: 9914

Ion Ratio Lower Upper

91 100

106 46.6 21.7 65.1





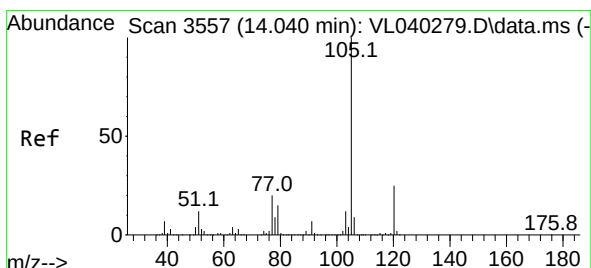
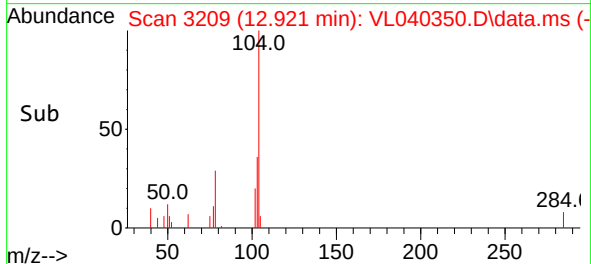
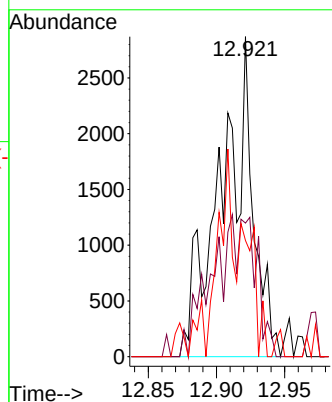
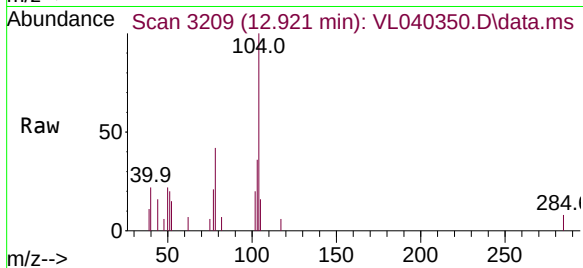
#61
Styrene
Concen: 0.043 ppbv m
RT: 12.921 min Scan# 31
Delta R.T. 0.012 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion:104 Resp: 4678
Ion Ratio Lower Upper
104 100
78 61.2 43.7 65.5
103 56.0 37.4 56.2

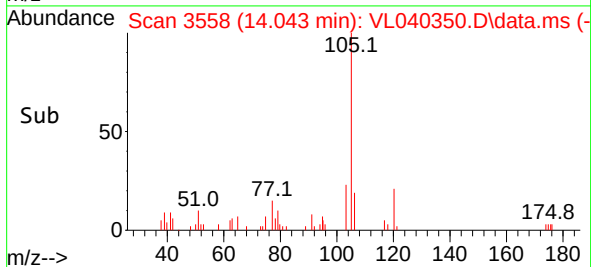
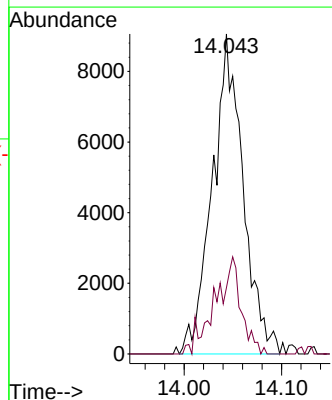
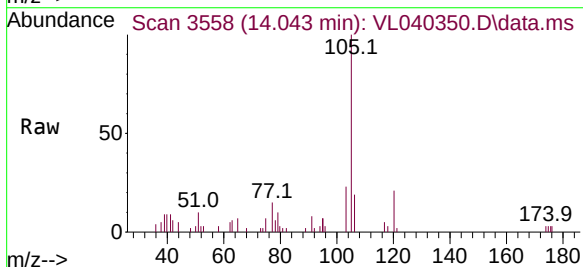
Manual Integrations
APPROVED

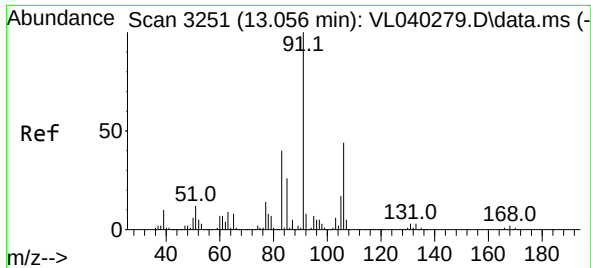
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#62
Isopropylbenzene
Concen: 0.066 ppbv m
RT: 14.043 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

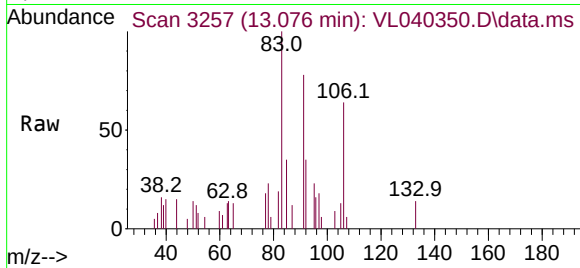
Tgt Ion:105 Resp: 19789
Ion Ratio Lower Upper
105 100
120 25.9 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 0.102 ppbv m
RT: 13.076 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

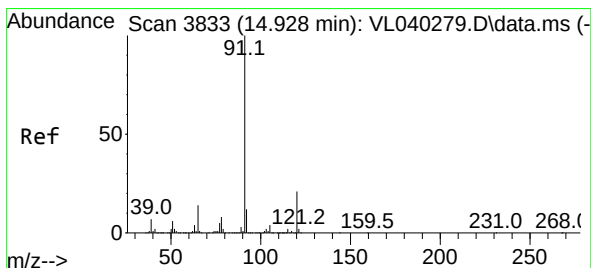
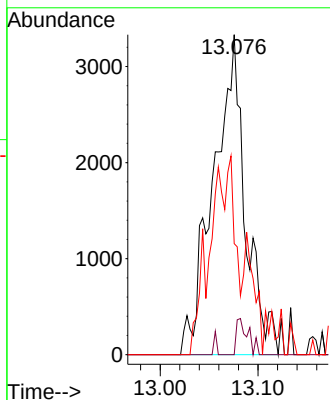
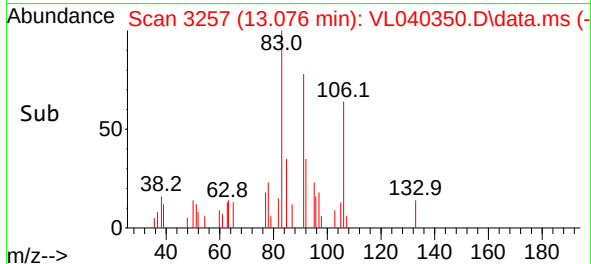
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



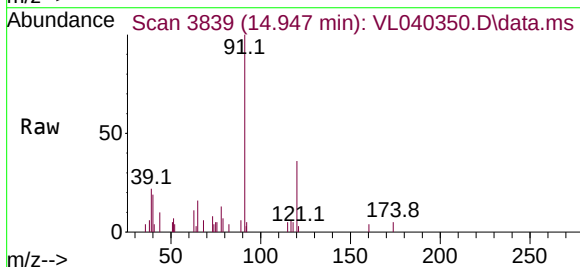
Tgt Ion: 83 Resp: 758
Ion Ratio Lower Upper
83 100
131 0.6 4.3 12.9
85 0.0 32.7 98.1

Manual Integrations
APPROVED

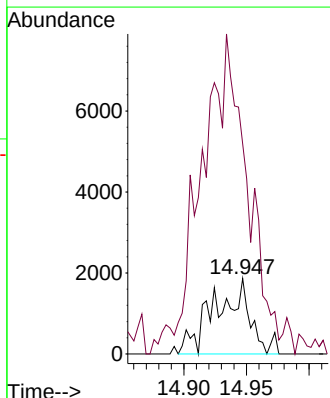
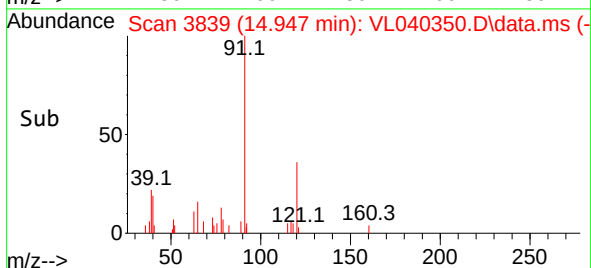
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

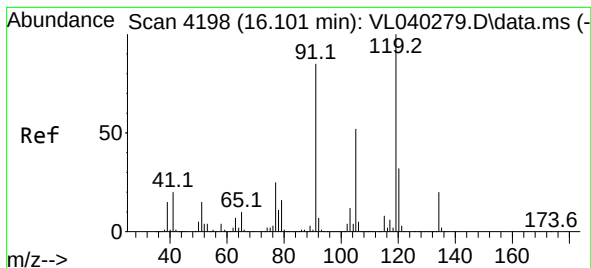


#64
n-propylbenzene
Concen: 0.050 ppbv m
RT: 14.947 min Scan# 3839
Delta R.T. 0.019 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



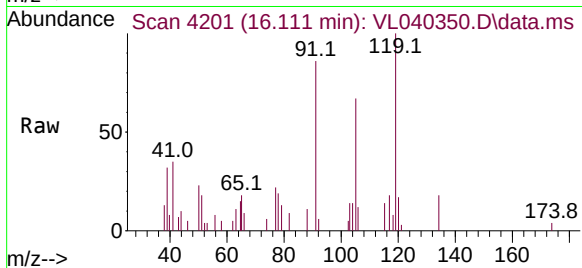
Tgt Ion:120 Resp: 3682
Ion Ratio Lower Upper
120 100
91 0.0 399.0 598.6





#65
tert-Butylbenzene
Concen: 0.050 ppbv m
RT: 16.111 min Scan# 4198
Delta R.T. 0.010 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

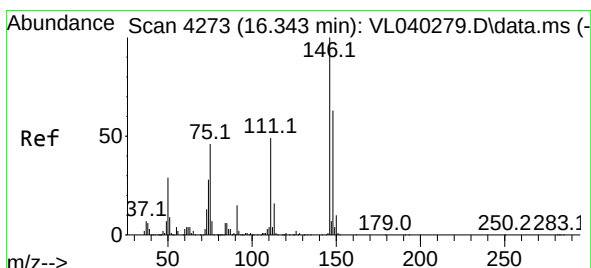
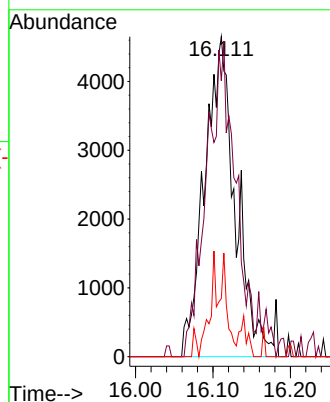
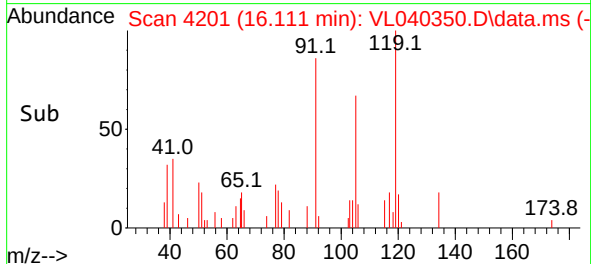
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



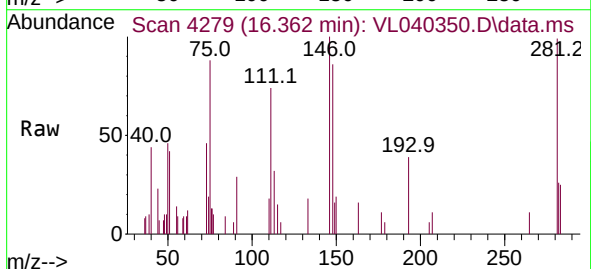
Tgt Ion: 119 Resp: 1302
Ion Ratio Lower Upper
119 100
91 98.3 69.4 104.2
134 15.0 15.8 23.6

Manual Integrations
APPROVED

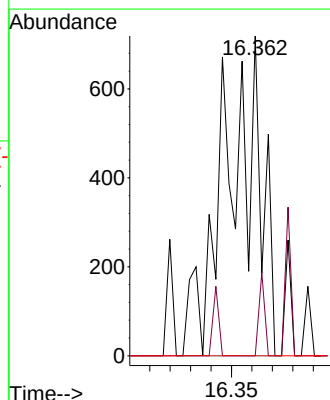
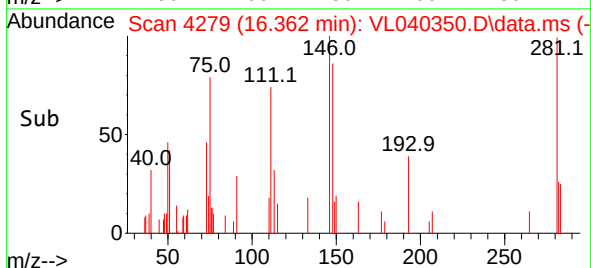
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023

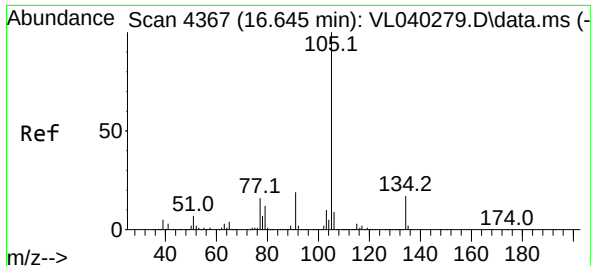


#66
Benzyl Chloride
Concen: 0.051 ppbv m
RT: 16.362 min Scan# 4279
Delta R.T. 0.019 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02



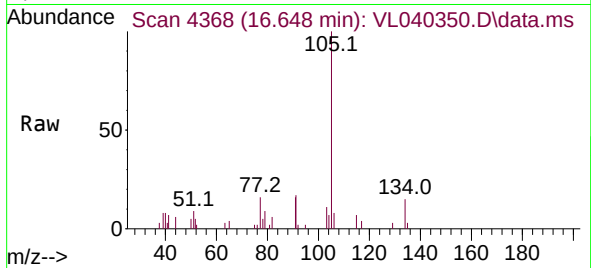
Tgt Ion: 91 Resp: 860
Ion Ratio Lower Upper
91 100
126 0.0 12.1 18.1#
128 0.0 3.8 5.6#





#67
 sec-Butylbenzene
 Concen: 0.053 ppbv m
 RT: 16.648 min Scan# 4367
 Delta R.T. 0.003 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

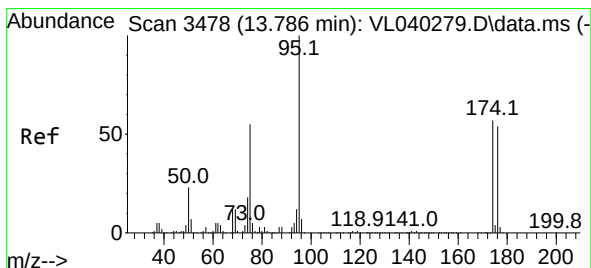
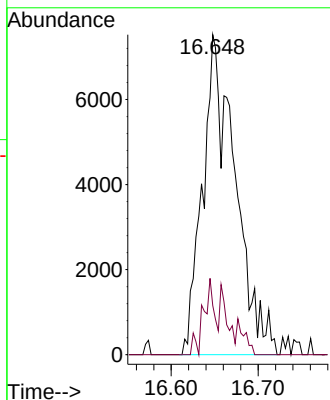
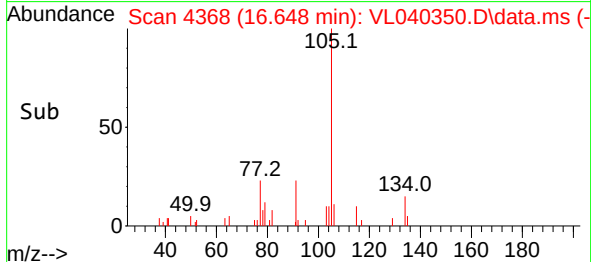
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT2-2023



Tgt Ion: 105 Resp: 1958
 Ion Ratio Lower Upper
 105 100
 134 15.9 14.0 21.0

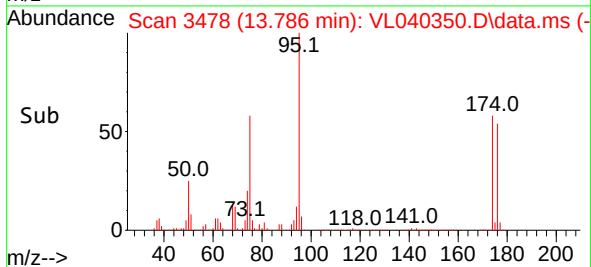
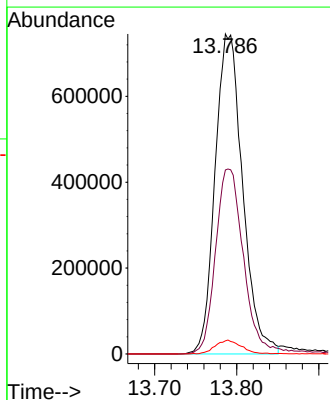
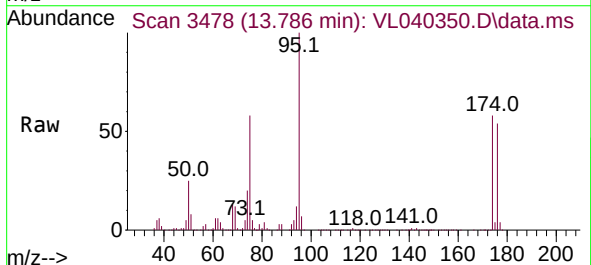
Manual Integrations
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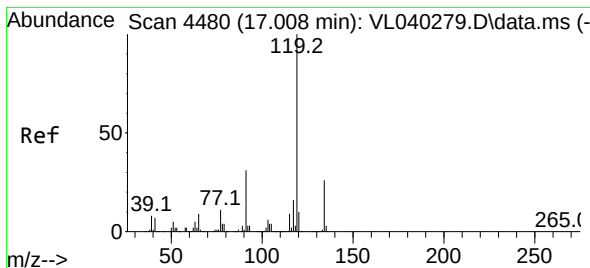
Reviewed By : Semsettin Yesilyurt 04/13/2023
 Supervised By : Mahesh Dadoda 04/13/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.781 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.000 min
 Lab File: VL040350.D
 Acq: 13 Apr 2023 00:02

Tgt Ion: 95 Resp: 1741099
 Ion Ratio Lower Upper
 95 100
 174 59.4 47.0 70.6
 175 4.2 3.4 5.2





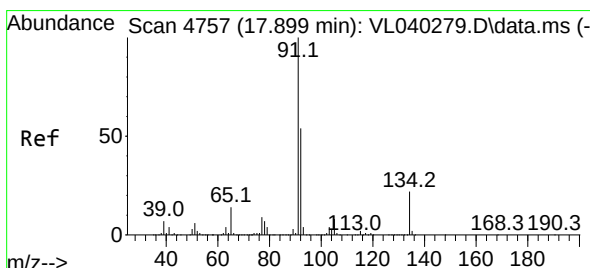
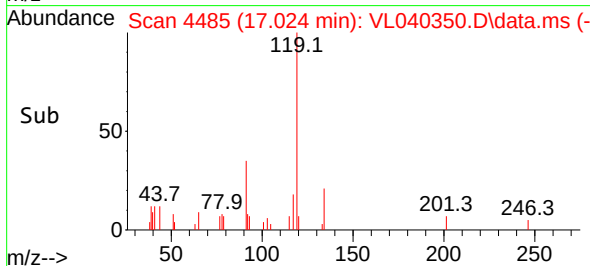
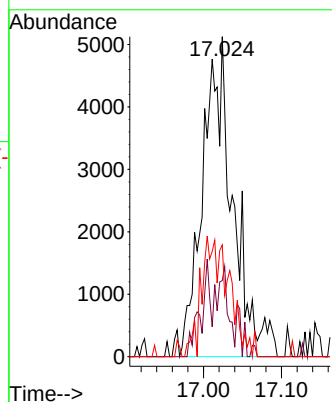
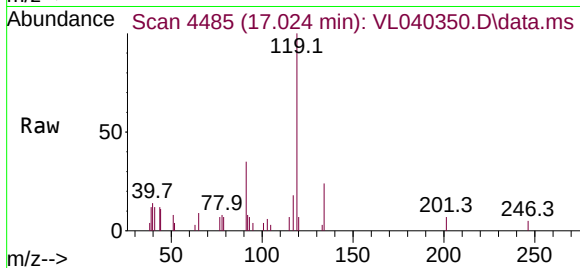
#69
p-Isopropyltoluene
Concen: 0.047 ppbv m
RT: 17.024 min Scan# 4480
Delta R.T. 0.016 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 119 Resp: 1366
Ion Ratio Lower Upper
119 100
134 24.3 20.2 30.2
91 35.7 25.1 37.7

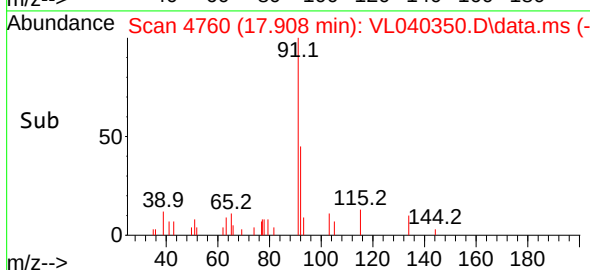
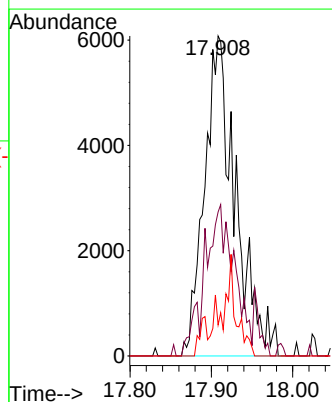
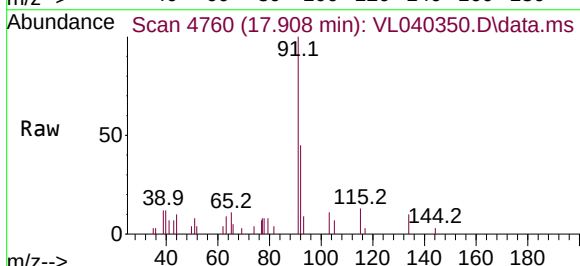
Manual Integrations
APPROVED

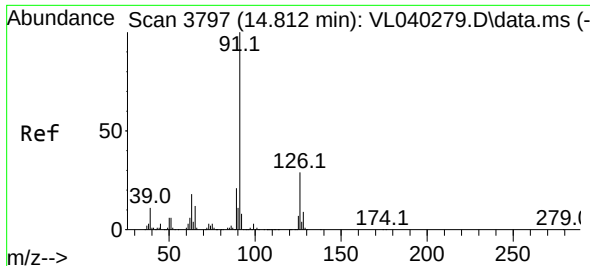
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#70
n-Butylbenzene
Concen: 0.050 ppbv m
RT: 17.908 min Scan# 4760
Delta R.T. 0.009 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion: 91 Resp: 16052
Ion Ratio Lower Upper
91 100
92 49.9 42.9 64.3
134 0.0 16.8 25.2#





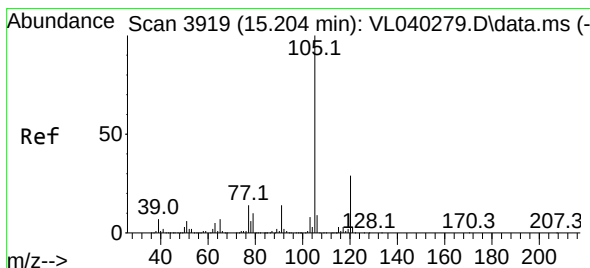
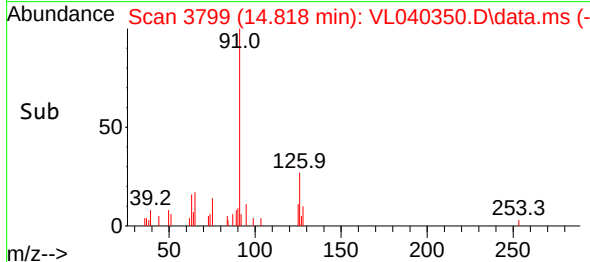
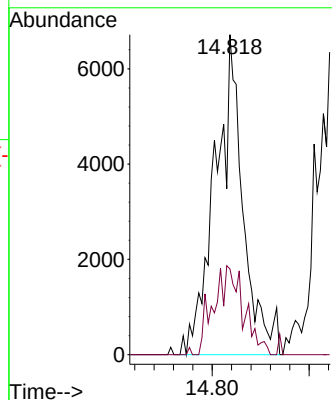
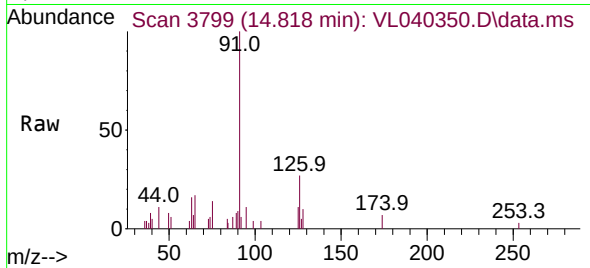
#71
2-Chlorotoluene
Concen: 0.059 ppbv m
RT: 14.818 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion: 91 Resp: 1349
Ion Ratio Lower Upper
91 100
126 0.0 11.8 47.4#

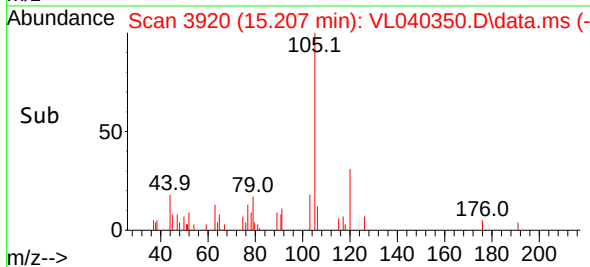
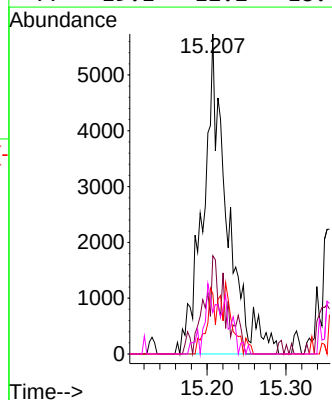
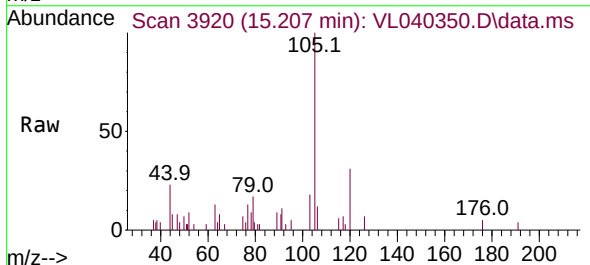
Manual Integrations
APPROVED

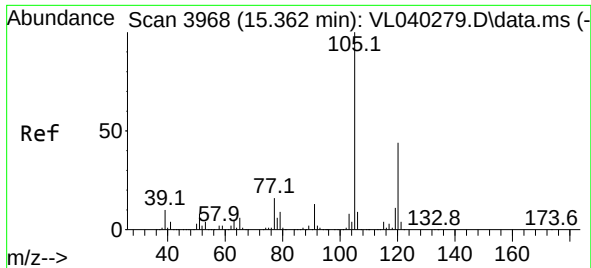
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#72
4-Ethyltoluene
Concen: 0.052 ppbv m
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

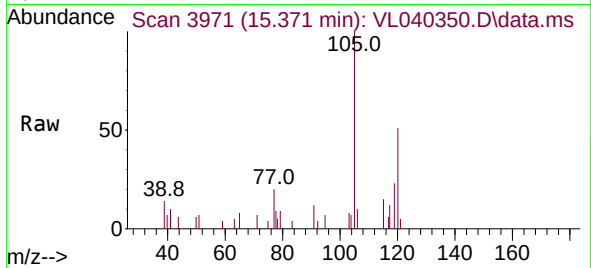
Tgt Ion:105 Resp: 12040
Ion Ratio Lower Upper
105 100
120 26.5 23.7 35.5
91 0.0 11.6 17.4#
77 19.1 12.2 18.4#





#73
1,3,5-Trimethylbenzene
Concen: 0.047 ppbv m
RT: 15.371 min Scan# 3968
Delta R.T. 0.009 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

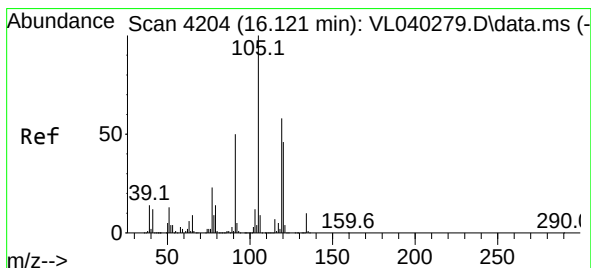
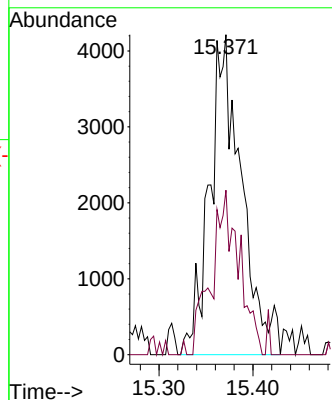
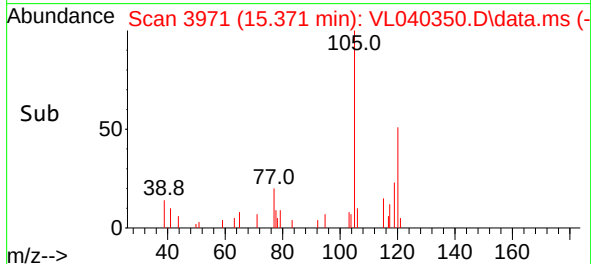
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion:105 Resp: 995
Ion Ratio Lower Upper
105 100
120 51.4 34.9 52.3

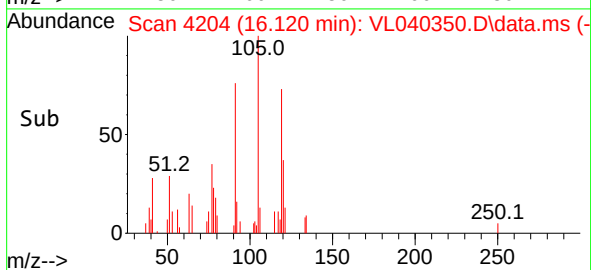
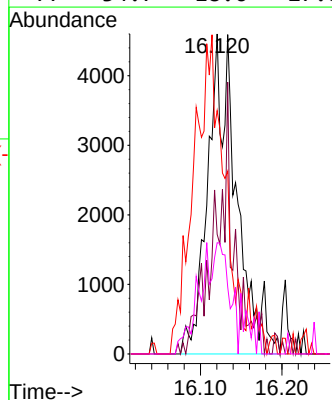
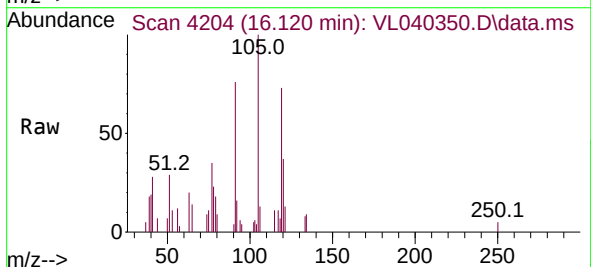
Manual Integrations
APPROVED

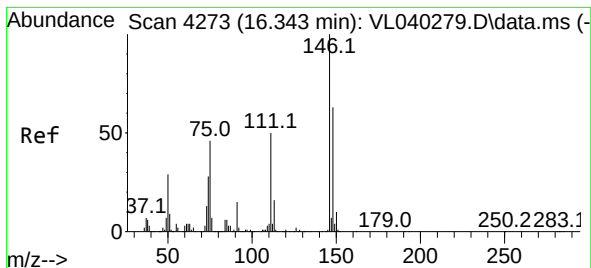
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#74
1,2,4-Trimethylbenzene
Concen: 0.047 ppbv m
RT: 16.120 min Scan# 4204
Delta R.T. -0.001 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion:105 Resp: 11239
Ion Ratio Lower Upper
105 100
120 37.4 36.6 54.8
91 76.0 39.9 59.9#
77 34.7 18.6 27.8#





#75

1,3-Dichlorobenzene

Concen: 0.066 ppbv m

RT: 16.358 min Scan# 41

Delta R.T. 0.015 min

Lab File: VL040350.D

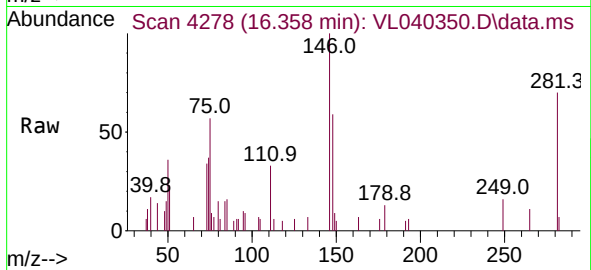
Acq: 13 Apr 2023 00:02

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT2-2023

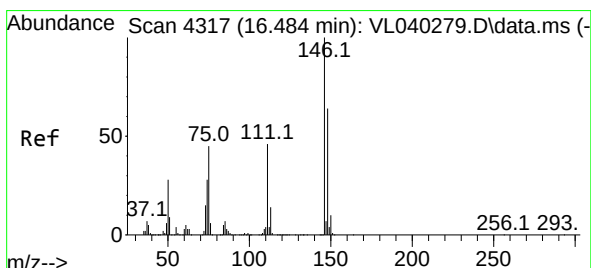
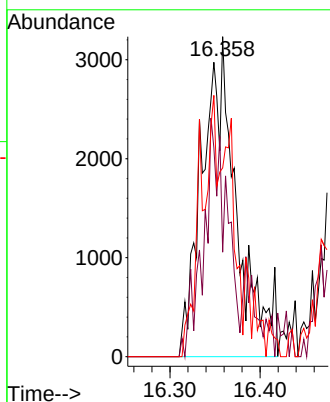
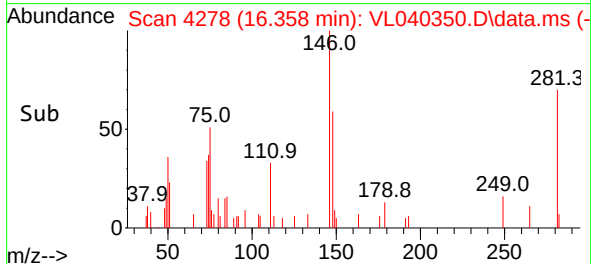


Tgt Ion:	146	Resp:	8584
Ion Ratio	Lower	Upper	
146	100		
111	65.6	24.3	73.0
148	78.6	31.9	95.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#76

1,4-Dichlorobenzene

Concen: 0.076 ppbv m

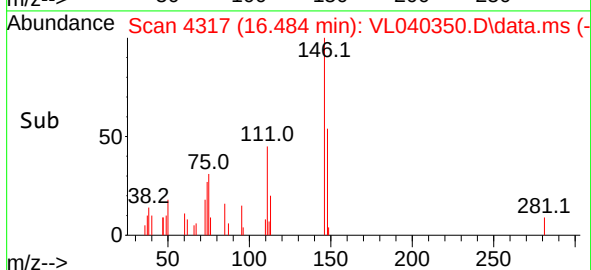
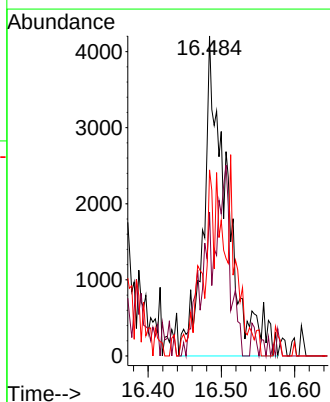
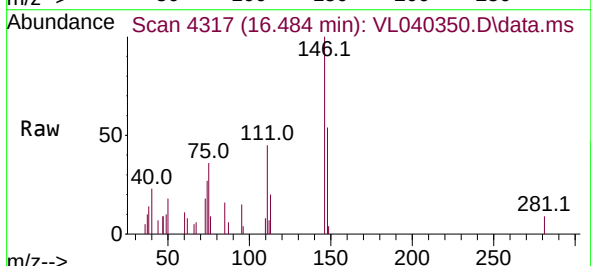
RT: 16.484 min Scan# 4317

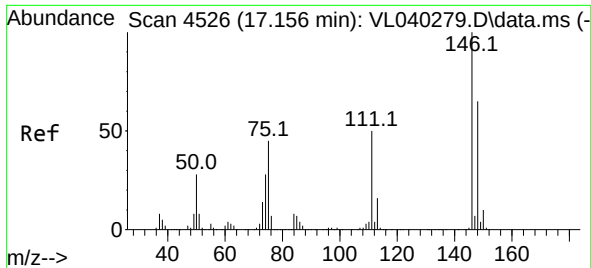
Delta R.T. -0.000 min

Lab File: VL040350.D

Acq: 13 Apr 2023 00:02

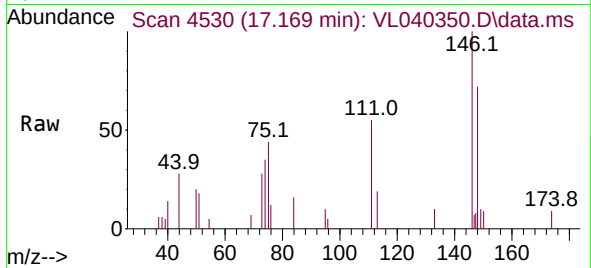
Tgt Ion:	146	Resp:	9431
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.8	71.2#
148	0.0	32.5	97.5#





#77
1,2-Dichlorobenzene
Concen: 0.063 ppbv m
RT: 17.169 min Scan# 4526
Delta R.T. 0.013 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

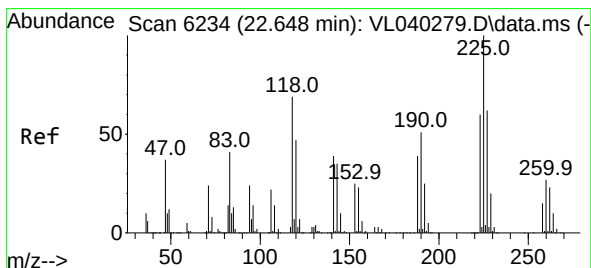
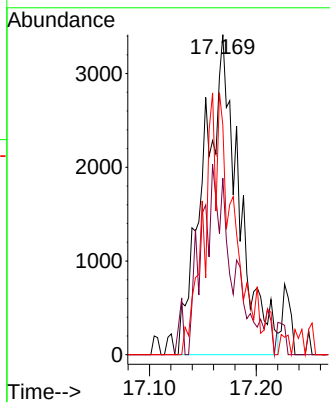
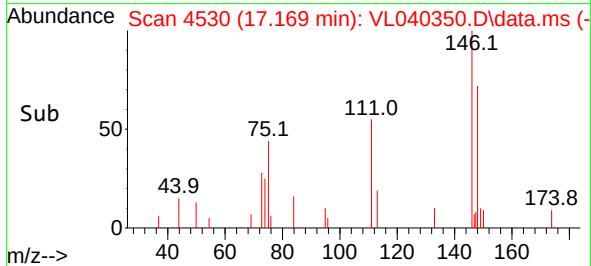
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023



Tgt Ion:146 Resp: 7875
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 0.0 32.1 96.3#

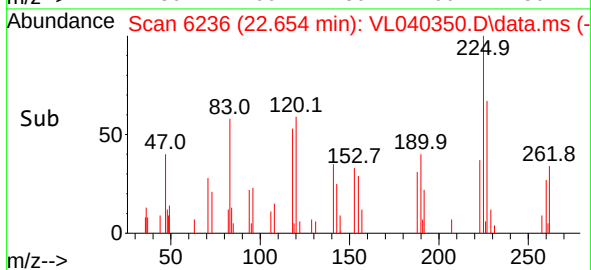
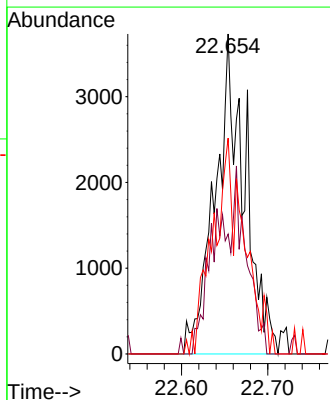
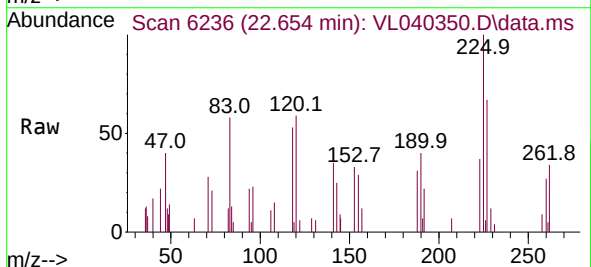
Manual Integrations
APPROVED

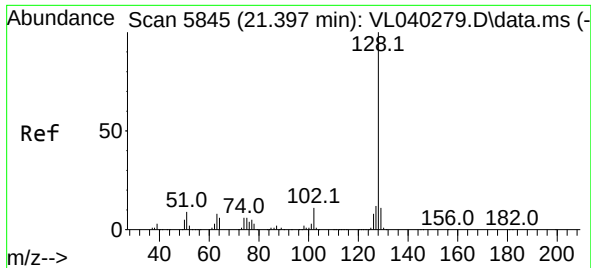
Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.098 ppbv m
RT: 22.654 min Scan# 6236
Delta R.T. 0.006 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion:225 Resp: 8916
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.4 77.2#





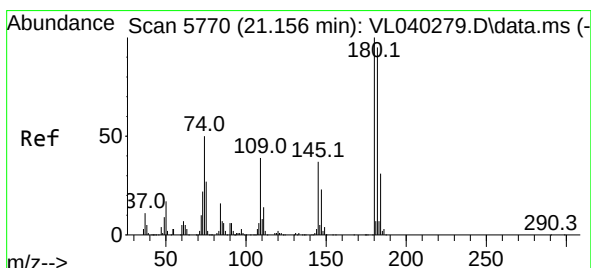
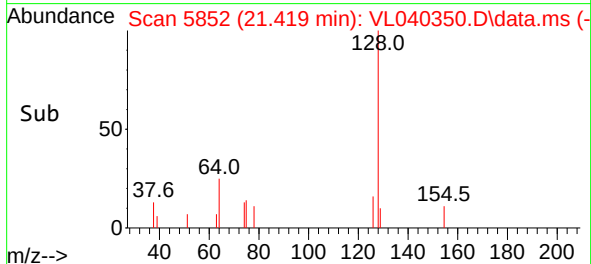
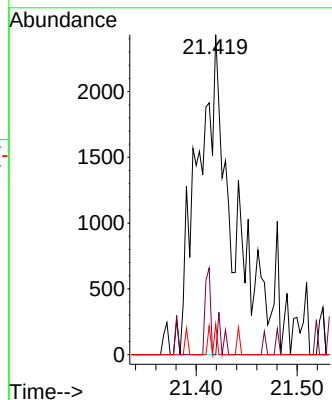
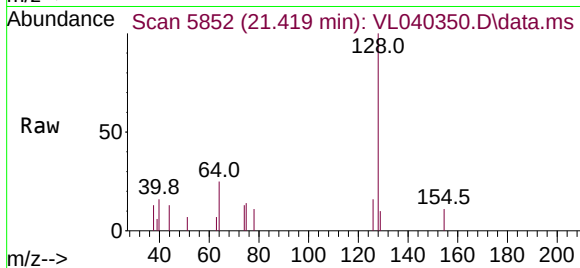
#79
Naphthalene
Concen: 0.043 ppbv m
RT: 21.419 min Scan# 5845
Delta R.T. 0.022 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT2-2023

Tgt Ion:128 Resp: 6104
Ion Ratio Lower Upper
128 100
127 0.0 9.6 14.4#
129 9.5 8.6 13.0#

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2023
Supervised By :Mahesh Dadoda 04/13/2023



#81
1,2,4-Trichlorobenzene
Concen: 0.054 ppbv m
RT: 21.156 min Scan# 5770
Delta R.T. -0.000 min
Lab File: VL040350.D
Acq: 13 Apr 2023 00:02

Tgt Ion:180 Resp: 4696
Ion Ratio Lower Upper
180 100
182 0.0 76.1 114.1#
184 0.0 24.4 36.6#

