

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082522\
 Data File : VL039582.D
 Acq On : 25 Aug 2022 17:41
 Operator : SY/AP
 Sample : N3980-15 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022

Quant Time: Aug 26 07:24:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 07:24:18 2022
 QLast Update : Fri Aug 26 06:05:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.205	49	979644	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2607991	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2173959	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1584199	9.659	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.748	85	16850	0.129	ppbv	100
3) Chlorodifluoromethane	2.690	51	11315	0.097	ppbv	95
4) Chloromethane	2.838	50	7477m	0.106	ppbv	
5) Vinyl Chloride	2.938	62	5595	0.099	ppbv #	88
6) Bromomethane	3.140	94	2852m	0.119	ppbv	
7) Chloroethane	3.214	64	2975m	0.140	ppbv	
8) Dichlorotetrafluoroethane	2.877	85	12751	0.091	ppbv #	82
9) Propene	2.719	41	13653m	0.256	ppbv	
10) Heptane	7.590	43	10271m	0.083	ppbv	
11) Trichlorofluoromethane	3.581	101	15286m	0.107	ppbv	
12) 1,1,2-Trichlorotrifluo...	4.089	101	12055m	0.114	ppbv	
13) Ethanol	3.269	45	2978m	0.776	ppbv	
14) Bromoethene	3.385	108	4383m	0.101	ppbv	
15) Acetone	3.507	43	20288	0.185	ppbv #	77
16) 1,3-Butadiene	3.002	39	5295	0.092	ppbv	91
17) tert-Butyl alcohol	3.922	59	9666m	0.103	ppbv	
18) 1,1-Dichloroethene	3.893	96	4543m	0.095	ppbv	
19) Isopropyl Alcohol	3.610	45	4778m	0.090	ppbv	
20) Methylene Chloride	3.951	84	89670m	2.011	ppbv	
21) Allyl Chloride	4.008	41	6832m	0.096	ppbv	
22) trans-1,2-Dichloroethene	4.459	96	4043m	0.085	ppbv	
23) Vinyl Acetate	4.652	43	5624m	0.108	ppbv	
24) 1,1-Dichloroethane	4.574	63	10269m	0.106	ppbv	
25) Ethyl Acetate	5.227	43	65448	0.279	ppbv #	85
26) Hexane	5.224	57	72010	0.751	ppbv #	48
27) Carbon Disulfide	4.134	76	9082m	0.089	ppbv	
28) Methyl tert-Butyl Ether	4.623	73	8284m	0.100	ppbv	
29) Chloroform	5.282	83	15880m	0.106	ppbv	
30) Cyclohexane	6.603	84	5198m	0.066	ppbv	
31) cis-1,2-Dichloroethene	5.092	61	9489m	0.102	ppbv	
32) 1,1,1-Trichloroethane	6.008	97	12047m	0.091	ppbv	
34) 2-Butanone	4.825	43	12846m	0.099	ppbv	
35) Carbon Tetrachloride	6.500	117	12892m	0.091	ppbv	
36) Benzene	6.378	78	17424m	0.088	ppbv	
37) 1,2-Dichloroethane	5.822	62	9691m	0.088	ppbv	
38) Trichloroethene	7.301	130	11253	0.106	ppbv #	56
39) 1,2-Dichloropropane	7.073	63	9616m	0.129	ppbv	
40) 1,4-Dioxane	7.368	88	3428m	0.117	ppbv	
41) Tetrahydrofuran	5.603	42	6298m	0.081	ppbv	
42) Bromodichloromethane	7.259	83	13602m	0.091	ppbv	
43) Methyl Methacrylate	7.504	69	4770m	0.067	ppbv	
44) 2,2,4-Trimethylpentane	7.343	57	26056m	0.078	ppbv	
45) t-1,3-Dichloropropene	8.709	75	3831m	0.061	ppbv	

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Manual Integrations
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Reviewed By :Mahesh Dadoda 08/29/2022
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL081722AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022

QLast Update : Fri Aug 26 06:05:16 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	6700m	0.077	ppbv	
47) 1,1,2-Trichloroethane	8.905	97	8398m	0.098	ppbv	
48) Dibromochloromethane	9.716	129	9948m	0.079	ppbv	
49) Bromoform	12.407	173	8134m	0.078	ppbv	
50) 4-Methyl-2-Pentanone	8.227	43	13849m	0.069	ppbv	
51) 2-Hexanone	9.590	43	9801m	0.066	ppbv	
52) Tetrachloroethene	10.622	164	7092m	0.094	ppbv	
53) Toluene	9.220	91	16651m	0.075	ppbv	
54) 1,2-Dibromoethane	10.008	107	8666m	0.091	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	10570m	0.120	ppbv	
57) Chlorobenzene	11.519	112	18840m	0.116	ppbv	
58) Ethyl Benzene	12.092	91	18529m	0.074	ppbv	
59) m/p-Xylene	12.381	91	30958m	0.138	ppbv	
60) o-Xylene	13.053	91	14352m	0.067	ppbv	
61) Styrene	12.899	104	7250m	0.063	ppbv	
62) Isopropylbenzene	14.031	105	29743m	0.091	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.053	83	11498m	0.113	ppbv	
64) n-propylbenzene	14.928	120	6215m	0.074	ppbv	
65) tert-Butylbenzene	16.101	119	22816m	0.079	ppbv	
66) Benzyl Chloride	16.362	91	2239m	0.095	ppbv	
67) sec-Butylbenzene	16.648	105	31985m	0.078	ppbv	
69) p-Isopropyltoluene	17.005	119	27318m	0.080	ppbv	
70) n-Butylbenzene	17.899	91	25206m	0.075	ppbv	
71) 2-Chlorotoluene	14.809	91	22026m	0.093	ppbv	
72) 4-Ethyltoluene	15.195	105	16748m	0.067	ppbv	
73) 1,3,5-Trimethylbenzene	15.362	105	16940m	0.074	ppbv	
74) 1,2,4-Trimethylbenzene	16.111	105	18644m	0.073	ppbv	
75) 1,3-Dichlorobenzene	16.326	146	17417m	0.112	ppbv	
76) 1,4-Dichlorobenzene	16.484	146	17428m	0.112	ppbv	
77) 1,2-Dichlorobenzene	17.153	146	19625m	0.129	ppbv	
78) Hexachloro-1,3-Butadiene	22.632	225	16175m	0.133	ppbv	
79) Naphthalene	21.400	128	19574m	0.107	ppbv	
80) Naphthalene,2-methyl-	24.410	142	3662m	0.049	ppbv	
81) 1,2,4-Trichlorobenzene	21.152	180	12950m	0.106	ppbv	

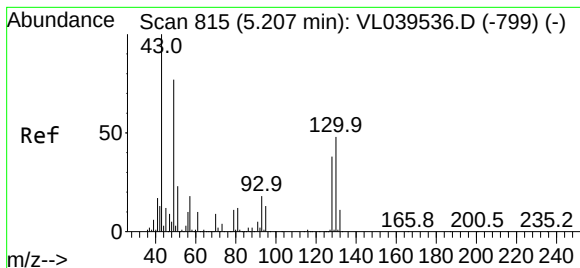
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Manual Integrations

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

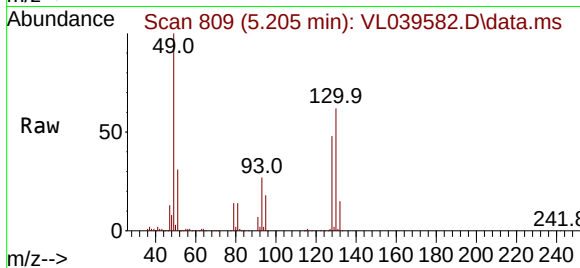
Abundance

TIC: VL039582.D\data.ms



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

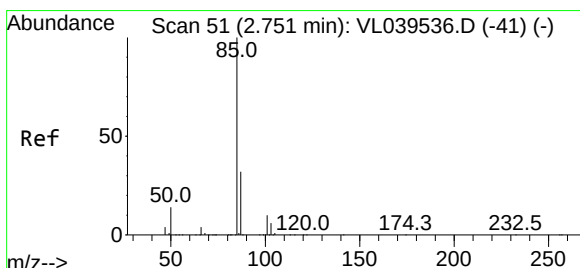
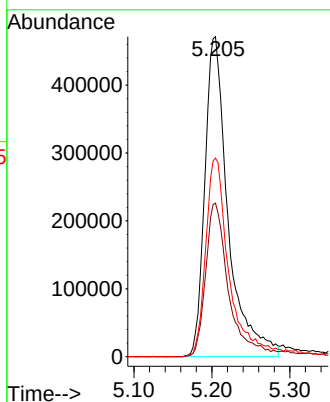
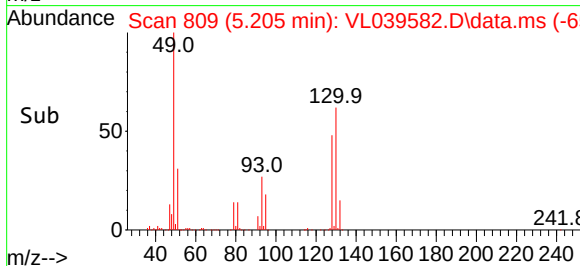
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 49 Resp: 979644
Ion Ratio Lower Upper
49 100
128 50.1 26.7 80.0
130 65.0 34.3 102.8

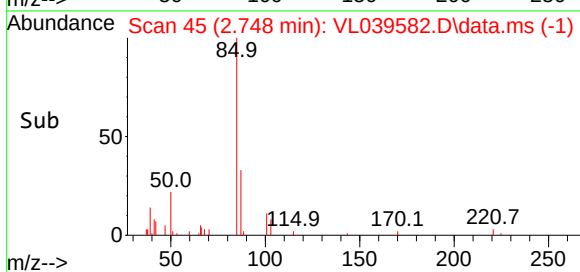
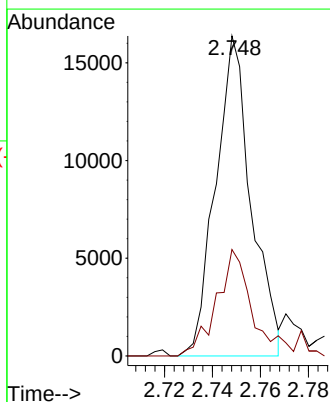
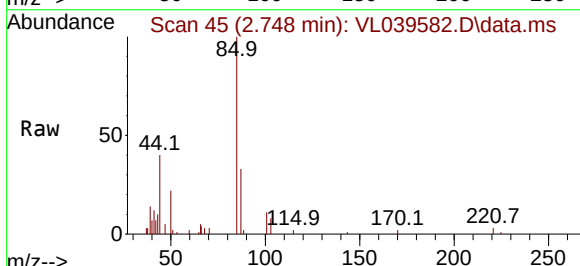
Manual Integrations
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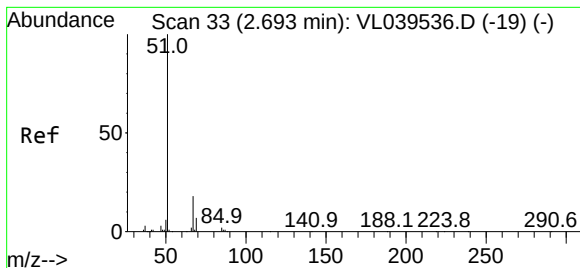
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#2
Dichlorodifluoromethane
Concen: 0.129 ppbv
RT: 2.748 min Scan# 45
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

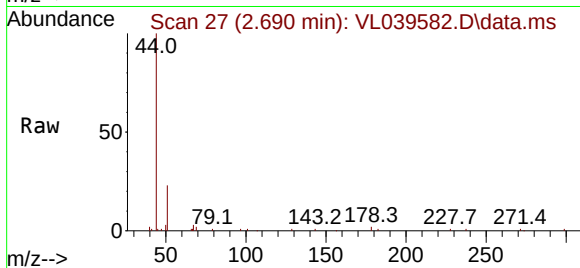
Tgt Ion: 85 Resp: 16850
Ion Ratio Lower Upper
85 100
87 33.2 26.7 40.1





#3
Chlorodifluoromethane
Concen: 0.097 ppbv
RT: 2.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

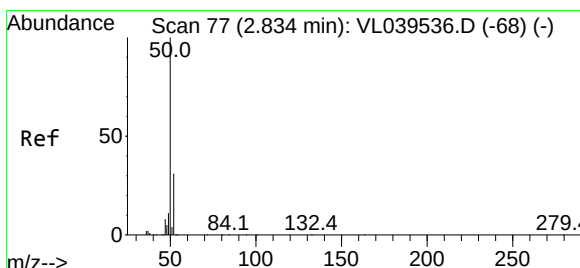
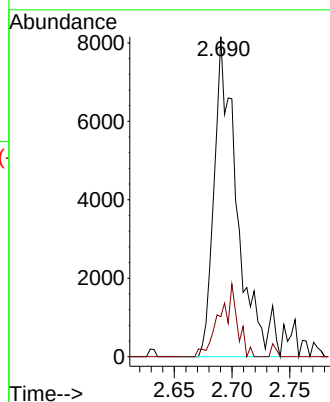
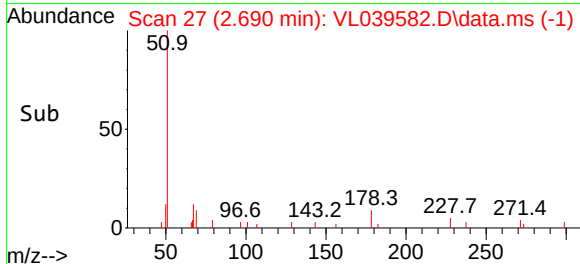
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 51 Resp: 1131
Ion Ratio Lower Upper
51 100
67 17.5 15.7 23.5

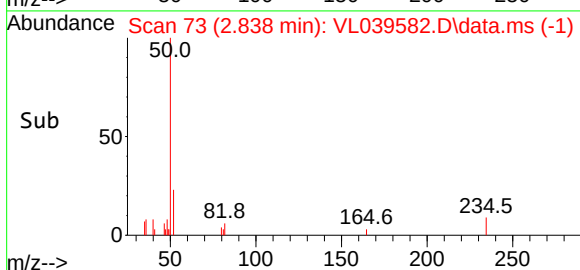
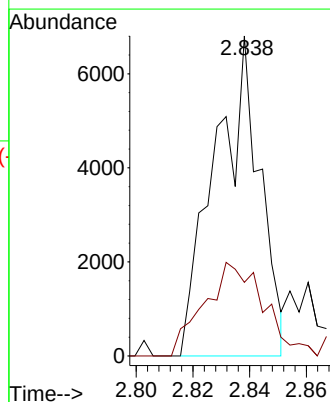
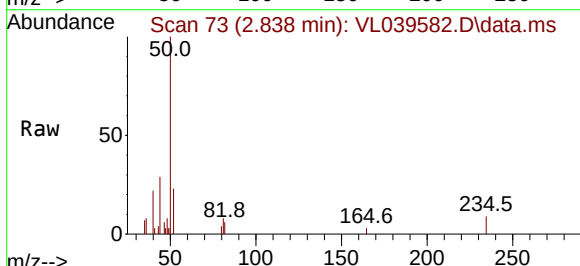
Manual Integrations
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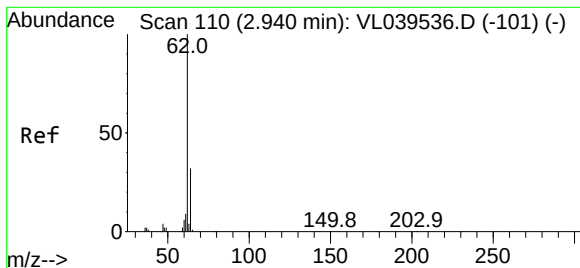
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#4
Chloromethane
Concen: 0.106 ppbv m
RT: 2.838 min Scan# 73
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

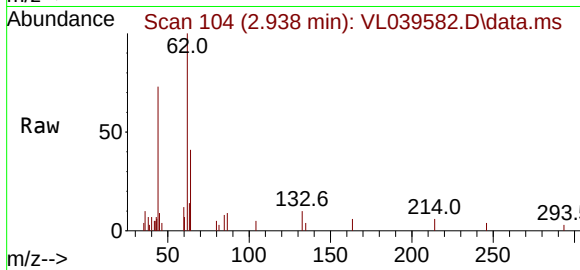
Tgt Ion: 50 Resp: 7477
Ion Ratio Lower Upper
50 100
52 23.0 26.5 39.7#





#5
 Vinyl Chloride
 Concen: 0.099 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. -0.003 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

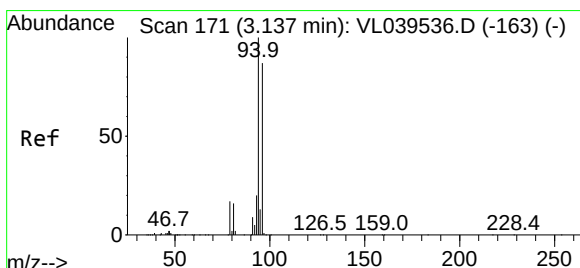
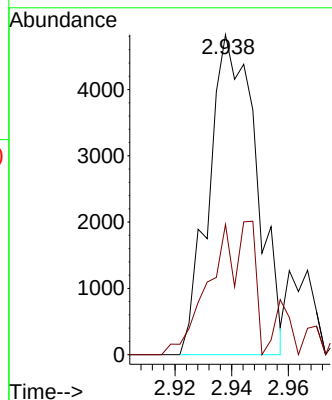
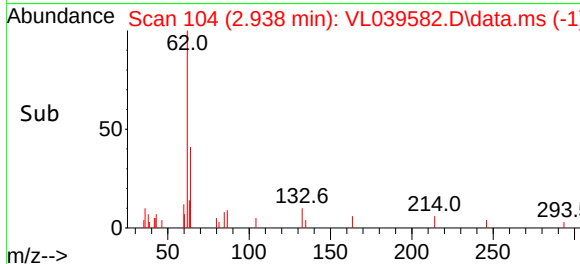
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 62 Resp: 559
 Ion Ratio Lower Upper
 62 100
 64 37.5 24.6 36.8

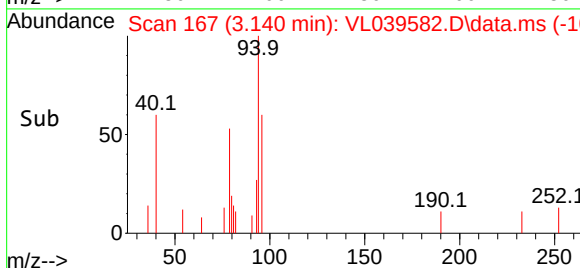
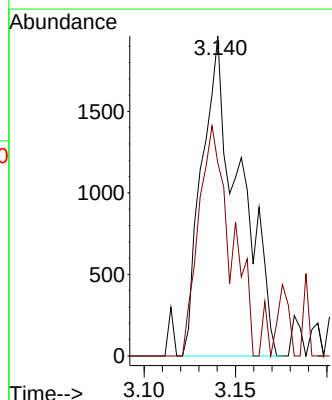
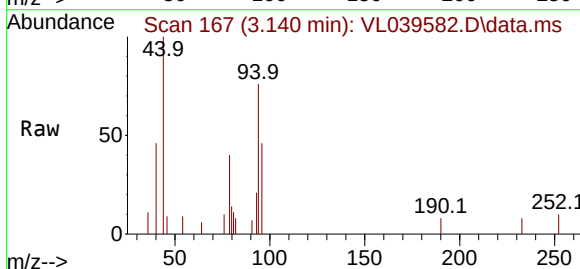
Manual Integrations
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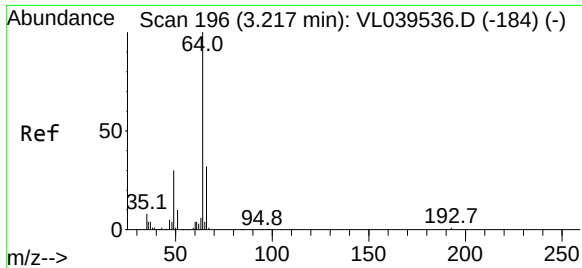
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#6
 Bromomethane
 Concen: 0.119 ppbv m
 RT: 3.140 min Scan# 167
 Delta R.T. 0.004 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

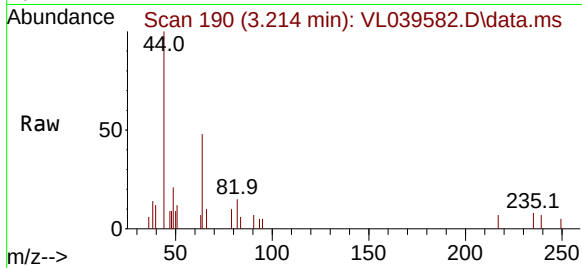
Tgt Ion: 94 Resp: 2852
 Ion Ratio Lower Upper
 94 100
 96 60.4 75.6 113.4





#7
Chloroethane
Concen: 0.140 ppbv m
RT: 3.214 min Scan# 196
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

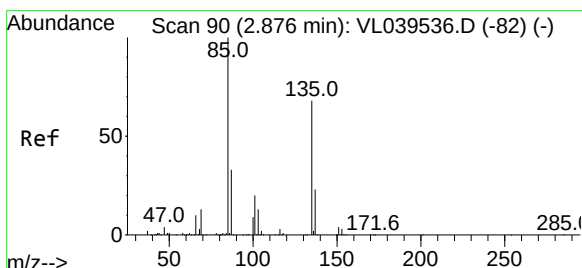
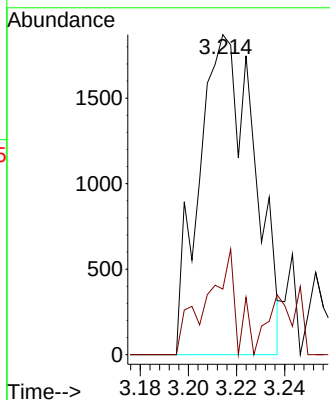
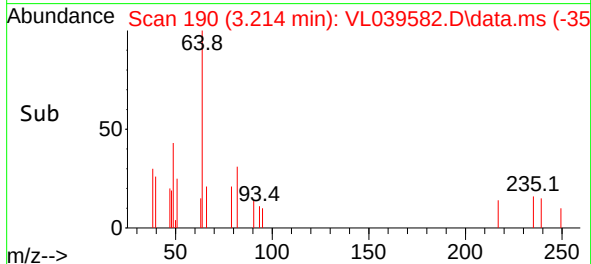
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



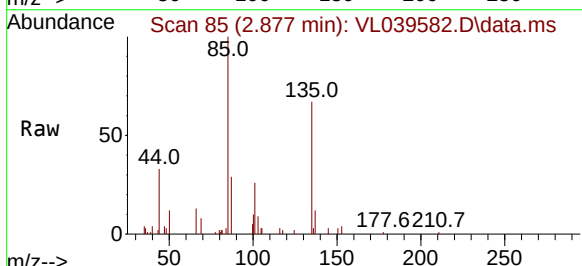
Tgt Ion: 64 Resp: 2975
Ion Ratio Lower Upper
64 100
66 20.5 24.7 37.1

Manual Integrations
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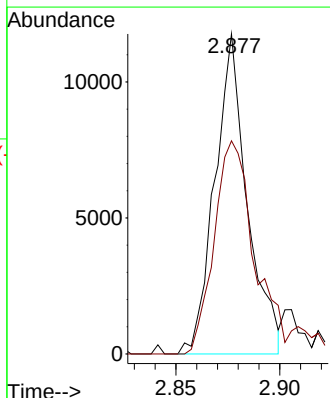
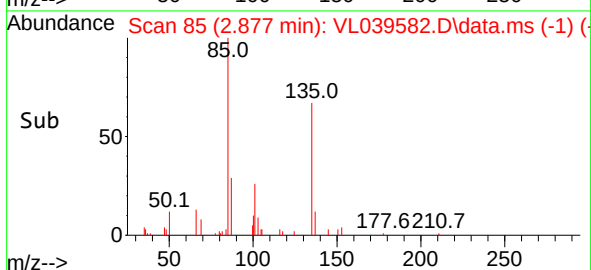
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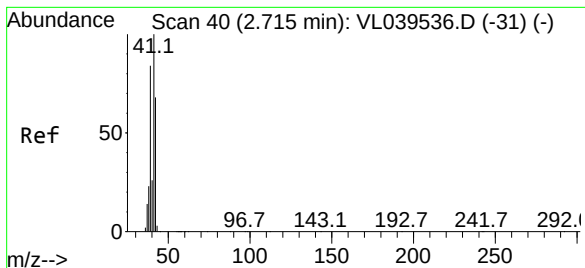


#8
Dichlorotetrafluoroethane
Concen: 0.091 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



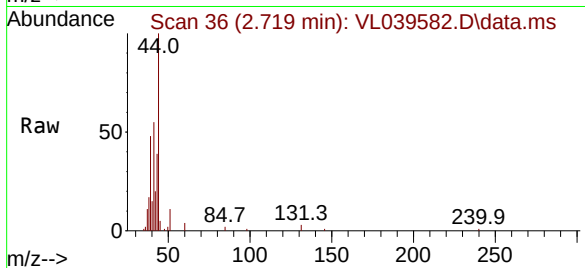
Tgt Ion: 85 Resp: 12751
Ion Ratio Lower Upper
85 100
135 89.0 59.0 88.4





#9
Propene
Concen: 0.256 ppbv m
RT: 2.719 min Scan# 30
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

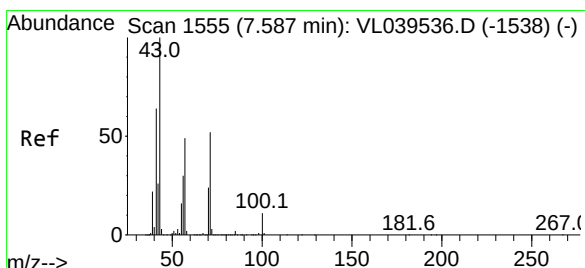
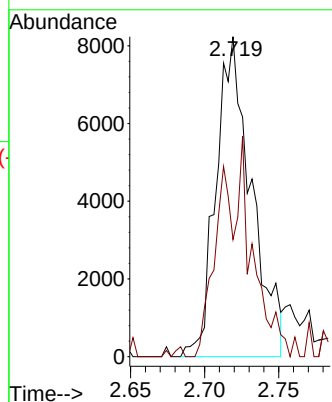
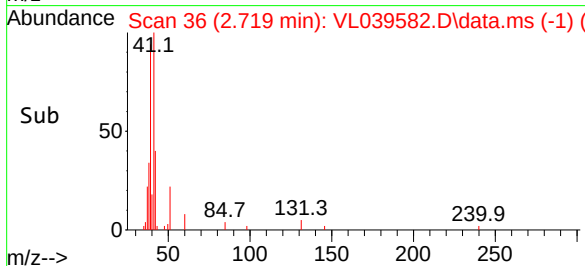
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



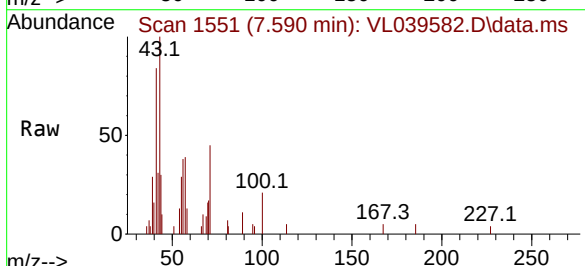
Tgt Ion: 41 Resp: 1365
Ion Ratio Lower Upper
41 100
42 0.0 55.2 82.8

Manual Integrations
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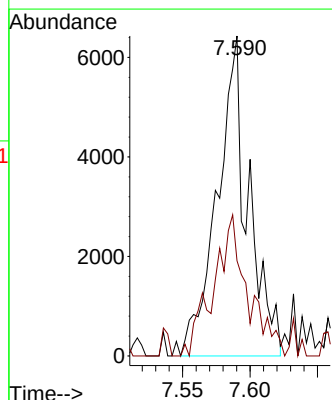
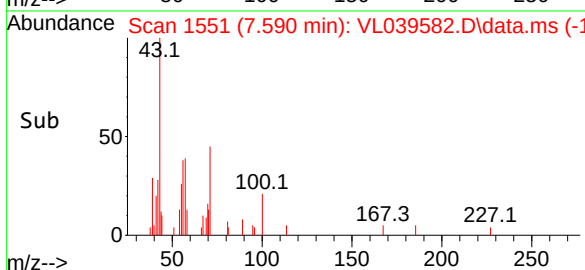
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

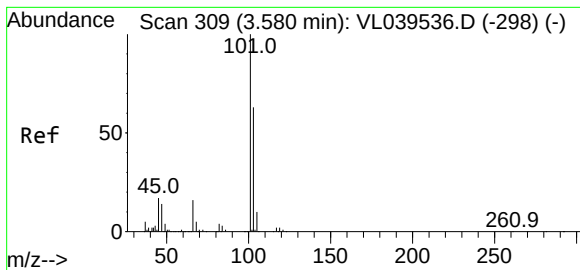


#10
Heptane
Concen: 0.083 ppbv m
RT: 7.590 min Scan# 1551
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



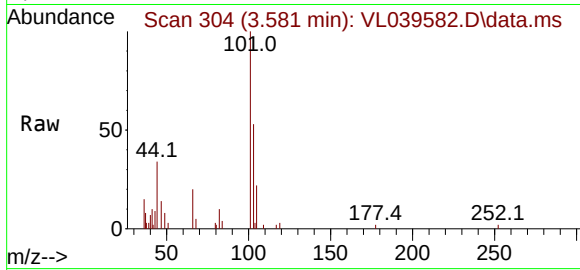
Tgt Ion: 43 Resp: 10271
Ion Ratio Lower Upper
43 100
57 50.8 40.5 60.7





#11
Trichlorofluoromethane
Concen: 0.107 ppbv m
RT: 3.581 min Scan# 309
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

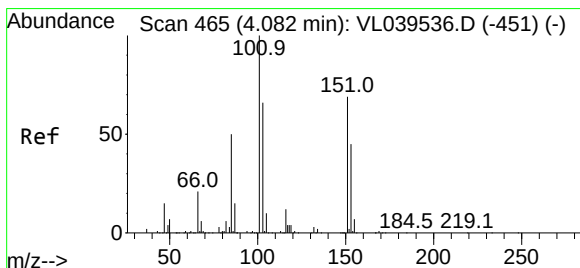
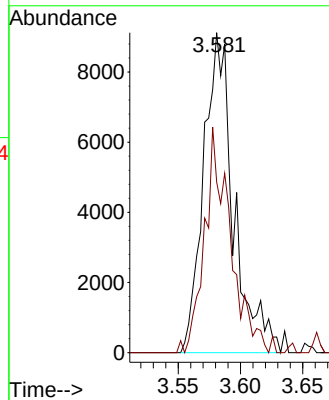
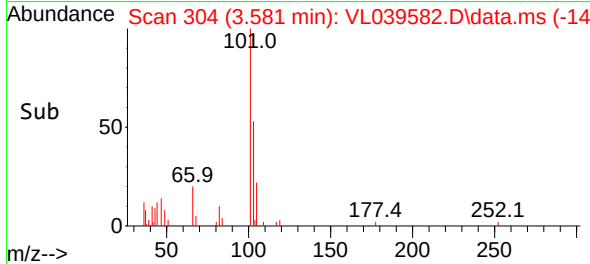
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:101 Resp: 15280
Ion Ratio Lower Upper
101 100
103 53.3 51.8 77.8

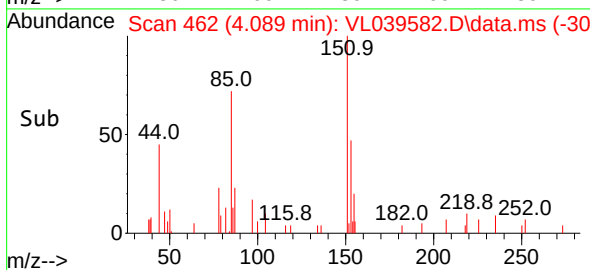
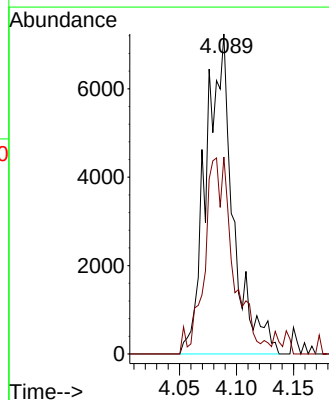
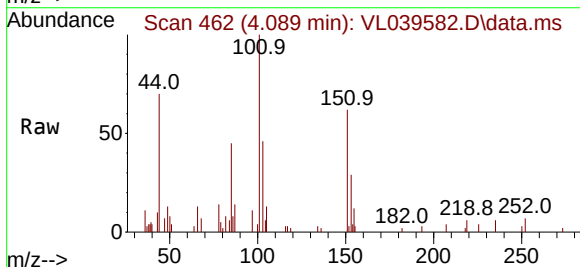
Manual Integrations
APPROVED

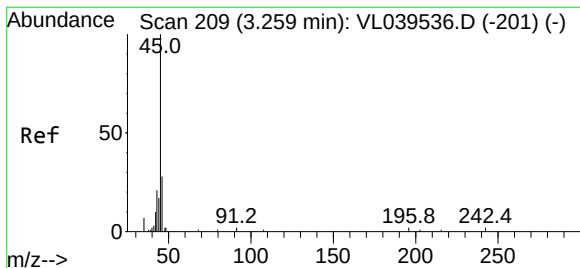
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.114 ppbv m
RT: 4.089 min Scan# 462
Delta R.T. 0.007 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

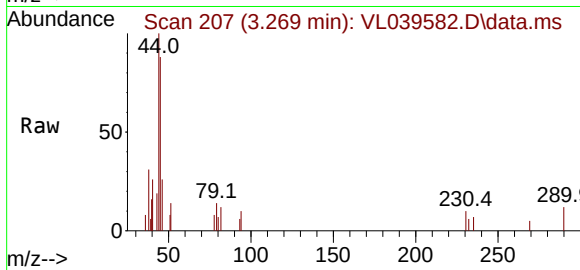
Tgt Ion:101 Resp: 12055
Ion Ratio Lower Upper
101 100
151 67.5 58.9 88.3





#13
Ethanol
Concen: 0.776 ppbv m
RT: 3.269 min Scan# 209
Delta R.T. 0.010 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

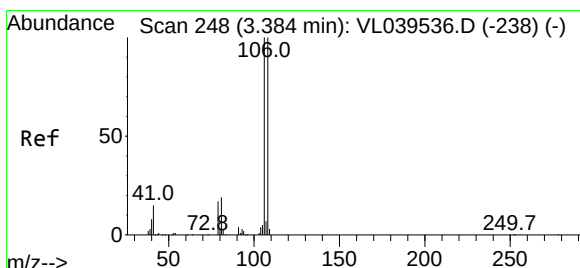
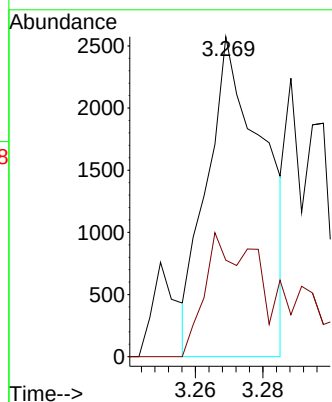
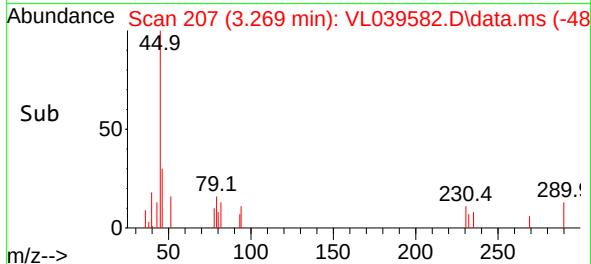
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



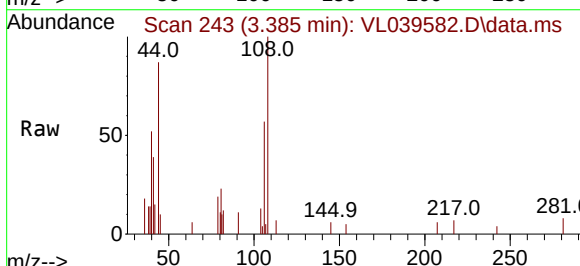
Tgt Ion: 45 Resp: 2978
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.25

Manual Integrations
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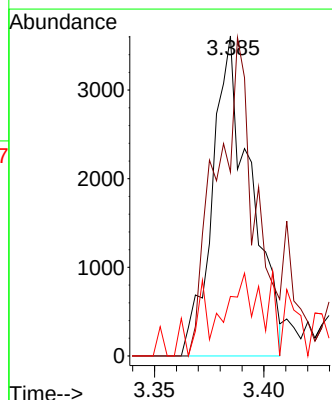
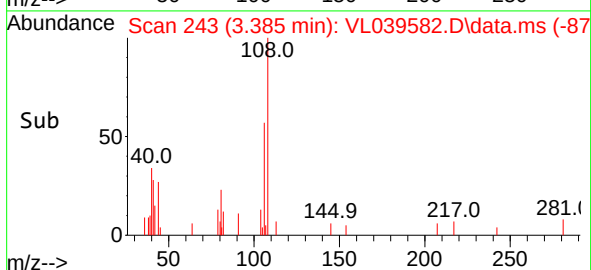
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

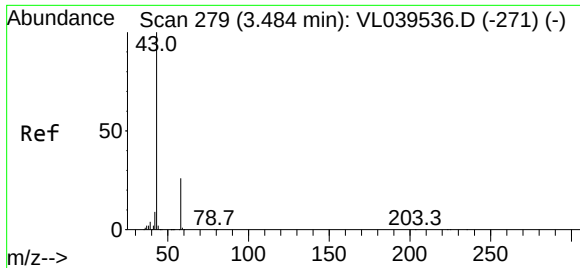


#14
Bromoethene
Concen: 0.101 ppbv m
RT: 3.385 min Scan# 243
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



Tgt Ion:108 Resp: 4383
Ion Ratio Lower Upper
108 100
106 118.3 87.1 130.7
79 0.0 14.6 22.0#





#15

Acetone

Concen: 0.185 ppbv

RT: 3.507 min Scan# 21

Delta R.T. 0.023 min

Lab File: VL039582.D

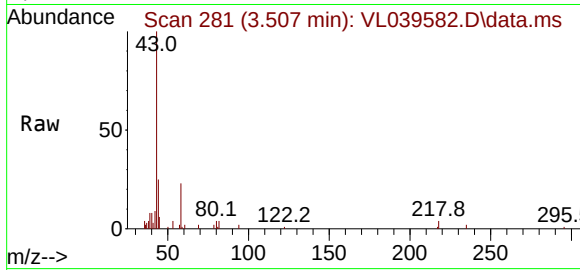
Acq: 25 Aug 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



Tgt Ion: 43 Resp: 2028

Ion Ratio Lower Upper

43 100

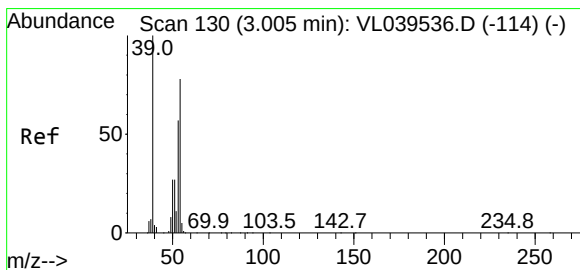
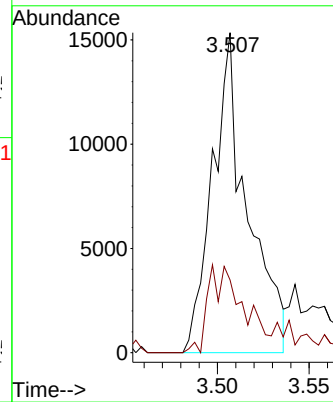
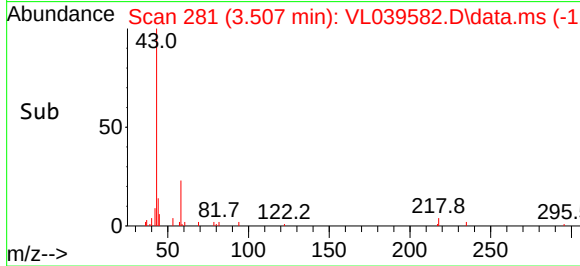
58 38.2 21.0 31.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#16

1,3-Butadiene

Concen: 0.092 ppbv

RT: 3.002 min Scan# 124

Delta R.T. -0.003 min

Lab File: VL039582.D

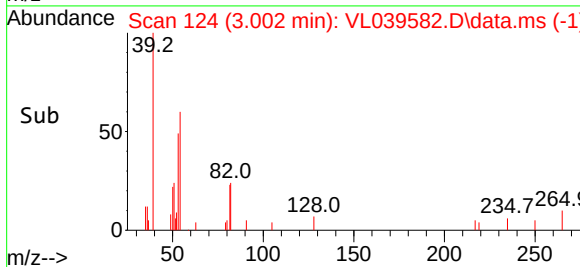
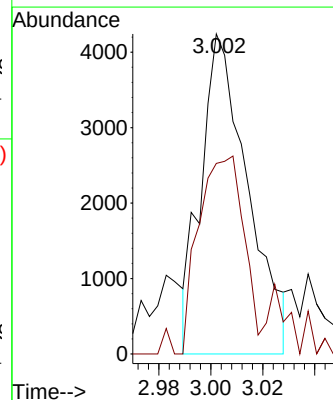
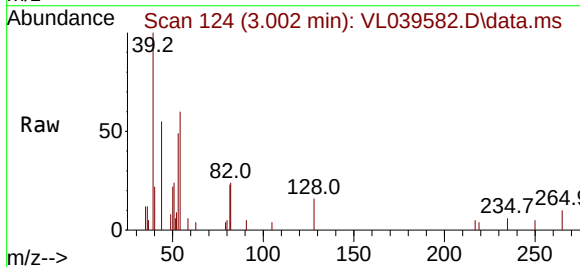
Acq: 25 Aug 2022 17:41

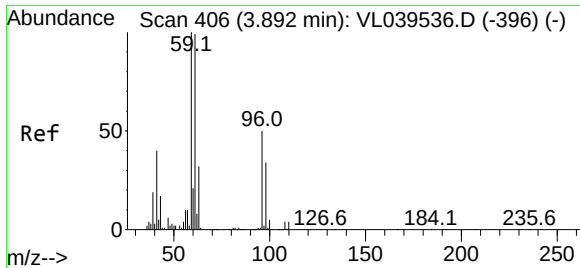
Tgt Ion: 39 Resp: 5295

Ion Ratio Lower Upper

39 100

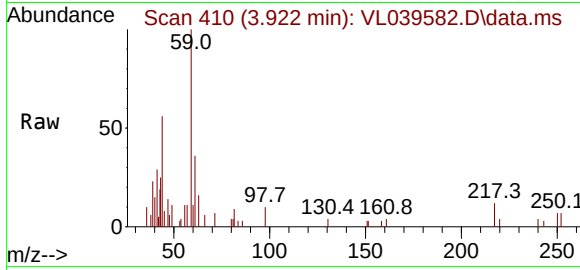
54 71.4 63.7 95.5





#17
tert-Butyl alcohol
Concen: 0.103 ppbv m
RT: 3.922 min Scan# 410
Delta R.T. 0.030 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

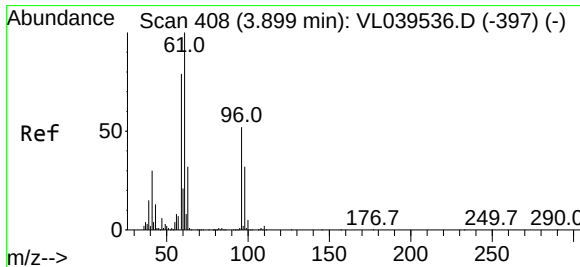
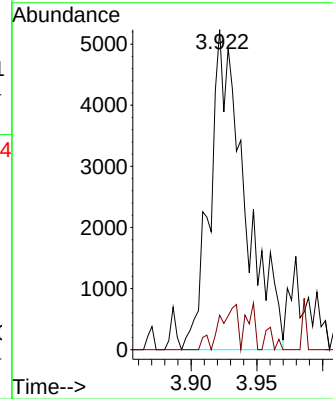
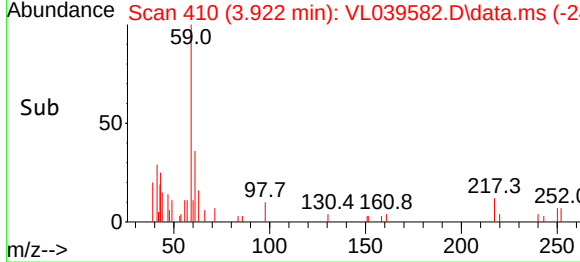
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



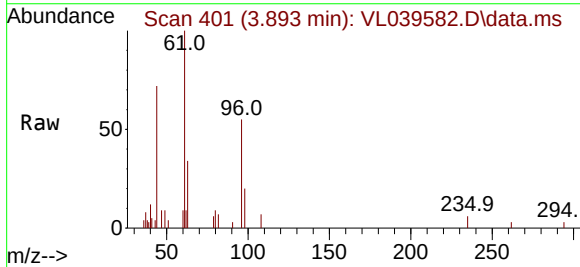
Tgt Ion: 59 Resp: 9660
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1

Manual Integrations
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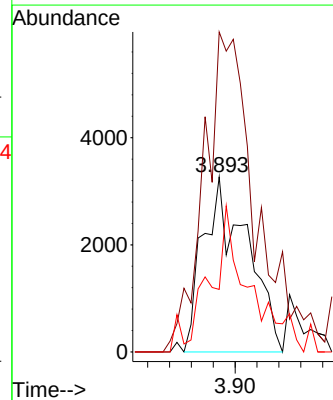
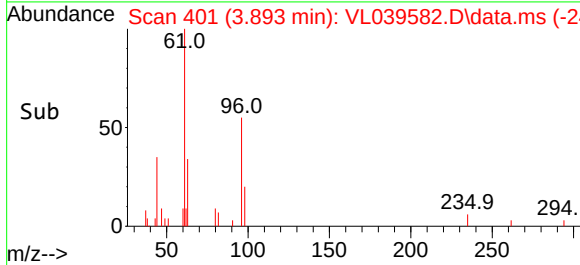
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

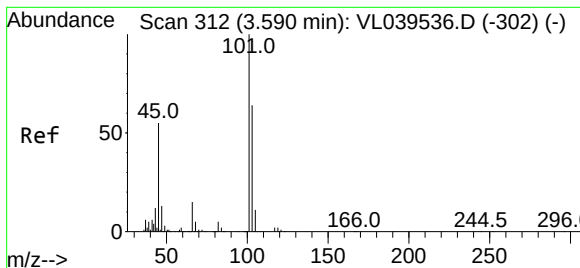


#18
1,1-Dichloroethene
Concen: 0.095 ppbv m
RT: 3.893 min Scan# 401
Delta R.T. -0.006 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



Tgt Ion: 96 Resp: 4543
Ion Ratio Lower Upper
96 100
61 182.7 152.2 228.4
98 35.7 51.8 77.6





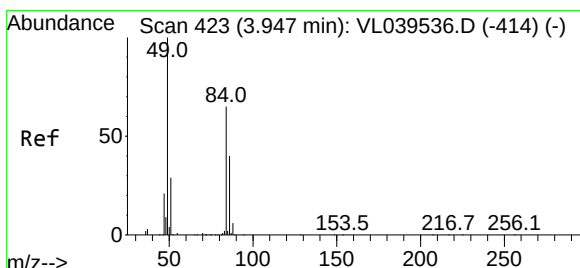
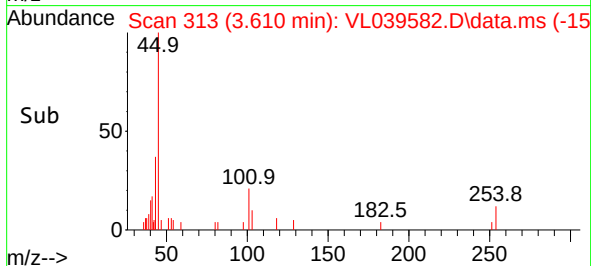
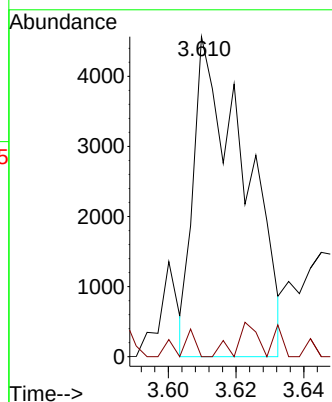
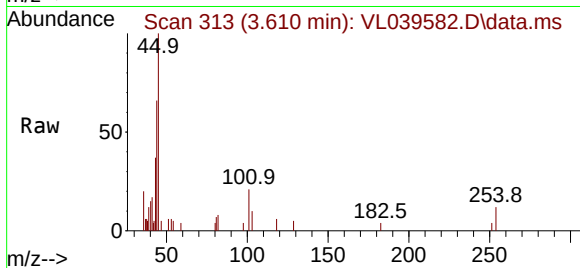
#19
Isopropyl Alcohol
Concen: 0.090 ppbv m
RT: 3.610 min Scan# 312
Delta R.T. 0.020 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 45 Resp: 4778
Ion Ratio Lower Upper
45 100
58 0.0 3.2 4.8

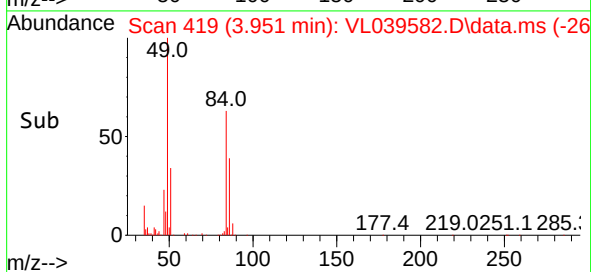
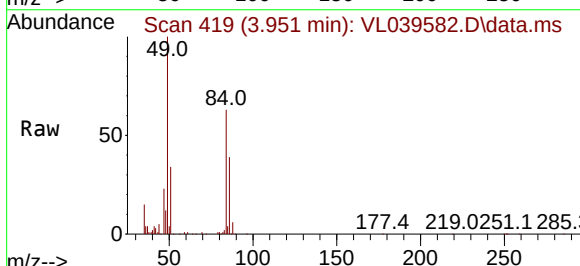
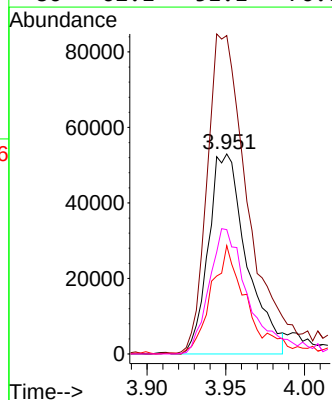
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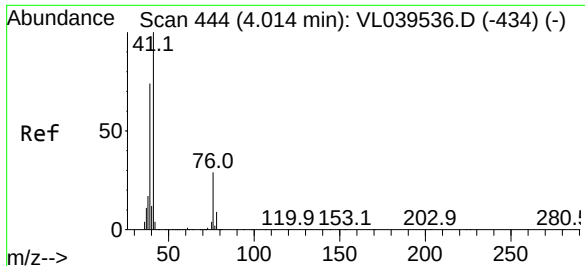
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#20
Methylene Chloride
Concen: 2.011 ppbv m
RT: 3.951 min Scan# 419
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

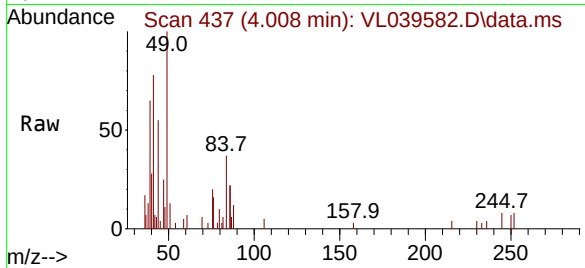
Tgt Ion: 84 Resp: 89670
Ion Ratio Lower Upper
84 100
49 159.2 123.1 184.7
51 54.2 34.4 51.6#
86 62.1 51.1 76.7





#21
 Allyl Chloride
 Concen: 0.096 ppbv m
 RT: 4.008 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

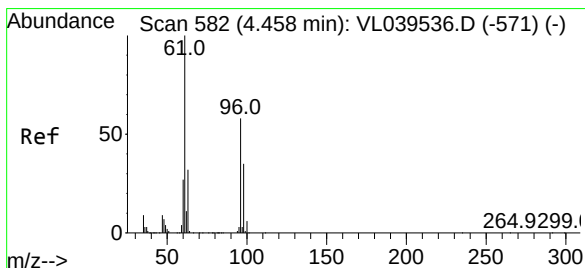
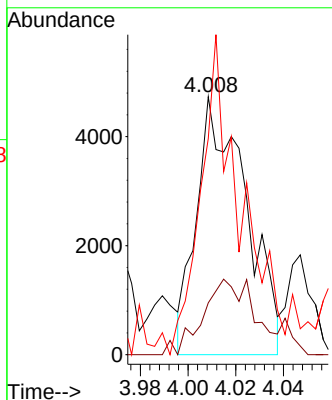
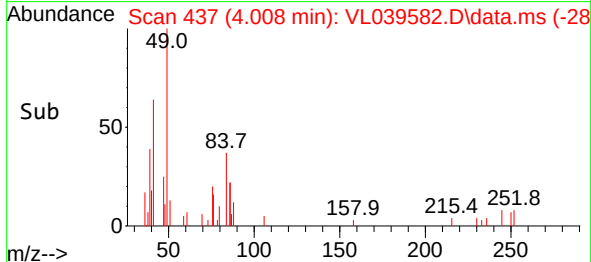
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 41 Resp: 683
 Ion Ratio Lower Upper
 41 100
 76 34.2 24.4 36.6
 39 139.5 63.5 95.3

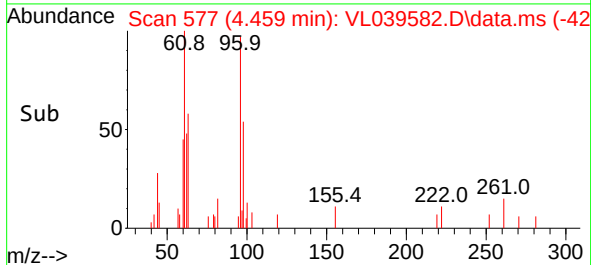
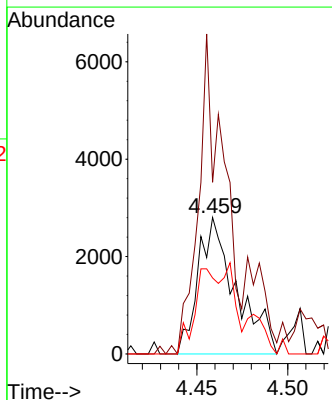
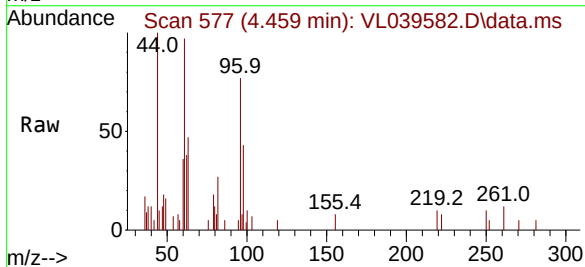
Manual Integrations
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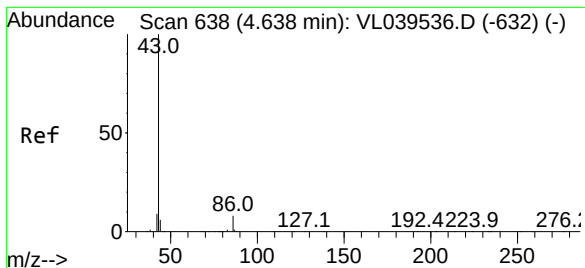
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.085 ppbv m
 RT: 4.459 min Scan# 577
 Delta R.T. 0.001 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

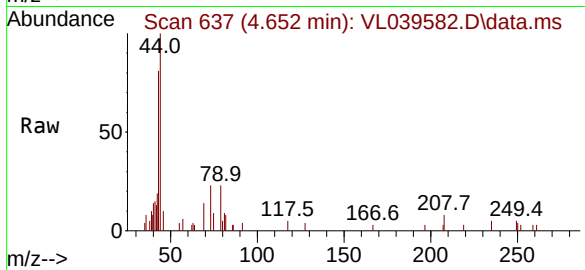
Tgt Ion: 96 Resp: 4043
 Ion Ratio Lower Upper
 96 100
 61 125.7 130.6 195.8#
 98 55.6 53.4 80.0





#23
 Vinyl Acetate
 Concen: 0.108 ppbv m
 RT: 4.652 min Scan# 613
 Delta R.T. 0.013 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

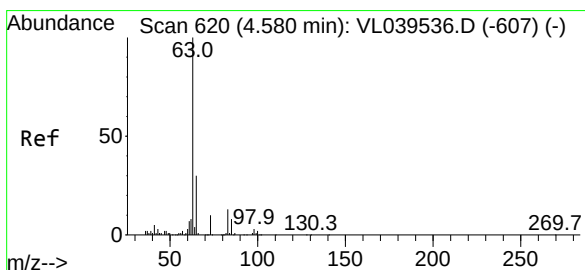
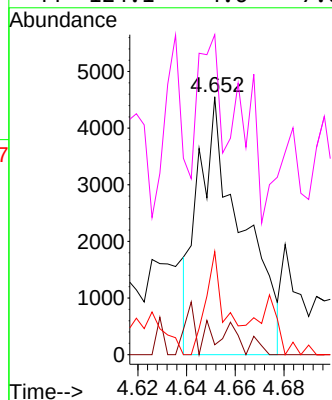
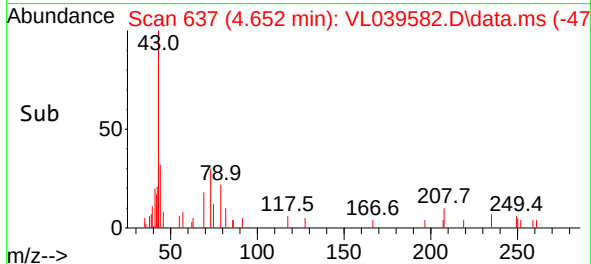
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 43 Resp: 5624
 Ion Ratio Lower Upper
 43 100
 86 3.9 5.0 7.6#
 42 23.4 7.7 11.5#
 44 124.1 4.6 7.0#

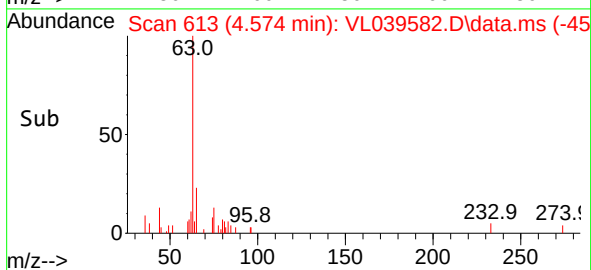
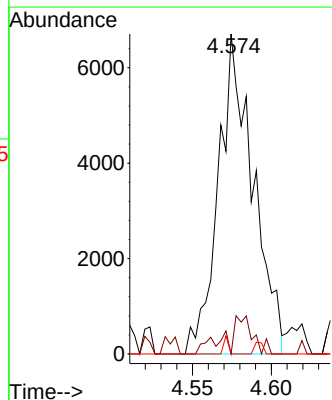
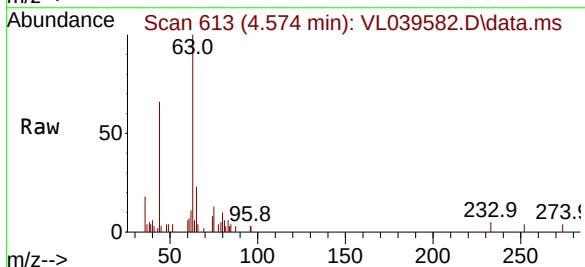
Manual Integrations
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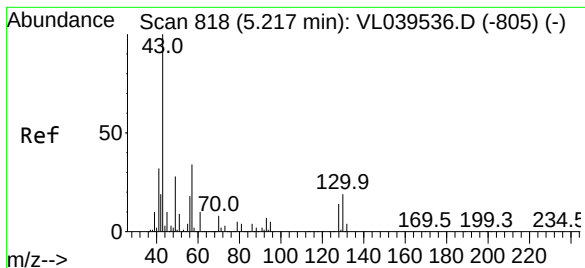
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#24
 1,1-Dichloroethane
 Concen: 0.106 ppbv m
 RT: 4.574 min Scan# 613
 Delta R.T. -0.006 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

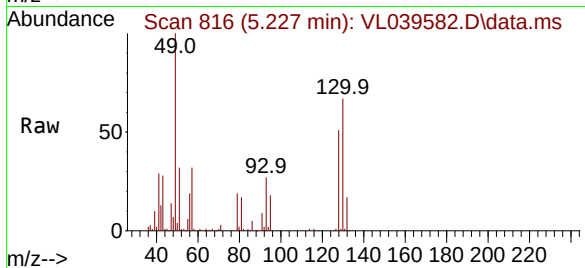
Tgt Ion: 63 Resp: 10269
 Ion Ratio Lower Upper
 63 100
 98 0.0 1.8 5.3#
 100 0.0 1.5 4.4#





#25
Ethyl Acetate
Concen: 0.279 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.010 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

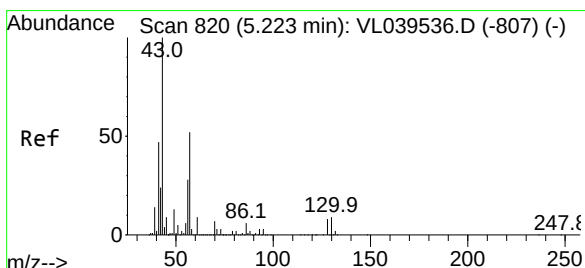
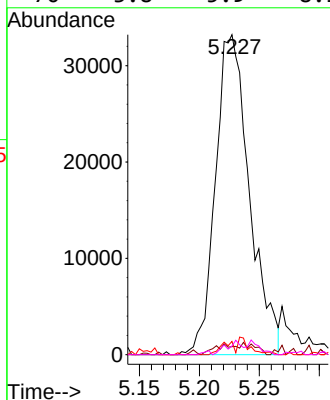
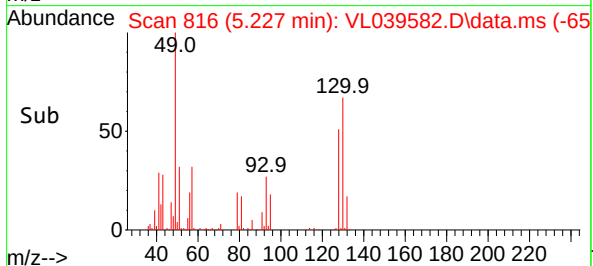
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 43 Resp: 65448
Ion Ratio Lower Upper
43 100
45 5.1 8.2 12.4
61 3.5 8.3 12.5
70 3.8 5.9 8.9

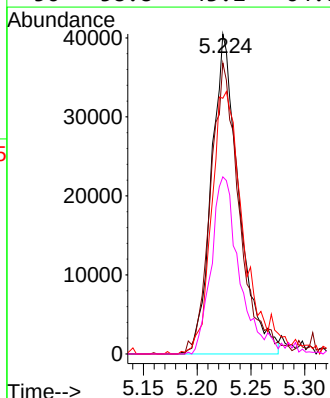
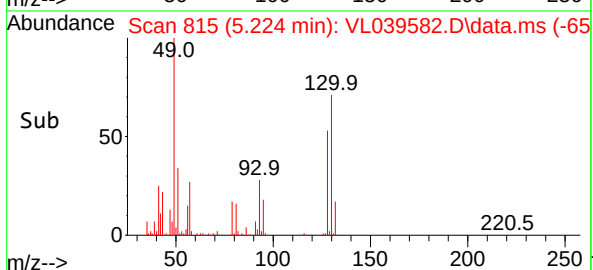
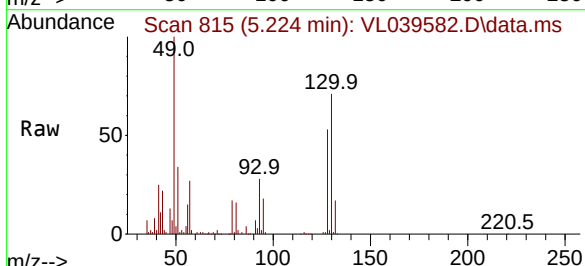
Manual Integrations
APPROVED

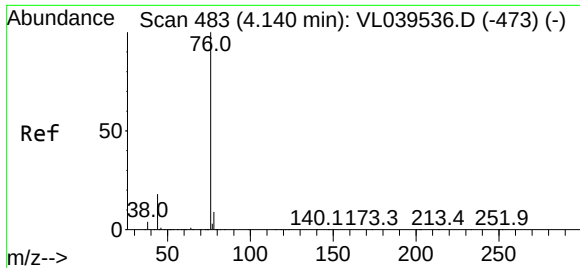
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#26
Hexane
Concen: 0.751 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Tgt Ion: 57 Resp: 72010
Ion Ratio Lower Upper
57 100
41 97.9 76.9 115.3
43 100.1 191.0 286.6
56 58.8 43.2 64.8





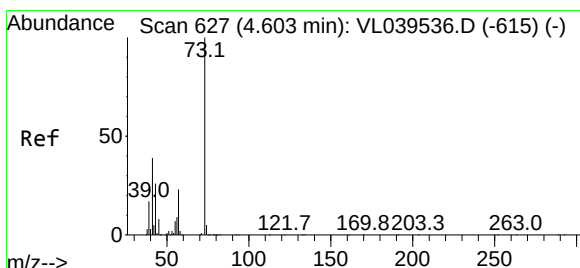
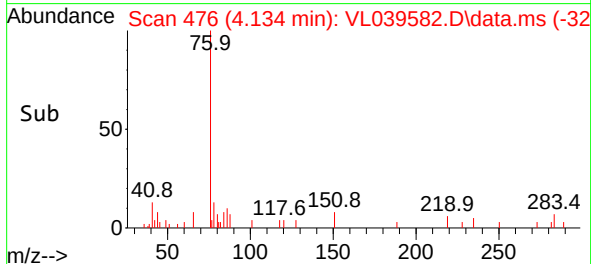
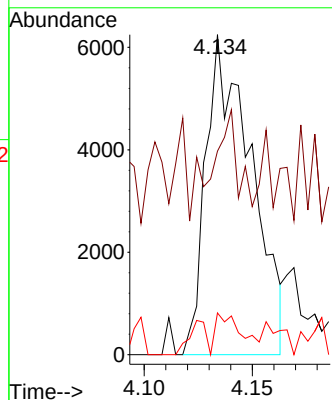
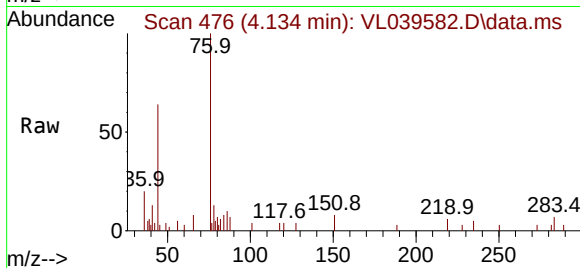
#27
Carbon Disulfide
Concen: 0.089 ppbv m
RT: 4.134 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 76 Resp: 908
Ion Ratio Lower Upper
76 100
44 32.9 14.6 21.8
78 0.0 7.8 11.6

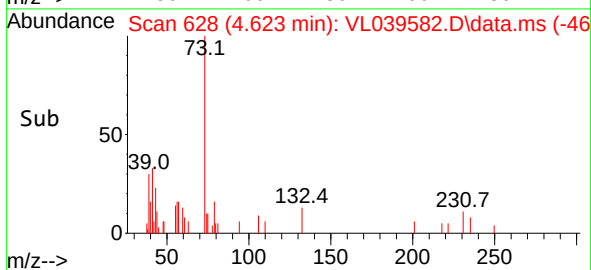
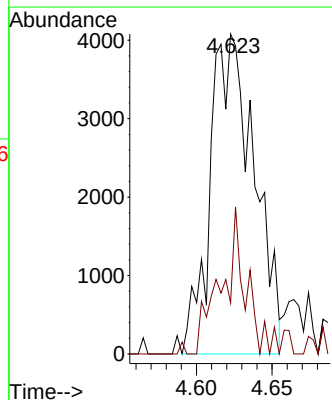
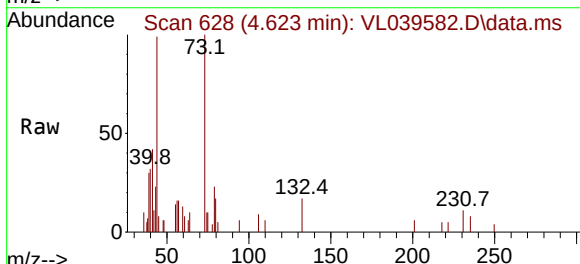
Manual Integrations
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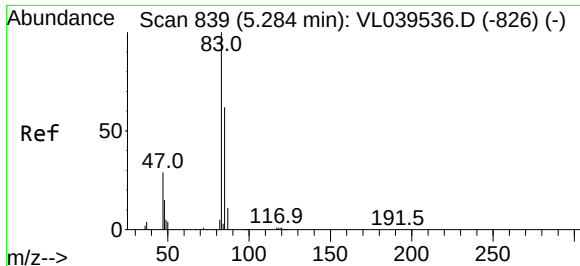
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#28
Methyl tert-Butyl Ether
Concen: 0.100 ppbv m
RT: 4.623 min Scan# 628
Delta R.T. 0.020 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Tgt Ion: 73 Resp: 8284
Ion Ratio Lower Upper
73 100
57 0.7 19.8 29.8





#29

Chloroform

Concen: 0.106 ppbv m

RT: 5.282 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL039582.D

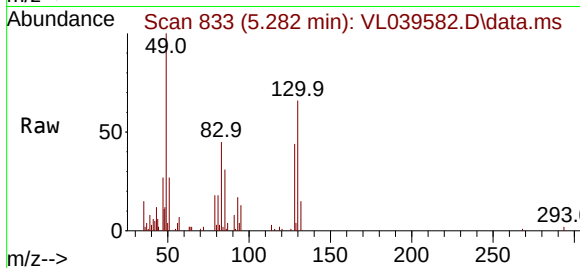
Acq: 25 Aug 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

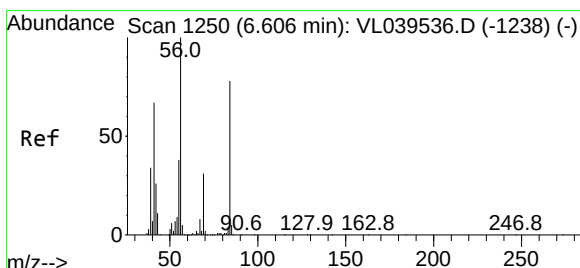
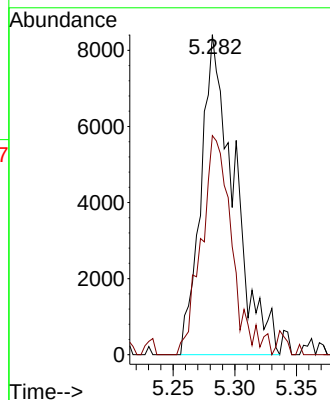
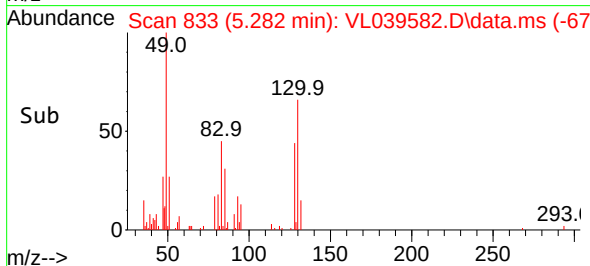


Tgt Ion:	83	Resp:	1588
Ion Ratio	Lower	Upper	
83	100		
85	68.5	52.8	79.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#30

Cyclohexane

Concen: 0.066 ppbv m

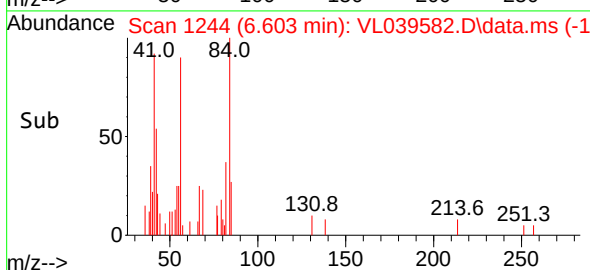
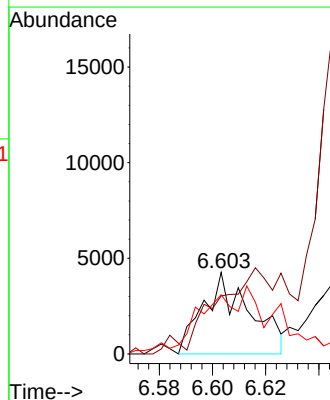
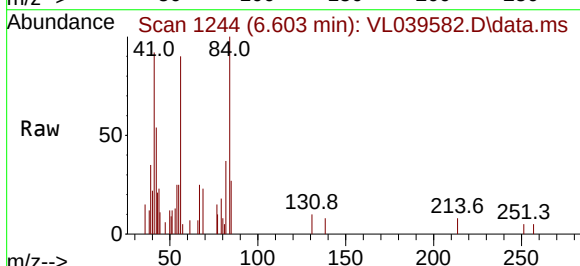
RT: 6.603 min Scan# 1244

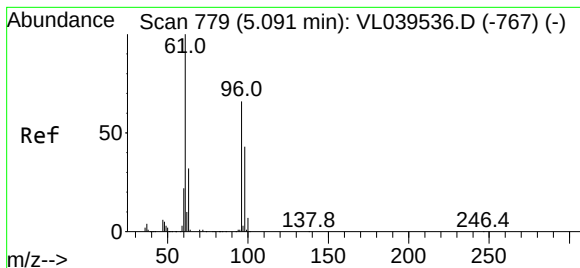
Delta R.T. -0.003 min

Lab File: VL039582.D

Acq: 25 Aug 2022 17:41

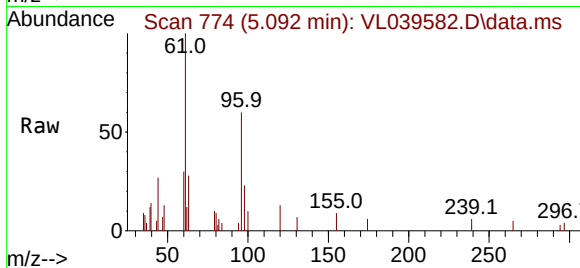
Tgt Ion:	84	Resp:	5198
Ion Ratio	Lower	Upper	
84	100		
56	0.0	107.7	161.5#
41	0.0	67.7	101.5#





#31
 cis-1,2-Dichloroethene
 Concen: 0.102 ppbv m
 RT: 5.092 min Scan# 779
 Delta R.T. 0.001 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

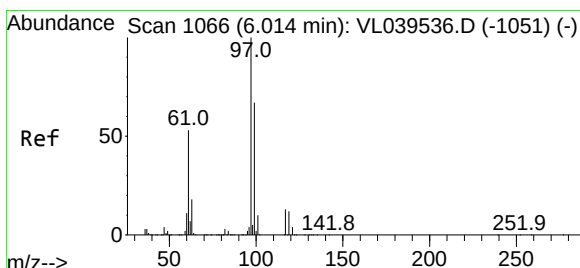
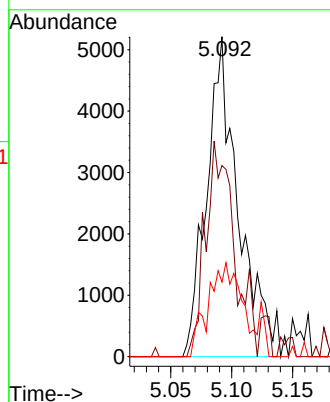
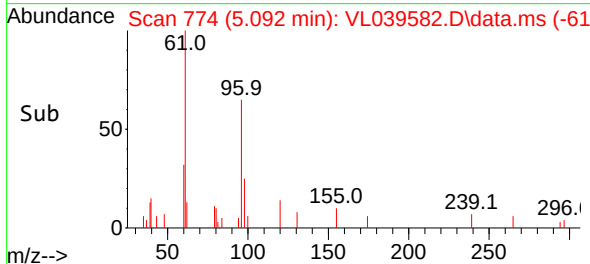
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion: 61 Resp: 9489
 Ion Ratio Lower Upper
 61 100
 96 59.7 54.1 81.1
 98 23.3 34.6 52.0

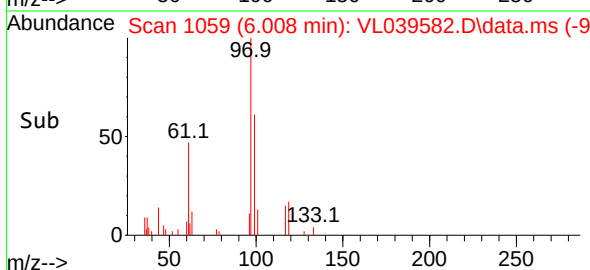
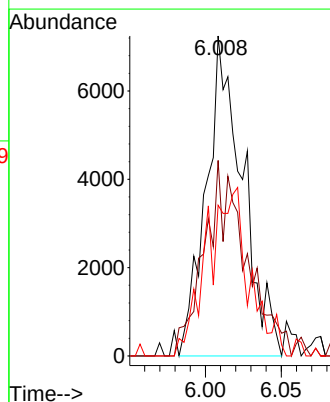
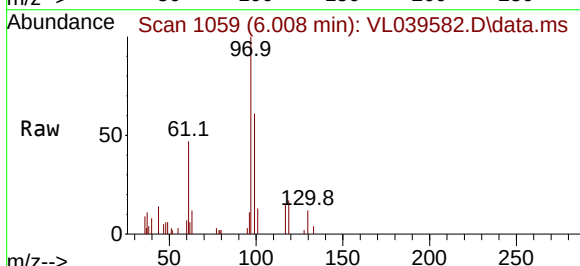
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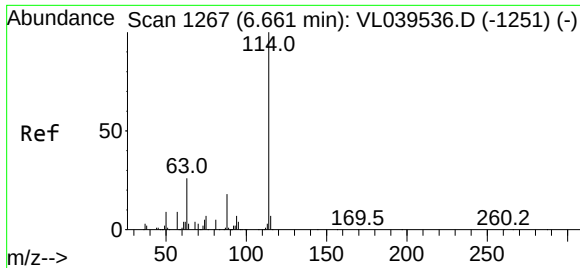
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022



#32
 1,1,1-Trichloroethane
 Concen: 0.091 ppbv m
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.006 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

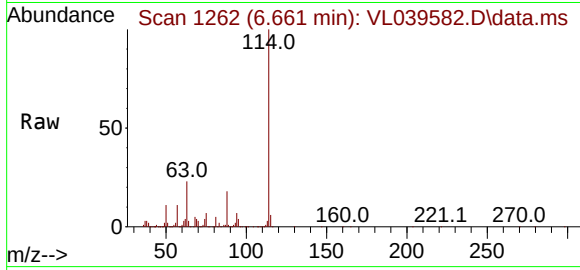
Tgt Ion: 97 Resp: 12047
 Ion Ratio Lower Upper
 97 100
 99 71.4 52.3 78.5
 61 0.0 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.661 min Scan# 114
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

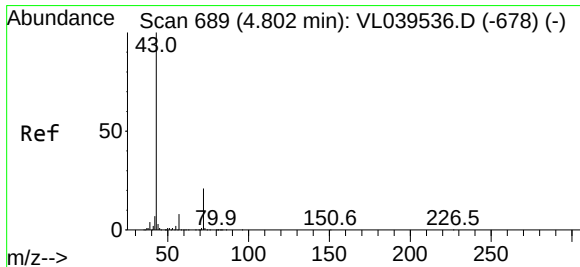
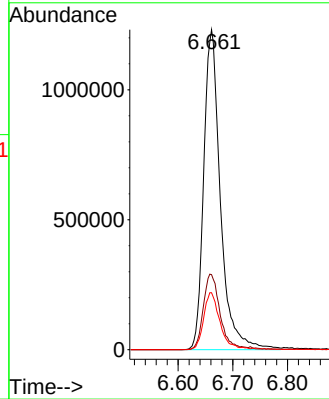
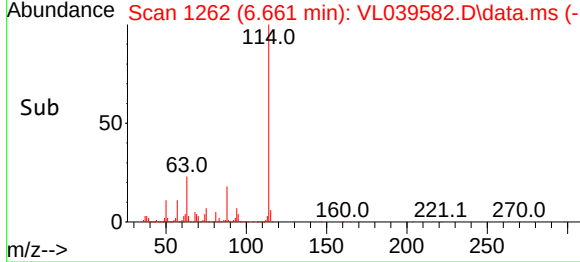
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:114 Resp: 260799
Ion Ratio Lower Upper
114 100
63 24.3 20.2 30.4
88 17.9 14.5 21.7

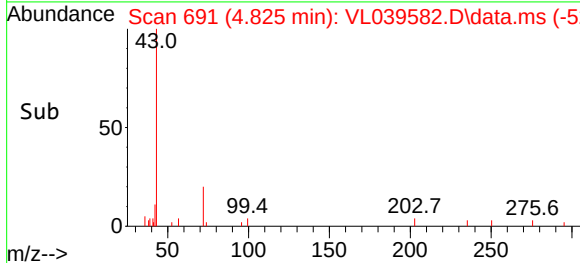
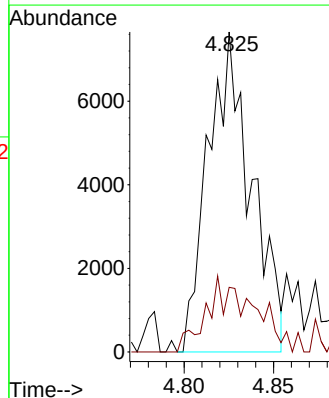
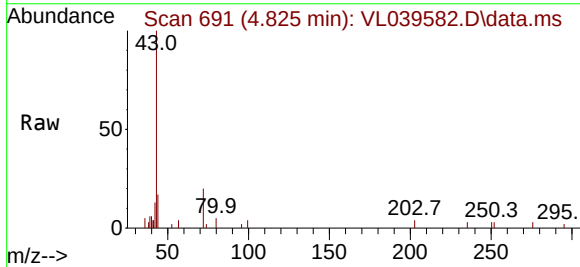
Manual Integrations
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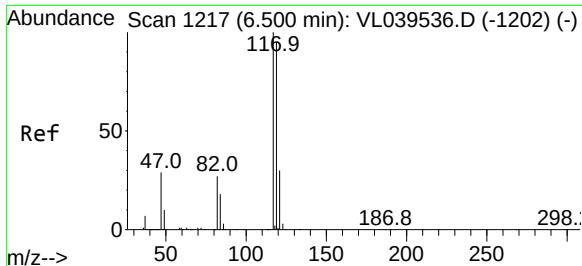
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#34
2-Butanone
Concen: 0.099 ppbv m
RT: 4.825 min Scan# 691
Delta R.T. 0.023 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

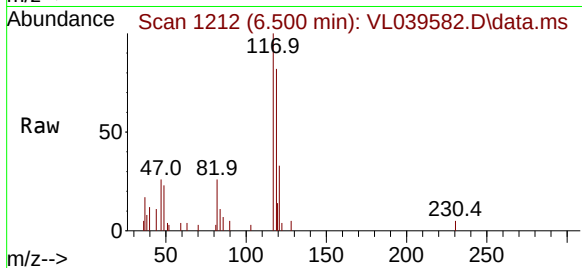
Tgt Ion: 43 Resp: 12846
Ion Ratio Lower Upper
43 100
72 26.2 17.9 26.9





#35
Carbon Tetrachloride
Concen: 0.091 ppbv m
RT: 6.500 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

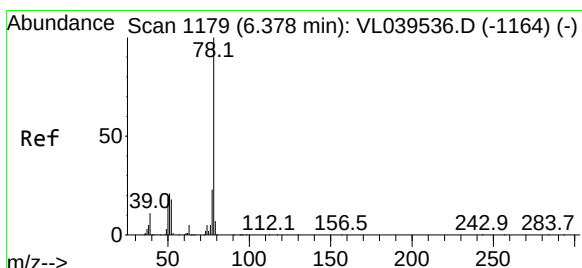
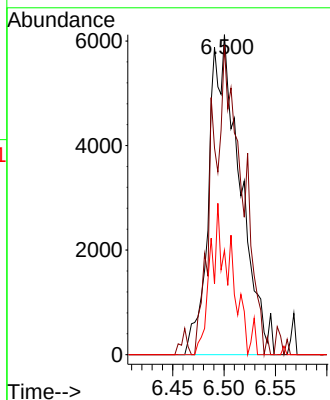
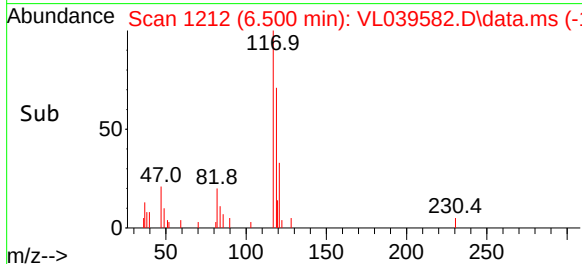
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 117 Resp: 1289
Ion Ratio Lower Upper
117 100
119 82.5 75.4 113.2
121 32.6 24.2 36.2

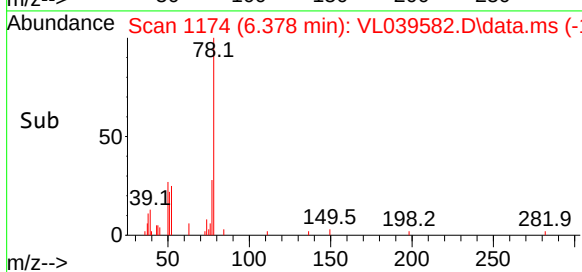
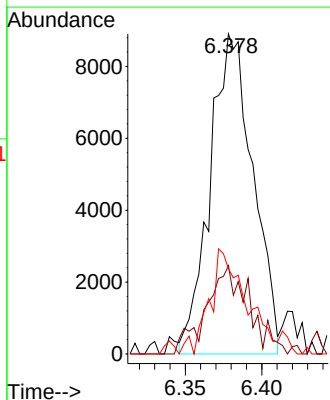
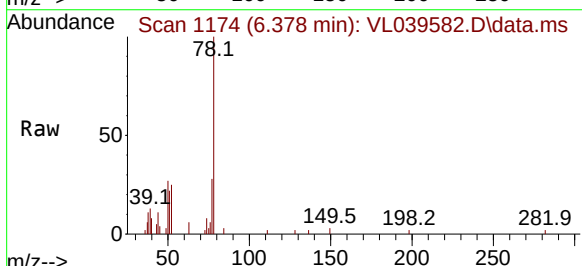
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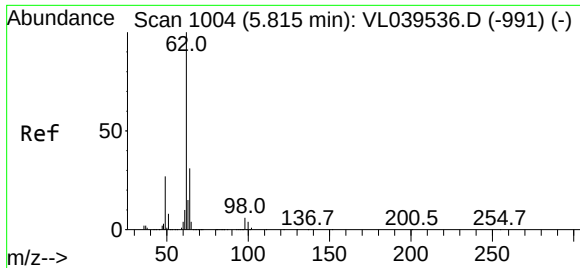
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#36
Benzene
Concen: 0.088 ppbv m
RT: 6.378 min Scan# 1174
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

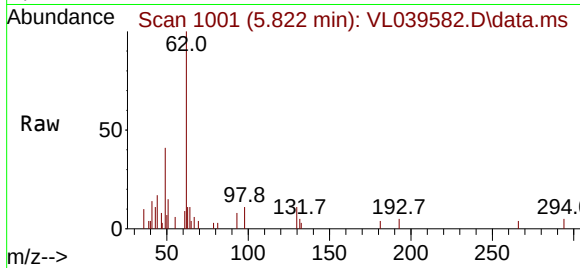
Tgt Ion: 78 Resp: 17424
Ion Ratio Lower Upper
78 100
77 27.6 20.3 30.5
50 26.6 15.5 23.3#





#37
1,2-Dichloroethane
Concen: 0.088 ppbv m
RT: 5.822 min Scan# 1001
Delta R.T. 0.007 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

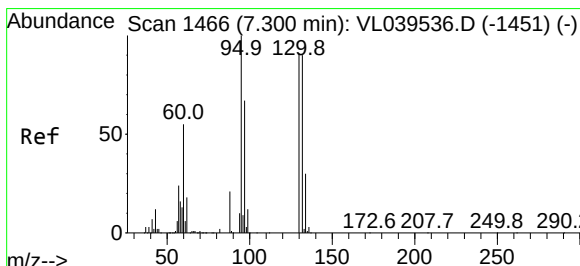
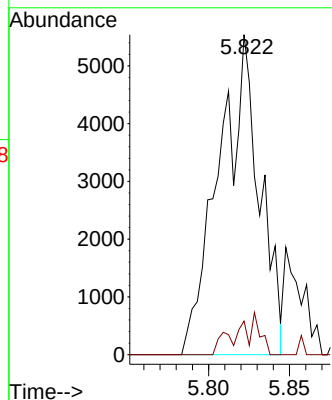
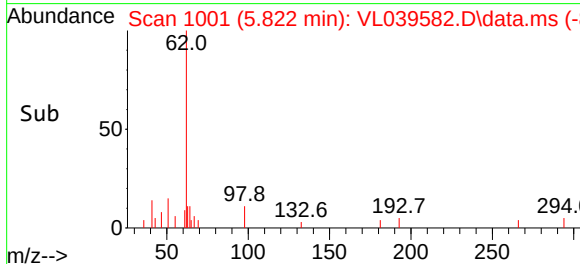
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 62 Resp: 969
Ion Ratio Lower Upper
62 100
98 0.0 5.1 7.7

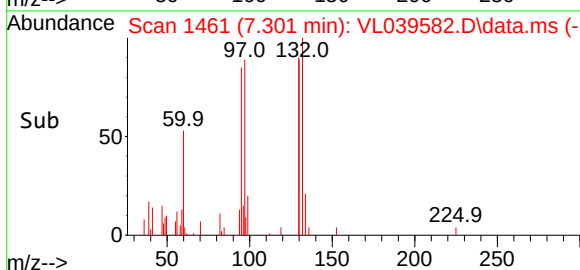
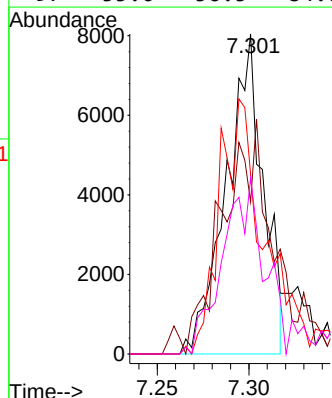
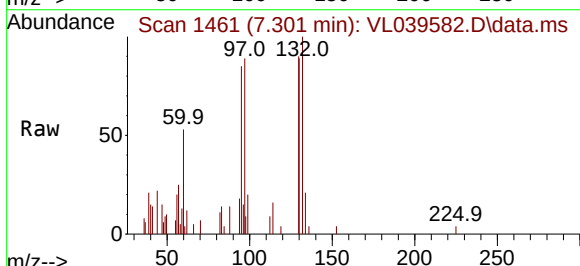
Manual Integrations
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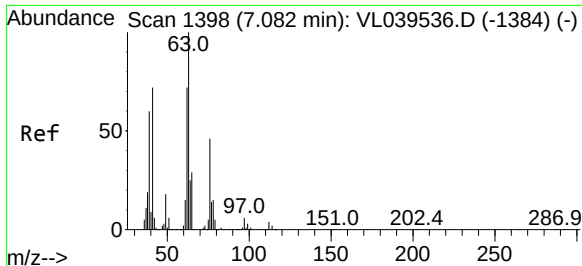
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#38
Trichloroethene
Concen: 0.106 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Tgt Ion:130 Resp: 11253
Ion Ratio Lower Upper
130 100
95 42.7 87.3 130.9#
132 56.1 76.7 115.1#
97 55.0 56.5 84.7#





#39

1,2-Dichloropropane

Concen: 0.129 ppbv m

RT: 7.073 min Scan# 1

Delta R.T. -0.009 min

Lab File: VL039582.D

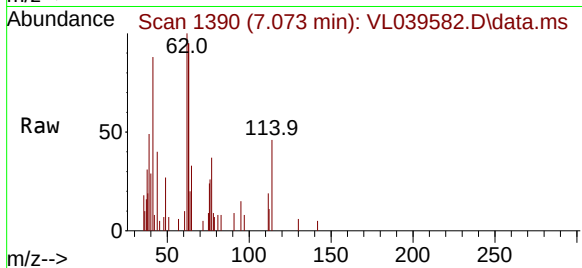
Acq: 25 Aug 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022



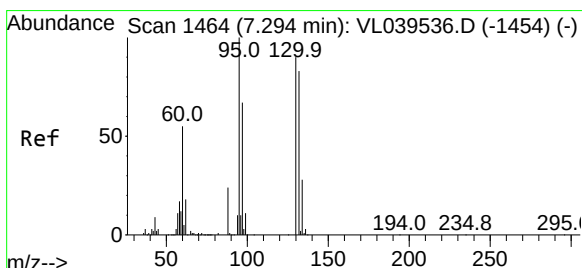
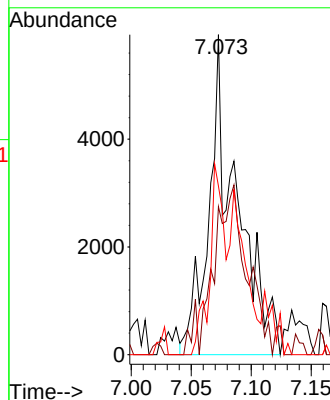
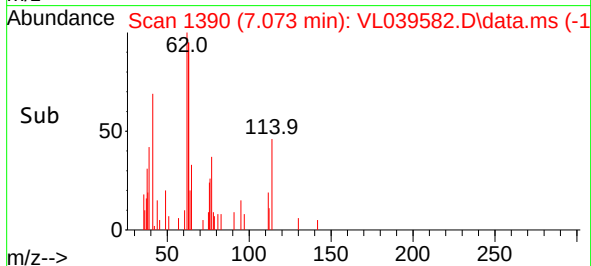
Tgt Ion:	63	Resp:	9610
Ion	Ratio	Lower	Upper
63	100		
41	92.2	59.6	89.4
62	105.1	51.4	77.0

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022

Supervised By :Semsettin Yesilyurt 08/29/2022



#40

1,4-Dioxane

Concen: 0.117 ppbv m

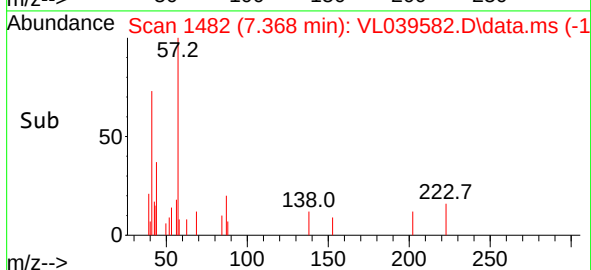
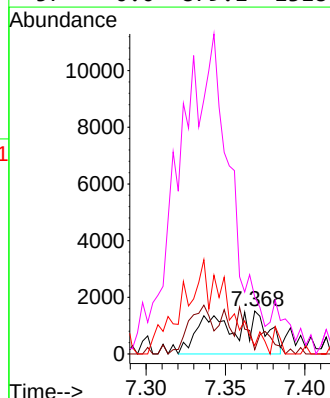
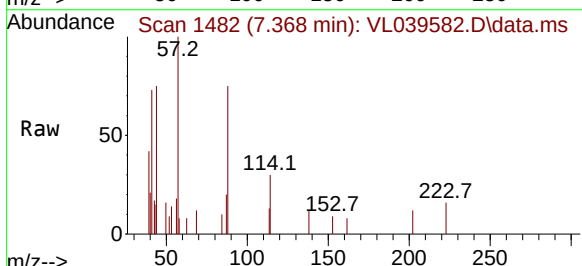
RT: 7.368 min Scan# 1482

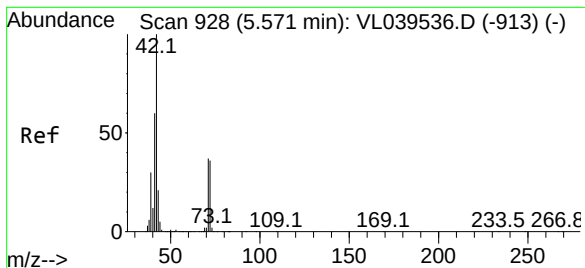
Delta R.T. 0.075 min

Lab File: VL039582.D

Acq: 25 Aug 2022 17:41

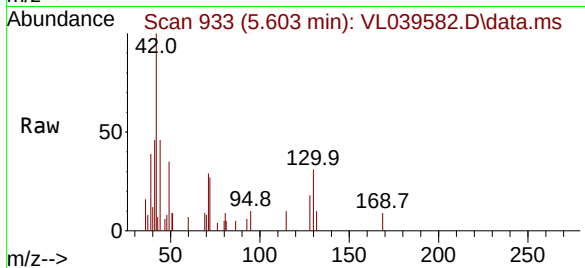
Tgt Ion:	88	Resp:	3428
Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.2	150.4
43	0.0	205.8	308.6
57	0.0	879.1	1318.7





#41
Tetrahydrofuran
Concen: 0.081 ppbv m
RT: 5.603 min Scan# 91
Delta R.T. 0.033 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

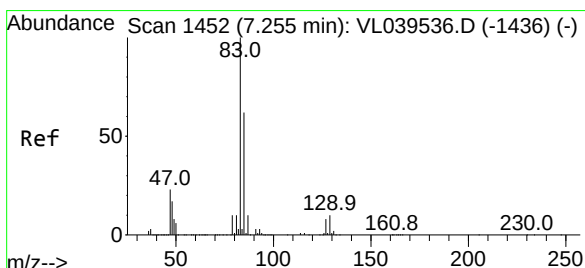
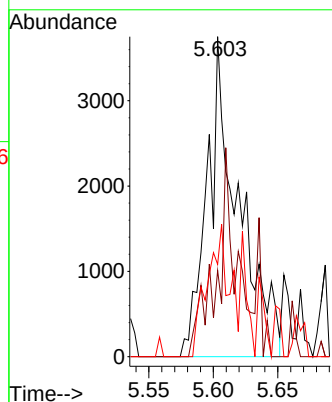
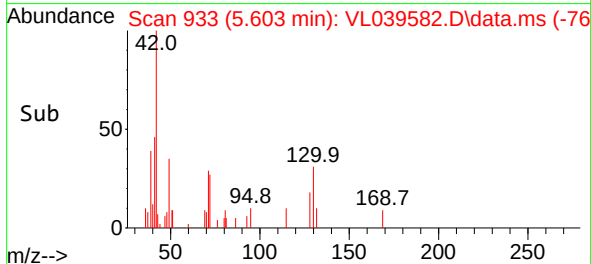
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 42 Resp: 6298
Ion Ratio Lower Upper
42 100
72 0.0 31.8 47.8
71 0.0 31.8 47.8

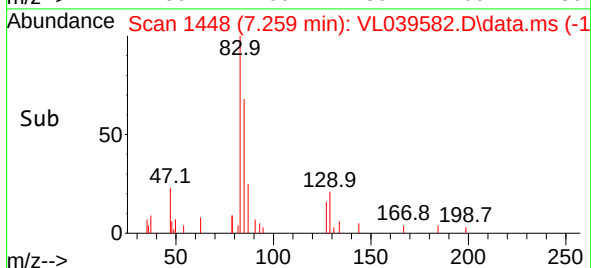
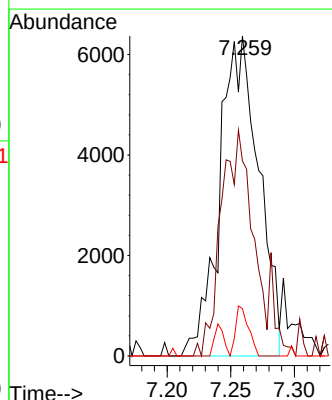
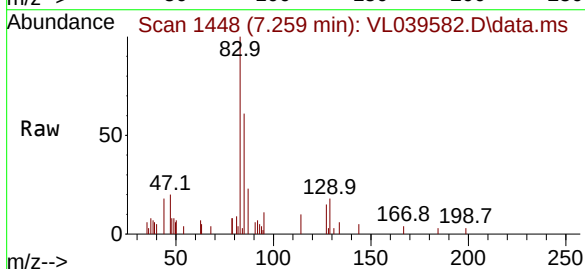
Manual Integrations
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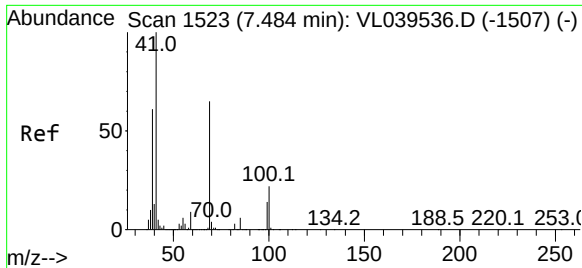
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#42
Bromodichloromethane
Concen: 0.091 ppbv m
RT: 7.259 min Scan# 1448
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

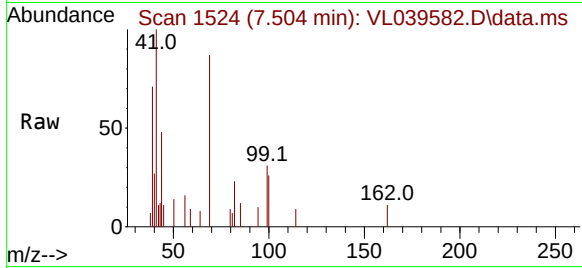
Tgt Ion: 83 Resp: 13602
Ion Ratio Lower Upper
83 100
85 60.9 50.7 76.1
127 14.7 6.6 9.8





#43
Methyl Methacrylate
Concen: 0.067 ppbv m
RT: 7.504 min Scan# 1523
Delta R.T. 0.020 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

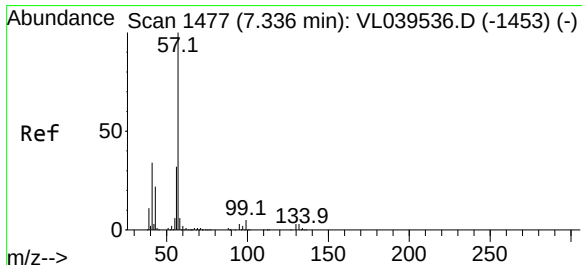
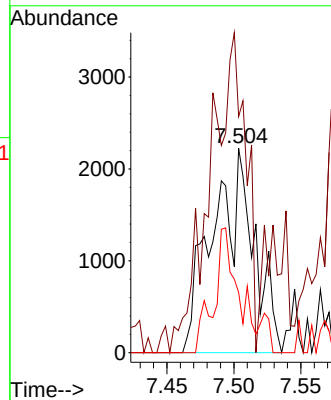
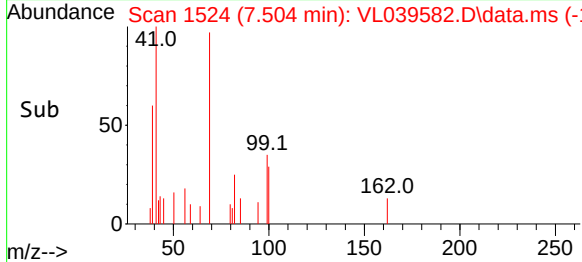
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



Tgt Ion: 69 Resp: 4770
Ion Ratio Lower Upper
69 100
41 0.0 120.8 181.2
100 0.0 27.8 41.6

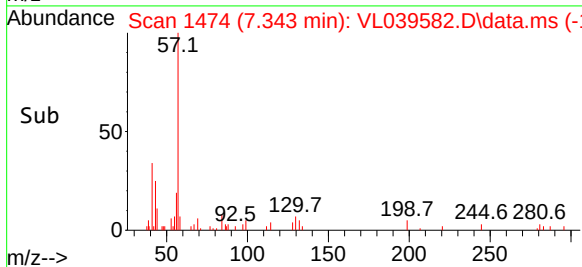
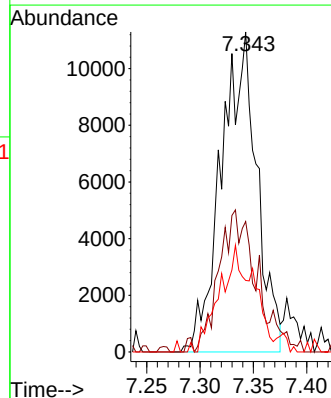
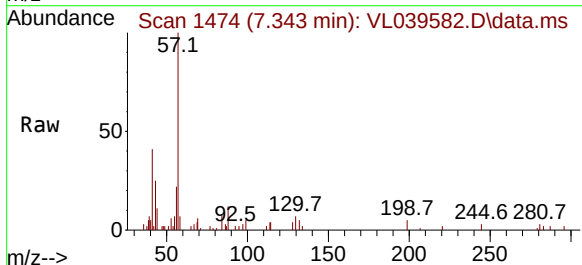
Manual Integrations
APPROVED

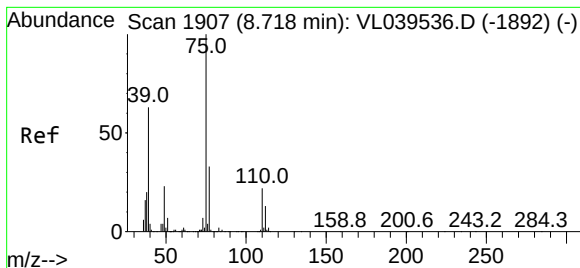
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#44
2,2,4-Trimethylpentane
Concen: 0.078 ppbv m
RT: 7.343 min Scan# 1474
Delta R.T. 0.007 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Tgt Ion: 57 Resp: 26056
Ion Ratio Lower Upper
57 100
41 48.7 27.4 41.2
56 34.1 24.5 36.7





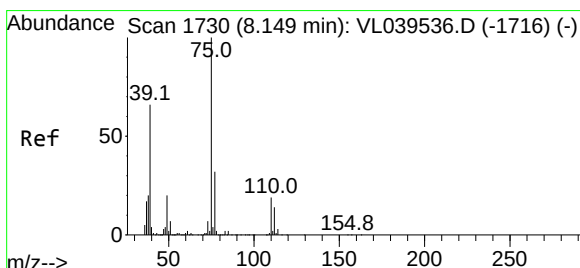
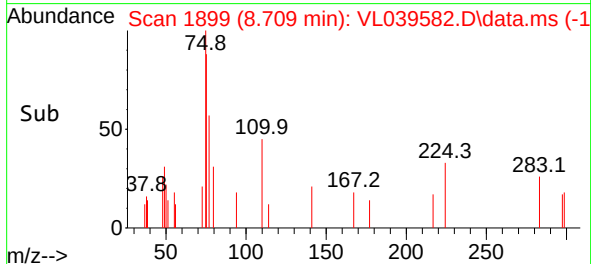
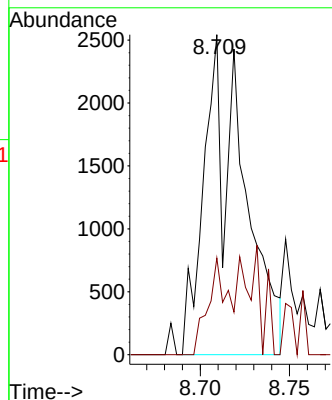
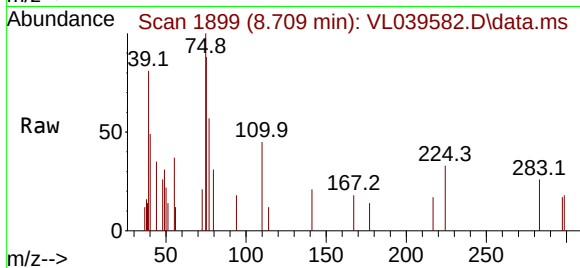
#45
t-1,3-Dichloropropene
Concen: 0.061 ppbv m
RT: 8.709 min Scan# 1899
Delta R.T. -0.009 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022

Tgt Ion: 75 Resp: 383
Ion Ratio Lower Upper
75 100
77 56.8 24.6 36.8

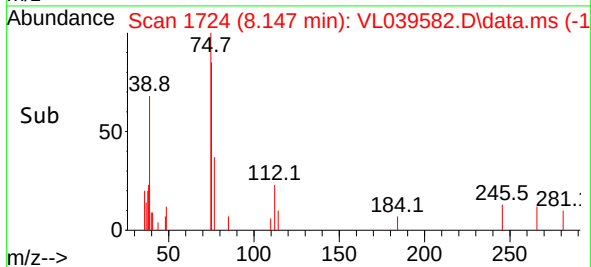
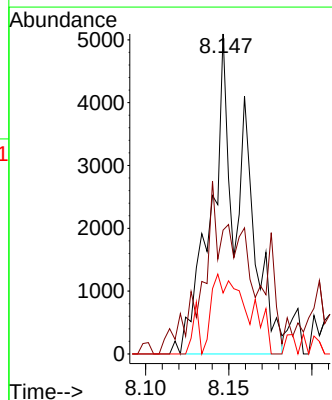
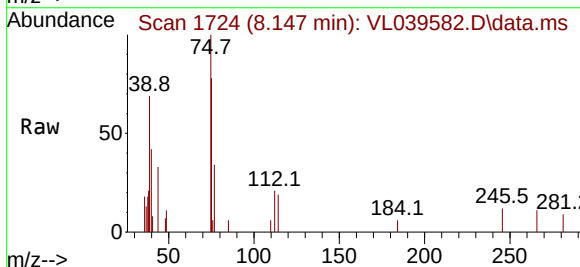
Manual Integrations
APPROVED

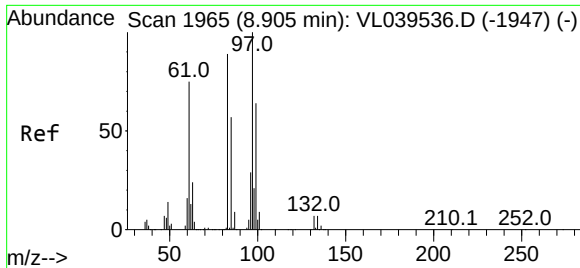
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#46
cis-1,3-Dichloropropene
Concen: 0.077 ppbv m
RT: 8.147 min Scan# 1724
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

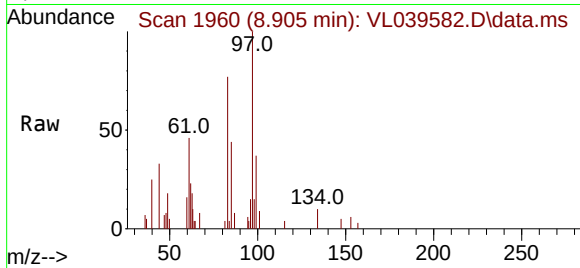
Tgt Ion: 75 Resp: 6700
Ion Ratio Lower Upper
75 100
39 69.0 55.0 82.4
77 34.0 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 0.098 ppbv m
RT: 8.905 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

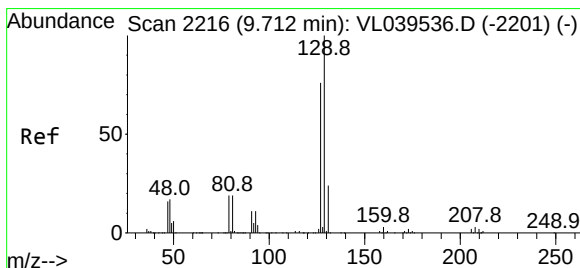
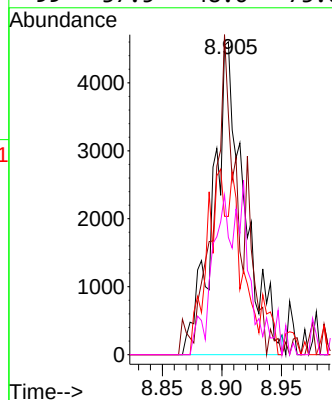
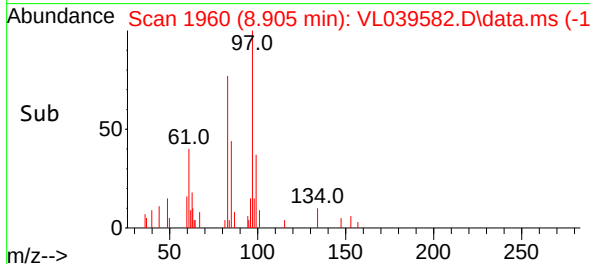
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.0	67.4	101.0
85	44.2	45.1	67.7
99	37.5	48.6	73.0

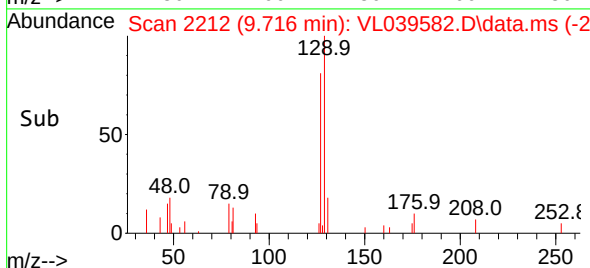
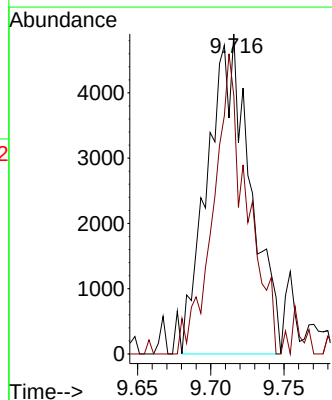
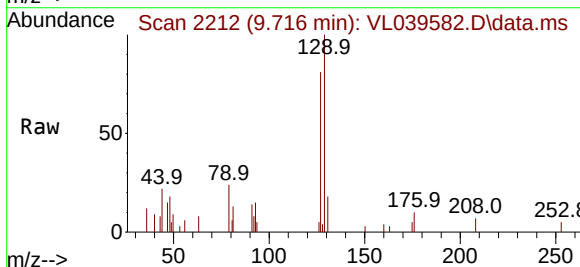
Manual Integrations
APPROVED

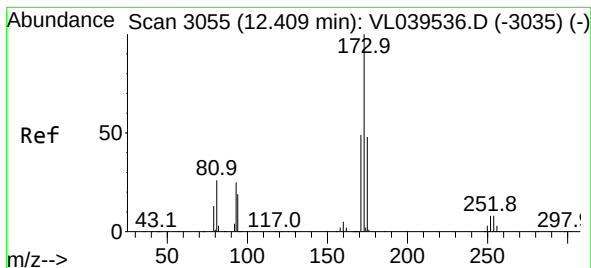
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#48
Dibromochloromethane
Concen: 0.079 ppbv m
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Tgt Ion	Ratio	Lower	Upper
129	100		
127	3.8	39.3	117.9





#49

Bromoform

Concen: 0.078 ppbv m

RT: 12.407 min Scan# 3055

Delta R.T. -0.003 min

Lab File: VL039582.D

Acq: 25 Aug 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

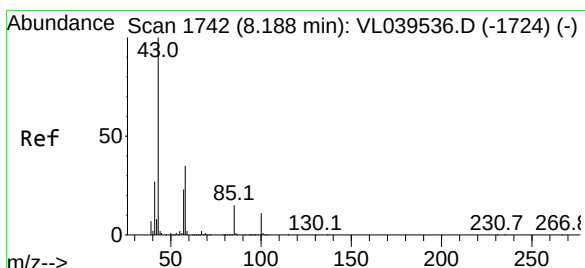
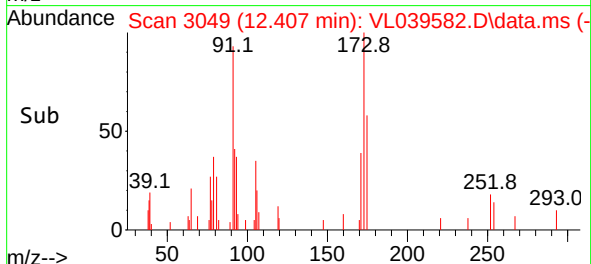
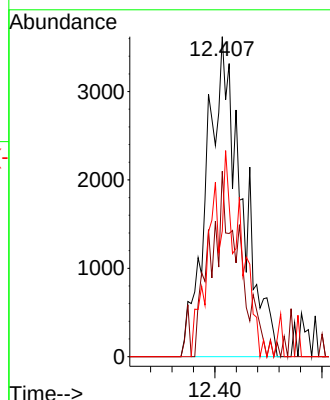
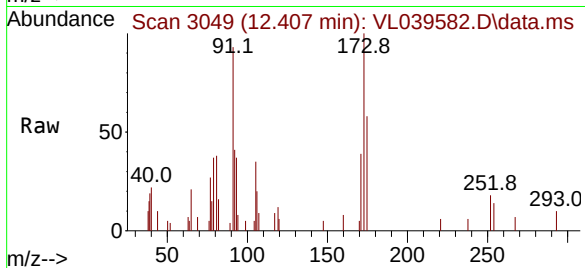
MDL-AIR-03-QT3-2022

Tgt Ion:	173	Resp:	8134
Ion Ratio	Lower	Upper	
173	100		
175	49.8	40.3	60.5
171	53.6	42.9	64.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#50

4-Methyl-2-Pentanone

Concen: 0.069 ppbv m

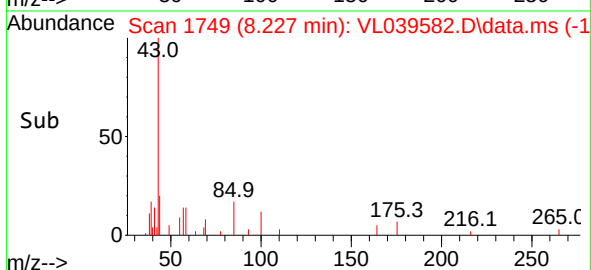
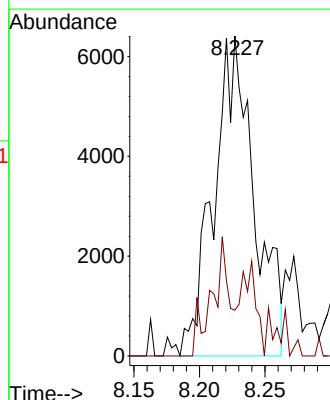
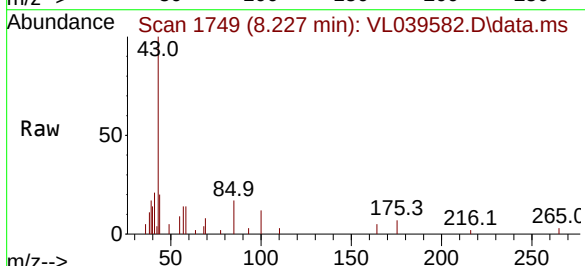
RT: 8.227 min Scan# 1749

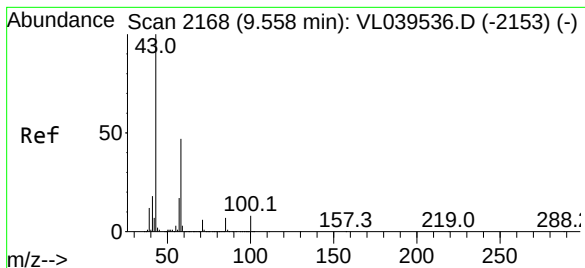
Delta R.T. 0.039 min

Lab File: VL039582.D

Acq: 25 Aug 2022 17:41

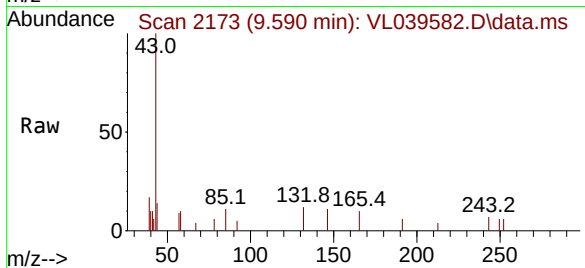
Tgt Ion:	43	Resp:	13849
Ion Ratio	Lower	Upper	
43	100		
58	0.0	28.8	43.2#





#51
2-Hexanone
Concen: 0.066 ppbv m
RT: 9.590 min Scan# 2168
Delta R.T. 0.033 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

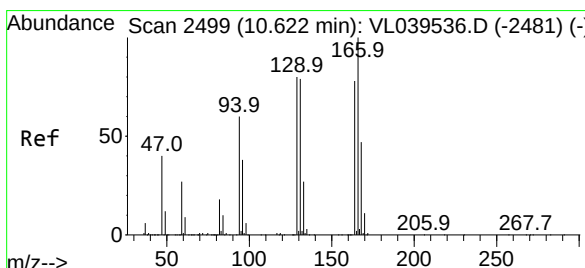
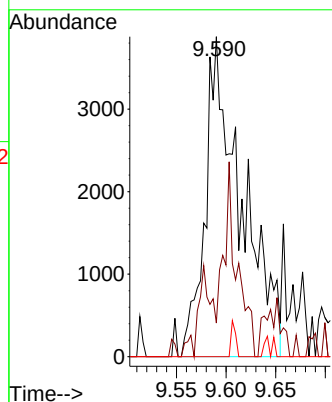
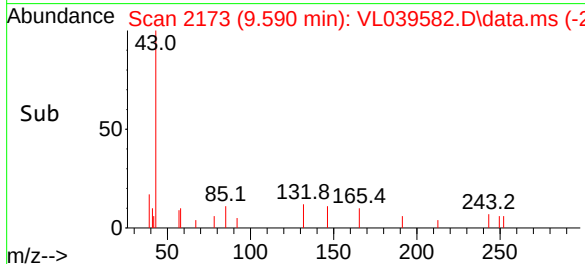
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion: 43 Resp: 980
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6
98 0.0 0.3 0.5

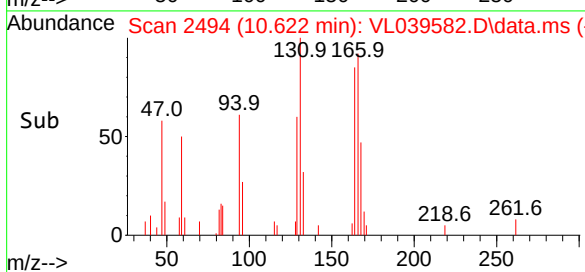
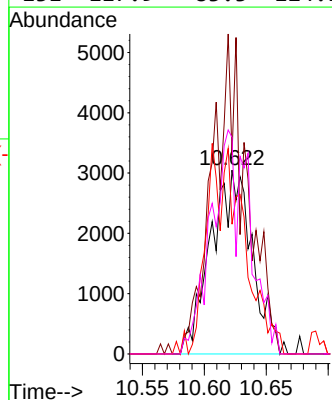
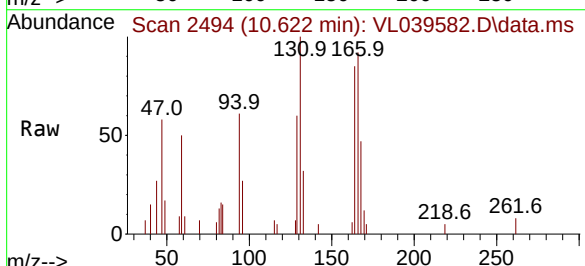
Manual Integrations
APPROVED

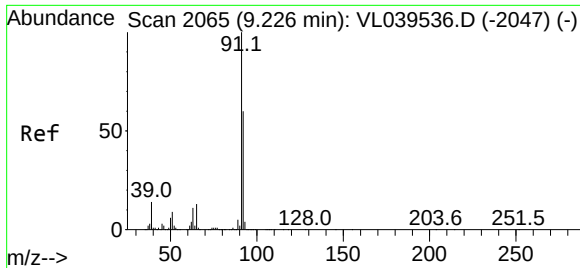
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#52
Tetrachloroethene
Concen: 0.094 ppbv m
RT: 10.622 min Scan# 2494
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Tgt Ion:164 Resp: 7092
Ion Ratio Lower Upper
164 100
166 108.2 102.2 153.2
129 70.5 85.8 128.8#
131 117.9 83.3 124.9





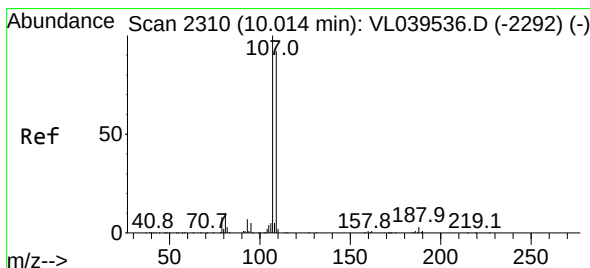
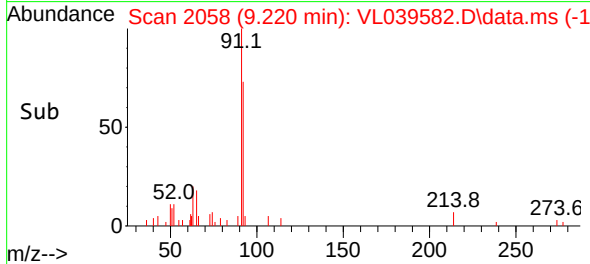
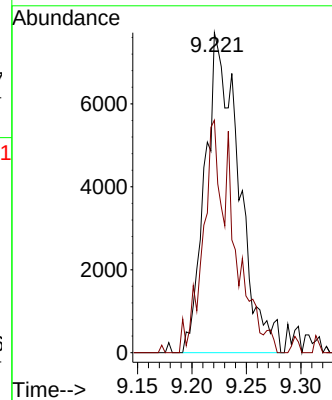
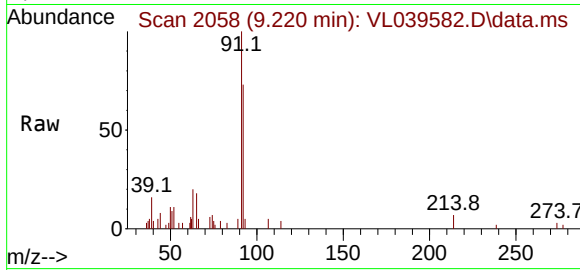
#53
Toluene
Concen: 0.075 ppbv m
RT: 9.220 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022

Tgt Ion: 91 Resp: 1665
Ion Ratio Lower Upper
91 100
92 65.3 48.2 72.2

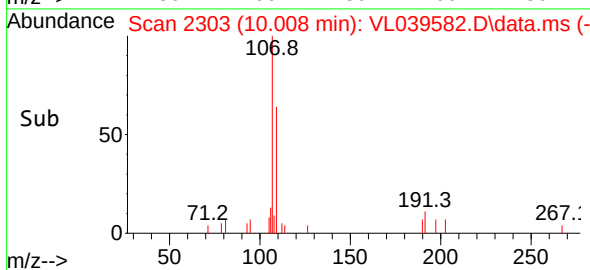
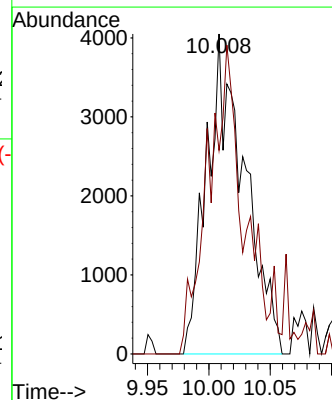
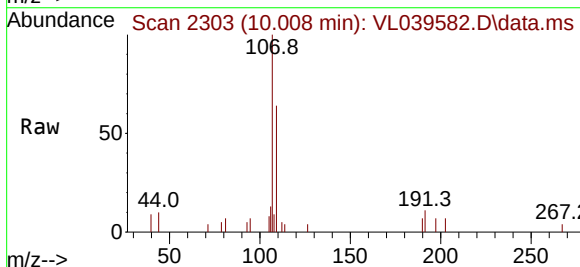
Manual Integrations
APPROVED

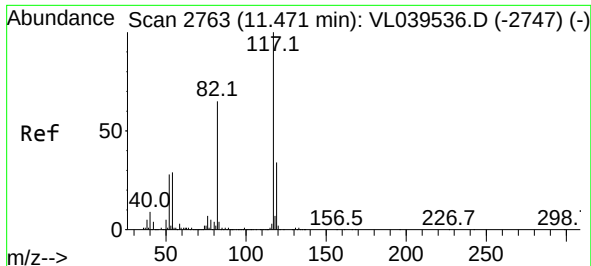
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#54
1,2-Dibromoethane
Concen: 0.091 ppbv m
RT: 10.008 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

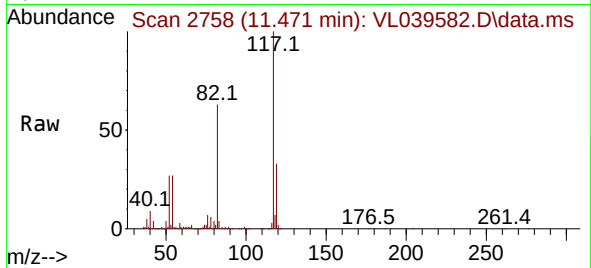
Tgt Ion:107 Resp: 8666
Ion Ratio Lower Upper
107 100
109 63.6 74.8 112.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2763
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

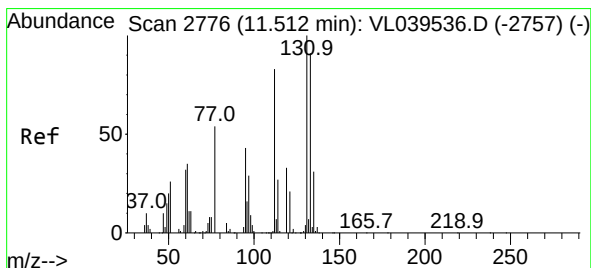
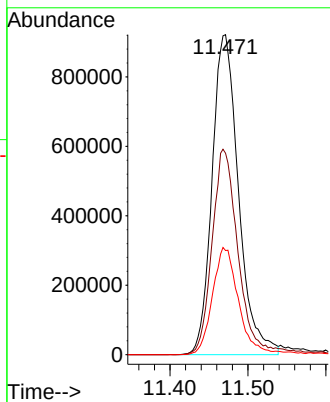
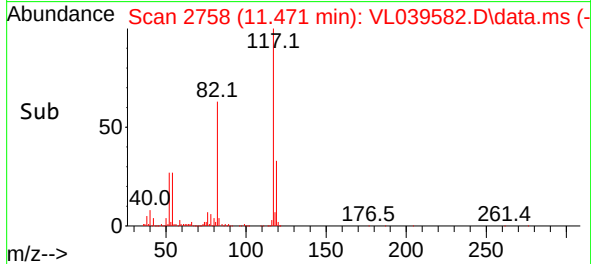
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



Tgt Ion:117 Resp: 217395
Ion Ratio Lower Upper
117 100
82 64.7 50.8 76.2
119 34.1 24.1 36.1

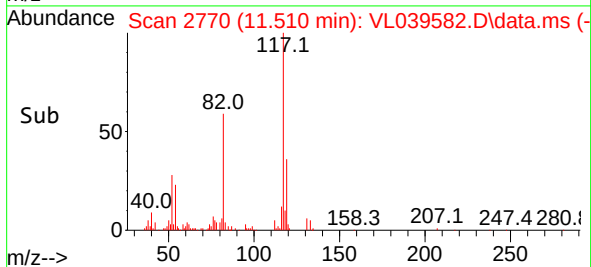
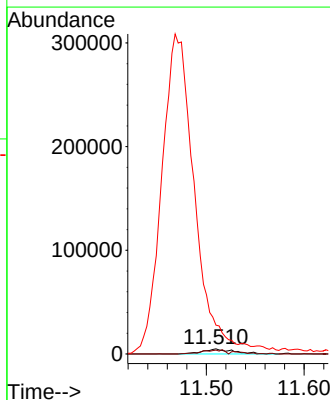
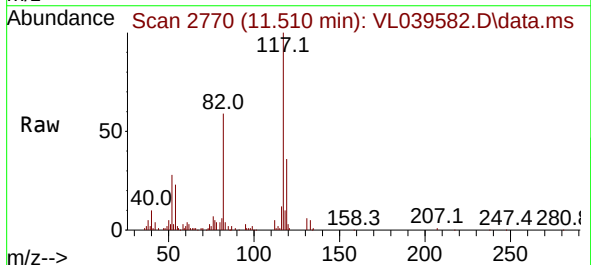
Manual Integrations
APPROVED

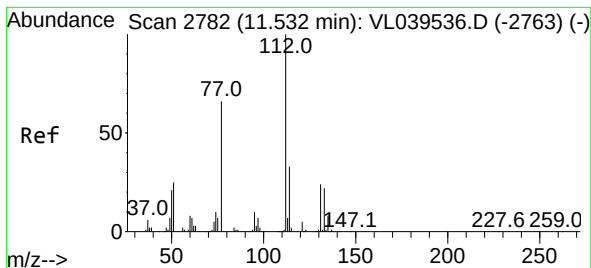
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.120 ppbv m
RT: 11.510 min Scan# 2770
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Tgt Ion:131 Resp: 10570
Ion Ratio Lower Upper
131 100
133 0.0 76.8 115.2#
119 0.0 46.2 69.4#





#57

Chlorobenzene

Concen: 0.116 ppbv m

RT: 11.519 min Scan# 21

Delta R.T. -0.012 min

Lab File: VL039582.D

Acq: 25 Aug 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

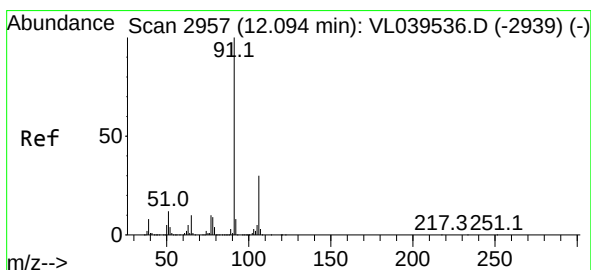
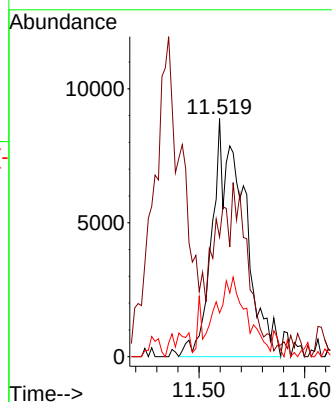
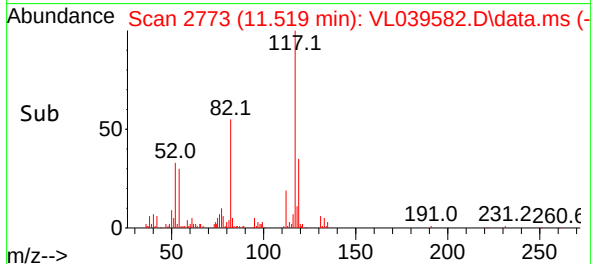
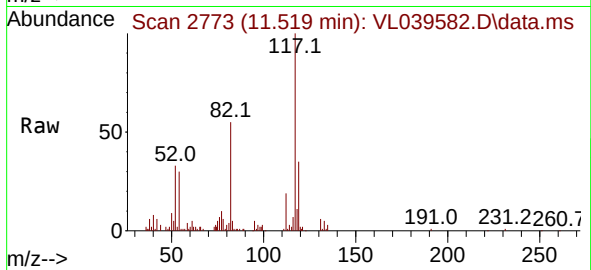
MDL-AIR-03-QT3-2022

Tgt Ion:	112	Resp:	18840
Ion Ratio	Lower	Upper	
112	100		
77	50.3	51.0	76.4
114	18.4	27.5	33.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#58

Ethyl Benzene

Concen: 0.074 ppbv m

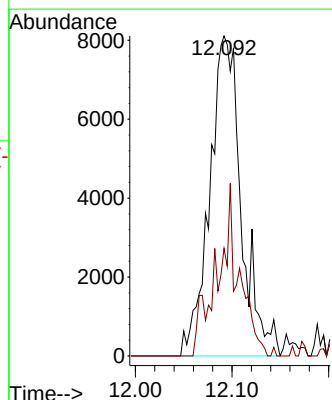
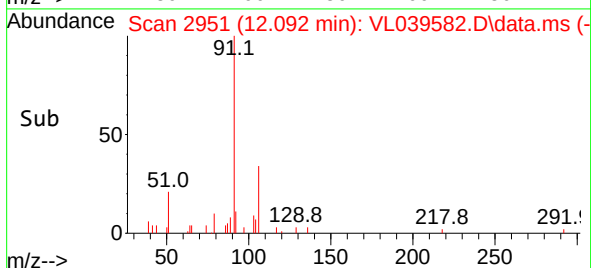
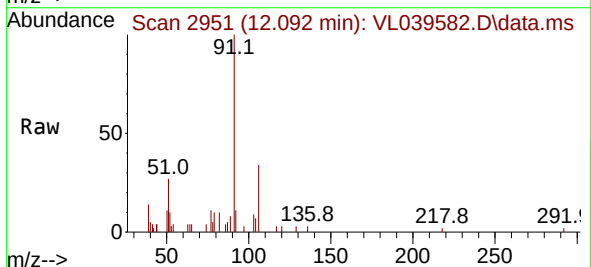
RT: 12.092 min Scan# 2951

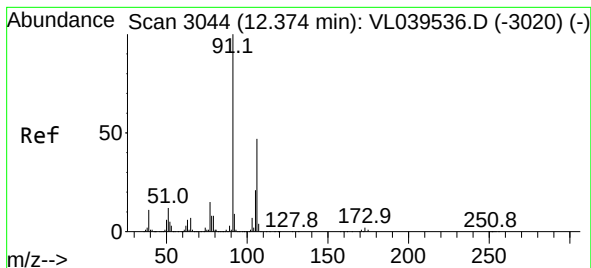
Delta R.T. -0.003 min

Lab File: VL039582.D

Acq: 25 Aug 2022 17:41

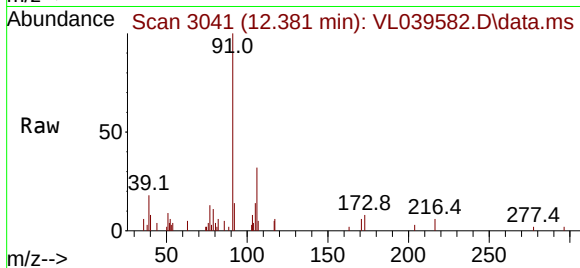
Tgt Ion:	91	Resp:	18529
Ion Ratio	Lower	Upper	
91	100		
106	33.6	25.4	38.0





#59
m/p-Xylene
Concen: 0.138 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. 0.007 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

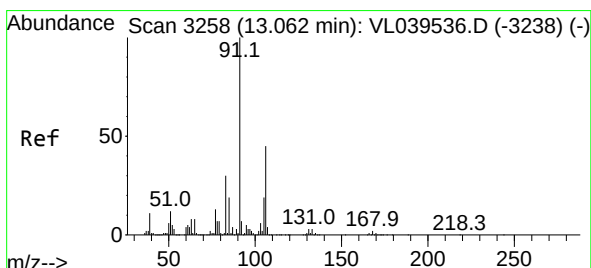
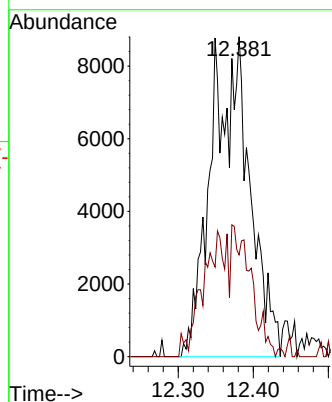
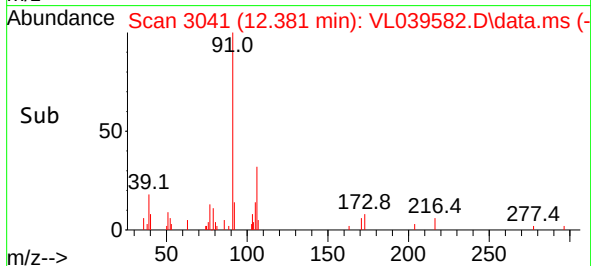
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



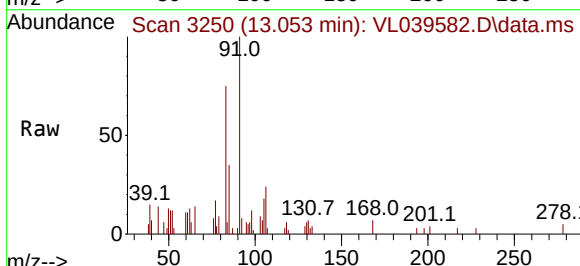
Tgt Ion: 91 Resp: 30958
Ion Ratio Lower Upper
91 100
106 47.0 35.4 53.2

Manual Integrations
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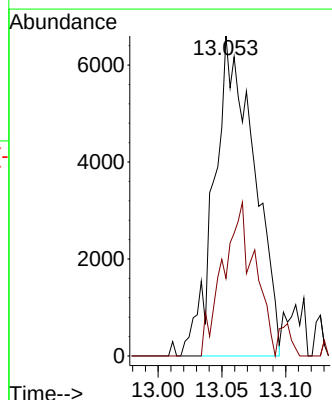
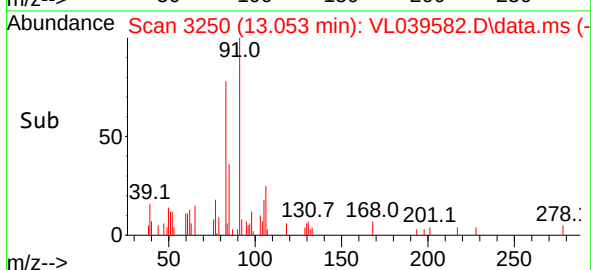
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

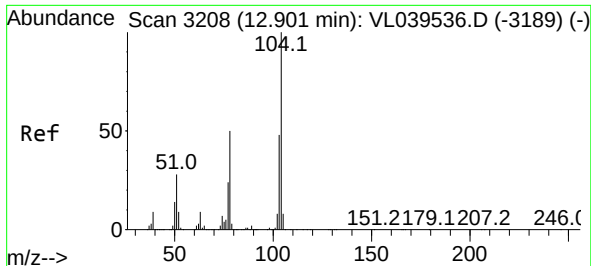


#60
o-Xylene
Concen: 0.067 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. -0.009 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



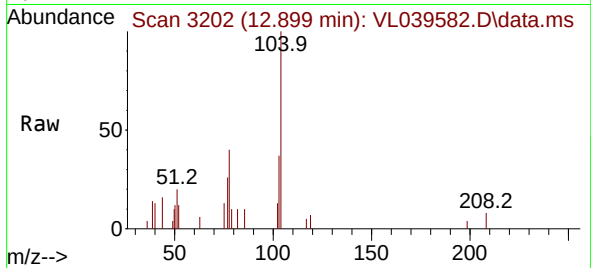
Tgt Ion: 91 Resp: 14352
Ion Ratio Lower Upper
91 100
106 0.0 22.4 67.3#





#61
Styrene
Concen: 0.063 ppbv m
RT: 12.899 min Scan# 3189
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

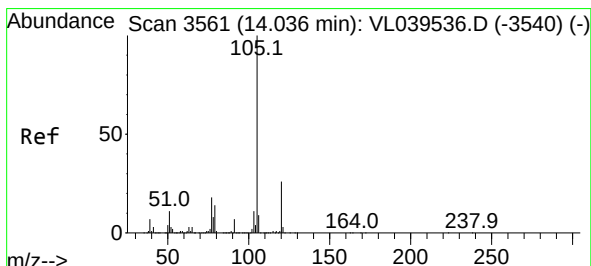
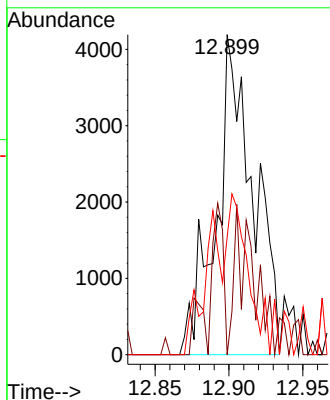
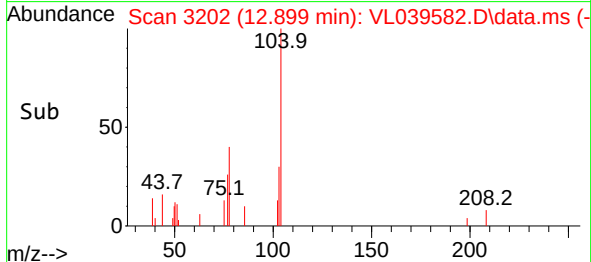
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



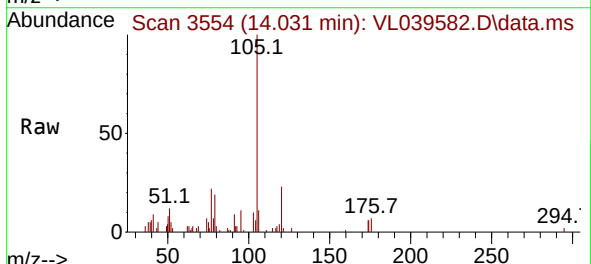
Tgt Ion:104 Resp: 7250
Ion Ratio Lower Upper
104 100
78 48.6 41.2 61.8
103 54.6 38.7 58.1

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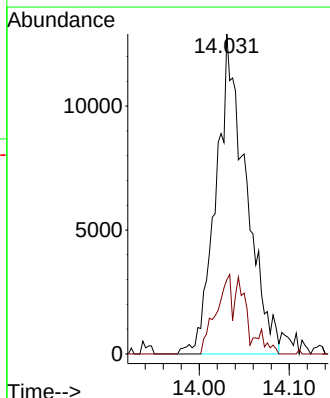
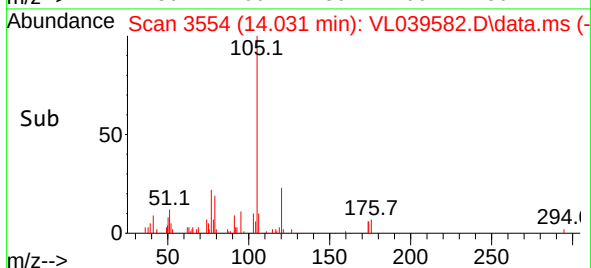
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

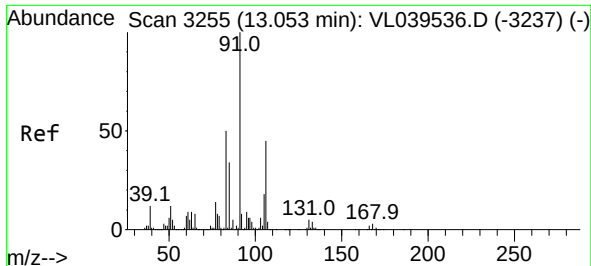


#62
Isopropylbenzene
Concen: 0.091 ppbv m
RT: 14.031 min Scan# 3554
Delta R.T. -0.006 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



Tgt Ion:105 Resp: 29743
Ion Ratio Lower Upper
105 100
120 0.8 20.7 31.1#





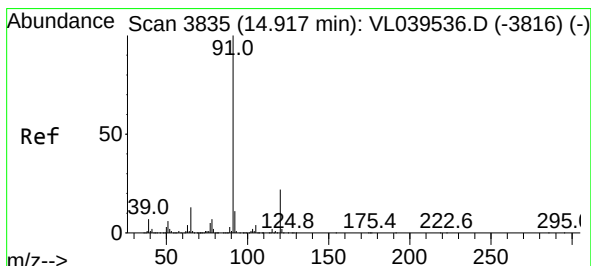
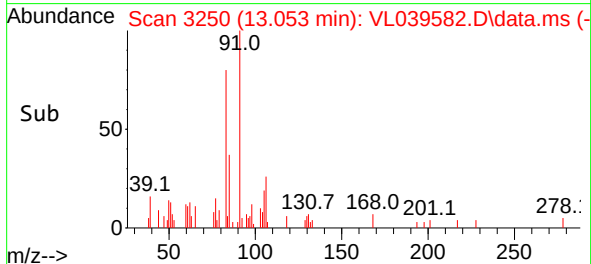
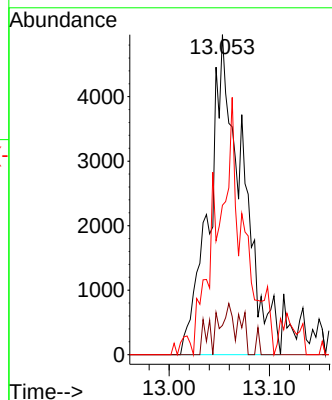
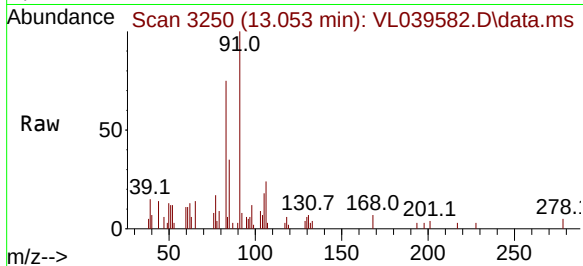
#63
1,1,2,2-Tetrachloroethane
Concen: 0.113 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 83 Resp: 11498
Ion Ratio Lower Upper
83 100
131 11.9 5.3 15.8
85 66.8 33.1 99.5

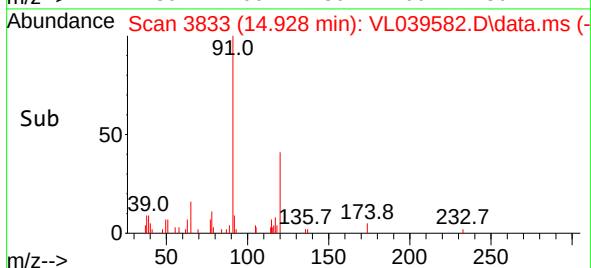
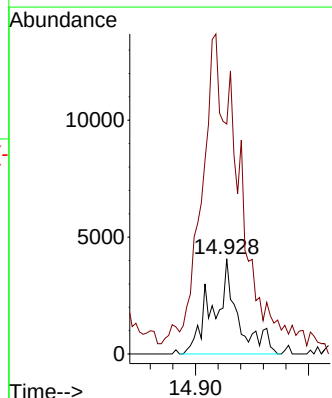
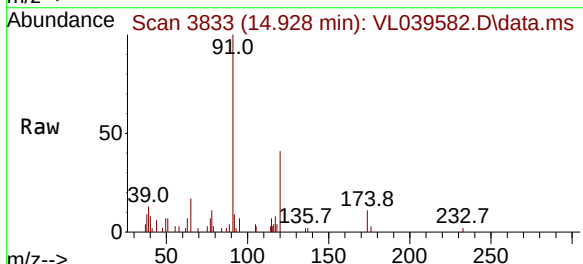
Manual Integrations
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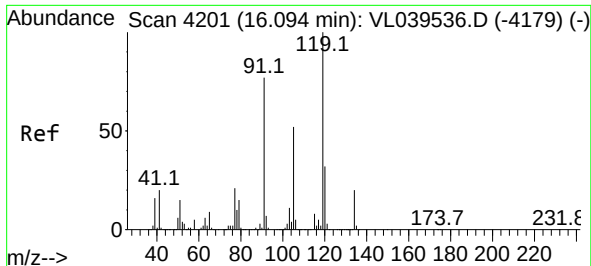
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#64
n-propylbenzene
Concen: 0.074 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

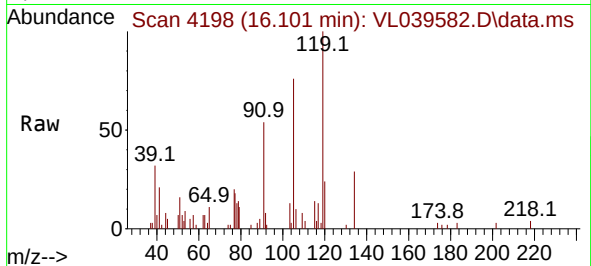
Tgt Ion:120 Resp: 6215
Ion Ratio Lower Upper
120 100
91 542.3 367.2 550.8





#65
tert-Butylbenzene
Concen: 0.079 ppbv m
RT: 16.101 min Scan# 4179
Delta R.T. 0.007 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

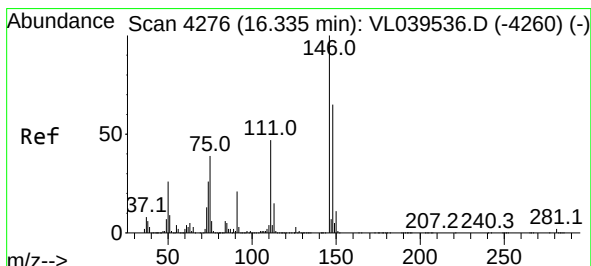
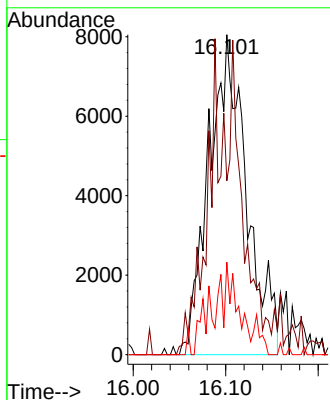
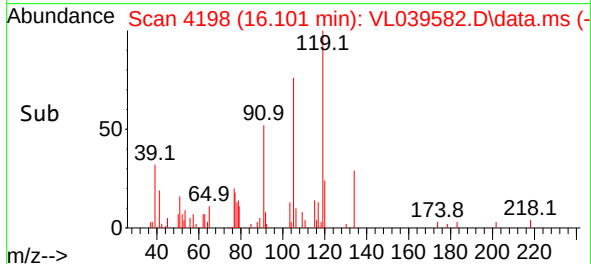
Instrument : MSVOA_L
ClientSampleId : MDL-AIR-03-QT3-2022



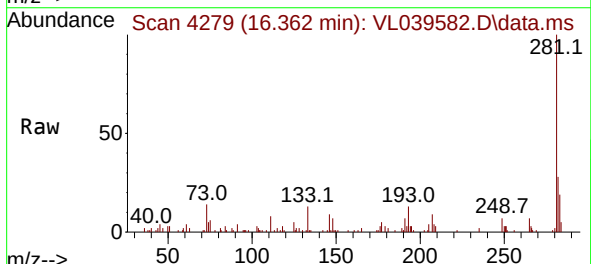
Tgt Ion: 119 Resp: 22810
Ion Ratio Lower Upper
119 100
91 84.0 63.4 95.2
134 0.0 15.9 23.9

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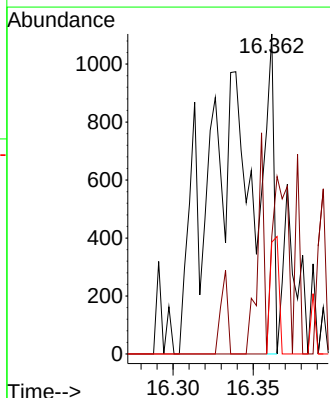
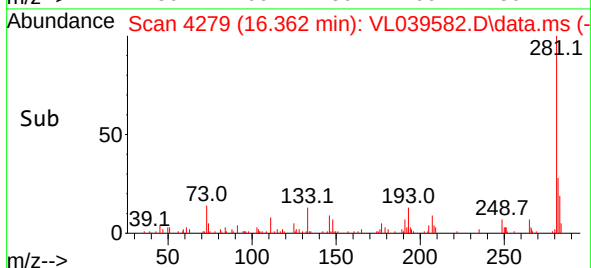
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

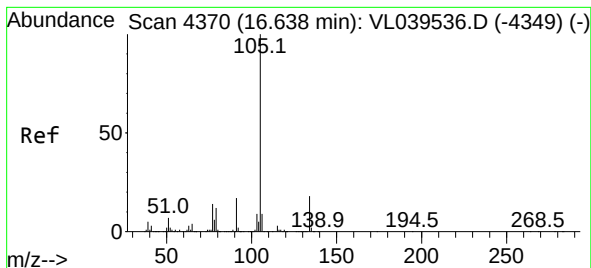


#66
Benzyl Chloride
Concen: 0.095 ppbv m
RT: 16.362 min Scan# 4279
Delta R.T. 0.026 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



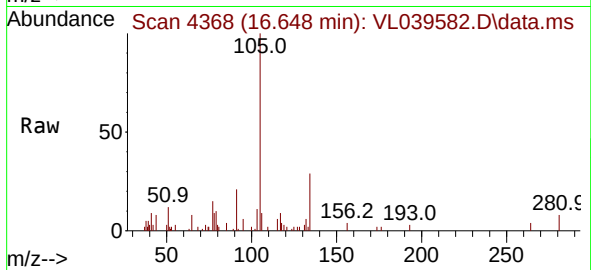
Tgt Ion: 91 Resp: 2239
Ion Ratio Lower Upper
91 100
126 3.8 13.1 19.7#
128 0.0 4.4 6.6#





#67
 sec-Butylbenzene
 Concen: 0.078 ppbv
 RT: 16.648 min Scan# 4370
 Delta R.T. 0.010 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

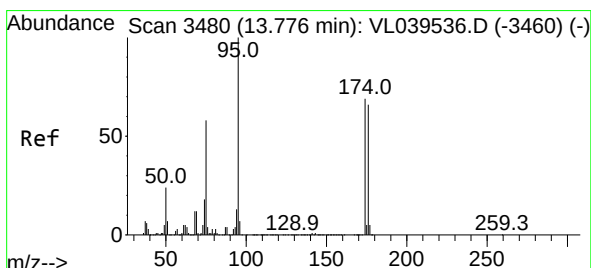
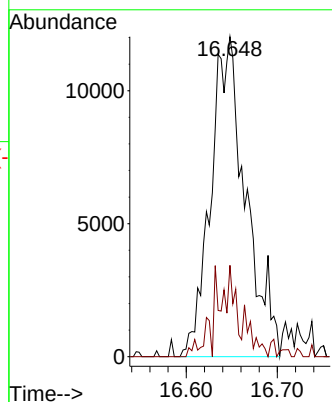
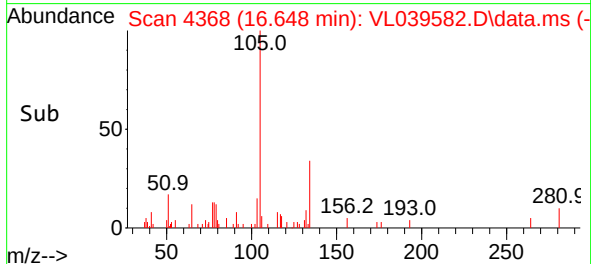
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



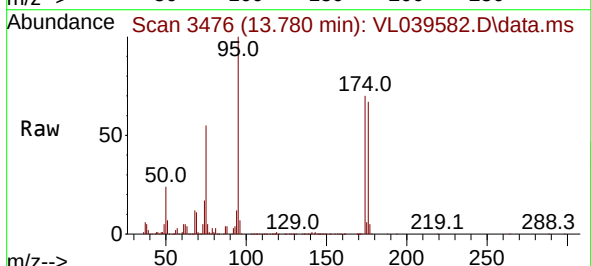
Tgt Ion: 105 Resp: 3198
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.8 22.2

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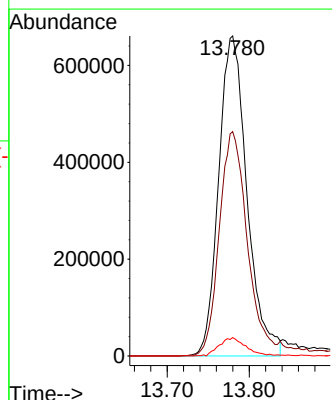
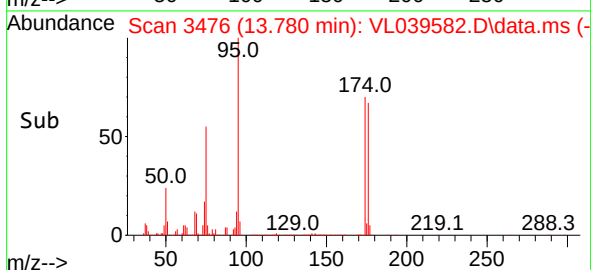
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

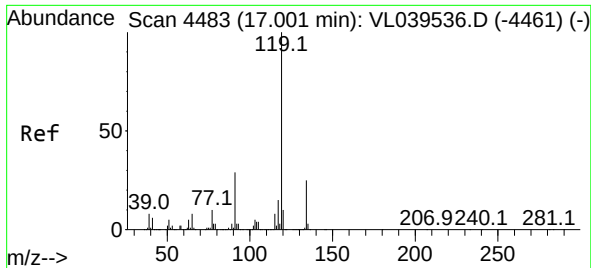


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.659 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.004 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41



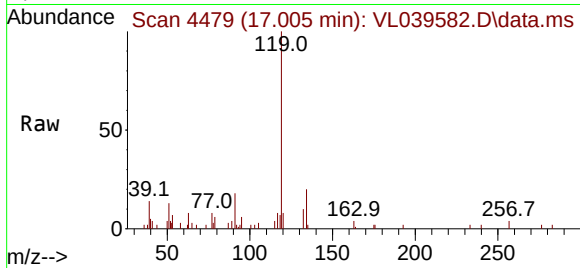
Tgt Ion: 95 Resp: 1584199
 Ion Ratio Lower Upper
 95 100
 174 75.3 55.9 83.9
 175 5.7 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.080 ppbv m
RT: 17.005 min Scan# 4483
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

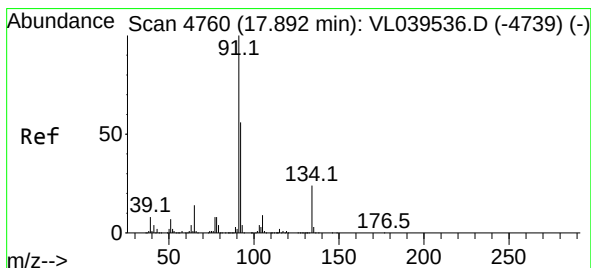
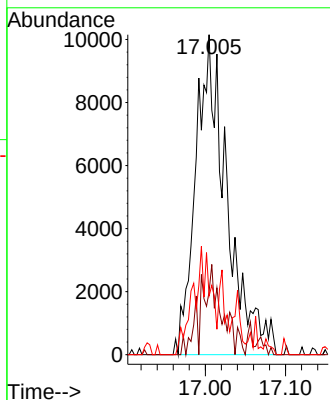
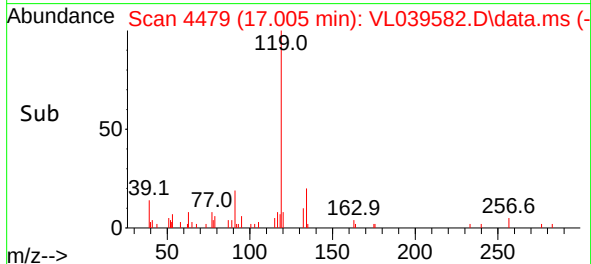
Instrument : MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



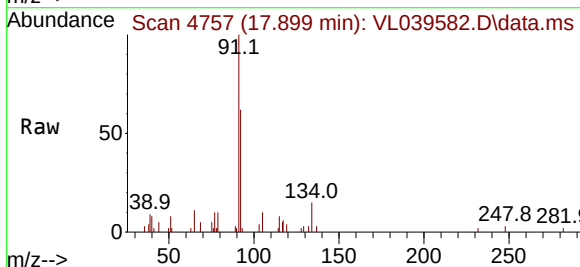
Tgt Ion: 119 Resp: 27318
Ion Ratio Lower Upper
119 100
134 22.0 20.3 30.5
91 0.0 22.9 34.3

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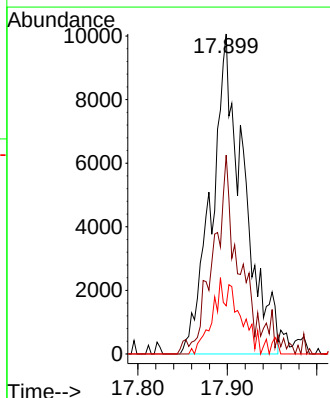
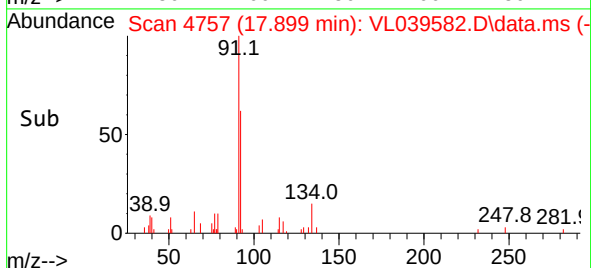
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

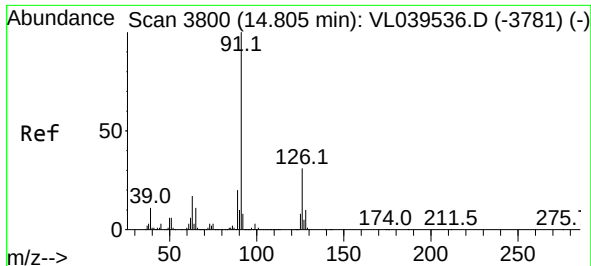


#70
n-Butylbenzene
Concen: 0.075 ppbv m
RT: 17.899 min Scan# 4757
Delta R.T. 0.007 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



Tgt Ion: 91 Resp: 25206
Ion Ratio Lower Upper
91 100
92 53.7 43.4 65.2
134 20.8 18.9 28.3





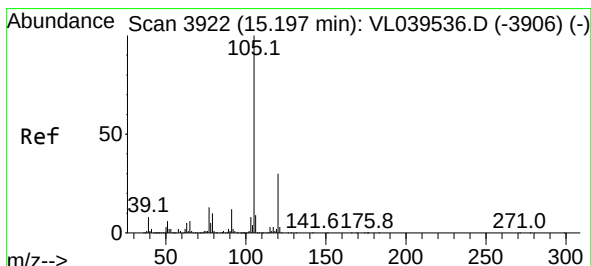
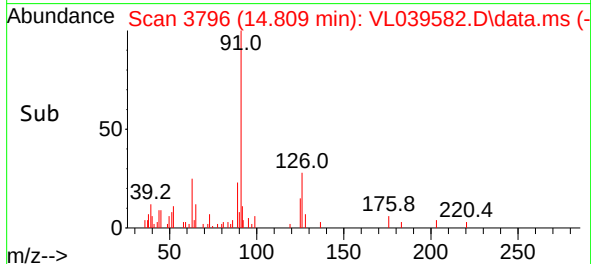
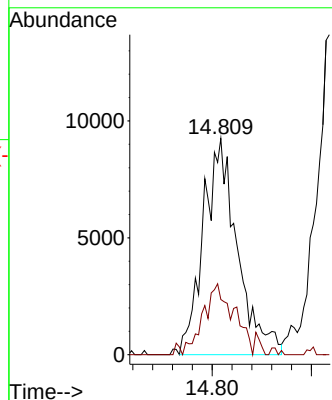
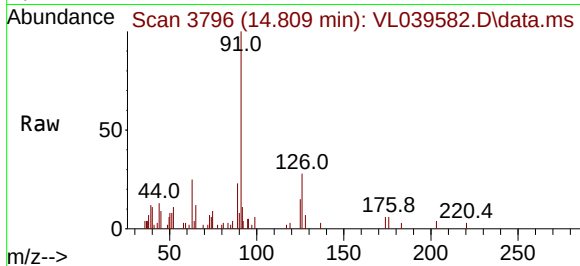
#71
2-Chlorotoluene
Concen: 0.093 ppbv m
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022

Tgt Ion: 91 Resp: 22020
Ion Ratio Lower Upper
91 100
126 32.3 13.0 51.8

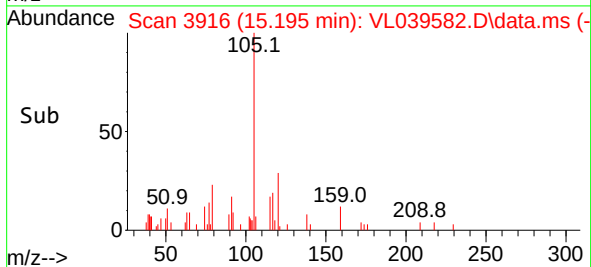
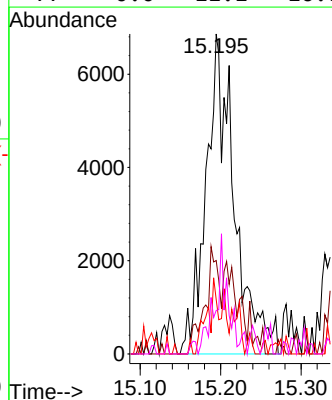
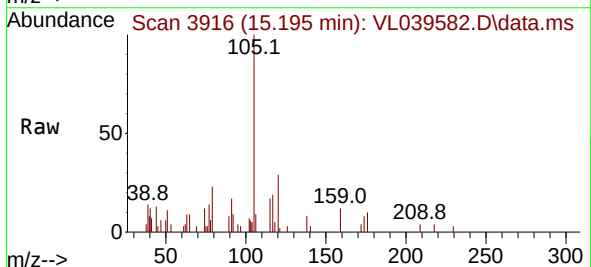
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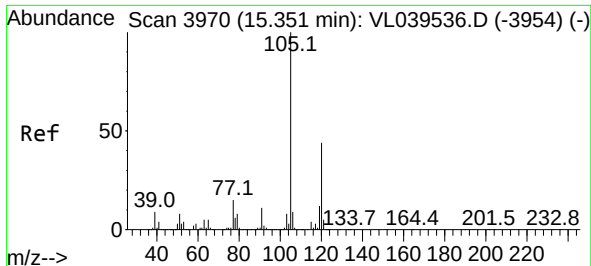
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#72
4-Ethyltoluene
Concen: 0.067 ppbv m
RT: 15.195 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

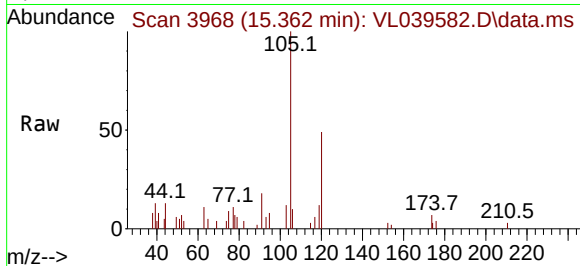
Tgt Ion:105 Resp: 16748
Ion Ratio Lower Upper
105 100
120 34.4 24.2 36.2
91 18.3 10.2 15.4#
77 0.0 11.1 16.7#





#73
 1,3,5-Trimethylbenzene
 Concen: 0.074 ppbv m
 RT: 15.362 min Scan# 3970
 Delta R.T. 0.010 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

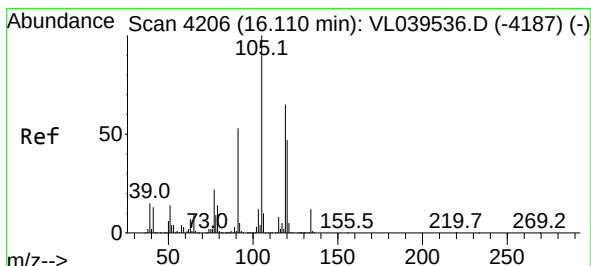
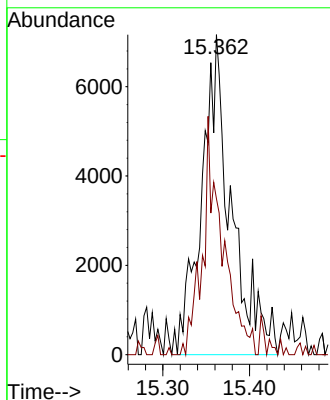
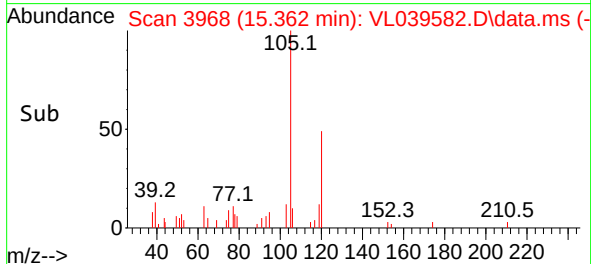
Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



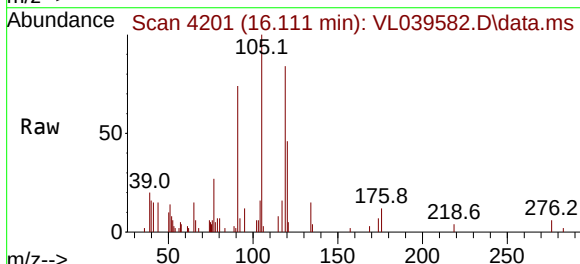
Tgt Ion:105 Resp: 16940
 Ion Ratio Lower Upper
 105 100
 120 48.7 38.2 57.4

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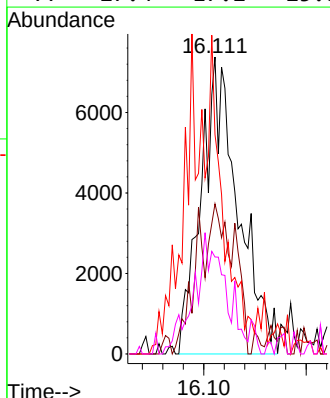
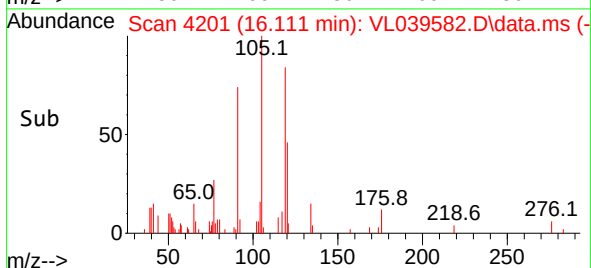
Reviewed By :Mahesh Dadoda 08/29/2022
 Supervised By :Semsettin Yesilyurt 08/29/2022

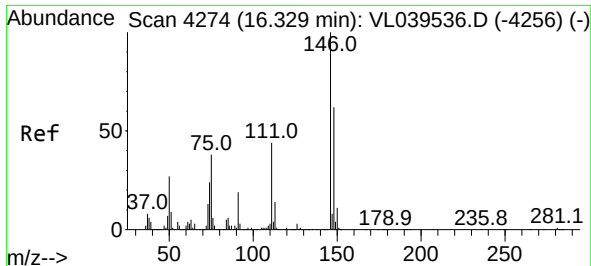


#74
 1,2,4-Trimethylbenzene
 Concen: 0.073 ppbv m
 RT: 16.111 min Scan# 4201
 Delta R.T. 0.001 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41



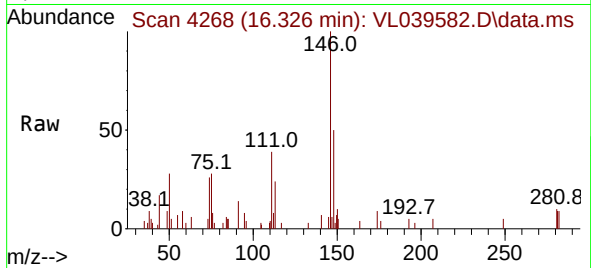
Tgt Ion:105 Resp: 18644
 Ion Ratio Lower Upper
 105 100
 120 45.8 39.5 59.3
 91 73.9 39.2 58.8#
 77 27.4 17.2 25.8#





#75
1,3-Dichlorobenzene
Concen: 0.112 ppbv m
RT: 16.326 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

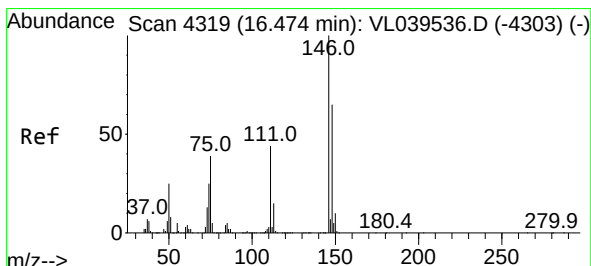
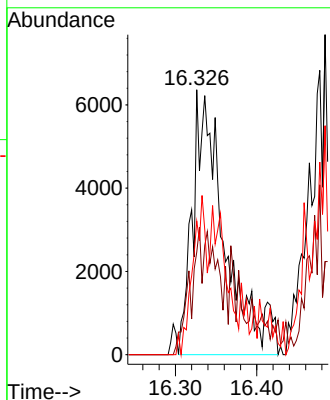
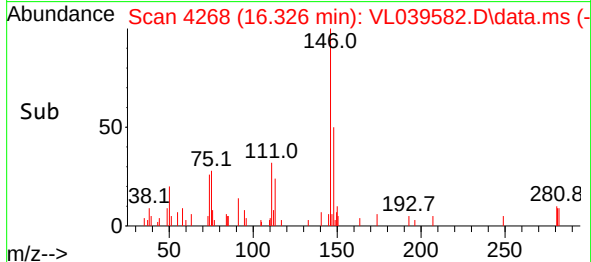
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



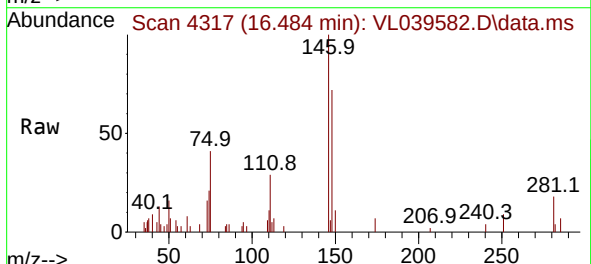
Tgt Ion:146 Resp: 1741
Ion Ratio Lower Upper
146 100
111 62.1 22.9 68.7
148 59.8 32.1 96.5

Manual Integrations
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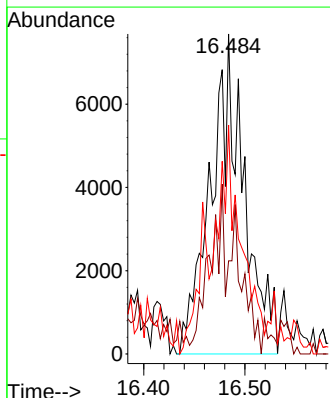
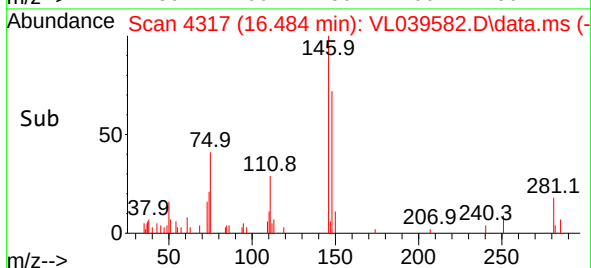
Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022

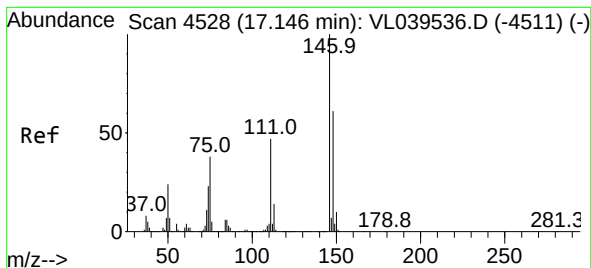


#76
1,4-Dichlorobenzene
Concen: 0.112 ppbv m
RT: 16.484 min Scan# 4317
Delta R.T. 0.010 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



Tgt Ion:146 Resp: 17428
Ion Ratio Lower Upper
146 100
111 45.7 22.9 68.8
148 0.0 33.6 100.8#





#77

1,2-Dichlorobenzene

Concen: 0.129 ppbv m

RT: 17.153 min Scan# 4525

Delta R.T. 0.007 min

Lab File: VL039582.D

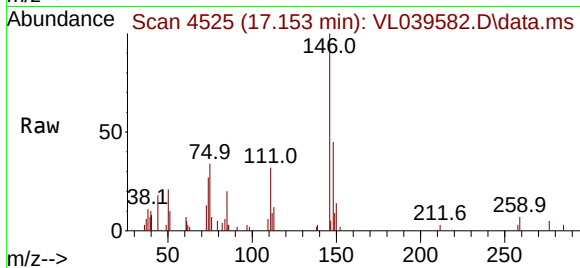
Acq: 25 Aug 2022 17:41

Instrument :

MSVOA_L

ClientSampleId :

MDL-AIR-03-QT3-2022

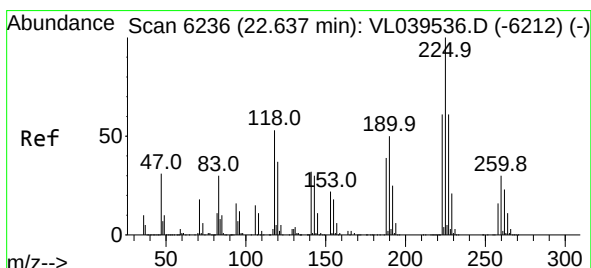
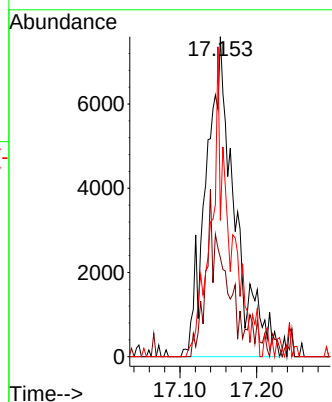
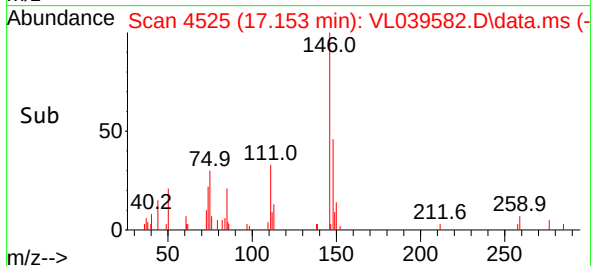


Tgt Ion:	146	Resp:	1962
Ion Ratio	Lower	Upper	
146	100		
111	38.3	23.8	71.5
148	0.0	32.3	96.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/29/2022
Supervised By :Semsettin Yesilyurt 08/29/2022



#78

Hexachloro-1,3-Butadiene

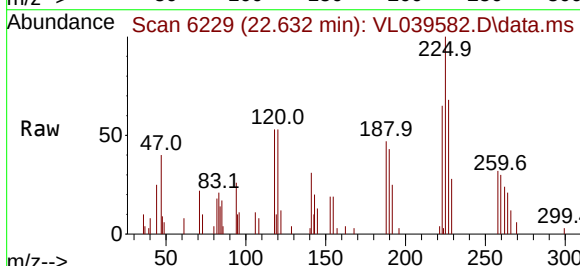
Concen: 0.133 ppbv m

RT: 22.632 min Scan# 6229

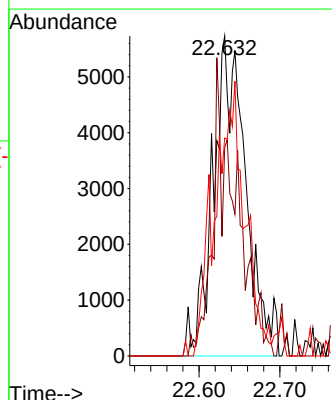
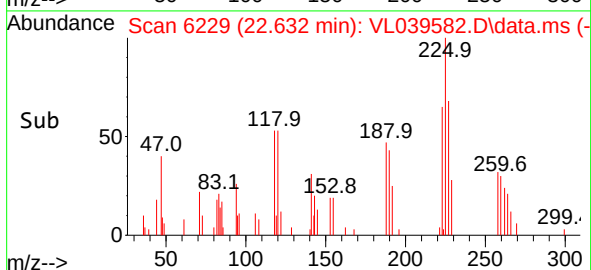
Delta R.T. -0.006 min

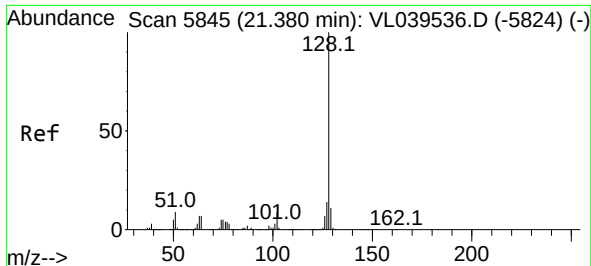
Lab File: VL039582.D

Acq: 25 Aug 2022 17:41



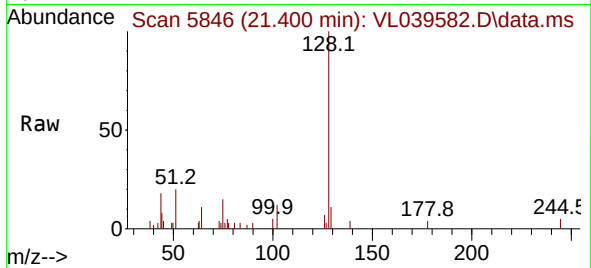
Tgt Ion:	225	Resp:	16175
Ion Ratio	Lower	Upper	
225	100		
223	0.0	51.8	77.6#
227	81.1	51.4	77.2#





#79
Naphthalene
Concen: 0.107 ppbv m
RT: 21.400 min Scan# 51
Delta R.T. 0.020 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41

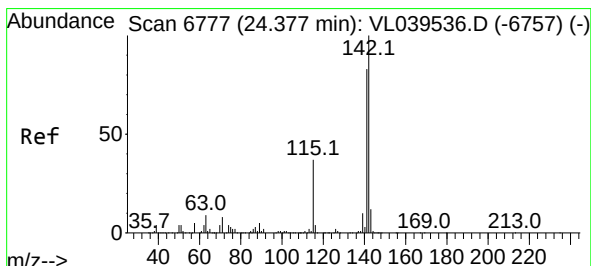
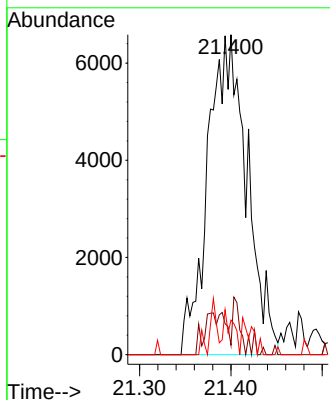
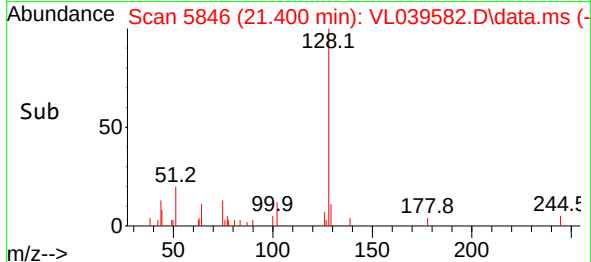
Instrument :
MSVOA_L
ClientSampleId :
MDL-AIR-03-QT3-2022



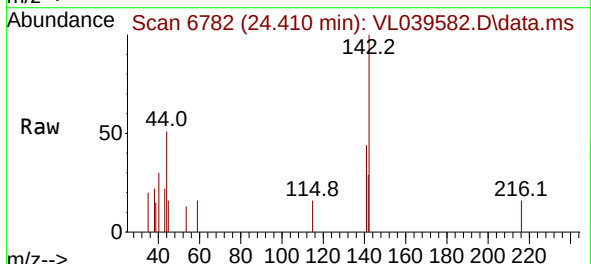
Tgt Ion:128 Resp: 19574
Ion Ratio Lower Upper
128 100
127 3.0 10.6 15.8#
129 10.8 8.8 13.2

Manual Integrations
APPROVED

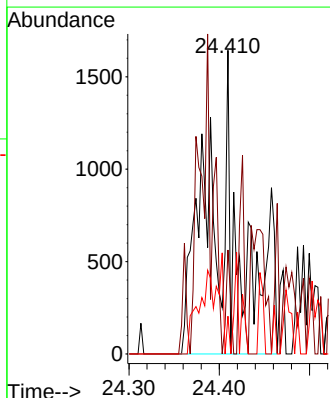
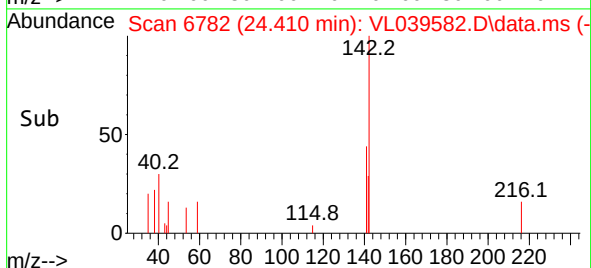
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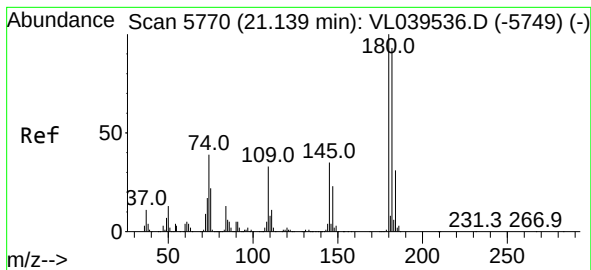


#80
Naphthalene,2-methyl-
Concen: 0.049 ppbv m
RT: 24.410 min Scan# 6782
Delta R.T. 0.033 min
Lab File: VL039582.D
Acq: 25 Aug 2022 17:41



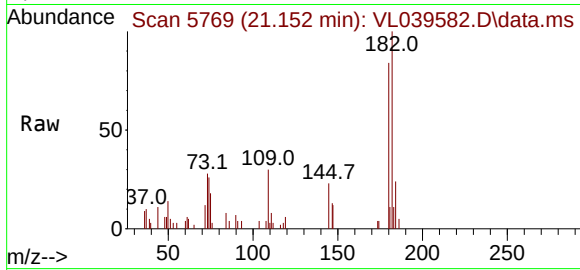
Tgt Ion:142 Resp: 3662
Ion Ratio Lower Upper
142 100
141 55.3 68.9 103.3#
115 0.0 30.0 45.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.106 ppbv m
 RT: 21.152 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL039582.D
 Acq: 25 Aug 2022 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 MDL-AIR-03-QT3-2022



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	77.1	115.7
184	31.9	24.3	36.5

Manual Integrations
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