

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040210.D
 Acq On : 22 Feb 2023 00:52
 Operator : SY/MD
 Sample : 01627-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

Quant Time: Feb 22 05:10:48 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

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

Internal Standards						
1) Bromochloromethane	5.192	49	809108	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.652	114	2056286	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.471	117	1858473	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1587438 10.387 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.723	85	74939	0.497	ppbv	99
3) Chlorodifluoromethane	2.671	51	45803	0.474	ppbv	100
4) Chloromethane	2.809	50	26902	0.443	ppbv	89
5) Vinyl Chloride	2.912	62	21206	0.435	ppbv	91
6) Bromomethane	3.115	94	7177	0.408	ppbv	99
7) Chloroethane	3.195	64	8054	0.416	ppbv #	79
8) Dichlorotetrafluoroethane	2.851	85	55999	0.431	ppbv	94
9) Propene	2.694	41	17006	0.432	ppbv	99
10) Heptane	7.581	43	31471	0.336	ppbv	98
11) Trichlorofluoromethane	3.559	101	60972	0.451	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	47479m	0.476	ppbv	
13) Ethanol	3.253	45	1587	0.438	ppbv #	16
14) Bromoethene	3.359	108	15807	0.413	ppbv #	89
15) Acetone	3.481	43	46966	0.482	ppbv	92
16) 1,3-Butadiene	2.980	39	17637	0.396	ppbv	91
17) tert-Butyl alcohol	3.896	59	35106	0.395	ppbv	95
18) 1,1-Dichloroethene	3.877	96	19620	0.452	ppbv	92
19) Isopropyl Alcohol	3.597	45	22180	0.479	ppbv #	86
20) Methylene Chloride	3.932	84	28314	0.558	ppbv #	95
21) Allyl Chloride	3.993	41	24535	0.411	ppbv	97
22) trans-1,2-Dichloroethene	4.443	96	17824	0.397	ppbv	96
23) Vinyl Acetate	4.629	43	12961m	0.438	ppbv	
24) 1,1-Dichloroethane	4.565	63	40257	0.436	ppbv	96
25) Ethyl Acetate	5.214	43	72121	0.398	ppbv	97
26) Hexane	5.214	57	31057m	0.400	ppbv	
27) Carbon Disulfide	4.124	76	38527m	0.391	ppbv	
28) Methyl tert-Butyl Ether	4.597	73	35072m	0.421	ppbv	
29) Chloroform	5.272	83	59422	0.445	ppbv	97
30) Cyclohexane	6.597	84	31798m	0.521	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	32116m	0.435	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	50795	0.405	ppbv	93
34) 2-Butanone	4.800	43	42186	0.416	ppbv	93
35) Carbon Tetrachloride	6.491	117	51307	0.422	ppbv	95
36) Benzene	6.375	78	57512	0.359	ppbv	96
37) 1,2-Dichloroethane	5.809	62	43484m	0.434	ppbv	
38) Trichloroethene	7.292	130	34817m	0.395	ppbv	
39) 1,2-Dichloropropane	7.070	63	26868m	0.432	ppbv	
40) 1,4-Dioxane	7.324	88	9634m	0.387	ppbv	
41) Tetrahydrofuran	5.581	42	21633m	0.368	ppbv	
42) Bromodichloromethane	7.250	83	52243	0.378	ppbv	91
43) Methyl Methacrylate	7.484	69	18622m	0.314	ppbv	
44) 2,2,4-Trimethylpentane	7.327	57	94022	0.352	ppbv #	91
45) t-1,3-Dichloropropene	8.722	75	15319m	0.292	ppbv	

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

Quant Time: Feb 22 05:10:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Feb 22 03:17:31 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

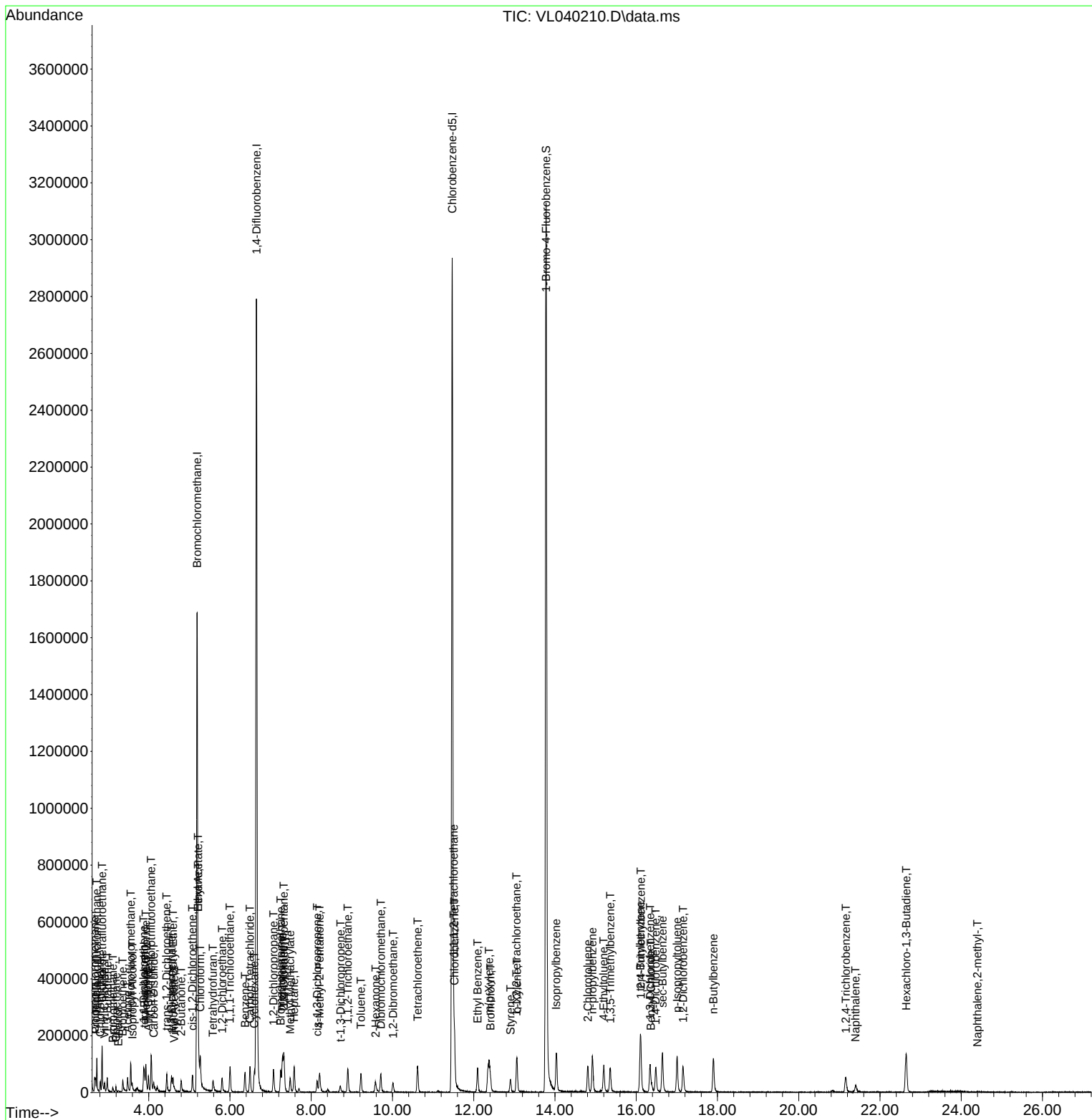
Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

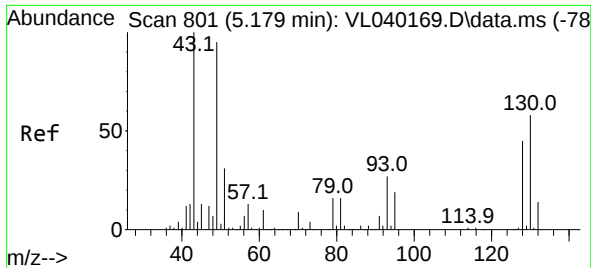
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	20784	0.284	ppbv	90
47) 1,1,2-Trichloroethane	8.899	97	26565	0.395	ppbv	96
48) Dibromochloromethane	9.716	129	36938m	0.343	ppbv	
49) Bromoform	12.414	173	26912m	0.320	ppbv	
50) 4-Methyl-2-Pentanone	8.208	43	53092	0.337	ppbv	97
51) 2-Hexanone	9.587	43	38523m	0.318	ppbv	
52) Tetrachloroethene	10.623	164	19733	0.395	ppbv #	78
53) Toluene	9.224	91	50878	0.297	ppbv	99
54) 1,2-Dibromoethane	10.015	107	26613m	0.380	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	29873	0.383	ppbv #	1
57) Chlorobenzene	11.529	112	56167	0.414	ppbv	93
58) Ethyl Benzene	12.095	91	69798m	0.309	ppbv	
59) m/p-Xylene	12.378	91	139811m	0.699	ppbv	
60) o-Xylene	13.066	91	63698m	0.331	ppbv	
61) Styrene	12.905	104	26440m	0.262	ppbv	
62) Isopropylbenzene	14.031	105	99727	0.361	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.053	83	30774m	0.444	ppbv	
64) n-propylbenzene	14.925	120	24228m	0.354	ppbv	
65) tert-Butylbenzene	16.101	119	83879m	0.349	ppbv	
66) Benzyl Chloride	16.359	91	4969m	0.311	ppbv	
67) sec-Butylbenzene	16.648	105	121359	0.352	ppbv	99
69) p-Isopropyltoluene	17.008	119	89950m	0.329	ppbv	
70) n-Butylbenzene	17.899	91	103464m	0.349	ppbv	
71) 2-Chlorotoluene	14.809	91	71807m	0.340	ppbv	
72) 4-Ethyltoluene	15.201	105	68325	0.321	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	68070m	0.344	ppbv	
74) 1,2,4-Trimethylbenzene	16.118	105	81628m	0.375	ppbv	
75) 1,3-Dichlorobenzene	16.343	146	46977m	0.395	ppbv	
76) 1,4-Dichlorobenzene	16.478	146	46867m	0.402	ppbv	
77) 1,2-Dichlorobenzene	17.153	146	44684	0.378	ppbv	94
78) Hexachloro-1,3-Butadiene	22.645	225	34186m	0.421	ppbv	
79) Naphthalene	21.400	128	30026m	0.246	ppbv	
80) Naphthalene,2-methyl-	24.397	142	4024m	0.116	ppbv	
81) 1,2,4-Trichlorobenzene	21.159	180	22840m	0.299	ppbv	

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

Manual Integrations

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Feb 22 03:17:31 2023
Response via : Initial Calibration





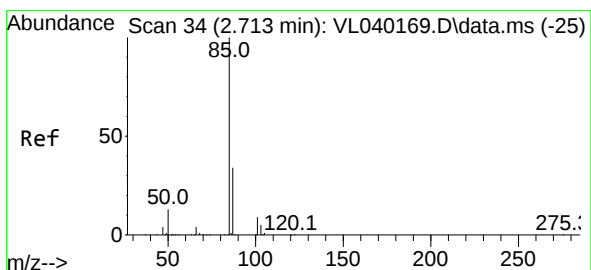
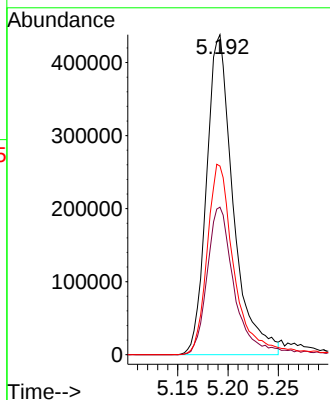
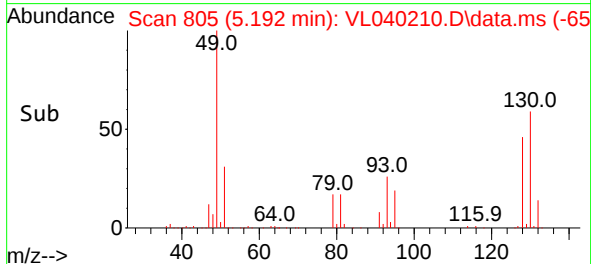
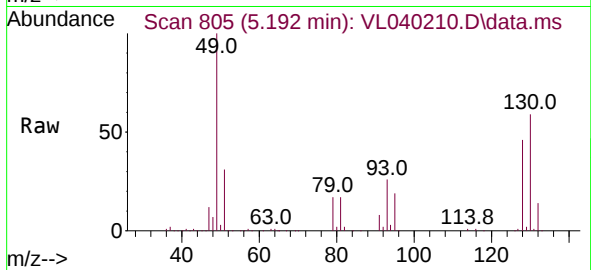
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. -0.013 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 49 Resp: 809108
Ion Ratio Lower Upper
49 100
128 47.8 24.1 72.3
130 62.2 30.9 92.8

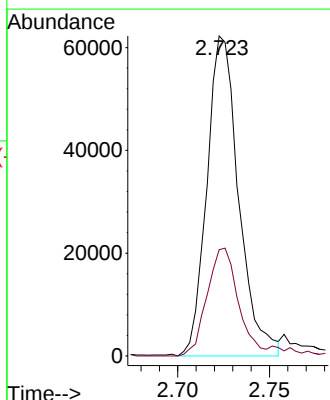
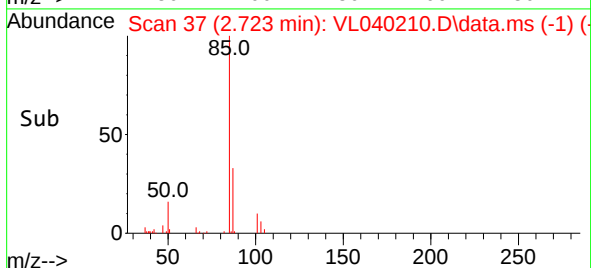
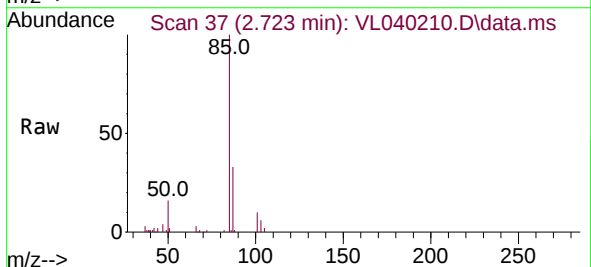
Manual Integrations
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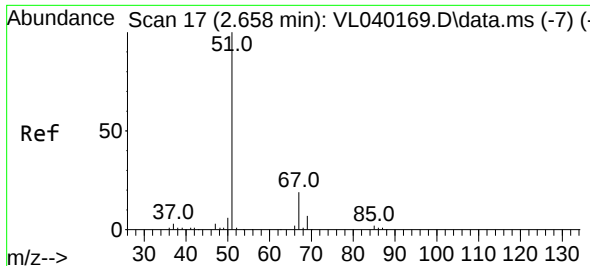
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 0.497 ppbv
RT: 2.723 min Scan# 37
Delta R.T. -0.006 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

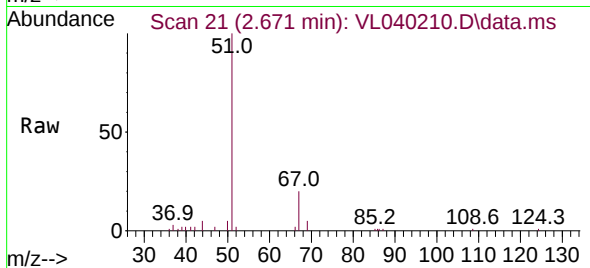
Tgt Ion: 85 Resp: 74939
Ion Ratio Lower Upper
85 100
87 33.2 27.0 40.6





#3
Chlorodifluoromethane
Concen: 0.474 ppbv
RT: 2.671 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

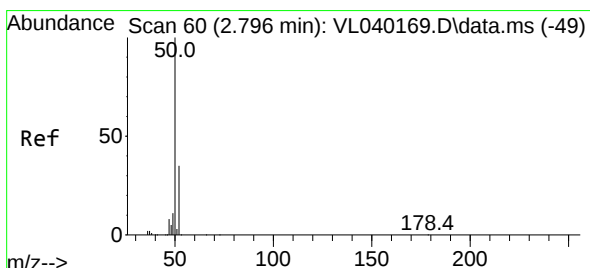
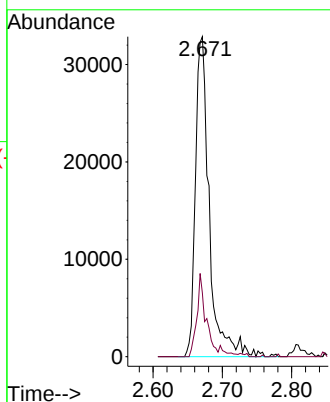
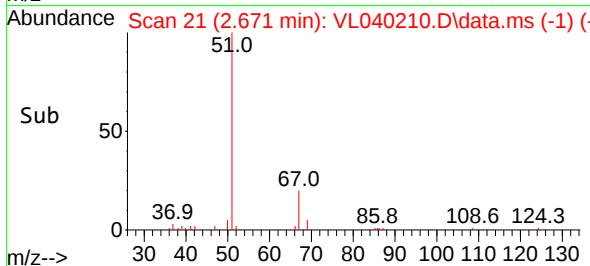
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 51 Resp: 4580
Ion Ratio Lower Upper
51 100
67 19.2 15.4 23.2

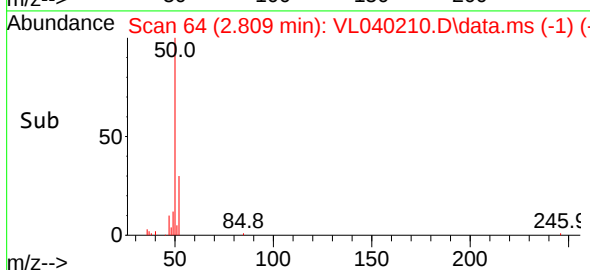
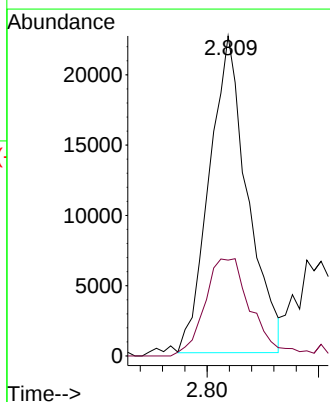
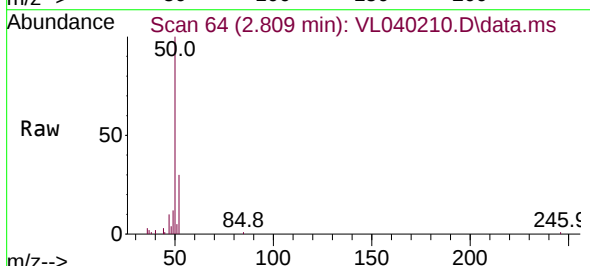
Manual Integrations
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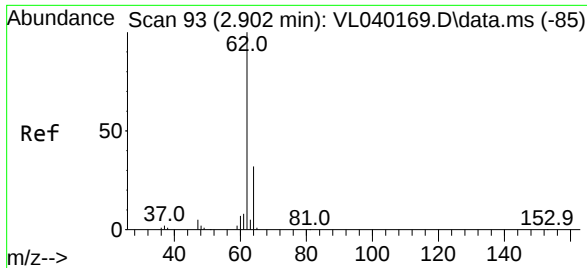
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#4
Chloromethane
Concen: 0.443 ppbv
RT: 2.809 min Scan# 64
Delta R.T. -0.003 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

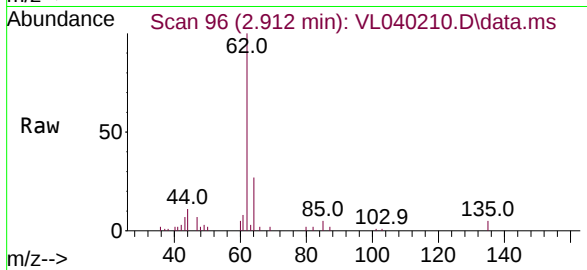
Tgt Ion: 50 Resp: 26902
Ion Ratio Lower Upper
50 100
52 29.1 28.3 42.5





#5
 Vinyl Chloride
 Concen: 0.435 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.010 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

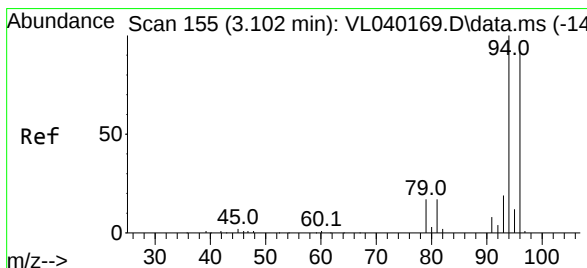
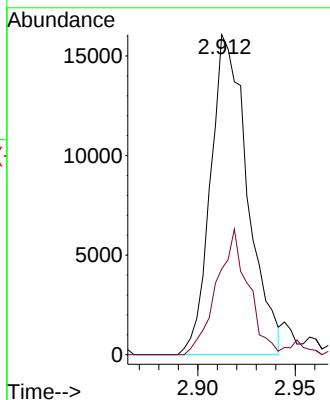
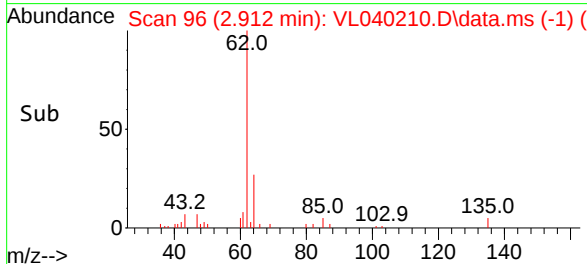
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 62 Resp: 21200
 Ion Ratio Lower Upper
 62 100
 64 26.8 25.6 38.4

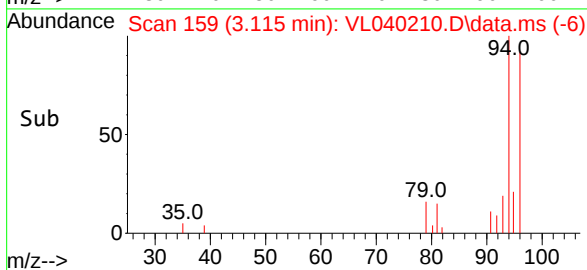
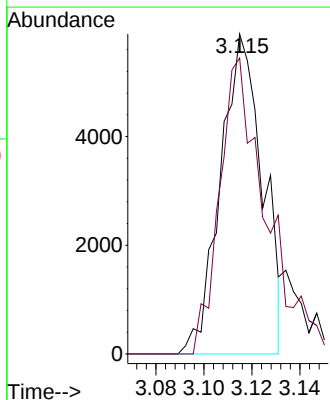
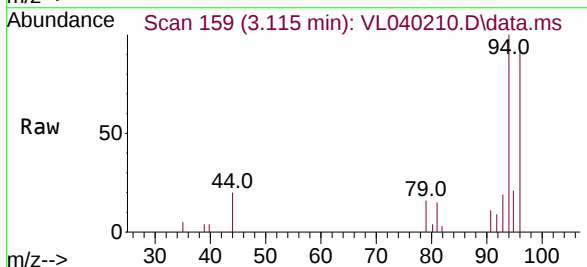
Manual Integrations
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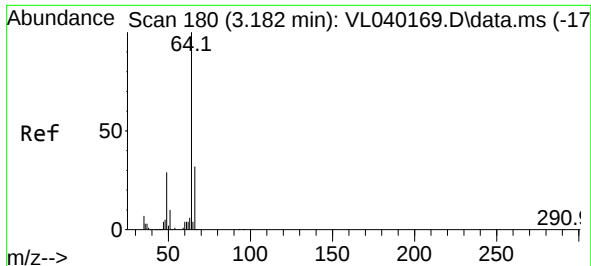
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#6
 Bromomethane
 Concen: 0.408 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.010 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

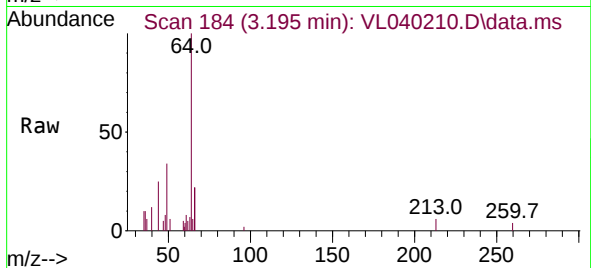
Tgt Ion: 94 Resp: 7177
 Ion Ratio Lower Upper
 94 100
 96 92.5 73.4 110.2





#7
Chloroethane
Concen: 0.416 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

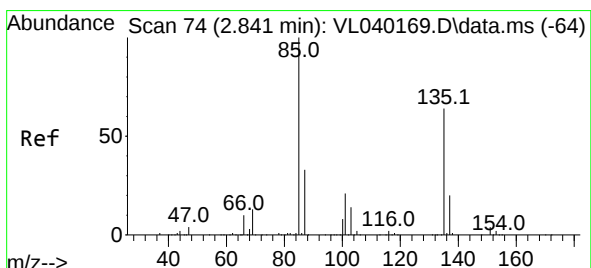
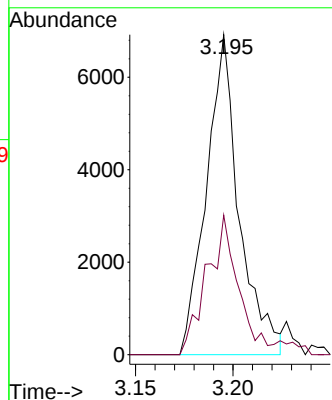
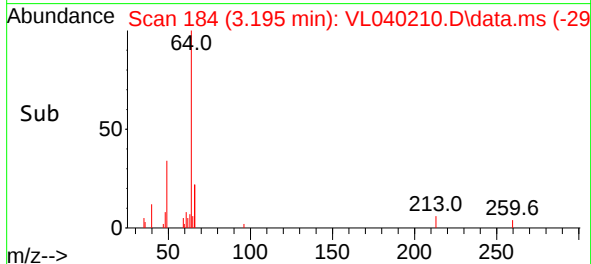
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 64 Resp: 8054
Ion Ratio Lower Upper
64 100
66 43.6 25.4 38.2

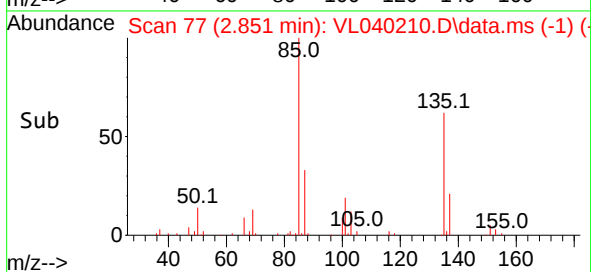
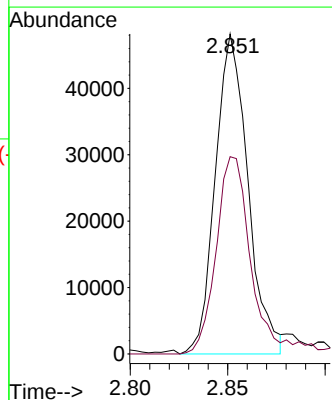
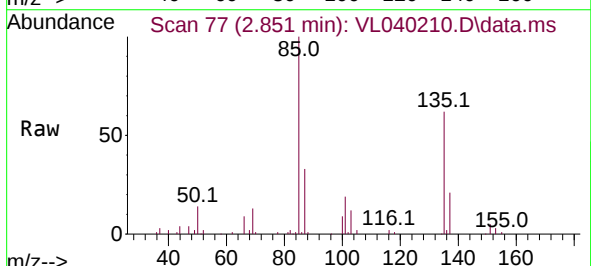
Manual Integrations
APPROVED

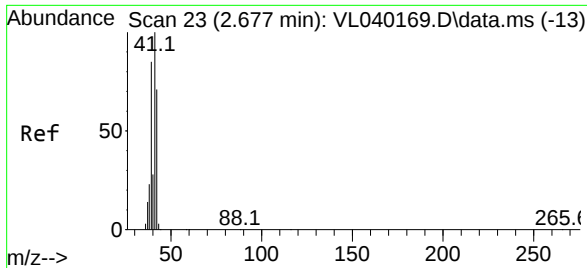
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#8
Dichlorotetrafluoroethane
Concen: 0.431 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.006 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

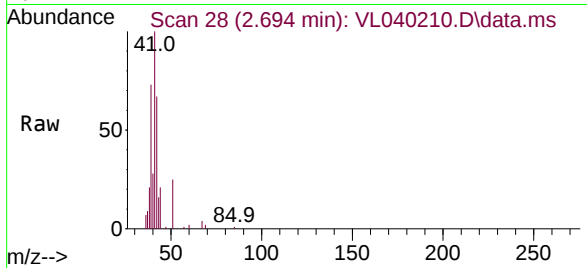
Tgt Ion: 85 Resp: 55999
Ion Ratio Lower Upper
85 100
135 68.7 51.5 77.3





#9
 Propene
 Concen: 0.432 ppbv
 RT: 2.694 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

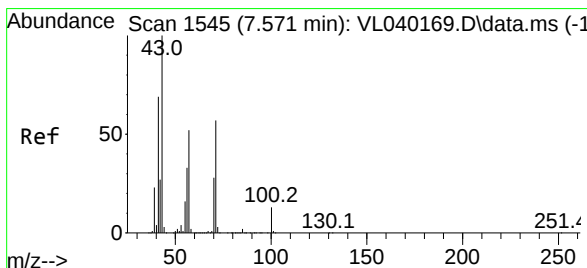
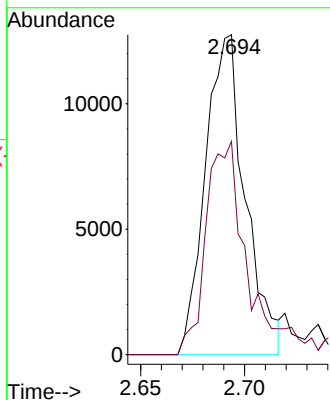
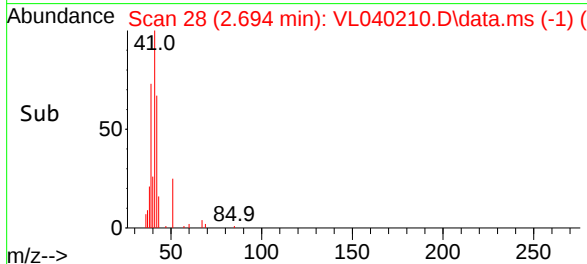
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 41 Resp: 17000
 Ion Ratio Lower Upper
 41 100
 42 72.1 56.9 85.3

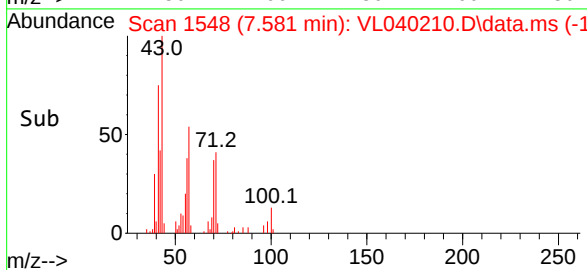
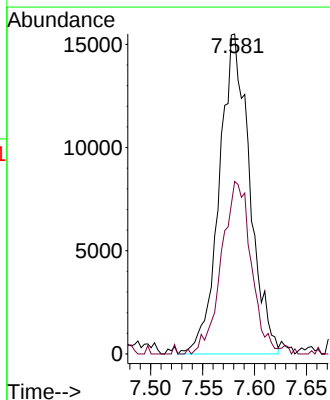
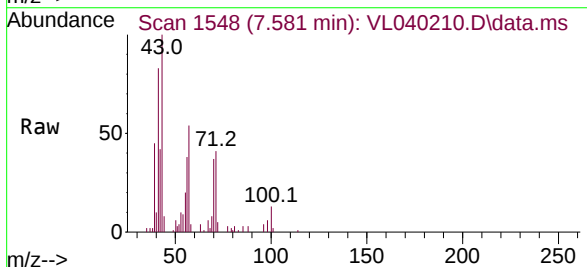
Manual Integrations
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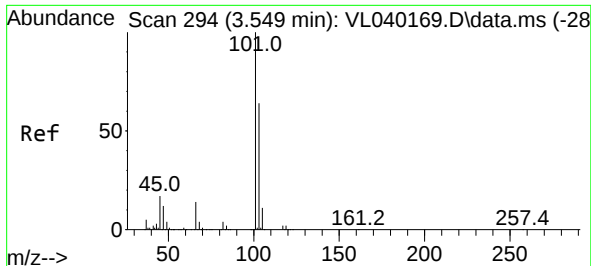
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#10
 Heptane
 Concen: 0.336 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.022 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

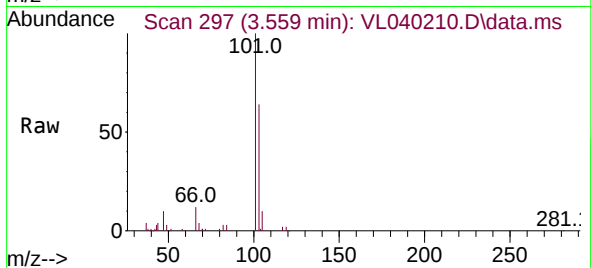
Tgt Ion: 43 Resp: 31471
 Ion Ratio Lower Upper
 43 100
 57 53.5 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.451 ppbv
RT: 3.559 min Scan# 294
Delta R.T. -0.010 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

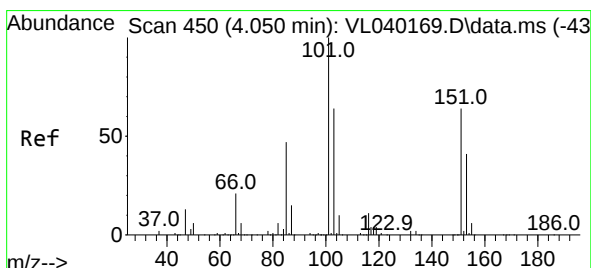
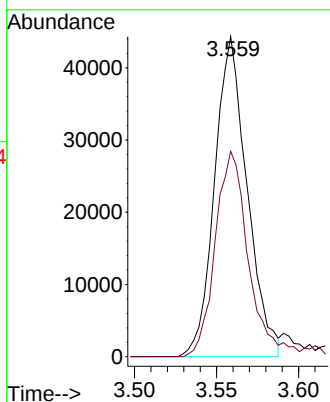
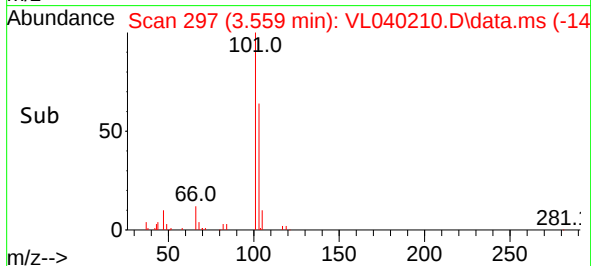
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:101 Resp: 60972
Ion Ratio Lower Upper
101 100
103 64.2 51.0 76.6

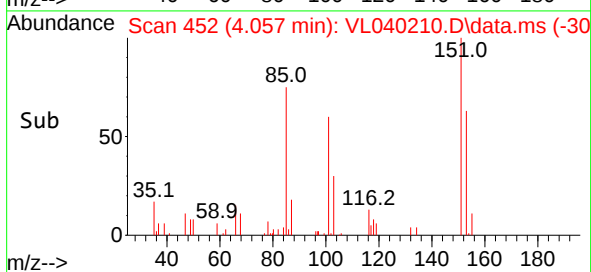
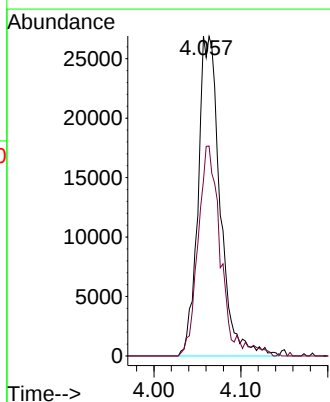
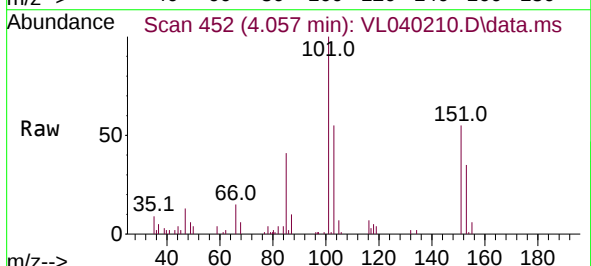
Manual Integrations
APPROVED

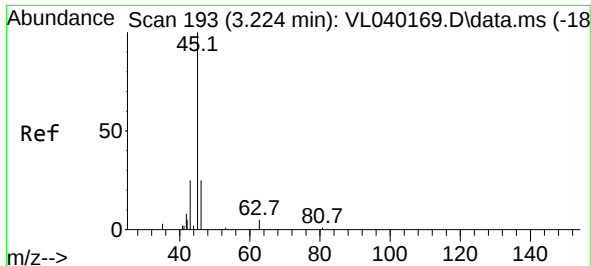
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.476 ppbv m
RT: 4.057 min Scan# 452
Delta R.T. -0.016 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion:101 Resp: 47479
Ion Ratio Lower Upper
101 100
151 67.6 54.7 82.1





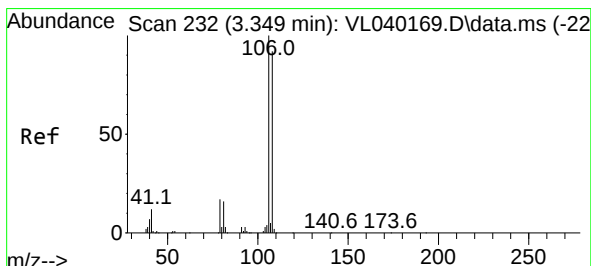
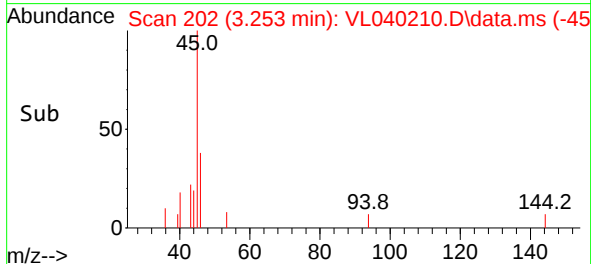
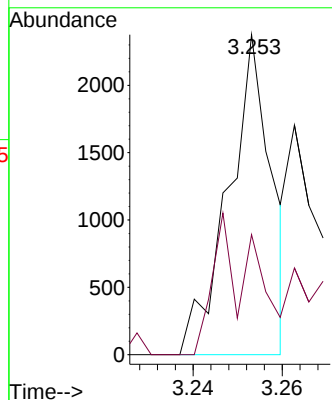
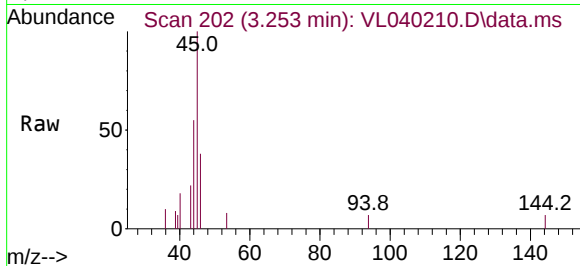
#13
Ethanol
Concen: 0.438 ppbv
RT: 3.253 min Scan# 202
Delta R.T. 0.003 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 45 Resp: 158
Ion Ratio Lower Upper
45 100
46 81.0 13.3 53.1

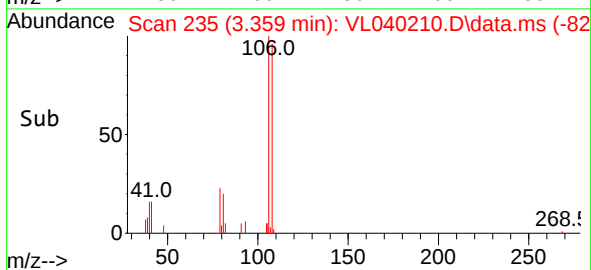
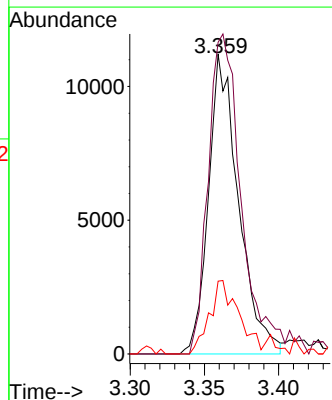
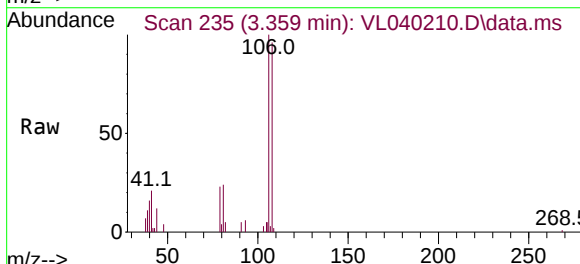
Manual Integrations
APPROVED

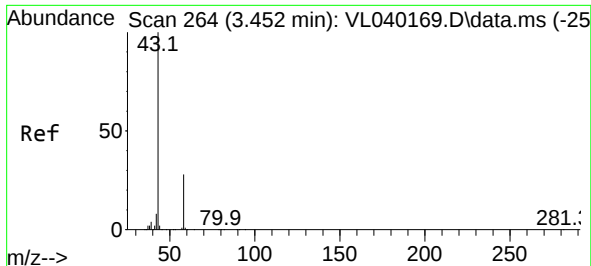
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#14
Bromoethene
Concen: 0.413 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.010 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

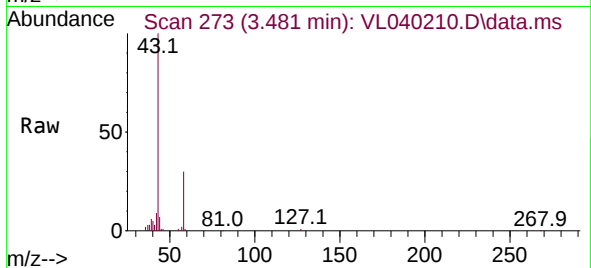
Tgt Ion:108 Resp: 15807
Ion Ratio Lower Upper
108 100
106 119.1 87.1 130.7
79 27.3 15.4 23.2





#15
Acetone
Concen: 0.482 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

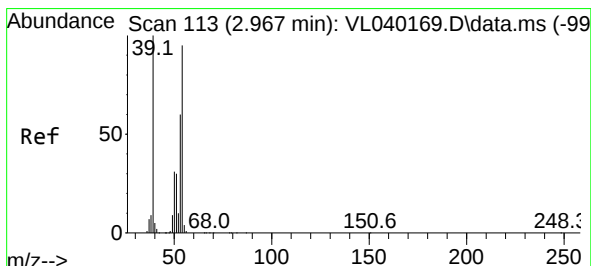
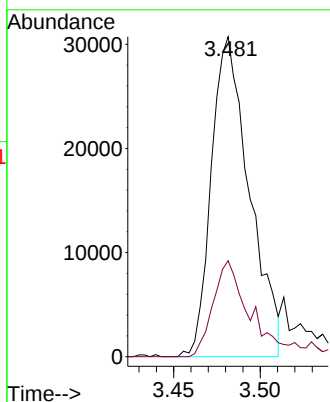
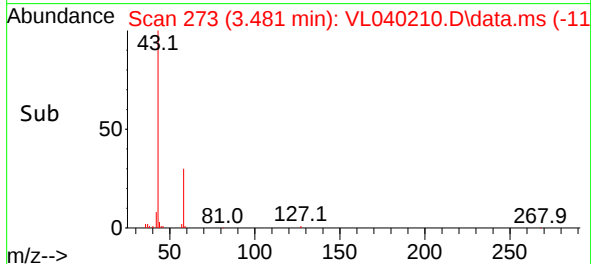
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



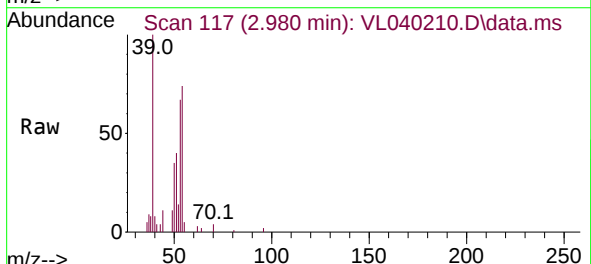
Tgt Ion: 43 Resp: 46960
Ion Ratio Lower Upper
43 100
58 32.2 22.4 33.6

Manual Integrations
APPROVED

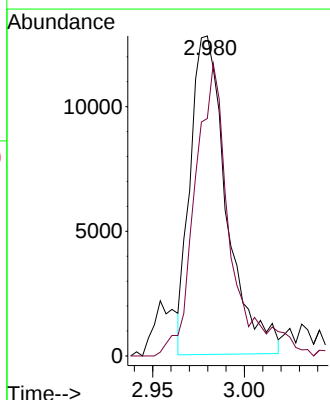
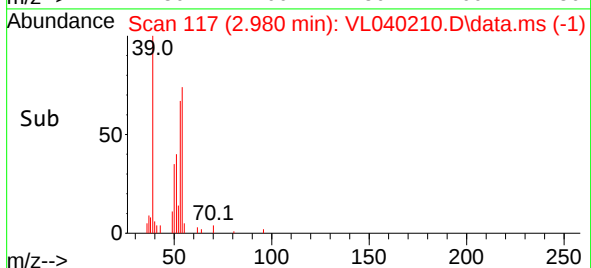
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

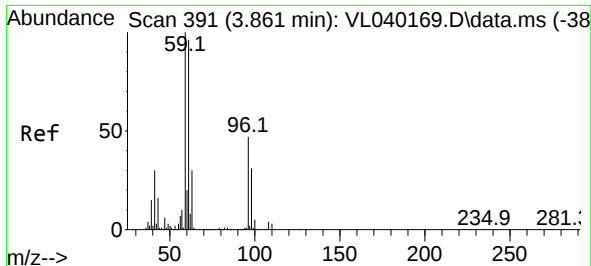


#16
1,3-Butadiene
Concen: 0.396 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52



Tgt Ion: 39 Resp: 17637
Ion Ratio Lower Upper
39 100
54 91.3 66.7 100.1





#17

tert-Butyl alcohol

Concen: 0.395 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.010 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 59 Resp: 35100

Ion Ratio Lower Upper

59 100

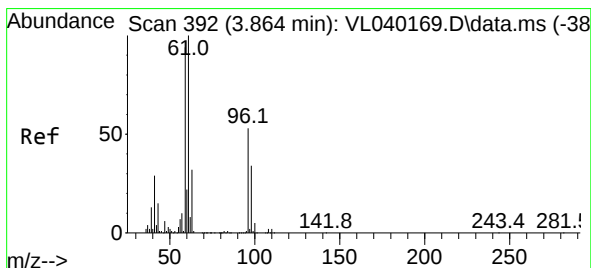
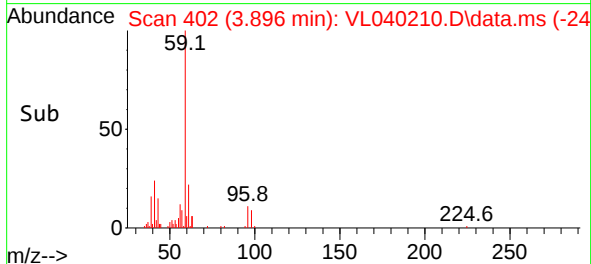
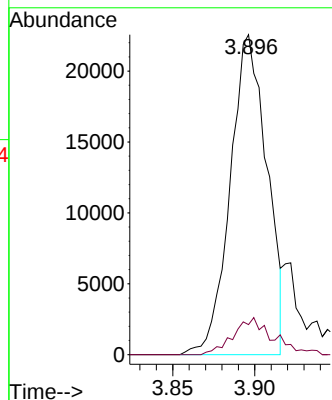
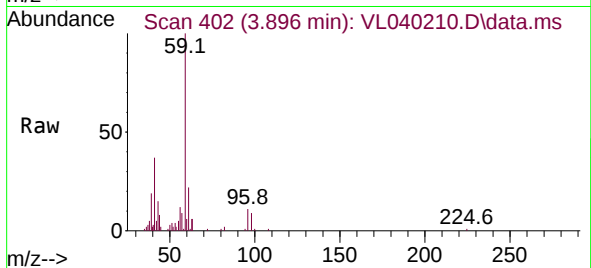
57 12.5 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#18

1,1-Dichloroethene

Concen: 0.452 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

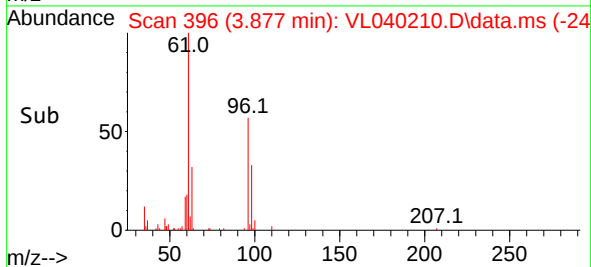
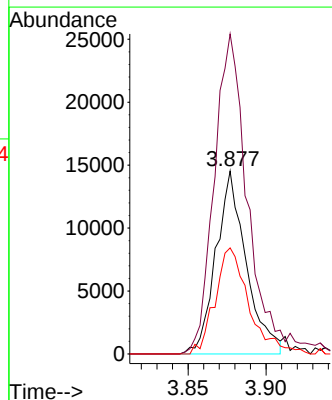
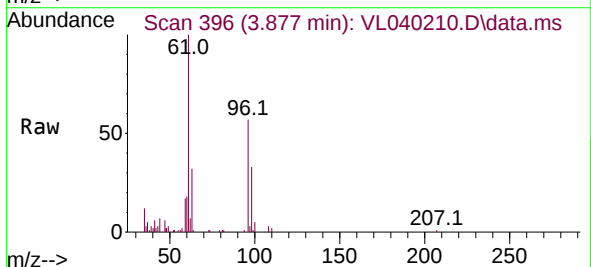
Tgt Ion: 96 Resp: 19620

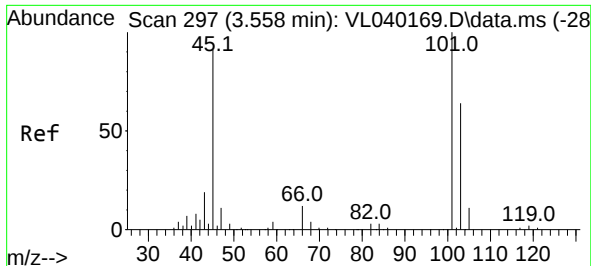
Ion Ratio Lower Upper

96 100

61 175.0 149.6 224.4

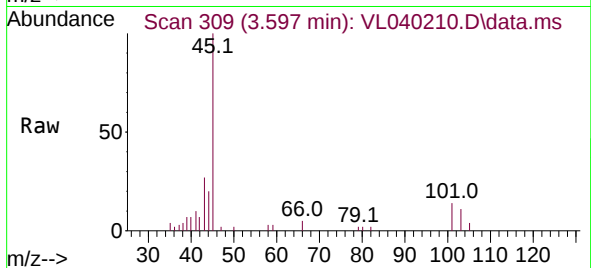
98 58.0 51.1 76.7





#19
Isopropyl Alcohol
Concen: 0.479 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.016 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

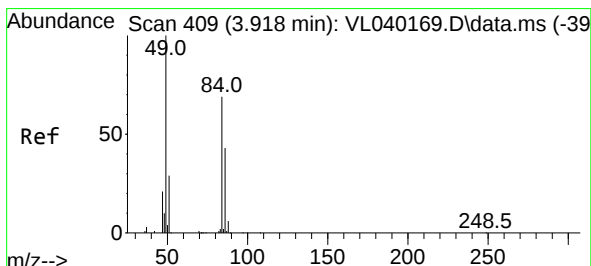
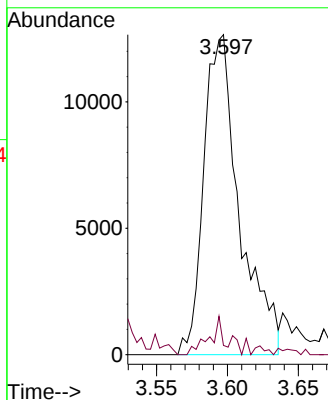
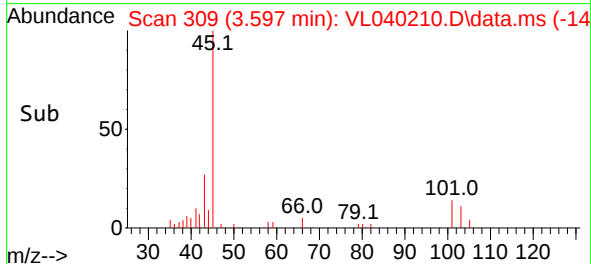
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



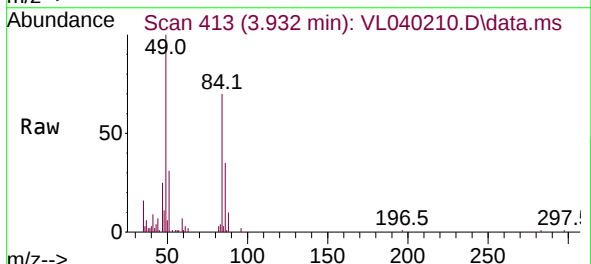
Tgt Ion: 45 Resp: 22180
Ion Ratio Lower Upper
45 100
58 8.0 2.6 3.8

Manual Integrations
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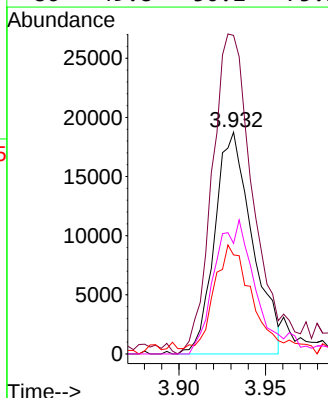
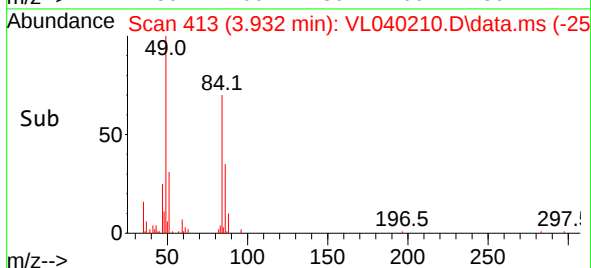
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

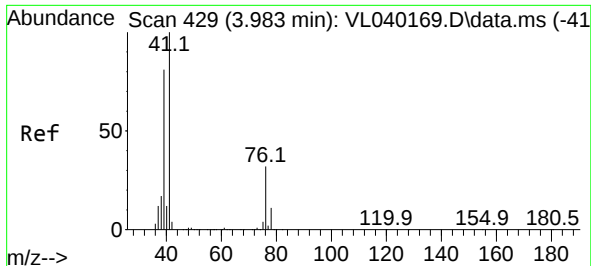


#20
Methylene Chloride
Concen: 0.558 ppbv
RT: 3.932 min Scan# 413
Delta R.T. -0.006 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52



Tgt Ion: 84 Resp: 28314
Ion Ratio Lower Upper
84 100
49 143.6 115.5 173.3
51 42.3 33.1 49.7
86 49.8 50.2 75.2





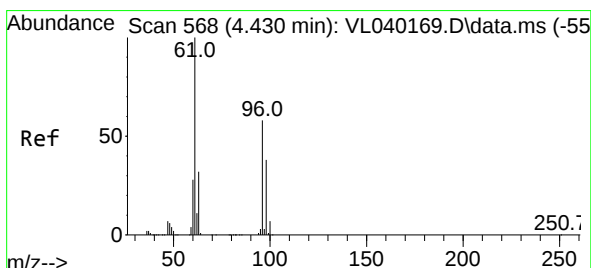
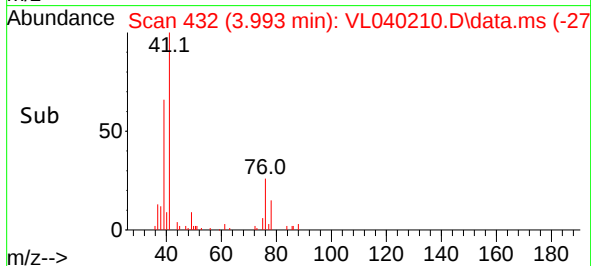
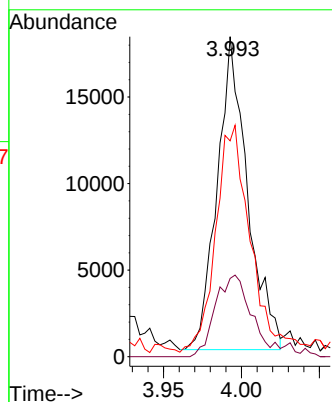
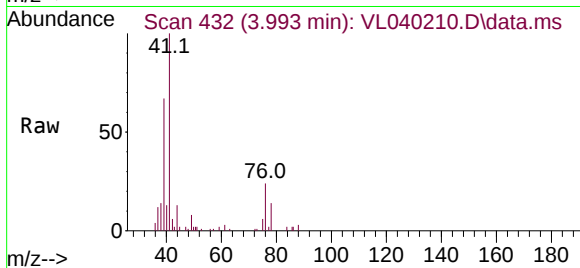
#21
 Allyl Chloride
 Concen: 0.411 ppbv
 RT: 3.993 min Scan# 411
 Delta R.T. -0.010 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 41 Resp: 2453
 Ion Ratio Lower Upper
 41 100
 76 33.3 25.5 38.3
 39 82.9 64.5 96.7

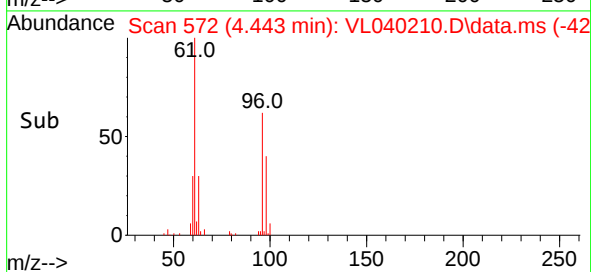
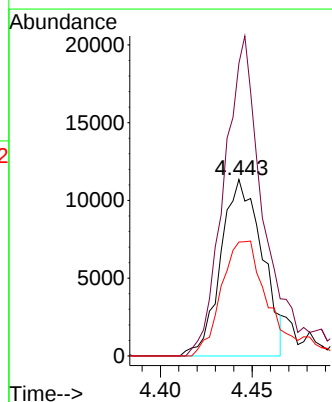
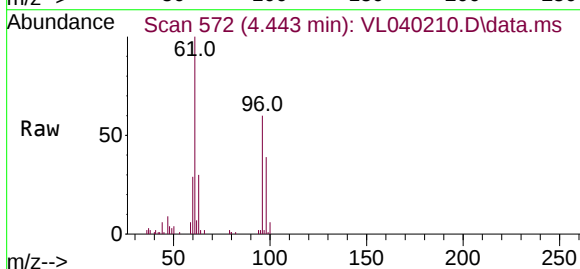
Manual Integrations
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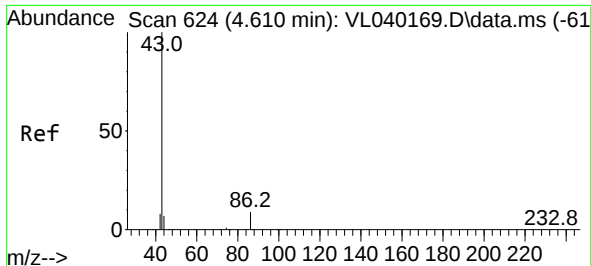
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.397 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. -0.013 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

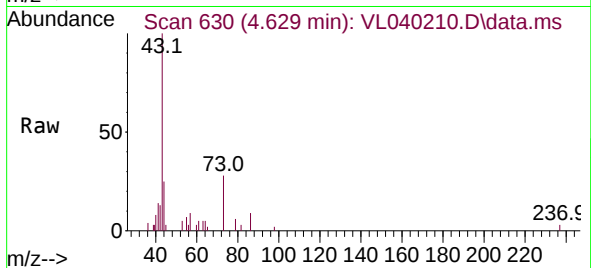
Tgt Ion: 96 Resp: 17824
 Ion Ratio Lower Upper
 96 100
 61 165.8 137.5 206.3
 98 64.5 52.8 79.2





#23
 Vinyl Acetate
 Concen: 0.438 ppbv m
 RT: 4.629 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

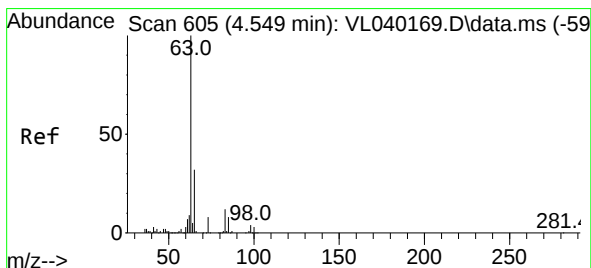
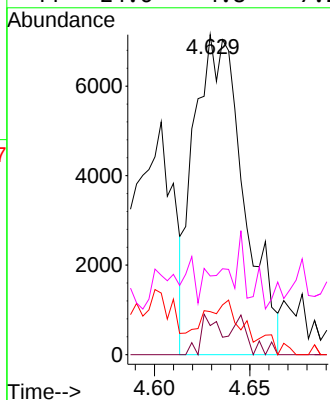
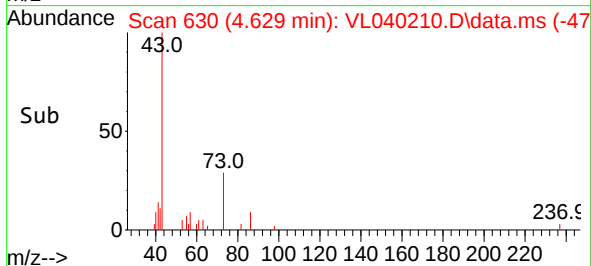
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



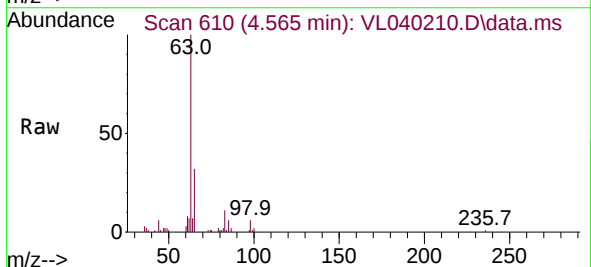
Tgt Ion: 43	Resp: 1296
Ion Ratio	Lower Upper
43	100
86	9.1 5.6 8.4
42	13.4 7.6 11.4
44	24.6 4.8 7.2

Manual Integrations
 APPROVED

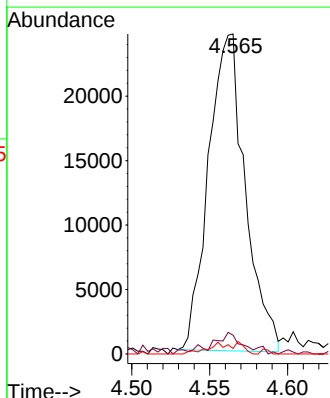
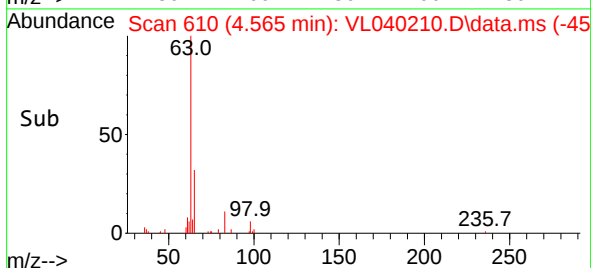
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

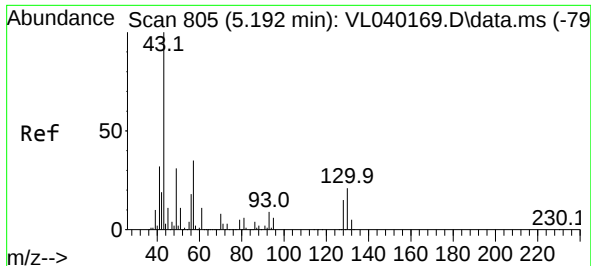


#24
 1,1-Dichloroethane
 Concen: 0.436 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52



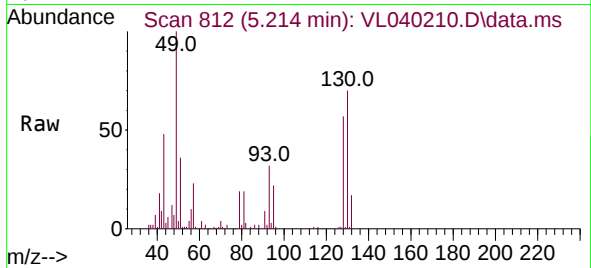
Tgt Ion: 63	Resp: 40257
Ion Ratio	Lower Upper
63	100
98	6.0 2.3 6.8
100	1.7 1.4 4.0





#25
Ethyl Acetate
Concen: 0.398 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.003 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

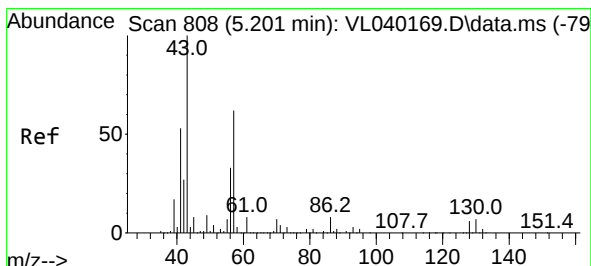
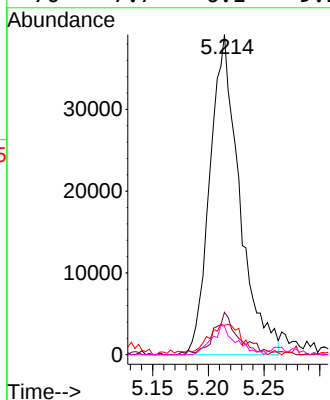
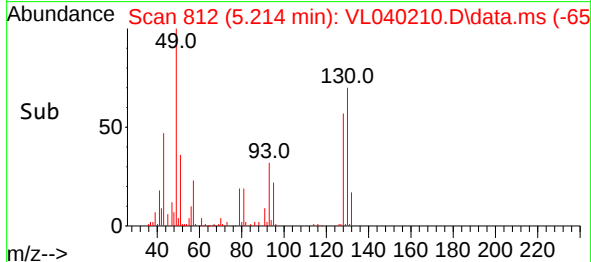
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 43	Resp: 7212
Ion Ratio	Lower Upper
43 100	
45 11.7	8.3 12.5
61 11.8	8.4 12.6
70 7.7	6.1 9.1

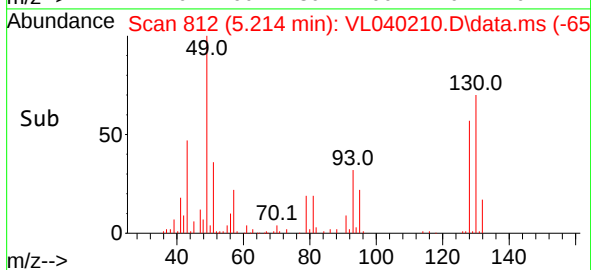
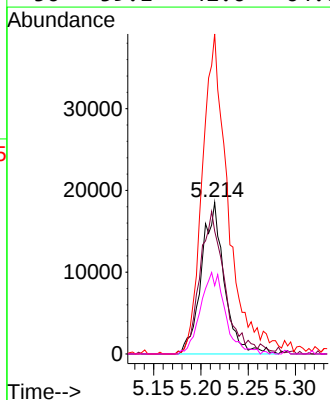
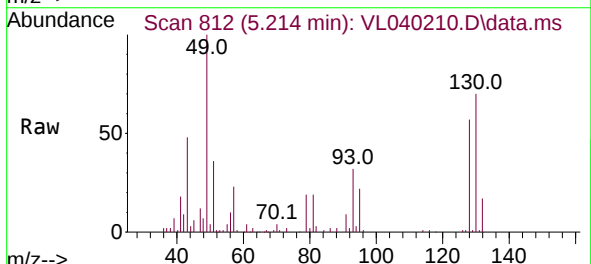
Manual Integrations
APPROVED

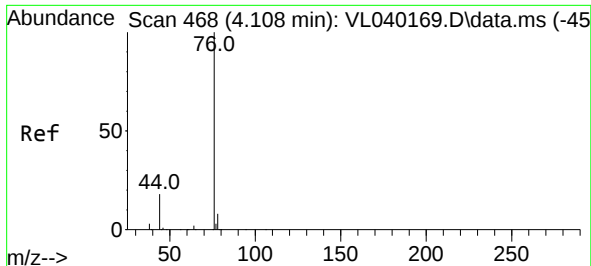
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#26
Hexane
Concen: 0.400 ppbv m
RT: 5.214 min Scan# 812
Delta R.T. -0.010 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

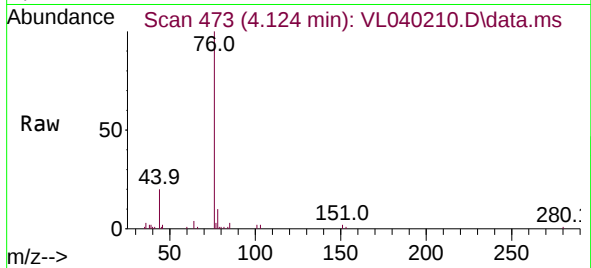
Tgt Ion: 57	Resp: 31057
Ion Ratio	Lower Upper
57 100	
41 106.1	74.3 111.5
43 244.1	193.0 289.4
56 59.1	42.6 64.0





#27
Carbon Disulfide
Concen: 0.391 ppbv m
RT: 4.124 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

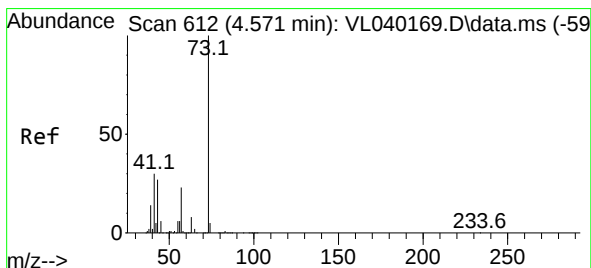
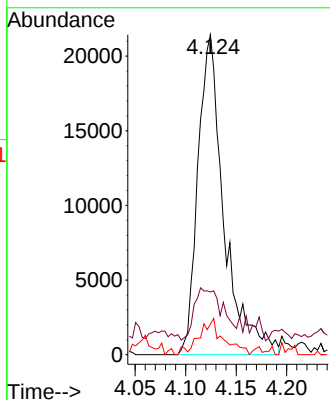
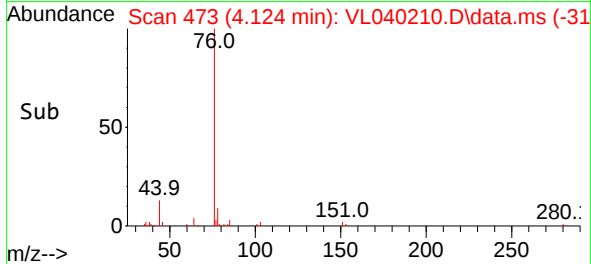
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 76 Resp: 3852
Ion Ratio Lower Upper
76 100
44 24.4 15.3 22.9
78 10.4 7.7 11.5

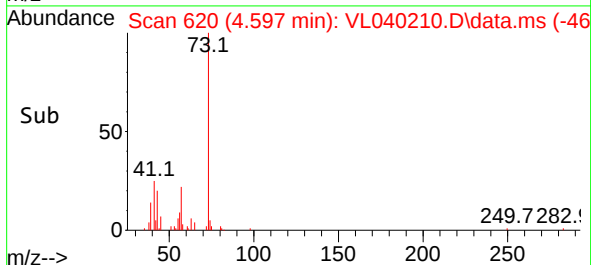
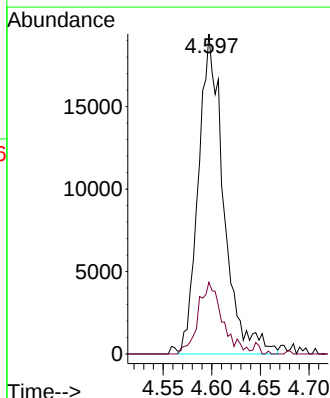
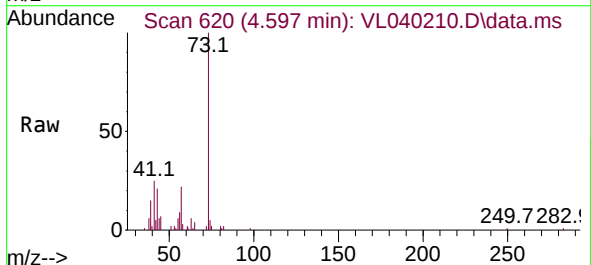
Manual Integrations
APPROVED

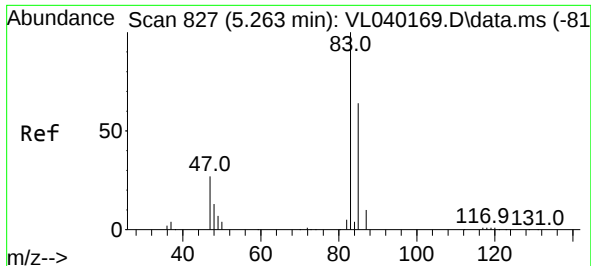
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#28
Methyl tert-Butyl Ether
Concen: 0.421 ppbv m
RT: 4.597 min Scan# 620
Delta R.T. 0.000 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

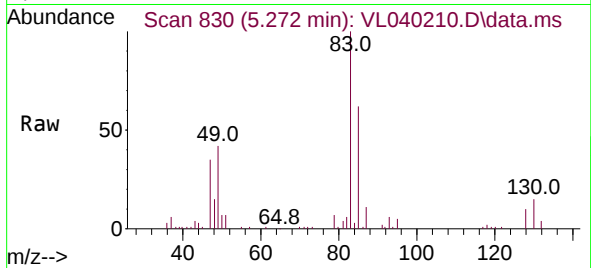
Tgt Ion: 73 Resp: 35072
Ion Ratio Lower Upper
73 100
57 22.4 18.8 28.2





#29
Chloroform
Concen: 0.445 ppbv
RT: 5.272 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

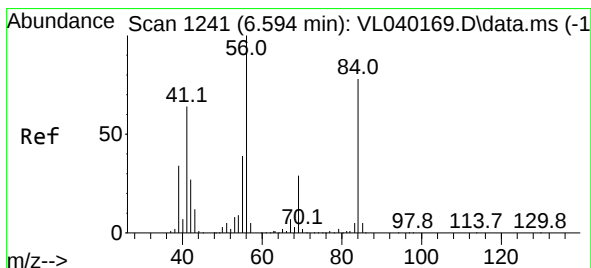
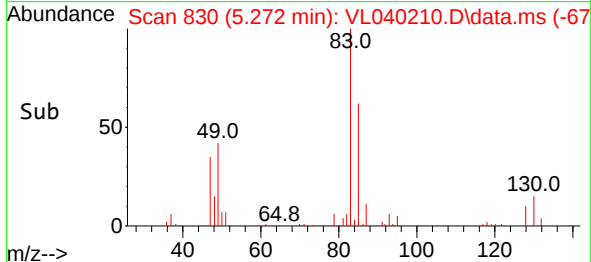
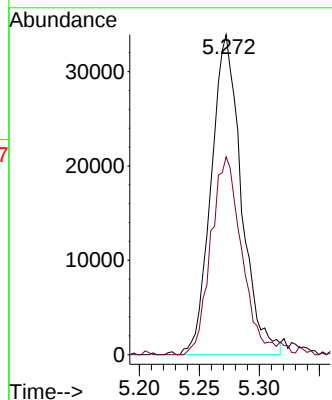
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 83 Resp: 5942
Ion Ratio Lower Upper
83 100
85 61.9 51.5 77.3

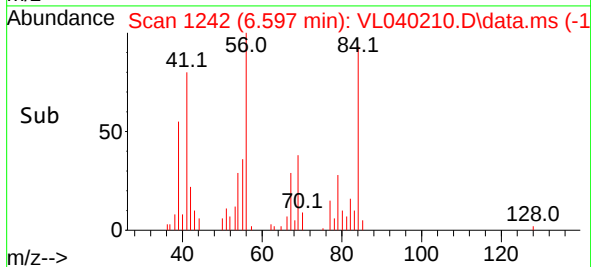
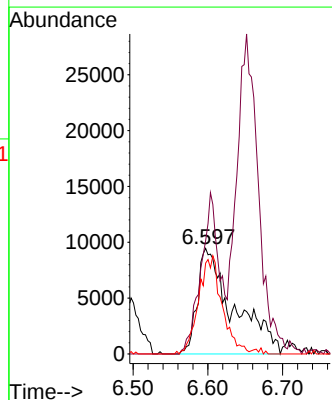
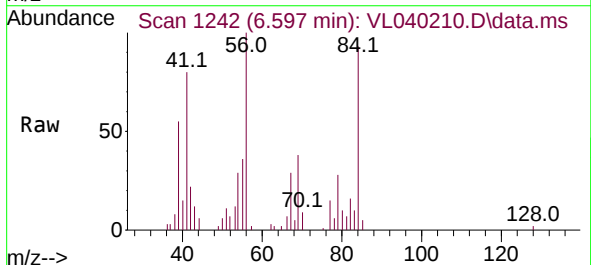
Manual Integrations
APPROVED

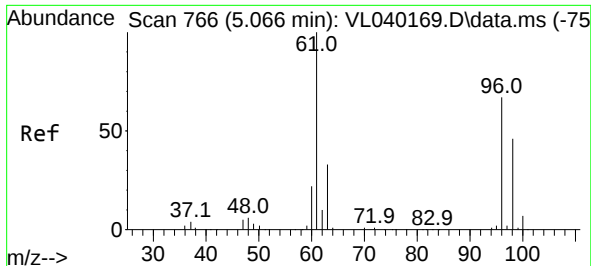
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#30
Cyclohexane
Concen: 0.521 ppbv m
RT: 6.597 min Scan# 1242
Delta R.T. -0.026 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

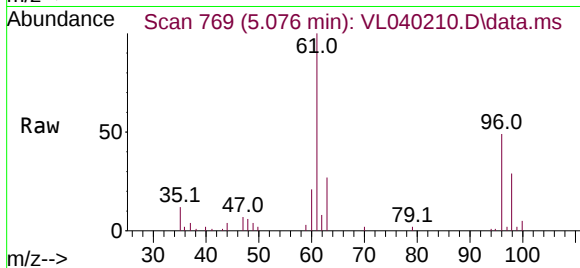
Tgt Ion: 84 Resp: 31798
Ion Ratio Lower Upper
84 100
56 72.5 109.9 164.9#
41 61.5 67.8 101.6#





#31
cis-1,2-Dichloroethene
Concen: 0.435 ppbv m
RT: 5.076 min Scan# 766
Delta R.T. -0.016 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

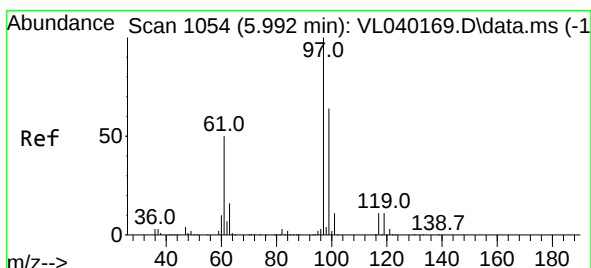
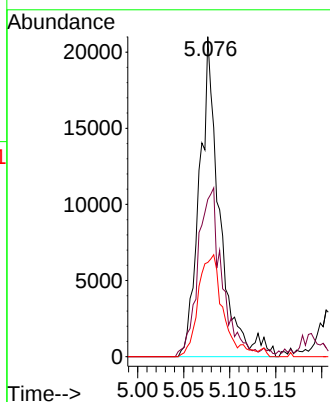
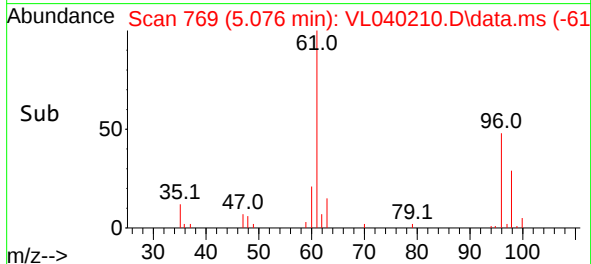
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 61 Resp: 32110
Ion Ratio Lower Upper
61 100
96 49.2 53.7 80.5
98 29.5 36.4 54.6

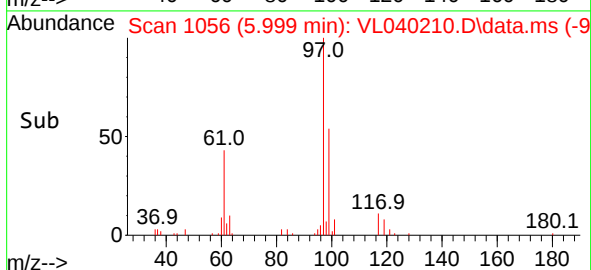
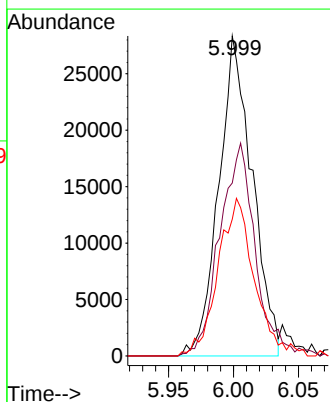
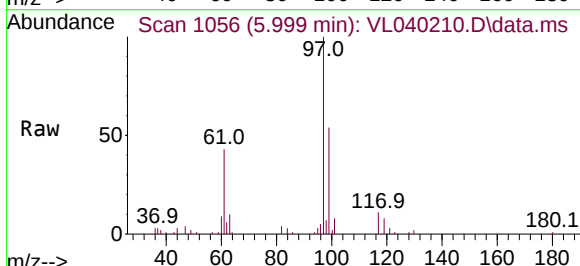
Manual Integrations
APPROVED

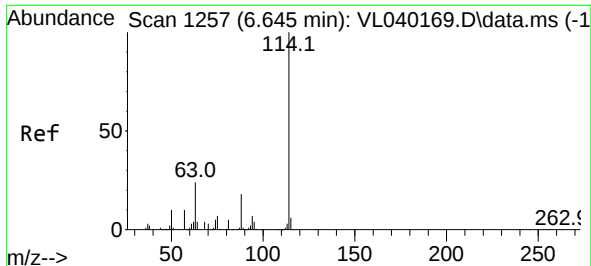
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#32
1,1,1-Trichloroethane
Concen: 0.405 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion: 97 Resp: 50795
Ion Ratio Lower Upper
97 100
99 70.8 51.5 77.3
61 54.0 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. -0.022 min

Lab File: VL040210.D

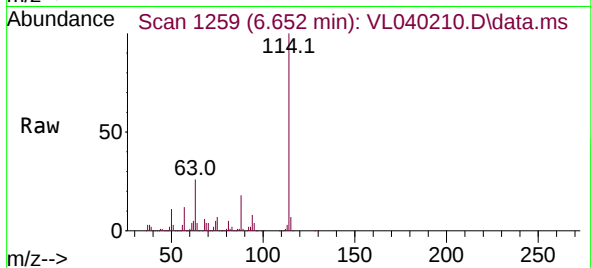
Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion:114 Resp: 205628

Ion Ratio Lower Upper

114 100

63 26.4 20.4 30.6

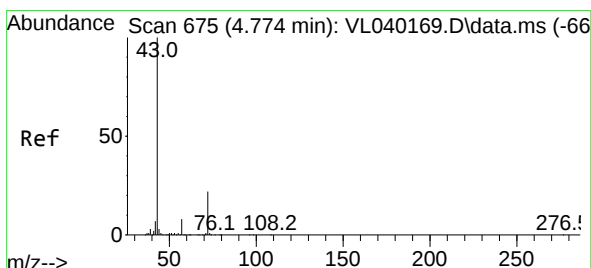
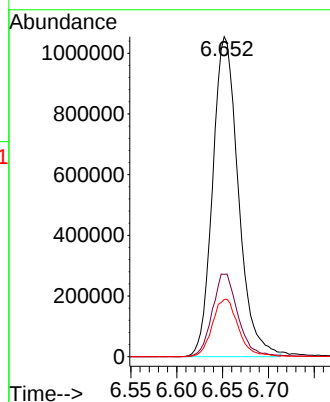
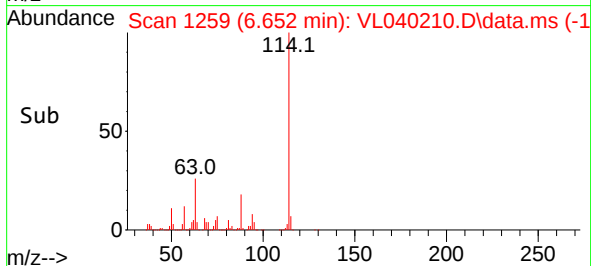
88 18.3 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

2-Butanone

Concen: 0.416 ppbv

RT: 4.800 min Scan# 683

Delta R.T. 0.003 min

Lab File: VL040210.D

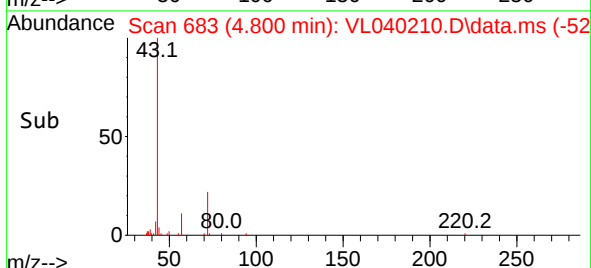
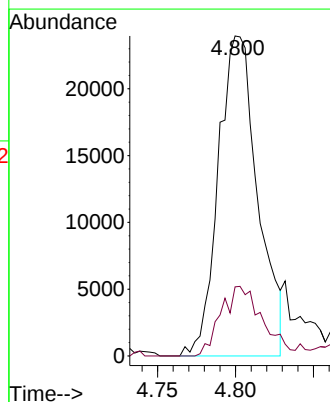
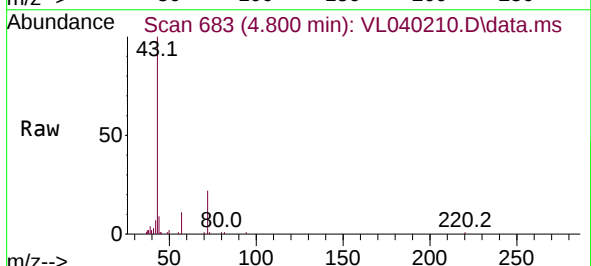
Acq: 22 Feb 2023 00:52

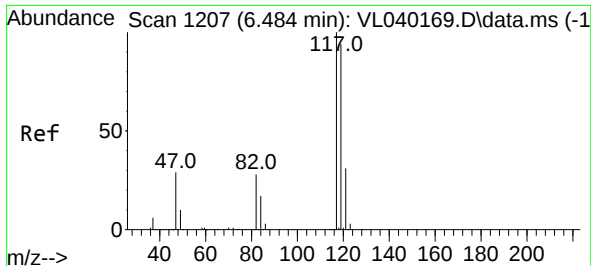
Tgt Ion: 43 Resp: 42186

Ion Ratio Lower Upper

43 100

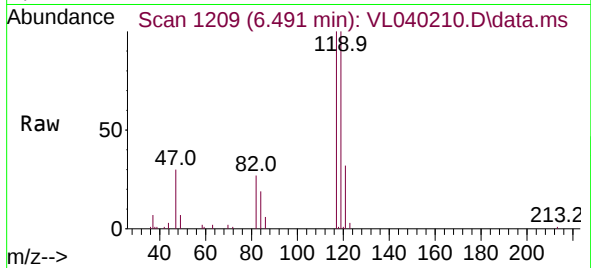
72 25.8 17.8 26.8





#35
Carbon Tetrachloride
Concen: 0.422 ppbv
RT: 6.491 min Scan# 1173
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

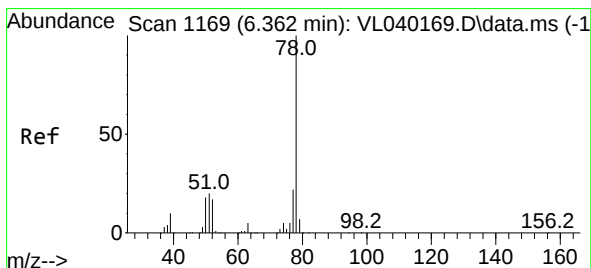
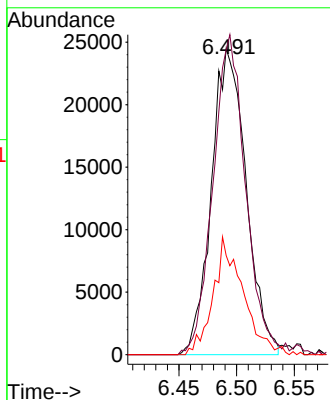
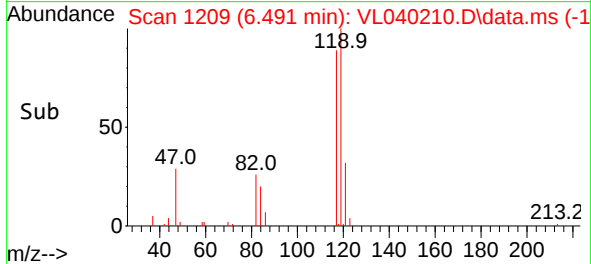
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 117 Resp: 5130
Ion Ratio Lower Upper
117 100
119 99.6 75.0 112.6
121 32.3 25.0 37.4

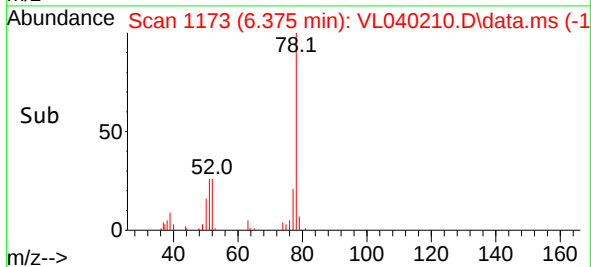
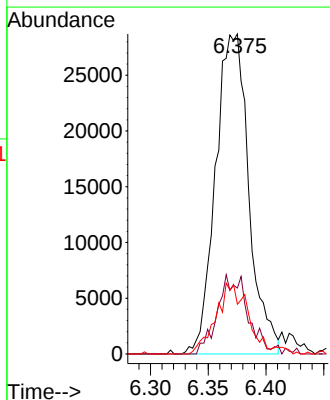
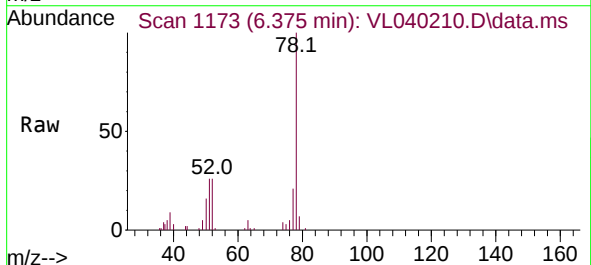
Manual Integrations
APPROVED

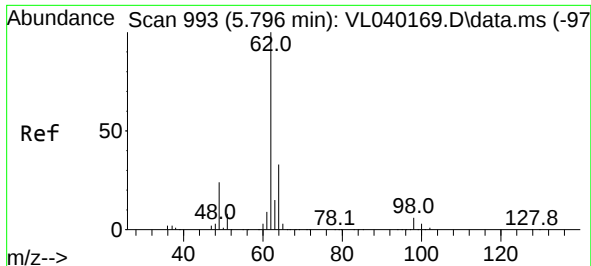
Reviewed By : Semsettin Yesilyurt 02/22/2023
Supervised By : Mahesh Dadoda 02/23/2023



#36
Benzene
Concen: 0.359 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.013 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

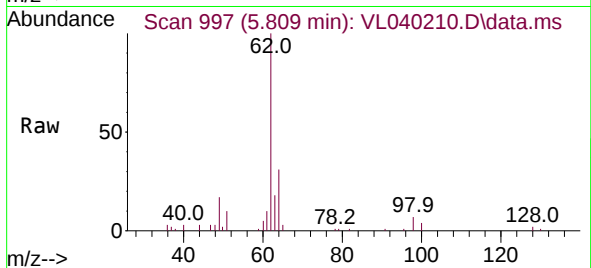
Tgt Ion: 78 Resp: 57512
Ion Ratio Lower Upper
78 100
77 20.6 17.5 26.3
50 15.6 14.6 22.0





#37
1,2-Dichloroethane
Concen: 0.434 ppbv m
RT: 5.809 min Scan# 993
Delta R.T. -0.013 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

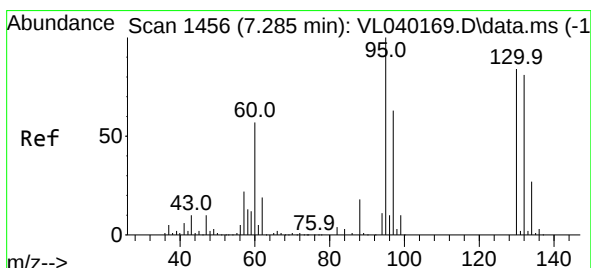
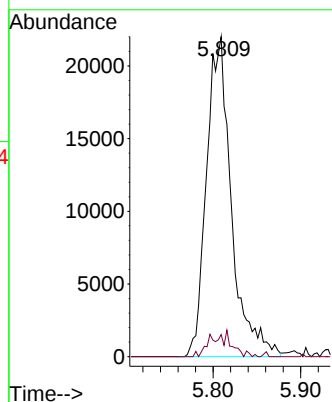
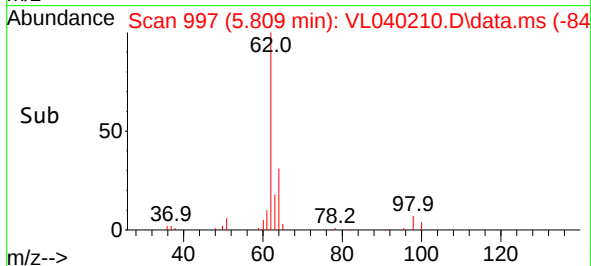
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 62 Resp: 43484
Ion Ratio Lower Upper
62 100
98 0.0 4.7 7.1

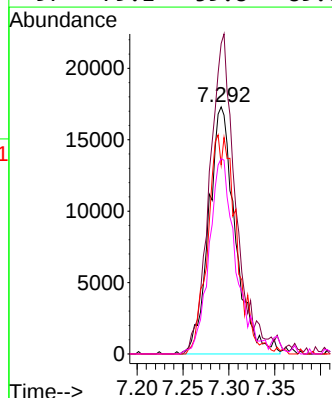
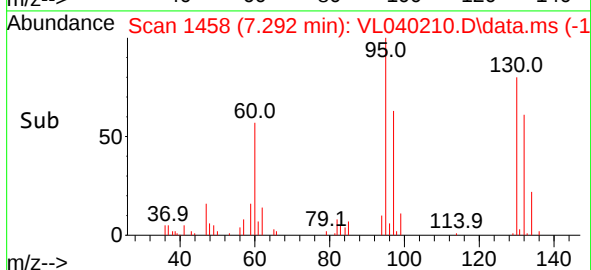
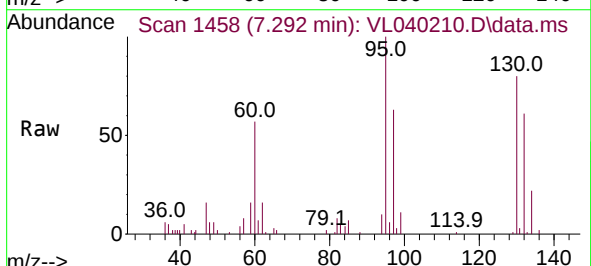
Manual Integrations
APPROVED

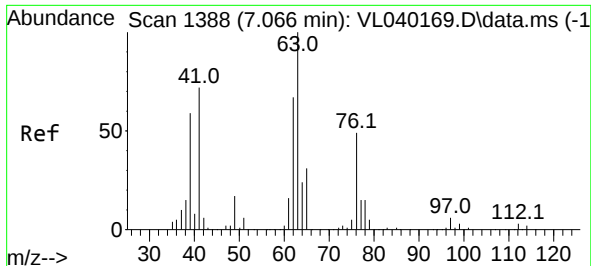
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Trichloroethene
Concen: 0.395 ppbv m
RT: 7.292 min Scan# 1458
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion:130 Resp: 34817
Ion Ratio Lower Upper
130 100
95 125.7 94.7 142.1
132 76.6 76.4 114.6
97 79.1 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.432 ppbv m

RT: 7.070 min Scan# 1

Delta R.T. -0.026 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

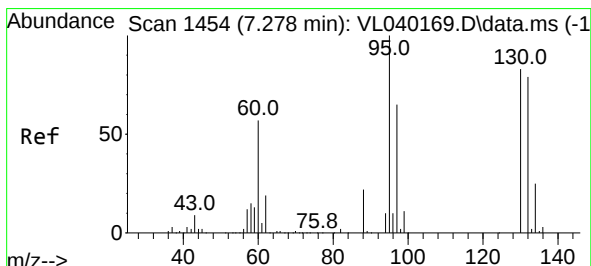
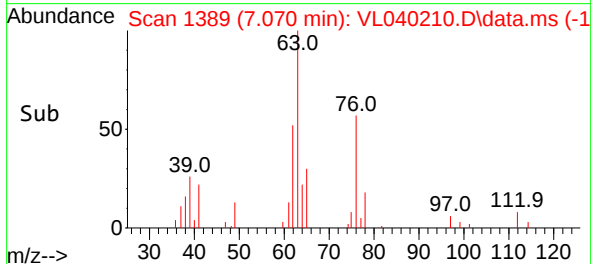
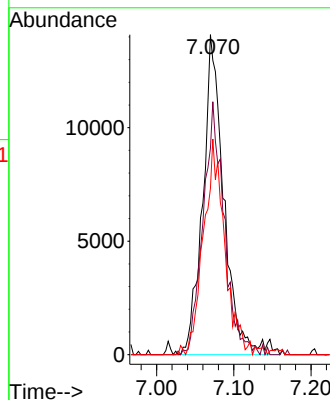
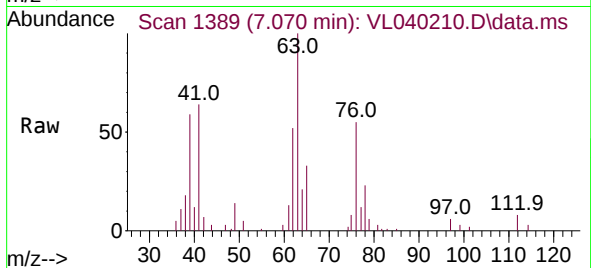
Tgt Ion: 63 Resp: 2686

Ion	Ratio	Lower	Upper
63	100		
41	64.5	57.6	86.4
62	52.0	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#40

1,4-Dioxane

Concen: 0.387 ppbv m

RT: 7.324 min Scan# 1468

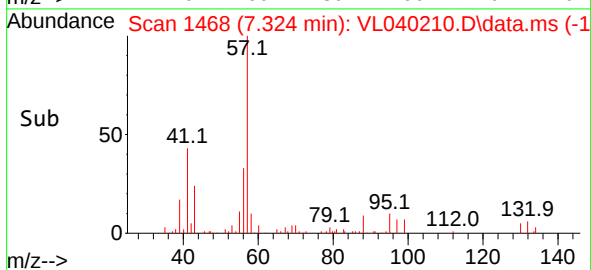
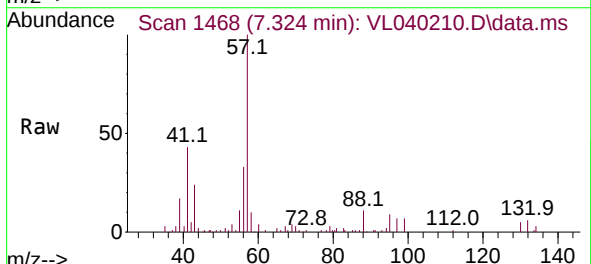
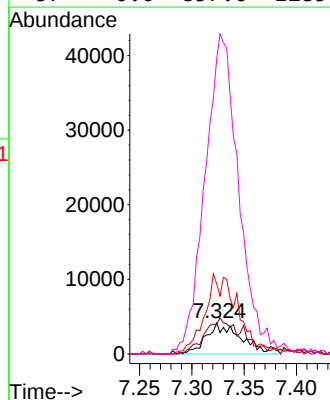
Delta R.T. 0.016 min

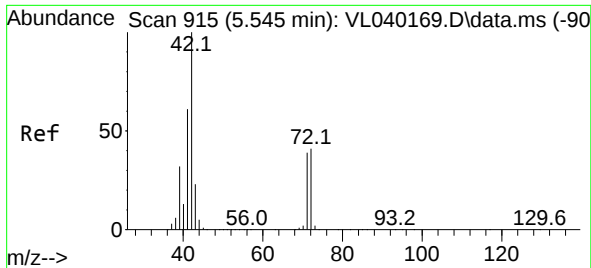
Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

Tgt Ion: 88 Resp: 9634

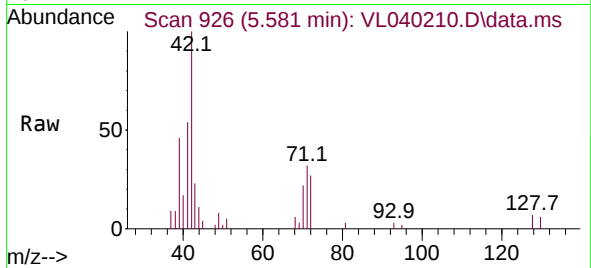
Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.4	146.0#
43	0.0	193.5	290.3#
57	0.0	857.0	1285.6#





#41
Tetrahydrofuran
Concen: 0.368 ppbv m
RT: 5.581 min Scan# 915
Delta R.T. 0.010 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

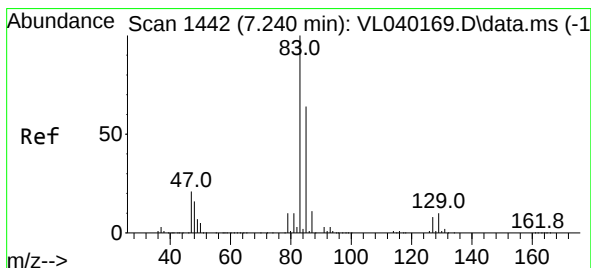
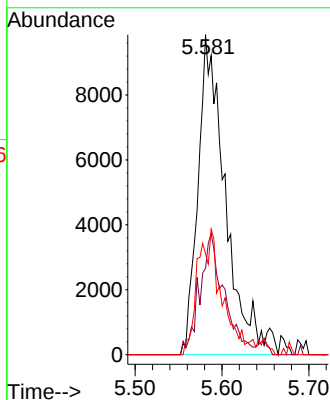
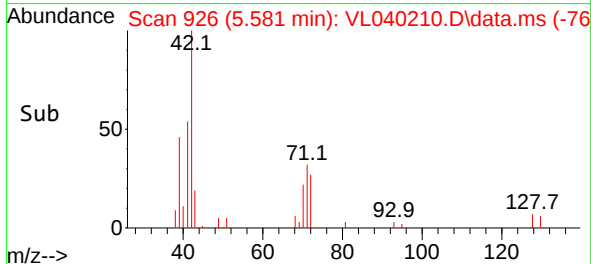
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 42 Resp: 2163
Ion Ratio Lower Upper
42 100
72 35.2 33.0 49.4
71 38.0 31.4 47.2

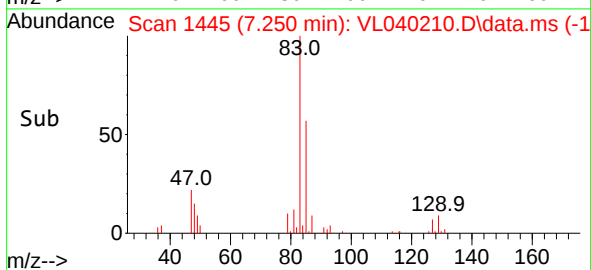
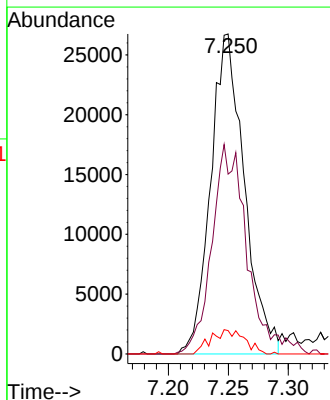
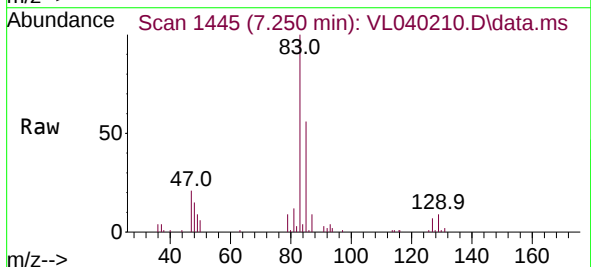
Manual Integrations
APPROVED

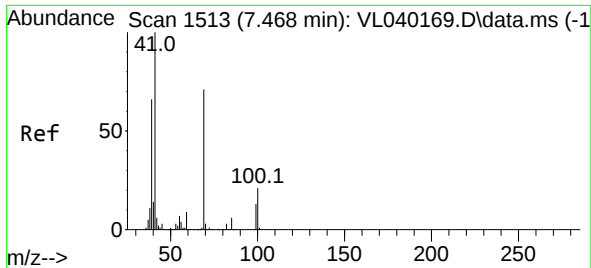
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
Bromodichloromethane
Concen: 0.378 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion: 83 Resp: 52243
Ion Ratio Lower Upper
83 100
85 55.7 50.9 76.3
127 7.3 6.2 9.2





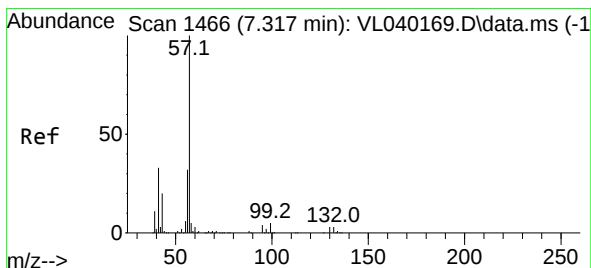
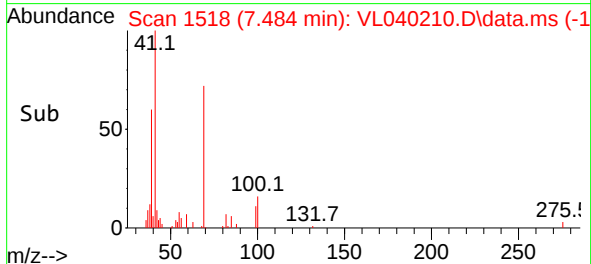
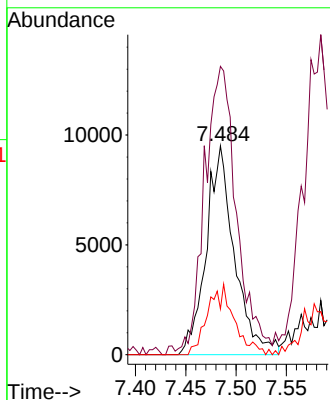
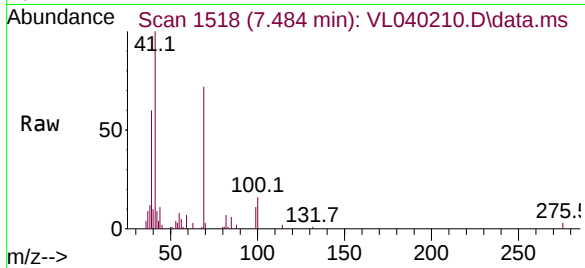
#43
Methyl Methacrylate
Concen: 0.314 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. -0.010 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 69 Resp: 1862
Ion Ratio Lower Upper
69 100
41 0.0 116.6 174.8
100 0.0 25.6 38.4

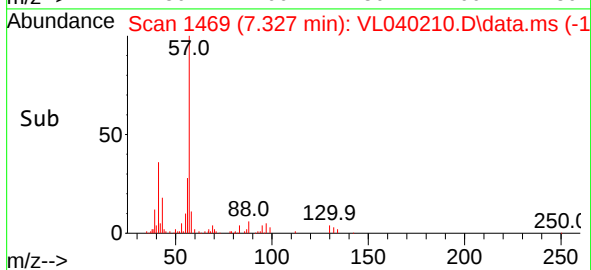
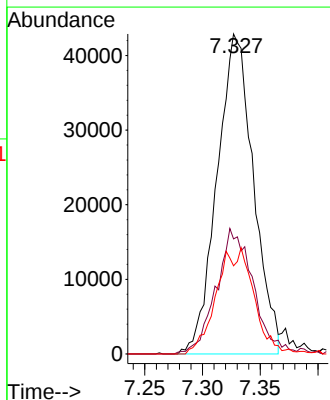
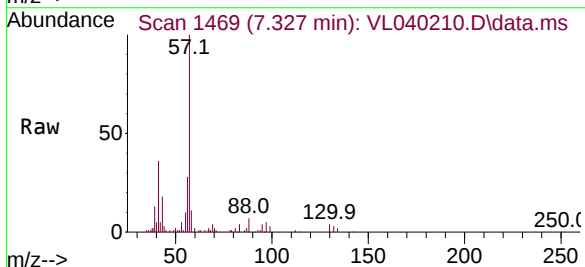
Manual Integrations
APPROVED

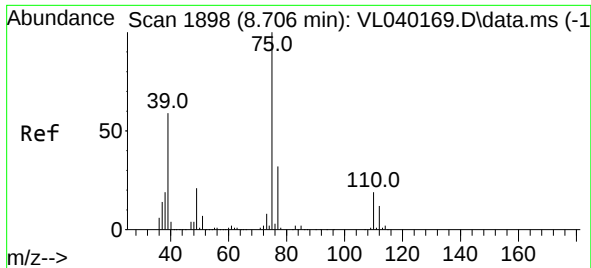
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#44
2,2,4-Trimethylpentane
Concen: 0.352 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

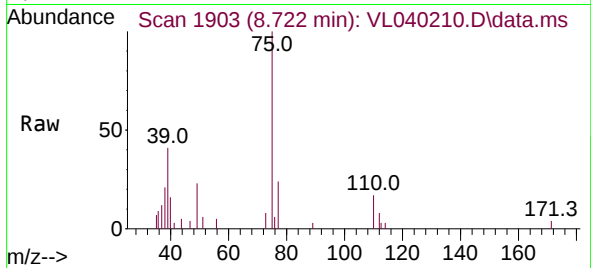
Tgt Ion: 57 Resp: 94022
Ion Ratio Lower Upper
57 100
41 40.3 26.2 39.4
56 34.1 24.9 37.3





#45
 t-1,3-Dichloropropene
 Concen: 0.292 ppbv m
 RT: 8.722 min Scan# 1903
 Delta R.T. -0.013 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

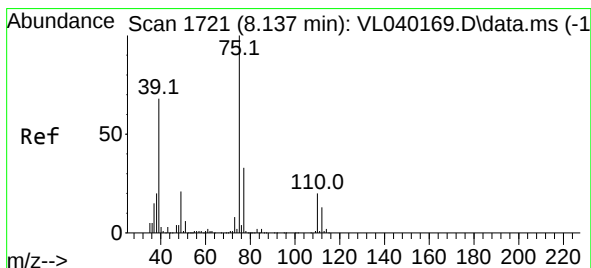
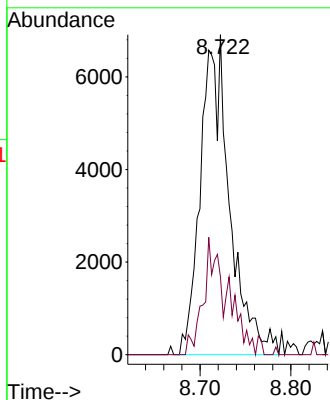
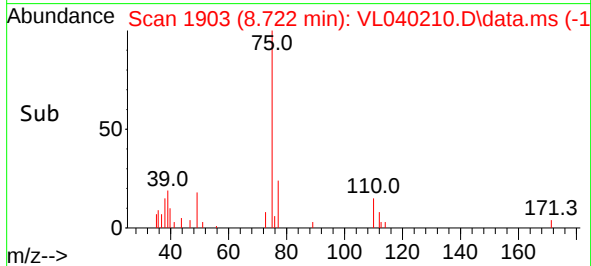
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 75 Resp: 15319
 Ion Ratio Lower Upper
 75 100
 77 24.3 25.7 38.5

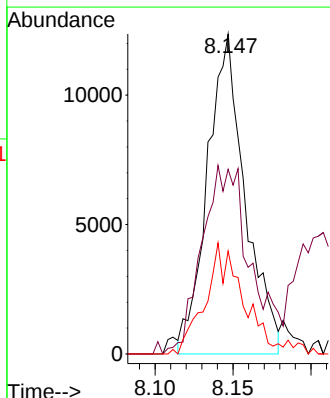
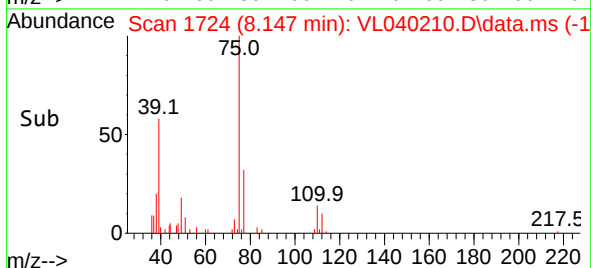
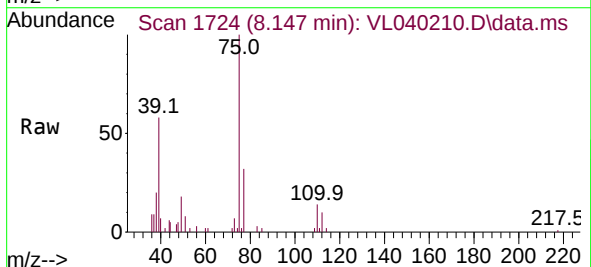
Manual Integrations
 APPROVED

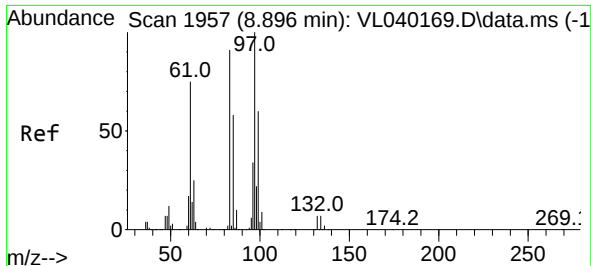
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#46
 cis-1,3-Dichloropropene
 Concen: 0.284 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.016 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

Tgt Ion: 75 Resp: 20784
 Ion Ratio Lower Upper
 75 100
 39 56.6 54.2 81.2
 77 33.6 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 0.395 ppbv

RT: 8.899 min Scan# 1957

Delta R.T. -0.026 min

Lab File: VL040210.D

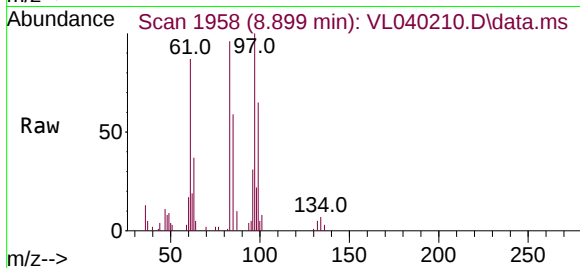
Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 97 Resp: 2656

Ion Ratio Lower Upper

97 100

83 94.2 72.8 109.2

85 58.8 46.6 69.8

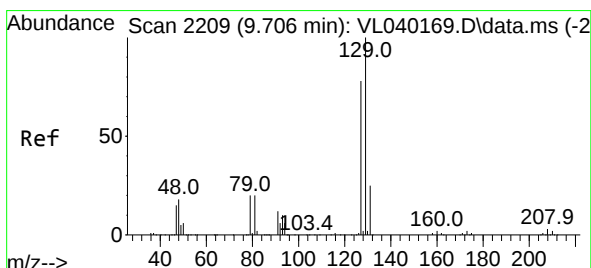
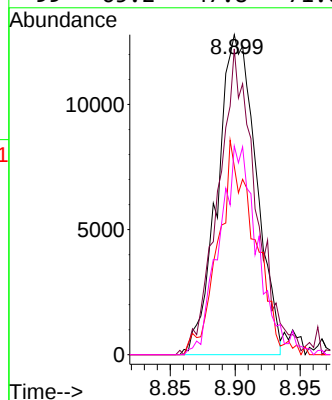
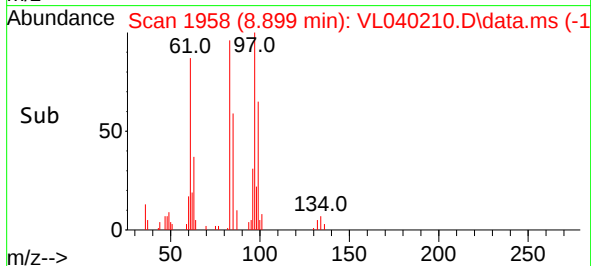
99 65.2 47.8 71.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#48

Dibromochloromethane

Concen: 0.343 ppbv m

RT: 9.716 min Scan# 2212

Delta R.T. -0.019 min

Lab File: VL040210.D

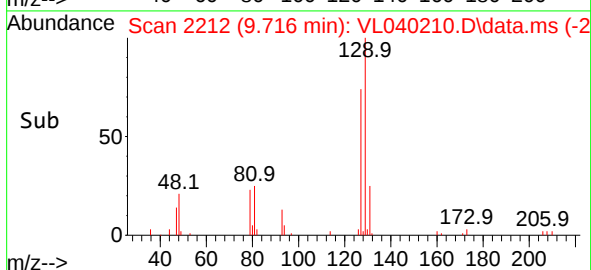
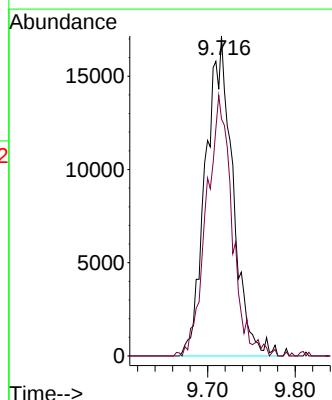
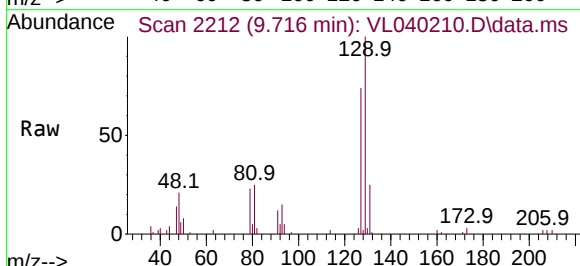
Acq: 22 Feb 2023 00:52

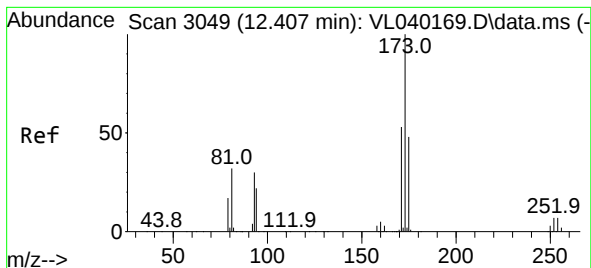
Tgt Ion:129 Resp: 36938

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.2#





#49

Bromoform

Concen: 0.320 ppbv m

RT: 12.414 min Scan# 3049

Delta R.T. -0.022 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

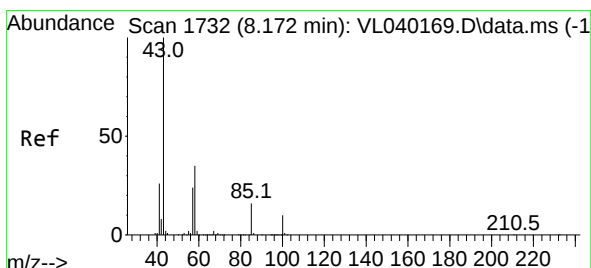
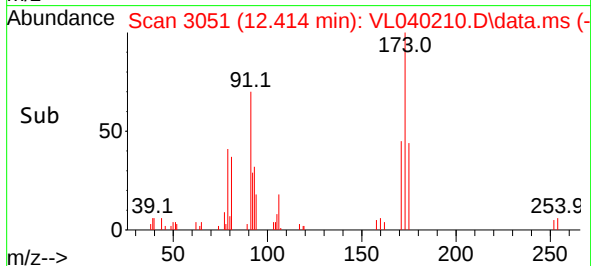
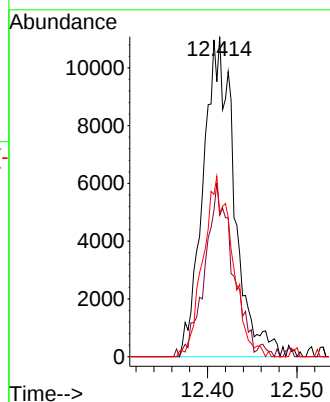
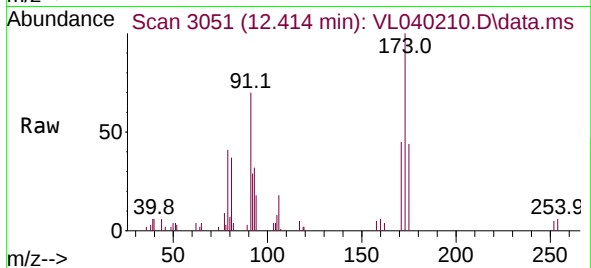
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:173	Resp: 2691
Ion Ratio	Lower Upper
173 100	
175 49.4	39.4 59.0
171 52.9	41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#50

4-Methyl-2-Pentanone

Concen: 0.337 ppbv

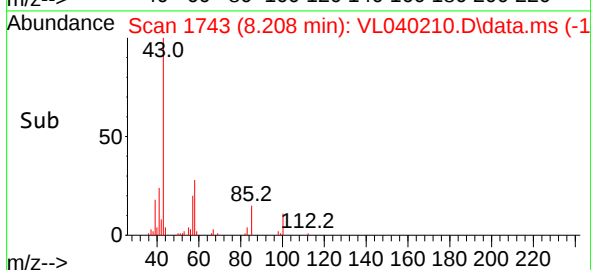
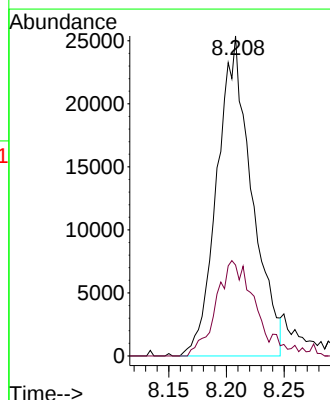
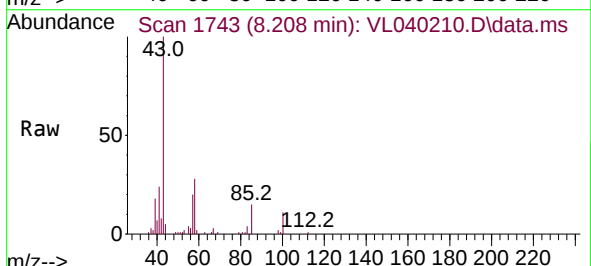
RT: 8.208 min Scan# 1743

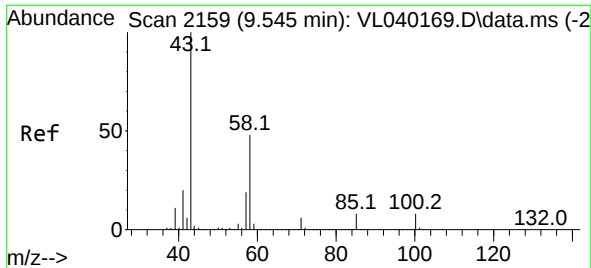
Delta R.T. 0.007 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

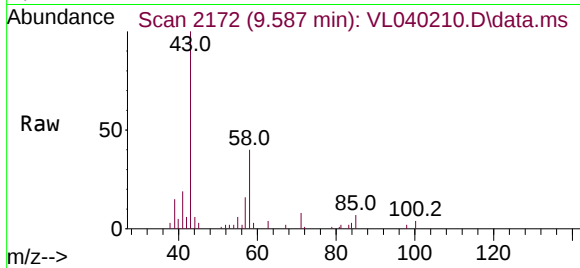
Tgt Ion: 43	Resp: 53092
Ion Ratio	Lower Upper
43 100	
58 34.9	29.2 43.8





#51
2-Hexanone
Concen: 0.318 ppbv m
RT: 9.587 min Scan# 2159
Delta R.T. 0.013 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

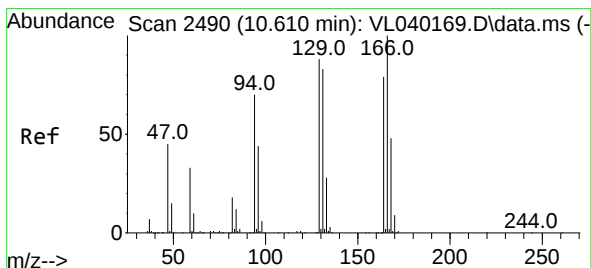
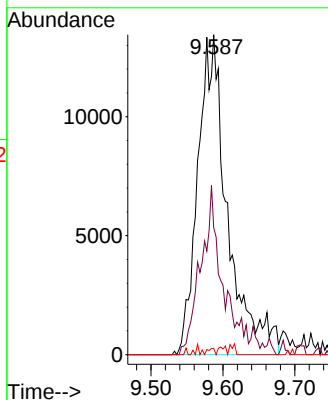
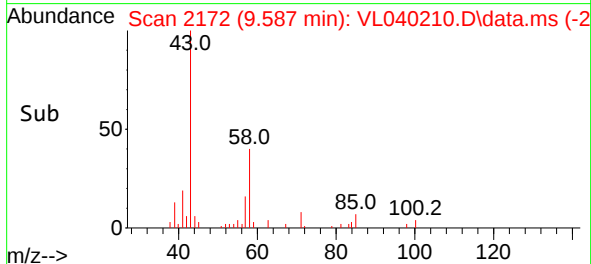
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 43 Resp: 3852
Ion Ratio Lower Upper
43 100
58 0.0 39.1 58.7
98 0.0 0.2 0.4

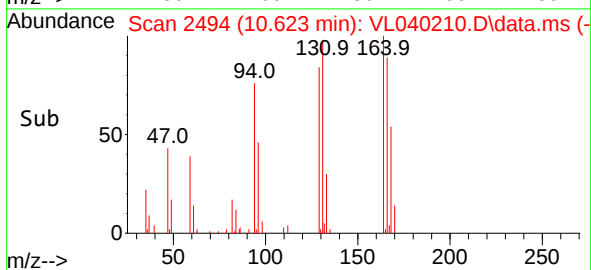
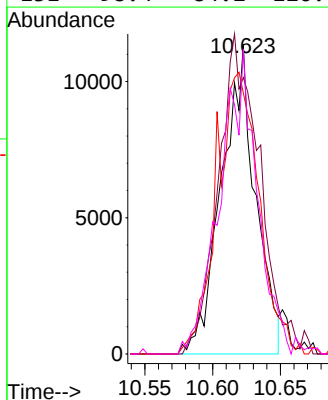
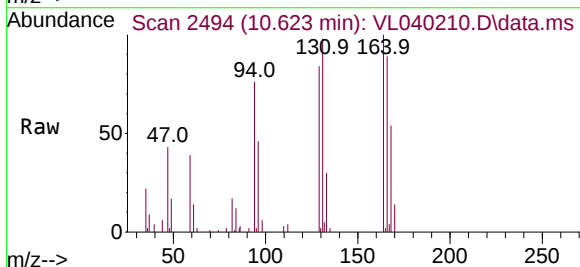
Manual Integrations
APPROVED

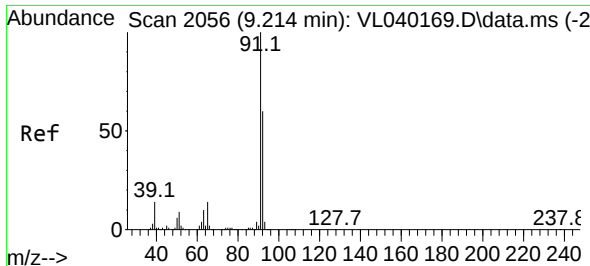
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#52
Tetrachloroethene
Concen: 0.395 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

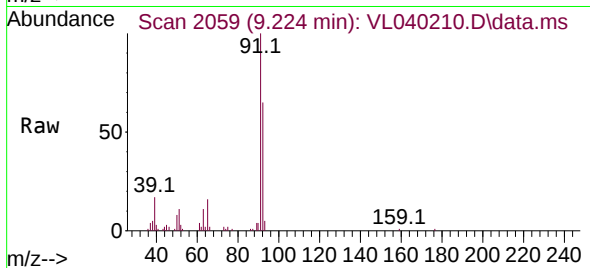
Tgt Ion:164 Resp: 19733
Ion Ratio Lower Upper
164 100
166 89.2 101.5 152.3#
129 84.3 89.0 133.4#
131 98.4 84.2 126.4





#53
Toluene
Concen: 0.297 ppbv
RT: 9.224 min Scan# 2056
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

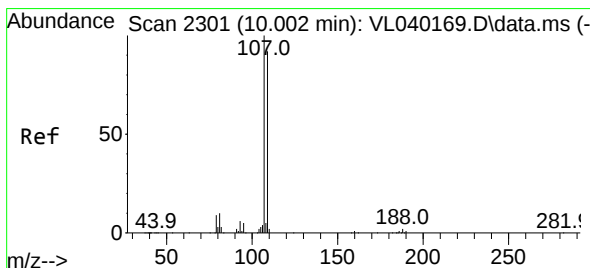
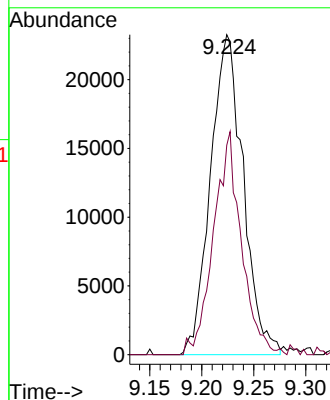
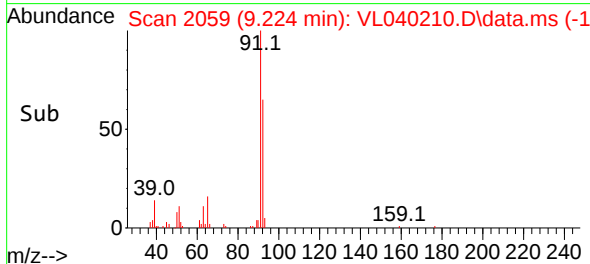
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



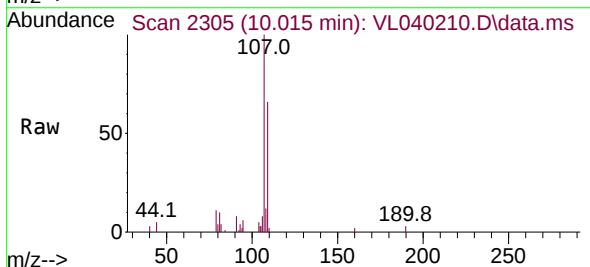
Tgt Ion: 91 Resp: 50878
Ion Ratio Lower Upper
91 100
92 60.0 48.9 73.3

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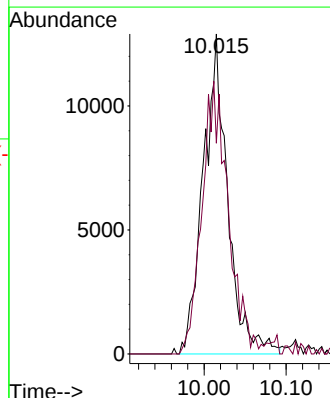
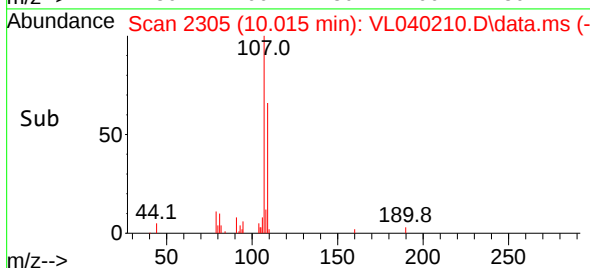
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

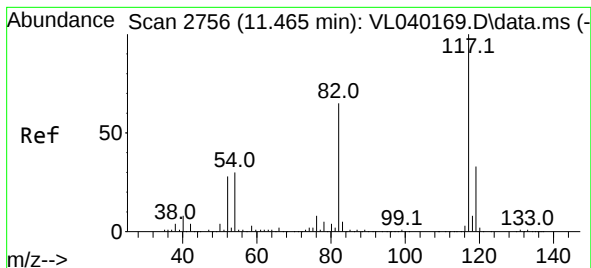


#54
1,2-Dibromoethane
Concen: 0.380 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52



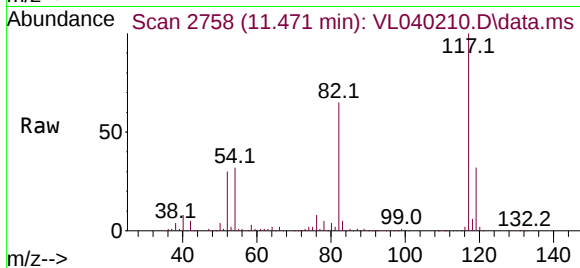
Tgt Ion:107 Resp: 26613
Ion Ratio Lower Upper
107 100
109 65.9 73.8 110.8#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

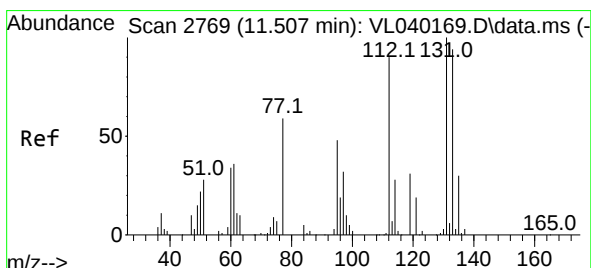
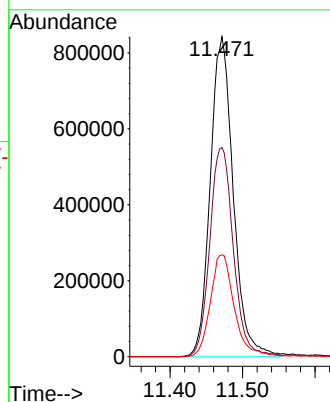
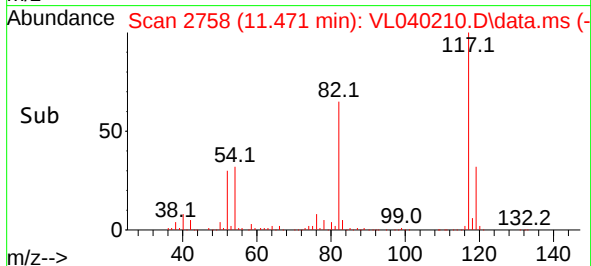
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:117 Resp: 185847
Ion Ratio Lower Upper
117 100
82 67.9 53.3 79.9
119 33.1 24.6 37.0

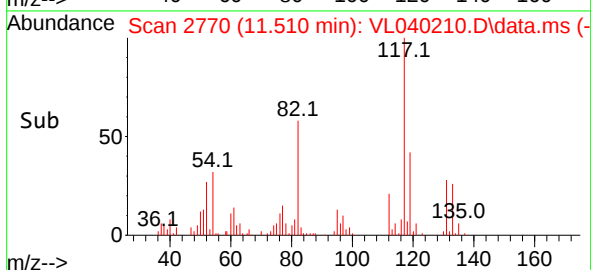
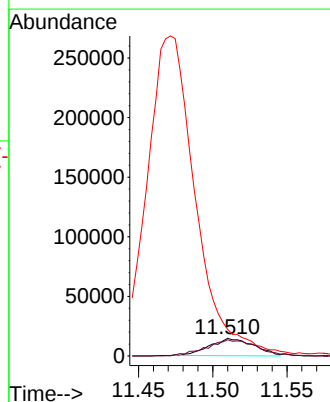
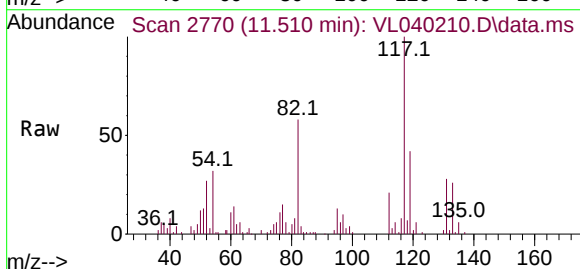
Manual Integrations
APPROVED

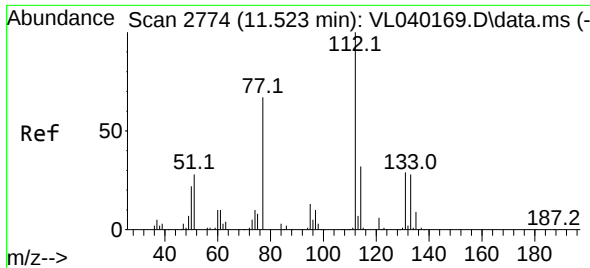
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.383 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.029 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion:131 Resp: 29873
Ion Ratio Lower Upper
131 100
133 107.3 76.2 114.2
119 2076.5 45.4 68.0#





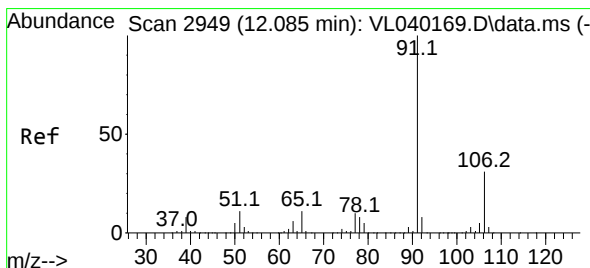
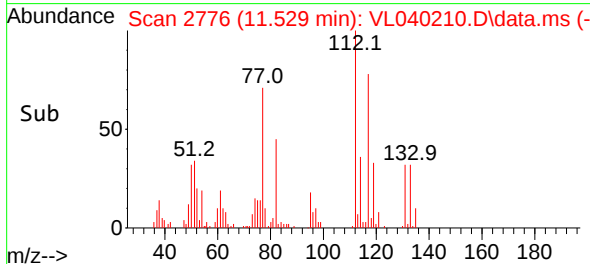
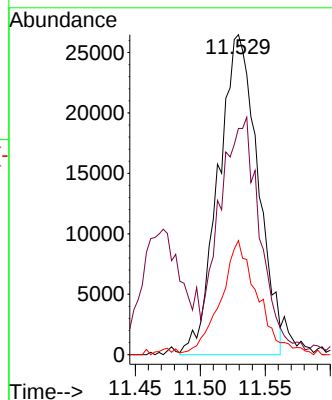
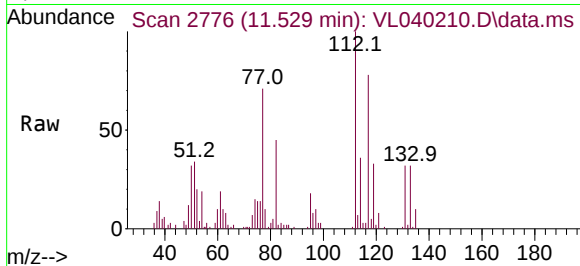
#57
Chlorobenzene
Concen: 0.414 ppbv
RT: 11.529 min Scan# 2115
Delta R.T. -0.026 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:112 Resp: 5616
Ion Ratio Lower Upper
112 100
77 62.6 55.0 82.4
114 35.3 29.0 35.4

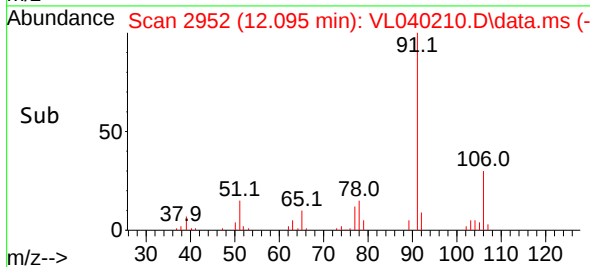
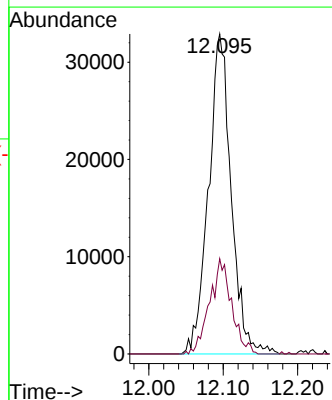
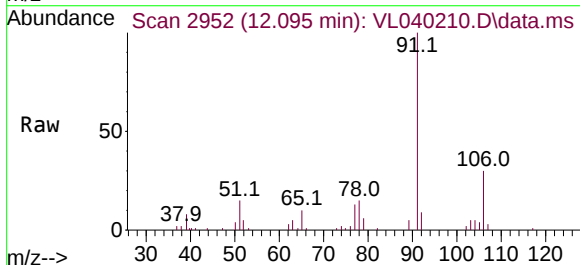
Manual Integrations
APPROVED

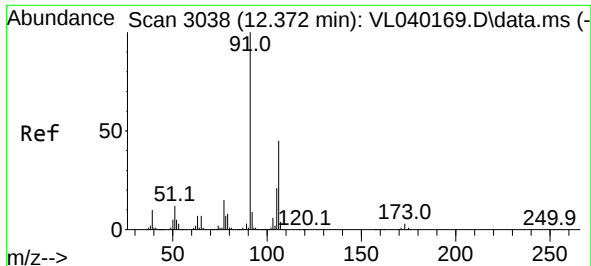
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
Ethyl Benzene
Concen: 0.309 ppbv m
RT: 12.095 min Scan# 2952
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion: 91 Resp: 69798
Ion Ratio Lower Upper
91 100
106 29.8 24.9 37.3





#59

m/p-Xylene

Concen: 0.699 ppbv m

RT: 12.378 min Scan# 3038

Delta R.T. -0.019 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 91 Resp: 13981

Ion Ratio Lower Upper

91 100

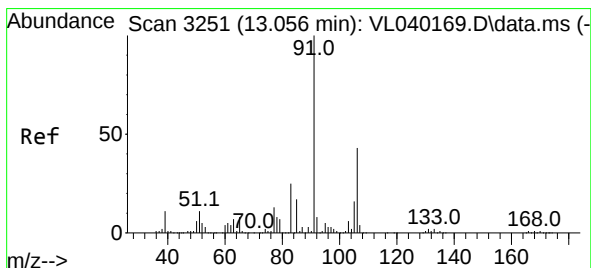
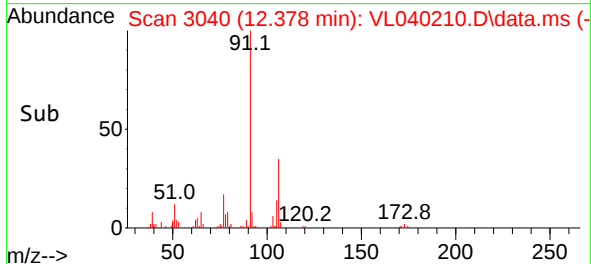
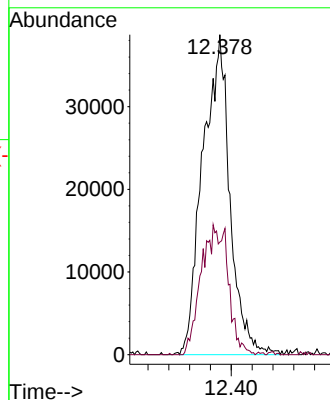
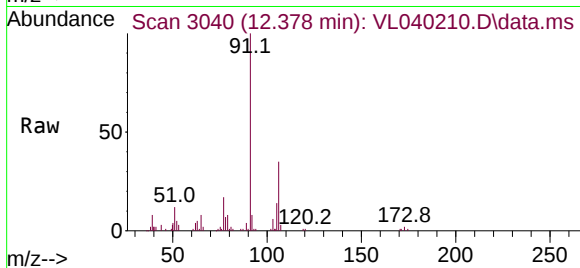
106 0.0 34.6 51.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#60

o-Xylene

Concen: 0.331 ppbv m

RT: 13.066 min Scan# 3254

Delta R.T. -0.019 min

Lab File: VL040210.D

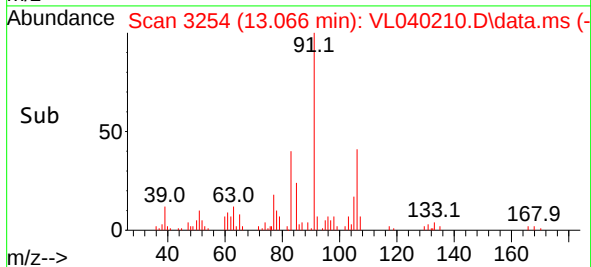
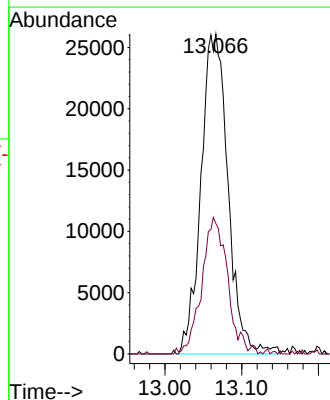
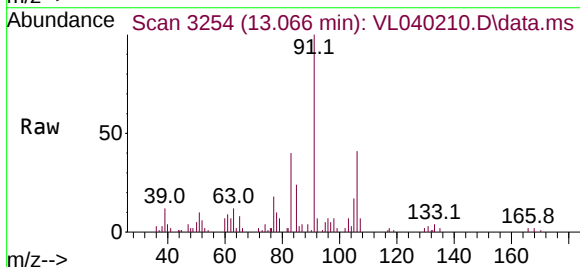
Acq: 22 Feb 2023 00:52

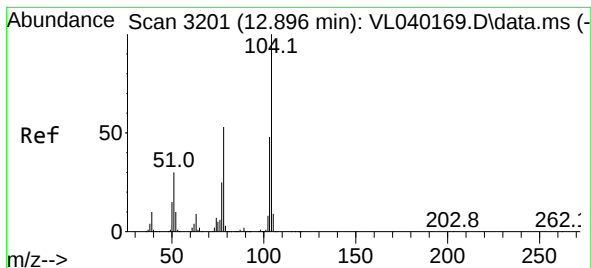
Tgt Ion: 91 Resp: 63698

Ion Ratio Lower Upper

91 100

106 0.0 21.6 65.0





#61

Styrene

Concen: 0.262 ppbv m

RT: 12.905 min Scan# 31

Delta R.T. -0.022 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023

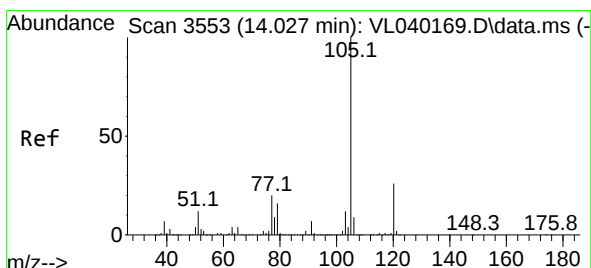
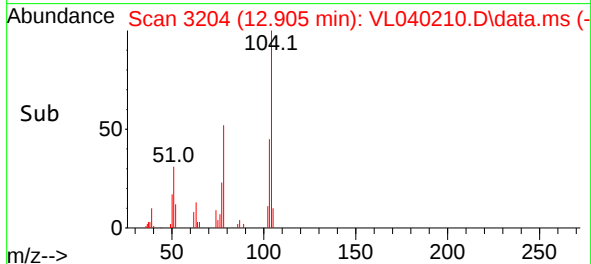
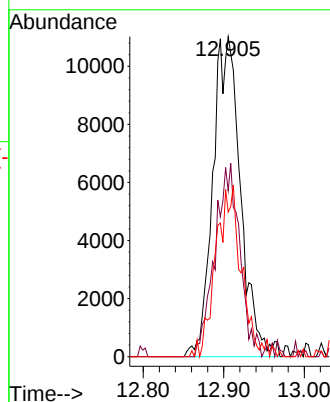
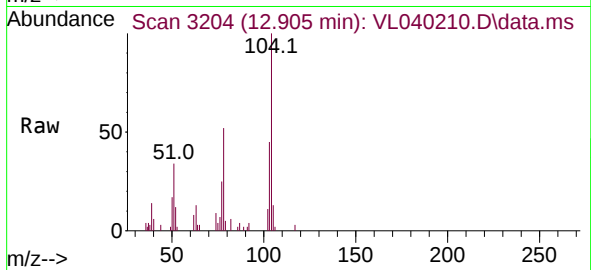
Tgt Ion:104	Resp:	26440
Ion Ratio	Lower	Upper
104	100	
78	55.5	42.3 63.5
103	49.3	37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#62

Isopropylbenzene

Concen: 0.361 ppbv

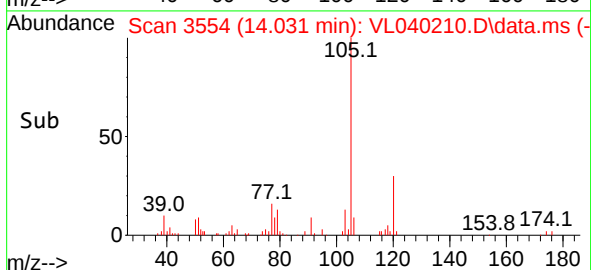
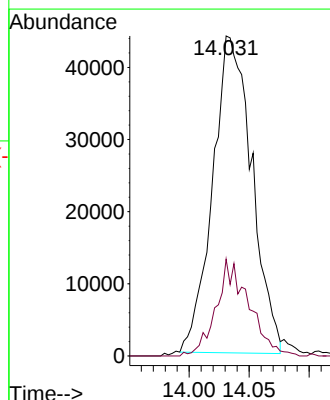
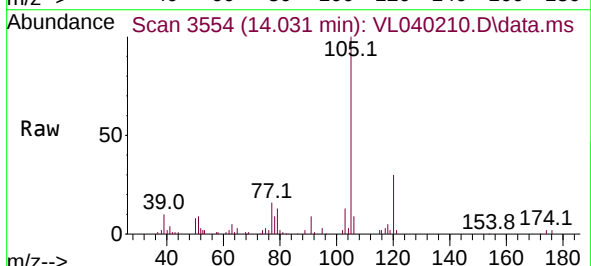
RT: 14.031 min Scan# 3554

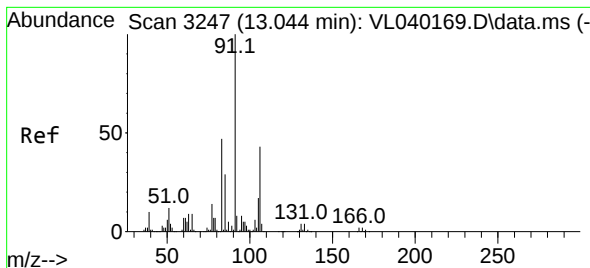
Delta R.T. -0.029 min

Lab File: VL040210.D

Acq: 22 Feb 2023 00:52

Tgt Ion:105	Resp:	99727
Ion Ratio	Lower	Upper
105	100	
120	25.5	20.3 30.5





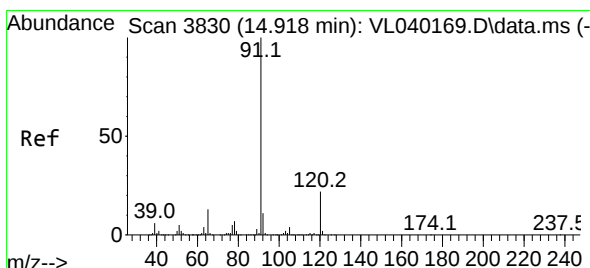
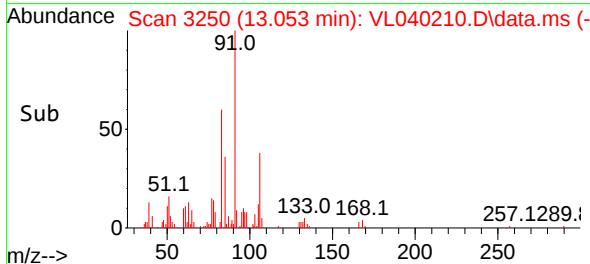
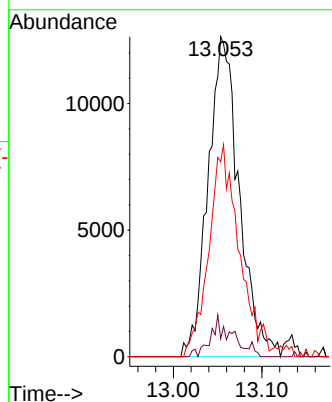
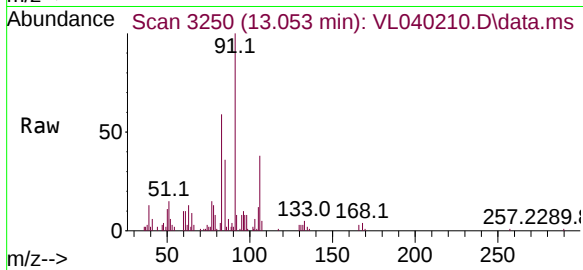
#63
1,1,2,2-Tetrachloroethane
Concen: 0.444 ppbv m
RT: 13.053 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 83 Resp: 30774
Ion Ratio Lower Upper
83 100
131 9.0 4.4 13.2
85 66.2 33.0 99.0

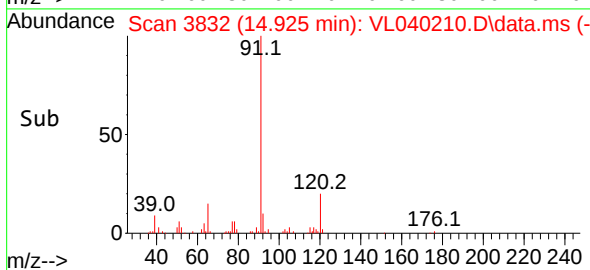
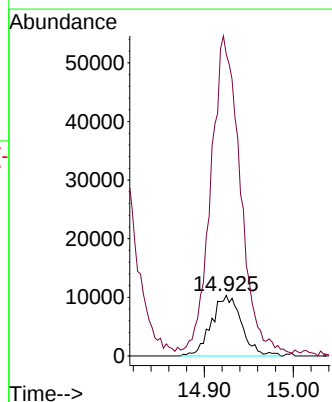
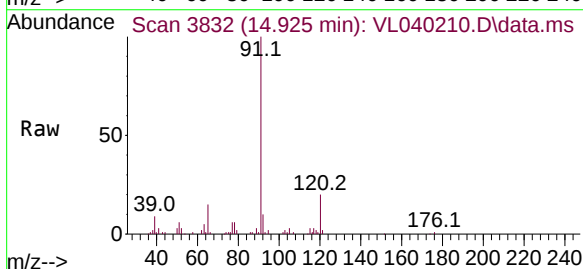
Manual Integrations
APPROVED

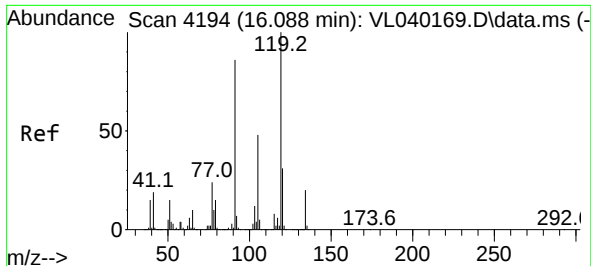
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#64
n-propylbenzene
Concen: 0.354 ppbv m
RT: 14.925 min Scan# 3832
Delta R.T. -0.026 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

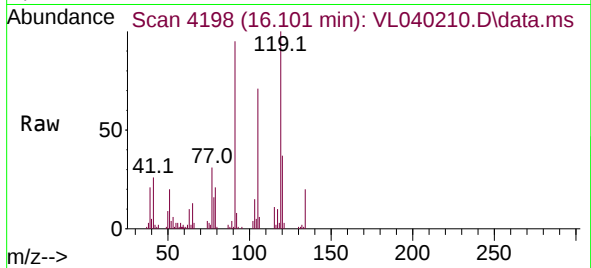
Tgt Ion:120 Resp: 24228
Ion Ratio Lower Upper
120 100
91 536.3 389.8 584.8





#65
tert-Butylbenzene
Concen: 0.349 ppbv m
RT: 16.101 min Scan# 4194
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

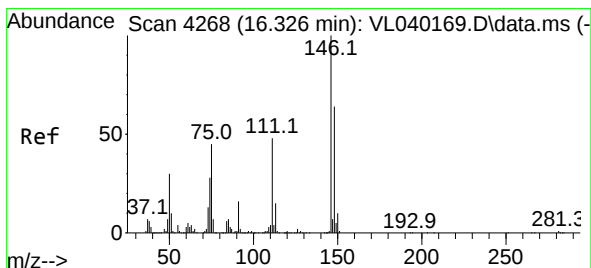
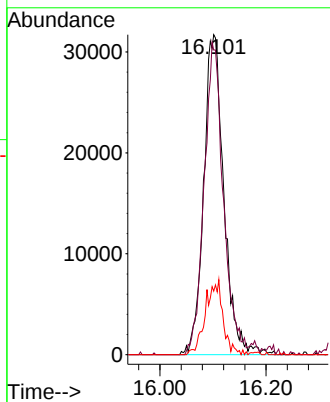
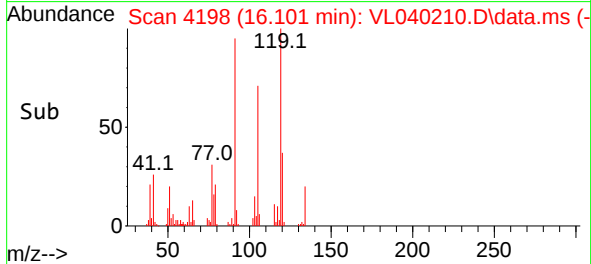
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion: 119 Resp: 83879
Ion Ratio Lower Upper
119 100
91 95.8 68.6 102.8
134 20.2 15.9 23.9

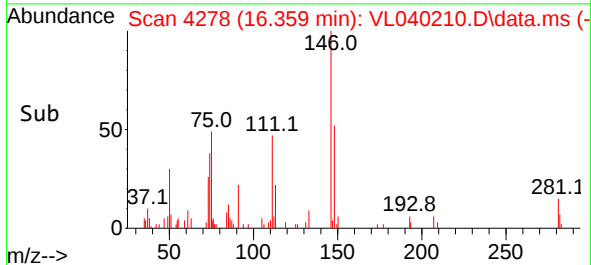
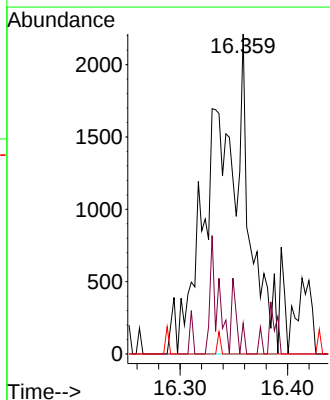
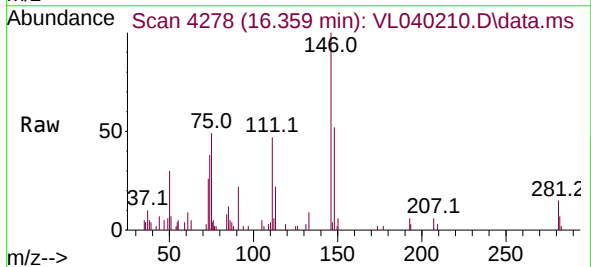
Manual Integrations
APPROVED

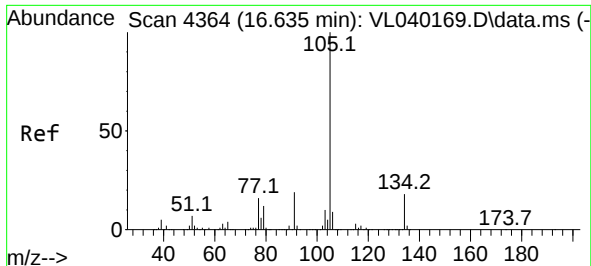
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#66
Benzyl Chloride
Concen: 0.311 ppbv m
RT: 16.359 min Scan# 4278
Delta R.T. 0.000 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

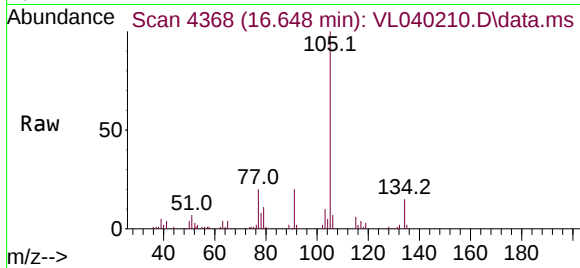
Tgt Ion: 91 Resp: 4969
Ion Ratio Lower Upper
91 100
126 13.9 13.1 19.7
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 0.352 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52

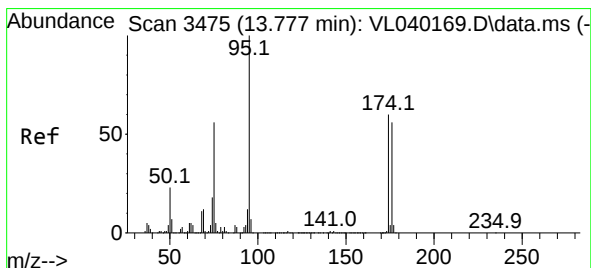
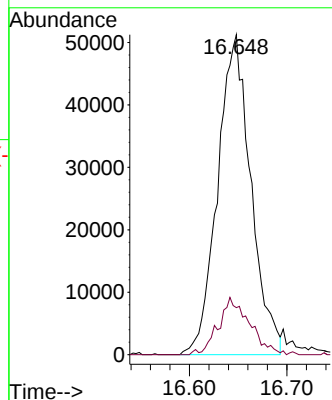
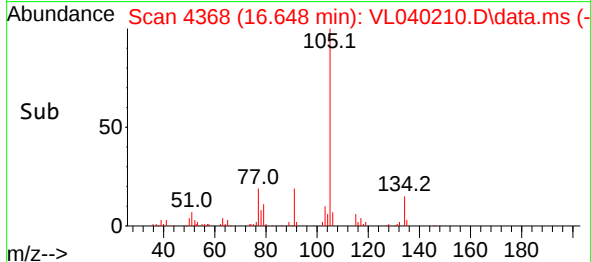
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT1-2023



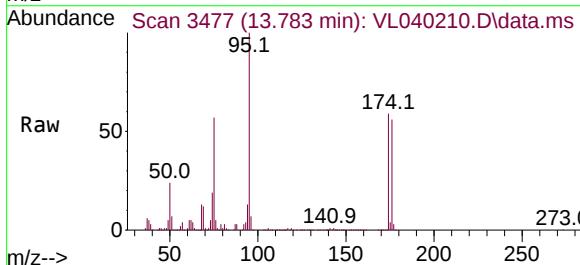
Tgt Ion:105 Resp: 121359
 Ion Ratio Lower Upper
 105 100
 134 16.9 14.1 21.1

Manual Integrations
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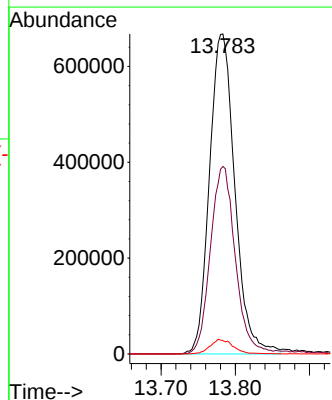
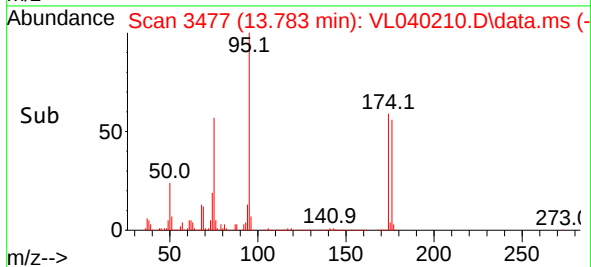
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

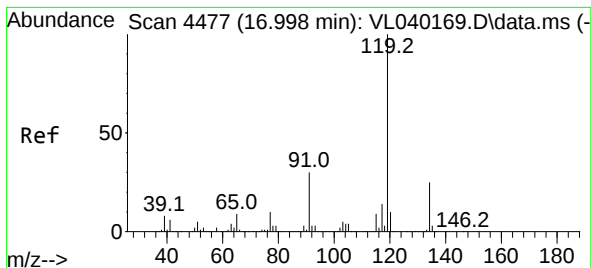


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.387 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.022 min
 Lab File: VL040210.D
 Acq: 22 Feb 2023 00:52



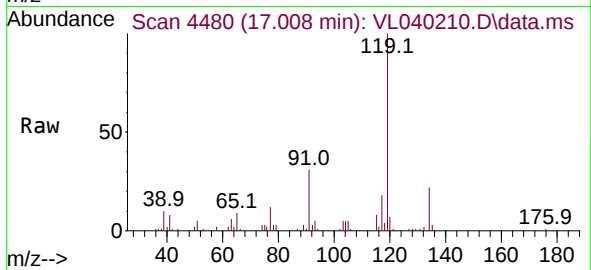
Tgt Ion: 95 Resp: 1587438
 Ion Ratio Lower Upper
 95 100
 174 58.9 48.2 72.2
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 0.329 ppbv m
RT: 17.008 min Scan# 4477
Delta R.T. -0.016 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

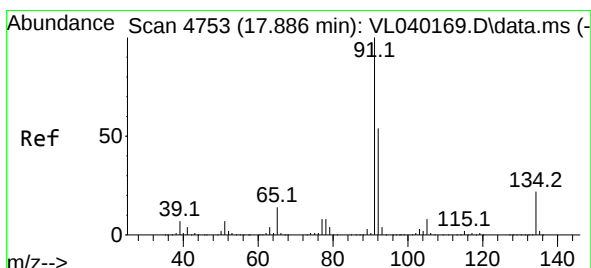
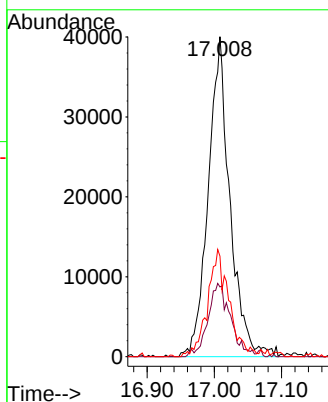
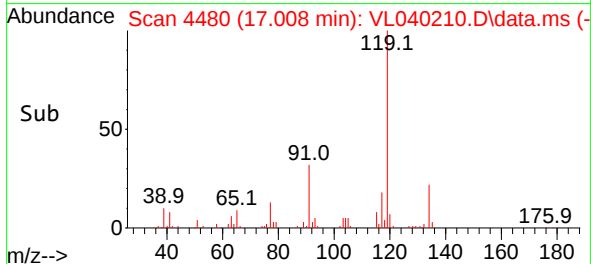
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:119 Resp: 89950
Ion Ratio Lower Upper
119 100
134 24.4 20.2 30.2
91 33.2 24.7 37.1

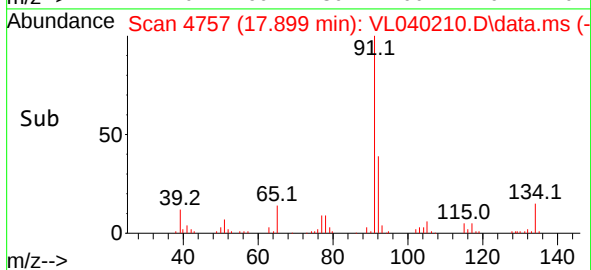
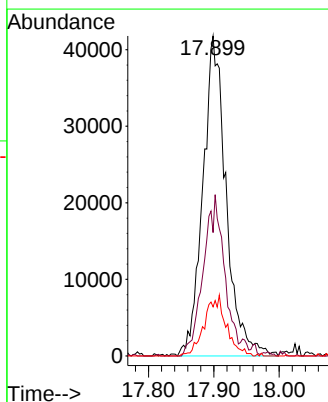
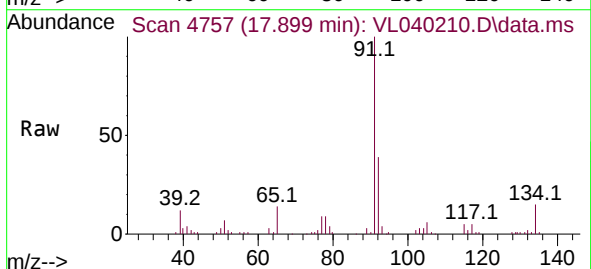
Manual Integrations
APPROVED

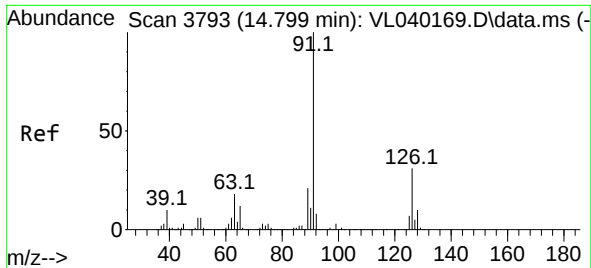
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
n-Butylbenzene
Concen: 0.349 ppbv m
RT: 17.899 min Scan# 4757
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion: 91 Resp: 103464
Ion Ratio Lower Upper
91 100
92 0.0 43.0 64.6#
134 0.0 16.9 25.3#





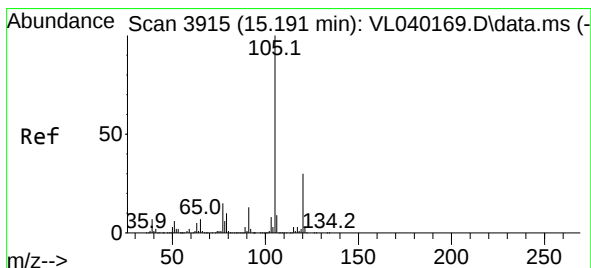
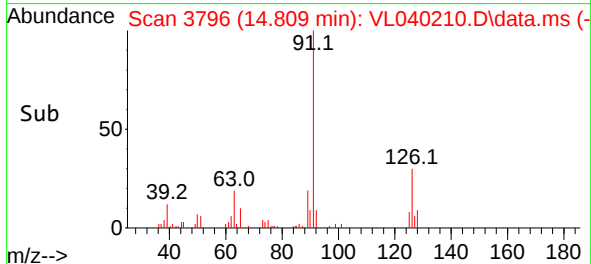
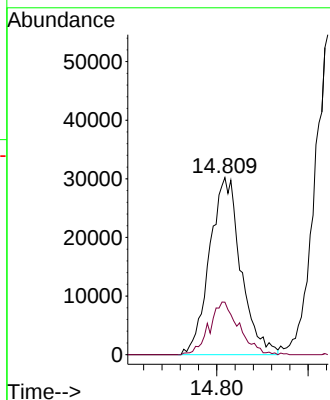
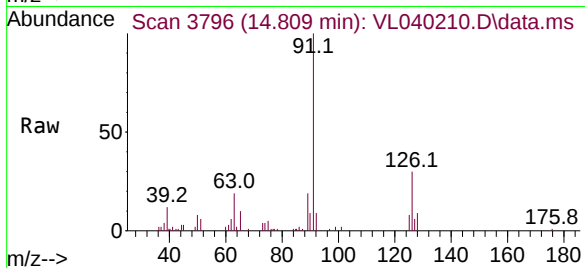
#71
2-Chlorotoluene
Concen: 0.340 ppbv m
RT: 14.809 min Scan# 3793
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion: 91 Resp: 7180
Ion Ratio Lower Upper
91 100
126 28.4 12.0 48.2

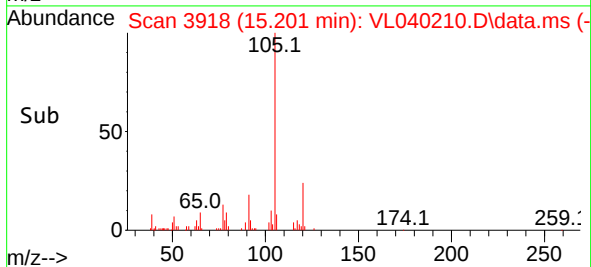
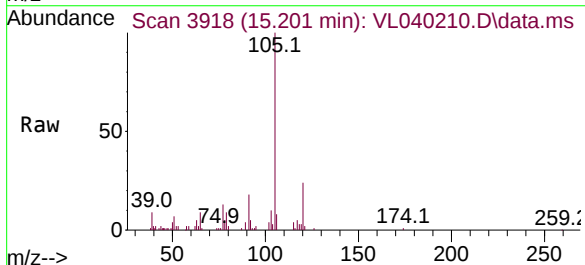
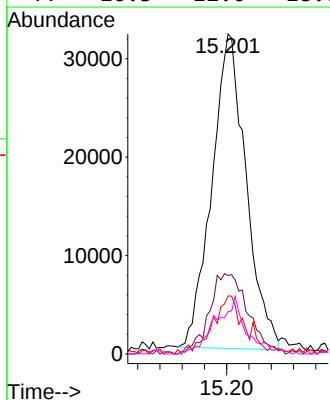
Manual Integrations
APPROVED

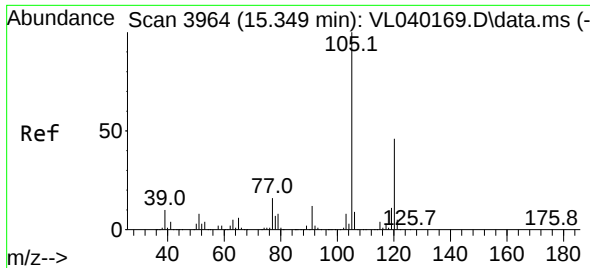
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#72
4-Ethyltoluene
Concen: 0.321 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

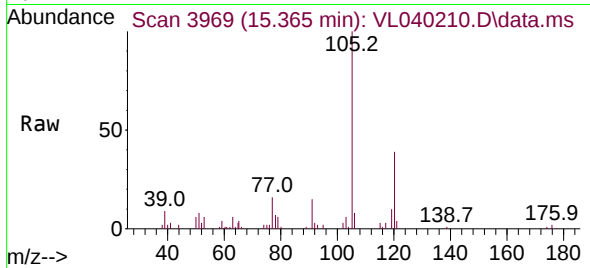
Tgt Ion:105 Resp: 68325
Ion Ratio Lower Upper
105 100
120 29.0 23.2 34.8
91 16.3 11.3 16.9
77 16.3 12.0 18.0





#73
1,3,5-Trimethylbenzene
Concen: 0.344 ppbv m
RT: 15.365 min Scan# 3969
Delta R.T. -0.016 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

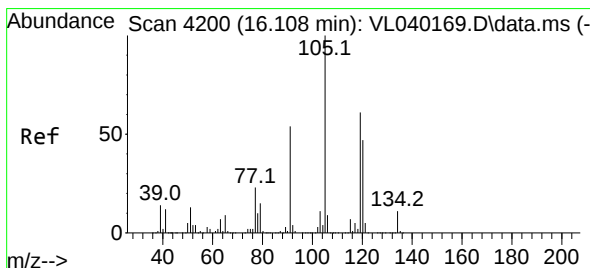
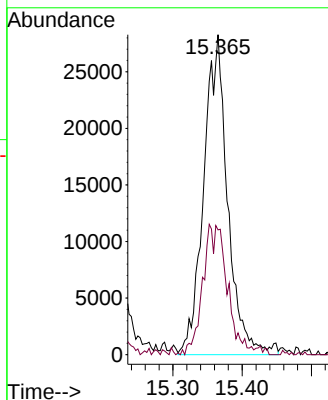
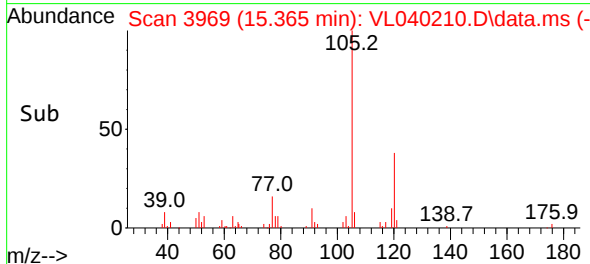
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:105 Resp: 68070
Ion Ratio Lower Upper
105 100
120 39.0 36.8 55.2

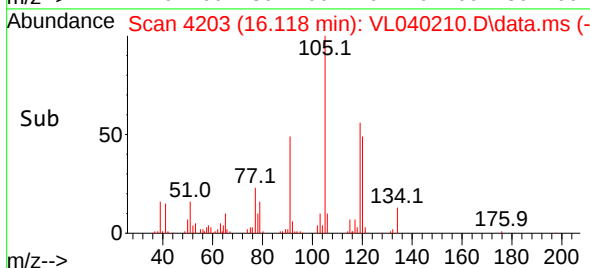
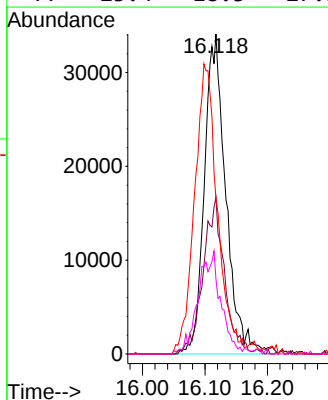
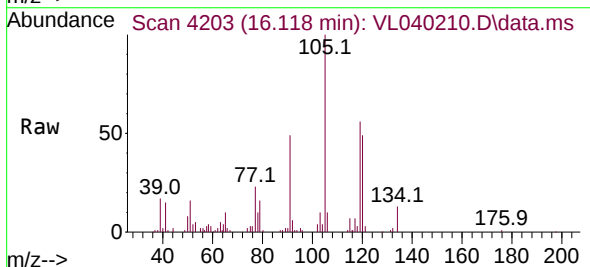
Manual Integrations
APPROVED

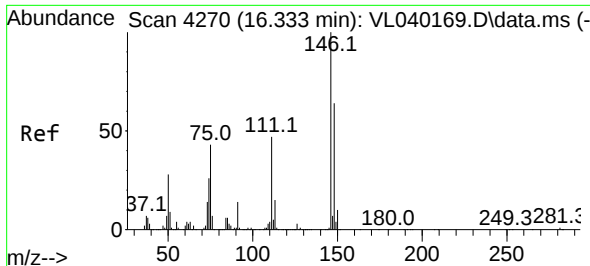
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#74
1,2,4-Trimethylbenzene
Concen: 0.375 ppbv m
RT: 16.118 min Scan# 4203
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion:105 Resp: 81628
Ion Ratio Lower Upper
105 100
120 48.9 37.9 56.9
91 48.5 43.7 65.5
77 23.4 18.3 27.5





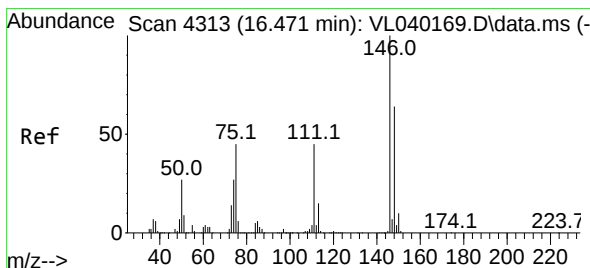
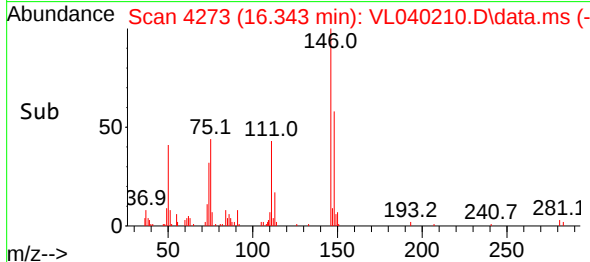
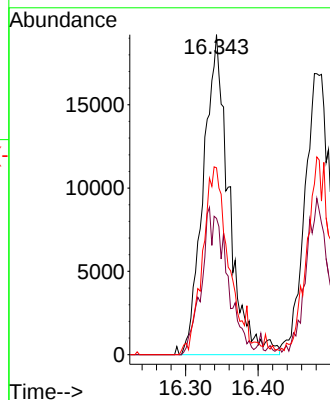
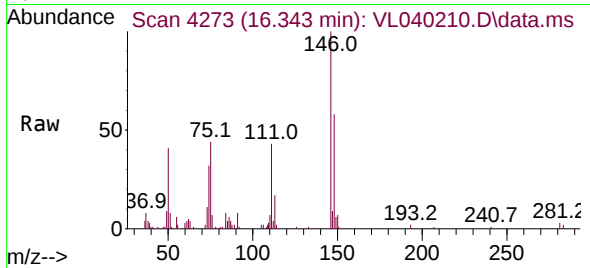
#75
1,3-Dichlorobenzene
Concen: 0.395 ppbv m
RT: 16.343 min Scan# 4315
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023

Tgt Ion:146 Resp: 4697
Ion Ratio Lower Upper
146 100
111 48.1 23.9 71.8
148 60.8 32.1 96.5

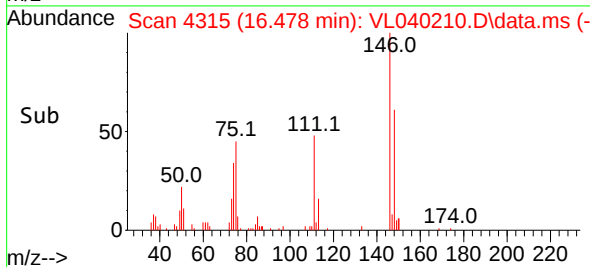
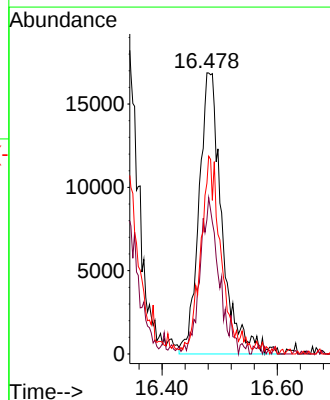
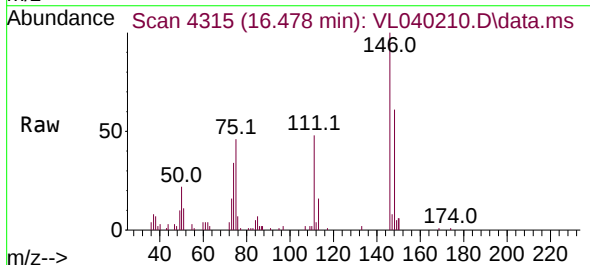
Manual Integrations
APPROVED

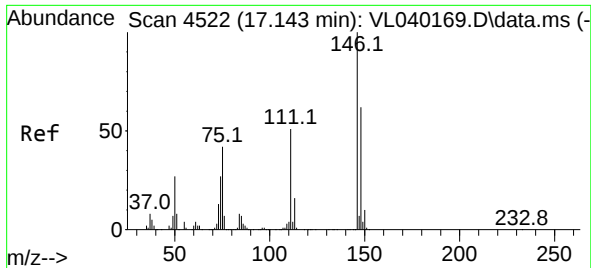
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#76
1,4-Dichlorobenzene
Concen: 0.402 ppbv m
RT: 16.478 min Scan# 4315
Delta R.T. -0.026 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

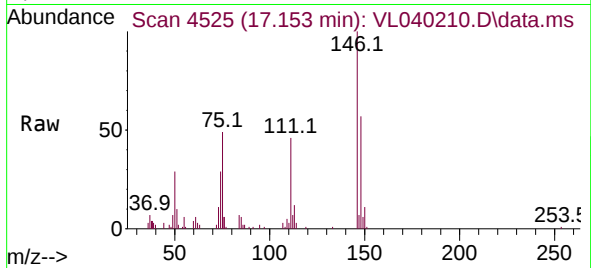
Tgt Ion:146 Resp: 46867
Ion Ratio Lower Upper
146 100
111 47.0 23.5 70.5
148 64.8 32.5 97.4





#77
1,2-Dichlorobenzene
Concen: 0.378 ppbv
RT: 17.153 min Scan# 41
Delta R.T. -0.026 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

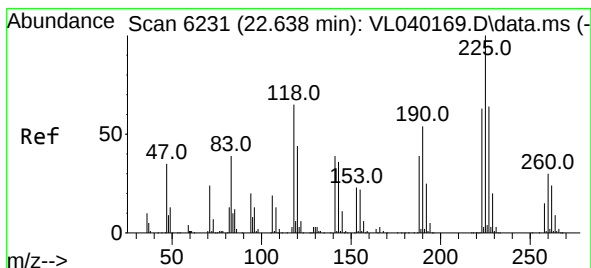
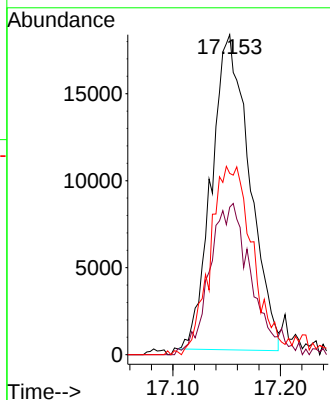
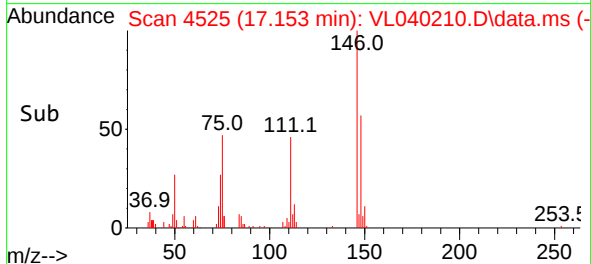
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



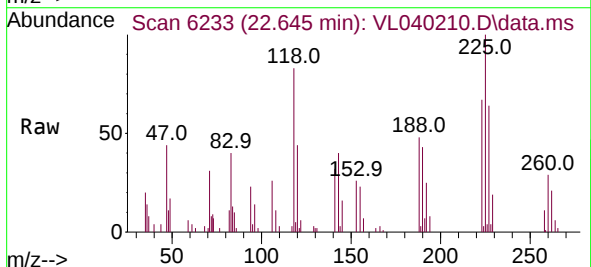
Tgt Ion:146 Resp: 44684
Ion Ratio Lower Upper
146 100
111 53.6 25.3 75.8
148 70.4 32.0 96.2

Manual Integrations
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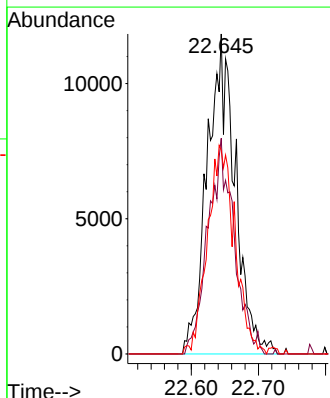
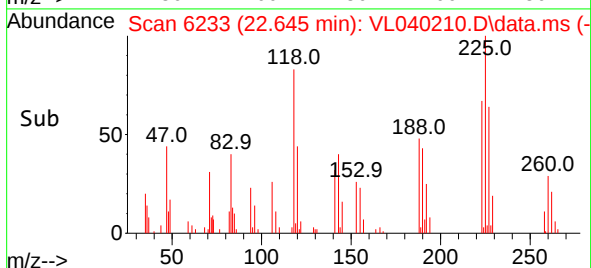
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

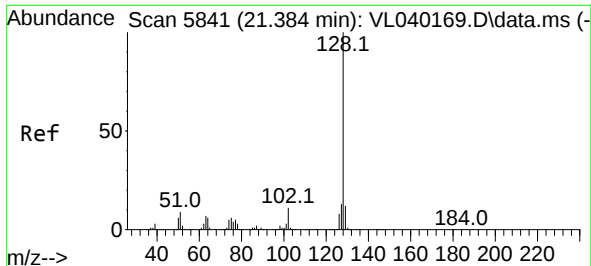


#78
Hexachloro-1,3-Butadiene
Concen: 0.421 ppbv m
RT: 22.645 min Scan# 6233
Delta R.T. -0.022 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52



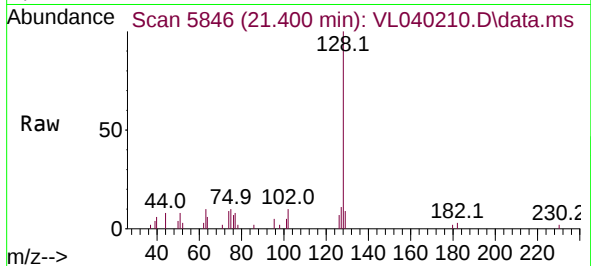
Tgt Ion:225 Resp: 34186
Ion Ratio Lower Upper
225 100
223 0.0 51.0 76.6#
227 0.0 51.2 76.8#





#79
Naphthalene
Concen: 0.246 ppbv m
RT: 21.400 min Scan# 5846
Delta R.T. -0.019 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

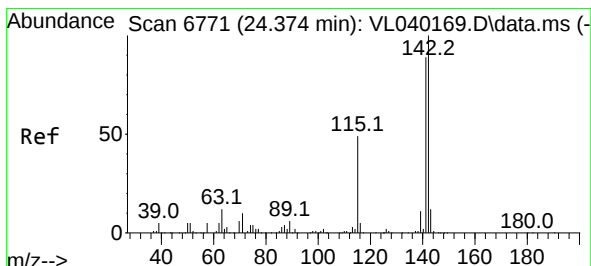
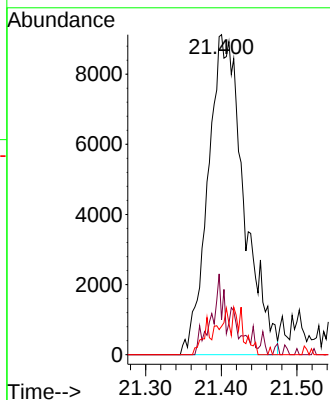
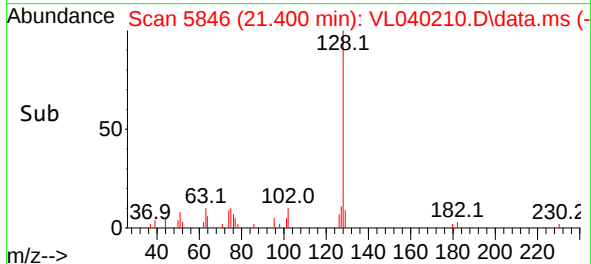
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT1-2023



Tgt Ion:128 Resp: 30020
Ion Ratio Lower Upper
128 100
127 10.9 10.2 15.4
129 8.9 9.4 14.0

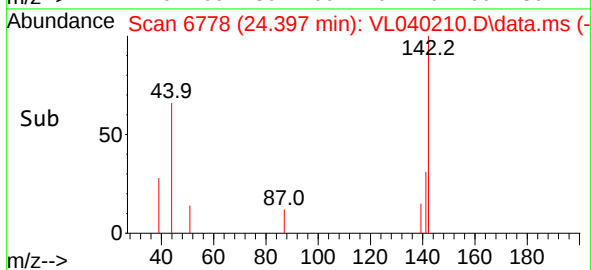
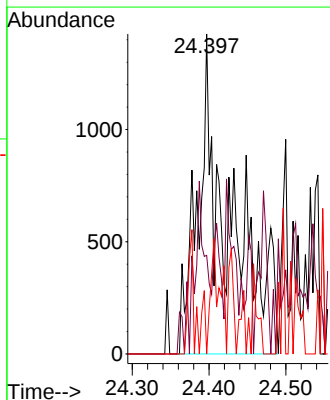
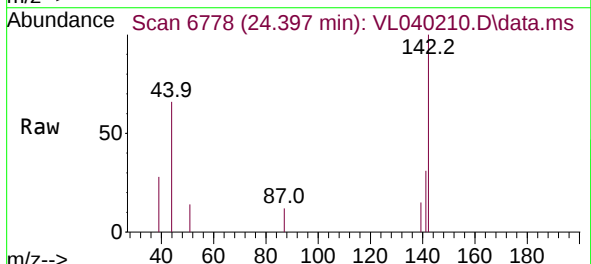
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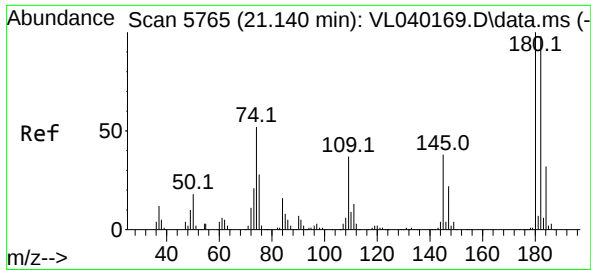
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#80
Naphthalene,2-methyl-
Concen: 0.116 ppbv m
RT: 24.397 min Scan# 6778
Delta R.T. -0.003 min
Lab File: VL040210.D
Acq: 22 Feb 2023 00:52

Tgt Ion:142 Resp: 4024
Ion Ratio Lower Upper
142 100
141 46.2 67.3 100.9#
115 19.4 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.299 ppbv m

RT: 21.159 min Scan# 51

Delta R.T. -0.016 min

Lab File: VL040210.D

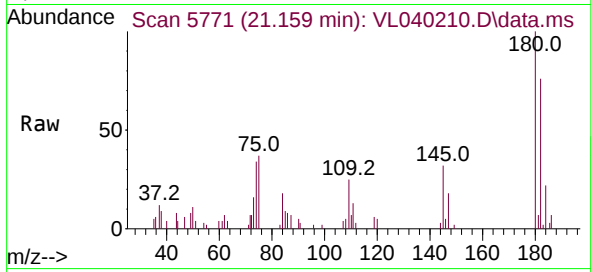
Acq: 22 Feb 2023 00:52

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT1-2023



Tgt Ion:180 Resp: 22840

Ion Ratio Lower Upper

180 100

182 0.0 79.0 118.6

184 29.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023

