

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041240.D
 Acq On : 8 May 2024 12:35
 Operator : SY/MD
 Sample : P2403-13 LOD 0.40
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024

Quant Time: May 09 04:50:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu May 09 02:43:03 2024
 Response via : Initial Calibration

Manual Integrations
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Reviewed By : Semsettin
 Yesilyurt

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.214	49	825699	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2196314	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.491	117	2020525	10.000	ppbv	0.00

05/09/2024
 Supervised By : Mahesh
 Padoda

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.802	95	1537385	10.079	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

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Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.745	85	67513	0.604	ppbv	93
3) Chlorodifluoromethane	2.694	51	58206	0.464	ppbv	99
4) Chloromethane	2.835	50	22511	0.457	ppbv #	85
5) Vinyl Chloride	2.938	62	20936	0.424	ppbv	100
6) Bromomethane	3.140	94	8175	0.453	ppbv	100
7) Chloroethane	3.218	64	8011	0.459	ppbv #	76
8) Dichlorotetrafluoroethane	2.874	85	56450	0.488	ppbv	99
9) Propene	2.713	41	24432m	0.498	ppbv	
10) Heptane	7.603	43	45961	0.387	ppbv	97
11) Trichlorofluoromethane	3.581	101	52572	0.463	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.086	101	36841	0.439	ppbv	98
13) Ethanol	3.272	45	5754m	0.523	ppbv	
14) Bromoethene	3.388	108	13758	0.397	ppbv #	83
15) Acetone	3.504	43	48824	0.501	ppbv #	85
16) 1,3-Butadiene	3.002	39	20249	0.412	ppbv	91
17) tert-Butyl alcohol	3.919	59	37739m	0.359	ppbv	
18) 1,1-Dichloroethene	3.899	96	16668m	0.445	ppbv	
19) Isopropyl Alcohol	3.613	45	28731m	0.449	ppbv	
20) Methylene Chloride	3.957	84	17887	0.528	ppbv	92
21) Allyl Chloride	4.018	41	24894	0.392	ppbv	88
22) trans-1,2-Dichloroethene	4.468	96	15925	0.409	ppbv	97
23) Vinyl Acetate	4.658	43	40727m	0.380	ppbv	
24) 1,1-Dichloroethane	4.587	63	36987	0.443	ppbv	98
25) Ethyl Acetate	5.234	43	80831m	0.416	ppbv	
26) Hexane	5.237	57	36095m	0.416	ppbv	
27) Carbon Disulfide	4.150	76	38683m	0.376	ppbv	
28) Methyl tert-Butyl Ether	4.620	73	25874	0.374	ppbv	92
29) Chloroform	5.295	83	57197	0.478	ppbv	98
30) Cyclohexane	6.629	84	30986m	0.451	ppbv	
31) cis-1,2-Dichloroethene	5.102	61	35881m	0.442	ppbv	
32) 1,1,1-Trichloroethane	6.031	97	51684	0.433	ppbv	95
34) 2-Butanone	4.822	43	46917	0.420	ppbv	95
35) Carbon Tetrachloride	6.523	117	51614m	0.419	ppbv	
36) Benzene	6.388	78	74799m	0.406	ppbv	
37) 1,2-Dichloroethane	5.828	62	44026m	0.458	ppbv	
38) Trichloroethene	7.314	130	28222	0.411	ppbv	88
39) 1,2-Dichloropropane	7.099	63	29267	0.412	ppbv #	87
40) 1,4-Dioxane	7.359	88	10916m	0.430	ppbv	
41) Tetrahydrofuran	5.603	42	30632m	0.379	ppbv	
42) Bromodichloromethane	7.275	83	56609	0.410	ppbv #	98
43) Methyl Methacrylate	7.507	69	27486m	0.369	ppbv	
44) 2,2,4-Trimethylpentane	7.353	57	125746	0.396	ppbv	97
45) t-1,3-Dichloropropene	8.745	75	15554m	0.288	ppbv	

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu May 09 02:43:03 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.169	75	22727m	0.344	ppbv		05/09/2024
47) 1,1,2-Trichloroethane	8.915	97	31359m	0.441	ppbv		Supervised By : Mahesh Dadoda
48) Dibromochloromethane	9.742	129	44305m	0.391	ppbv		
49) Bromoform	12.433	173	31810m	0.330	ppbv		
50) 4-Methyl-2-Pentanone	8.224	43	77172m	0.385	ppbv		
51) 2-Hexanone	9.603	43	51327m	0.345	ppbv		
52) Tetrachloroethene	10.642	164	27200m	0.420	ppbv		05/09/2024
53) Toluene	9.243	91	83498m	0.391	ppbv		
54) 1,2-Dibromoethane	10.037	107	42391m	0.440	ppbv		
56) 1,1,1,2-Tetrachloroethane	11.539	131	35915m	0.438	ppbv		
57) Chlorobenzene	11.555	112	69668m	0.471	ppbv		
58) Ethyl Benzene	12.118	91	113102	0.408	ppbv	98	
59) m/p-Xylene	12.397	91	189638m	0.814	ppbv		
60) o-Xylene	13.089	91	92525	0.424	ppbv	96	
61) Styrene	12.921	104	39186	0.340	ppbv	97	
62) Isopropylbenzene	14.056	105	137104	0.420	ppbv	97	
63) 1,1,2,2-Tetrachloroethane	13.073	83	67034m	0.451	ppbv		
64) n-propylbenzene	14.947	120	37274m	0.458	ppbv		
65) tert-Butylbenzene	16.121	119	126348m	0.432	ppbv		
66) Benzyl Chloride	16.368	91	5997m	0.181	ppbv		
67) sec-Butylbenzene	16.670	105	180806m	0.439	ppbv		
69) p-Isopropyltoluene	17.027	119	142223m	0.419	ppbv		
70) n-Butylbenzene	17.918	91	140015	0.395	ppbv	98	
71) 2-Chlorotoluene	14.828	91	106021m	0.427	ppbv		
72) 4-Ethyltoluene	15.220	105	99904	0.404	ppbv #	96	
73) 1,3,5-Trimethylbenzene	15.384	105	97021m	0.434	ppbv		
74) 1,2,4-Trimethylbenzene	16.134	105	98588	0.404	ppbv	94	
75) 1,3-Dichlorobenzene	16.355	146	55978	0.400	ppbv	89	
76) 1,4-Dichlorobenzene	16.503	146	54837	0.407	ppbv	91	
77) 1,2-Dichlorobenzene	17.179	146	63146m	0.451	ppbv		
78) Hexachloro-1,3-Butadiene	22.664	225	57895m	0.465	ppbv		
79) Naphthalene	21.423	128	70270m	0.302	ppbv		
80) Naphthalene,2-methyl-	24.516	142	11648m	0.124	ppbv		
81) 1,2,4-Trichlorobenzene	21.175	180	37301m	0.304	ppbv		

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

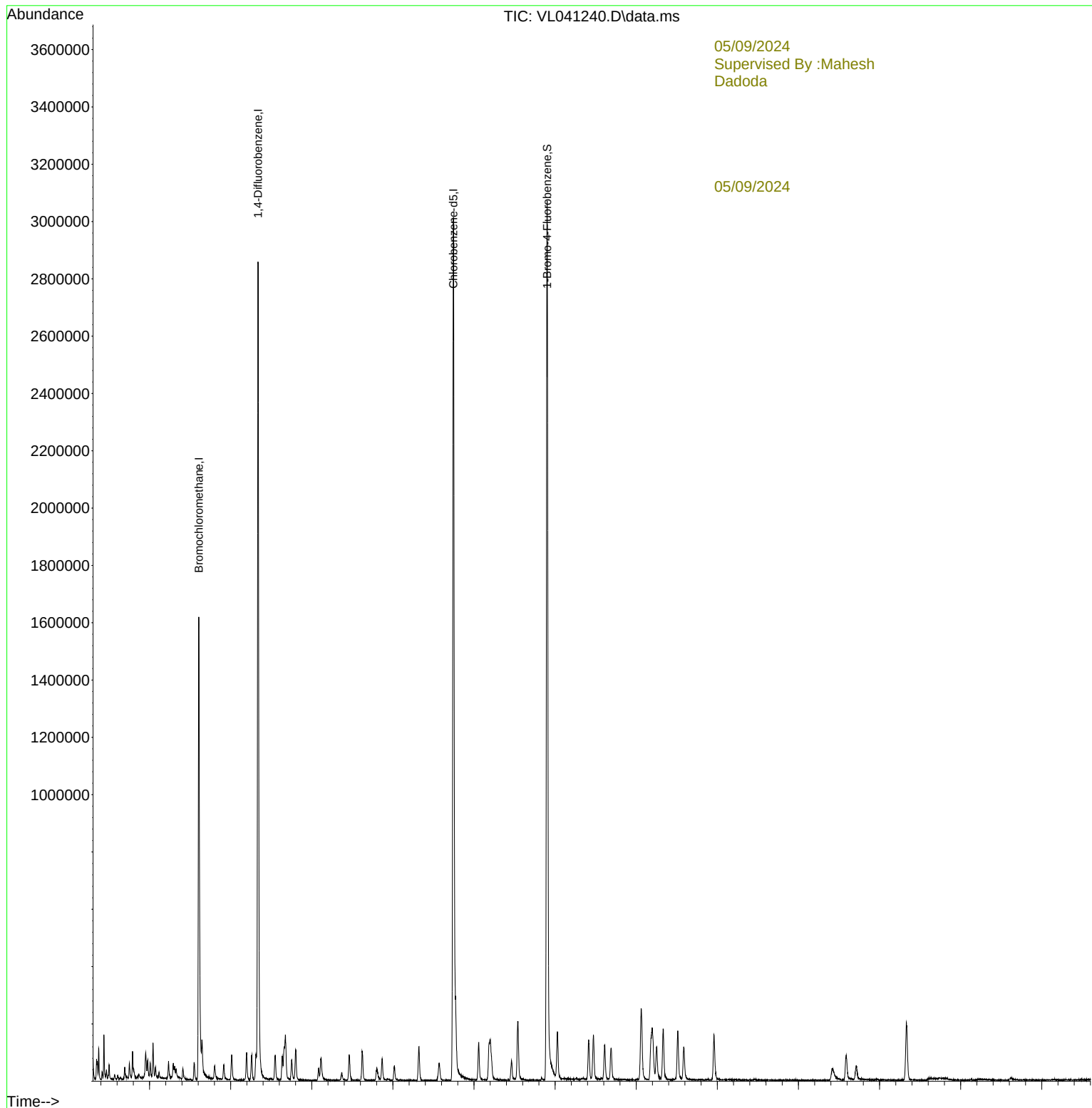
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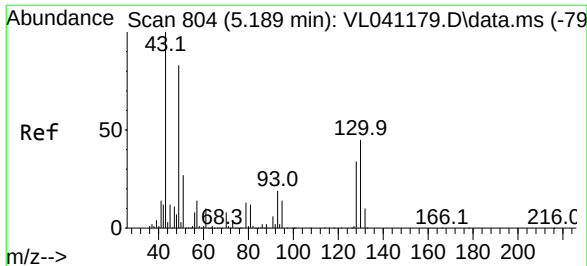
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

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QLast Update : Thu May 09 02:43:03 2024
Response via : Initial Calibration

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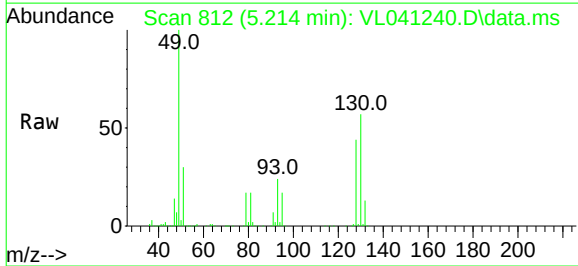
Reviewed By : Semsettin
Yesilyurt





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

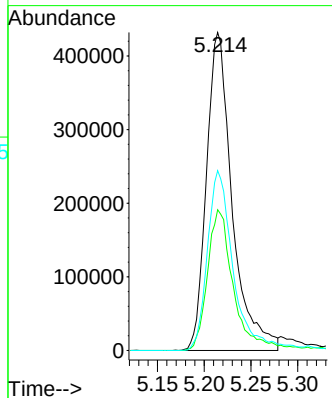
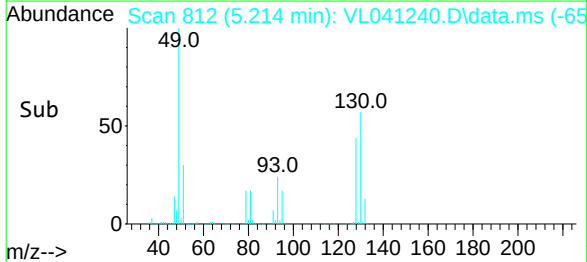
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 49 Resp: 825699
Ion Ratio Lower Upper
49 100
128 46.4 21.5 64.5
130 58.7 27.2 81.6

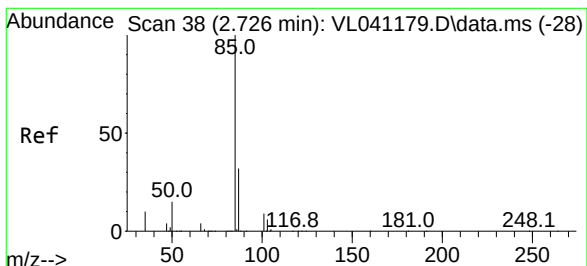
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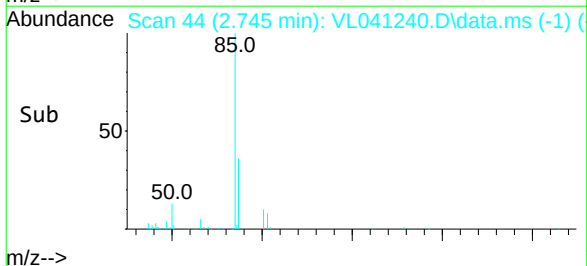
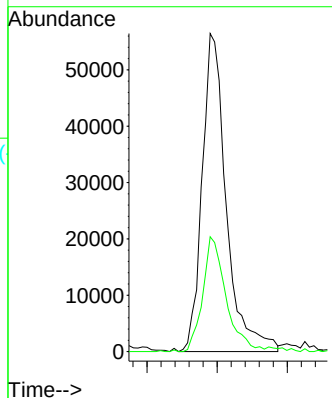
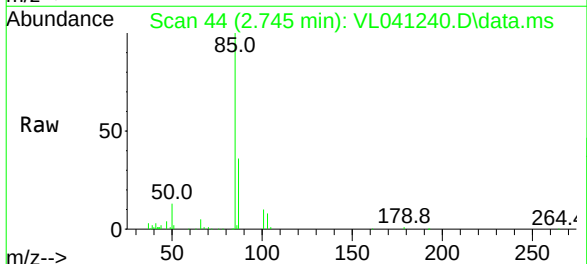
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Supervised By :Mahesh
Dadoda

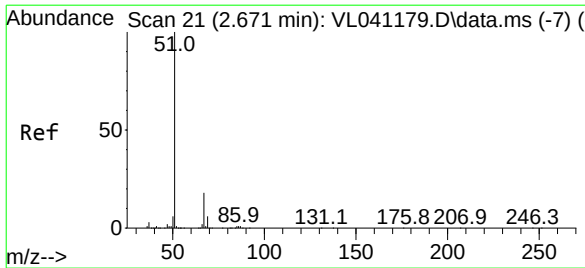
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#2
Dichlorodifluoromethane
Concen: 0.604 ppbv
RT: 2.745 min Scan# 44
Delta R.T. 0.000 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 85 Resp: 67513
Ion Ratio Lower Upper
85 100
87 36.1 25.7 38.5





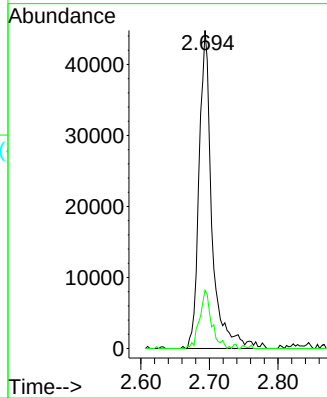
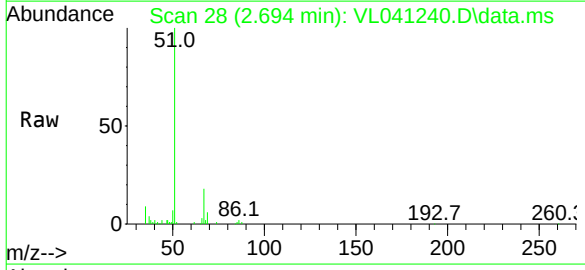
#3
Chlorodifluoromethane
Concen: 0.464 ppbv
RT: 2.694 min Scan# 28
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 51 Resp: 58206
Ion Ratio Lower Upper
51 100
67 17.1 14.0 21.0

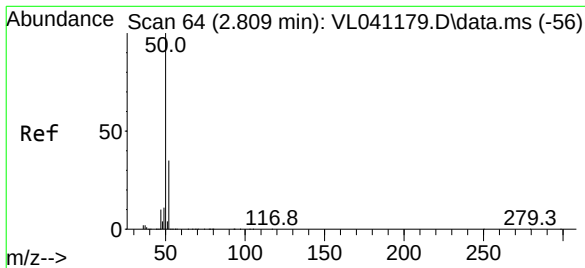
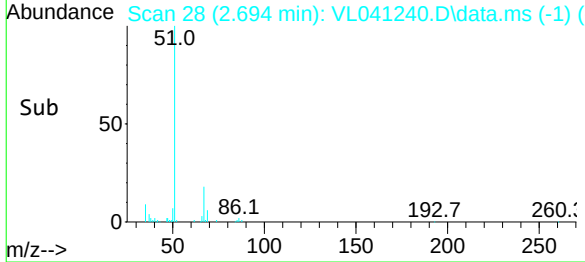
Manual Integrations
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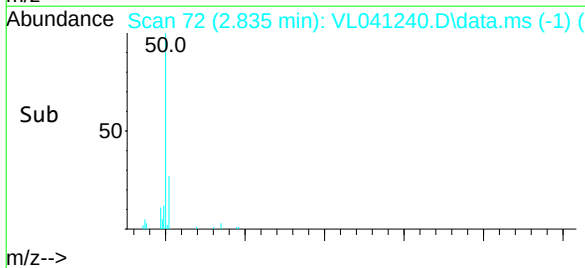
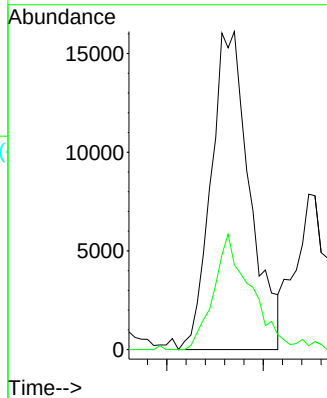
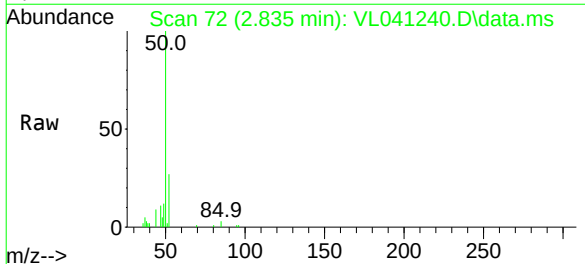
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Dadoda

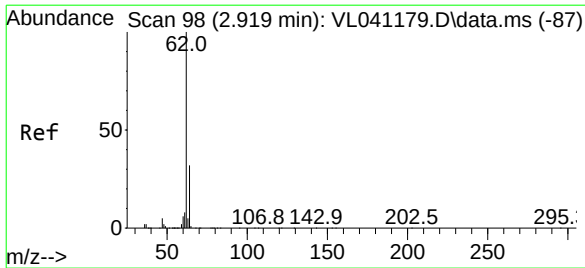
05/09/2024



#4
Chloromethane
Concen: 0.457 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 50 Resp: 22511
Ion Ratio Lower Upper
50 100
52 26.7 28.3 42.5#





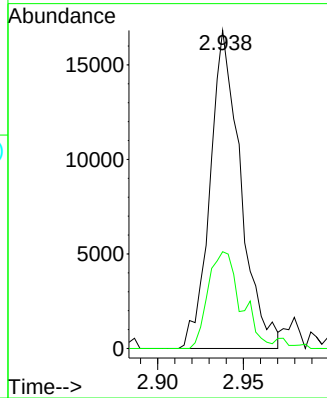
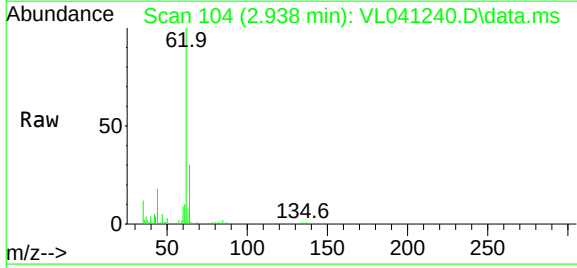
#5
 Vinyl Chloride
 Concen: 0.424 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.000 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35

Instrument : MSVOA_L
 ClientSampleId : LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 62 Resp: 20936
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.7 38.5

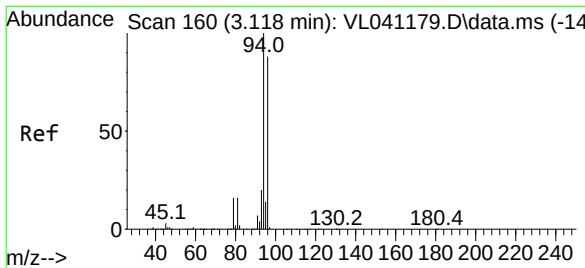
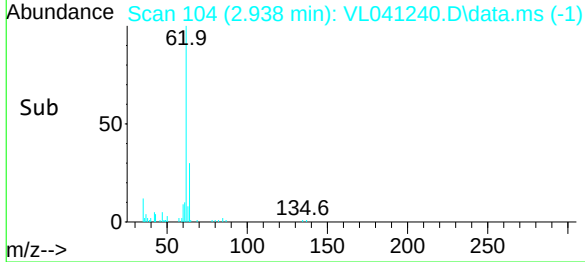
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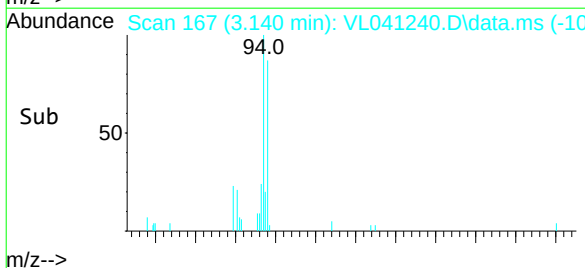
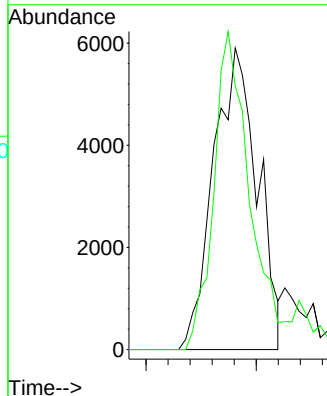
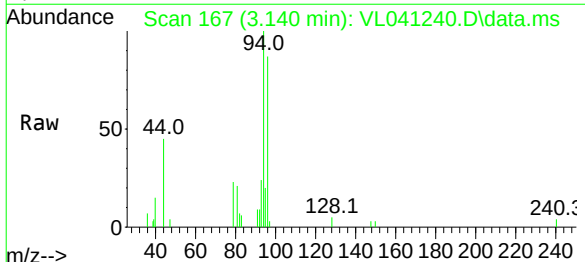
05/09/2024
 Supervised By :Mahesh
 Dadoda

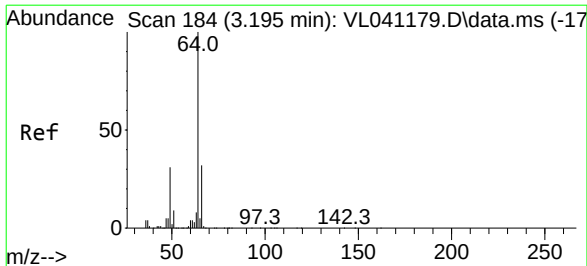
05/09/2024



#6
 Bromomethane
 Concen: 0.453 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.003 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35

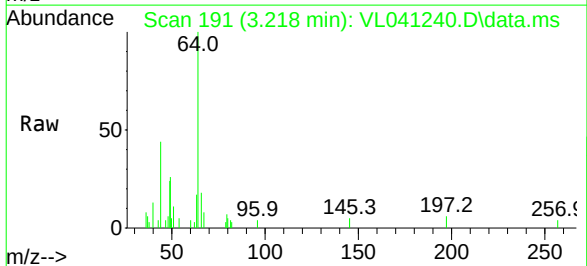
Tgt Ion: 94 Resp: 8175
 Ion Ratio Lower Upper
 94 100
 96 87.4 70.1 105.1





#7
Chloroethane
Concen: 0.459 ppbv
RT: 3.218 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

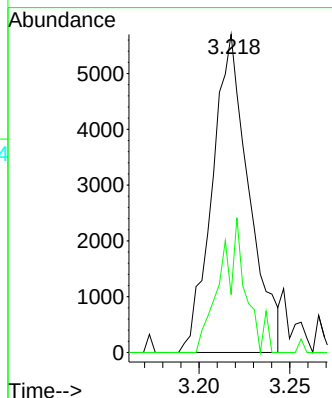
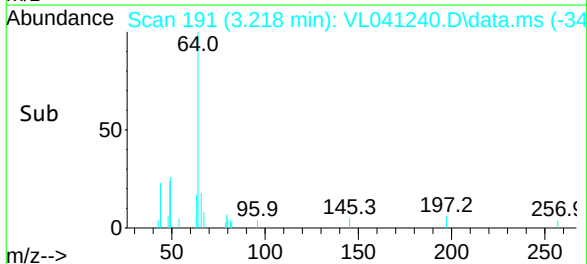
Instrument :
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LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 64 Resp: 8011
Ion Ratio Lower Upper
64 100
66 18.2 25.4 38.2#

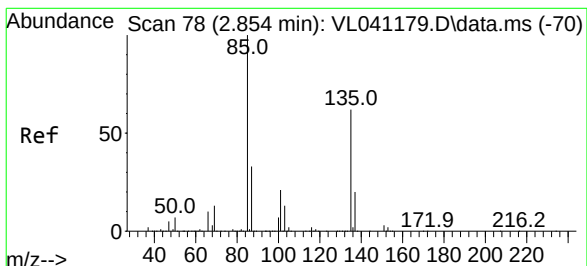
Manual Integrations
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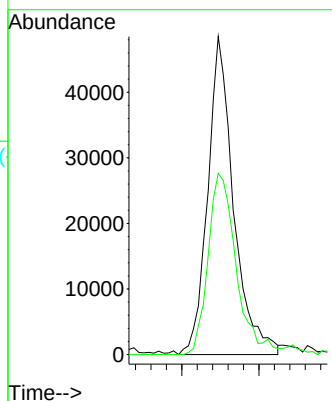
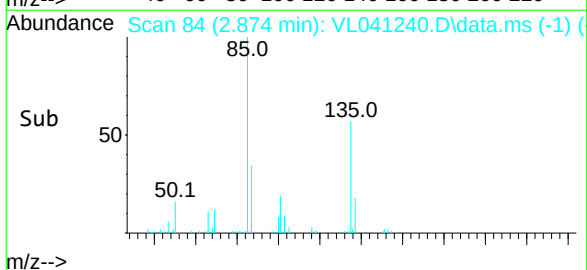
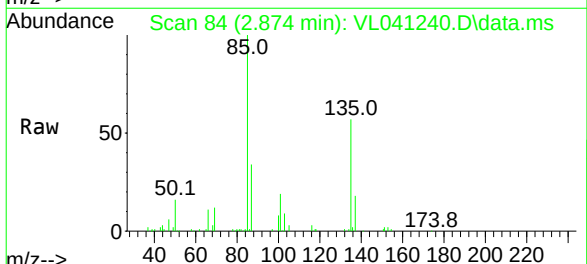
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Dadoda

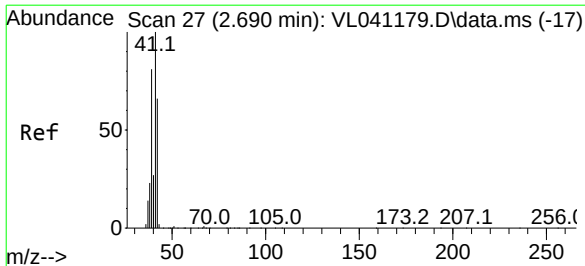
05/09/2024



#8
Dichlorotetrafluoroethane
Concen: 0.488 ppbv
RT: 2.874 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 85 Resp: 56450
Ion Ratio Lower Upper
85 100
135 64.8 51.5 77.3





#9

Propene

Concen: 0.498 ppbv m

RT: 2.713 min Scan# 34

Delta R.T. 0.003 min

Lab File: VL041240.D

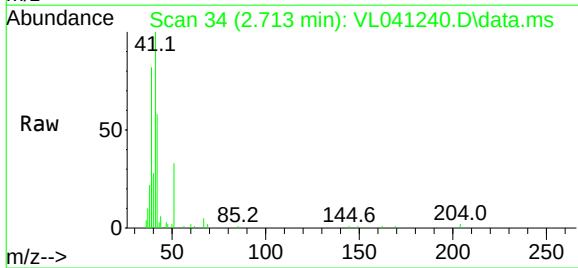
Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 41 Resp: 24432

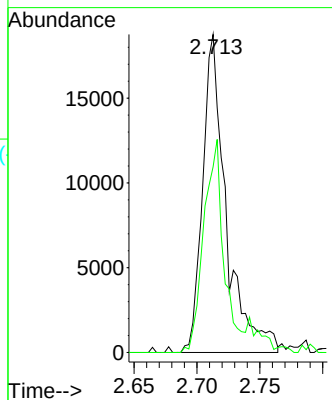
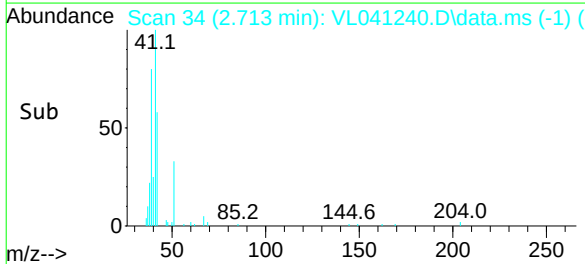
Ion Ratio Lower Upper

41 100

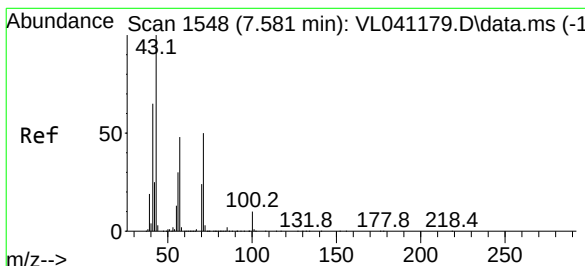
42 64.0 55.3 82.9

Manual Integrations

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Supervised By :Mahesh
Dadoda

05/09/2024



#10

Heptane

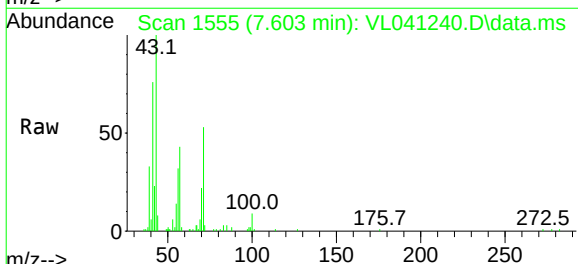
Concen: 0.387 ppbv

RT: 7.603 min Scan# 1555

Delta R.T. 0.003 min

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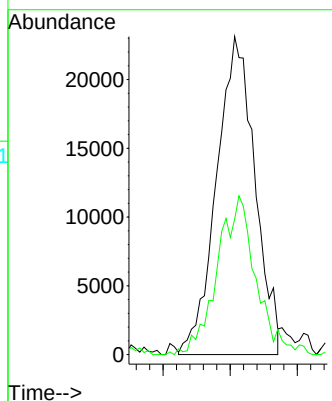
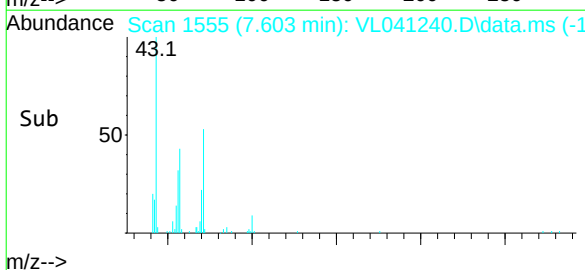


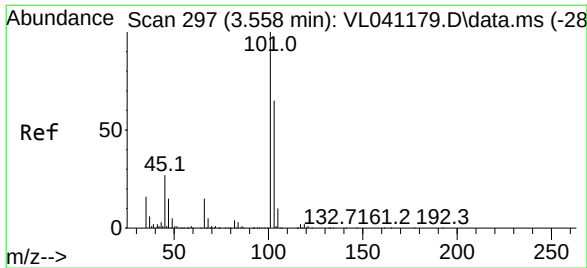
Tgt Ion: 43 Resp: 45961

Ion Ratio Lower Upper

43 100

57 50.3 38.7 58.1





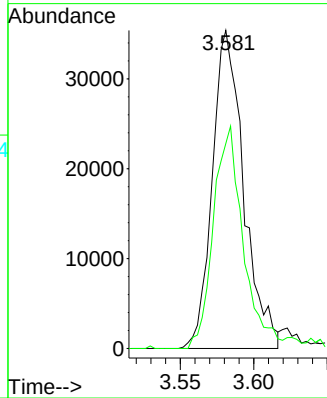
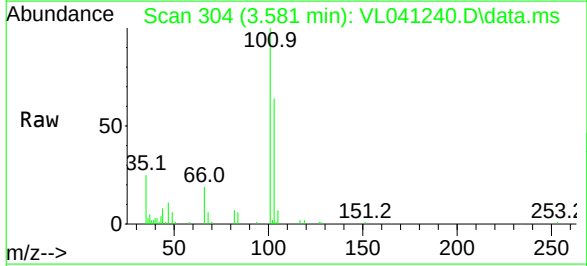
#11
Trichlorofluoromethane
Concen: 0.463 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion:101 Resp: 52572
Ion Ratio Lower Upper
101 100
103 64.4 51.6 77.4

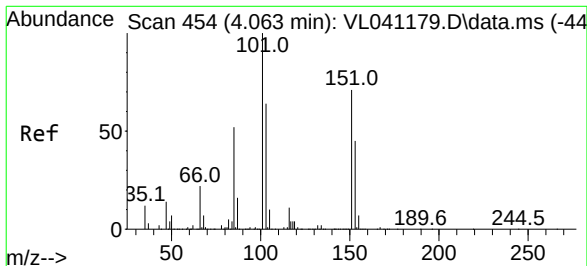
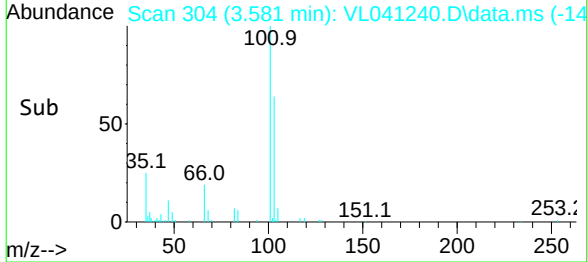
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



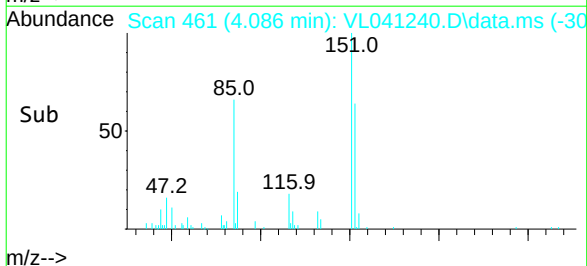
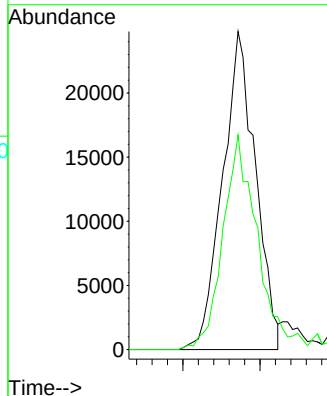
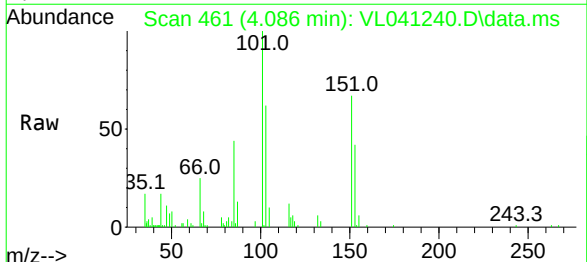
05/09/2024
Supervised By :Mahesh
Dadoda

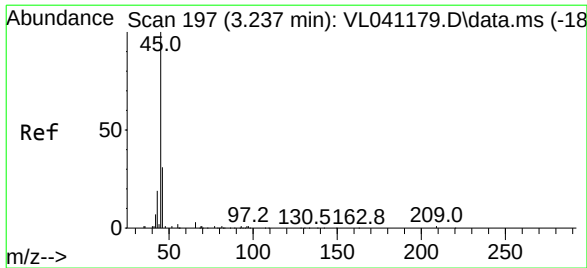
05/09/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.439 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion:101 Resp: 36841
Ion Ratio Lower Upper
101 100
151 72.6 56.8 85.2





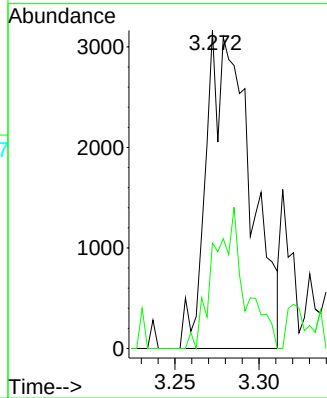
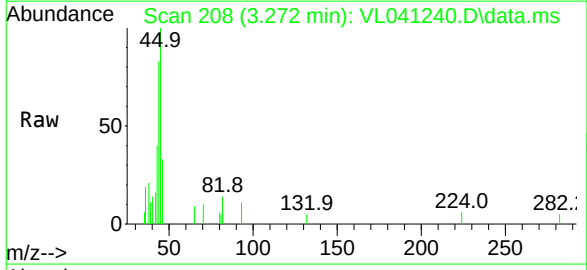
#13
Ethanol
Concen: 0.523 ppbv m
RT: 3.272 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 45 Resp: 5754
Ion Ratio Lower Upper
45 100
46 2.0 14.8 59.0#

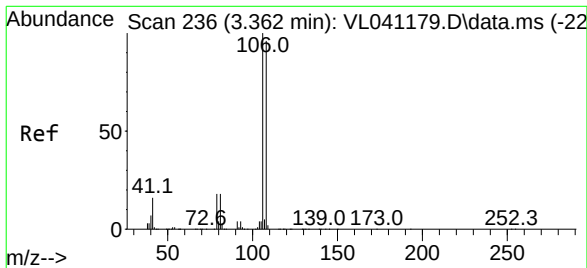
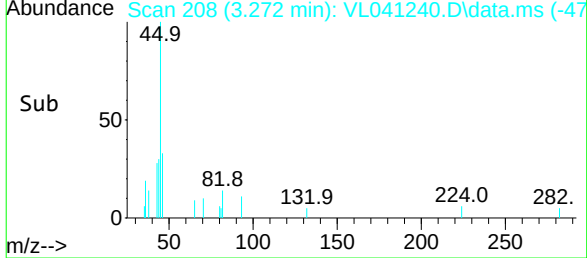
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



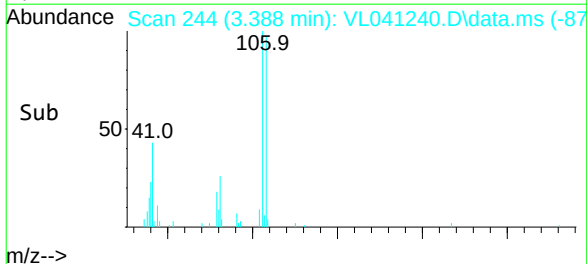
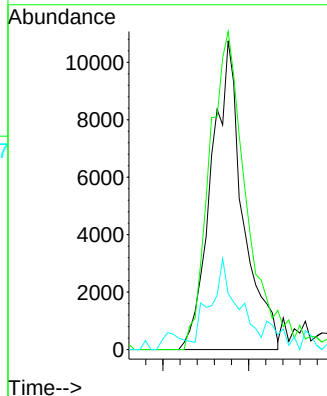
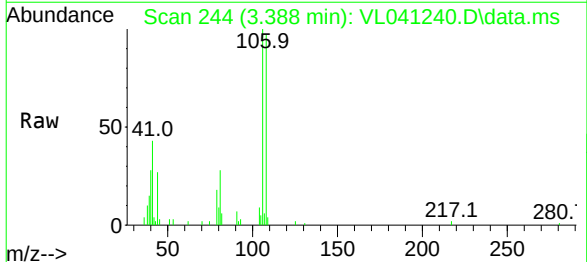
05/09/2024
Supervised By :Mahesh
Dadoda

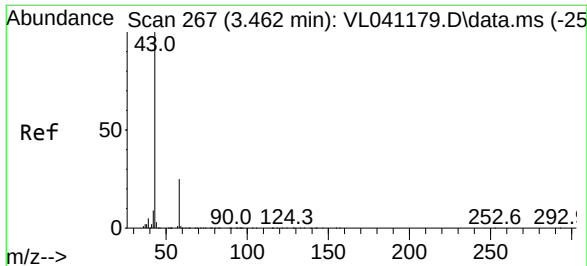
05/09/2024



#14
Bromoethene
Concen: 0.397 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion:108 Resp: 13758
Ion Ratio Lower Upper
108 100
106 125.4 88.2 132.4
79 37.7 17.4 26.0#





#15

Acetone

Concen: 0.501 ppbv

RT: 3.504 min Scan# 28

Delta R.T. 0.019 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Tgt Ion: 43 Resp: 48824

Ion Ratio Lower Upper

43 100

58 34.3 21.4 32.0

Instrument :

MSVOA_L

ClientSampleId :

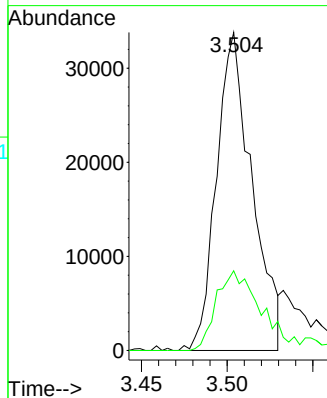
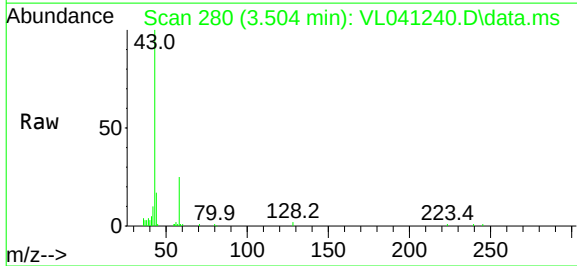
LOD-MDL-AIR-01-QT2-2024

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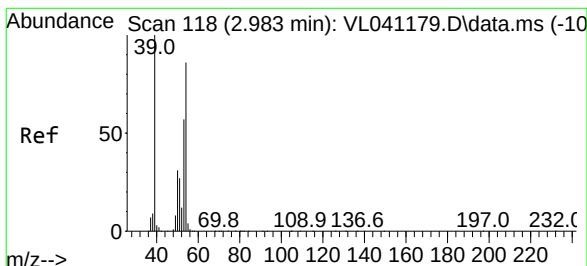
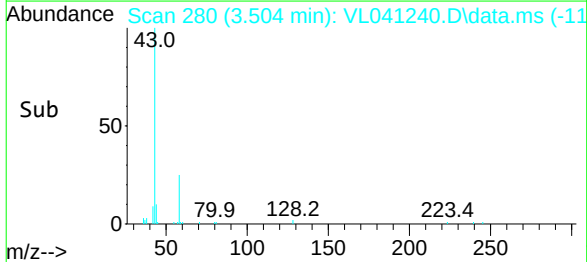
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Dadoda

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#16

1,3-Butadiene

Concen: 0.412 ppbv

RT: 3.002 min Scan# 124

Delta R.T. 0.000 min

Lab File: VL041240.D

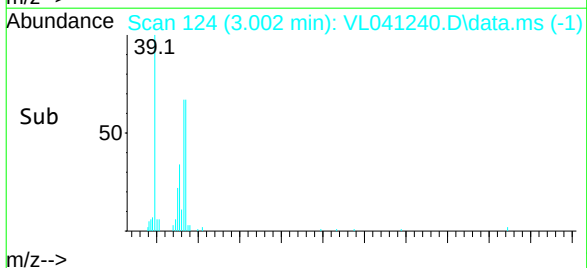
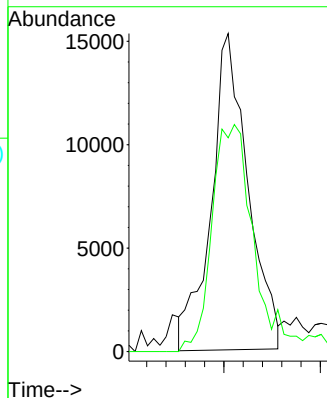
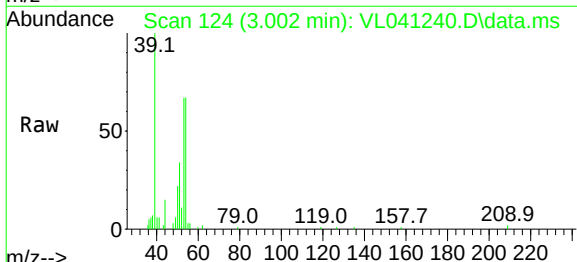
Acq: 8 May 2024 12:35

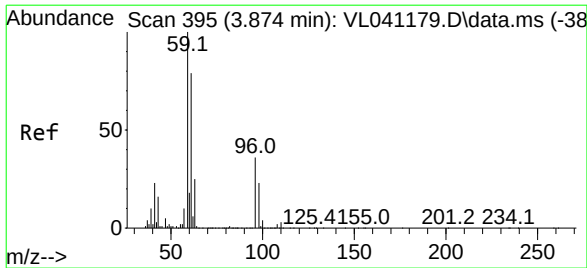
Tgt Ion: 39 Resp: 20249

Ion Ratio Lower Upper

39 100

54 85.6 62.2 93.4





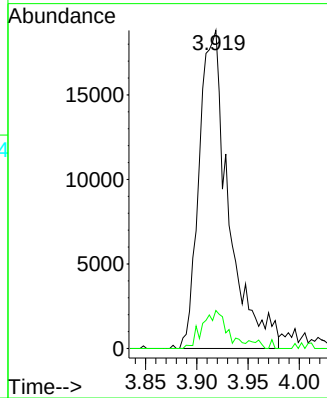
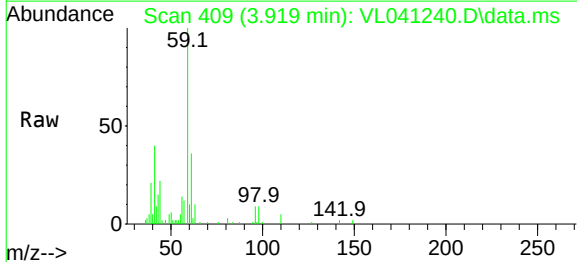
#17
tert-Butyl alcohol
Concen: 0.359 ppbv m
RT: 3.919 min Scan# 40
Delta R.T. 0.023 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 59 Resp: 37739
Ion Ratio Lower Upper
59 100
57 11.3 8.4 12.6

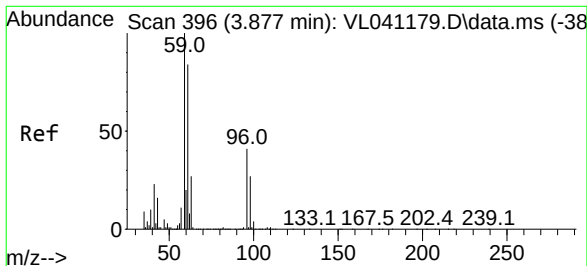
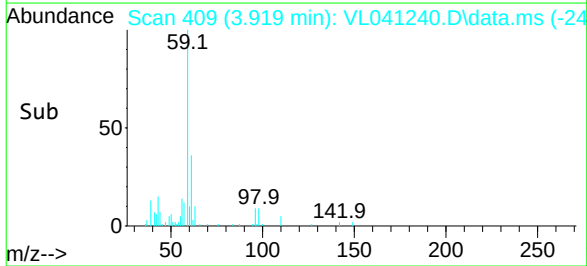
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Reviewed By :Semsettin
Yesilyurt



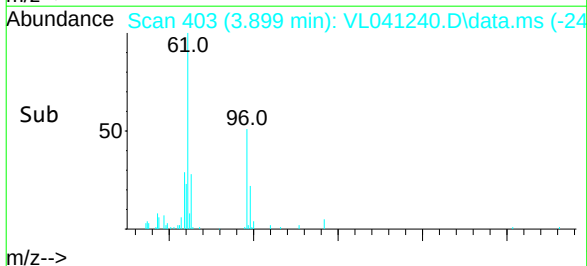
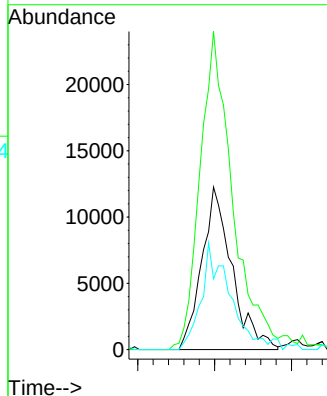
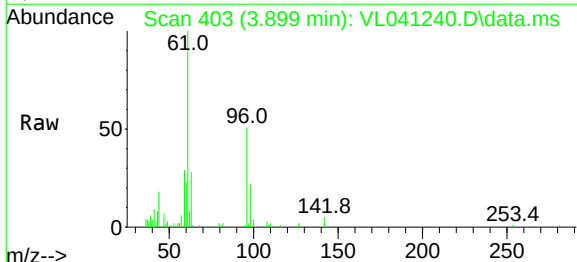
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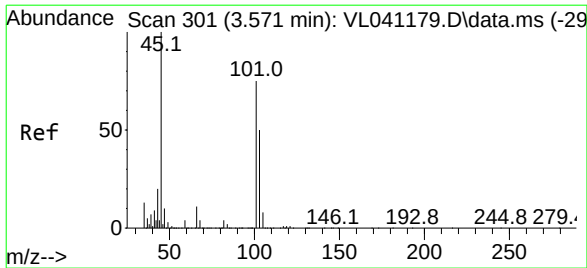
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#18
1,1-Dichloroethene
Concen: 0.445 ppbv m
RT: 3.899 min Scan# 403
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 96 Resp: 16668
Ion Ratio Lower Upper
96 100
61 195.7 164.4 246.6
98 43.5 51.8 77.8#





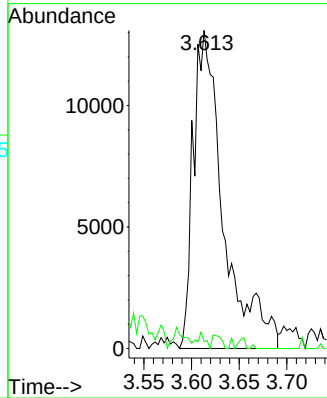
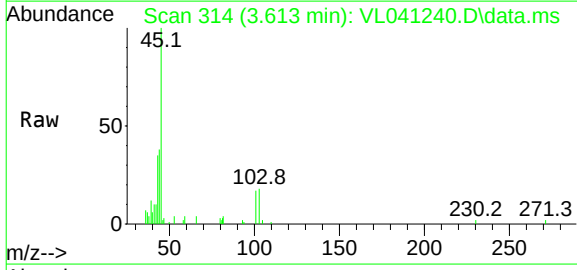
#19
Isopropyl Alcohol
Concen: 0.449 ppbv m
RT: 3.613 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 45 Resp: 28731
Ion Ratio Lower Upper
45 100
58 3.5 26.8 40.2#

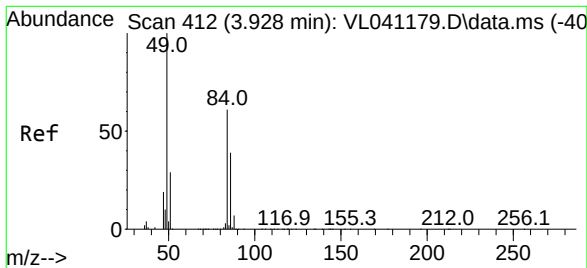
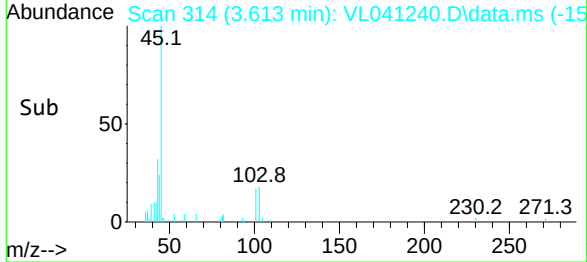
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Yesilyurt



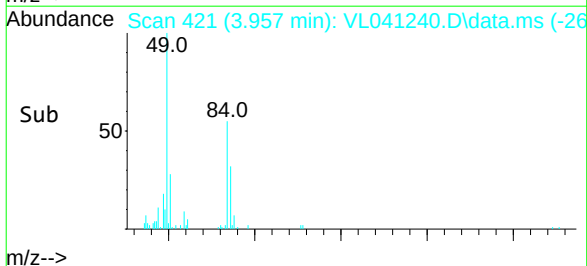
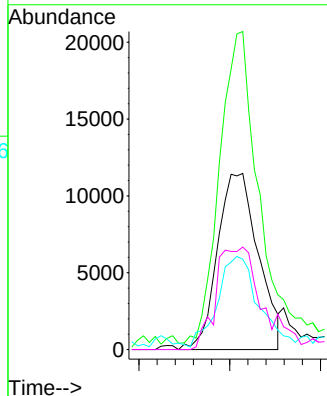
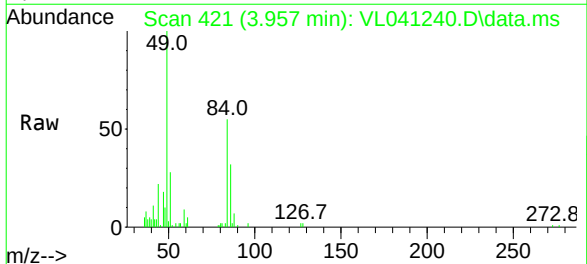
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Supervised By :Mahesh
Dadoda

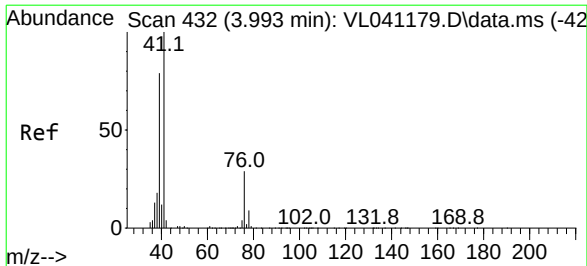
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#20
Methylene Chloride
Concen: 0.528 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

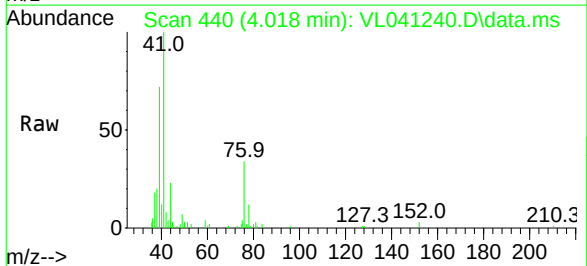
Tgt Ion: 84 Resp: 17887
Ion Ratio Lower Upper
84 100
49 177.0 130.4 195.6
51 47.7 38.0 57.0
86 58.2 50.3 75.5





#21
 Allyl Chloride
 Concen: 0.392 ppbv
 RT: 4.018 min Scan# 44
 Delta R.T. 0.003 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35

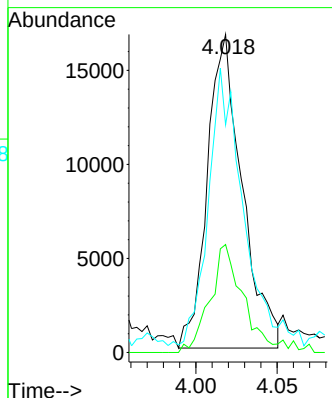
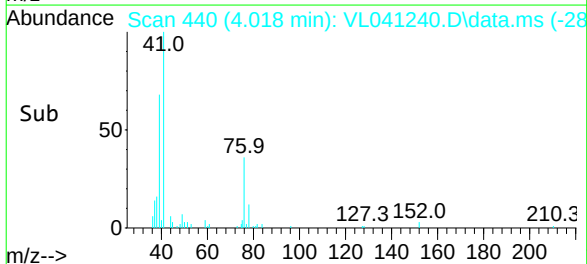
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	41	Resp:	24894
Ion	Ratio	Lower	Upper
41	100		
76	34.2	23.7	35.5
39	92.2	64.7	97.1

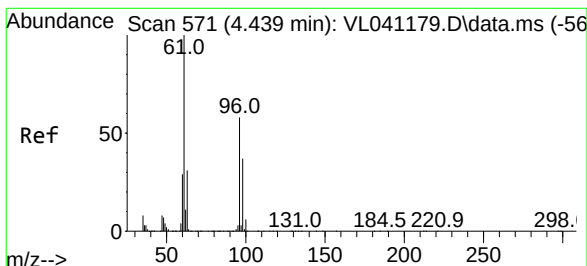
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 Yesilyurt

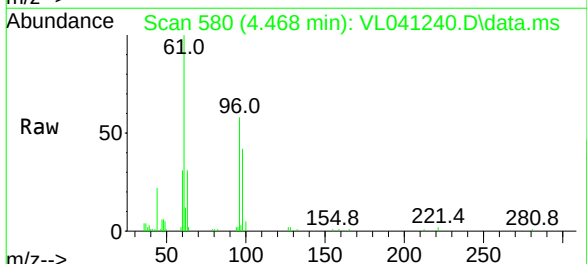


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 Dadoda

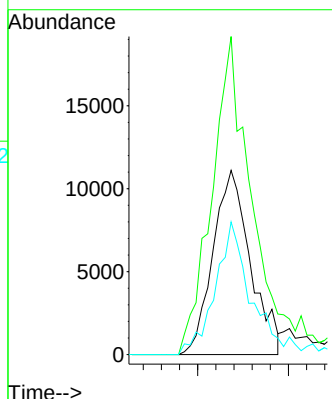
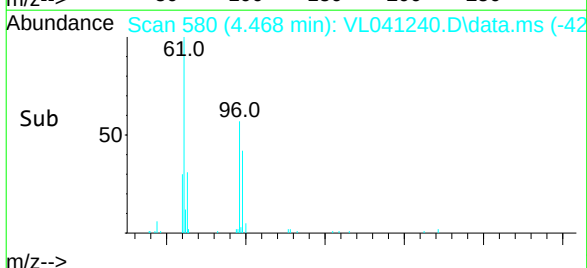
05/09/2024

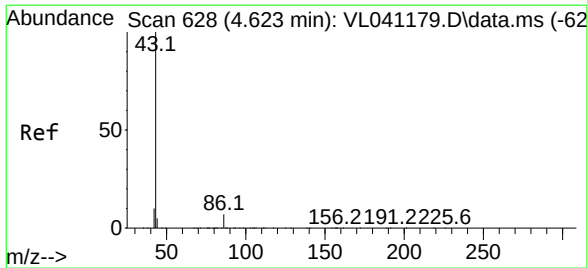


#22
 trans-1,2-Dichloroethene
 Concen: 0.409 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35



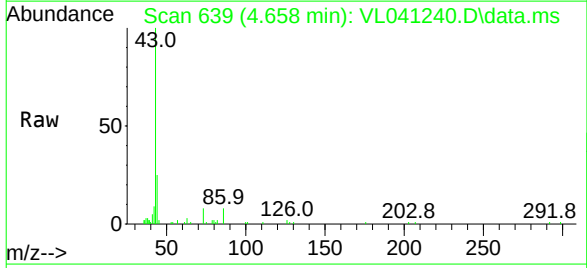
Tgt Ion:	96	Resp:	15925
Ion	Ratio	Lower	Upper
96	100		
61	172.7	137.6	206.4
98	72.0	50.6	76.0





#23
 Vinyl Acetate
 Concen: 0.380 ppbv m
 RT: 4.658 min Scan# 63
 Delta R.T. 0.013 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35

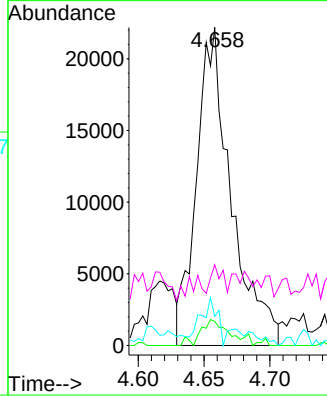
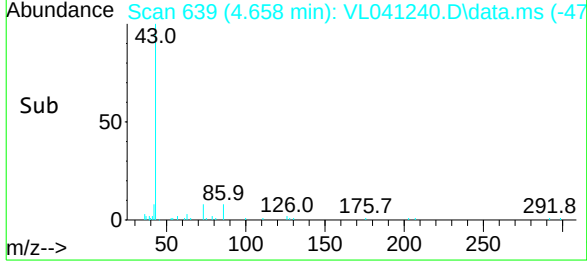
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43 Resp: 40727
 Ion Ratio Lower Upper
 43 100
 86 7.5 4.9 7.3#
 42 9.2 8.0 12.0
 44 25.4 3.7 5.5#

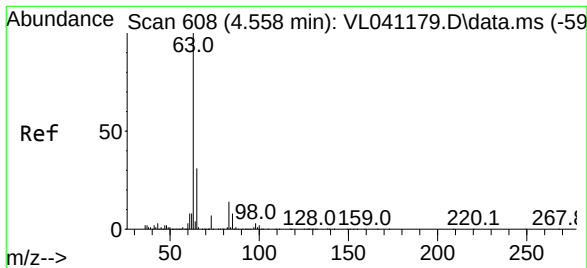
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 Yesilyurt

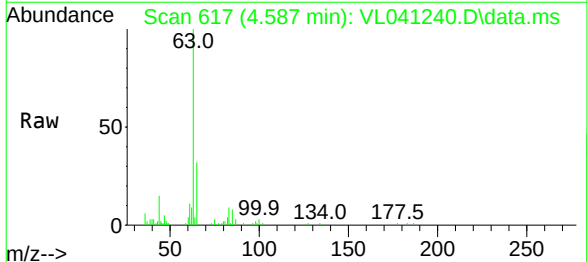


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 Dadoda

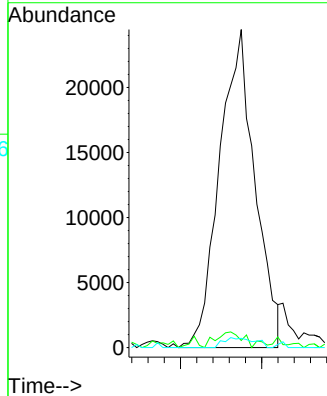
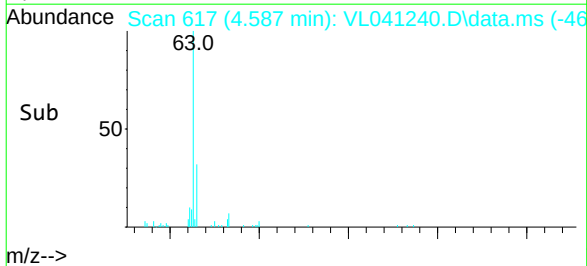
05/09/2024

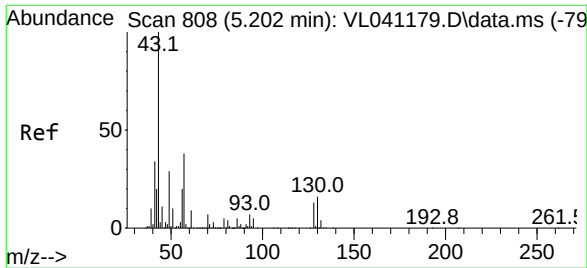


#24
 1,1-Dichloroethane
 Concen: 0.443 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.003 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35



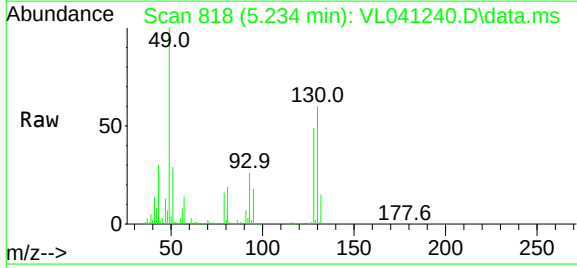
Tgt Ion: 63 Resp: 36987
 Ion Ratio Lower Upper
 63 100
 98 2.2 1.6 4.8
 100 2.9 1.1 3.5





#25
Ethyl Acetate
Concen: 0.416 ppbv m
RT: 5.234 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

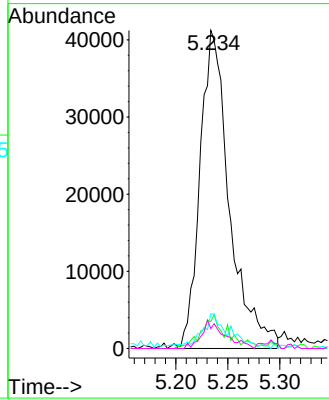
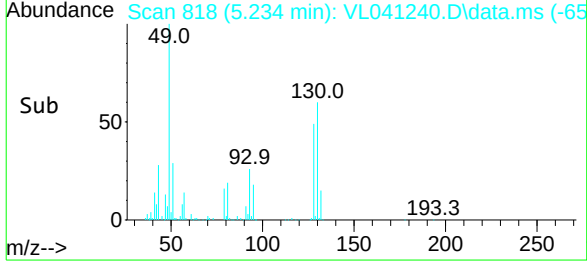
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	43	Resp:	80831
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	10.7	7.7	11.5
70	6.9	5.8	8.6

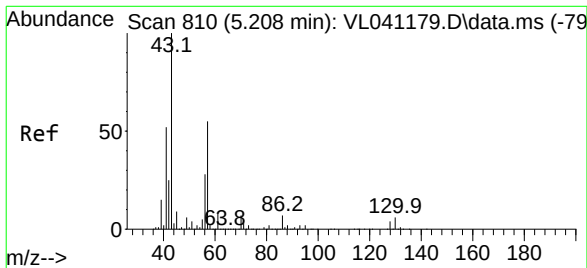
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Yesilyurt

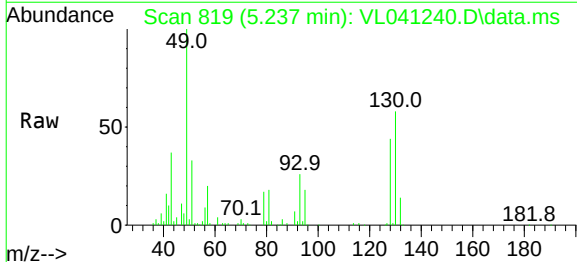


05/09/2024
Supervised By :Mahesh
Dadoda

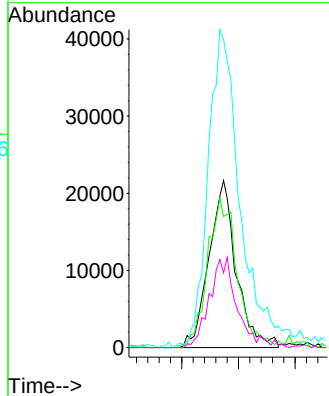
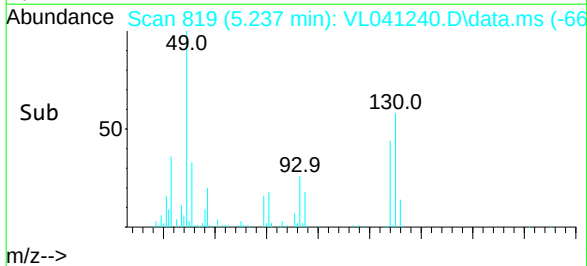
05/09/2024

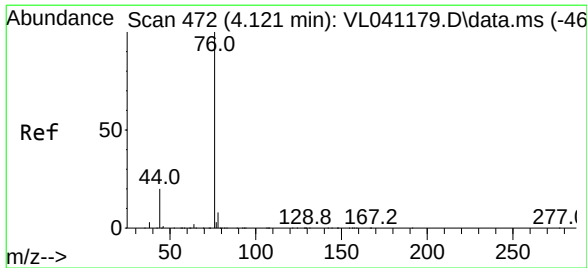


#26
Hexane
Concen: 0.416 ppbv m
RT: 5.237 min Scan# 819
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35



Tgt Ion:	57	Resp:	36095
Ion	Ratio	Lower	Upper
57	100		
41	97.2	75.8	113.8
43	231.8	187.0	280.4
56	55.8	42.7	64.1





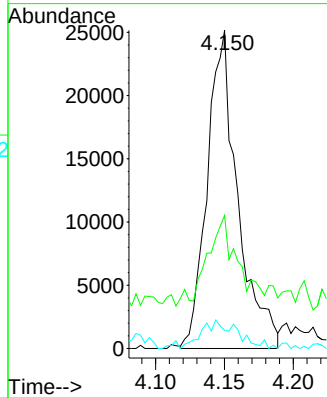
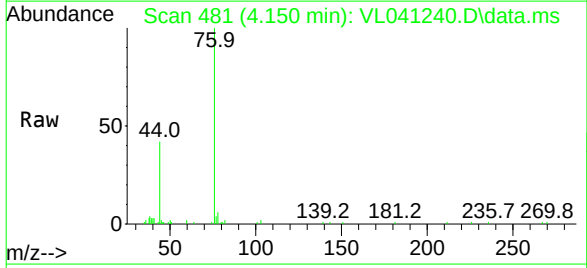
#27
Carbon Disulfide
Concen: 0.376 ppbv m
RT: 4.150 min Scan# 48
Delta R.T. 0.010 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 76 Resp: 38683
Ion Ratio Lower Upper
76 100
44 38.3 16.3 24.5#
78 10.8 7.3 10.9

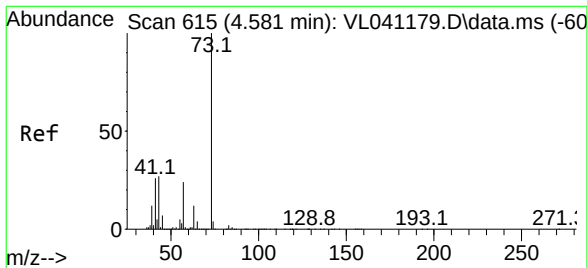
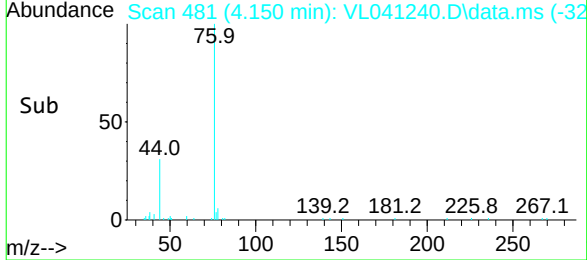
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



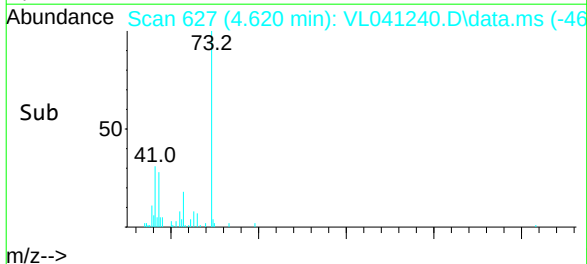
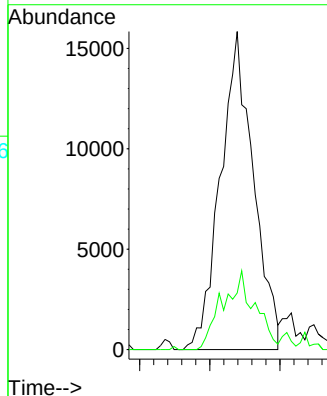
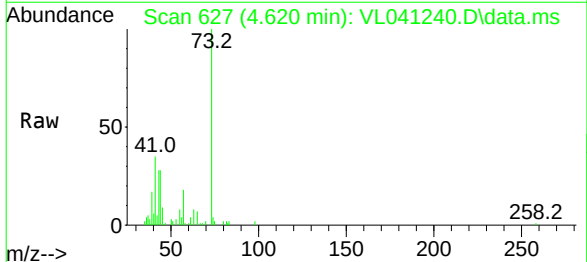
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Supervised By :Mahesh
Dadoda

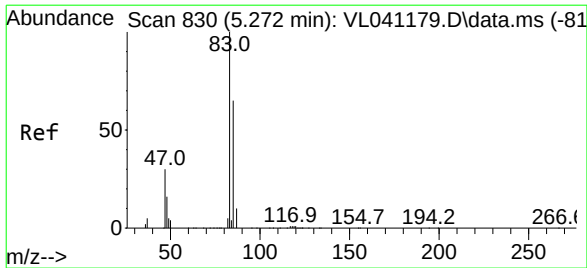
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#28
Methyl tert-Butyl Ether
Concen: 0.374 ppbv
RT: 4.620 min Scan# 627
Delta R.T. 0.016 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 73 Resp: 25874
Ion Ratio Lower Upper
73 100
57 27.2 18.8 28.2





#29

Chloroform

Concen: 0.478 ppbv

RT: 5.295 min Scan# 83

Delta R.T. 0.000 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

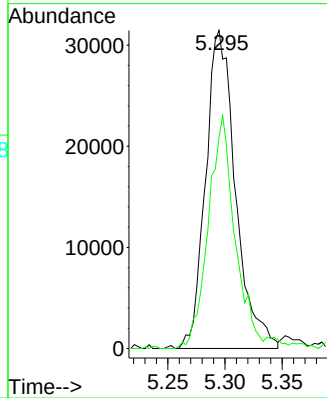
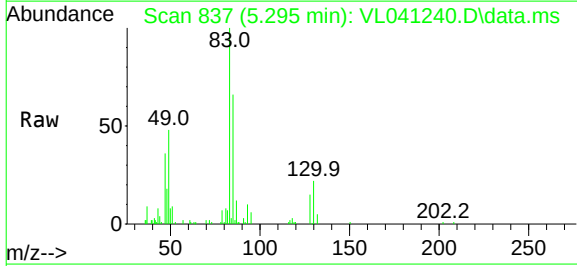
ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 83 Resp: 57197
 Ion Ratio Lower Upper
 83 100
 85 65.8 51.7 77.5

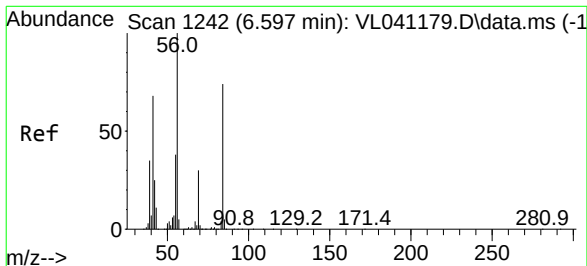
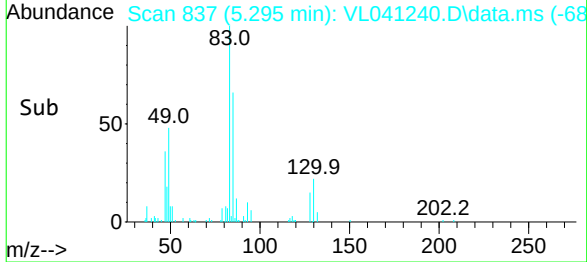
Manual Integrations
 APPROVED

Reviewed By :Semsettin
 Yesilyurt



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 Dadoda

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#30

Cyclohexane

Concen: 0.451 ppbv m

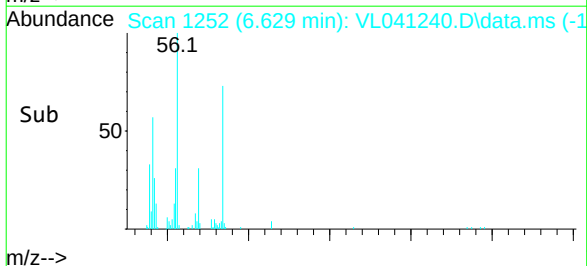
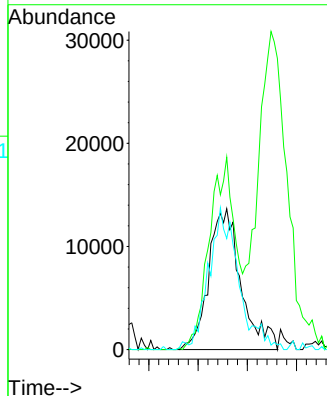
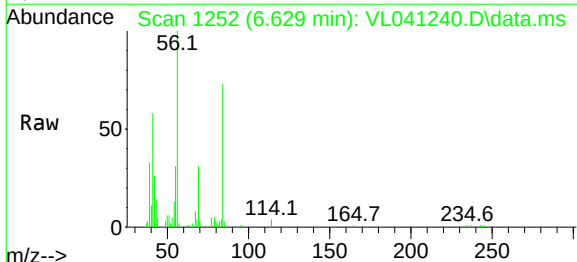
RT: 6.629 min Scan# 1252

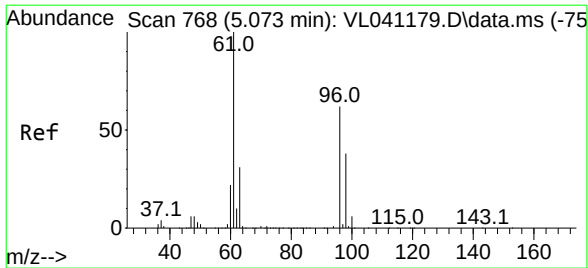
Delta R.T. 0.006 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

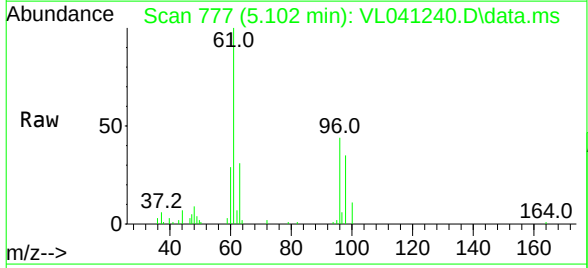
Tgt Ion: 84 Resp: 30986
 Ion Ratio Lower Upper
 84 100
 56 115.2 116.8 175.2#
 41 0.0 73.8 110.8#





#31
 cis-1,2-Dichloroethene
 Concen: 0.442 ppbv m
 RT: 5.102 min Scan# 77
 Delta R.T. 0.006 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35

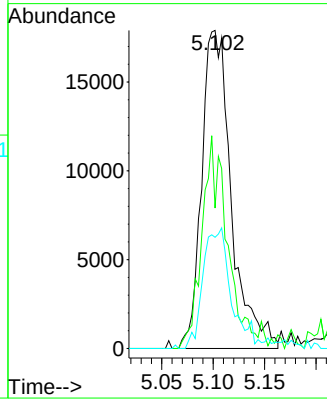
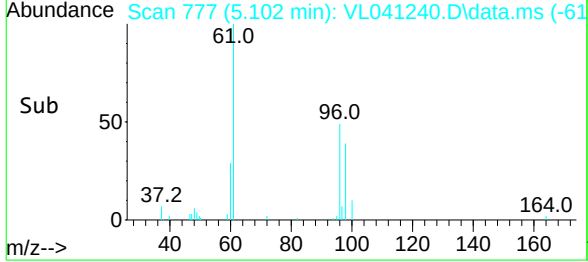
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
61	100		
96	44.1	49.8	74.6
98	35.0	30.0	45.0

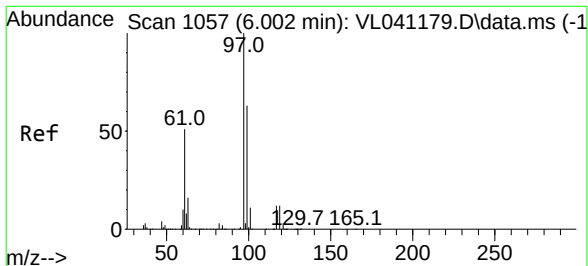
Manual Integrations
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Reviewed By :Semsettin
 Yesilyurt



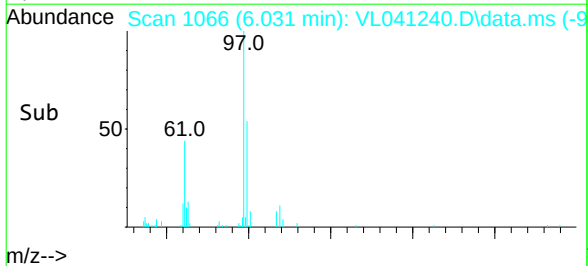
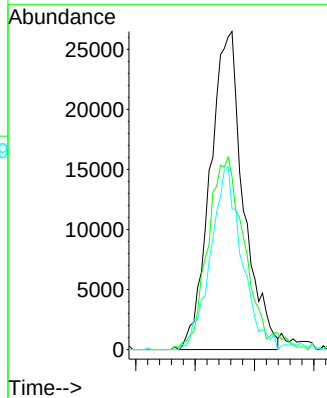
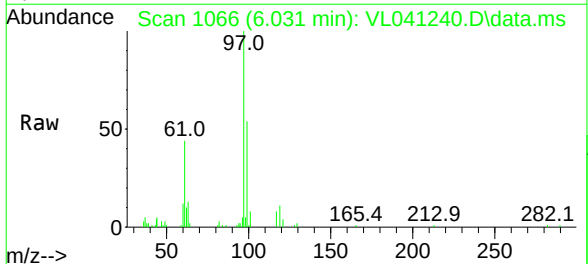
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 Dadoda

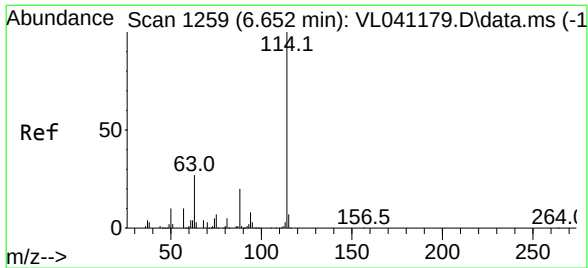
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#32
 1,1,1-Trichloroethane
 Concen: 0.433 ppbv
 RT: 6.031 min Scan# 1066
 Delta R.T. 0.010 min
 Lab File: VL041240.D
 Acq: 8 May 2024 12:35

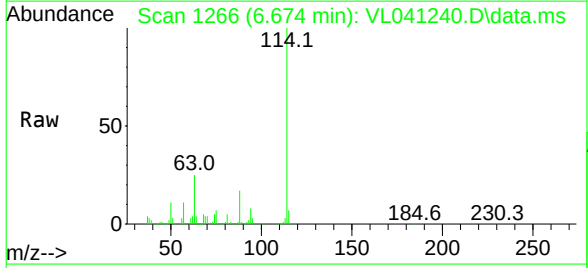
Tgt Ion	Ratio	Lower	Upper
97	100		
99	67.9	51.7	77.5
61	55.4	41.1	61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 12
Delta R.T. 0.000 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

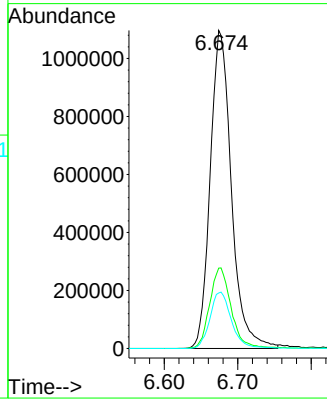
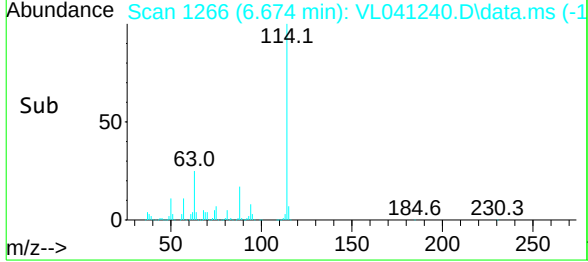
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:114 Resp: 2196314
Ion Ratio Lower Upper
114 100
63 26.0 21.8 32.6
88 18.1 15.2 22.8

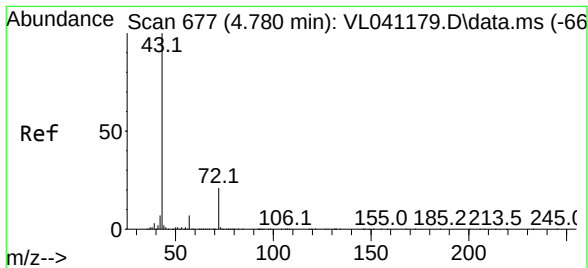
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt

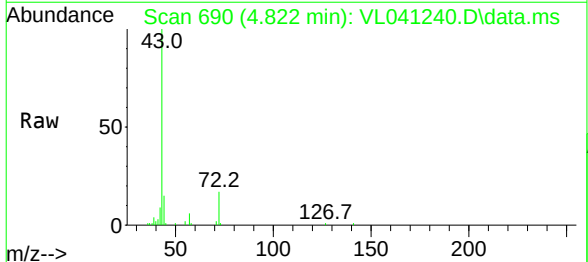


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Supervised By :Mahesh
Dadoda

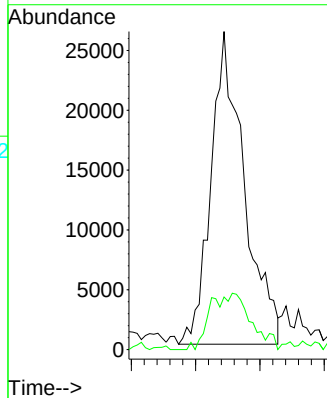
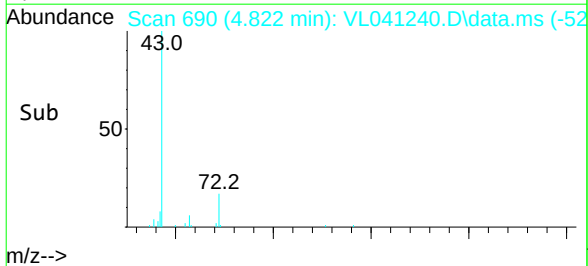
05/09/2024

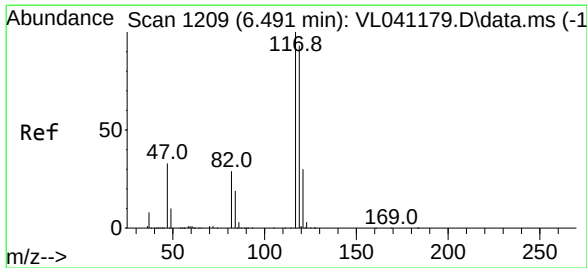


#34
2-Butanone
Concen: 0.420 ppbv
RT: 4.822 min Scan# 690
Delta R.T. 0.019 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35



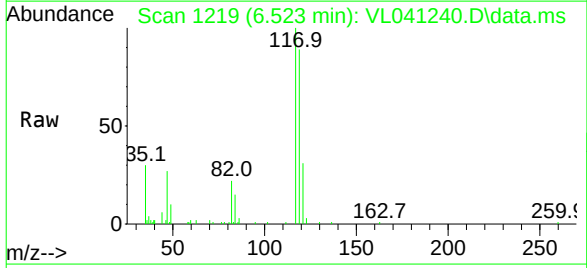
Tgt Ion: 43 Resp: 46917
Ion Ratio Lower Upper
43 100
72 24.1 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.419 ppbv m
RT: 6.523 min Scan# 1219
Delta R.T. 0.010 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

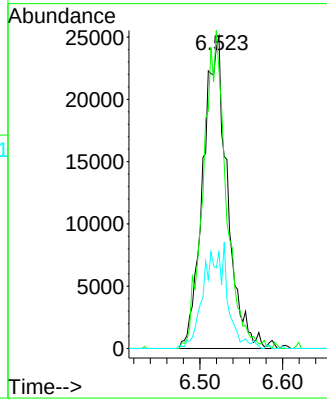
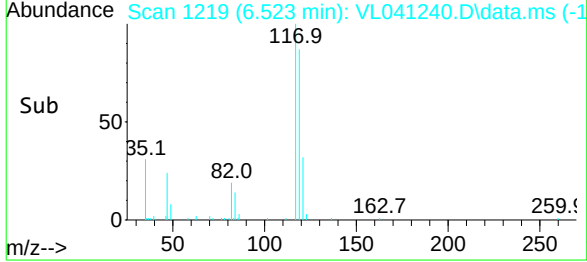
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 117 Resp: 51614
Ion Ratio Lower Upper
117 100
119 89.3 74.3 111.5
121 30.8 23.8 35.8

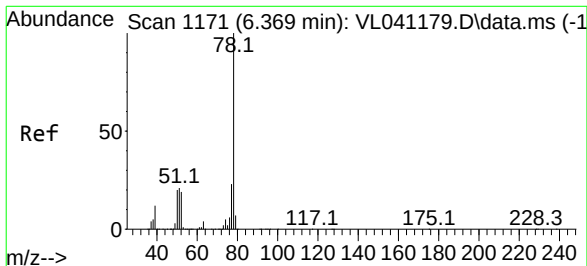
Manual Integrations
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Reviewed By : Semsettin
Yesilyurt

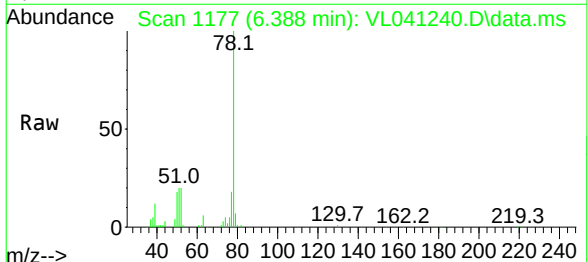


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Dadoda

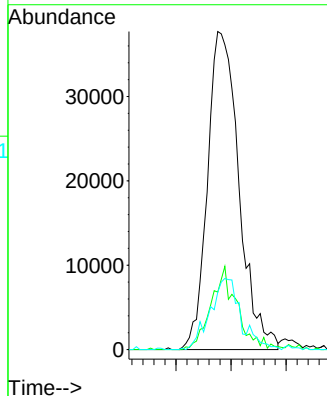
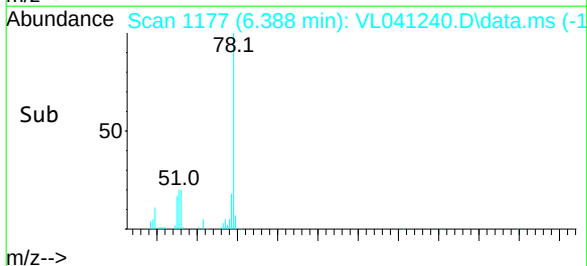
05/09/2024

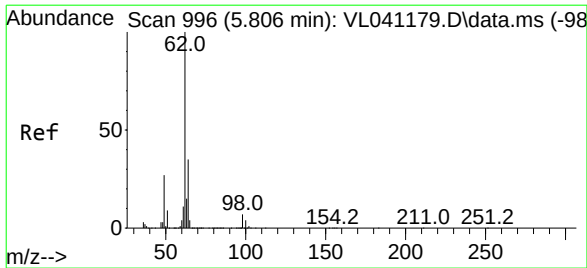


#36
Benzene
Concen: 0.406 ppbv m
RT: 6.388 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35



Tgt Ion: 78 Resp: 74799
Ion Ratio Lower Upper
78 100
77 18.1 18.3 27.5#
50 18.0 15.9 23.9





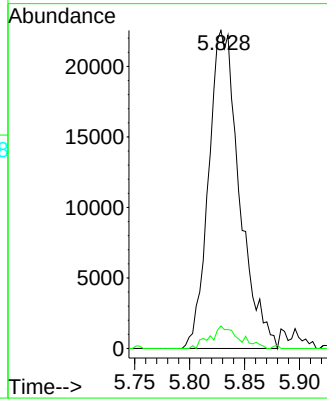
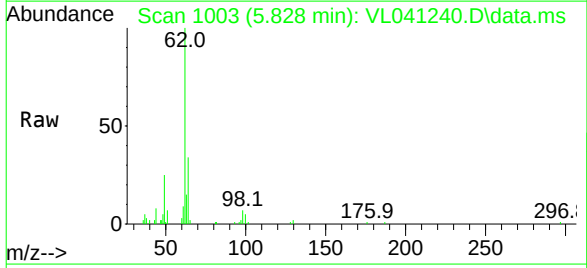
#37
1,2-Dichloroethane
Concen: 0.458 ppbv m
RT: 5.828 min Scan# 10
Delta R.T. 0.000 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 62 Resp: 44026
Ion Ratio Lower Upper
62 100
98 6.7 5.0 7.4

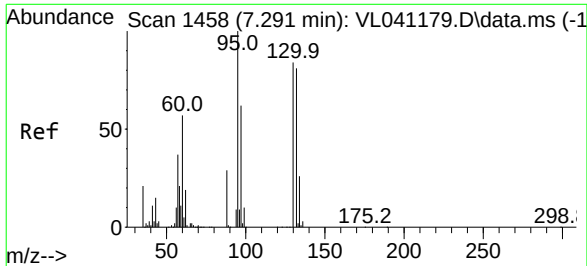
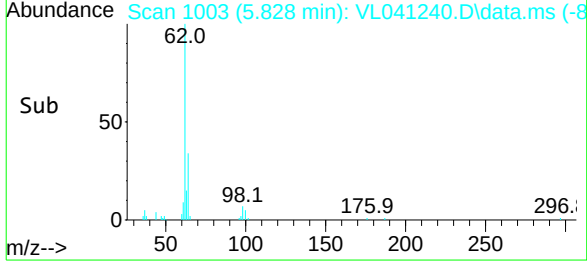
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



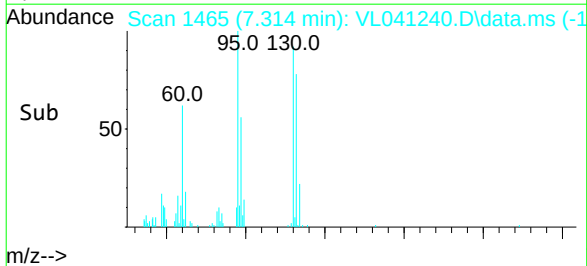
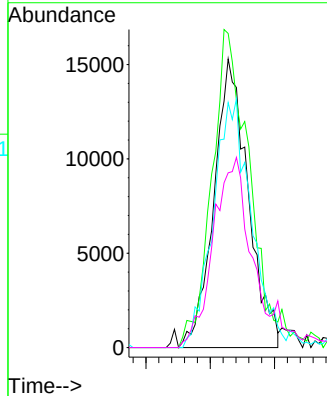
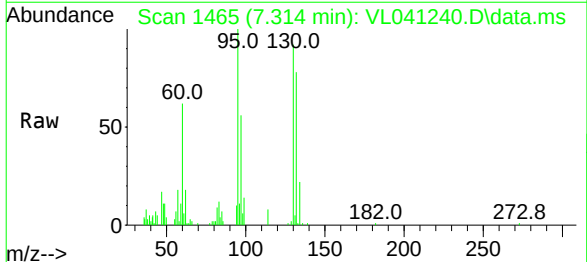
05/09/2024
Supervised By :Mahesh
Dadoda

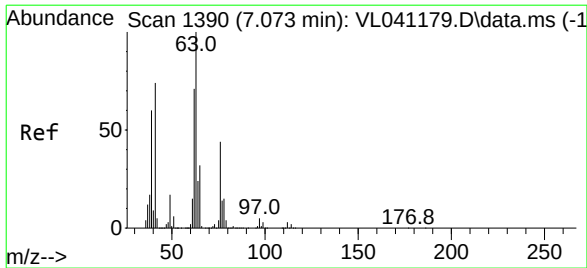
05/09/2024



#38
Trichloroethene
Concen: 0.411 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

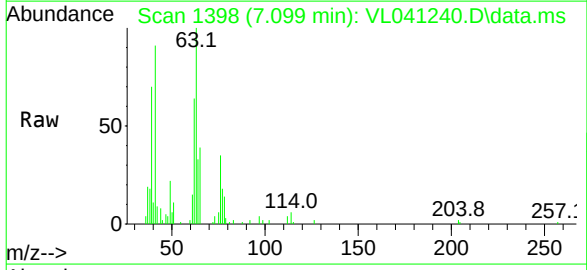
Tgt Ion:130 Resp: 28222
Ion Ratio Lower Upper
130 100
95 108.8 95.0 142.6
132 84.9 77.0 115.4
97 60.6 59.1 88.7





#39
1,2-Dichloropropane
Concen: 0.412 ppbv
RT: 7.099 min Scan# 1390
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

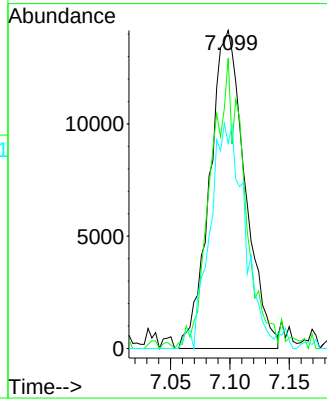
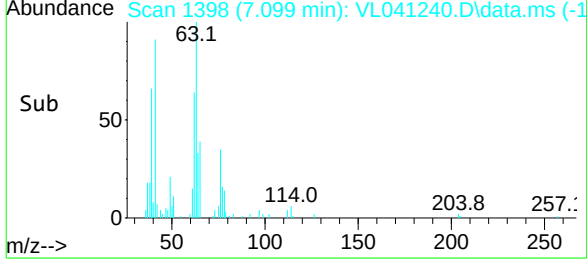
Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	63	Resp:	29267
Ion	Ratio	Lower	Upper
63	100		
41	89.6	59.4	89.0#
62	64.5	56.8	85.2

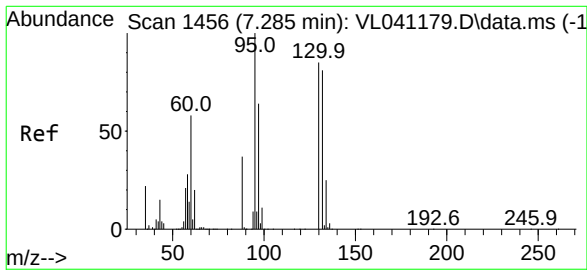
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

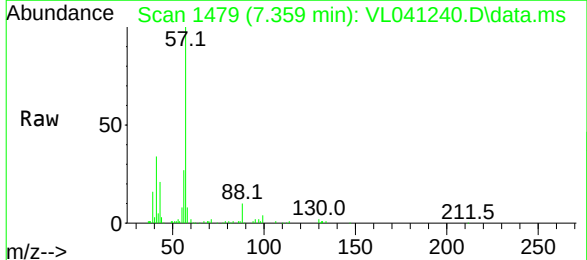


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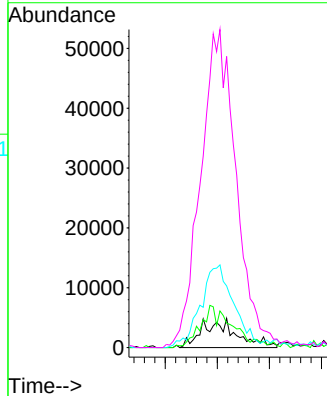
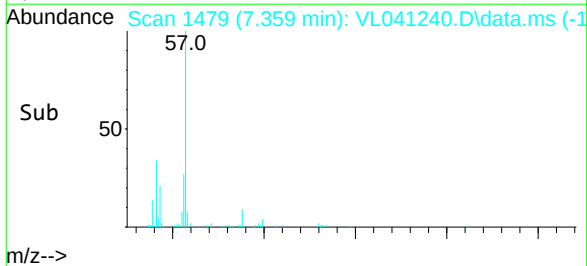
05/09/2024

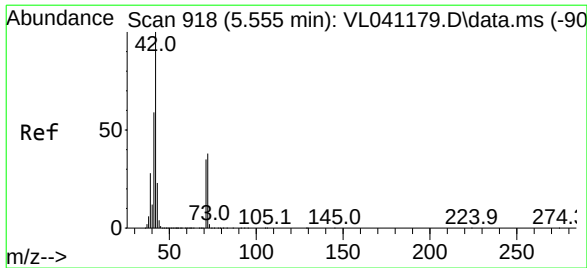


#40
1,4-Dioxane
Concen: 0.430 ppbv m
RT: 7.359 min Scan# 1479
Delta R.T. 0.058 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35



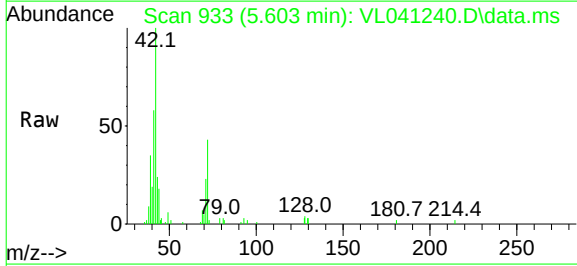
Tgt Ion:	88	Resp:	10916
Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.1	159.1#
43	0.0	219.8	329.6#
57	0.0	936.0	1404.0#





#41
Tetrahydrofuran
Concen: 0.379 ppbv m
RT: 5.603 min Scan# 93
Delta R.T. 0.026 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

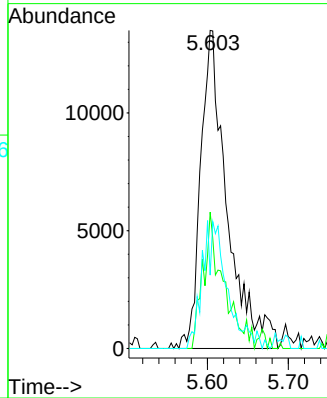
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
42	100		
72	34.7	29.4	44.0
71	38.0	29.1	43.7

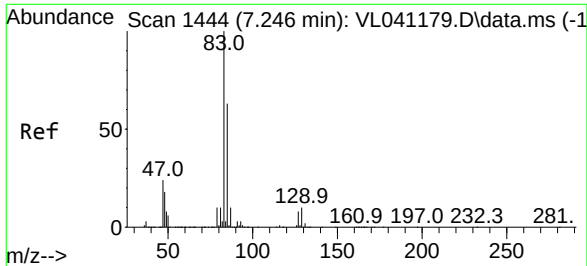
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Yesilyurt

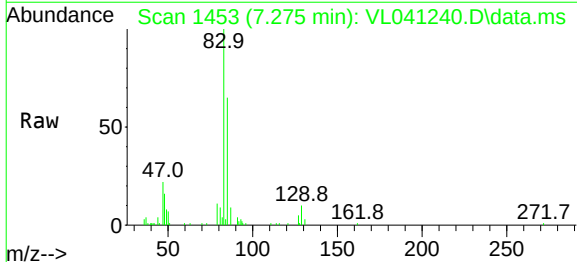


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Supervised By :Mahesh
Dadoda

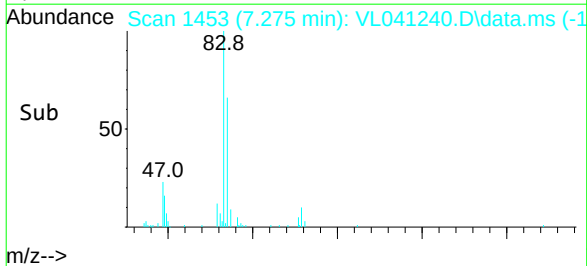
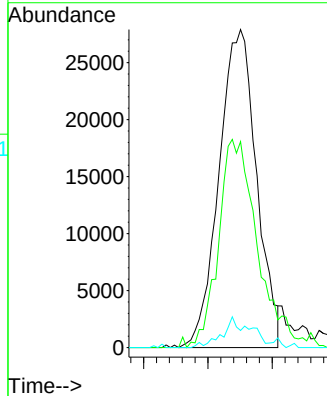
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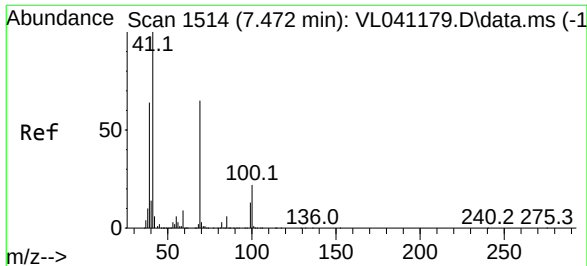


#42
Bromodichloromethane
Concen: 0.410 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35



Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	75.8
127	6.2	6.2	9.4





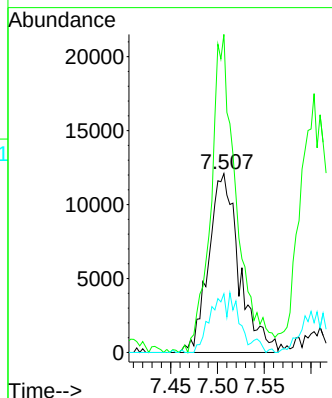
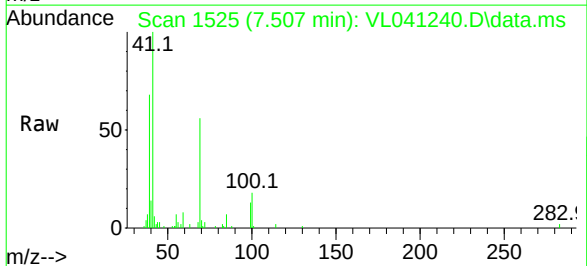
#43
Methyl Methacrylate
Concen: 0.369 ppbv
RT: 7.507 min Scan# 1514
Delta R.T. 0.013 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 69 Resp: 27486
Ion Ratio Lower Upper
69 100
41 151.6 125.2 187.8
100 0.0 26.7 40.1#

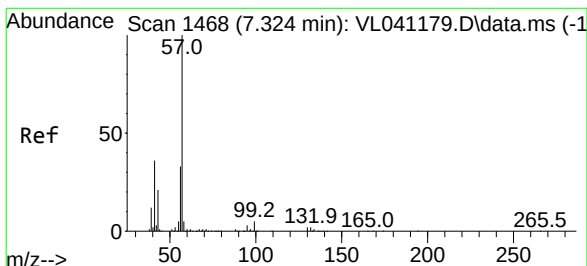
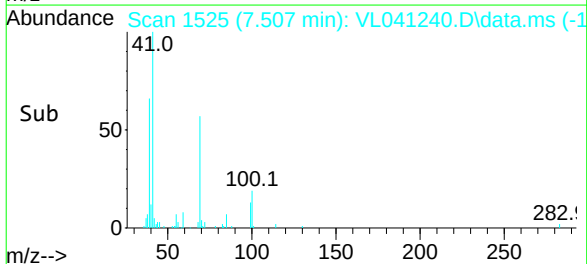
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



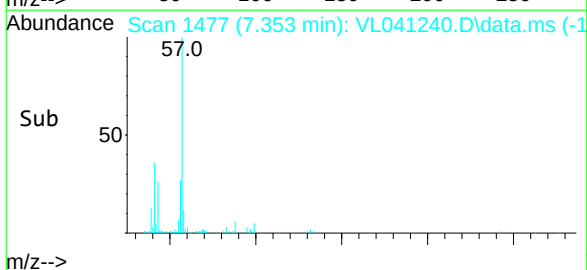
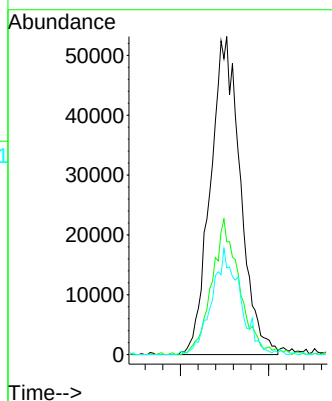
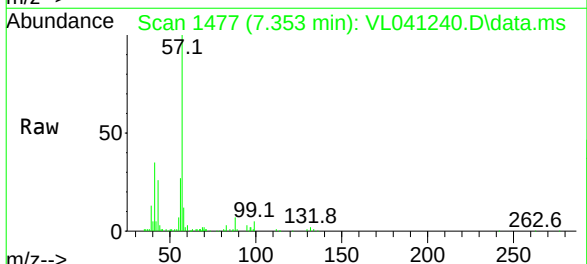
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Supervised By :Mahesh
Dadoda

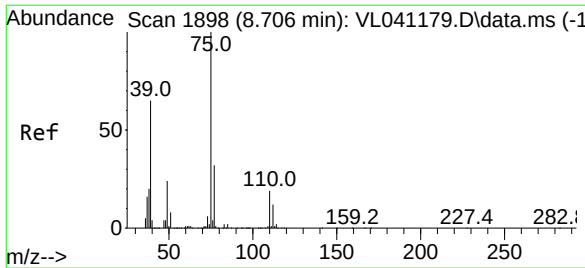
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#44
2,2,4-Trimethylpentane
Concen: 0.396 ppbv
RT: 7.353 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 57 Resp: 125746
Ion Ratio Lower Upper
57 100
41 39.7 29.5 44.3
56 31.7 25.3 37.9





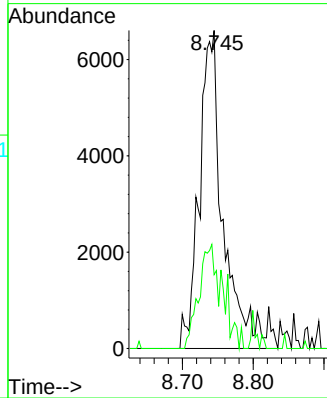
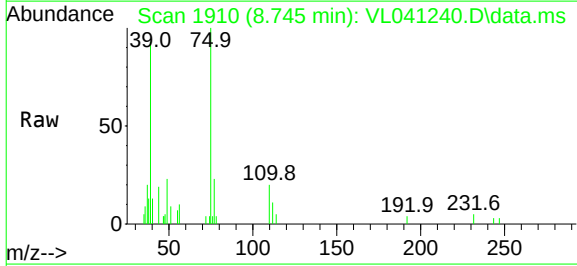
#45
t-1,3-Dichloropropene
Concen: 0.288 ppbv m
RT: 8.745 min Scan# 1910
Delta R.T. 0.013 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument : MSVOA_L
ClientSampleId : LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 75 Resp: 15554
Ion Ratio Lower Upper
75 100
77 23.2 25.6 38.4#

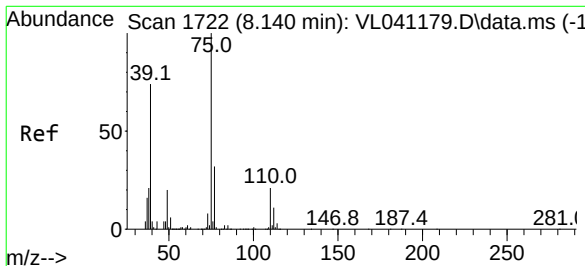
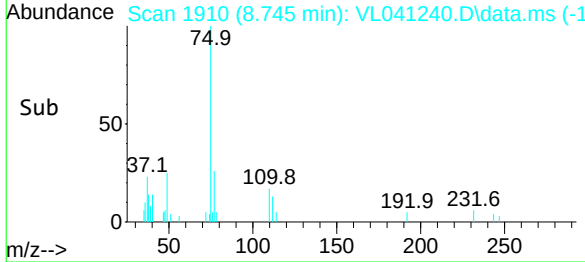
Manual Integrations
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Reviewed By :Semsettin
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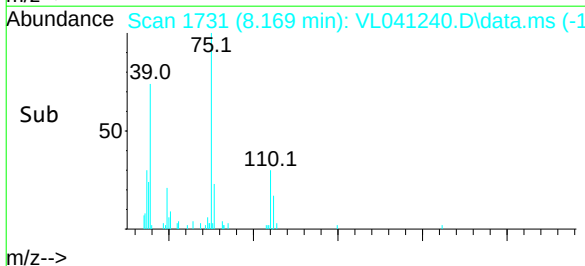
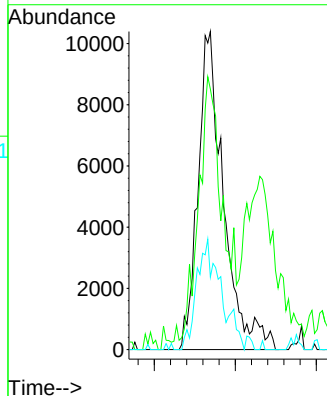
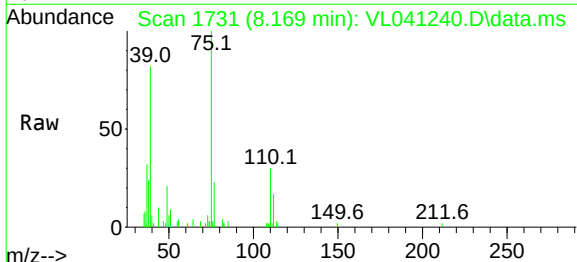
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Dadoda

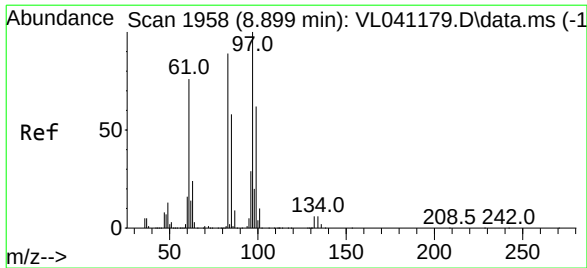
05/09/2024



#46
cis-1,3-Dichloropropene
Concen: 0.344 ppbv m
RT: 8.169 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 75 Resp: 22727
Ion Ratio Lower Upper
75 100
39 81.9 59.4 89.2
77 22.8 25.9 38.9#





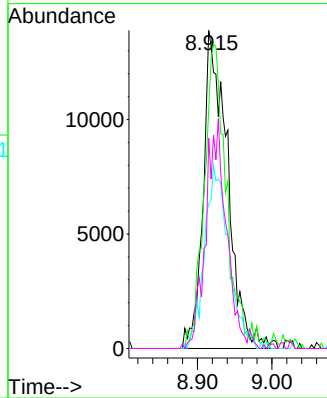
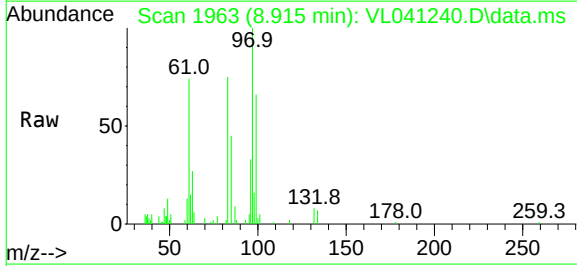
#47
1,1,2-Trichloroethane
Concen: 0.441 ppbv m
RT: 8.915 min Scan# 1958
Delta R.T. -0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 97	Resp: 31359
Ion Ratio	Lower Upper
97 100	
83 75.3	71.2 106.8
85 45.4	46.0 69.0
99 66.1	49.7 74.5

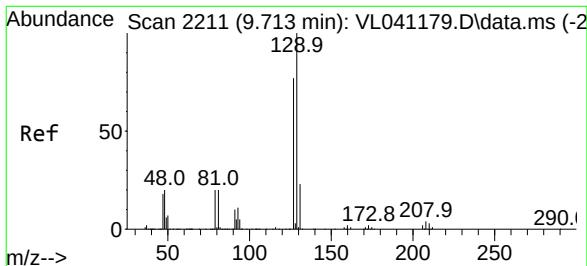
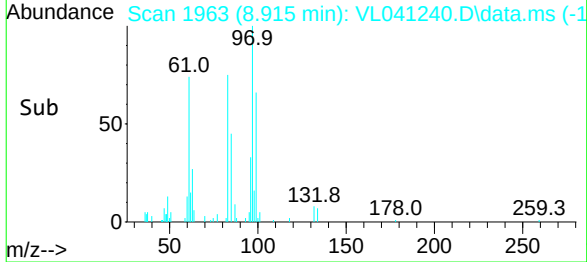
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



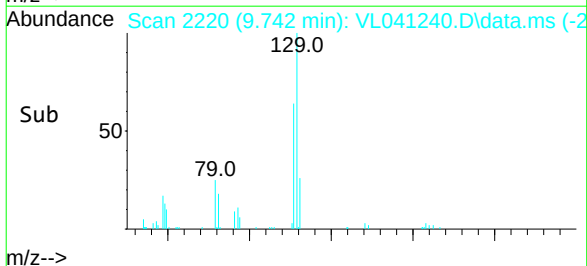
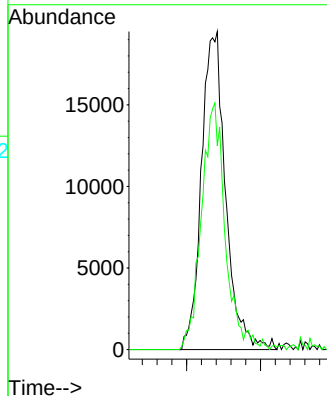
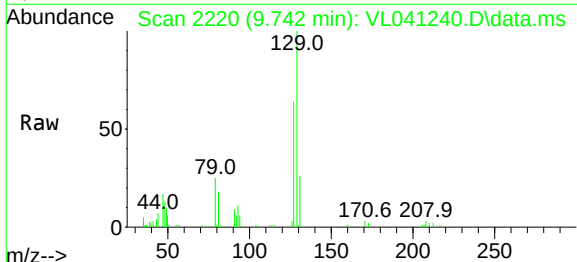
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Supervised By :Mahesh
Dadoda

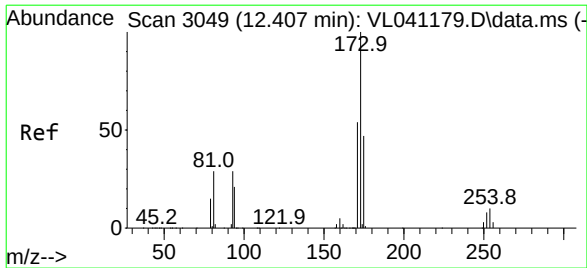
05/09/2024



#48
Dibromochloromethane
Concen: 0.391 ppbv m
RT: 9.742 min Scan# 2220
Delta R.T. 0.010 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

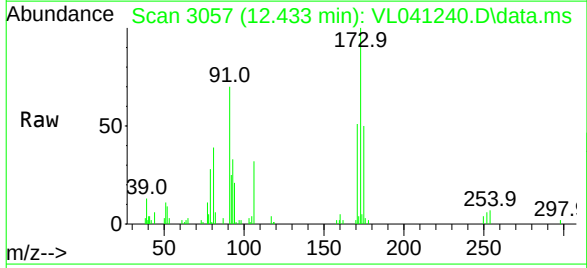
Tgt Ion:129	Resp: 44305
Ion Ratio	Lower Upper
129 100	
127 0.0	39.1 117.5





#49
Bromoform
Concen: 0.330 ppbv m
RT: 12.433 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

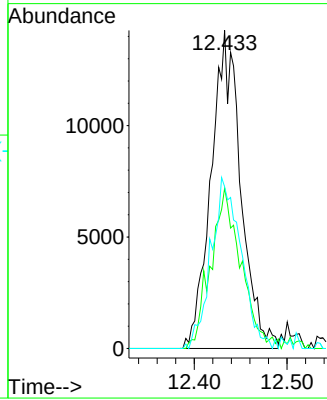
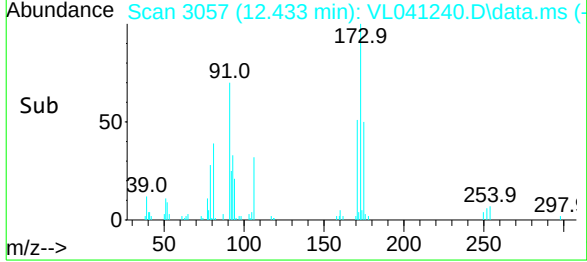
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 173 Resp: 31810
Ion Ratio Lower Upper
173 100
175 50.9 39.8 59.8
171 55.6 41.8 62.8

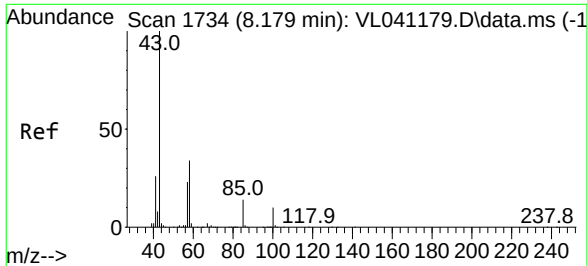
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Reviewed By : Semsettin
Yesilyurt



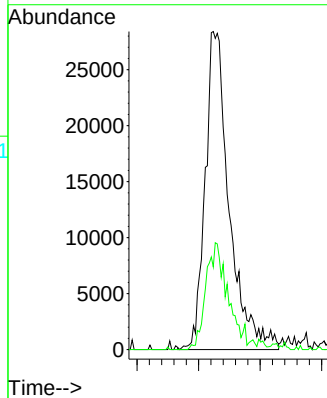
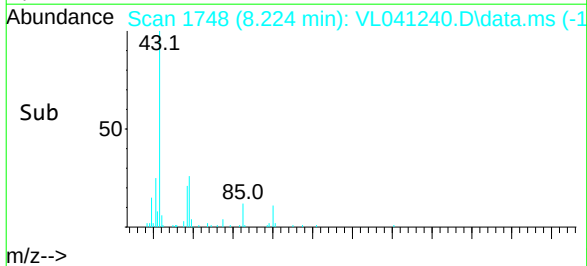
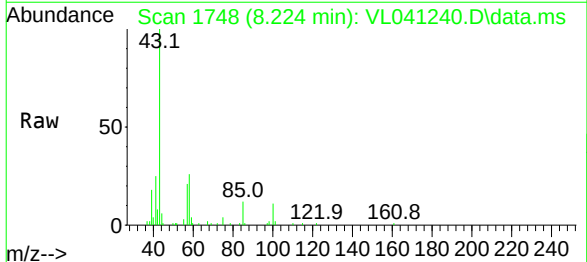
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Supervised By : Mahesh
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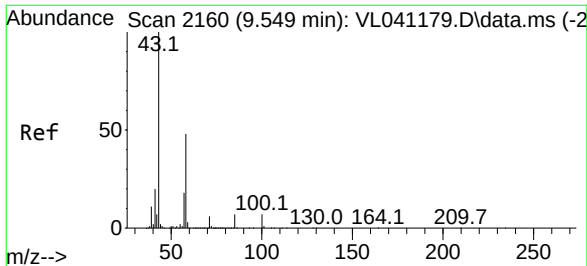
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#50
4-Methyl-2-Pentanone
Concen: 0.385 ppbv m
RT: 8.224 min Scan# 1748
Delta R.T. 0.023 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

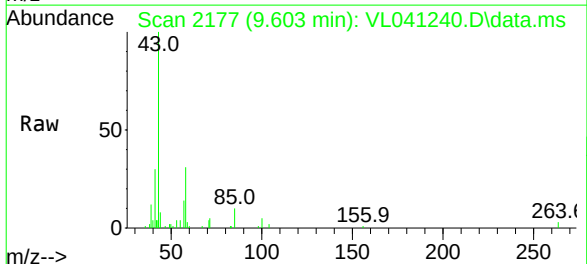
Tgt Ion: 43 Resp: 77172
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#51
2-Hexanone
Concen: 0.345 ppbv m
RT: 9.603 min Scan# 2160
Delta R.T. 0.035 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

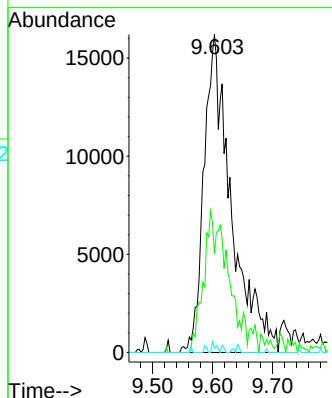
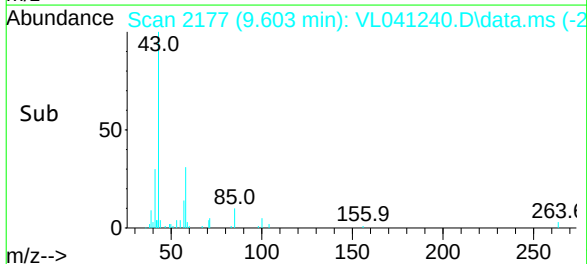
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 43 Resp: 51327
Ion Ratio Lower Upper
43 100
58 43.4 38.4 57.6
98 1.3 0.0 0.0#

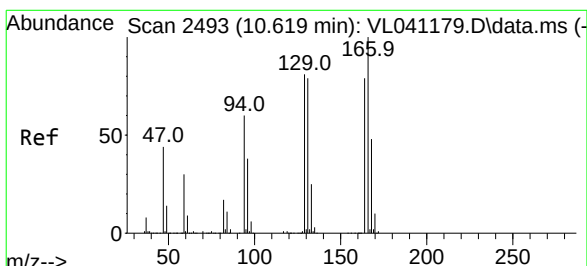
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Reviewed By :Semsettin
Yesilyurt



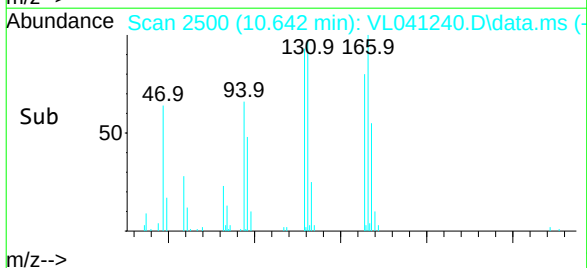
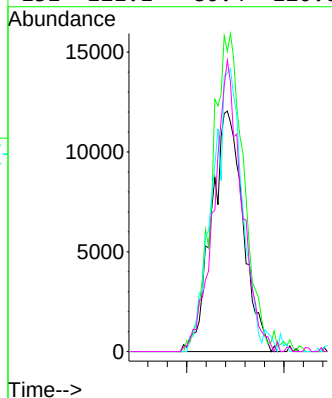
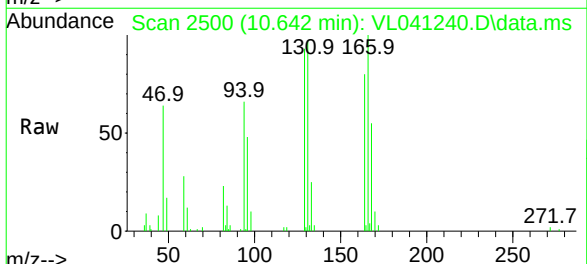
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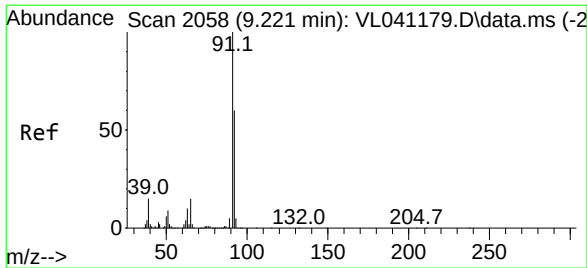
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#52
Tetrachloroethene
Concen: 0.420 ppbv m
RT: 10.642 min Scan# 2500
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion:164 Resp: 27200
Ion Ratio Lower Upper
164 100
166 124.8 101.1 151.7
129 115.6 81.7 122.5
131 121.1 80.4 120.6#





#53

Toluene

Concen: 0.391 ppbv m

RT: 9.243 min Scan# 2058

Delta R.T. 0.003 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 91 Resp: 83498

Ion Ratio Lower Upper

91 100

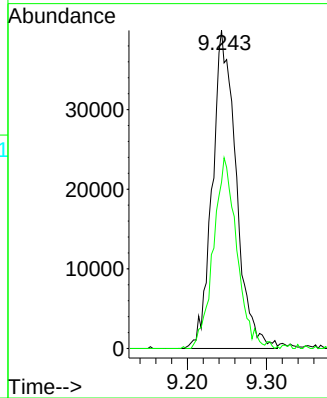
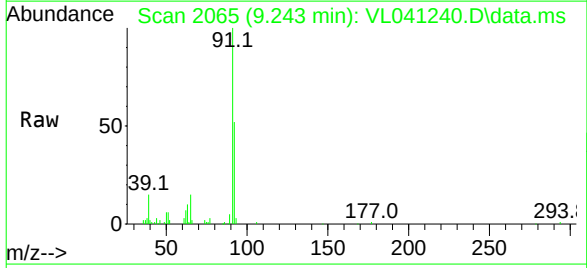
92 59.9 48.2 72.4

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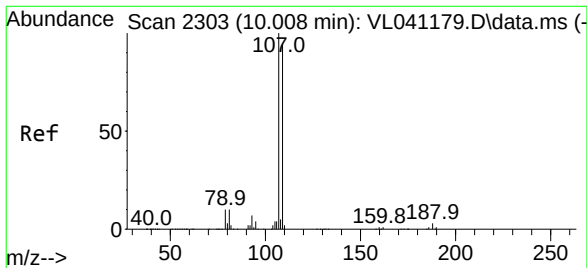
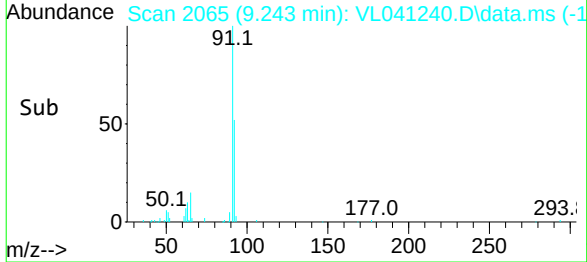


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#54

1,2-Dibromoethane

Concen: 0.440 ppbv m

RT: 10.037 min Scan# 2312

Delta R.T. 0.006 min

Lab File: VL041240.D

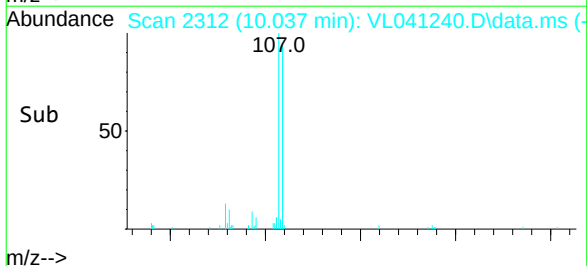
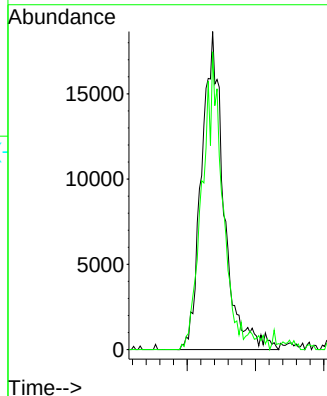
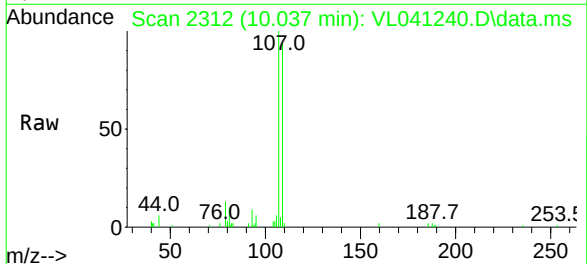
Acq: 8 May 2024 12:35

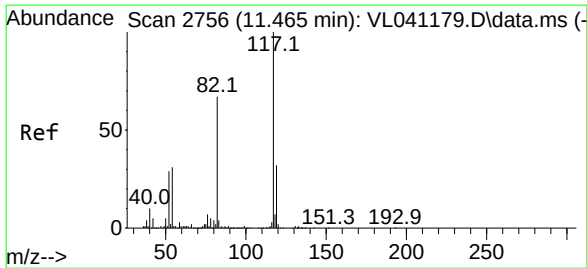
Tgt Ion:107 Resp: 42391

Ion Ratio Lower Upper

107 100

109 93.7 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.491 min Scan# 27

Delta R.T. 0.003 min

Lab File: VL041240.D

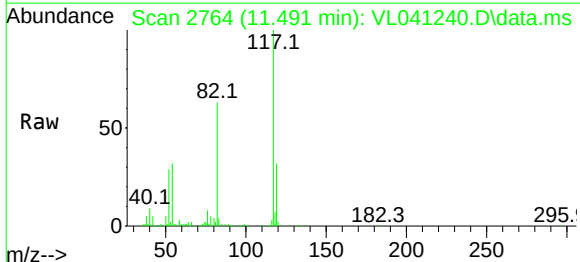
Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024



Tgt Ion:117 Resp: 2020525

Ion Ratio Lower Upper

117 100

82 64.9 53.6 80.4

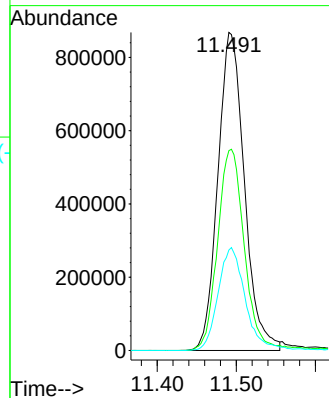
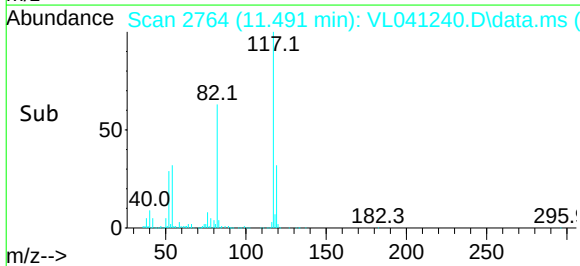
119 33.6 27.2 40.8

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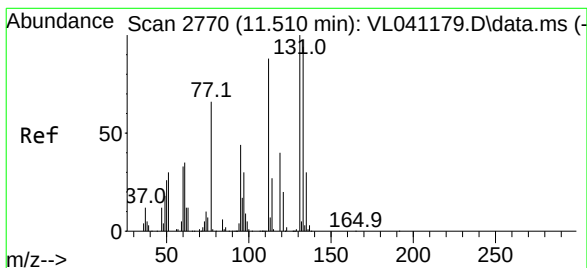


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#56

1,1,1,2-Tetrachloroethane

Concen: 0.438 ppbv m

RT: 11.539 min Scan# 2779

Delta R.T. 0.010 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

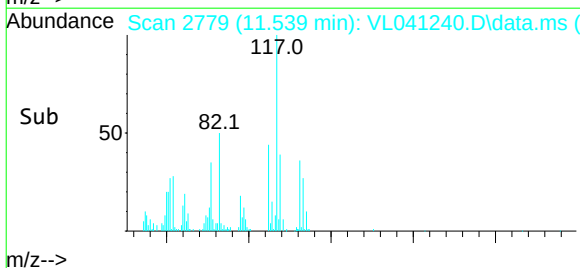
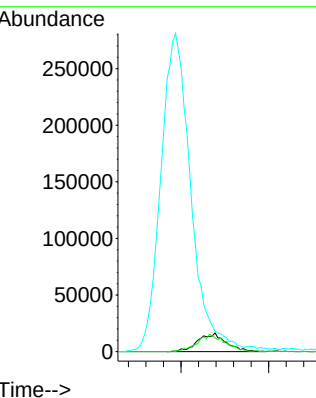
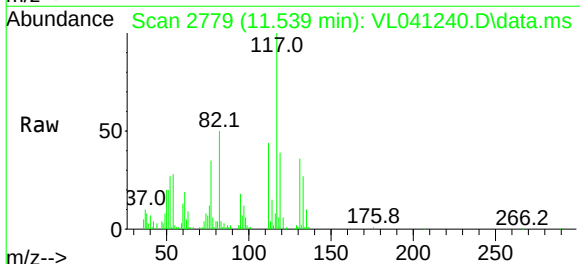
Tgt Ion:131 Resp: 35915

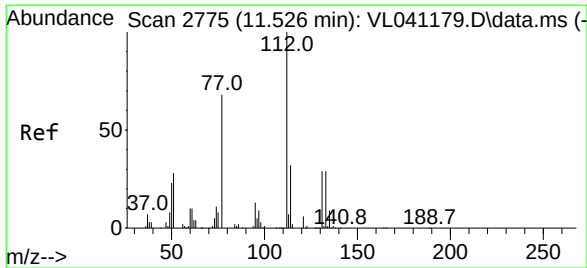
Ion Ratio Lower Upper

131 100

133 92.7 76.3 114.5

119 0.0 49.4 74.2#





#57

Chlorobenzene

Concen: 0.471 ppbv m

RT: 11.555 min Scan# 27

Delta R.T. 0.006 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

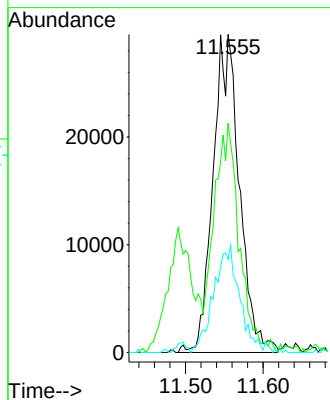
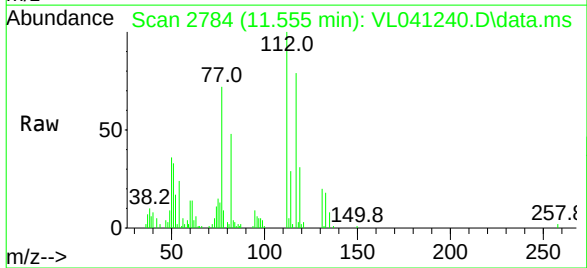
ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:	112	Resp:	69668
Ion Ratio	Lower	Upper	
112	100		
77	72.0	54.9	82.3
114	29.3	28.7	35.1

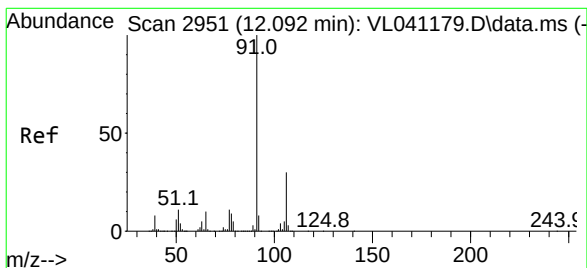
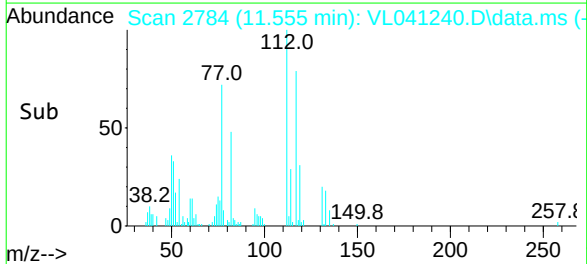
Manual Integrations
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Reviewed By :Semsettin
Yesilyurt



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Supervised By :Mahesh
Dadoda

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#58

Ethyl Benzene

Concen: 0.408 ppbv

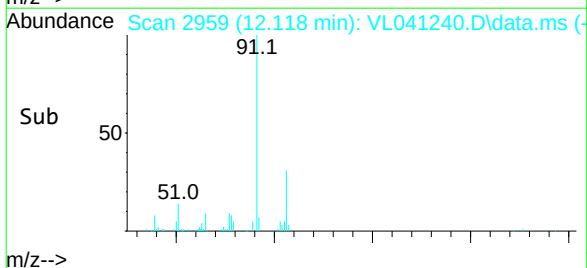
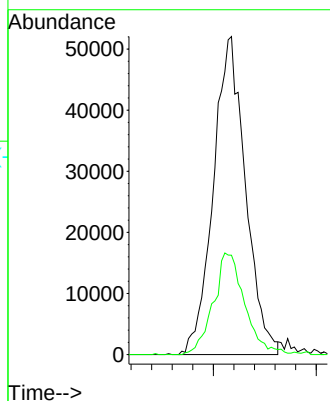
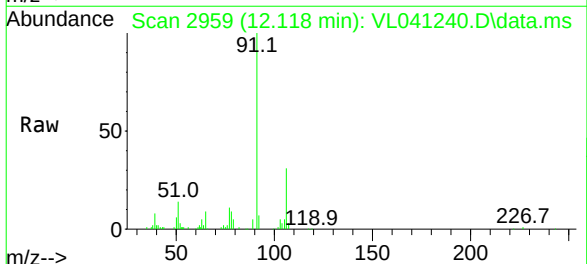
RT: 12.118 min Scan# 2959

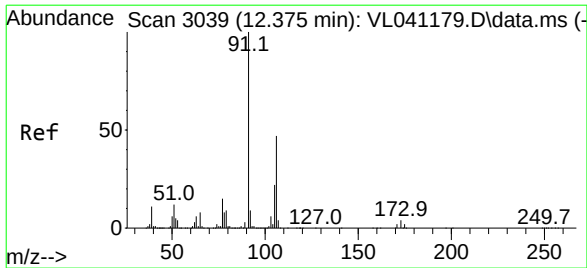
Delta R.T. 0.006 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

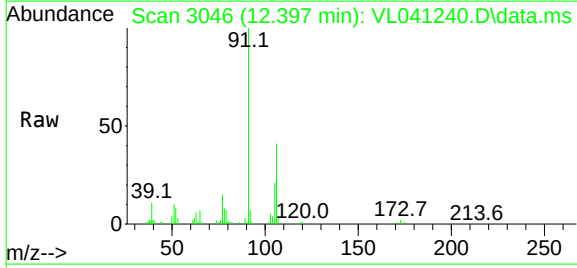
Tgt Ion:	91	Resp:	113102
Ion Ratio	Lower	Upper	
91	100		
106	31.2	24.3	36.5





#59
m/p-Xylene
Concen: 0.814 ppbv m
RT: 12.397 min Scan# 3039
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

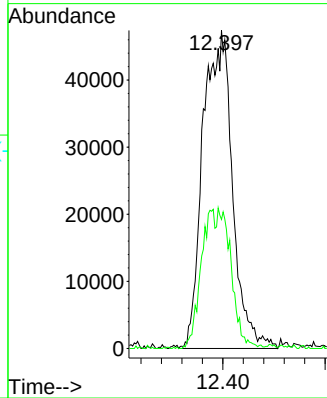
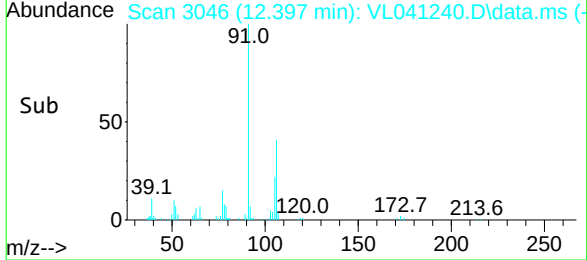
Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 91 Resp: 189638
Ion Ratio Lower Upper
91 100
106 0.0 35.7 53.5#

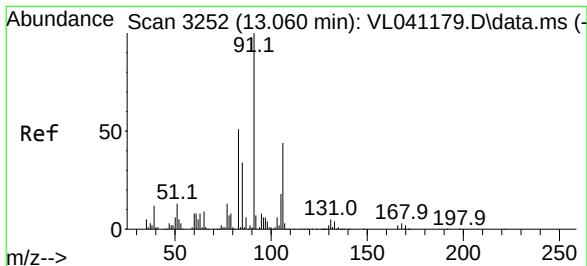
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Yesilyurt



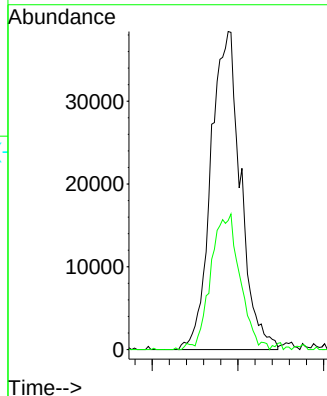
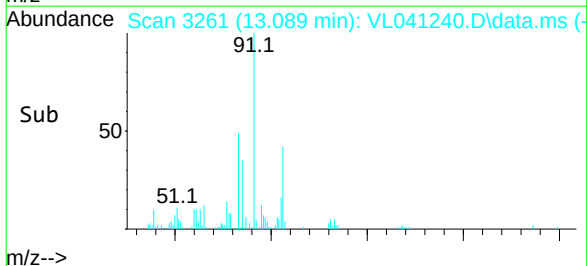
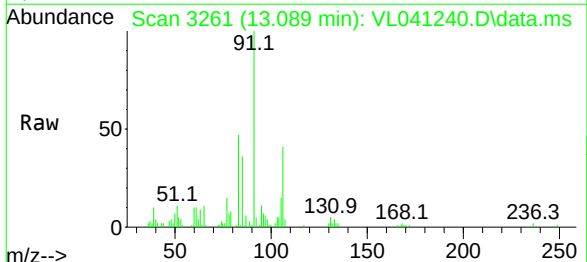
05/09/2024
Supervised By :Mahesh
Dadoda

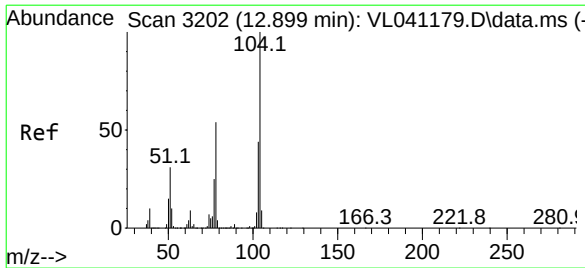
05/09/2024



#60
o-Xylene
Concen: 0.424 ppbv
RT: 13.089 min Scan# 3261
Delta R.T. 0.010 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion: 91 Resp: 92525
Ion Ratio Lower Upper
91 100
106 42.4 22.4 67.3





#61

Styrene

Concen: 0.340 ppbv

RT: 12.921 min Scan# 3209

Delta R.T. 0.003 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

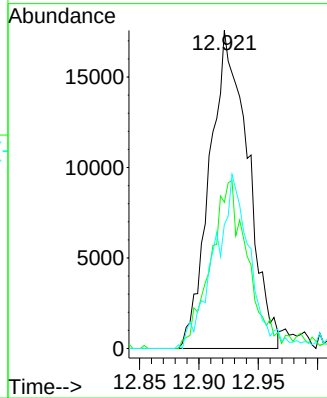
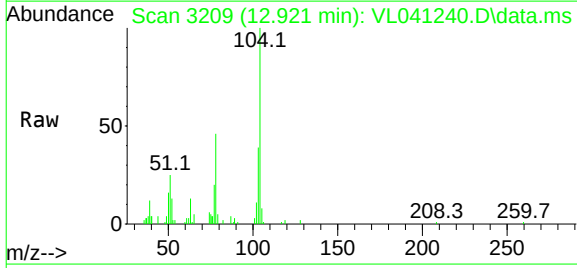
ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:	104	Resp:	39186
Ion Ratio	Lower	Upper	
104	100		
78	53.9	42.6	63.8
103	51.6	38.4	57.6

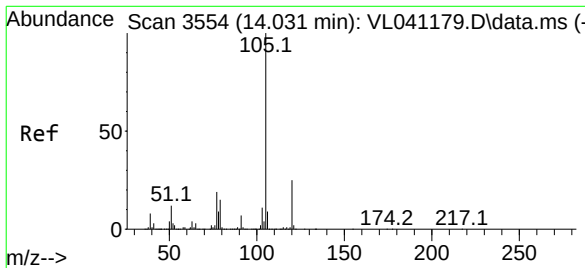
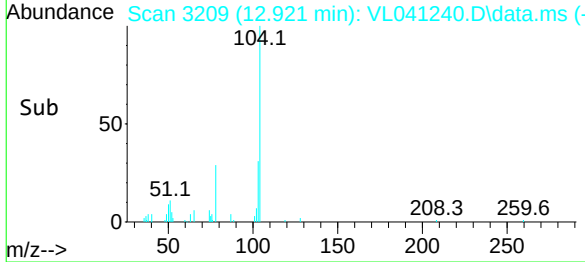
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

05/09/2024



#62

Isopropylbenzene

Concen: 0.420 ppbv

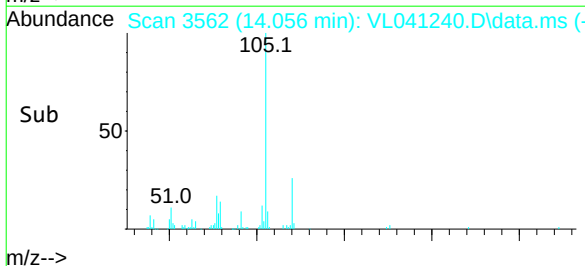
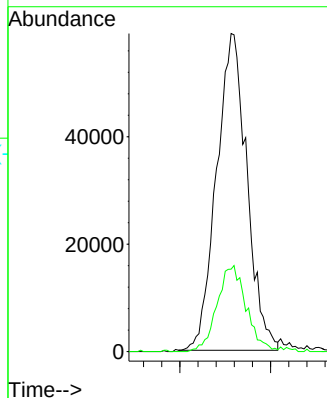
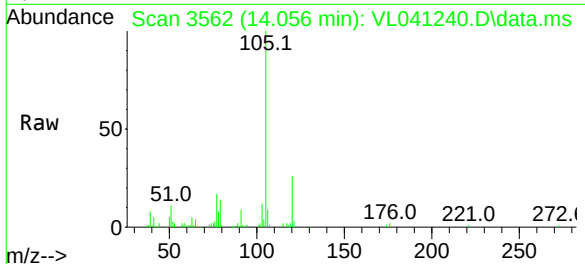
RT: 14.056 min Scan# 3562

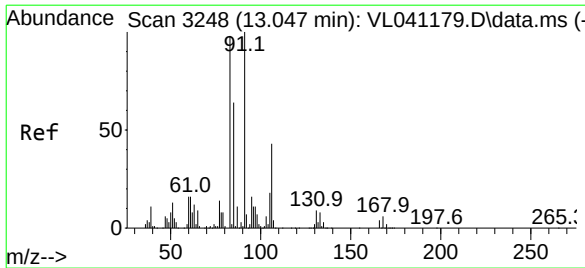
Delta R.T. 0.006 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

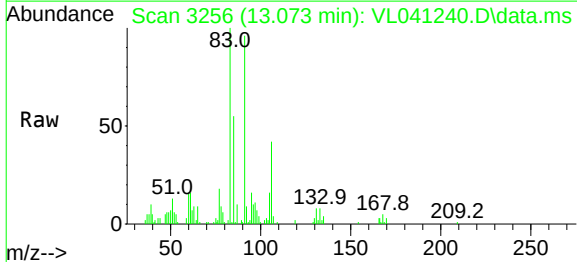
Tgt Ion:	105	Resp:	137104
Ion Ratio	Lower	Upper	
105	100		
120	26.5	20.2	30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.451 ppbv m
RT: 13.073 min Scan# 3248
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

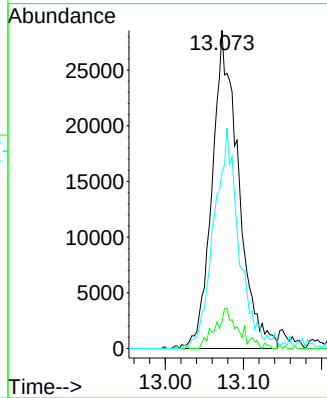
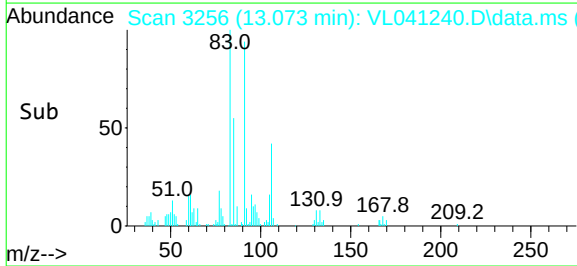
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 83 Resp: 67034
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 0.0 32.7 98.1#

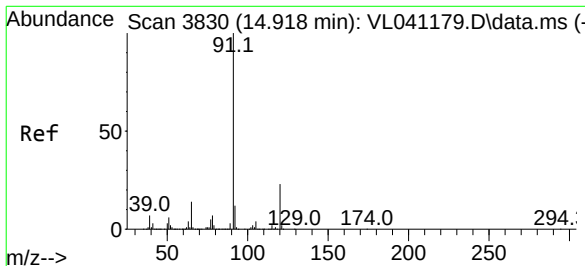
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



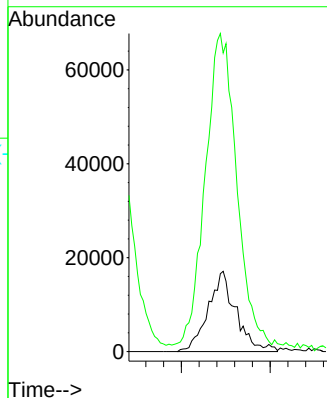
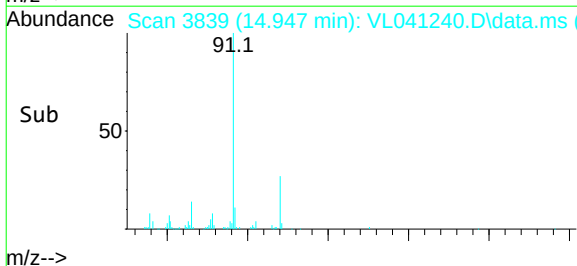
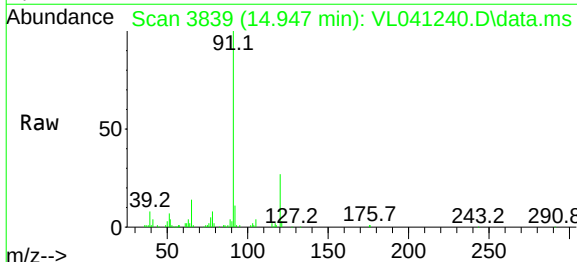
05/09/2024
Supervised By :Mahesh
Dadoda

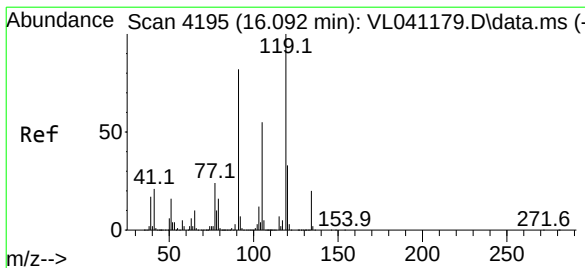
05/09/2024



#64
n-propylbenzene
Concen: 0.458 ppbv m
RT: 14.947 min Scan# 3839
Delta R.T. 0.013 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

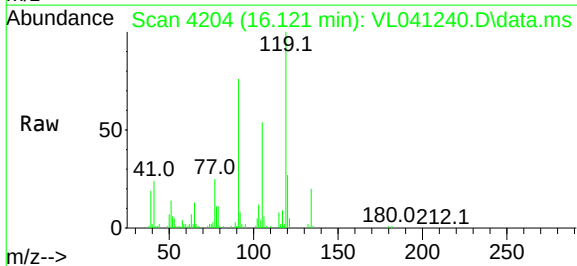
Tgt Ion:120 Resp: 37274
Ion Ratio Lower Upper
120 100
91 466.0 384.8 577.2





#65
tert-Butylbenzene
Concen: 0.432 ppbv m
RT: 16.121 min Scan# 421
Delta R.T. 0.013 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

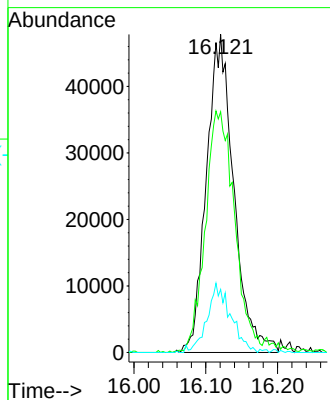
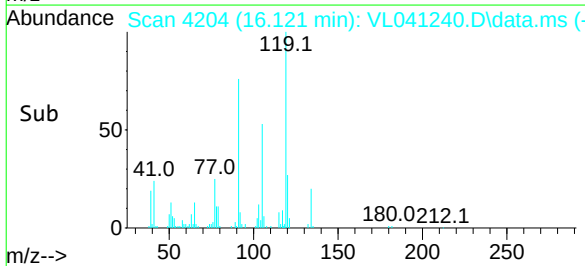
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 119 Resp: 126348
Ion Ratio Lower Upper
119 100
91 84.1 67.0 100.4
134 19.2 15.2 22.8

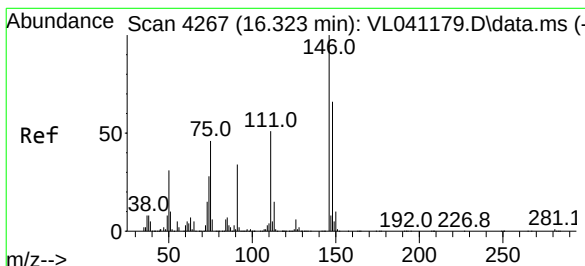
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



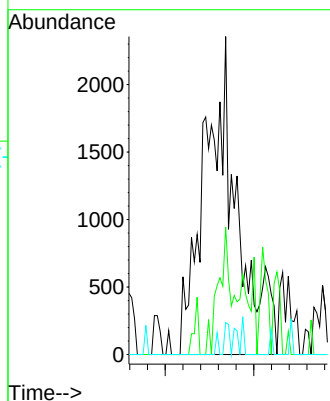
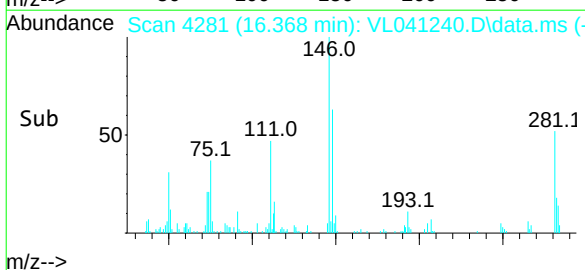
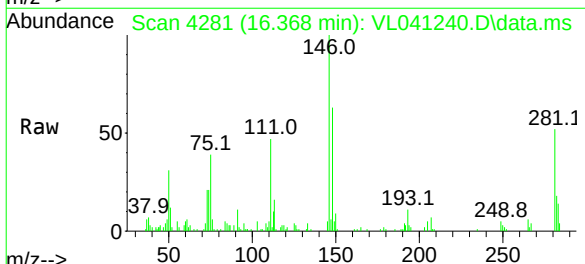
05/09/2024
Supervised By :Mahesh
Dadoda

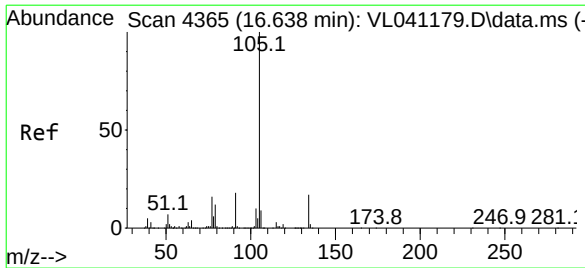
05/09/2024



#66
Benzyl Chloride
Concen: 0.181 ppbv m
RT: 16.368 min Scan# 4281
Delta R.T. 0.019 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

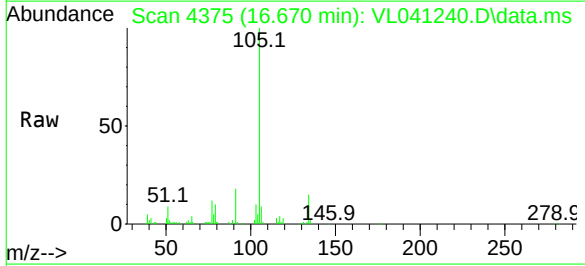
Tgt Ion: 91 Resp: 5997
Ion Ratio Lower Upper
91 100
126 0.0 14.6 21.8#
128 5.3 4.7 7.1





#67
sec-Butylbenzene
Concen: 0.439 ppbv m
RT: 16.670 min Scan# 4365
Delta R.T. 0.019 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

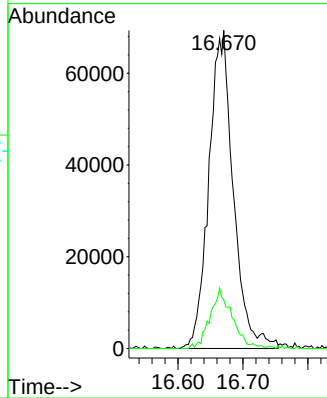
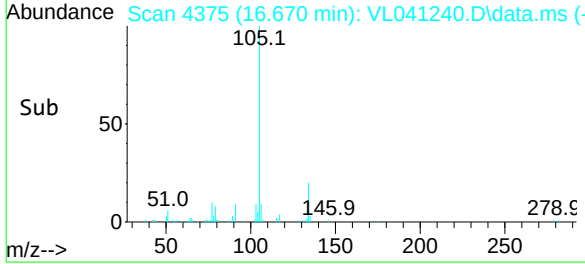
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion: 105 Resp: 180806
Ion Ratio Lower Upper
105 100
134 17.6 13.8 20.8

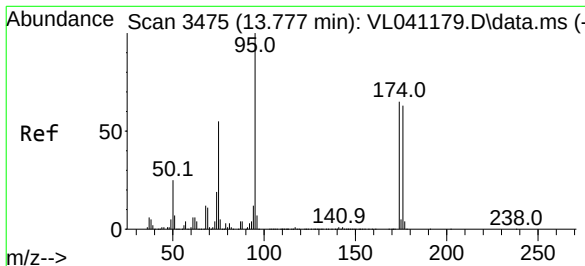
Manual Integrations
APPROVED

Reviewed By : Semsettin
Yesilyurt



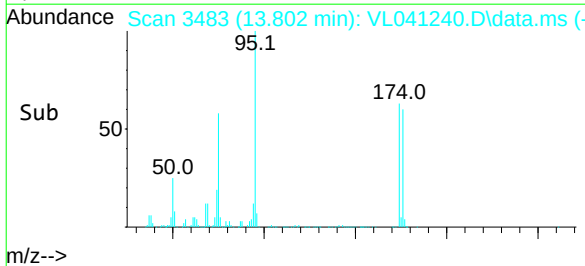
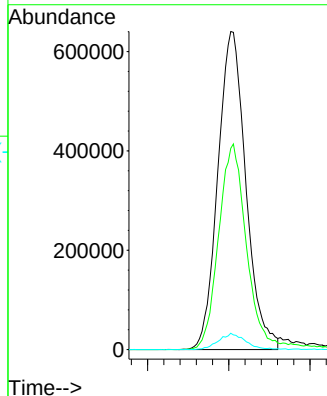
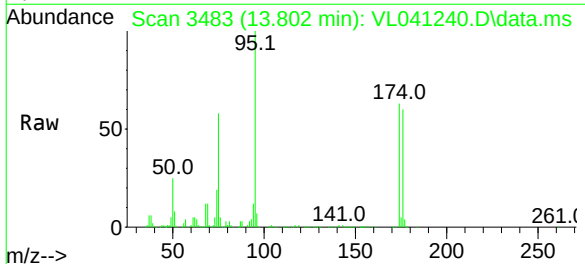
05/09/2024
Supervised By : Mahesh
Dadoda

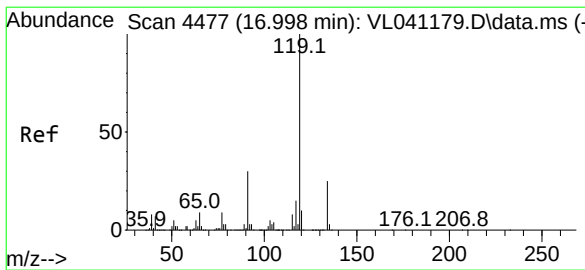
05/09/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.079 ppbv
RT: 13.802 min Scan# 3483
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

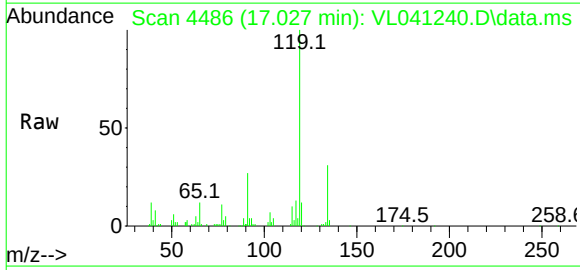
Tgt Ion: 95 Resp: 1537385
Ion Ratio Lower Upper
95 100
174 66.4 53.6 80.4
175 5.0 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.419 ppbv m
RT: 17.027 min Scan# 4477
Delta R.T. 0.013 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

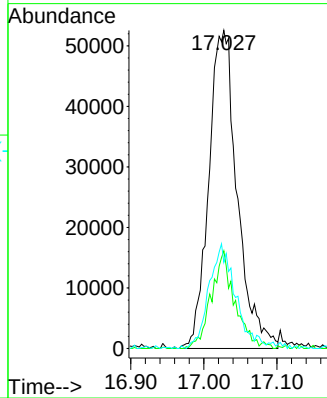
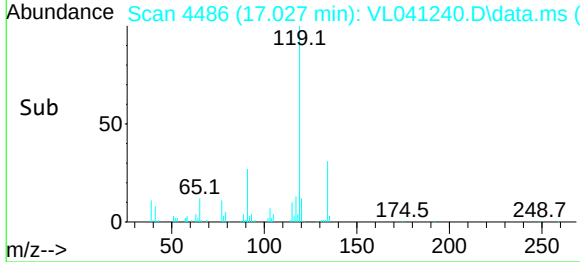
Instrument : MSVOA_L
Client Sample Id :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	119	Resp:	142223
Ion	Ratio	Lower	Upper
119	100		
134	25.8	20.1	30.1
91	31.3	24.2	36.2

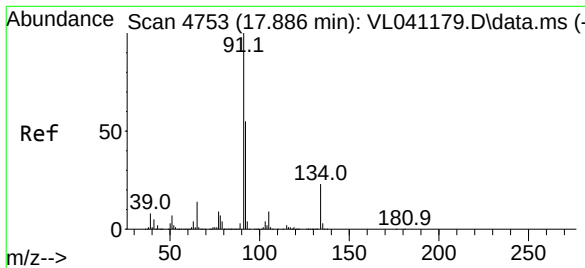
Manual Integrations
APPROVED

Reviewed By : Semsettin
Yesilyurt

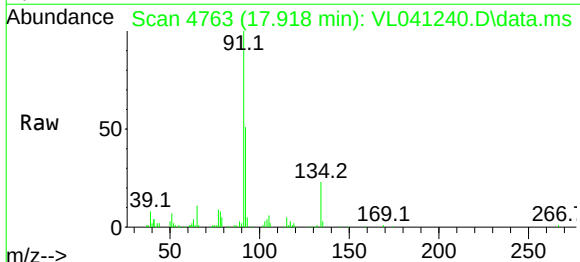


05/09/2024
Supervised By : Mahesh
Dadoda

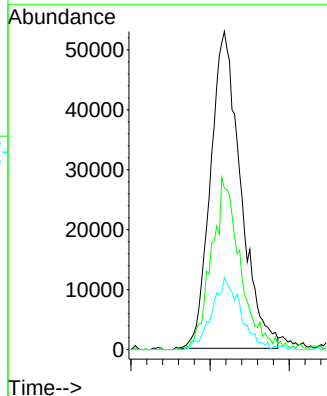
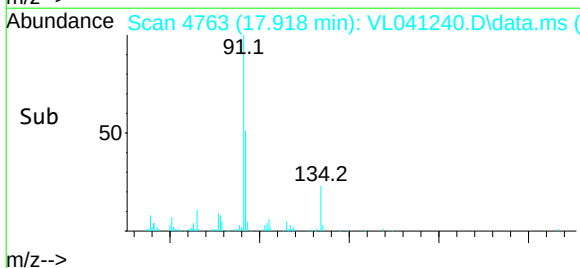
05/09/2024

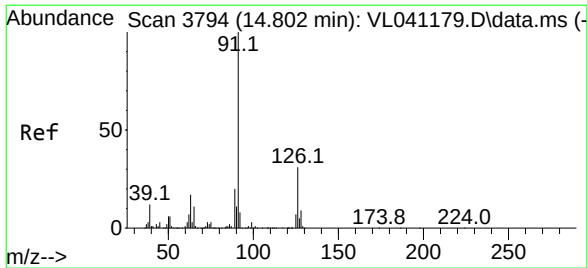


#70
n-Butylbenzene
Concen: 0.395 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. 0.013 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35



Tgt Ion:	91	Resp:	140015
Ion	Ratio	Lower	Upper
91	100		
92	52.0	43.3	64.9
134	22.1	17.8	26.8





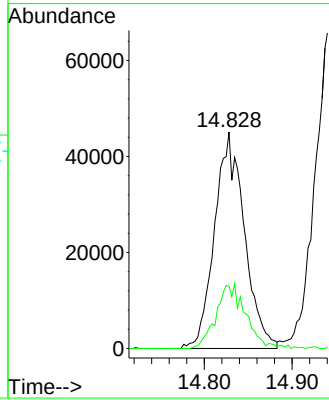
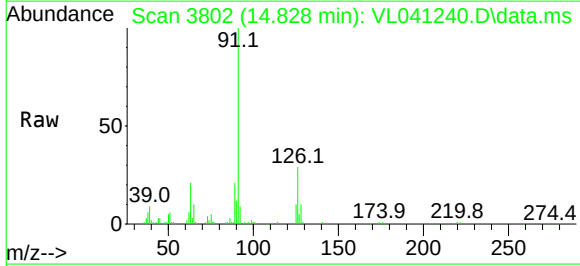
#71
2-Chlorotoluene
Concen: 0.427 ppbv m
RT: 14.828 min Scan# 3812
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Instrument : MSVOA_1
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024

Tgt Ion: 91 Resp: 106021
Ion Ratio Lower Upper
91 100
126 0.0 12.2 48.8#

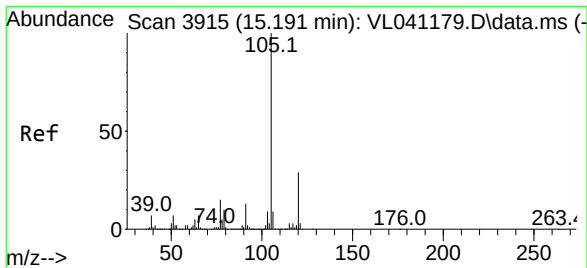
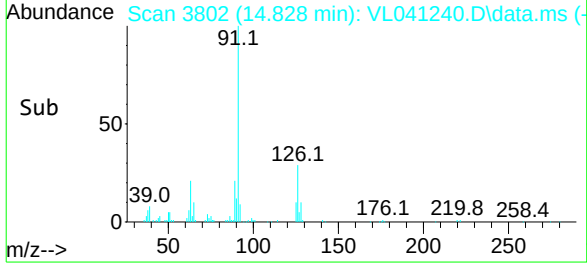
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



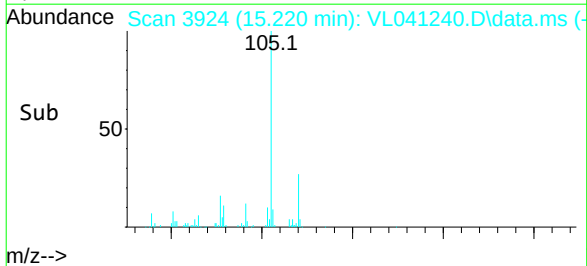
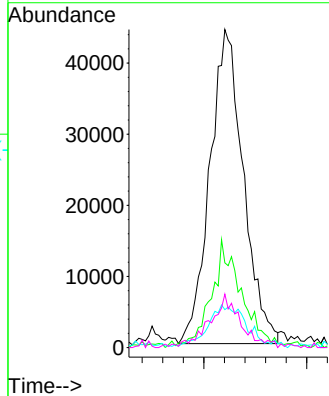
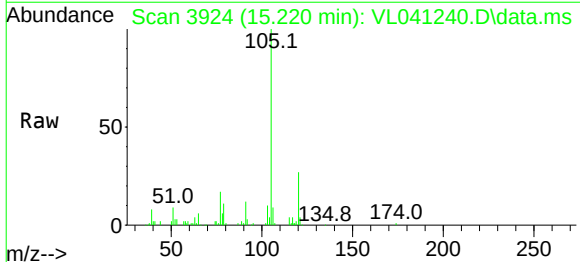
05/09/2024
Supervised By :Mahesh
Dadoda

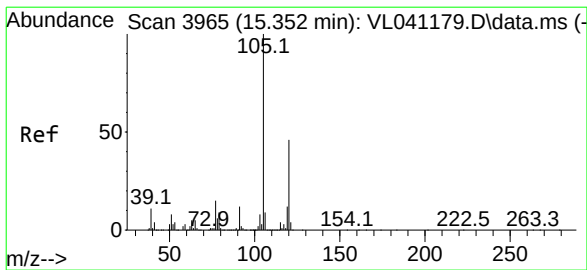
05/09/2024



#72
4-Ethyltoluene
Concen: 0.404 ppbv
RT: 15.220 min Scan# 3924
Delta R.T. 0.010 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

Tgt Ion:105 Resp: 99904
Ion Ratio Lower Upper
105 100
120 32.1 24.7 37.1
91 16.6 10.3 15.5#
77 16.1 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 0.434 ppbv m

RT: 15.384 min Scan# 39

Delta R.T. 0.013 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:105 Resp: 97021

Ion Ratio Lower Upper

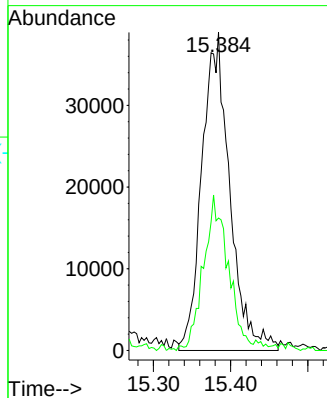
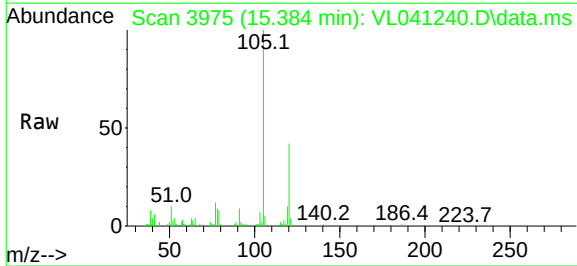
105 100

120 41.6 37.0 55.4

Manual Integrations

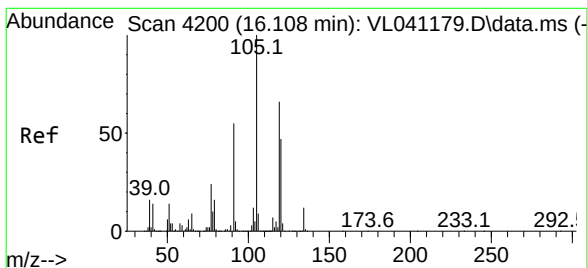
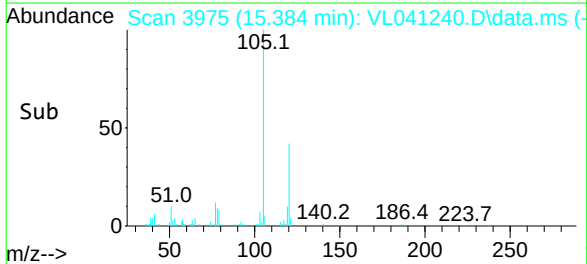
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

05/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.404 ppbv

RT: 16.134 min Scan# 4208

Delta R.T. 0.006 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Tgt Ion:105 Resp: 98588

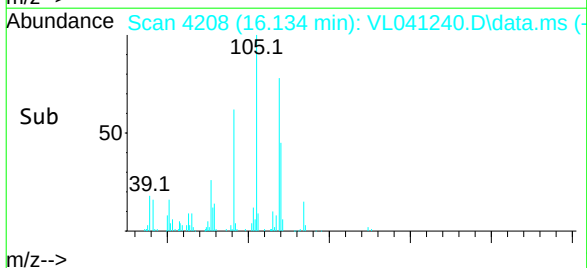
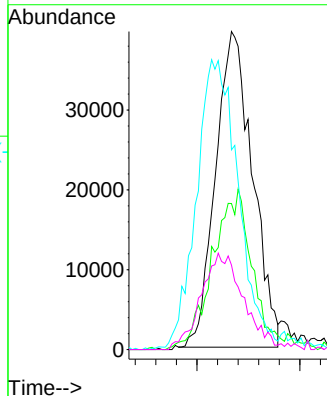
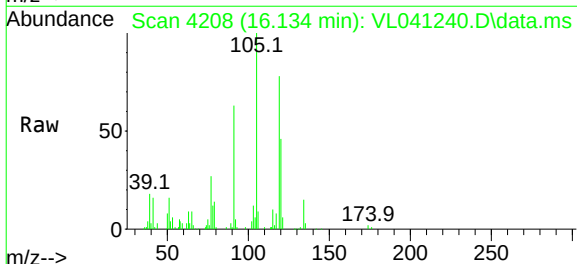
Ion Ratio Lower Upper

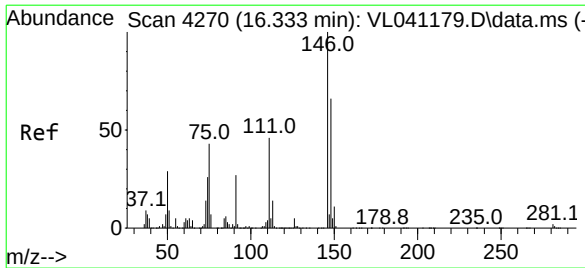
105 100

120 44.0 37.8 56.6

91 60.6 44.3 66.5

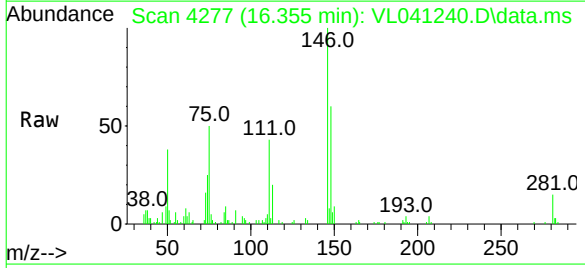
77 25.3 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 0.400 ppbv
RT: 16.355 min Scan# 4277
Delta R.T. 0.006 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

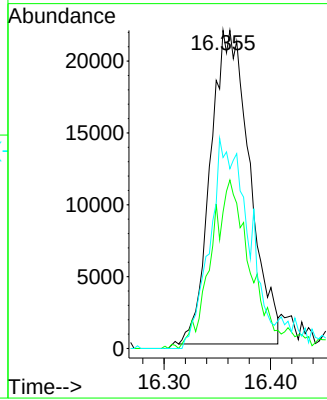
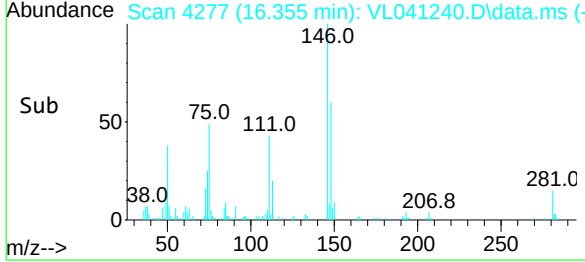
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:146 Resp: 55978
Ion Ratio Lower Upper
146 100
111 55.5 23.7 71.1
148 72.5 32.5 97.4

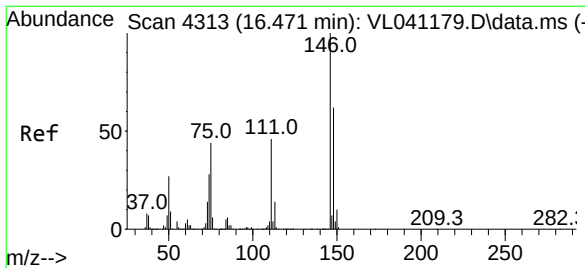
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt

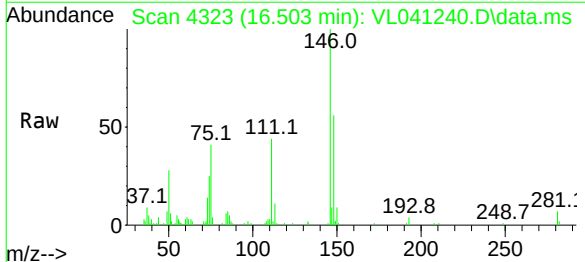


05/09/2024
Supervised By :Mahesh
Dadoda

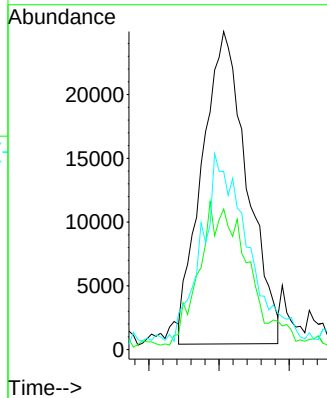
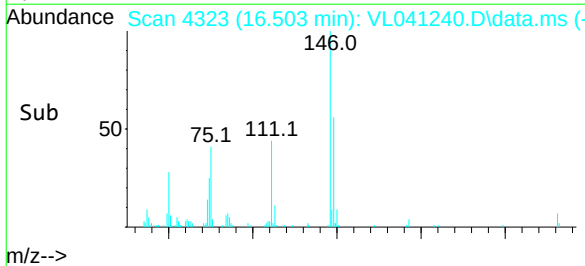
05/09/2024

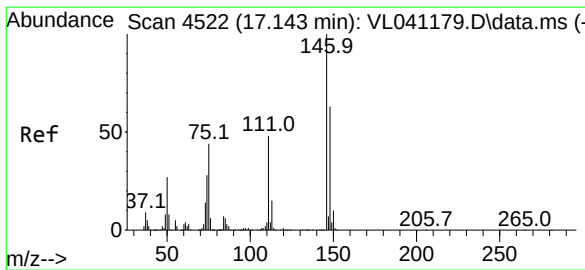


#76
1,4-Dichlorobenzene
Concen: 0.407 ppbv
RT: 16.503 min Scan# 4323
Delta R.T. 0.010 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35



Tgt Ion:146 Resp: 54837
Ion Ratio Lower Upper
146 100
111 57.0 23.3 69.8
148 68.3 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 0.451 ppbv m

RT: 17.179 min Scan# 45

Delta R.T. 0.016 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

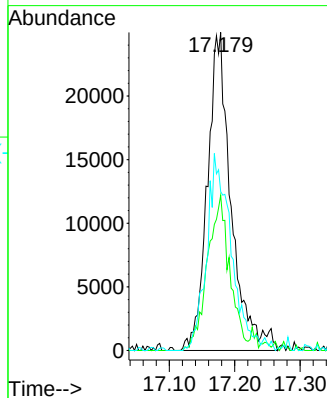
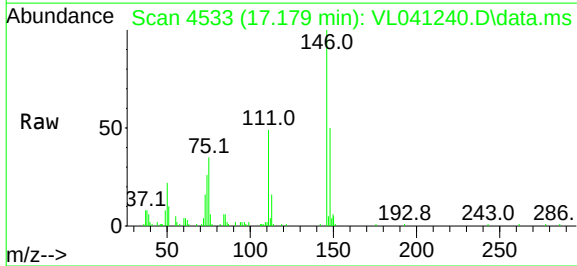
ClientSampleId :

LOD-MDL-AIR-01-QT2-2024

Tgt Ion:	146	Resp:	63146
Ion Ratio	Lower	Upper	
146	100		
111	0.0	24.5	73.5#
148	65.2	32.6	98.0#

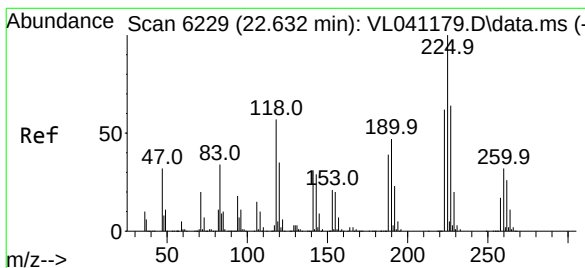
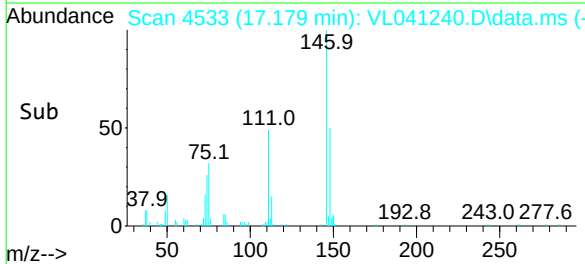
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

05/09/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.465 ppbv m

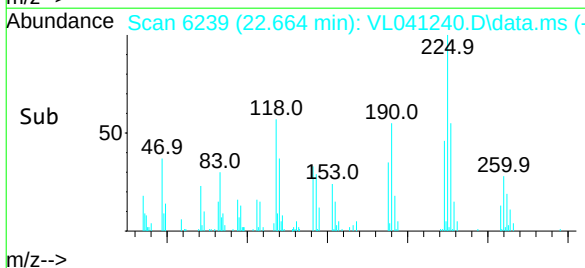
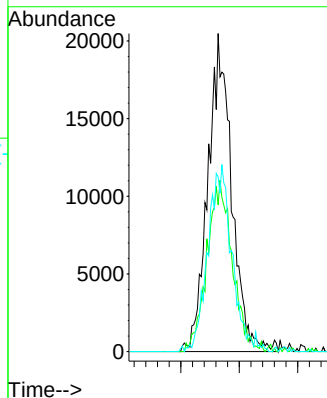
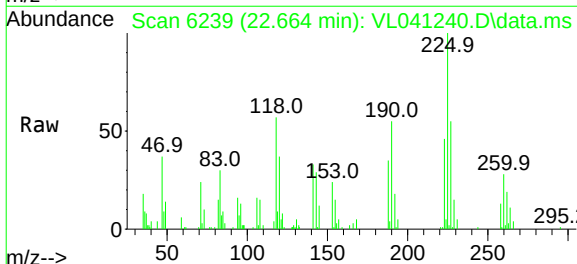
RT: 22.664 min Scan# 6239

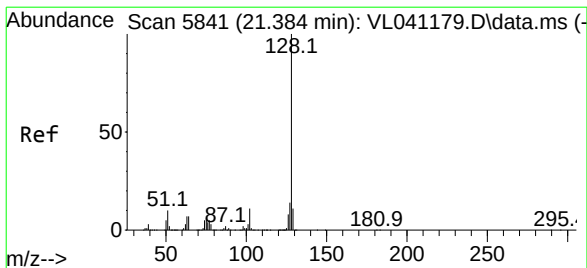
Delta R.T. 0.006 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

Tgt Ion:	225	Resp:	57895
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.9	76.3#
227	0.0	52.0	78.0#





#79

Naphthalene

Concen: 0.302 ppbv m

RT: 21.423 min Scan# 5841

Delta R.T. 0.019 min

Lab File: VL041240.D

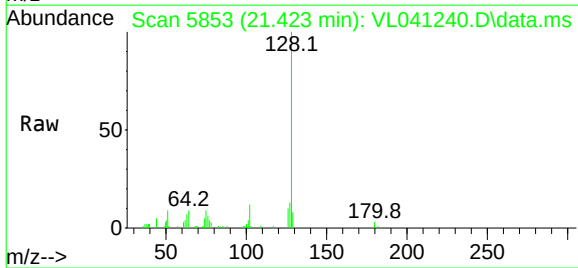
Acq: 8 May 2024 12:35

Instrument :

MSVOA_L

ClientSampleId :

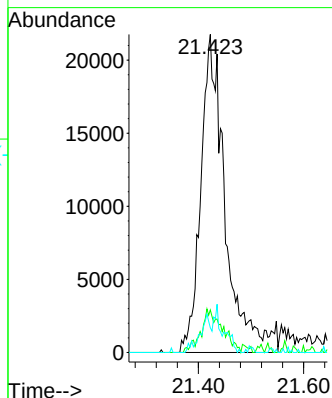
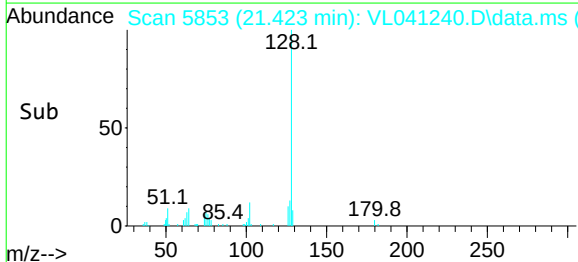
LOD-MDL-AIR-01-QT2-2024



Tgt Ion:	128	Resp:	70270
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.8	16.2
129	7.8	8.9	13.3

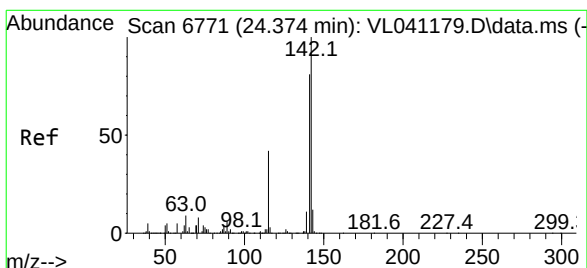
Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

05/09/2024



#80

Naphthalene,2-methyl-

Concen: 0.124 ppbv m

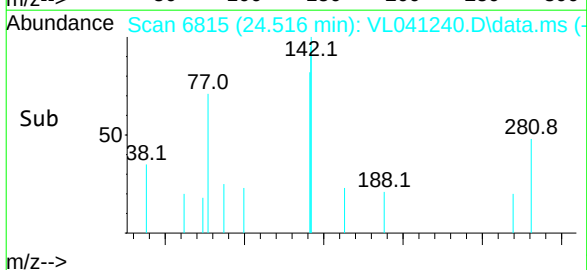
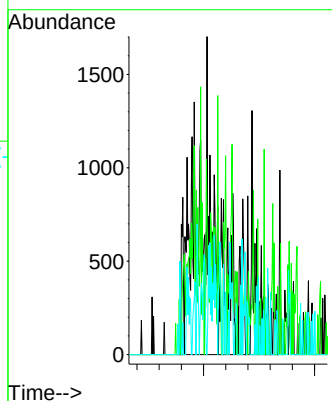
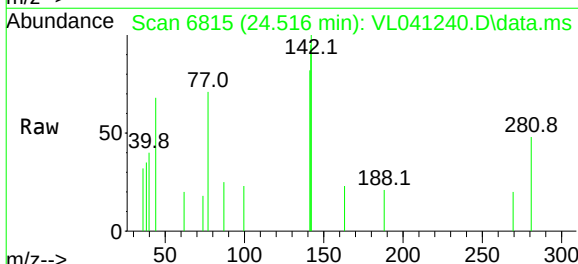
RT: 24.516 min Scan# 6815

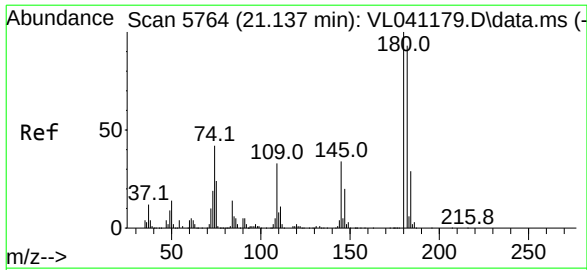
Delta R.T. 0.125 min

Lab File: VL041240.D

Acq: 8 May 2024 12:35

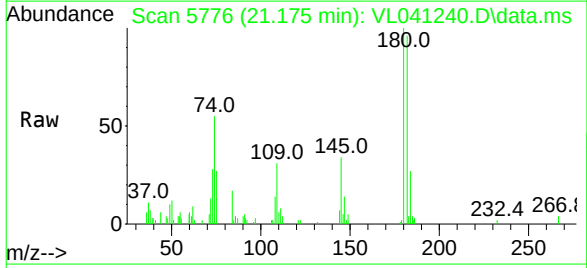
Tgt Ion:	142	Resp:	11648
Ion Ratio	Lower	Upper	
142	100		
141	0.0	67.9	101.9
115	3.5	31.4	47.0





#81
1,2,4-Trichlorobenzene
Concen: 0.304 ppbv m
RT: 21.175 min Scan# 57
Delta R.T. 0.010 min
Lab File: VL041240.D
Acq: 8 May 2024 12:35

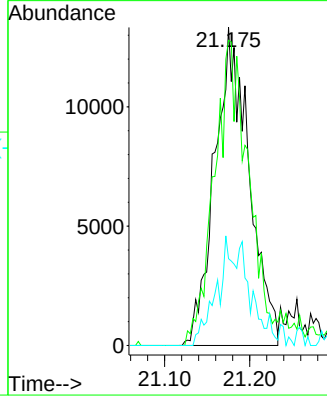
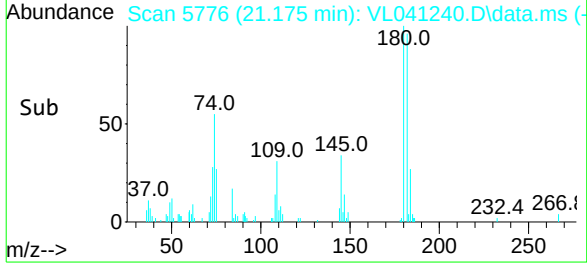
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT2-2024



Tgt	Ion	180	Resp:	37301
Ion	Ratio	Lower	Upper	
180	100			
182	102.8	77.2	115.8	
184	31.3	24.6	36.8	

Manual Integrations
APPROVED

Reviewed By :Semsettin
Yesilyurt



05/09/2024
Supervised By :Mahesh
Dadoda

05/09/2024