

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050824\
 Data File : VL041238.D
 Acq On : 8 May 2024 11:18
 Operator : SY/MD
 Sample : P2403-14 LOQ 0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2024

Quant Time: May 09 04:49:04 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 APPROVED

Reviewed By : Semsettin Yesilyurt 05/09/2024
 Supervised By : Mahesh Dadoda 05/09/2024

05/09/2024
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	5.214	49	824958	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2224017	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.490	117	2064668	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.802	95	1579457	10.133	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.751	85	81037	0.726	ppbv	97
3) Chlorodifluoromethane	2.697	51	72602	0.579	ppbv	98
4) Chloromethane	2.838	50	27685	0.563	ppbv	93
5) Vinyl Chloride	2.944	62	25786	0.522	ppbv	93
6) Bromomethane	3.144	94	10713m	0.594	ppbv	
7) Chloroethane	3.217	64	9749m	0.559	ppbv	
8) Dichlorotetrafluoroethane	2.877	85	66859	0.579	ppbv	98
9) Propene	2.716	41	27220	0.555	ppbv	92
10) Heptane	7.603	43	59459	0.501	ppbv	96
11) Trichlorofluoromethane	3.584	101	62240	0.549	ppbv	93
12) 1,1,2-Trichlorotrifluo...	4.092	101	43959	0.524	ppbv	99
13) Ethanol	3.275	45	5976m	0.544	ppbv	
14) Bromoethene	3.385	108	19209m	0.555	ppbv	
15) Acetone	3.504	43	63420	0.651	ppbv	96
16) 1,3-Butadiene	3.005	39	24711m	0.503	ppbv	
17) tert-Butyl alcohol	3.915	59	45887m	0.437	ppbv	
18) 1,1-Dichloroethene	3.902	96	19543	0.523	ppbv	96
19) Isopropyl Alcohol	3.613	45	31651m	0.495	ppbv	
20) Methylene Chloride	3.957	84	19952	0.589	ppbv	87
21) Allyl Chloride	4.021	41	31629	0.498	ppbv #	84
22) trans-1,2-Dichloroethene	4.465	96	21210m	0.545	ppbv	
23) Vinyl Acetate	4.658	43	49339m	0.460	ppbv	
24) 1,1-Dichloroethane	4.584	63	41987	0.504	ppbv #	96
25) Ethyl Acetate	5.240	43	98312	0.506	ppbv	97
26) Hexane	5.237	57	43470	0.501	ppbv	95
27) Carbon Disulfide	4.150	76	49977	0.487	ppbv #	94
28) Methyl tert-Butyl Ether	4.623	73	33926m	0.491	ppbv	
29) Chloroform	5.298	83	72143	0.603	ppbv	90
30) Cyclohexane	6.629	84	34325	0.500	ppbv	87
31) cis-1,2-Dichloroethene	5.098	61	39796	0.490	ppbv #	88
32) 1,1,1-Trichloroethane	6.021	97	64386	0.539	ppbv	95
34) 2-Butanone	4.819	43	57349	0.507	ppbv	99
35) Carbon Tetrachloride	6.520	117	62065	0.497	ppbv	95
36) Benzene	6.397	78	88130	0.472	ppbv	93
37) 1,2-Dichloroethane	5.825	62	53317m	0.548	ppbv	
38) Trichloroethene	7.311	130	36813m	0.529	ppbv	
39) 1,2-Dichloropropane	7.102	63	37787m	0.525	ppbv	
40) 1,4-Dioxane	7.356	88	13639m	0.531	ppbv	
41) Tetrahydrofuran	5.603	42	36581m	0.446	ppbv	
42) Bromodichloromethane	7.275	83	73074	0.523	ppbv #	82
43) Methyl Methacrylate	7.503	69	31848m	0.422	ppbv	
44) 2,2,4-Trimethylpentane	7.349	57	156979	0.488	ppbv	97
45) t-1,3-Dichloropropene	8.741	75	20529m	0.375	ppbv	

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	26825m	0.401	ppbv	
47) 1,1,2-Trichloroethane	8.925	97	39137m	0.544	ppbv	
48) Dibromochloromethane	9.741	129	56289m	0.491	ppbv	
49) Bromoform	12.429	173	41297	0.423	ppbv	98
50) 4-Methyl-2-Pentanone	8.227	43	86800	0.427	ppbv	97
51) 2-Hexanone	9.597	43	64107m	0.425	ppbv	
52) Tetrachloroethene	10.638	164	34221m	0.522	ppbv	
53) Toluene	9.246	91	104675	0.484	ppbv	95
54) 1,2-Dibromoethane	10.034	107	47984	0.492	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.532	131	45607	0.545	ppbv #	1
57) Chlorobenzene	11.548	112	80353	0.531	ppbv	97
58) Ethyl Benzene	12.114	91	133372	0.471	ppbv	95
59) m/p-Xylene	12.394	91	242349m	1.019	ppbv	
60) o-Xylene	13.085	91	116243	0.521	ppbv	97
61) Styrene	12.925	104	52413	0.445	ppbv	99
62) Isopropylbenzene	14.050	105	177158	0.531	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	87340m	0.574	ppbv	
64) n-propylbenzene	14.947	120	45330m	0.545	ppbv	
65) tert-Butylbenzene	16.111	119	158716m	0.531	ppbv	
66) Benzyl Chloride	16.368	91	9303m	0.275	ppbv	
67) sec-Butylbenzene	16.657	105	227442m	0.541	ppbv	
69) p-Isopropyltoluene	17.021	119	182264m	0.526	ppbv	
70) n-Butylbenzene	17.918	91	173498	0.479	ppbv	97
71) 2-Chlorotoluene	14.828	91	131554	0.518	ppbv	100
72) 4-Ethyltoluene	15.217	105	123690	0.490	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.378	105	108649	0.475	ppbv	97
74) 1,2,4-Trimethylbenzene	16.137	105	136142m	0.545	ppbv	
75) 1,3-Dichlorobenzene	16.358	146	75970	0.531	ppbv	99
76) 1,4-Dichlorobenzene	16.503	146	78429m	0.570	ppbv	
77) 1,2-Dichlorobenzene	17.175	146	79141m	0.553	ppbv	
78) Hexachloro-1,3-Butadiene	22.657	225	66851m	0.526	ppbv	
79) Naphthalene	21.429	128	95468m	0.402	ppbv	
80) Naphthalene,2-methyl-	24.458	142	18550m	0.194	ppbv	
81) 1,2,4-Trichlorobenzene	21.169	180	48275m	0.385	ppbv	

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

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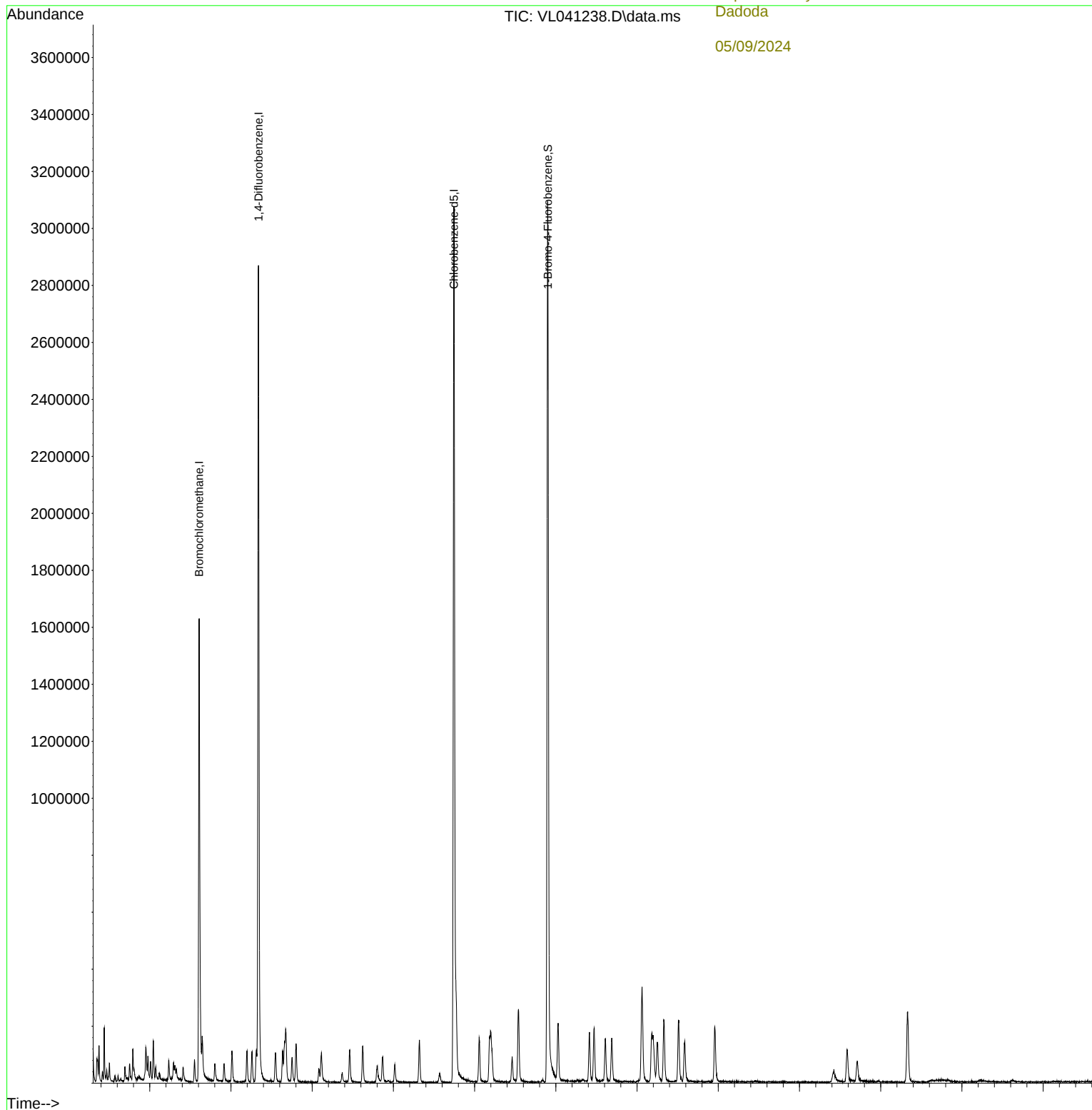
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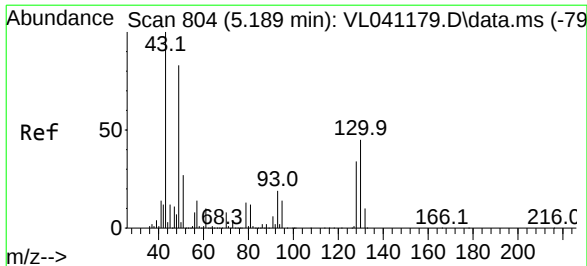
Manual Integrations
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Supervised By : Mahesh Dadoda 05/09/2024

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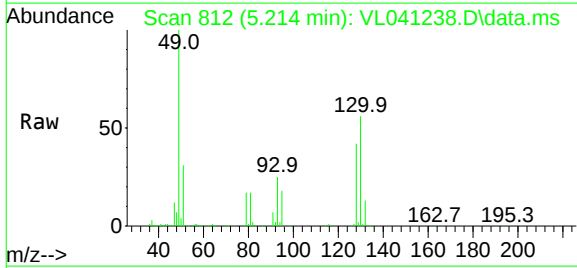
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

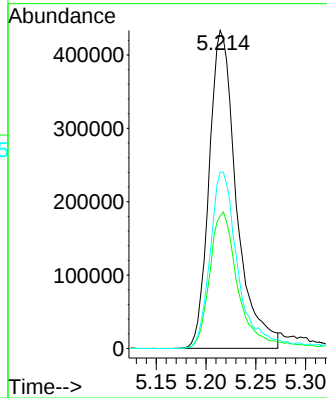
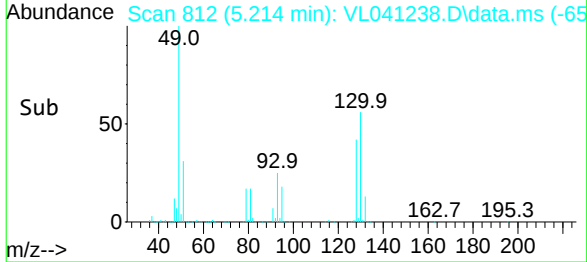
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 49 Resp: 824958
Ion Ratio Lower Upper
49 100
128 46.6 21.5 64.5
130 59.8 27.2 81.6

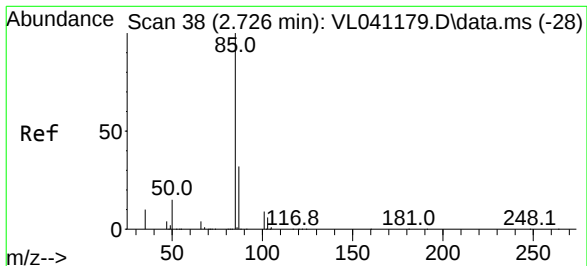
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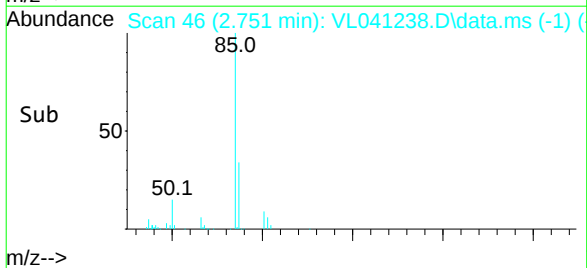
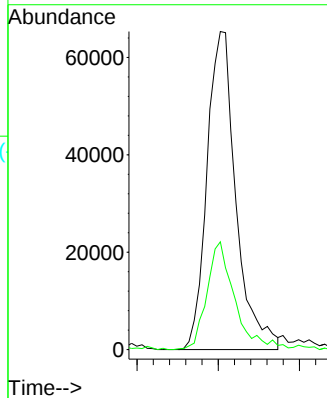
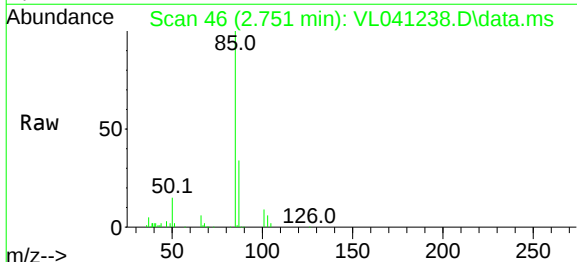
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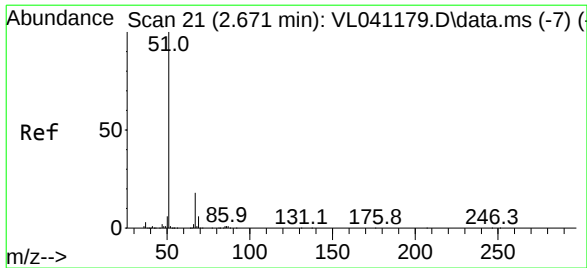
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#2
Dichlorodifluoromethane
Concen: 0.726 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion: 85 Resp: 81037
Ion Ratio Lower Upper
85 100
87 33.6 25.7 38.5





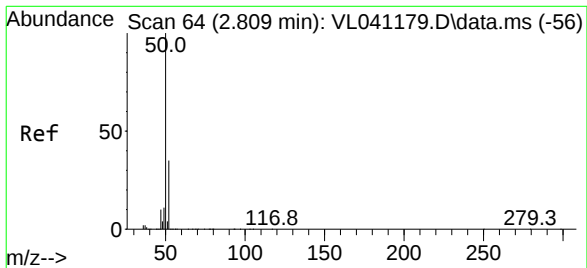
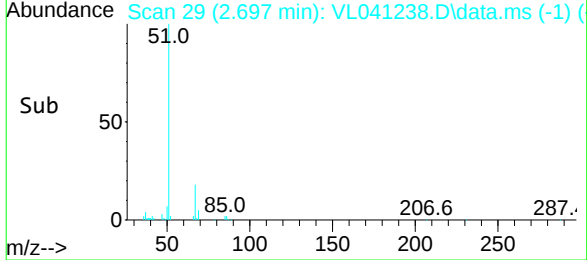
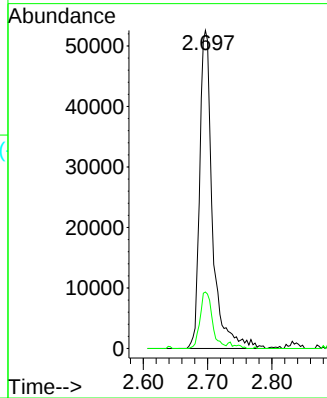
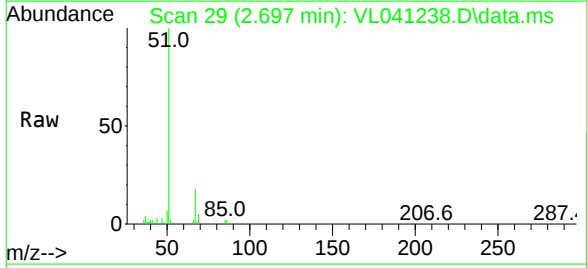
#3
Chlorodifluoromethane
Concen: 0.579 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 51 Resp: 72602
Ion Ratio Lower Upper
51 100
67 18.2 14.0 21.0

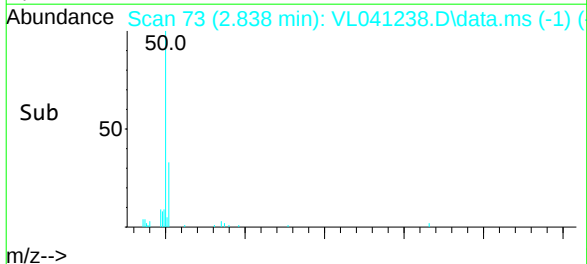
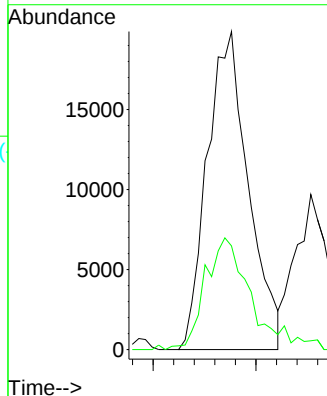
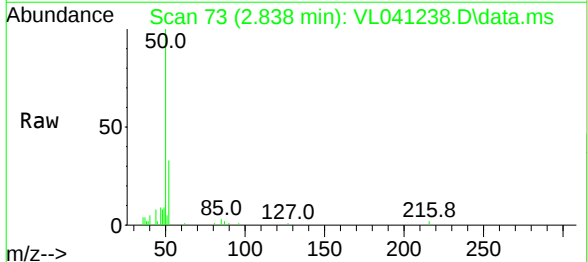
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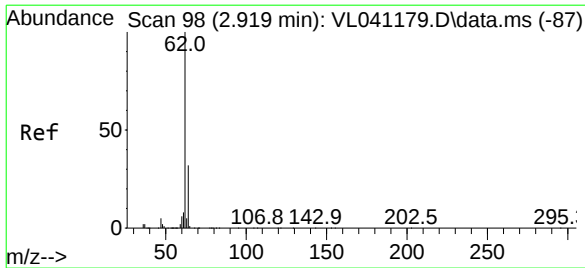
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Supervised By :Mahesh Dadoda 05/09/2024



#4
Chloromethane
Concen: 0.563 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion: 50 Resp: 27685
Ion Ratio Lower Upper
50 100
52 31.4 28.3 42.5





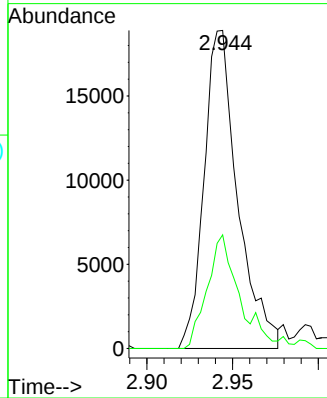
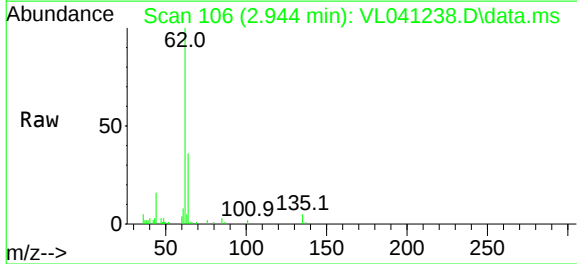
#5
 Vinyl Chloride
 Concen: 0.522 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.006 min
 Lab File: VL041238.D
 Acq: 8 May 2024 11:18

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2024

Tgt Ion: 62 Resp: 25786
 Ion Ratio Lower Upper
 62 100
 64 35.7 25.7 38.5

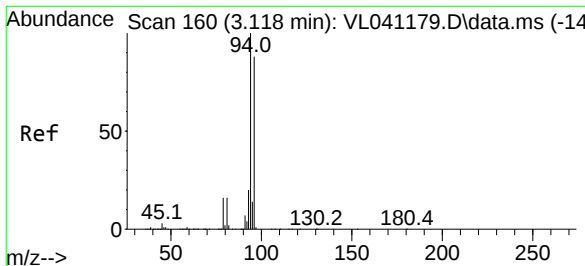
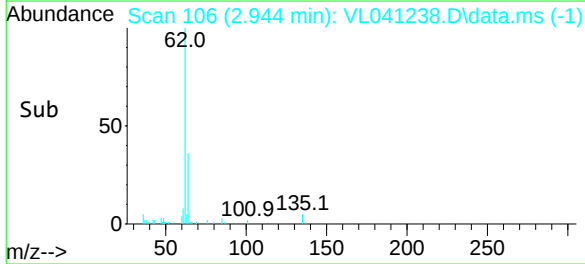
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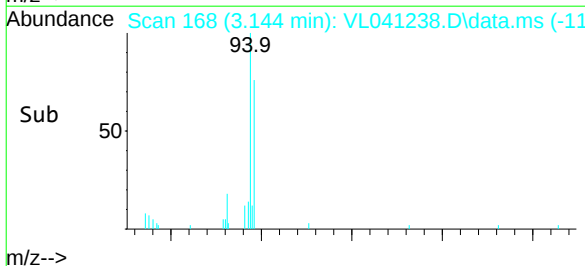
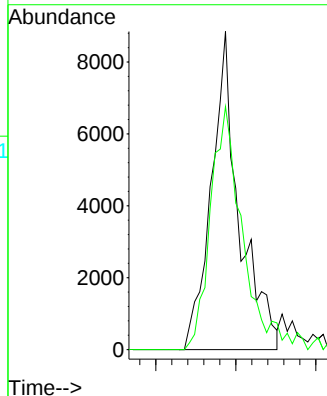
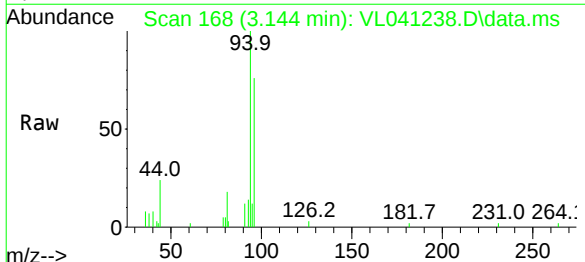
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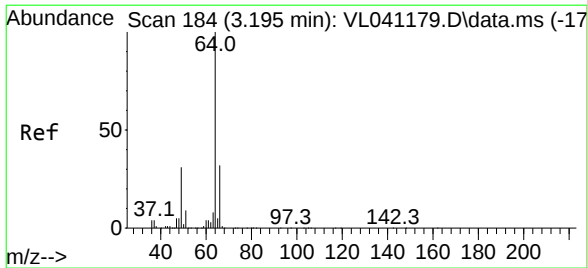
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#6
 Bromomethane
 Concen: 0.594 ppbv m
 RT: 3.144 min Scan# 168
 Delta R.T. 0.006 min
 Lab File: VL041238.D
 Acq: 8 May 2024 11:18

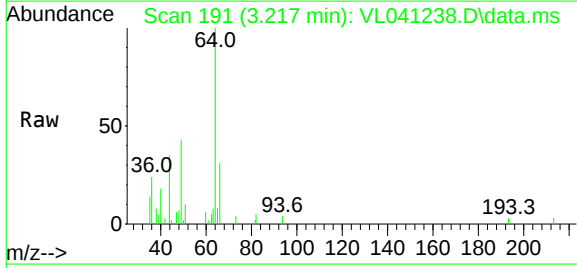
Tgt Ion: 94 Resp: 10713
 Ion Ratio Lower Upper
 94 100
 96 76.4 70.1 105.1





#7
Chloroethane
Concen: 0.559 ppbv m
RT: 3.217 min Scan# 19
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

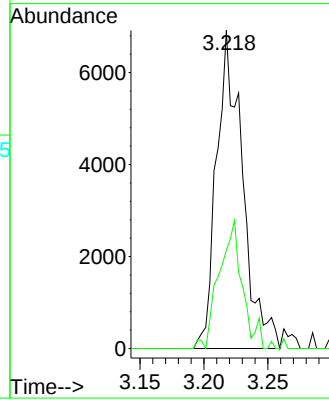
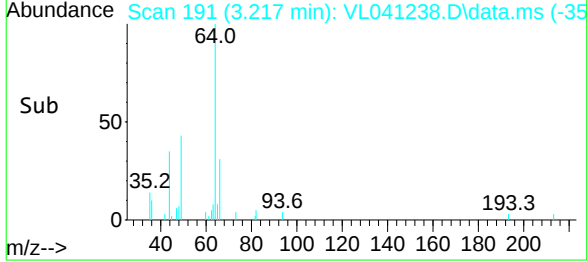
Instrument :
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Tgt Ion: 64 Resp: 9749
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2

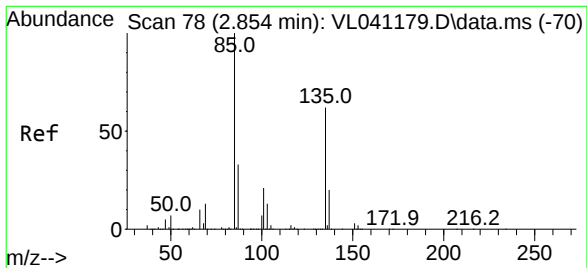
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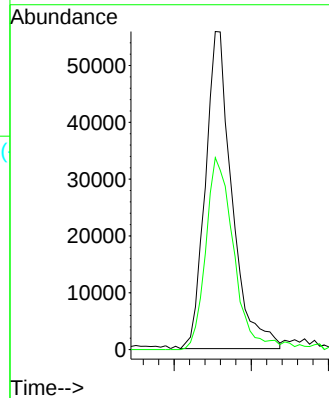
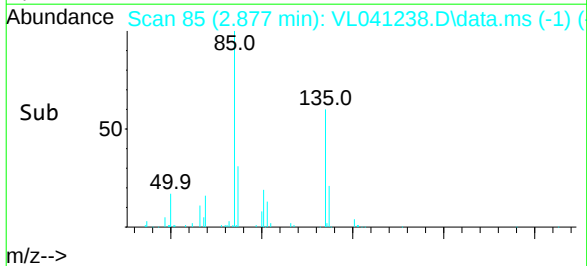
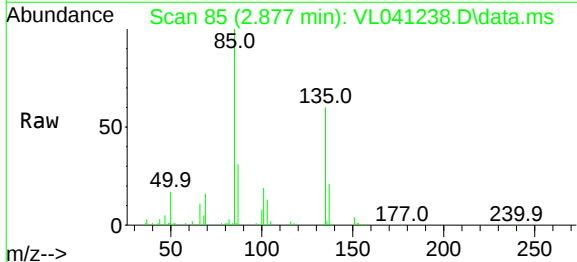
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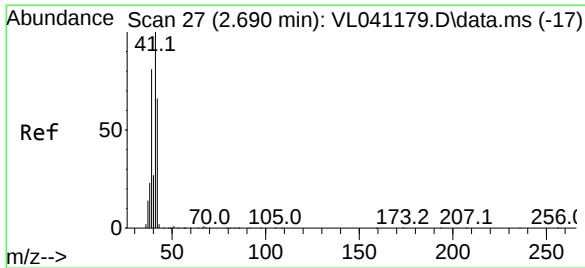
05/09/2024



#8
Dichlorotetrafluoroethane
Concen: 0.579 ppbv
RT: 2.877 min Scan# 85
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion: 85 Resp: 66859
Ion Ratio Lower Upper
85 100
135 66.0 51.5 77.3





#9

Propene

Concen: 0.555 ppbv

RT: 2.716 min Scan# 35

Delta R.T. 0.006 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024

Tgt Ion: 41 Resp: 27220

Ion Ratio Lower Upper

41 100

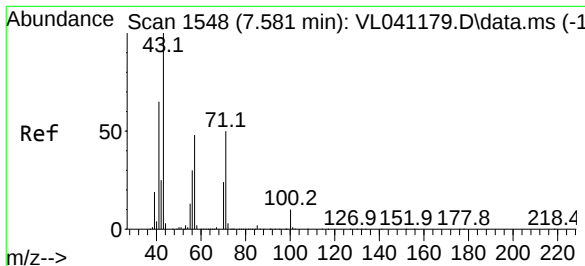
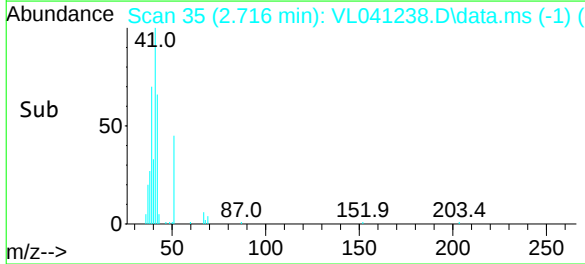
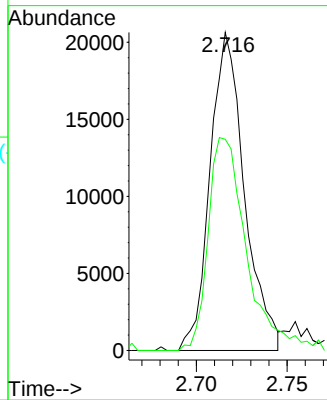
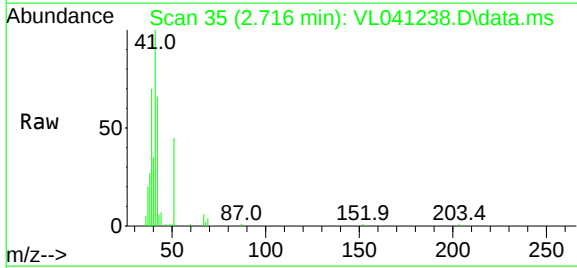
42 75.5 55.3 82.9

Manual Integrations

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Supervised By :Mahesh Dadoda 05/09/2024



#10

Heptane

Concen: 0.501 ppbv

RT: 7.603 min Scan# 1555

Delta R.T. 0.003 min

Lab File: VL041238.D

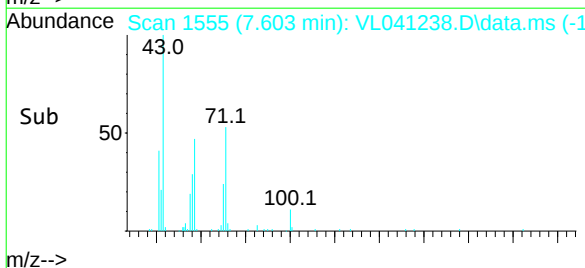
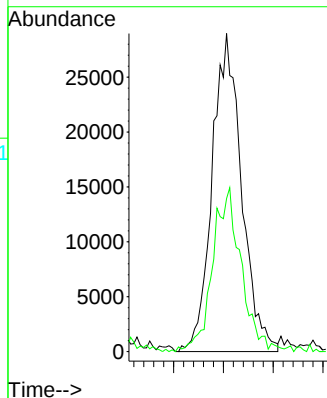
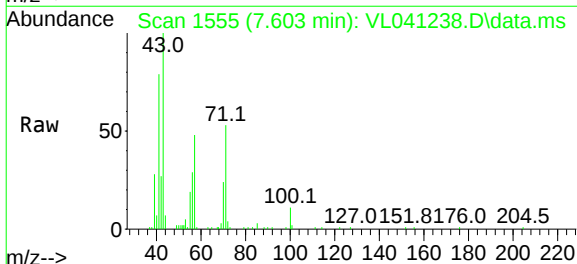
Acq: 8 May 2024 11:18

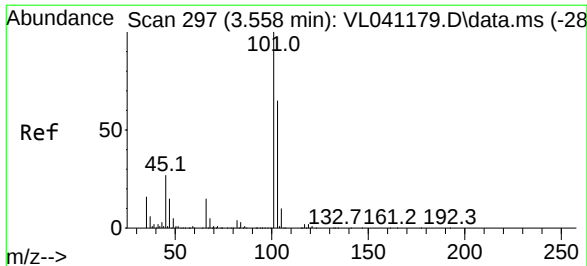
Tgt Ion: 43 Resp: 59459

Ion Ratio Lower Upper

43 100

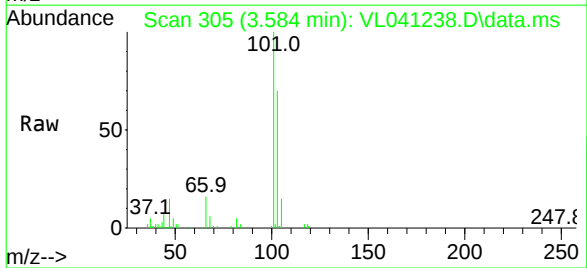
57 50.9 38.7 58.1





#11
Trichlorofluoromethane
Concen: 0.549 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

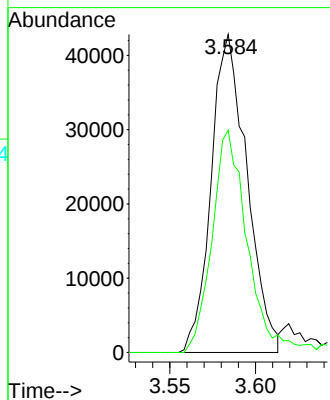
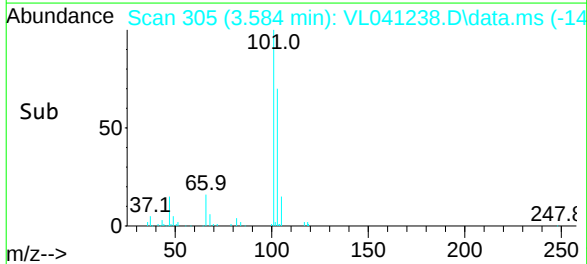
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion:101 Resp: 62240
Ion Ratio Lower Upper
101 100
103 69.9 51.6 77.4

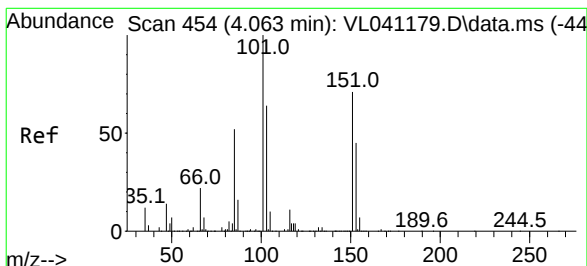
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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

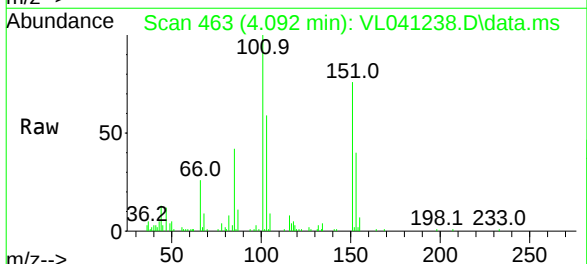


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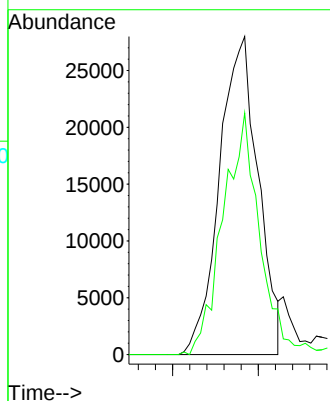
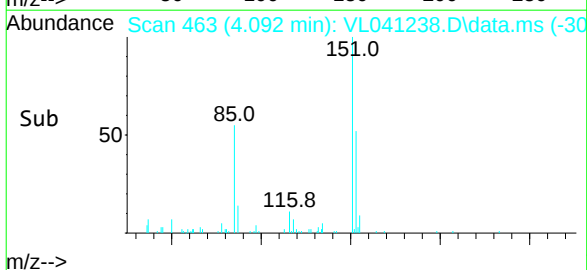
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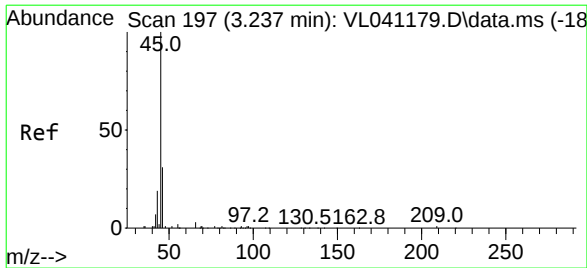


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.524 ppbv
RT: 4.092 min Scan# 463
Delta R.T. 0.010 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18



Tgt Ion:101 Resp: 43959
Ion Ratio Lower Upper
101 100
151 71.8 56.8 85.2





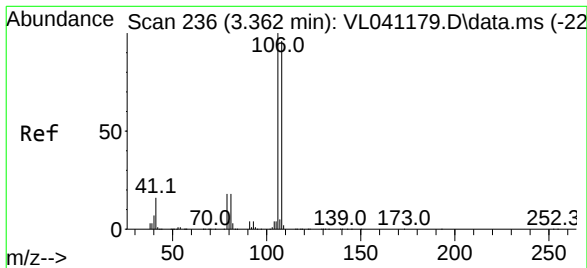
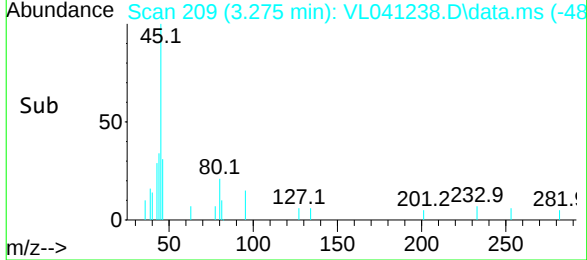
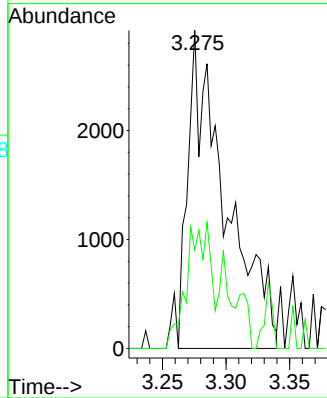
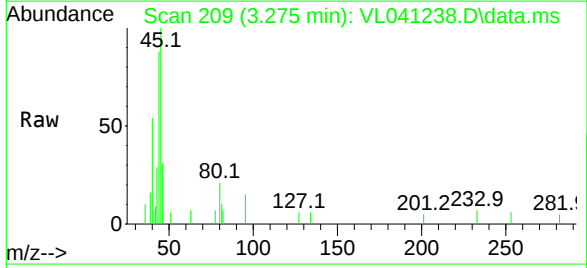
#13
Ethanol
Concen: 0.544 ppbv m
RT: 3.275 min Scan# 209
Delta R.T. 0.019 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 45 Resp: 5976
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0#

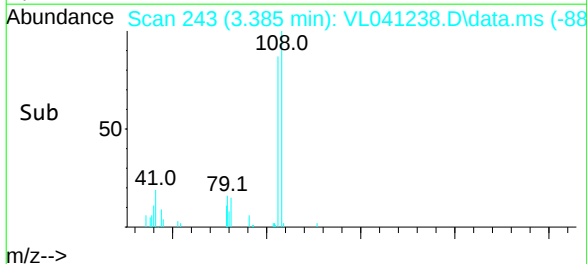
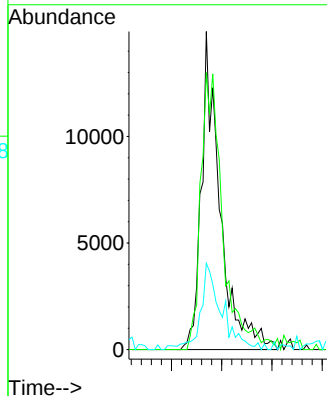
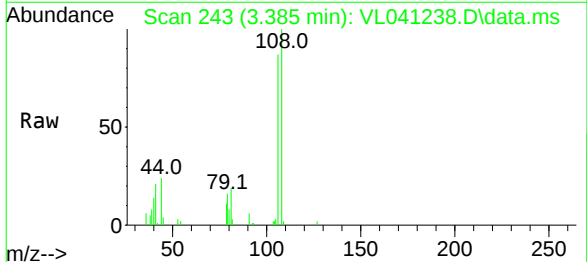
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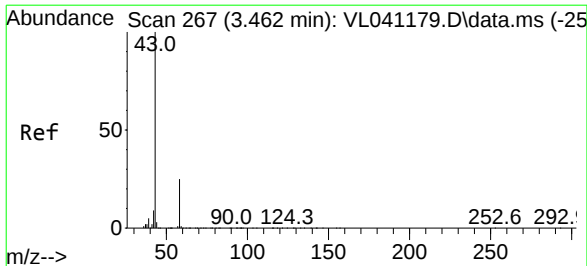
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#14
Bromoethene
Concen: 0.555 ppbv m
RT: 3.385 min Scan# 243
Delta R.T. -0.000 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion:108 Resp: 19209
Ion Ratio Lower Upper
108 100
106 105.5 88.2 132.4
79 30.6 17.4 26.0#





#15

Acetone

Concen: 0.651 ppbv

RT: 3.504 min Scan# 28

Delta R.T. 0.019 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024

Tgt Ion: 43 Resp: 63420

Ion Ratio Lower Upper

43 100

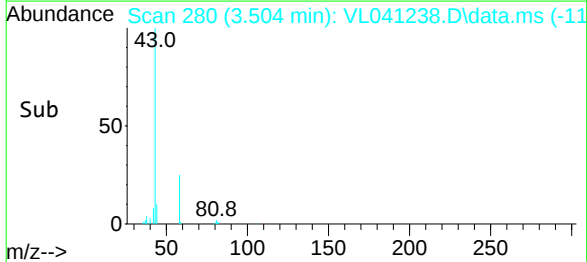
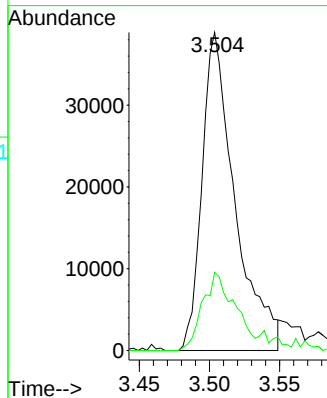
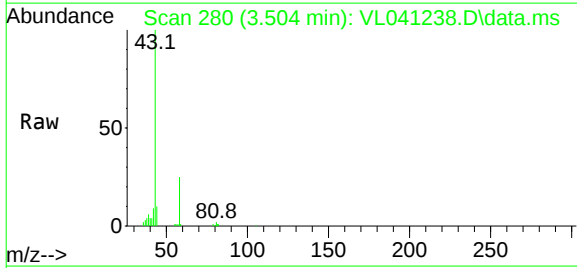
58 28.7 21.4 32.0

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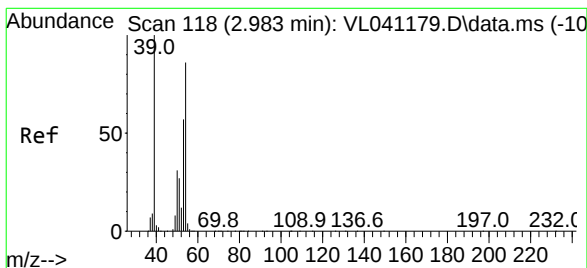
Supervised By :Mahesh Dadoda 05/09/2024



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Dadoda

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#16

1,3-Butadiene

Concen: 0.503 ppbv m

RT: 3.005 min Scan# 125

Delta R.T. 0.003 min

Lab File: VL041238.D

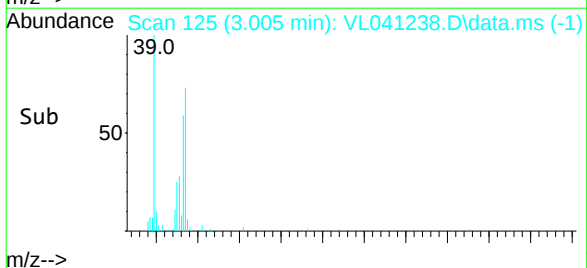
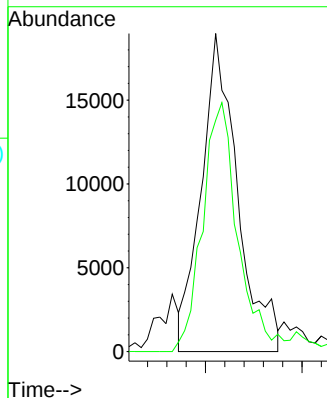
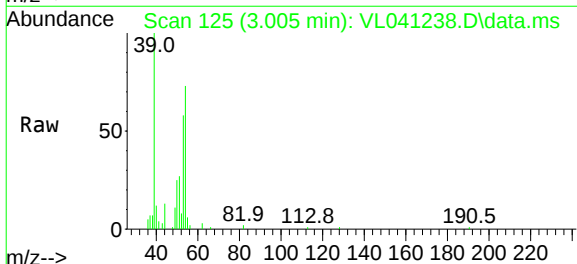
Acq: 8 May 2024 11:18

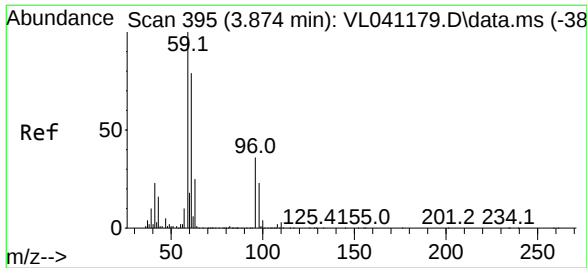
Tgt Ion: 39 Resp: 24711

Ion Ratio Lower Upper

39 100

54 81.8 62.2 93.4





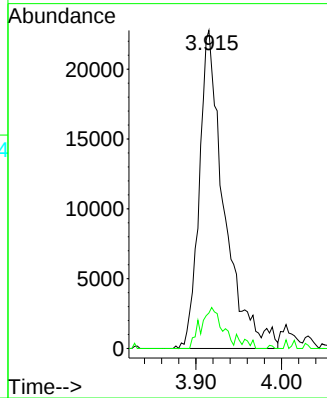
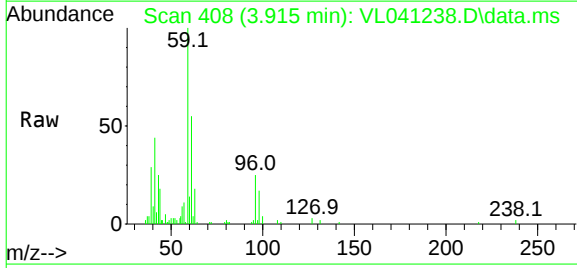
#17
tert-Butyl alcohol
Concen: 0.437 ppbv m
RT: 3.915 min Scan# 408
Delta R.T. 0.019 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 59 Resp: 45887
Ion Ratio Lower Upper
59 100
57 12.7 8.4 12.6

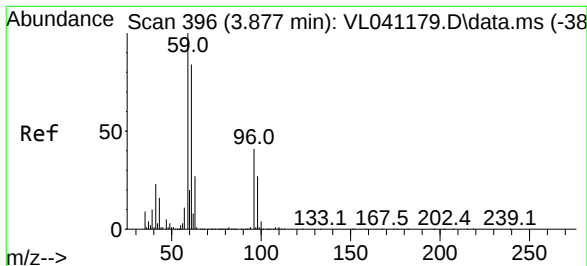
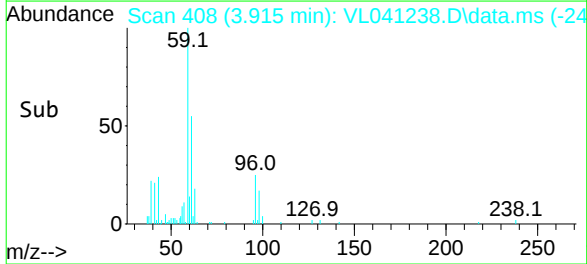
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Supervised By :Mahesh Dadoda 05/09/2024



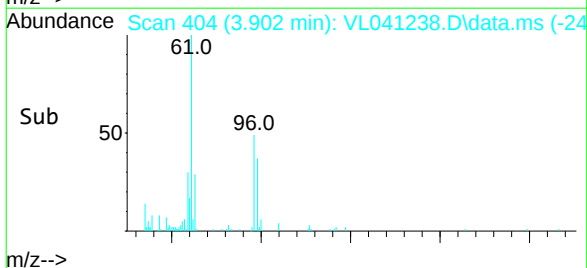
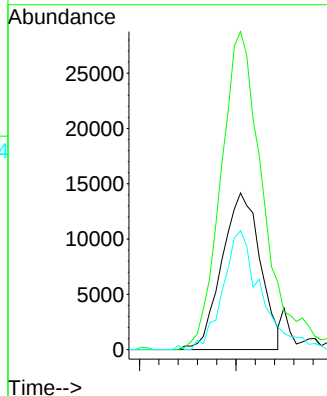
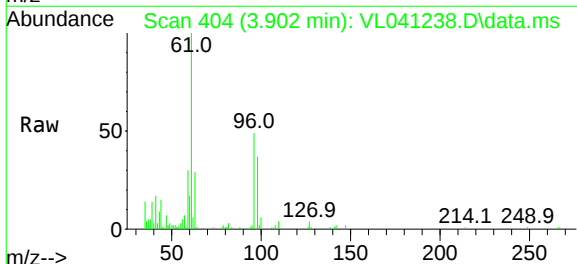
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Dadoda

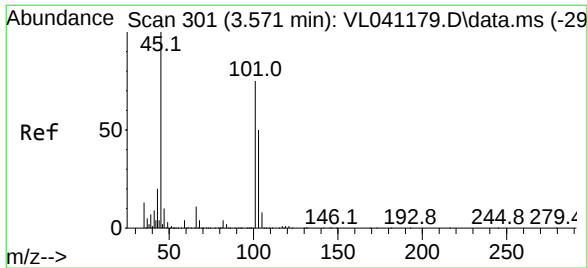
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#18
1,1-Dichloroethene
Concen: 0.523 ppbv
RT: 3.902 min Scan# 404
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

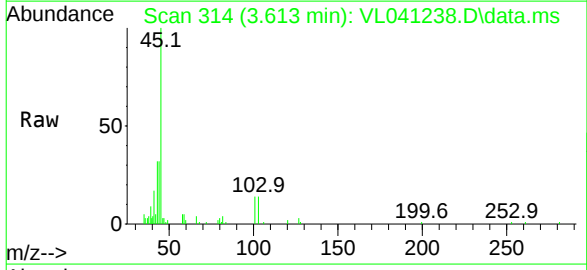
Tgt Ion: 96 Resp: 19543
Ion Ratio Lower Upper
96 100
61 203.2 164.4 246.6
98 73.4 51.8 77.8





#19
Isopropyl Alcohol
Concen: 0.495 ppbv m
RT: 3.613 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

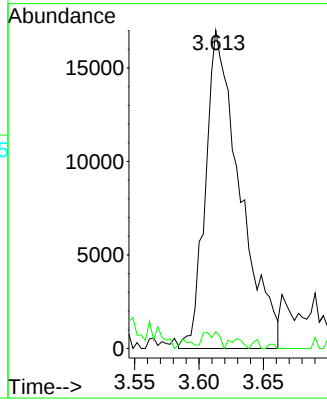
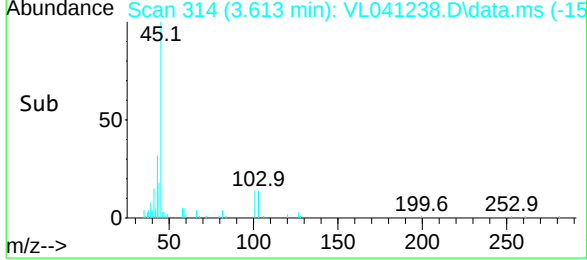
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 45 Resp: 31651
Ion Ratio Lower Upper
45 100
58 5.2 26.8 40.2#

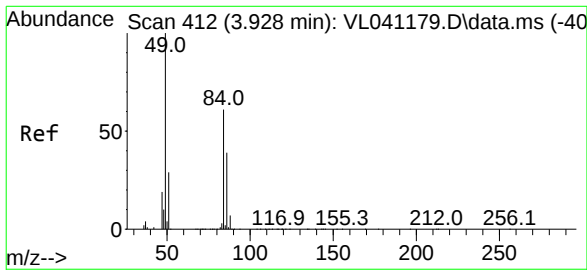
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Supervised By :Mahesh Dadoda 05/09/2024

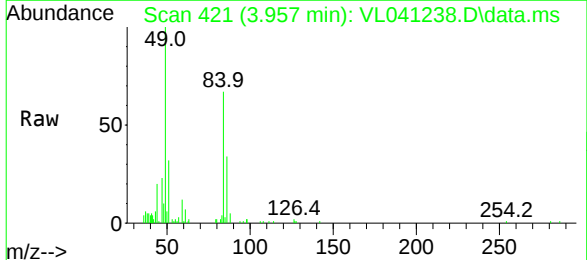


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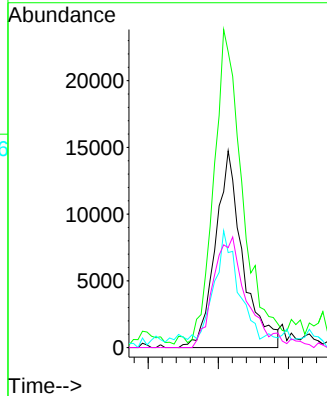
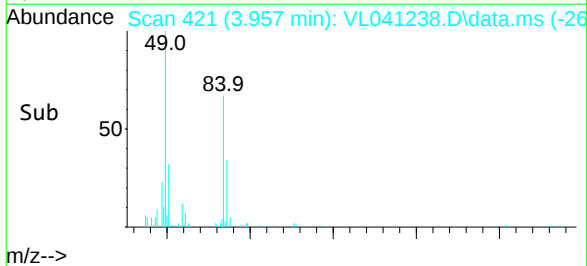
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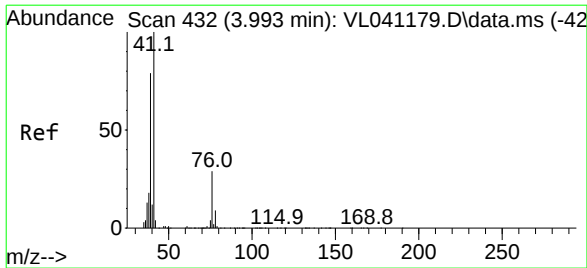


#20
Methylene Chloride
Concen: 0.589 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18



Tgt Ion: 84 Resp: 19952
Ion Ratio Lower Upper
84 100
49 144.6 130.4 195.6
51 43.3 38.0 57.0
86 50.8 50.3 75.5





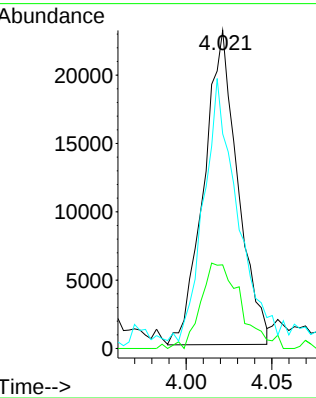
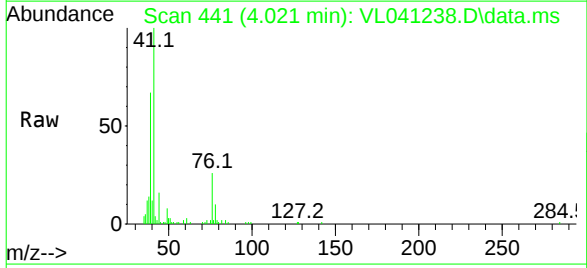
#21
Allyl Chloride
Concen: 0.498 ppbv
RT: 4.021 min Scan# 441
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 41 Resp: 31629
Ion Ratio Lower Upper
41 100
76 32.8 23.7 35.5
39 98.2 64.7 97.1#

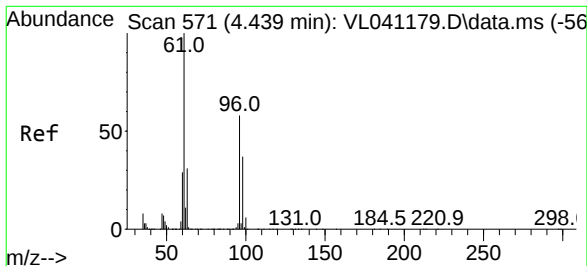
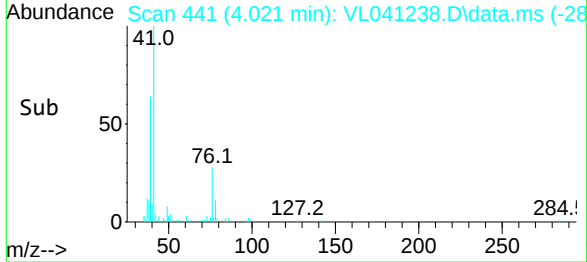
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Supervised By :Mahesh Dadoda 05/09/2024



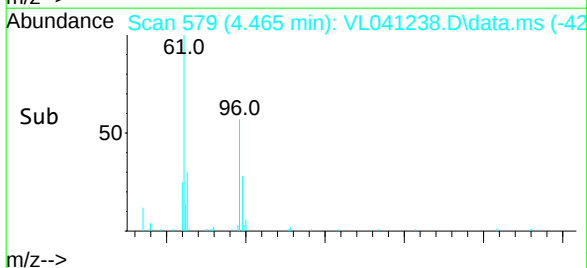
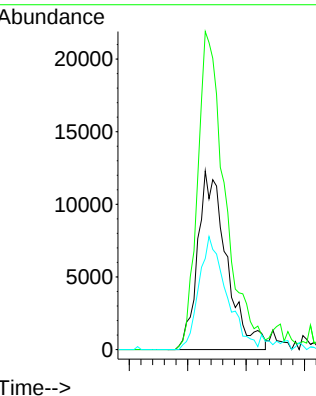
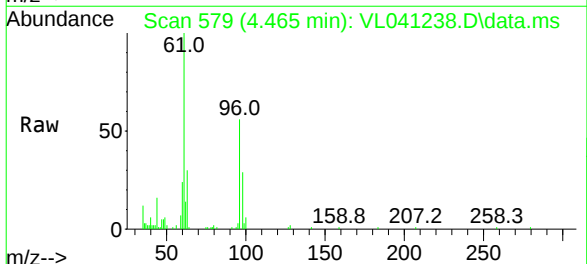
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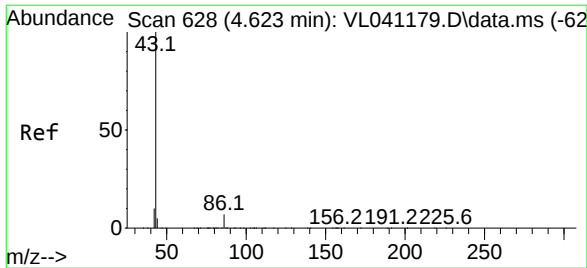
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#22
trans-1,2-Dichloroethene
Concen: 0.545 ppbv m
RT: 4.465 min Scan# 579
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

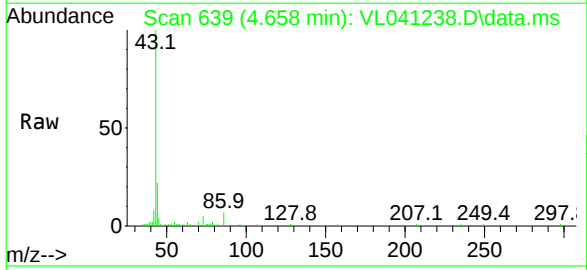
Tgt Ion: 96 Resp: 21210
Ion Ratio Lower Upper
96 100
61 178.0 137.6 206.4
98 51.0 50.6 76.0





#23
 Vinyl Acetate
 Concen: 0.460 ppbv m
 RT: 4.658 min Scan# 63
 Delta R.T. 0.013 min
 Lab File: VL041238.D
 Acq: 8 May 2024 11:18

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2024



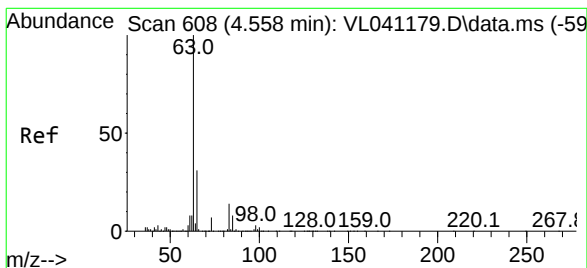
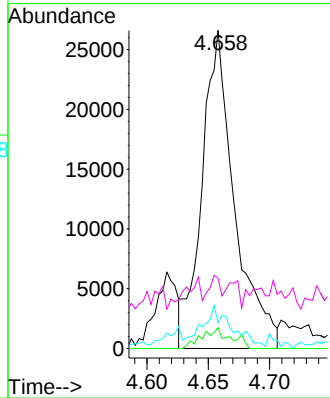
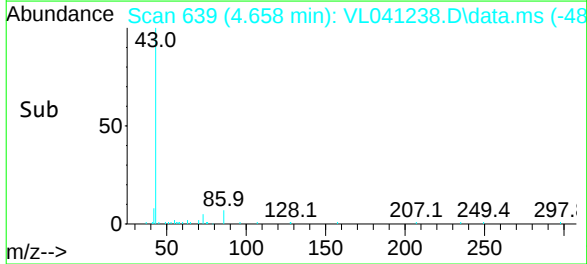
Tgt Ion	Ratio	Lower	Upper
43	100		
86	6.6	4.9	7.3
42	8.1	8.0	12.0
44	22.1	3.7	5.5#

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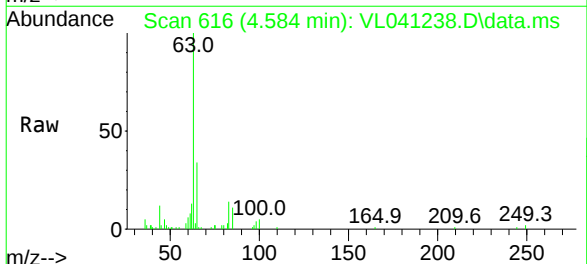
Reviewed By :Semsettin Yesilyurt 05/09/2024
 Supervised By :Mahesh Dadoda 05/09/2024

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 Supervised By :Mahesh
 Dadoda

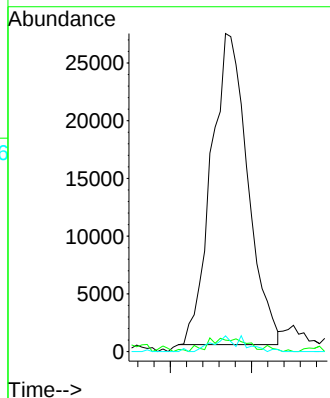
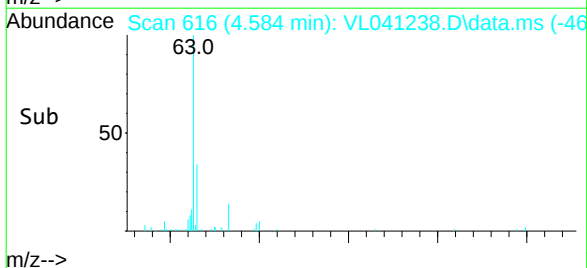
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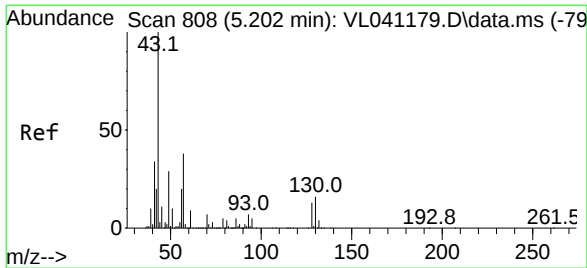


#24
 1,1-Dichloroethane
 Concen: 0.504 ppbv
 RT: 4.584 min Scan# 616
 Delta R.T. -0.000 min
 Lab File: VL041238.D
 Acq: 8 May 2024 11:18



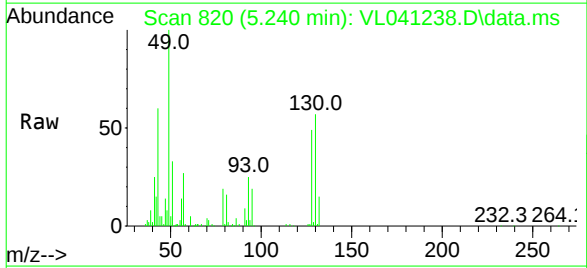
Tgt Ion	Ratio	Lower	Upper
63	100		
98	3.0	1.6	4.8
100	5.1	1.1	3.5#





#25
Ethyl Acetate
Concen: 0.506 ppbv
RT: 5.240 min Scan# 82
Delta R.T. 0.019 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



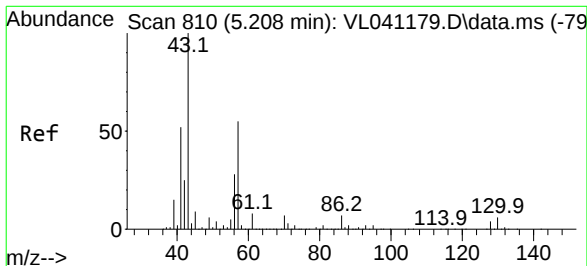
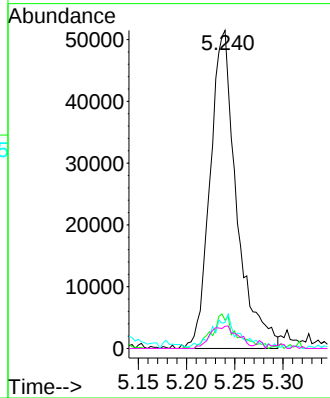
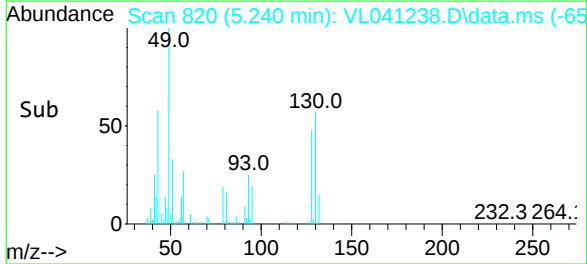
Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.8	8.2	12.2
61	11.3	7.7	11.5
70	8.0	5.8	8.6

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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

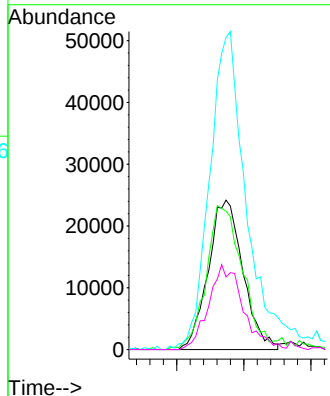
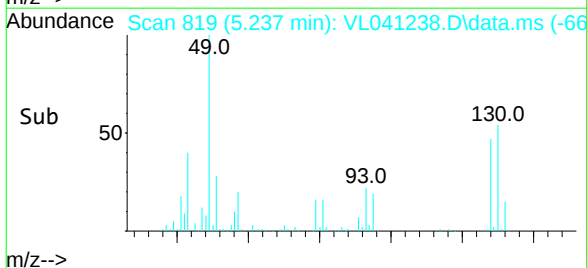
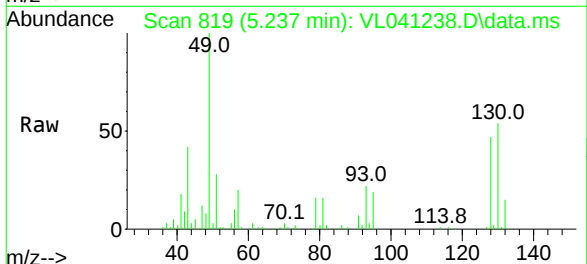
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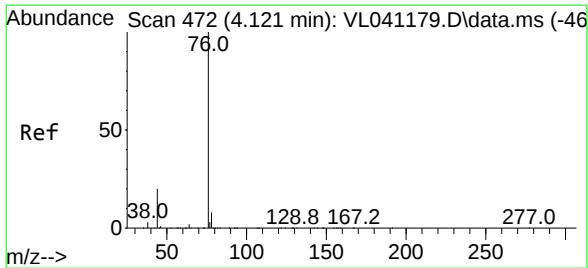
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#26
Hexane
Concen: 0.501 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

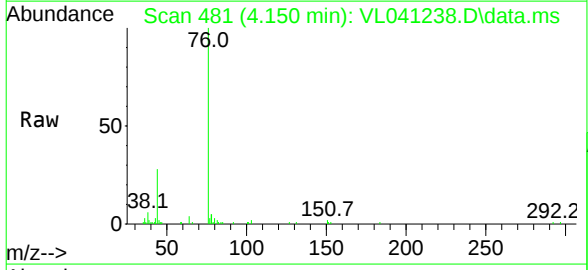
Tgt Ion	Ratio	Lower	Upper
57	100		
41	105.5	75.8	113.8
43	236.8	187.0	280.4
56	58.0	42.7	64.1





#27
Carbon Disulfide
Concen: 0.487 ppbv
RT: 4.150 min Scan# 481
Delta R.T. 0.010 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument : MSVOA_L
Client Sample Id :
LOQ-AIR-02-QT2-2024



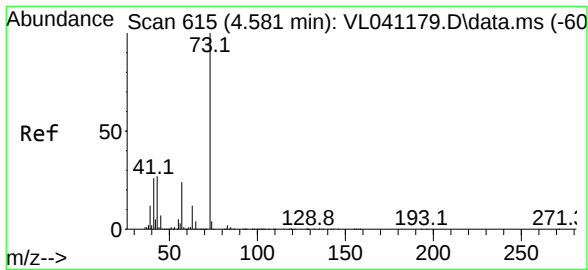
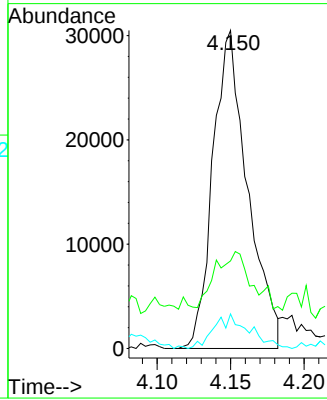
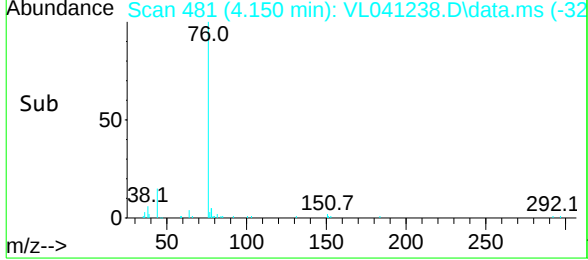
Tgt Ion	Ratio	Lower	Upper
76	100		
44	23.7	16.3	24.5
78	10.9	7.3	10.9

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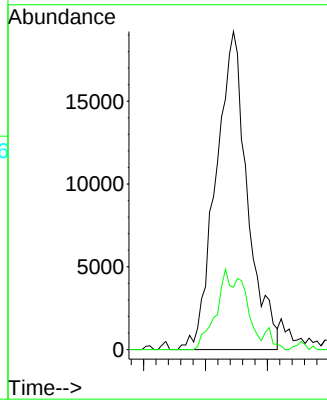
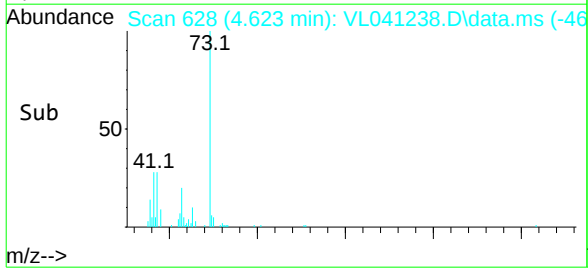
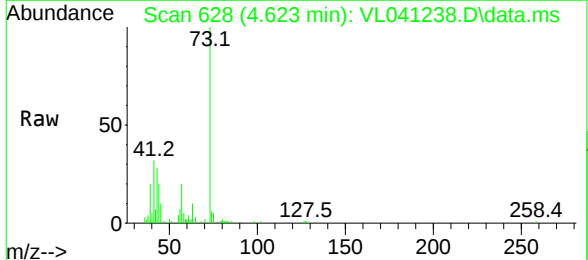
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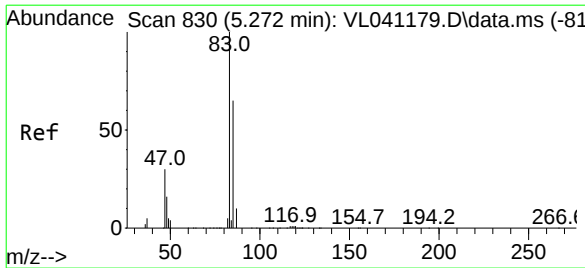
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#28
Methyl tert-Butyl Ether
Concen: 0.491 ppbv m
RT: 4.623 min Scan# 628
Delta R.T. 0.019 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

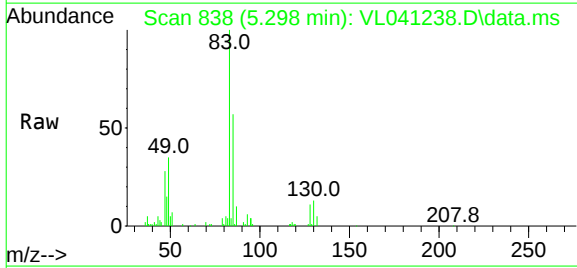
Tgt Ion	Ratio	Lower	Upper
73	100		
57	25.8	18.8	28.2





#29
Chloroform
Concen: 0.603 ppbv
RT: 5.298 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

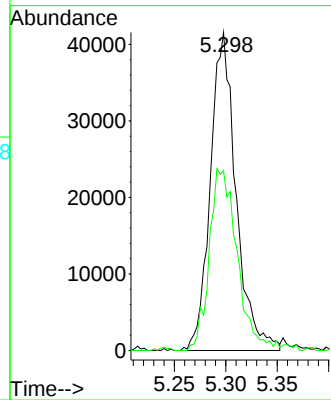
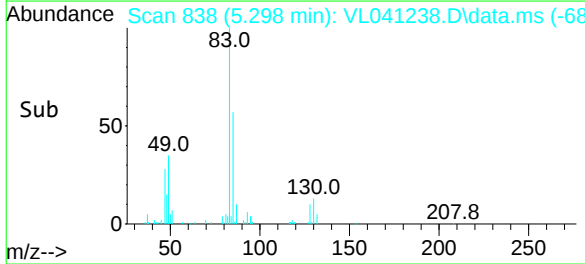
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 83 Resp: 72143
Ion Ratio Lower Upper
83 100
85 56.5 51.7 77.5

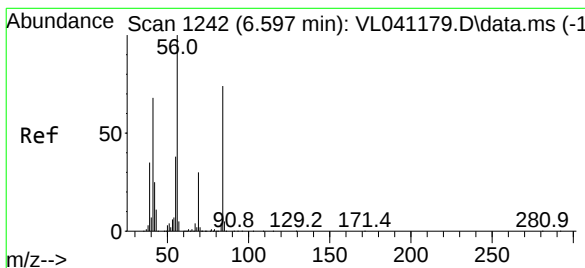
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Supervised By :Mahesh Dadoda 05/09/2024

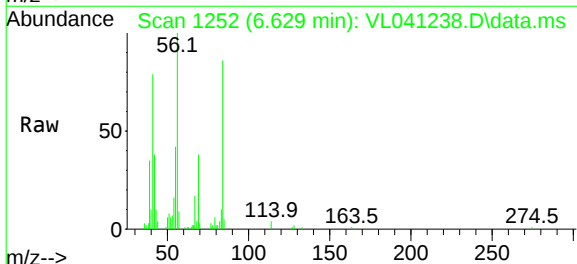


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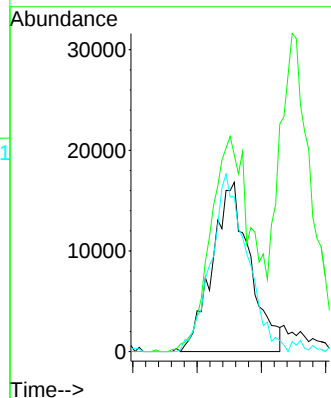
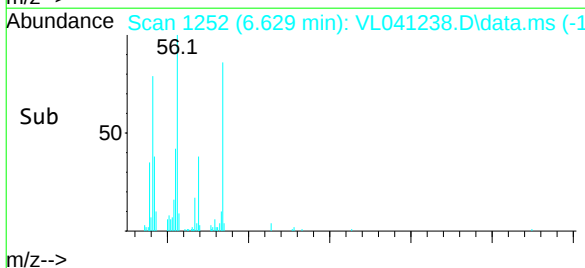
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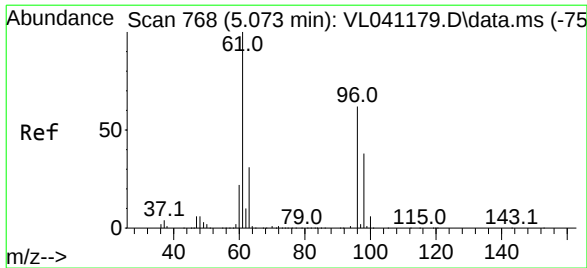


#30
Cyclohexane
Concen: 0.500 ppbv
RT: 6.629 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18



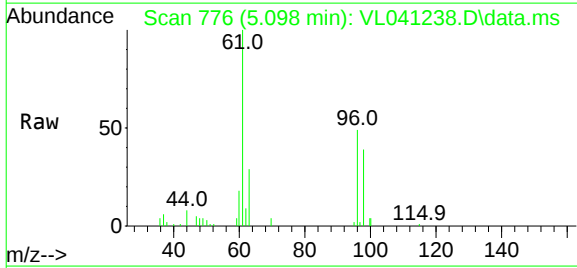
Tgt Ion: 84 Resp: 34325
Ion Ratio Lower Upper
84 100
56 127.8 116.8 175.2
41 103.0 73.8 110.8





#31
 cis-1,2-Dichloroethene
 Concen: 0.490 ppbv
 RT: 5.098 min Scan# 77
 Delta R.T. 0.003 min
 Lab File: VL041238.D
 Acq: 8 May 2024 11:18

Instrument :
 MSVOA_L
 ClientSampleId :
 LOQ-AIR-02-QT2-2024



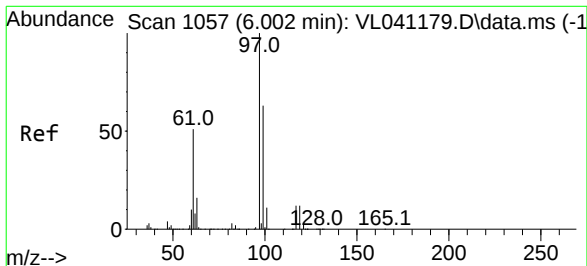
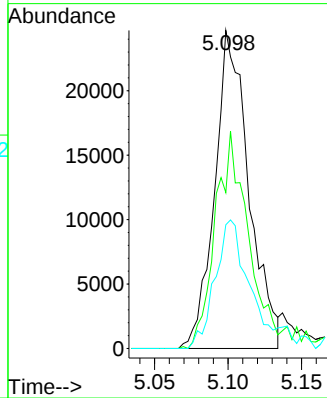
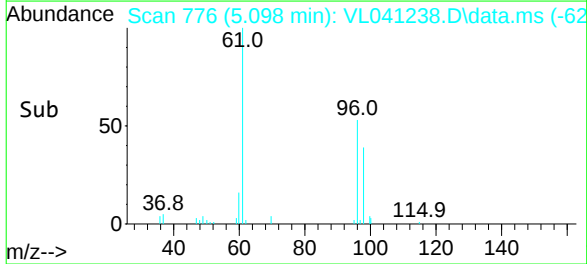
Tgt Ion: 61 Resp: 39796
 Ion Ratio Lower Upper
 61 100
 96 49.0 49.8 74.6#
 98 38.9 30.0 45.0

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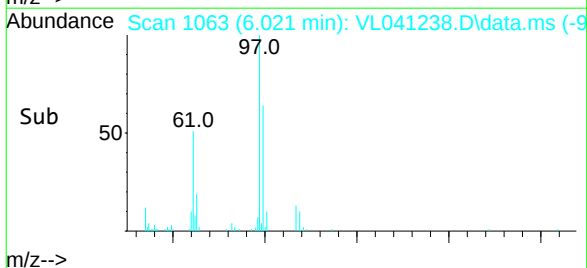
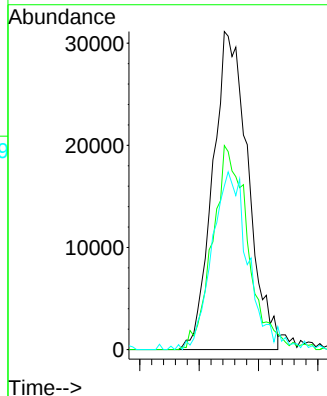
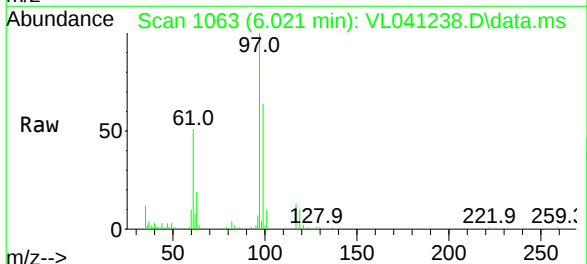
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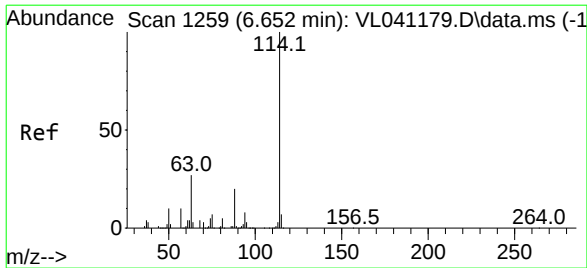
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#32
 1,1,1-Trichloroethane
 Concen: 0.539 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VL041238.D
 Acq: 8 May 2024 11:18

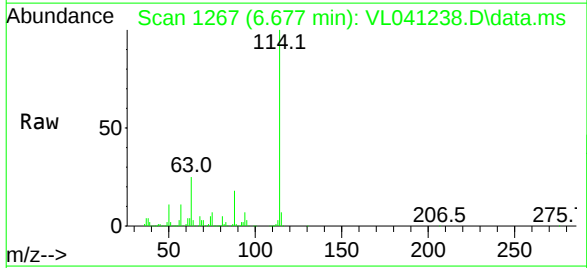
Tgt Ion: 97 Resp: 64386
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.7 77.5
 61 58.4 41.1 61.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.677 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



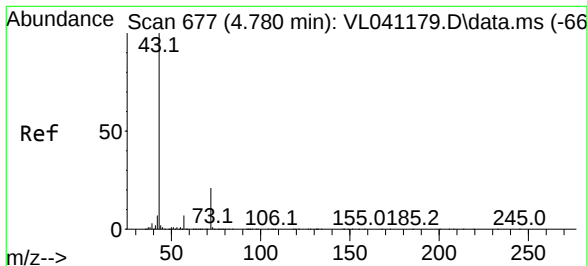
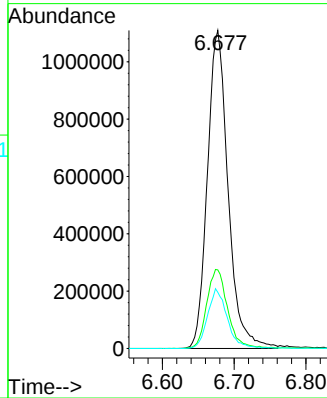
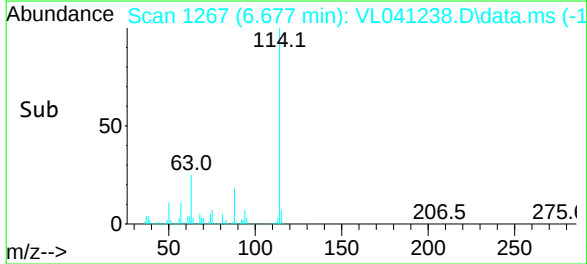
Tgt Ion:114 Resp: 2224017
Ion Ratio Lower Upper
114 100
63 25.4 21.8 32.6
88 18.1 15.2 22.8

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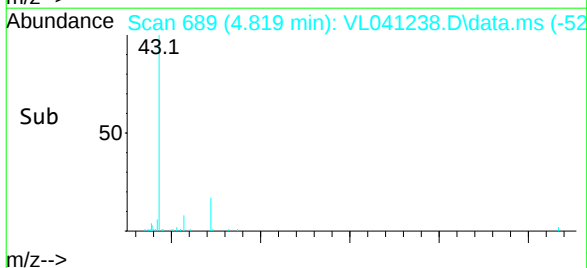
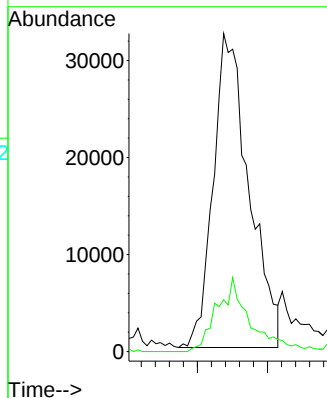
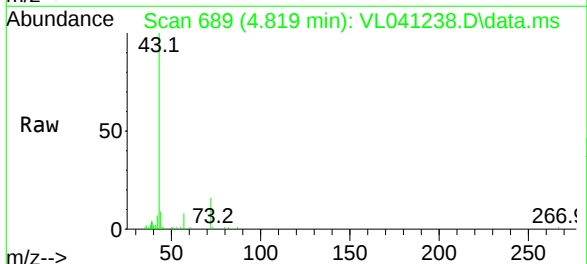
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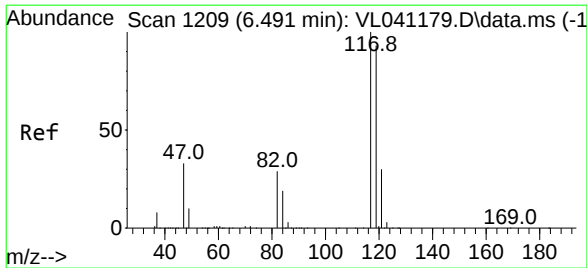
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#34
2-Butanone
Concen: 0.507 ppbv
RT: 4.819 min Scan# 689
Delta R.T. 0.016 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion: 43 Resp: 57349
Ion Ratio Lower Upper
43 100
72 22.0 17.3 25.9





#35

Carbon Tetrachloride

Concen: 0.497 ppbv

RT: 6.520 min Scan# 12

Delta R.T. 0.006 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024

Tgt Ion:	117	Resp:	62065
Ion Ratio	Lower	Upper	
117	100		
119	87.1	74.3	111.5
121	31.5	23.8	35.8

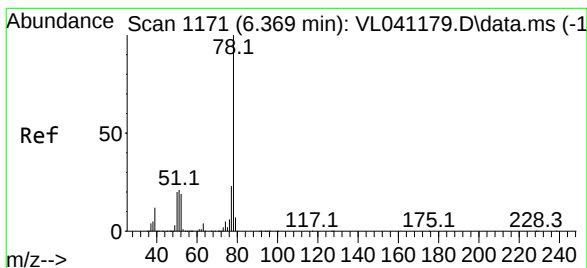
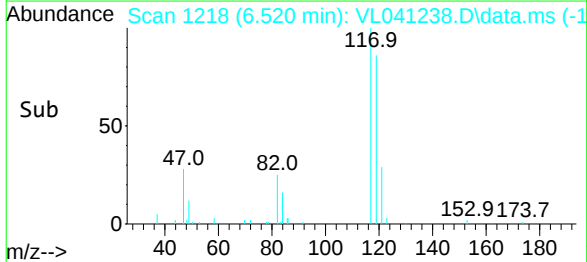
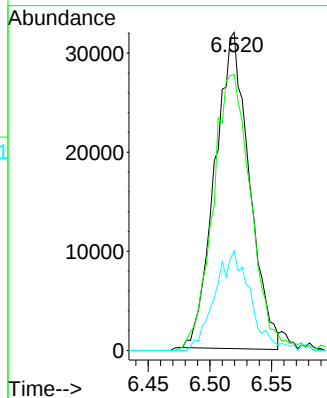
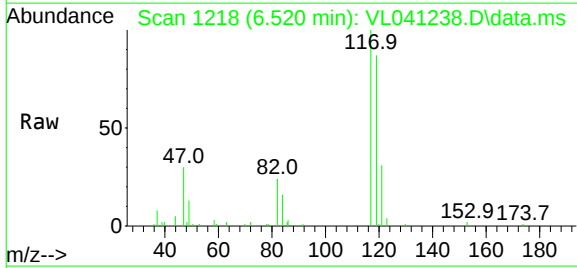
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#36

Benzene

Concen: 0.472 ppbv

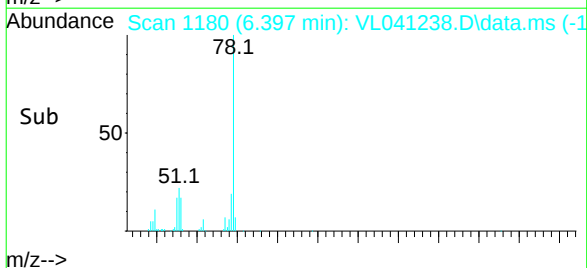
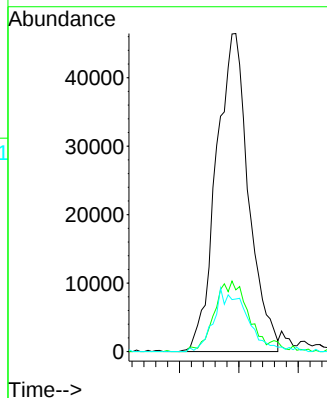
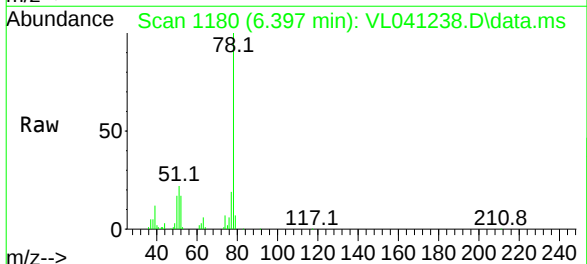
RT: 6.397 min Scan# 1180

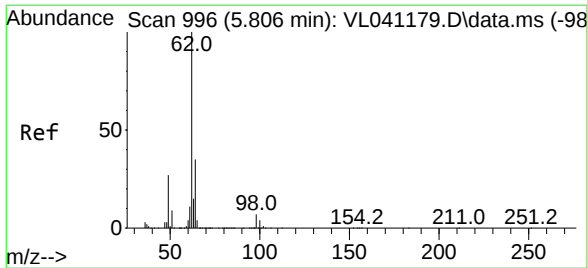
Delta R.T. 0.006 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Tgt Ion:	78	Resp:	88130
Ion Ratio	Lower	Upper	
78	100		
77	19.4	18.3	27.5
50	16.5	15.9	23.9





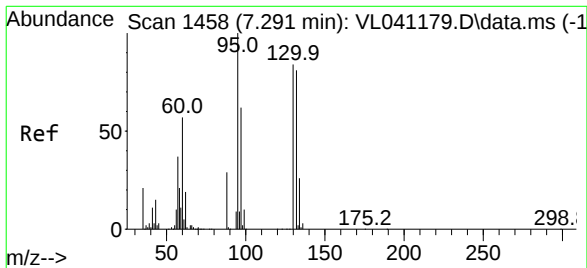
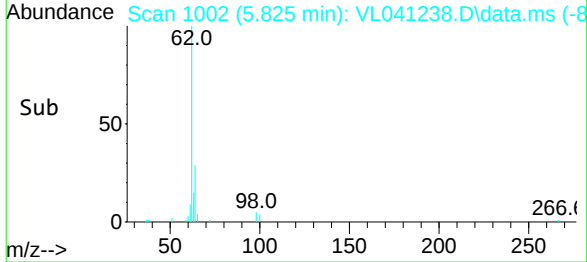
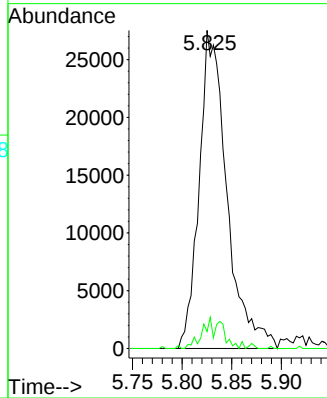
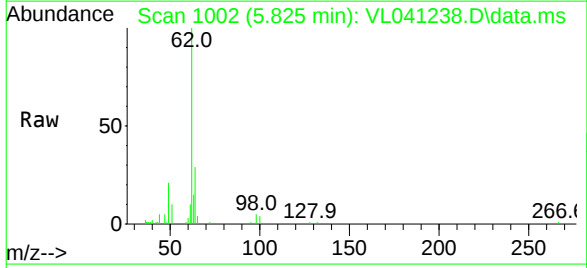
#37
1,2-Dichloroethane
Concen: 0.548 ppbv m
RT: 5.825 min Scan# 10
Delta R.T. -0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 62 Resp: 53317
Ion Ratio Lower Upper
62 100
98 7.4 5.0 7.4

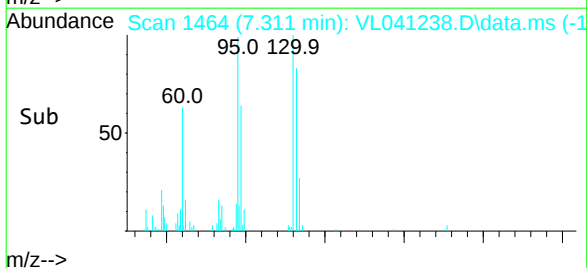
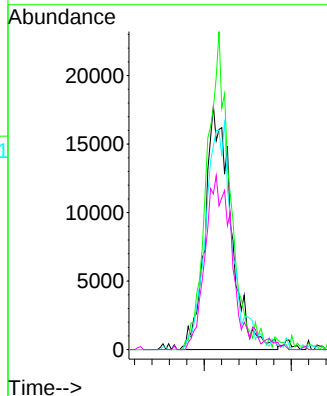
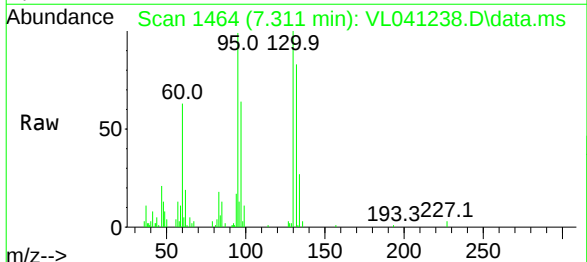
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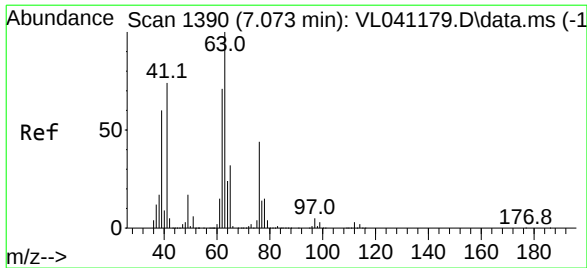
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#38
Trichloroethene
Concen: 0.529 ppbv m
RT: 7.311 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

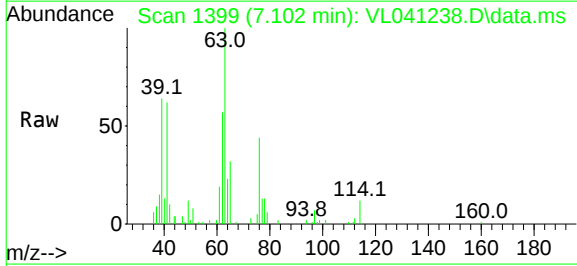
Tgt Ion:130 Resp: 36813
Ion Ratio Lower Upper
130 100
95 99.0 95.0 142.6
132 83.5 77.0 115.4
97 63.8 59.1 88.7





#39
1,2-Dichloropropane
Concen: 0.525 ppbv m
RT: 7.102 min Scan# 1390
Delta R.T. 0.010 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

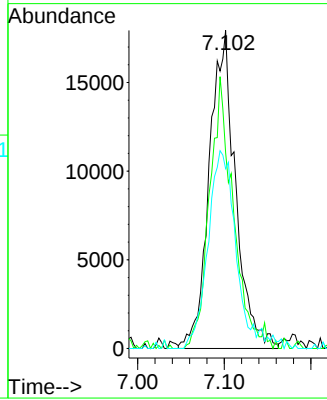
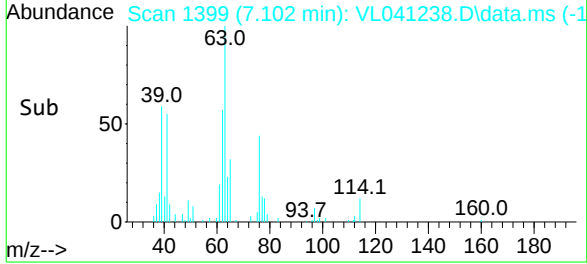
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 63 Resp: 37787
Ion Ratio Lower Upper
63 100
41 61.6 59.4 89.0
62 56.5 56.8 85.2#

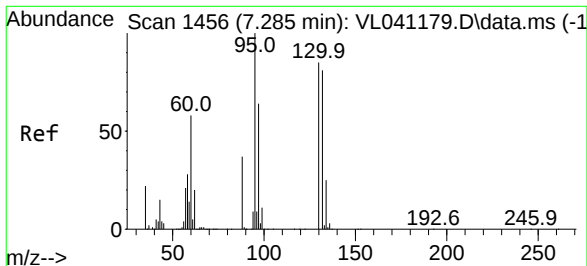
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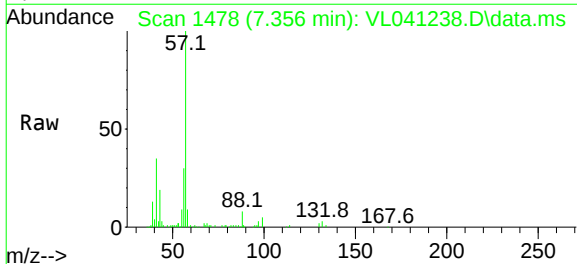


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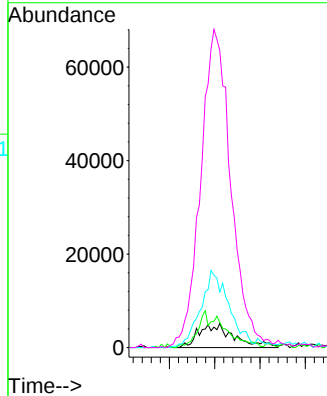
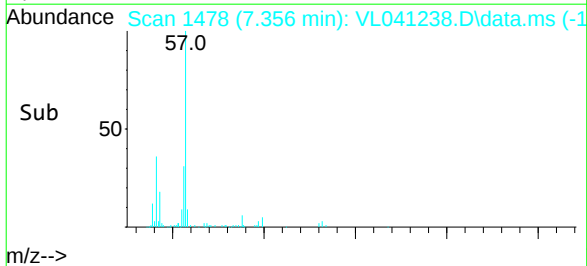
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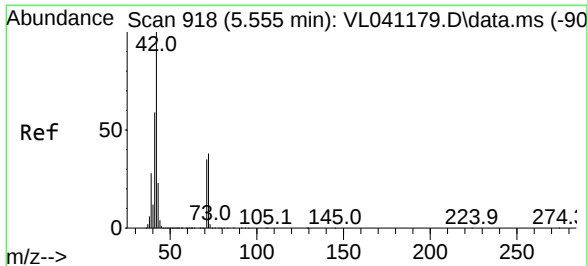


#40
1,4-Dioxane
Concen: 0.531 ppbv m
RT: 7.356 min Scan# 1478
Delta R.T. 0.055 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18



Tgt Ion: 88 Resp: 13639
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#





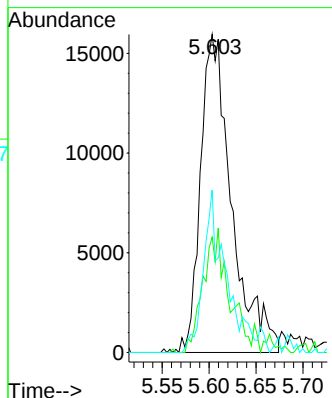
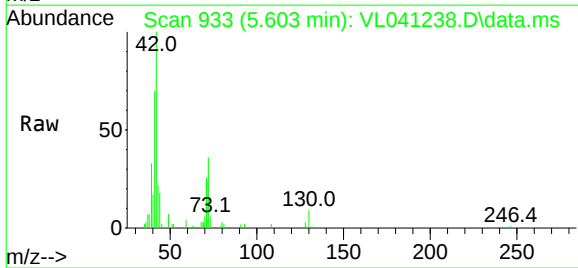
#41
Tetrahydrofuran
Concen: 0.446 ppbv m
RT: 5.603 min Scan# 93
Delta R.T. 0.026 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion	Ratio	Lower	Upper
42	100		
72	0.0	29.4	44.0#
71	38.9	29.1	43.7

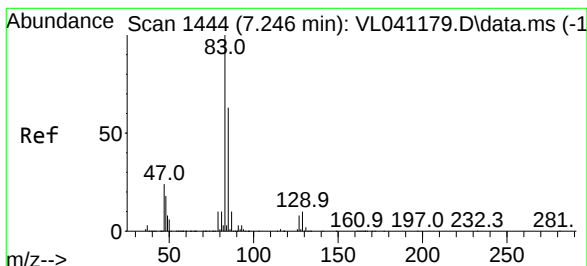
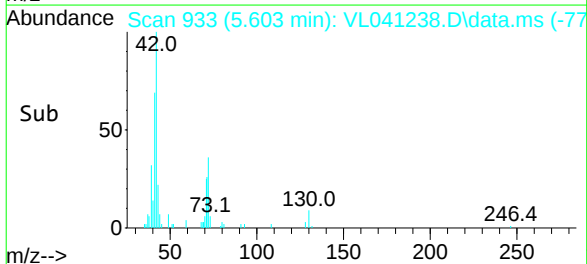
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Supervised By :Mahesh Dadoda 05/09/2024



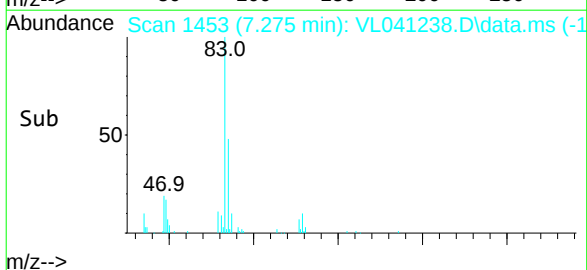
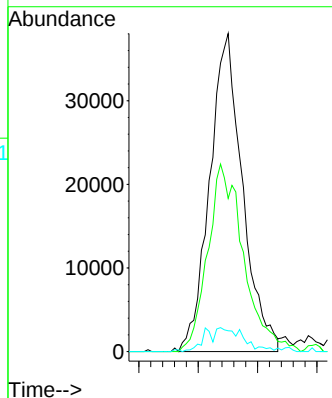
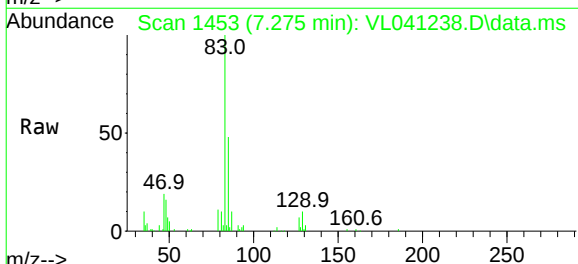
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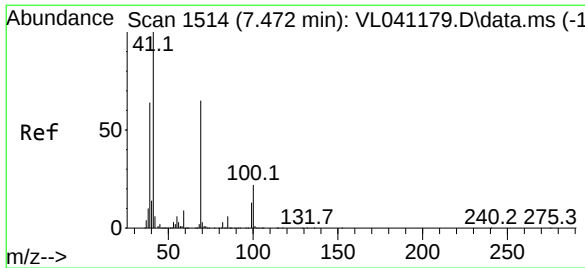
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#42
Bromodichloromethane
Concen: 0.523 ppbv
RT: 7.275 min Scan# 1453
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	48.2	50.6	75.8#
127	6.0	6.2	9.4#





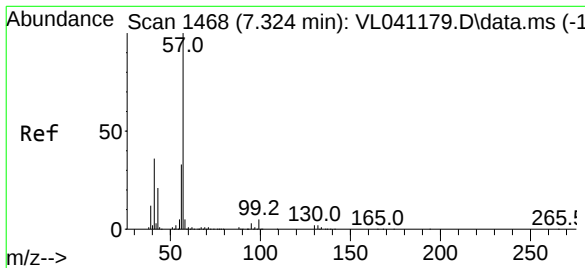
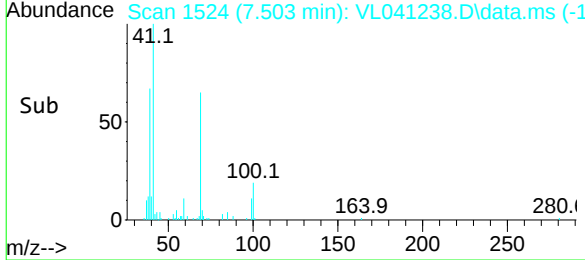
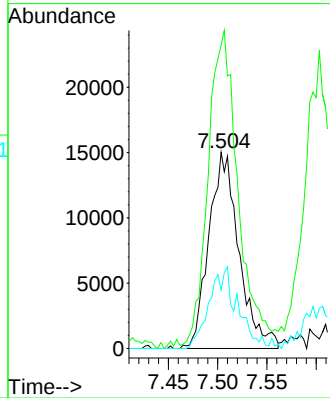
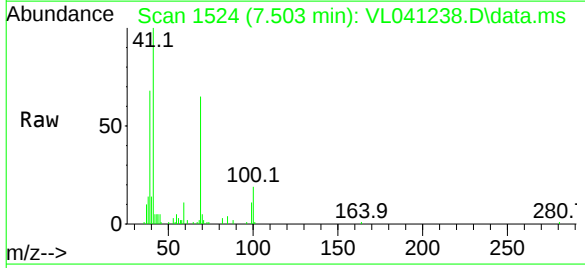
#43
Methyl Methacrylate
Concen: 0.422 ppbv m
RT: 7.503 min Scan# 1514
Delta R.T. 0.010 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 69 Resp: 31848
Ion Ratio Lower Upper
69 100
41 166.5 125.2 187.8
100 39.5 26.7 40.1

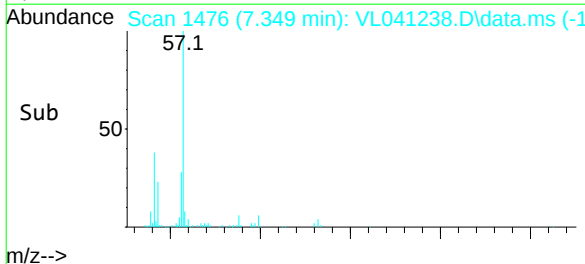
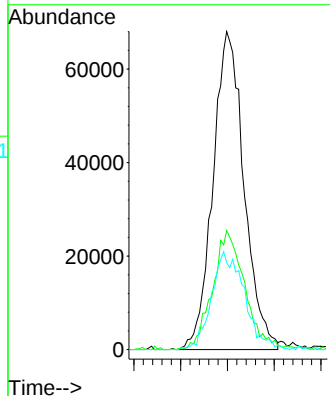
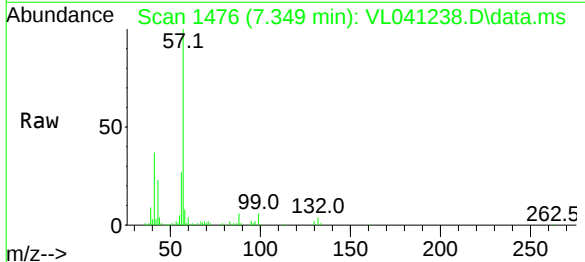
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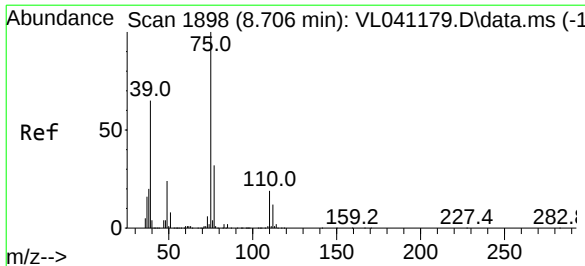
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#44
2,2,4-Trimethylpentane
Concen: 0.488 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion: 57 Resp: 156979
Ion Ratio Lower Upper
57 100
41 39.1 29.5 44.3
56 32.8 25.3 37.9





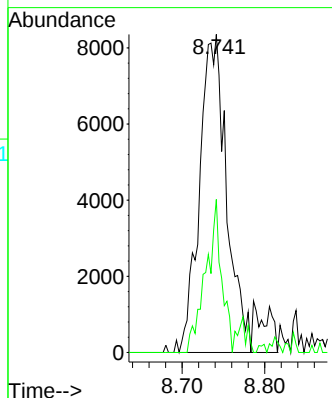
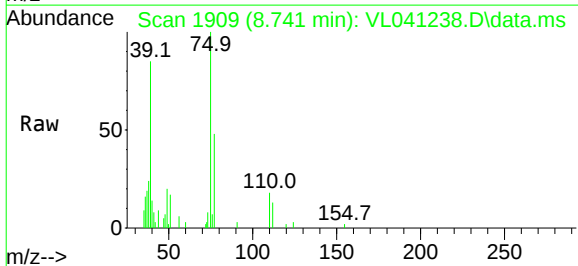
#45
t-1,3-Dichloropropene
Concen: 0.375 ppbv m
RT: 8.741 min Scan# 1909
Delta R.T. 0.009 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 75 Resp: 20529
Ion Ratio Lower Upper
75 100
77 48.1 25.6 38.4#

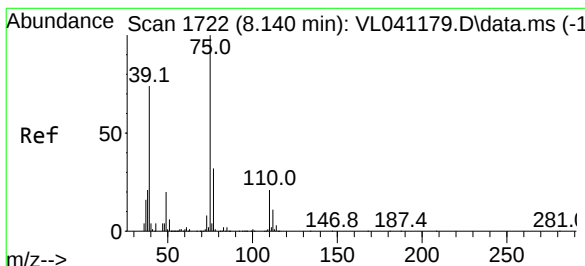
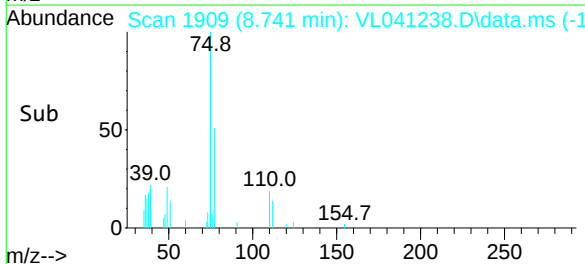
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Supervised By :Mahesh Dadoda 05/09/2024



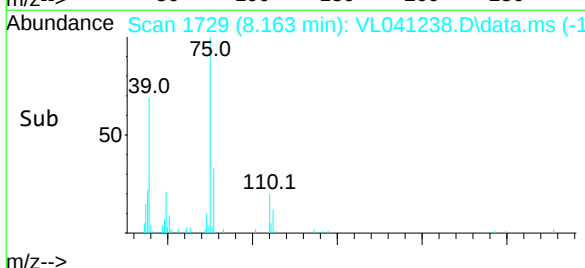
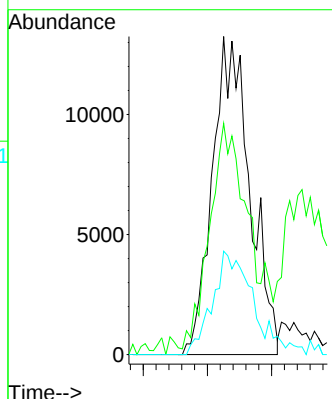
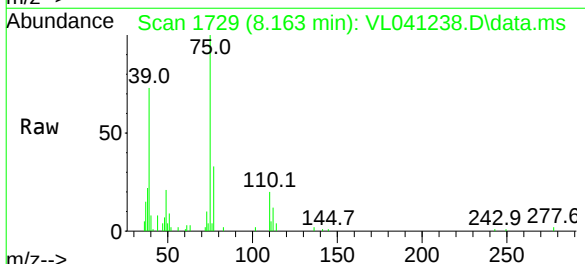
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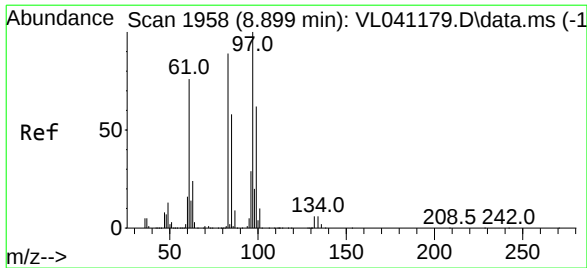
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#46
cis-1,3-Dichloropropene
Concen: 0.401 ppbv m
RT: 8.163 min Scan# 1729
Delta R.T. -0.000 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion: 75 Resp: 26825
Ion Ratio Lower Upper
75 100
39 72.7 59.4 89.2
77 32.5 25.9 38.9





#47
1,1,2-Trichloroethane
Concen: 0.544 ppbv m
RT: 8.925 min Scan# 1958
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

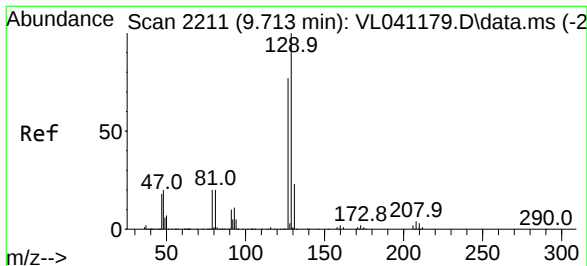
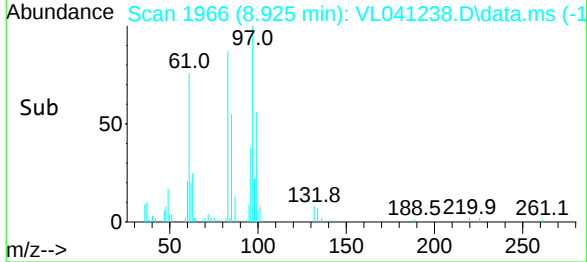
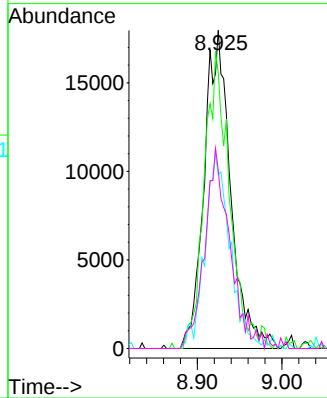
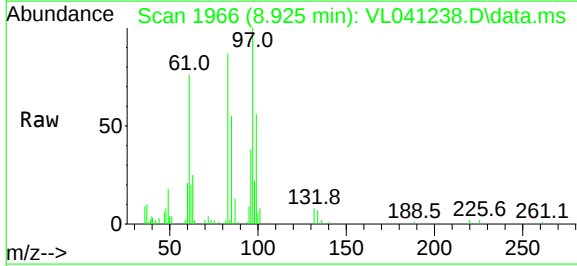
Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.7	71.2	106.8
85	54.6	46.0	69.0
99	56.0	49.7	74.5

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Supervised By :Mahesh Dadoda 05/09/2024

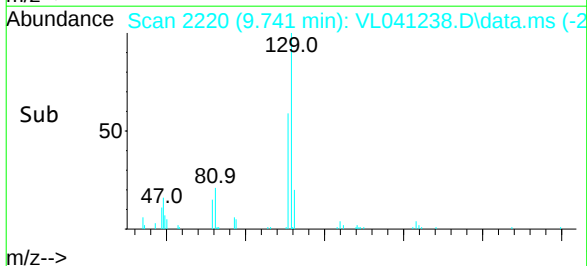
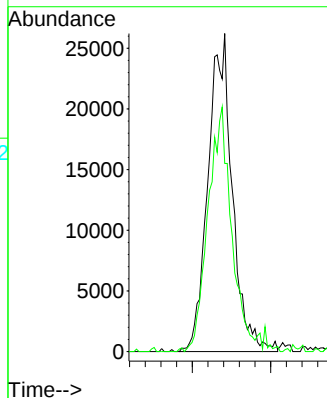
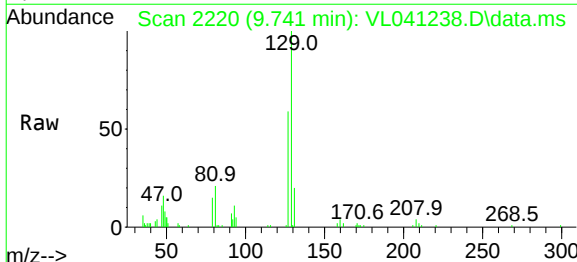
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Dadoda

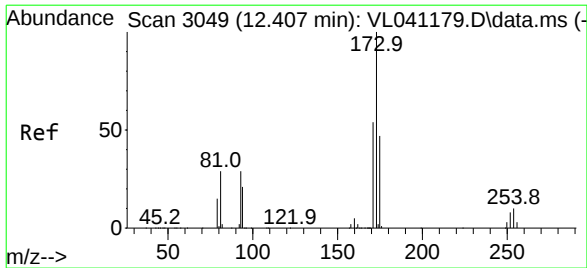
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#48
Dibromochloromethane
Concen: 0.491 ppbv m
RT: 9.741 min Scan# 2220
Delta R.T. 0.010 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

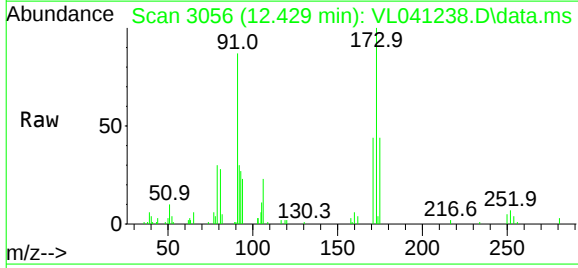
Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.8	39.1	117.5





#49
Bromoform
Concen: 0.423 ppbv
RT: 12.429 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



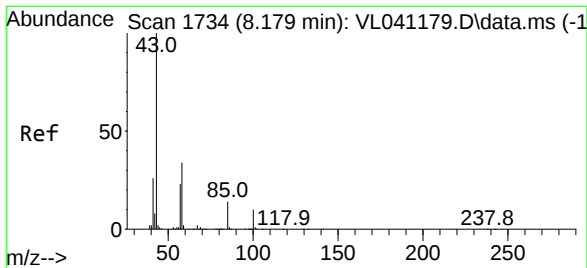
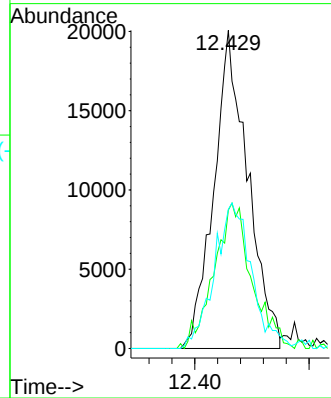
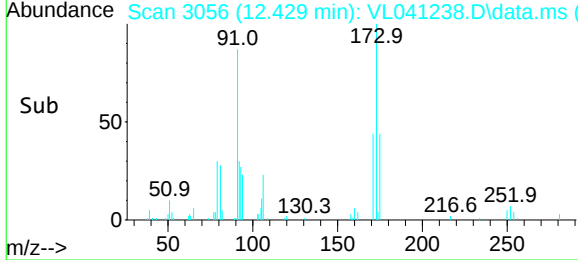
Tgt Ion: 173 Resp: 41297
Ion Ratio Lower Upper
173 100
175 51.3 39.8 59.8
171 51.3 41.8 62.8

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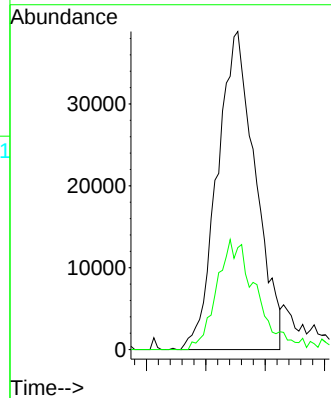
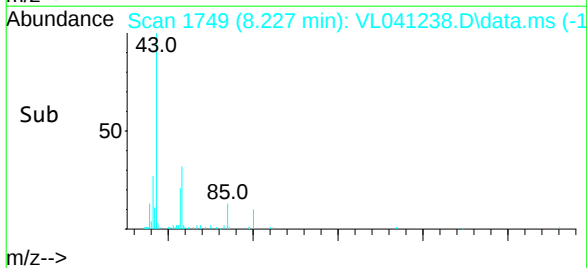
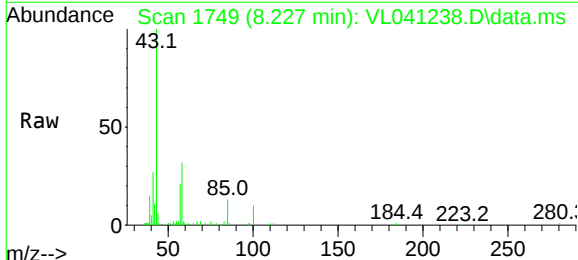
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Dadoda

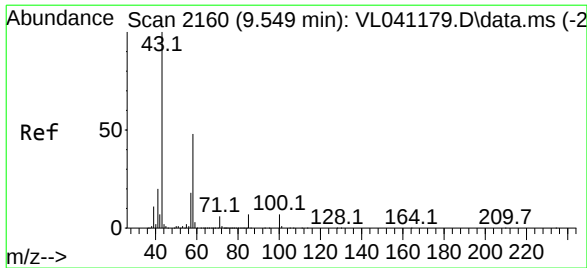
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#50
4-Methyl-2-Pentanone
Concen: 0.427 ppbv
RT: 8.227 min Scan# 1749
Delta R.T. 0.026 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

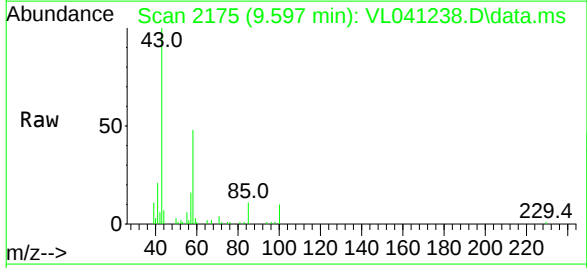
Tgt Ion: 43 Resp: 86800
Ion Ratio Lower Upper
43 100
58 36.2 27.7 41.5





#51
2-Hexanone
Concen: 0.425 ppbv m
RT: 9.597 min Scan# 2160
Delta R.T. 0.029 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument : MSVOA_L
ClientSampleId :
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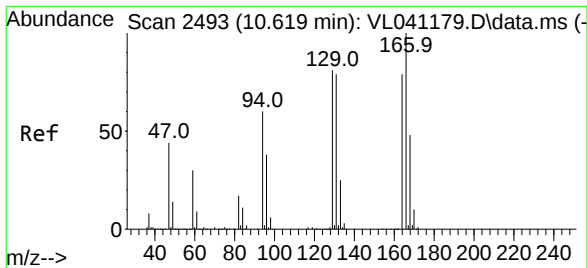
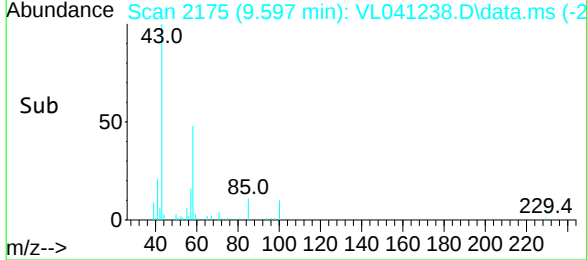
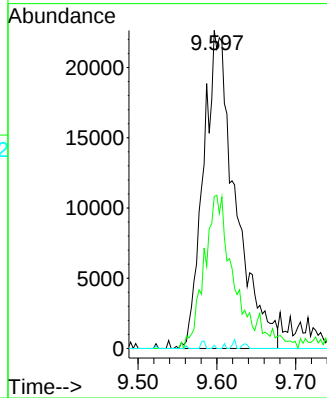
Tgt Ion: 43 Resp: 64107
Ion Ratio Lower Upper
43 100
58 0.0 38.4 57.6#
98 0.4 0.0 0.0#

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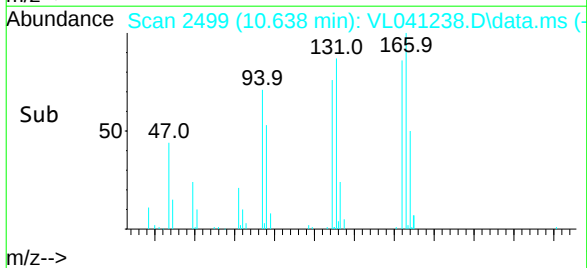
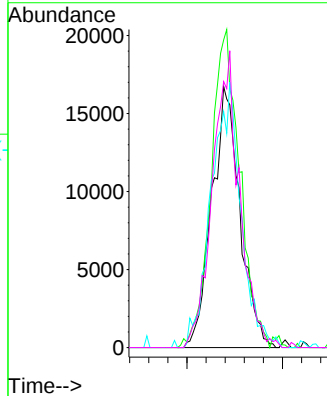
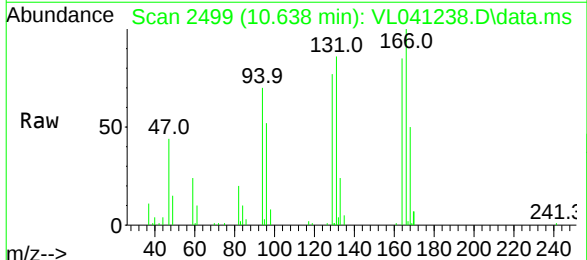
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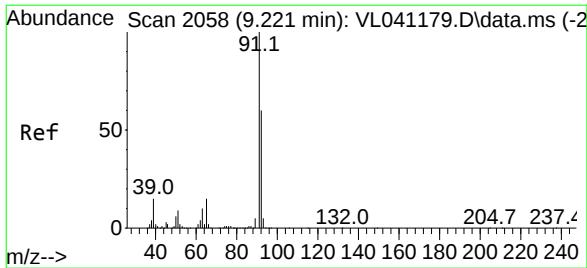
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#52
Tetrachloroethene
Concen: 0.522 ppbv m
RT: 10.638 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

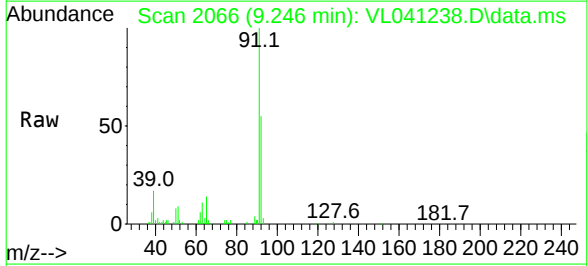
Tgt Ion:164 Resp: 34221
Ion Ratio Lower Upper
164 100
166 117.9 101.1 151.7
129 90.4 81.7 122.5
131 101.9 80.4 120.6





#53
Toluene
Concen: 0.484 ppbv
RT: 9.246 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

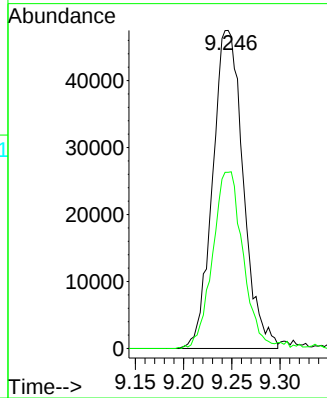
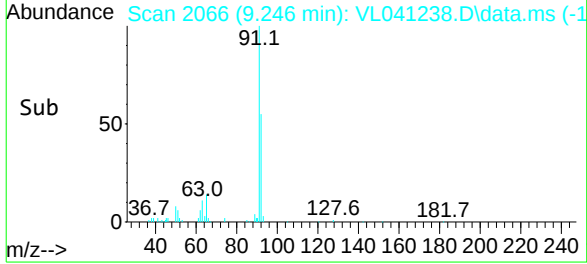
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 91 Resp: 104675
Ion Ratio Lower Upper
91 100
92 56.4 48.2 72.4

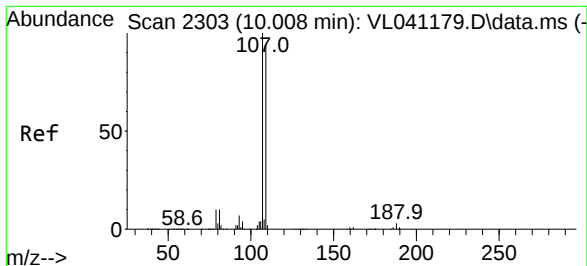
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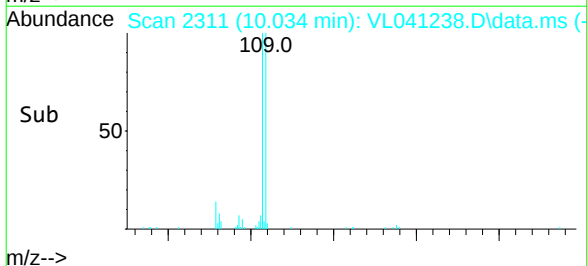
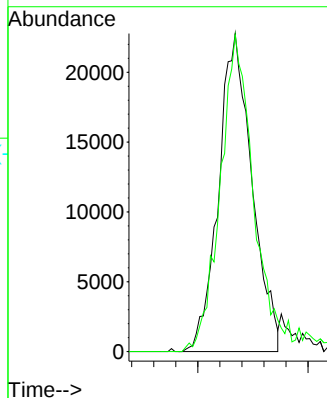
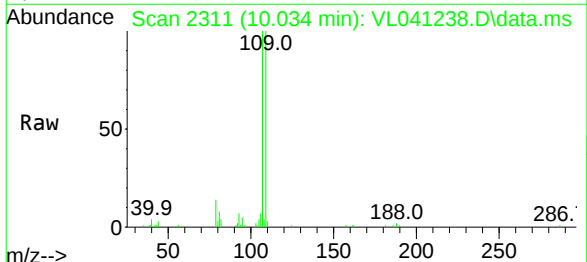
05/09/2024
Supervised By :Mahesh
Dadoda

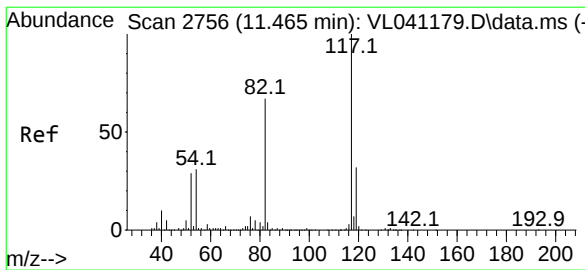
05/09/2024



#54
1,2-Dibromoethane
Concen: 0.492 ppbv
RT: 10.034 min Scan# 2311
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion:107 Resp: 47984
Ion Ratio Lower Upper
107 100
109 99.6 75.2 112.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.490 min Scan# 2756

Delta R.T. 0.003 min

Lab File: VL041238.D

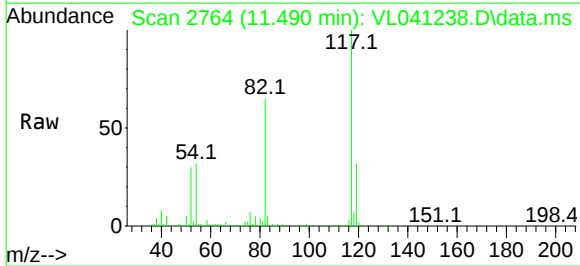
Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024



Tgt Ion:117 Resp: 2064668

Ion Ratio Lower Upper

117 100

82 64.2 53.6 80.4

119 34.0 27.2 40.8

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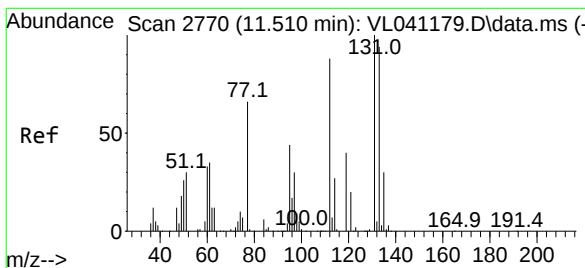
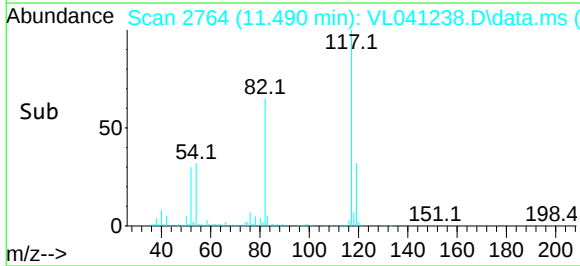
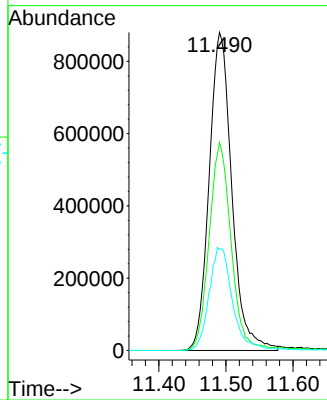
Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024

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Supervised By :Mahesh
Dadoda

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#56

1,1,1,2-Tetrachloroethane

Concen: 0.545 ppbv

RT: 11.532 min Scan# 2777

Delta R.T. 0.003 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

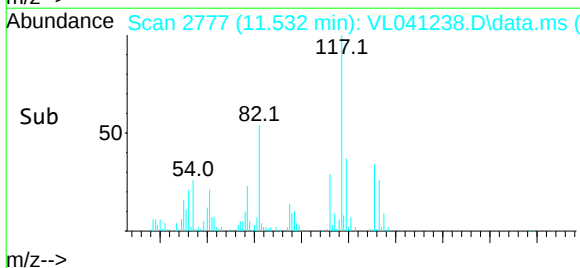
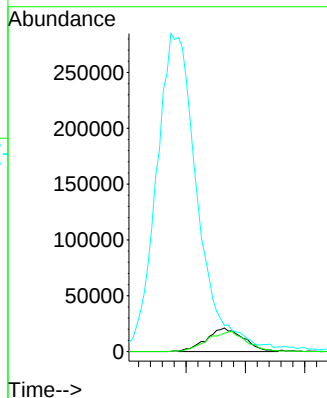
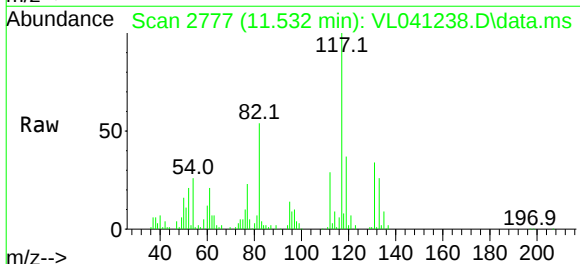
Tgt Ion:131 Resp: 45607

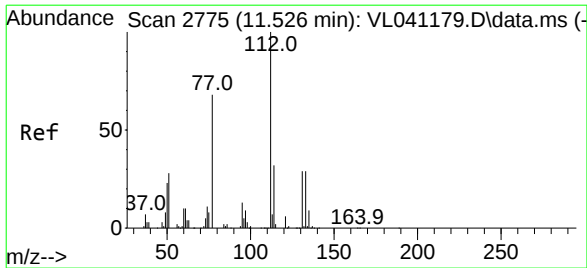
Ion Ratio Lower Upper

131 100

133 90.6 76.3 114.5

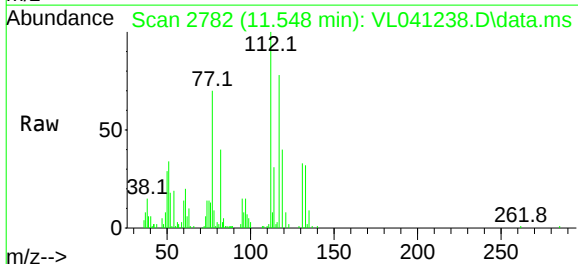
119 1525.2 49.4 74.2#





#57
Chlorobenzene
Concen: 0.531 ppbv
RT: 11.548 min Scan# 2775
Delta R.T. -0.000 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument : MSVOA_L
ClientSampleId : LOQ-AIR-02-QT2-2024



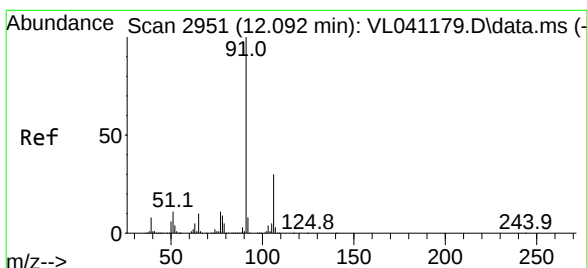
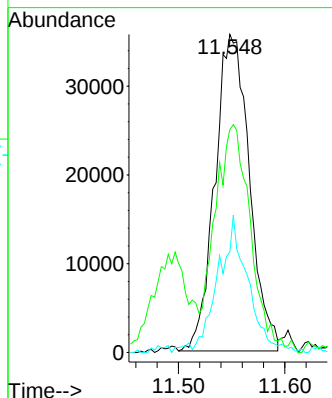
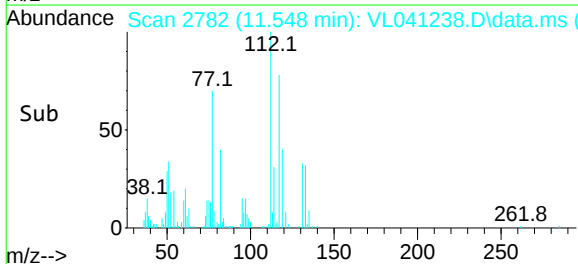
Tgt Ion: 112 Resp: 80353
Ion Ratio Lower Upper
112 100
77 66.8 54.9 82.3
114 30.1 28.7 35.1

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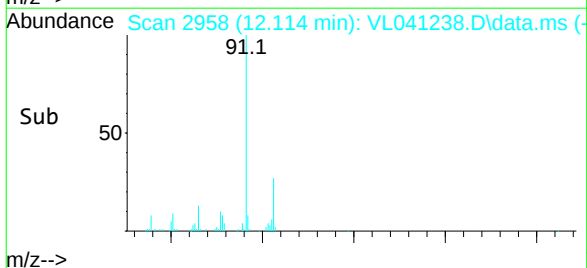
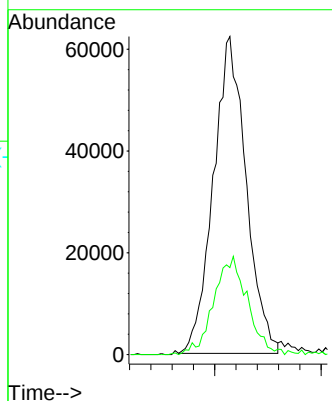
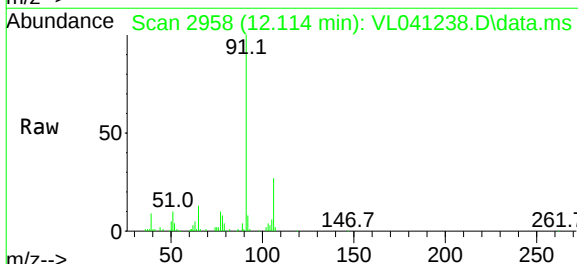
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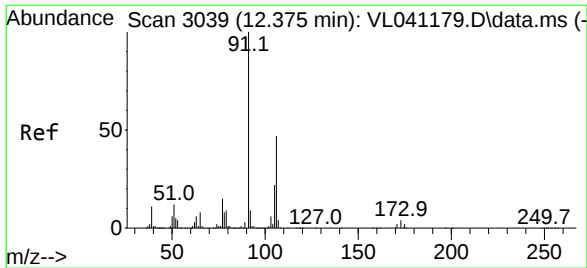
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#58
Ethyl Benzene
Concen: 0.471 ppbv
RT: 12.114 min Scan# 2958
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

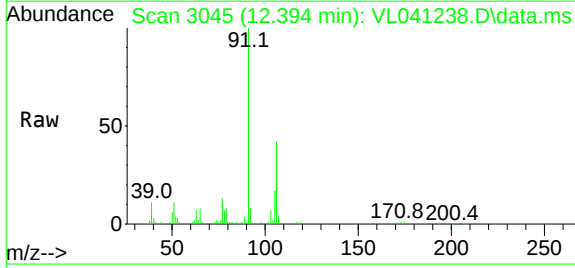
Tgt Ion: 91 Resp: 133372
Ion Ratio Lower Upper
91 100
106 27.5 24.3 36.5





#59
m/p-Xylene
Concen: 1.019 ppbv m
RT: 12.394 min Scan# 3039
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

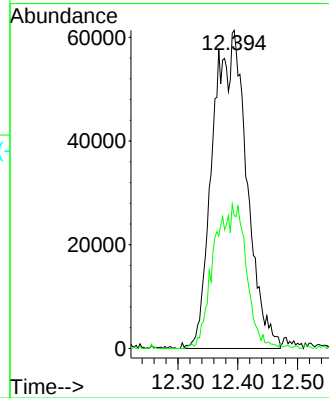
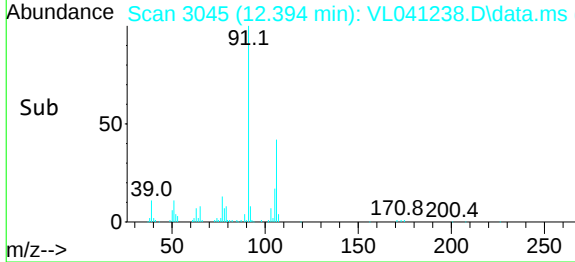
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 91 Resp: 242349
Ion Ratio Lower Upper
91 100
106 43.5 35.7 53.5

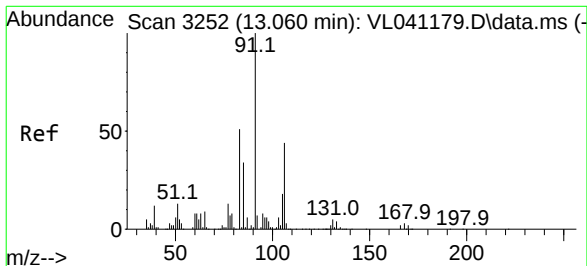
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Supervised By :Mahesh Dadoda 05/09/2024

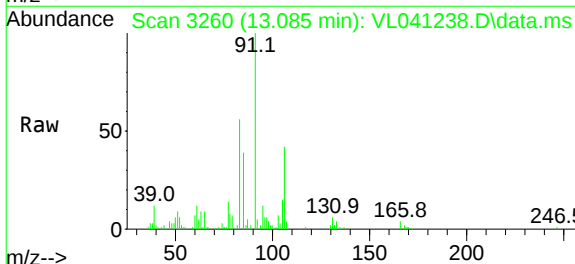


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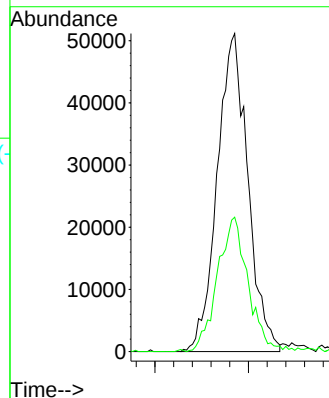
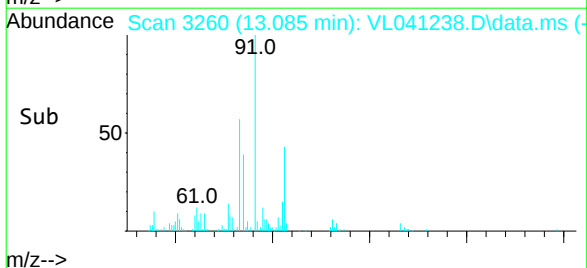
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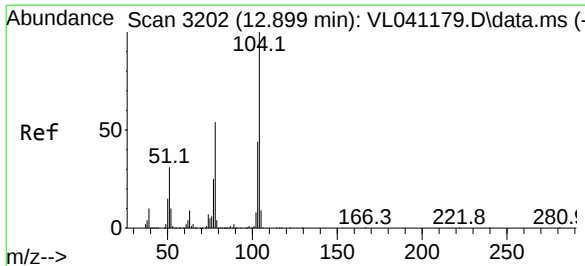


#60
o-Xylene
Concen: 0.521 ppbv
RT: 13.085 min Scan# 3260
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18



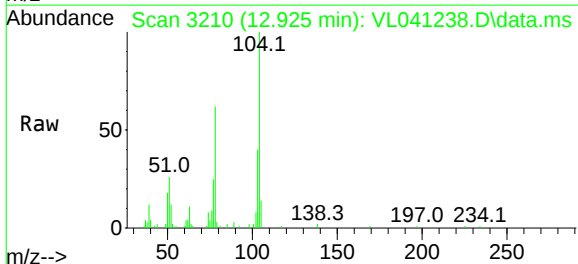
Tgt Ion: 91 Resp: 116243
Ion Ratio Lower Upper
91 100
106 43.0 22.4 67.3





#61
Styrene
Concen: 0.445 ppbv
RT: 12.925 min Scan# 3202
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



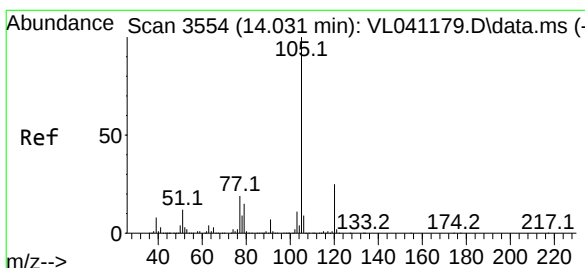
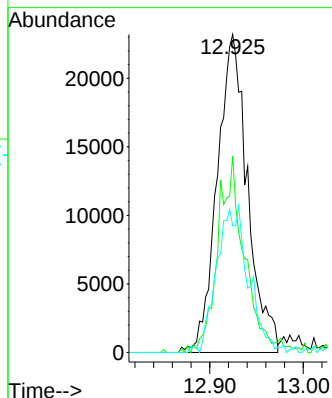
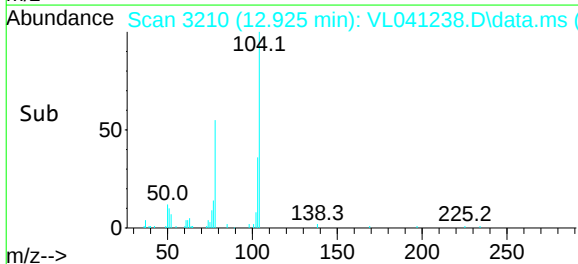
Tgt Ion:104 Resp: 52413
Ion Ratio Lower Upper
104 100
78 54.5 42.6 63.8
103 48.0 38.4 57.6

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Supervised By :Mahesh Dadoda 05/09/2024

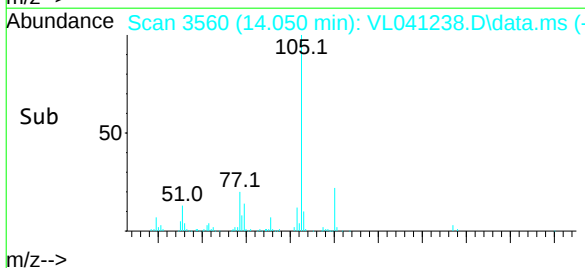
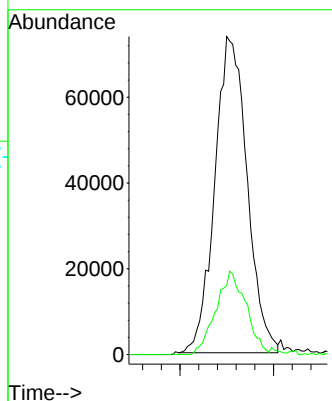
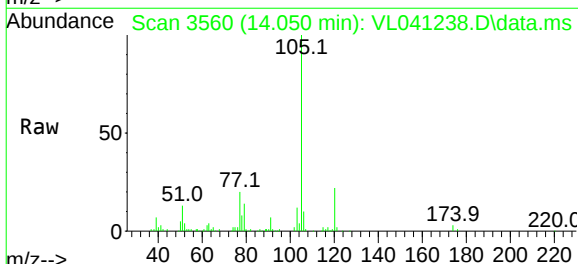
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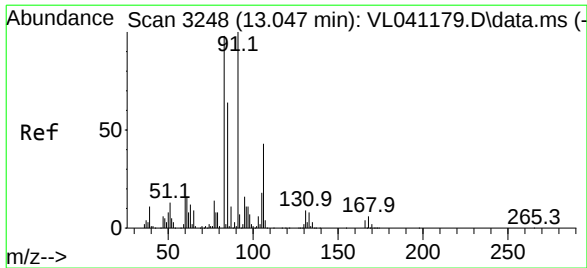
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#62
Isopropylbenzene
Concen: 0.531 ppbv
RT: 14.050 min Scan# 3560
Delta R.T. -0.000 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

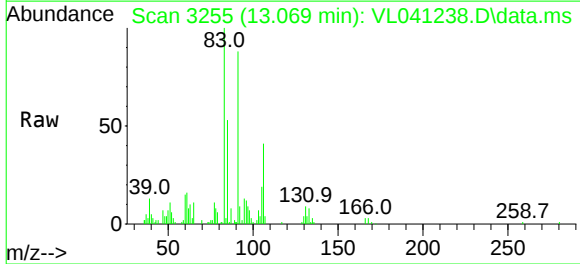
Tgt Ion:105 Resp: 177158
Ion Ratio Lower Upper
105 100
120 25.4 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.574 ppbv m
RT: 13.069 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

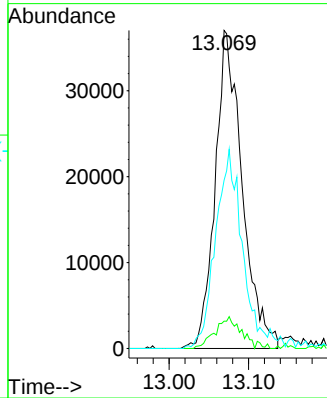
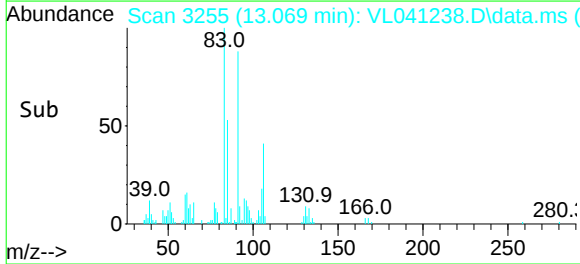
Instrument : MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion: 83 Resp: 87340
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5#
85 0.0 32.7 98.1#

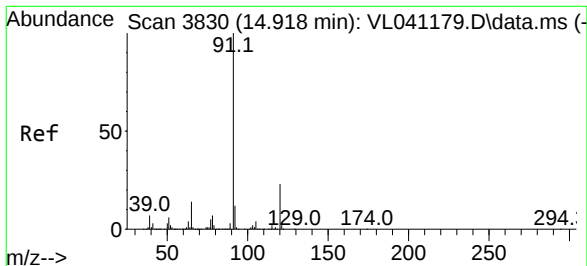
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Supervised By :Mahesh Dadoda 05/09/2024

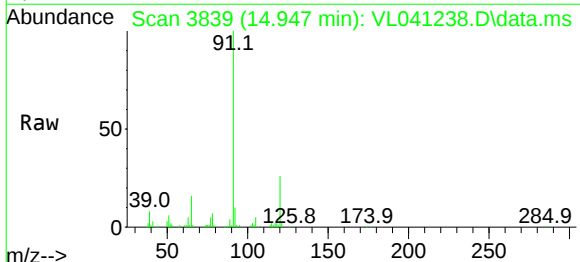


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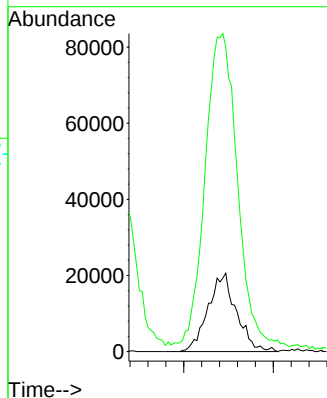
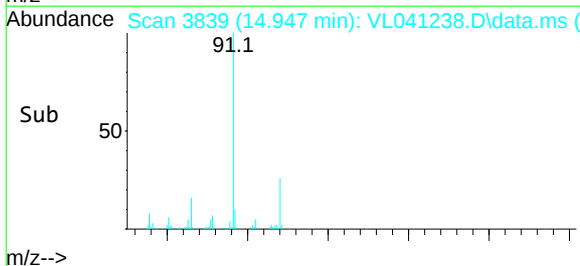
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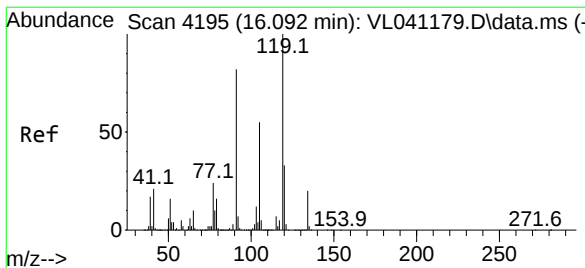


#64
n-propylbenzene
Concen: 0.545 ppbv m
RT: 14.947 min Scan# 3839
Delta R.T. 0.013 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18



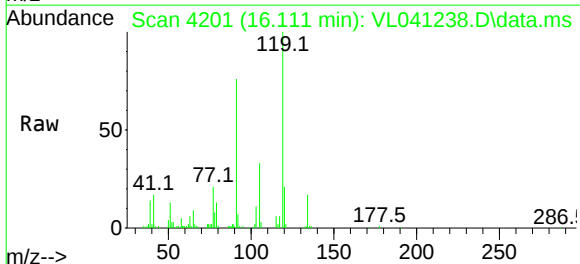
Tgt Ion:120 Resp: 45330
Ion Ratio Lower Upper
120 100
91 474.1 384.8 577.2





#65
tert-Butylbenzene
Concen: 0.531 ppbv m
RT: 16.111 min Scan# 421
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



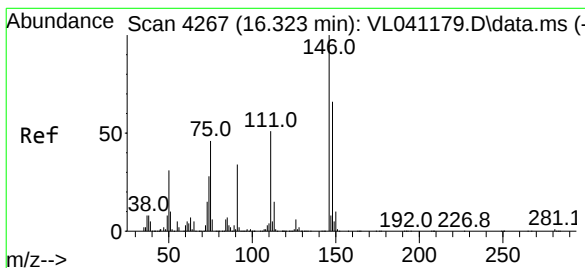
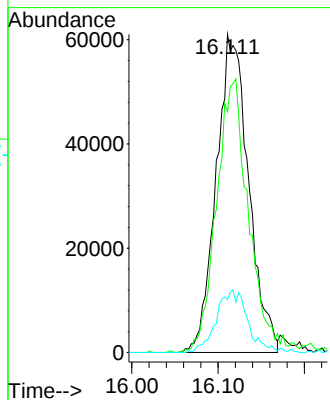
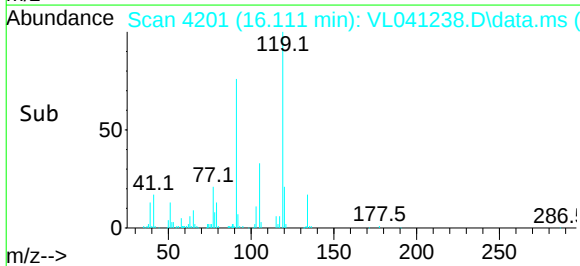
Tgt Ion: 119 Resp: 158716
Ion Ratio Lower Upper
119 100
91 0.0 67.0 100.4#
134 0.0 15.2 22.8#

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Supervised By :Mahesh Dadoda 05/09/2024

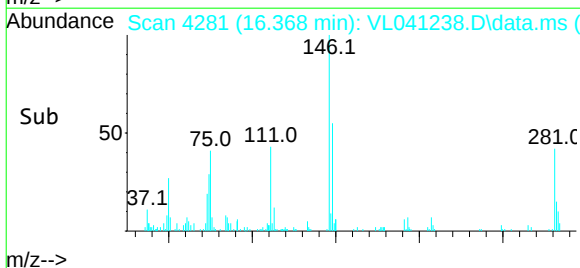
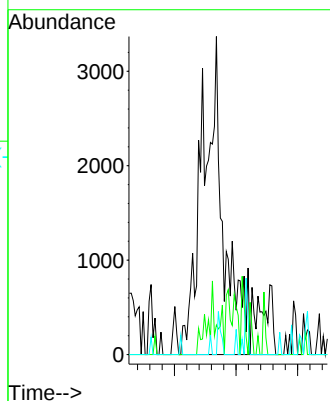
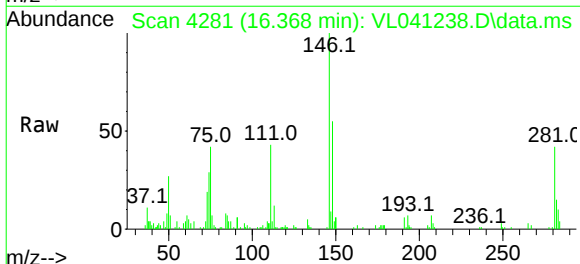
05/09/2024
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Dadoda

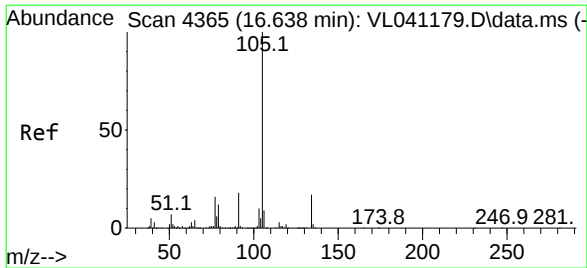
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#66
Benzyl Chloride
Concen: 0.275 ppbv m
RT: 16.368 min Scan# 4281
Delta R.T. 0.019 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion: 91 Resp: 9303
Ion Ratio Lower Upper
91 100
126 12.7 14.6 21.8#
128 2.2 4.7 7.1#





#67

sec-Butylbenzene

Concen: 0.541 ppbv m

RT: 16.657 min Scan# 43

Delta R.T. 0.006 min

Lab File: VL041238.D

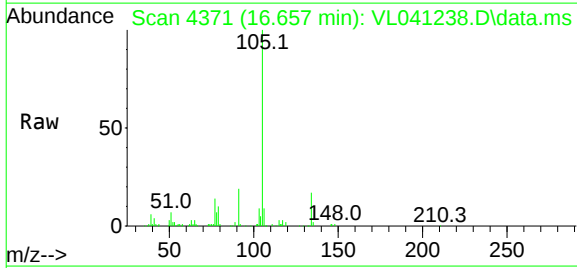
Acq: 8 May 2024 11:18

Instrument :

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Tgt Ion:105 Resp: 227442

Ion Ratio Lower Upper

105 100

134 16.7 13.8 20.8

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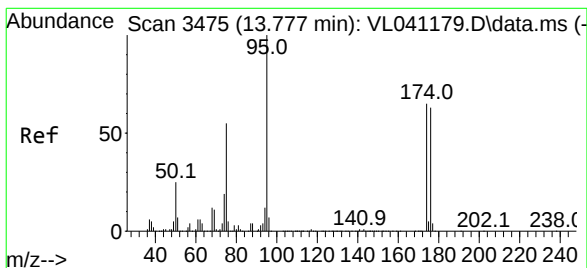
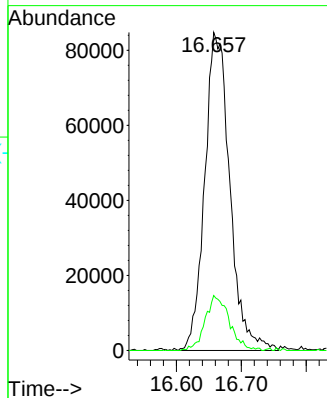
Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024

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Supervised By :Mahesh
Dadoda

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#68

1-Bromo-4-Fluorobenzene

Concen: 10.133 ppbv

RT: 13.802 min Scan# 3483

Delta R.T. 0.006 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

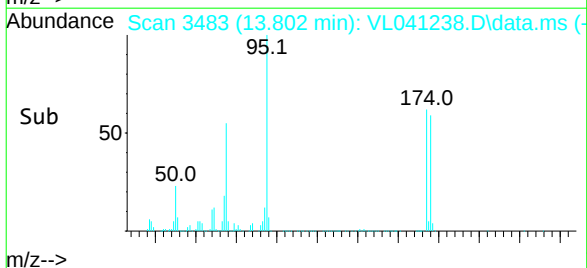
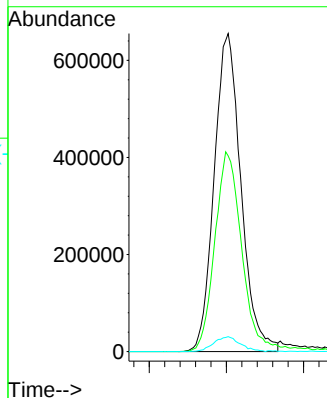
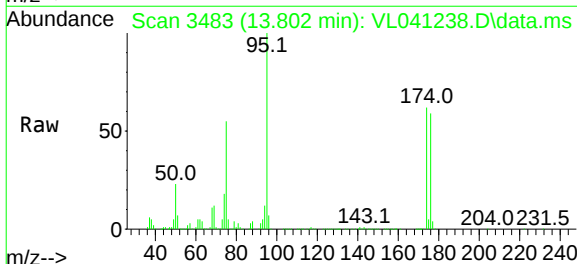
Tgt Ion: 95 Resp: 1579457

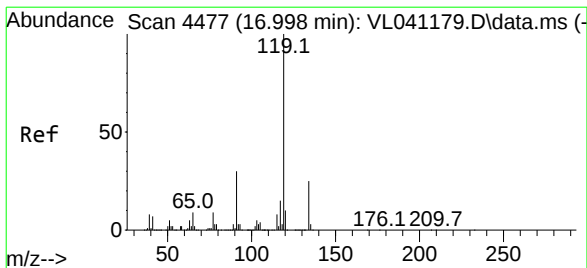
Ion Ratio Lower Upper

95 100

174 64.8 53.6 80.4

175 4.7 4.2 6.4





#69

p-Isopropyltoluene

Concen: 0.526 ppbv m

RT: 17.021 min Scan# 4477

Delta R.T. 0.006 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

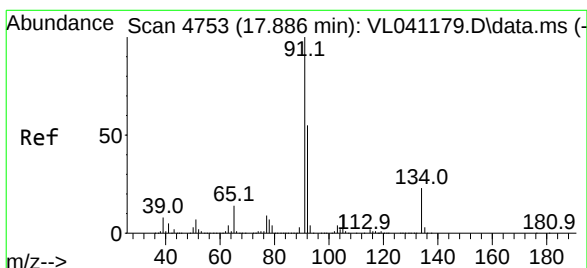
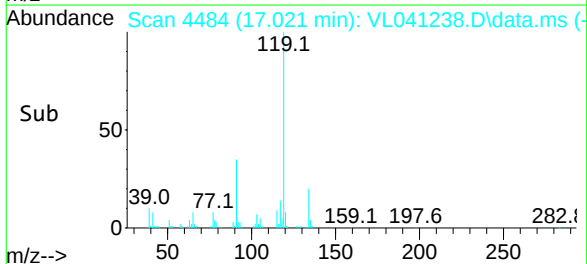
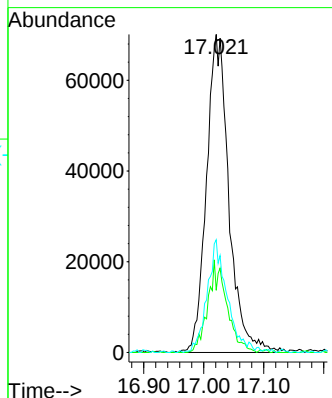
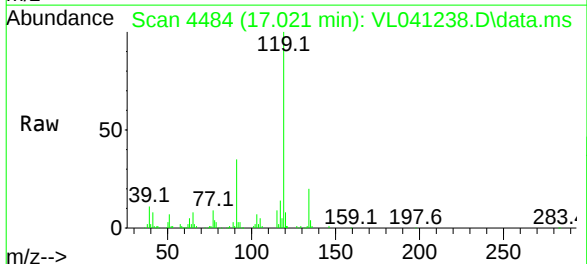
ClientSampleId :

LOQ-AIR-02-QT2-2024

Tgt Ion:	119	Resp:	182264
Ion	Ratio	Lower	Upper
119	100		
134	24.5	20.1	30.1
91	32.4	24.2	36.2

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Supervised By :Mahesh Dadoda 05/09/2024



#70

n-Butylbenzene

Concen: 0.479 ppbv

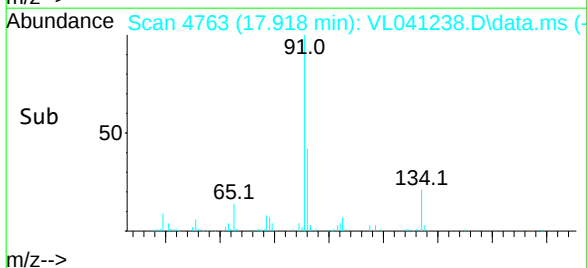
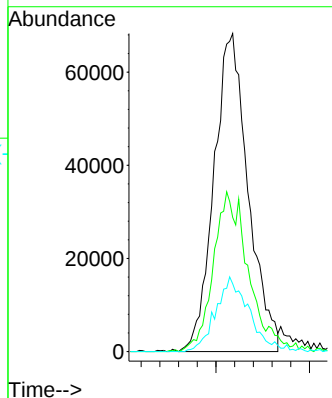
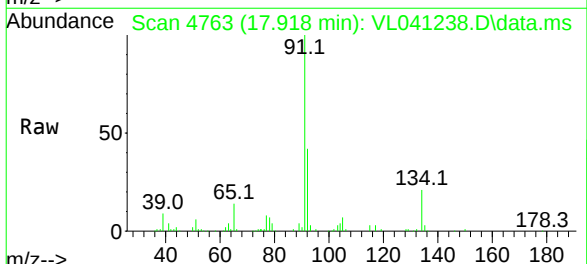
RT: 17.918 min Scan# 4763

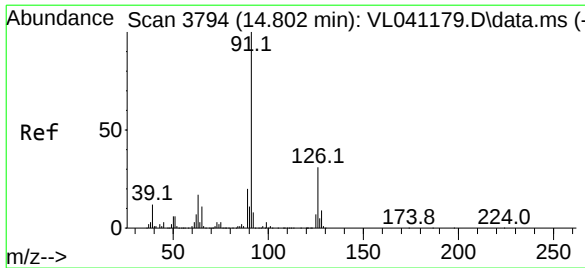
Delta R.T. 0.013 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Tgt Ion:	91	Resp:	173498
Ion	Ratio	Lower	Upper
91	100		
92	51.6	43.3	64.9
134	23.3	17.8	26.8





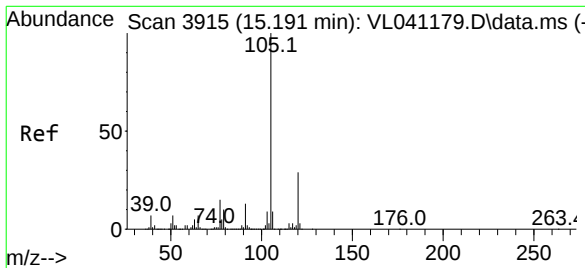
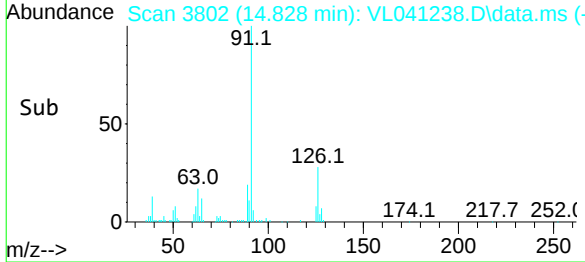
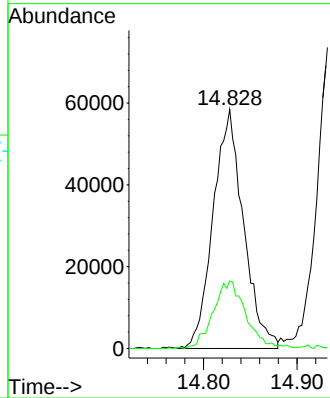
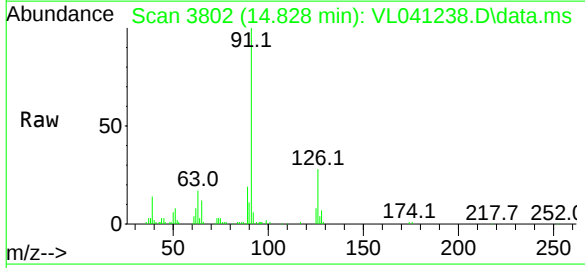
#71
2-Chlorotoluene
Concen: 0.518 ppbv
RT: 14.828 min Scan# 3812
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024

Tgt Ion: 91 Resp: 131554
Ion Ratio Lower Upper
91 100
126 30.5 12.2 48.8

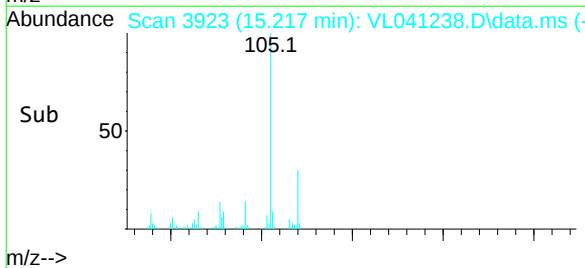
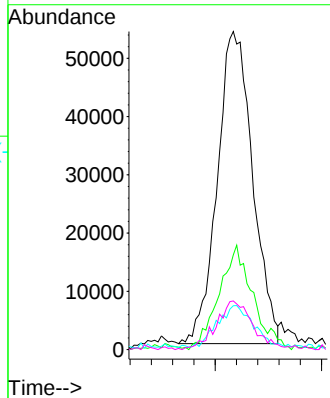
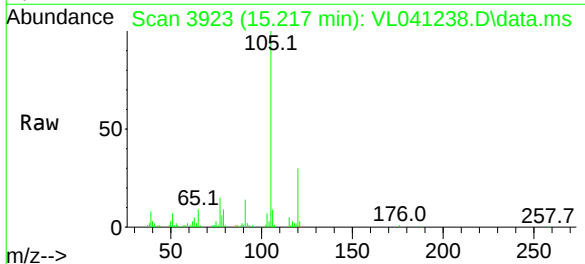
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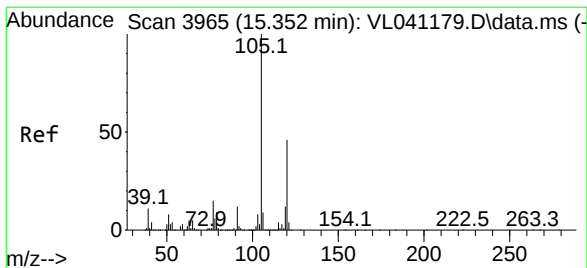
Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024



#72
4-Ethyltoluene
Concen: 0.490 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.006 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

Tgt Ion:105 Resp: 123690
Ion Ratio Lower Upper
105 100
120 33.5 24.7 37.1
91 16.9 10.3 15.5#
77 16.6 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 0.475 ppbv

RT: 15.378 min Scan# 39

Delta R.T. 0.006 min

Lab File: VL041238.D

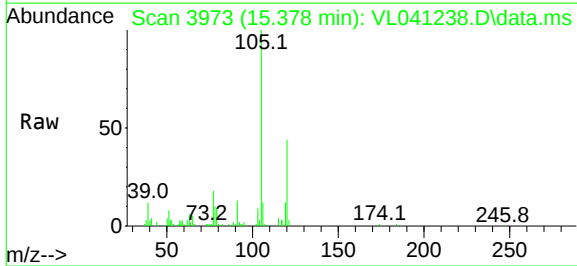
Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024



Tgt Ion:105 Resp: 108649

Ion Ratio Lower Upper

105 100

120 44.1 37.0 55.4

Manual Integrations

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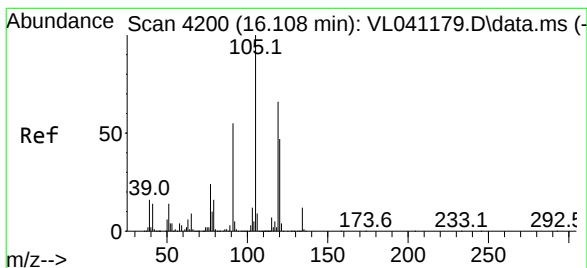
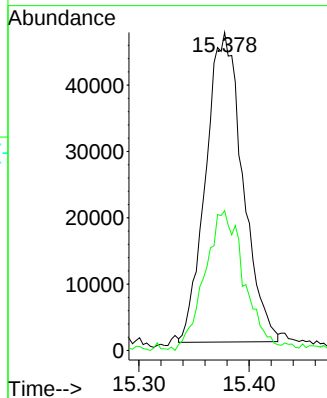
Reviewed By :Semsettin Yesilyurt 05/09/2024

Supervised By :Mahesh Dadoda 05/09/2024

05/09/2024

Supervised By :Mahesh
Dadoda

05/09/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.545 ppbv m

RT: 16.137 min Scan# 4209

Delta R.T. 0.009 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Tgt Ion:105 Resp: 136142

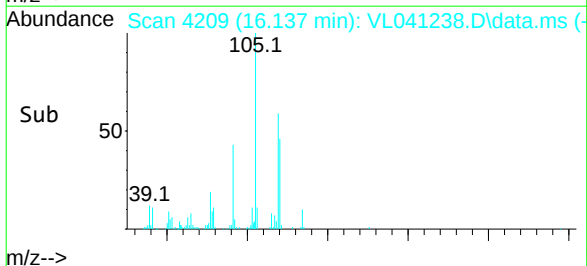
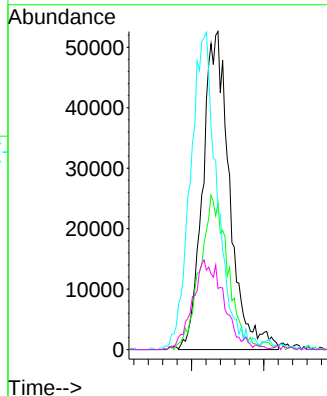
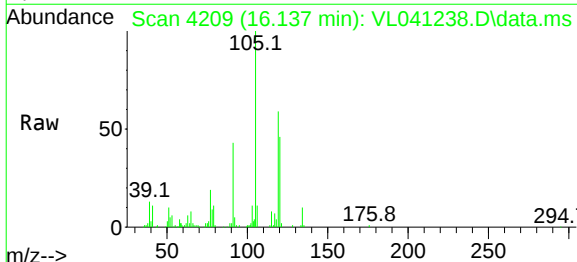
Ion Ratio Lower Upper

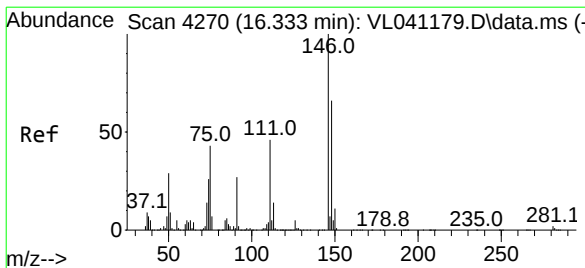
105 100

120 46.0 37.8 56.6

91 43.2 44.3 66.5#

77 19.2 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 0.531 ppbv

RT: 16.358 min Scan# 4270

Delta R.T. 0.010 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024

Tgt Ion:	146	Resp:	75976
Ion Ratio	Lower	Upper	
146	100		
111	49.5	23.7	71.1
148	65.1	32.5	97.4

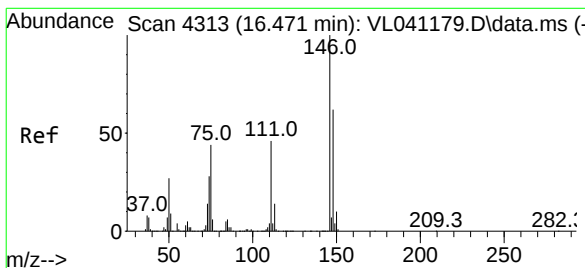
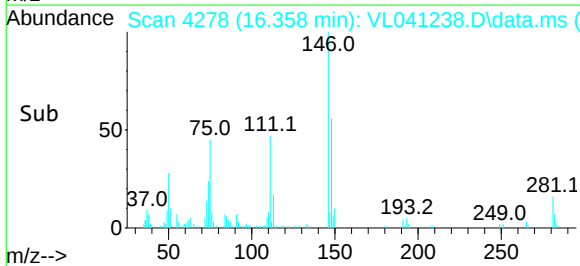
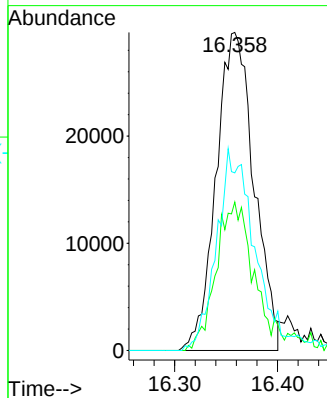
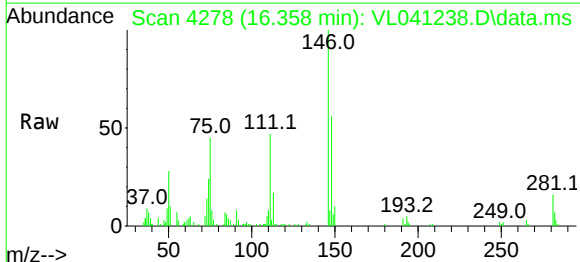
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

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Dadoda

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#76

1,4-Dichlorobenzene

Concen: 0.570 ppbv m

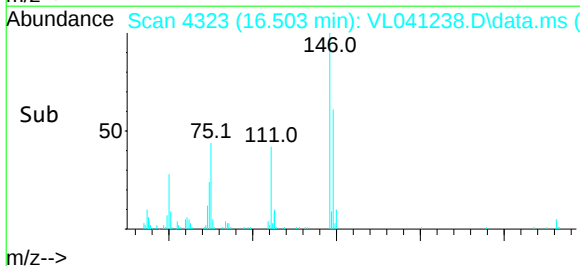
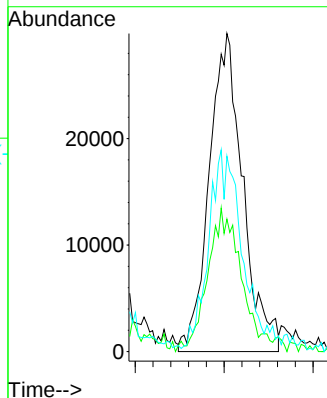
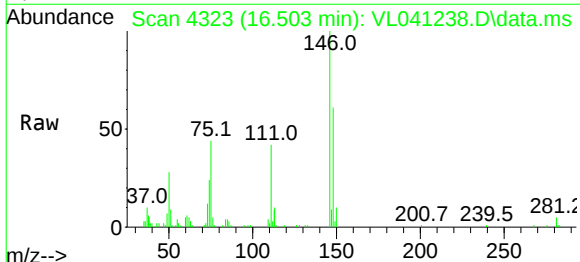
RT: 16.503 min Scan# 4323

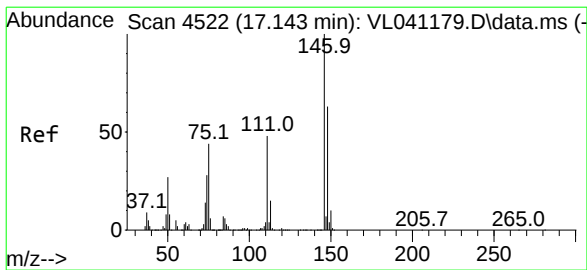
Delta R.T. 0.010 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Tgt Ion:	146	Resp:	78429
Ion Ratio	Lower	Upper	
146	100		
111	47.3	23.3	69.8
148	67.5	32.6	97.7





#77

1,2-Dichlorobenzene

Concen: 0.553 ppbv m

RT: 17.175 min Scan# 45

Delta R.T. 0.013 min

Lab File: VL041238.D

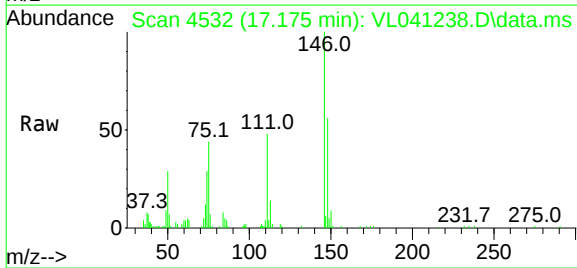
Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024



Tgt Ion:	146	Resp:	79141
Ion Ratio	Lower	Upper	
146	100		
111	48.8	24.5	73.5
148	66.1	32.6	98.0

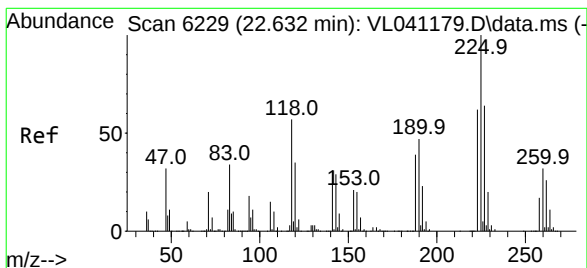
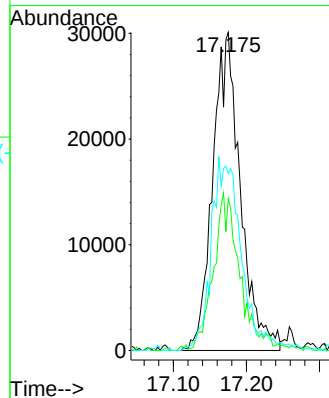
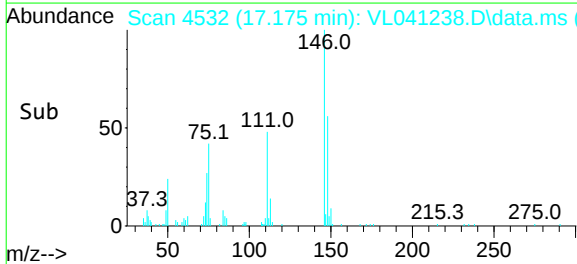
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Dadoda

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#78

Hexachloro-1,3-Butadiene

Concen: 0.526 ppbv m

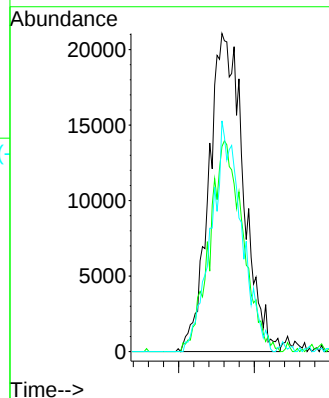
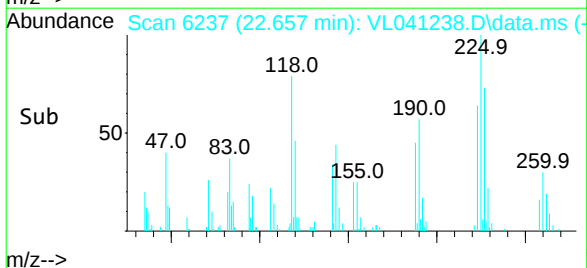
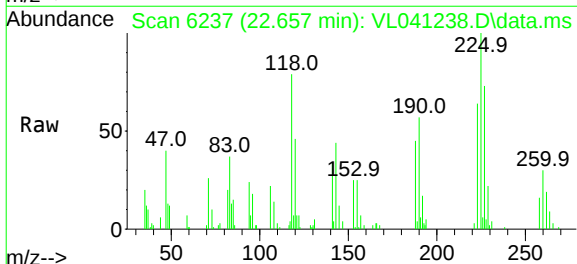
RT: 22.657 min Scan# 6237

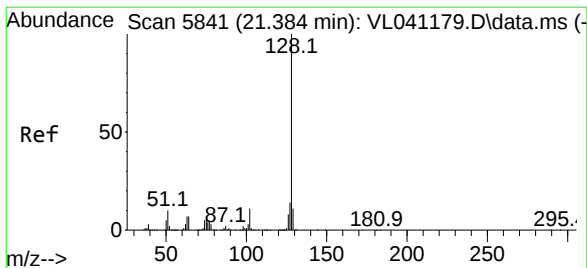
Delta R.T. -0.000 min

Lab File: VL041238.D

Acq: 8 May 2024 11:18

Tgt Ion:	225	Resp:	66851
Ion Ratio	Lower	Upper	
225	100		
223	64.1	50.9	76.3
227	63.8	52.0	78.0





#79

Naphthalene

Concen: 0.402 ppbv m

RT: 21.429 min Scan# 5841

Delta R.T. 0.026 min

Lab File: VL041238.D

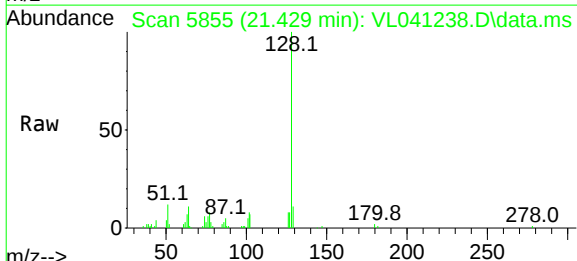
Acq: 8 May 2024 11:18

Instrument :

MSVOA_L

ClientSampleId :

LOQ-AIR-02-QT2-2024



Tgt Ion:	128	Resp:	95468
Ion Ratio	Lower	Upper	
128	100		
127	8.2	10.8	16.2#
129	11.2	8.9	13.3

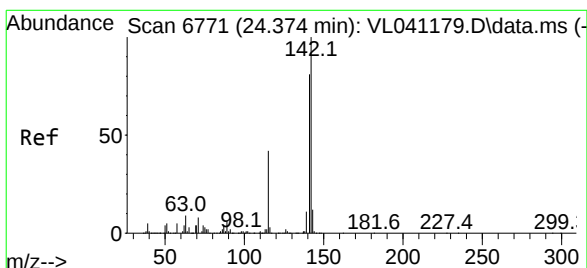
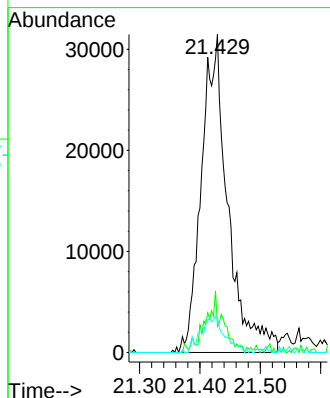
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Reviewed By :Semsettin Yesilyurt 05/09/2024
Supervised By :Mahesh Dadoda 05/09/2024

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Supervised By :Mahesh
Dadoda

05/09/2024



#80

Naphthalene,2-methyl-

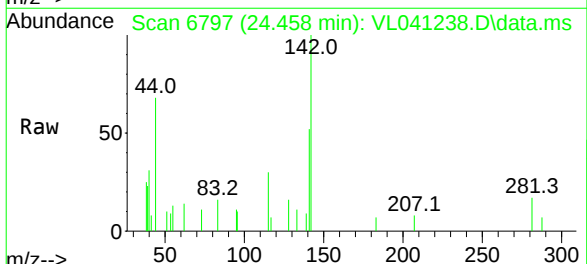
Concen: 0.194 ppbv m

RT: 24.458 min Scan# 6797

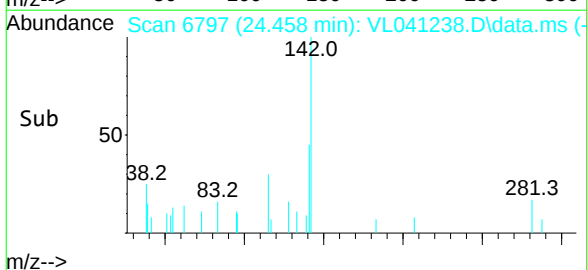
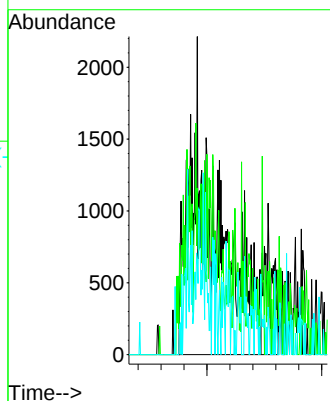
Delta R.T. 0.067 min

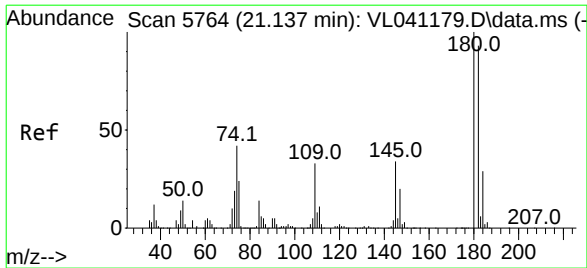
Lab File: VL041238.D

Acq: 8 May 2024 11:18



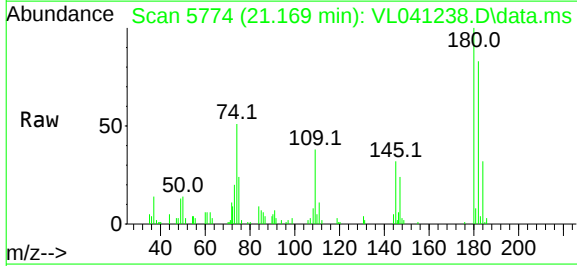
Tgt Ion:	142	Resp:	18550
Ion Ratio	Lower	Upper	
142	100		
141	0.0	67.9	101.9#
115	5.4	31.4	47.0#





#81
1,2,4-Trichlorobenzene
Concen: 0.385 ppbv m
RT: 21.169 min Scan# 57
Delta R.T. 0.003 min
Lab File: VL041238.D
Acq: 8 May 2024 11:18

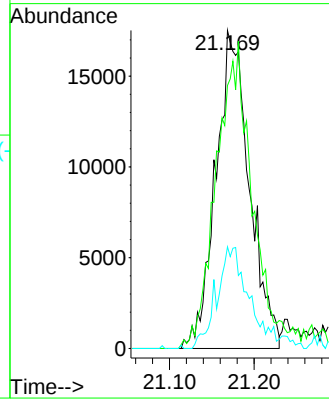
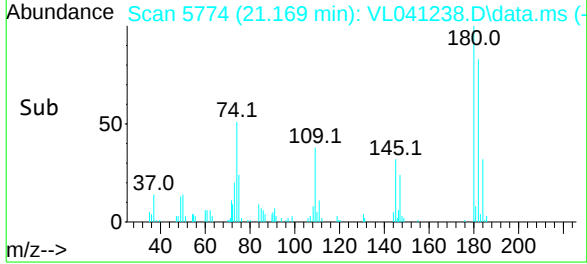
Instrument :
MSVOA_L
ClientSampleId :
LOQ-AIR-02-QT2-2024



Tgt Ion:180 Resp: 48275
Ion Ratio Lower Upper
180 100
182 0.0 77.2 115.8#
184 32.1 24.6 36.8

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Supervised By :Mahesh Dadoda 05/09/2024



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Dadoda

05/09/2024