

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041653.D
 Acq On : 10 Oct 2024 22:00
 Operator : SY/MD
 Sample : P4368-13 0.45
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024

Quant Time: Oct 11 05:45:40 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) Bromochloromethane	5.173	49	999648	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2736150	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2438203	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.761	95	1859606	10.361	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 103.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.706	85	88596	0.614	ppbv	100
3) Chlorodifluoromethane	2.652	51	60016	0.495	ppbv	98
4) Chloromethane	2.793	50	33804	0.507	ppbv	97
5) Vinyl Chloride	2.899	62	28193	0.488	ppbv	92
6) Bromomethane	3.099	94	13030	0.454	ppbv	90
7) Chloroethane	3.173	64	9349	0.416	ppbv	95
8) Dichlorotetrafluoroethane	2.832	85	75834	0.501	ppbv	99
9) Propene	2.668	41	20899	0.409	ppbv	84
10) Heptane	7.565	43	38376	0.320	ppbv	90
11) Trichlorofluoromethane	3.539	101	71931	0.468	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.044	101	51640	0.464	ppbv	95
13) Ethanol	3.240	45	1381m	0.359	ppbv	
14) Bromoethene	3.343	108	17008	0.403	ppbv #	89
15) Acetone	3.465	43	65445	0.521	ppbv #	88
16) 1,3-Butadiene	2.960	39	26906	0.441	ppbv	95
17) tert-Butyl alcohol	3.877	59	42223m	0.383	ppbv	
18) 1,1-Dichloroethene	3.857	96	21233	0.451	ppbv	91
19) Isopropyl Alcohol	3.578	45	21728m	0.338	ppbv	
20) Methylene Chloride	3.909	84	23837	0.506	ppbv	97
21) Allyl Chloride	3.980	41	27567	0.379	ppbv #	81
22) trans-1,2-Dichloroethene	4.423	96	21132m	0.450	ppbv	
23) Vinyl Acetate	4.613	43	27793	0.403	ppbv #	93
24) 1,1-Dichloroethane	4.542	63	52257	0.504	ppbv	97
25) Ethyl Acetate	5.198	43	92261	0.410	ppbv	97
26) Hexane	5.192	57	33803	0.360	ppbv #	80
27) Carbon Disulfide	4.108	76	35814m	0.359	ppbv	
28) Methyl tert-Butyl Ether	4.581	73	24164m	0.417	ppbv	
29) Chloroform	5.253	83	69736	0.454	ppbv	86
30) Cyclohexane	6.584	84	19890	0.275	ppbv #	79
31) cis-1,2-Dichloroethene	5.060	61	32443	0.364	ppbv	97
32) 1,1,1-Trichloroethane	5.983	97	62338	0.455	ppbv	95
34) 2-Butanone	4.784	43	54959	0.421	ppbv	99
35) Carbon Tetrachloride	6.475	117	61859	0.461	ppbv #	86
36) Benzene	6.353	78	70672	0.372	ppbv	95
37) 1,2-Dichloroethane	5.790	62	46623	0.423	ppbv #	96
38) Trichloroethene	7.282	130	39270m	0.401	ppbv	
39) 1,2-Dichloropropane	7.054	63	29934	0.387	ppbv	89
40) 1,4-Dioxane	7.330	88	5576m	0.191	ppbv	
41) Tetrahydrofuran	5.571	42	22284m	0.310	ppbv	
42) Bromodichloromethane	7.234	83	63535	0.414	ppbv #	98
43) Methyl Methacrylate	7.475	69	19070m	0.280	ppbv	
44) 2,2,4-Trimethylpentane	7.314	57	107516	0.327	ppbv #	80
45) t-1,3-Dichloropropene	8.697	75	14003m	0.255	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:45:40 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

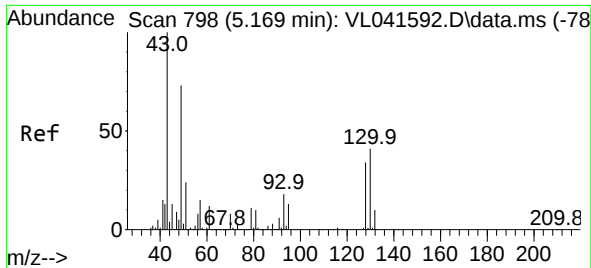
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.131	75	23203	0.289	ppbv	93
47) 1,1,2-Trichloroethane	8.883	97	35470	0.432	ppbv	96
48) Dibromochloromethane	9.693	129	43511m	0.350	ppbv	
49) Bromoform	12.394	173	36252m	0.340	ppbv	
50) 4-Methyl-2-Pentanone	8.192	43	61341m	0.304	ppbv	
51) 2-Hexanone	9.561	43	42302m	0.278	ppbv	
52) Tetrachloroethene	10.603	164	27175m	0.395	ppbv	
53) Toluene	9.208	91	55629	0.276	ppbv	99
54) 1,2-Dibromoethane	9.996	107	39965m	0.395	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.497	131	43988	0.462	ppbv #	1
57) Chlorobenzene	11.507	112	85252	0.485	ppbv	96
58) Ethyl Benzene	12.076	91	76922m	0.295	ppbv	
59) m/p-Xylene	12.362	91	152189m	0.655	ppbv	
60) o-Xylene	13.047	91	65624	0.295	ppbv	96
61) Styrene	12.889	104	21499m	0.231	ppbv	
62) Isopropylbenzene	14.018	105	126212m	0.374	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.044	83	57698	0.507	ppbv	97
64) n-propylbenzene	14.912	120	29914	0.343	ppbv	89
65) tert-Butylbenzene	16.085	119	105163	0.340	ppbv	90
66) Benzyl Chloride	16.317	91	6769m	0.421	ppbv	
67) sec-Butylbenzene	16.629	105	153767	0.358	ppbv	98
69) p-Isopropyltoluene	16.989	119	106643	0.307	ppbv	94
70) n-Butylbenzene	17.883	91	115247m	0.317	ppbv	
71) 2-Chlorotoluene	14.790	91	80291	0.323	ppbv	99
72) 4-Ethyltoluene	15.182	105	71927	0.276	ppbv #	86
73) 1,3,5-Trimethylbenzene	15.339	105	68286	0.297	ppbv	93
74) 1,2,4-Trimethylbenzene	16.098	105	95705	0.356	ppbv	98
75) 1,3-Dichlorobenzene	16.323	146	68422m	0.406	ppbv	
76) 1,4-Dichlorobenzene	16.458	146	63687m	0.394	ppbv	
77) 1,2-Dichlorobenzene	17.137	146	68638m	0.412	ppbv	
78) Hexachloro-1,3-Butadiene	22.612	225	59042m	0.430	ppbv	
79) Naphthalene	21.381	128	36277m	0.183	ppbv	
80) Naphthalene,2-methyl-	24.429	142	11615m	0.084	ppbv	
81) 1,2,4-Trichlorobenzene	21.127	180	25878m	0.206	ppbv	

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

Manual Integrations APPROVED

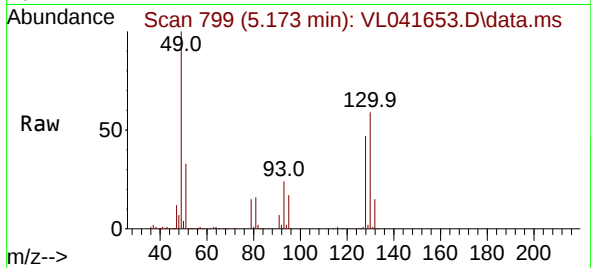
Quant Time: Oct 11 05:45:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 17 09:12:21 2024
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. 0.004 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

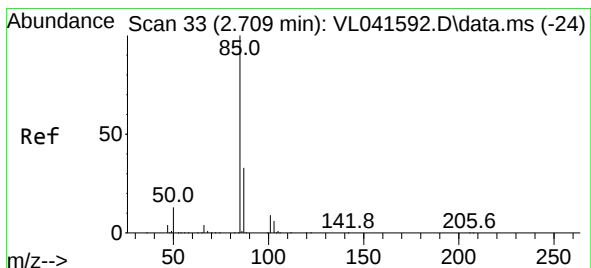
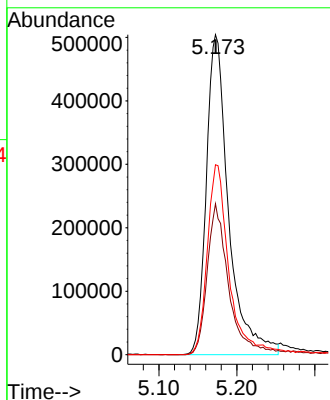
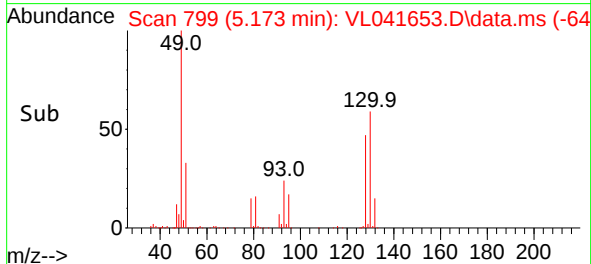
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 49 Resp: 99964
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.5
130 60.6 30.4 91.3

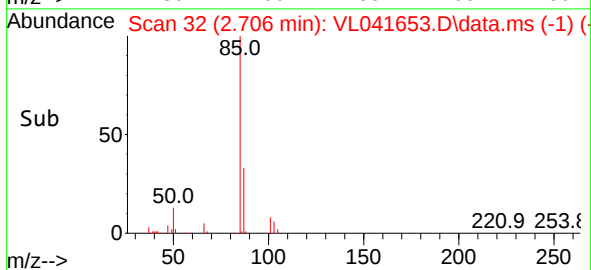
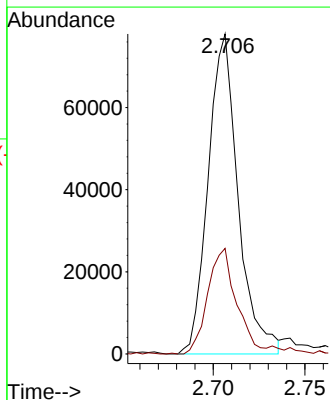
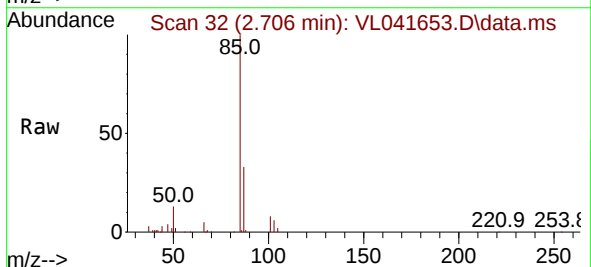
Manual Integrations
APPROVED

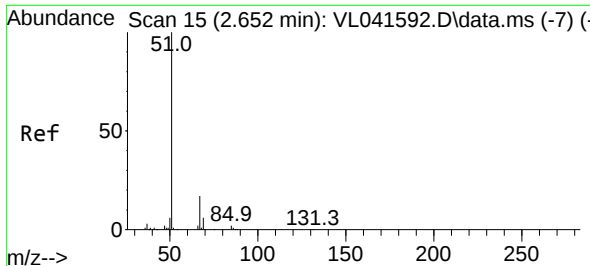
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#2
Dichlorodifluoromethane
Concen: 0.614 ppbv
RT: 2.706 min Scan# 32
Delta R.T. -0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

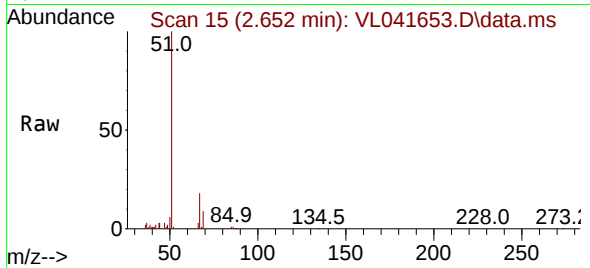
Tgt Ion: 85 Resp: 88596
Ion Ratio Lower Upper
85 100
87 33.0 26.3 39.5





#3
Chlorodifluoromethane
Concen: 0.495 ppbv
RT: 2.652 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

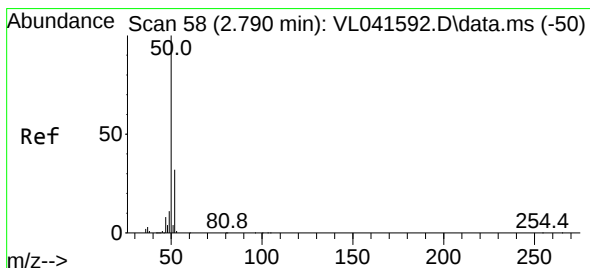
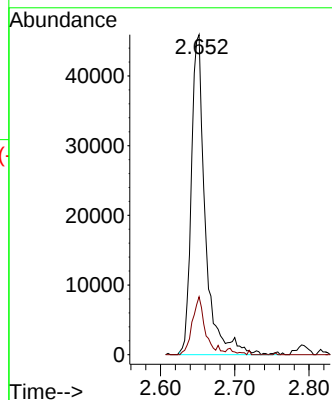
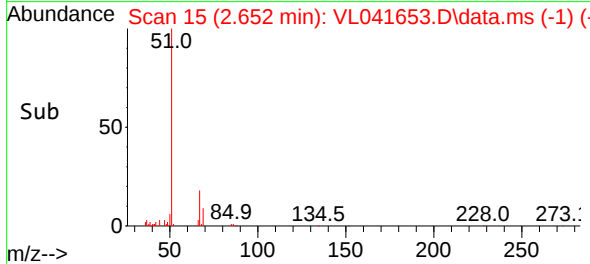
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



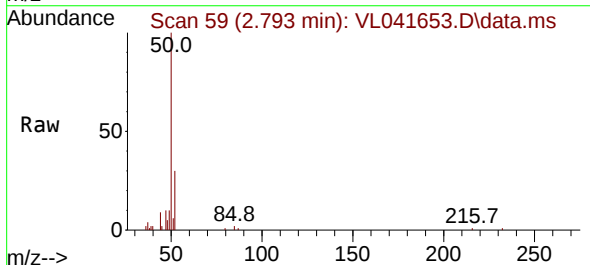
Tgt Ion: 51 Resp: 60010
Ion Ratio Lower Upper
51 100
67 18.3 14.1 21.1

Manual Integrations
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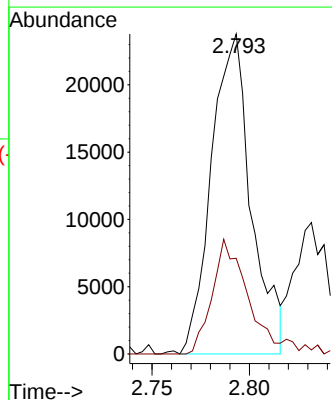
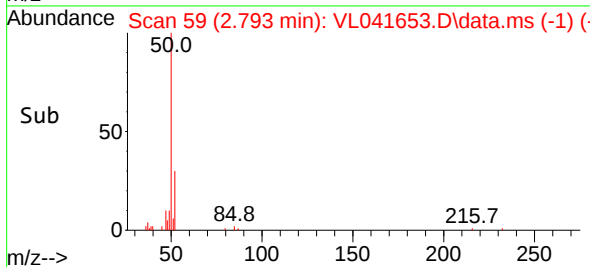
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

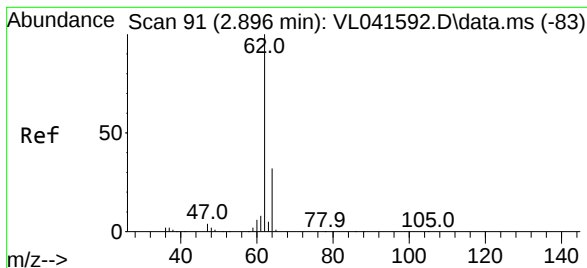


#4
Chloromethane
Concen: 0.507 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



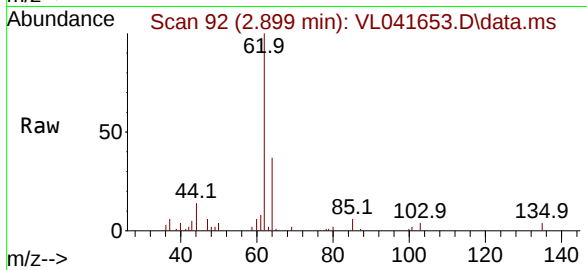
Tgt Ion: 50 Resp: 33804
Ion Ratio Lower Upper
50 100
52 29.9 25.4 38.2





#5
Vinyl Chloride
Concen: 0.488 ppbv
RT: 2.899 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

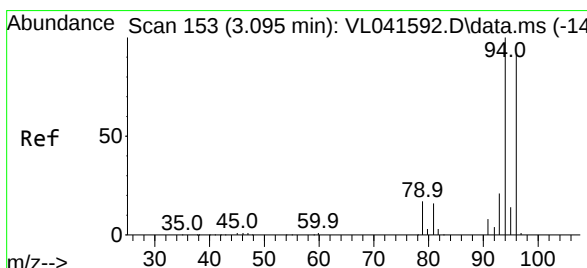
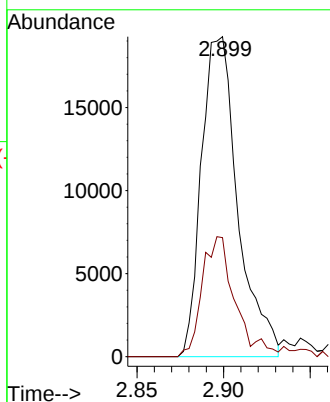
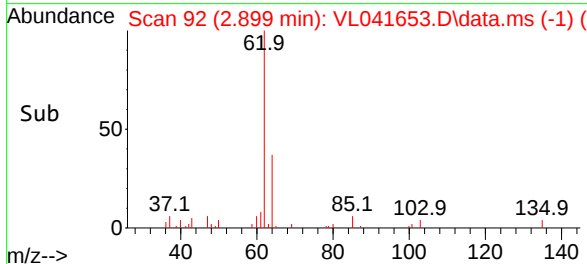
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 62 Resp: 2819
Ion Ratio Lower Upper
62 100
64 37.2 26.0 39.0

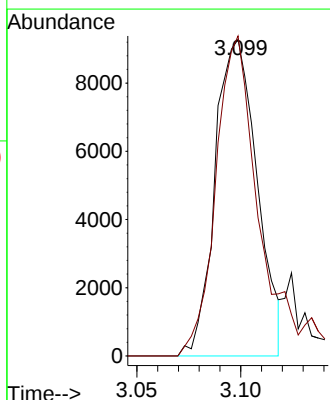
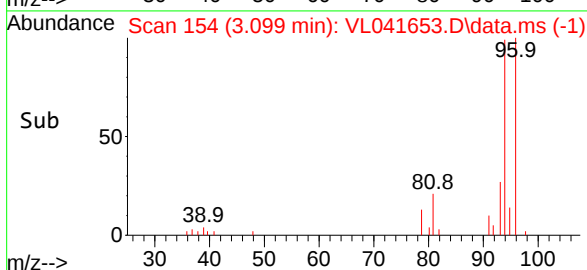
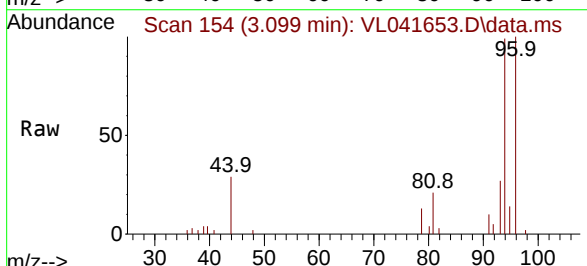
Manual Integrations
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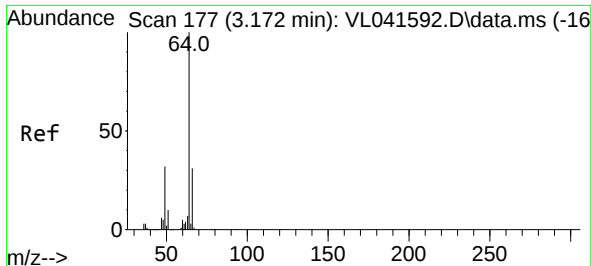
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#6
Bromomethane
Concen: 0.454 ppbv
RT: 3.099 min Scan# 154
Delta R.T. 0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

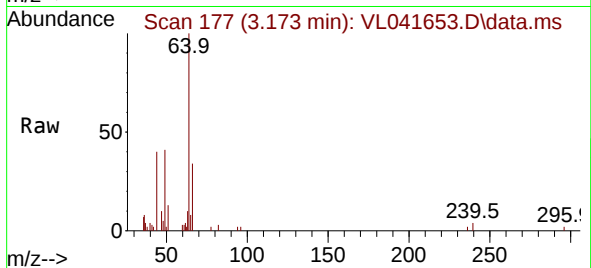
Tgt Ion: 94 Resp: 13030
Ion Ratio Lower Upper
94 100
96 101.1 73.4 110.2





#7
Chloroethane
Concen: 0.416 ppbv
RT: 3.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

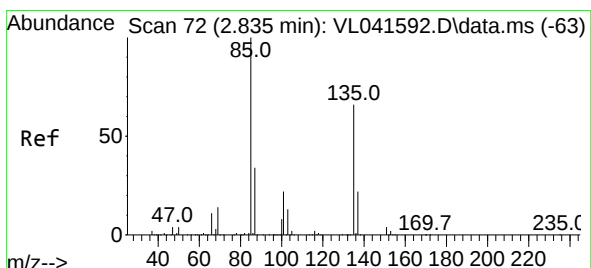
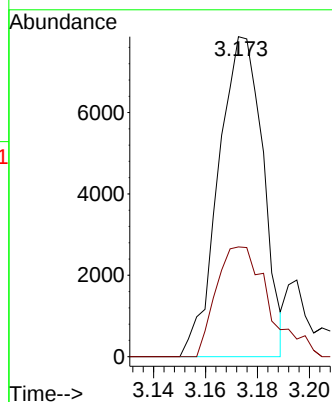
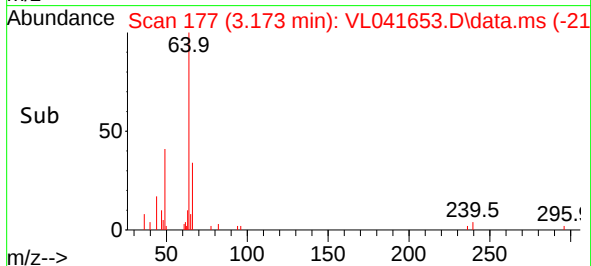
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 64 Resp: 9349
Ion Ratio Lower Upper
64 100
66 34.3 25.1 37.7

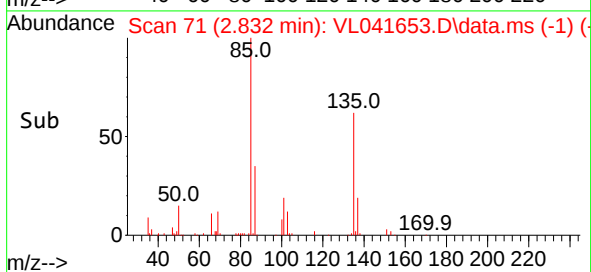
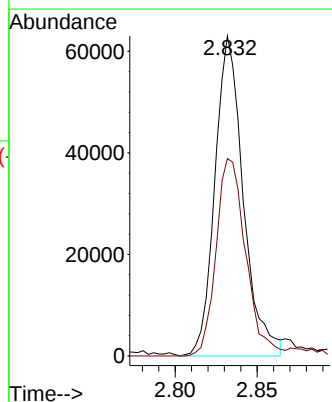
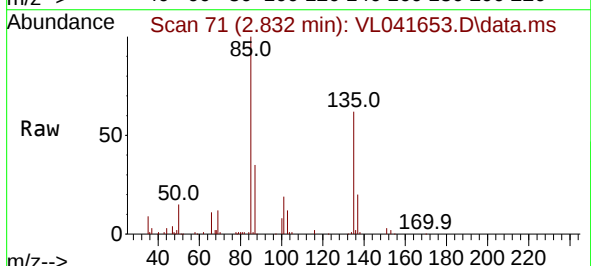
Manual Integrations
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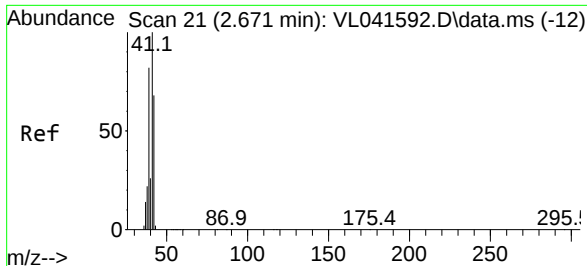
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#8
Dichlorotetrafluoroethane
Concen: 0.501 ppbv
RT: 2.832 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

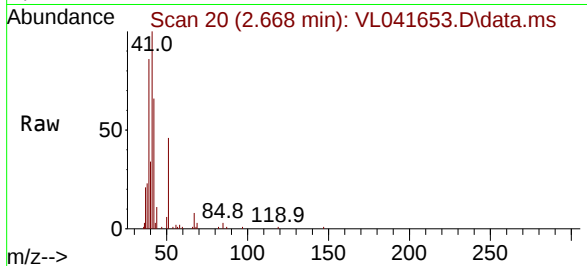
Tgt Ion: 85 Resp: 75834
Ion Ratio Lower Upper
85 100
135 67.9 53.9 80.9





#9
 Propene
 Concen: 0.409 ppbv
 RT: 2.668 min Scan# 20
 Delta R.T. -0.003 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

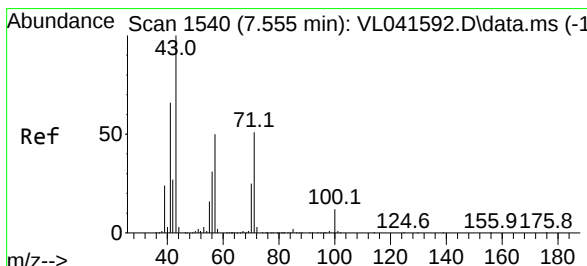
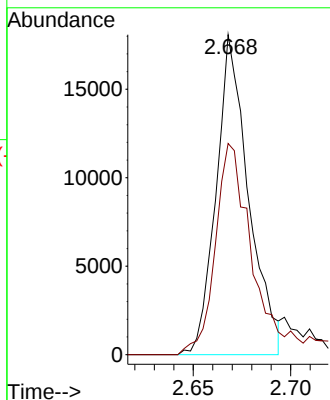
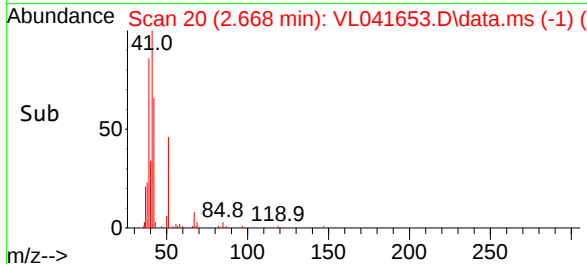
Instrument : MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 41 Resp: 20899
 Ion Ratio Lower Upper
 41 100
 42 82.3 55.2 82.8

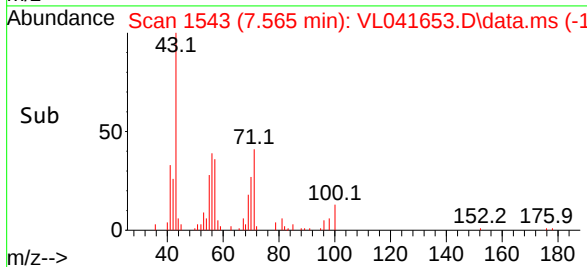
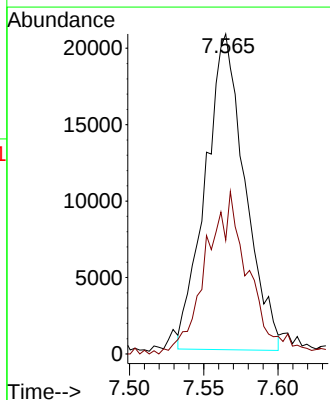
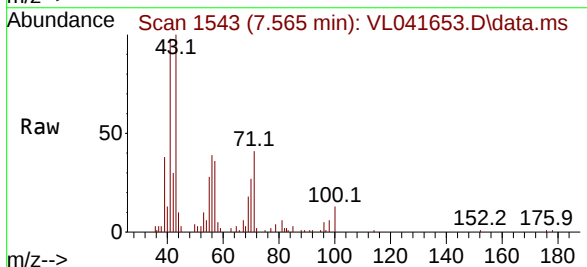
Manual Integrations
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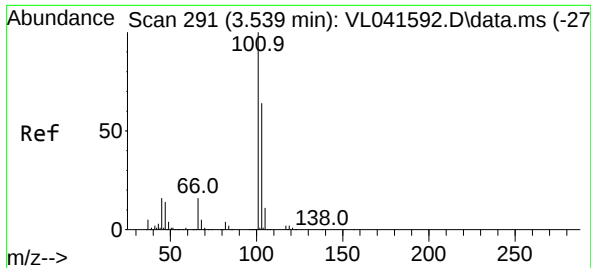
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#10
 Heptane
 Concen: 0.320 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. 0.010 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

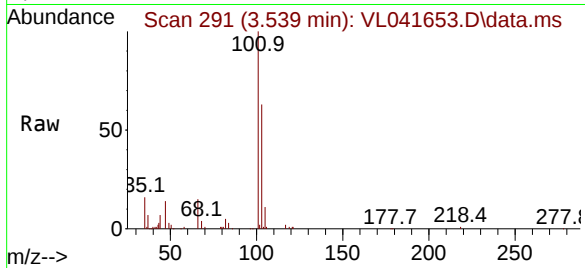
Tgt Ion: 43 Resp: 38376
 Ion Ratio Lower Upper
 43 100
 57 56.4 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 0.468 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

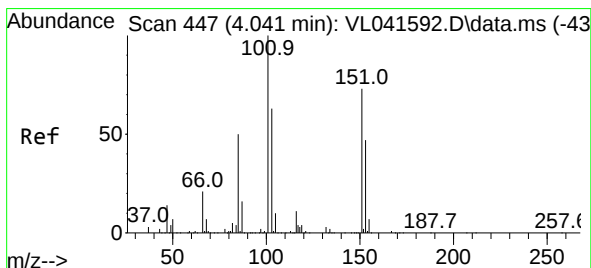
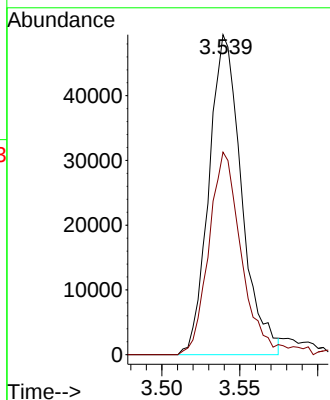
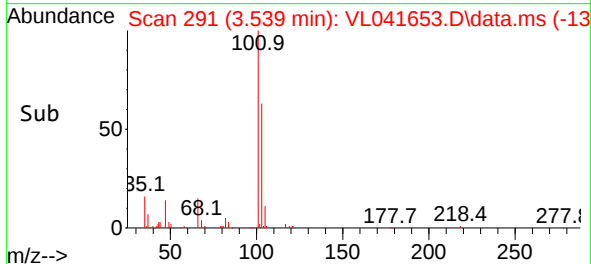
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



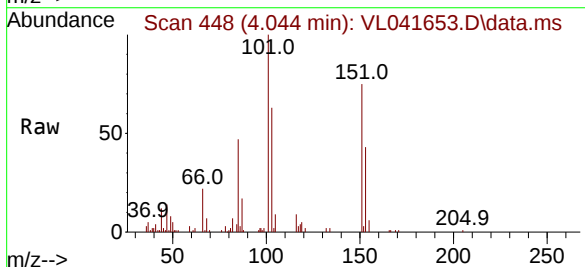
Tgt Ion:101 Resp: 7193
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.2 76.8

Manual Integrations
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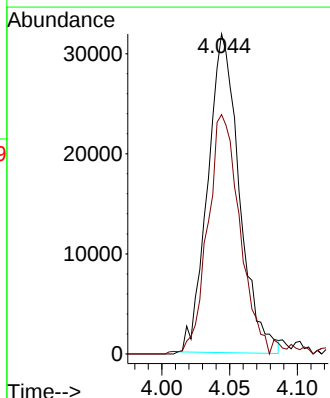
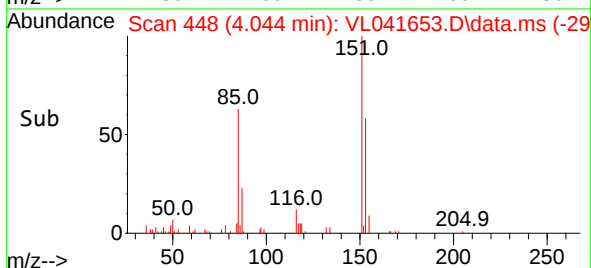
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

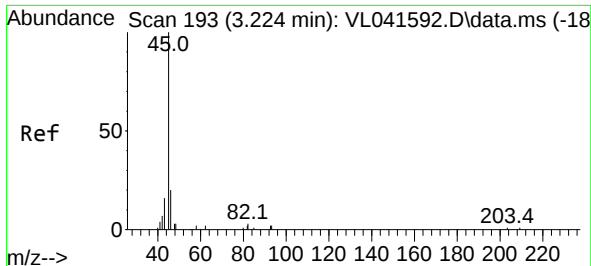


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.464 ppbv
 RT: 4.044 min Scan# 448
 Delta R.T. 0.003 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00



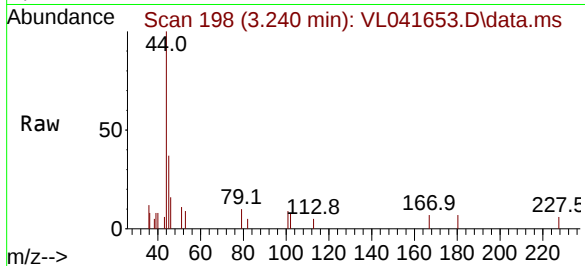
Tgt Ion:101 Resp: 51640
 Ion Ratio Lower Upper
 101 100
 151 78.4 59.4 89.2





#13
Ethanol
Concen: 0.359 ppbv
RT: 3.240 min Scan# 198
Delta R.T. 0.016 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

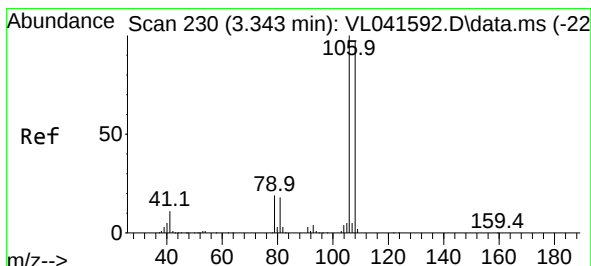
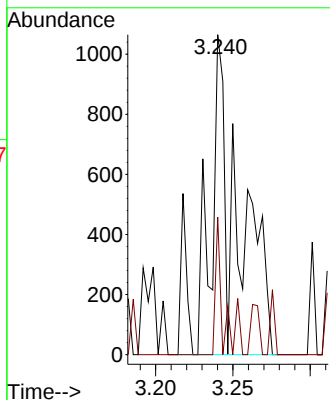
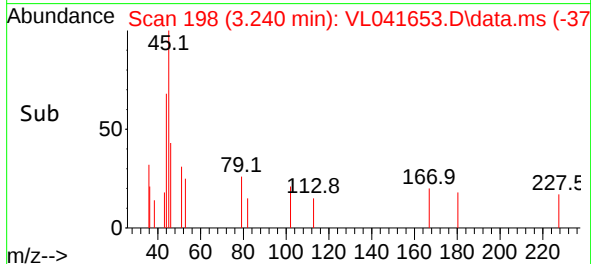
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 45 Resp: 138
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8

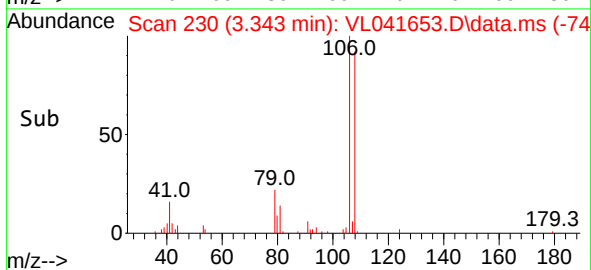
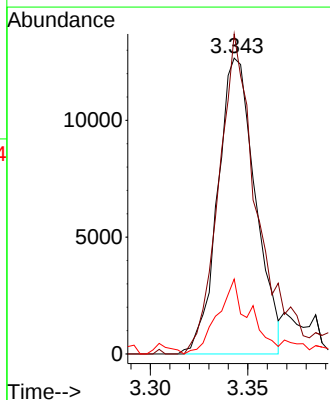
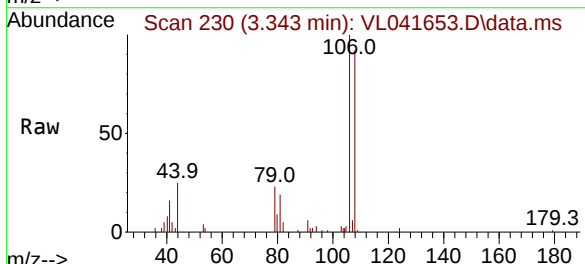
Manual Integrations
APPROVED

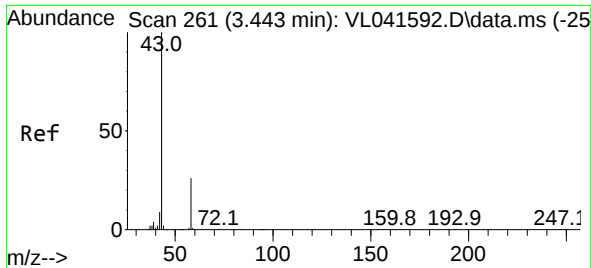
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#14
Bromoethene
Concen: 0.403 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.000 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

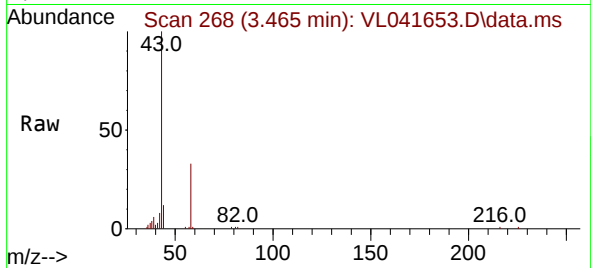
Tgt Ion:108 Resp: 17008
Ion Ratio Lower Upper
108 100
106 118.5 86.5 129.7
79 29.2 16.2 24.4





#15
Acetone
Concen: 0.521 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

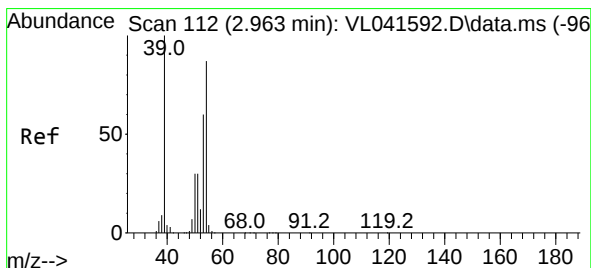
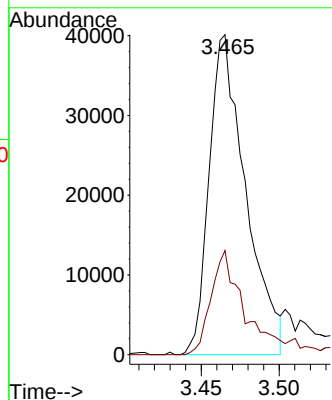
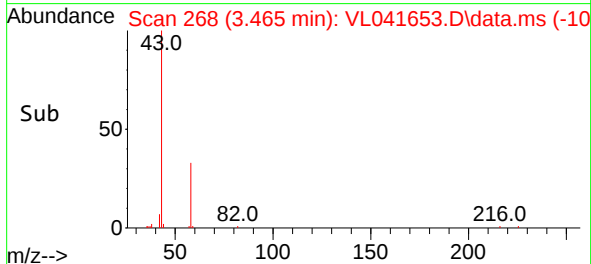
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 65445
Ion Ratio Lower Upper
43 100
58 32.9 21.5 32.3

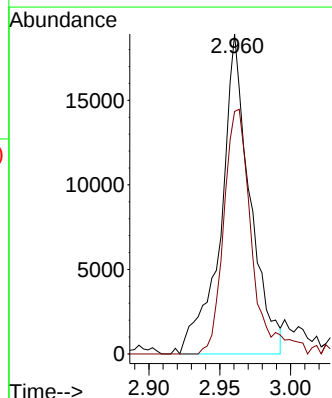
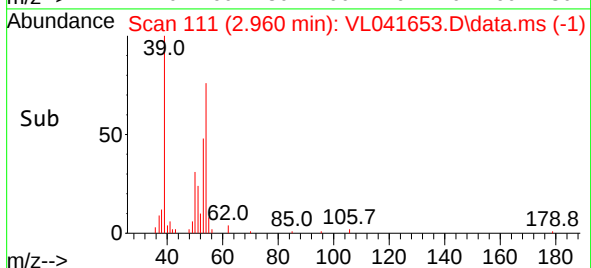
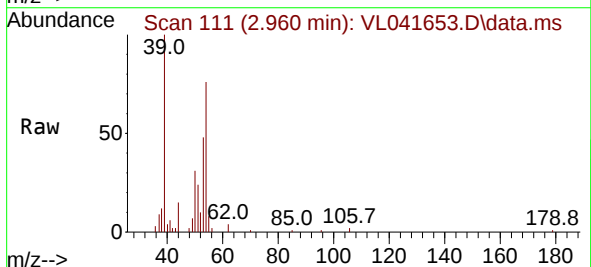
Manual Integrations
APPROVED

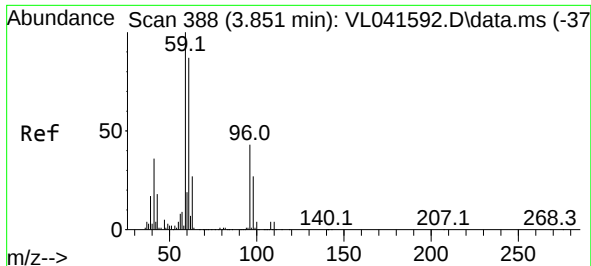
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
1,3-Butadiene
Concen: 0.441 ppbv
RT: 2.960 min Scan# 111
Delta R.T. -0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Tgt Ion: 39 Resp: 26906
Ion Ratio Lower Upper
39 100
54 74.3 62.9 94.3





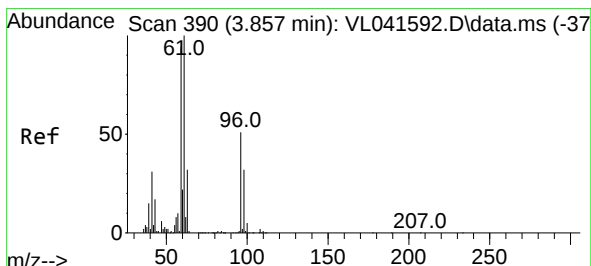
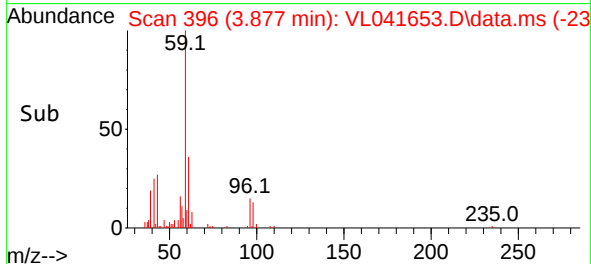
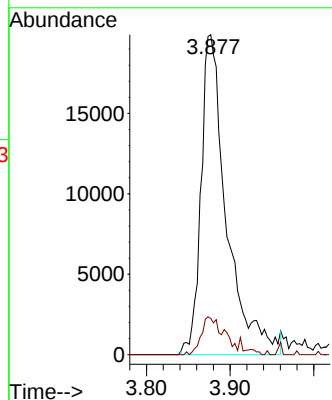
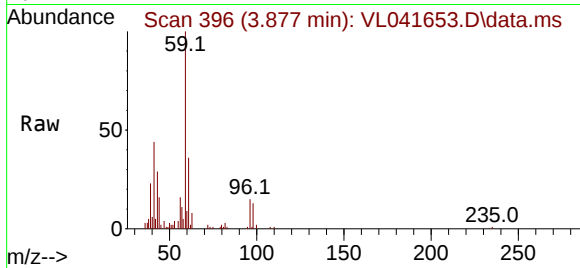
#17
tert-Butyl alcohol
Concen: 0.383 ppbv m
RT: 3.877 min Scan# 396
Delta R.T. 0.026 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 59 Resp: 4222
Ion Ratio Lower Upper
59 100
57 11.7 8.7 13.1

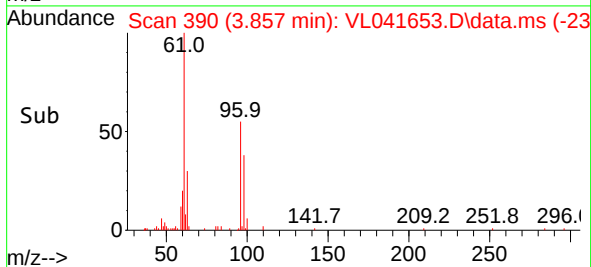
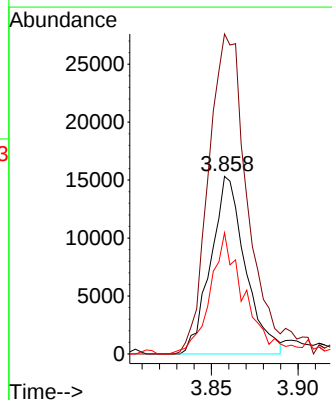
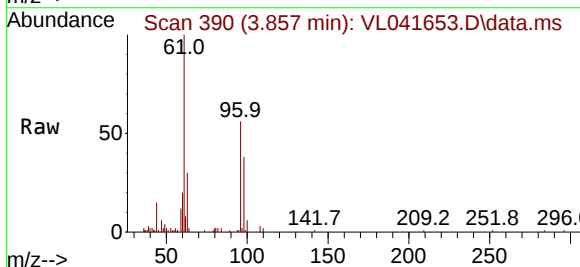
Manual Integrations
APPROVED

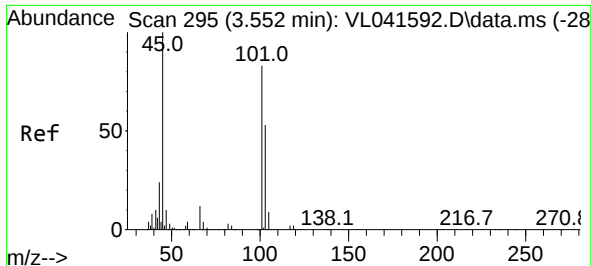
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
1,1-Dichloroethene
Concen: 0.451 ppbv
RT: 3.857 min Scan# 390
Delta R.T. 0.000 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

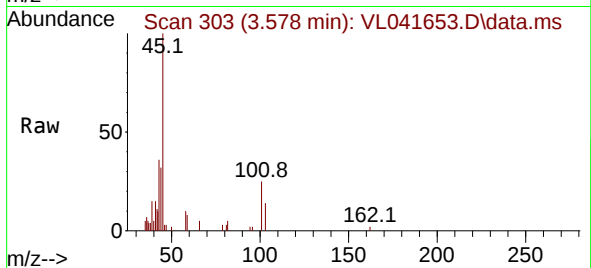
Tgt Ion: 96 Resp: 21233
Ion Ratio Lower Upper
96 100
61 178.9 155.6 233.4
98 65.9 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.338 ppbv m
RT: 3.578 min Scan# 303
Delta R.T. 0.026 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

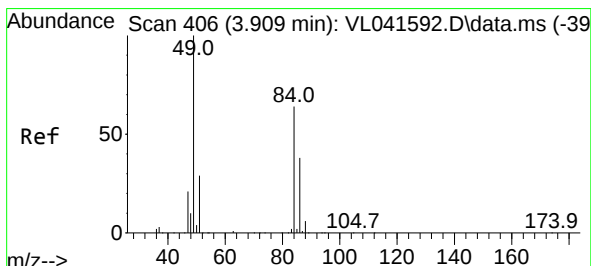
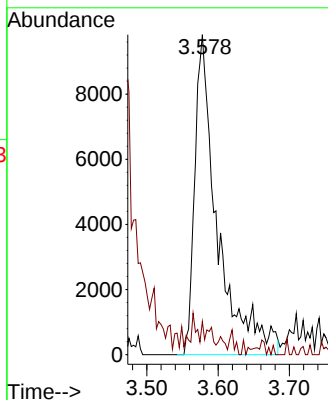
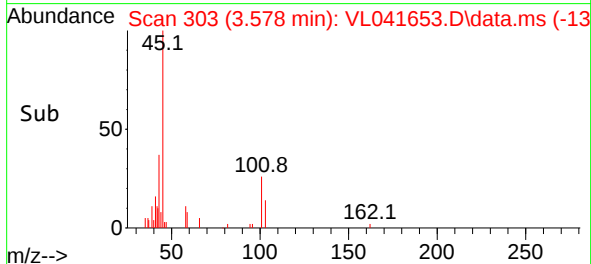
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



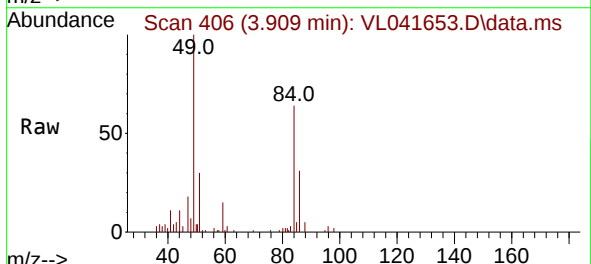
Tgt Ion: 45 Resp: 21728
Ion Ratio Lower Upper
45 100
58 13.6 2.1 3.1

Manual Integrations
APPROVED

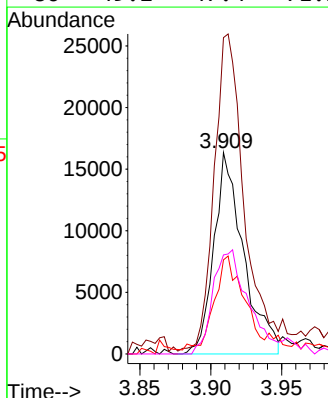
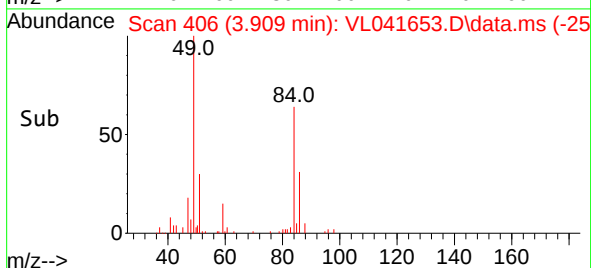
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

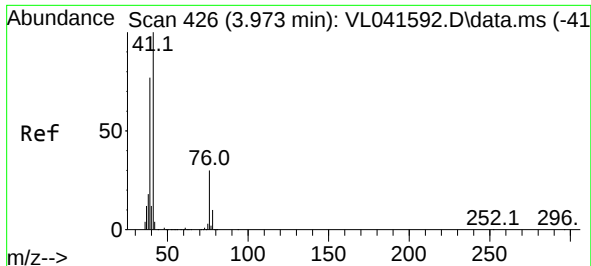


#20
Methylene Chloride
Concen: 0.506 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



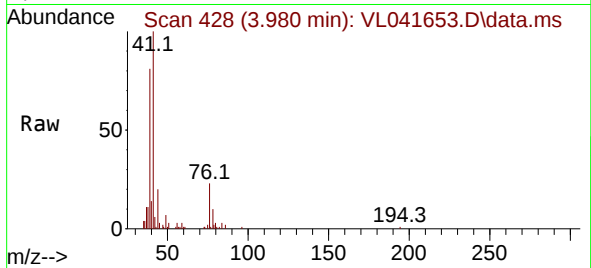
Tgt Ion: 84 Resp: 23837
Ion Ratio Lower Upper
84 100
49 155.5 124.3 186.5
51 44.5 36.3 54.5
86 49.2 47.4 71.2





#21
 Allyl Chloride
 Concen: 0.379 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

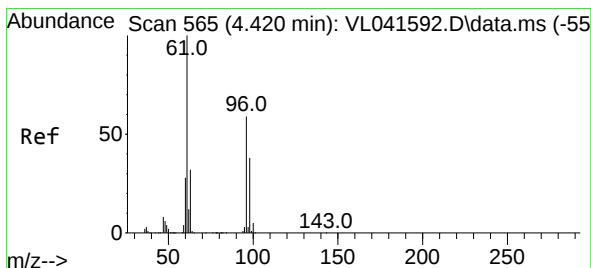
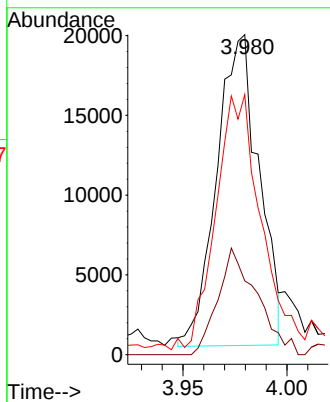
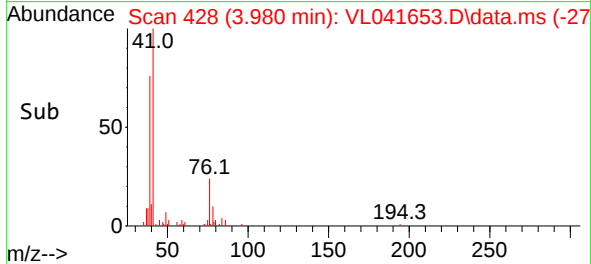
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 41 Resp: 2756
 Ion Ratio Lower Upper
 41 100
 76 35.0 23.8 35.6
 39 100.0 63.9 95.9

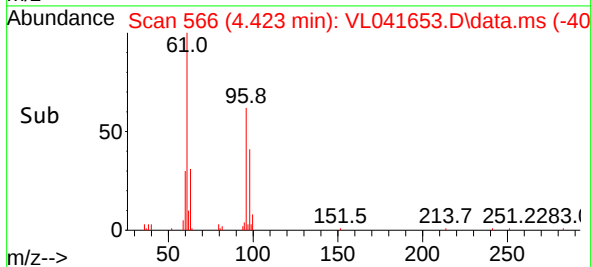
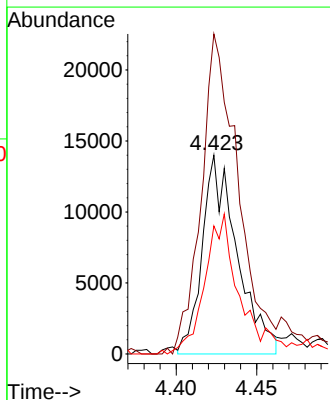
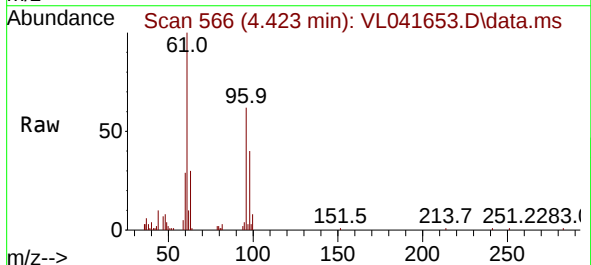
Manual Integrations
 APPROVED

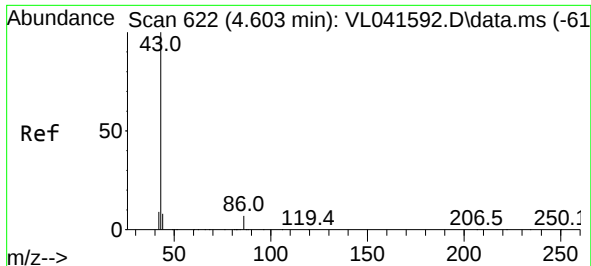
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#22
 trans-1,2-Dichloroethene
 Concen: 0.450 ppbv m
 RT: 4.423 min Scan# 566
 Delta R.T. 0.003 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

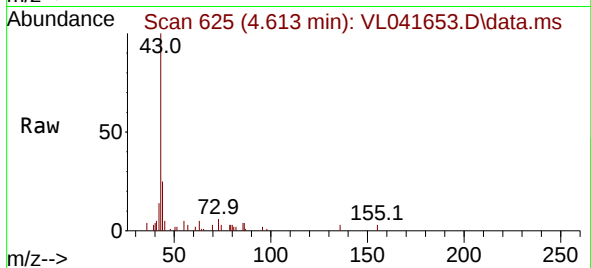
Tgt Ion: 96 Resp: 21132
 Ion Ratio Lower Upper
 96 100
 61 161.0 135.7 203.5
 98 64.4 50.9 76.3





#23
 Vinyl Acetate
 Concen: 0.403 ppbv
 RT: 4.613 min Scan# 61
 Delta R.T. 0.010 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

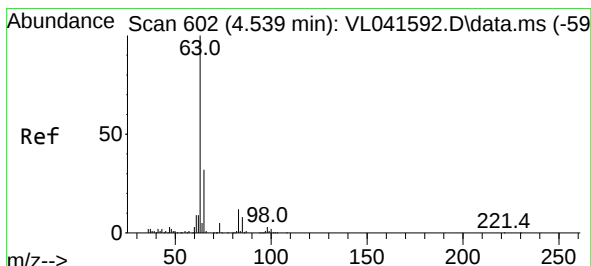
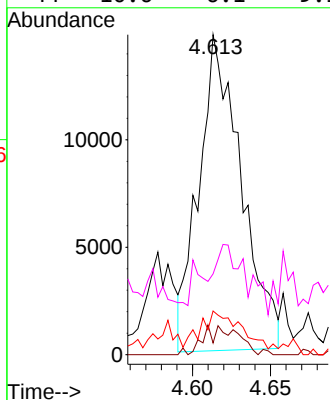
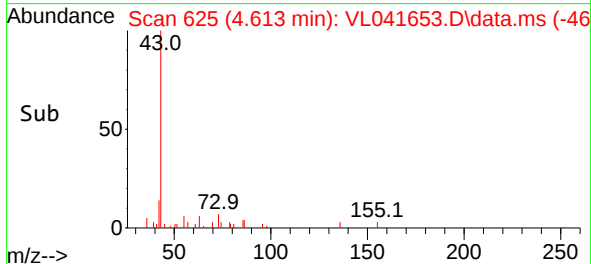
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 2779
 Ion Ratio Lower Upper
 43 100
 86 5.3 4.9 7.3
 42 13.2 8.0 12.0
 44 10.6 6.1 9.1

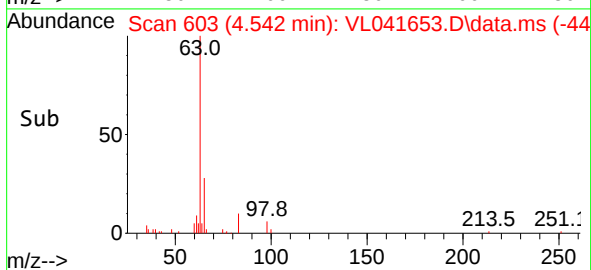
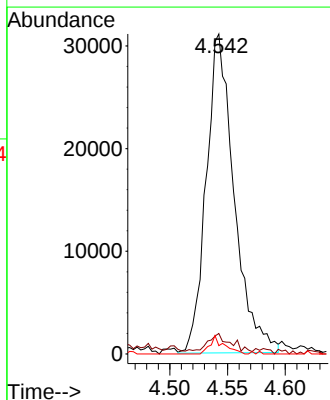
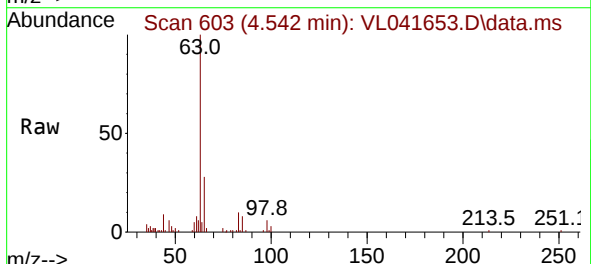
Manual Integrations
 APPROVED

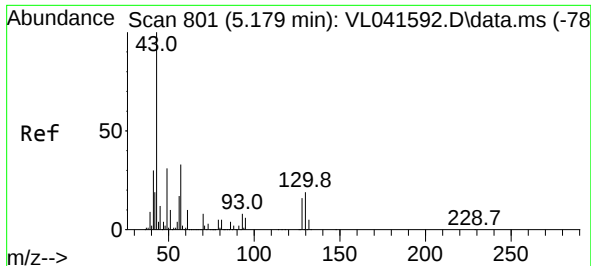
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#24
 1,1-Dichloroethane
 Concen: 0.504 ppbv
 RT: 4.542 min Scan# 603
 Delta R.T. 0.003 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

Tgt Ion: 63 Resp: 52257
 Ion Ratio Lower Upper
 63 100
 98 5.0 1.7 5.1
 100 2.6 1.1 3.3





#25

Ethyl Acetate

Concen: 0.410 ppbv

RT: 5.198 min Scan# 801

Delta R.T. 0.019 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

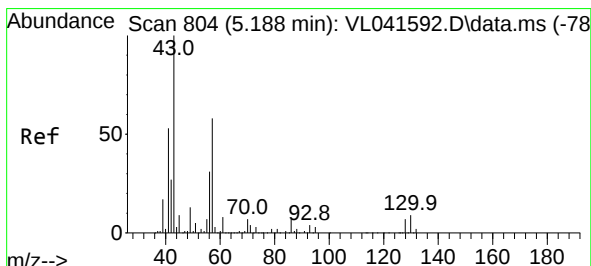
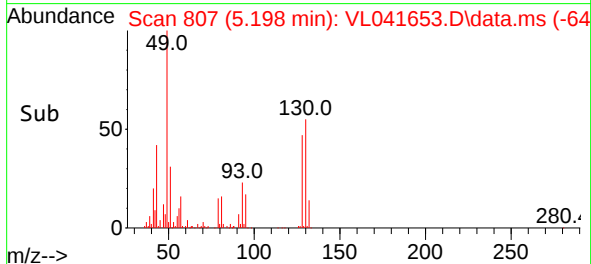
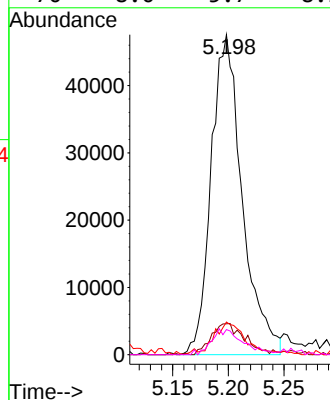
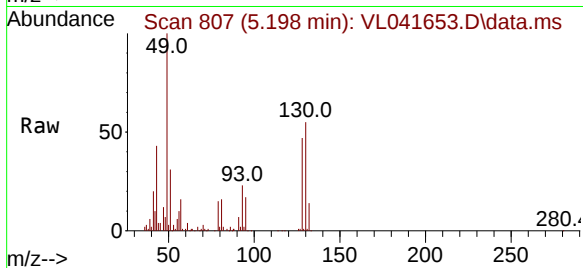
Tgt Ion: 43 Resp: 9226

Ion	Ratio	Lower	Upper
43	100		
45	11.4	8.2	12.2
61	11.3	8.0	12.0
70	8.0	5.7	8.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#26

Hexane

Concen: 0.360 ppbv

RT: 5.192 min Scan# 805

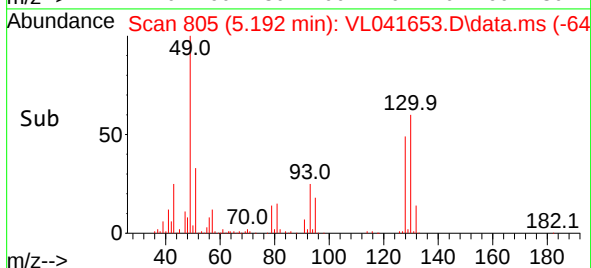
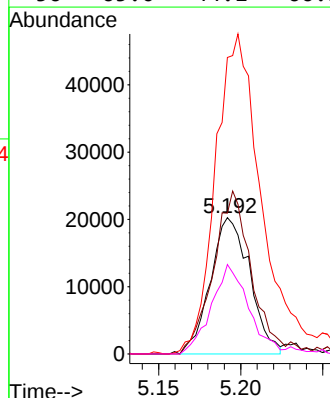
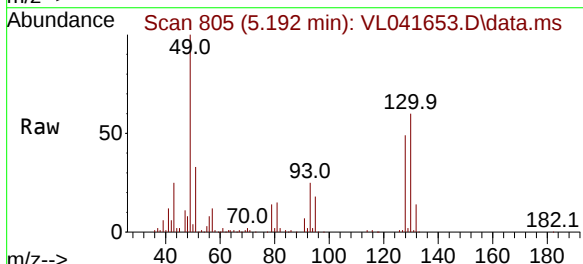
Delta R.T. 0.003 min

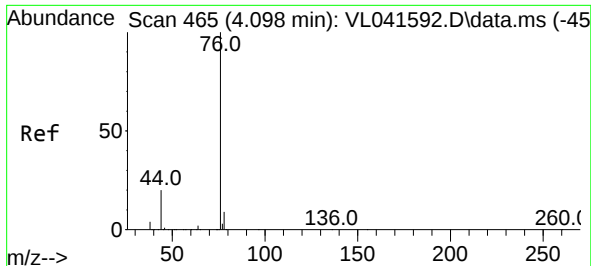
Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Tgt Ion: 57 Resp: 33803

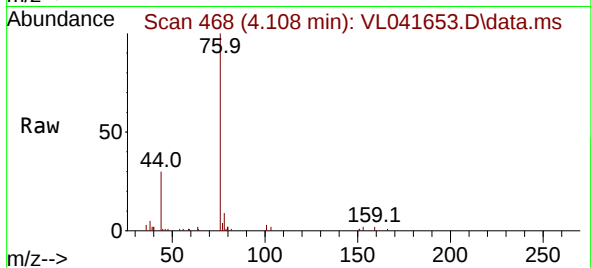
Ion	Ratio	Lower	Upper
57	100		
41	121.1	75.7	113.5#
43	281.2	198.5	297.7
56	65.0	44.1	66.1





#27
Carbon Disulfide
Concen: 0.359 ppbv m
RT: 4.108 min Scan# 4
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

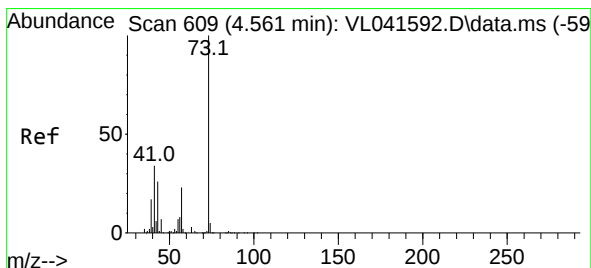
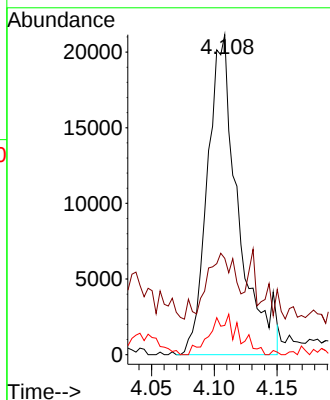
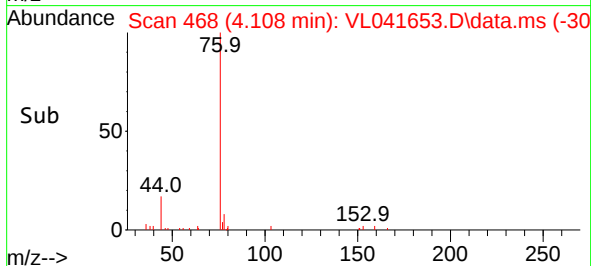
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 76 Resp: 35814
Ion Ratio Lower Upper
76 100
44 18.8 15.8 23.8
78 11.7 7.5 11.3

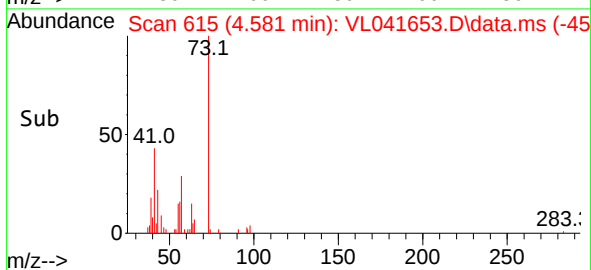
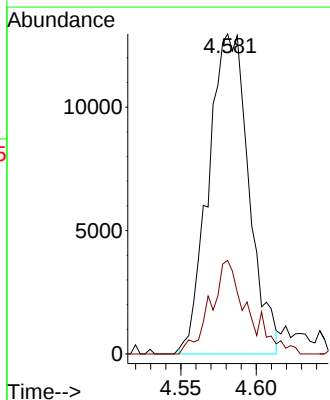
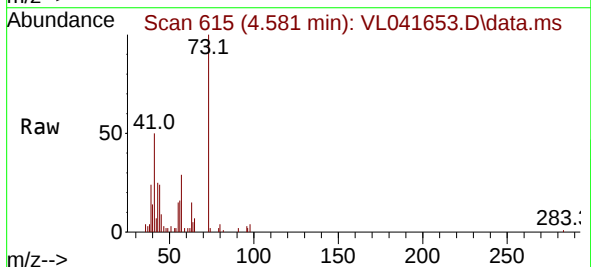
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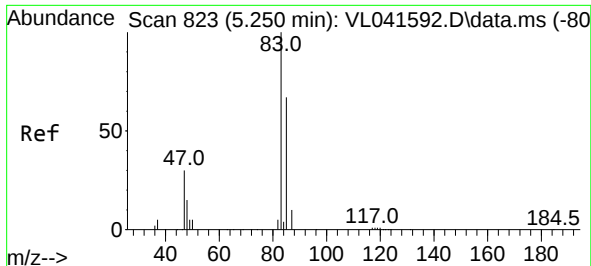
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#28
Methyl tert-Butyl Ether
Concen: 0.417 ppbv m
RT: 4.581 min Scan# 615
Delta R.T. 0.019 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Tgt Ion: 73 Resp: 24164
Ion Ratio Lower Upper
73 100
57 27.1 19.3 28.9





#29

Chloroform

Concen: 0.454 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 83 Resp: 69730

Ion Ratio Lower Upper

83 100

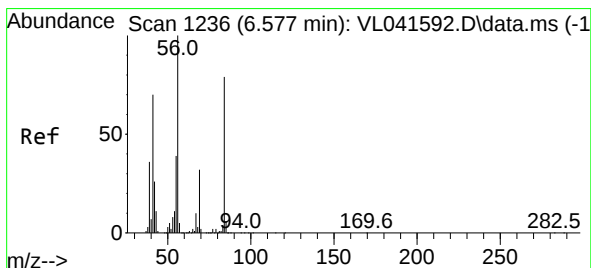
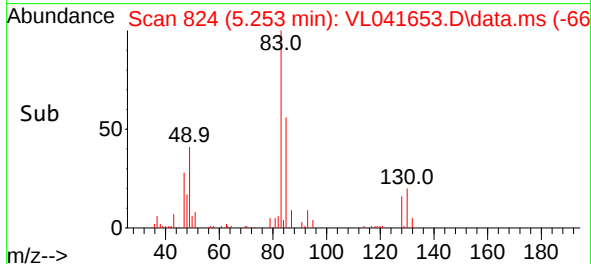
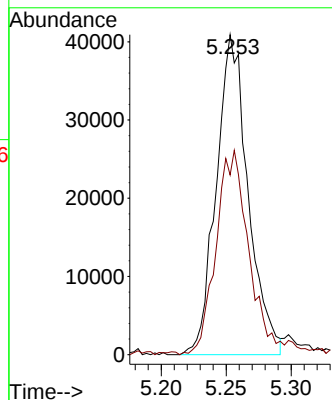
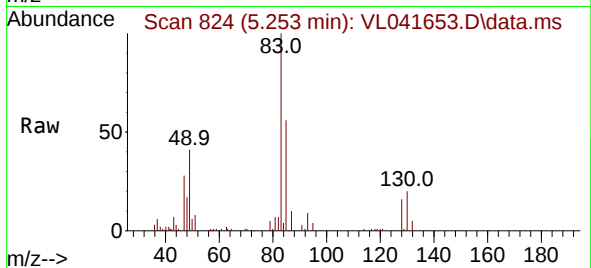
85 56.2 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#30

Cyclohexane

Concen: 0.275 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. 0.007 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

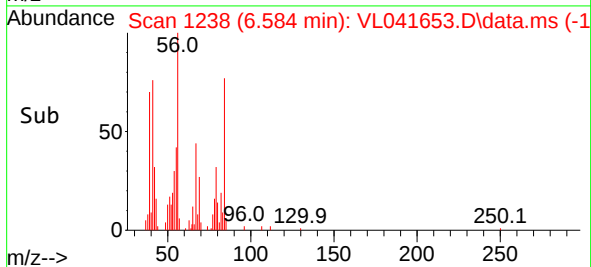
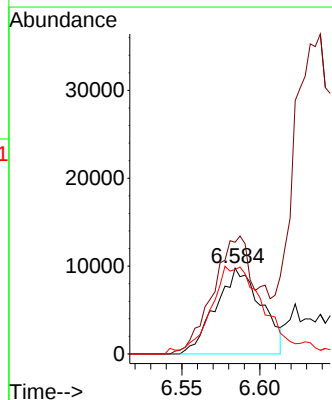
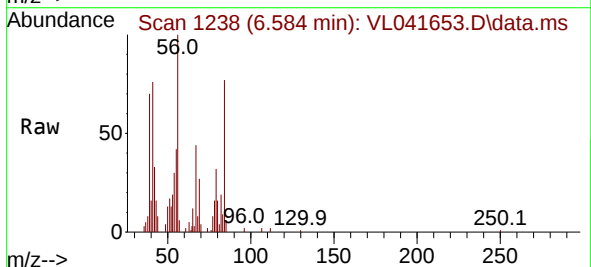
Tgt Ion: 84 Resp: 19890

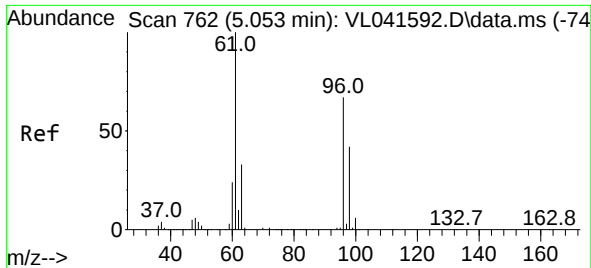
Ion Ratio Lower Upper

84 100

56 127.6 111.5 167.3

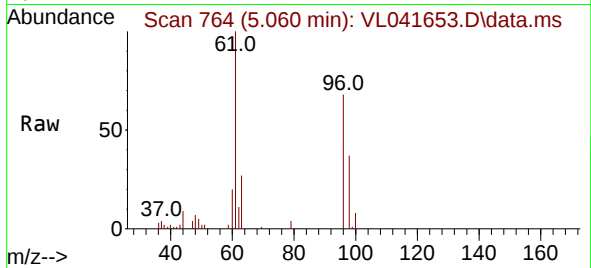
41 125.0 70.9 106.3





#31
 cis-1,2-Dichloroethene
 Concen: 0.364 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.007 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

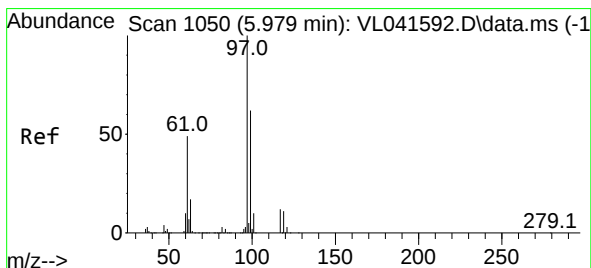
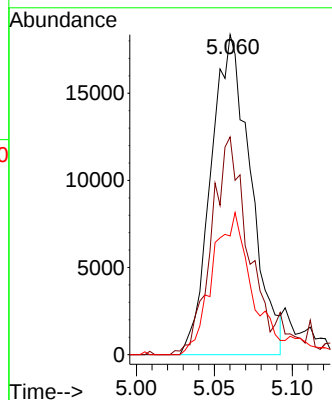
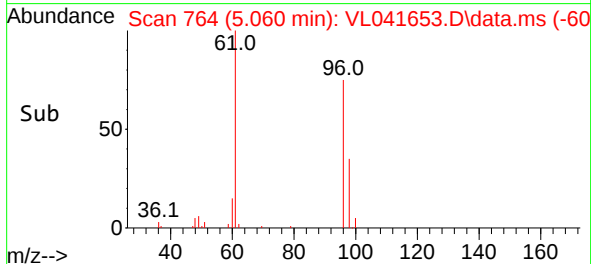
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 61 Resp: 3244
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.5 80.3
 98 37.1 33.7 50.5

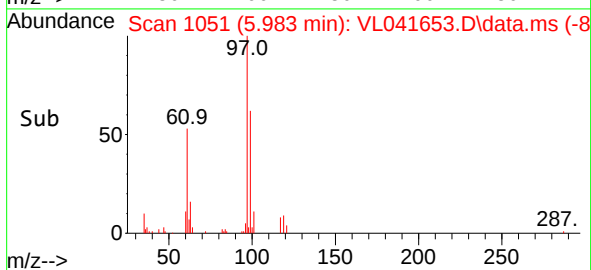
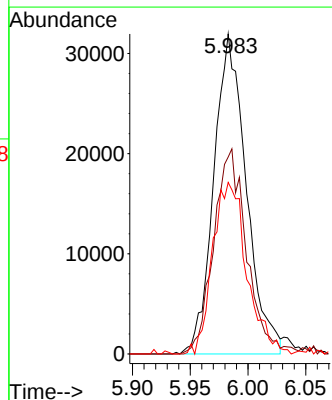
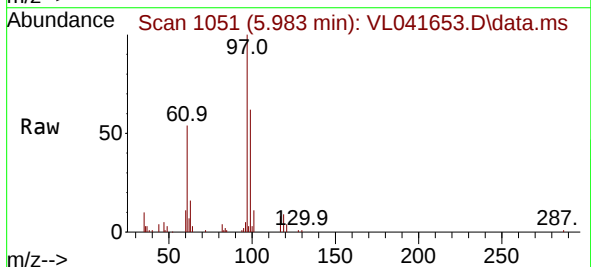
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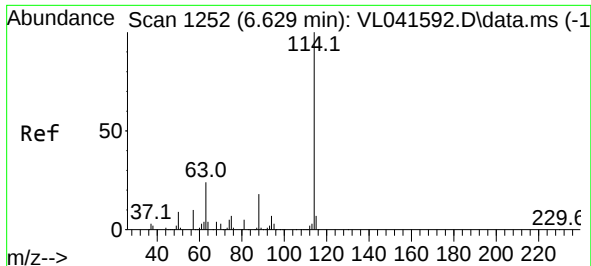
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#32
 1,1,1-Trichloroethane
 Concen: 0.455 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. 0.003 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

Tgt Ion: 97 Resp: 62338
 Ion Ratio Lower Upper
 97 100
 99 66.2 51.0 76.4
 61 56.5 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion:114 Resp: 2736150

Ion Ratio Lower Upper

114 100

63 25.1 20.2 30.2

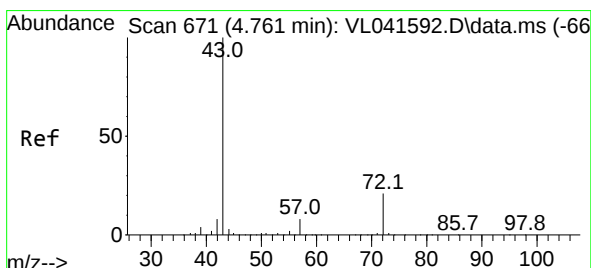
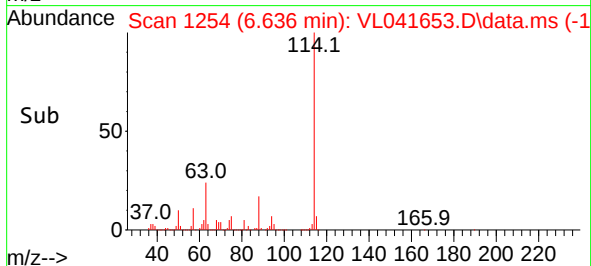
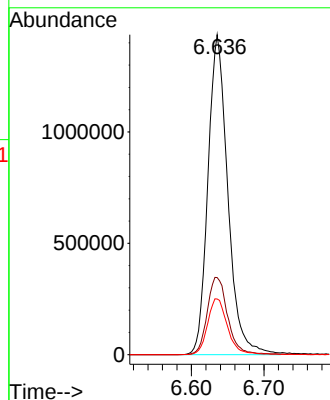
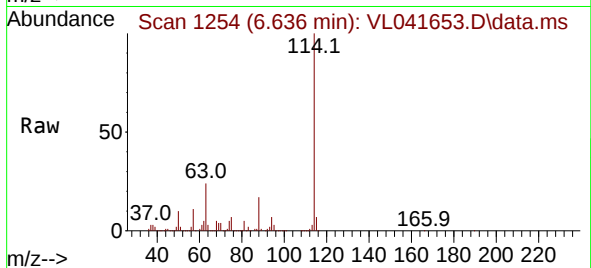
88 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#34

2-Butanone

Concen: 0.421 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.023 min

Lab File: VL041653.D

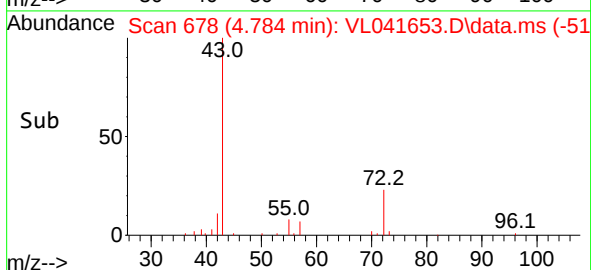
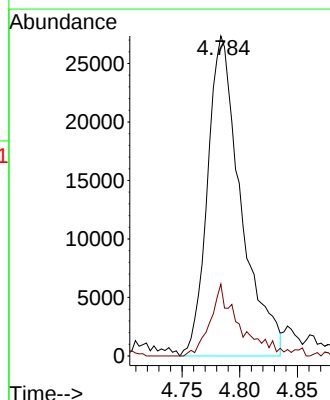
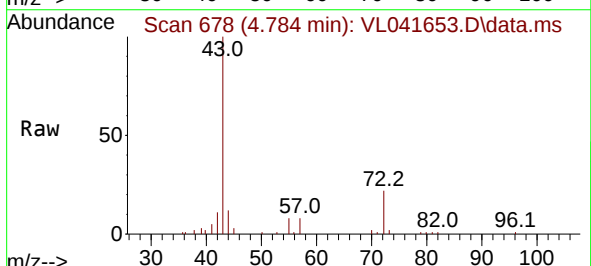
Acq: 10 Oct 2024 22:00

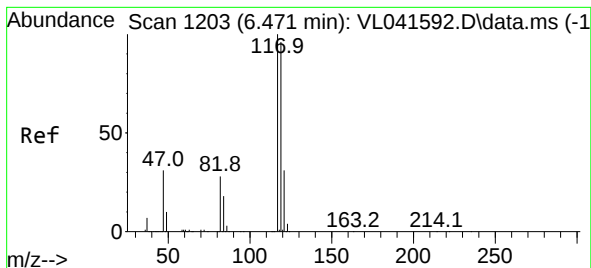
Tgt Ion: 43 Resp: 54959

Ion Ratio Lower Upper

43 100

72 20.8 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.461 ppbv

RT: 6.475 min Scan# 1166

Delta R.T. 0.003 min

Lab File: VL041653.D

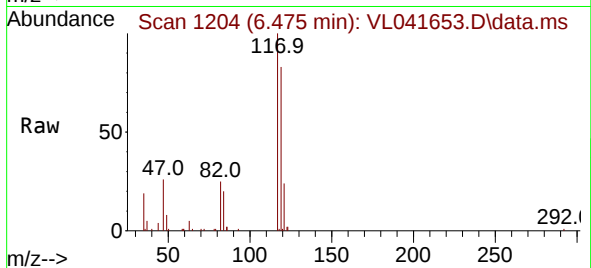
Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 117 Resp: 6185

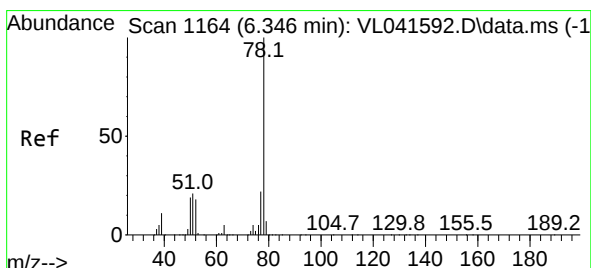
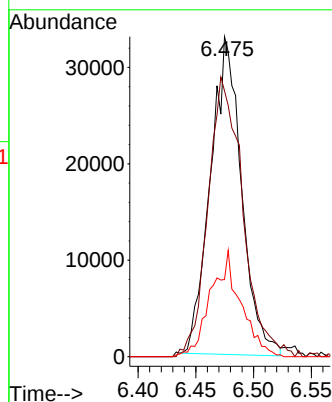
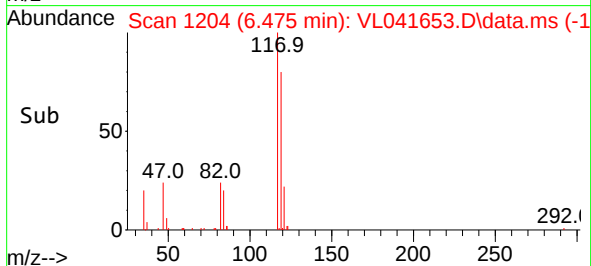
Ion	Ratio	Lower	Upper
117	100		
119	81.6	76.8	115.2
121	23.8	25.0	37.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#36

Benzene

Concen: 0.372 ppbv

RT: 6.353 min Scan# 1166

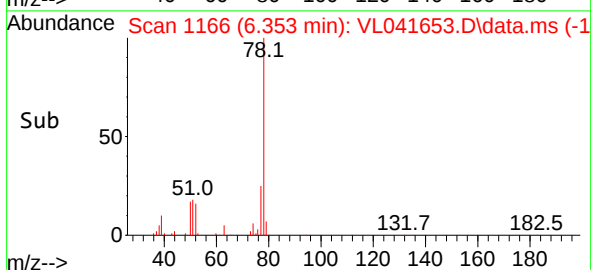
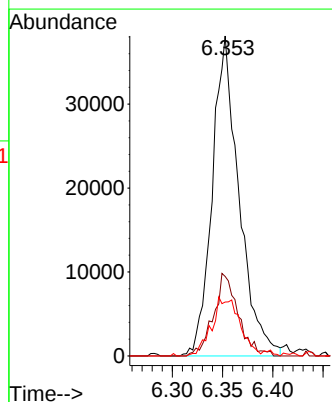
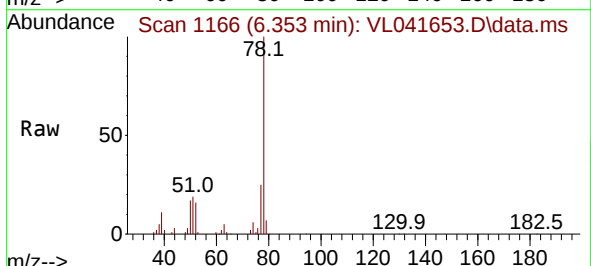
Delta R.T. 0.007 min

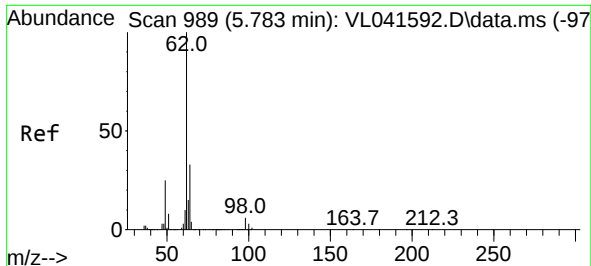
Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Tgt Ion: 78 Resp: 70672

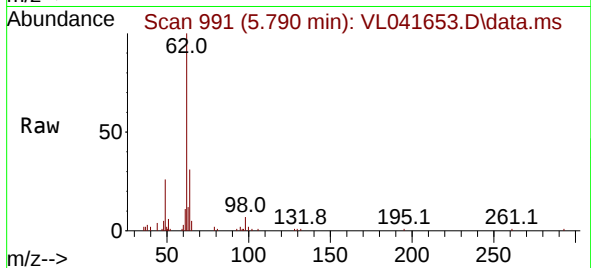
Ion	Ratio	Lower	Upper
78	100		
77	24.8	17.8	26.6
50	16.9	15.4	23.0





#37
1,2-Dichloroethane
Concen: 0.423 ppbv
RT: 5.790 min Scan# 989
Delta R.T. 0.007 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

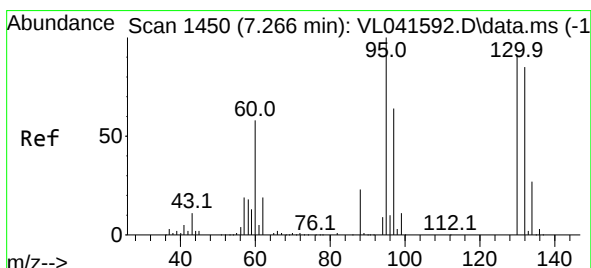
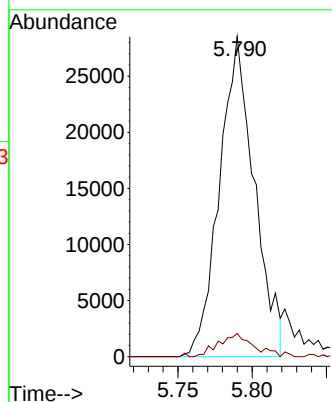
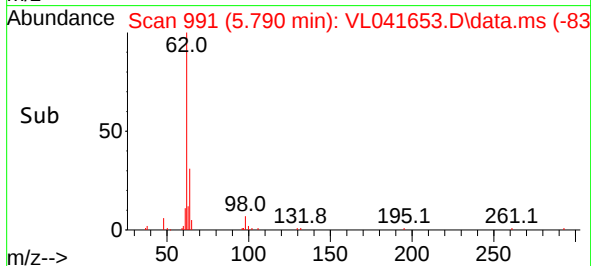
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



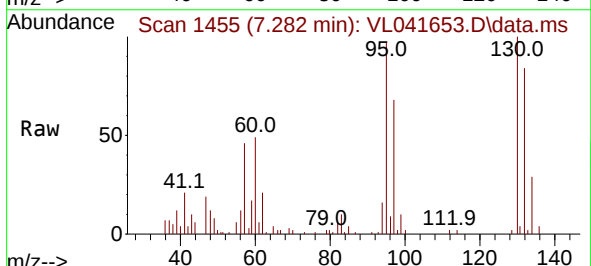
Tgt Ion: 62 Resp: 4662
Ion Ratio Lower Upper
62 100
98 7.4 4.8 7.2

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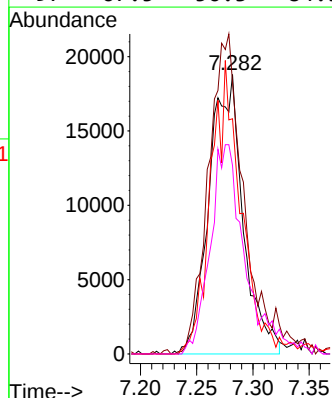
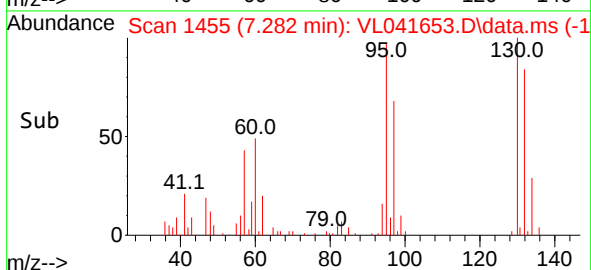
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

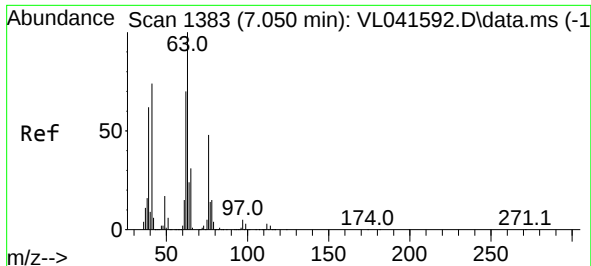


#38
Trichloroethene
Concen: 0.401 ppbv m
RT: 7.282 min Scan# 1455
Delta R.T. 0.016 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



Tgt Ion:130 Resp: 39270
Ion Ratio Lower Upper
130 100
95 97.2 87.7 131.5
132 84.2 74.5 111.7
97 67.5 56.3 84.5





#39

1,2-Dichloropropane

Concen: 0.387 ppbv

RT: 7.054 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041653.D

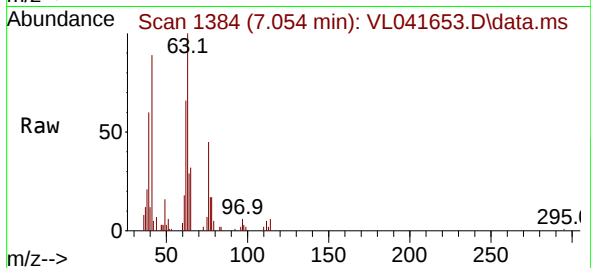
Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

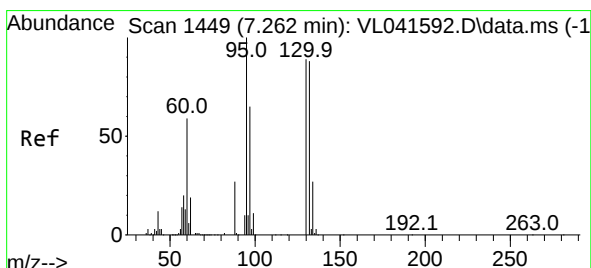
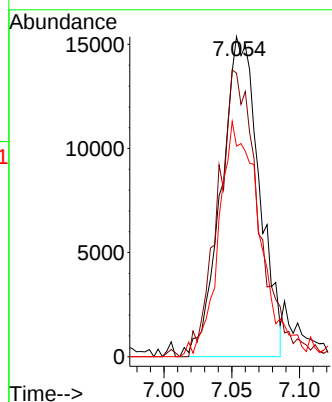
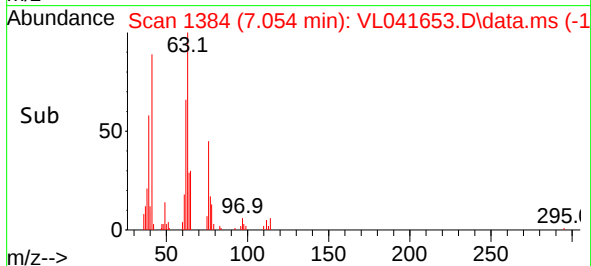


Tgt Ion:	63	Resp:	29934
Ion Ratio	Lower	Upper	
63	100		
41	88.6	59.5	89.3
62	65.8	56.2	84.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#40

1,4-Dioxane

Concen: 0.191 ppbv m

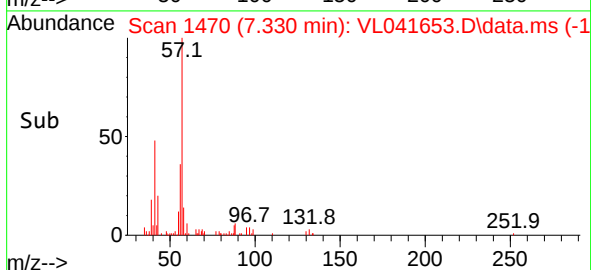
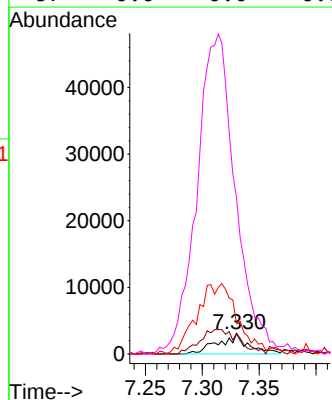
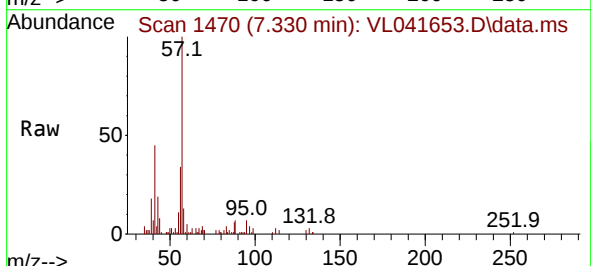
RT: 7.330 min Scan# 1470

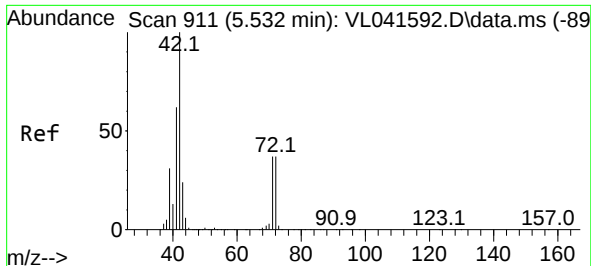
Delta R.T. 0.068 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

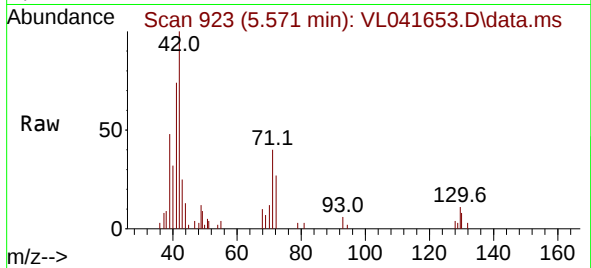
Tgt Ion:	88	Resp:	5576
Ion Ratio	Lower	Upper	
88	100		
58	0.0	100.2	150.4#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.310 ppbv m
RT: 5.571 min Scan# 911
Delta R.T. 0.039 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

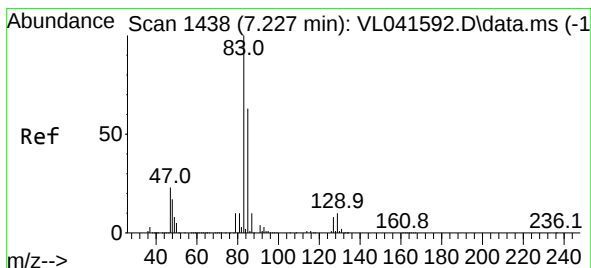
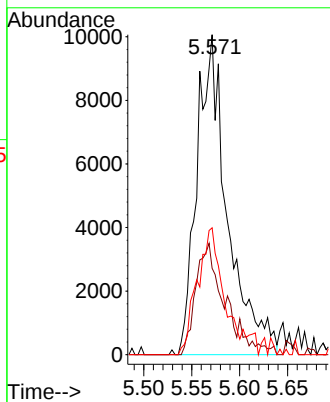
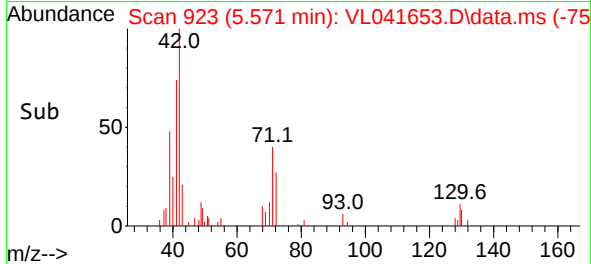
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 42 Resp: 22284
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2
71 0.0 29.6 44.4

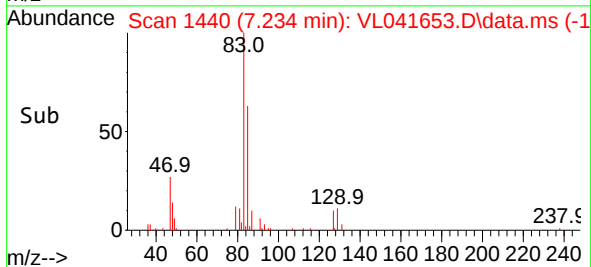
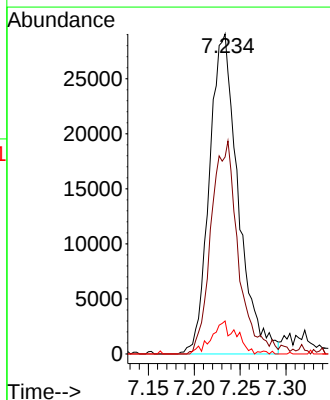
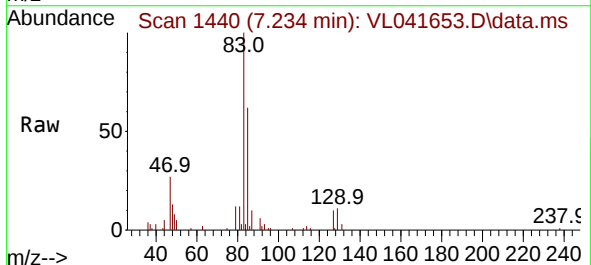
Manual Integrations
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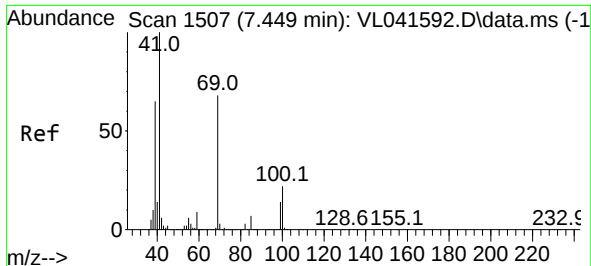
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#42
Bromodichloromethane
Concen: 0.414 ppbv
RT: 7.234 min Scan# 1440
Delta R.T. 0.007 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

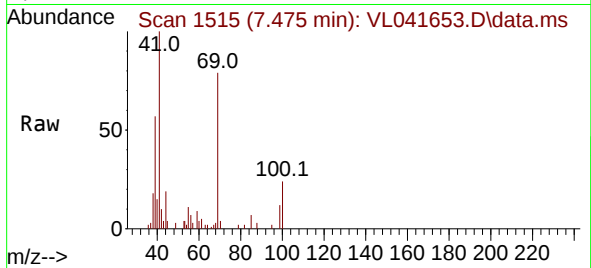
Tgt Ion: 83 Resp: 63535
Ion Ratio Lower Upper
83 100
85 61.5 50.5 75.7
127 10.3 6.5 9.7





#43
Methyl Methacrylate
Concen: 0.280 ppbv m
RT: 7.475 min Scan# 1515
Delta R.T. 0.026 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

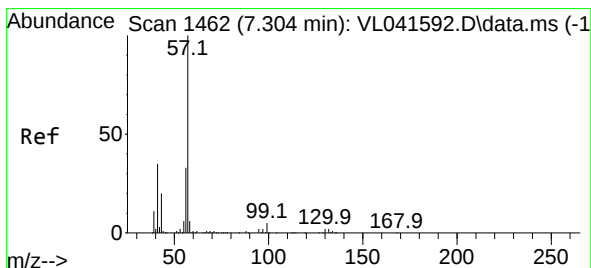
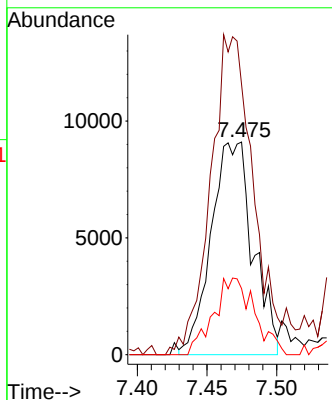
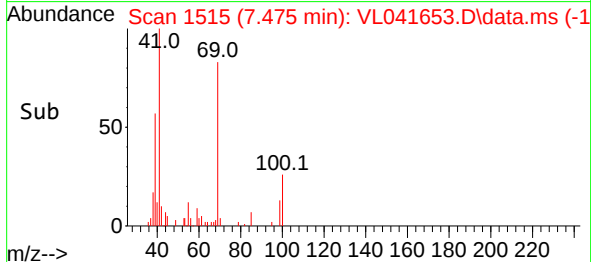
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 69 Resp: 19070
Ion Ratio Lower Upper
69 100
41 157.3 121.8 182.6
100 35.1 26.5 39.7

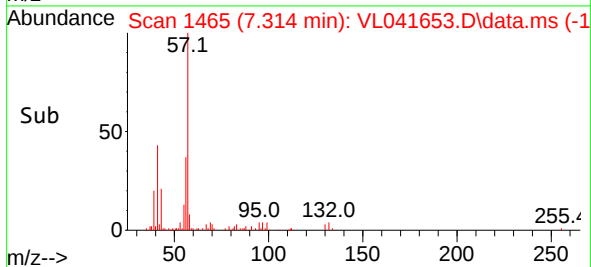
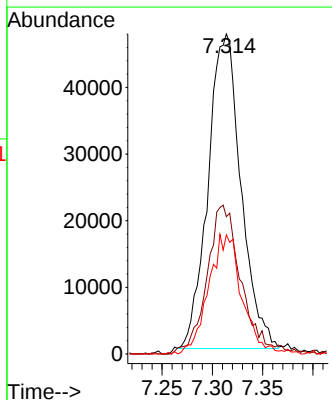
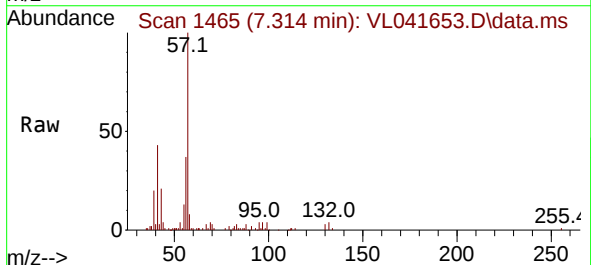
Manual Integrations
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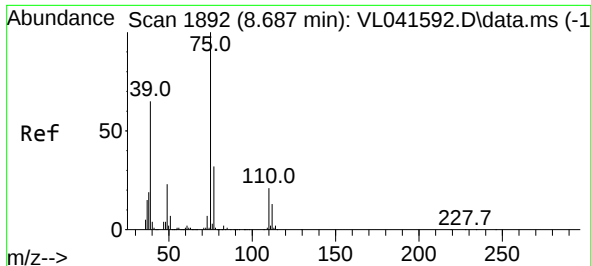
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#44
2,2,4-Trimethylpentane
Concen: 0.327 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Tgt Ion: 57 Resp: 107516
Ion Ratio Lower Upper
57 100
41 49.4 27.0 40.6#
56 38.7 25.5 38.3#





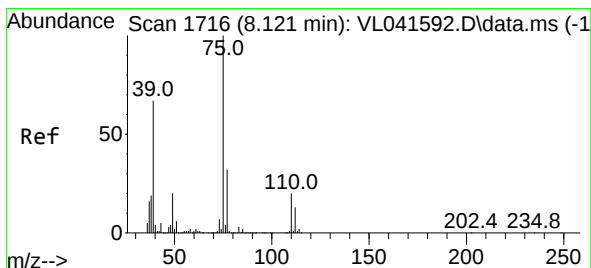
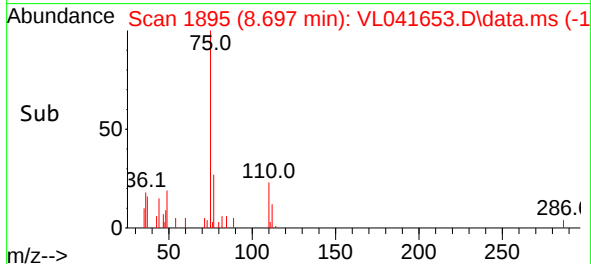
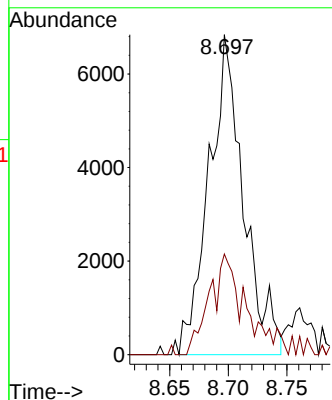
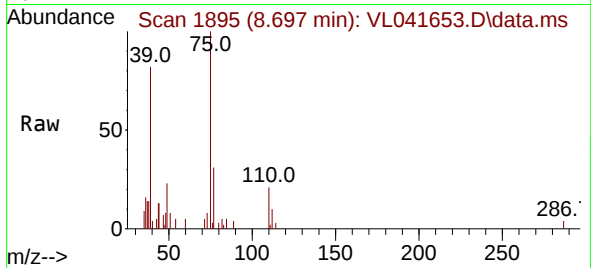
#45
t-1,3-Dichloropropene
Concen: 0.255 ppbv m
RT: 8.697 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 75 Resp: 1400
Ion Ratio Lower Upper
75 100
77 31.5 25.4 38.0

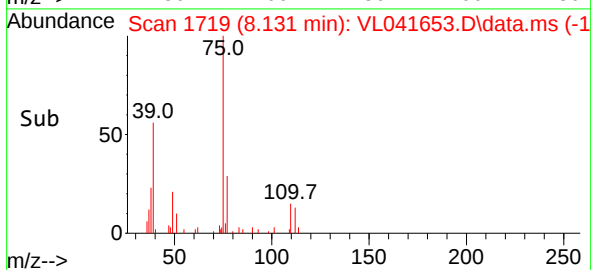
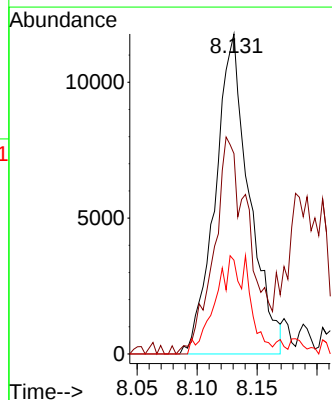
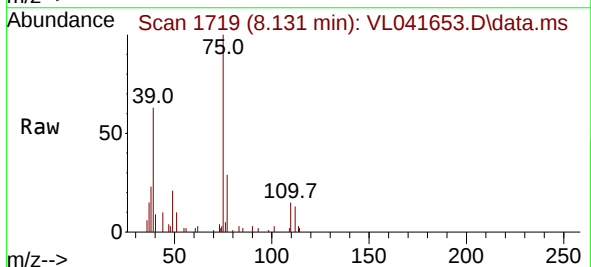
Manual Integrations
APPROVED

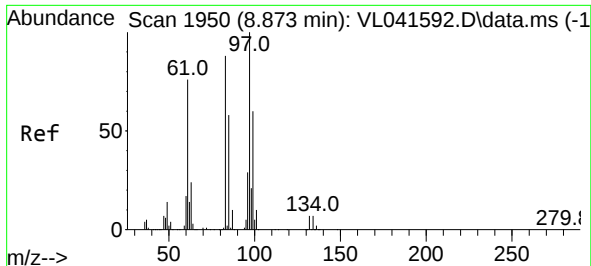
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#46
cis-1,3-Dichloropropene
Concen: 0.289 ppbv
RT: 8.131 min Scan# 1719
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Tgt Ion: 75 Resp: 23203
Ion Ratio Lower Upper
75 100
39 61.2 54.0 81.0
77 29.3 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.432 ppbv

RT: 8.883 min Scan# 1950

Delta R.T. 0.010 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 97 Resp: 35470

Ion Ratio Lower Upper

97 100

83 92.4 70.2 105.4

85 52.5 46.3 69.5

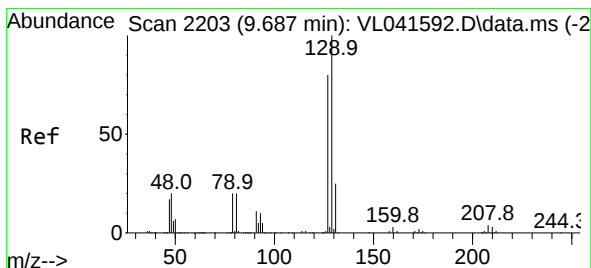
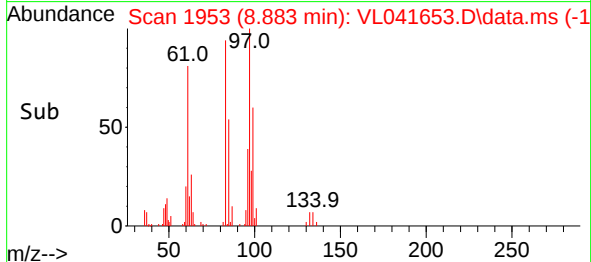
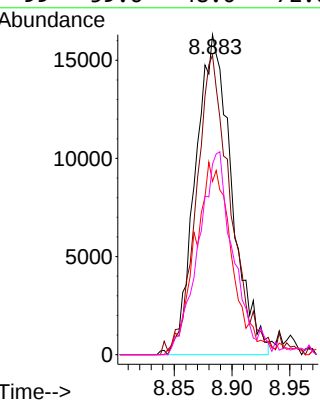
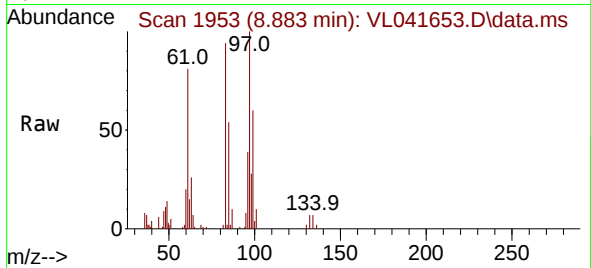
99 59.6 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#48

Dibromochloromethane

Concen: 0.350 ppbv m

RT: 9.693 min Scan# 2205

Delta R.T. 0.007 min

Lab File: VL041653.D

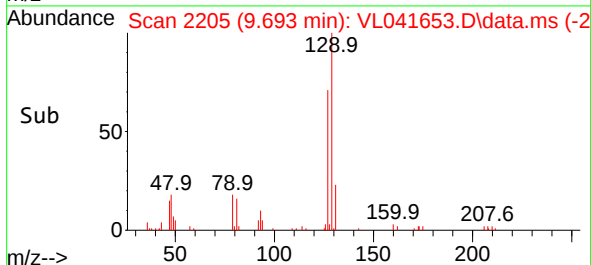
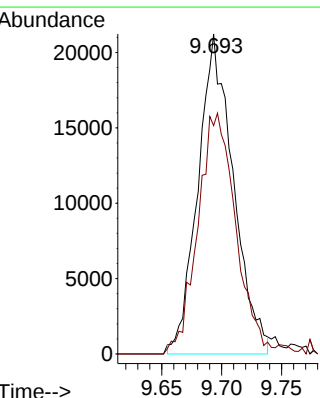
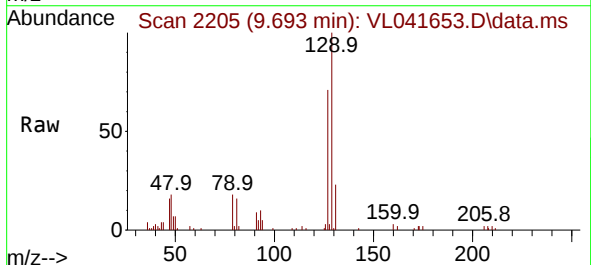
Acq: 10 Oct 2024 22:00

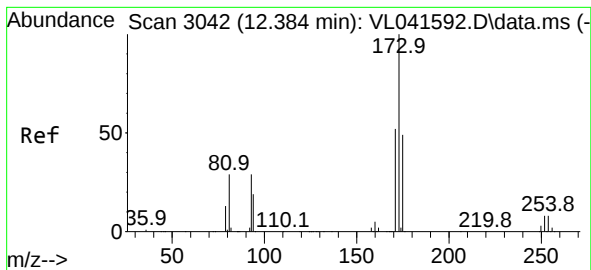
Tgt Ion:129 Resp: 43511

Ion Ratio Lower Upper

129 100

127 80.6 39.3 117.9





#49

Bromoform

Concen: 0.340 ppbv m

RT: 12.394 min Scan# 3042

Delta R.T. 0.010 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

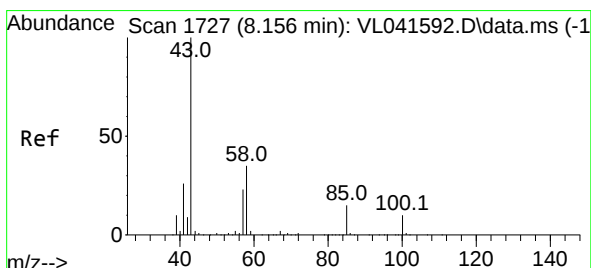
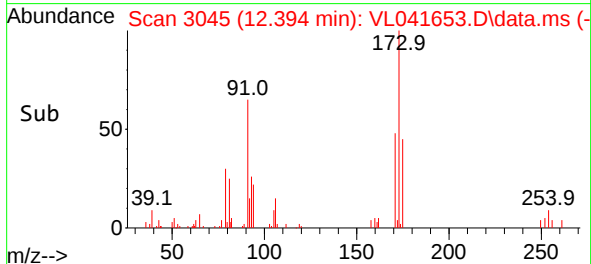
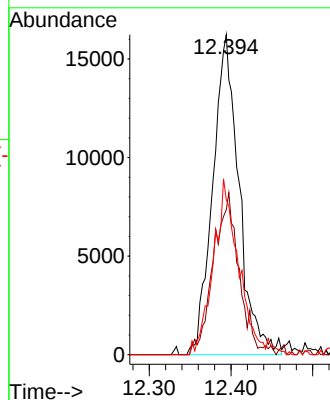
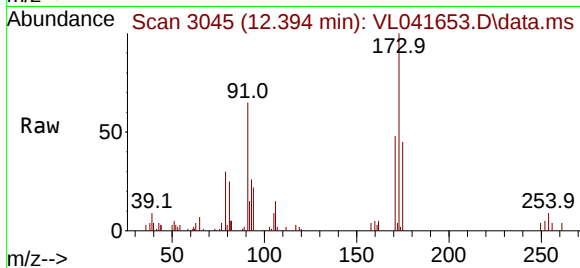
LOD-MDL-AIR-01-QT4-2024

Tgt Ion:173	Resp:	3625
Ion Ratio	Lower	Upper
173	100	
175	49.9	40.1 60.1
171	53.4	42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#50

4-Methyl-2-Pentanone

Concen: 0.304 ppbv m

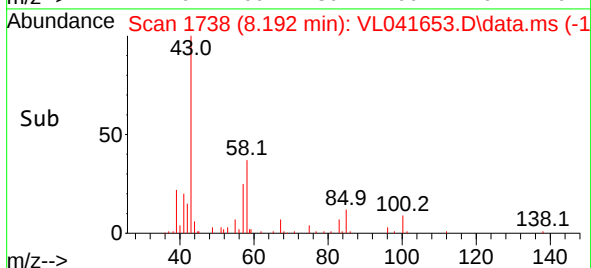
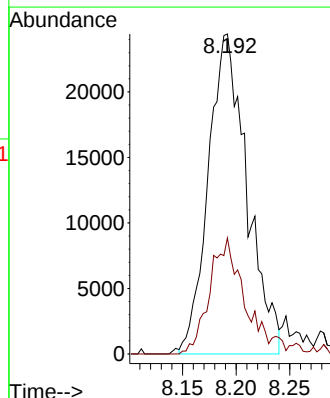
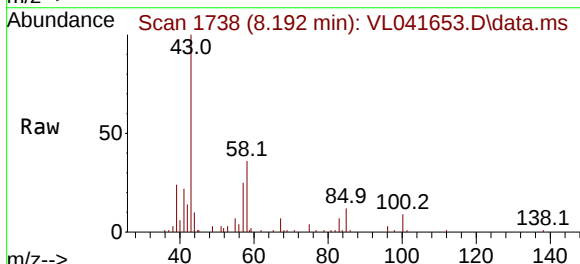
RT: 8.192 min Scan# 1738

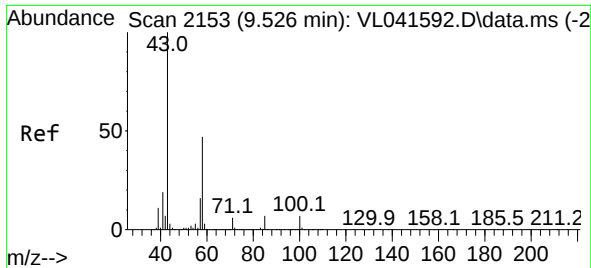
Delta R.T. 0.036 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

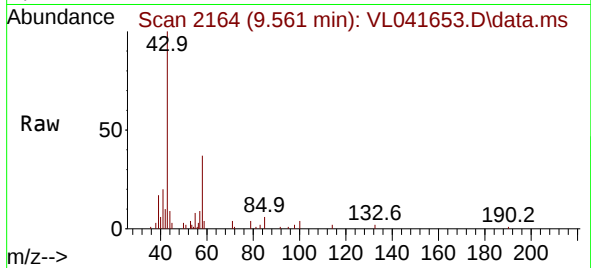
Tgt Ion: 43	Resp:	61341
Ion Ratio	Lower	Upper
43	100	
58	34.0	27.8 41.8





#51
2-Hexanone
Concen: 0.278 ppbv m
RT: 9.561 min Scan# 2153
Delta R.T. 0.036 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

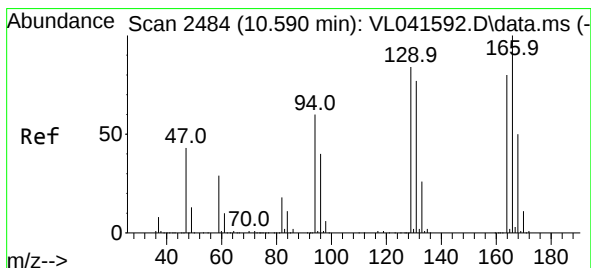
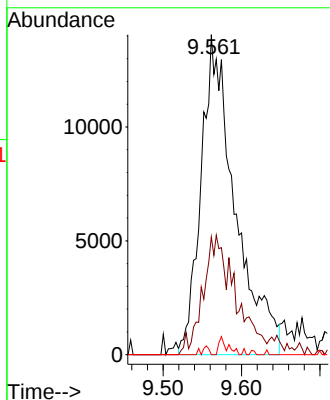
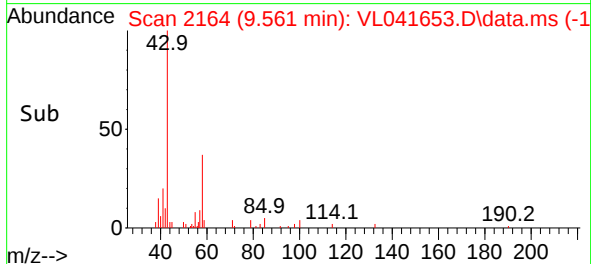
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion: 43 Resp: 42302
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8
98 0.0 0.5 0.7

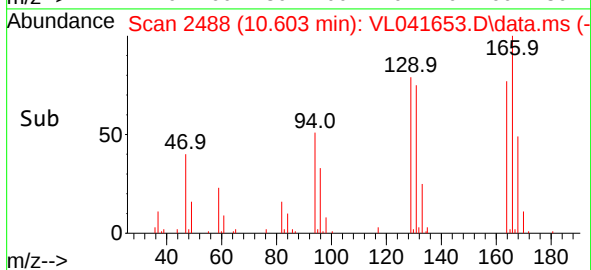
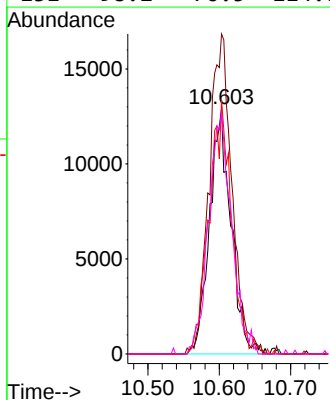
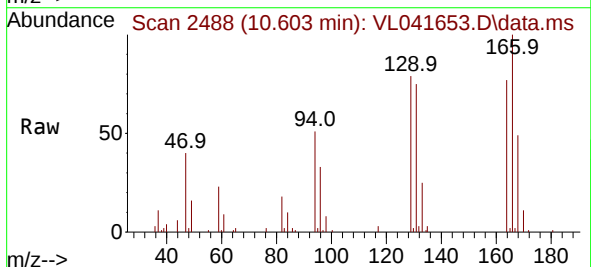
Manual Integrations
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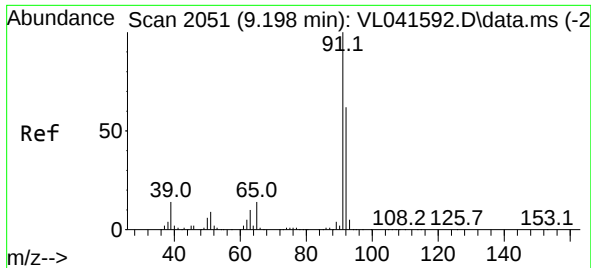
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Tetrachloroethene
Concen: 0.395 ppbv m
RT: 10.603 min Scan# 2488
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Tgt Ion:164 Resp: 27175
Ion Ratio Lower Upper
164 100
166 130.4 99.4 149.2
129 103.5 83.5 125.3
131 98.2 76.5 114.7





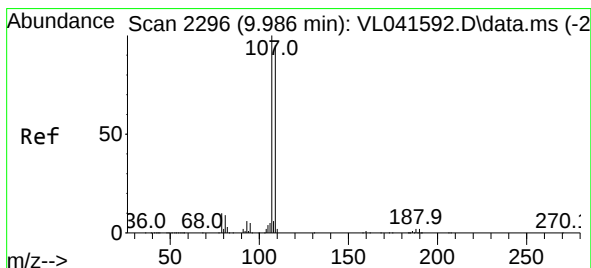
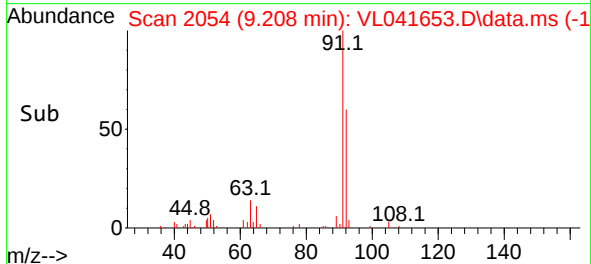
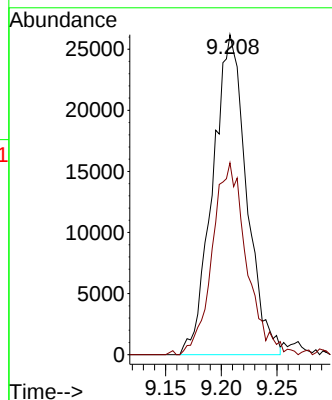
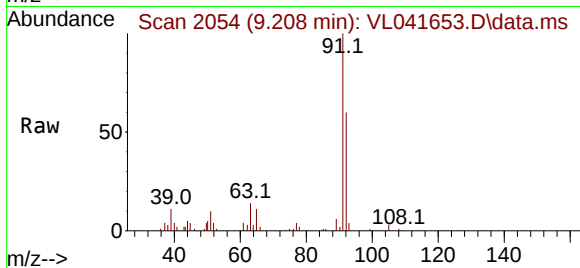
#53
Toluene
Concen: 0.276 ppbv
RT: 9.208 min Scan# 2051
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 91 Resp: 55629
Ion Ratio Lower Upper
91 100
92 61.6 48.9 73.3

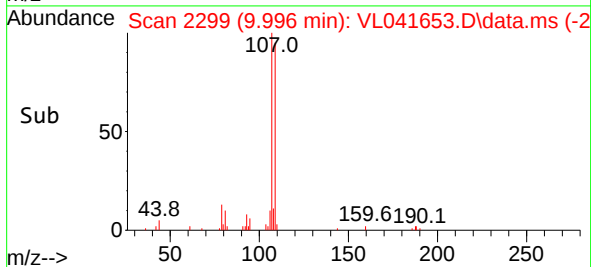
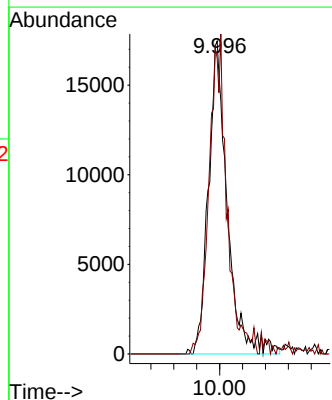
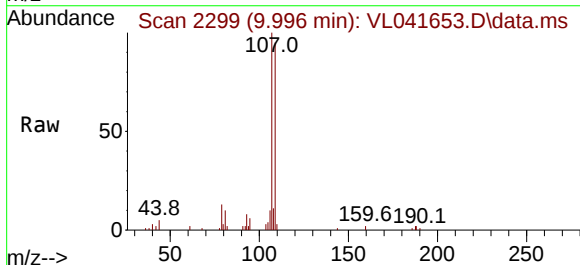
Manual Integrations
APPROVED

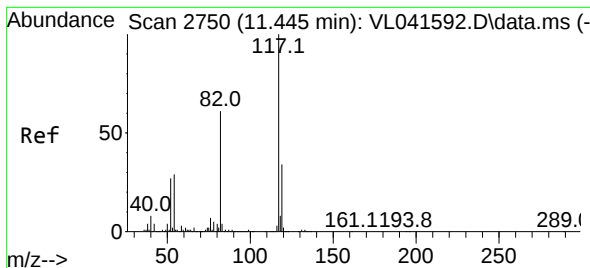
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#54
1,2-Dibromoethane
Concen: 0.395 ppbv m
RT: 9.996 min Scan# 2299
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

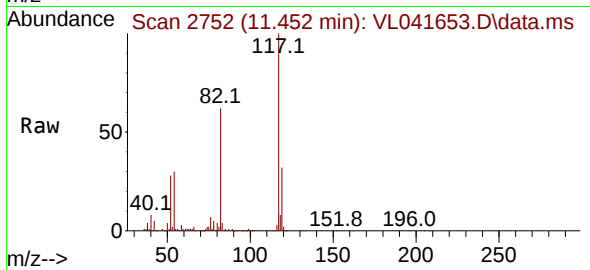
Tgt Ion:107 Resp: 39965
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

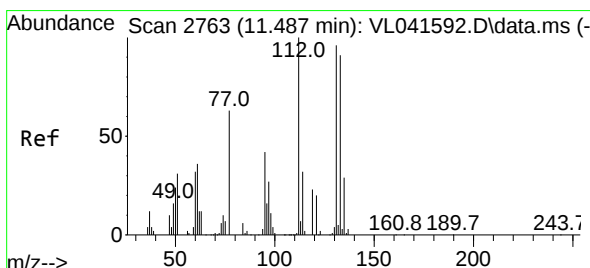
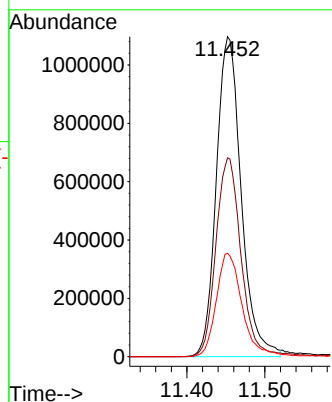
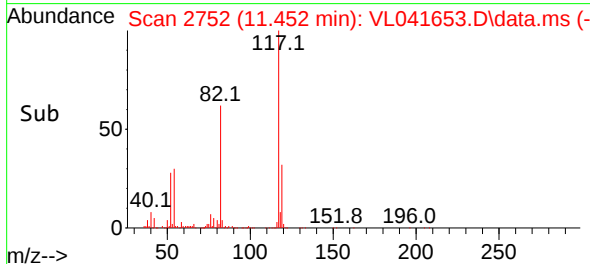
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



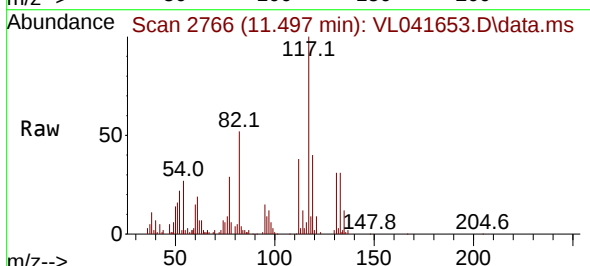
Tgt Ion:117 Resp: 243820
Ion Ratio Lower Upper
117 100
82 63.7 49.4 74.2
119 33.9 24.4 36.6

Manual Integrations
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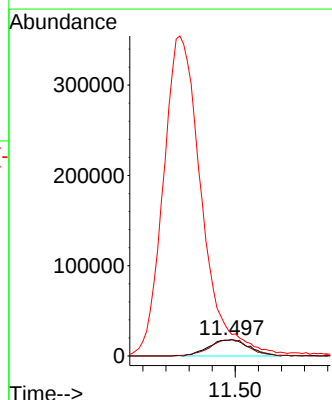
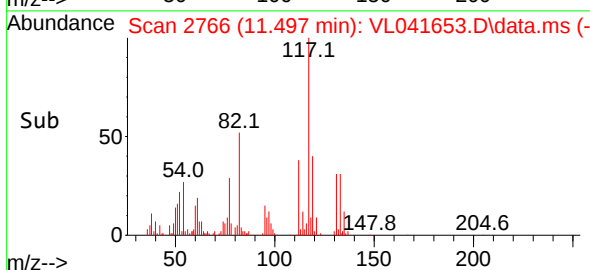
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

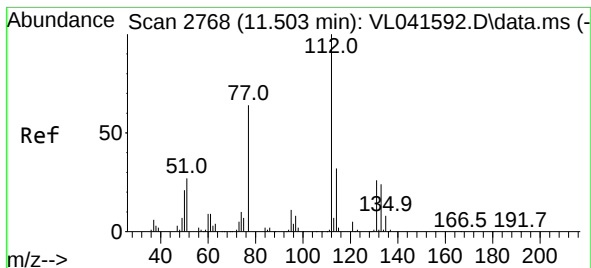


#56
1,1,1,2-Tetrachloroethane
Concen: 0.462 ppbv
RT: 11.497 min Scan# 2766
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



Tgt Ion:131 Resp: 43988
Ion Ratio Lower Upper
131 100
133 97.7 76.6 115.0
119 1878.9 48.5 72.7#





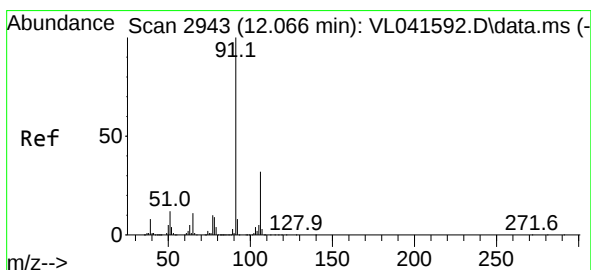
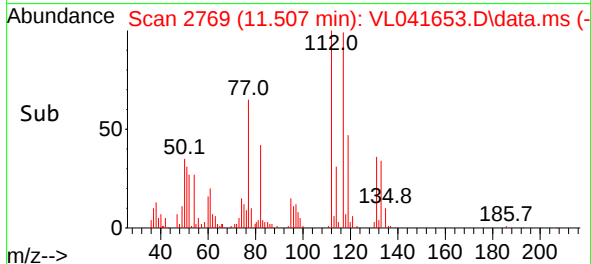
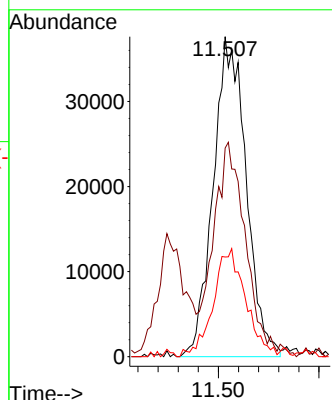
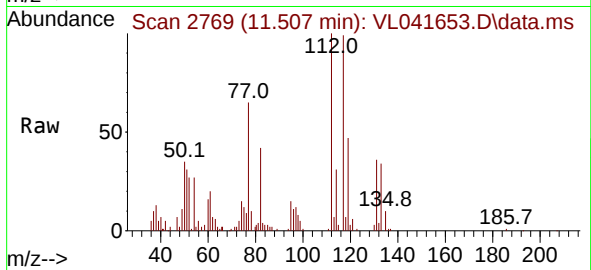
#57
Chlorobenzene
Concen: 0.485 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. 0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 112 Resp: 8525
Ion Ratio Lower Upper
112 100
77 61.3 52.0 78.0
114 31.2 28.6 35.0

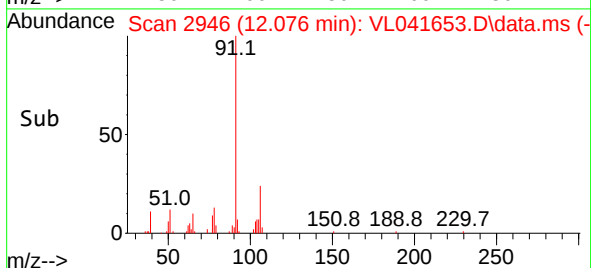
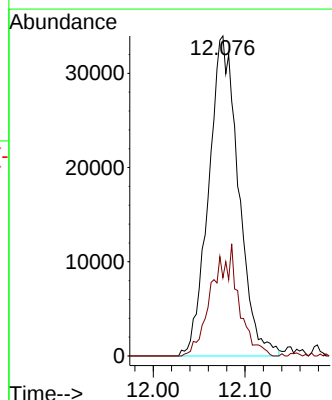
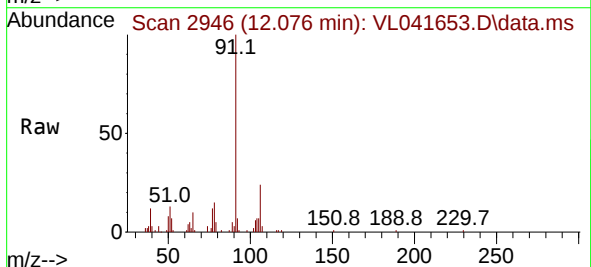
Manual Integrations
APPROVED

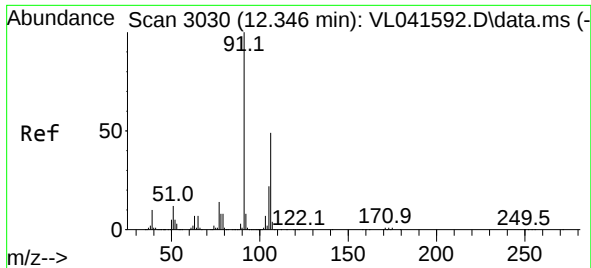
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#58
Ethyl Benzene
Concen: 0.295 ppbv m
RT: 12.076 min Scan# 2946
Delta R.T. 0.010 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Tgt Ion: 91 Resp: 76922
Ion Ratio Lower Upper
91 100
106 24.5 25.8 38.6#





#59

m/p-Xylene

Concen: 0.655 ppbv m

RT: 12.362 min Scan# 3035

Delta R.T. 0.016 min

Lab File: VL041653.D

Acq: 10 Oct 2024 22:00

Instrument :

MSVOA_L

ClientSampleId :

LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 91 Resp: 152189

Ion Ratio Lower Upper

91 100

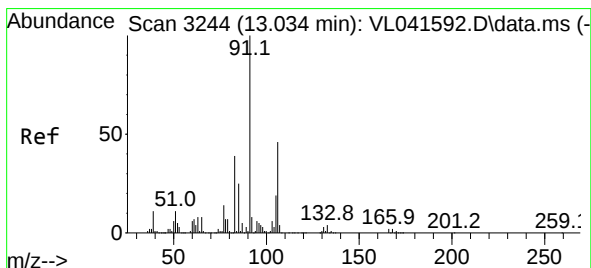
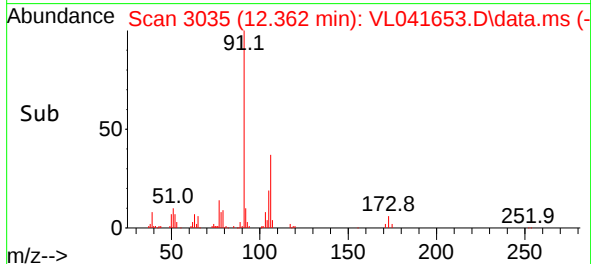
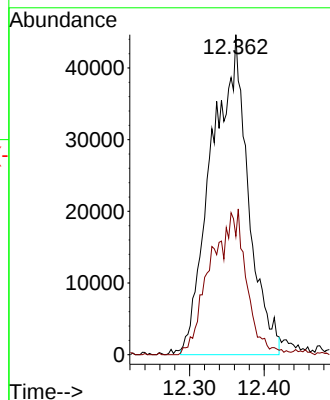
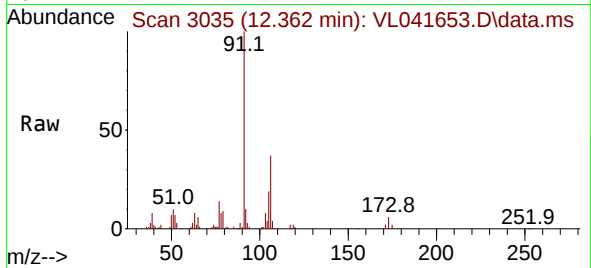
106 0.0 36.8 55.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/11/2024

Supervised By :Mahesh Dadoda 10/14/2024



#60

o-Xylene

Concen: 0.295 ppbv

RT: 13.047 min Scan# 3248

Delta R.T. 0.013 min

Lab File: VL041653.D

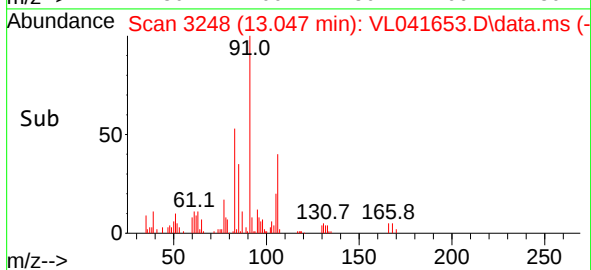
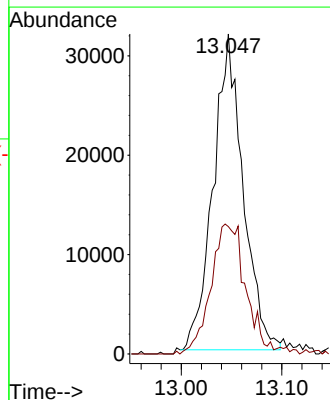
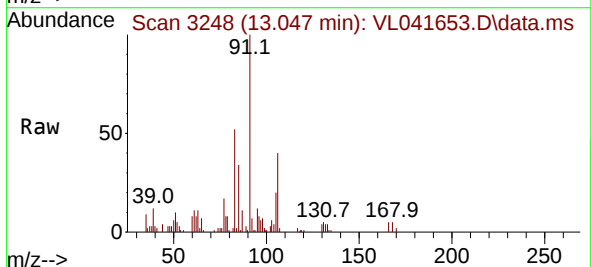
Acq: 10 Oct 2024 22:00

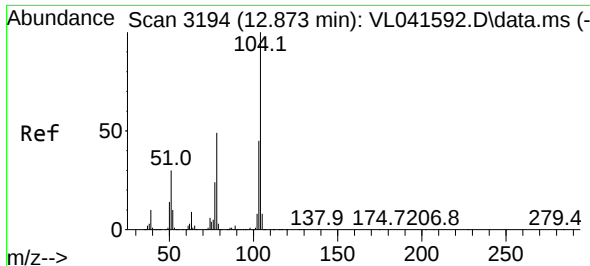
Tgt Ion: 91 Resp: 65624

Ion Ratio Lower Upper

91 100

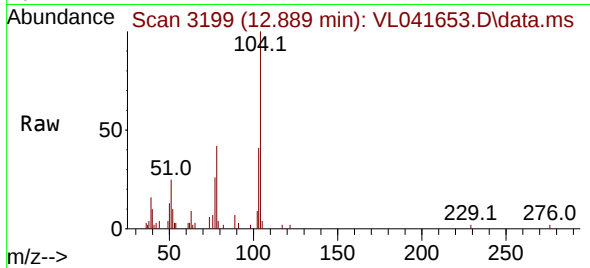
106 49.1 23.1 69.3





#61
Styrene
Concen: 0.231 ppbv m
RT: 12.889 min Scan# 3199
Delta R.T. 0.016 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

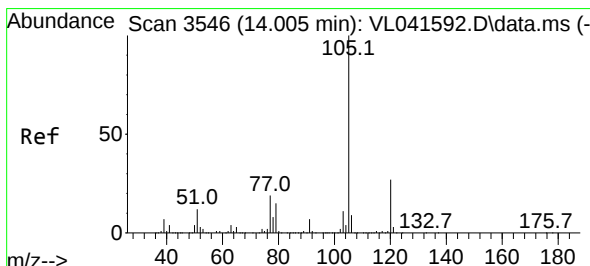
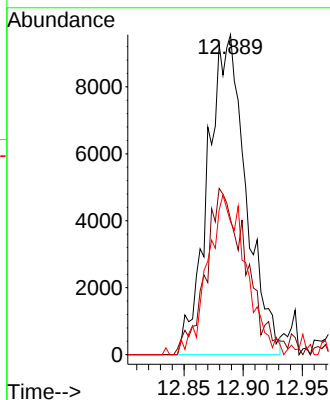
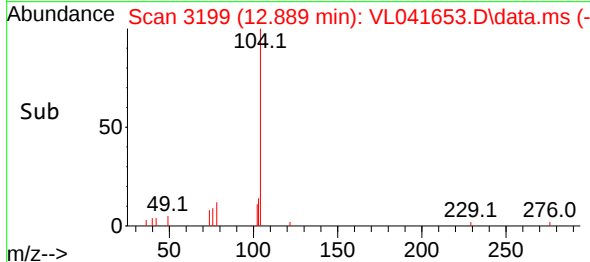
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:104 Resp: 21499
Ion Ratio Lower Upper
104 100
78 57.2 39.8 59.6
103 50.4 37.4 56.0

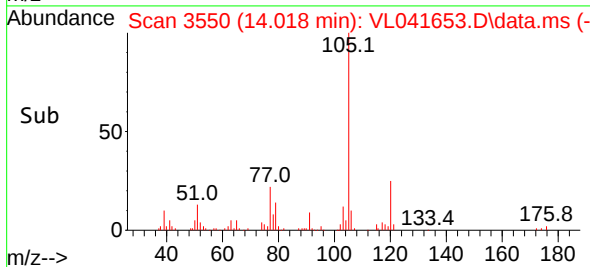
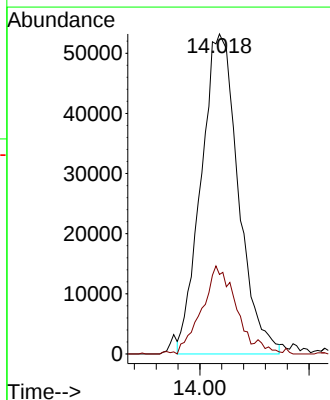
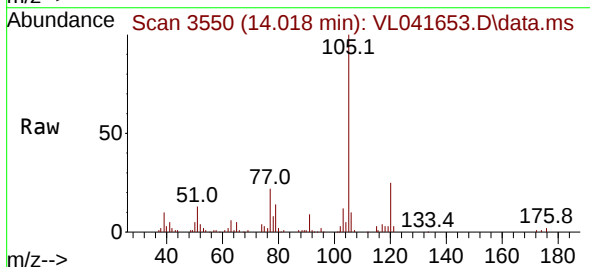
Manual Integrations
APPROVED

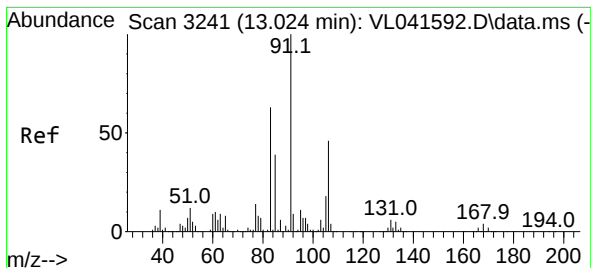
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#62
Isopropylbenzene
Concen: 0.374 ppbv m
RT: 14.018 min Scan# 3550
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

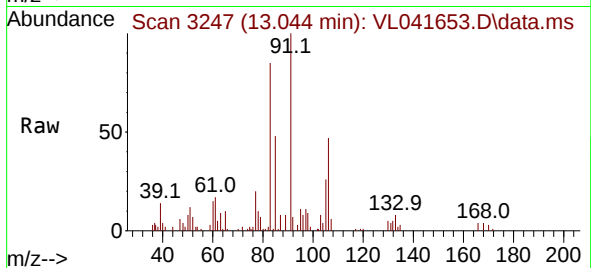
Tgt Ion:105 Resp: 126212
Ion Ratio Lower Upper
105 100
120 0.0 20.9 31.3#





#63
1,1,2,2-Tetrachloroethane
Concen: 0.507 ppbv
RT: 13.044 min Scan# 31
Delta R.T. 0.020 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

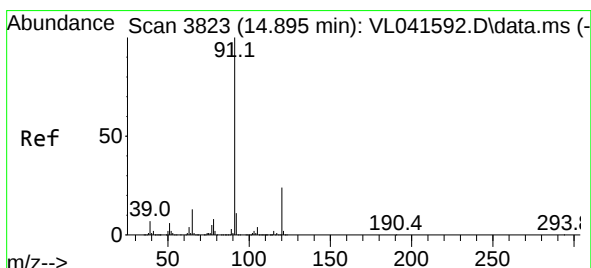
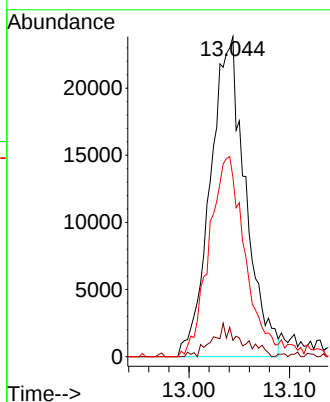
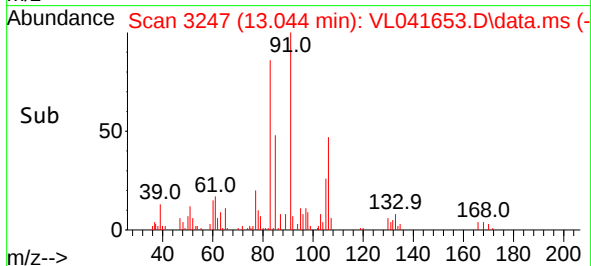
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



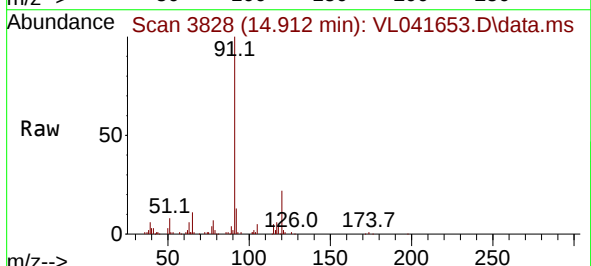
Tgt Ion: 83 Resp: 57698
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.4
85 67.6 32.5 97.4

Manual Integrations
APPROVED

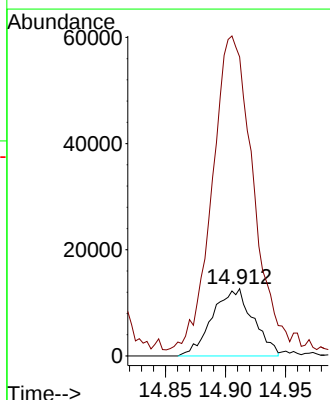
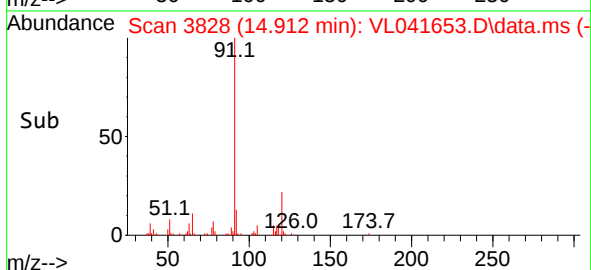
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

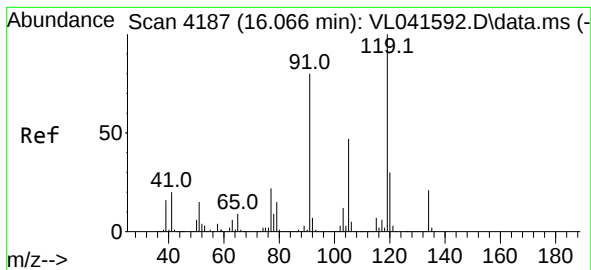


#64
n-propylbenzene
Concen: 0.343 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.016 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



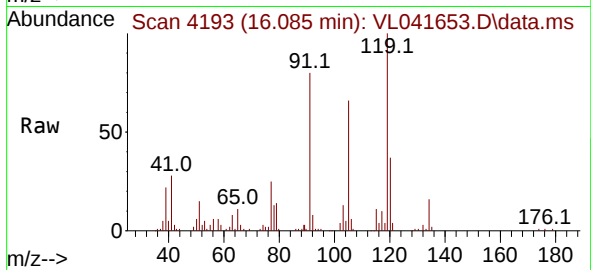
Tgt Ion:120 Resp: 29914
Ion Ratio Lower Upper
120 100
91 487.8 366.4 549.6





#65
tert-Butylbenzene
Concen: 0.340 ppbv
RT: 16.085 min Scan# 4187
Delta R.T. 0.020 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

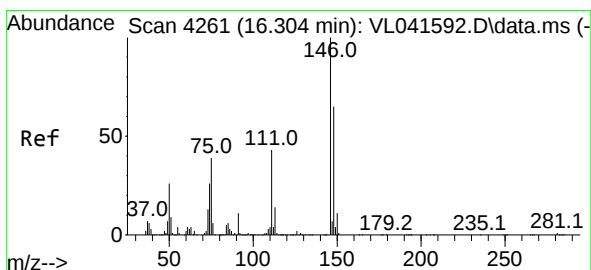
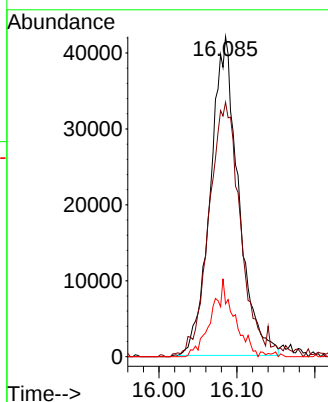
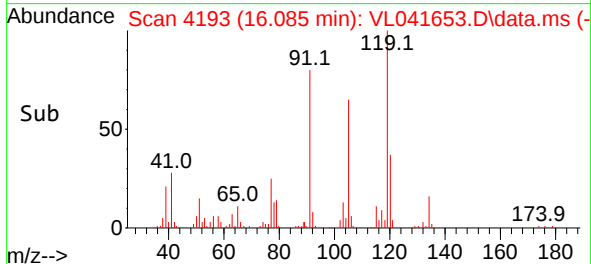
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



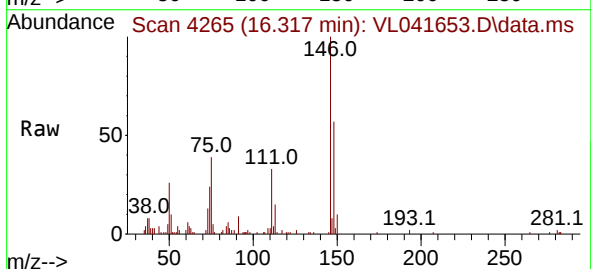
Tgt Ion: 119 Resp: 10516
Ion Ratio Lower Upper
119 100
91 91.4 64.6 96.8
134 20.5 15.8 23.8

Manual Integrations
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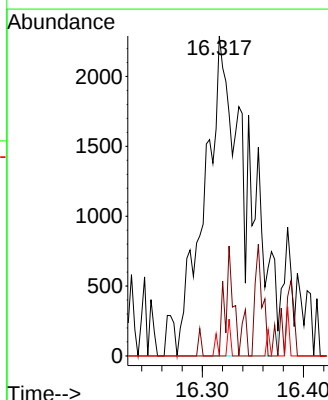
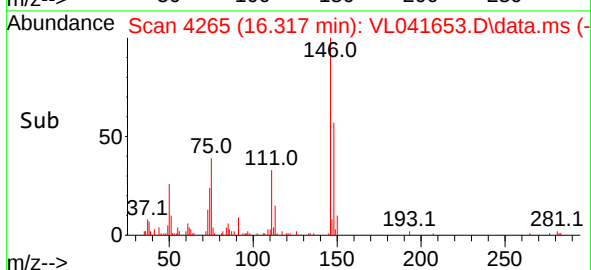
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

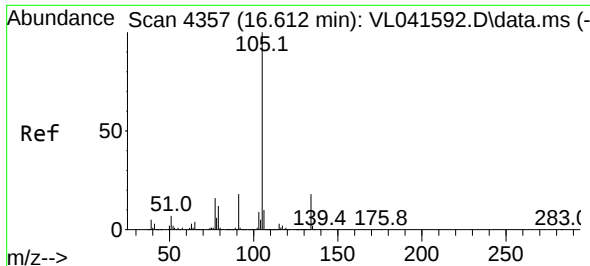


#66
Benzyl Chloride
Concen: 0.421 ppbv m
RT: 16.317 min Scan# 4265
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



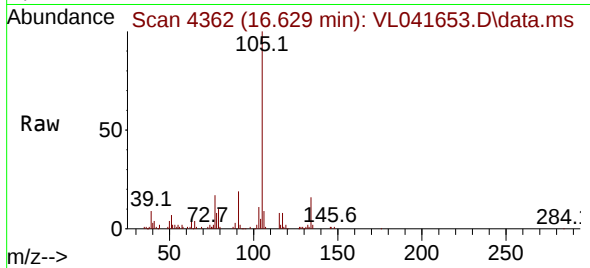
Tgt Ion: 91 Resp: 6769
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.8 7.2#





#67
 sec-Butylbenzene
 Concen: 0.358 ppbv
 RT: 16.629 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

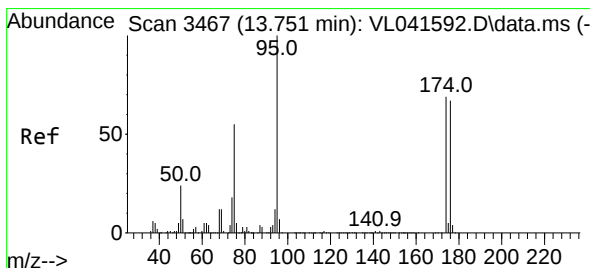
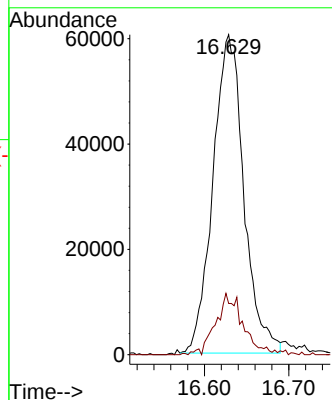
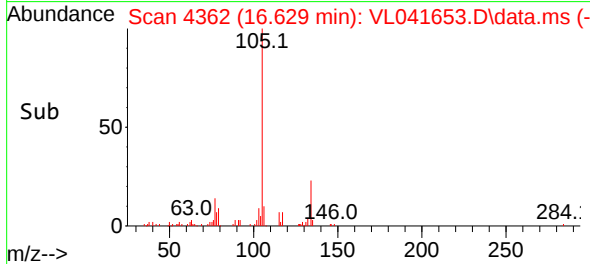
Instrument :
 MSVOA_L
 ClientSampleId :
 LOD-MDL-AIR-01-QT4-2024



Tgt Ion:105 Resp: 15376
 Ion Ratio Lower Upper
 105 100
 134 17.3 14.6 21.8

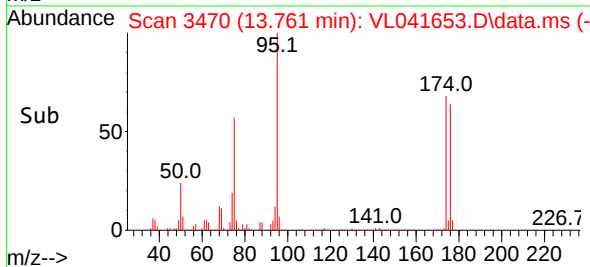
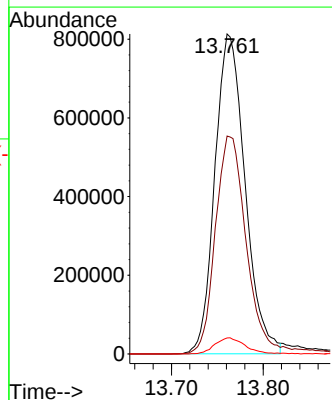
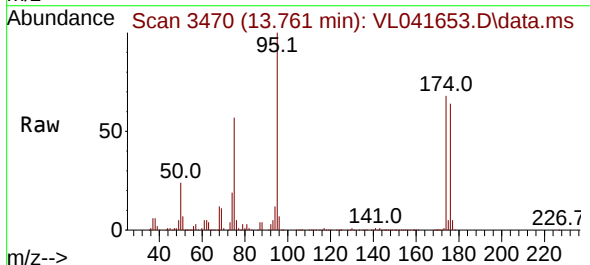
Manual Integrations
 APPROVED

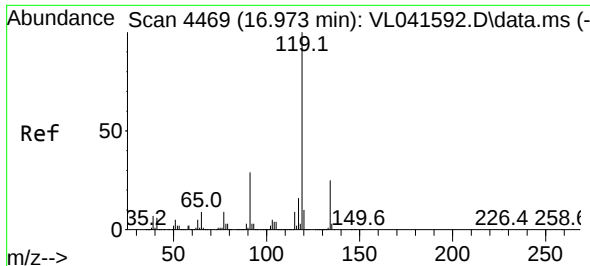
Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.361 ppbv
 RT: 13.761 min Scan# 3470
 Delta R.T. 0.010 min
 Lab File: VL041653.D
 Acq: 10 Oct 2024 22:00

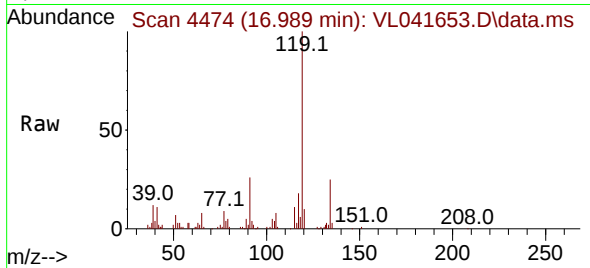
Tgt Ion: 95 Resp: 1859606
 Ion Ratio Lower Upper
 95 100
 174 72.0 55.8 83.8
 175 5.2 4.1 6.1





#69
p-Isopropyltoluene
Concen: 0.307 ppbv
RT: 16.989 min Scan# 4469
Delta R.T. 0.016 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

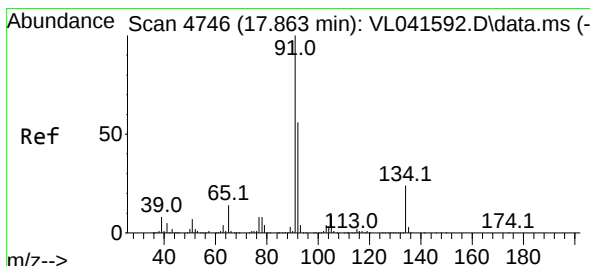
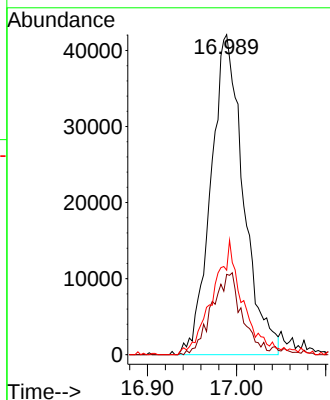
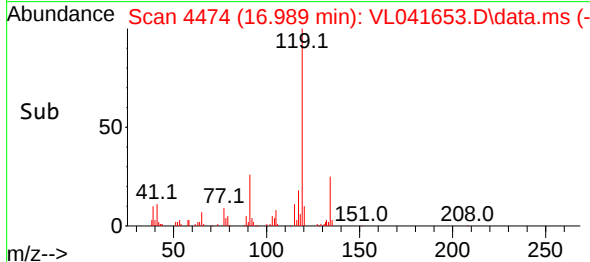
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



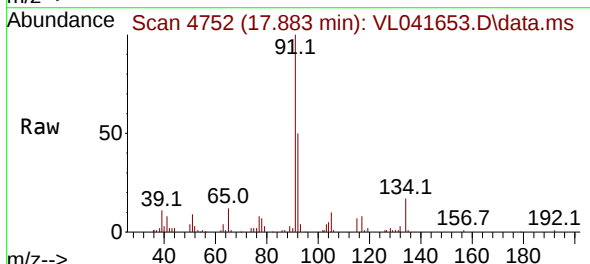
Tgt Ion:119 Resp: 10664
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 34.2 23.1 34.7

Manual Integrations
APPROVED

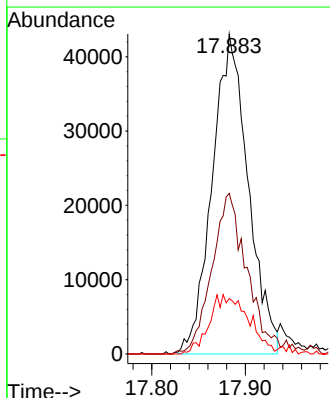
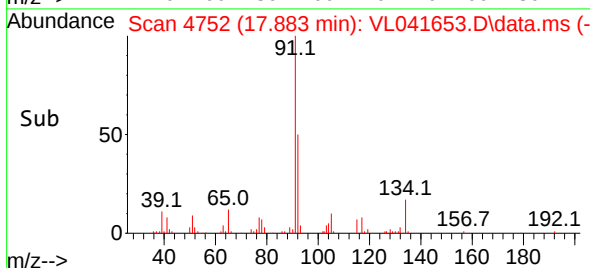
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

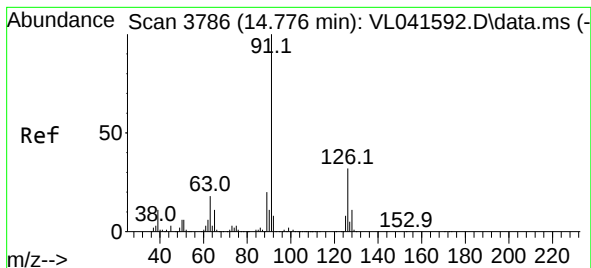


#70
n-Butylbenzene
Concen: 0.317 ppbv m
RT: 17.883 min Scan# 4752
Delta R.T. 0.019 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



Tgt Ion: 91 Resp: 115247
Ion Ratio Lower Upper
91 100
92 0.0 43.2 64.8#
134 21.0 18.6 27.8





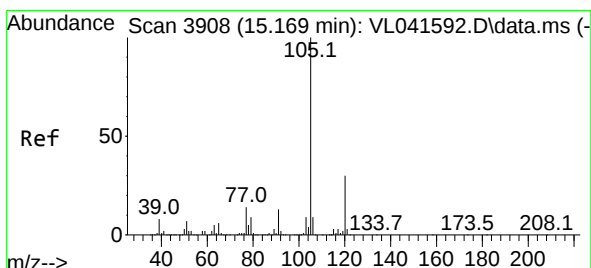
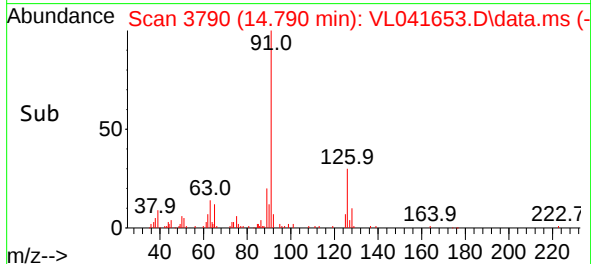
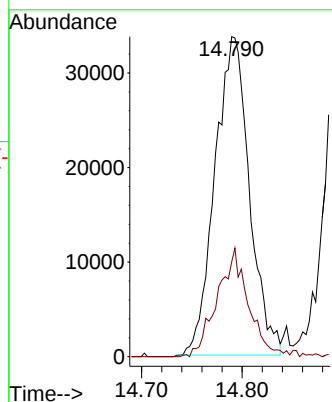
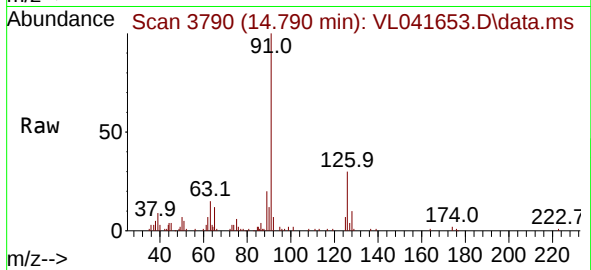
#71
2-Chlorotoluene
Concen: 0.323 ppbv
RT: 14.790 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024

Tgt Ion: 91 Resp: 8029
Ion Ratio Lower Upper
91 100
126 31.5 12.9 51.5

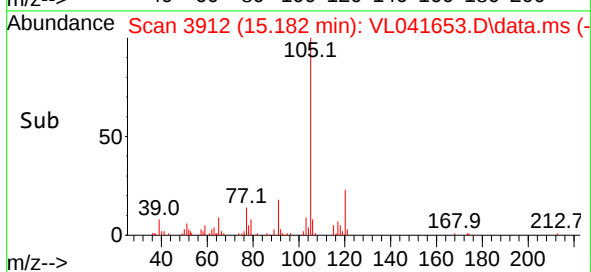
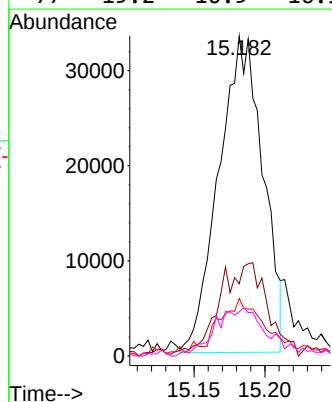
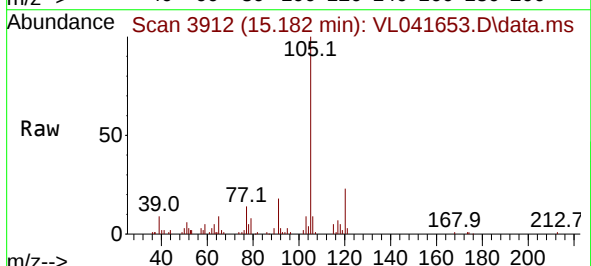
Manual Integrations
APPROVED

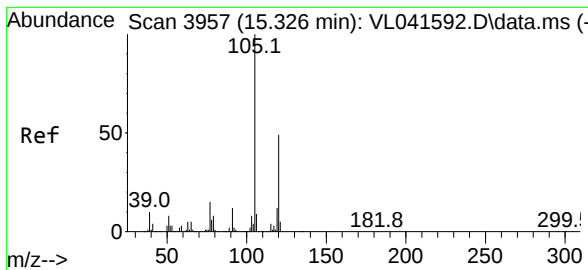
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#72
4-Ethyltoluene
Concen: 0.276 ppbv
RT: 15.182 min Scan# 3912
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

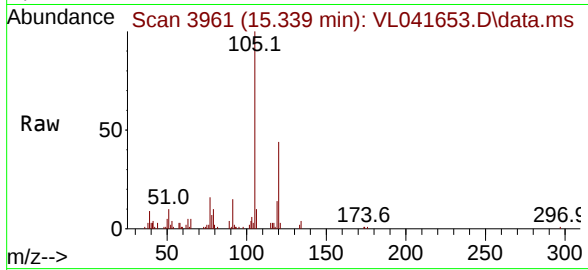
Tgt Ion:105 Resp: 71927
Ion Ratio Lower Upper
105 100
120 35.0 24.1 36.1
91 23.2 10.2 15.2#
77 19.2 10.9 16.3#





#73
1,3,5-Trimethylbenzene
Concen: 0.297 ppbv
RT: 15.339 min Scan# 3957
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

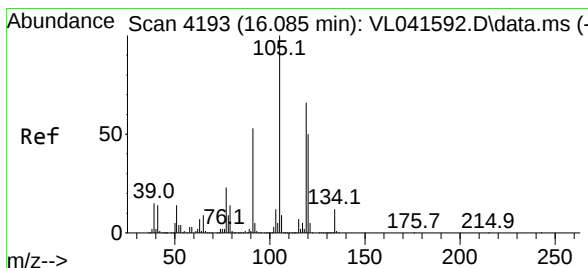
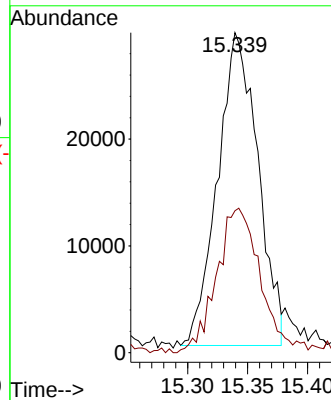
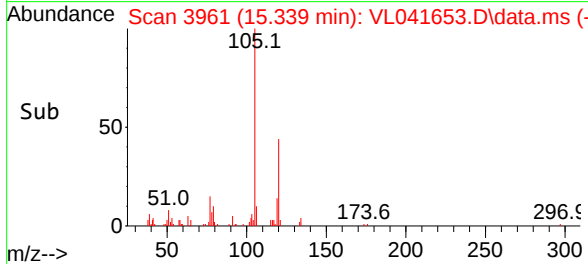
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:105 Resp: 68280
Ion Ratio Lower Upper
105 100
120 44.4 39.4 59.0

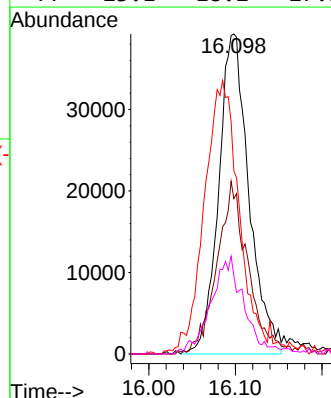
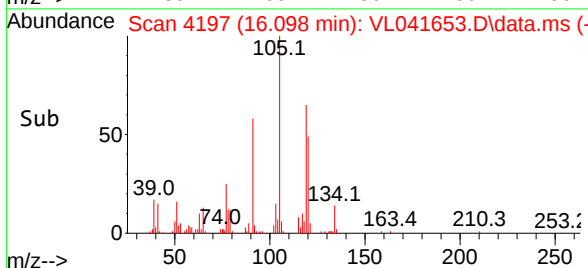
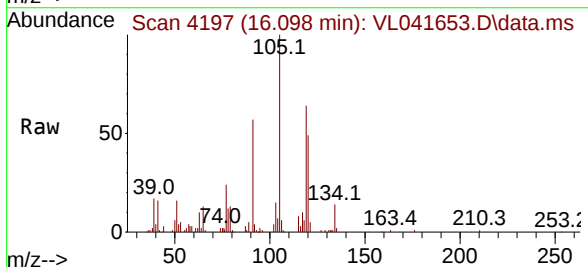
Manual Integrations
APPROVED

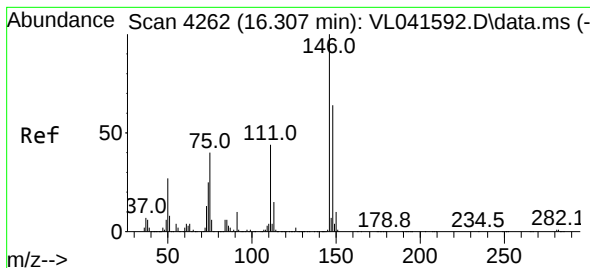
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#74
1,2,4-Trimethylbenzene
Concen: 0.356 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

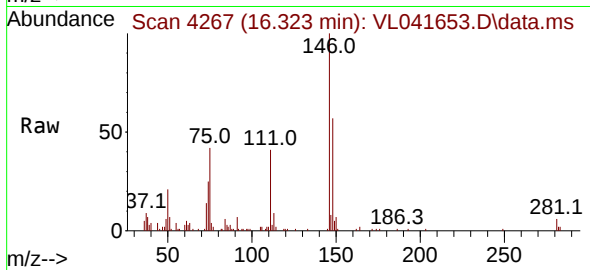
Tgt Ion:105 Resp: 95705
Ion Ratio Lower Upper
105 100
120 47.8 39.9 59.9
91 54.5 42.6 63.8
77 23.1 18.2 27.2





#75
1,3-Dichlorobenzene
Concen: 0.406 ppbv m
RT: 16.323 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

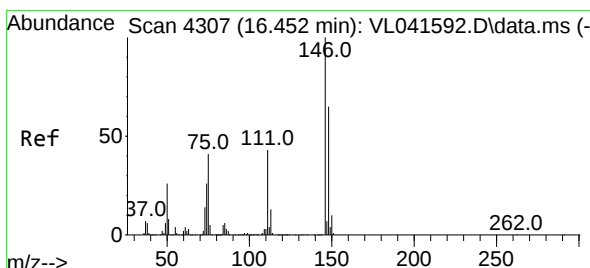
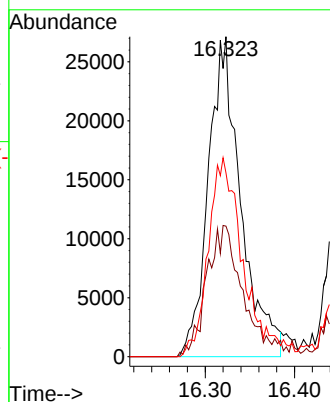
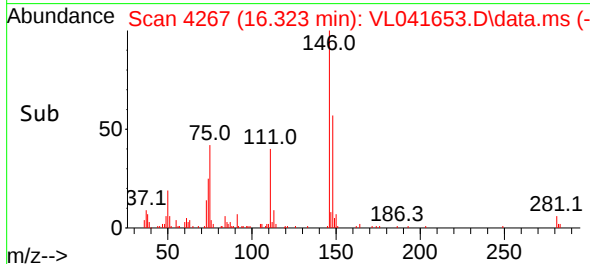
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:146 Resp: 6842
Ion Ratio Lower Upper
146 100
111 46.9 22.4 67.0
148 66.7 32.1 96.5

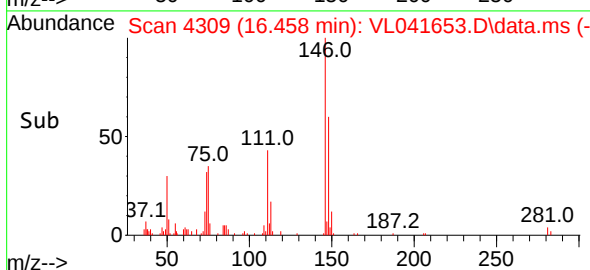
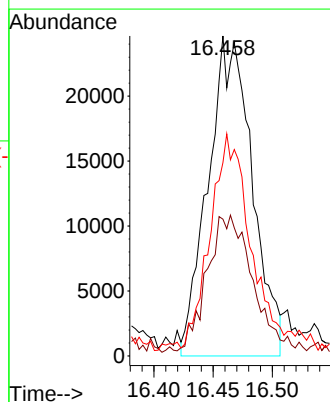
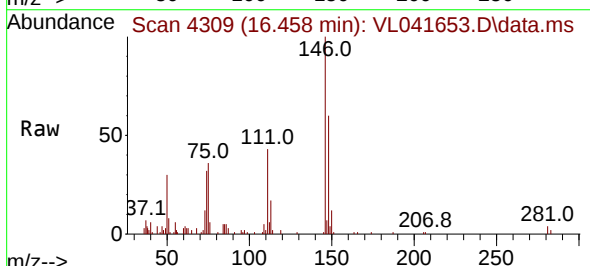
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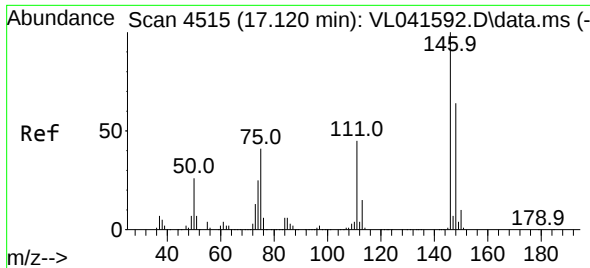
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#76
1,4-Dichlorobenzene
Concen: 0.394 ppbv m
RT: 16.458 min Scan# 4309
Delta R.T. 0.007 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

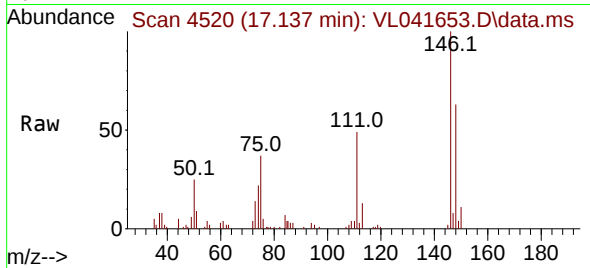
Tgt Ion:146 Resp: 63687
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.3#
148 0.0 32.8 98.4#





#77
1,2-Dichlorobenzene
Concen: 0.412 ppbv m
RT: 17.137 min Scan# 4515
Delta R.T. 0.016 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

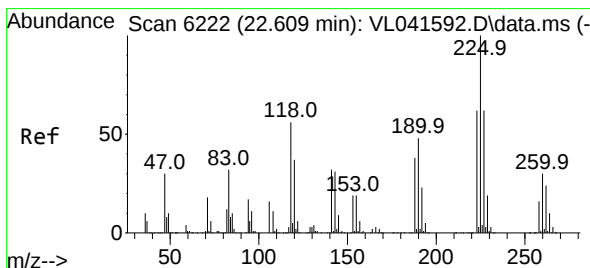
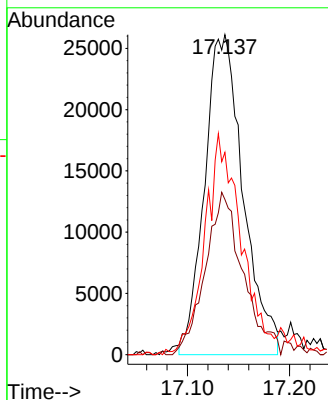
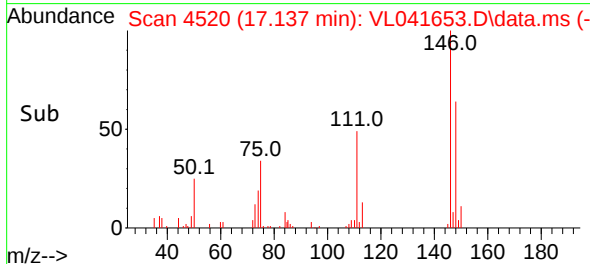
Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



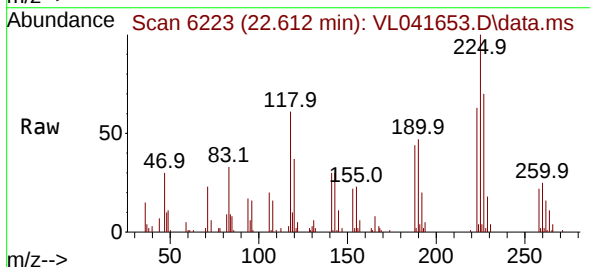
Tgt Ion:146 Resp: 68638
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0
148 69.4 32.5 97.4

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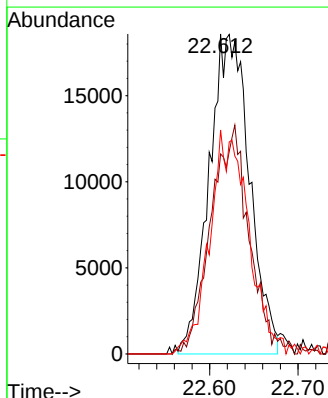
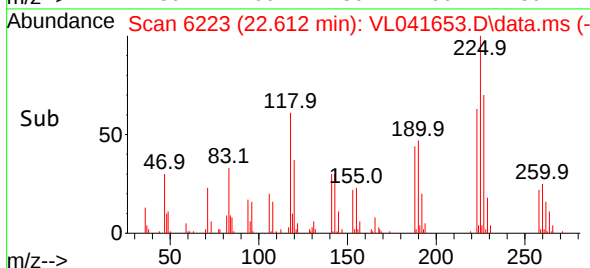
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

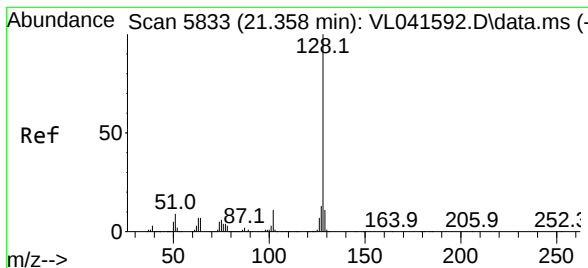


#78
Hexachloro-1,3-Butadiene
Concen: 0.430 ppbv m
RT: 22.612 min Scan# 6223
Delta R.T. 0.003 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



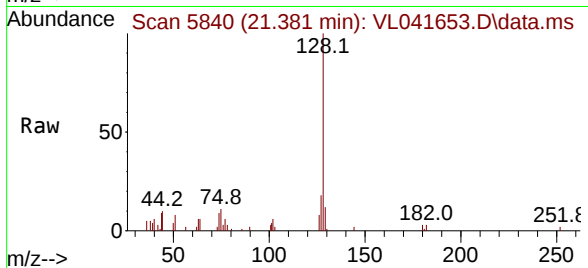
Tgt Ion:225 Resp: 59042
Ion Ratio Lower Upper
225 100
223 68.3 50.6 75.8
227 0.0 50.9 76.3





#79
Naphthalene
Concen: 0.183 ppbv m
RT: 21.381 min Scan# 5840
Delta R.T. 0.023 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

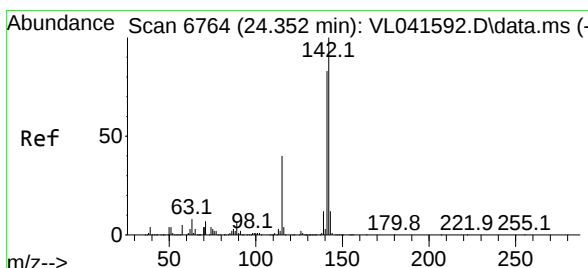
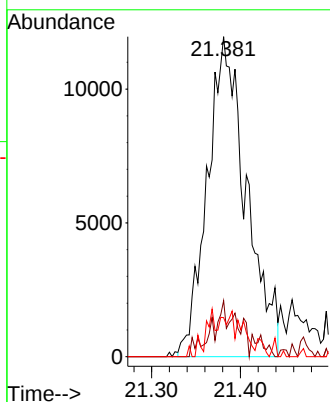
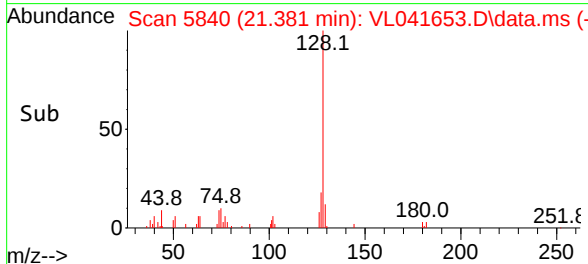
Instrument : MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



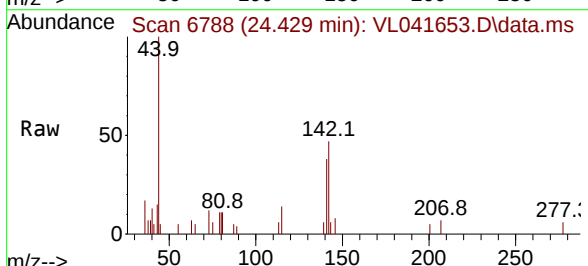
Tgt Ion:128 Resp: 3627
Ion Ratio Lower Upper
128 100
127 17.5 10.1 15.1
129 12.2 9.1 13.7

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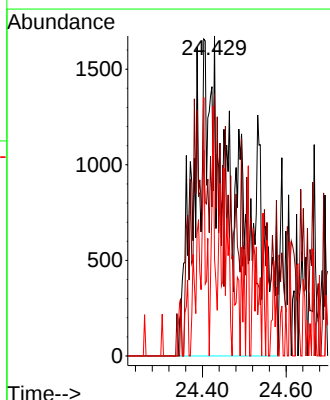
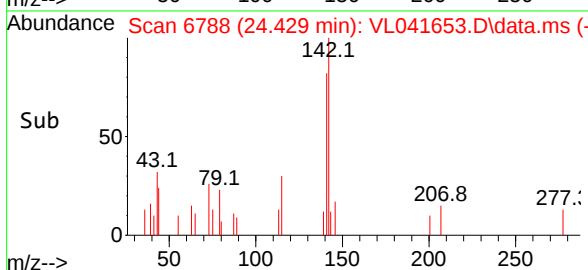
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

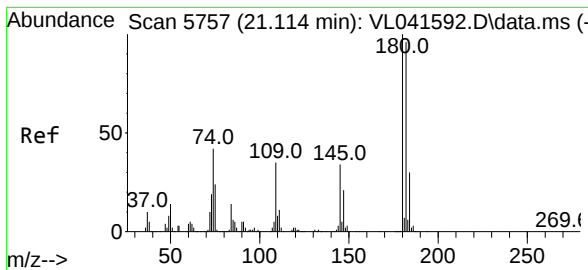


#80
Naphthalene,2-methyl-
Concen: 0.084 ppbv m
RT: 24.429 min Scan# 6788
Delta R.T. 0.077 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00



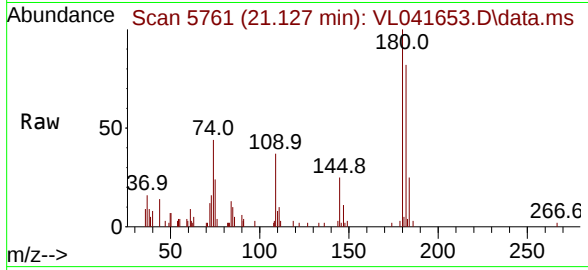
Tgt Ion:142 Resp: 11615
Ion Ratio Lower Upper
142 100
141 25.9 66.3 99.5#
115 14.2 31.4 47.2#





#81
1,2,4-Trichlorobenzene
Concen: 0.206 ppbv m
RT: 21.127 min Scan# 51
Delta R.T. 0.013 min
Lab File: VL041653.D
Acq: 10 Oct 2024 22:00

Instrument :
MSVOA_L
ClientSampleId :
LOD-MDL-AIR-01-QT4-2024



Tgt Ion:180 Resp: 25878
Ion Ratio Lower Upper
180 100
182 0.0 76.5 114.7
184 0.0 24.7 37.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

