

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041671.D
 Acq On : 14 Oct 2024 17:00
 Operator : SY/MD
 Sample : VSTDC0010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDC0010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 10/15/2024
 Supervised By : Mahesh Dadoda 10/15/2024

Quant Time: Oct 15 02:44:09 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)

Internal Standards						
1) Bromochloromethane	5.198	49	1030833	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.664	114	2821004	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.481	117	2843970	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2092864 9.997 ppbv 0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	1087301	7.304	ppbv	99
3) Chlorodifluoromethane	2.668	51	1242237	9.935	ppbv	99
4) Chloromethane	2.809	50	678440	9.865	ppbv	99
5) Vinyl Chloride	2.915	62	632214	10.618	ppbv	100
6) Bromomethane	3.118	94	252470	8.522	ppbv	95
7) Chloroethane	3.195	64	238744	10.309	ppbv	97
8) Dichlorotetrafluoroethane	2.851	85	1588739	10.174	ppbv	100
9) Propene	2.687	41	556698	10.556	ppbv	100
10) Heptane	7.590	43	1431478	11.593	ppbv	100
11) Trichlorofluoromethane	3.562	101	1593058	10.056	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.066	101	1164239	10.147	ppbv	97
13) Ethanol	3.247	45	19612m	4.946	ppbv	
14) Bromoethene	3.366	108	459809	10.569	ppbv	100
15) Acetone	3.465	43	1169136	9.034	ppbv	99
16) 1,3-Butadiene	2.980	39	670208	10.647	ppbv	95
17) tert-Butyl alcohol	3.877	59	1126575	9.898	ppbv	99
18) 1,1-Dichloroethene	3.880	96	506597	10.430	ppbv	98
19) Isopropyl Alcohol	3.575	45	602985	9.102	ppbv #	91
20) Methylene Chloride	3.931	84	421697	8.674	ppbv	98
21) Allyl Chloride	3.996	41	791658	10.554	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	506927	10.462	ppbv	97
23) Vinyl Acetate	4.629	43	811189	11.396	ppbv	99
24) 1,1-Dichloroethane	4.568	63	1118454	10.468	ppbv	99
25) Ethyl Acetate	5.211	43	2515151	10.826	ppbv	99
26) Hexane	5.218	57	1034872	10.681	ppbv	99
27) Carbon Disulfide	4.124	76	1225883	11.903	ppbv	99
28) Methyl tert-Butyl Ether	4.591	73	583195	9.763	ppbv	98
29) Chloroform	5.282	83	1640655	10.348	ppbv	97
30) Cyclohexane	6.613	84	876552	11.736	ppbv	99
31) cis-1,2-Dichloroethene	5.086	61	974038	10.589	ppbv	98
32) 1,1,1-Trichloroethane	6.012	97	1606151	11.373	ppbv	99
34) 2-Butanone	4.790	43	1391757	10.347	ppbv	100
35) Carbon Tetrachloride	6.500	117	1675080	12.102	ppbv	98
36) Benzene	6.382	78	2176601	11.110	ppbv	99
37) 1,2-Dichloroethane	5.816	62	1214849	10.687	ppbv	99
38) Trichloroethene	7.304	130	1111773	11.020	ppbv	97
39) 1,2-Dichloropropane	7.086	63	861342	10.807	ppbv	99
40) 1,4-Dioxane	7.298	88	286277	9.528	ppbv #	87
41) Tetrahydrofuran	5.565	42	866361	11.704	ppbv	99
42) Bromodichloromethane	7.262	83	1766418	11.169	ppbv	99
43) Methyl Methacrylate	7.484	69	850421	12.130	ppbv	100
44) 2,2,4-Trimethylpentane	7.336	57	3786476	11.171	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	644231	11.397	ppbv	99

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Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

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

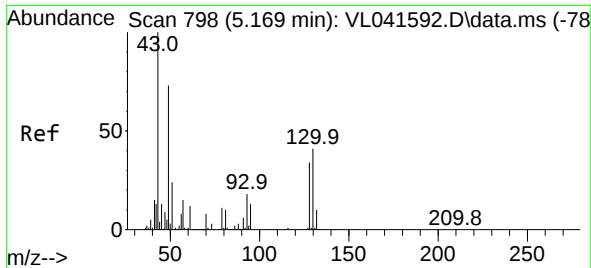
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

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

Response via : Initial Calibration

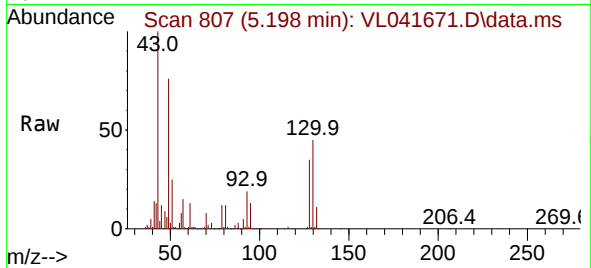
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	935248	11.294	ppbv	99
47) 1,1,2-Trichloroethane	8.912	97	913662	10.797	ppbv	98
48) Dibromochloromethane	9.725	129	1503187	11.724	ppbv	100
49) Bromoform	12.423	173	1309407	11.897	ppbv	99
50) 4-Methyl-2-Pentanone	8.195	43	2480107	11.939	ppbv	100
51) 2-Hexanone	9.565	43	1953448	12.432	ppbv	99
52) Tetrachloroethene	10.629	164	803684	11.329	ppbv	97
53) Toluene	9.237	91	2538899	12.208	ppbv	100
54) 1,2-Dibromoethane	10.021	107	1200182	11.517	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.523	131	1140772	10.274	ppbv	97
57) Chlorobenzene	11.542	112	2009393	9.800	ppbv	98
58) Ethyl Benzene	12.105	91	3455253	11.349	ppbv	99
59) m/p-Xylene	12.388	91	5940813m	21.925	ppbv	
60) o-Xylene	13.073	91	2857635	11.000	ppbv	100
61) Styrene	12.912	104	1345587	12.398	ppbv	100
62) Isopropylbenzene	14.044	105	4157433	10.563	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	1498662	11.283	ppbv	99
64) n-propylbenzene	14.928	120	1108448	10.905	ppbv	99
65) tert-Butylbenzene	16.105	119	3738096	10.361	ppbv	100
66) Benzyl Chloride	16.343	91	187620	10.003	ppbv	98
67) sec-Butylbenzene	16.651	105	5239472	10.468	ppbv	100
69) p-Isopropyltoluene	17.008	119	4350748	10.739	ppbv	100
70) n-Butylbenzene	17.902	91	4470109	10.532	ppbv	100
71) 2-Chlorotoluene	14.815	91	3080924	10.639	ppbv	99
72) 4-Ethyltoluene	15.208	105	3418852	11.259	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2921051	10.894	ppbv	98
74) 1,2,4-Trimethylbenzene	16.124	105	3249083	10.352	ppbv	99
75) 1,3-Dichlorobenzene	16.349	146	1933042	9.827	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	1902347	10.093	ppbv	100
77) 1,2-Dichlorobenzene	17.159	146	1914867	9.861	ppbv	98
78) Hexachloro-1,3-Butadiene	22.651	225	1314239	8.204	ppbv	99
79) Naphthalene	21.403	128	2518036	10.901	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	797078	4.925	ppbv	99
81) 1,2,4-Trichlorobenzene	21.159	180	1329574	9.054	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.029 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

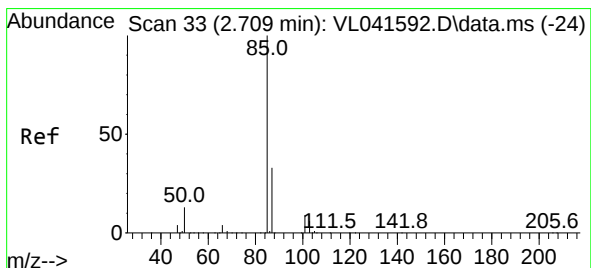
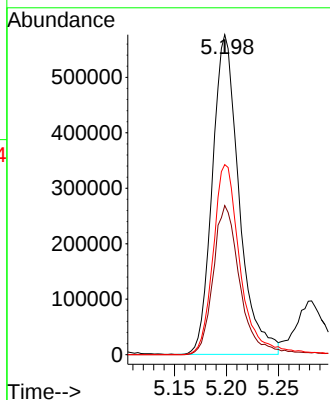
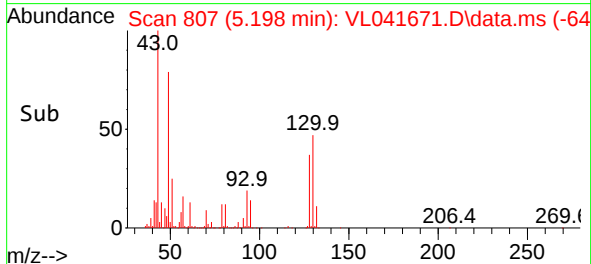
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



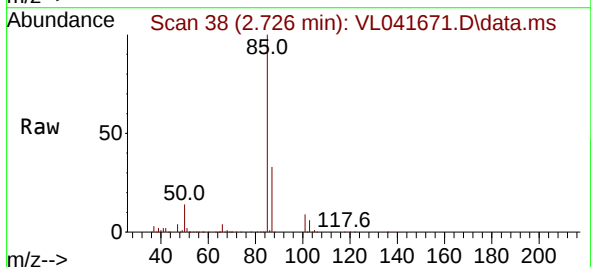
Tgt Ion: 49 Resp: 103083
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.5
130 61.2 30.4 91.3

Manual Integrations
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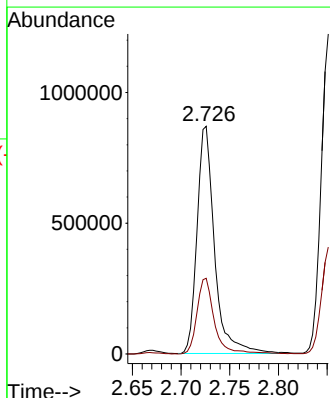
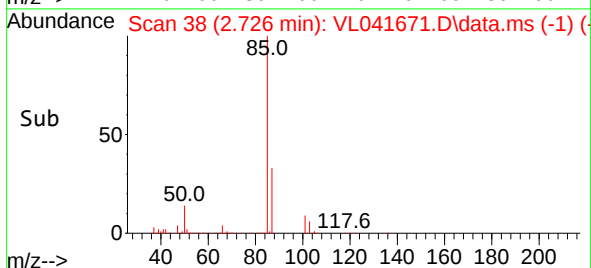
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

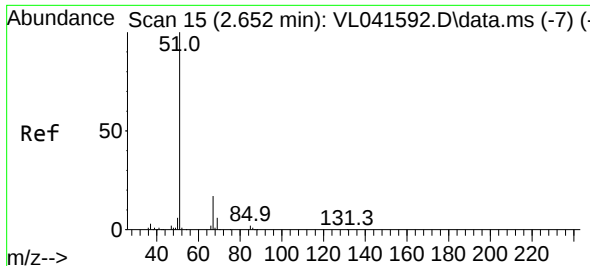


#2
Dichlorodifluoromethane
Concen: 7.304 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.016 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



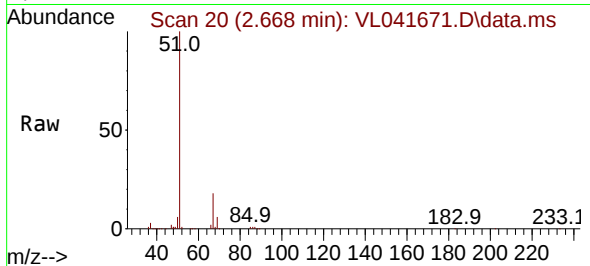
Tgt Ion: 85 Resp: 1087301
Ion Ratio Lower Upper
85 100
87 33.3 26.3 39.5





#3
Chlorodifluoromethane
Concen: 9.935 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

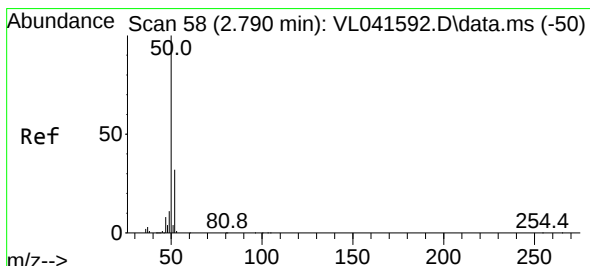
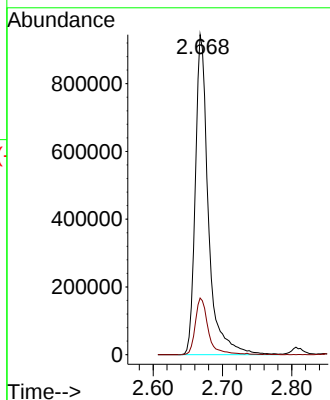
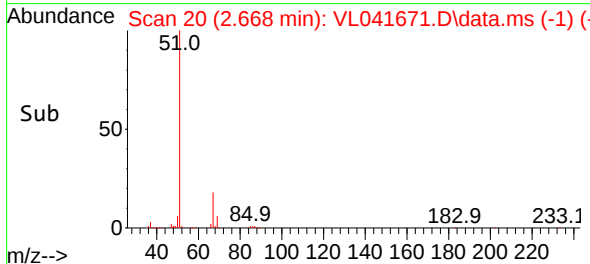
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 124223
Ion Ratio Lower Upper
51 100
67 17.8 14.1 21.1

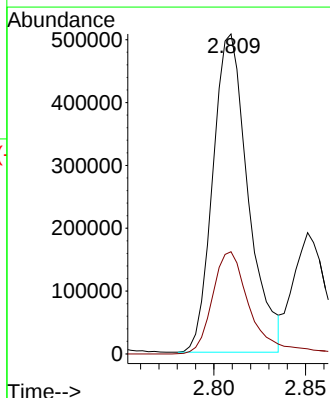
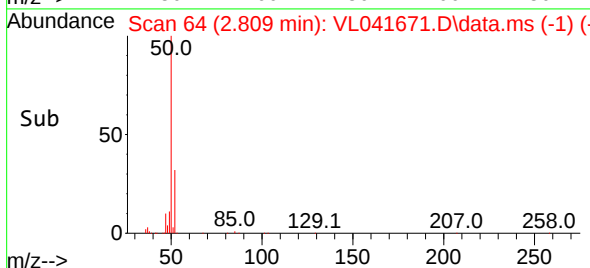
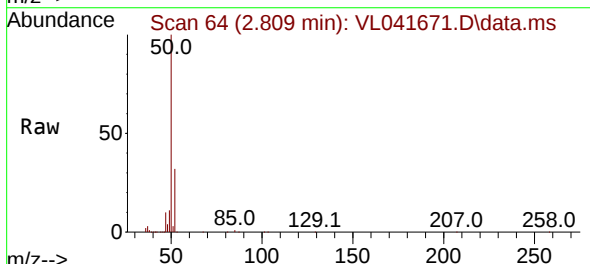
Manual Integrations
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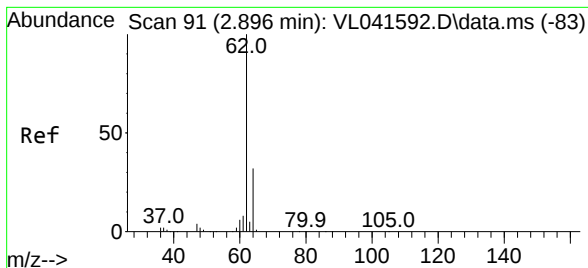
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#4
Chloromethane
Concen: 9.865 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.019 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Tgt Ion: 50 Resp: 678440
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2





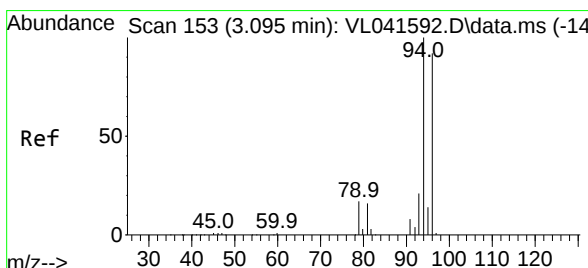
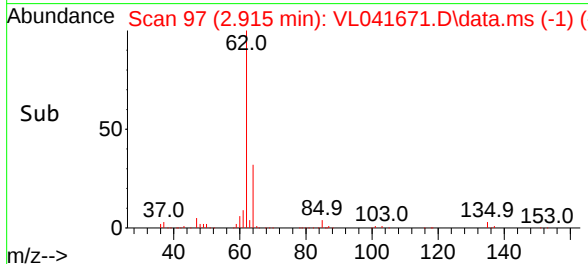
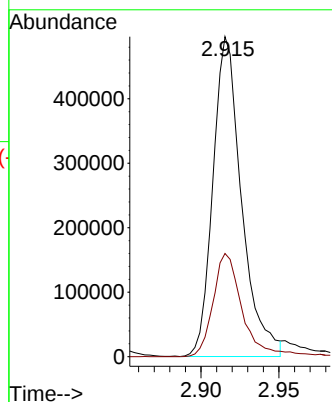
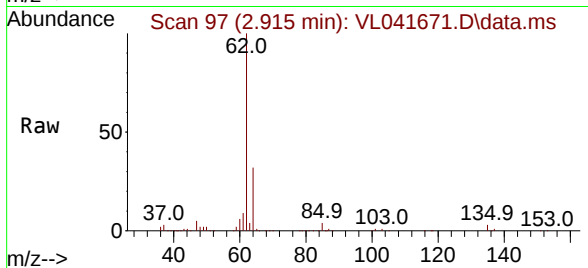
#5
 Vinyl Chloride
 Concen: 10.618 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.019 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 632214
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.0 39.0

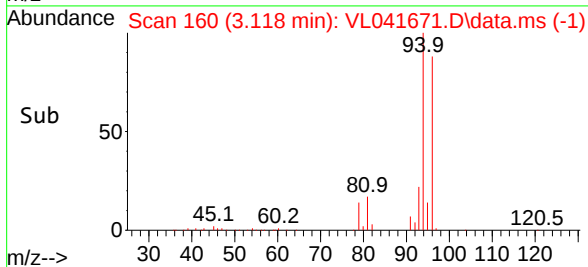
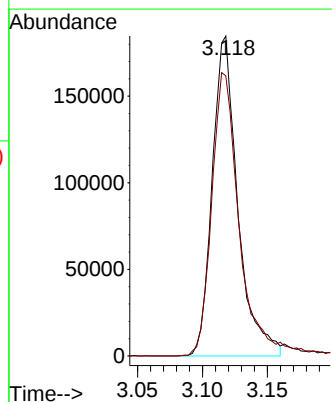
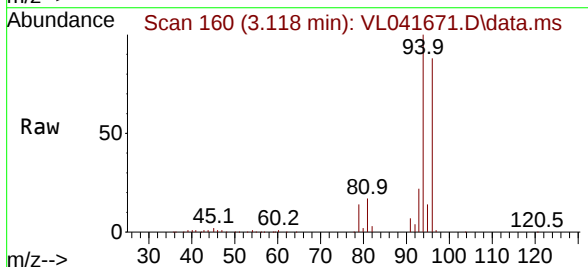
Manual Integrations
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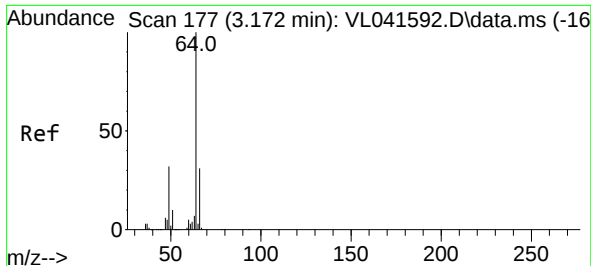
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#6
 Bromomethane
 Concen: 8.522 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.023 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

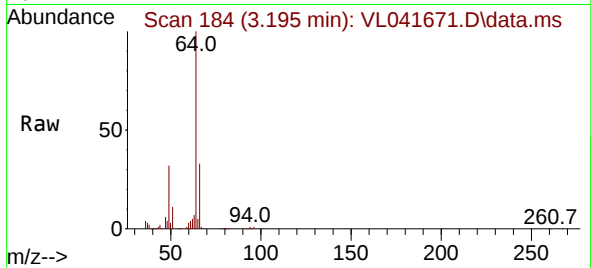
Tgt Ion: 94 Resp: 252470
 Ion Ratio Lower Upper
 94 100
 96 87.4 73.4 110.2





#7
Chloroethane
Concen: 10.309 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

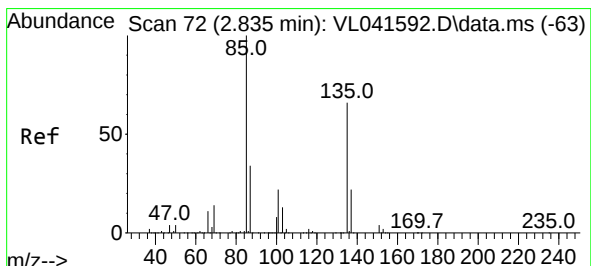
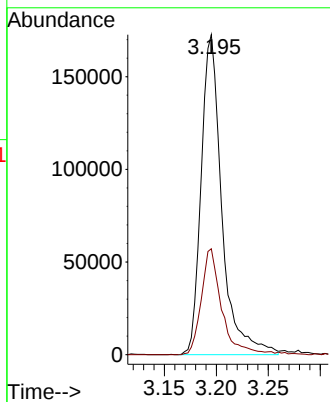
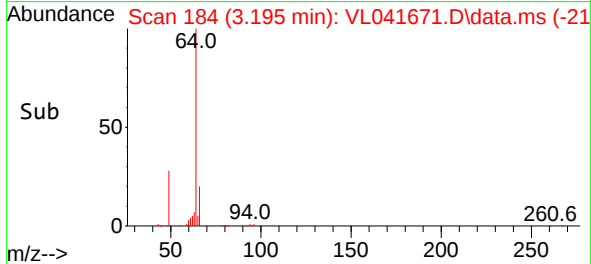
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 238744
Ion Ratio Lower Upper
64 100
66 33.1 25.1 37.7

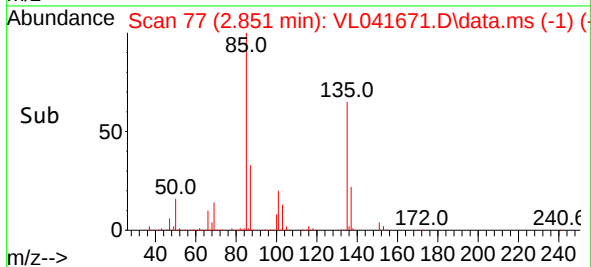
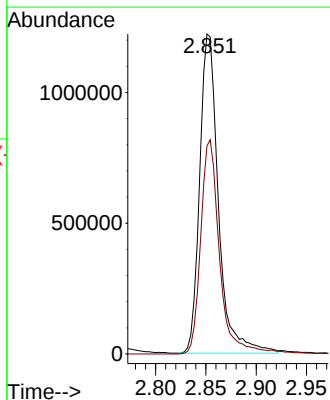
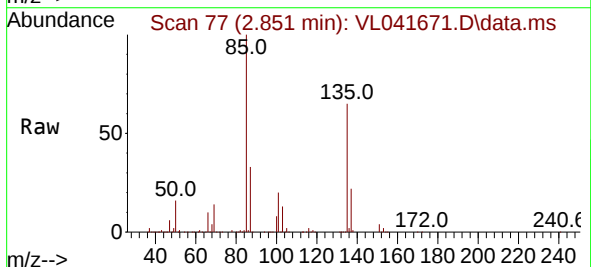
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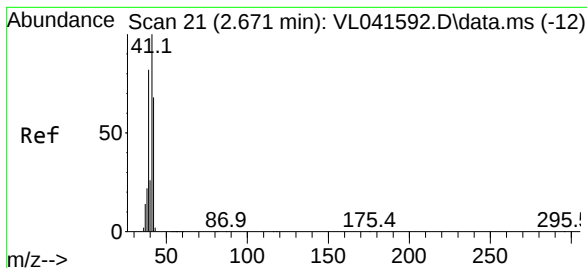
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#8
Dichlorotetrafluoroethane
Concen: 10.174 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Tgt Ion: 85 Resp: 1588739
Ion Ratio Lower Upper
85 100
135 67.8 53.9 80.9





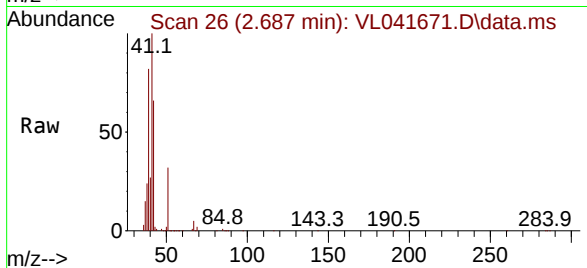
#9
 Propene
 Concen: 10.556 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.016 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

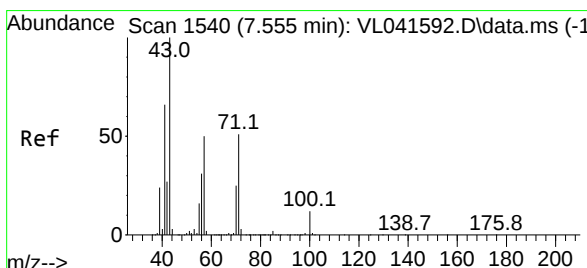
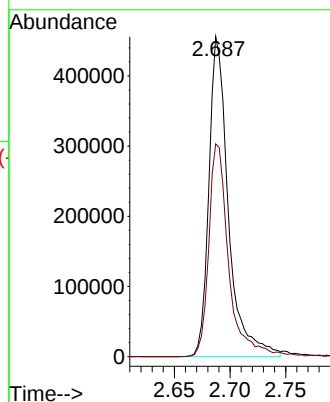
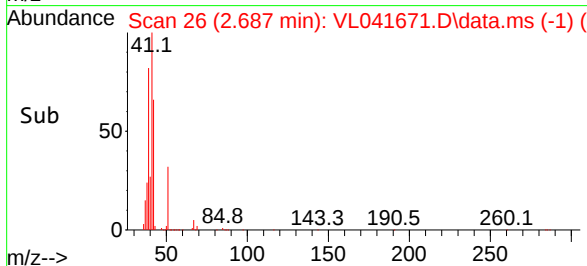


Tgt Ion: 41 Resp: 556698
 Ion Ratio Lower Upper
 41 100
 42 68.8 55.2 82.8

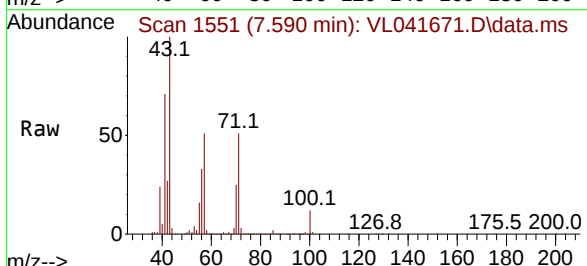
Manual Integrations

APPROVED

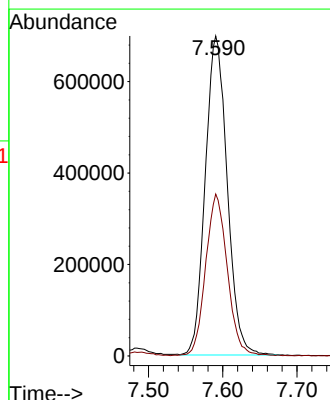
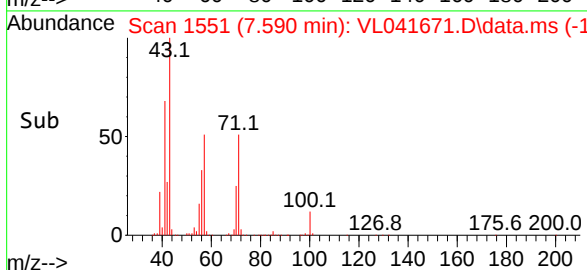
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

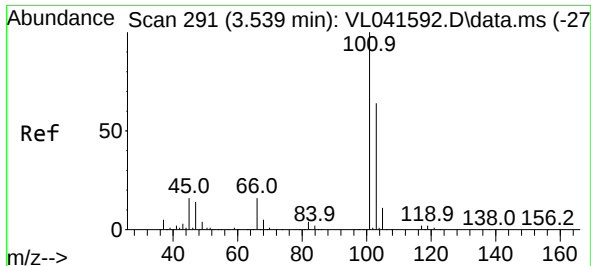


#10
 Heptane
 Concen: 11.593 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.036 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00



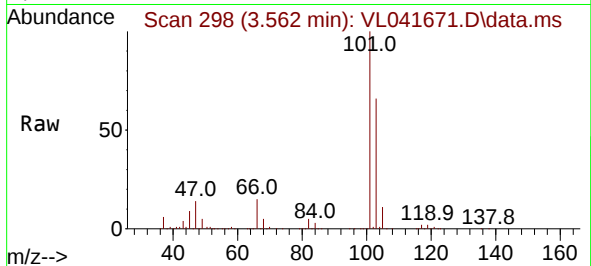
Tgt Ion: 43 Resp: 1431478
 Ion Ratio Lower Upper
 43 100
 57 50.0 39.8 59.8





#11
Trichlorofluoromethane
Concen: 10.056 ppbv
RT: 3.562 min Scan# 291
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

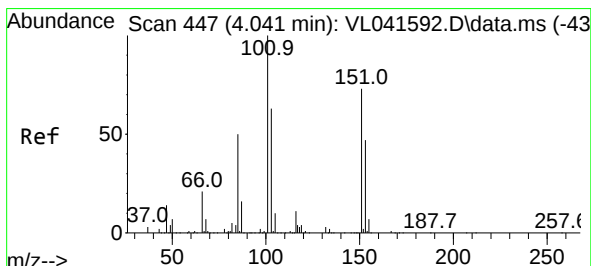
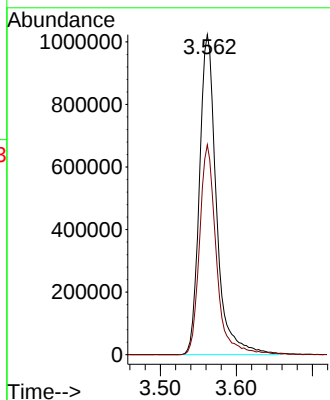
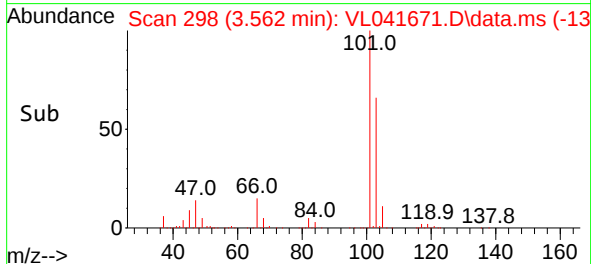
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



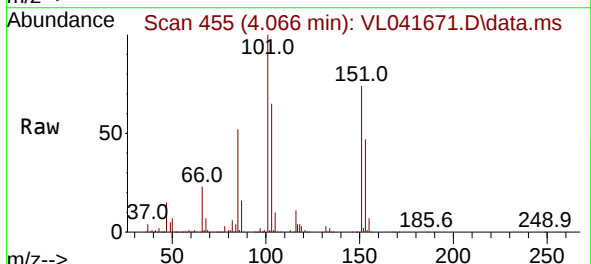
Tgt Ion:101 Resp: 1593058
Ion Ratio Lower Upper
101 100
103 65.6 51.2 76.8

Manual Integrations
APPROVED

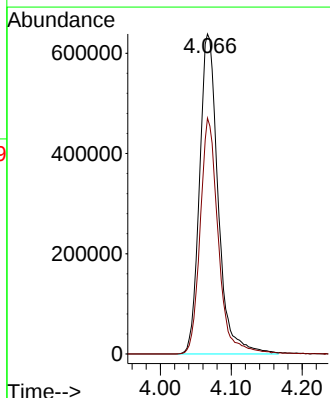
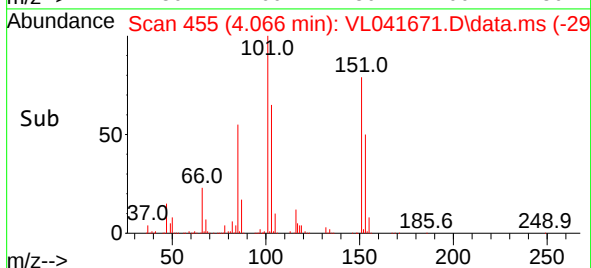
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

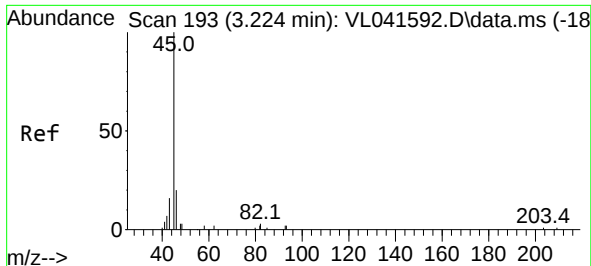


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.147 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.026 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



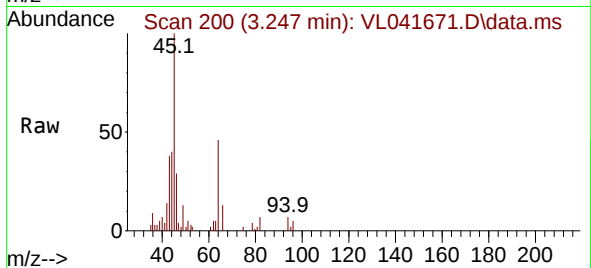
Tgt Ion:101 Resp: 1164239
Ion Ratio Lower Upper
101 100
151 72.0 59.4 89.2





#13
Ethanol
Concen: 4.946 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

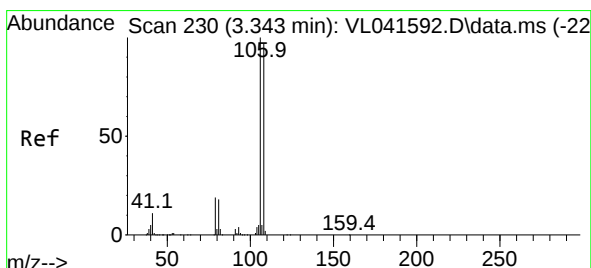
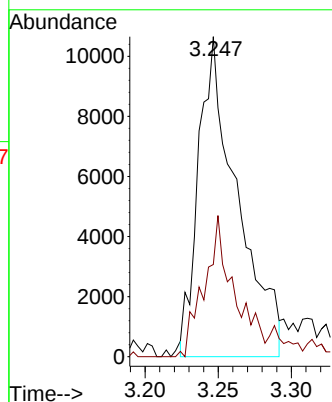
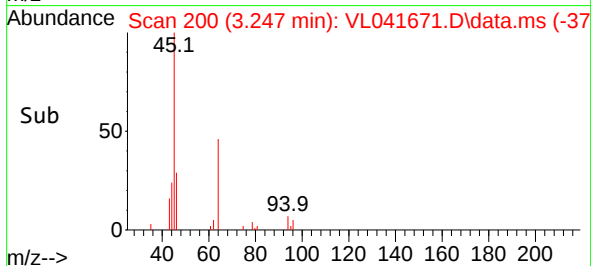
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



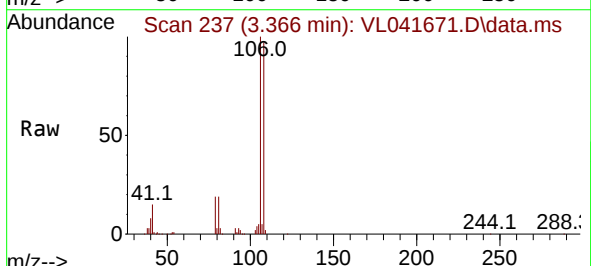
Tgt Ion: 45 Resp: 1961
Ion Ratio Lower Upper
45 100
46 41.3 15.2 60.8

Manual Integrations
APPROVED

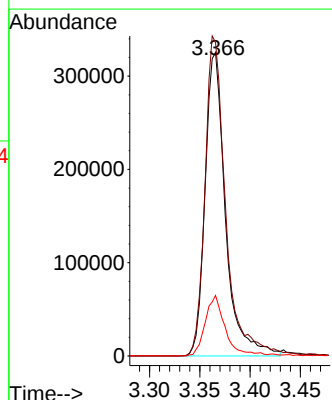
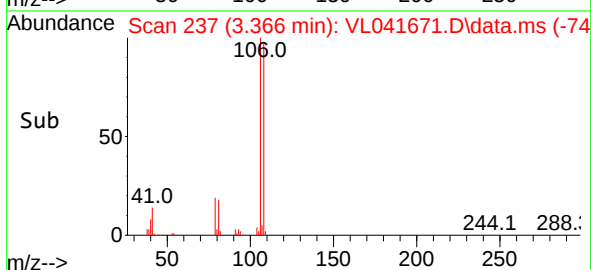
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

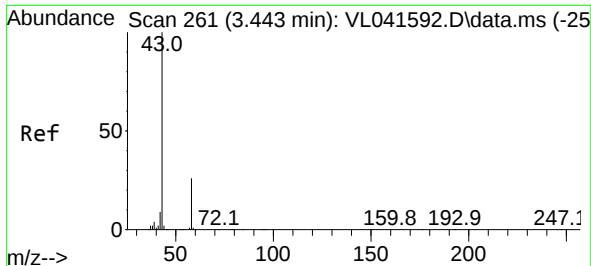


#14
Bromoethene
Concen: 10.569 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



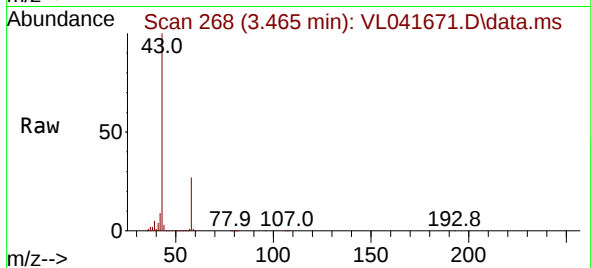
Tgt Ion:108 Resp: 459809
Ion Ratio Lower Upper
108 100
106 108.0 86.5 129.7
79 20.4 16.2 24.4





#15
Acetone
Concen: 9.034 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

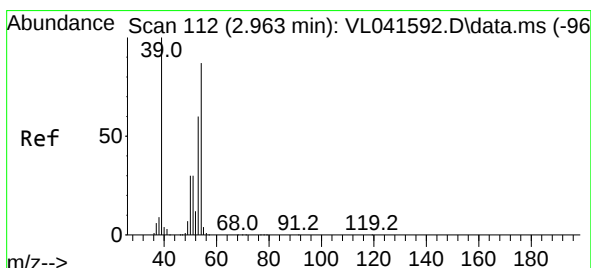
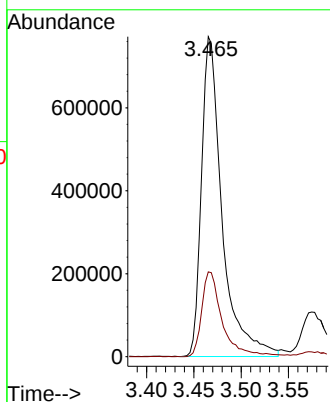
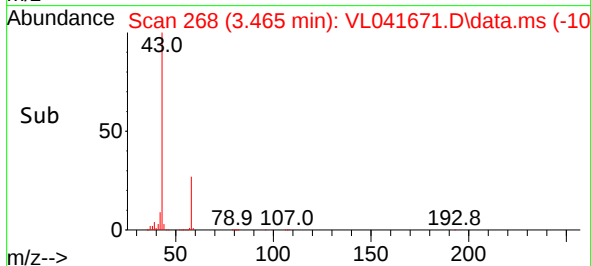
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1169130
Ion Ratio Lower Upper
43 100
58 26.4 21.5 32.3

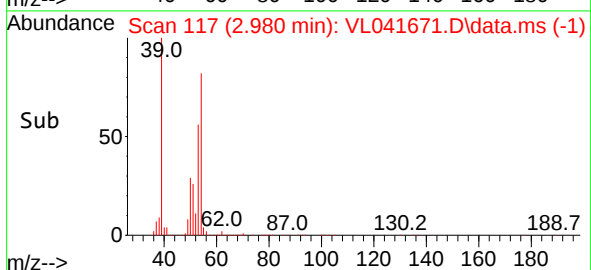
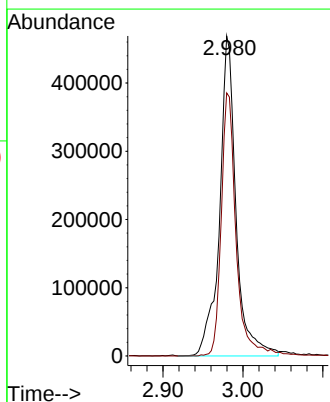
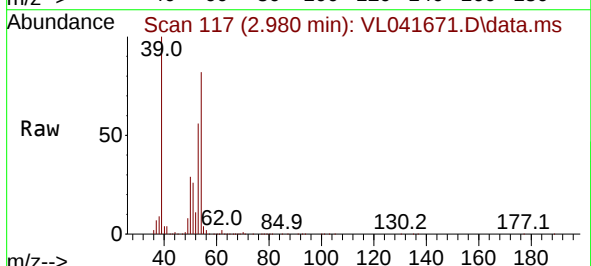
Manual Integrations
APPROVED

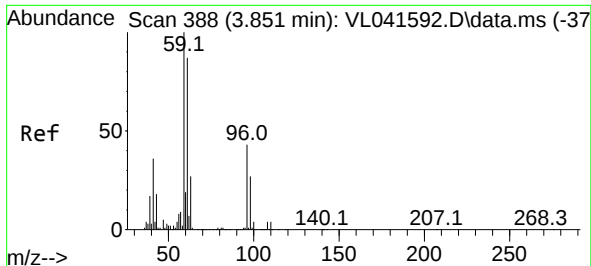
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#16
1,3-Butadiene
Concen: 10.647 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

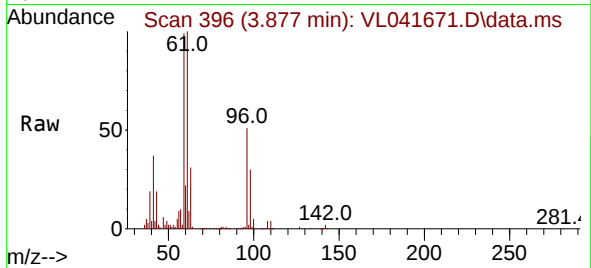
Tgt Ion: 39 Resp: 670208
Ion Ratio Lower Upper
39 100
54 74.6 62.9 94.3





#17
tert-Butyl alcohol
Concen: 9.898 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.026 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

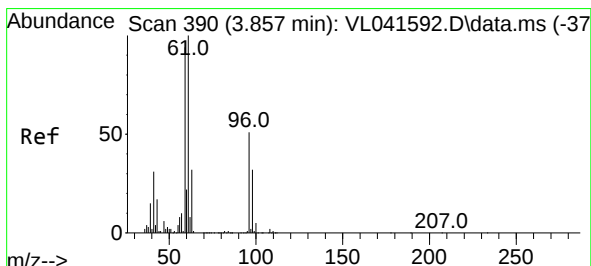
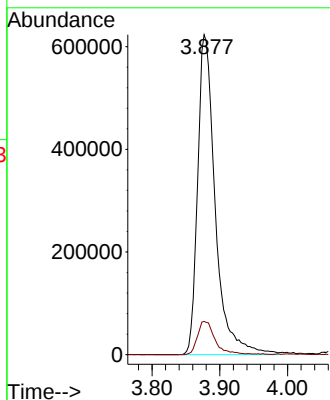
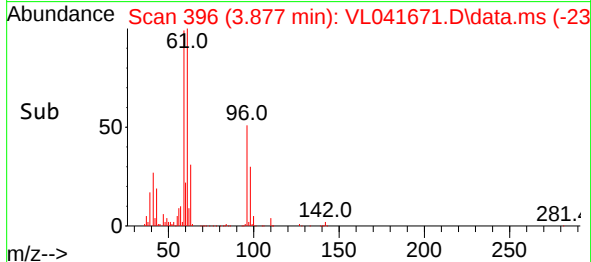
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



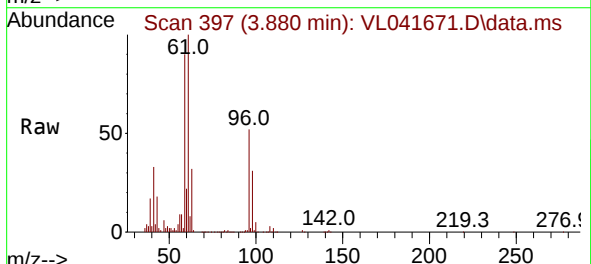
Tgt Ion: 59 Resp: 112657
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
APPROVED

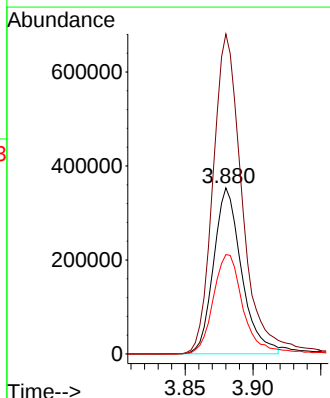
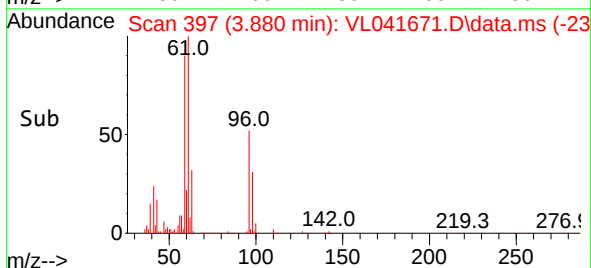
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

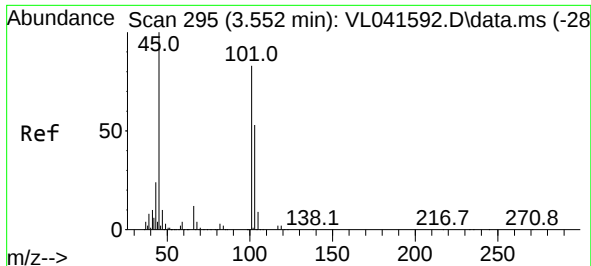


#18
1,1-Dichloroethene
Concen: 10.430 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



Tgt Ion: 96 Resp: 506597
Ion Ratio Lower Upper
96 100
61 192.7 155.6 233.4
98 59.8 50.6 75.8





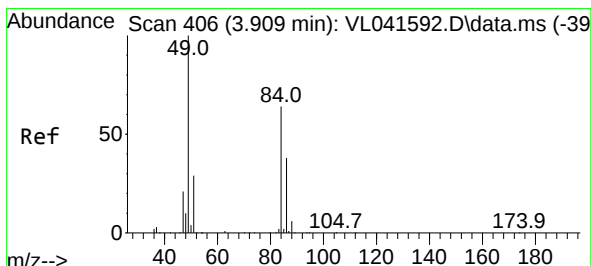
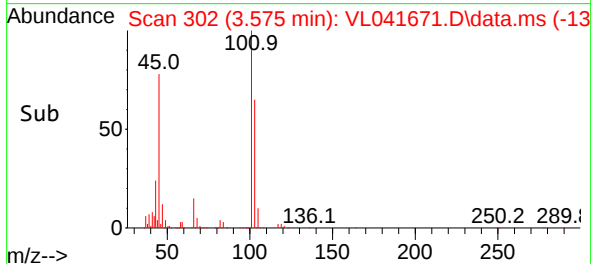
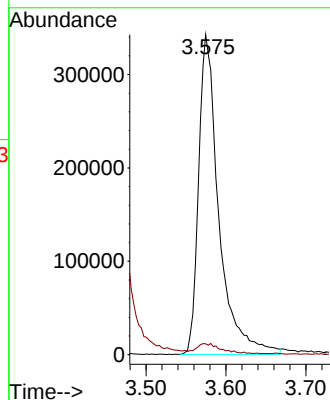
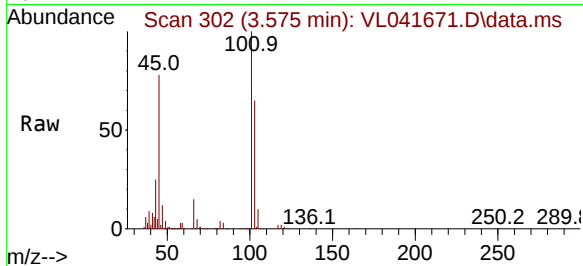
#19
Isopropyl Alcohol
Concen: 9.102 ppbv
RT: 3.575 min Scan# 302
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 602985
Ion Ratio Lower Upper
45 100
58 5.6 2.1 3.1

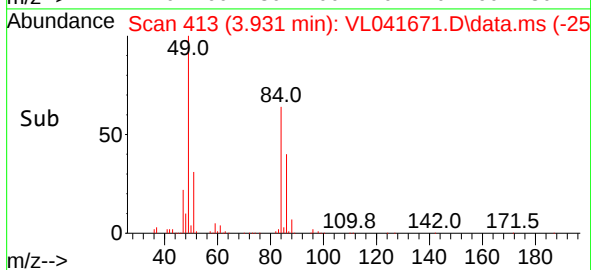
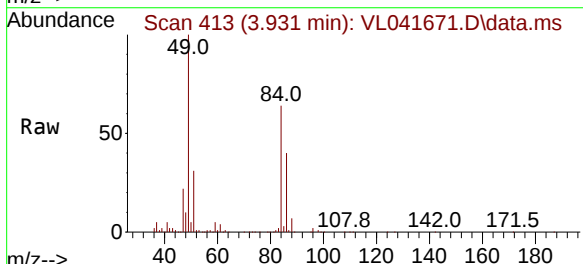
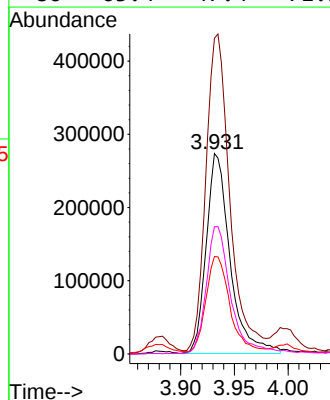
Manual Integrations
APPROVED

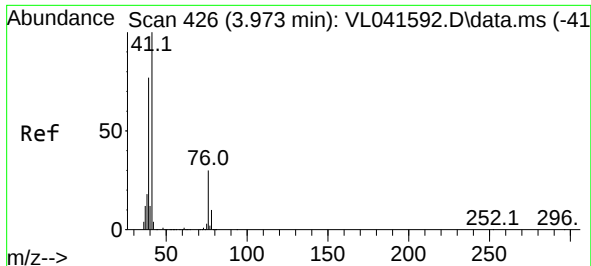
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#20
Methylene Chloride
Concen: 8.674 ppbv
RT: 3.931 min Scan# 413
Delta R.T. 0.023 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

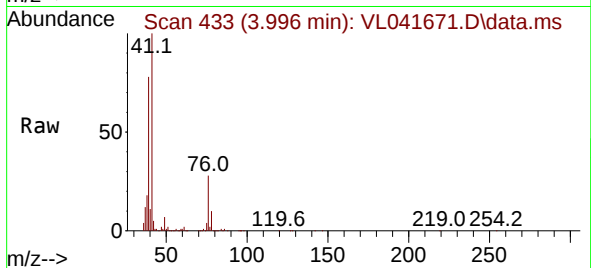
Tgt Ion: 84 Resp: 421697
Ion Ratio Lower Upper
84 100
49 155.9 124.3 186.5
51 47.3 36.3 54.5
86 63.4 47.4 71.2





#21
 Allyl Chloride
 Concen: 10.554 ppbv
 RT: 3.996 min Scan# 41
 Delta R.T. 0.023 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

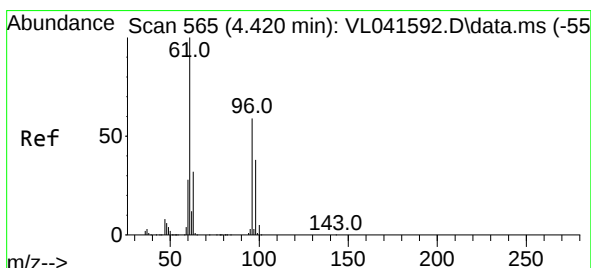
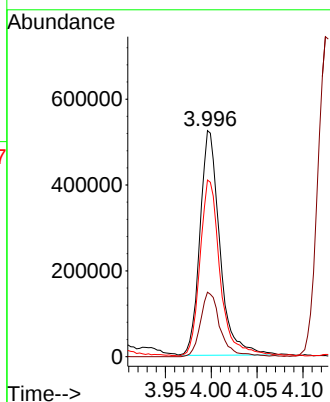
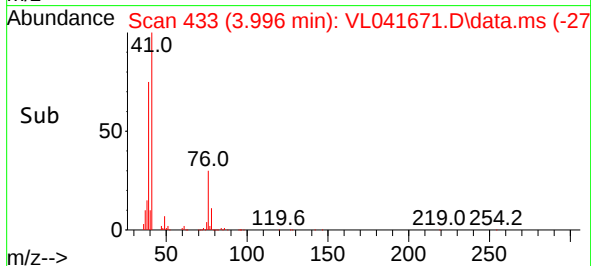
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 791658
 Ion Ratio Lower Upper
 41 100
 76 28.7 23.8 35.6
 39 79.8 63.9 95.9

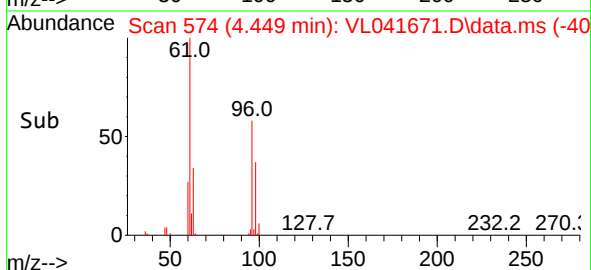
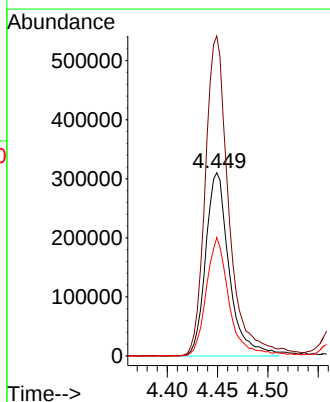
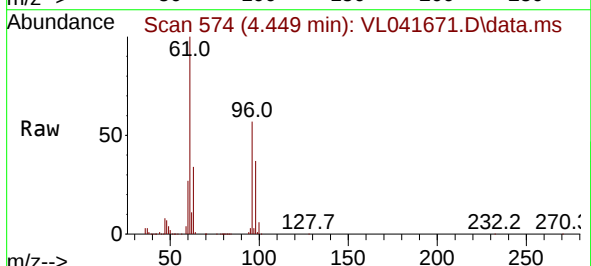
Manual Integrations
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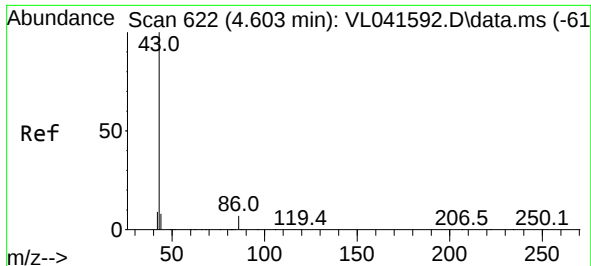
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#22
 trans-1,2-Dichloroethene
 Concen: 10.462 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.029 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

Tgt Ion: 96 Resp: 506927
 Ion Ratio Lower Upper
 96 100
 61 174.4 135.7 203.5
 98 64.5 50.9 76.3





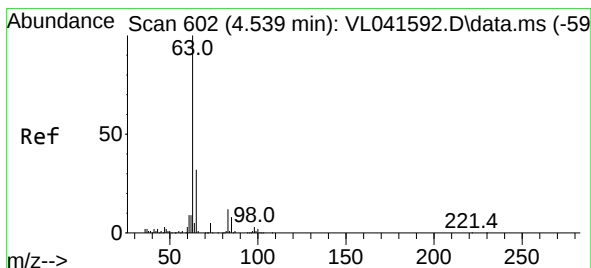
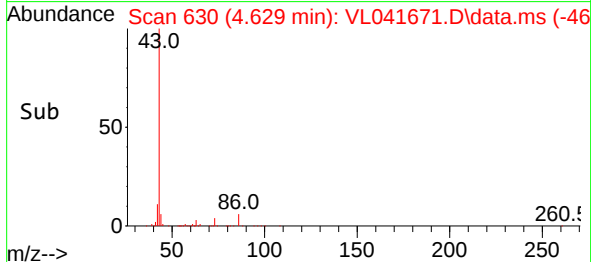
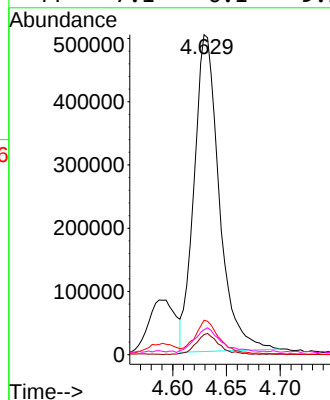
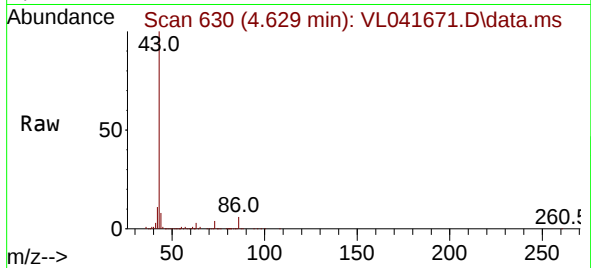
#23
 Vinyl Acetate
 Concen: 11.396 ppbv
 RT: 4.629 min Scan# 610
 Delta R.T. 0.026 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 43 Resp: 811189
 Ion Ratio Lower Upper
 43 100
 86 6.2 4.9 7.3
 42 10.6 8.0 12.0
 44 7.1 6.1 9.1

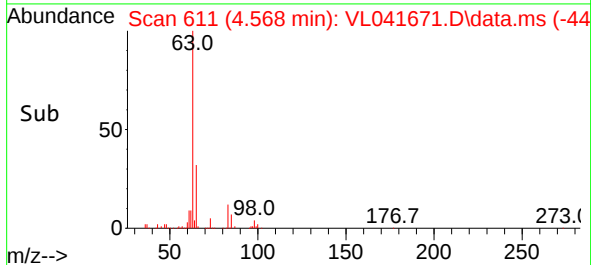
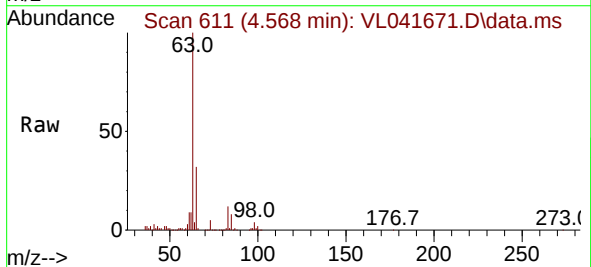
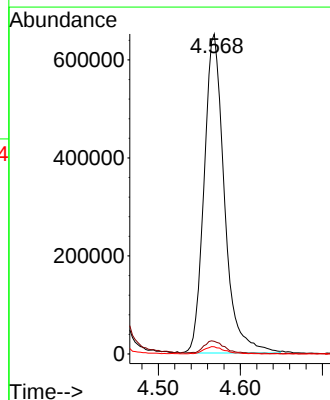
Manual Integrations
 APPROVED

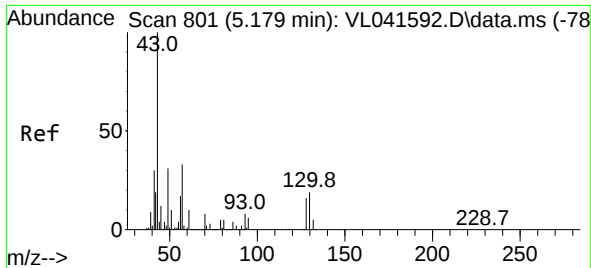
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#24
 1,1-Dichloroethane
 Concen: 10.468 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.029 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

Tgt Ion: 63 Resp: 1118454
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.7 5.1
 100 2.2 1.1 3.3





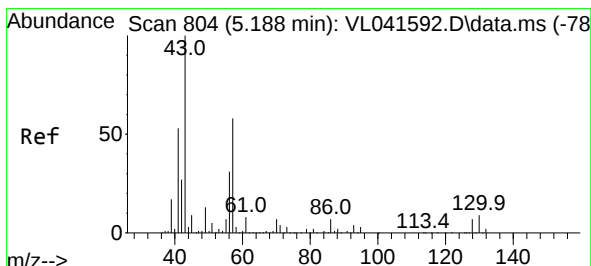
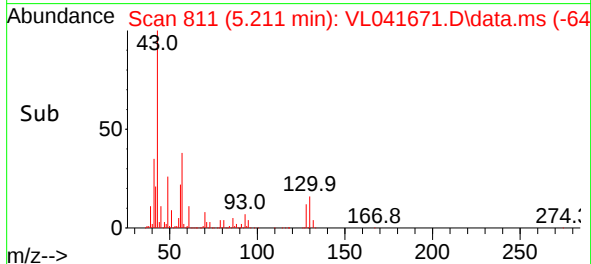
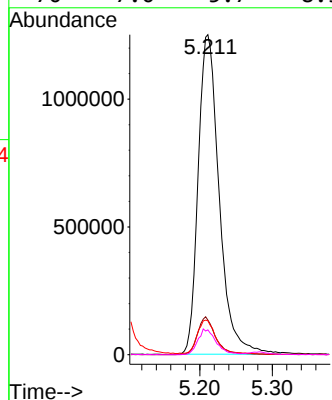
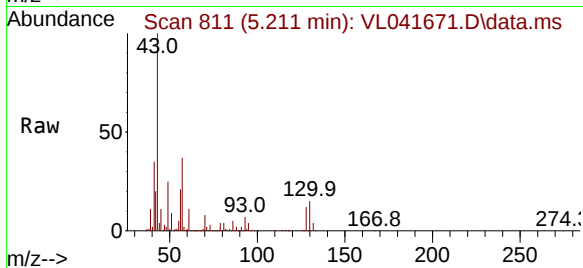
#25
Ethyl Acetate
Concen: 10.826 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.032 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 251515
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.2
61 10.2 8.0 12.0
70 7.0 5.7 8.5

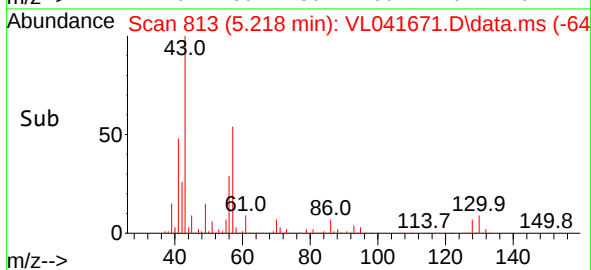
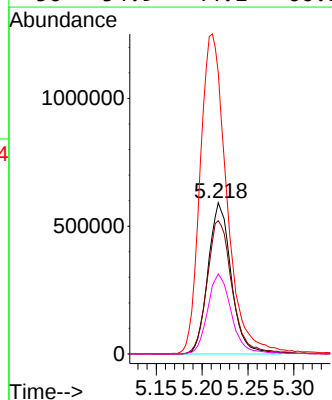
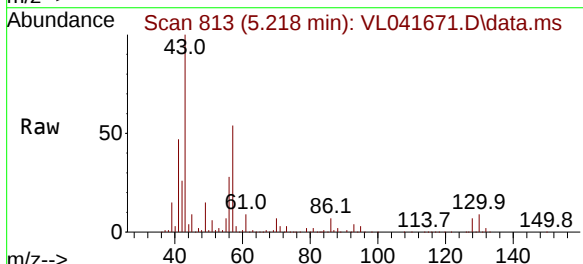
Manual Integrations
APPROVED

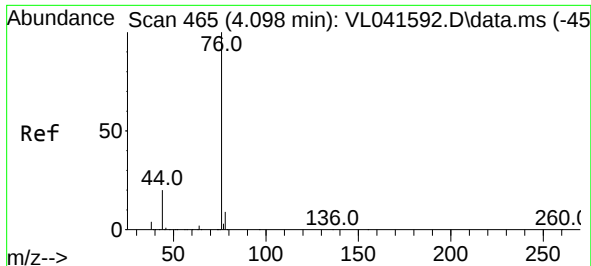
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#26
Hexane
Concen: 10.681 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.029 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

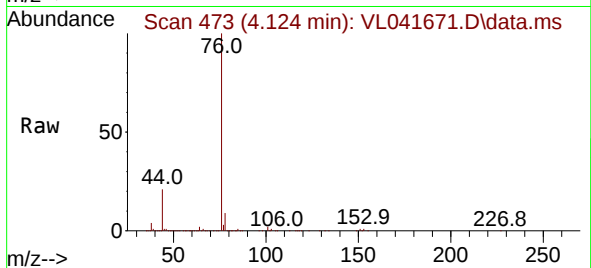
Tgt Ion: 57 Resp: 1034872
Ion Ratio Lower Upper
57 100
41 96.3 75.7 113.5
43 245.5 198.5 297.7
56 54.9 44.1 66.1





#27
Carbon Disulfide
Concen: 11.903 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

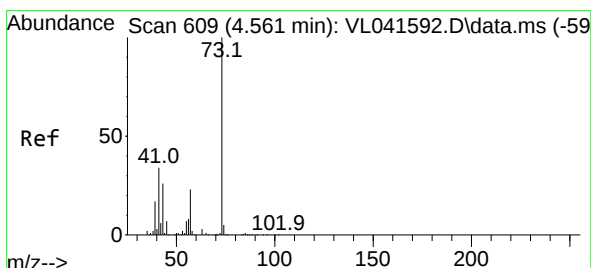
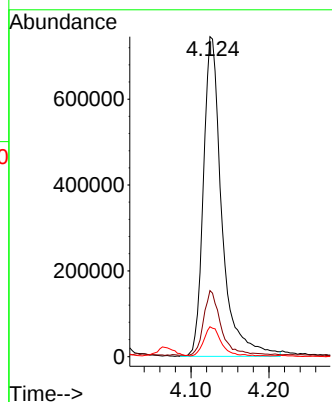
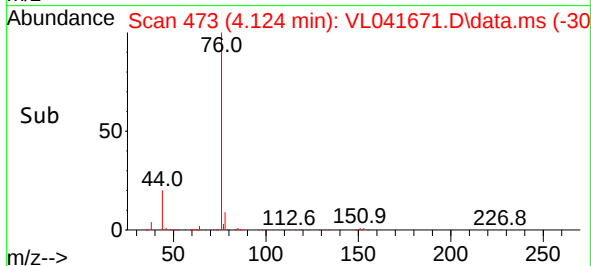
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 122588
Ion Ratio Lower Upper
76 100
44 20.2 15.8 23.8
78 9.3 7.5 11.3

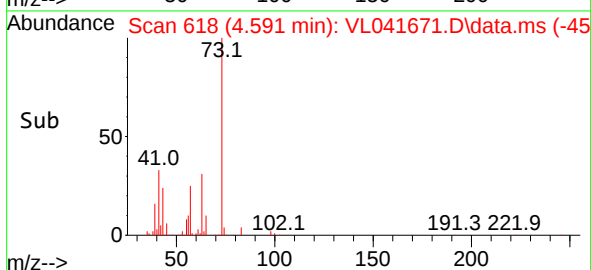
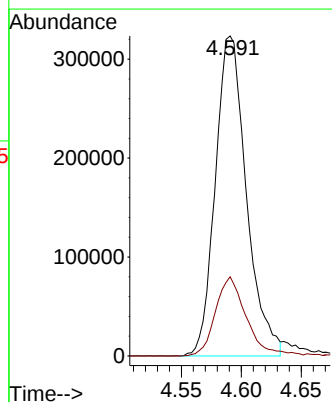
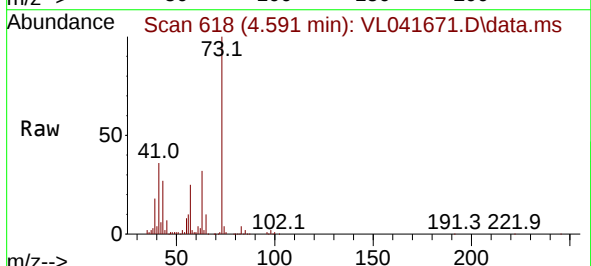
Manual Integrations
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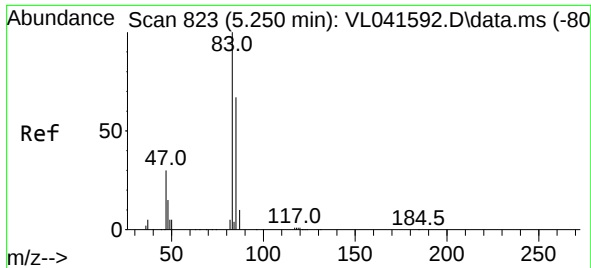
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#28
Methyl tert-Butyl Ether
Concen: 9.763 ppbv
RT: 4.591 min Scan# 618
Delta R.T. 0.029 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Tgt Ion: 73 Resp: 583195
Ion Ratio Lower Upper
73 100
57 25.1 19.3 28.9





#29

Chloroform

Concen: 10.348 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.032 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 83 Resp: 164065

Ion Ratio Lower Upper

83 100

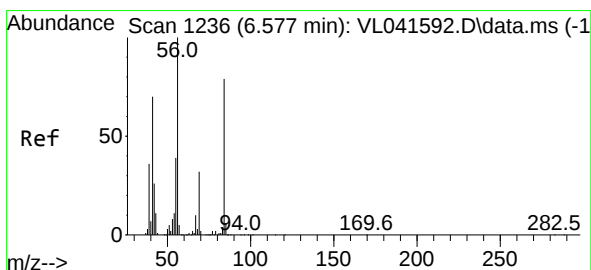
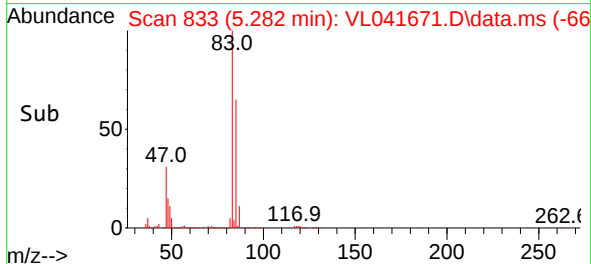
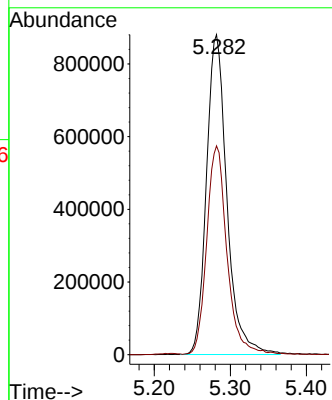
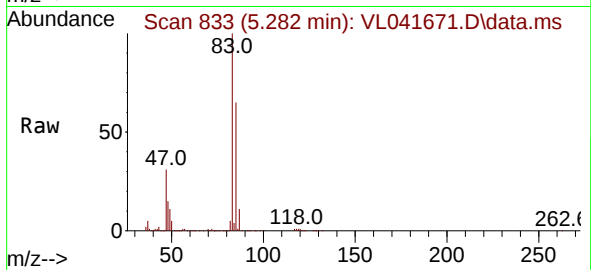
85 65.0 53.8 80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#30

Cyclohexane

Concen: 11.736 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.036 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

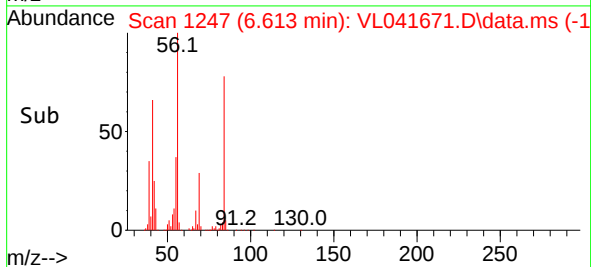
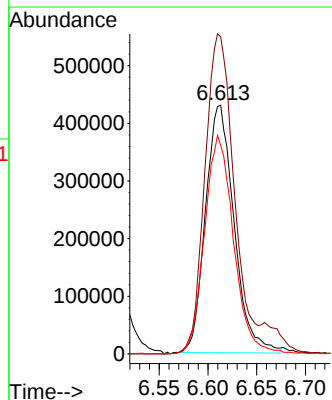
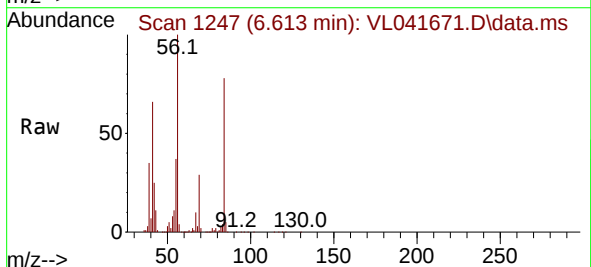
Tgt Ion: 84 Resp: 876552

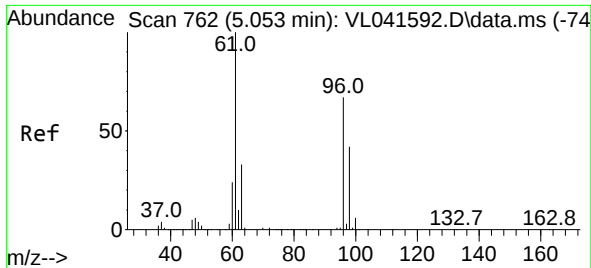
Ion Ratio Lower Upper

84 100

56 140.5 111.5 167.3

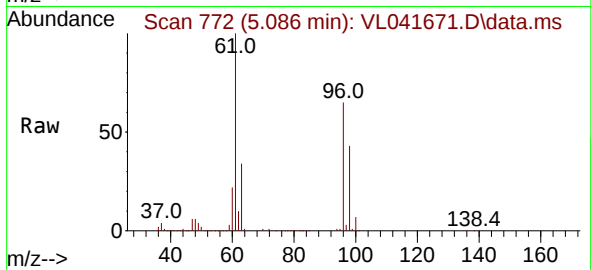
41 89.8 70.9 106.3





#31
 cis-1,2-Dichloroethene
 Concen: 10.589 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.032 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

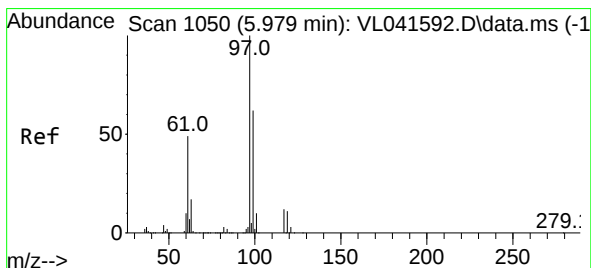
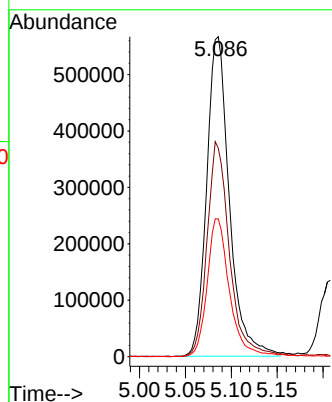
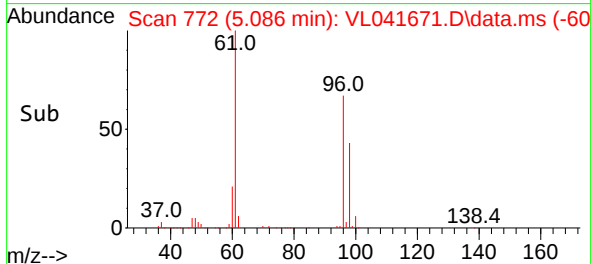
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



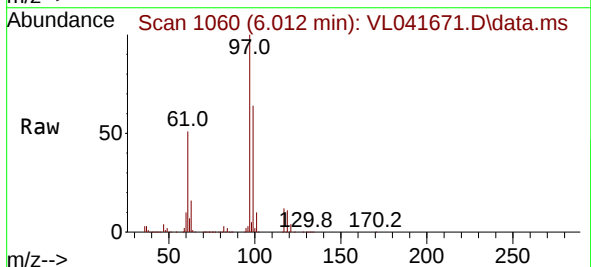
Tgt Ion: 61 Resp: 974038
 Ion Ratio Lower Upper
 61 100
 96 65.2 53.5 80.3
 98 43.1 33.7 50.5

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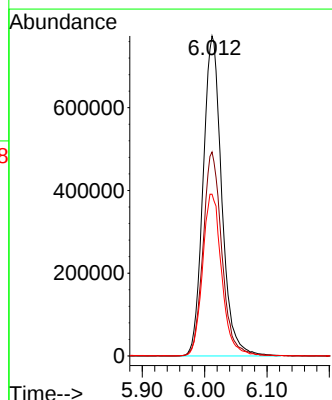
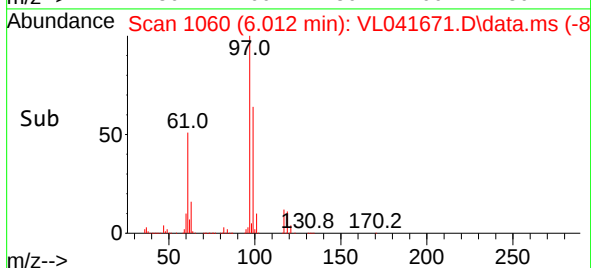
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

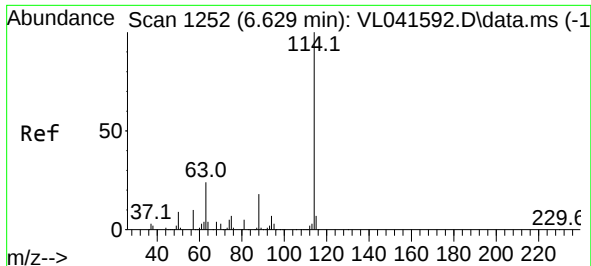


#32
 1,1,1-Trichloroethane
 Concen: 11.373 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. 0.032 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00



Tgt Ion: 97 Resp: 1606151
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.0 76.4
 61 52.3 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.036 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:114 Resp: 2821004

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

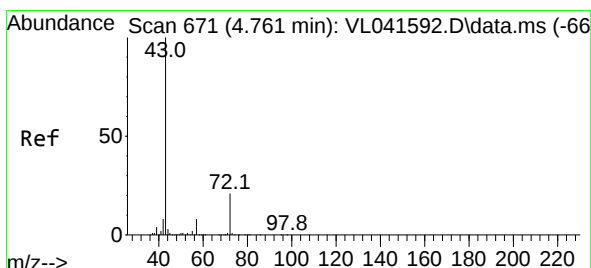
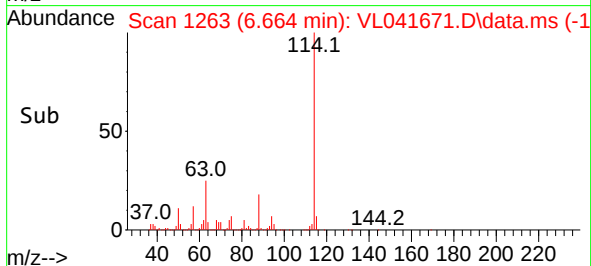
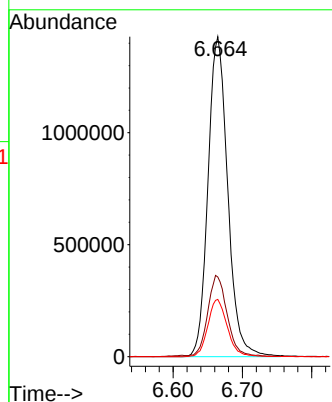
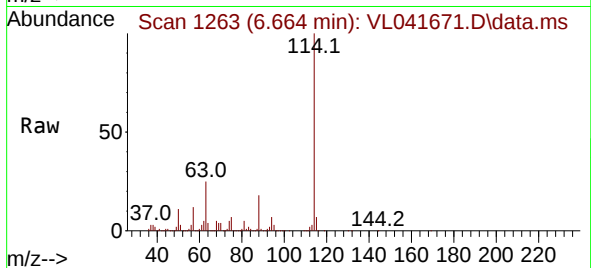
88 17.7 14.2 21.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#34

2-Butanone

Concen: 10.347 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.029 min

Lab File: VL041671.D

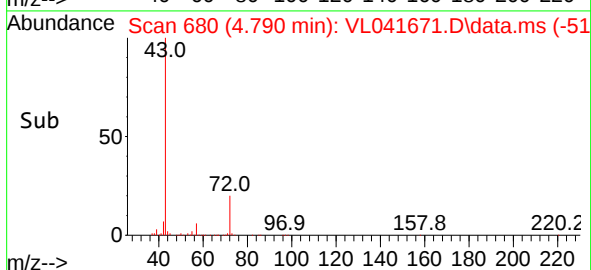
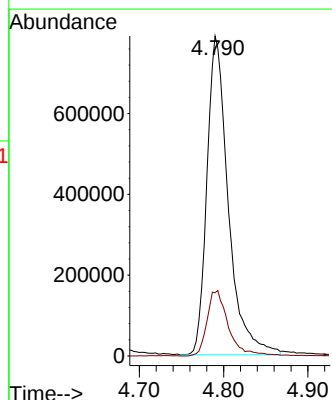
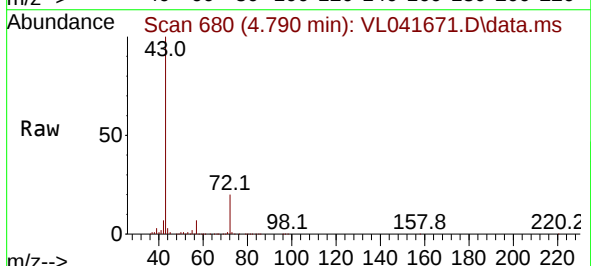
Acq: 14 Oct 2024 17:00

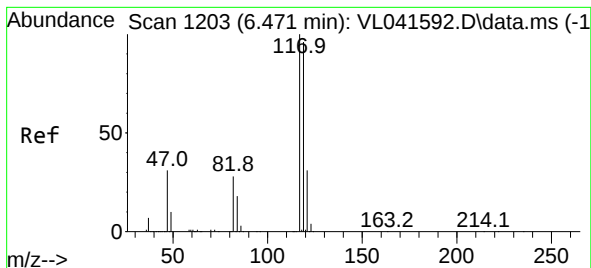
Tgt Ion: 43 Resp: 1391757

Ion Ratio Lower Upper

43 100

72 20.9 16.8 25.2





#35

Carbon Tetrachloride

Concen: 12.102 ppbv

RT: 6.500 min Scan# 1175

Delta R.T. 0.029 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:117 Resp: 1675080

Ion Ratio Lower Upper

117 100

119 93.6 76.8 115.2

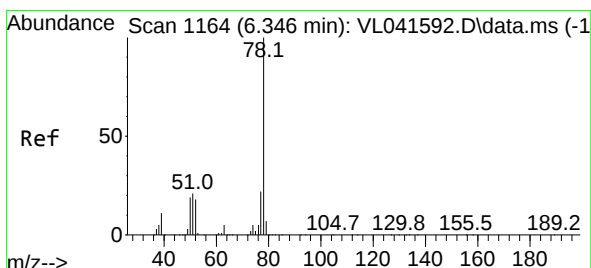
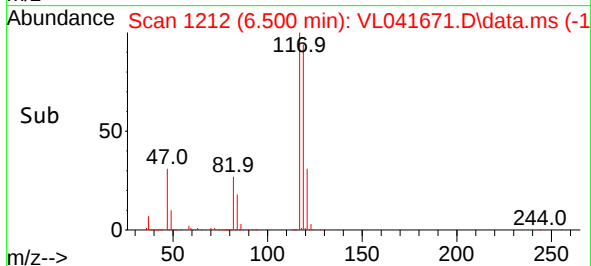
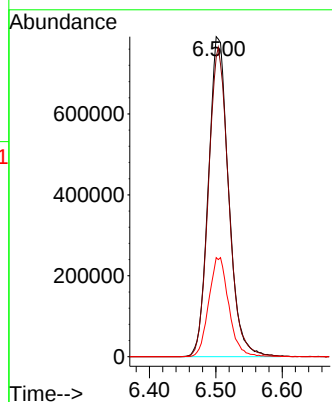
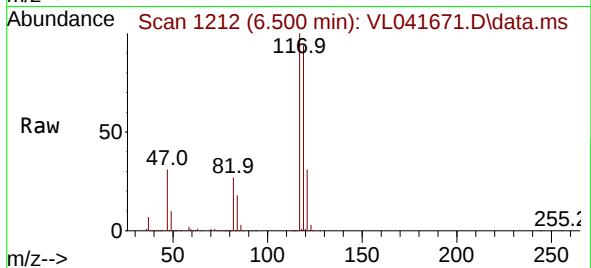
121 31.0 25.0 37.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#36

Benzene

Concen: 11.110 ppbv

RT: 6.382 min Scan# 1175

Delta R.T. 0.036 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

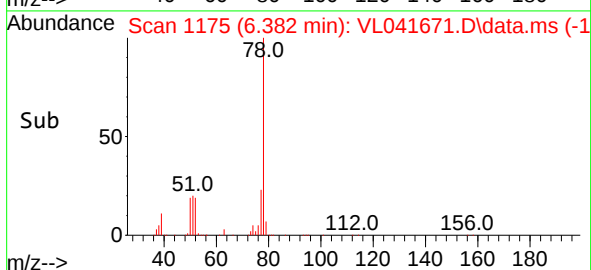
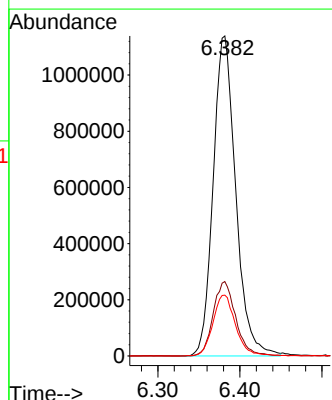
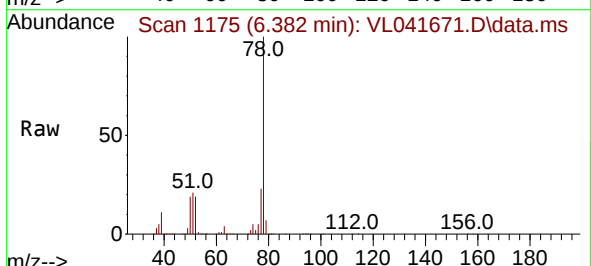
Tgt Ion: 78 Resp: 2176601

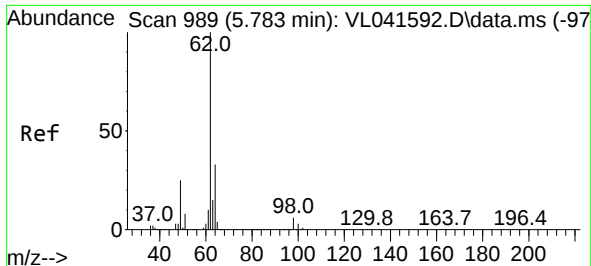
Ion Ratio Lower Upper

78 100

77 23.2 17.8 26.6

50 19.0 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.687 ppbv

RT: 5.816 min Scan# 989

Delta R.T. 0.032 min

Lab File: VL041671.D

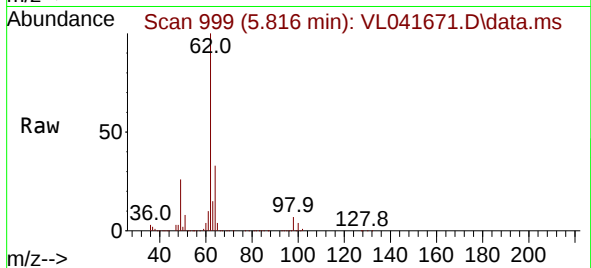
Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 62 Resp: 1214849

Ion Ratio Lower Upper

62 100

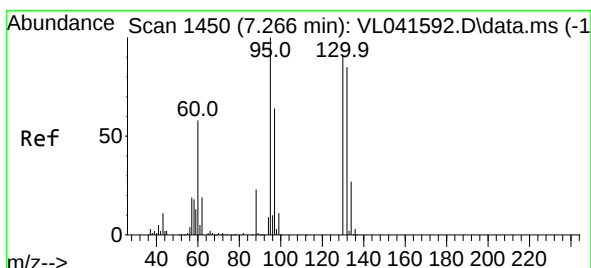
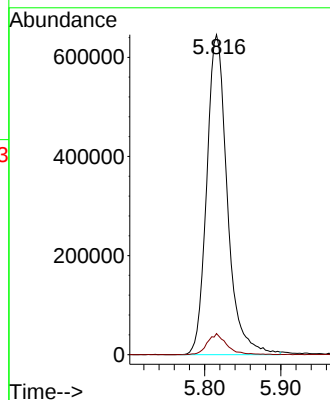
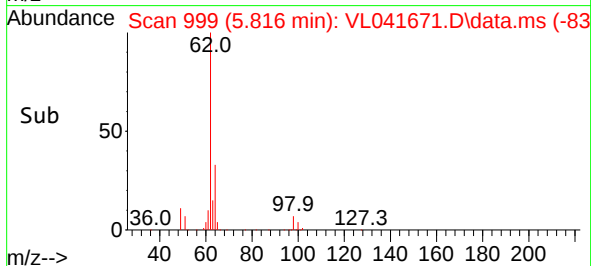
98 6.2 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#38

Trichloroethene

Concen: 11.020 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.039 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

Tgt Ion:130 Resp: 1111773

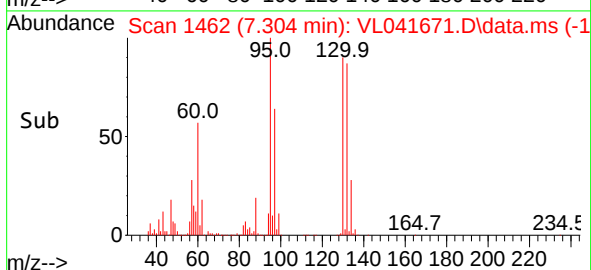
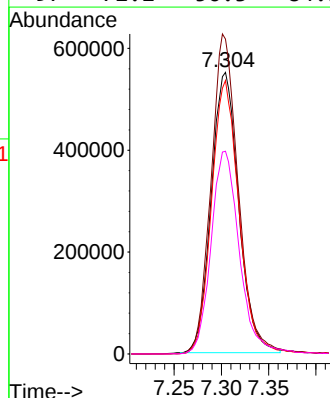
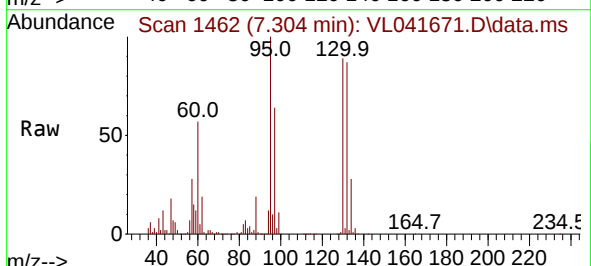
Ion Ratio Lower Upper

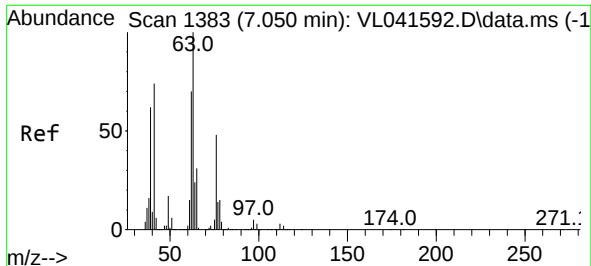
130 100

95 112.2 87.7 131.5

132 97.5 74.5 111.7

97 72.2 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.807 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.036 min

Lab File: VL041671.D

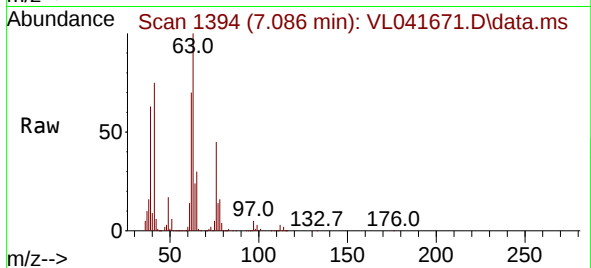
Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 63 Resp: 86134

Ion Ratio Lower Upper

63 100

41 74.6 59.5 89.3

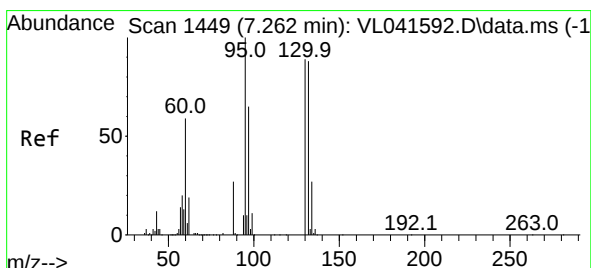
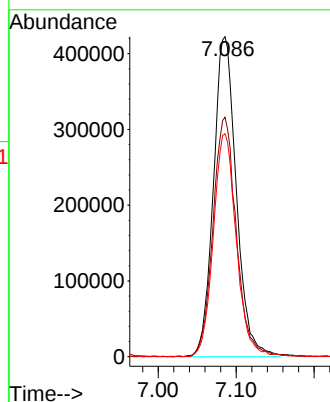
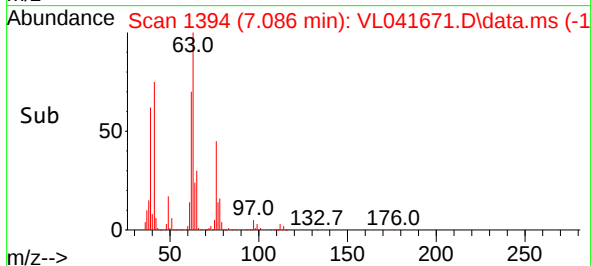
62 69.5 56.2 84.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#40

1,4-Dioxane

Concen: 9.528 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.036 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

Tgt Ion: 88 Resp: 286277

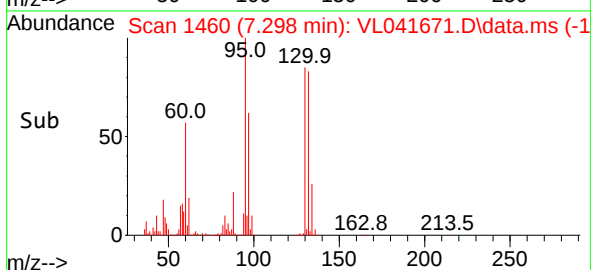
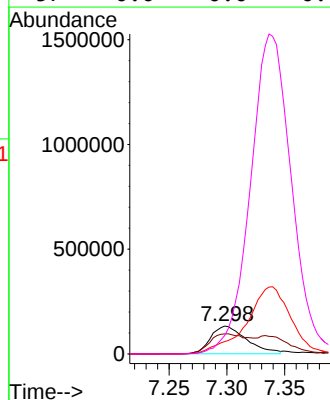
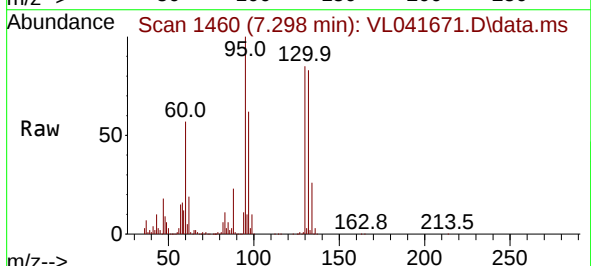
Ion Ratio Lower Upper

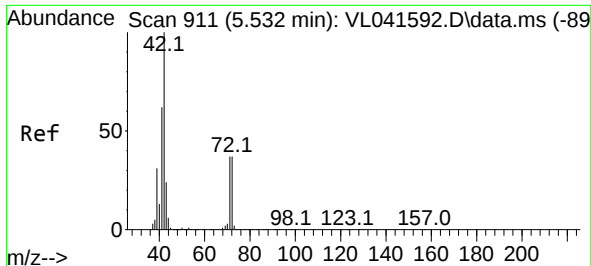
88 100

58 140.1 100.2 150.4

43 0.0 0.0 0.0

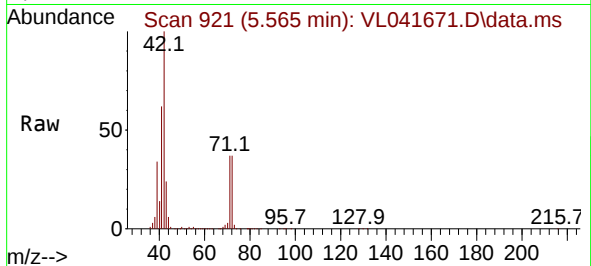
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 11.704 ppbv
RT: 5.565 min Scan# 911
Delta R.T. 0.032 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

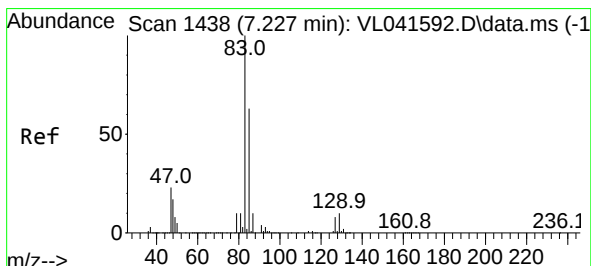
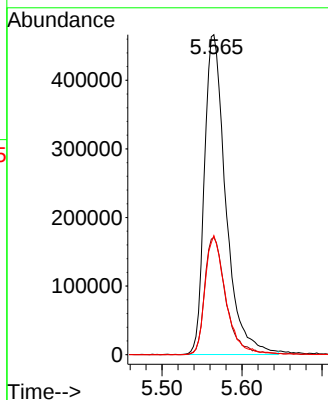
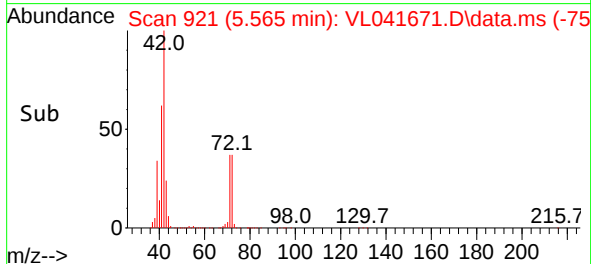
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 86636
Ion Ratio Lower Upper
42 100
72 36.8 30.2 45.2
71 36.3 29.6 44.4

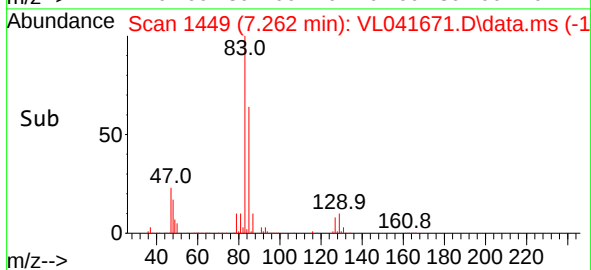
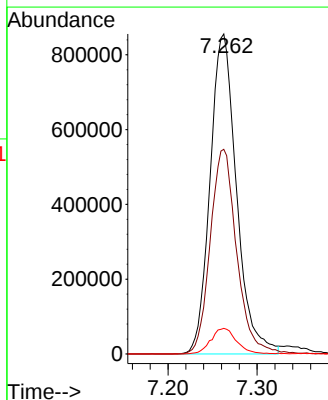
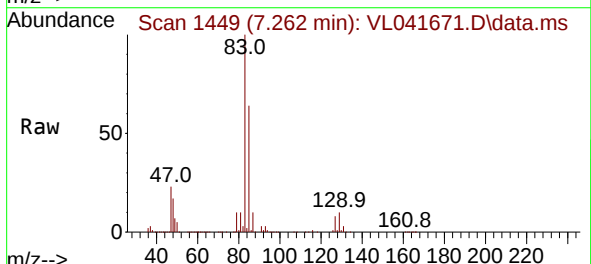
Manual Integrations
APPROVED

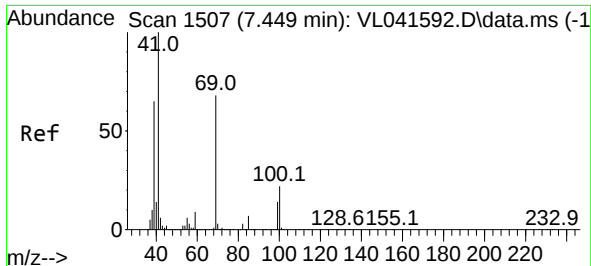
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#42
Bromodichloromethane
Concen: 11.169 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

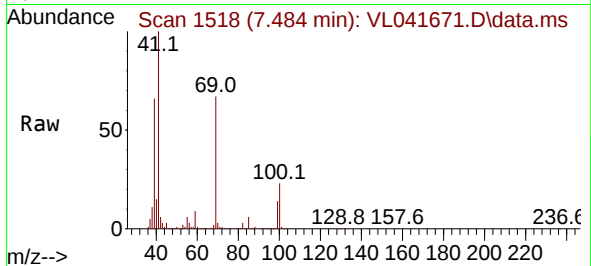
Tgt Ion: 83 Resp: 1766418
Ion Ratio Lower Upper
83 100
85 63.9 50.5 75.7
127 8.0 6.5 9.7





#43
Methyl Methacrylate
Concen: 12.130 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

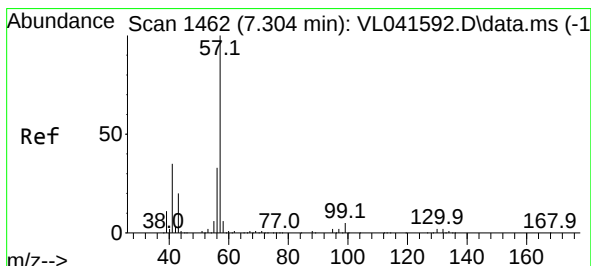
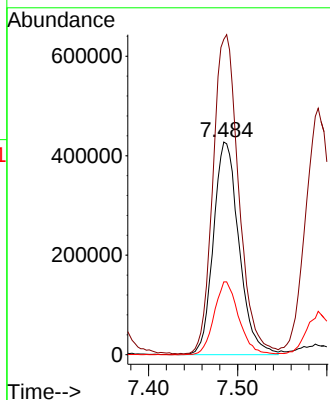
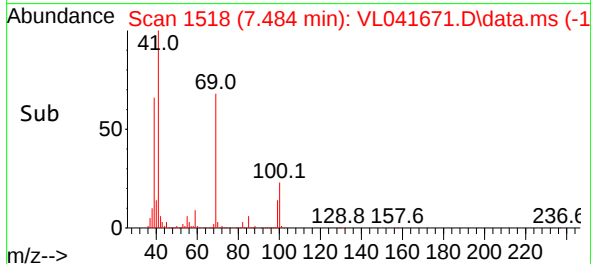
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 85042
Ion Ratio Lower Upper
69 100
41 152.1 121.8 182.6
100 33.1 26.5 39.7

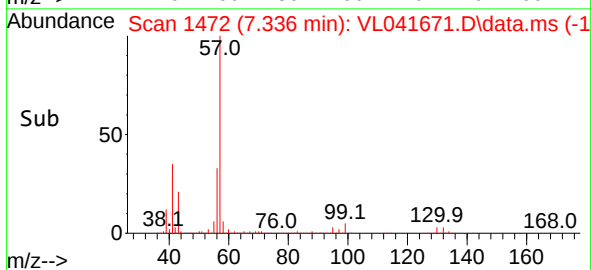
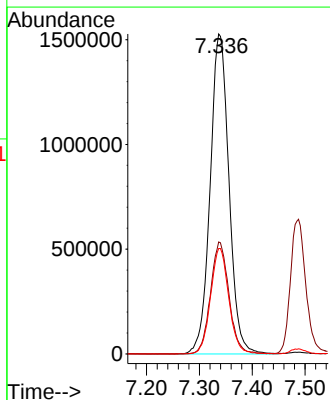
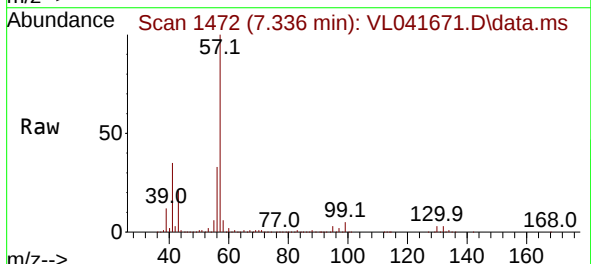
Manual Integrations
APPROVED

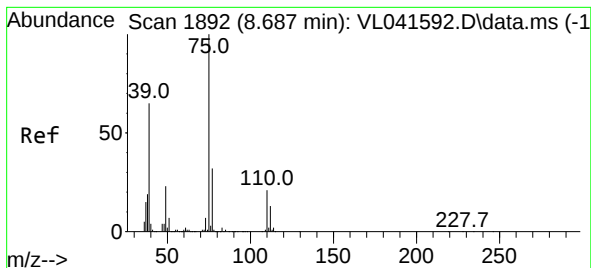
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#44
2,2,4-Trimethylpentane
Concen: 11.171 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.032 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Tgt Ion: 57 Resp: 3786476
Ion Ratio Lower Upper
57 100
41 34.3 27.0 40.6
56 32.0 25.5 38.3





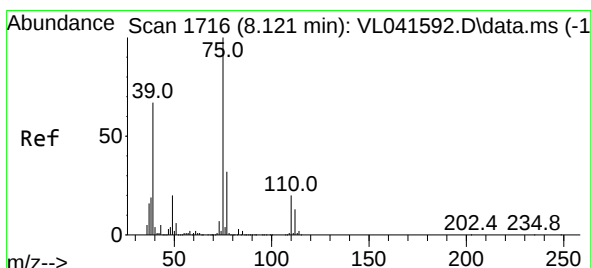
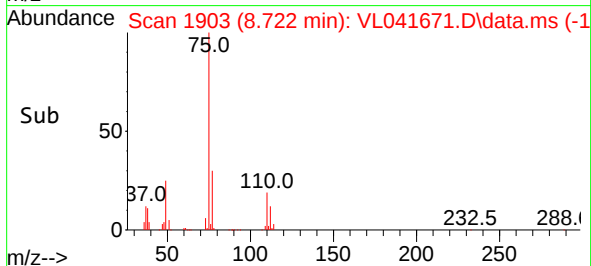
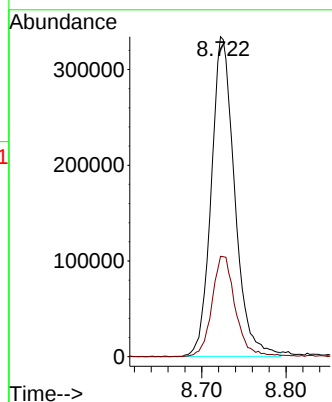
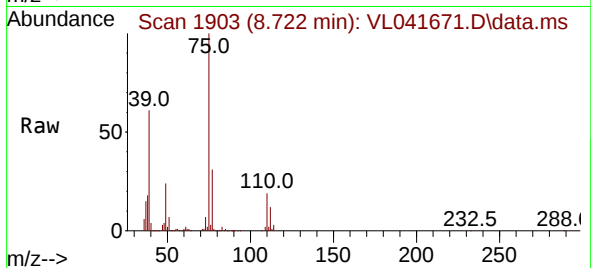
#45
t-1,3-Dichloropropene
Concen: 11.397 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 64423
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0

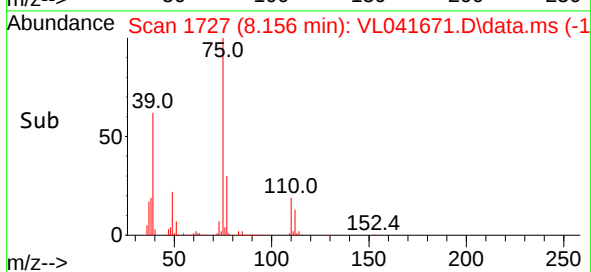
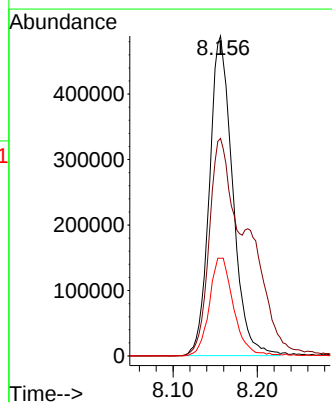
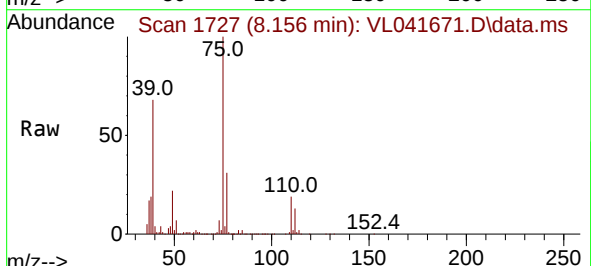
Manual Integrations
APPROVED

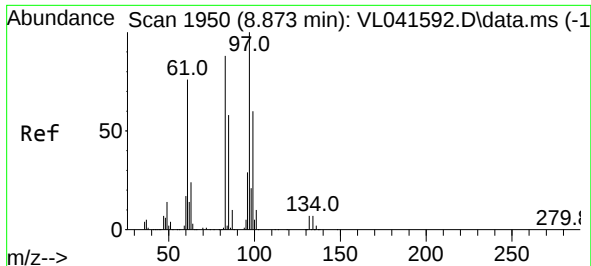
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#46
cis-1,3-Dichloropropene
Concen: 11.294 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Tgt Ion: 75 Resp: 935248
Ion Ratio Lower Upper
75 100
39 68.0 54.0 81.0
77 30.5 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.797 ppbv

RT: 8.912 min Scan# 1950

Delta R.T. 0.039 min

Lab File: VL041671.D

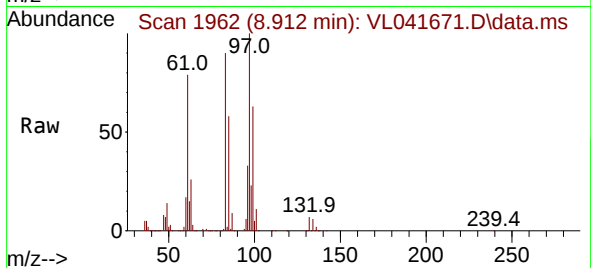
Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 91366

Ion Ratio Lower Upper

97 100

83 90.1 70.2 105.4

85 58.0 46.3 69.5

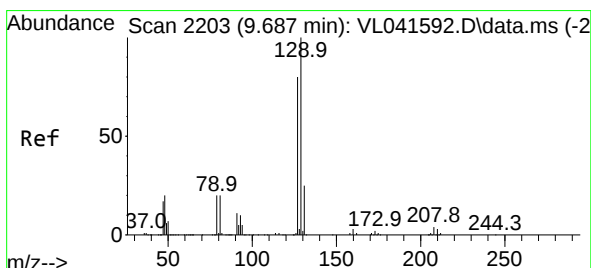
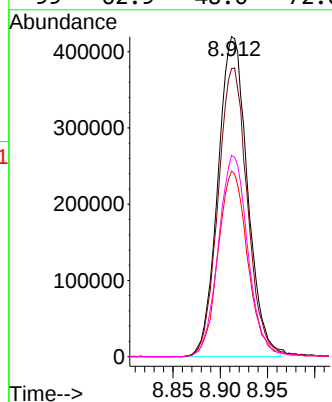
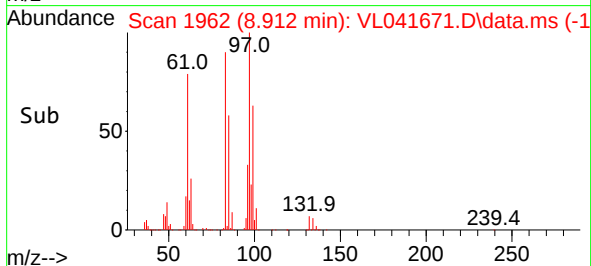
99 62.9 48.0 72.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#48

Dibromochloromethane

Concen: 11.724 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.039 min

Lab File: VL041671.D

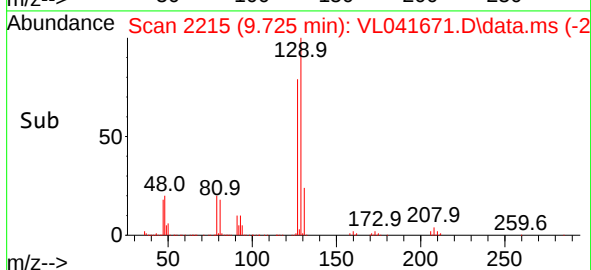
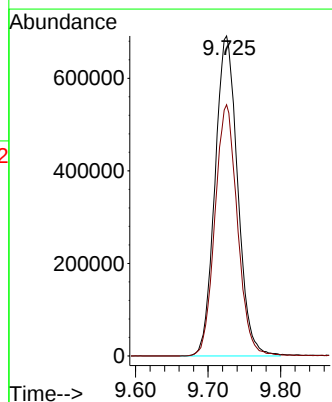
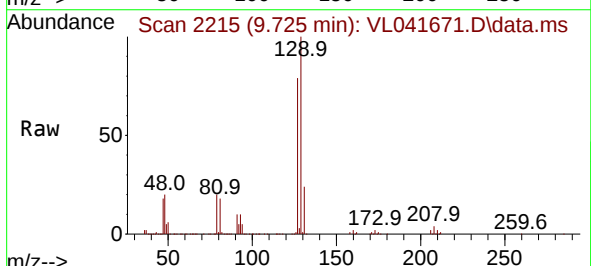
Acq: 14 Oct 2024 17:00

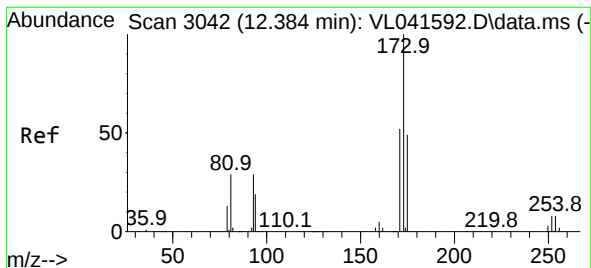
Tgt Ion:129 Resp: 1503187

Ion Ratio Lower Upper

129 100

127 78.3 39.3 117.9





#49

Bromoform

Concen: 11.897 ppbv

RT: 12.423 min Scan# 3042

Delta R.T. 0.039 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 130940

Ion Ratio Lower Upper

173 100

175 49.1 40.1 60.1

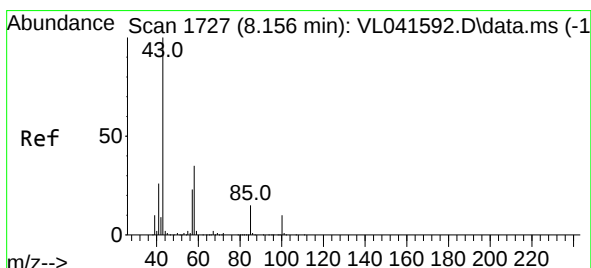
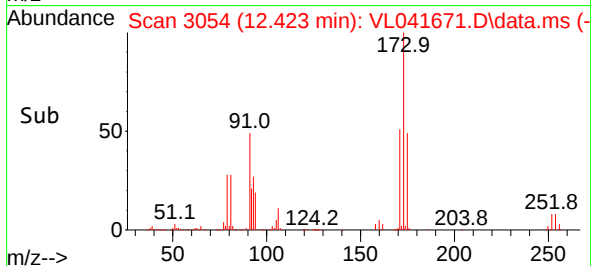
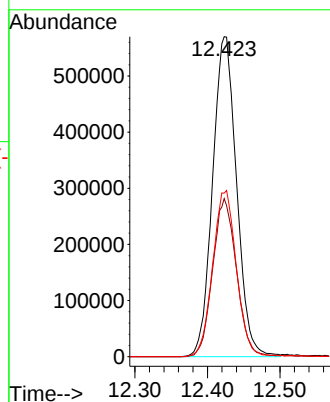
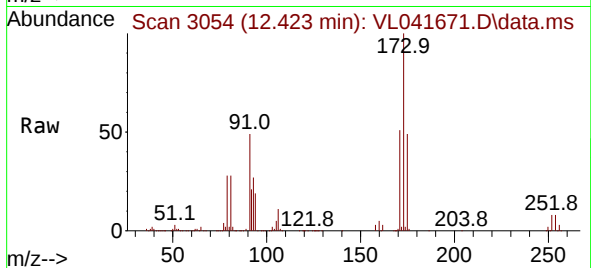
171 52.0 42.2 63.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#50

4-Methyl-2-Pentanone

Concen: 11.939 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.039 min

Lab File: VL041671.D

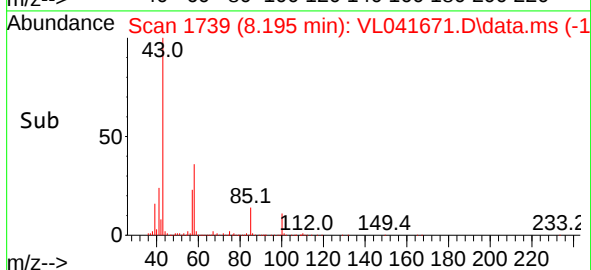
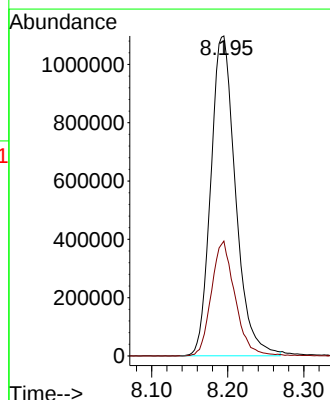
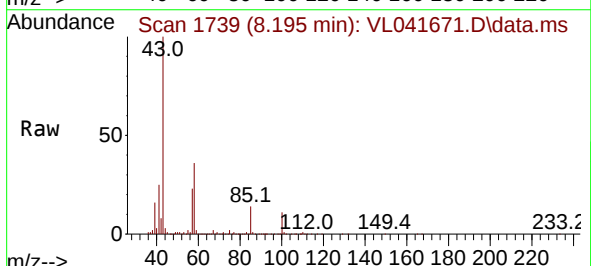
Acq: 14 Oct 2024 17:00

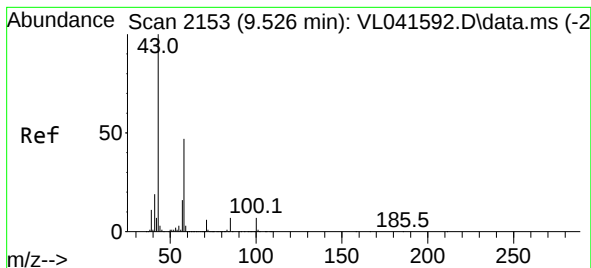
Tgt Ion: 43 Resp: 2480107

Ion Ratio Lower Upper

43 100

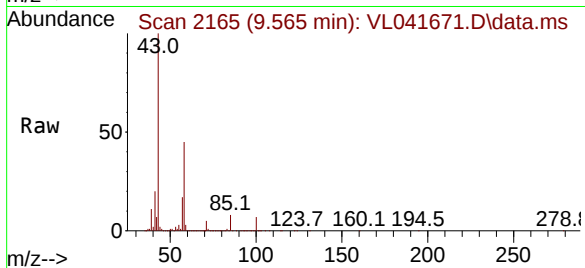
58 34.6 27.8 41.8





#51
2-Hexanone
Concen: 12.432 ppbv
RT: 9.565 min Scan# 2153
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

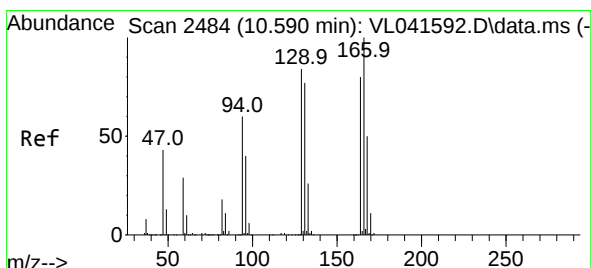
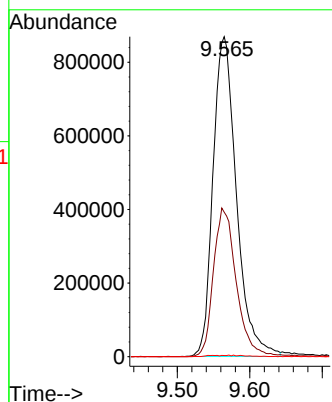
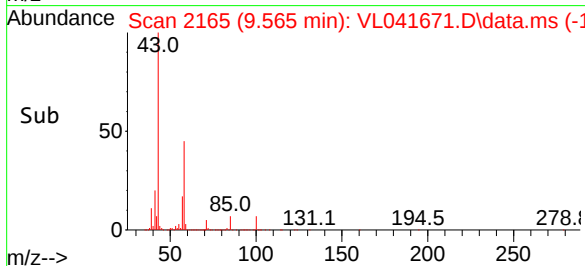
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



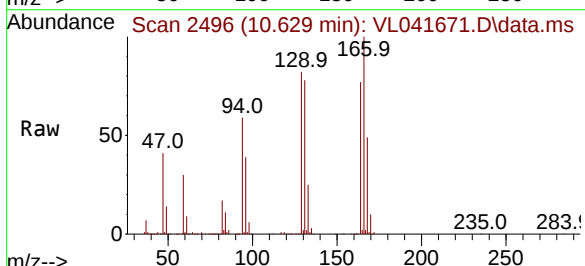
Tgt Ion: 43 Resp: 195344
Ion Ratio Lower Upper
43 100
58 45.7 37.2 55.8
98 0.7 0.5 0.7

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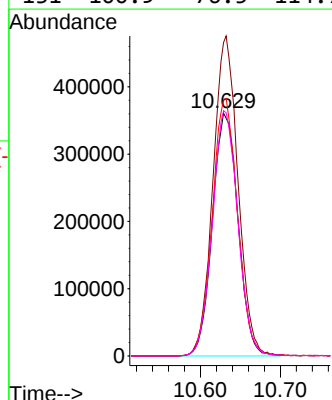
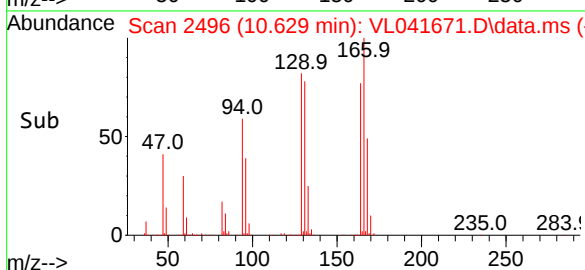
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

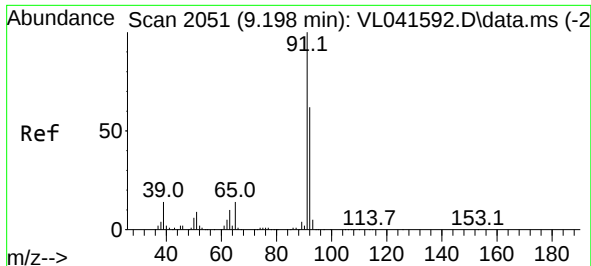


#52
Tetrachloroethene
Concen: 11.329 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



Tgt Ion:164 Resp: 803684
Ion Ratio Lower Upper
164 100
166 129.0 99.4 149.2
129 105.4 83.5 125.3
131 100.9 76.5 114.7





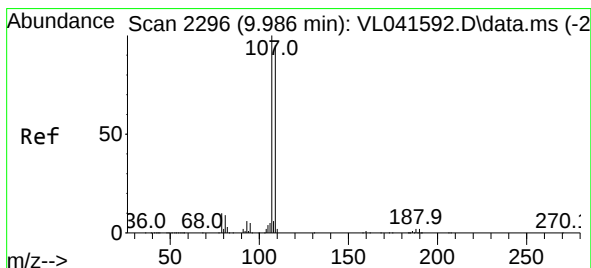
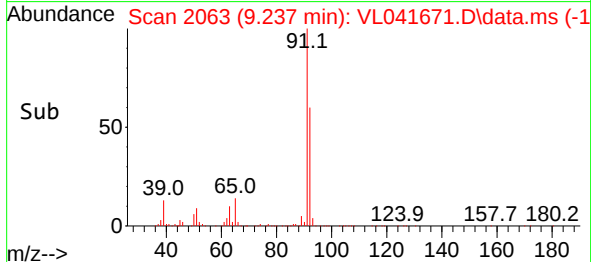
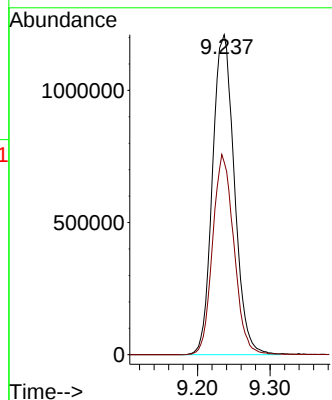
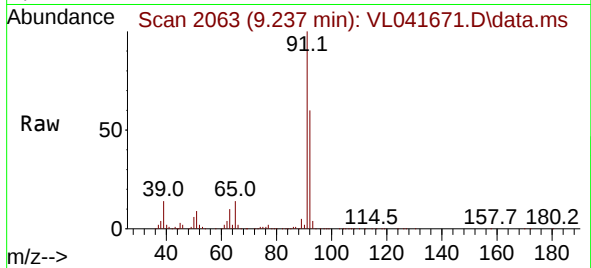
#53
Toluene
Concen: 12.208 ppbv
RT: 9.237 min Scan# 2051
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 253889
Ion Ratio Lower Upper
91 100
92 60.9 48.9 73.3

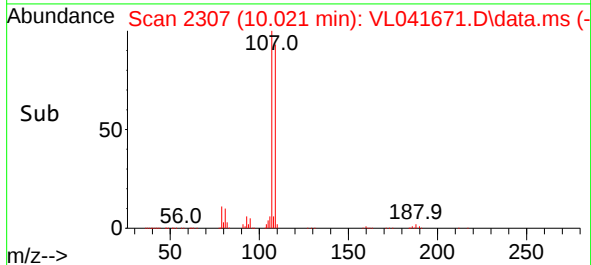
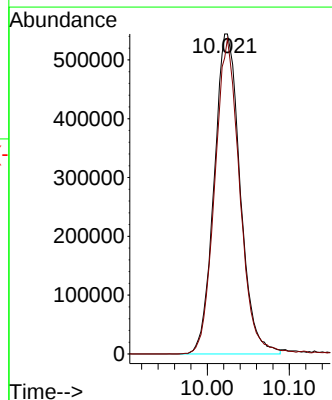
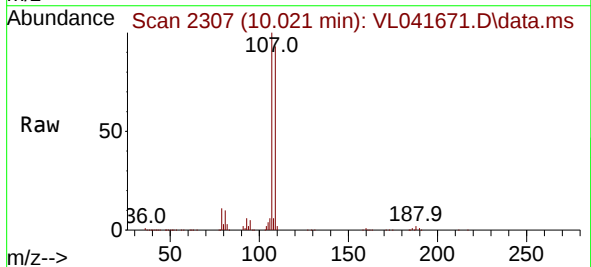
Manual Integrations
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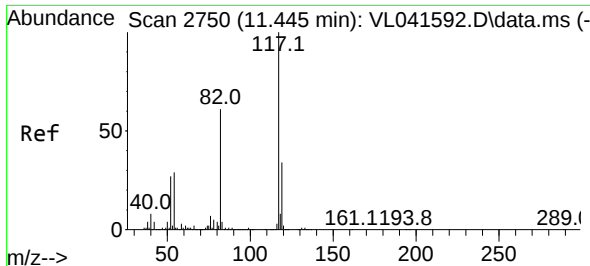
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#54
1,2-Dibromoethane
Concen: 11.517 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

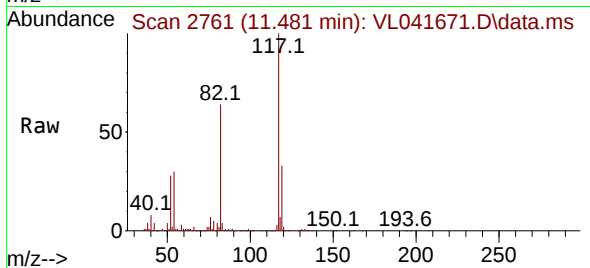
Tgt Ion:107 Resp: 1200182
Ion Ratio Lower Upper
107 100
109 92.5 75.7 113.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

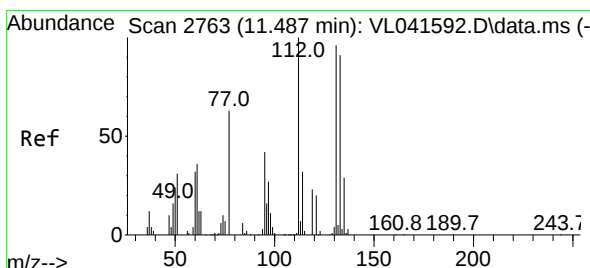
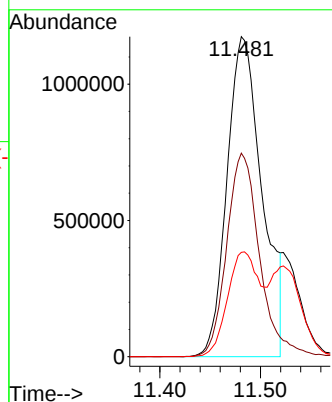
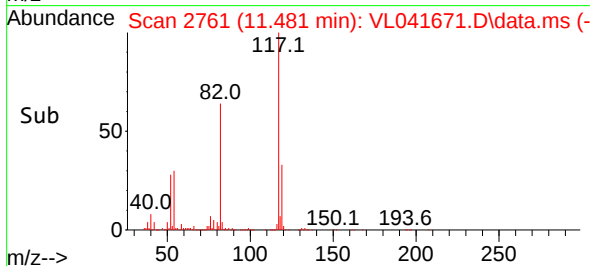
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



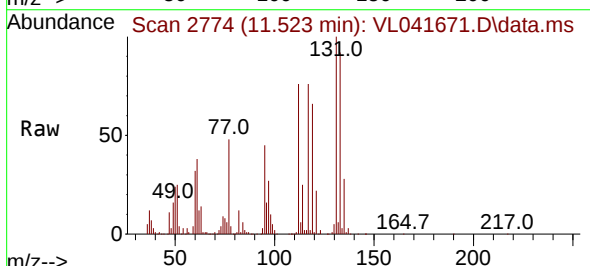
Tgt Ion:117 Resp: 2843970
Ion Ratio Lower Upper
117 100
82 60.1 49.4 74.2
119 31.3 24.4 36.6

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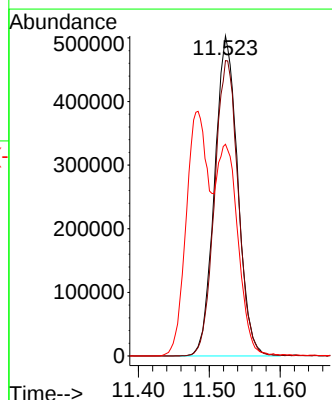
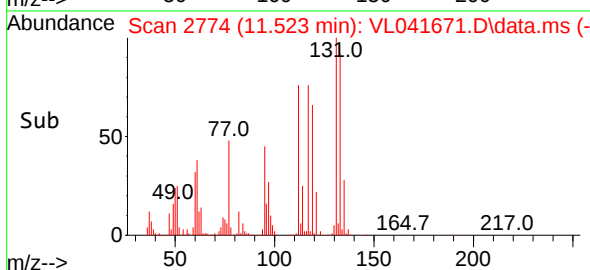
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

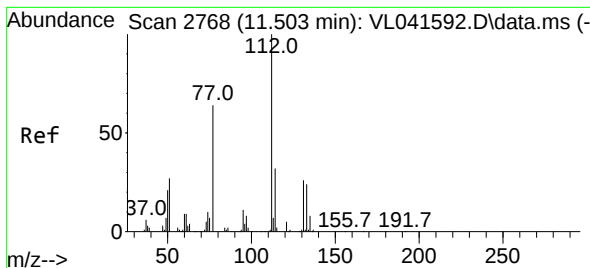


#56
1,1,1,2-Tetrachloroethane
Concen: 10.274 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



Tgt Ion:131 Resp: 1140772
Ion Ratio Lower Upper
131 100
133 94.5 76.6 115.0
119 64.4 48.5 72.7





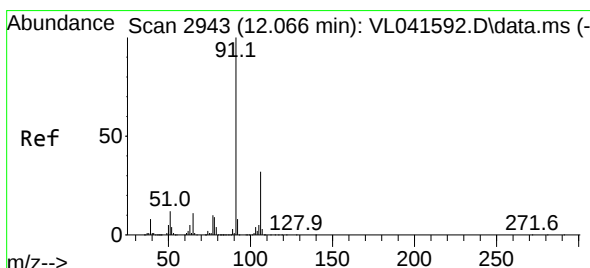
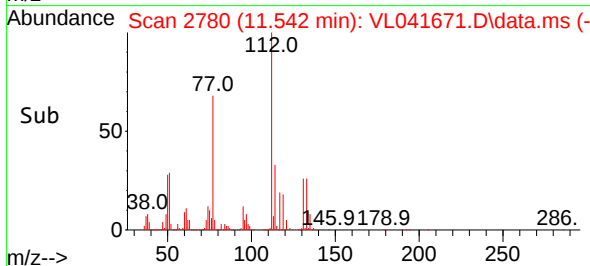
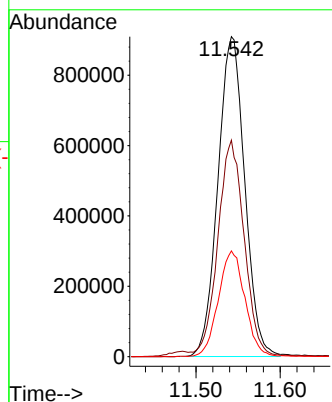
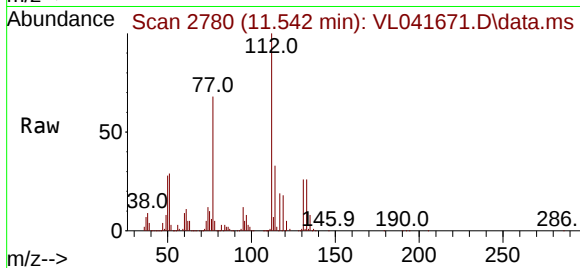
#57
Chlorobenzene
Concen: 9.800 ppbv
RT: 11.542 min Scan# 21
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:112 Resp: 200939
Ion Ratio Lower Upper
112 100
77 67.1 52.0 78.0
114 32.8 28.6 35.0

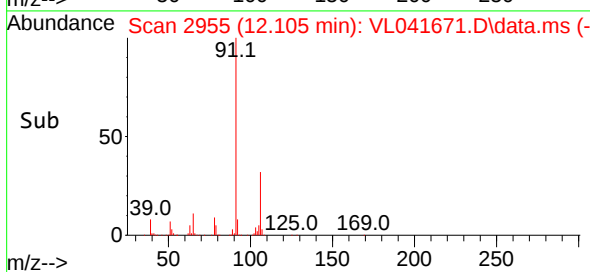
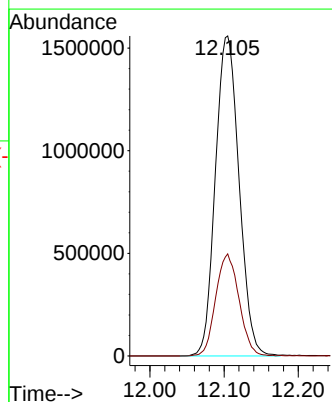
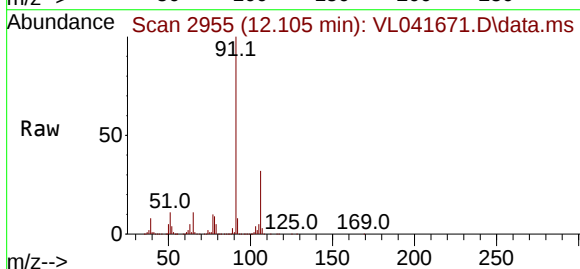
Manual Integrations
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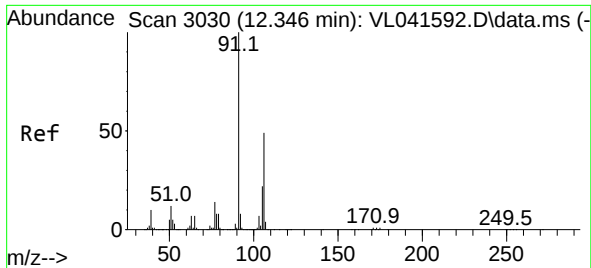
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#58
Ethyl Benzene
Concen: 11.349 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Tgt Ion: 91 Resp: 3455253
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.6





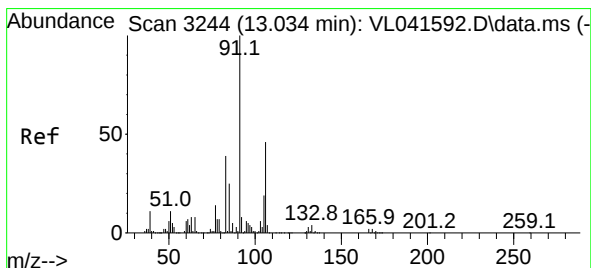
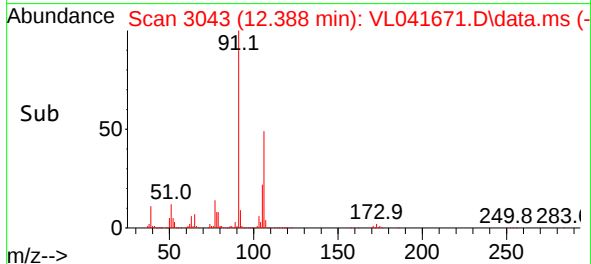
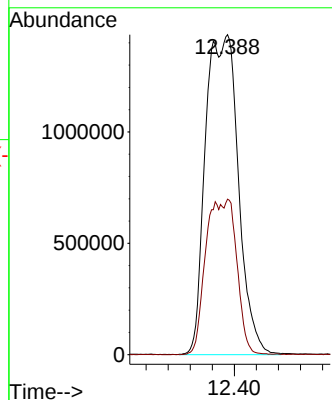
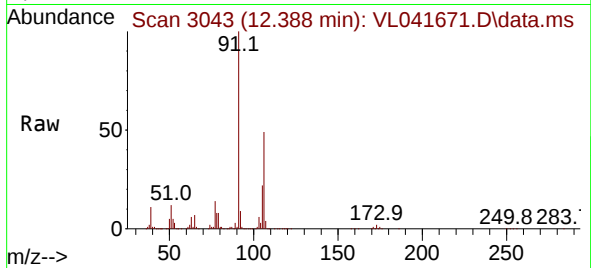
#59
m/p-Xylene
Concen: 21.925 ppbv m
RT: 12.388 min Scan# 3030
Delta R.T. 0.042 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 594081
Ion Ratio Lower Upper
91 100
106 45.6 36.8 55.2

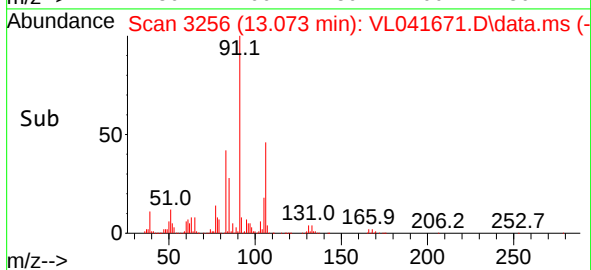
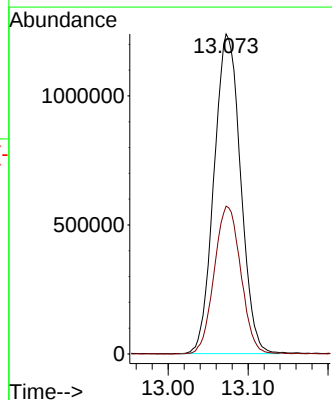
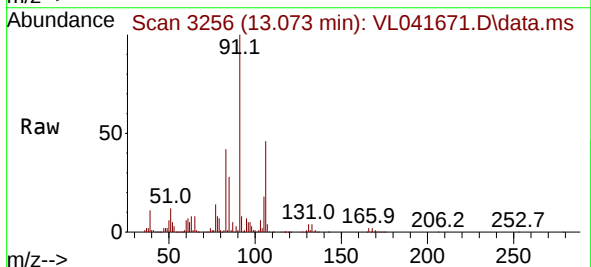
Manual Integrations
APPROVED

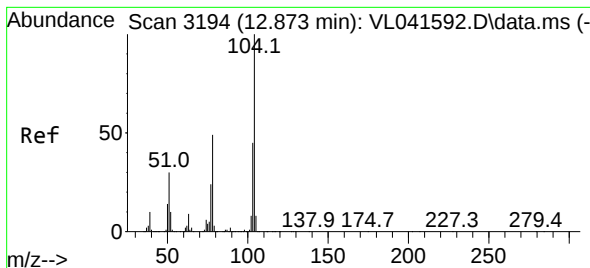
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#60
o-Xylene
Concen: 11.000 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

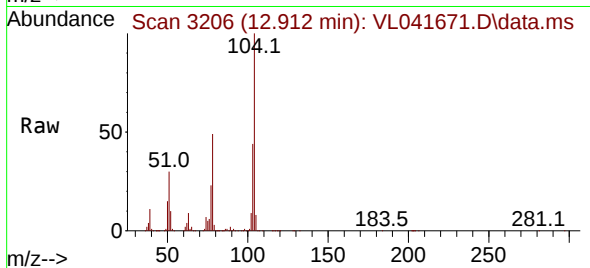
Tgt Ion: 91 Resp: 2857635
Ion Ratio Lower Upper
91 100
106 46.3 23.1 69.3





#61
Styrene
Concen: 12.398 ppbv
RT: 12.912 min Scan# 3194
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

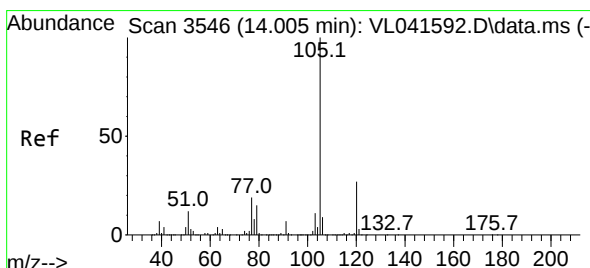
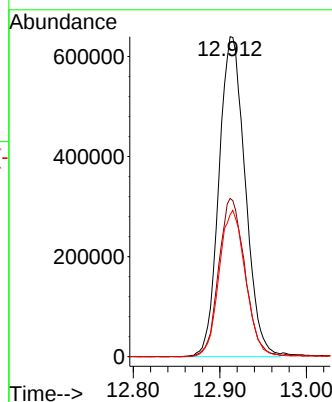
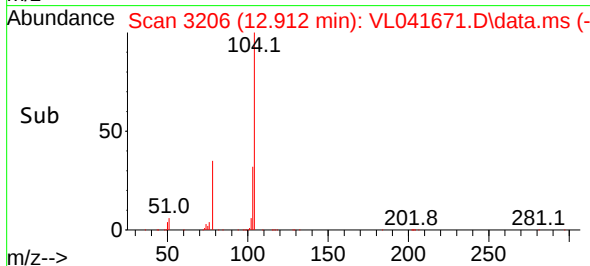
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



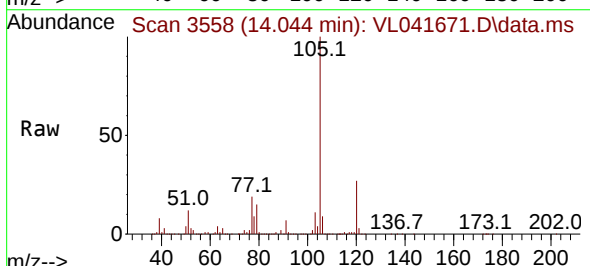
Tgt Ion:104 Resp: 134558
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 46.5 37.4 56.0

Manual Integrations
APPROVED

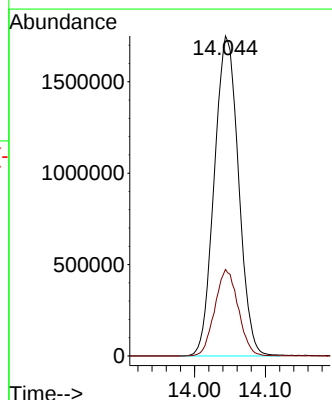
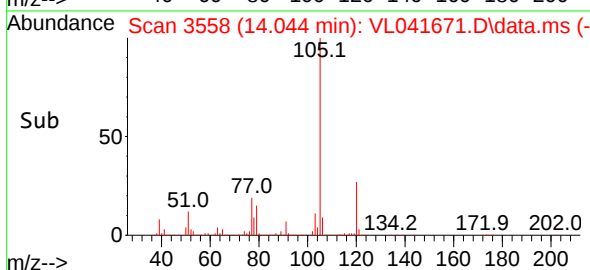
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

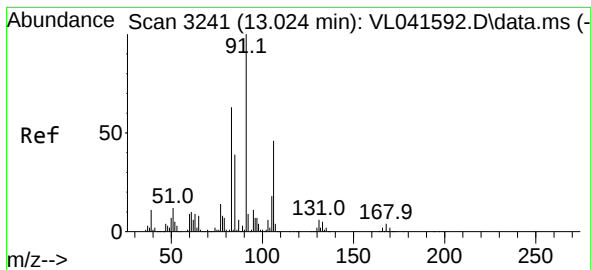


#62
Isopropylbenzene
Concen: 10.563 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



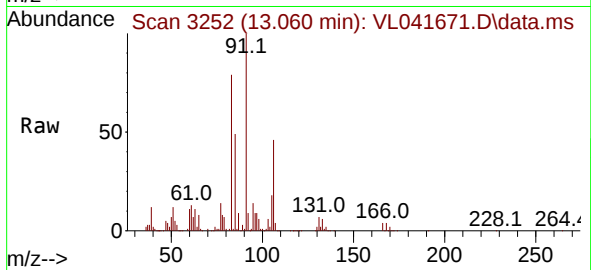
Tgt Ion:105 Resp: 4157433
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3





#63
1,1,2,2-Tetrachloroethane
Concen: 11.283 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

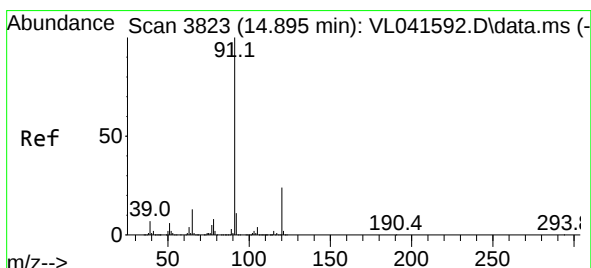
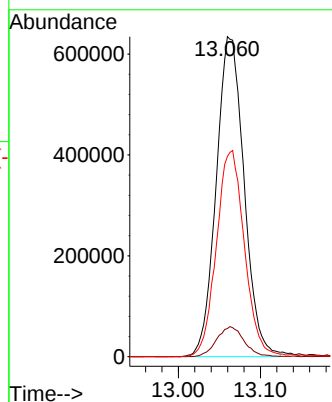
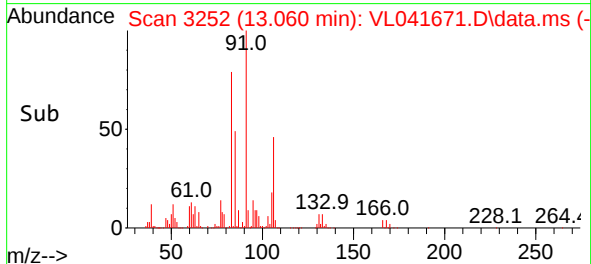
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



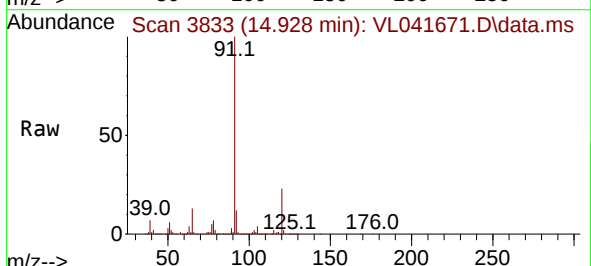
Tgt Ion: 83 Resp: 1498662
Ion Ratio Lower Upper
83 100
131 9.3 4.8 14.4
85 65.6 32.5 97.4

Manual Integrations
APPROVED

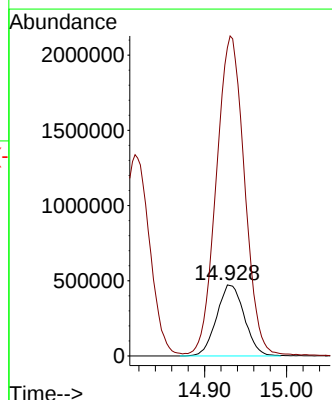
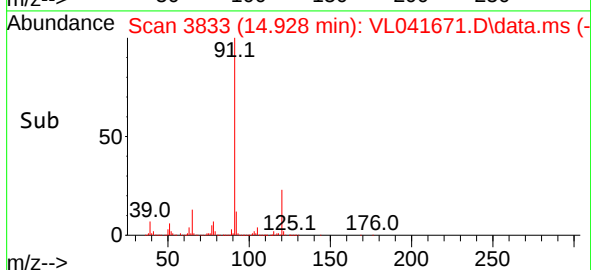
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

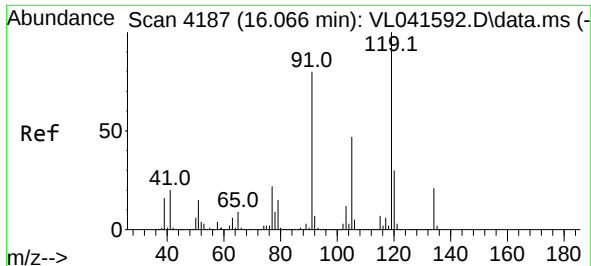


#64
n-propylbenzene
Concen: 10.905 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.032 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



Tgt Ion:120 Resp: 1108448
Ion Ratio Lower Upper
120 100
91 461.8 366.4 549.6





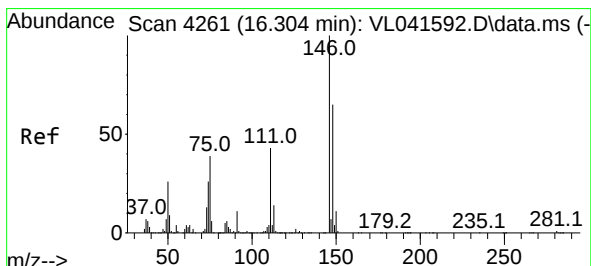
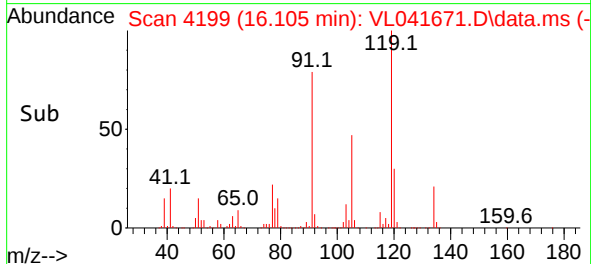
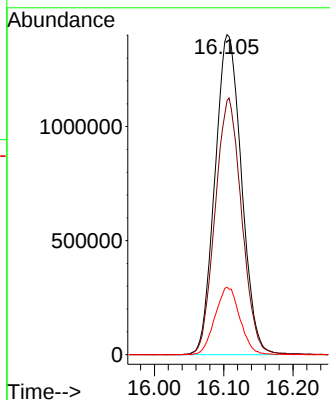
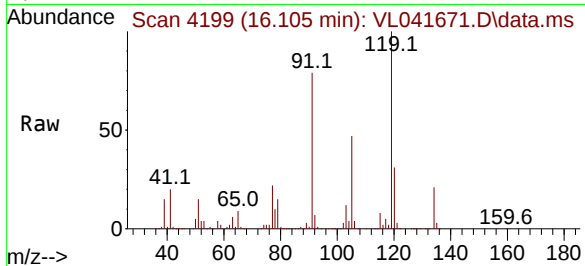
#65
tert-Butylbenzene
Concen: 10.361 ppbv
RT: 16.105 min Scan# 4187
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 3738090
Ion Ratio Lower Upper
119 100
91 80.3 64.6 96.8
134 19.8 15.8 23.8

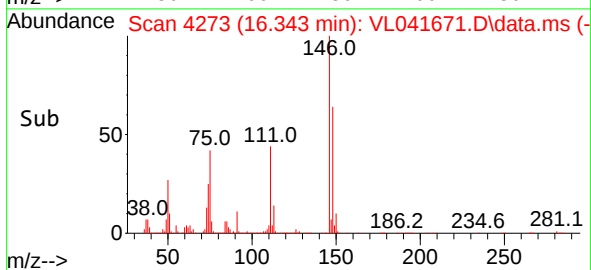
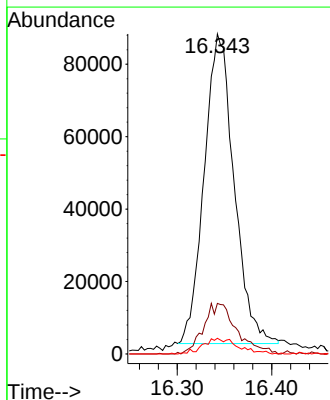
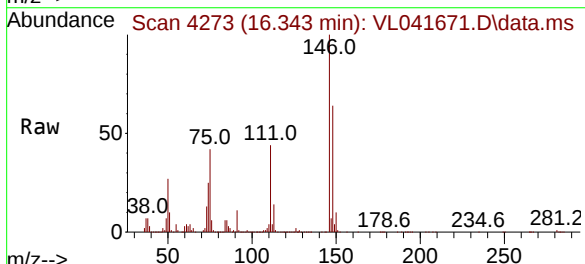
Manual Integrations
APPROVED

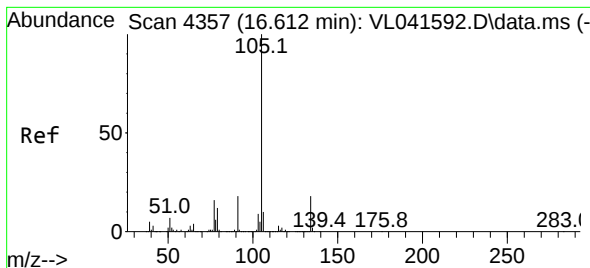
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#66
Benzyl Chloride
Concen: 10.003 ppbv
RT: 16.343 min Scan# 4273
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

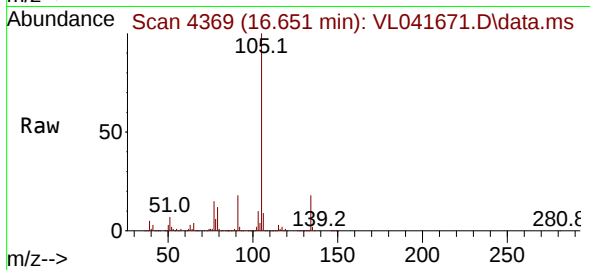
Tgt Ion: 91 Resp: 187620
Ion Ratio Lower Upper
91 100
126 18.4 15.4 23.2
128 5.9 4.8 7.2





#67
 sec-Butylbenzene
 Concen: 10.468 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.039 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

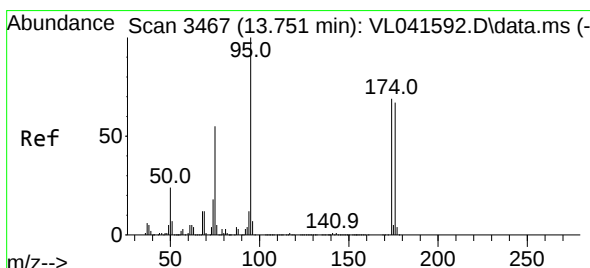
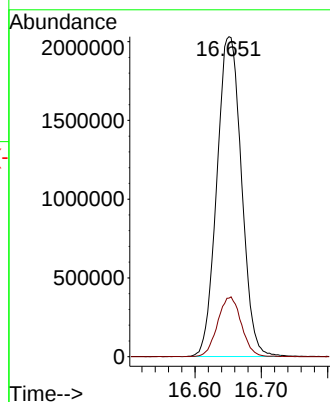
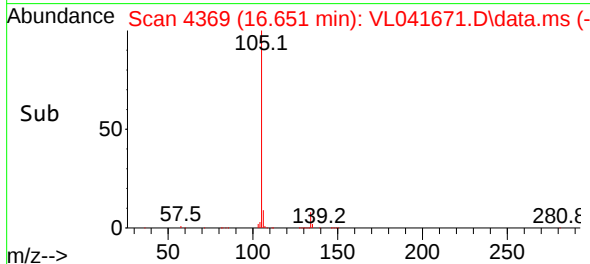
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:105 Resp: 523947
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8

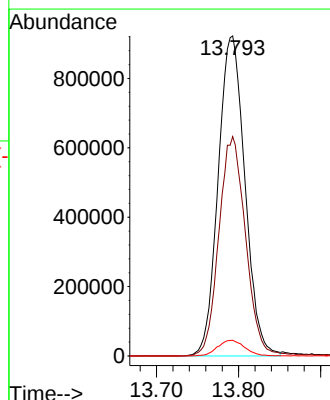
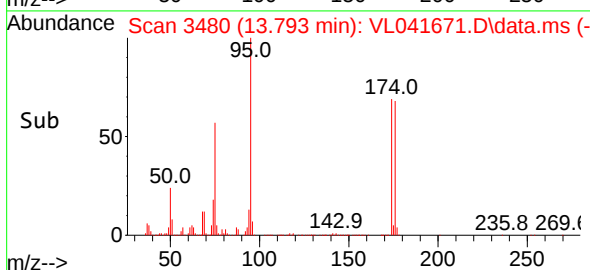
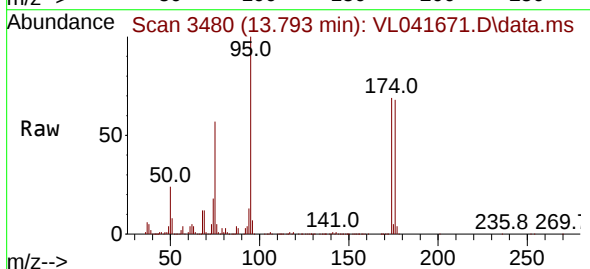
Manual Integrations
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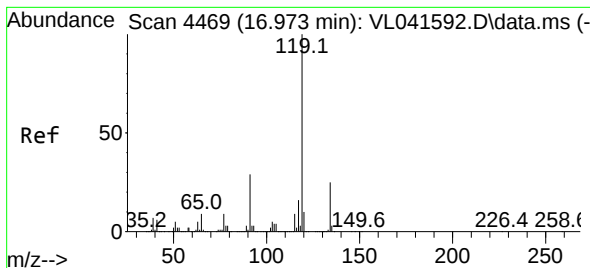
Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.997 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.042 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

Tgt Ion: 95 Resp: 2092864
 Ion Ratio Lower Upper
 95 100
 174 69.1 55.8 83.8
 175 5.0 4.1 6.1





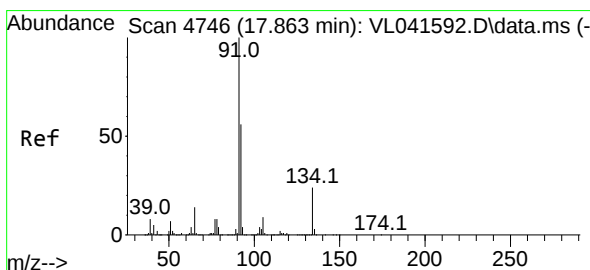
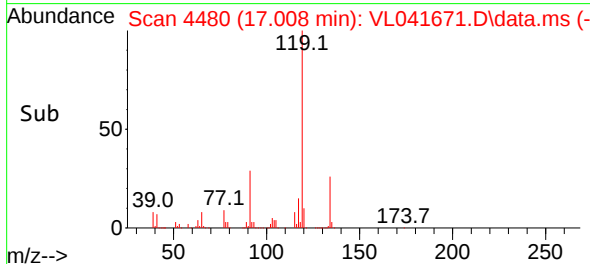
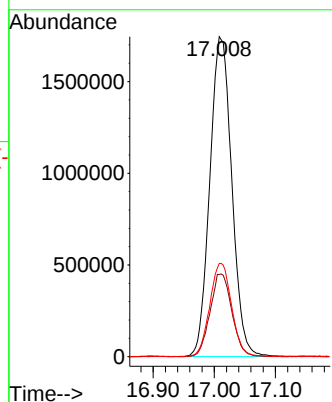
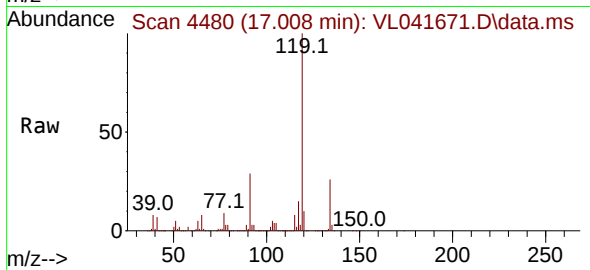
#69
p-Isopropyltoluene
Concen: 10.739 ppbv
RT: 17.008 min Scan# 4469
Delta R.T. 0.036 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:119 Resp: 4350748
Ion Ratio Lower Upper
119 100
134 25.7 20.5 30.7
91 29.0 23.1 34.7

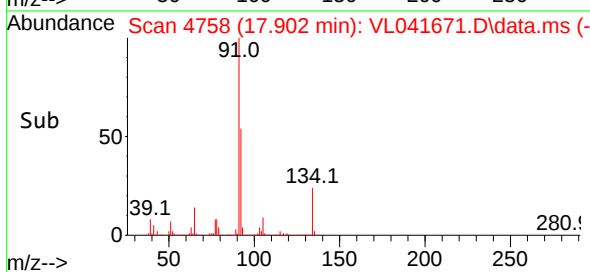
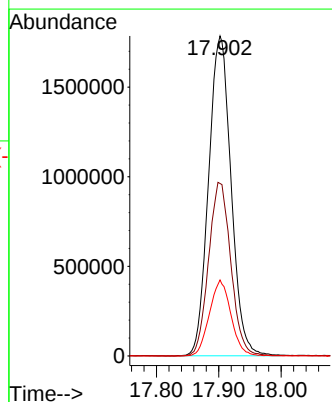
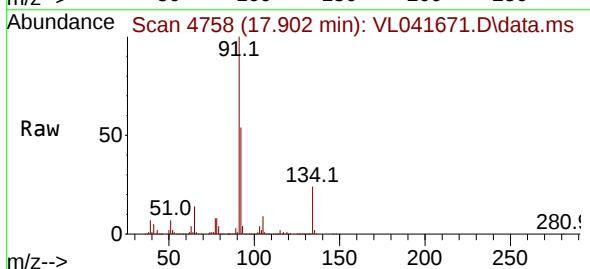
Manual Integrations
APPROVED

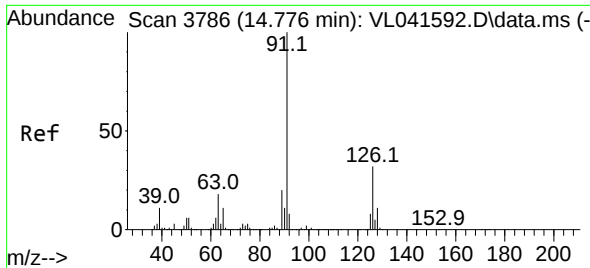
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#70
n-Butylbenzene
Concen: 10.532 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Tgt Ion: 91 Resp: 4470109
Ion Ratio Lower Upper
91 100
92 53.8 43.2 64.8
134 22.8 18.6 27.8





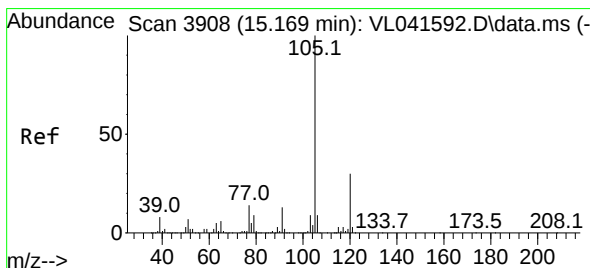
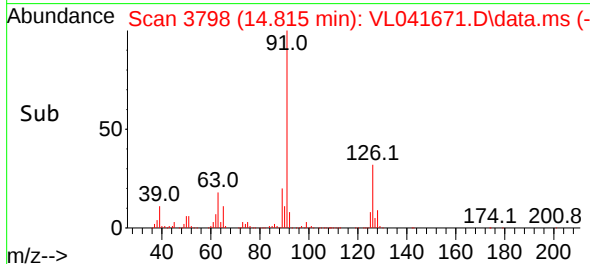
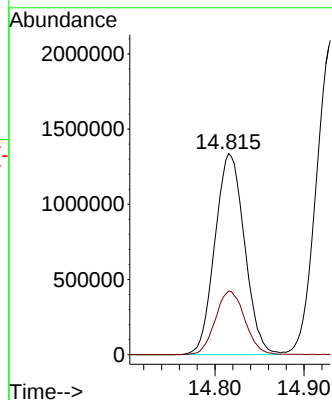
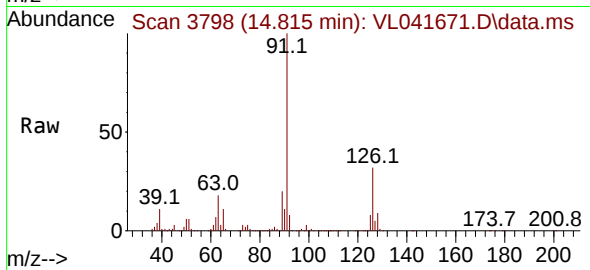
#71
2-Chlorotoluene
Concen: 10.639 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3080924
Ion Ratio Lower Upper
91 100
126 31.7 12.9 51.5

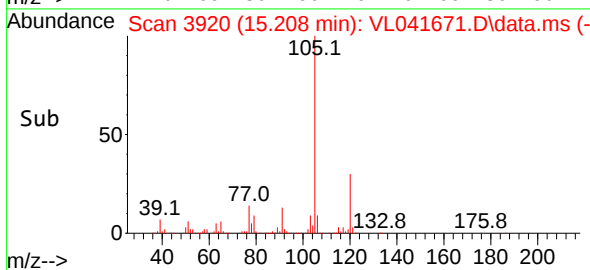
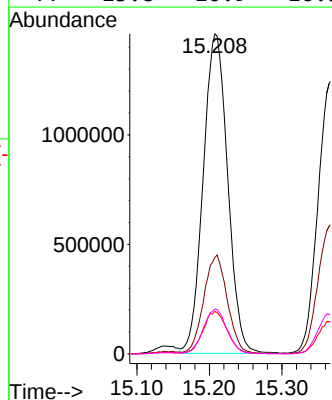
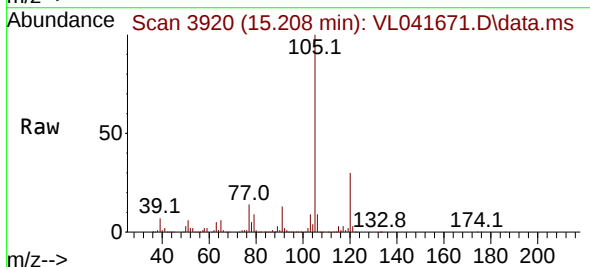
Manual Integrations
APPROVED

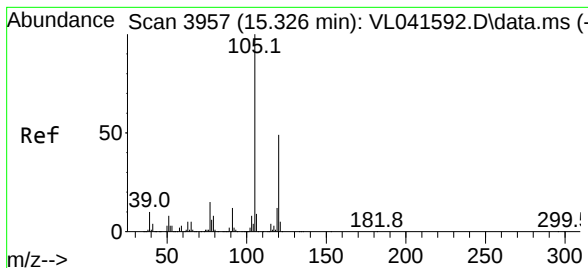
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024



#72
4-Ethyltoluene
Concen: 11.259 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

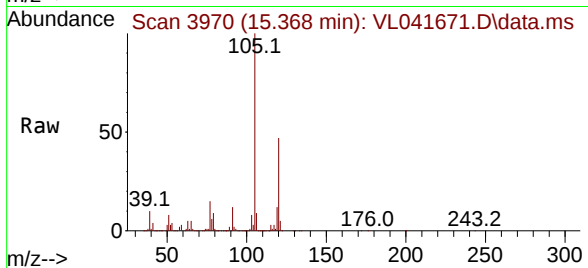
Tgt Ion:105 Resp: 3418852
Ion Ratio Lower Upper
105 100
120 30.8 24.1 36.1
91 13.0 10.2 15.2
77 13.8 10.9 16.3





#73
1,3,5-Trimethylbenzene
Concen: 10.894 ppbv
RT: 15.368 min Scan# 3957
Delta R.T. 0.042 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

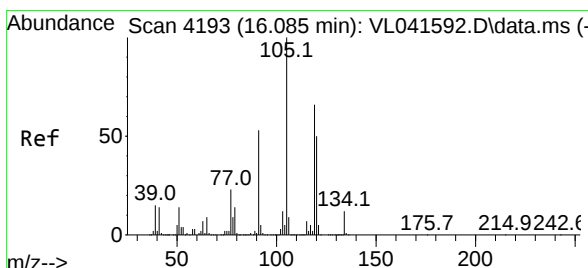
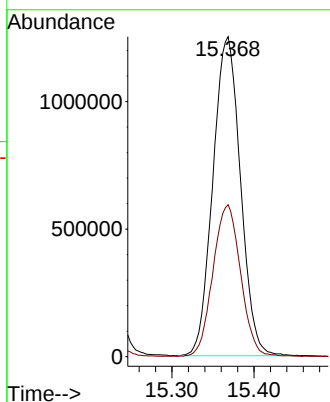
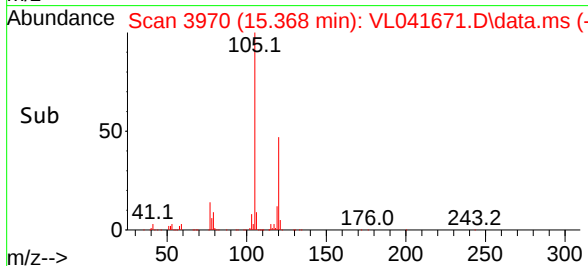
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



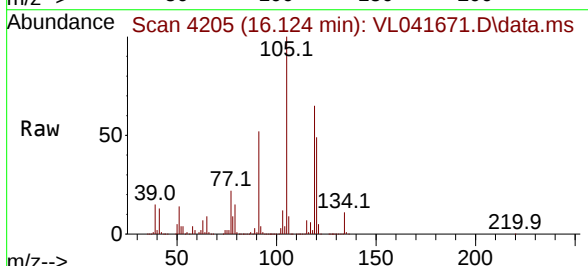
Tgt Ion:105 Resp: 292105
Ion Ratio Lower Upper
105 100
120 47.5 39.4 59.0

Manual Integrations
APPROVED

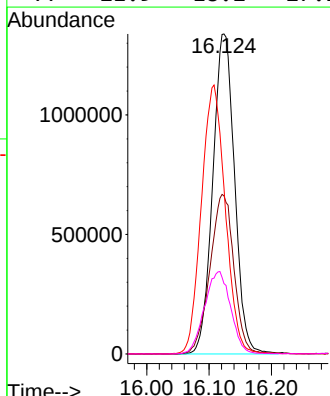
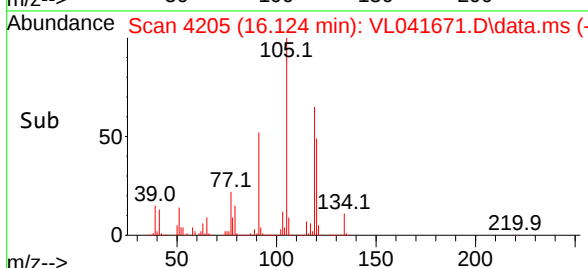
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

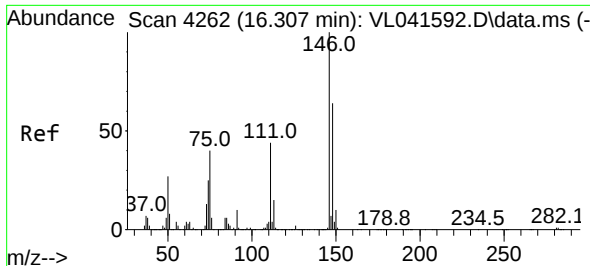


#74
1,2,4-Trimethylbenzene
Concen: 10.352 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



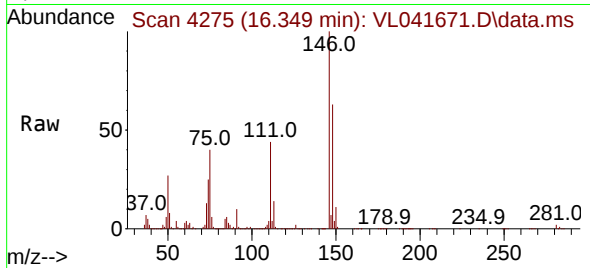
Tgt Ion:105 Resp: 3249083
Ion Ratio Lower Upper
105 100
120 49.4 39.9 59.9
91 51.8 42.6 63.8
77 21.9 18.2 27.2





#75
1,3-Dichlorobenzene
Concen: 9.827 ppbv
RT: 16.349 min Scan# 4319
Delta R.T. 0.042 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

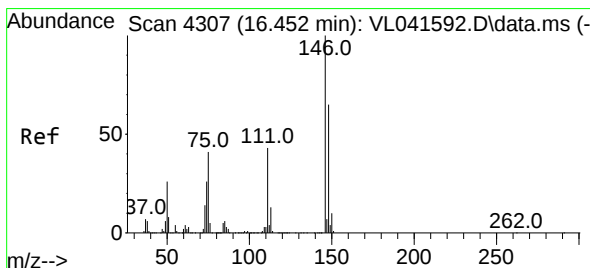
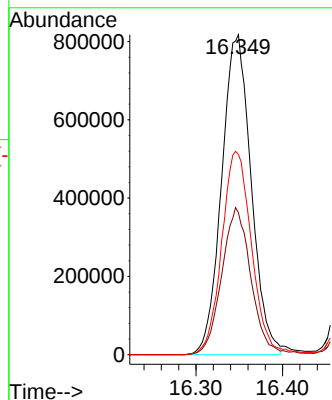
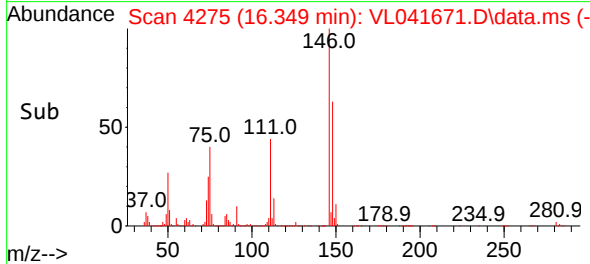
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



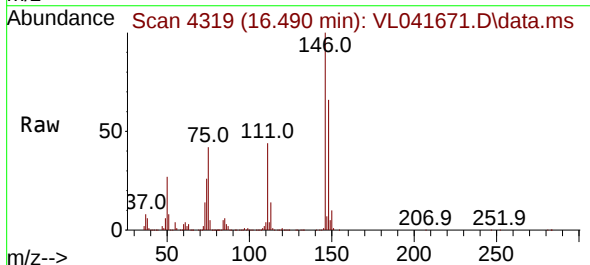
Tgt Ion:146 Resp: 193304
Ion Ratio Lower Upper
146 100
111 45.7 22.4 67.0
148 64.6 32.1 96.5

Manual Integrations
APPROVED

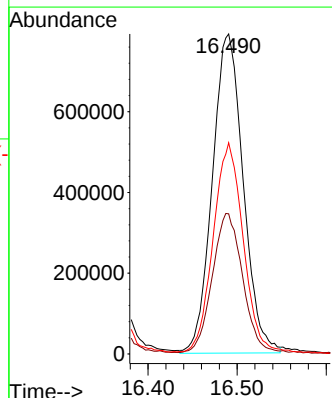
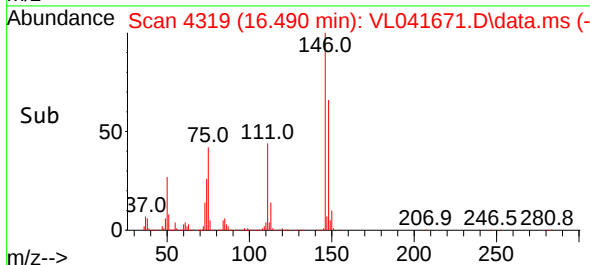
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

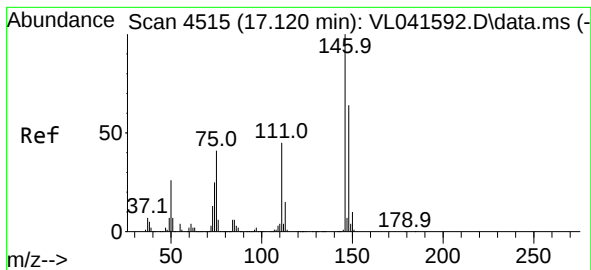


#76
1,4-Dichlorobenzene
Concen: 10.093 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.039 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



Tgt Ion:146 Resp: 1902347
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.3
148 65.5 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 9.861 ppbv

RT: 17.159 min Scan# 41

Delta R.T. 0.039 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 191486

Ion Ratio Lower Upper

146 100

111 45.9 23.4 70.0

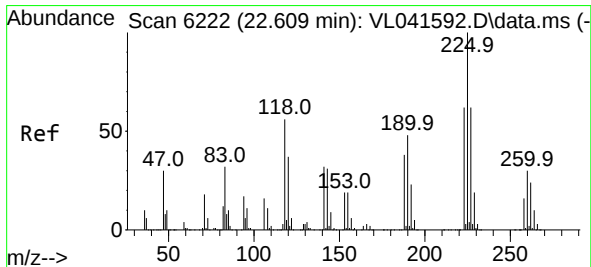
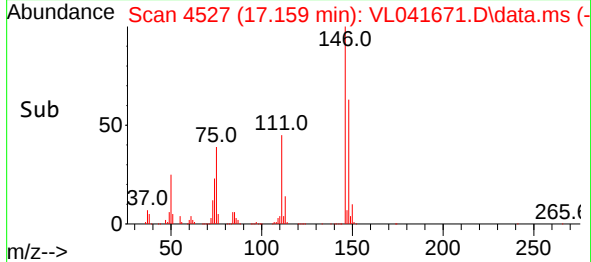
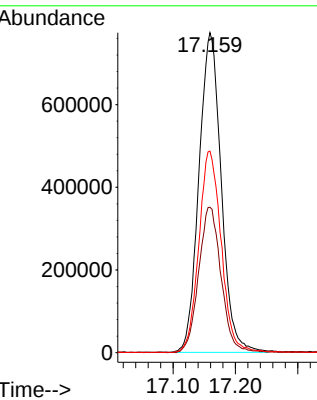
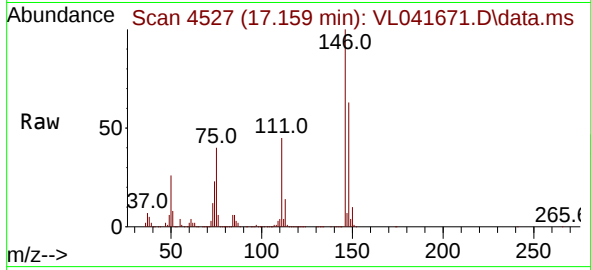
148 63.5 32.5 97.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/15/2024

Supervised By :Mahesh Dadoda 10/15/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.204 ppbv

RT: 22.651 min Scan# 6235

Delta R.T. 0.042 min

Lab File: VL041671.D

Acq: 14 Oct 2024 17:00

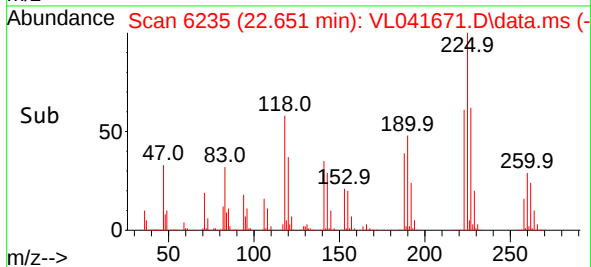
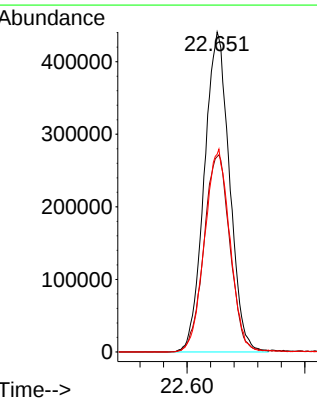
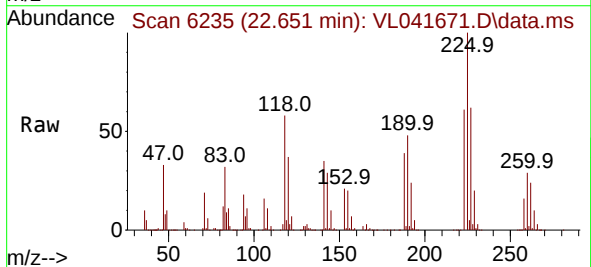
Tgt Ion:225 Resp: 1314239

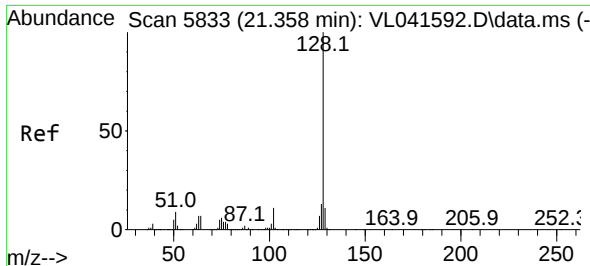
Ion Ratio Lower Upper

225 100

223 63.6 50.6 75.8

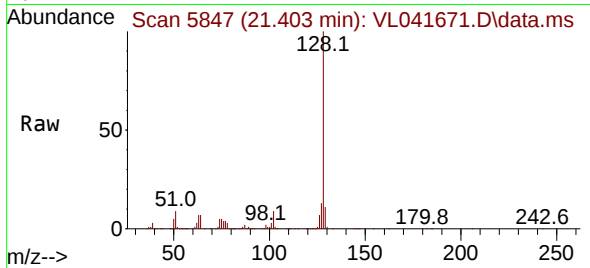
227 64.0 50.9 76.3





#79
Naphthalene
Concen: 10.901 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.045 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00

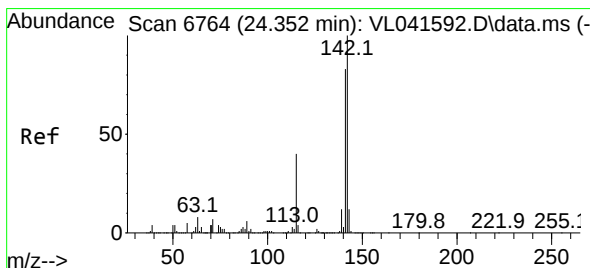
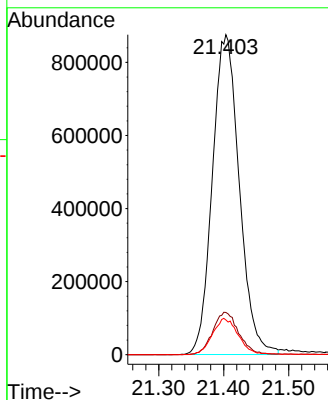
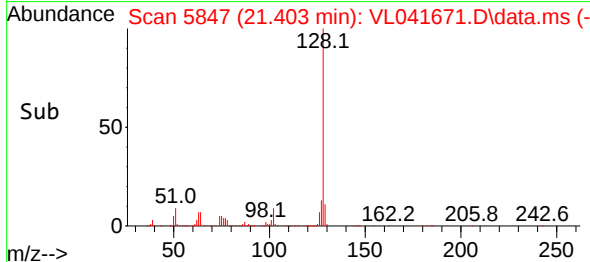
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



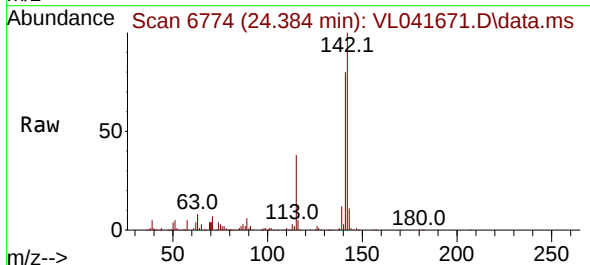
Tgt Ion:128 Resp: 251803
Ion Ratio Lower Upper
128 100
127 13.2 10.1 15.1
129 10.8 9.1 13.7

Manual Integrations
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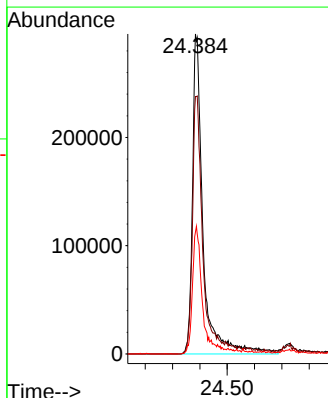
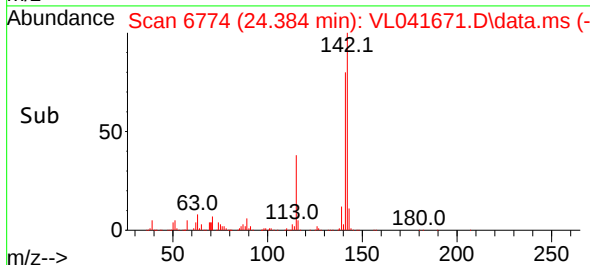
Reviewed By :Semsettin Yesilyurt 10/15/2024
Supervised By :Mahesh Dadoda 10/15/2024

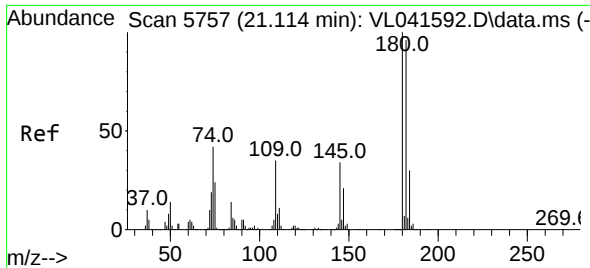


#80
Naphthalene,2-methyl-
Concen: 4.925 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. 0.032 min
Lab File: VL041671.D
Acq: 14 Oct 2024 17:00



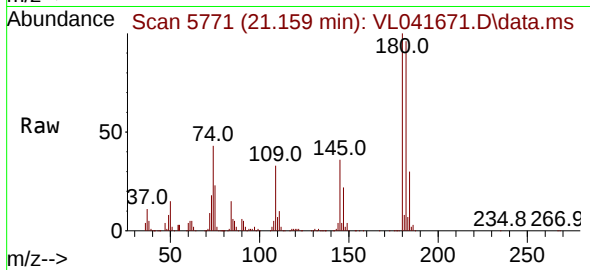
Tgt Ion:142 Resp: 797078
Ion Ratio Lower Upper
142 100
141 82.5 66.3 99.5
115 38.2 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 9.054 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.045 min
 Lab File: VL041671.D
 Acq: 14 Oct 2024 17:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1329574
 Ion Ratio Lower Upper
 180 100
 182 97.0 76.5 114.7
 184 30.8 24.7 37.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/15/2024
 Supervised By :Mahesh Dadoda 10/15/2024

