

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051123\
 Data File : VL040417.D
 Acq On : 12 May 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/14/2023
 Supervised By : Mahesh Dadoda 05/15/2023

Quant Time: May 12 15:58:00 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1078343	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.642	114	2718016	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.462	117	2703549	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2139097 9.568 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.710	85	1735635	8.927	ppbv	99
3) Chlorodifluoromethane	2.655	51	1255044	8.907	ppbv	100
4) Chloromethane	2.793	50	795333	8.935	ppbv	100
5) Vinyl Chloride	2.899	62	683205	9.298	ppbv	99
6) Bromomethane	3.099	94	226853	9.371	ppbv	97
7) Chloroethane	3.179	64	258280	9.283	ppbv	93
8) Dichlorotetrafluoroethane	2.838	85	1702055	8.958	ppbv	96
9) Propene	2.674	41	494169	8.877	ppbv	99
10) Heptane	7.571	43	1285152	10.158	ppbv	100
11) Trichlorofluoromethane	3.542	101	1805224	9.172	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	1287620	9.354	ppbv	99
13) Ethanol	3.224	45	33951m	7.306	ppbv	
14) Bromoethene	3.349	108	544191	9.668	ppbv	97
15) Acetone	3.449	43	1227374	8.036	ppbv	99
16) 1,3-Butadiene	2.967	39	609621	9.645	ppbv	99
17) tert-Butyl alcohol	3.861	59	1328666	9.473	ppbv	99
18) 1,1-Dichloroethene	3.864	96	589629	9.497	ppbv	94
19) Isopropyl Alcohol	3.558	45	639355	9.174	ppbv	100
20) Methylene Chloride	3.915	84	497041	8.151	ppbv	98
21) Allyl Chloride	3.980	41	839472	9.673	ppbv	98
22) trans-1,2-Dichloroethene	4.430	96	593809	9.567	ppbv	98
23) Vinyl Acetate	4.610	43	351002	9.026	ppbv #	94
24) 1,1-Dichloroethane	4.549	63	1216612	9.401	ppbv	99
25) Ethyl Acetate	5.189	43	2387808	9.291	ppbv	100
26) Hexane	5.198	57	1019423	9.409	ppbv	99
27) Carbon Disulfide	4.108	76	1443967	10.298	ppbv	100
28) Methyl tert-Butyl Ether	4.571	73	1069809	9.565	ppbv	99
29) Chloroform	5.263	83	1787206	9.260	ppbv	100
30) Cyclohexane	6.590	84	852849	10.163	ppbv	99
31) cis-1,2-Dichloroethene	5.066	61	1053421	9.809	ppbv	99
32) 1,1,1-Trichloroethane	5.989	97	1791935	9.556	ppbv	100
34) 2-Butanone	4.771	43	1354815	9.244	ppbv	100
35) Carbon Tetrachloride	6.481	117	1844074	9.638	ppbv	98
36) Benzene	6.359	78	2154963	9.718	ppbv	98
37) 1,2-Dichloroethane	5.793	62	1403137	9.633	ppbv	99
38) Trichloroethene	7.282	130	1333694	10.567	ppbv	99
39) 1,2-Dichloropropane	7.066	63	826327	9.470	ppbv	98
40) 1,4-Dioxane	7.279	88	318875	9.542	ppbv #	99
41) Tetrahydrofuran	5.542	42	812157	10.118	ppbv	99
42) Bromodichloromethane	7.237	83	1946051	9.783	ppbv	99
43) Methyl Methacrylate	7.465	69	860525	10.448	ppbv	97
44) 2,2,4-Trimethylpentane	7.317	57	3569319	9.636	ppbv	100
45) t-1,3-Dichloropropene	8.703	75	847428	11.518	ppbv	95

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/14/2023
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Quant Time: May 12 15:58:00 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041323AIR.M

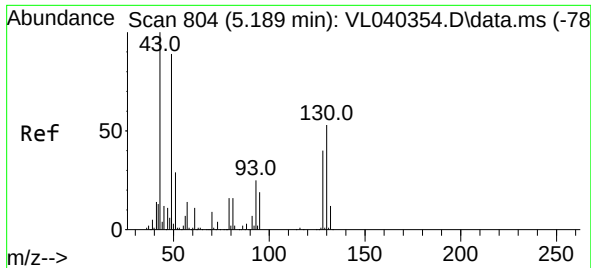
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

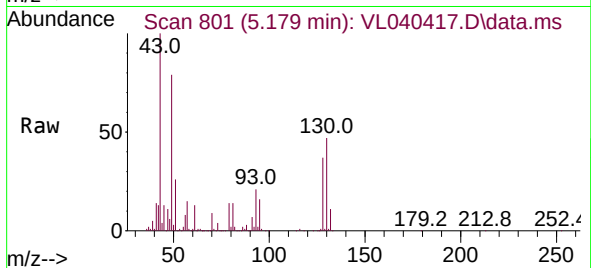
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1139106	11.124	ppbv	98
47) 1,1,2-Trichloroethane	8.889	97	913724	9.551	ppbv	98
48) Dibromochloromethane	9.703	129	1563631	10.149	ppbv	100
49) Bromoform	12.404	173	1213002	10.094	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2258117	10.161	ppbv	100
51) 2-Hexanone	9.542	43	1781881	10.851	ppbv	99
52) Tetrachloroethene	10.606	164	735702	10.606	ppbv	95
53) Toluene	9.214	91	2477732	10.539	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1003106	10.342	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1134190	9.191	ppbv	95
57) Chlorobenzene	11.523	112	1923515	9.087	ppbv	95
58) Ethyl Benzene	12.082	91	3389993	10.193	ppbv	97
59) m/p-Xylene	12.368	91	5872839m	19.202	ppbv	
60) o-Xylene	13.053	91	2833133	9.652	ppbv	100
61) Styrene	12.896	104	1615135	10.985	ppbv	99
62) Isopropylbenzene	14.024	105	3989781	9.439	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.044	83	869457	8.094	ppbv	100
64) n-propylbenzene	14.912	120	1012262	9.732	ppbv	98
65) tert-Butylbenzene	16.085	119	3524893	9.478	ppbv	99
66) Benzyl Chloride	16.323	91	239629m	10.407	ppbv	
67) sec-Butylbenzene	16.632	105	5083129	9.516	ppbv	100
69) p-Isopropyltoluene	16.992	119	4140499	9.926	ppbv	99
70) n-Butylbenzene	17.886	91	4659954	10.078	ppbv	99
71) 2-Chlorotoluene	14.799	91	3086282	9.510	ppbv	99
72) 4-Ethyltoluene	15.188	105	3257606	10.053	ppbv	99
73) 1,3,5-Trimethylbenzene	15.349	105	2915976	9.742	ppbv	97
74) 1,2,4-Trimethylbenzene	16.108	105	3256063	9.517	ppbv	90
75) 1,3-Dichlorobenzene	16.330	146	1796939	9.589	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1747207	9.437	ppbv	98
77) 1,2-Dichlorobenzene	17.140	146	1768003	9.542	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	1479489	9.960	ppbv	99
79) Naphthalene	21.384	128	3238201	14.022	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	905961	13.179	ppbv	98
81) 1,2,4-Trichlorobenzene	21.140	180	1649827	11.626	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

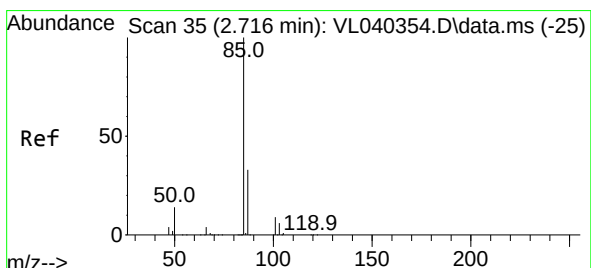
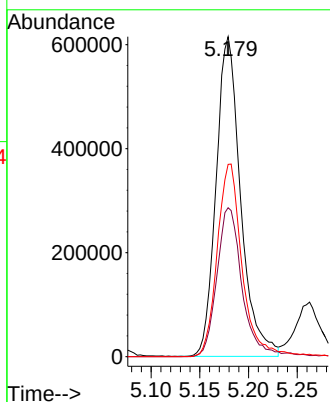
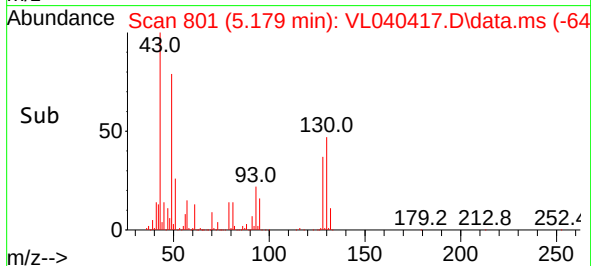
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 107834
Ion Ratio Lower Upper
49 100
128 48.5 23.7 71.1
130 61.8 29.9 89.8

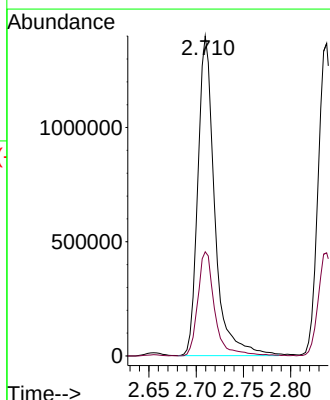
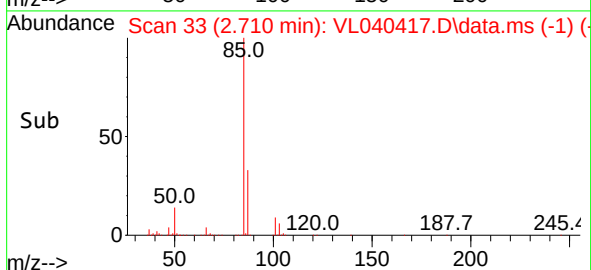
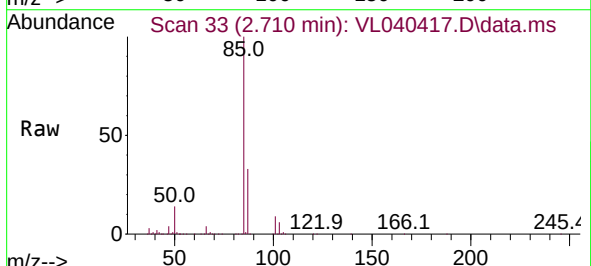
Manual Integrations
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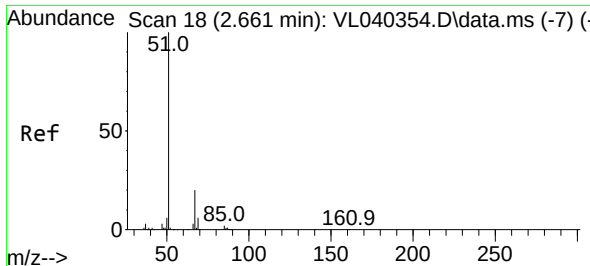
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#2
Dichlorodifluoromethane
Concen: 8.927 ppbv
RT: 2.710 min Scan# 33
Delta R.T. -0.006 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

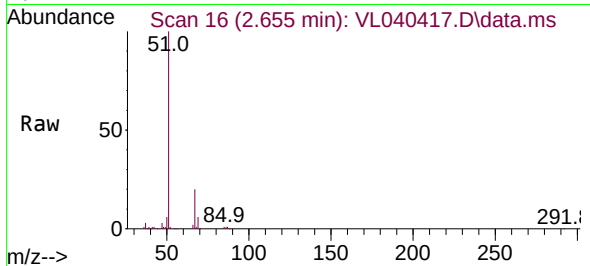
Tgt Ion: 85 Resp: 1735635
Ion Ratio Lower Upper
85 100
87 32.5 26.6 40.0





#3
Chlorodifluoromethane
Concen: 8.907 ppbv
RT: 2.655 min Scan# 10
Delta R.T. -0.006 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

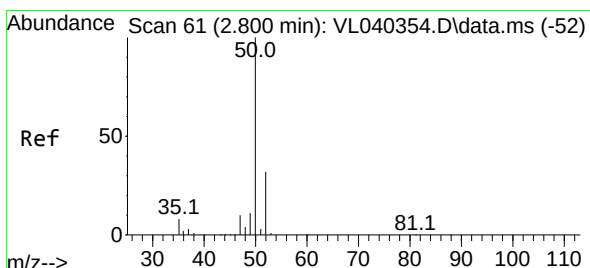
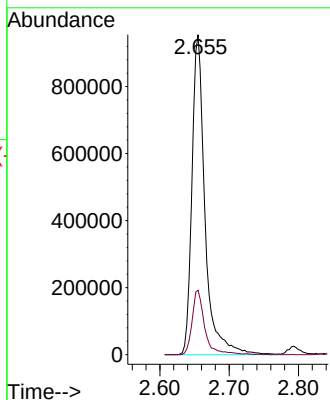
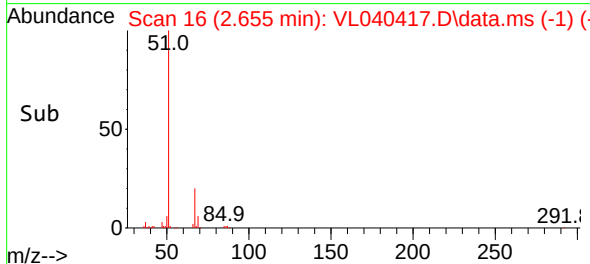
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 125504
Ion Ratio Lower Upper
51 100
67 19.6 15.5 23.3

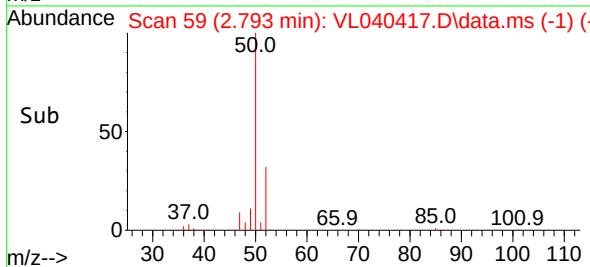
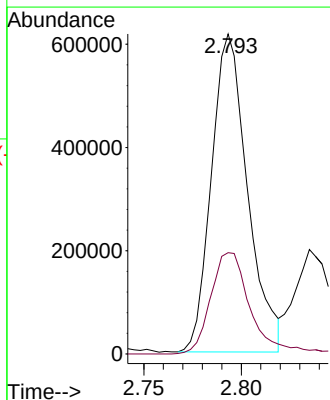
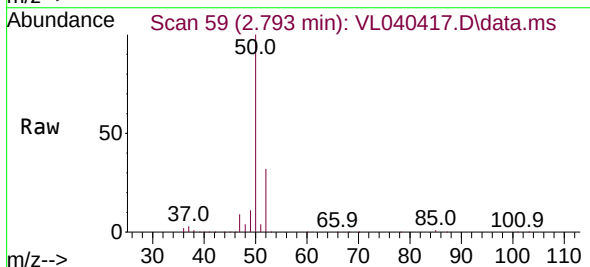
Manual Integrations
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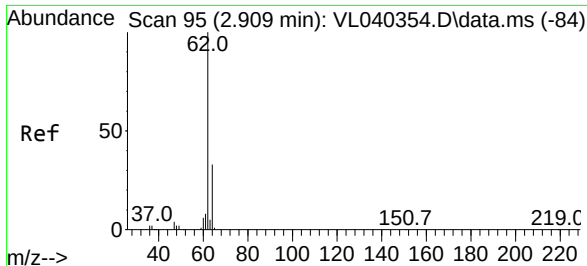
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#4
Chloromethane
Concen: 8.935 ppbv
RT: 2.793 min Scan# 59
Delta R.T. -0.007 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

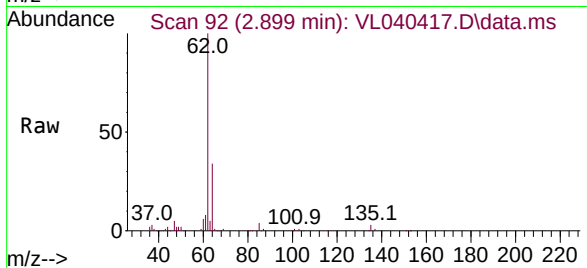
Tgt Ion: 50 Resp: 795333
Ion Ratio Lower Upper
50 100
52 31.7 25.3 37.9





#5
 Vinyl Chloride
 Concen: 9.298 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

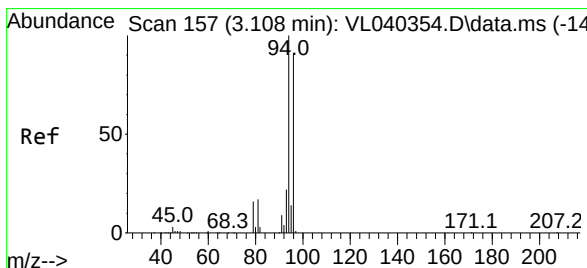
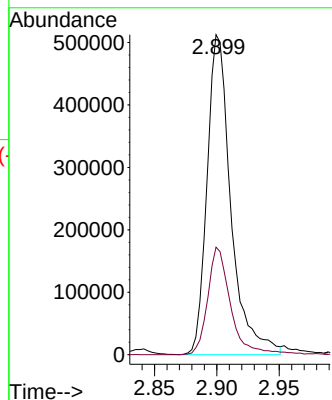
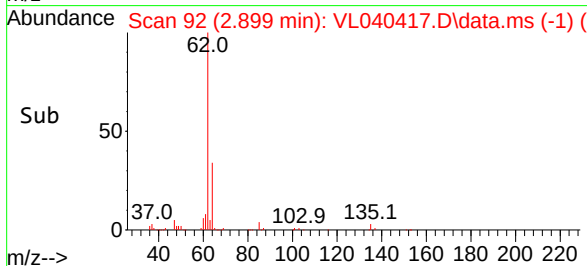
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 683205
 Ion Ratio Lower Upper
 62 100
 64 33.6 26.3 39.5

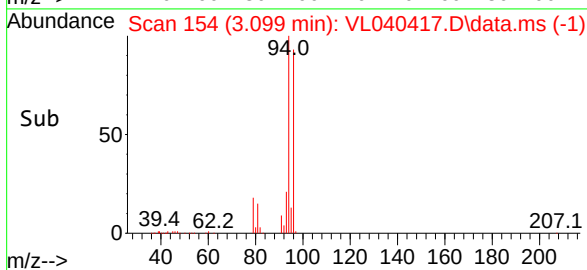
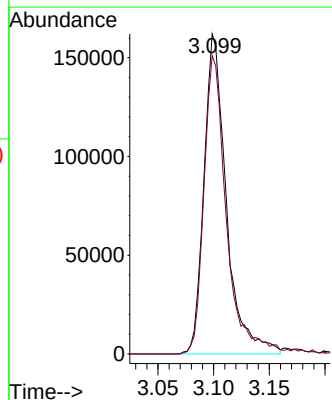
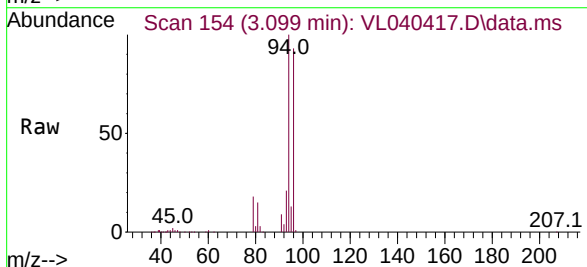
Manual Integrations
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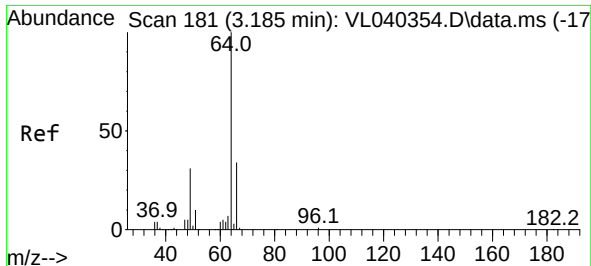
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#6
 Bromomethane
 Concen: 9.371 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. -0.009 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

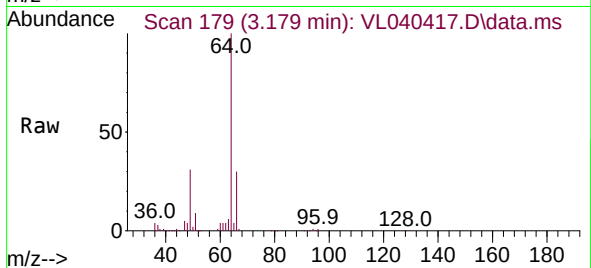
Tgt Ion: 94 Resp: 226853
 Ion Ratio Lower Upper
 94 100
 96 93.2 72.6 108.8





#7
Chloroethane
Concen: 9.283 ppbv
RT: 3.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

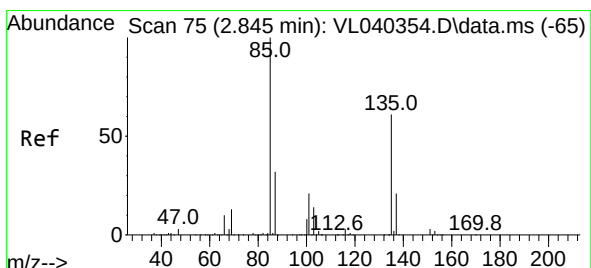
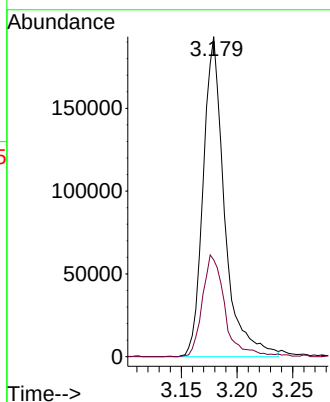
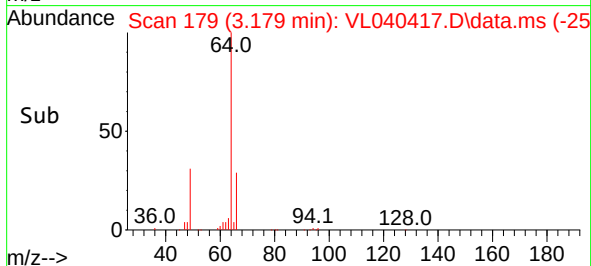
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 258280
Ion Ratio Lower Upper
64 100
66 30.2 27.5 41.3

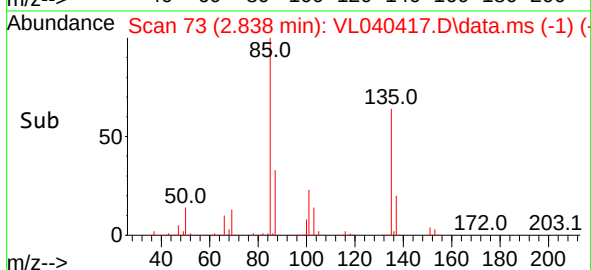
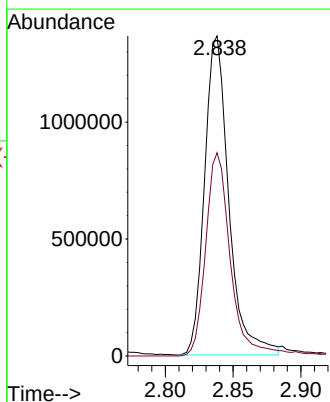
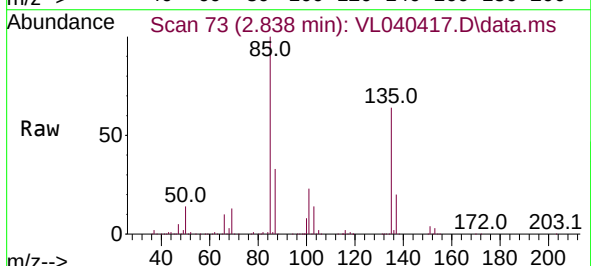
Manual Integrations
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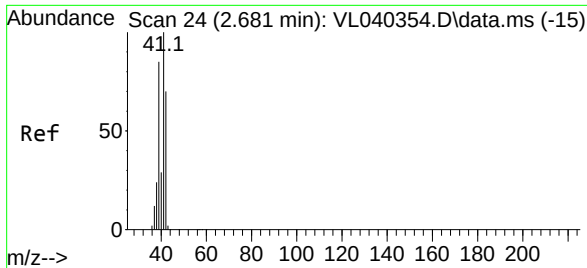
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#8
Dichlorotetrafluoroethane
Concen: 8.958 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.007 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

Tgt Ion: 85 Resp: 1702055
Ion Ratio Lower Upper
85 100
135 66.2 50.7 76.1





#9

Propene

Concen: 8.877 ppbv

RT: 2.674 min Scan# 21

Delta R.T. -0.007 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 41 Resp: 494169

Ion Ratio Lower Upper

41 100

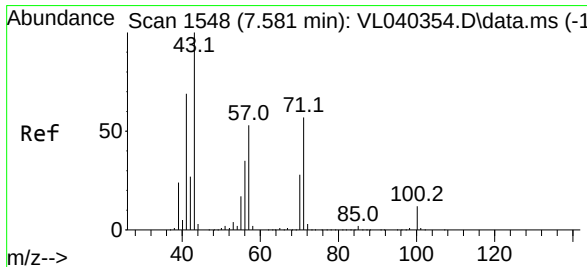
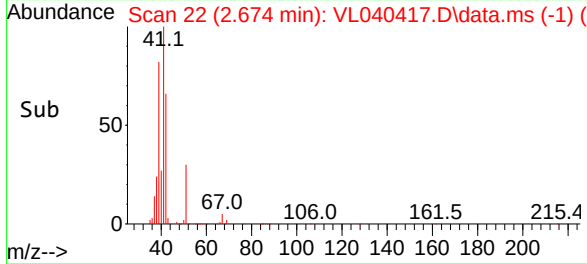
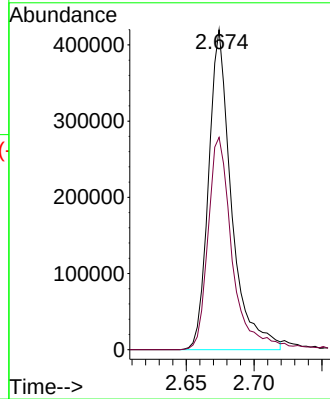
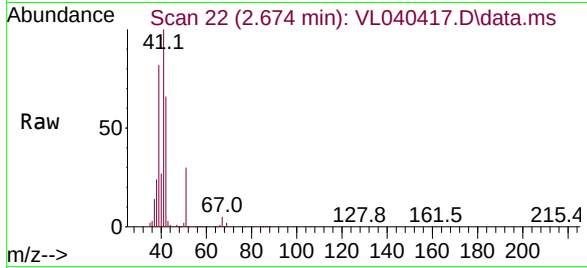
42 71.5 56.5 84.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#10

Heptane

Concen: 10.158 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.010 min

Lab File: VL040417.D

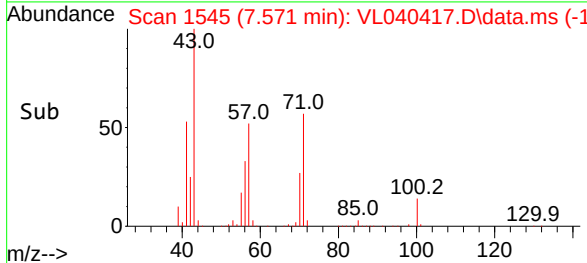
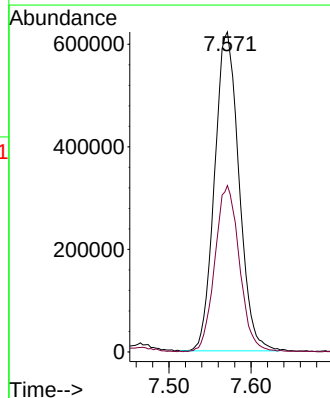
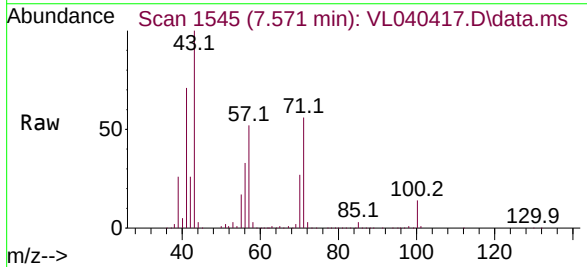
Acq: 12 May 2023 10:57

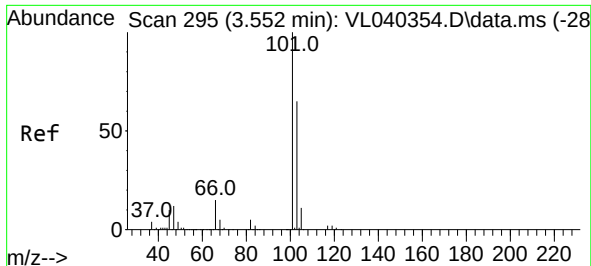
Tgt Ion: 43 Resp: 1285152

Ion Ratio Lower Upper

43 100

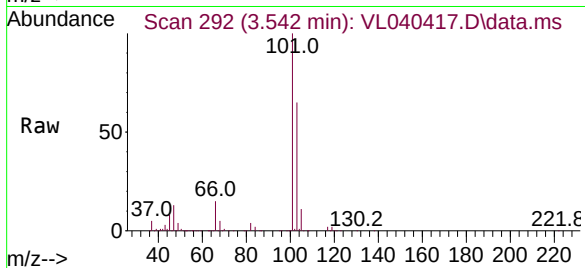
57 52.7 42.2 63.4





#11
Trichlorofluoromethane
Concen: 9.172 ppbv
RT: 3.542 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

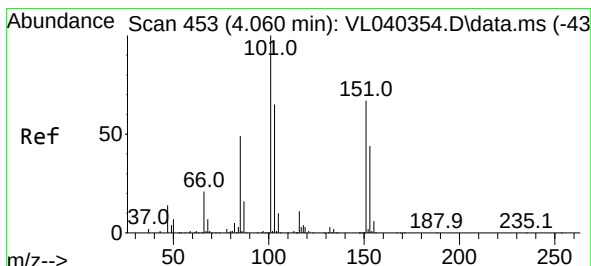
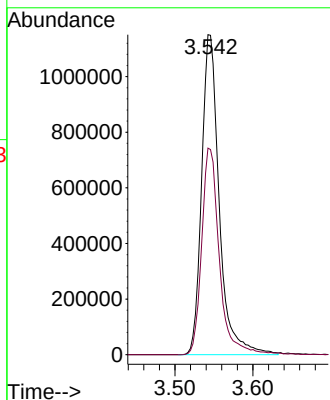
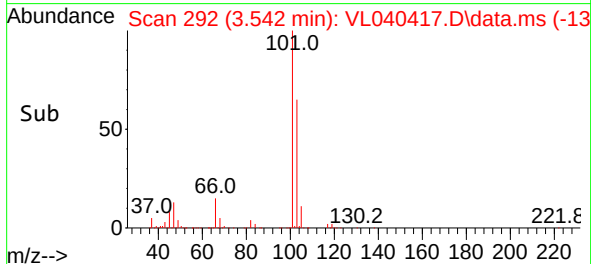
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



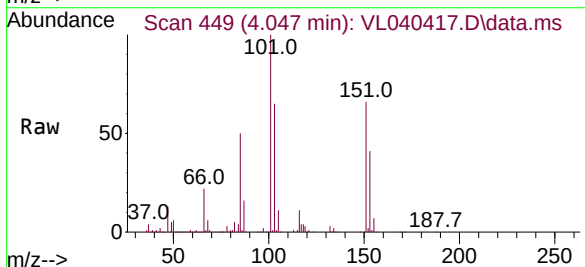
Tgt Ion:101 Resp: 1805224
Ion Ratio Lower Upper
101 100
103 64.5 52.2 78.4

Manual Integrations
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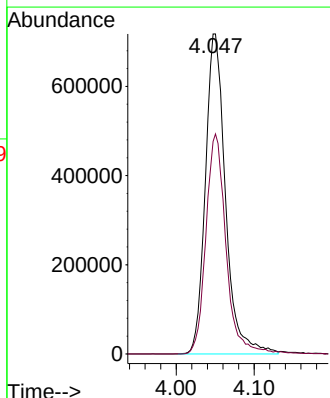
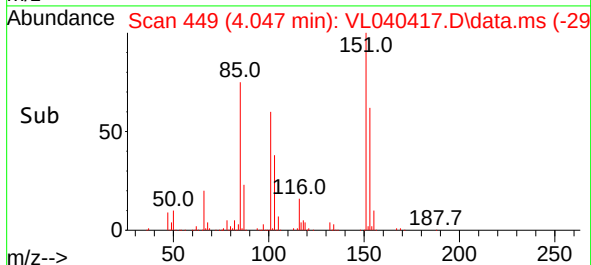
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

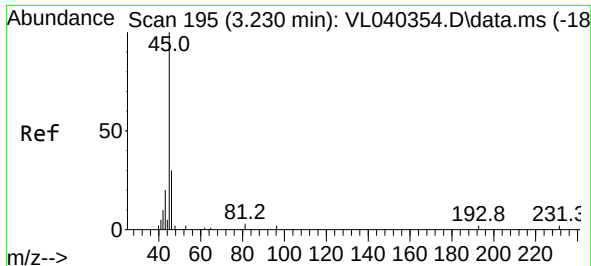


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.354 ppbv
RT: 4.047 min Scan# 449
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



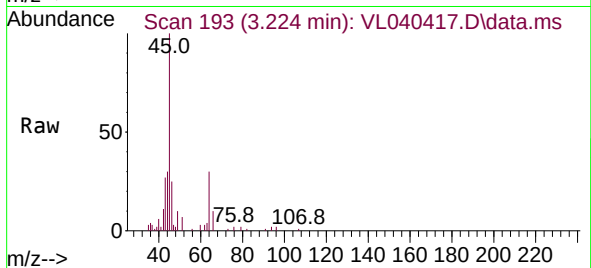
Tgt Ion:101 Resp: 1287620
Ion Ratio Lower Upper
101 100
151 69.0 54.7 82.1





#13
Ethanol
Concen: 7.306 ppbv m
RT: 3.224 min Scan# 195
Delta R.T. -0.006 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

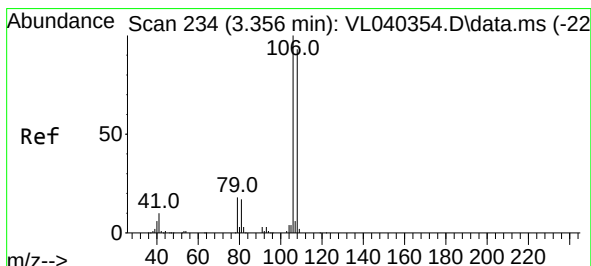
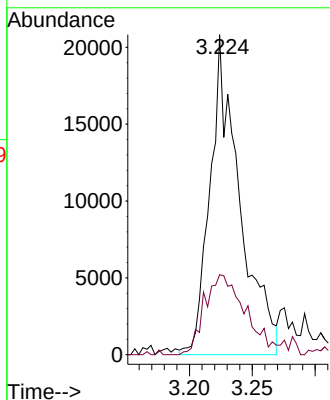
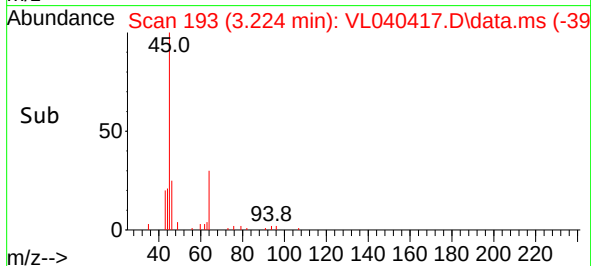
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



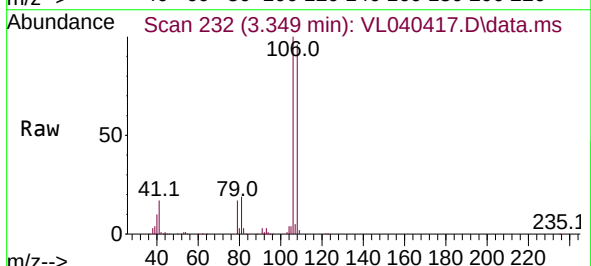
Tgt Ion: 45 Resp: 3395
Ion Ratio Lower Upper
45 100
46 37.7 15.3 61.3

Manual Integrations
APPROVED

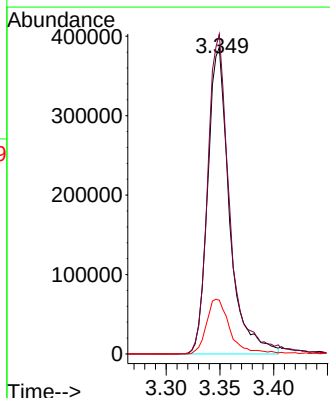
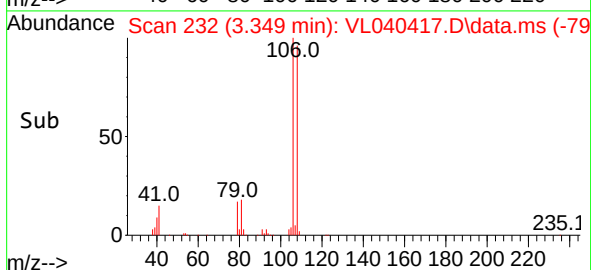
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

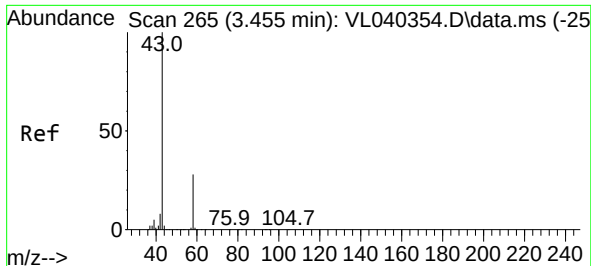


#14
Bromoethene
Concen: 9.668 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.007 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



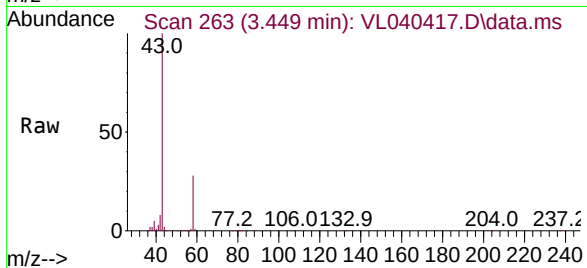
Tgt Ion:108 Resp: 544191
Ion Ratio Lower Upper
108 100
106 106.9 88.3 132.5
79 20.0 16.1 24.1





#15
Acetone
Concen: 8.036 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

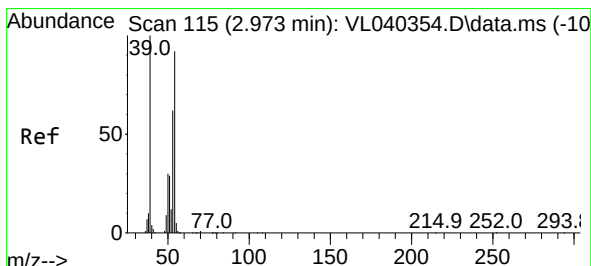
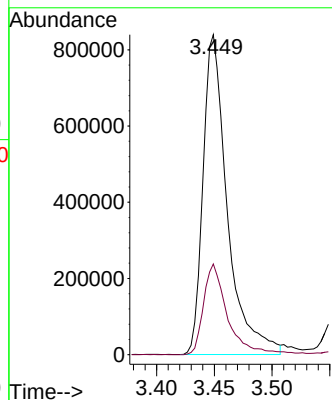
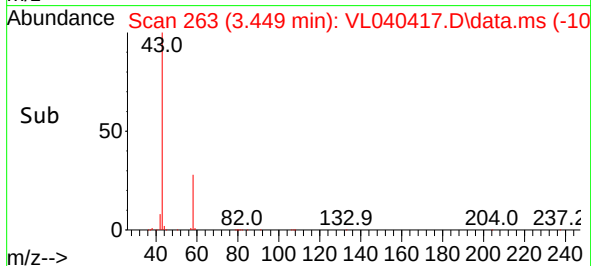
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



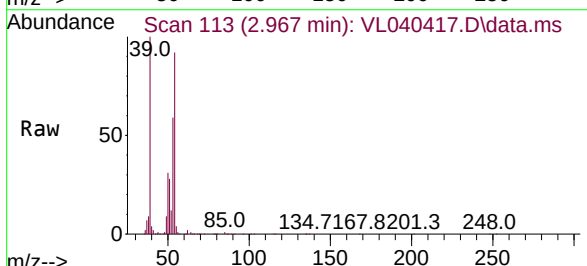
Tgt Ion: 43 Resp: 1227374
Ion Ratio Lower Upper
43 100
58 28.2 22.2 33.2

Manual Integrations
APPROVED

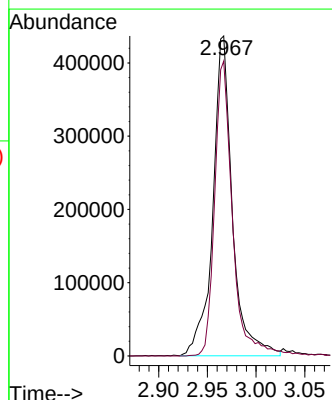
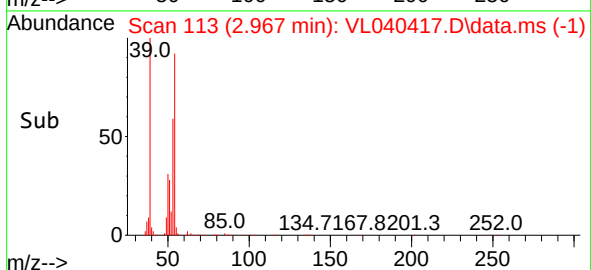
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

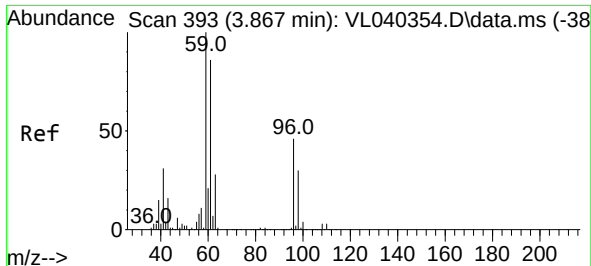


#16
1,3-Butadiene
Concen: 9.645 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.006 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



Tgt Ion: 39 Resp: 609621
Ion Ratio Lower Upper
39 100
54 84.9 68.8 103.2





#17

tert-Butyl alcohol

Concen: 9.473 ppbv

RT: 3.861 min Scan# 391

Delta R.T. -0.006 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 132866

Ion Ratio Lower Upper

59 100

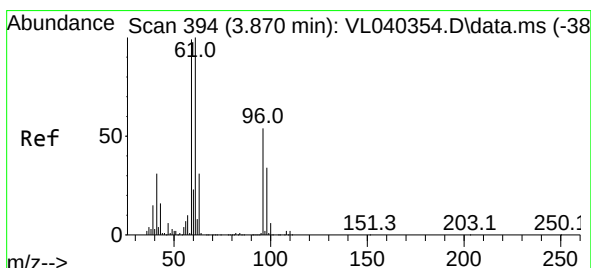
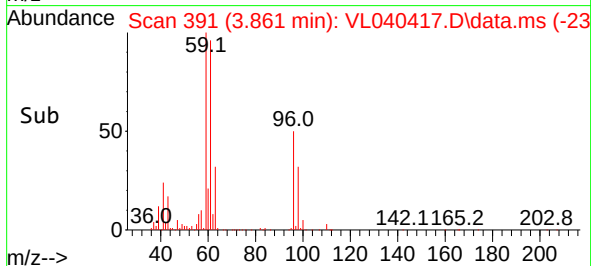
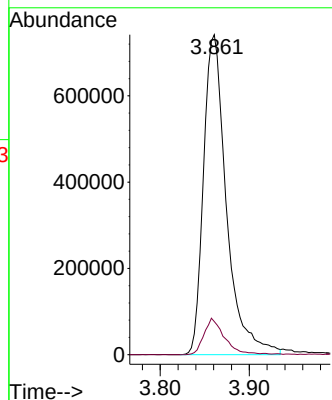
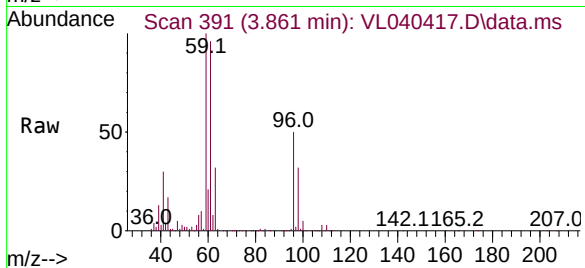
57 10.4 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#18

1,1-Dichloroethene

Concen: 9.497 ppbv

RT: 3.864 min Scan# 392

Delta R.T. -0.006 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

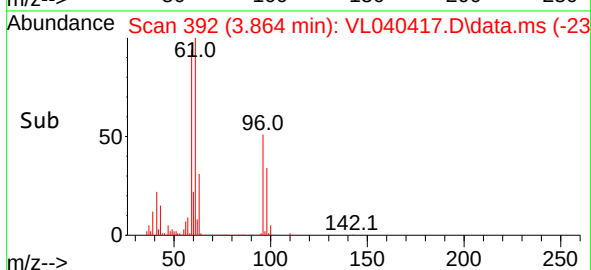
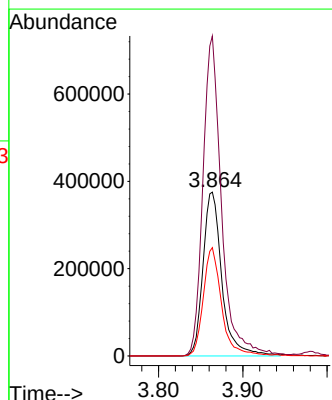
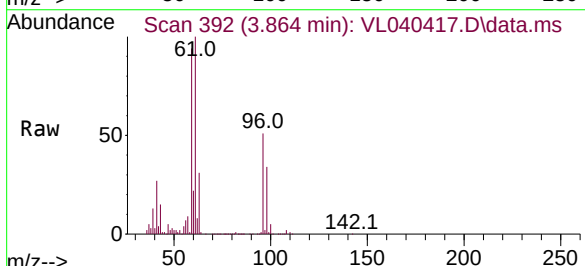
Tgt Ion: 96 Resp: 589629

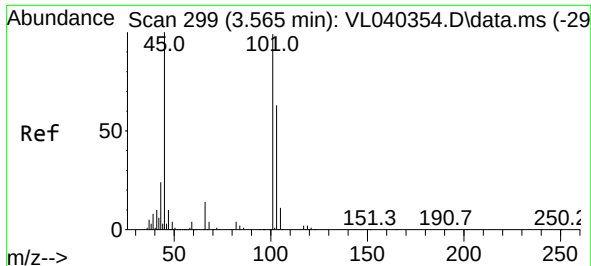
Ion Ratio Lower Upper

96 100

61 195.4 148.3 222.5

98 66.1 49.8 74.8





#19

Isopropyl Alcohol

Concen: 9.174 ppbv

RT: 3.558 min Scan# 299

Delta R.T. -0.007 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 45 Resp: 63935

Ion Ratio Lower Upper

45 100

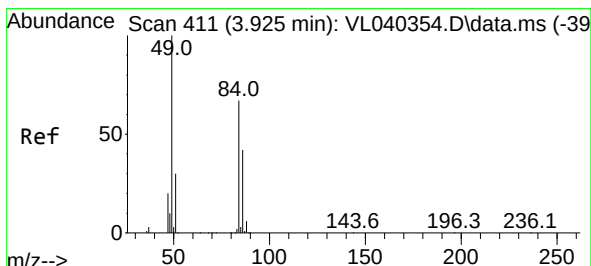
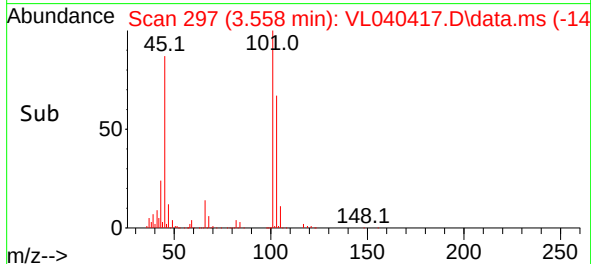
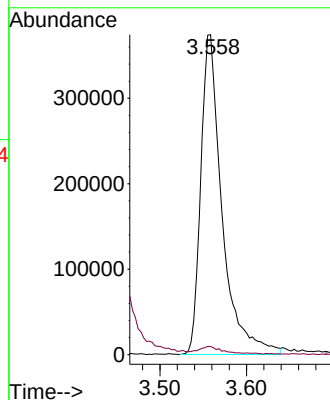
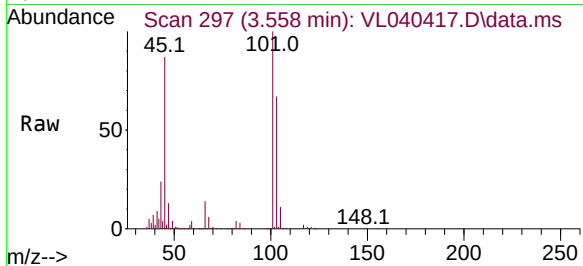
58 3.2 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#20

Methylene Chloride

Concen: 8.151 ppbv

RT: 3.915 min Scan# 408

Delta R.T. -0.010 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Tgt Ion: 84 Resp: 497041

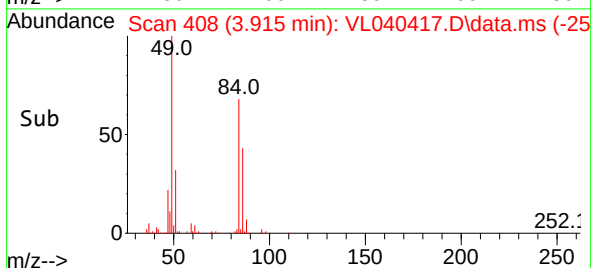
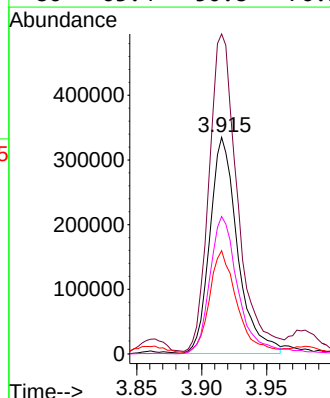
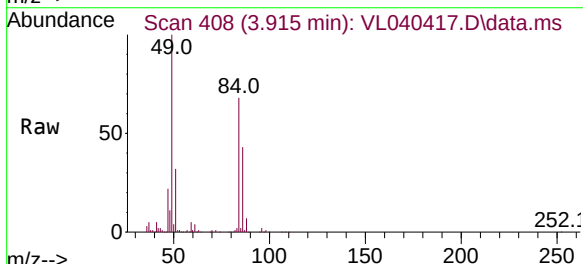
Ion Ratio Lower Upper

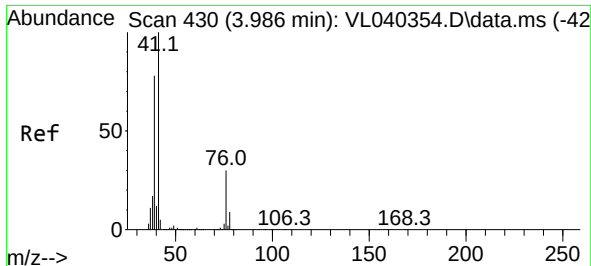
84 100

49 146.6 120.1 180.1

51 46.8 36.3 54.5

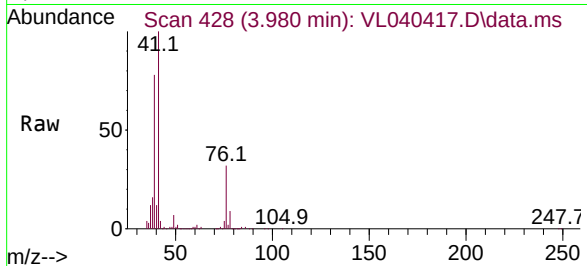
86 63.4 50.8 76.2





#21
 Allyl Chloride
 Concen: 9.673 ppbv
 RT: 3.980 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

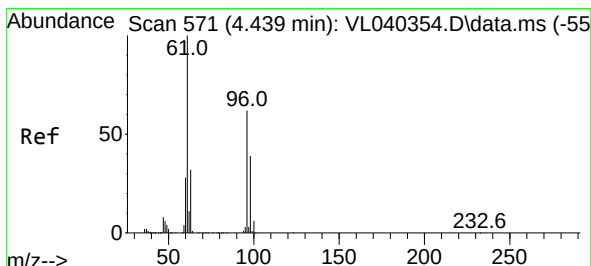
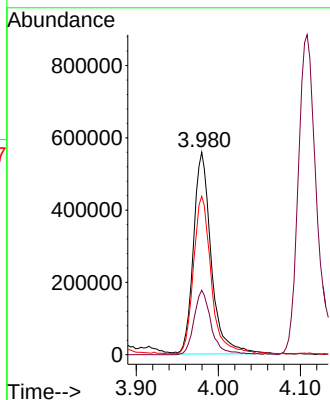
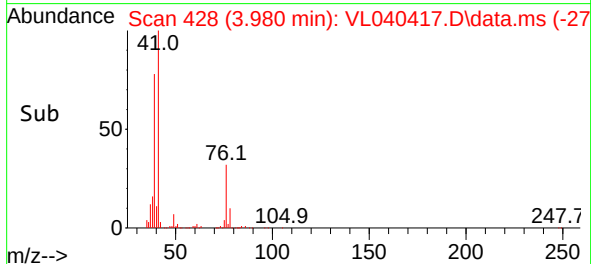
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 839472
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.5 38.3
 39 78.4 64.0 96.0

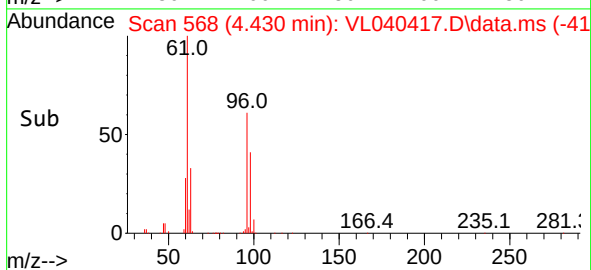
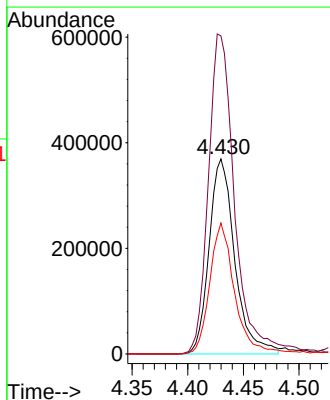
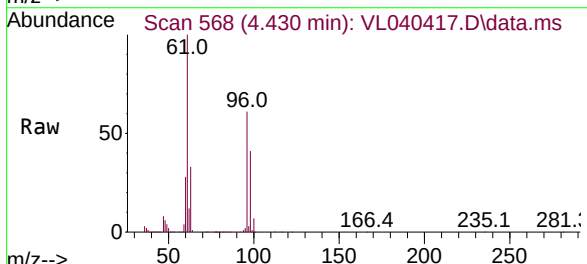
Manual Integrations
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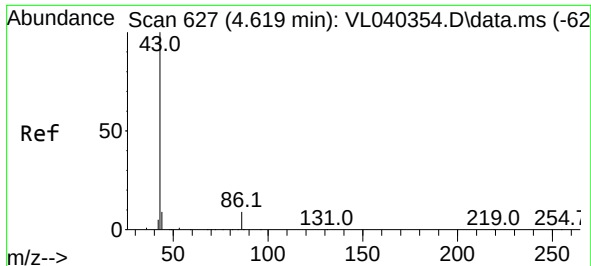
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.567 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.009 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

Tgt Ion: 96 Resp: 593809
 Ion Ratio Lower Upper
 96 100
 61 163.0 129.4 194.2
 98 67.1 51.0 76.4





#23
 Vinyl Acetate
 Concen: 9.026 ppbv
 RT: 4.610 min Scan# 610
 Delta R.T. -0.009 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

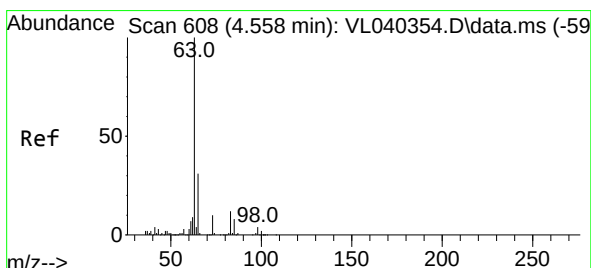
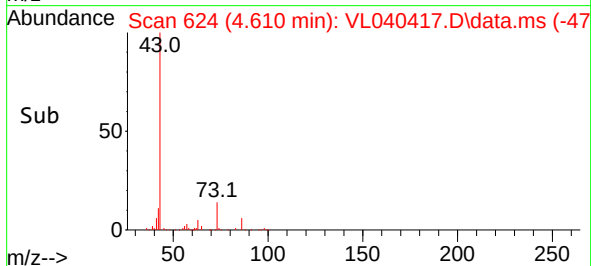
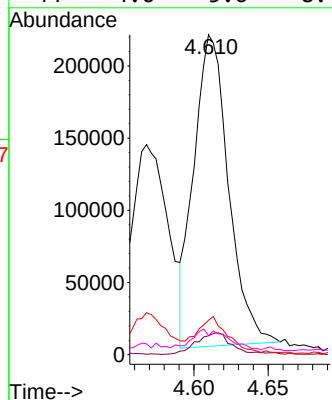
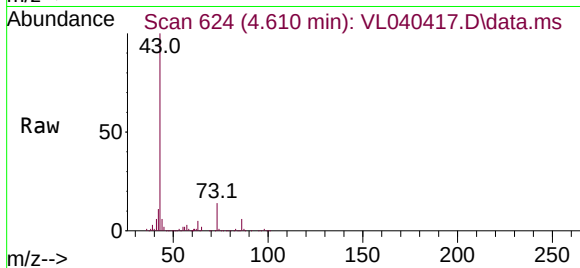
VSTDCCC010EC

Tgt Ion: 43 Resp: 35100
 Ion Ratio Lower Upper
 43 100
 86 5.8 6.0 9.0
 42 10.5 6.4 9.6
 44 4.6 5.6 8.4

Manual Integrations

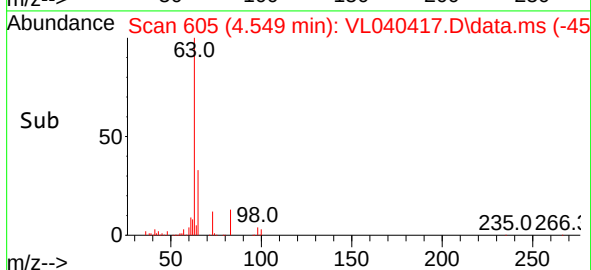
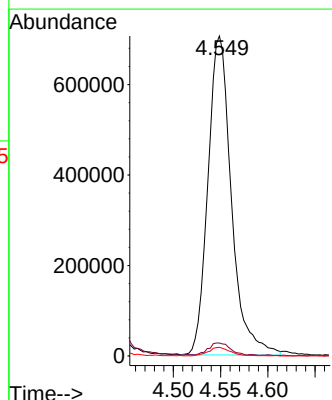
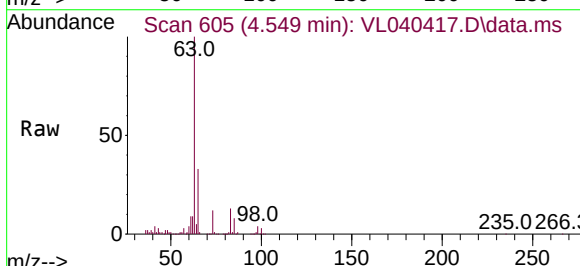
APPROVED

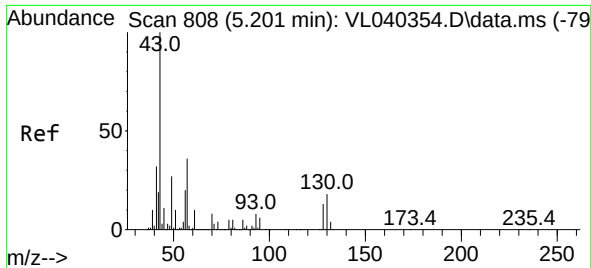
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#24
 1,1-Dichloroethane
 Concen: 9.401 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.009 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

Tgt Ion: 63 Resp: 1216612
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.7 1.2 3.6





#25

Ethyl Acetate

Concen: 9.291 ppbv

RT: 5.189 min Scan# 80

Delta R.T. -0.012 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 2387808

Ion Ratio Lower Upper

43 100

45 10.6 8.5 12.7

61 10.5 8.5 12.7

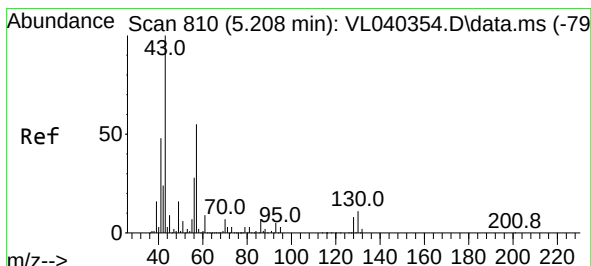
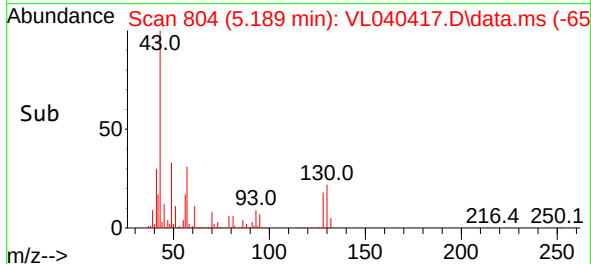
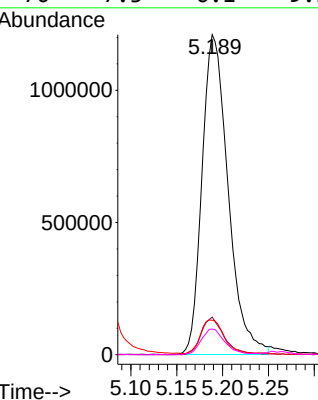
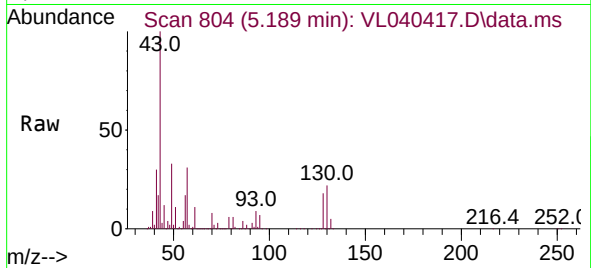
70 7.3 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#26

Hexane

Concen: 9.409 ppbv

RT: 5.198 min Scan# 807

Delta R.T. -0.010 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Tgt Ion: 57 Resp: 1019423

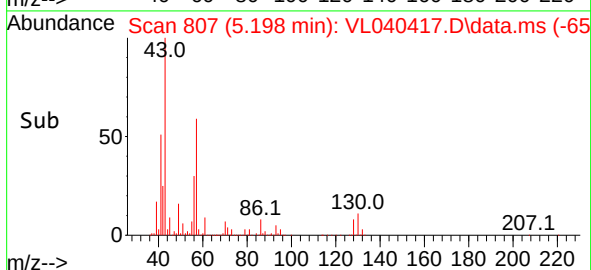
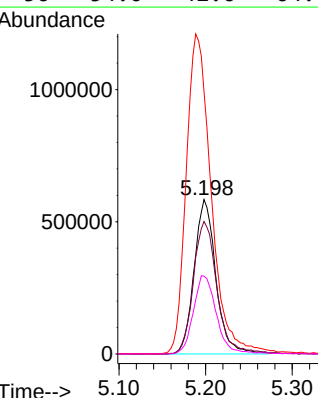
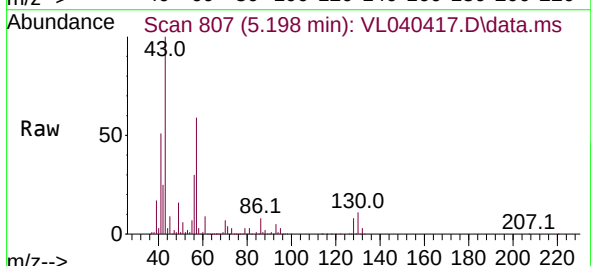
Ion Ratio Lower Upper

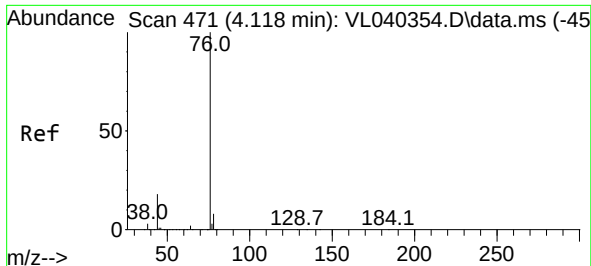
57 100

41 93.3 74.8 112.2

43 239.2 192.7 289.1

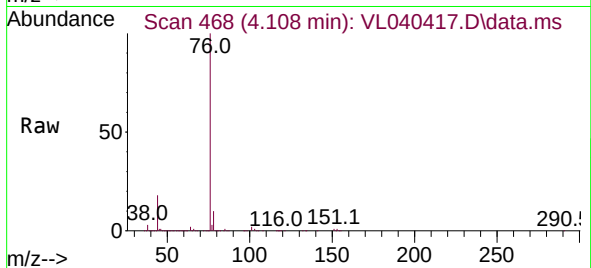
56 54.0 42.6 64.0





#27
Carbon Disulfide
Concen: 10.298 ppbv
RT: 4.108 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

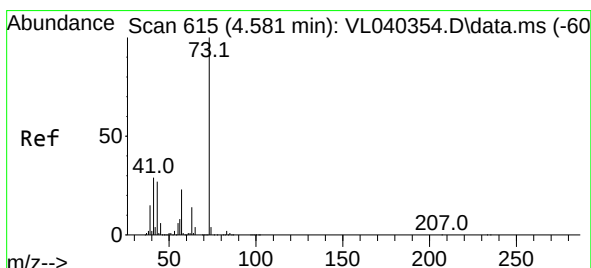
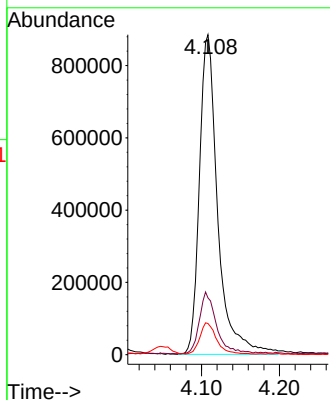
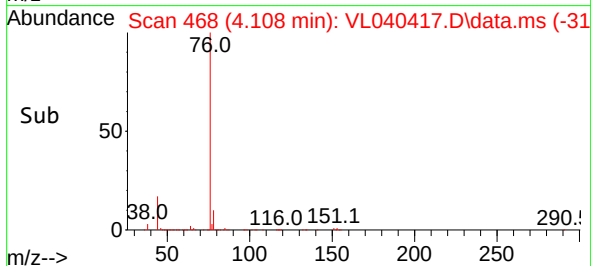
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 144396
Ion Ratio Lower Upper
76 100
44 18.4 14.7 22.1
78 9.6 7.7 11.5

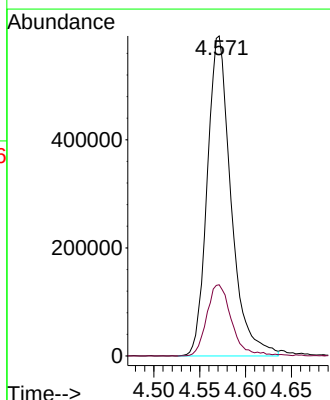
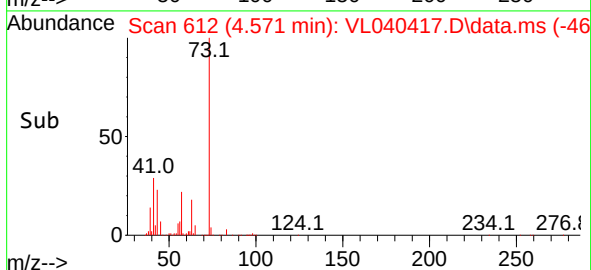
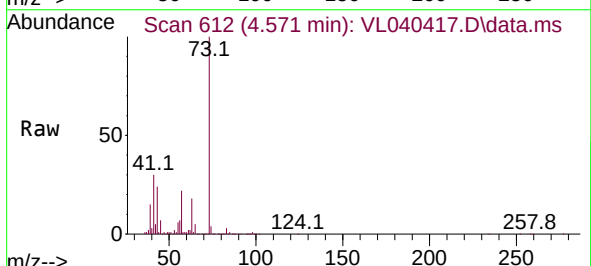
Manual Integrations
APPROVED

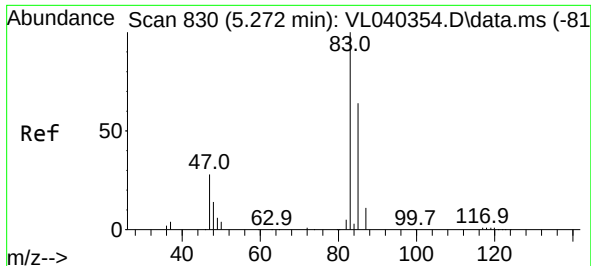
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#28
Methyl tert-Butyl Ether
Concen: 9.565 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

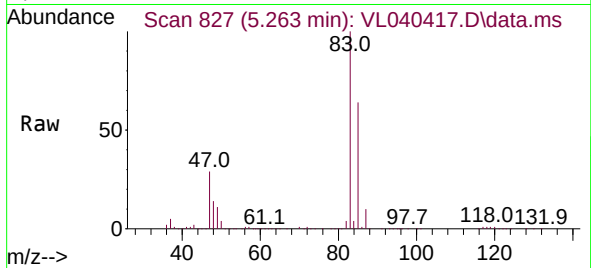
Tgt Ion: 73 Resp: 1069809
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8





#29
Chloroform
Concen: 9.260 ppbv
RT: 5.263 min Scan# 81
Delta R.T. -0.009 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

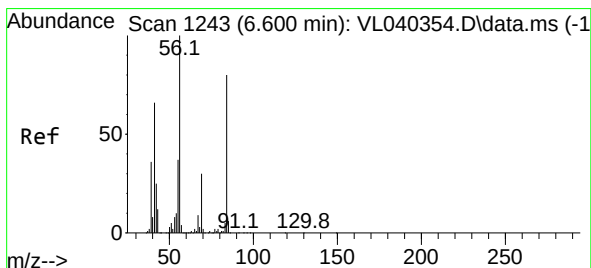
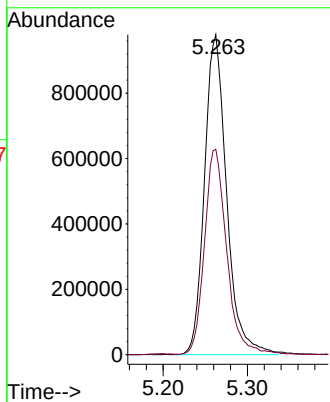
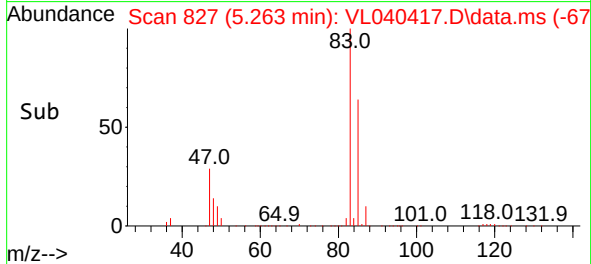
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 1787200
Ion Ratio Lower Upper
83 100
85 64.1 51.0 76.4

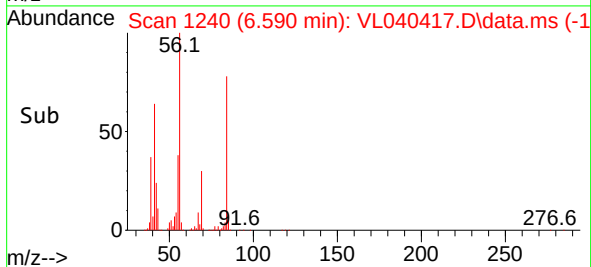
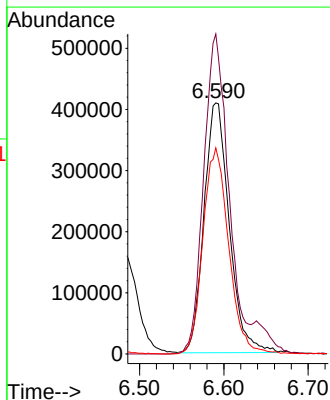
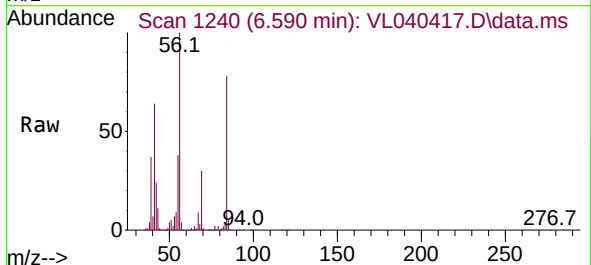
Manual Integrations
APPROVED

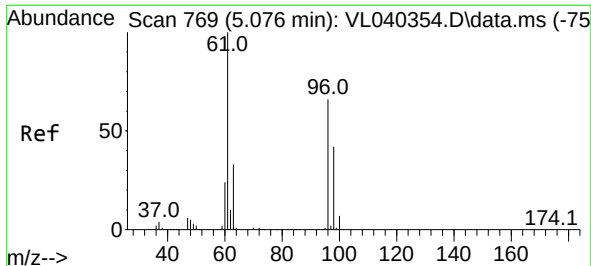
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#30
Cyclohexane
Concen: 10.163 ppbv
RT: 6.590 min Scan# 1240
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

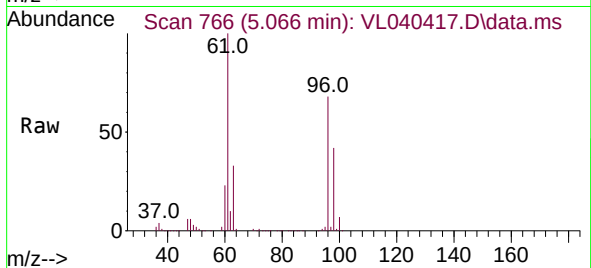
Tgt Ion: 84 Resp: 852849
Ion Ratio Lower Upper
84 100
56 134.7 107.0 160.6
41 84.3 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 9.809 ppbv
 RT: 5.066 min Scan# 70
 Delta R.T. -0.010 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

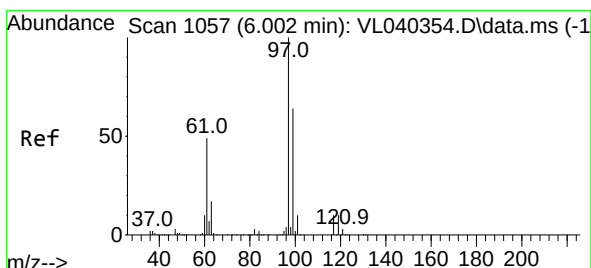
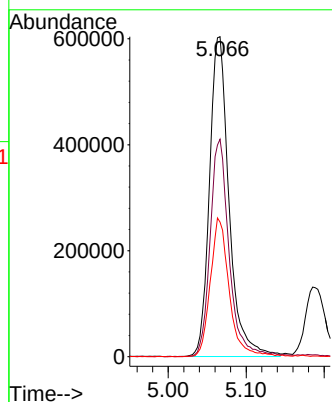
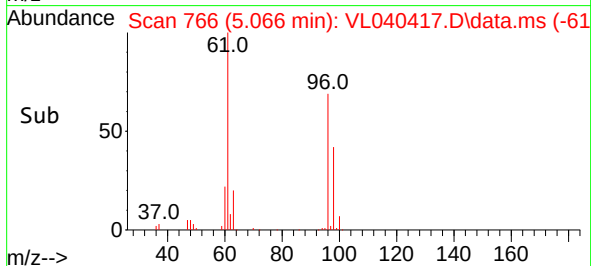
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 61 Resp: 105342
 Ion Ratio Lower Upper
 61 100
 96 67.9 53.0 79.4
 98 42.1 33.8 50.8

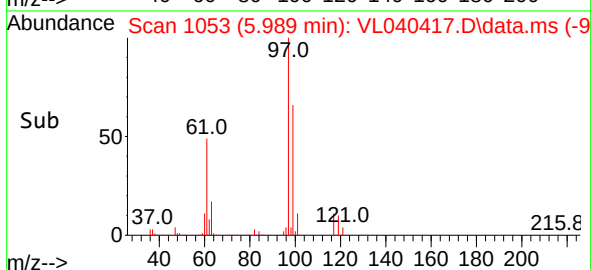
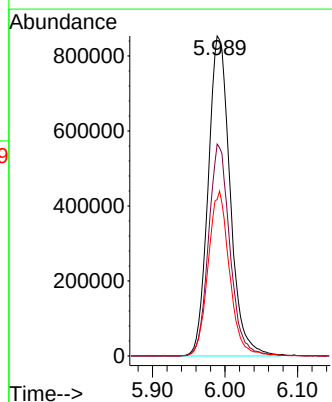
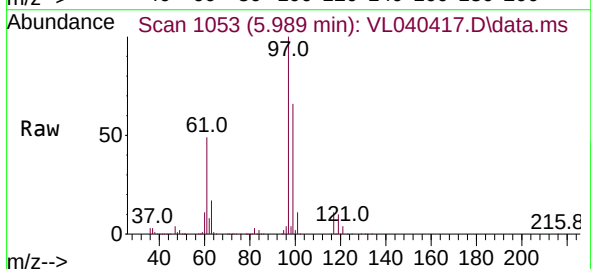
Manual Integrations
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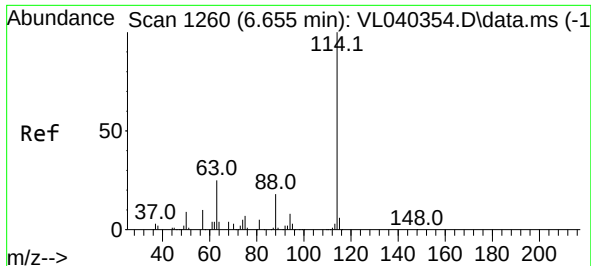
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#32
 1,1,1-Trichloroethane
 Concen: 9.556 ppbv
 RT: 5.989 min Scan# 1053
 Delta R.T. -0.013 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

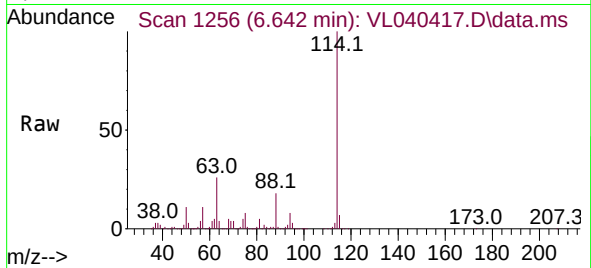
Tgt Ion: 97 Resp: 1791935
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.8 77.8
 61 50.0 40.4 60.6





#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.642 min Scan# 114
 Delta R.T. -0.013 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

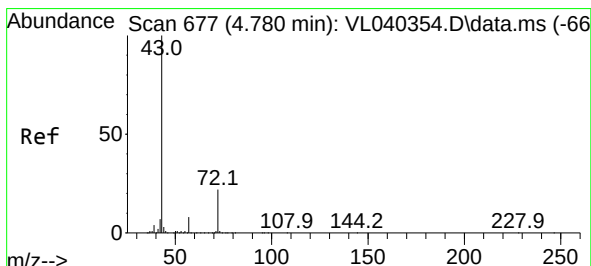
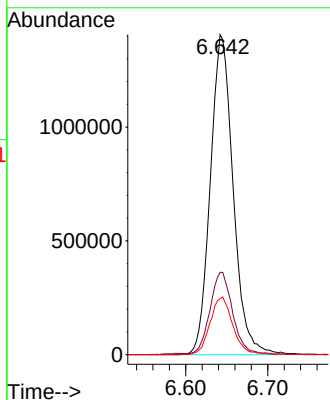
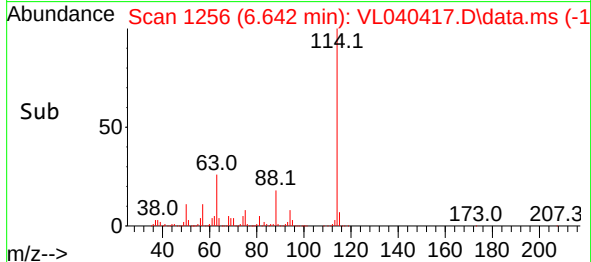
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:114 Resp: 2718010
 Ion Ratio Lower Upper
 114 100
 63 26.4 21.4 32.0
 88 18.0 14.6 22.0

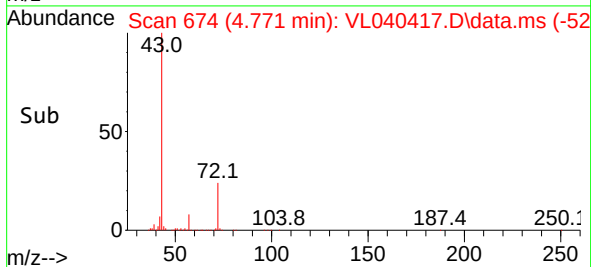
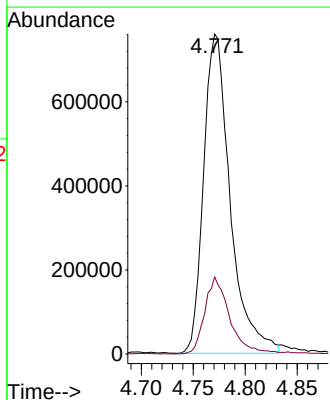
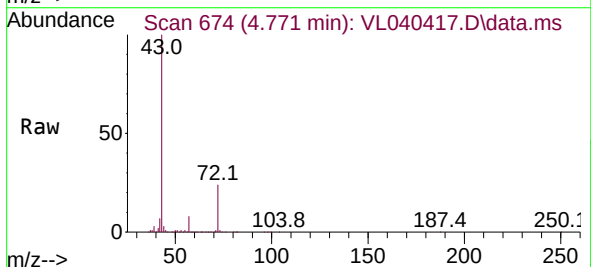
Manual Integrations
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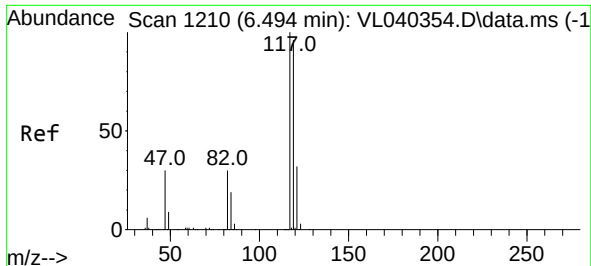
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023



#34
 2-Butanone
 Concen: 9.244 ppbv
 RT: 4.771 min Scan# 674
 Delta R.T. -0.009 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

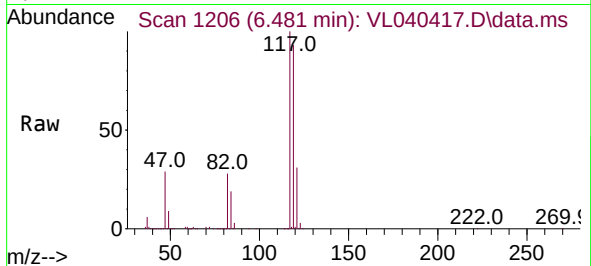
Tgt Ion: 43 Resp: 1354815
 Ion Ratio Lower Upper
 43 100
 72 23.0 18.4 27.6





#35
Carbon Tetrachloride
Concen: 9.638 ppbv
RT: 6.481 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

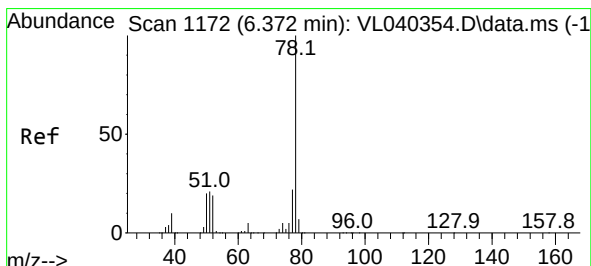
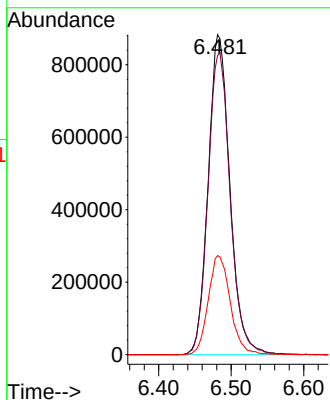
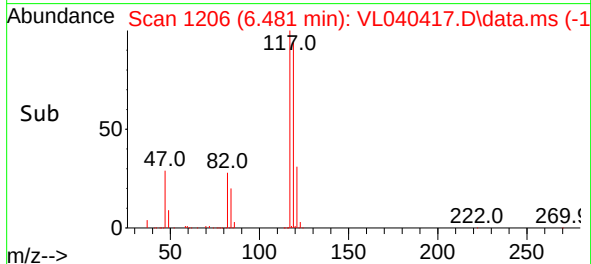
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 1844074
Ion Ratio Lower Upper
117 100
119 93.4 76.6 114.8
121 31.0 25.3 37.9

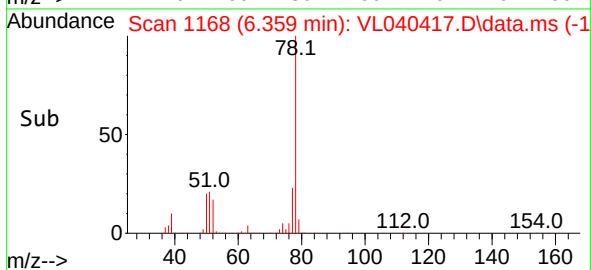
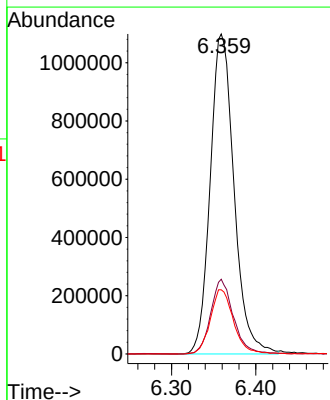
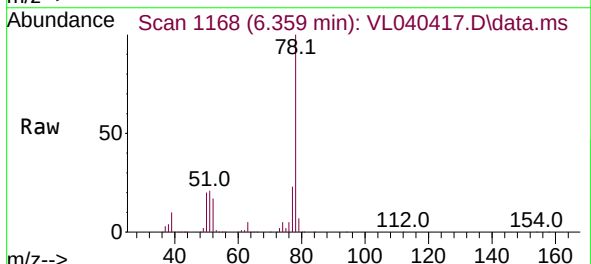
Manual Integrations
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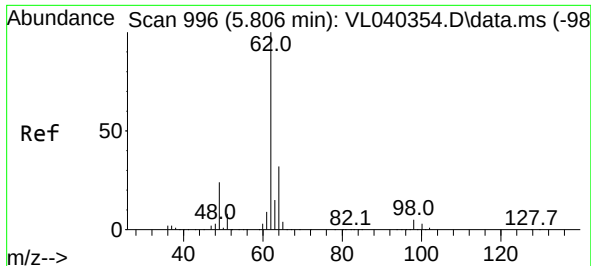
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#36
Benzene
Concen: 9.718 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

Tgt Ion: 78 Resp: 2154963
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.8
50 20.1 15.6 23.4





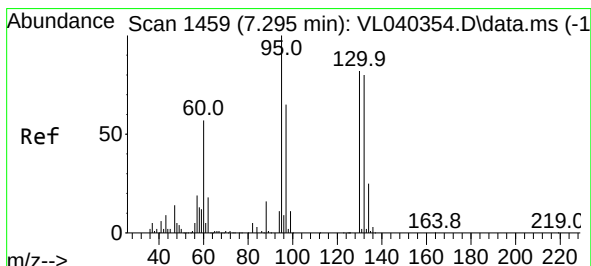
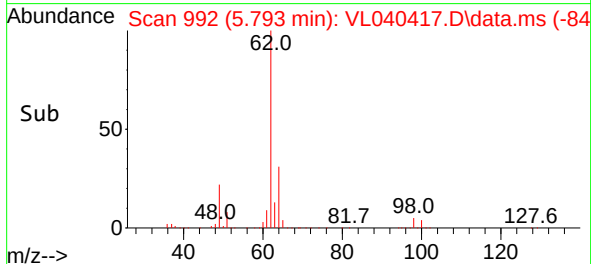
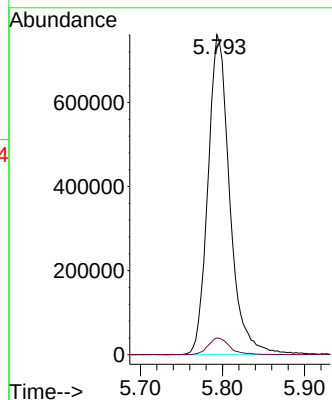
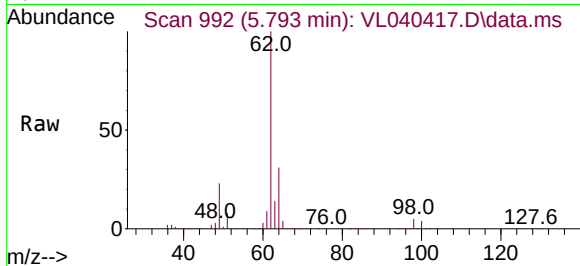
#37
1,2-Dichloroethane
Concen: 9.633 ppbv
RT: 5.793 min Scan# 996
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 62 Resp: 140313
Ion Ratio Lower Upper
62 100
98 5.3 4.4 6.6

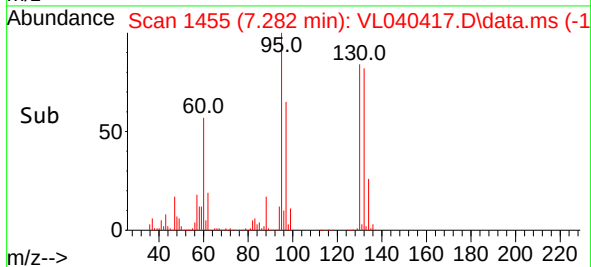
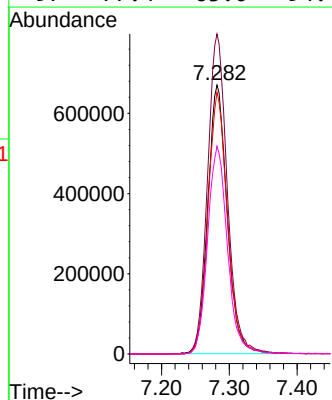
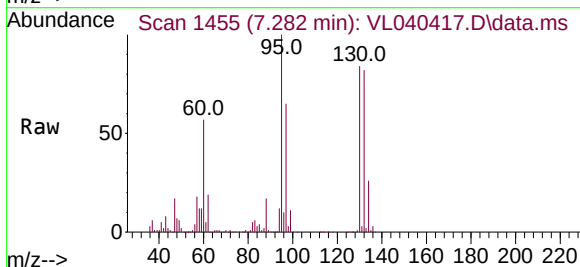
Manual Integrations
APPROVED

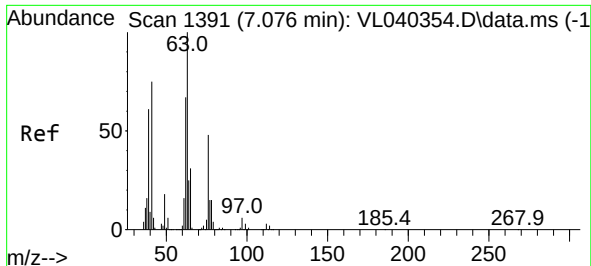
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#38
Trichloroethene
Concen: 10.567 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

Tgt Ion:130 Resp: 1333694
Ion Ratio Lower Upper
130 100
95 119.2 97.4 146.0
132 97.4 77.5 116.3
97 77.4 63.0 94.4





#39

1,2-Dichloropropane

Concen: 9.470 ppbv

RT: 7.066 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

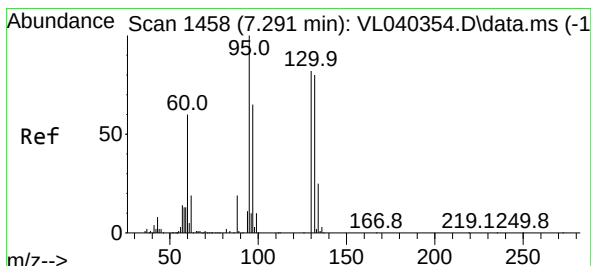
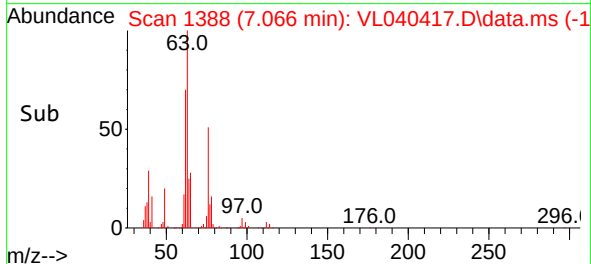
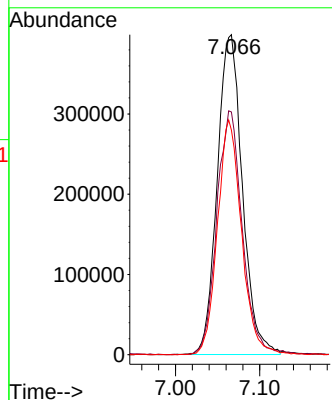
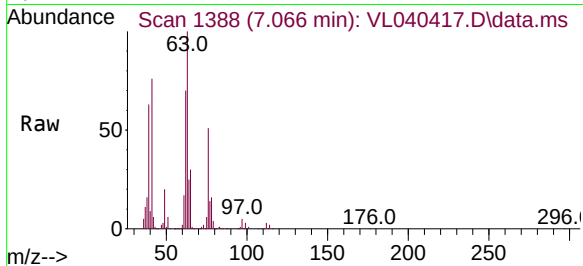
Tgt Ion:	63	Resp:	82632
Ion	Ratio	Lower	Upper
63	100		
41	75.8	59.6	89.4
62	70.2	53.9	80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#40

1,4-Dioxane

Concen: 9.542 ppbv

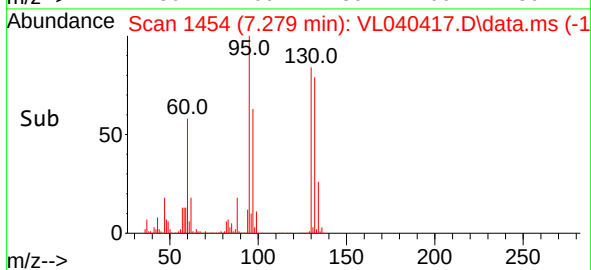
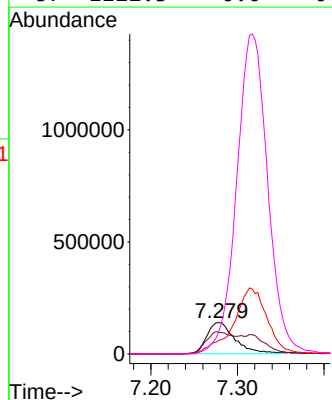
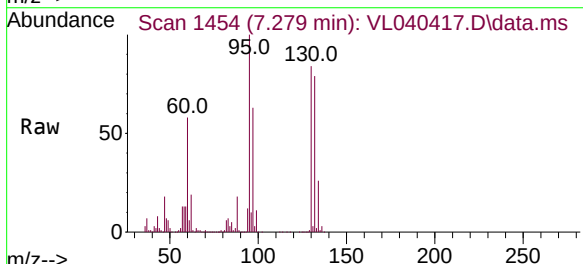
RT: 7.279 min Scan# 1454

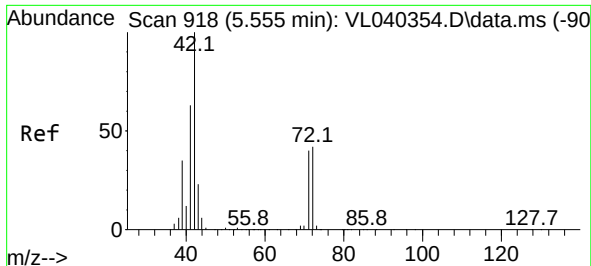
Delta R.T. -0.012 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Tgt Ion:	88	Resp:	318875
Ion	Ratio	Lower	Upper
88	100		
58	125.2	100.8	151.2
43	251.2	0.0	0.0#
57	1122.3	0.0	0.0#





#41

Tetrahydrofuran

Concen: 10.118 ppbv

RT: 5.542 min Scan# 918

Delta R.T. -0.013 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

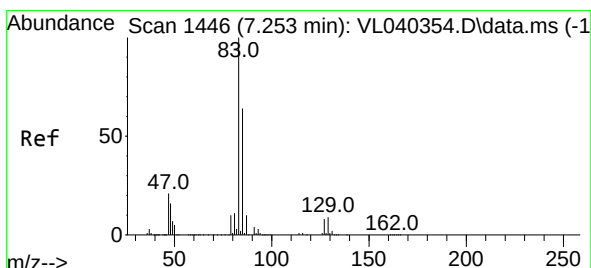
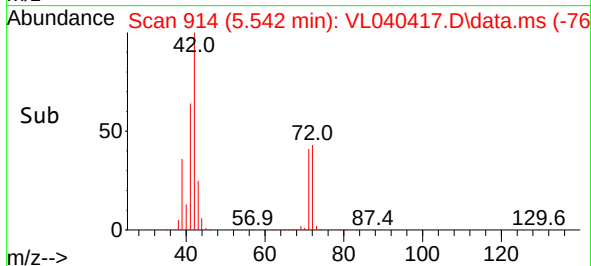
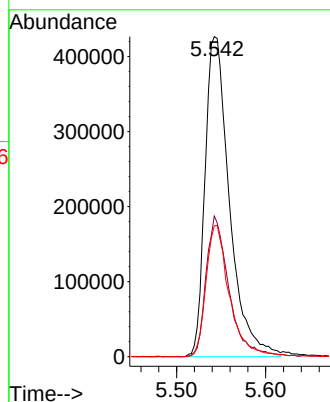
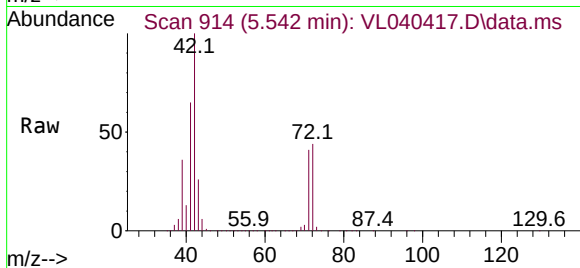
VSTDCCC010EC

Tgt Ion:	42	Resp:	81215
Ion Ratio	Lower	Upper	
42	100		
72	41.4	33.7	50.5
71	39.7	32.2	48.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#42

Bromodichloromethane

Concen: 9.783 ppbv

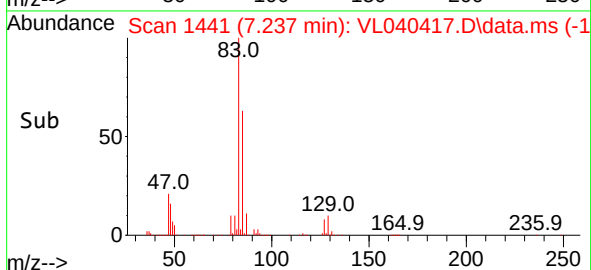
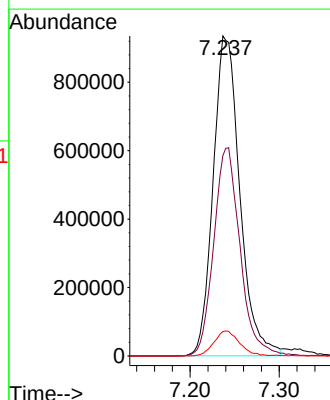
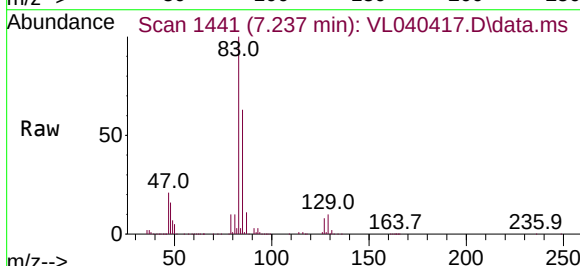
RT: 7.237 min Scan# 1441

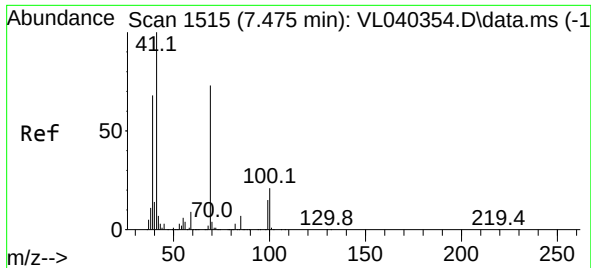
Delta R.T. -0.016 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

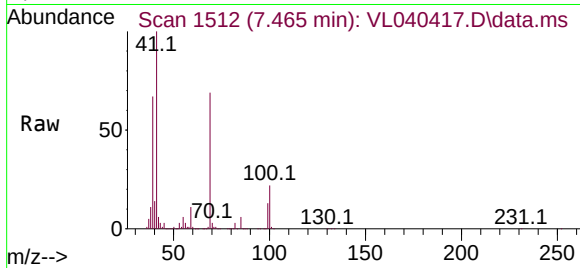
Tgt Ion:	83	Resp:	1946051
Ion Ratio	Lower	Upper	
83	100		
85	62.7	50.9	76.3
127	7.6	6.4	9.6





#43
Methyl Methacrylate
Concen: 10.448 ppbv
RT: 7.465 min Scan# 1466
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

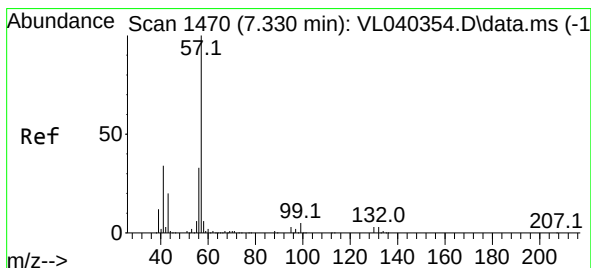
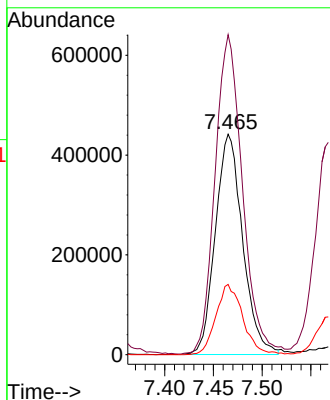
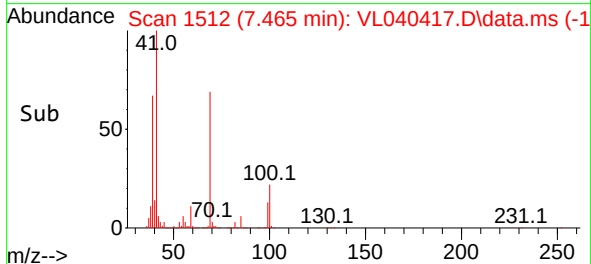
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



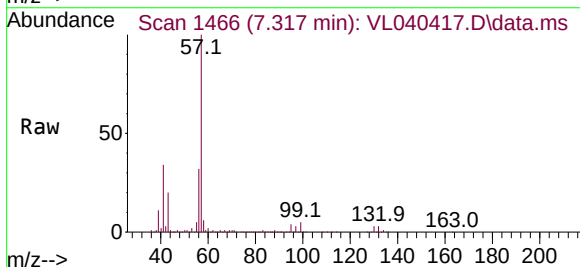
Tgt Ion: 69 Resp: 860529
Ion Ratio Lower Upper
69 100
41 146.8 114.3 171.5
100 31.5 24.5 36.7

Manual Integrations
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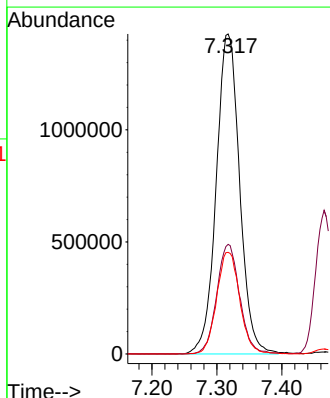
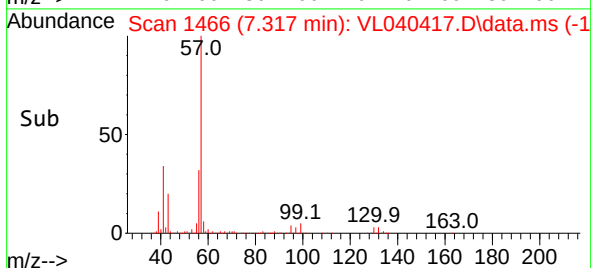
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

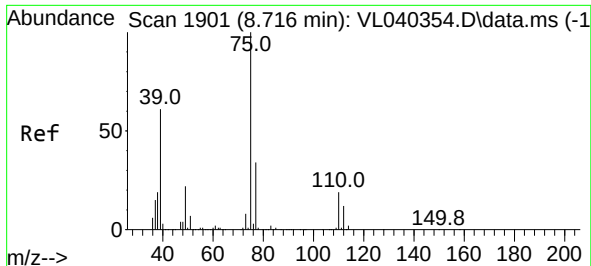


#44
2,2,4-Trimethylpentane
Concen: 9.636 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



Tgt Ion: 57 Resp: 3569319
Ion Ratio Lower Upper
57 100
41 33.4 26.9 40.3
56 31.5 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 11.518 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 847428

Ion Ratio Lower Upper

75 100

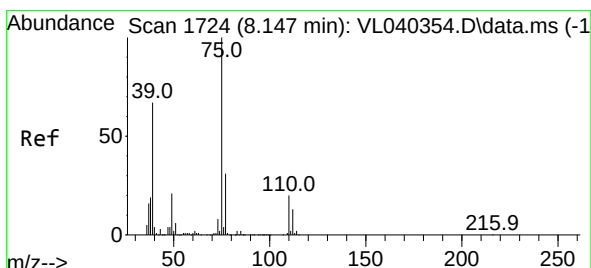
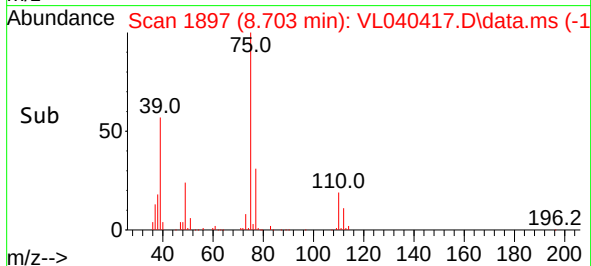
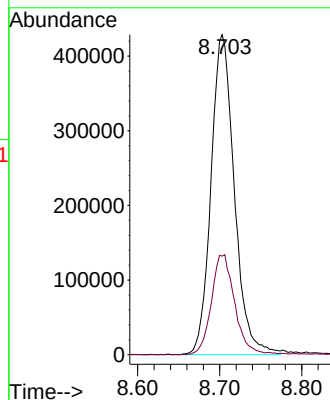
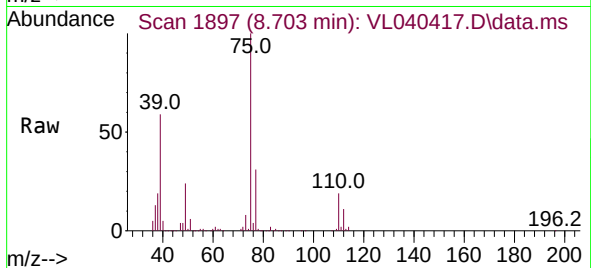
77 30.8 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#46

cis-1,3-Dichloropropene

Concen: 11.124 ppbv

RT: 8.134 min Scan# 1720

Delta R.T. -0.013 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

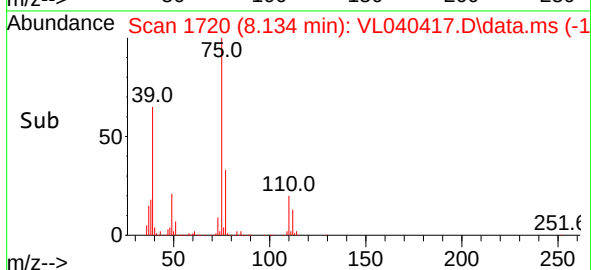
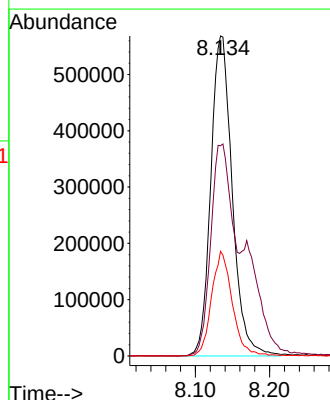
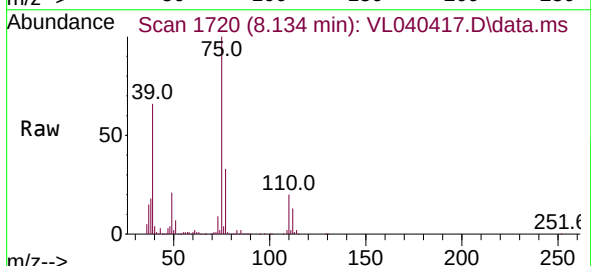
Tgt Ion: 75 Resp: 1139106

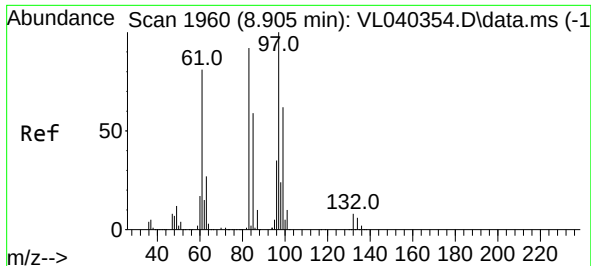
Ion Ratio Lower Upper

75 100

39 65.7 53.4 80.2

77 32.7 24.7 37.1





#47

1,1,2-Trichloroethane

Concen: 9.551 ppbv

RT: 8.889 min Scan# 1960

Delta R.T. -0.016 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 97 Resp: 913724

Ion Ratio Lower Upper

97 100

83 88.0 73.3 109.9

85 58.8 46.9 70.3

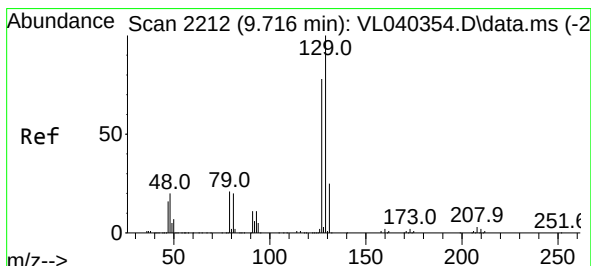
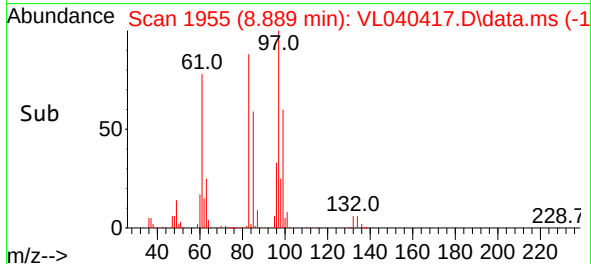
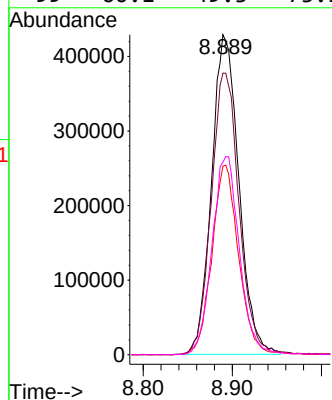
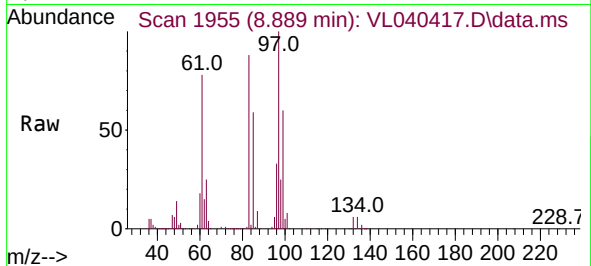
99 60.1 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#48

Dibromochloromethane

Concen: 10.149 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.013 min

Lab File: VL040417.D

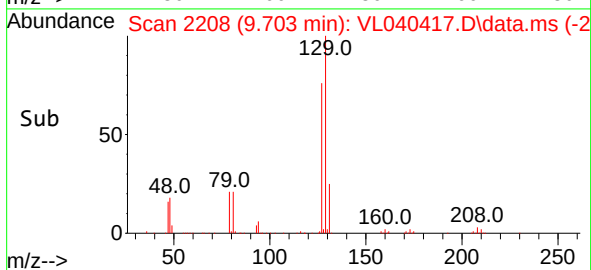
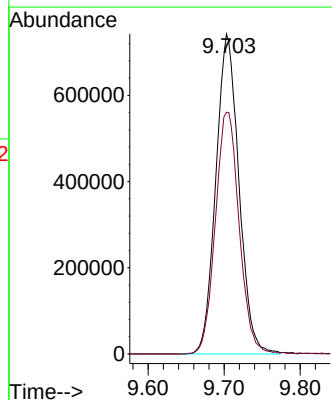
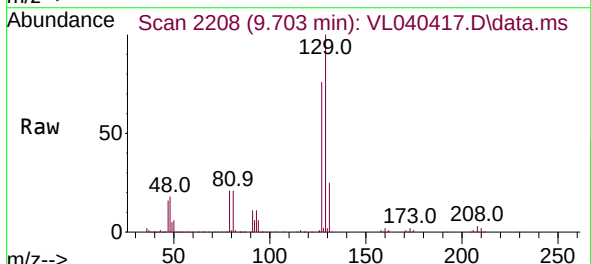
Acq: 12 May 2023 10:57

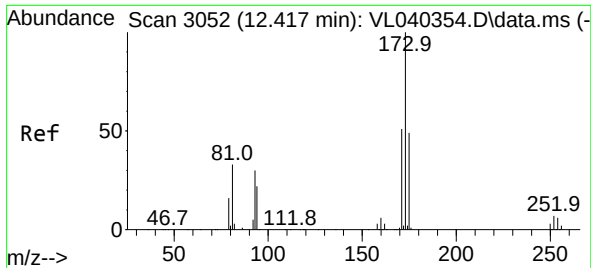
Tgt Ion:129 Resp: 1563631

Ion Ratio Lower Upper

129 100

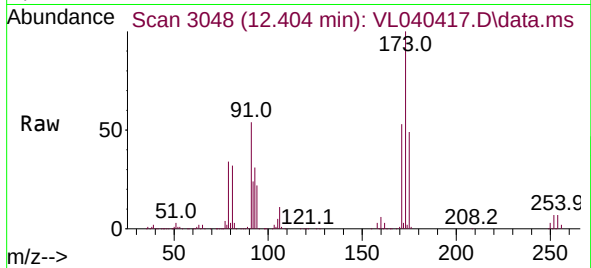
127 78.2 39.2 117.6





#49
Bromoform
Concen: 10.094 ppbv
RT: 12.404 min Scan# 3052
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

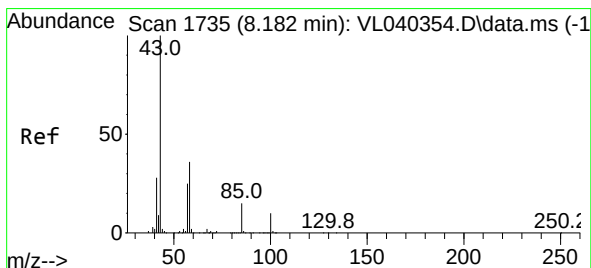
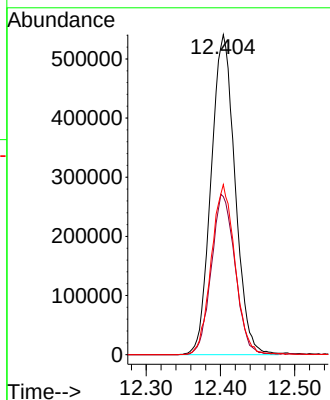
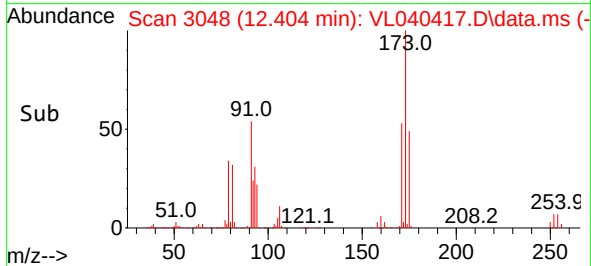
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 121300
Ion Ratio Lower Upper
173 100
175 49.7 39.8 59.8
171 52.9 42.2 63.2

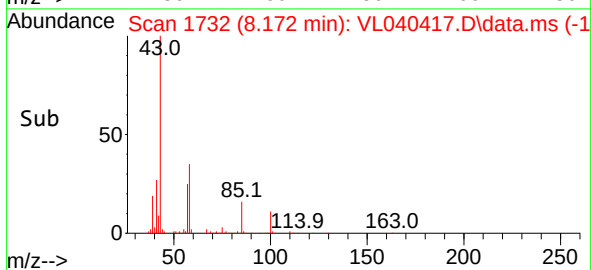
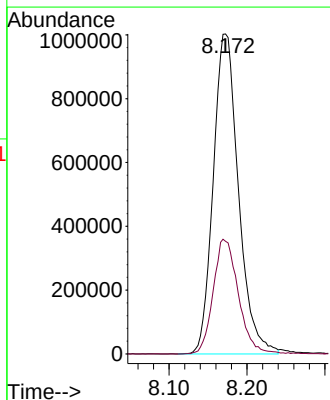
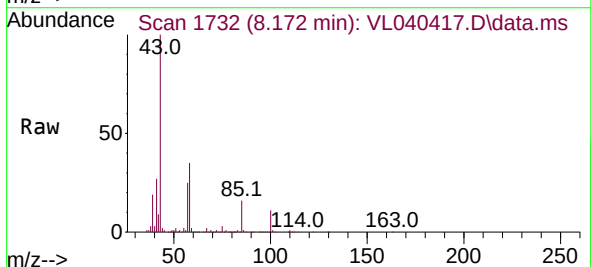
Manual Integrations
APPROVED

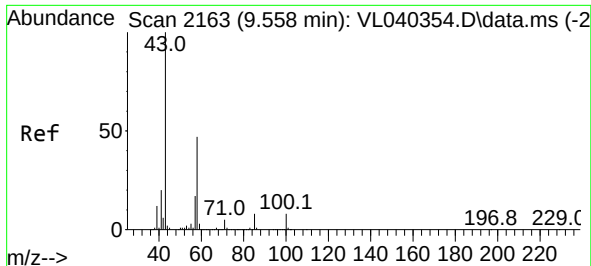
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#50
4-Methyl-2-Pentanone
Concen: 10.161 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

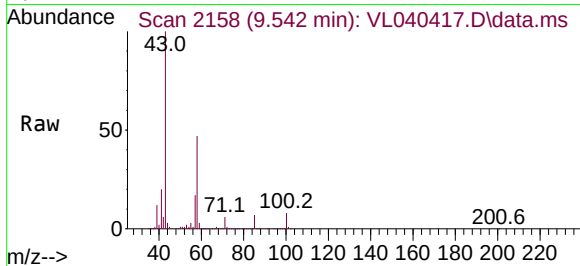
Tgt Ion: 43 Resp: 2258117
Ion Ratio Lower Upper
43 100
58 36.0 28.6 43.0





#51
2-Hexanone
Concen: 10.851 ppbv
RT: 9.542 min Scan# 2163
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

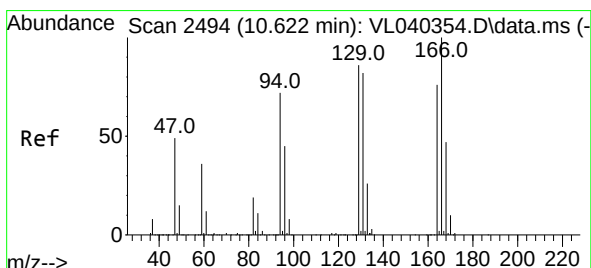
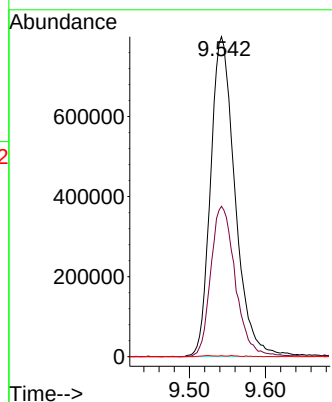
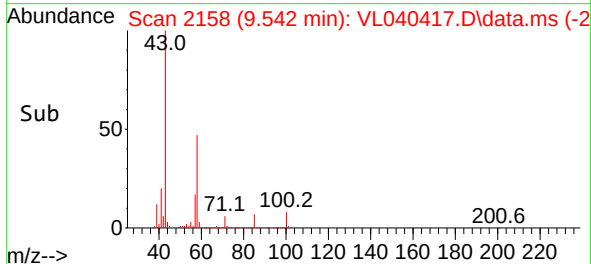
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 178188
Ion Ratio Lower Upper
43 100
58 47.5 38.3 57.5
98 0.5 0.4 0.6

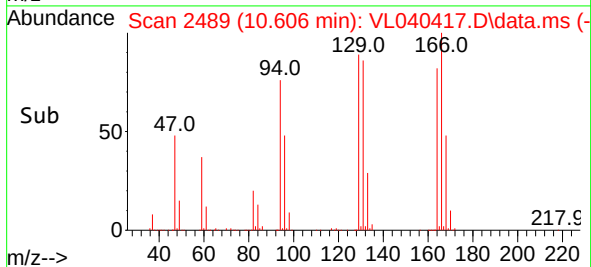
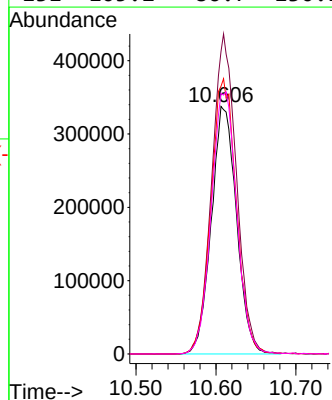
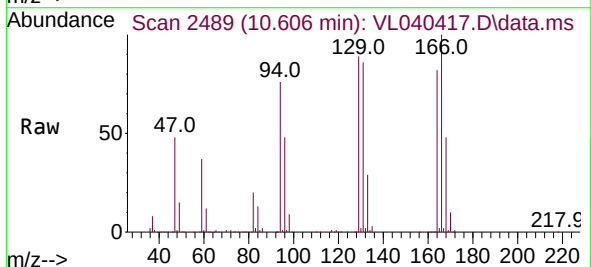
Manual Integrations
APPROVED

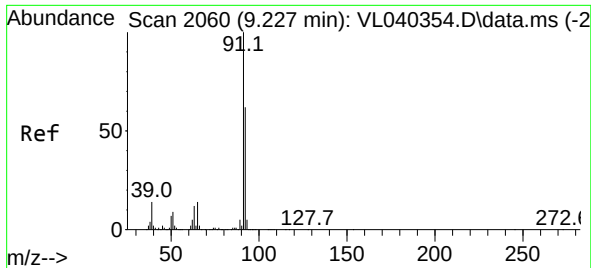
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#52
Tetrachloroethene
Concen: 10.606 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

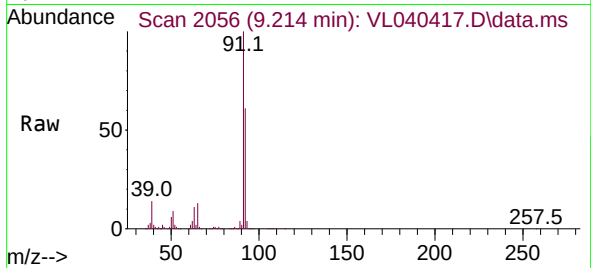
Tgt Ion:164 Resp: 735702
Ion Ratio Lower Upper
164 100
166 122.1 105.2 157.8
129 108.1 90.3 135.5
131 105.2 86.7 130.1





#53
Toluene
Concen: 10.539 ppbv
RT: 9.214 min Scan# 2060
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

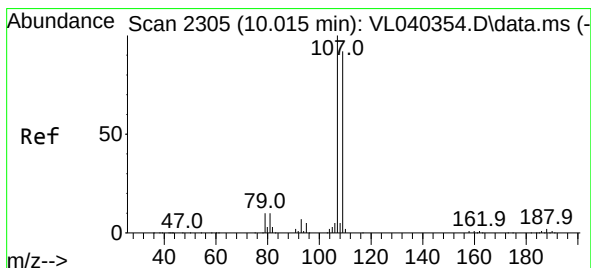
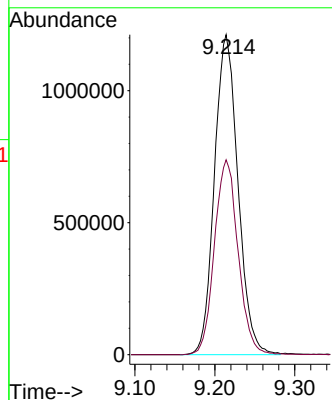
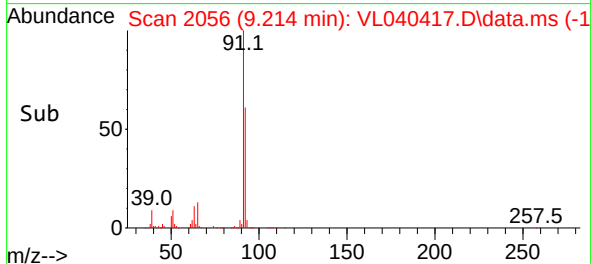
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



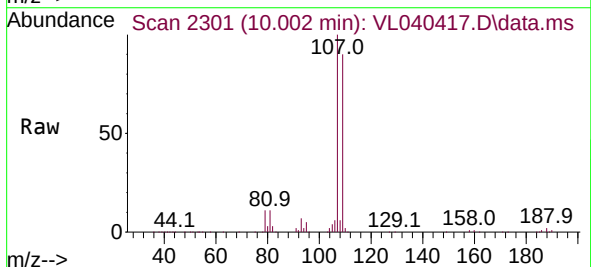
Tgt Ion: 91 Resp: 247773
Ion Ratio Lower Upper
91 100
92 61.2 48.9 73.3

Manual Integrations
APPROVED

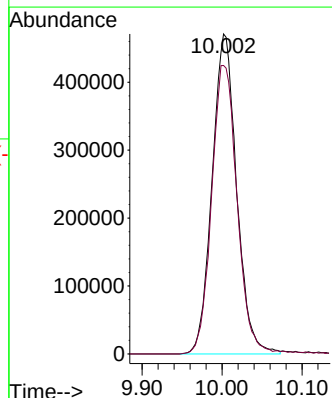
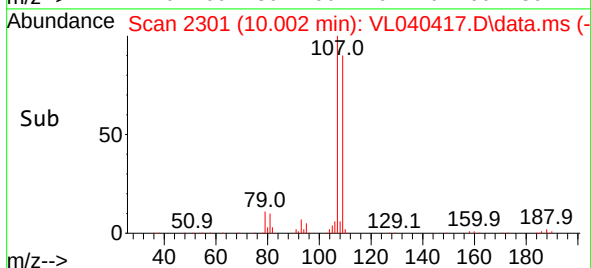
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

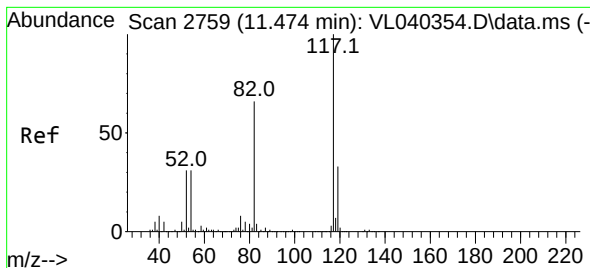


#54
1,2-Dibromoethane
Concen: 10.342 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



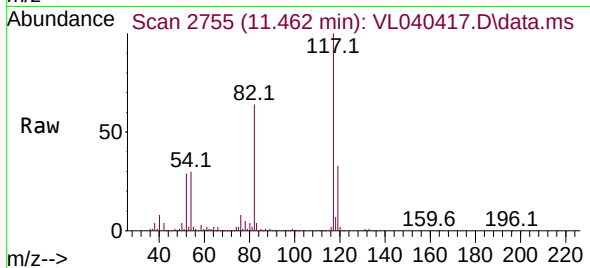
Tgt Ion:107 Resp: 1003106
Ion Ratio Lower Upper
107 100
109 90.2 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.012 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

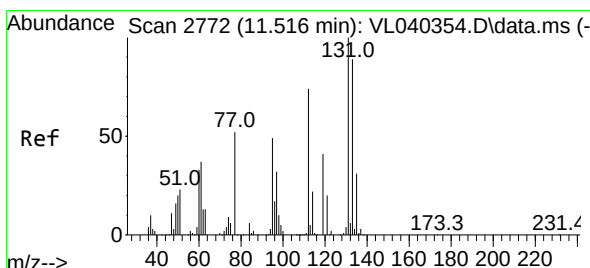
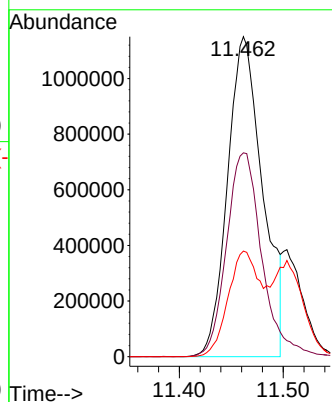
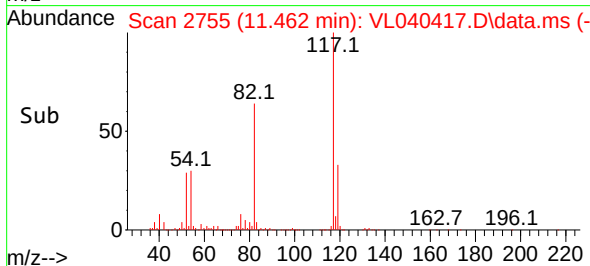
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



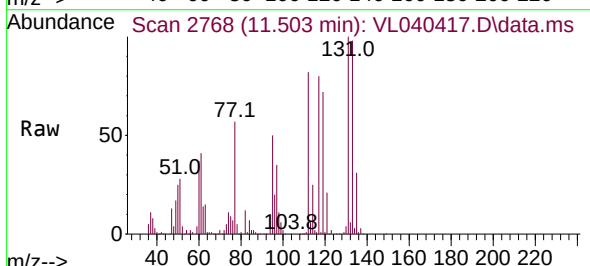
Tgt Ion:117 Resp: 2703549
Ion Ratio Lower Upper
117 100
82 64.4 52.5 78.7
119 30.7 24.3 36.5

Manual Integrations
APPROVED

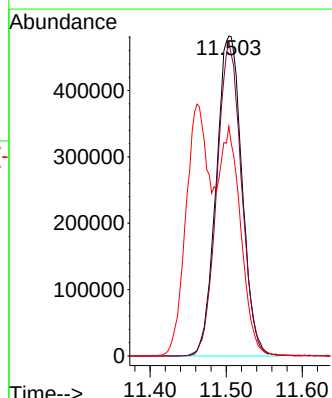
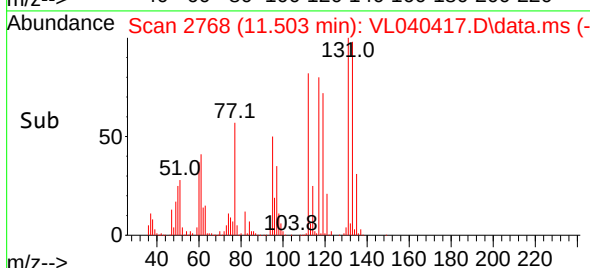
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

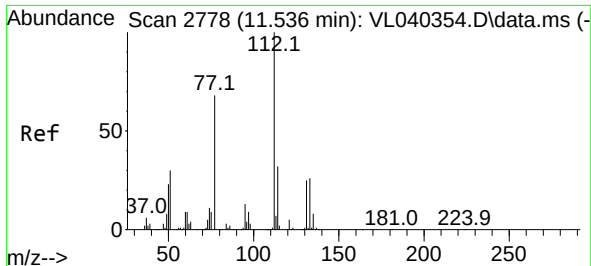


#56
1,1,1,2-Tetrachloroethane
Concen: 9.191 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



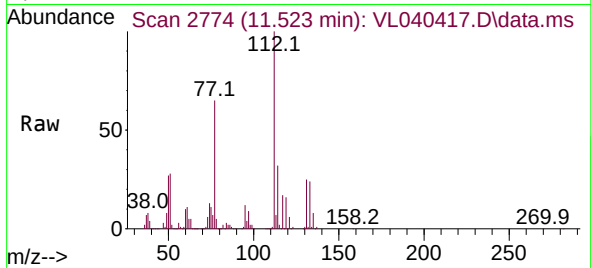
Tgt Ion:131 Resp: 1134190
Ion Ratio Lower Upper
131 100
133 94.2 75.3 112.9
119 57.3 53.9 80.9





#57
Chlorobenzene
Concen: 9.087 ppbv
RT: 11.523 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

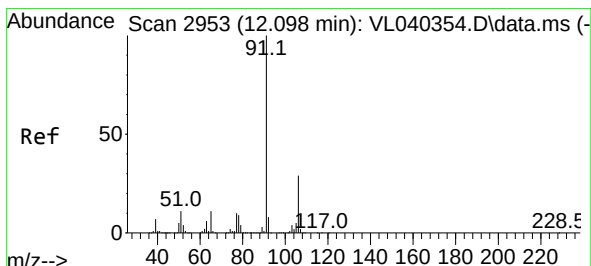
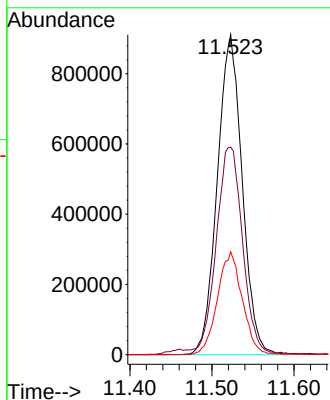
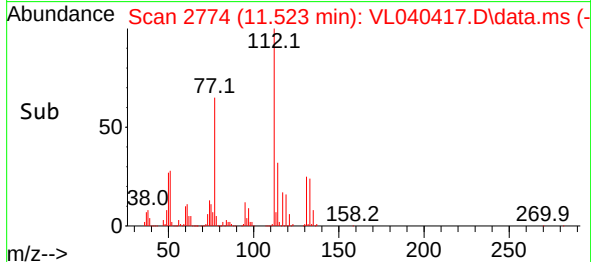
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 192351
Ion Ratio Lower Upper
112 100
77 64.5 55.8 83.8
114 32.1 29.1 35.5

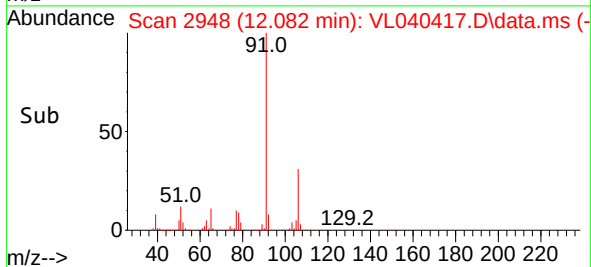
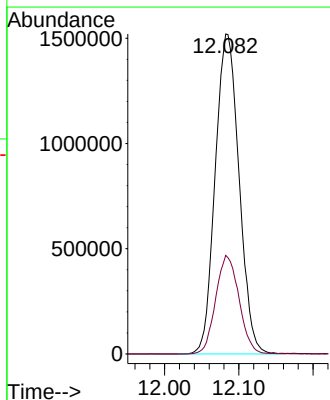
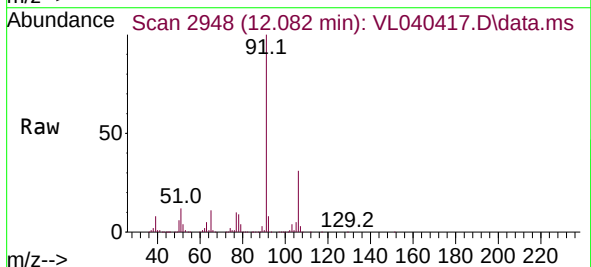
Manual Integrations
APPROVED

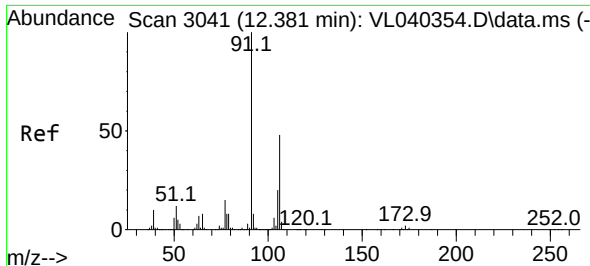
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#58
Ethyl Benzene
Concen: 10.193 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

Tgt Ion: 91 Resp: 3389993
Ion Ratio Lower Upper
91 100
106 30.8 23.5 35.3





#59

m/p-Xylene

Concen: 19.202 ppbv m

RT: 12.368 min Scan# 3041

Delta R.T. -0.013 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 5872839

Ion Ratio Lower Upper

91 100

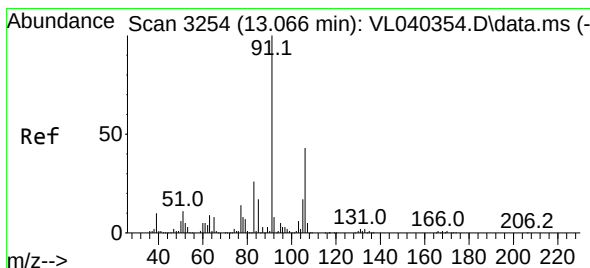
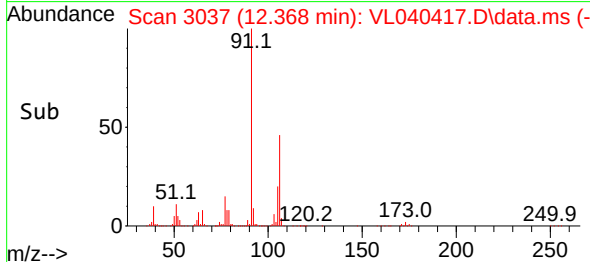
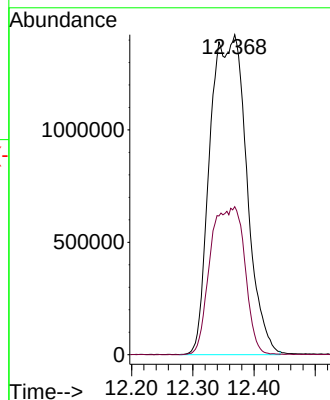
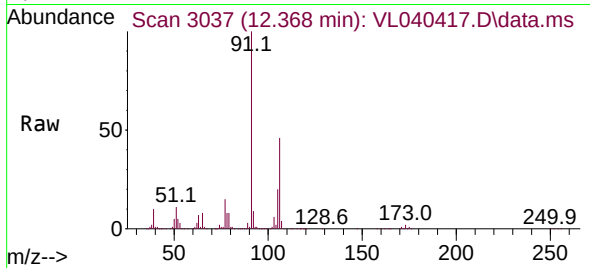
106 43.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#60

o-Xylene

Concen: 9.652 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. -0.013 min

Lab File: VL040417.D

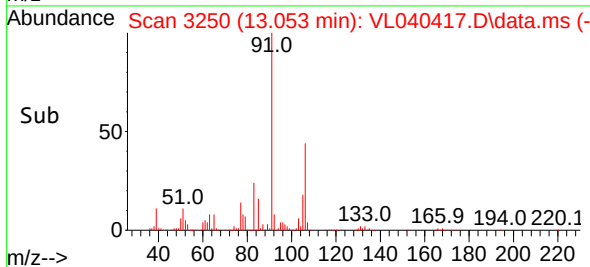
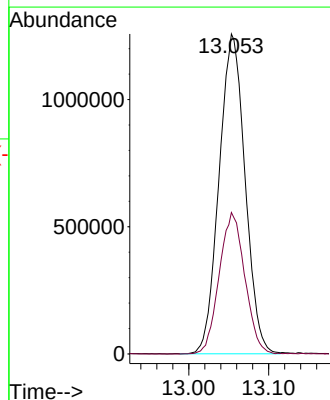
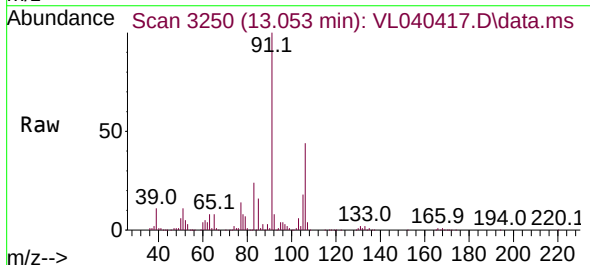
Acq: 12 May 2023 10:57

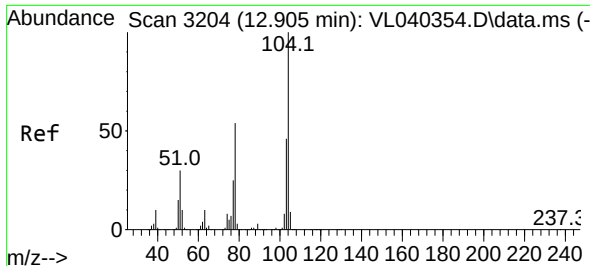
Tgt Ion: 91 Resp: 2833133

Ion Ratio Lower Upper

91 100

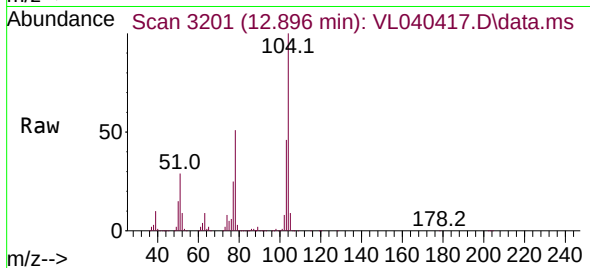
106 43.7 21.9 65.8





#61
Styrene
Concen: 10.985 ppbv
RT: 12.896 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

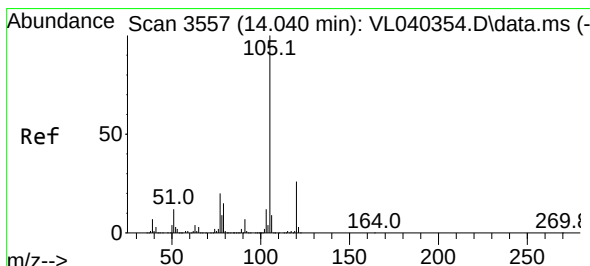
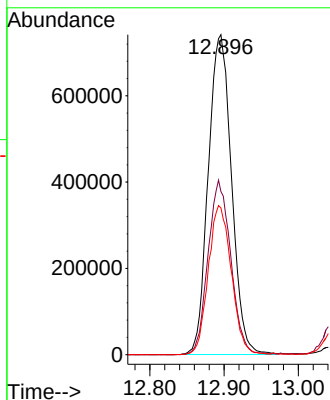
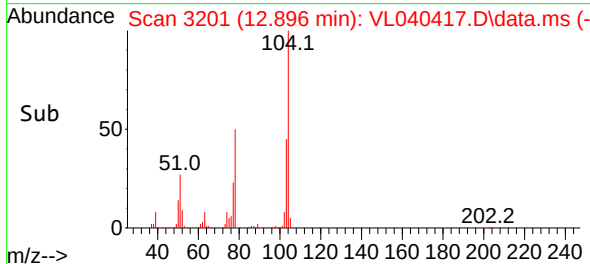
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



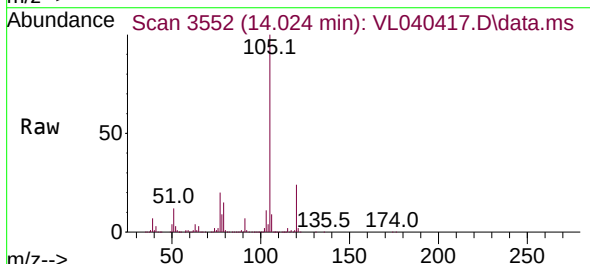
Tgt Ion:104 Resp: 161513
Ion Ratio Lower Upper
104 100
78 53.6 43.4 65.0
103 46.4 37.0 55.4

Manual Integrations
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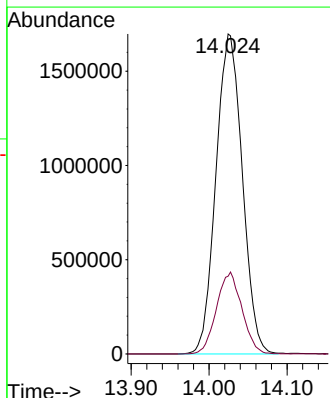
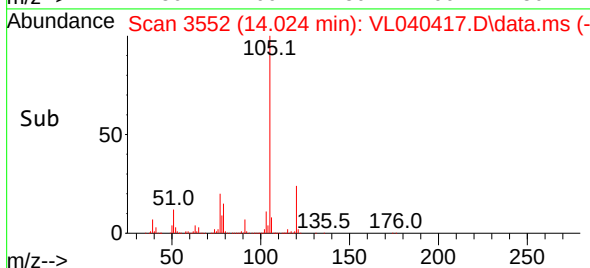
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

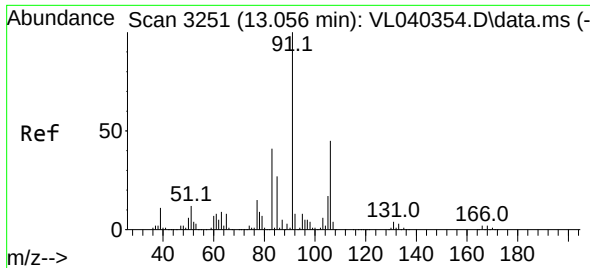


#62
Isopropylbenzene
Concen: 9.439 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



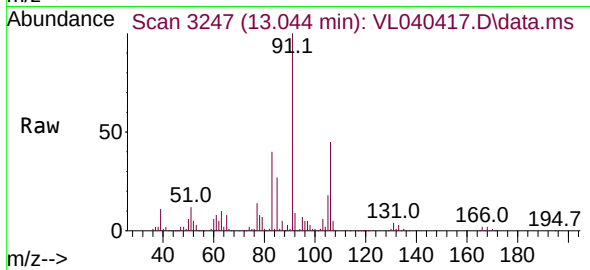
Tgt Ion:105 Resp: 3989781
Ion Ratio Lower Upper
105 100
120 24.7 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.094 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.012 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

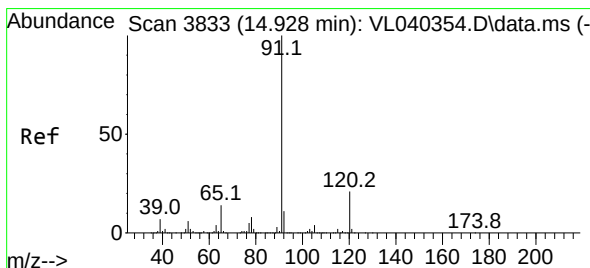
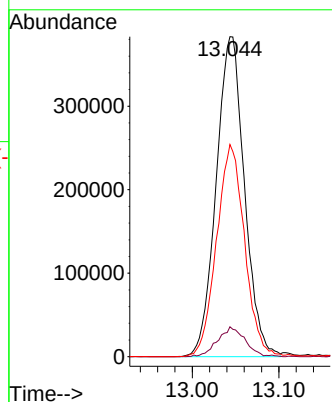
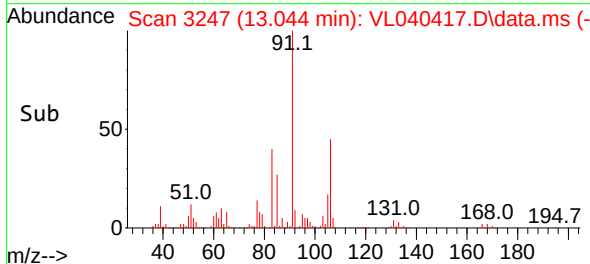
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 86945
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 65.9 32.9 98.6

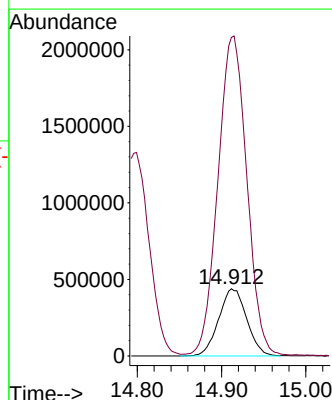
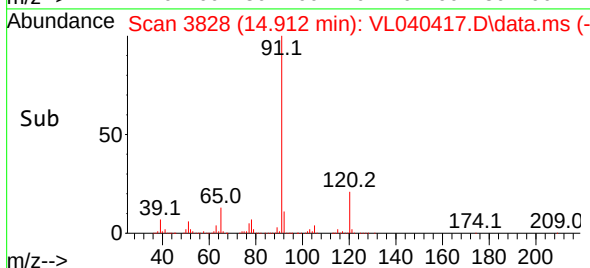
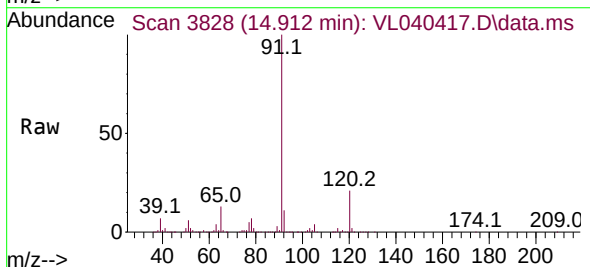
Manual Integrations
APPROVED

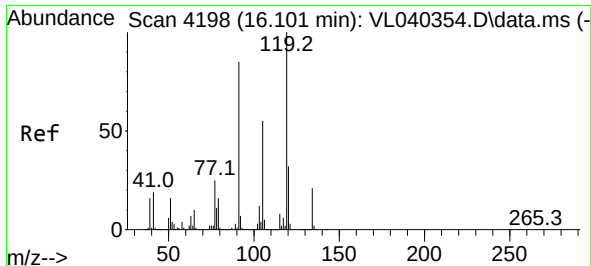
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#64
n-propylbenzene
Concen: 9.732 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

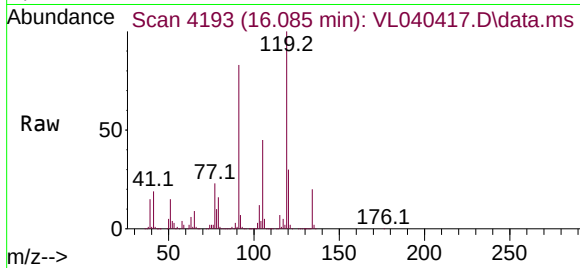
Tgt Ion:120 Resp: 1012262
Ion Ratio Lower Upper
120 100
91 492.4 397.4 596.0





#65
tert-Butylbenzene
Concen: 9.478 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

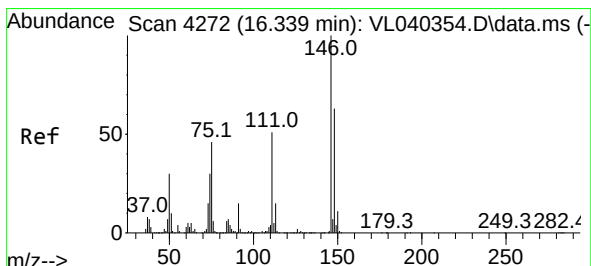
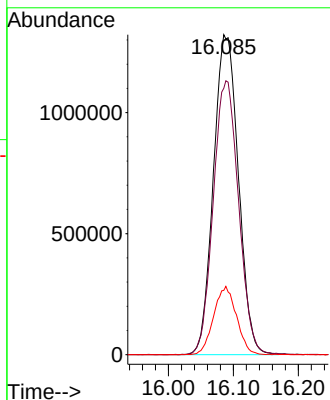
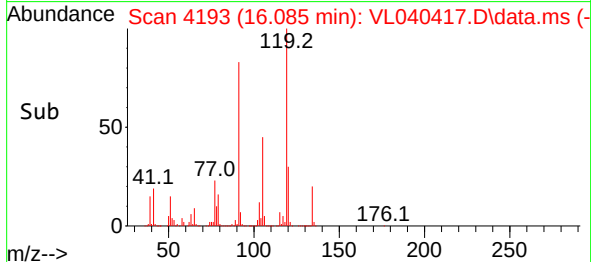
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



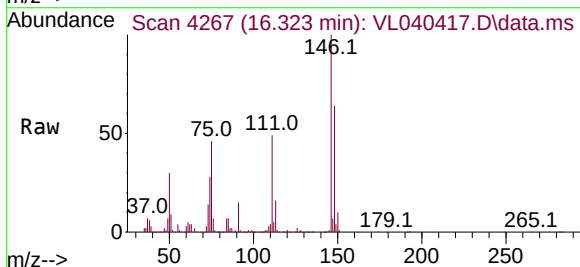
Tgt Ion: 119 Resp: 352489
Ion Ratio Lower Upper
119 100
91 87.0 70.1 105.1
134 19.6 15.6 23.4

Manual Integrations
APPROVED

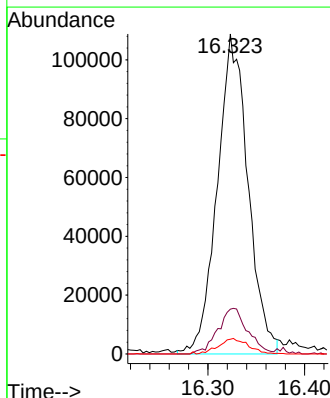
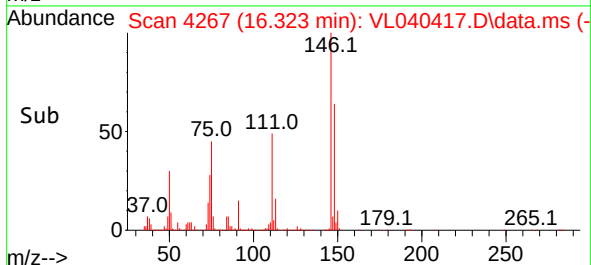
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

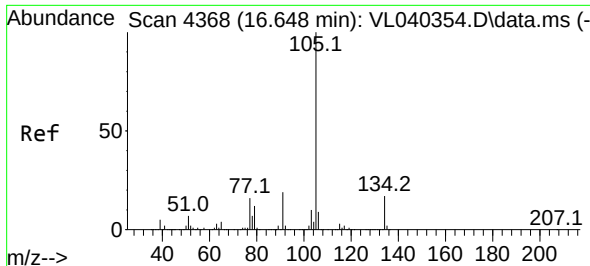


#66
Benzyl Chloride
Concen: 10.407 ppbv m
RT: 16.323 min Scan# 4267
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



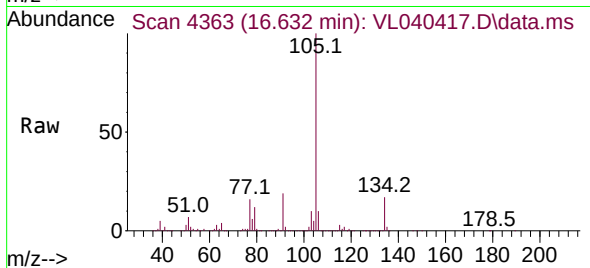
Tgt Ion: 91 Resp: 239629
Ion Ratio Lower Upper
91 100
126 0.0 12.3 18.5#
128 0.0 4.1 6.1#





#67
 sec-Butylbenzene
 Concen: 9.516 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57

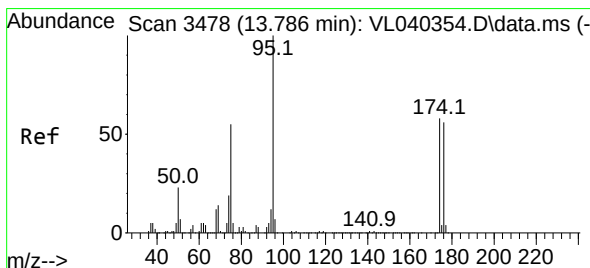
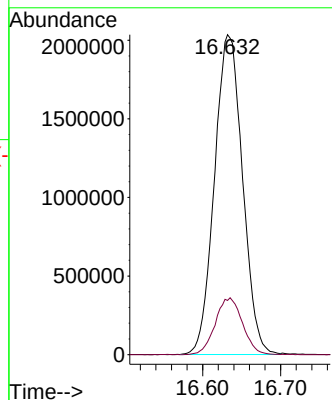
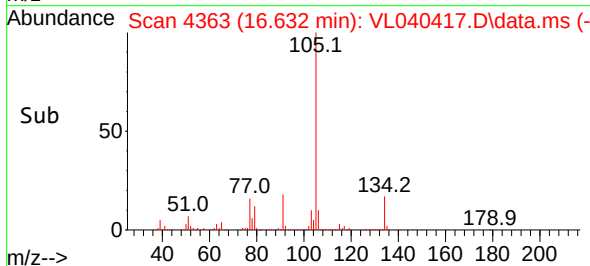
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



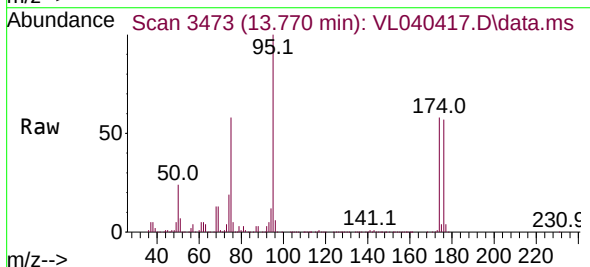
Tgt Ion: 105 Resp: 5083129
 Ion Ratio Lower Upper
 105 100
 134 17.3 13.8 20.6

Manual Integrations
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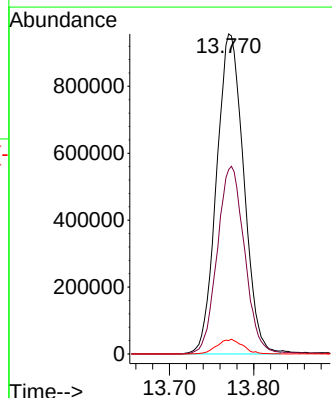
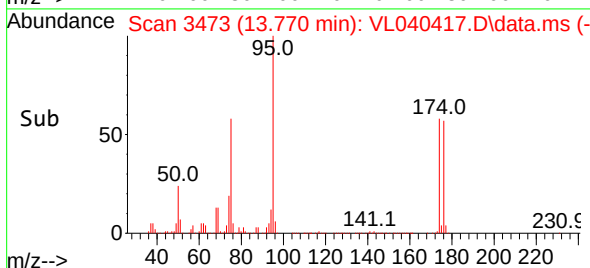
Reviewed By :Semsettin Yesilyurt 05/14/2023
 Supervised By :Mahesh Dadoda 05/15/2023

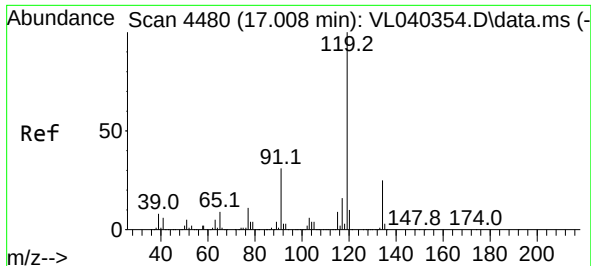


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.568 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.016 min
 Lab File: VL040417.D
 Acq: 12 May 2023 10:57



Tgt Ion: 95 Resp: 2139097
 Ion Ratio Lower Upper
 95 100
 174 59.3 47.2 70.8
 175 4.4 3.5 5.3





#69

p-Isopropyltoluene

Concen: 9.926 ppbv

RT: 16.992 min Scan# 4480

Delta R.T. -0.016 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 4140499

Ion Ratio Lower Upper

119 100

134 25.2 20.2 30.4

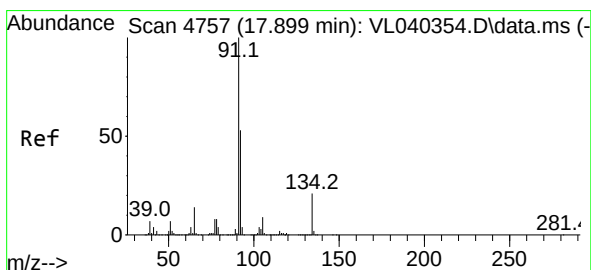
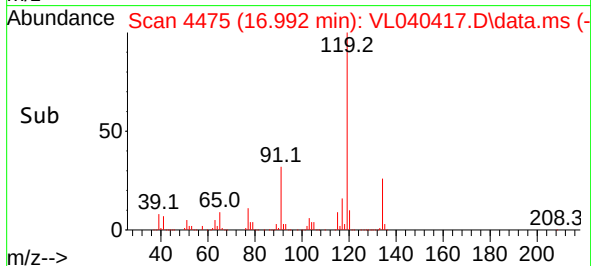
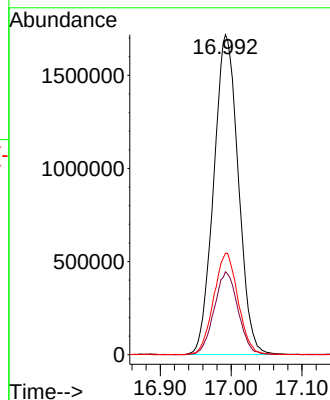
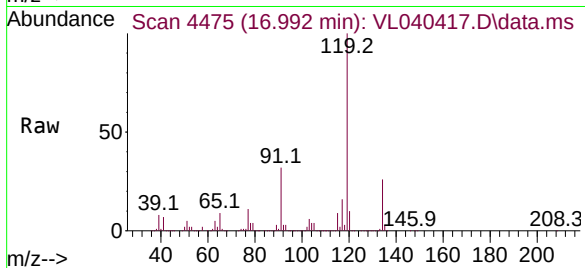
91 31.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023

Supervised By :Mahesh Dadoda 05/15/2023



#70

n-Butylbenzene

Concen: 10.078 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. -0.013 min

Lab File: VL040417.D

Acq: 12 May 2023 10:57

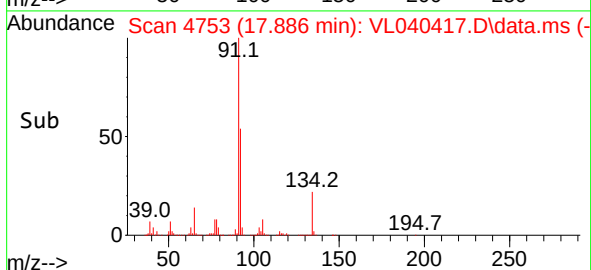
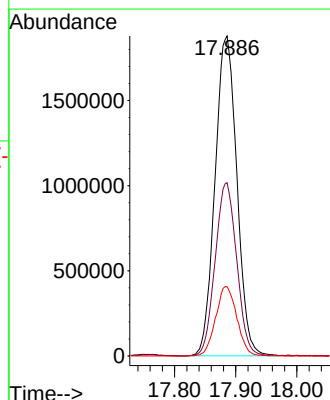
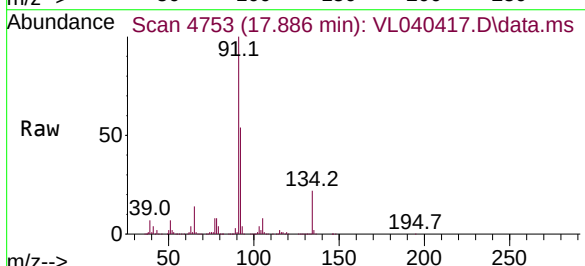
Tgt Ion: 91 Resp: 4659954

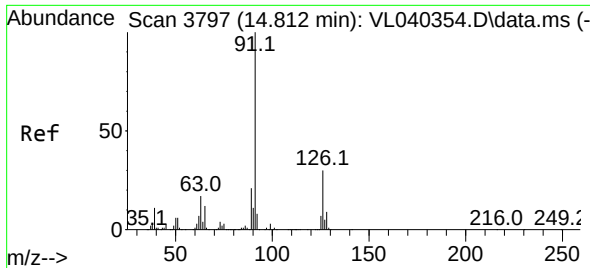
Ion Ratio Lower Upper

91 100

92 53.4 43.0 64.4

134 21.1 16.6 25.0





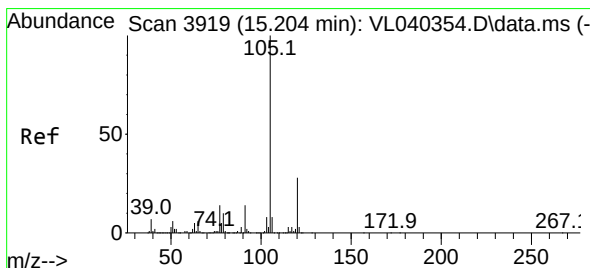
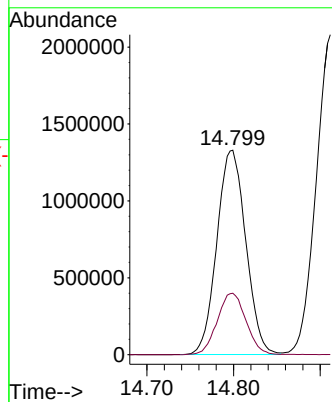
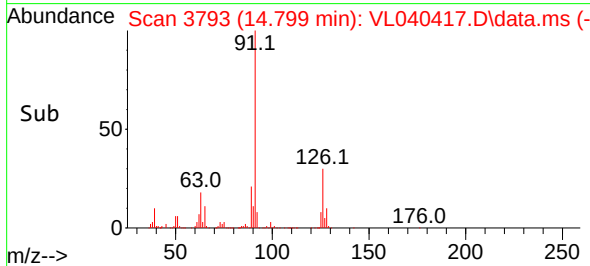
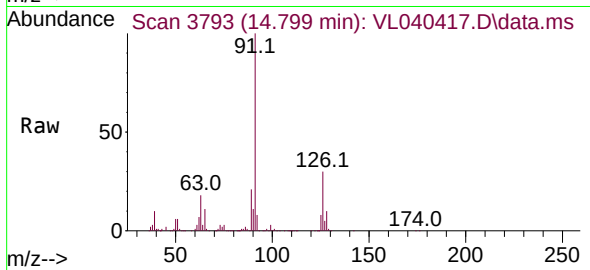
#71
2-Chlorotoluene
Concen: 9.510 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 308628
Ion Ratio Lower Upper
91 100
126 30.0 11.8 47.4

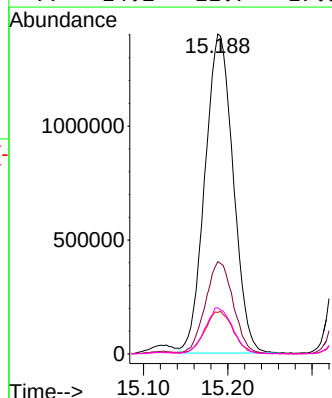
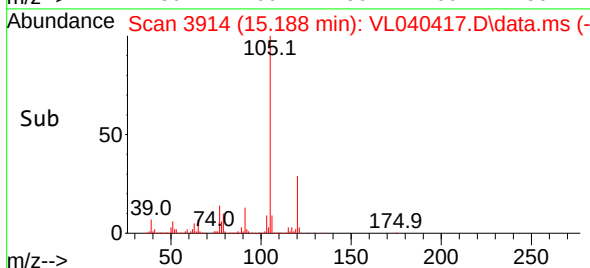
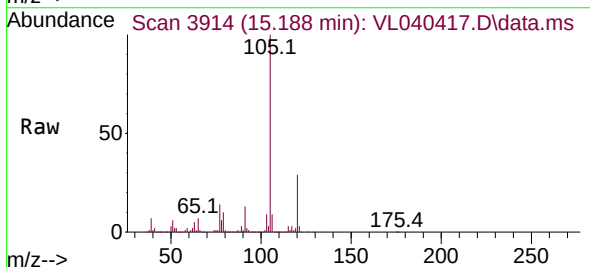
Manual Integrations
APPROVED

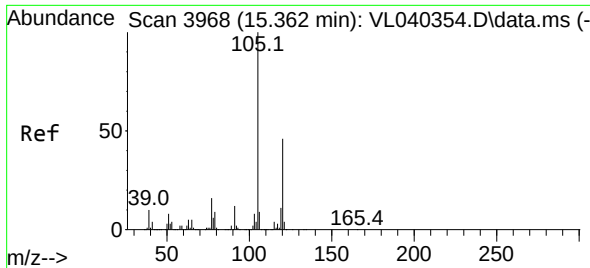
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#72
4-Ethyltoluene
Concen: 10.053 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

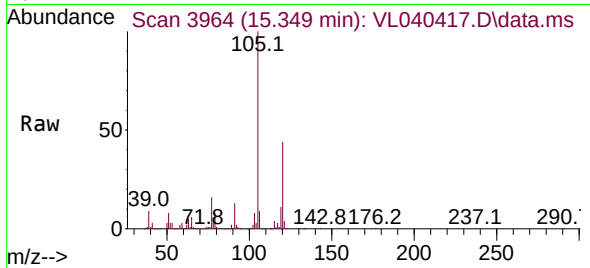
Tgt Ion:105 Resp: 3257606
Ion Ratio Lower Upper
105 100
120 29.5 23.0 34.6
91 13.4 11.3 16.9
77 14.2 11.7 17.5





#73
1,3,5-Trimethylbenzene
Concen: 9.742 ppbv
RT: 15.349 min Scan# 3964
Delta R.T. -0.013 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

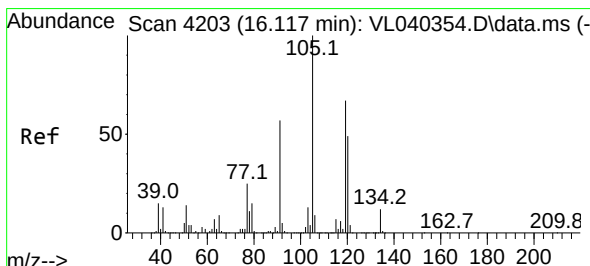
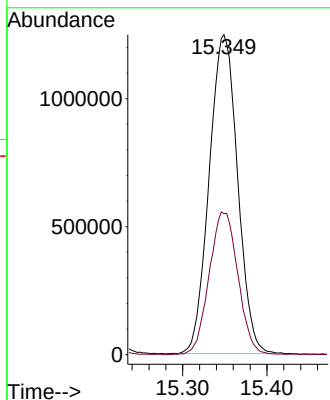
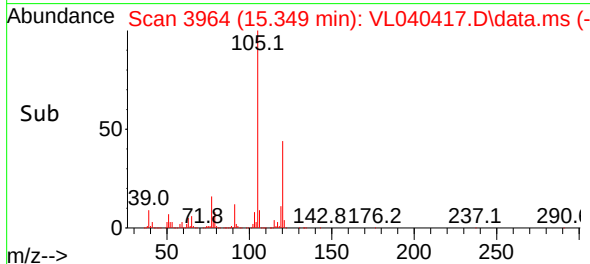
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



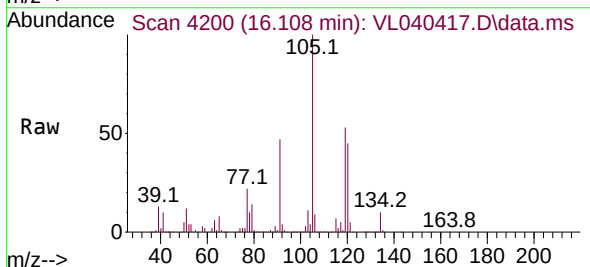
Tgt Ion:105 Resp: 2915970
Ion Ratio Lower Upper
105 100
120 44.1 36.9 55.3

Manual Integrations
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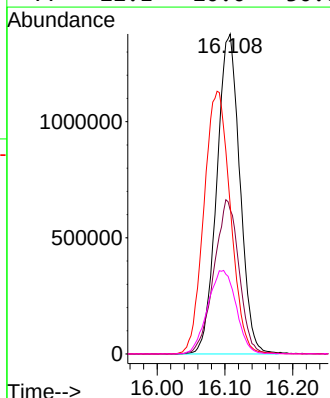
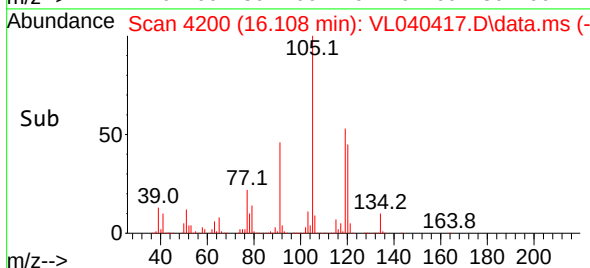
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

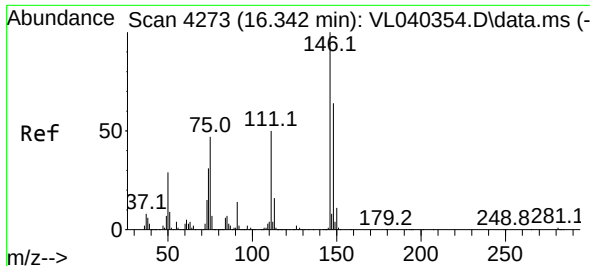


#74
1,2,4-Trimethylbenzene
Concen: 9.517 ppbv
RT: 16.108 min Scan# 4200
Delta R.T. -0.009 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



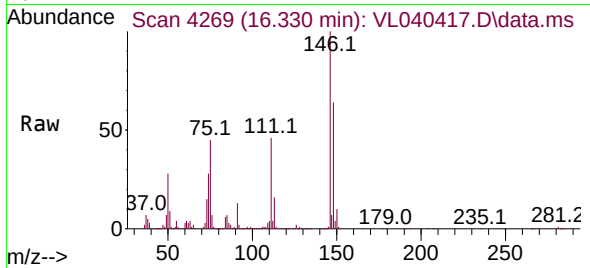
Tgt Ion:105 Resp: 3256063
Ion Ratio Lower Upper
105 100
120 45.0 38.9 58.3
91 46.3 46.0 69.0
77 22.1 20.0 30.0





#75
1,3-Dichlorobenzene
Concen: 9.589 ppbv
RT: 16.330 min Scan# 41
Delta R.T. -0.012 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

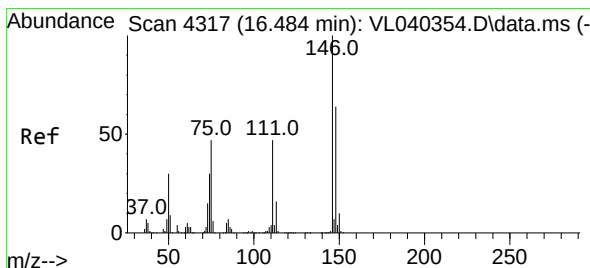
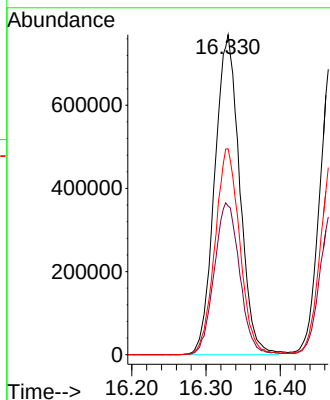
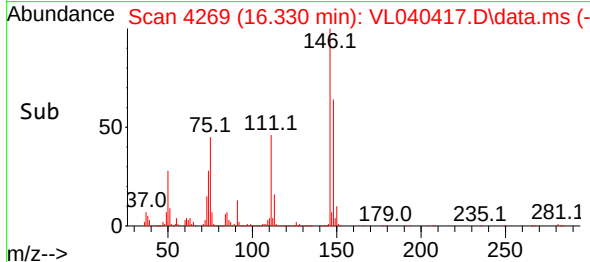
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



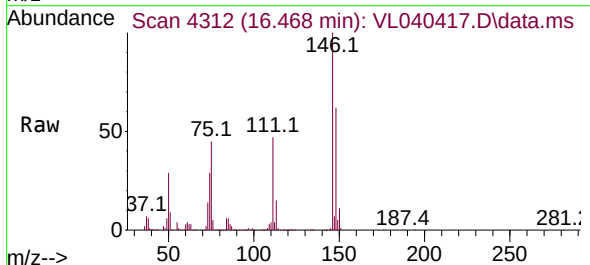
Tgt Ion:146 Resp: 1796939
Ion Ratio Lower Upper
146 100
111 48.5 24.6 74.0
148 64.1 32.1 96.3

Manual Integrations
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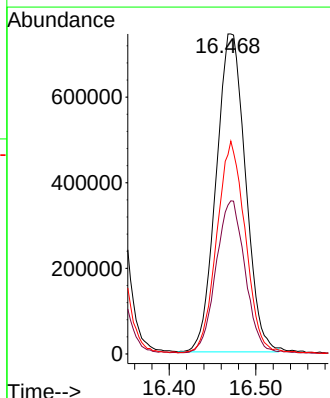
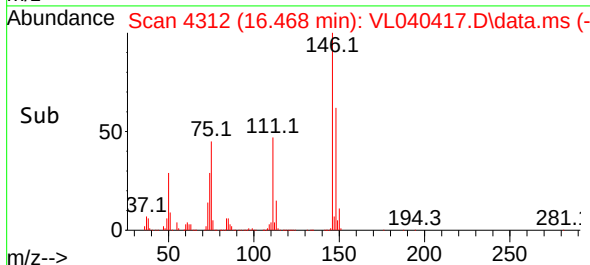
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

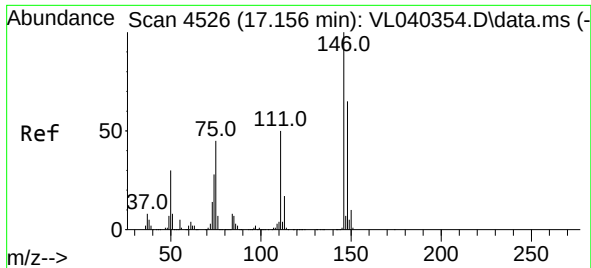


#76
1,4-Dichlorobenzene
Concen: 9.437 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57



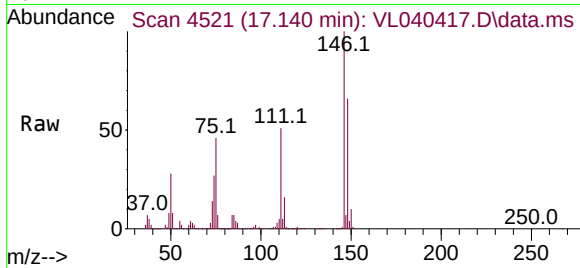
Tgt Ion:146 Resp: 1747207
Ion Ratio Lower Upper
146 100
111 48.7 23.8 71.4
148 65.9 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 9.542 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

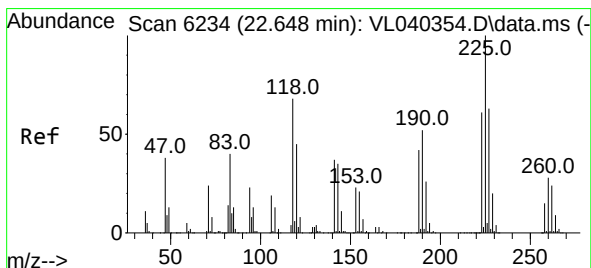
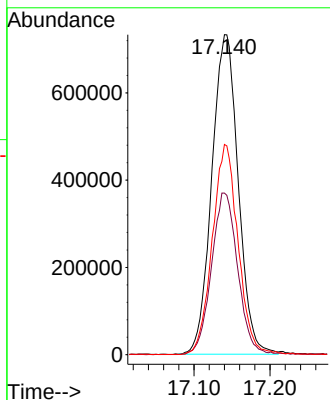
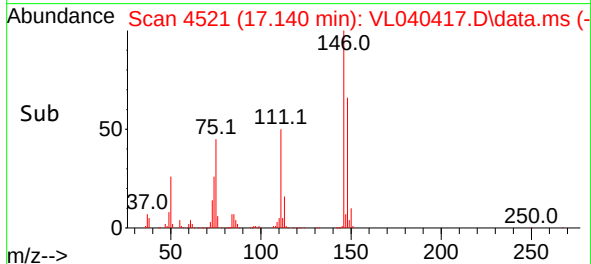
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 176800
Ion Ratio Lower Upper
146 100
111 50.4 25.4 76.0
148 64.2 32.0 96.2

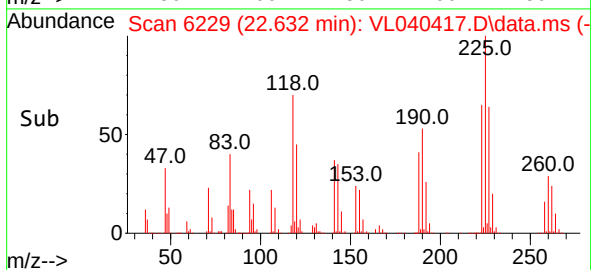
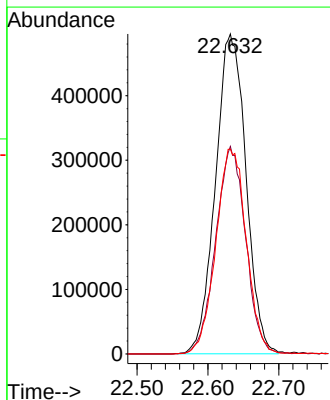
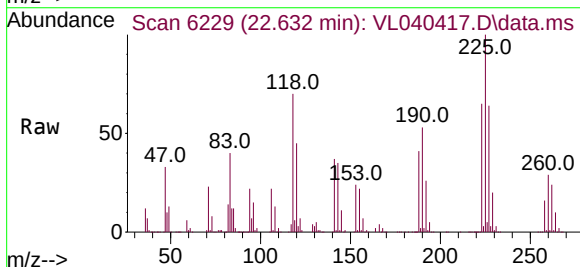
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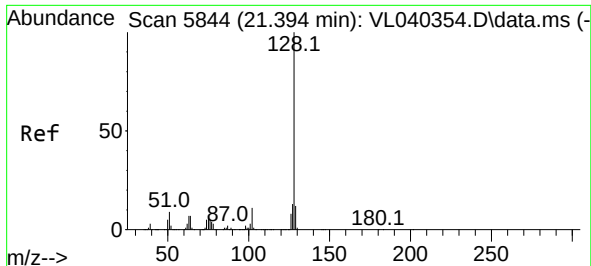
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.960 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

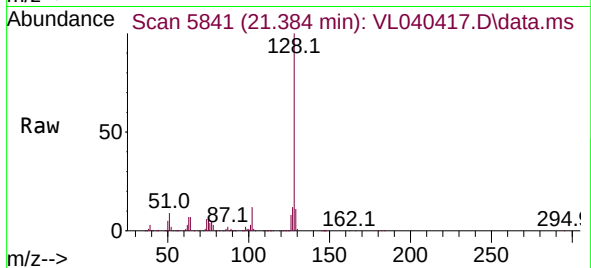
Tgt Ion:225 Resp: 1479489
Ion Ratio Lower Upper
225 100
223 63.8 50.7 76.1
227 64.3 51.0 76.4





#79
Naphthalene
Concen: 14.022 ppbv
RT: 21.384 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

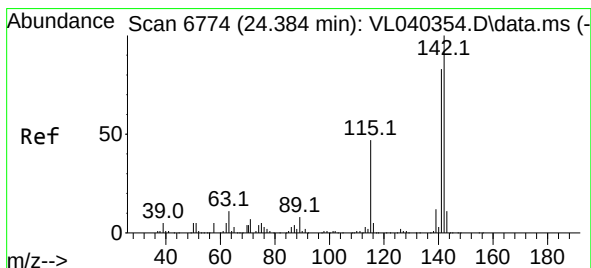
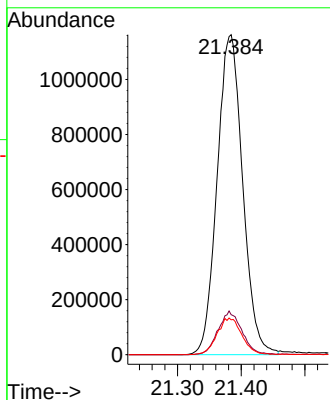
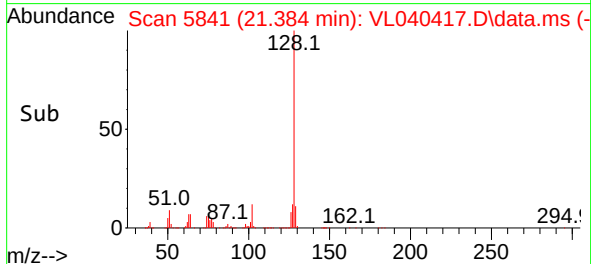
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:128 Resp: 323820
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.9 9.4 14.0

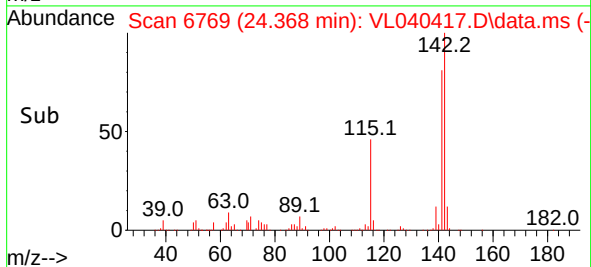
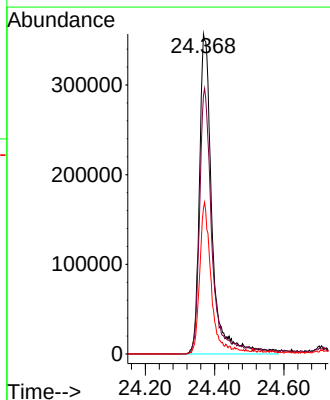
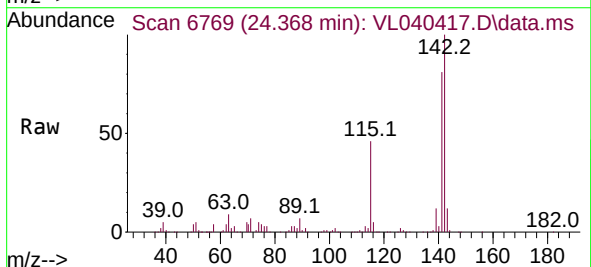
Manual Integrations
APPROVED

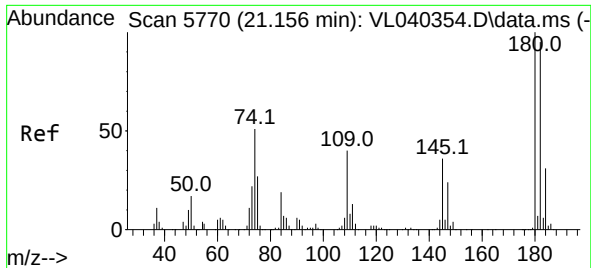
Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023



#80
Naphthalene,2-methyl-
Concen: 13.179 ppbv
RT: 24.368 min Scan# 6769
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

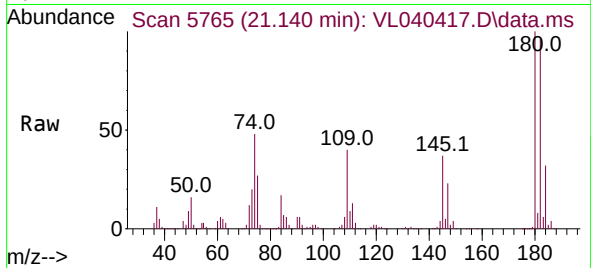
Tgt Ion:142 Resp: 905961
Ion Ratio Lower Upper
142 100
141 83.0 65.1 97.7
115 44.1 36.5 54.7





#81
1,2,4-Trichlorobenzene
Concen: 11.626 ppbv
RT: 21.140 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL040417.D
Acq: 12 May 2023 10:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 164982
Ion Ratio Lower Upper
180 100
182 96.4 77.7 116.5
184 30.5 24.2 36.2

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/14/2023
Supervised By :Mahesh Dadoda 05/15/2023

