

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL073123\
 Data File : VL040582.D
 Acq On : 31 Jul 2023 21:22
 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 08/01/2023
 Supervised By : Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 01:42:20 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	1147688	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2789537	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2762040m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2380986 10.892 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1952873	8.507	ppbv	97
3) Chlorodifluoromethane	2.665	51	1663432	9.144	ppbv	95
4) Chloromethane	2.803	50	627491	8.707	ppbv	96
5) Vinyl Chloride	2.909	62	704712	9.313	ppbv	100
6) Bromomethane	3.108	94	304115	9.522	ppbv	99
7) Chloroethane	3.185	64	259474	9.773	ppbv	98
8) Dichlorotetrafluoroethane	2.845	85	1818315	9.627	ppbv	99
9) Propene	2.681	41	471829	7.576	ppbv	96
10) Heptane	7.574	43	1278919	9.300	ppbv	100
11) Trichlorofluoromethane	3.552	101	1997751	10.785	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.057	101	1394180	10.687	ppbv	94
13) Ethanol	3.230	45	107726	7.950	ppbv	97
14) Bromoethene	3.356	108	571765	10.193	ppbv	99
15) Acetone	3.455	43	1218819	9.226	ppbv	97
16) 1,3-Butadiene	2.973	39	648683	9.733	ppbv	96
17) tert-Butyl alcohol	3.864	59	1406746	10.295	ppbv	100
18) 1,1-Dichloroethene	3.870	96	632168	10.541	ppbv	98
19) Isopropyl Alcohol	3.562	45	767549	10.121	ppbv #	97
20) Methylene Chloride	3.925	84	539331	9.598	ppbv	93
21) Allyl Chloride	3.986	41	727912	9.649	ppbv	94
22) trans-1,2-Dichloroethene	4.436	96	614325	10.382	ppbv	94
23) Vinyl Acetate	4.616	43	1297806	10.312	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1270894	9.948	ppbv	99
25) Ethyl Acetate	5.195	43	2291267	9.110	ppbv	99
26) Hexane	5.201	57	995367	8.519	ppbv	93
27) Carbon Disulfide	4.115	76	1540376	11.208	ppbv	99
28) Methyl tert-Butyl Ether	4.578	73	866058	9.207	ppbv	100
29) Chloroform	5.266	83	1814814	9.364	ppbv	98
30) Cyclohexane	6.597	84	848999	8.732	ppbv	97
31) cis-1,2-Dichloroethene	5.066	61	1051109	9.101	ppbv	93
32) 1,1,1-Trichloroethane	5.992	97	1857876	9.798	ppbv	99
34) 2-Butanone	4.774	43	1357126	9.846	ppbv	98
35) Carbon Tetrachloride	6.484	117	1934161	11.521	ppbv	98
36) Benzene	6.362	78	2075959	9.249	ppbv	97
37) 1,2-Dichloroethane	5.796	62	1384849	10.488	ppbv	97
38) Trichloroethene	7.285	130	859277	10.121	ppbv	92
39) 1,2-Dichloropropane	7.066	63	824222	9.539	ppbv	93
40) 1,4-Dioxane	7.278	88	264186	9.776	ppbv #	20
41) Tetrahydrofuran	5.545	42	752281	9.352	ppbv	98
42) Bromodichloromethane	7.240	83	1985356	10.811	ppbv	98
43) Methyl Methacrylate	7.468	69	873527	10.398	ppbv	96
44) 2,2,4-Trimethylpentane	7.317	57	3502372	9.698	ppbv	95
45) t-1,3-Dichloropropene	8.703	75	566145	10.505	ppbv	97

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Manual Integrations
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Quant Time: Aug 01 01:42:20 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

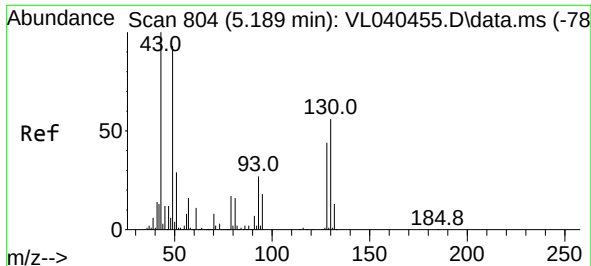
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 01 11:37:09 2023

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

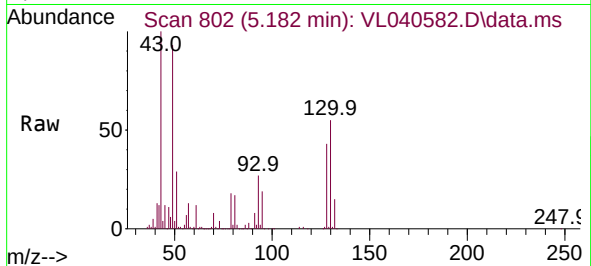
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	686602	9.930	ppbv	95
47) 1,1,2-Trichloroethane	8.893	97	912244	9.569	ppbv	97
48) Dibromochloromethane	9.703	129	1626185	11.033	ppbv	99
49) Bromoform	12.400	173	1350511	11.557	ppbv	100
50) 4-Methyl-2-Pentanone	8.172	43	2134591	10.658	ppbv	96
51) 2-Hexanone	9.542	43	1526069	10.775	ppbv #	95
52) Tetrachloroethene	10.606	164	724642	9.969	ppbv	97
53) Toluene	9.214	91	2452256	10.058	ppbv	98
54) 1,2-Dibromoethane	10.002	107	1183377	9.987	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	1228437	9.931	ppbv	97
57) Chlorobenzene	11.519	112	1999891	9.284	ppbv	96
58) Ethyl Benzene	12.082	91	3440258	9.925	ppbv	96
59) m/p-Xylene	12.365	91	6187287m	20.000	ppbv	
60) o-Xylene	13.053	91	3032022	10.288	ppbv	98
61) Styrene	12.892	104	1431429	10.529	ppbv	97
62) Isopropylbenzene	14.024	105	4361212	9.873	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.040	83	2141806	10.377	ppbv	100
64) n-propylbenzene	14.912	120	1128437	9.874	ppbv	93
65) tert-Butylbenzene	16.085	119	3881193	9.925	ppbv	95
66) Benzyl Chloride	16.320	91	316539	11.442	ppbv	97
67) sec-Butylbenzene	16.632	105	5612051	9.767	ppbv	99
69) p-Isopropyltoluene	16.989	119	4568079	9.621	ppbv	98
70) n-Butylbenzene	17.883	91	5082400	9.598	ppbv	99
71) 2-Chlorotoluene	14.796	91	3410780	10.019	ppbv	98
72) 4-Ethyltoluene	15.188	105	3528480	10.214	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	3081669	10.120	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	3508750	9.883	ppbv	97
75) 1,3-Dichlorobenzene	16.323	146	1991191	9.250	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1961717	9.294	ppbv	98
77) 1,2-Dichlorobenzene	17.137	146	1920120	9.329	ppbv	98
78) Hexachloro-1,3-Butadiene	22.625	225	1381654	7.148	ppbv	100
79) Naphthalene	21.378	128	2849757	9.487	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	807590	6.520	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1670876	8.071	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 804
Delta R.T. -0.020 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

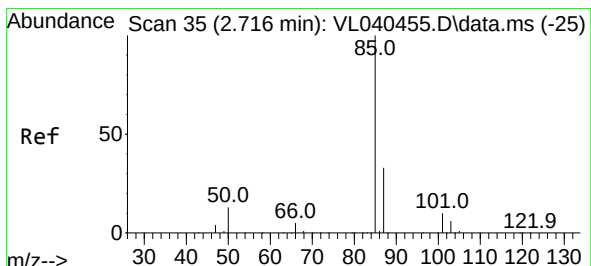
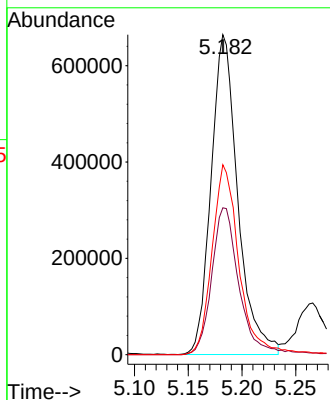
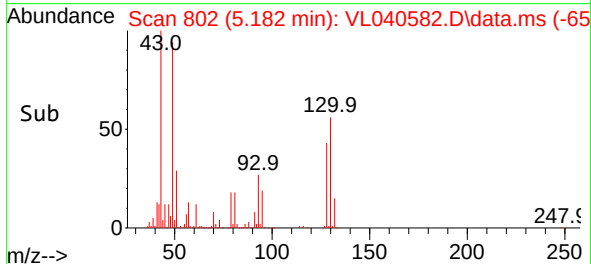
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



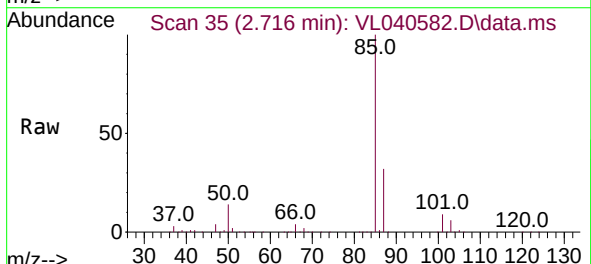
Tgt Ion: 49 Resp: 114768
Ion Ratio Lower Upper
49 100
128 47.2 25.1 75.4
130 60.8 31.6 94.7

Manual Integrations
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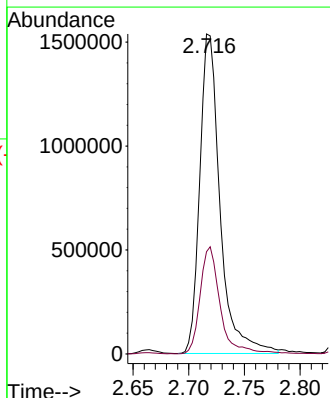
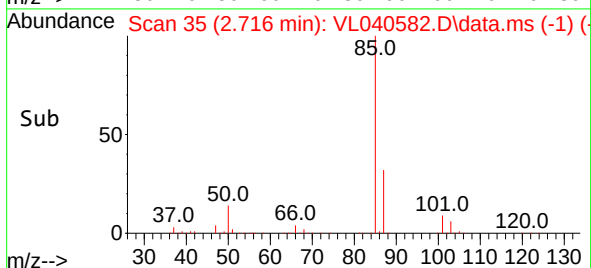
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

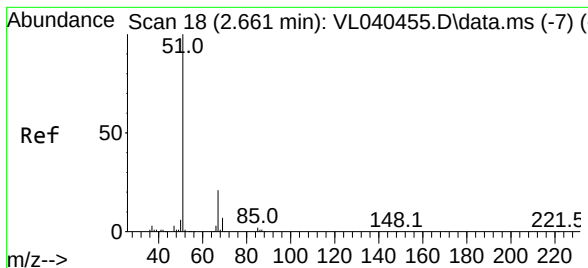


#2
Dichlorodifluoromethane
Concen: 8.507 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.023 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



Tgt Ion: 85 Resp: 1952873
Ion Ratio Lower Upper
85 100
87 31.9 26.8 40.2





#3

Chlorodifluoromethane

Concen: 9.144 ppbv

RT: 2.665 min Scan# 19

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 51 Resp: 166343

Ion Ratio Lower Upper

51 100

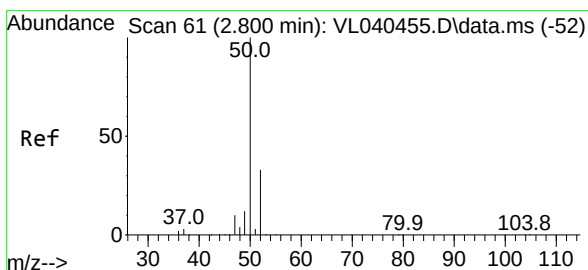
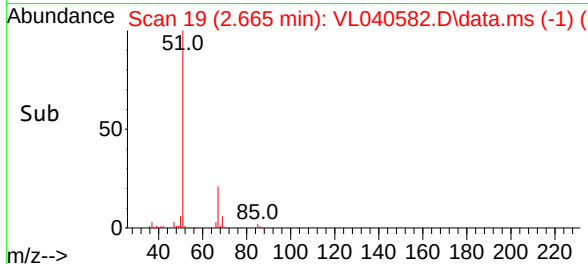
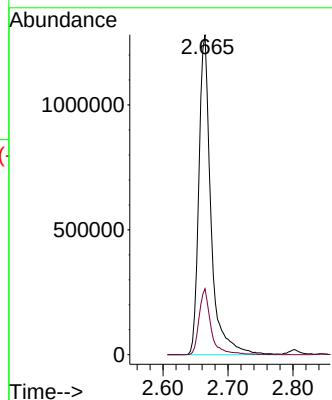
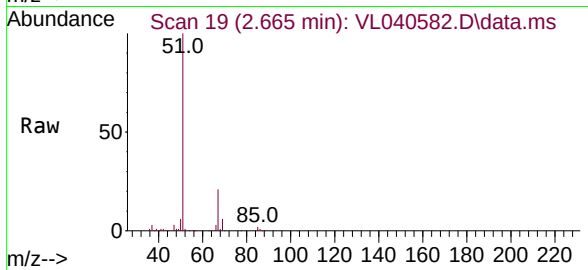
67 20.3 14.6 21.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#4

Chloromethane

Concen: 8.707 ppbv

RT: 2.803 min Scan# 62

Delta R.T. -0.019 min

Lab File: VL040582.D

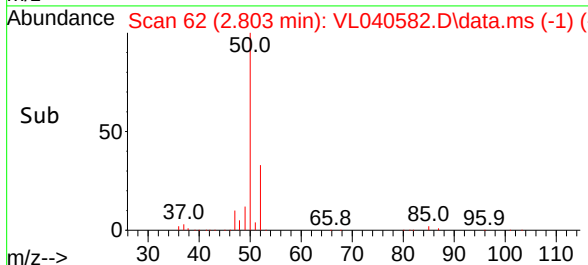
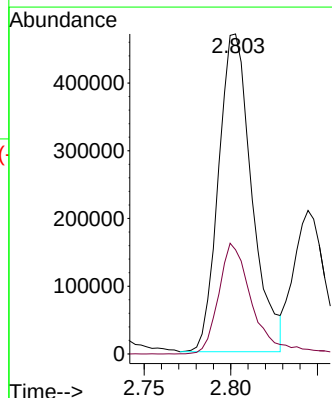
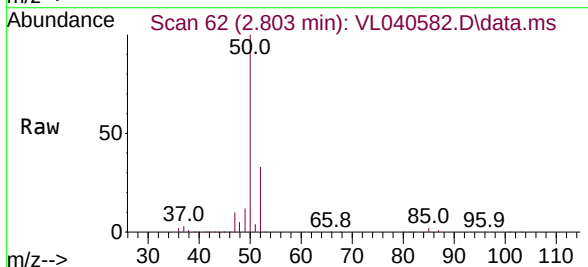
Acq: 31 Jul 2023 21:22

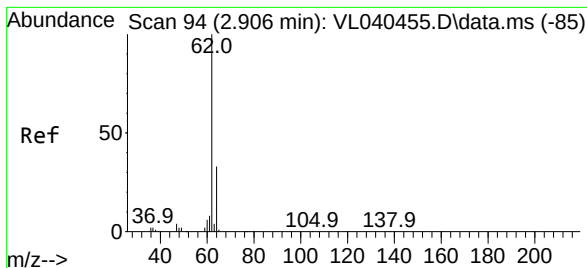
Tgt Ion: 50 Resp: 627491

Ion Ratio Lower Upper

50 100

52 32.8 24.4 36.6





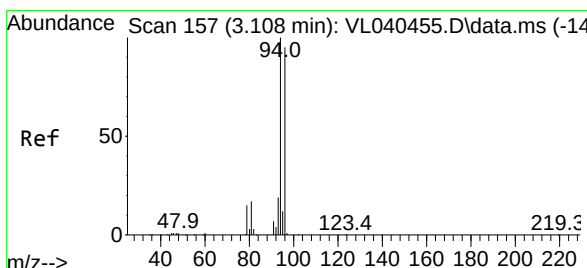
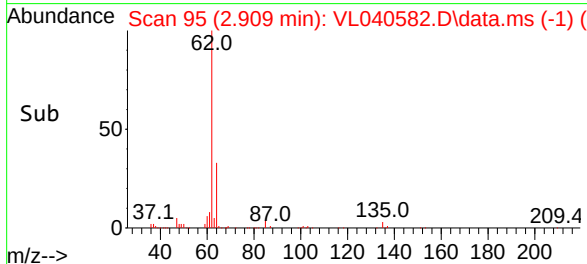
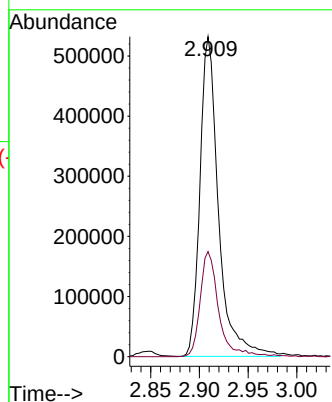
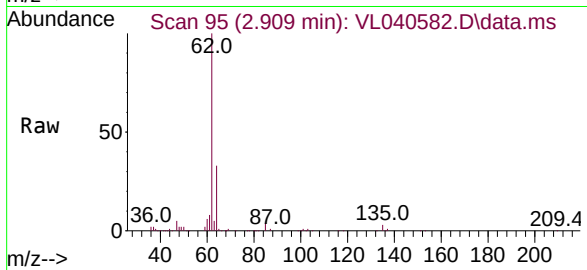
#5
 Vinyl Chloride
 Concen: 9.313 ppbv
 RT: 2.909 min Scan# 95
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 704712
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.4 39.6

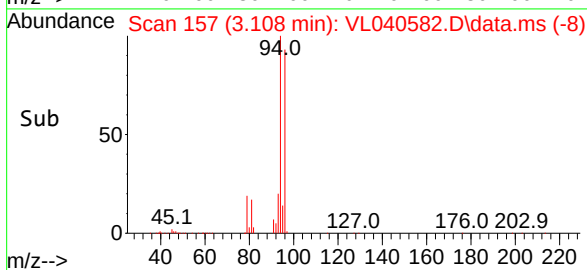
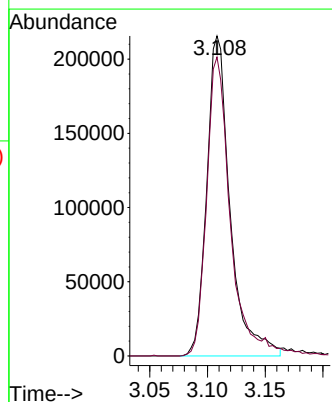
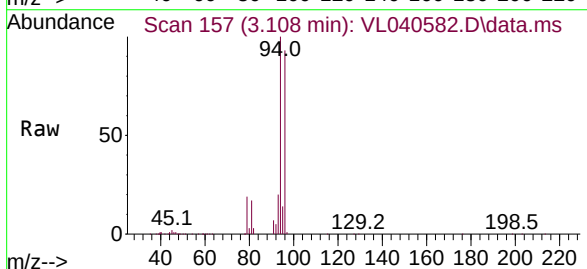
Manual Integrations
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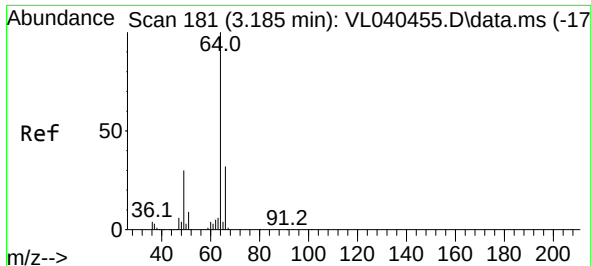
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#6
 Bromomethane
 Concen: 9.522 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

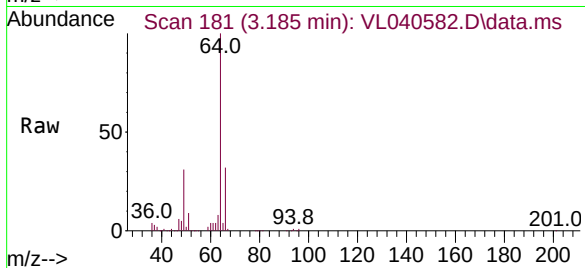
Tgt Ion: 94 Resp: 304115
 Ion Ratio Lower Upper
 94 100
 96 93.4 75.7 113.5





#7
Chloroethane
Concen: 9.773 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

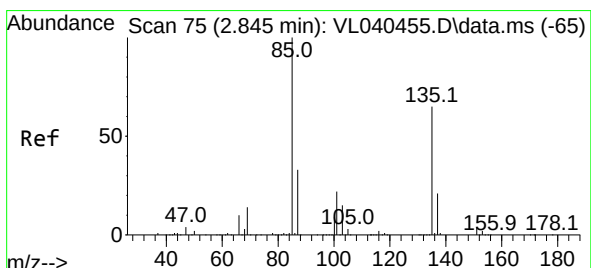
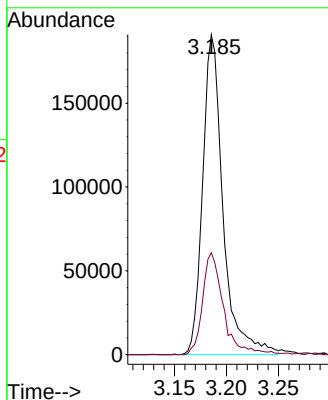
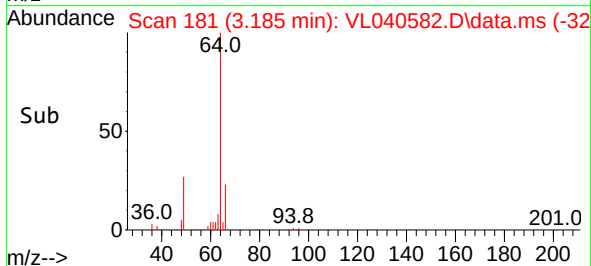
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 259474
Ion Ratio Lower Upper
64 100
66 31.9 24.4 36.6

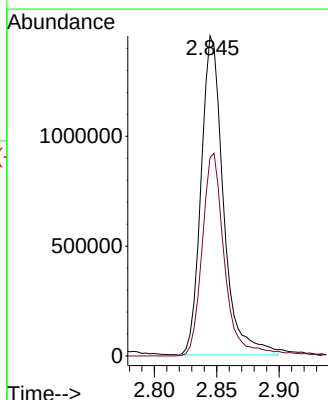
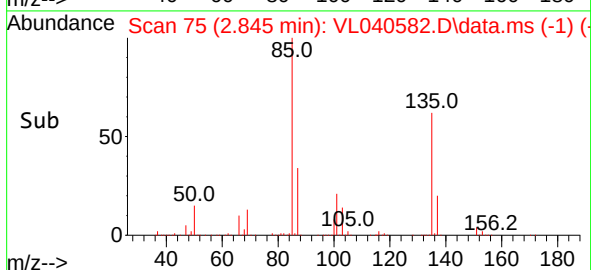
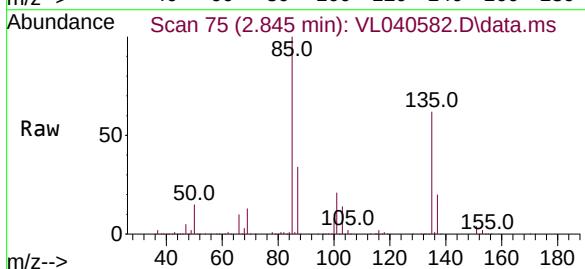
Manual Integrations
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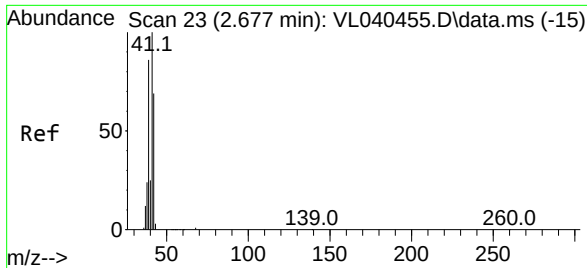
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#8
Dichlorotetrafluoroethane
Concen: 9.627 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.023 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

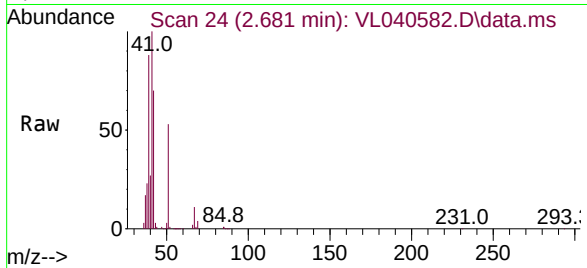
Tgt Ion: 85 Resp: 1818315
Ion Ratio Lower Upper
85 100
135 64.9 52.4 78.6





#9
 Propene
 Concen: 7.576 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. -0.023 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

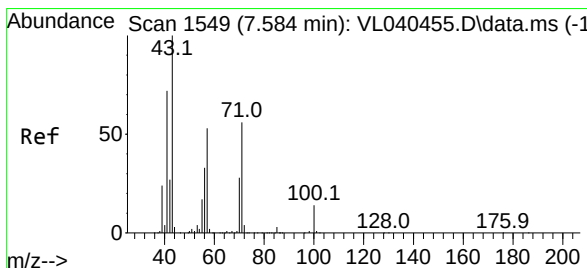
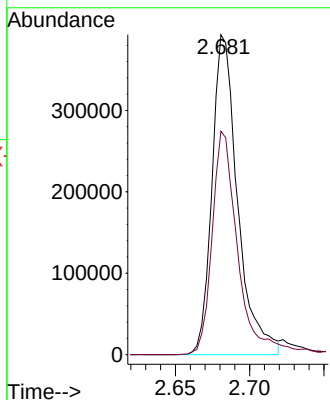
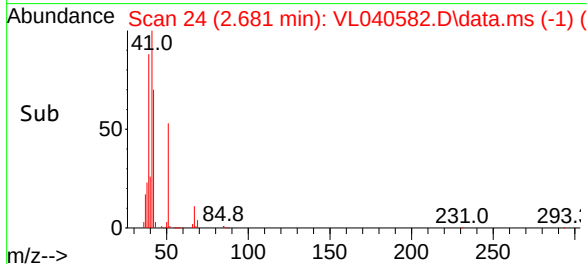
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



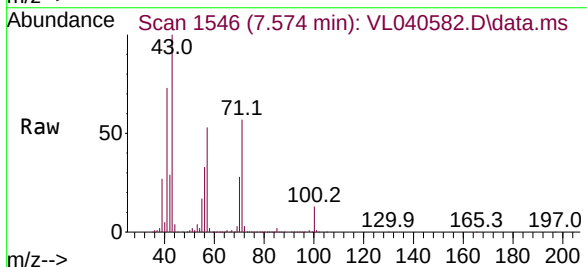
Tgt Ion: 41 Resp: 471829
 Ion Ratio Lower Upper
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 42 71.7 55.0 82.6

Manual Integrations
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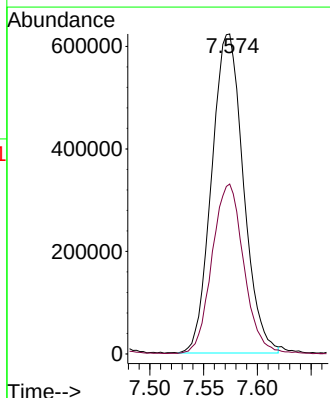
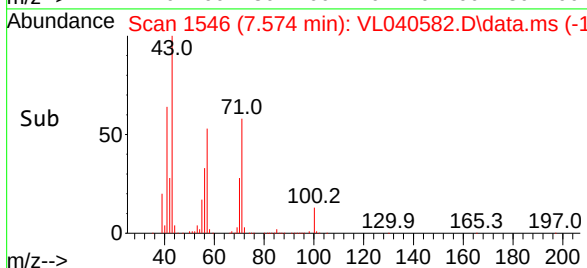
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

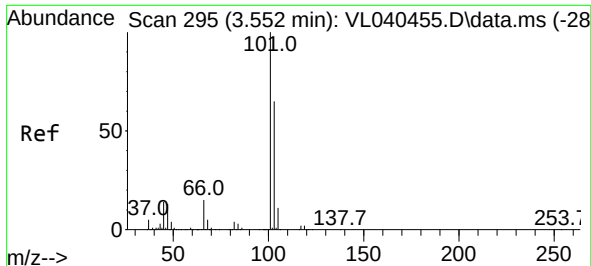


#10
 Heptane
 Concen: 9.300 ppbv
 RT: 7.574 min Scan# 1546
 Delta R.T. -0.016 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22



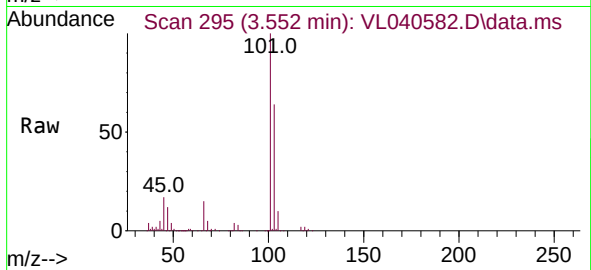
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 Ion Ratio Lower Upper
 43 100
 57 53.5 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 10.785 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

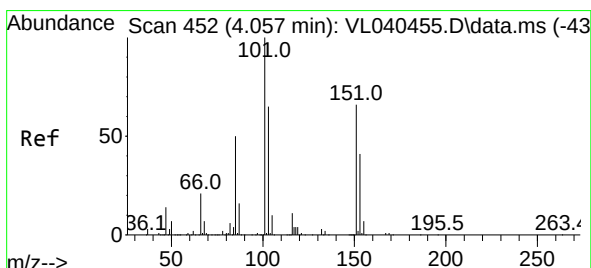
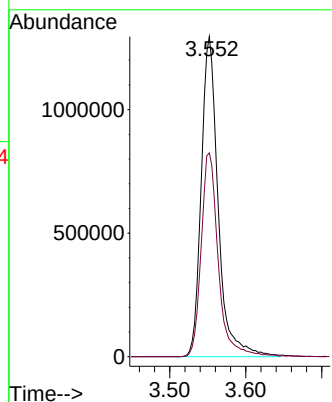
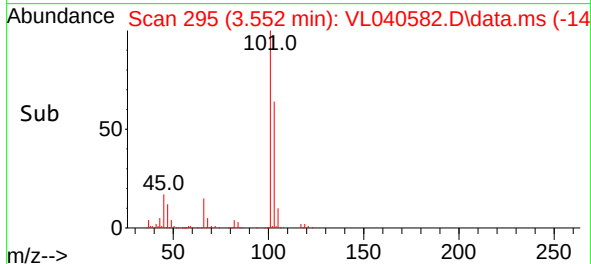
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



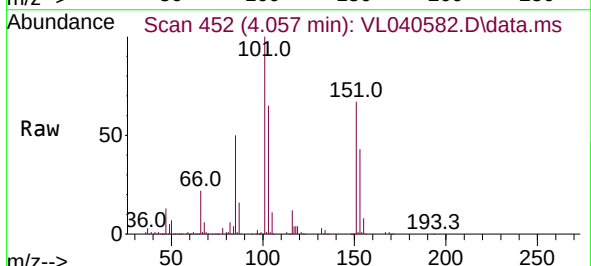
Tgt Ion:101 Resp: 199775
 Ion Ratio Lower Upper
 101 100
 103 63.7 53.4 80.0

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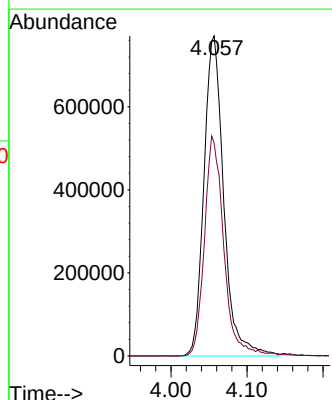
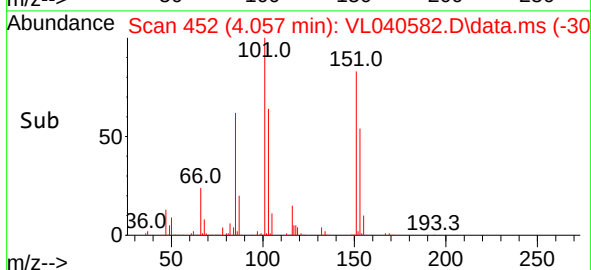
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

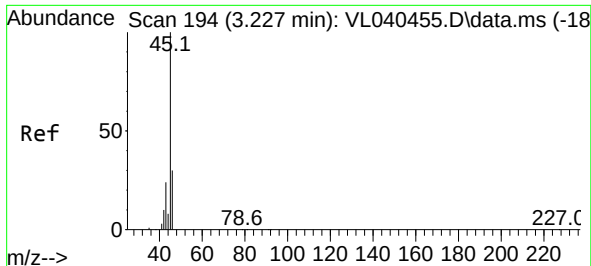


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.687 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.016 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22



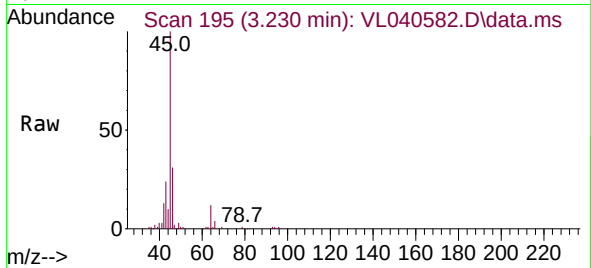
Tgt Ion:101 Resp: 1394180
 Ion Ratio Lower Upper
 101 100
 151 67.4 58.2 87.4





#13
Ethanol
Concen: 7.950 ppbv
RT: 3.230 min Scan# 194
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

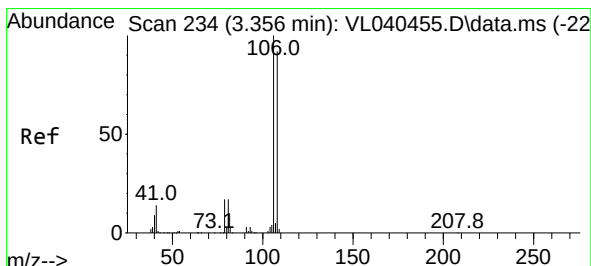
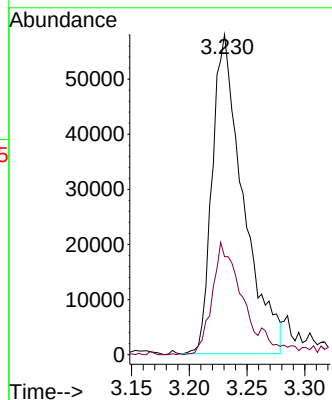
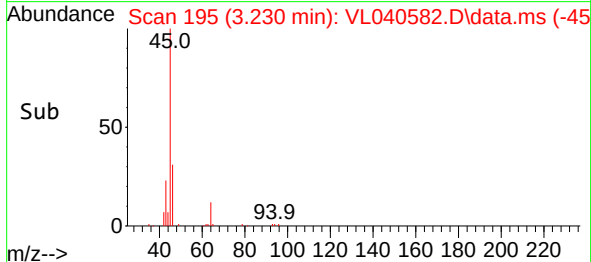
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 107720
Ion Ratio Lower Upper
45 100
46 36.1 15.3 61.1

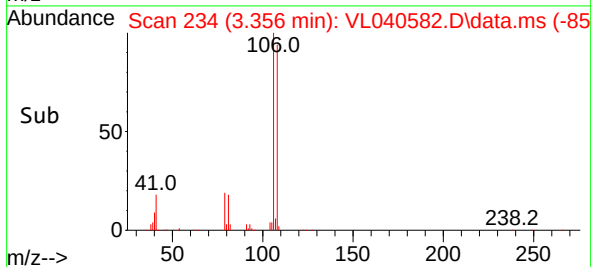
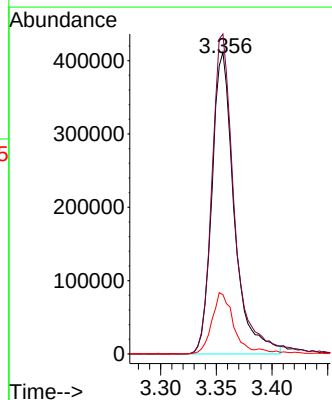
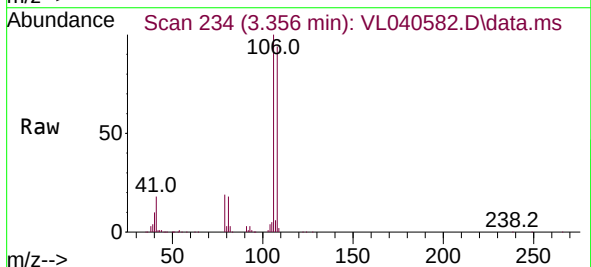
Manual Integrations
APPROVED

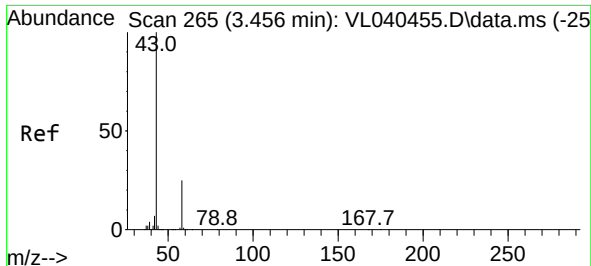
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#14
Bromoethene
Concen: 10.193 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

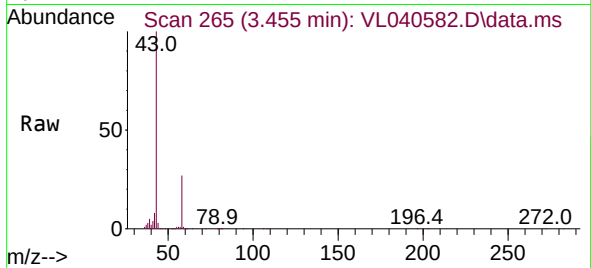
Tgt Ion:108 Resp: 571765
Ion Ratio Lower Upper
108 100
106 108.9 87.2 130.8
79 21.1 15.3 22.9





#15
Acetone
Concen: 9.226 ppbv
RT: 3.455 min Scan# 20
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

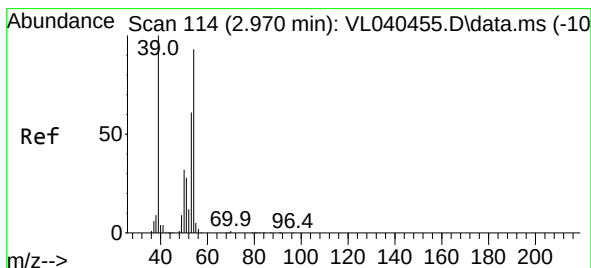
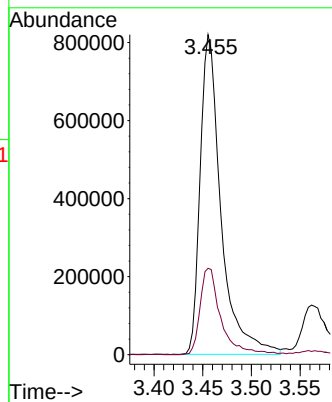
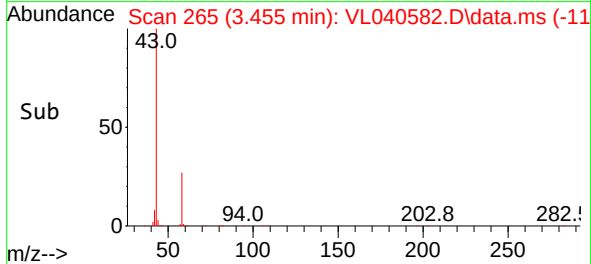
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1218819
Ion Ratio Lower Upper
43 100
58 27.2 22.9 34.3

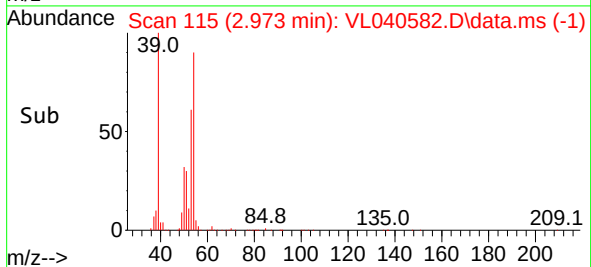
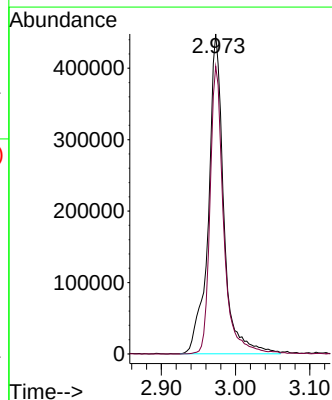
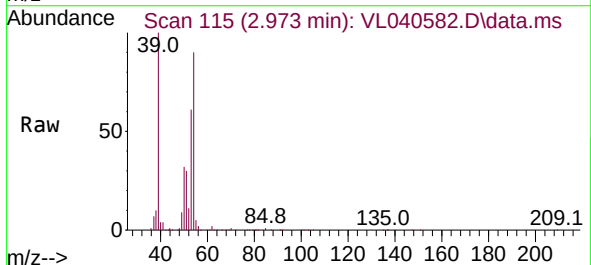
Manual Integrations
APPROVED

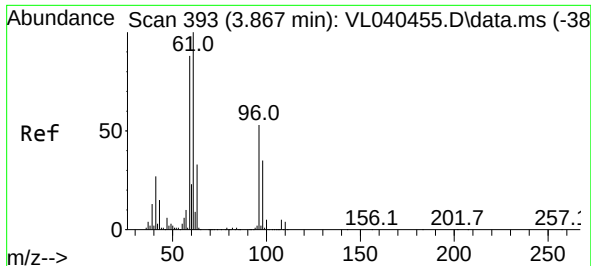
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
1,3-Butadiene
Concen: 9.733 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Tgt Ion: 39 Resp: 648683
Ion Ratio Lower Upper
39 100
54 79.6 66.6 100.0





#17

tert-Butyl alcohol

Concen: 10.295 ppbv

RT: 3.864 min Scan# 393

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 59 Resp: 1406740

Ion Ratio Lower Upper

59 100

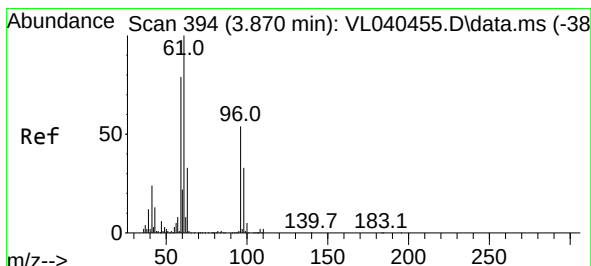
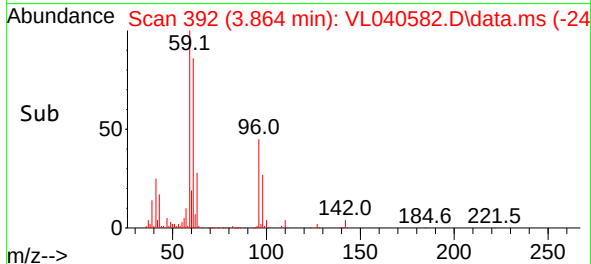
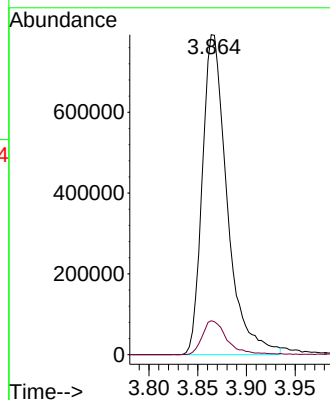
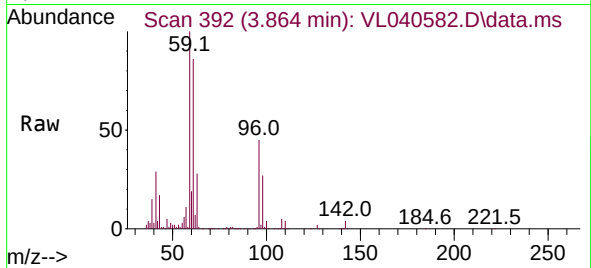
57 10.8 8.7 13.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#18

1,1-Dichloroethene

Concen: 10.541 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

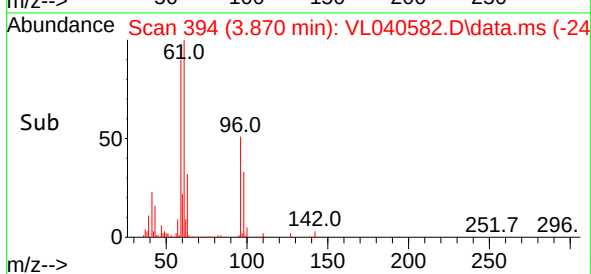
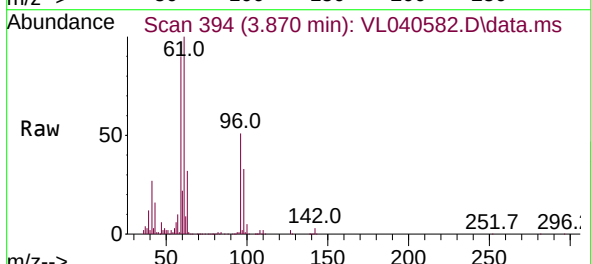
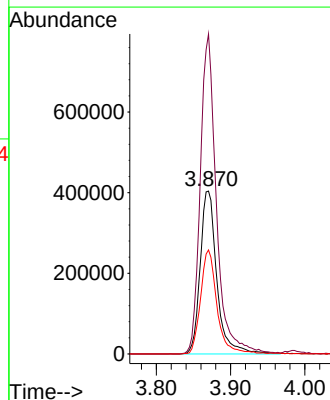
Tgt Ion: 96 Resp: 632168

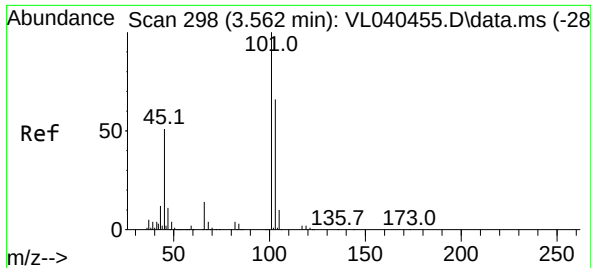
Ion Ratio Lower Upper

96 100

61 196.4 154.4 231.6

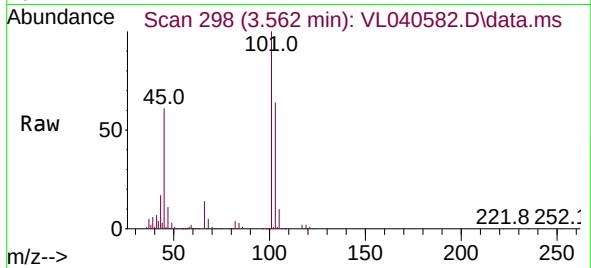
98 63.9 50.0 75.0





#19
Isopropyl Alcohol
Concen: 10.121 ppbv
RT: 3.562 min Scan# 298
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

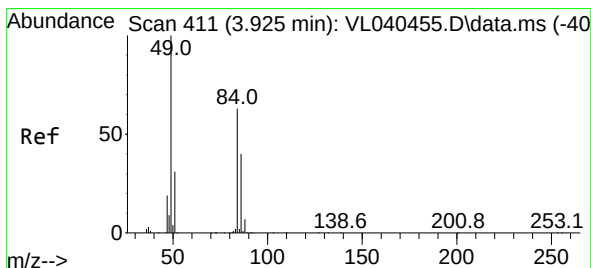
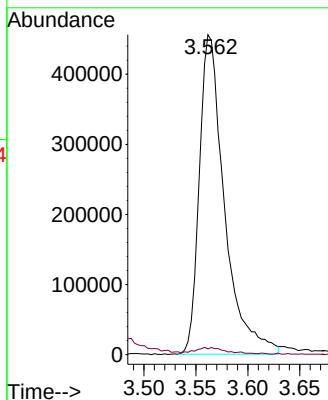
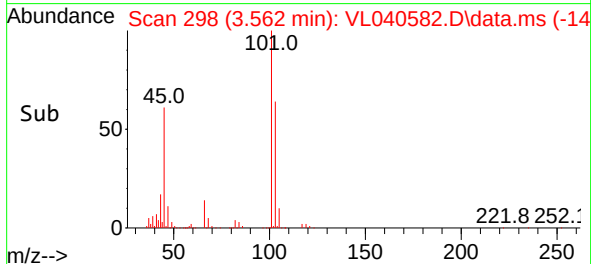
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



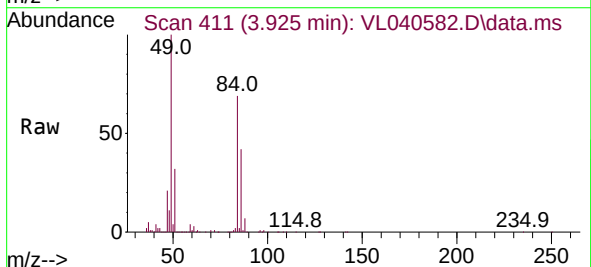
Tgt Ion: 45 Resp: 767549
Ion Ratio Lower Upper
45 100
58 2.4 1.1 1.7

Manual Integrations
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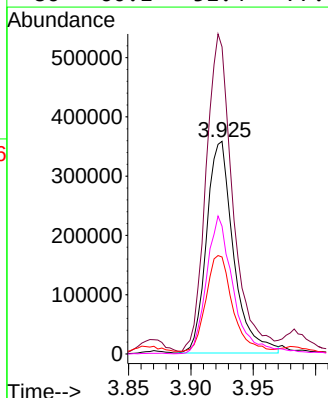
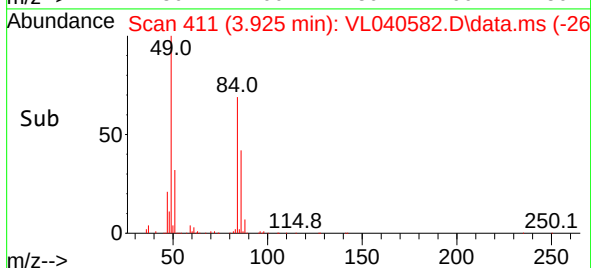
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

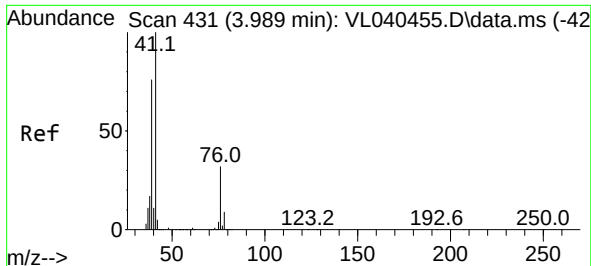


#20
Methylene Chloride
Concen: 9.598 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



Tgt Ion: 84 Resp: 539331
Ion Ratio Lower Upper
84 100
49 143.7 123.4 185.2
51 44.5 38.3 57.5
86 60.1 51.4 77.0





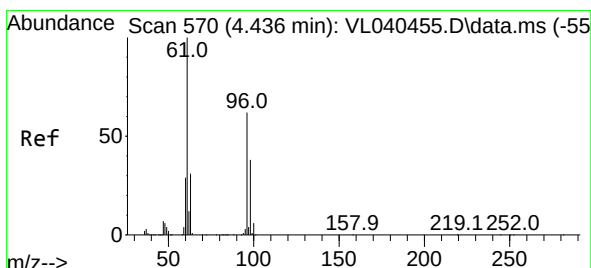
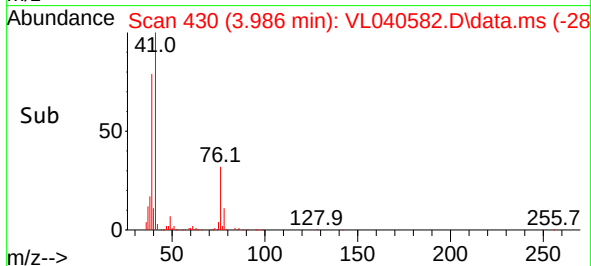
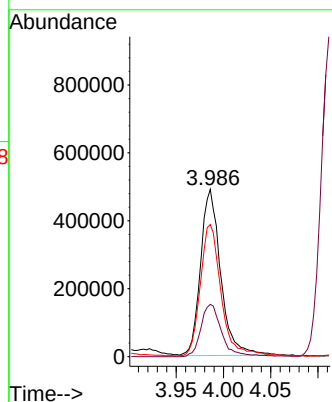
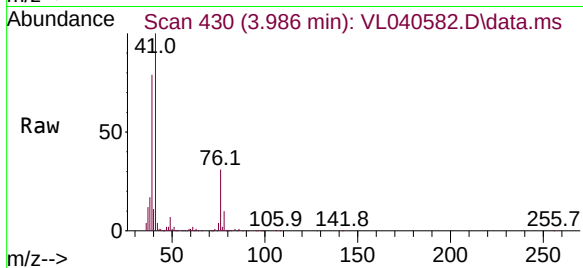
#21
 Allyl Chloride
 Concen: 9.649 ppbv
 RT: 3.986 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 727912
 Ion Ratio Lower Upper
 41 100
 76 32.5 24.8 37.2
 39 82.5 60.6 91.0

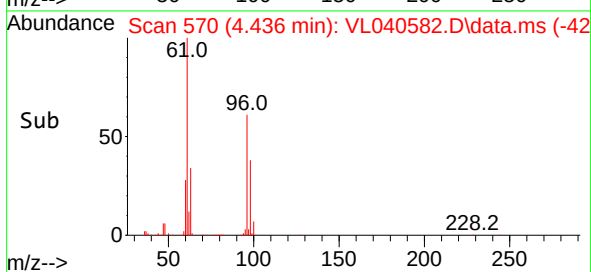
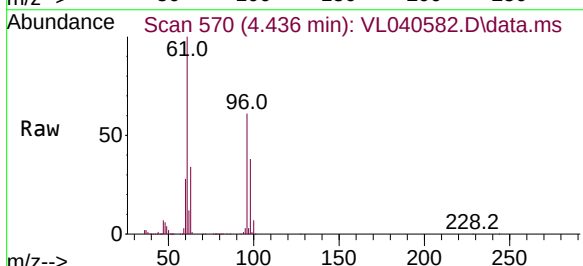
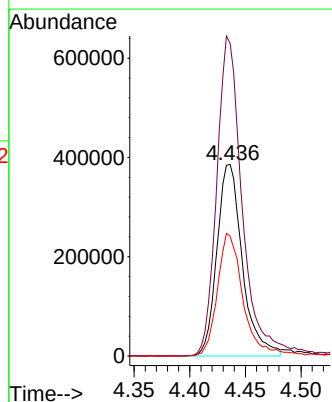
Manual Integrations
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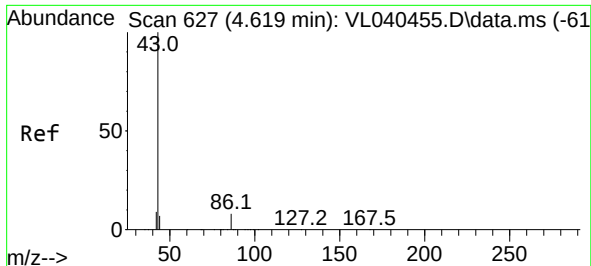
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.382 ppbv
 RT: 4.436 min Scan# 570
 Delta R.T. -0.016 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

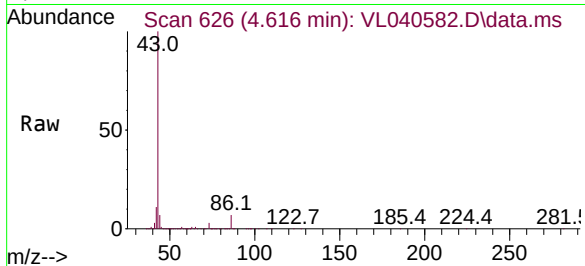
Tgt Ion: 96 Resp: 614325
 Ion Ratio Lower Upper
 96 100
 61 163.3 137.7 206.5
 98 62.5 52.9 79.3





#23
 Vinyl Acetate
 Concen: 10.312 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

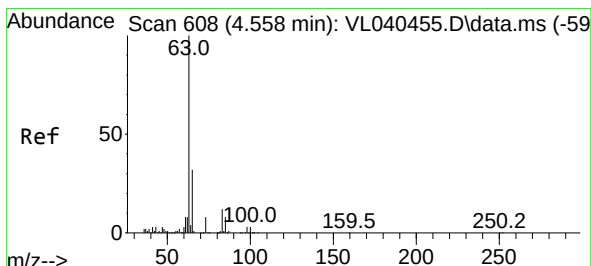
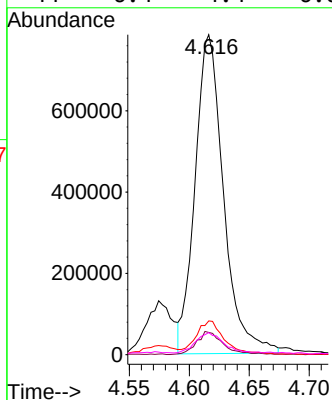
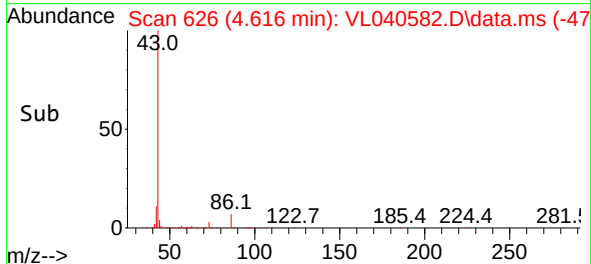
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 43 Resp: 1297800
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.6 8.4
 42 10.5 7.4 11.2
 44 6.4 4.4 6.6

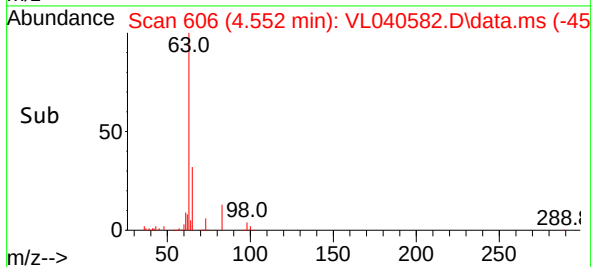
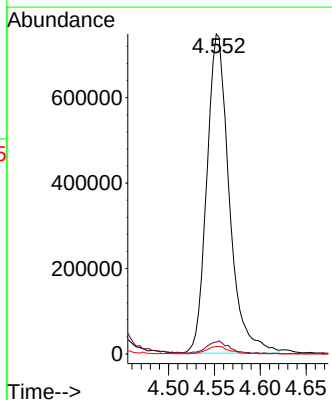
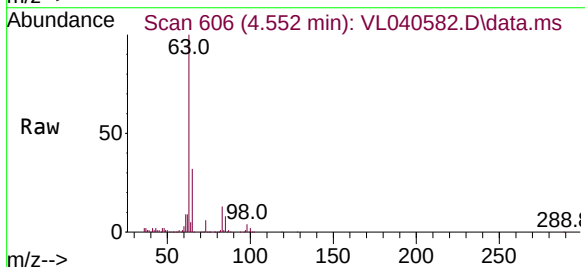
Manual Integrations
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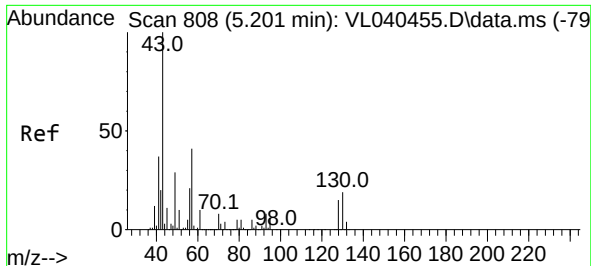
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#24
 1,1-Dichloroethane
 Concen: 9.948 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

Tgt Ion: 63 Resp: 1270894
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.8 5.5
 100 2.3 1.4 4.0





#25

Ethyl Acetate

Concen: 9.110 ppbv

RT: 5.195 min Scan# 806

Delta R.T. -0.016 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 43 Resp: 229126

Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.4

61 10.0 8.3 12.5

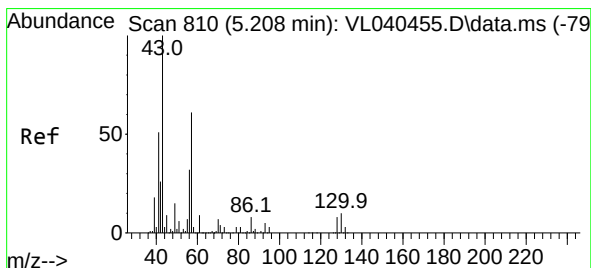
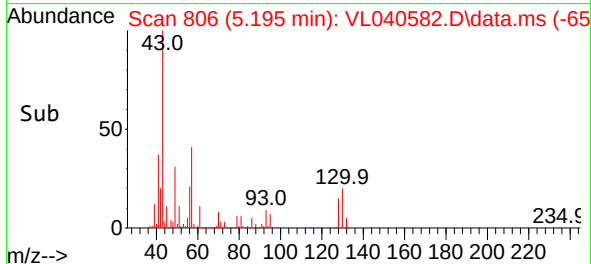
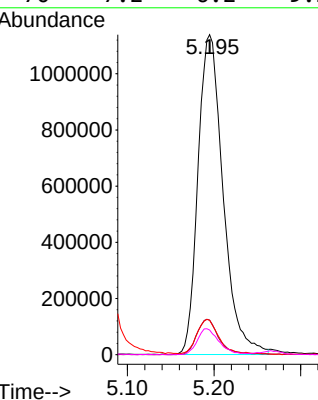
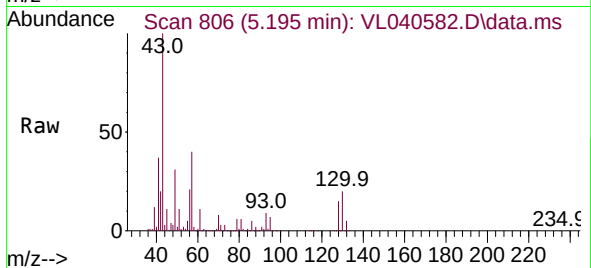
70 7.2 6.2 9.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#26

Hexane

Concen: 8.519 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Tgt Ion: 57 Resp: 995367

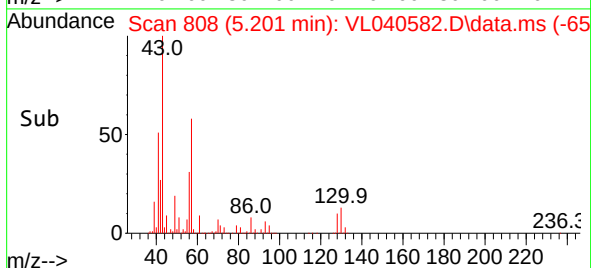
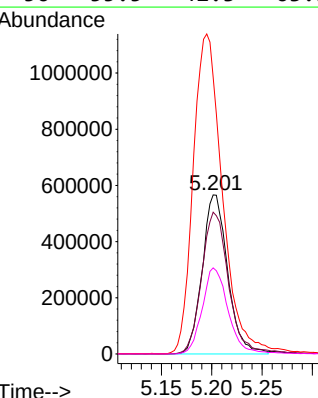
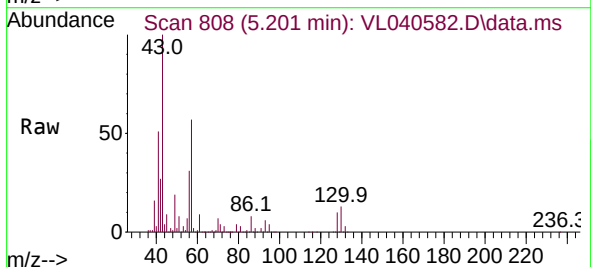
Ion Ratio Lower Upper

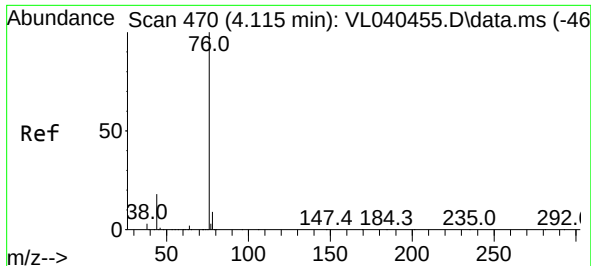
57 100

41 95.7 69.5 104.3

43 233.7 177.1 265.7

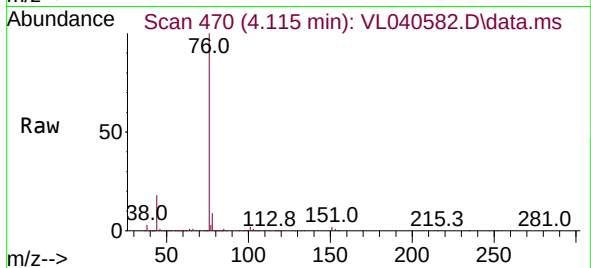
56 55.5 42.3 63.5





#27
Carbon Disulfide
Concen: 11.208 ppbv
RT: 4.115 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

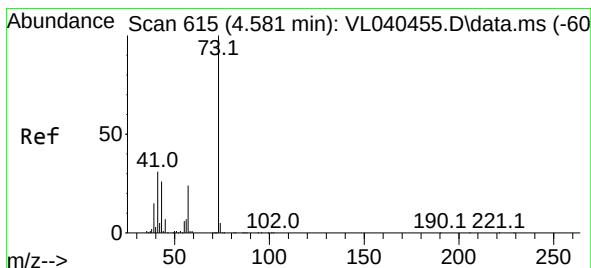
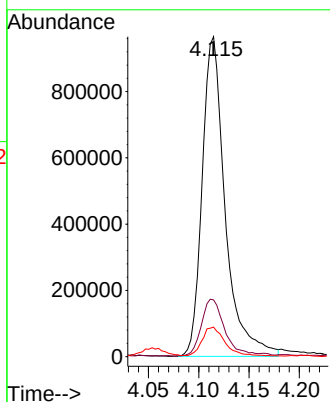
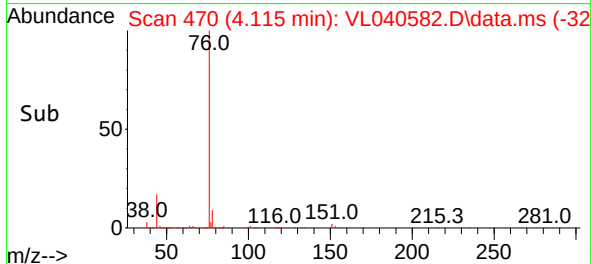
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1540370
Ion Ratio Lower Upper
76 100
44 19.2 15.1 22.7
78 9.5 7.5 11.3

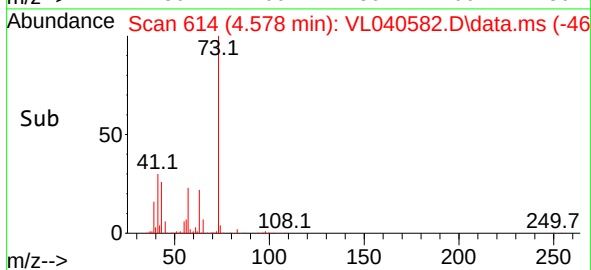
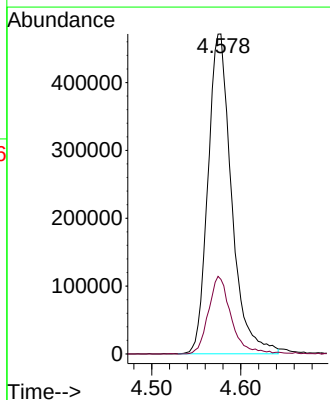
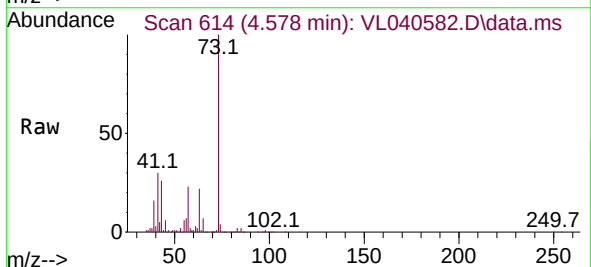
Manual Integrations
APPROVED

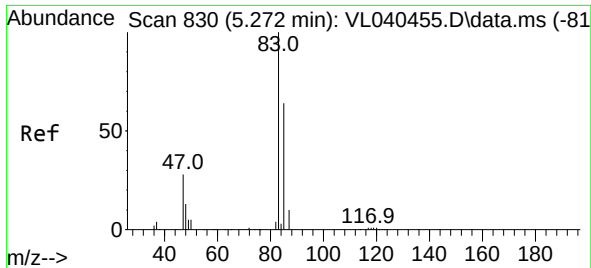
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#28
Methyl tert-Butyl Ether
Concen: 9.207 ppbv
RT: 4.578 min Scan# 614
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Tgt Ion: 73 Resp: 866058
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2





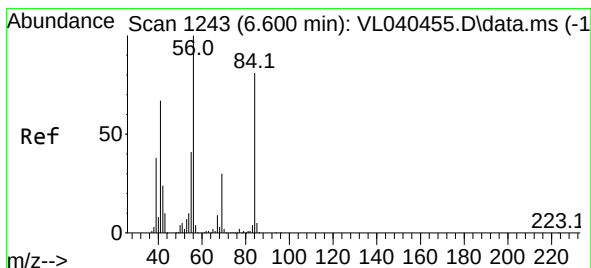
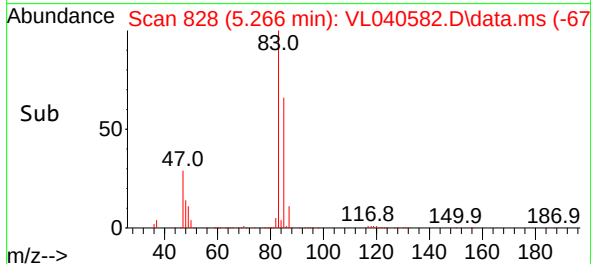
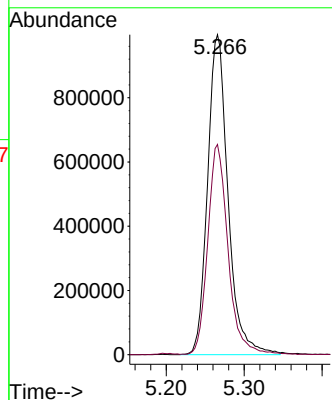
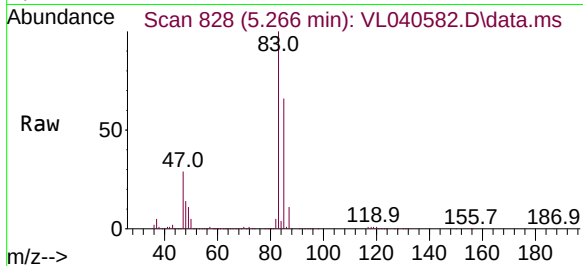
#29
Chloroform
Concen: 9.364 ppbv
RT: 5.266 min Scan# 81
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1814814
Ion Ratio Lower Upper
83 100
85 65.6 51.1 76.7

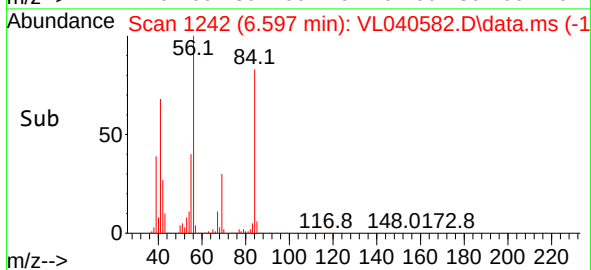
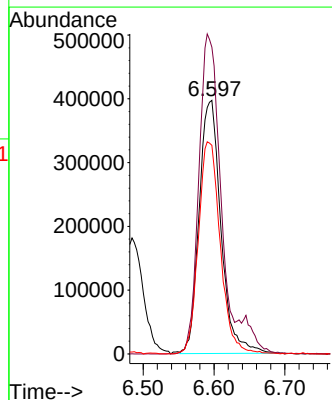
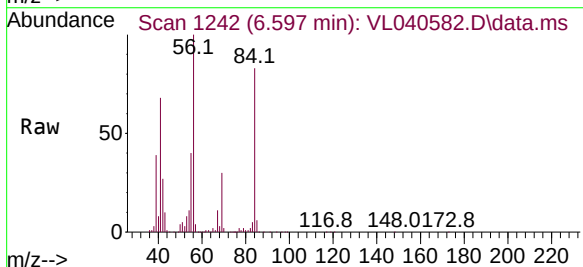
Manual Integrations
APPROVED

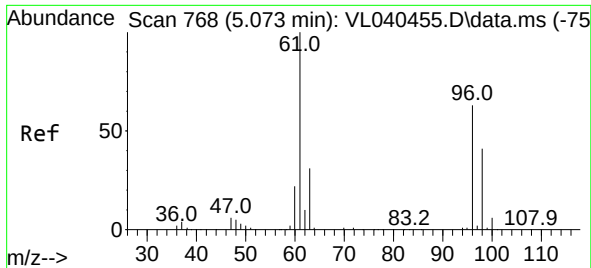
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#30
Cyclohexane
Concen: 8.732 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. -0.013 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

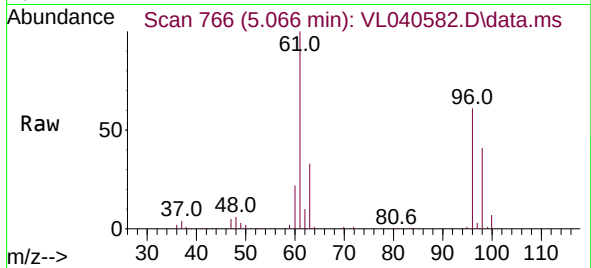
Tgt Ion: 84 Resp: 848999
Ion Ratio Lower Upper
84 100
56 133.1 108.7 163.1
41 83.8 64.5 96.7





#31
 cis-1,2-Dichloroethene
 Concen: 9.101 ppbv
 RT: 5.066 min Scan# 766
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

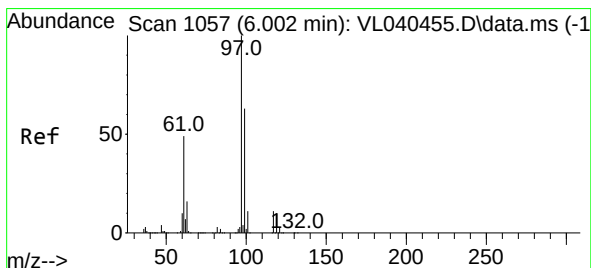
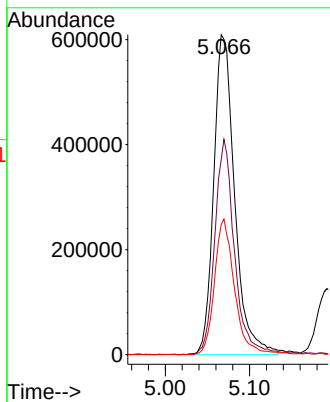
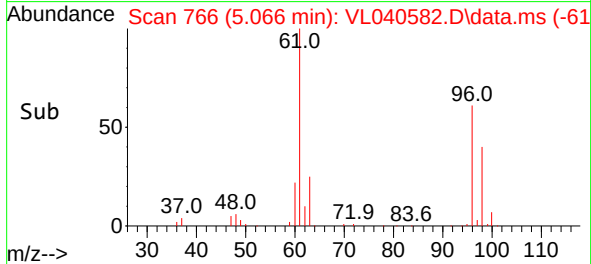
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



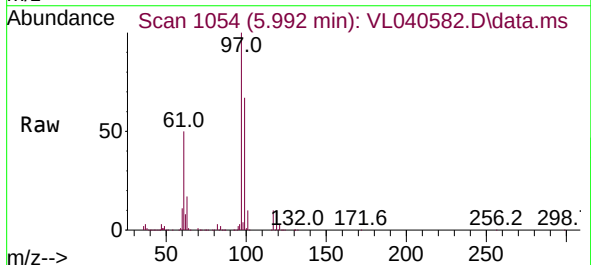
Tgt Ion: 61 Resp: 1051109
 Ion Ratio Lower Upper
 61 100
 96 60.9 54.7 82.1
 98 40.7 34.6 52.0

Manual Integrations
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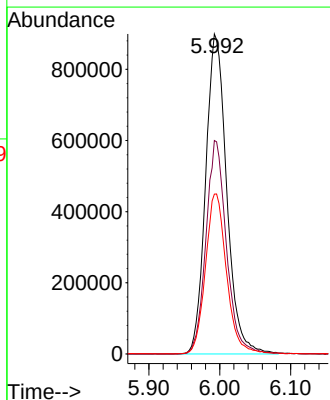
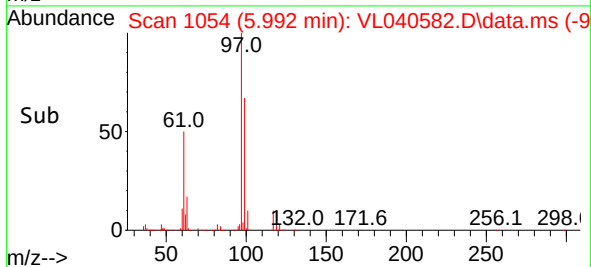
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

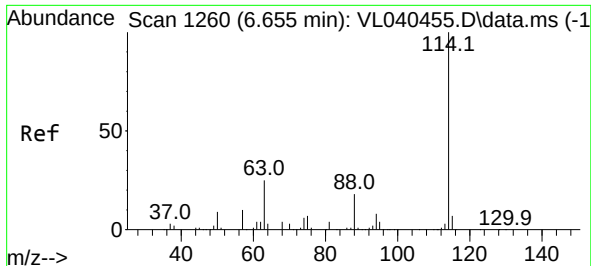


#32
 1,1,1-Trichloroethane
 Concen: 9.798 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.019 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22



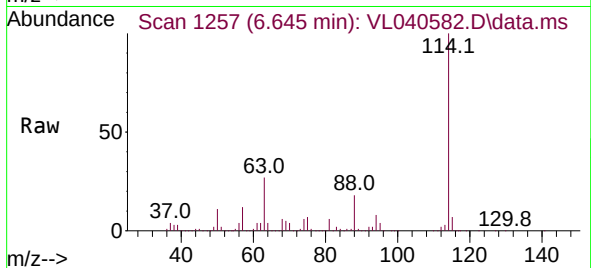
Tgt Ion: 97 Resp: 1857876
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.0 78.0
 61 50.1 38.9 58.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

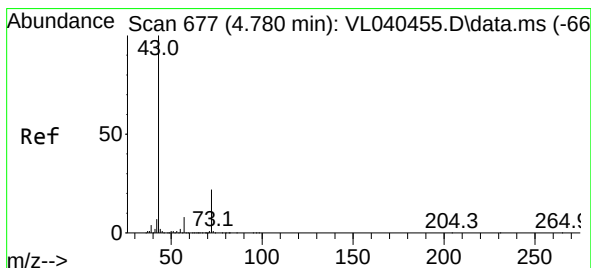
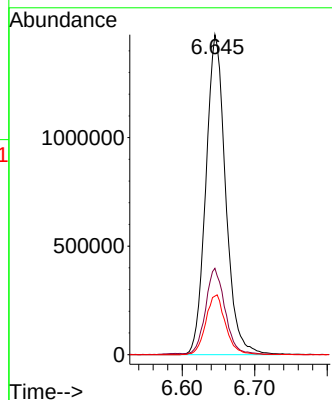
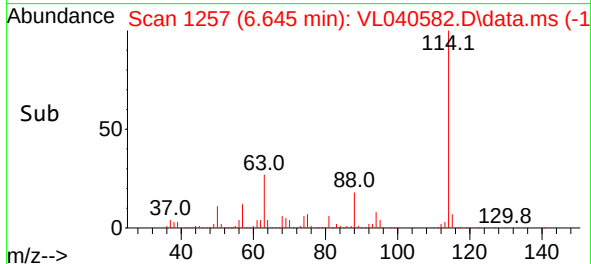
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



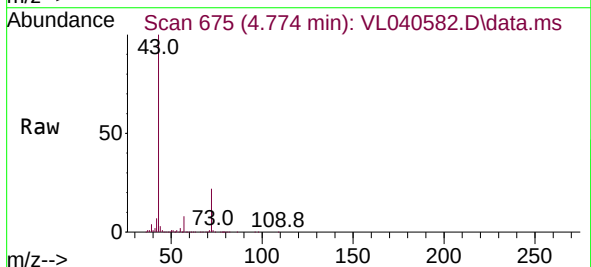
Tgt Ion:114 Resp: 278953
Ion Ratio Lower Upper
114 100
63 27.2 19.6 29.4
88 18.8 14.2 21.2

Manual Integrations
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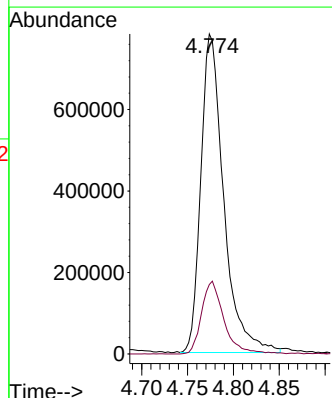
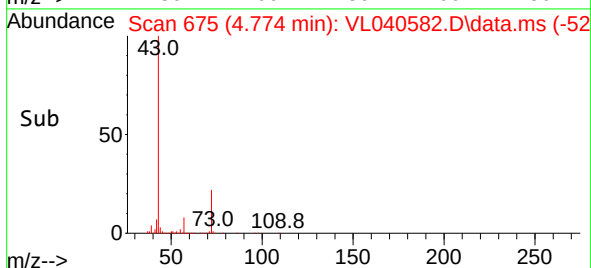
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

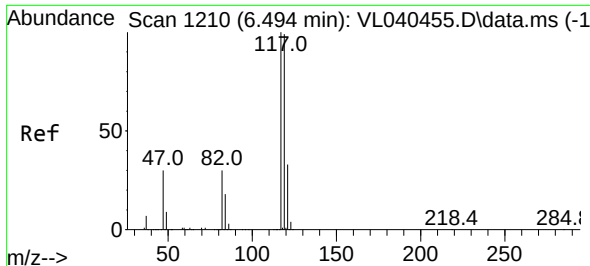


#34
2-Butanone
Concen: 9.846 ppbv
RT: 4.774 min Scan# 675
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



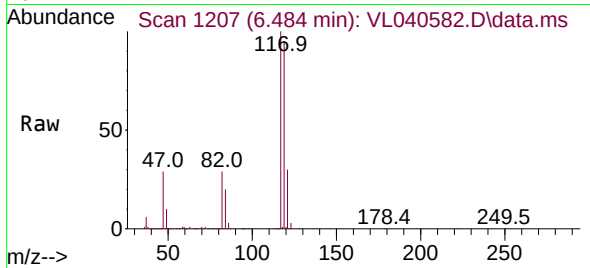
Tgt Ion: 43 Resp: 1357126
Ion Ratio Lower Upper
43 100
72 22.7 19.1 28.7





#35
Carbon Tetrachloride
Concen: 11.521 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

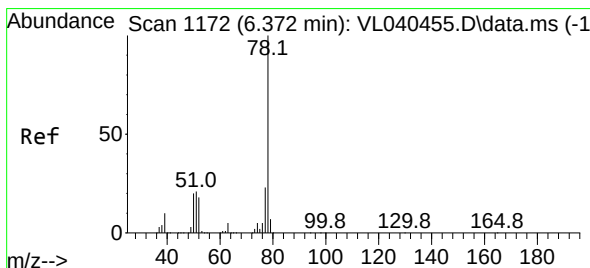
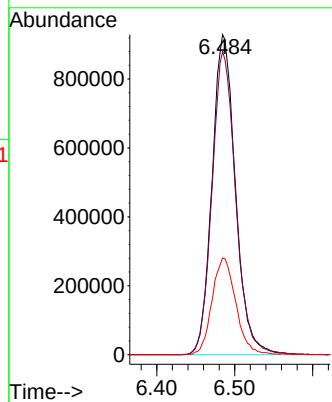
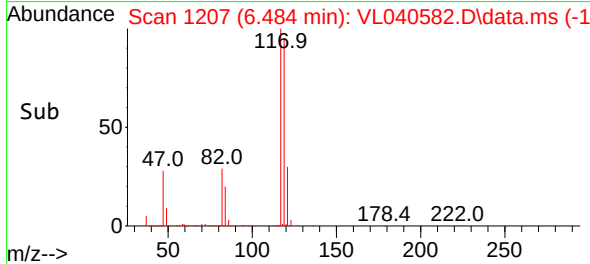
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 117 Resp: 193416
Ion Ratio Lower Upper
117 100
119 94.7 77.8 116.6
121 30.2 24.8 37.2

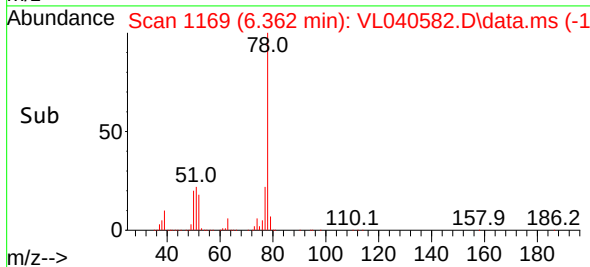
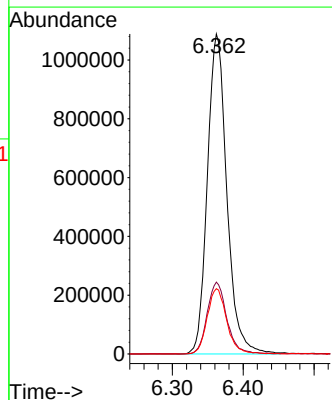
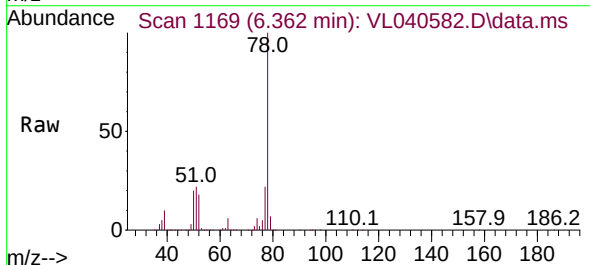
Manual Integrations
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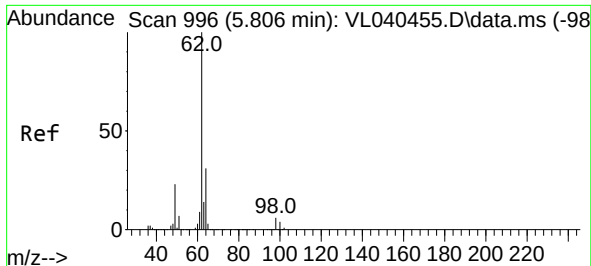
Reviewed By : Semsettin Yesilyurt 08/01/2023
Supervised By : Mahesh Dadoda 08/01/2023



#36
Benzene
Concen: 9.249 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

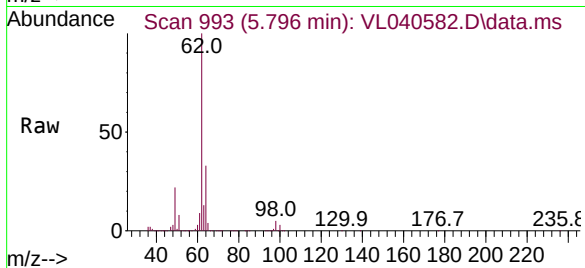
Tgt Ion: 78 Resp: 2075959
Ion Ratio Lower Upper
78 100
77 22.5 17.4 26.0
50 20.4 14.4 21.6





#37
1,2-Dichloroethane
Concen: 10.488 ppbv
RT: 5.796 min Scan# 996
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

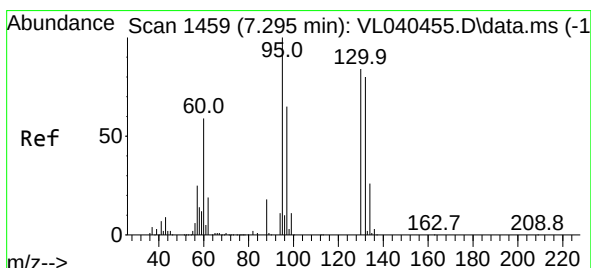
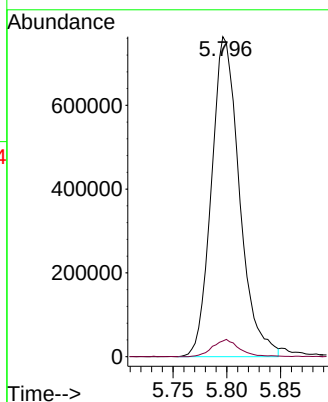
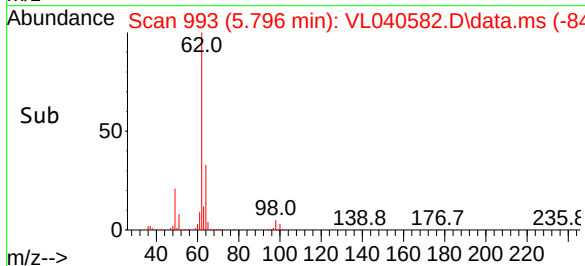
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1384849
Ion Ratio Lower Upper
62 100
98 5.3 5.1 7.7

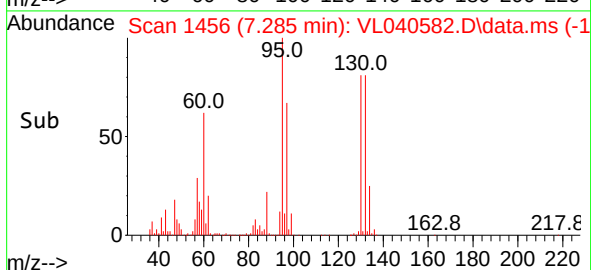
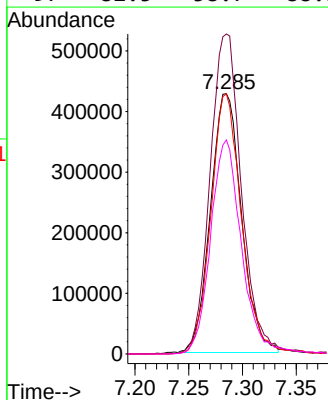
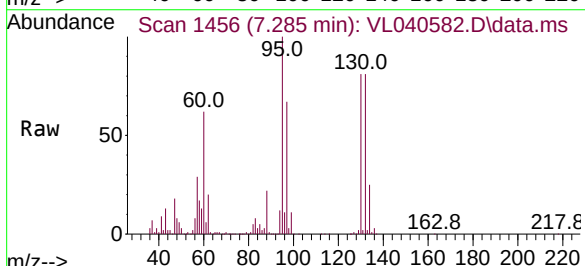
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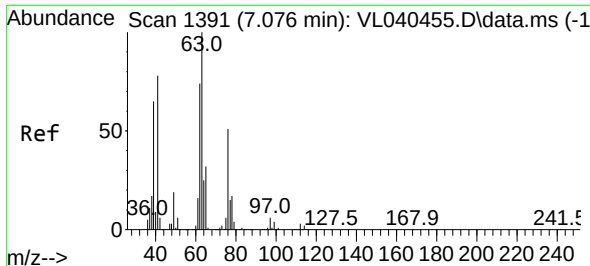
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#38
Trichloroethene
Concen: 10.121 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Tgt Ion:130 Resp: 859277
Ion Ratio Lower Upper
130 100
95 123.3 90.2 135.2
132 100.3 76.3 114.5
97 82.5 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.539 ppbv

RT: 7.066 min Scan# 1

Delta R.T. -0.016 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 63 Resp: 82422

Ion Ratio Lower Upper

63 100

41 76.5 54.3 81.5

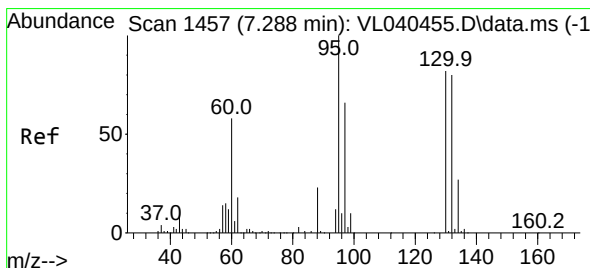
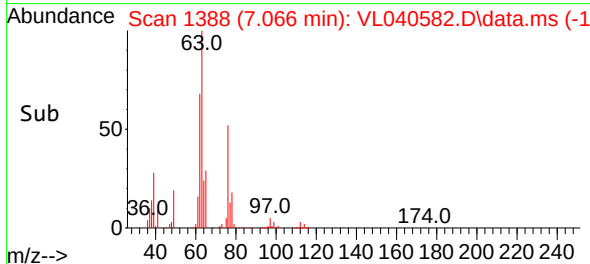
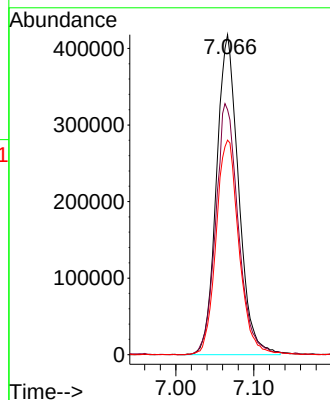
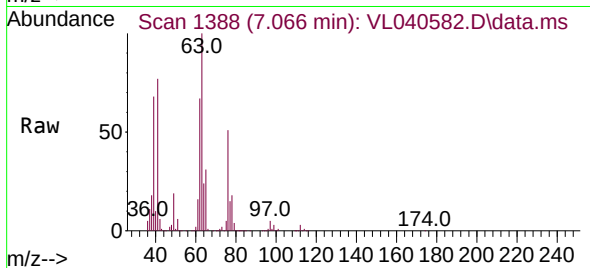
62 67.0 55.6 83.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#40

1,4-Dioxane

Concen: 9.776 ppbv

RT: 7.278 min Scan# 1454

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Tgt Ion: 88 Resp: 264186

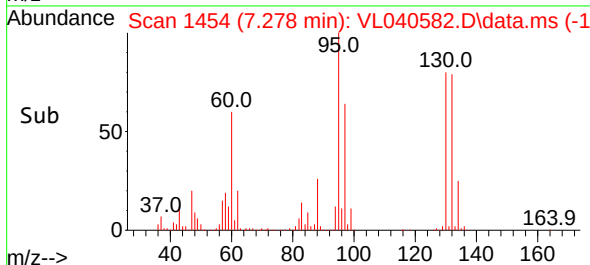
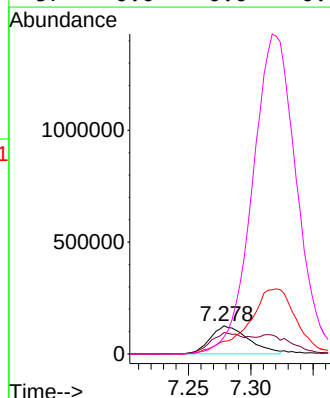
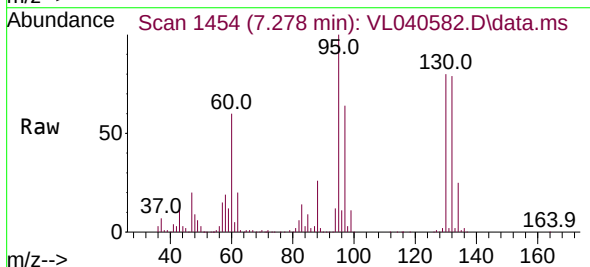
Ion Ratio Lower Upper

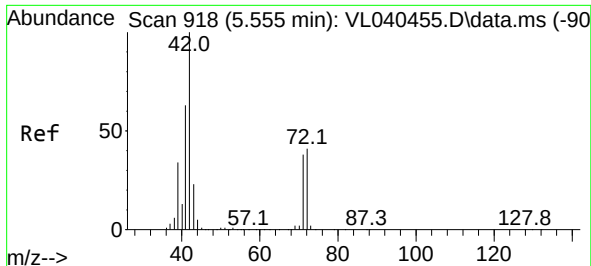
88 100

58 140.2 58.6 88.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 9.352 ppbv

RT: 5.545 min Scan# 918

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 42 Resp: 75228

Ion Ratio Lower Upper

42 100

72 41.1 33.8 50.8

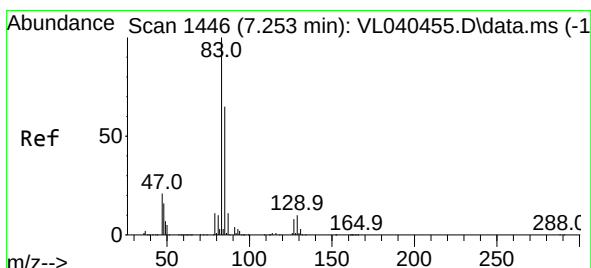
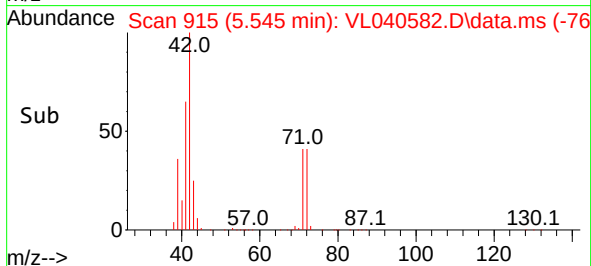
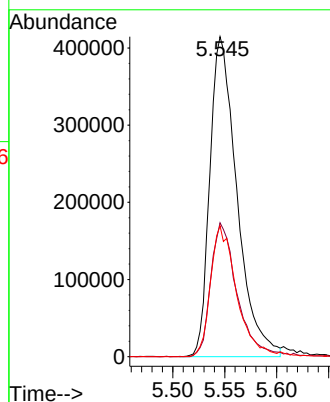
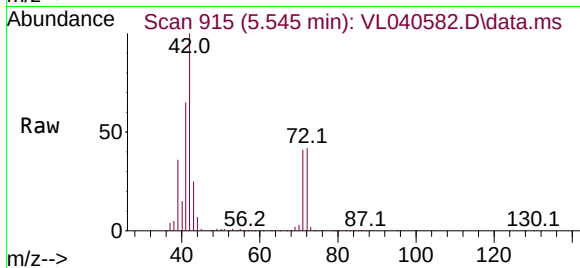
71 40.1 33.0 49.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#42

Bromodichloromethane

Concen: 10.811 ppbv

RT: 7.240 min Scan# 1442

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

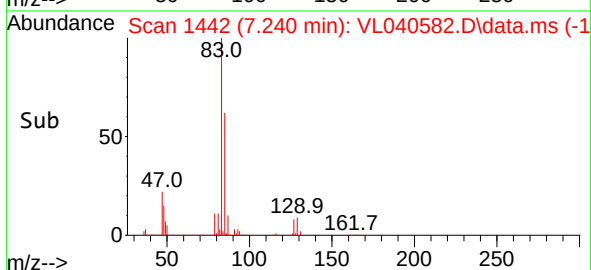
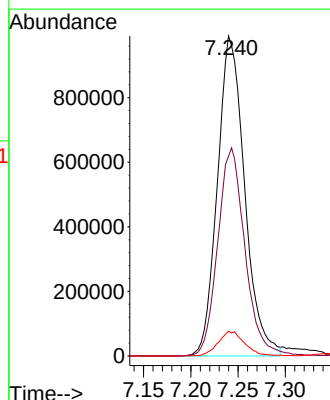
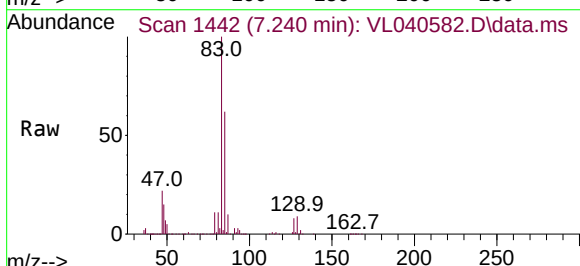
Tgt Ion: 83 Resp: 1985356

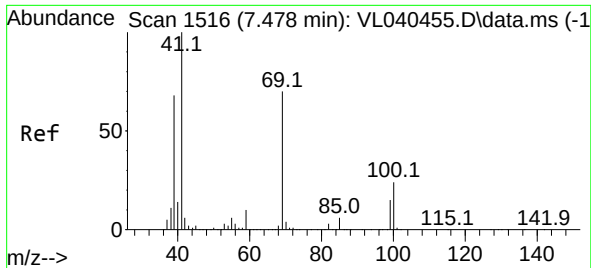
Ion Ratio Lower Upper

83 100

85 62.4 51.1 76.7

127 7.7 6.5 9.7





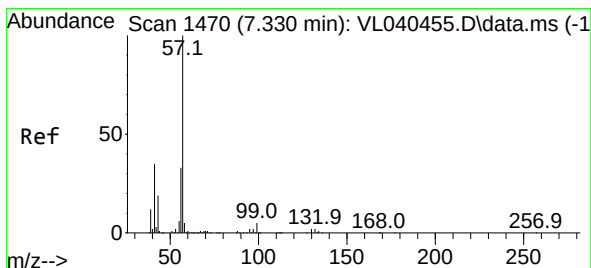
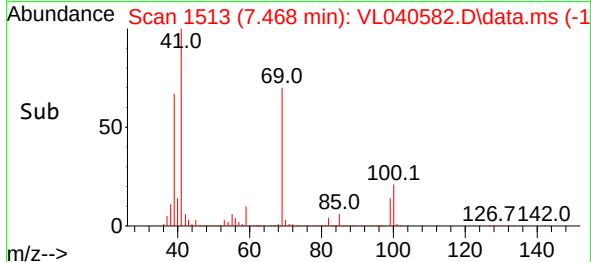
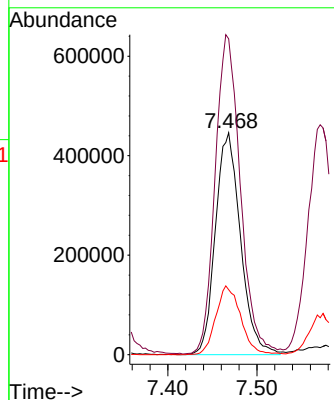
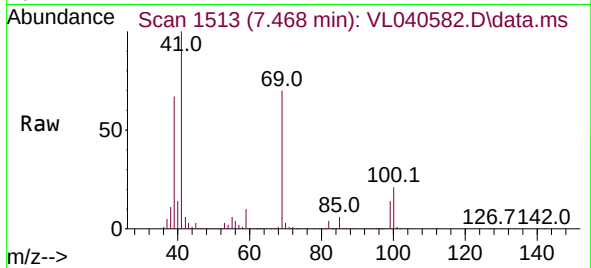
#43
Methyl Methacrylate
Concen: 10.398 ppbv
RT: 7.468 min Scan# 1466
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 87352
Ion Ratio Lower Upper
69 100
41 144.9 111.7 167.5
100 30.8 26.9 40.3

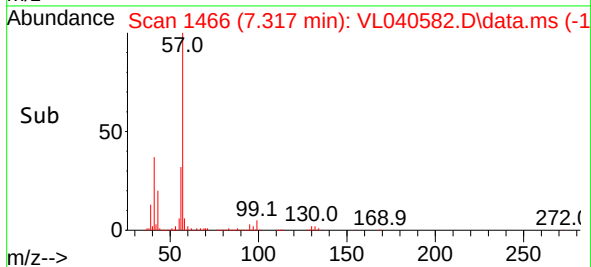
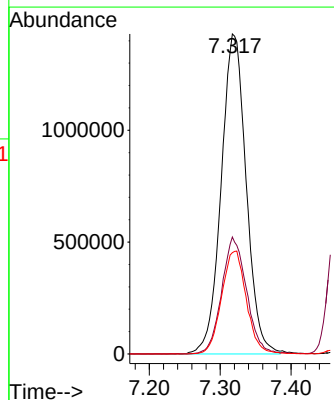
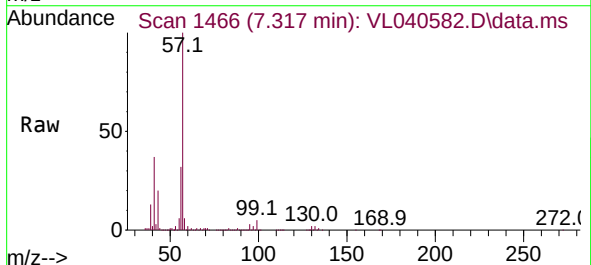
Manual Integrations
APPROVED

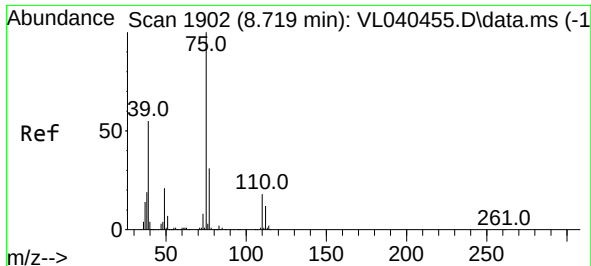
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#44
2,2,4-Trimethylpentane
Concen: 9.698 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Tgt Ion: 57 Resp: 3502372
Ion Ratio Lower Upper
57 100
41 36.4 25.5 38.3
56 32.0 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 10.505 ppbv

RT: 8.703 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 75 Resp: 56614

Ion Ratio Lower Upper

75 100

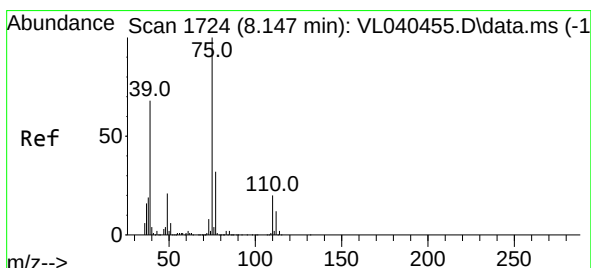
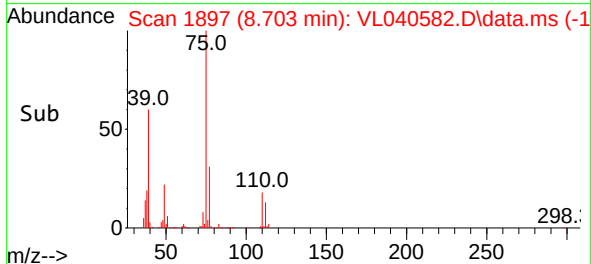
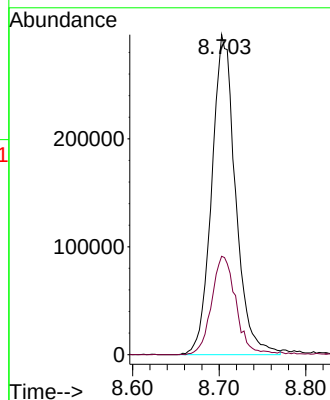
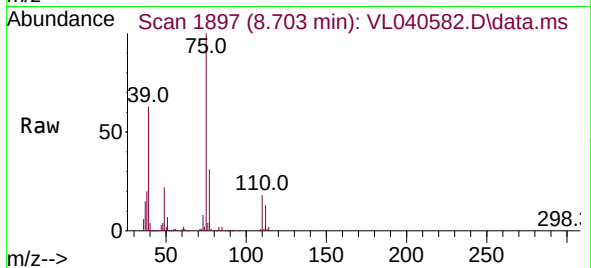
77 30.8 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

cis-1,3-Dichloropropene

Concen: 9.930 ppbv

RT: 8.137 min Scan# 1721

Delta R.T. -0.016 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

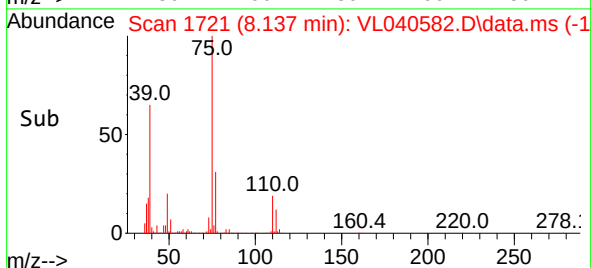
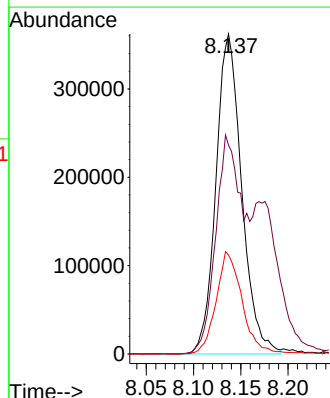
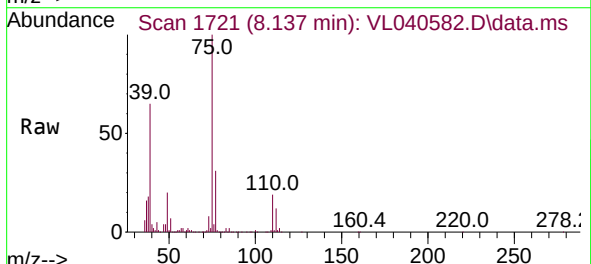
Tgt Ion: 75 Resp: 686602

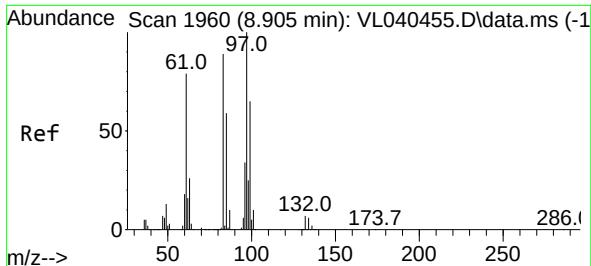
Ion Ratio Lower Upper

75 100

39 65.2 48.0 72.0

77 30.9 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.569 ppbv

RT: 8.893 min Scan# 1960

Delta R.T. -0.016 min

Lab File: VL040582.D

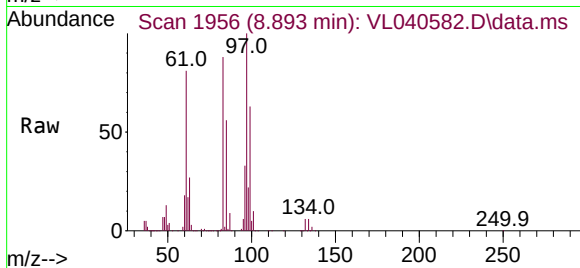
Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 912244

Ion Ratio Lower Upper

97 100

83 87.6 73.4 110.0

85 56.4 46.6 70.0

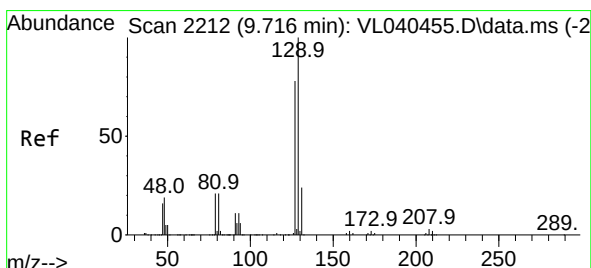
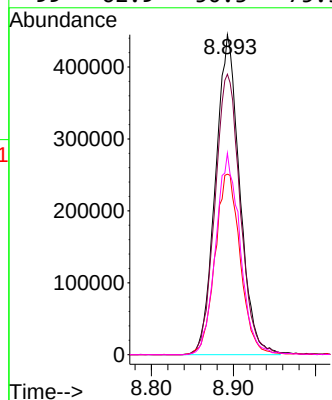
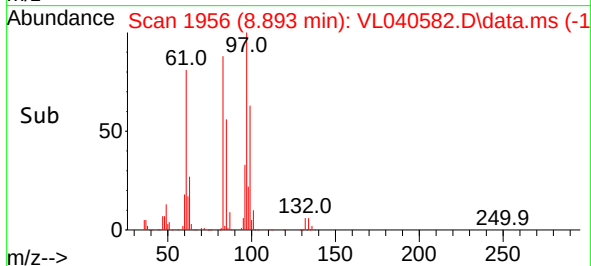
99 62.9 50.3 75.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#48

Dibromochloromethane

Concen: 11.033 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.019 min

Lab File: VL040582.D

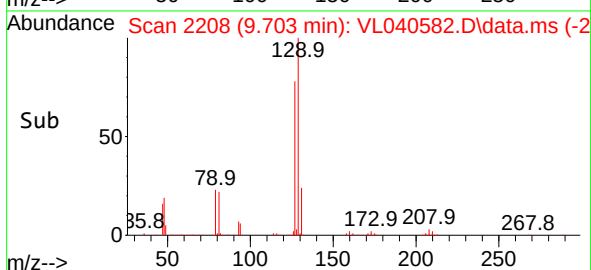
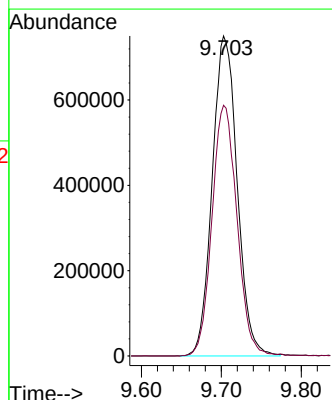
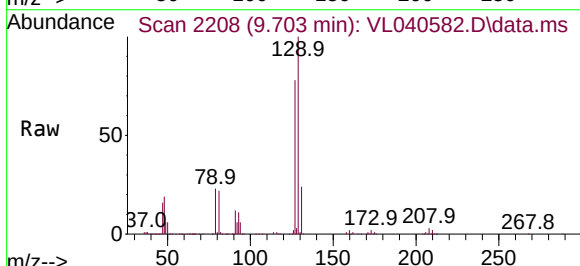
Acq: 31 Jul 2023 21:22

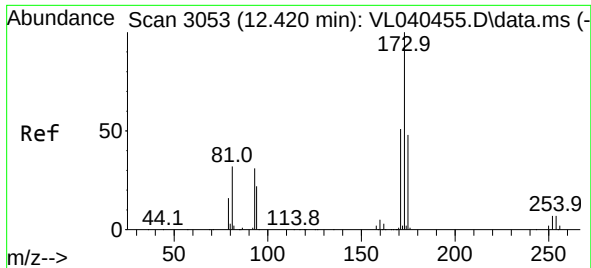
Tgt Ion:129 Resp: 1626185

Ion Ratio Lower Upper

129 100

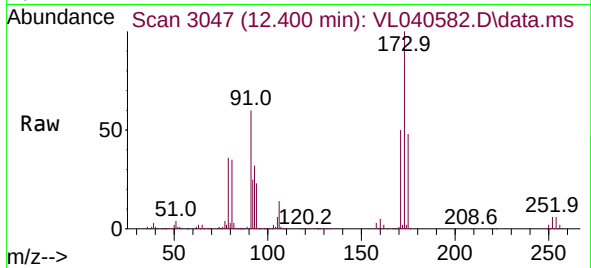
127 78.7 39.1 117.3





#49
Bromoform
Concen: 11.557 ppbv
RT: 12.400 min Scan# 3053
Delta R.T. -0.023 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

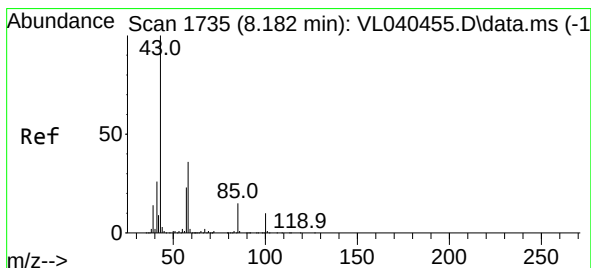
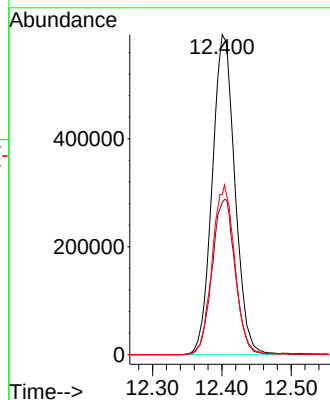
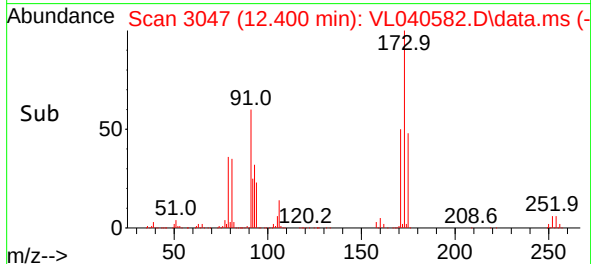
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



Tgt Ion: 173 Resp: 135051
Ion Ratio Lower Upper
173 100
175 49.3 39.5 59.3
171 53.2 42.2 63.4

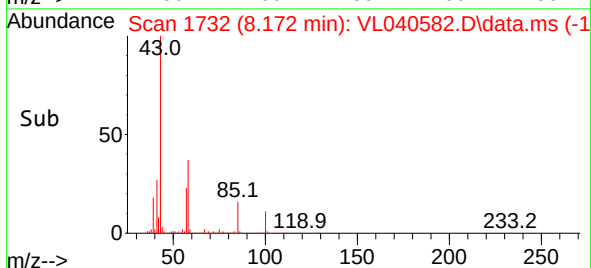
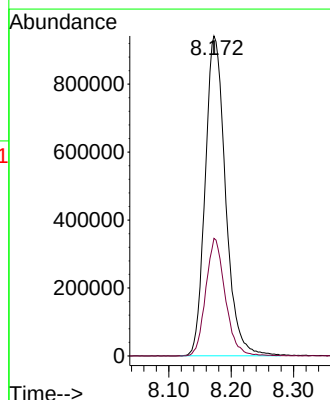
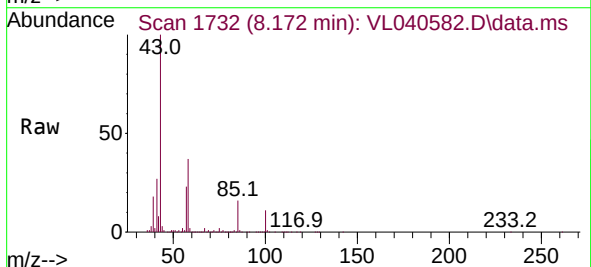
Manual Integrations
APPROVED

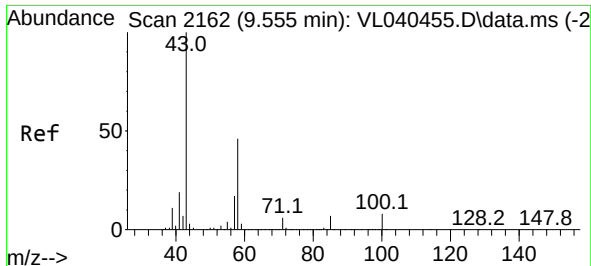
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#50
4-Methyl-2-Pentanone
Concen: 10.658 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

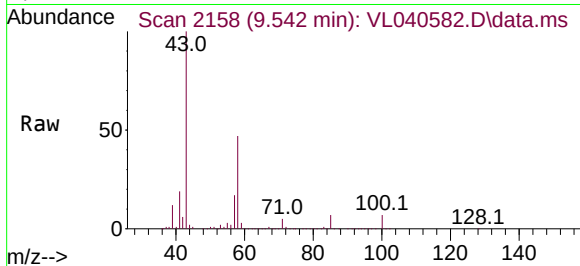
Tgt Ion: 43 Resp: 2134591
Ion Ratio Lower Upper
43 100
58 35.4 30.2 45.2





#51
2-Hexanone
Concen: 10.775 ppbv
RT: 9.542 min Scan# 2162
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

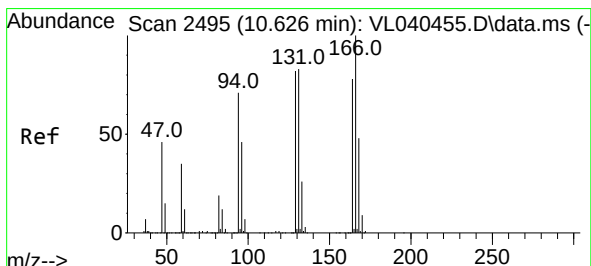
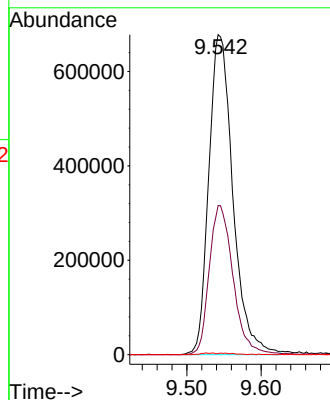
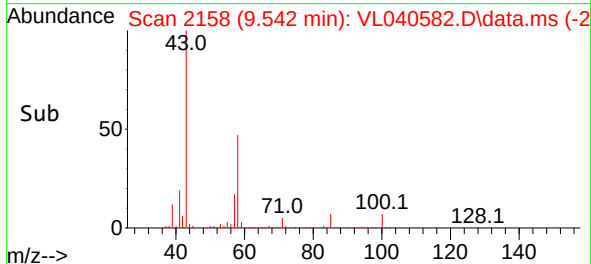
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 152606
Ion Ratio Lower Upper
43 100
58 46.5 39.7 59.5
98 0.7 0.3 0.5

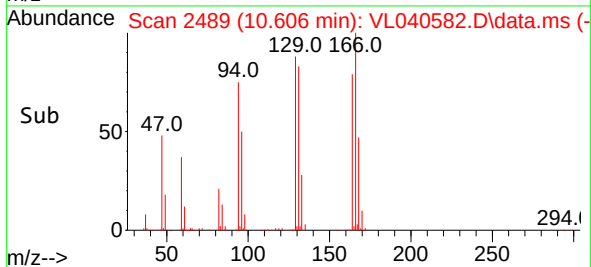
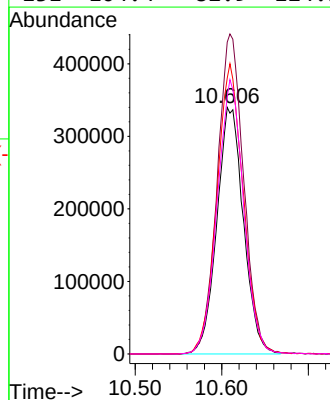
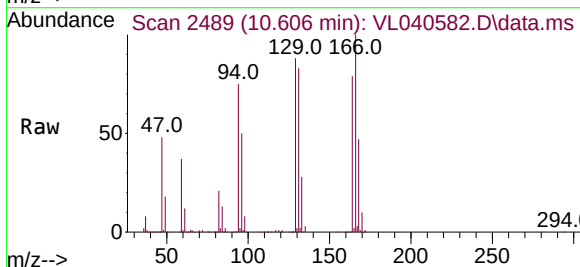
Manual Integrations
APPROVED

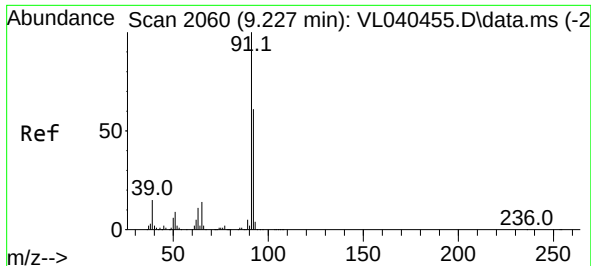
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Tetrachloroethene
Concen: 9.969 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Tgt Ion:164 Resp: 724642
Ion Ratio Lower Upper
164 100
166 126.5 103.9 155.9
129 111.9 84.6 126.8
131 104.4 82.9 124.3





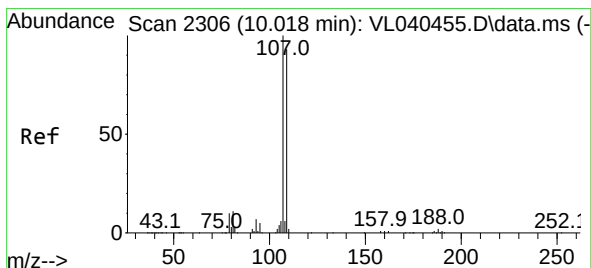
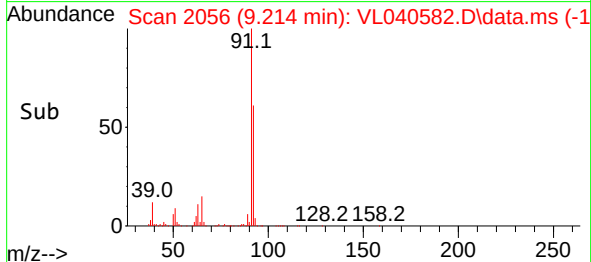
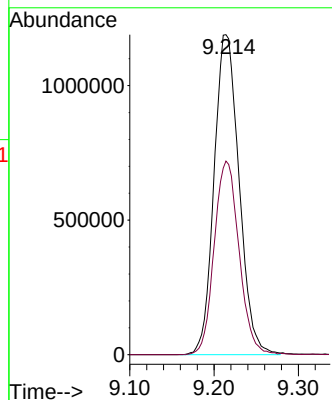
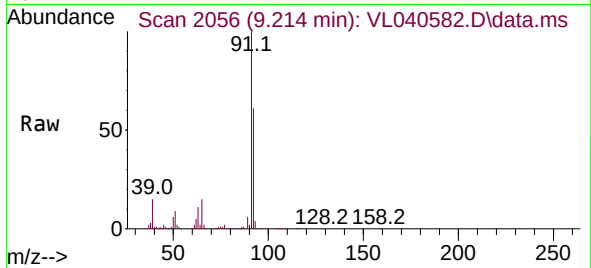
#53
Toluene
Concen: 10.058 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2452250
Ion Ratio Lower Upper
91 100
92 60.2 49.1 73.7

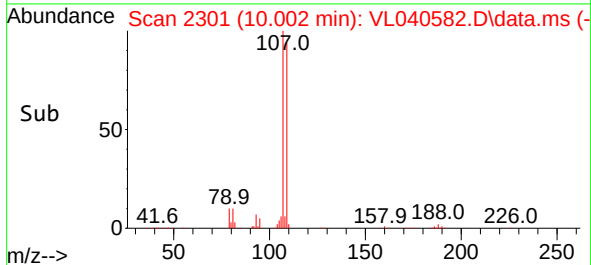
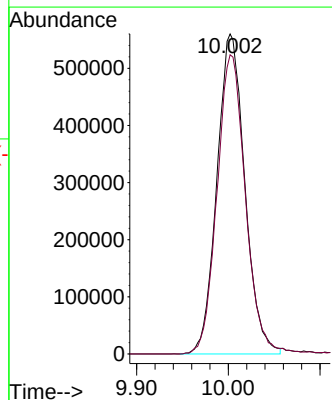
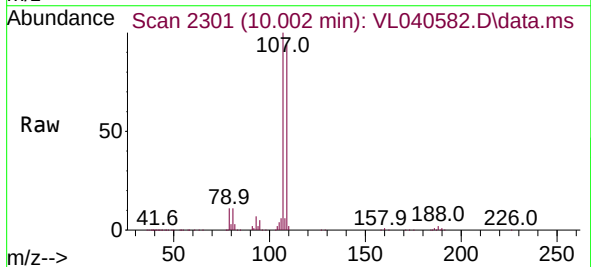
Manual Integrations
APPROVED

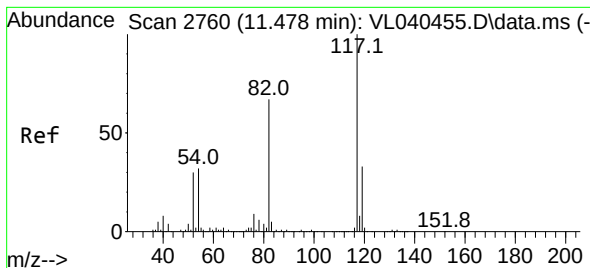
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
1,2-Dibromoethane
Concen: 9.987 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

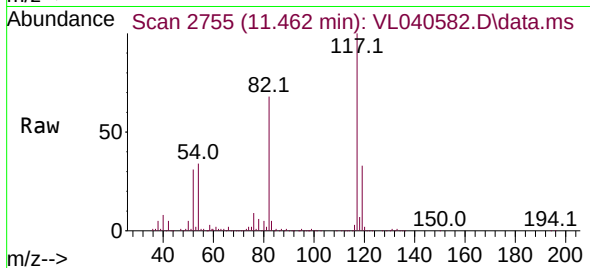
Tgt Ion:107 Resp: 1183377
Ion Ratio Lower Upper
107 100
109 93.5 75.4 113.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.462 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

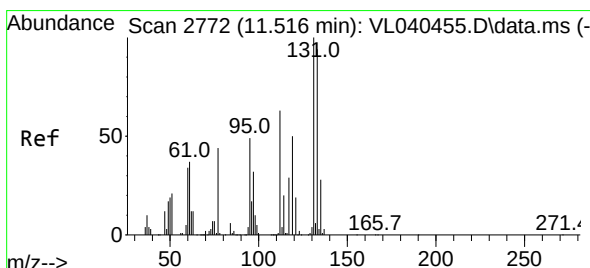
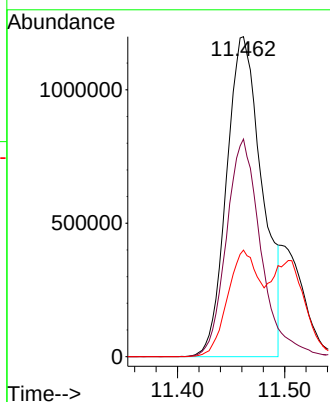
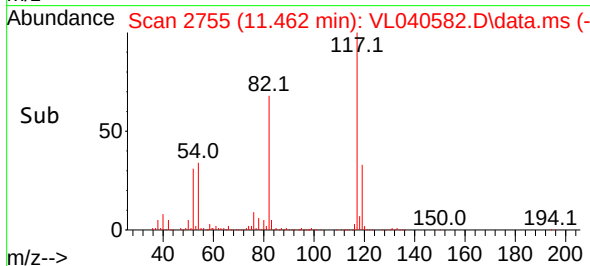
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



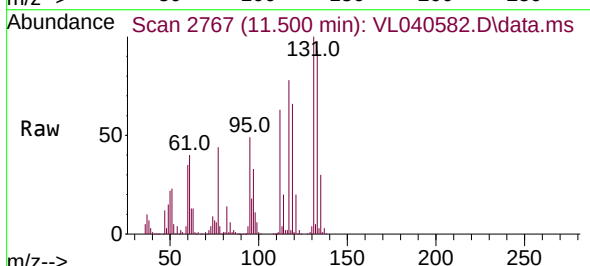
Tgt Ion:117 Resp: 2762040
Ion Ratio Lower Upper
117 100
82 67.1 50.2 75.4
119 27.9 26.9 40.3

Manual Integrations
APPROVED

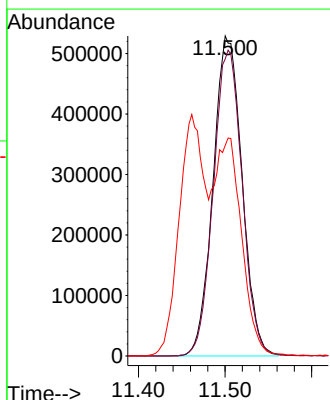
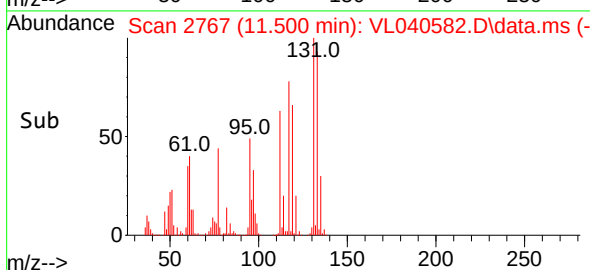
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

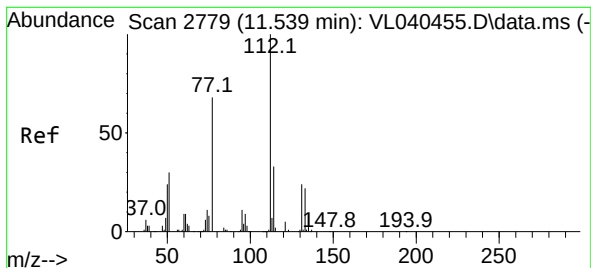


#56
1,1,1,2-Tetrachloroethane
Concen: 9.931 ppbv
RT: 11.500 min Scan# 2767
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



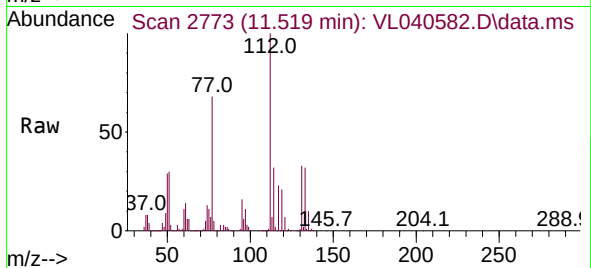
Tgt Ion:131 Resp: 1228437
Ion Ratio Lower Upper
131 100
133 95.3 76.3 114.5
119 69.7 51.1 76.7





#57
Chlorobenzene
Concen: 9.284 ppbv
RT: 11.519 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

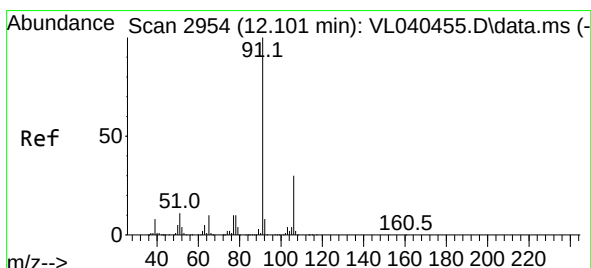
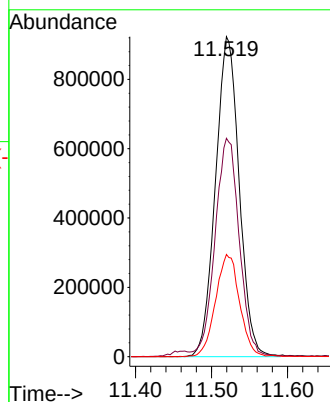
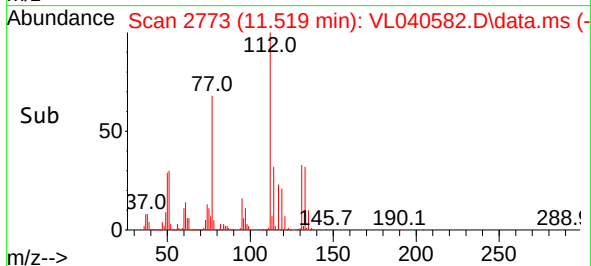
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:112 Resp: 199989
Ion Ratio Lower Upper
112 100
77 67.9 51.0 76.6
114 31.9 28.3 34.5

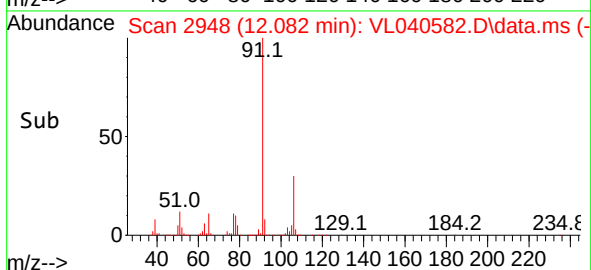
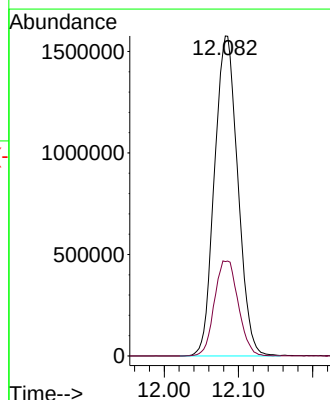
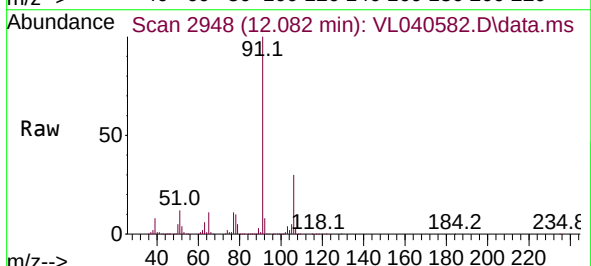
Manual Integrations
APPROVED

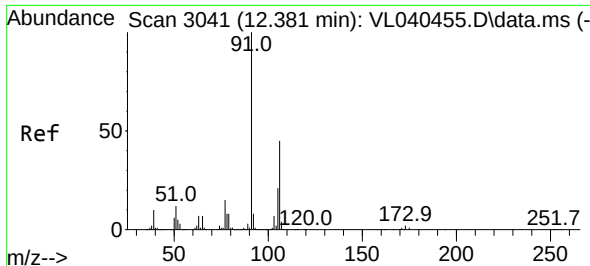
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#58
Ethyl Benzene
Concen: 9.925 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

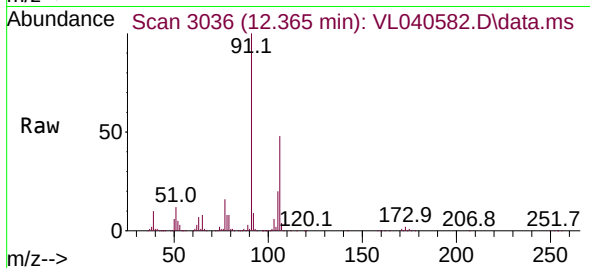
Tgt Ion: 91 Resp: 3440258
Ion Ratio Lower Upper
91 100
106 29.5 25.4 38.0





#59
m/p-Xylene
Concen: 20.000 ppbv m
RT: 12.365 min Scan# 3041
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

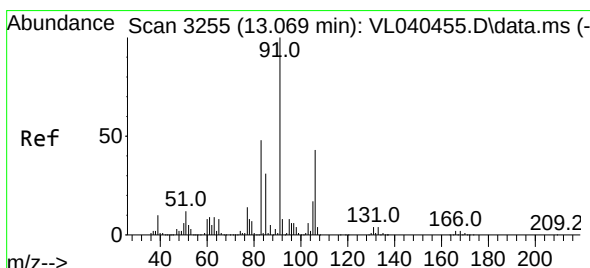
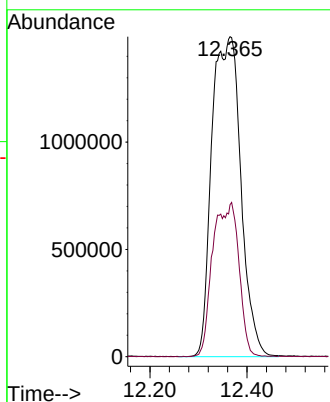
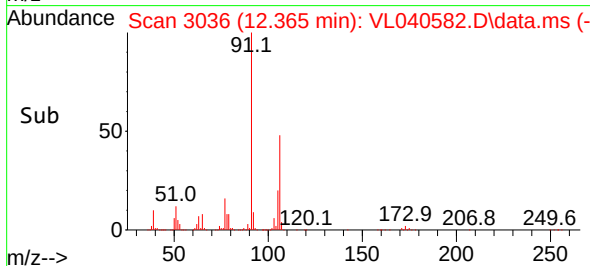
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



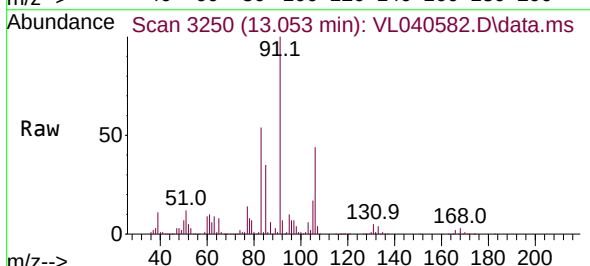
Tgt Ion: 91 Resp: 618728
Ion Ratio Lower Upper
91 100
106 43.4 35.9 53.9

Manual Integrations
APPROVED

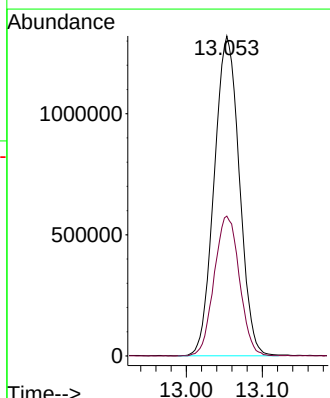
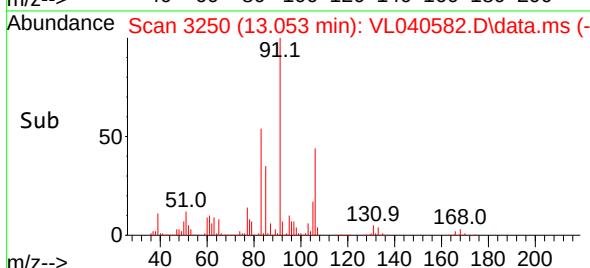
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

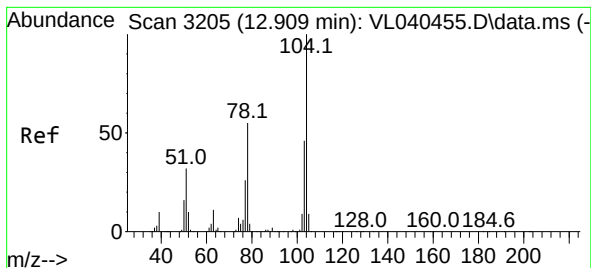


#60
o-Xylene
Concen: 10.288 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



Tgt Ion: 91 Resp: 3032022
Ion Ratio Lower Upper
91 100
106 44.1 22.7 68.0





#61

Styrene

Concen: 10.529 ppbv

RT: 12.892 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:104 Resp: 1431429

Ion Ratio Lower Upper

104 100

78 54.0 40.1 60.1

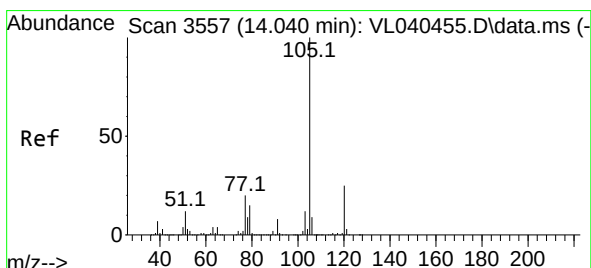
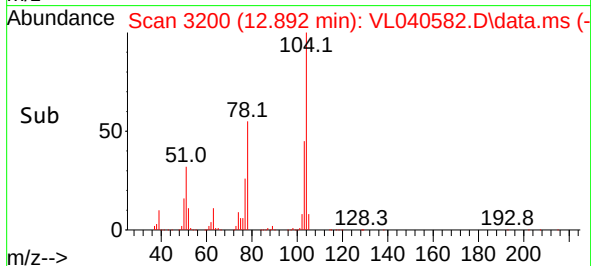
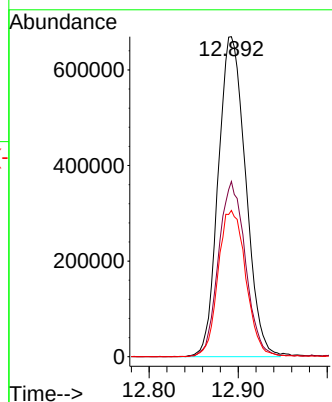
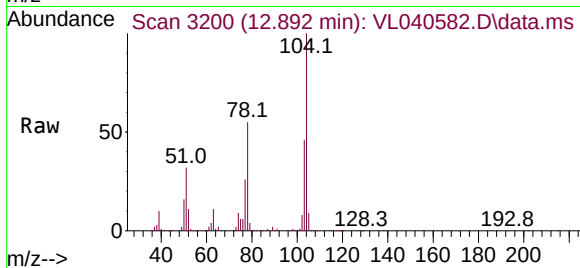
103 46.5 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#62

Isopropylbenzene

Concen: 9.873 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. -0.016 min

Lab File: VL040582.D

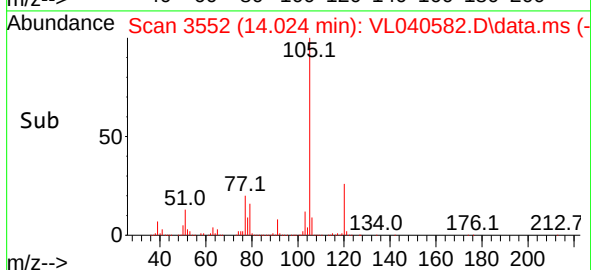
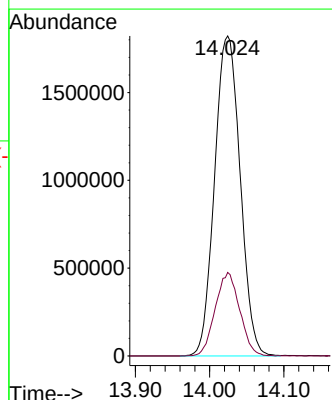
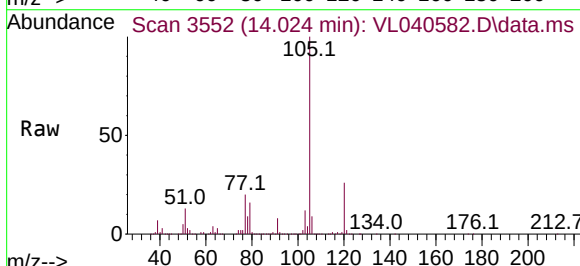
Acq: 31 Jul 2023 21:22

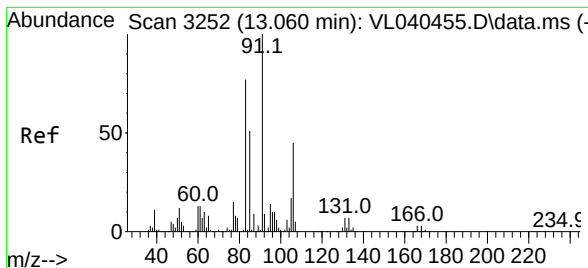
Tgt Ion:105 Resp: 4361212

Ion Ratio Lower Upper

105 100

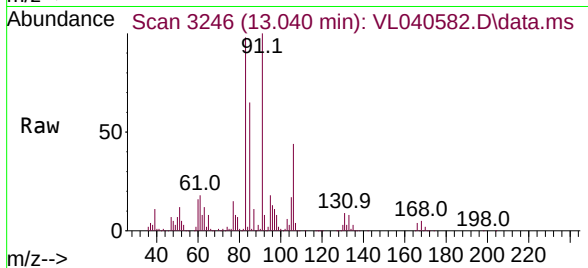
120 25.0 20.8 31.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.377 ppbv
RT: 13.040 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

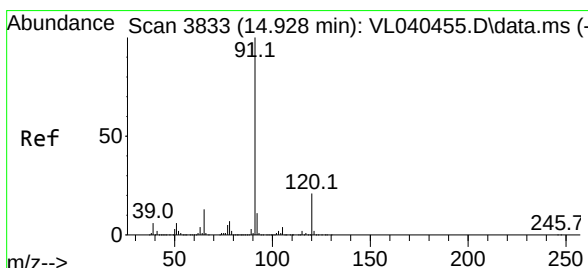
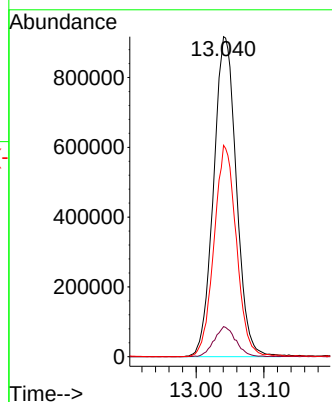
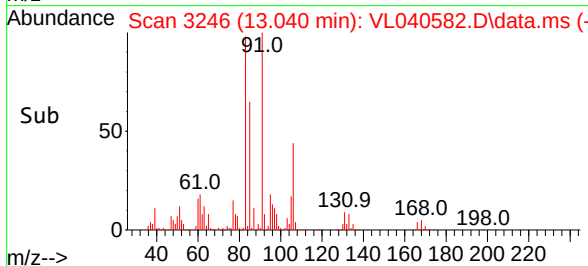
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 83 Resp: 2141800
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.1 32.8 98.3

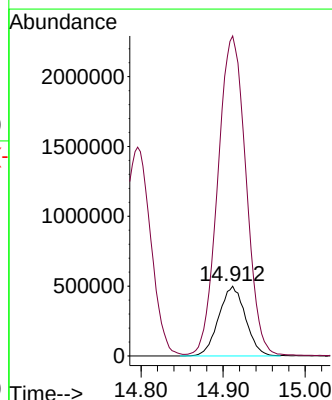
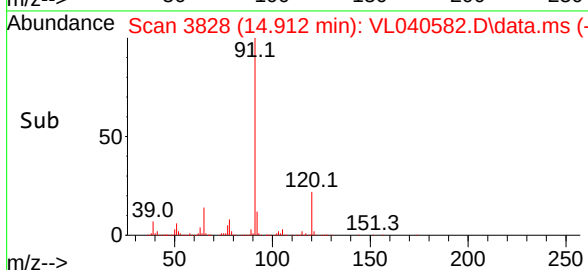
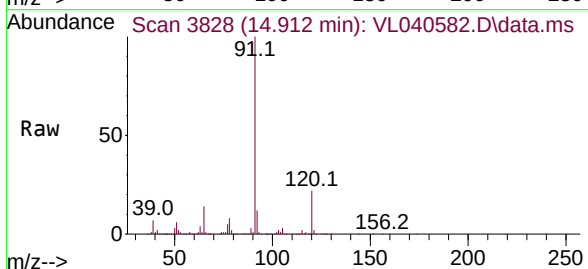
Manual Integrations
APPROVED

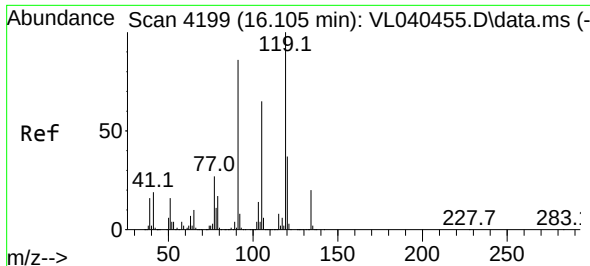
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
n-propylbenzene
Concen: 9.874 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

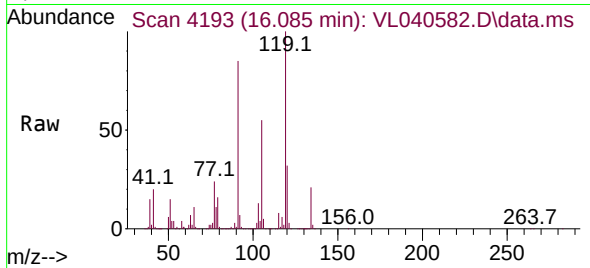
Tgt Ion:120 Resp: 1128437
Ion Ratio Lower Upper
120 100
91 486.9 374.3 561.5





#65
tert-Butylbenzene
Concen: 9.925 ppbv
RT: 16.085 min Scan# 4199
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

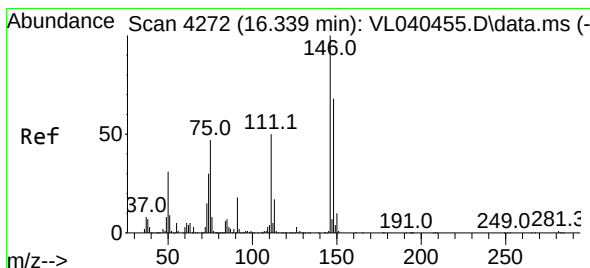
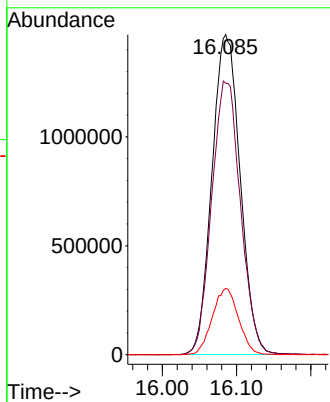
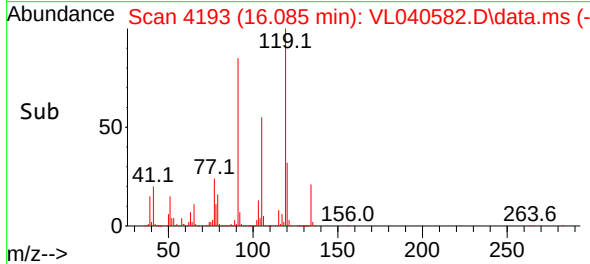
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



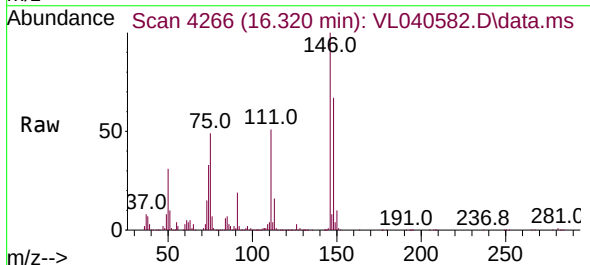
Tgt Ion: 119 Resp: 388119
Ion Ratio Lower Upper
119 100
91 87.5 66.1 99.1
134 19.3 15.7 23.5

Manual Integrations
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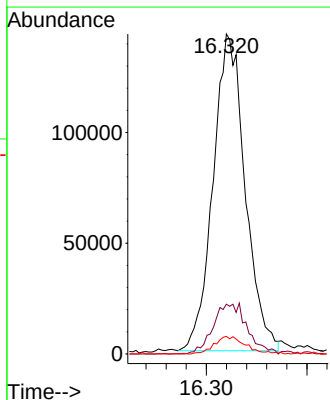
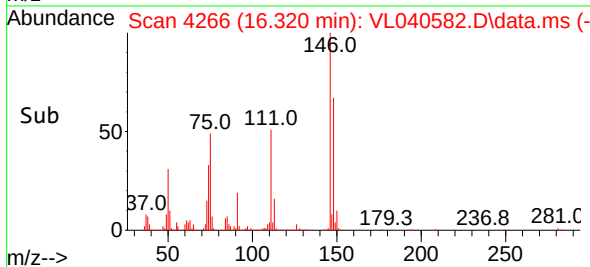
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

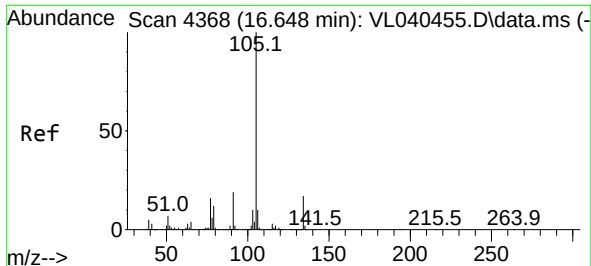


#66
Benzyl Chloride
Concen: 11.442 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



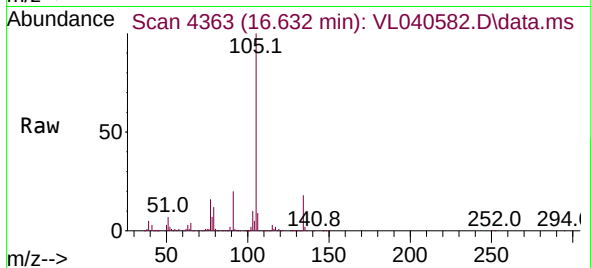
Tgt Ion: 91 Resp: 316539
Ion Ratio Lower Upper
91 100
126 17.4 15.4 23.2
128 5.6 4.5 6.7





#67
 sec-Butylbenzene
 Concen: 9.767 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

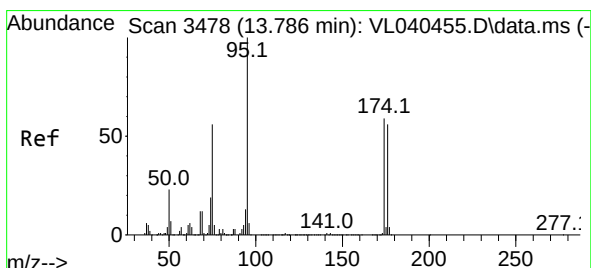
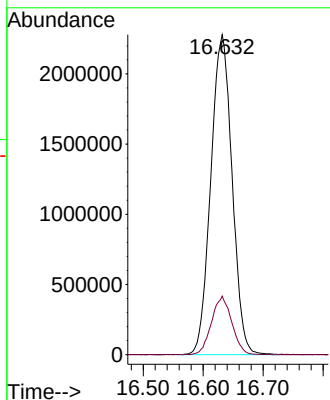
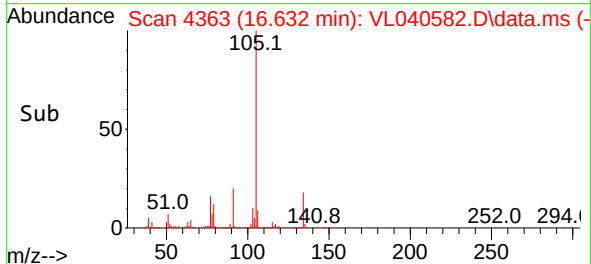
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 561205
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.4 21.6

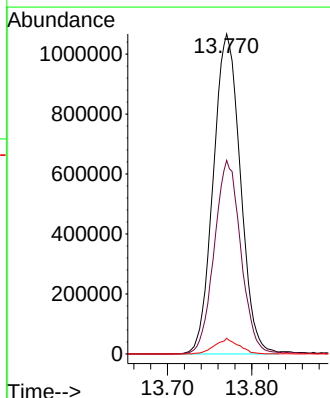
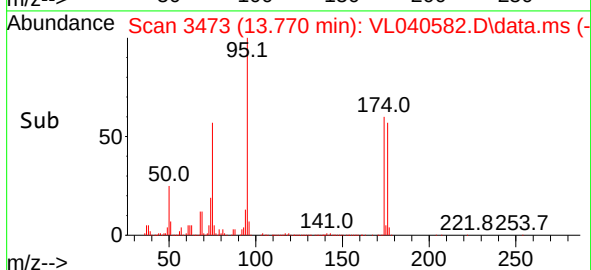
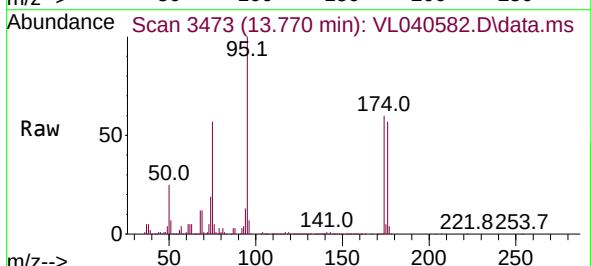
Manual Integrations
 APPROVED

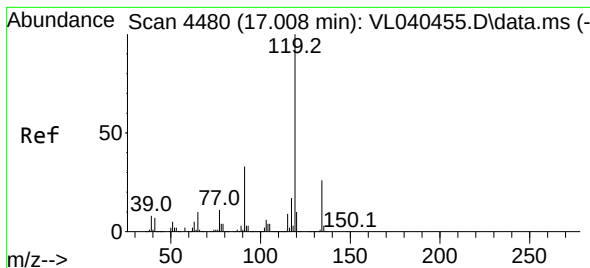
Reviewed By :Semsettin Yesilyurt 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.892 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. -0.013 min
 Lab File: VL040582.D
 Acq: 31 Jul 2023 21:22

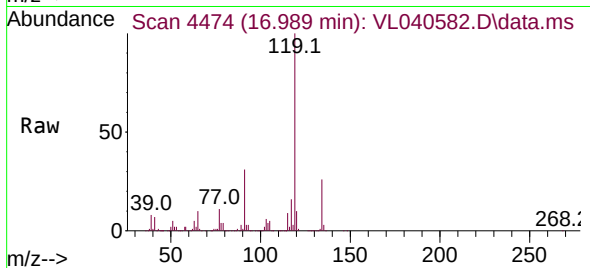
Tgt Ion: 95 Resp: 2380986
 Ion Ratio Lower Upper
 95 100
 174 59.6 50.6 75.8
 175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 9.621 ppbv
RT: 16.989 min Scan# 4480
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

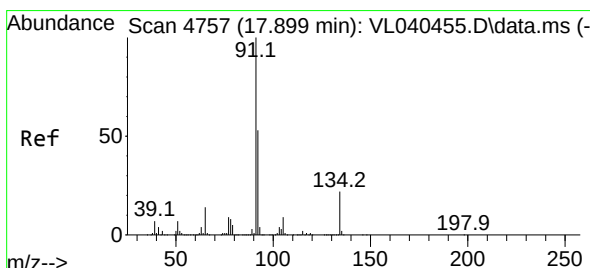
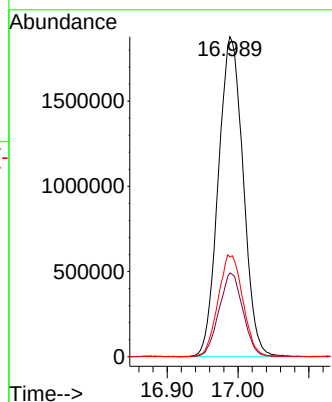
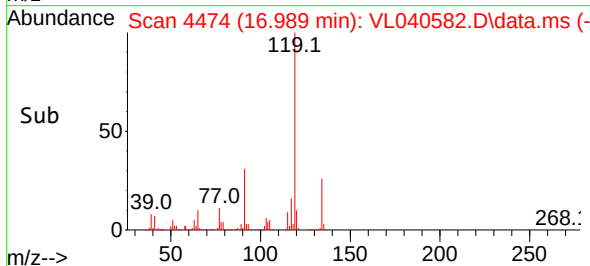
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



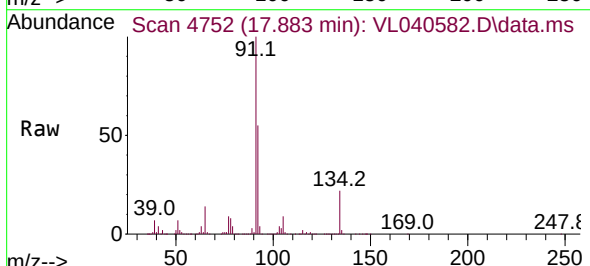
Tgt Ion:119 Resp: 4568079
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 31.8 23.8 35.8

Manual Integrations
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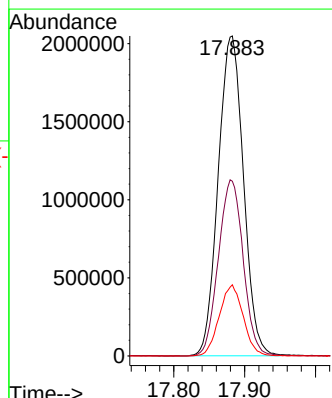
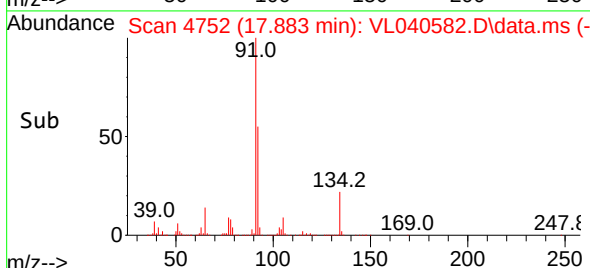
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

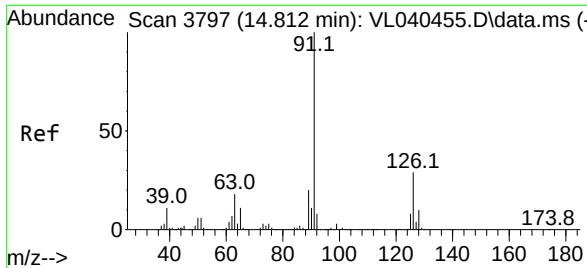


#70
n-Butylbenzene
Concen: 9.598 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.013 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



Tgt Ion: 91 Resp: 5082400
Ion Ratio Lower Upper
91 100
92 54.1 43.4 65.0
134 21.2 18.1 27.1





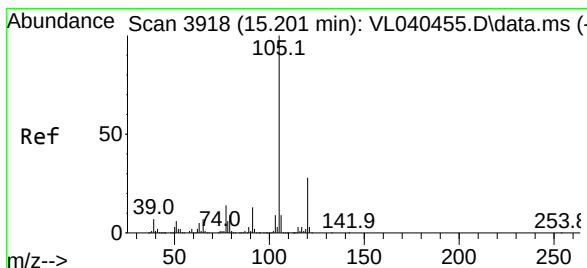
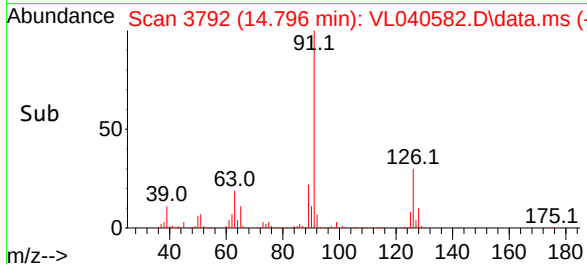
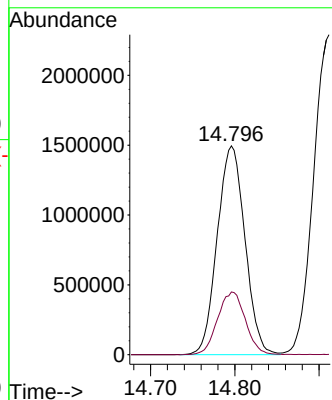
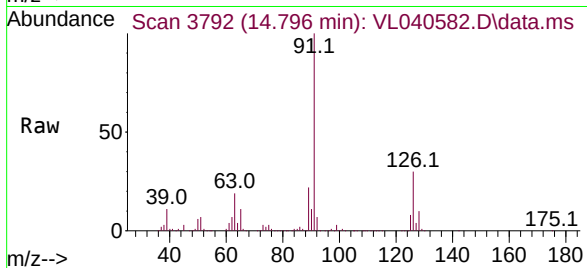
#71
2-Chlorotoluene
Concen: 10.019 ppbv
RT: 14.796 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3410780
Ion Ratio Lower Upper
91 100
126 30.2 12.4 49.8

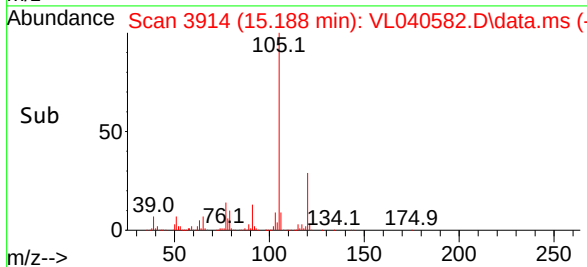
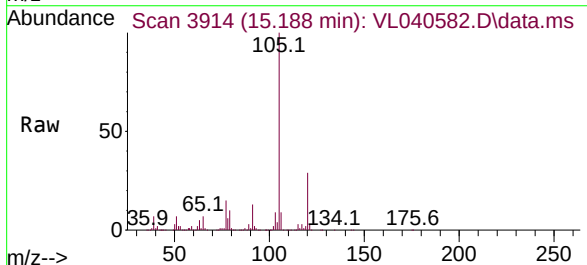
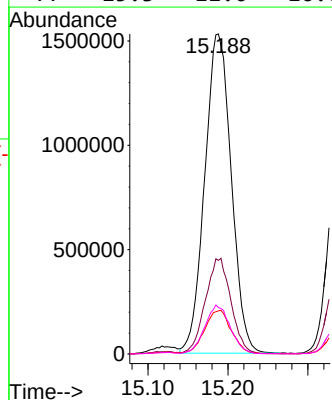
Manual Integrations
APPROVED

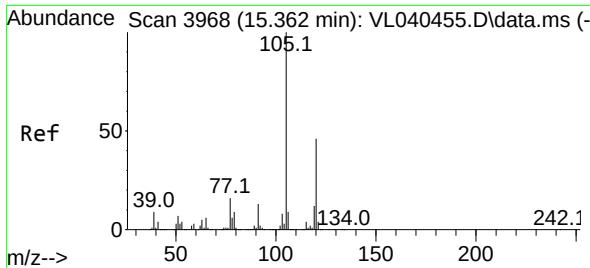
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#72
4-Ethyltoluene
Concen: 10.214 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

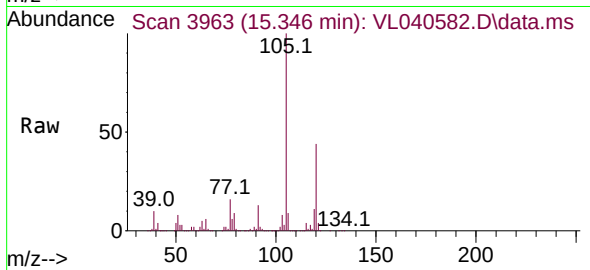
Tgt Ion:105 Resp: 3528480
Ion Ratio Lower Upper
105 100
120 29.7 24.6 37.0
91 14.4 10.7 16.1
77 15.3 11.0 16.6





#73
1,3,5-Trimethylbenzene
Concen: 10.120 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

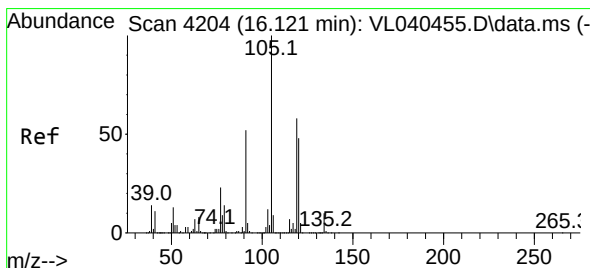
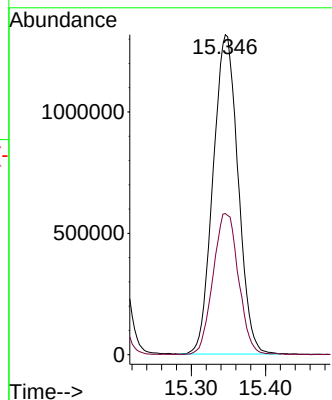
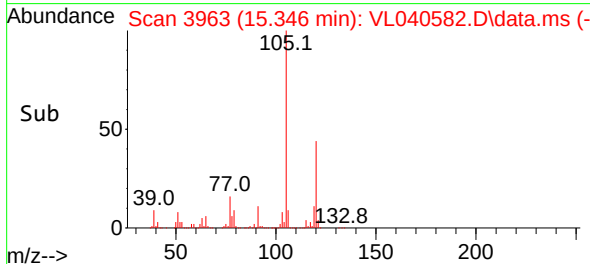
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



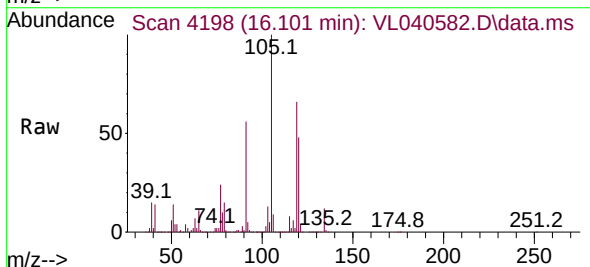
Tgt Ion:105 Resp: 308166
Ion Ratio Lower Upper
105 100
120 44.1 38.2 57.2

Manual Integrations
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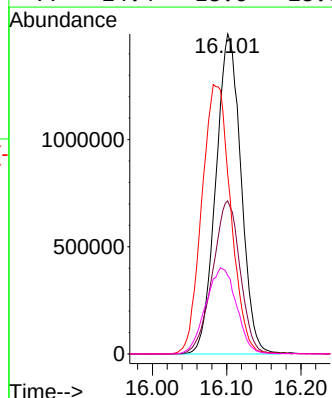
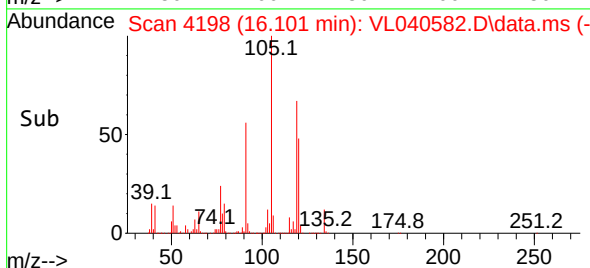
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

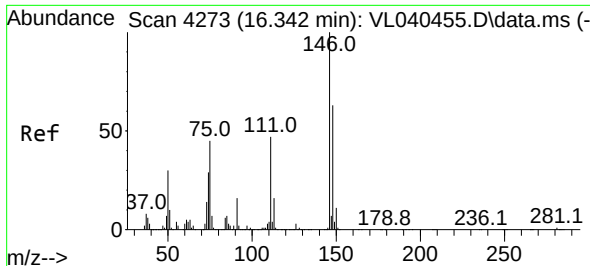


#74
1,2,4-Trimethylbenzene
Concen: 9.883 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



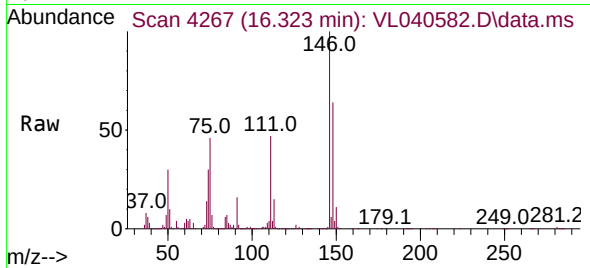
Tgt Ion:105 Resp: 3508750
Ion Ratio Lower Upper
105 100
120 47.7 40.3 60.5
91 56.0 46.8 70.2
77 24.4 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 9.250 ppbv
RT: 16.323 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

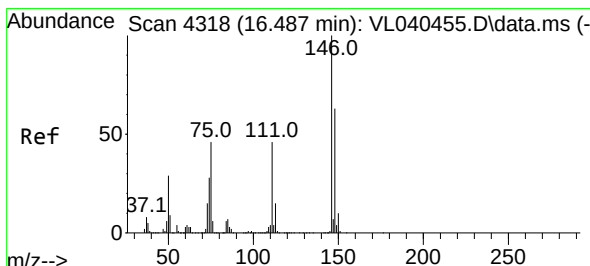
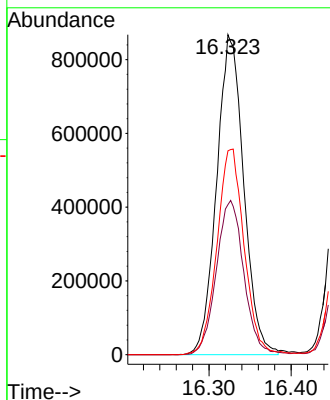
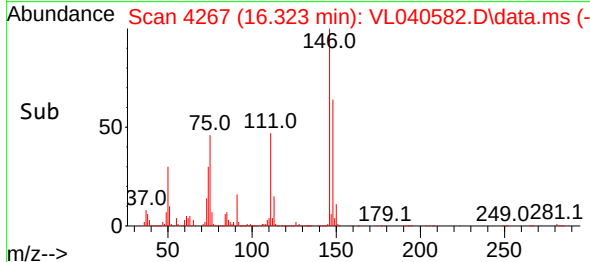
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:146 Resp: 199119
Ion Ratio Lower Upper
146 100
111 49.0 23.6 71.0
148 64.6 32.2 96.6

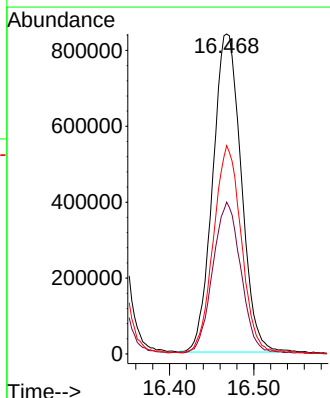
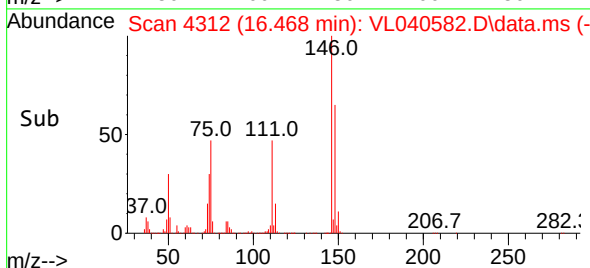
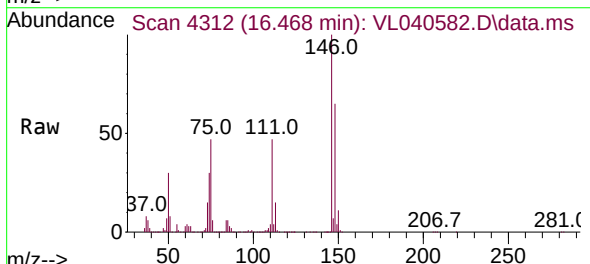
Manual Integrations
APPROVED

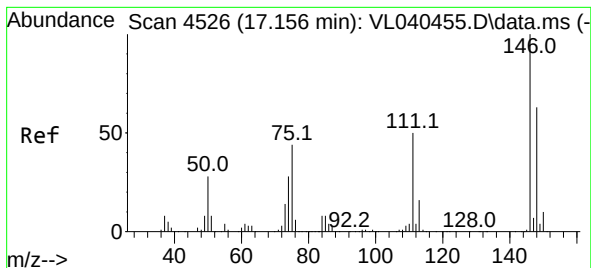
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#76
1,4-Dichlorobenzene
Concen: 9.294 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

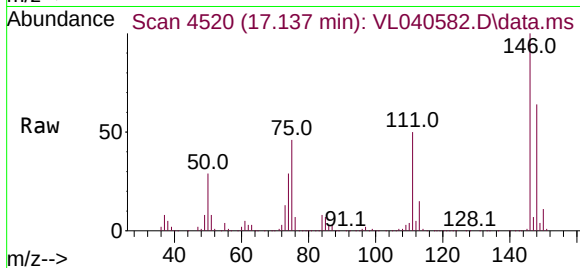
Tgt Ion:146 Resp: 1961717
Ion Ratio Lower Upper
146 100
111 47.9 22.8 68.3
148 65.1 32.6 97.8





#77
1,2-Dichlorobenzene
Concen: 9.329 ppbv
RT: 17.137 min Scan# 4520
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

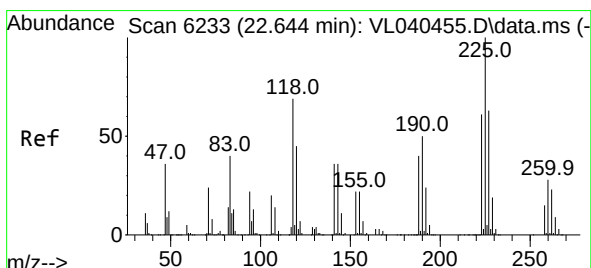
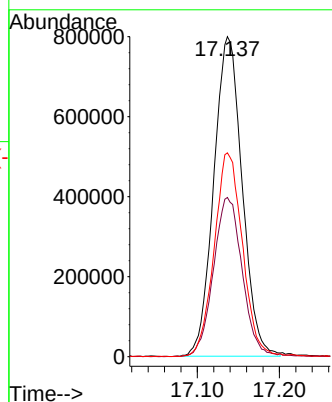
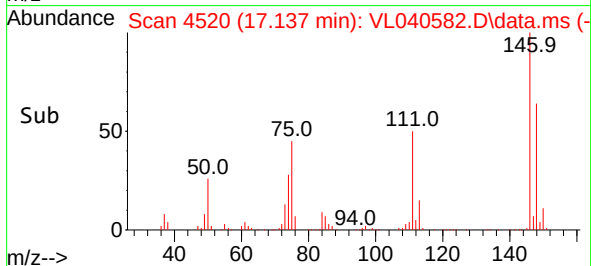
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



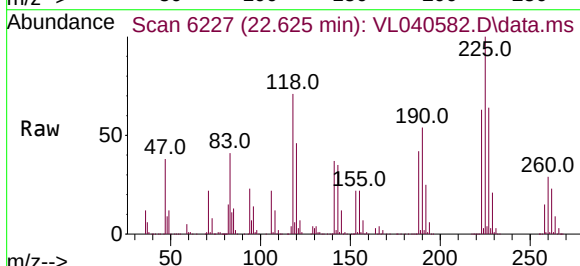
Tgt Ion:146 Resp: 1920120
Ion Ratio Lower Upper
146 100
111 50.9 24.3 72.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

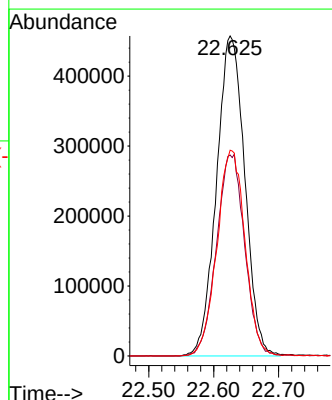
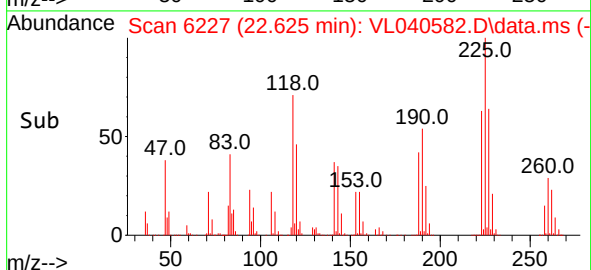
Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

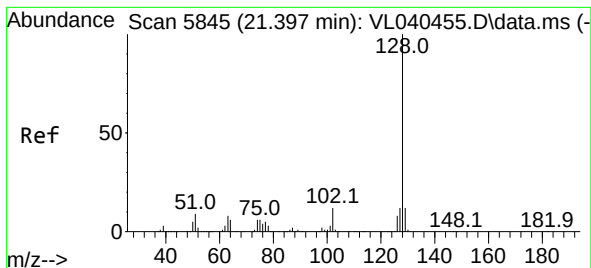


#78
Hexachloro-1,3-Butadiene
Concen: 7.148 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.023 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22



Tgt Ion:225 Resp: 1381654
Ion Ratio Lower Upper
225 100
223 62.9 50.3 75.5
227 64.0 51.0 76.6





#79

Naphthalene

Concen: 9.487 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. -0.016 min

Lab File: VL040582.D

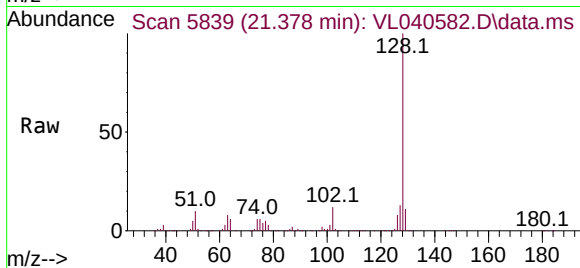
Acq: 31 Jul 2023 21:22

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 284975

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

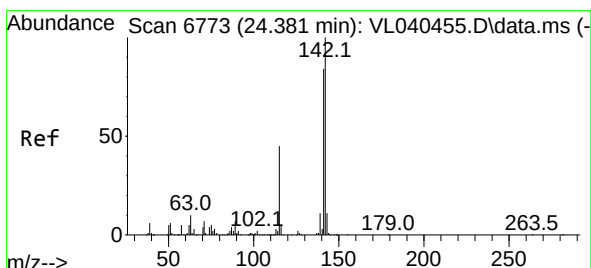
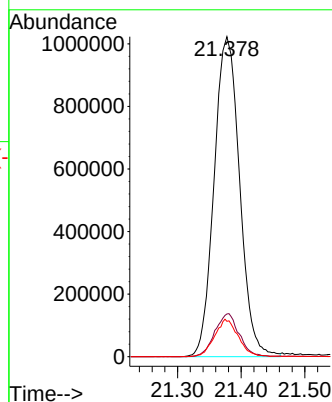
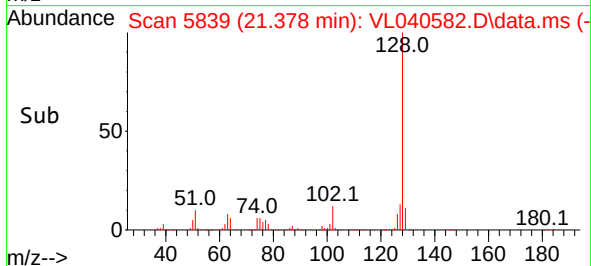
129 11.1 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#80

Naphthalene,2-methyl-

Concen: 6.520 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. -0.010 min

Lab File: VL040582.D

Acq: 31 Jul 2023 21:22

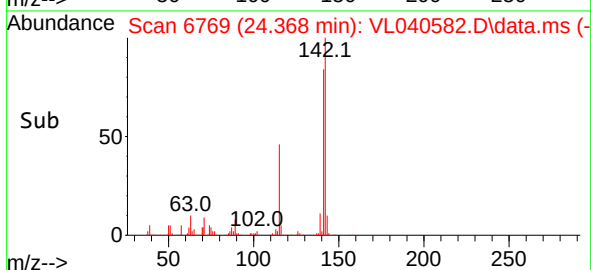
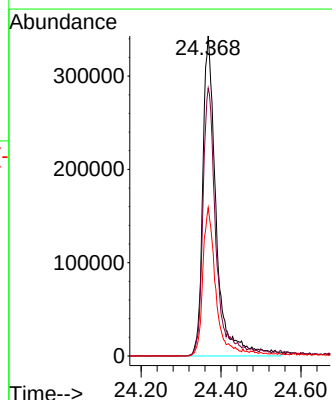
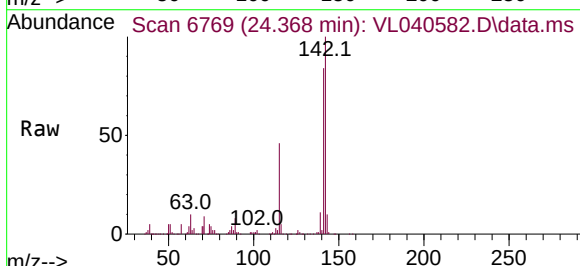
Tgt Ion:142 Resp: 807590

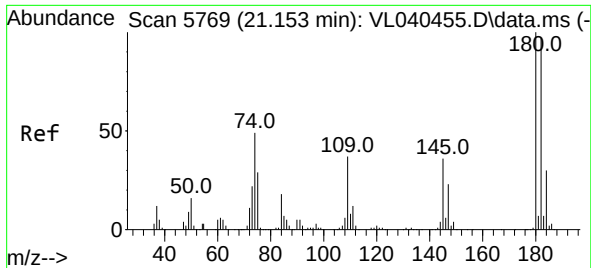
Ion Ratio Lower Upper

142 100

141 82.6 66.7 100.1

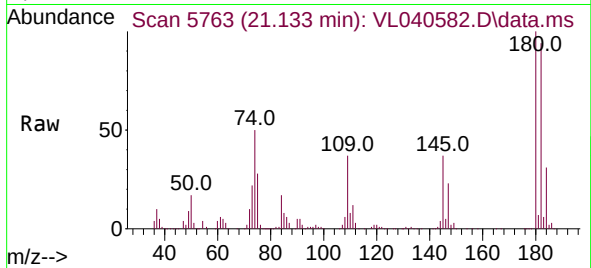
115 46.7 33.0 49.6





#81
1,2,4-Trichlorobenzene
Concen: 8.071 ppbv
RT: 21.133 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL040582.D
Acq: 31 Jul 2023 21:22

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:180 Resp: 1670870
Ion Ratio Lower Upper
180 100
182 97.5 77.5 116.3
184 30.7 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

