

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040073.D
 Acq On : 9 Jan 2023 13:16
 Operator : SY/MD
 Sample : VL0109ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 00:24:12 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

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

QLast Update : Tue Jan 10 00:22:08 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1113727	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3085206	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2979040	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2332608 10.250 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	1932321	9.269	ppbv	99
3) Chlorodifluoromethane	2.661	51	1282766	7.806	ppbv	98
4) Chloromethane	2.800	50	816886	7.934	ppbv	96
5) Vinyl Chloride	2.909	62	710294	8.526	ppbv	99
6) Bromomethane	3.108	94	241970	7.905	ppbv	95
7) Chloroethane	3.189	64	263504	8.384	ppbv	97
8) Dichlorotetrafluoroethane	2.845	85	1698801	7.745	ppbv	100
9) Propene	2.681	41	580636	8.326	ppbv	100
10) Heptane	7.584	43	1426414	8.381	ppbv	99
11) Trichlorofluoromethane	3.555	101	1740638	7.684	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1286332	7.498	ppbv	96
13) Ethanol	3.234	45	46737m	7.121	ppbv	
14) Bromoethene	3.359	108	535766	8.293	ppbv	100
15) Acetone	3.459	43	1302244	7.559	ppbv	99
16) 1,3-Butadiene	2.973	39	646306	8.630	ppbv	100
17) tert-Butyl alcohol	3.874	59	1291901	7.606	ppbv	100
18) 1,1-Dichloroethene	3.874	96	596915	7.993	ppbv	95
19) Isopropyl Alcohol	3.568	45	649273	7.647	ppbv #	98
20) Methylene Chloride	3.928	84	530773	7.248	ppbv	97
21) Allyl Chloride	3.989	41	912496	8.814	ppbv	98
22) trans-1,2-Dichloroethene	4.443	96	628622	8.446	ppbv	96
23) Vinyl Acetate	4.623	43	485257	8.884	ppbv #	97
24) 1,1-Dichloroethane	4.562	63	1268913	7.911	ppbv	100
25) Ethyl Acetate	5.205	43	2487687	8.337	ppbv	99
26) Hexane	5.211	57	1090033	8.692	ppbv	96
27) Carbon Disulfide	4.118	76	1571602	9.936	ppbv	98
28) Methyl tert-Butyl Ether	4.584	73	1186512	8.028	ppbv	100
29) Chloroform	5.275	83	1745173	9.119	ppbv	98
30) Cyclohexane	6.603	84	951652	8.569	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	992385	8.309	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	1803793	8.804	ppbv	100
34) 2-Butanone	4.783	43	1431566	8.553	ppbv	100
35) Carbon Tetrachloride	6.500	117	1894487	9.886	ppbv	95
36) Benzene	6.375	78	2380862	8.641	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1369423	8.472	ppbv	100
38) Trichloroethene	7.298	130	1355759	9.575	ppbv	97
39) 1,2-Dichloropropane	7.079	63	899356	8.708	ppbv	97
40) 1,4-Dioxane	7.291	88	365541	7.853	ppbv	82
41) Tetrahydrofuran	5.562	42	920765	8.814	ppbv	100
42) Bromodichloromethane	7.253	83	2034790	9.189	ppbv	97
43) Methyl Methacrylate	7.478	69	948774	9.175	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3862141	8.514	ppbv	100
45) t-1,3-Dichloropropene	8.719	75	932618	10.671	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M

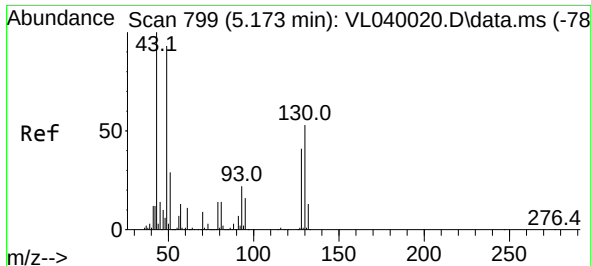
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Jan 10 00:22:08 2023

Response via : Initial Calibration

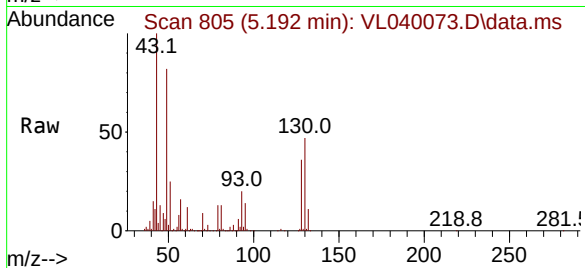
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1255223	10.183	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	962300	8.508	ppbv	98
48) Dibromochloromethane	9.719	129	1646639	9.573	ppbv	100
49) Bromoform	12.420	173	1261505	9.614	ppbv	100
50) 4-Methyl-2-Pentanone	8.188	43	2350297	8.596	ppbv	99
51) 2-Hexanone	9.561	43	1835751	8.631	ppbv	99
52) Tetrachloroethene	10.626	164	807337	8.618	ppbv	96
53) Toluene	9.230	91	2678339	8.779	ppbv	100
54) 1,2-Dibromoethane	10.018	107	1091103	8.958	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.520	131	1148831	8.360	ppbv	100
57) Chlorobenzene	11.539	112	1995533	7.891	ppbv	97
58) Ethyl Benzene	12.098	91	3515836	8.306	ppbv	100
59) m/p-Xylene	12.384	91	5915627m	16.043	ppbv	
60) o-Xylene	13.069	91	2787091	7.890	ppbv	100
61) Styrene	12.909	104	1658168	8.752	ppbv	99
62) Isopropylbenzene	14.040	105	3903779	7.665	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	908455m	7.014	ppbv	
64) n-propylbenzene	14.931	120	987691	7.678	ppbv	99
65) tert-Butylbenzene	16.101	119	3324093	7.511	ppbv	100
66) Benzyl Chloride	16.342	91	258067	9.999	ppbv	96
67) sec-Butylbenzene	16.651	105	4625869	7.458	ppbv	100
69) p-Isopropyltoluene	17.008	119	3758718	7.586	ppbv	100
70) n-Butylbenzene	17.899	91	3923214	7.558	ppbv	100
71) 2-Chlorotoluene	14.812	91	2943186	7.574	ppbv	100
72) 4-Ethyltoluene	15.211	105	3101520	7.907	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2717458	7.682	ppbv	98
74) 1,2,4-Trimethylbenzene	16.121	105	2911989	7.468	ppbv	99
75) 1,3-Dichlorobenzene	16.342	146	1627087	7.626	ppbv	100
76) 1,4-Dichlorobenzene	16.487	146	1583094	7.600	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1561397	7.631	ppbv	99
78) Hexachloro-1,3-Butadiene	22.651	225	1137116	8.011	ppbv #	100
79) Naphthalene	21.403	128	2390680	10.289	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	524100	7.373	ppbv	98
81) 1,2,4-Trichlorobenzene	21.153	180	1223135	8.863	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

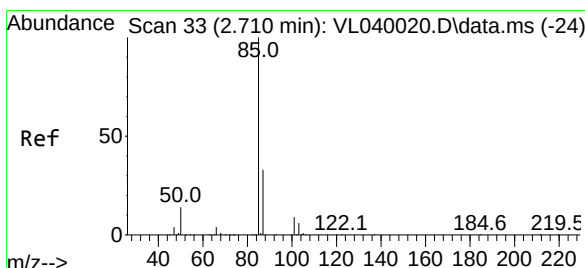
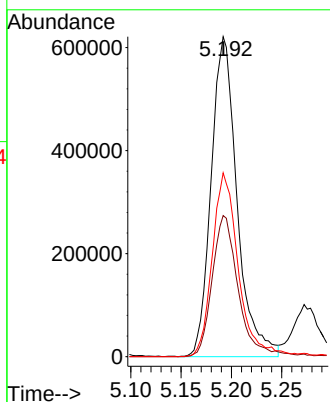
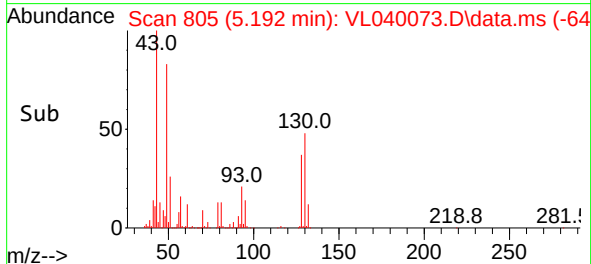
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 49 Resp: 111372
Ion Ratio Lower Upper
49 100
128 45.3 22.4 67.3
130 58.6 28.9 86.8

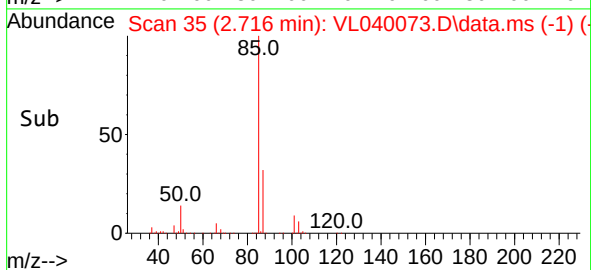
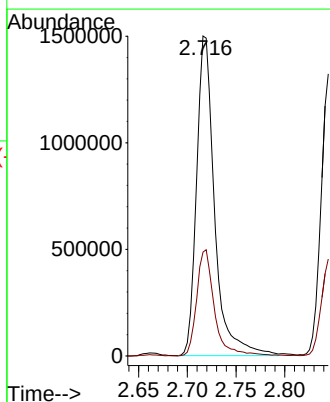
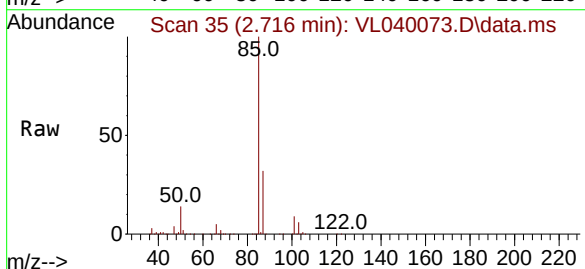
Manual Integrations
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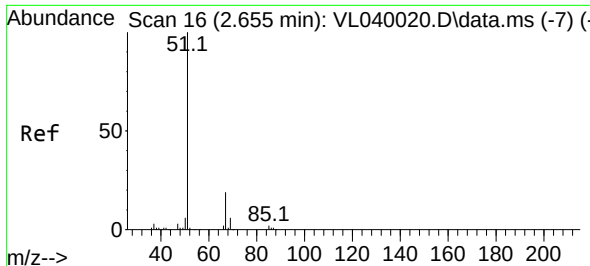
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#2
Dichlorodifluoromethane
Concen: 9.269 ppbv
RT: 2.716 min Scan# 35
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

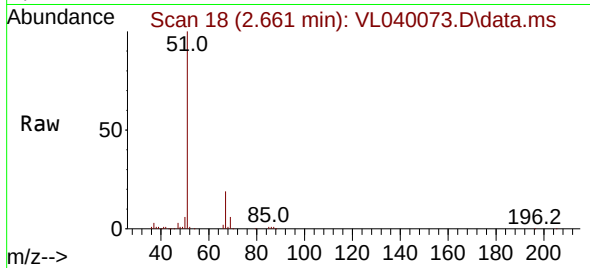
Tgt Ion: 85 Resp: 1932321
Ion Ratio Lower Upper
85 100
87 32.5 26.6 40.0





#3
Chlorodifluoromethane
Concen: 7.806 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

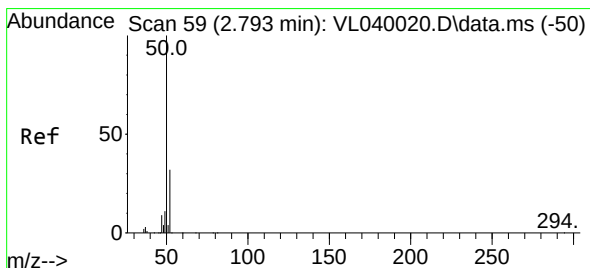
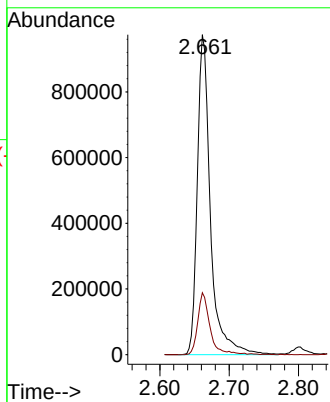
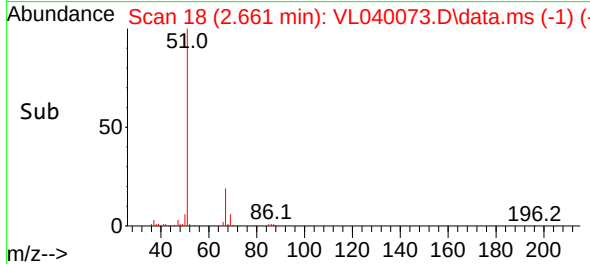
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 51 Resp: 128276
Ion Ratio Lower Upper
51 100
67 18.3 15.3 22.9

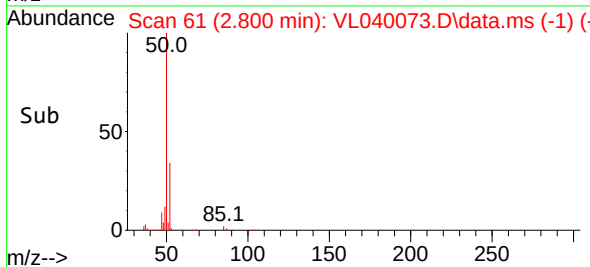
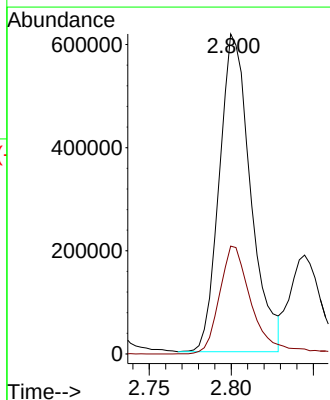
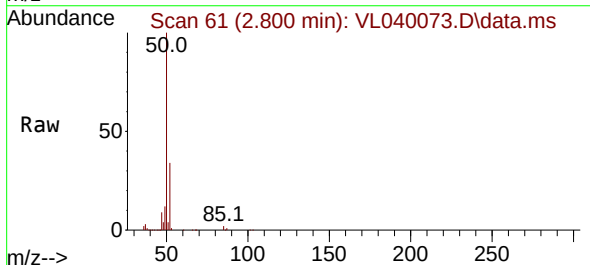
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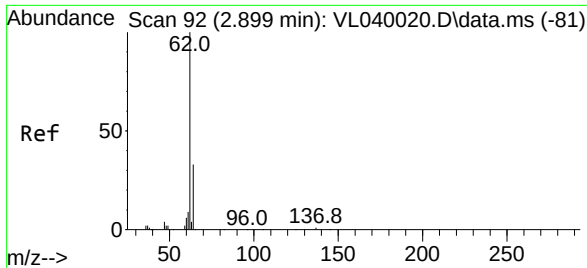
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#4
Chloromethane
Concen: 7.934 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion: 50 Resp: 816886
Ion Ratio Lower Upper
50 100
52 33.9 25.5 38.3





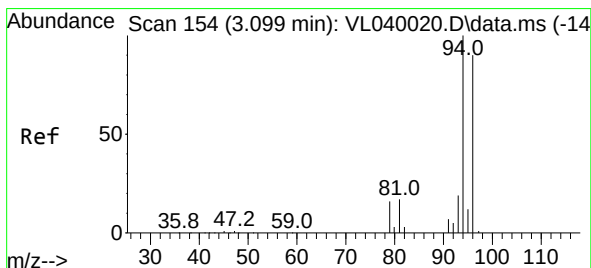
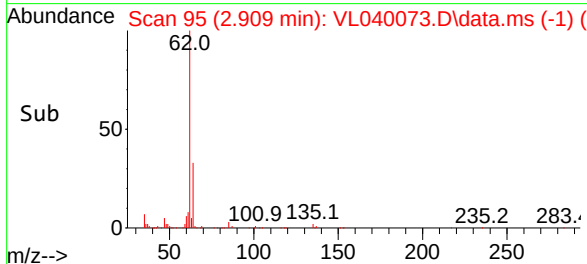
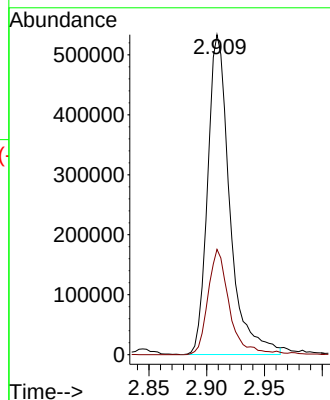
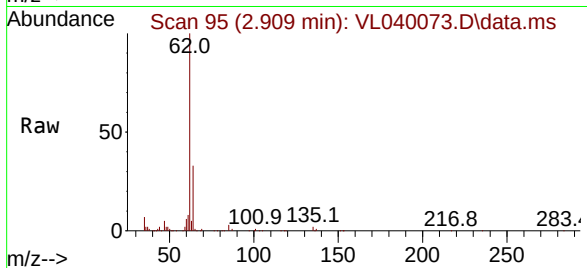
#5
 Vinyl Chloride
 Concen: 8.526 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABS01

Tgt Ion: 62 Resp: 710294
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.1 39.1

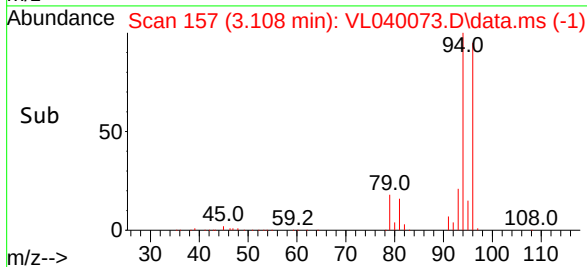
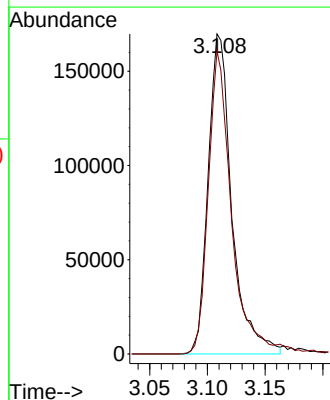
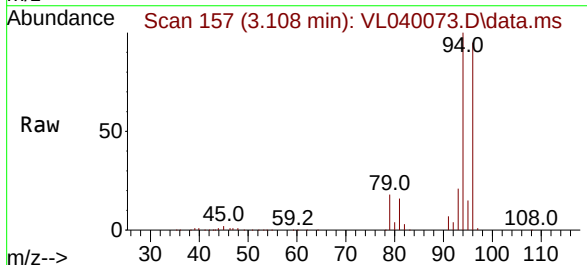
Manual Integrations
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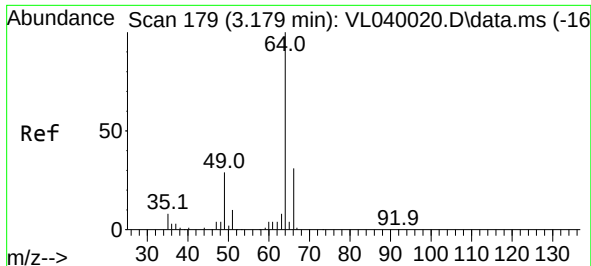
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023



#6
 Bromomethane
 Concen: 7.905 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.003 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16

Tgt Ion: 94 Resp: 241970
 Ion Ratio Lower Upper
 94 100
 96 94.6 72.0 108.0





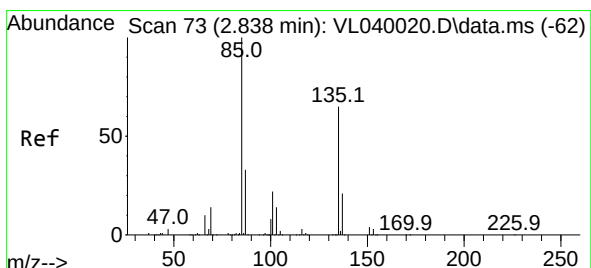
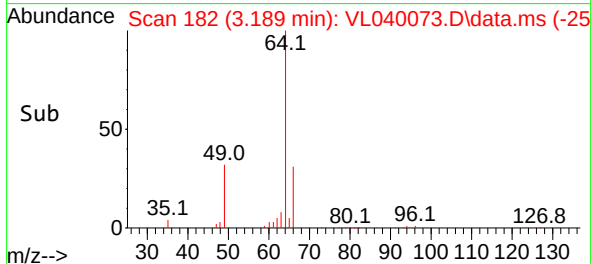
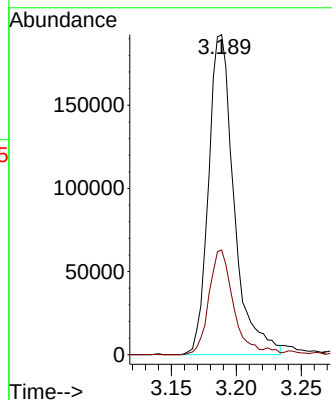
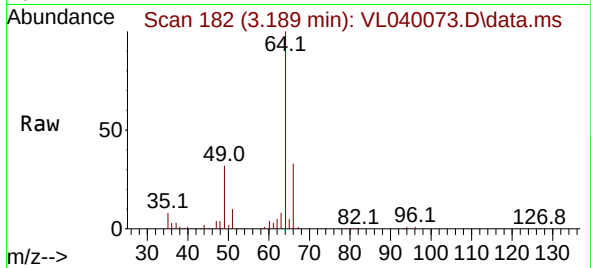
#7
Chloroethane
Concen: 8.384 ppbv
RT: 3.189 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01

Tgt Ion: 64 Resp: 263504
Ion Ratio Lower Upper
64 100
66 32.7 24.6 37.0

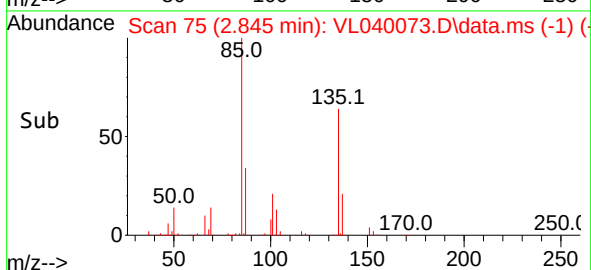
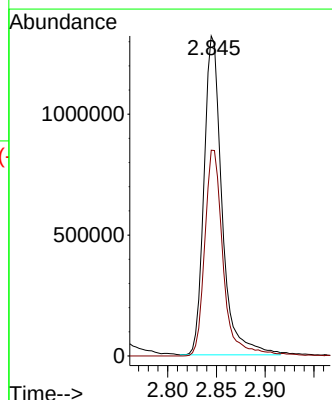
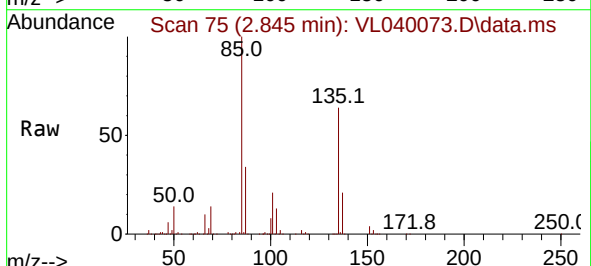
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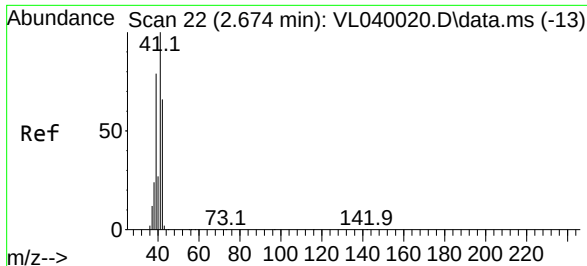
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#8
Dichlorotetrafluoroethane
Concen: 7.745 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

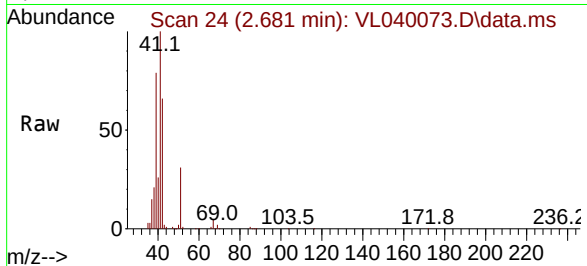
Tgt Ion: 85 Resp: 1698801
Ion Ratio Lower Upper
85 100
135 66.6 53.2 79.8





#9
 Propene
 Concen: 8.326 ppbv
 RT: 2.681 min Scan# 24
 Delta R.T. 0.003 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16

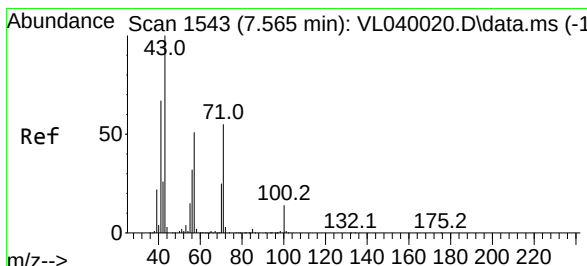
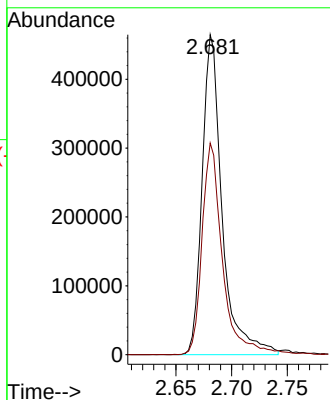
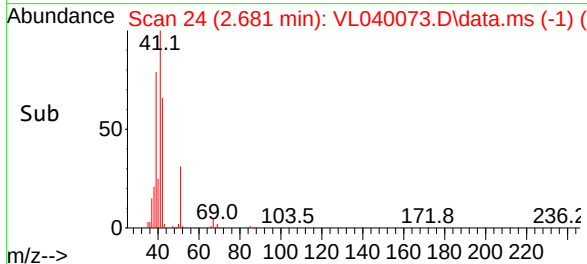
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABS01



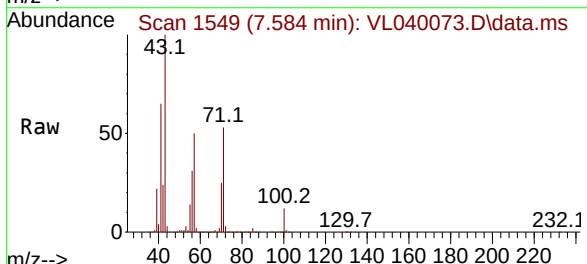
Tgt Ion: 41 Resp: 580630
 Ion Ratio Lower Upper
 41 100
 42 68.3 54.8 82.2

Manual Integrations
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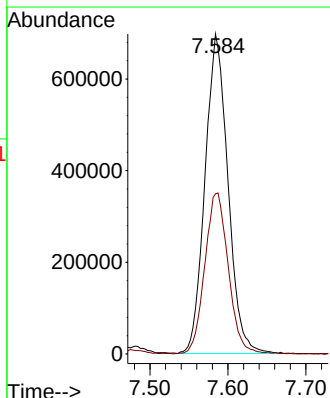
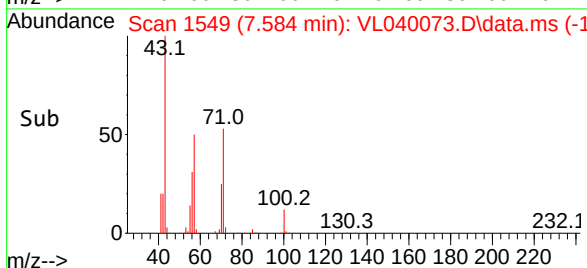
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

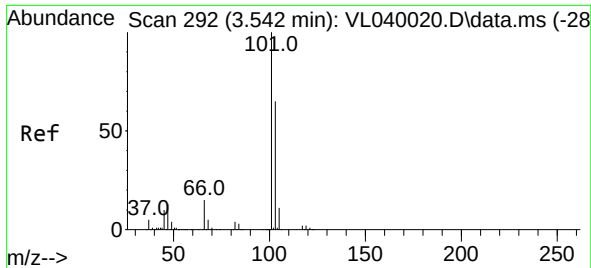


#10
 Heptane
 Concen: 8.381 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16



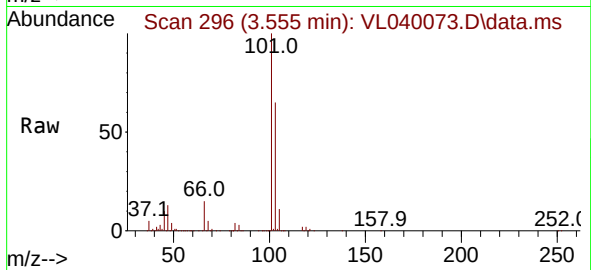
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 Ion Ratio Lower Upper
 43 100
 57 52.0 41.2 61.8





#11
 Trichlorofluoromethane
 Concen: 7.684 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.003 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16

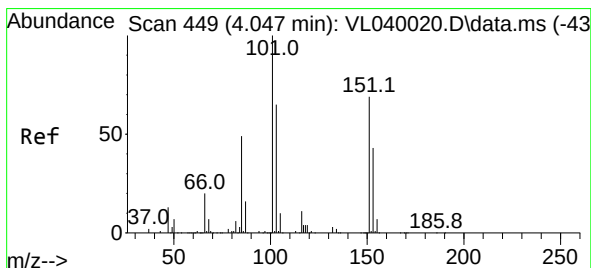
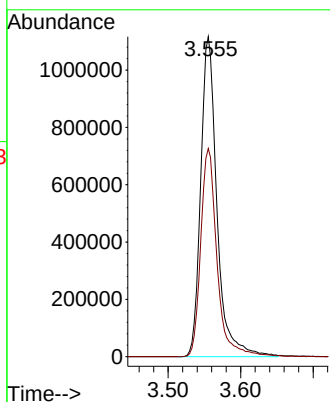
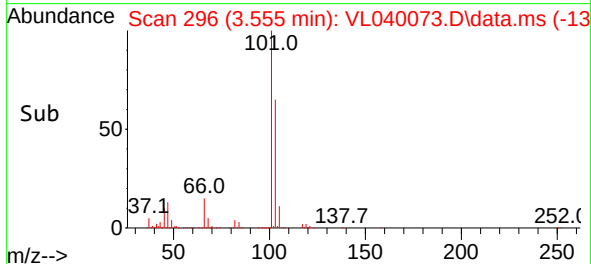
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABS01



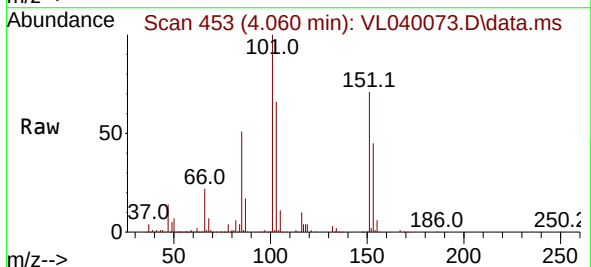
Tgt Ion:101 Resp: 1740638
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.7 77.5

Manual Integrations
 APPROVED

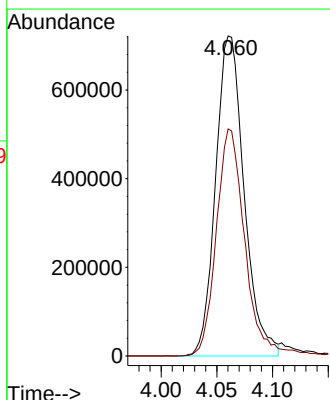
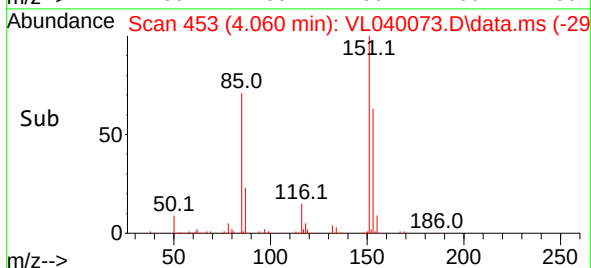
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023

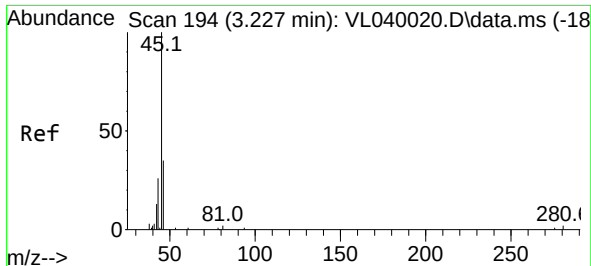


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.498 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16



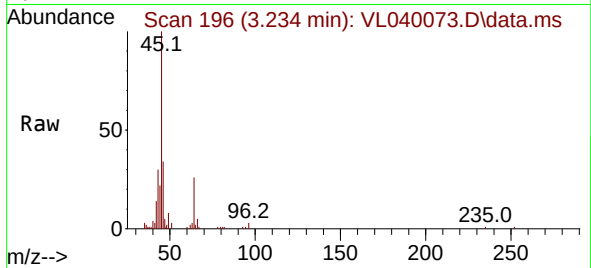
Tgt Ion:101 Resp: 1286332
 Ion Ratio Lower Upper
 101 100
 151 71.6 55.0 82.4





#13
Ethanol
Concen: 7.121 ppbv m
RT: 3.234 min Scan# 194
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

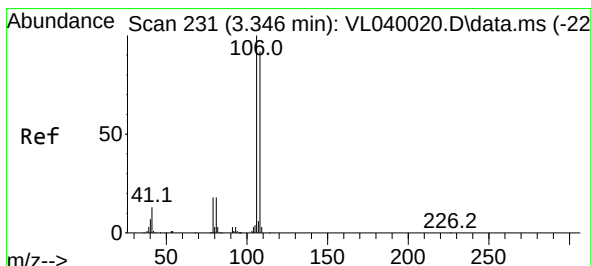
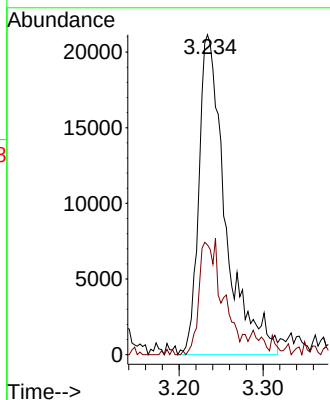
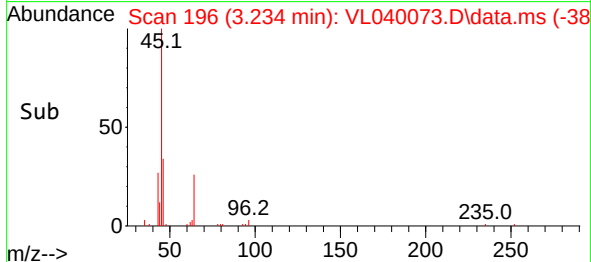
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 45 Resp: 4673
Ion Ratio Lower Upper
45 100
46 33.0 13.7 54.7

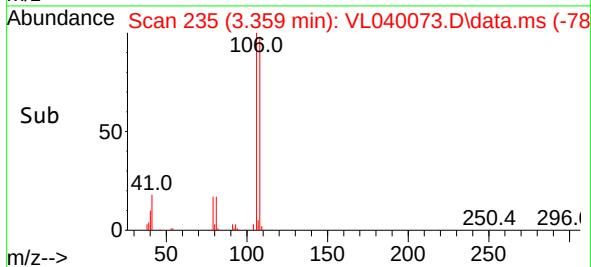
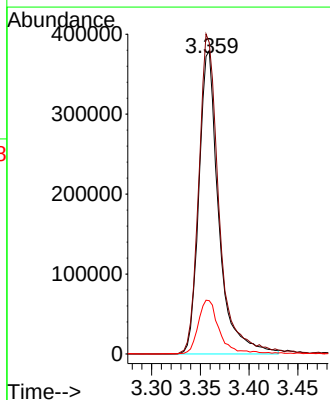
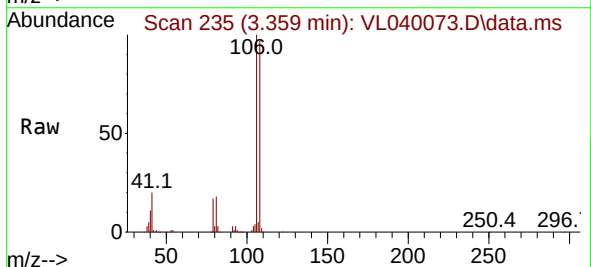
Manual Integrations
APPROVED

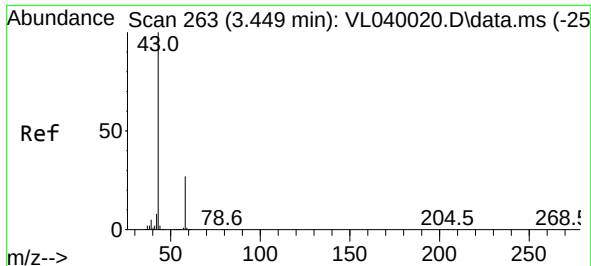
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#14
Bromoethene
Concen: 8.293 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

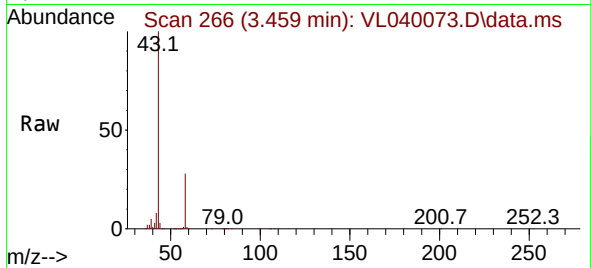
Tgt Ion:108 Resp: 535766
Ion Ratio Lower Upper
108 100
106 109.4 87.5 131.3
79 19.5 15.8 23.8





#15
Acetone
Concen: 7.559 ppbv
RT: 3.459 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

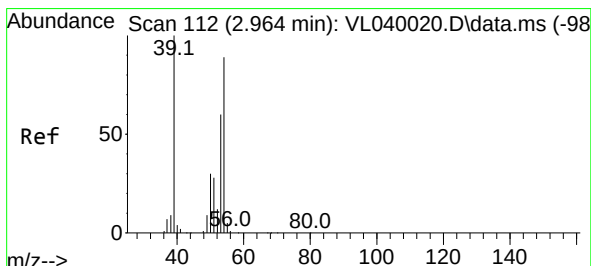
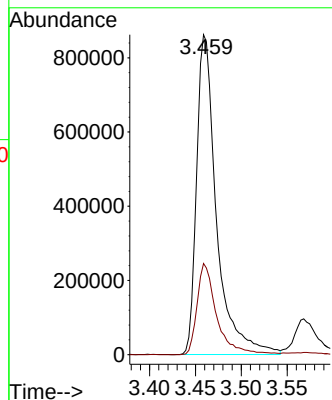
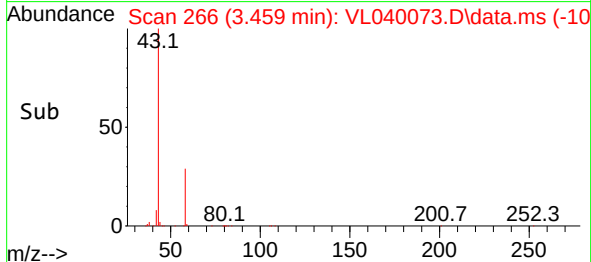
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 43 Resp: 130224
Ion Ratio Lower Upper
43 100
58 28.1 21.8 32.8

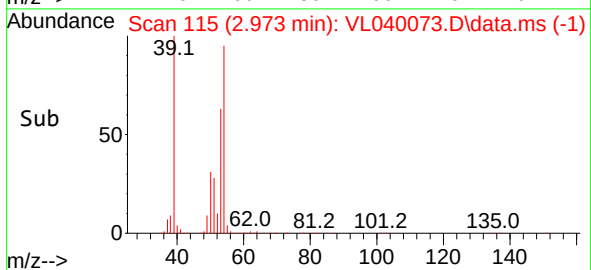
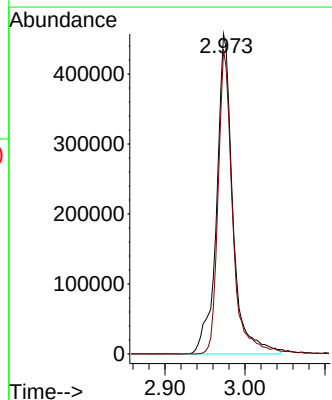
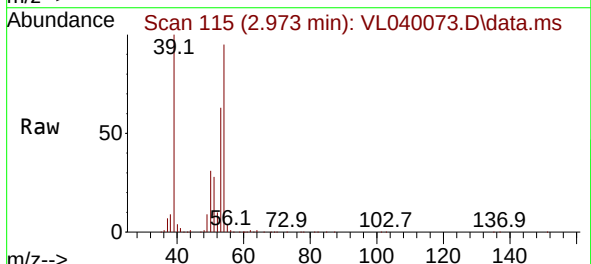
Manual Integrations
APPROVED

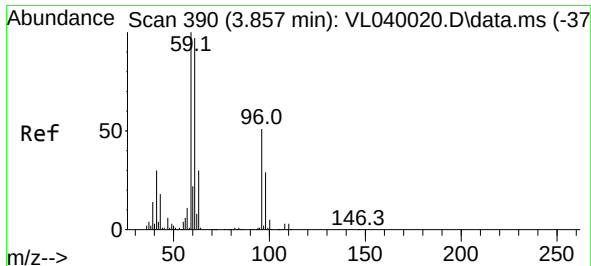
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#16
1,3-Butadiene
Concen: 8.630 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

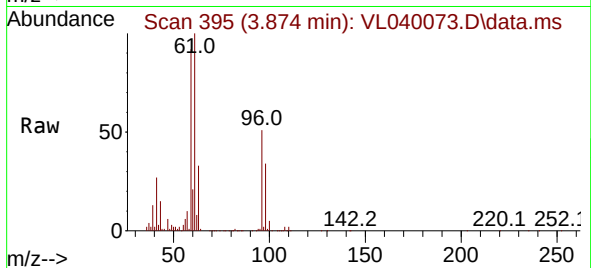
Tgt Ion: 39 Resp: 646306
Ion Ratio Lower Upper
39 100
54 85.4 68.3 102.5





#17
tert-Butyl alcohol
Concen: 7.606 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

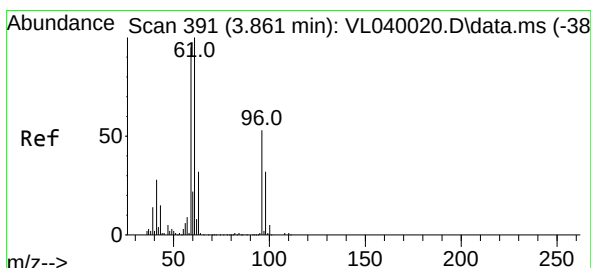
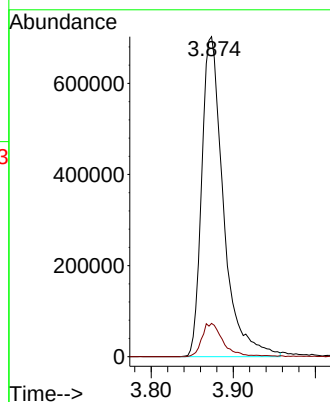
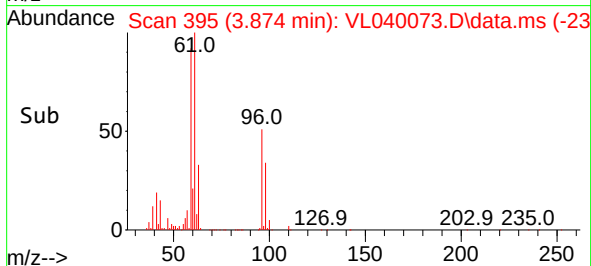
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 59 Resp: 129190
Ion Ratio Lower Upper
59 100
57 10.5 8.4 12.6

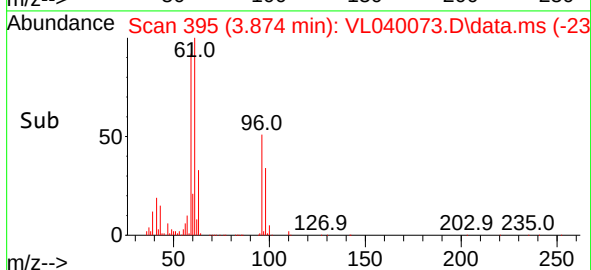
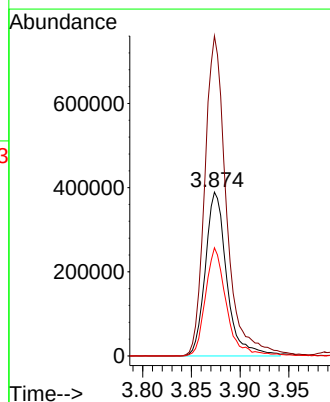
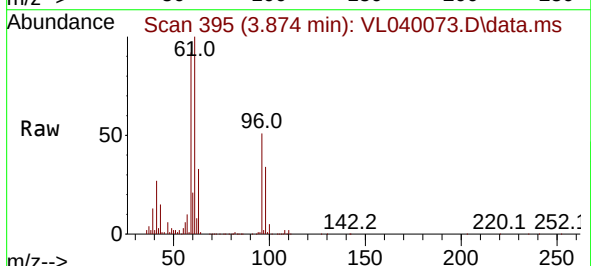
Manual Integrations
APPROVED

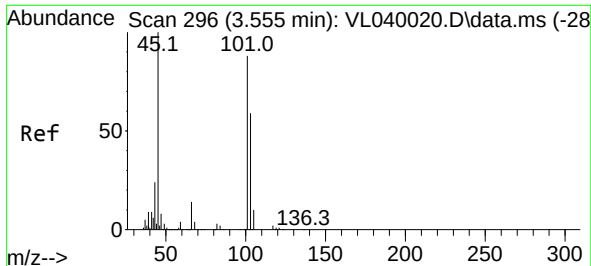
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#18
1,1-Dichloroethene
Concen: 7.993 ppbv
RT: 3.874 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion: 96 Resp: 596915
Ion Ratio Lower Upper
96 100
61 195.2 151.0 226.6
98 66.0 47.7 71.5





#19

Isopropyl Alcohol

Concen: 7.647 ppbv

RT: 3.568 min Scan# 300

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion: 45 Resp: 649273

Ion Ratio Lower Upper

45 100

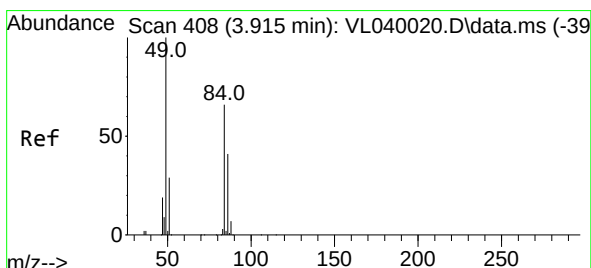
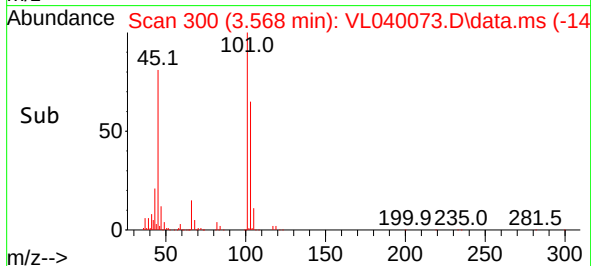
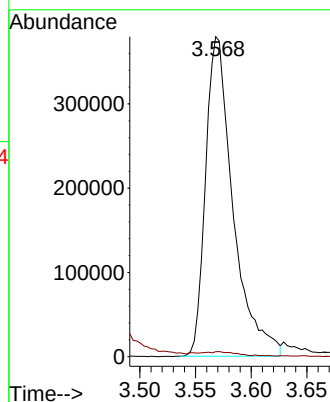
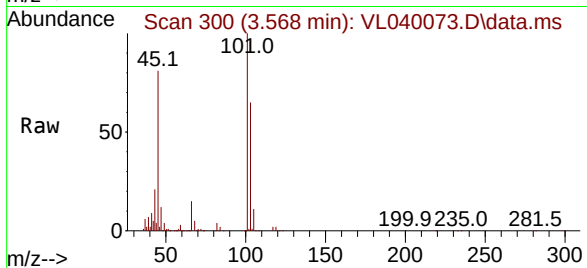
58 2.8 1.7 2.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#20

Methylene Chloride

Concen: 7.248 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Tgt Ion: 84 Resp: 530773

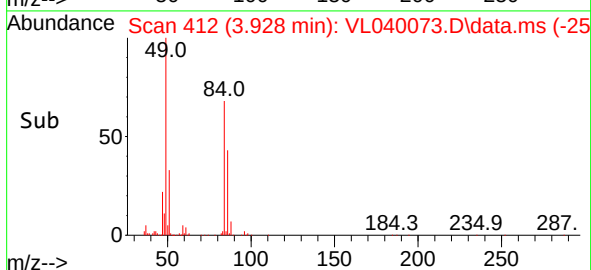
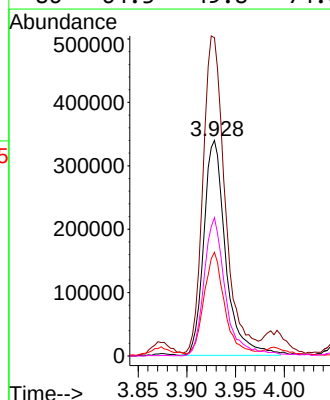
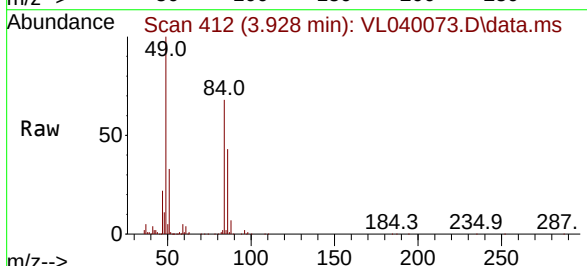
Ion Ratio Lower Upper

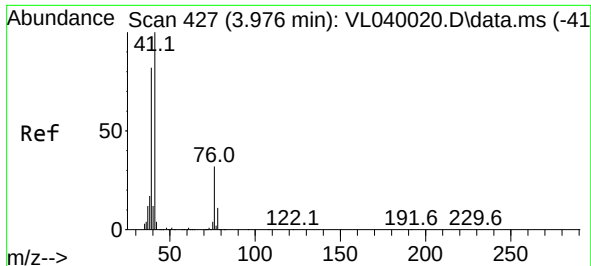
84 100

49 146.4 120.5 180.7

51 46.4 35.2 52.8

86 64.3 49.8 74.6





#21

Allyl Chloride

Concen: 8.814 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion: 41 Resp: 912490

Ion Ratio Lower Upper

41 100

76 31.9 25.9 38.9

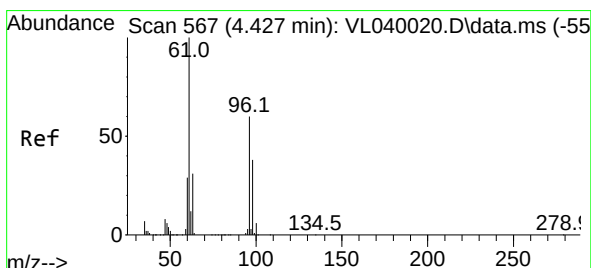
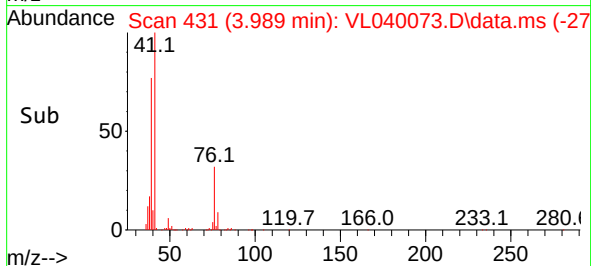
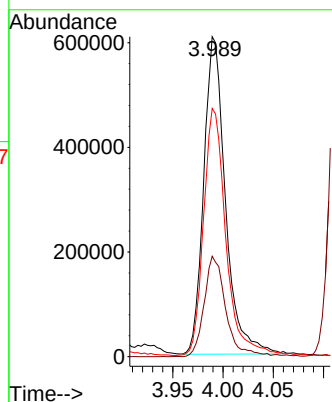
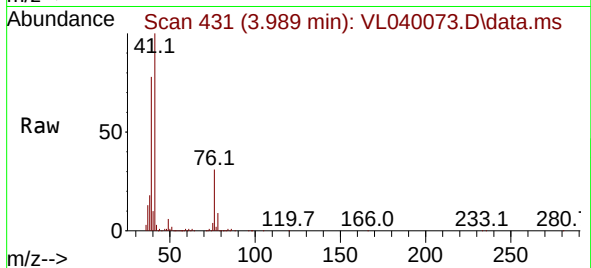
39 80.5 66.0 99.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#22

trans-1,2-Dichloroethene

Concen: 8.446 ppbv

RT: 4.443 min Scan# 572

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

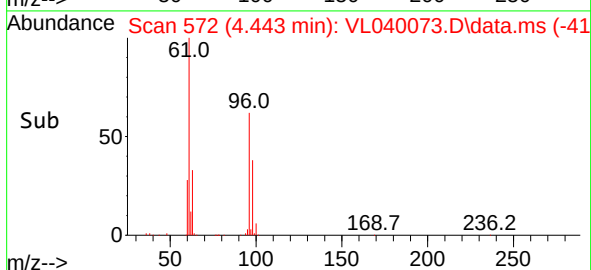
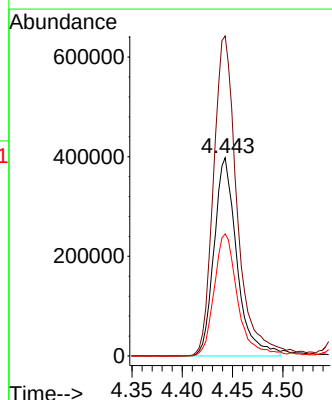
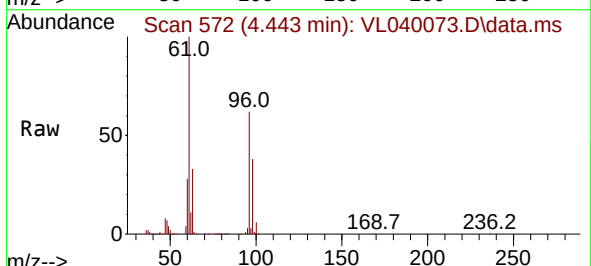
Tgt Ion: 96 Resp: 628622

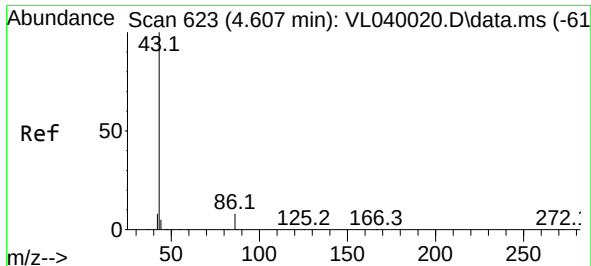
Ion Ratio Lower Upper

96 100

61 161.4 133.6 200.4

98 61.6 51.4 77.0





#23
 Vinyl Acetate
 Concen: 8.884 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

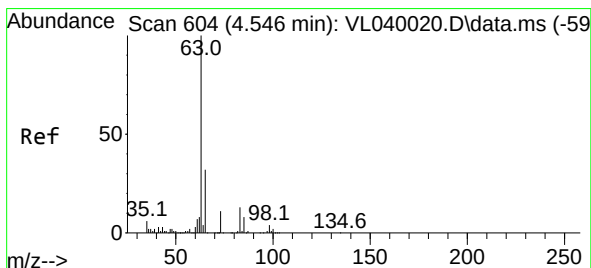
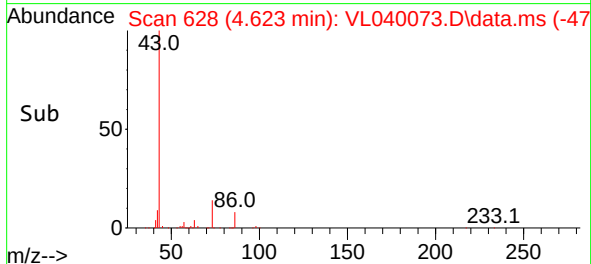
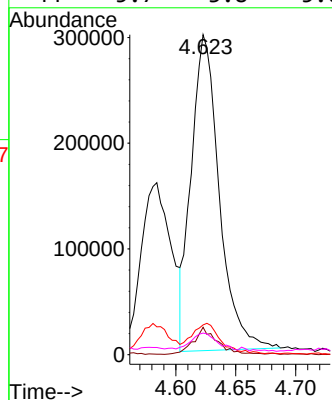
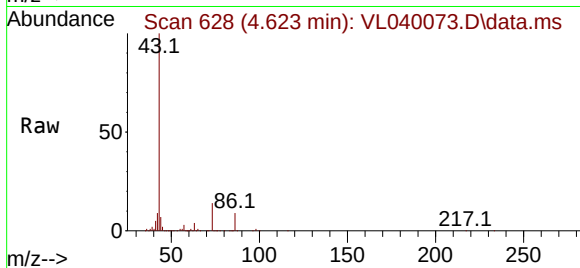
VL0109ABS01

Tgt Ion: 43 Resp: 48525
 Ion Ratio Lower Upper
 43 100
 86 8.6 5.3 7.9
 42 9.2 7.4 11.0
 44 5.7 3.8 5.6#

Manual Integrations

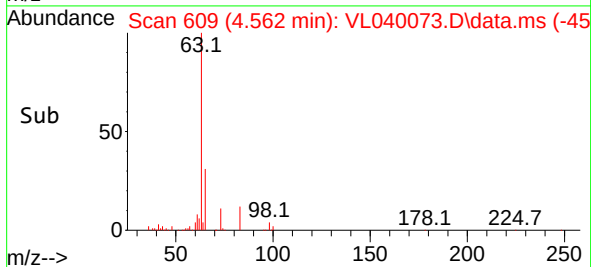
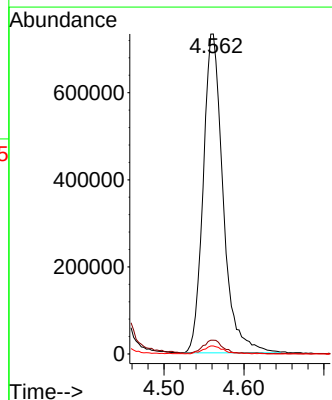
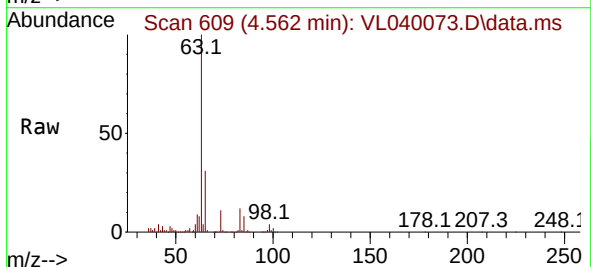
APPROVED

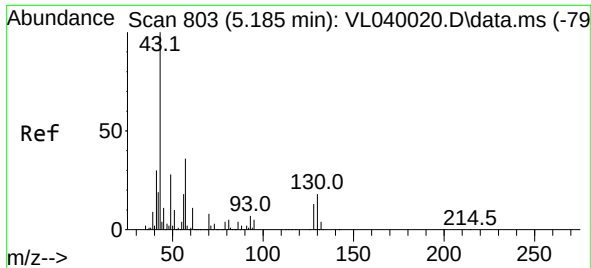
Reviewed By :Semsettin Yesilyurt 01/11/2023
 Supervised By :Mahesh Dadoda 01/11/2023



#24
 1,1-Dichloroethane
 Concen: 7.911 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. 0.003 min
 Lab File: VL040073.D
 Acq: 9 Jan 2023 13:16

Tgt Ion: 63 Resp: 1268913
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.1 6.2
 100 2.5 1.1 3.3





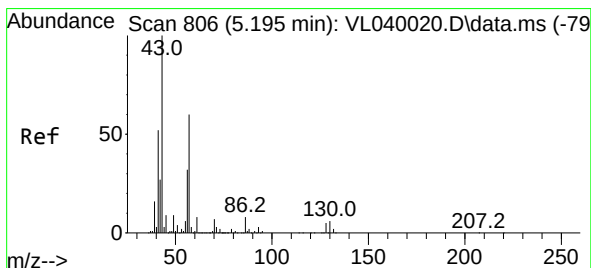
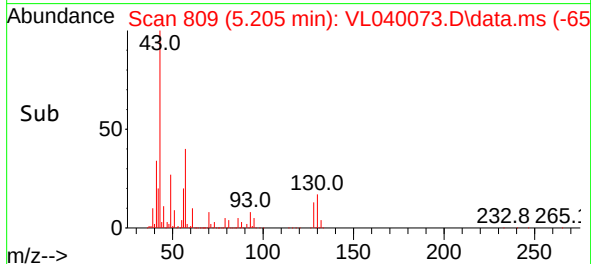
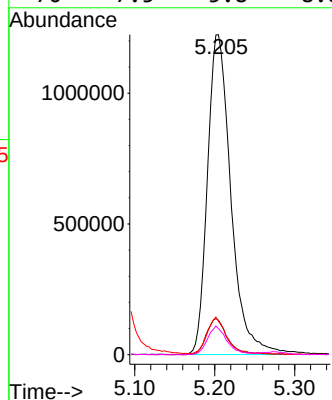
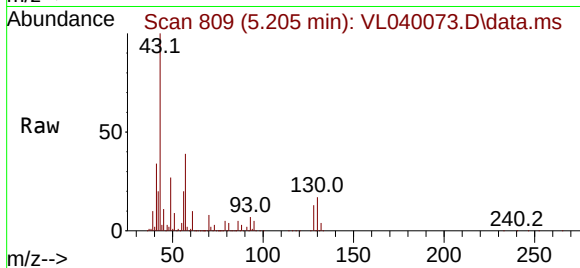
#25
Ethyl Acetate
Concen: 8.337 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01

Tgt Ion: 43 Resp: 248768
Ion Ratio Lower Upper
43 100
45 10.3 8.6 12.8
61 10.4 8.5 12.7
70 7.5 5.8 8.8

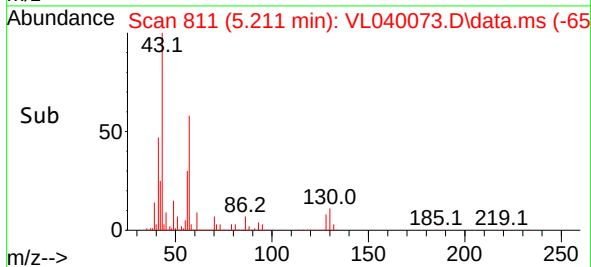
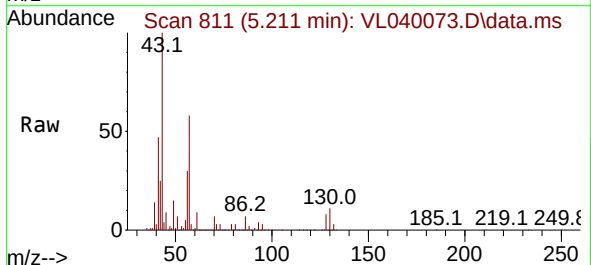
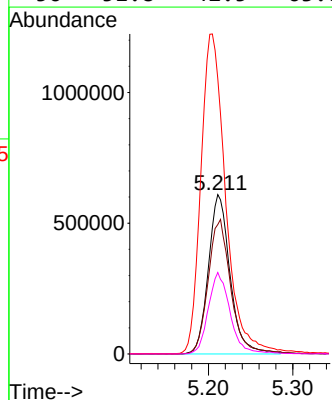
Manual Integrations
APPROVED

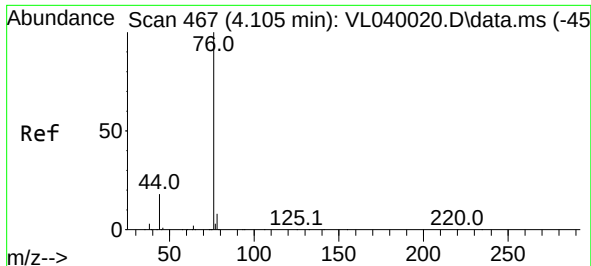
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#26
Hexane
Concen: 8.692 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion: 57 Resp: 1090033
Ion Ratio Lower Upper
57 100
41 89.1 72.1 108.1
43 231.0 192.1 288.1
56 51.8 42.5 63.7





#27

Carbon Disulfide

Concen: 9.936 ppbv

RT: 4.118 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion: 76 Resp: 1571602

Ion Ratio Lower Upper

76 100

44 18.3 15.3 22.9

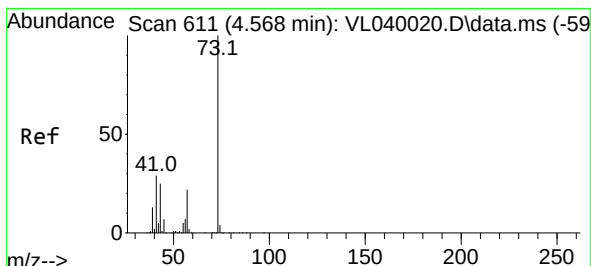
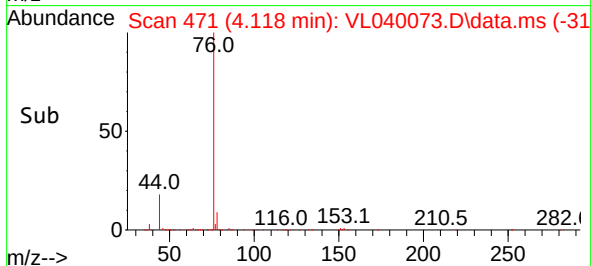
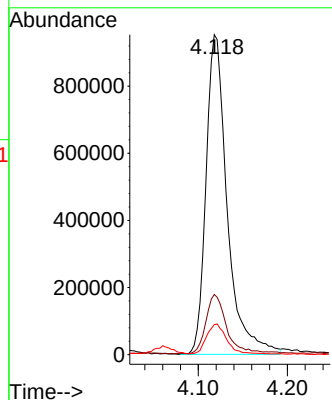
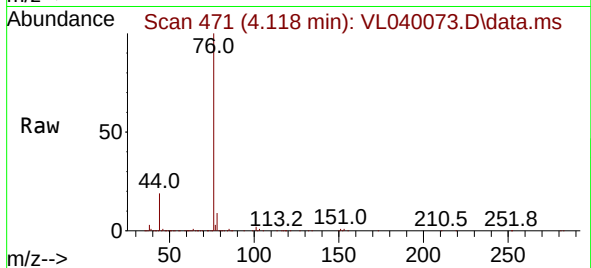
78 9.2 7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#28

Methyl tert-Butyl Ether

Concen: 8.028 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.007 min

Lab File: VL040073.D

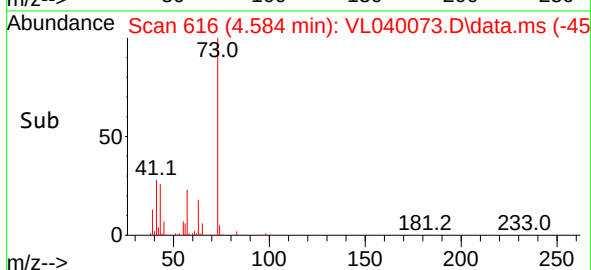
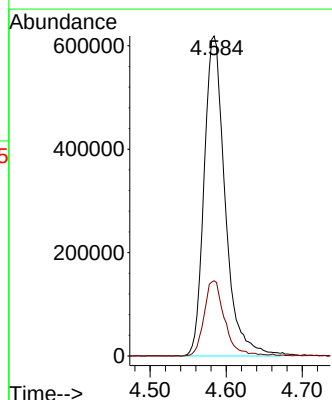
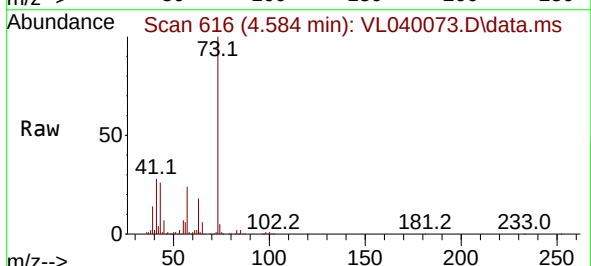
Acq: 9 Jan 2023 13:16

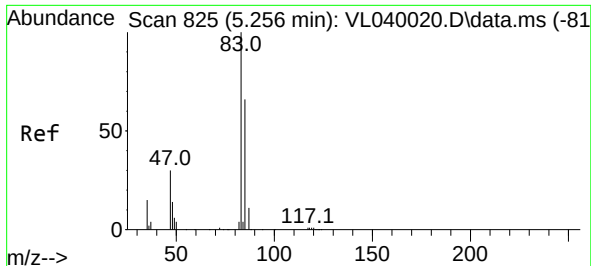
Tgt Ion: 73 Resp: 1186512

Ion Ratio Lower Upper

73 100

57 23.3 18.6 28.0





#29

Chloroform

Concen: 9.119 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion: 83 Resp: 174517

Ion Ratio Lower Upper

83 100

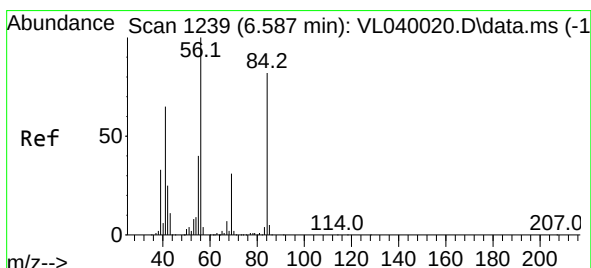
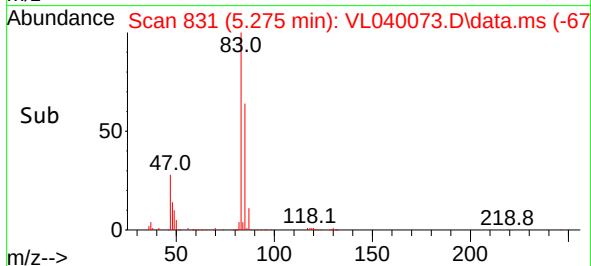
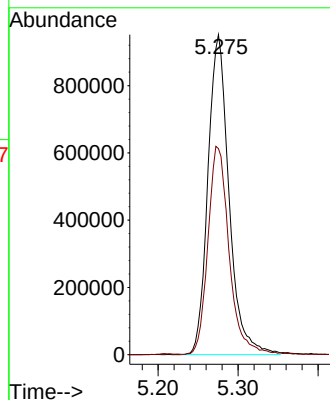
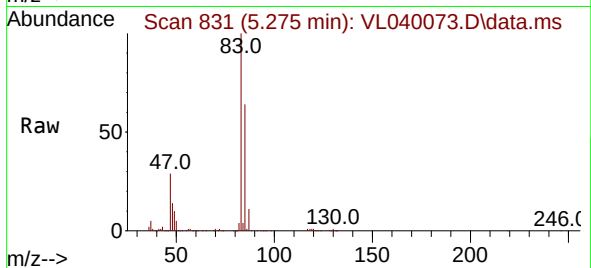
85 64.3 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#30

Cyclohexane

Concen: 8.569 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

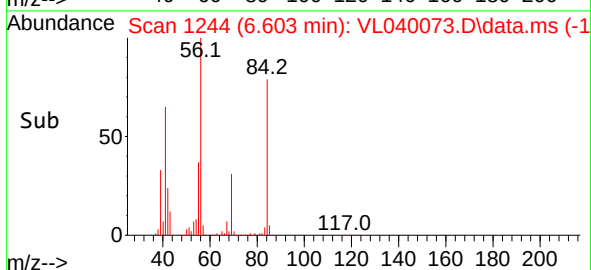
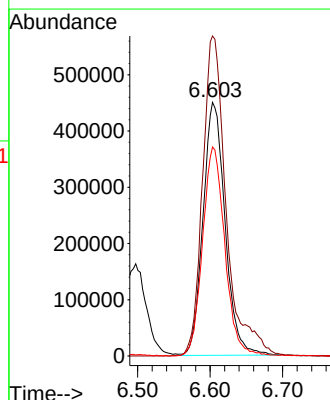
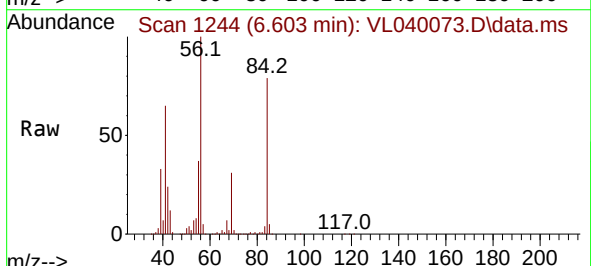
Tgt Ion: 84 Resp: 951652

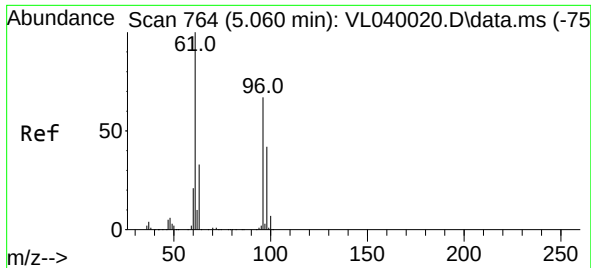
Ion Ratio Lower Upper

84 100

56 136.1 110.2 165.4

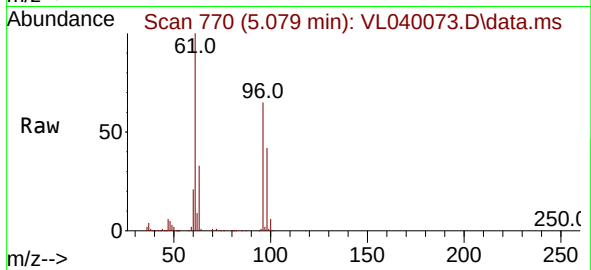
41 83.6 67.8 101.8





#31
cis-1,2-Dichloroethene
Concen: 8.309 ppbv
RT: 5.079 min Scan# 71
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

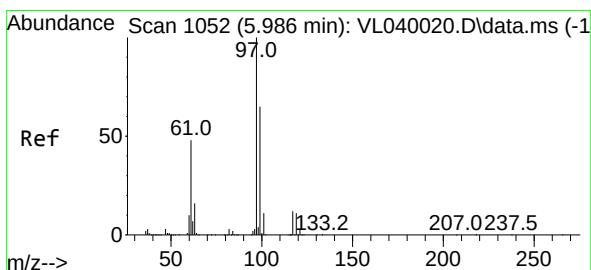
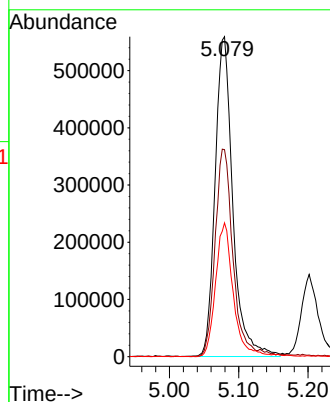
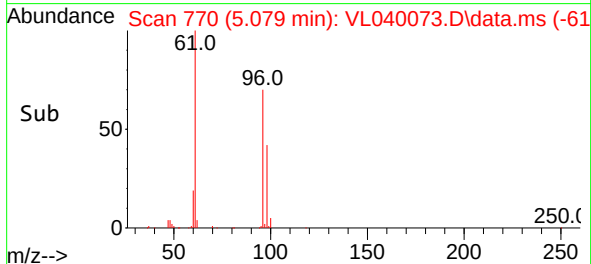
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 61 Resp: 992385
Ion Ratio Lower Upper
61 100
96 64.7 53.4 80.2
98 41.8 33.4 50.0

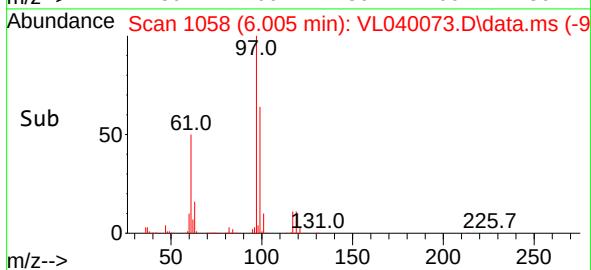
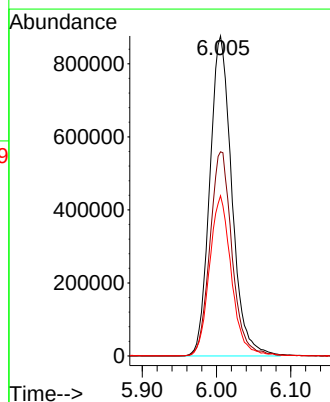
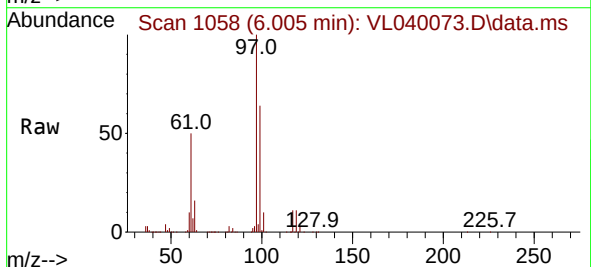
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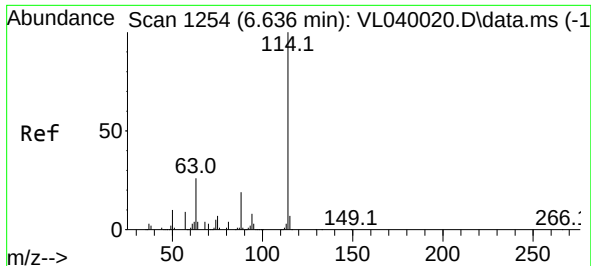
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#32
1,1,1-Trichloroethane
Concen: 8.804 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion: 97 Resp: 1803793
Ion Ratio Lower Upper
97 100
99 64.5 51.8 77.6
61 50.1 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion:114 Resp: 3085200

Ion Ratio Lower Upper

114 100

63 24.9 20.2 30.2

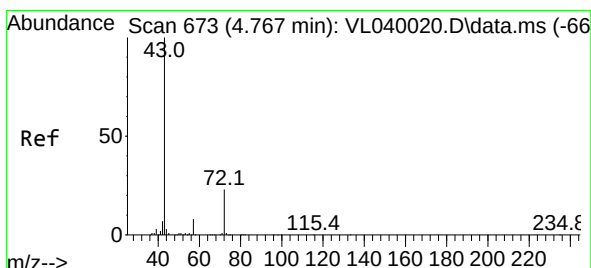
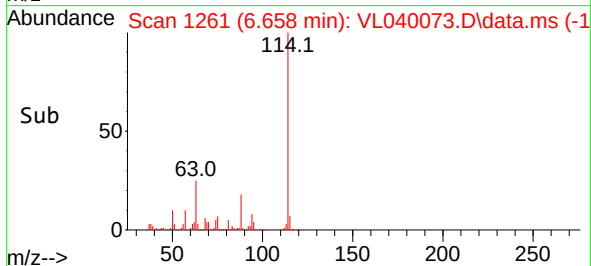
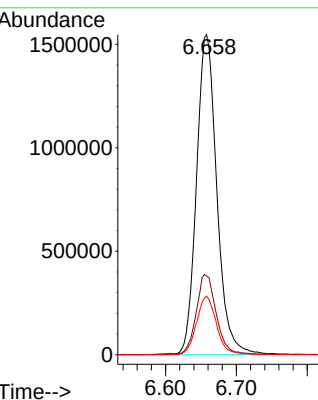
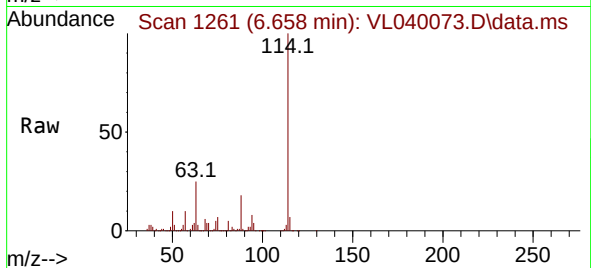
88 18.0 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#34

2-Butanone

Concen: 8.553 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.007 min

Lab File: VL040073.D

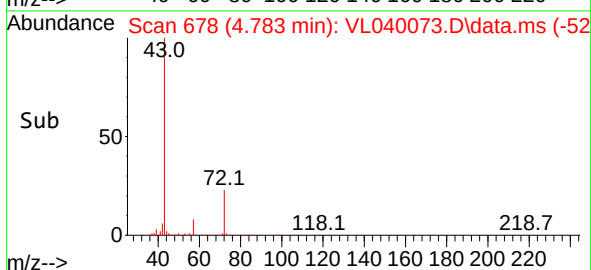
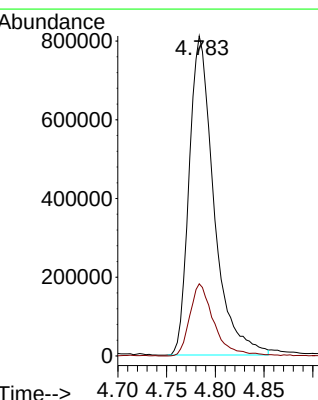
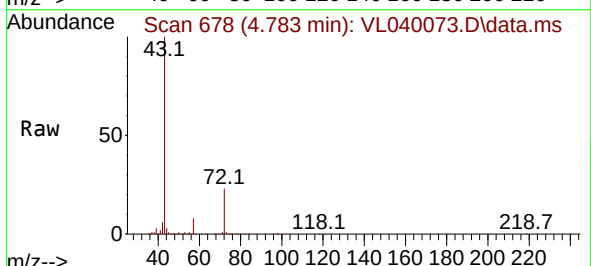
Acq: 9 Jan 2023 13:16

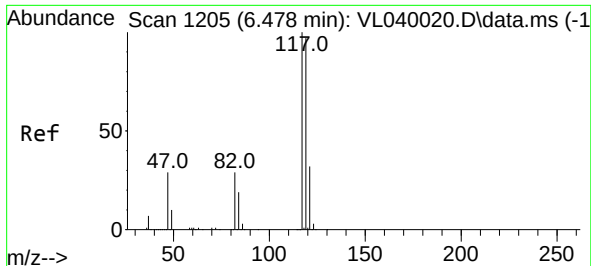
Tgt Ion: 43 Resp: 1431566

Ion Ratio Lower Upper

43 100

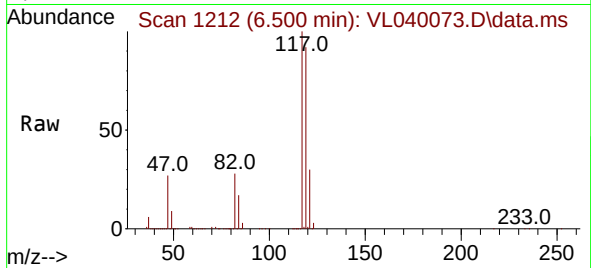
72 22.4 18.0 27.0





#35
Carbon Tetrachloride
Concen: 9.886 ppbv
RT: 6.500 min Scan# 1173
Delta R.T. 0.010 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

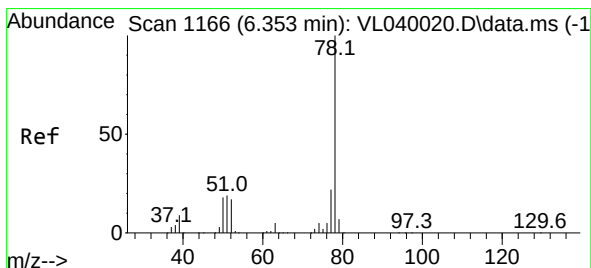
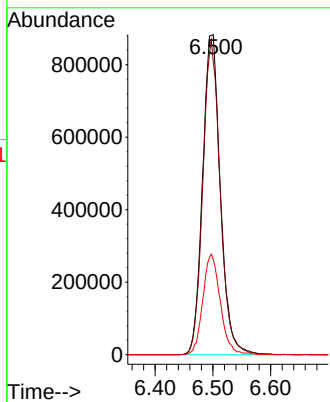
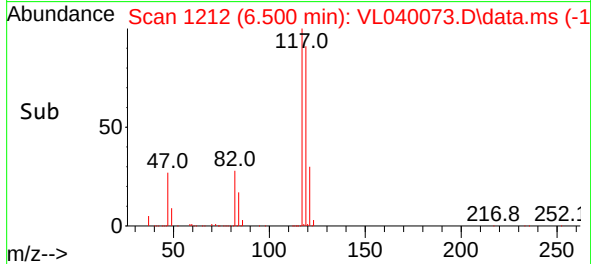
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 117 Resp: 189448
Ion Ratio Lower Upper
117 100
119 91.6 77.3 115.9
121 29.8 25.4 38.0

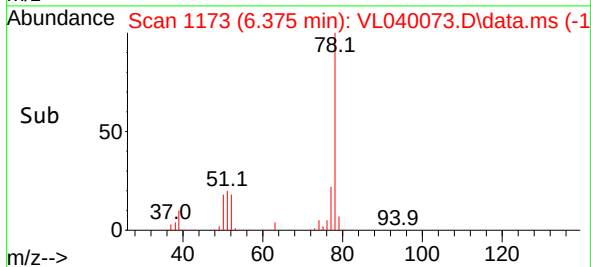
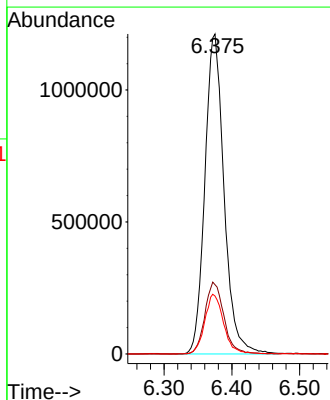
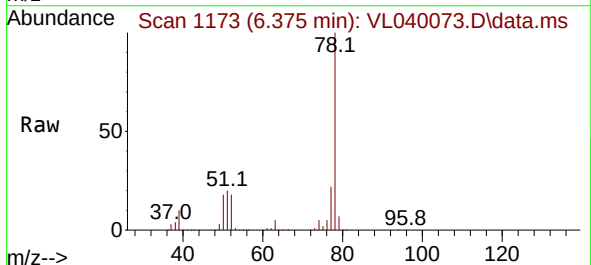
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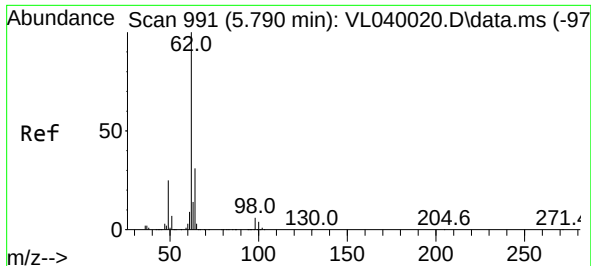
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#36
Benzene
Concen: 8.641 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion: 78 Resp: 2380862
Ion Ratio Lower Upper
78 100
77 21.6 17.5 26.3
50 18.1 14.2 21.2





#37

1,2-Dichloroethane

Concen: 8.472 ppbv

RT: 5.809 min Scan# 991

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion: 62 Resp: 136942

Ion Ratio Lower Upper

62 100

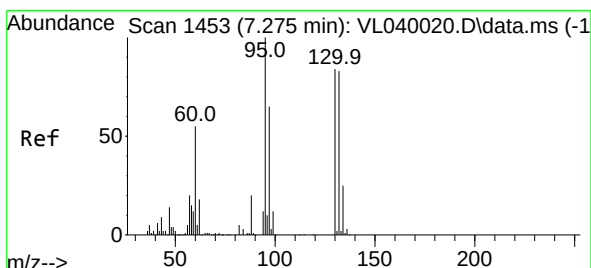
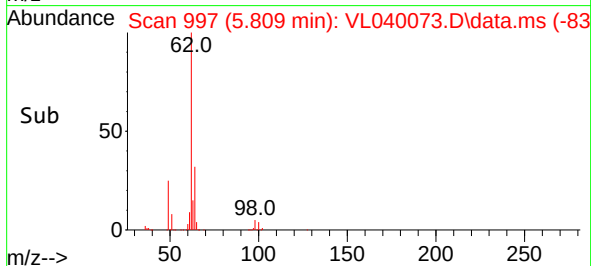
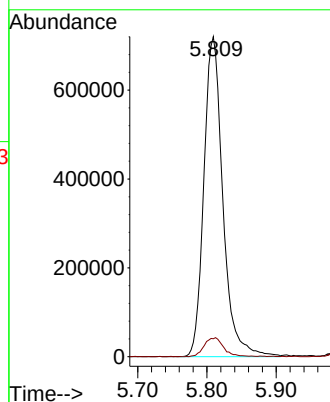
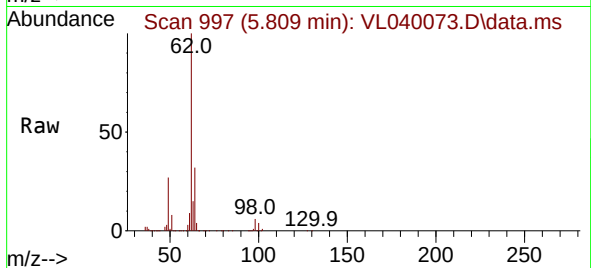
98 6.3 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#38

Trichloroethene

Concen: 9.575 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Tgt Ion:130 Resp: 1355759

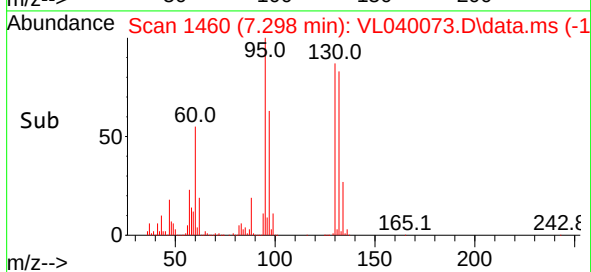
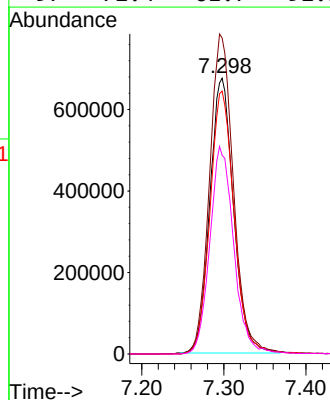
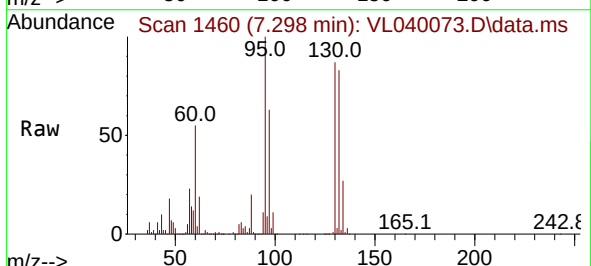
Ion Ratio Lower Upper

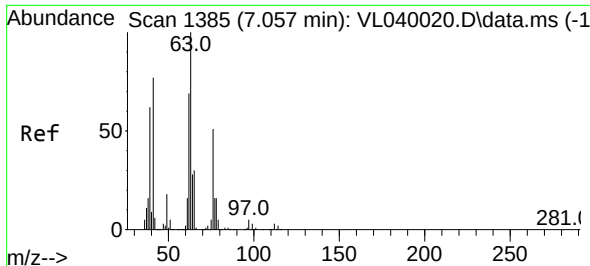
130 100

95 115.0 94.8 142.2

132 95.6 78.2 117.4

97 72.4 61.7 92.5





#39

1,2-Dichloropropane

Concen: 8.708 ppbv

RT: 7.079 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040073.D

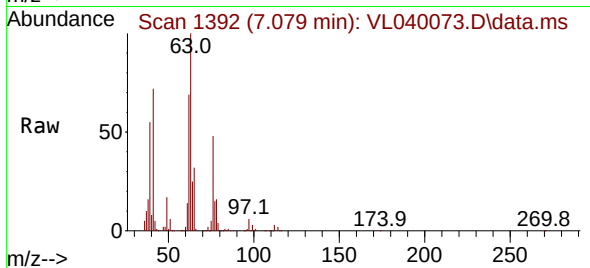
Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01



Tgt Ion: 63 Resp: 899350

Ion Ratio Lower Upper

63 100

41 71.5 61.4 92.0

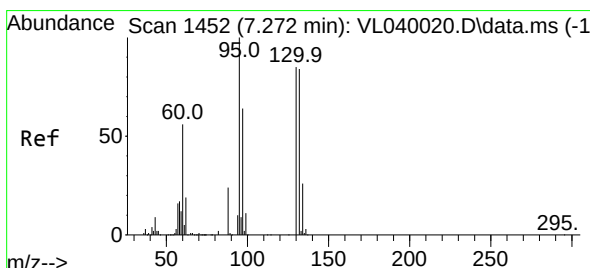
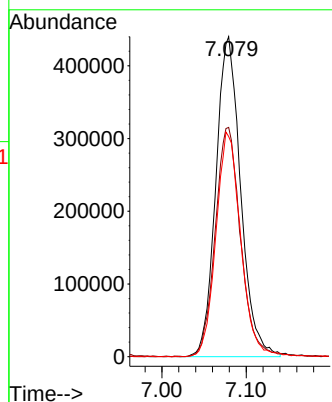
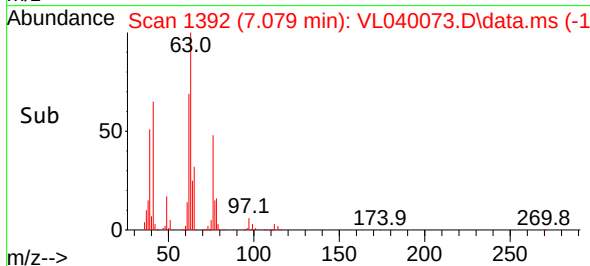
62 68.8 55.4 83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#40

1,4-Dioxane

Concen: 7.853 ppbv

RT: 7.291 min Scan# 1458

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Tgt Ion: 88 Resp: 365541

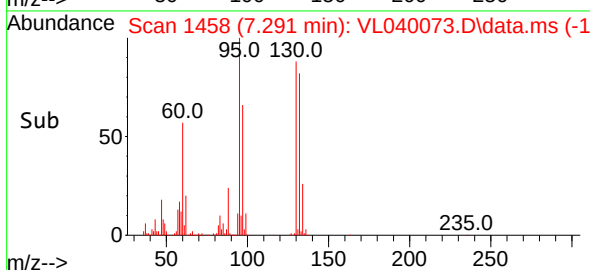
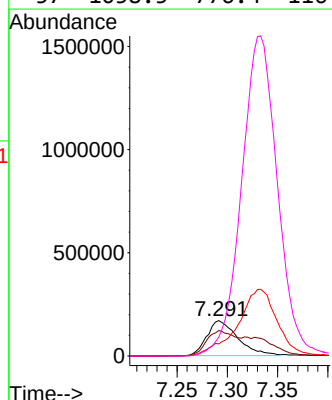
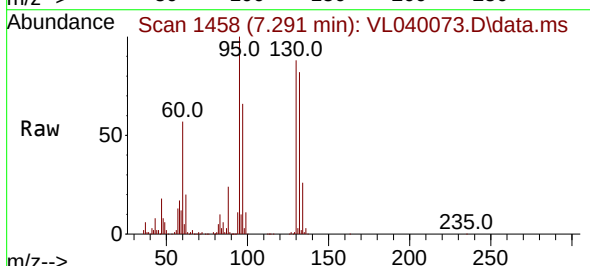
Ion Ratio Lower Upper

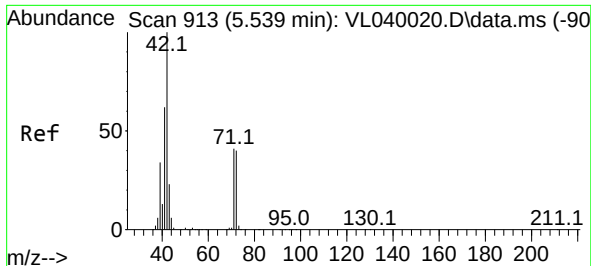
88 100

58 121.7 92.7 139.1

43 242.5 174.6 261.8

57 1058.5 776.4 1164.6





#41

Tetrahydrofuran

Concen: 8.814 ppbv

RT: 5.562 min Scan# 913

Delta R.T. 0.010 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion: 42 Resp: 92076

Ion Ratio Lower Upper

42 100

72 40.7 32.9 49.3

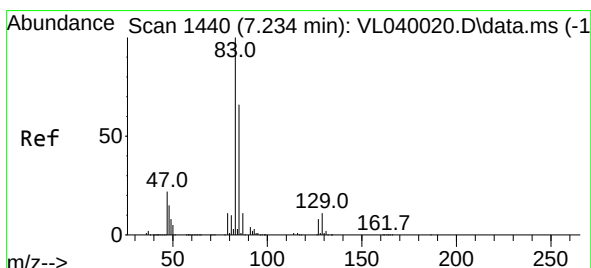
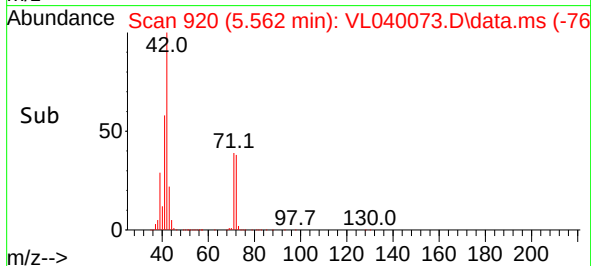
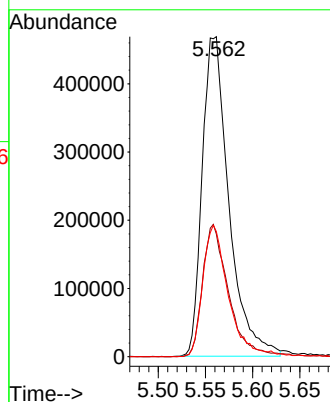
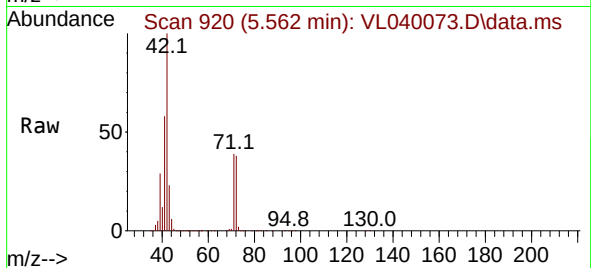
71 40.0 32.2 48.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#42

Bromodichloromethane

Concen: 9.189 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

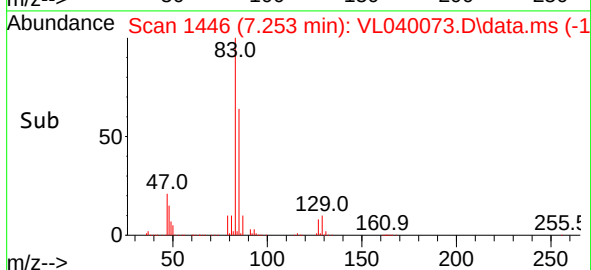
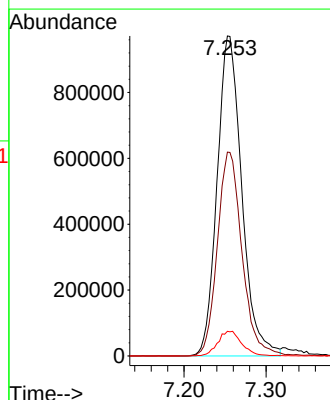
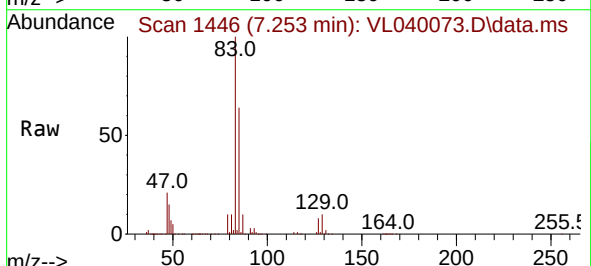
Tgt Ion: 83 Resp: 2034790

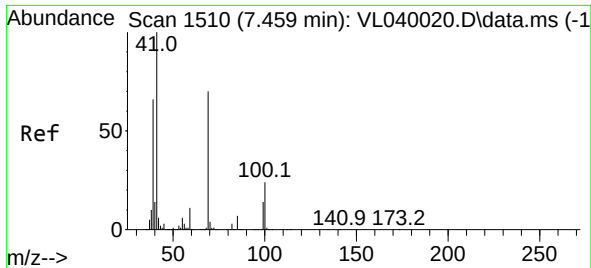
Ion Ratio Lower Upper

83 100

85 63.7 53.0 79.6

127 7.7 6.2 9.2





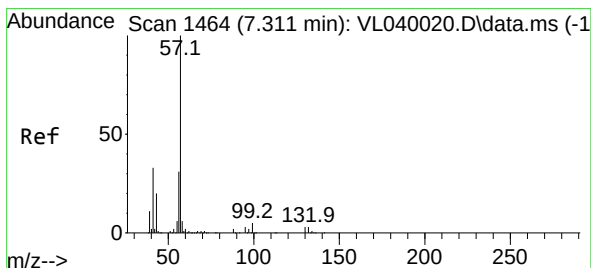
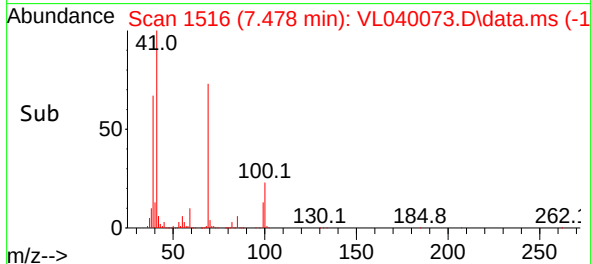
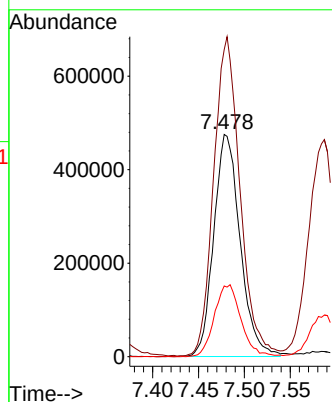
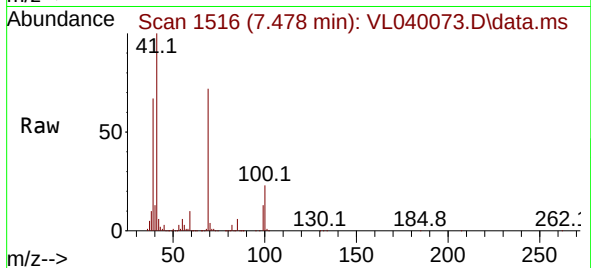
#43
Methyl Methacrylate
Concen: 9.175 ppbv
RT: 7.478 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01

Tgt Ion: 69 Resp: 948774
Ion Ratio Lower Upper
69 100
41 144.0 115.7 173.5
100 32.8 26.0 39.0

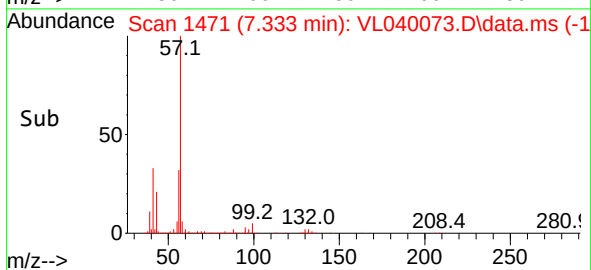
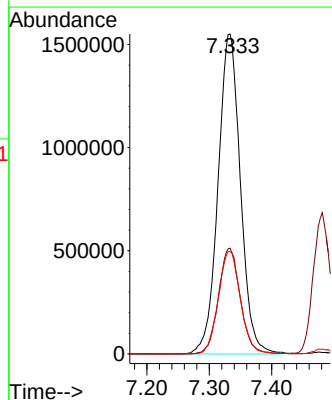
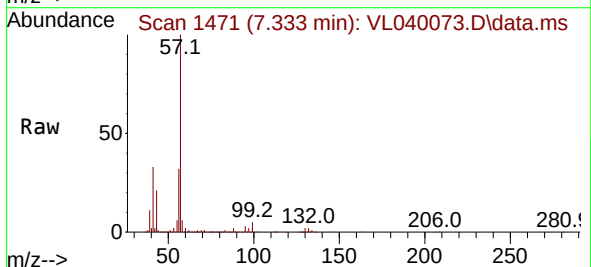
Manual Integrations
APPROVED

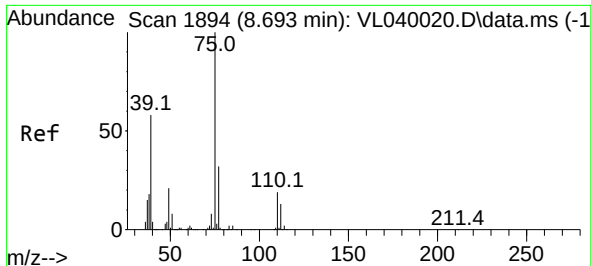
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#44
2,2,4-Trimethylpentane
Concen: 8.514 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

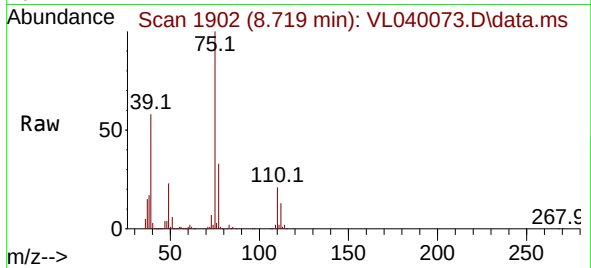
Tgt Ion: 57 Resp: 3862141
Ion Ratio Lower Upper
57 100
41 32.4 26.2 39.4
56 31.6 25.1 37.7





#45
t-1,3-Dichloropropene
Concen: 10.671 ppbv
RT: 8.719 min Scan# 1902
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

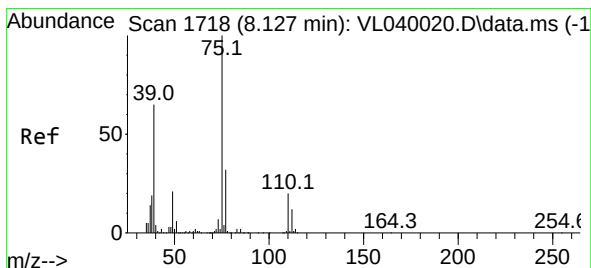
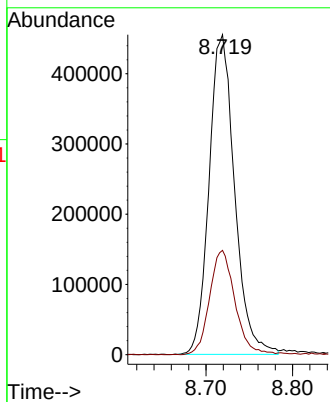
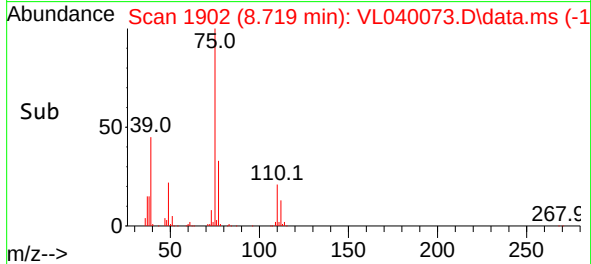
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



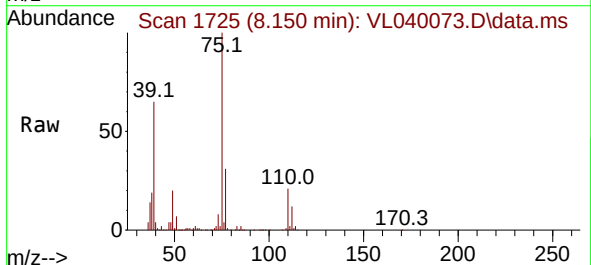
Tgt Ion: 75 Resp: 932618
Ion Ratio Lower Upper
75 100
77 32.6 25.4 38.2

Manual Integrations
APPROVED

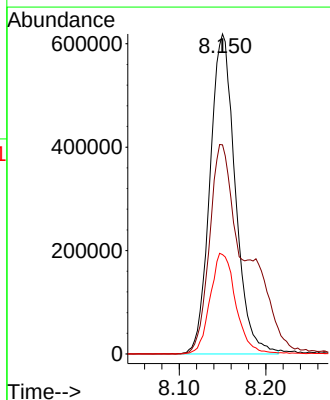
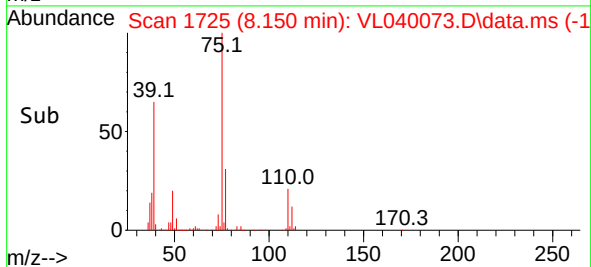
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

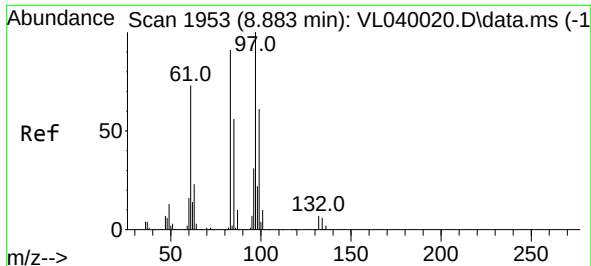


#46
cis-1,3-Dichloropropene
Concen: 10.183 ppbv
RT: 8.150 min Scan# 1725
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16



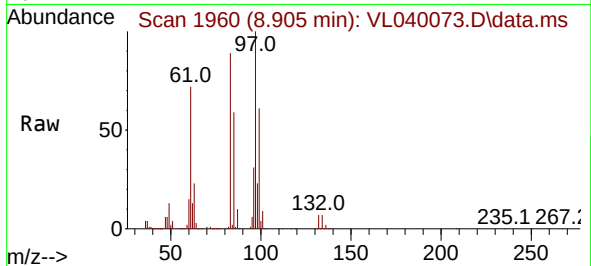
Tgt Ion: 75 Resp: 1255223
Ion Ratio Lower Upper
75 100
39 65.2 51.7 77.5
77 31.0 25.2 37.8





#47
1,1,2-Trichloroethane
Concen: 8.508 ppbv
RT: 8.905 min Scan# 1953
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

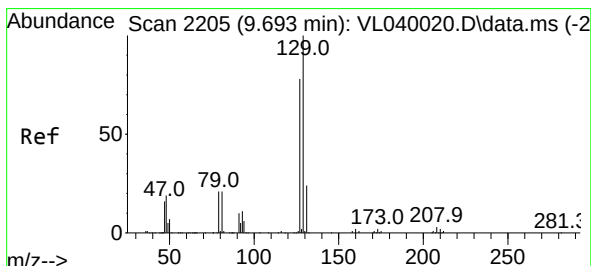
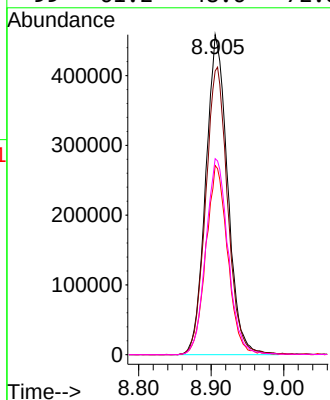
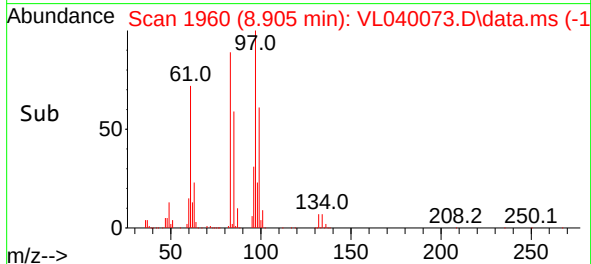
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 97 Resp: 962300
Ion Ratio Lower Upper
97 100
83 88.7 72.5 108.7
85 59.1 45.0 67.6
99 61.2 48.6 72.8

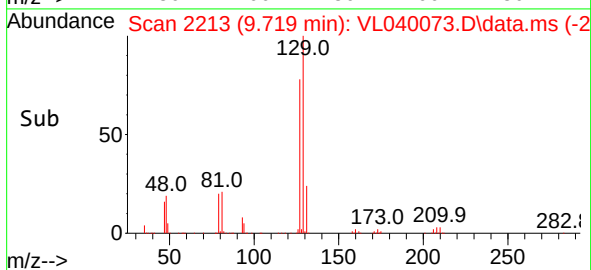
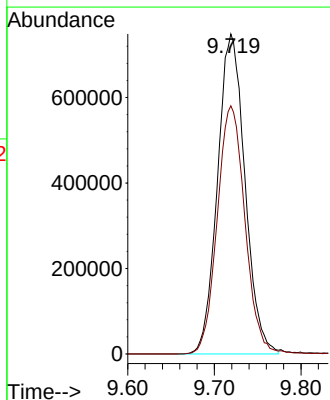
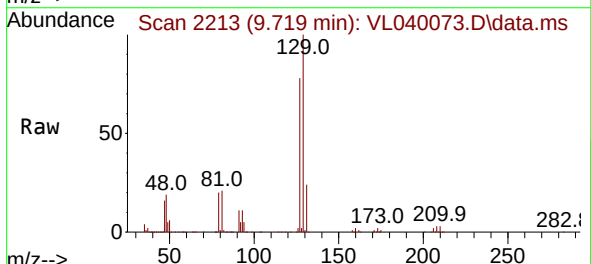
Manual Integrations
APPROVED

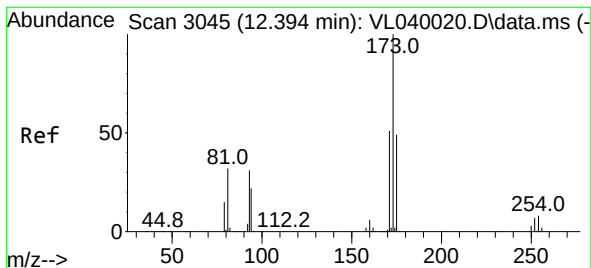
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#48
Dibromochloromethane
Concen: 9.573 ppbv
RT: 9.719 min Scan# 2213
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion:129 Resp: 1646639
Ion Ratio Lower Upper
129 100
127 78.6 39.4 118.1





#49

Bromoform

Concen: 9.614 ppbv

RT: 12.420 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion:173 Resp: 126150

Ion Ratio Lower Upper

173 100

175 49.0 39.0 58.4

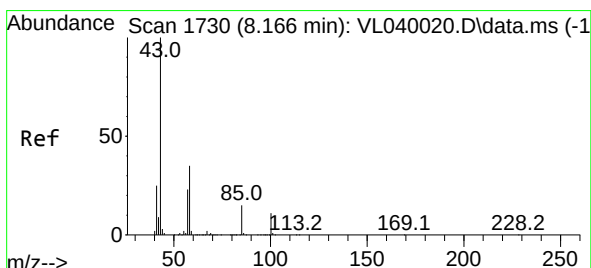
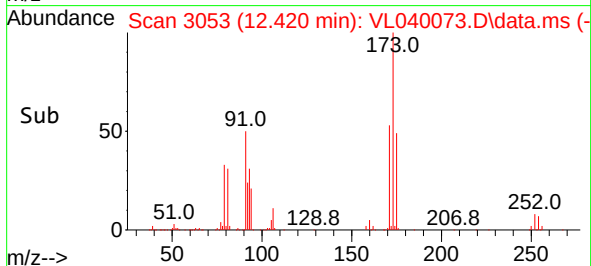
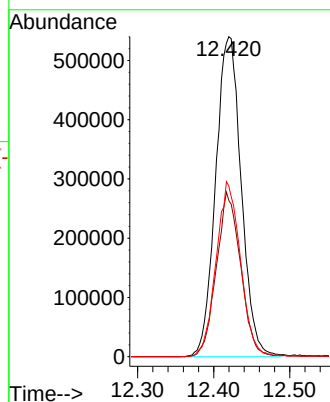
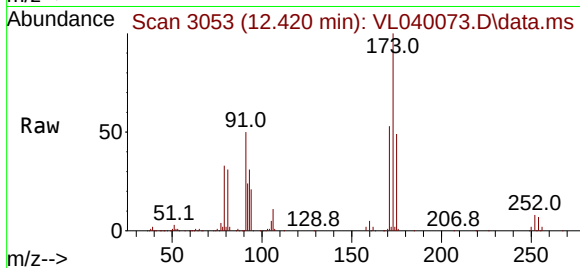
171 52.3 42.0 63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#50

4-Methyl-2-Pentanone

Concen: 8.596 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.007 min

Lab File: VL040073.D

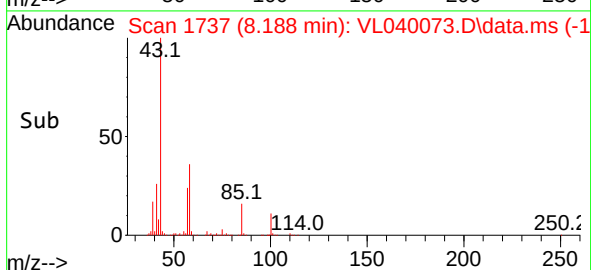
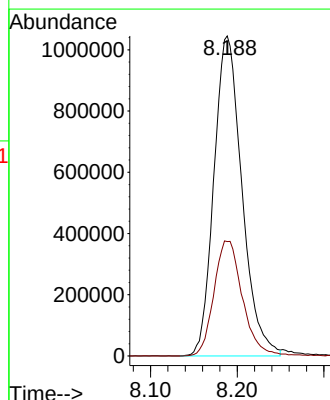
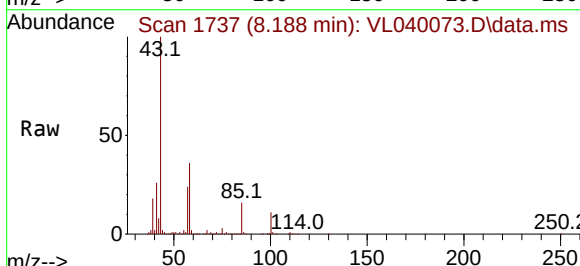
Acq: 9 Jan 2023 13:16

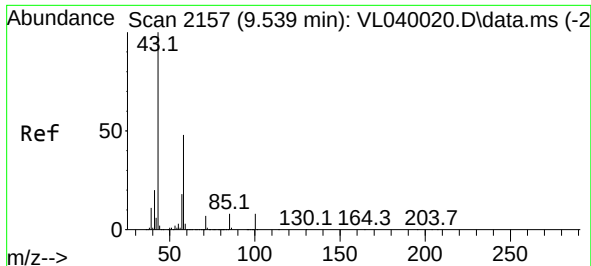
Tgt Ion: 43 Resp: 2350297

Ion Ratio Lower Upper

43 100

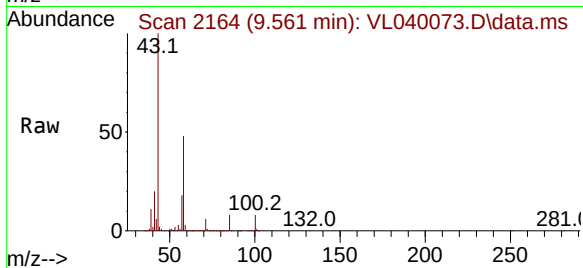
58 36.9 29.0 43.4





#51
2-Hexanone
Concen: 8.631 ppbv
RT: 9.561 min Scan# 2157
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

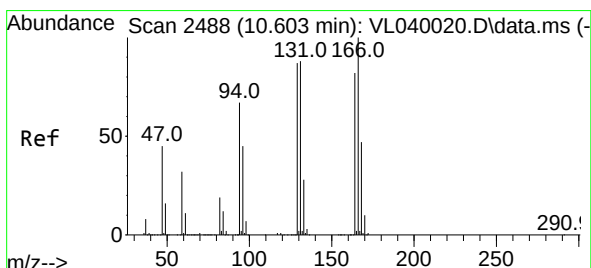
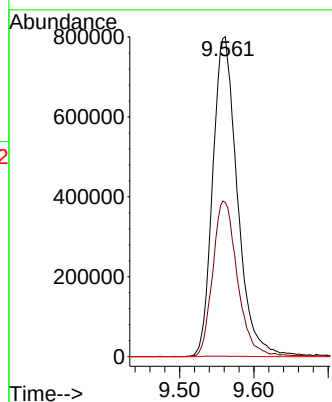
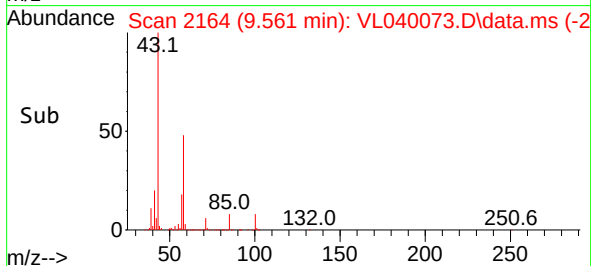
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



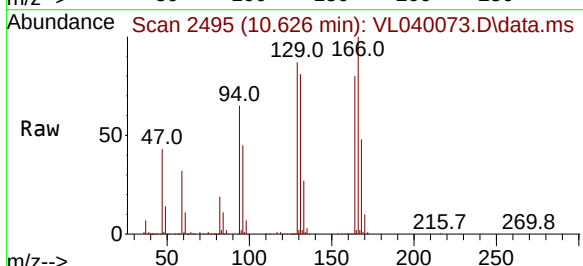
Tgt Ion: 43 Resp: 183575
Ion Ratio Lower Upper
43 100
58 49.7 39.4 59.2
98 0.3 0.2 0.4

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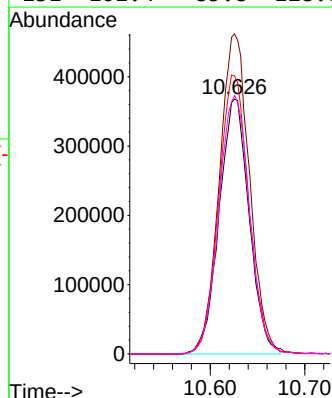
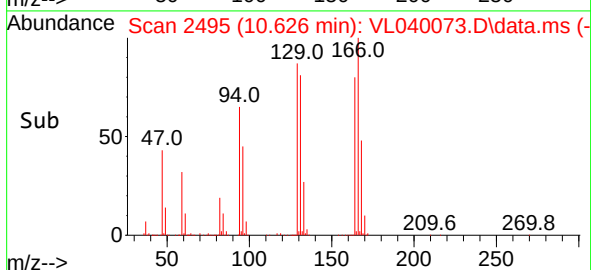
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

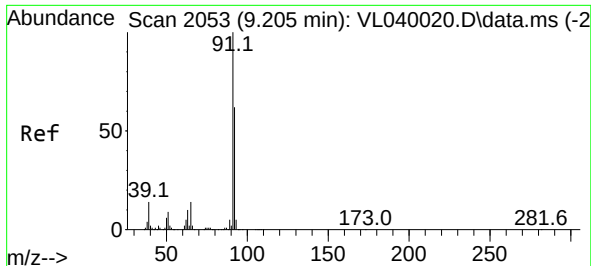


#52
Tetrachloroethene
Concen: 8.618 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16



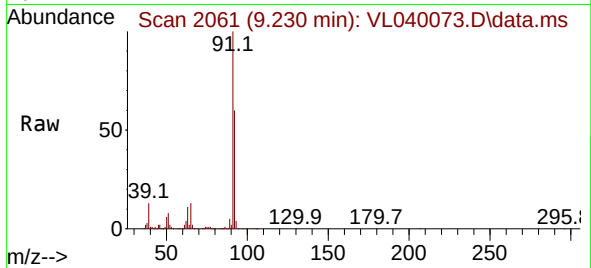
Tgt Ion:164 Resp: 807337
Ion Ratio Lower Upper
164 100
166 125.6 97.4 146.0
129 109.0 84.3 126.5
131 101.4 85.8 128.8





#53
Toluene
Concen: 8.779 ppbv
RT: 9.230 min Scan# 2053
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

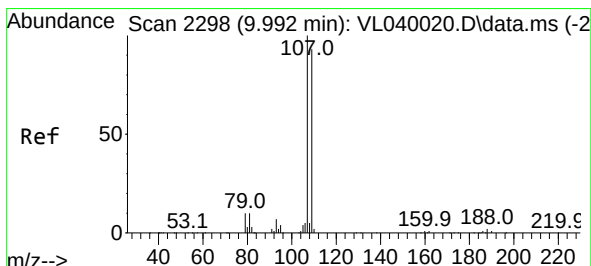
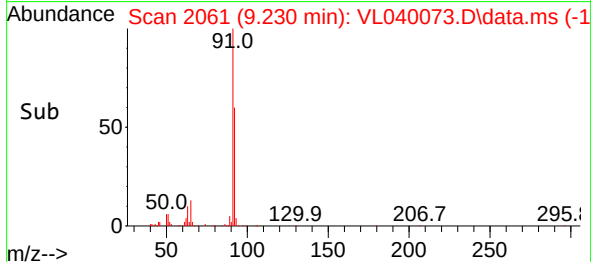
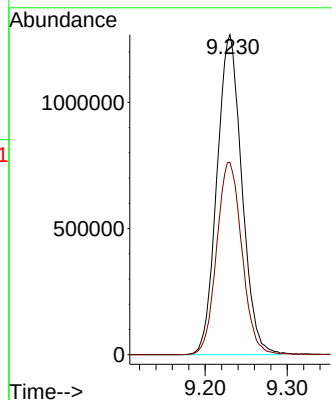
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 91 Resp: 2678339
Ion Ratio Lower Upper
91 100
92 61.1 48.7 73.1

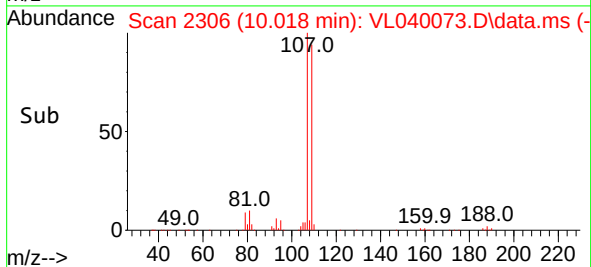
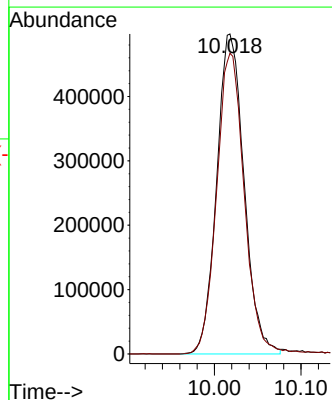
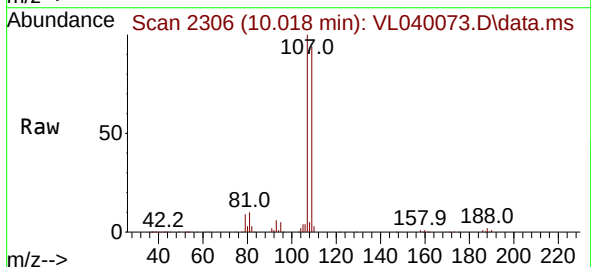
Manual Integrations
APPROVED

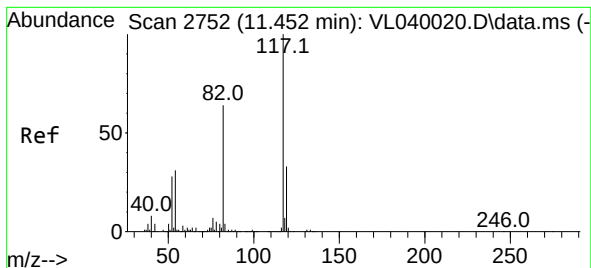
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#54
1,2-Dibromoethane
Concen: 8.958 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

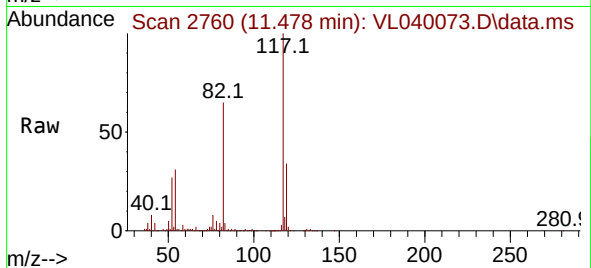
Tgt Ion:107 Resp: 1091103
Ion Ratio Lower Upper
107 100
109 94.0 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

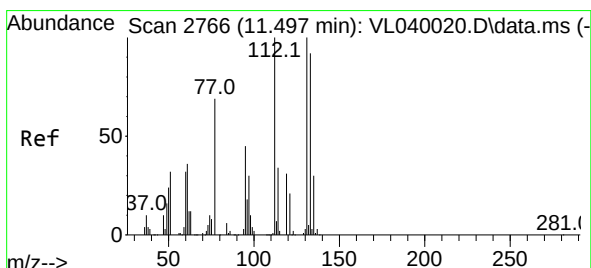
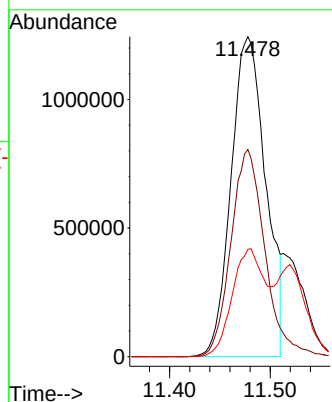
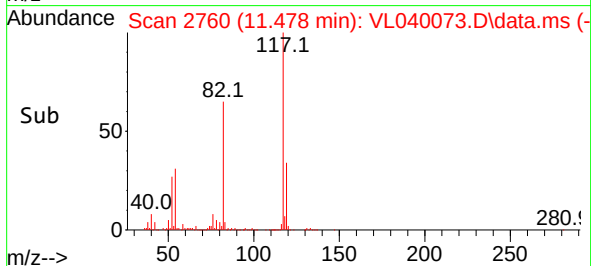
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



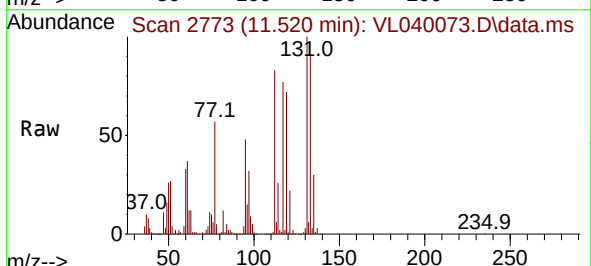
Tgt Ion:117 Resp: 2979040
Ion Ratio Lower Upper
117 100
82 63.7 51.2 76.8
119 30.0 23.2 34.8

Manual Integrations
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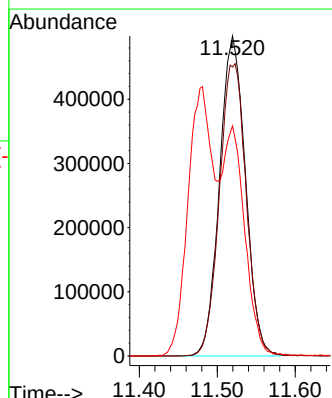
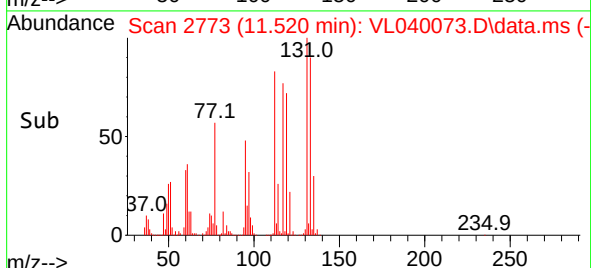
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

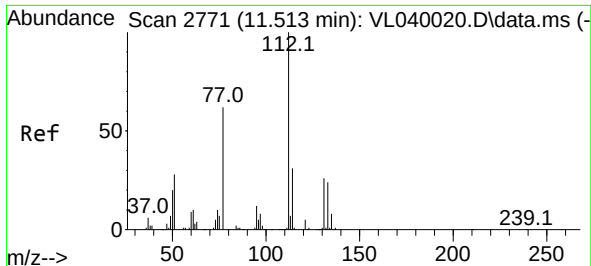


#56
1,1,1,2-Tetrachloroethane
Concen: 8.360 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16



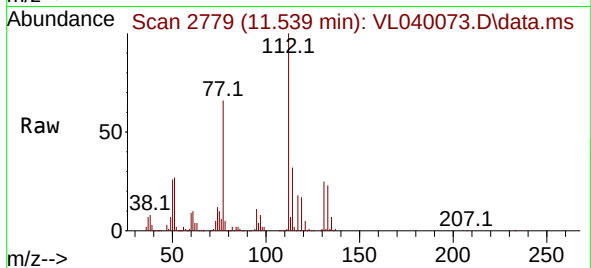
Tgt Ion:131 Resp: 1148831
Ion Ratio Lower Upper
131 100
133 94.8 75.8 113.8
119 64.6 52.3 78.5





#57
Chlorobenzene
Concen: 7.891 ppbv
RT: 11.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

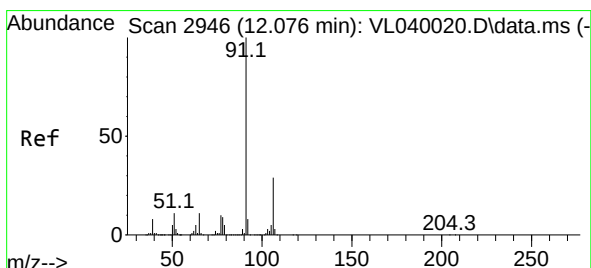
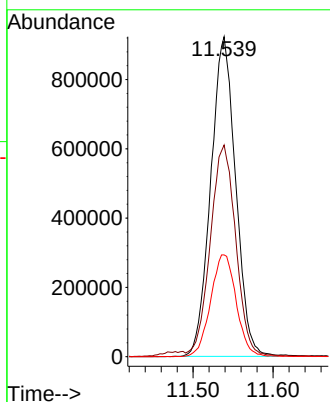
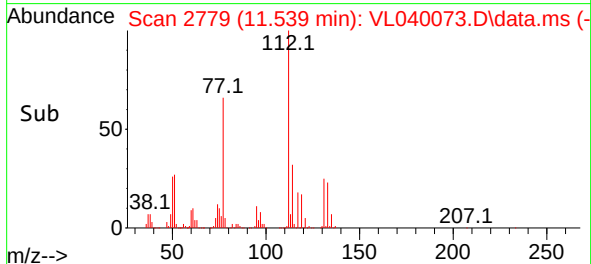
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion:112 Resp: 199553
Ion Ratio Lower Upper
112 100
77 65.8 50.6 75.8
114 31.7 27.8 34.0

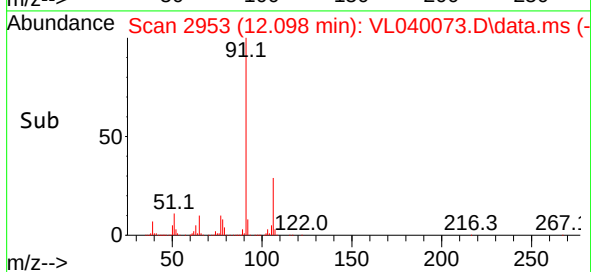
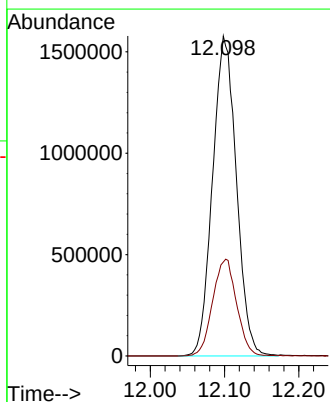
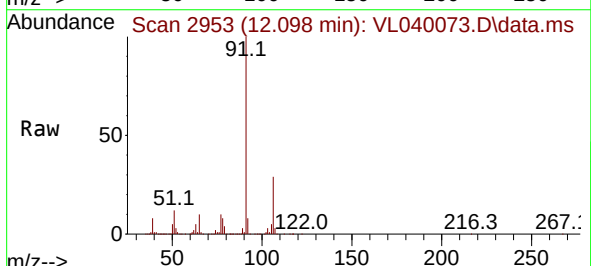
Manual Integrations
APPROVED

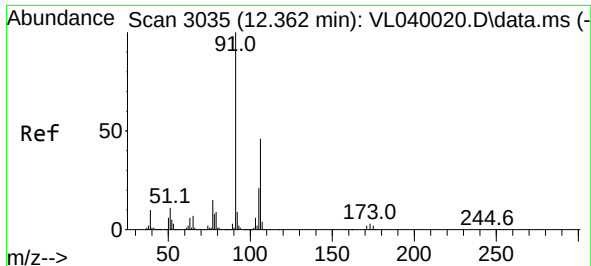
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#58
Ethyl Benzene
Concen: 8.306 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion: 91 Resp: 3515836
Ion Ratio Lower Upper
91 100
106 29.3 23.5 35.3





#59

m/p-Xylene

Concen: 16.043 ppbv m

RT: 12.384 min Scan# 3035

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion: 91 Resp: 591562

Ion Ratio Lower Upper

91 100

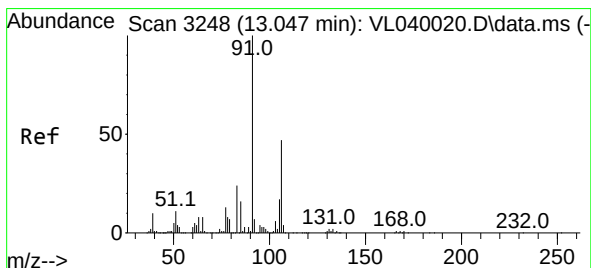
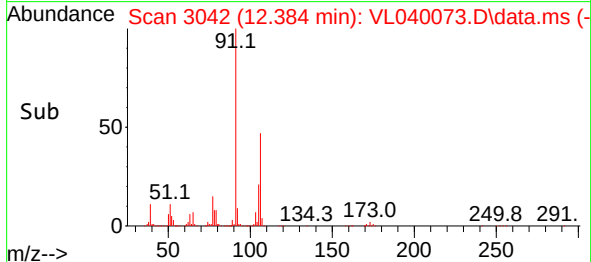
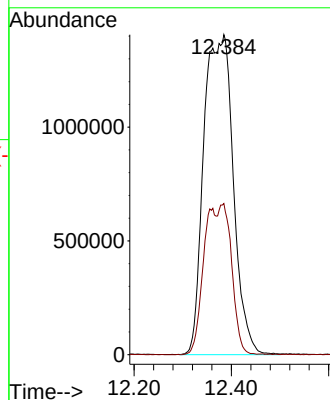
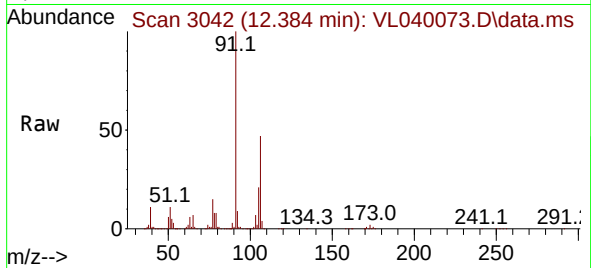
106 44.0 35.5 53.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#60

o-Xylene

Concen: 7.890 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. 0.007 min

Lab File: VL040073.D

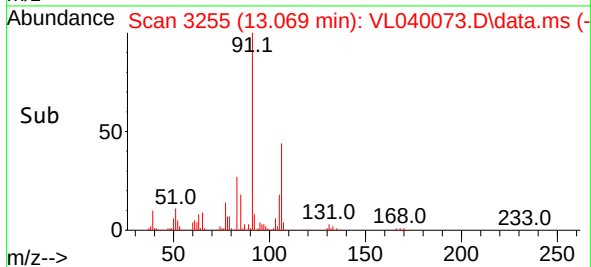
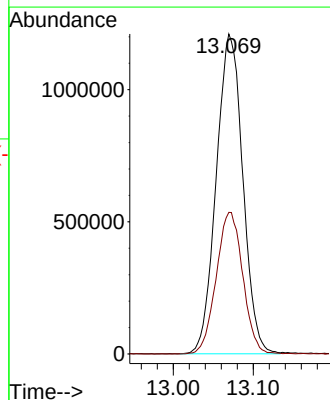
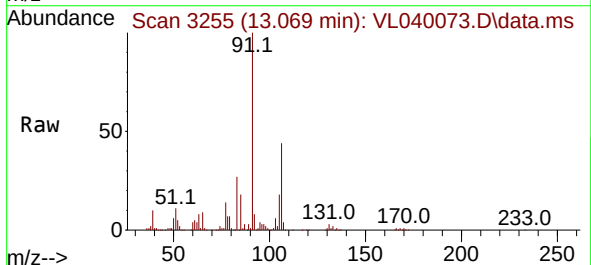
Acq: 9 Jan 2023 13:16

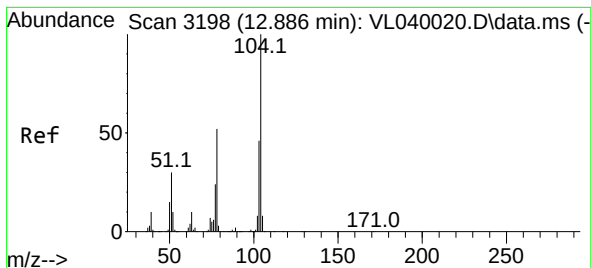
Tgt Ion: 91 Resp: 2787091

Ion Ratio Lower Upper

91 100

106 44.4 22.4 67.0





#61

Styrene

Concen: 8.752 ppbv

RT: 12.909 min Scan# 3198

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion:104 Resp: 165816

Ion Ratio Lower Upper

104 100

78 52.3 42.4 63.6

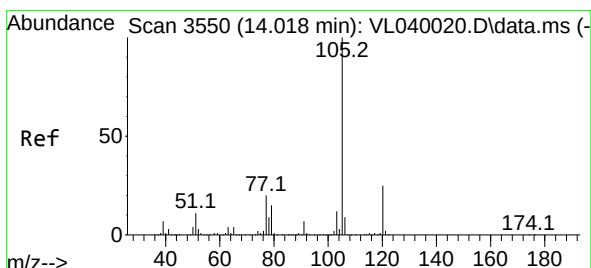
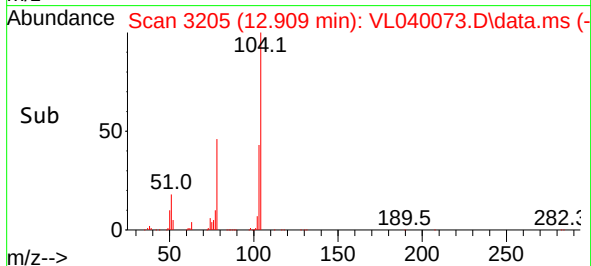
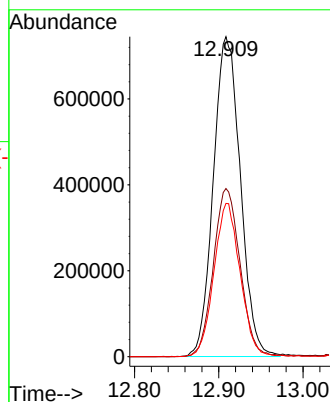
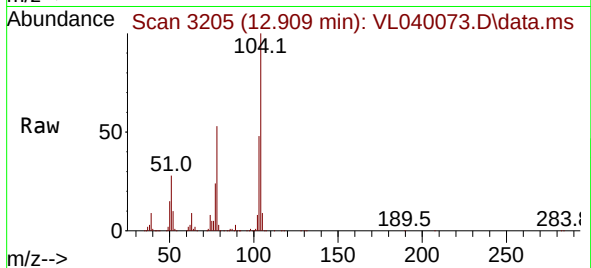
103 46.8 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#62

Isopropylbenzene

Concen: 7.665 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.003 min

Lab File: VL040073.D

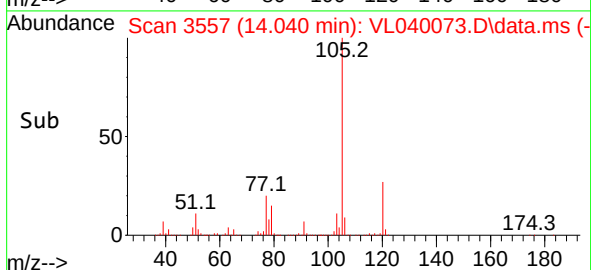
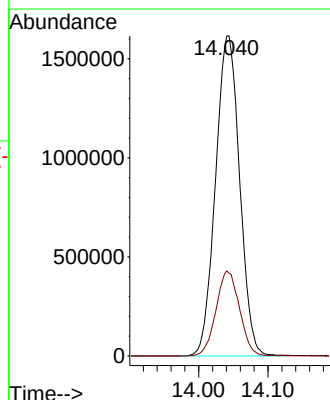
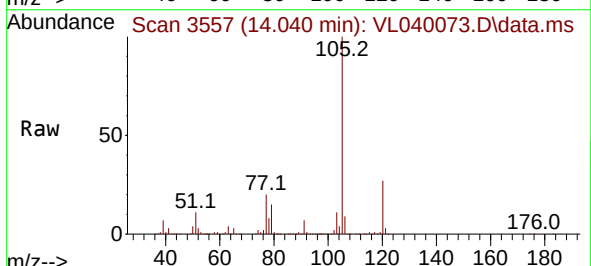
Acq: 9 Jan 2023 13:16

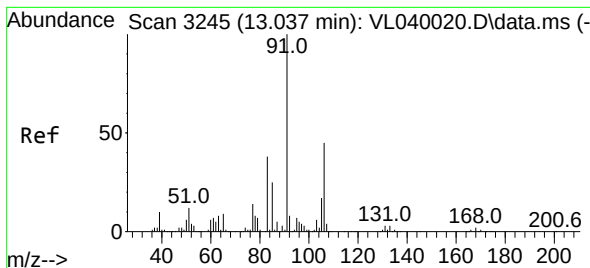
Tgt Ion:105 Resp: 3903779

Ion Ratio Lower Upper

105 100

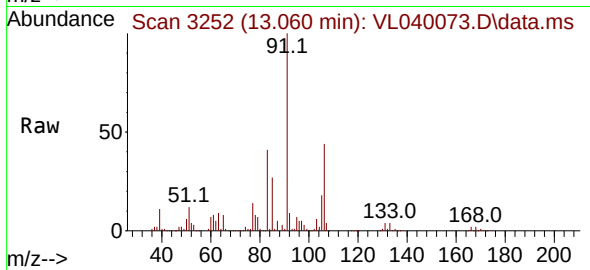
120 25.9 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 7.014 ppbv m
RT: 13.060 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

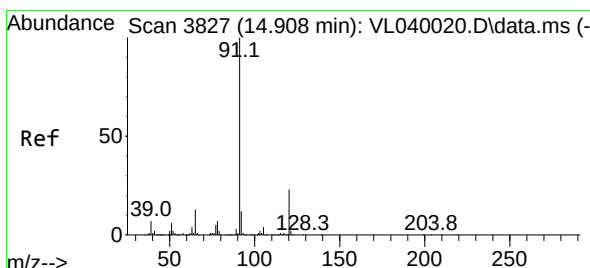
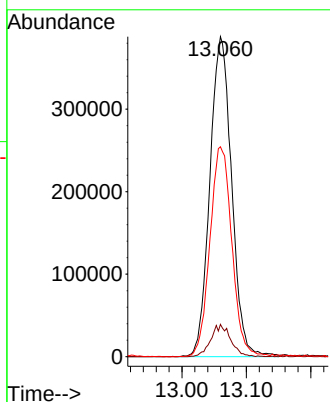
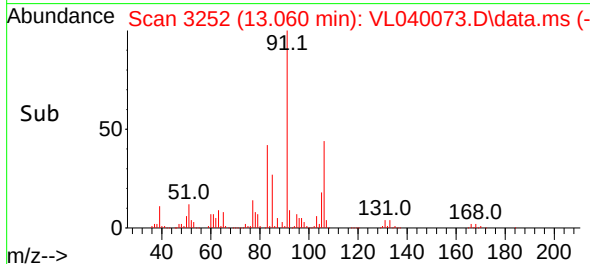
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



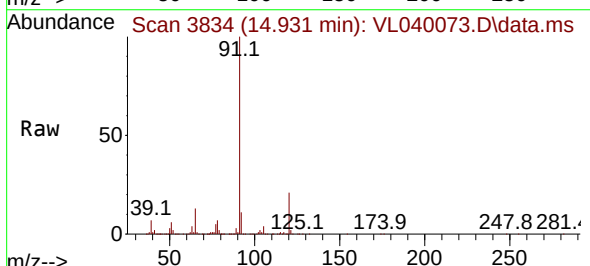
Tgt Ion: 83 Resp: 90845
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.5
85 66.2 33.3 99.9

Manual Integrations
APPROVED

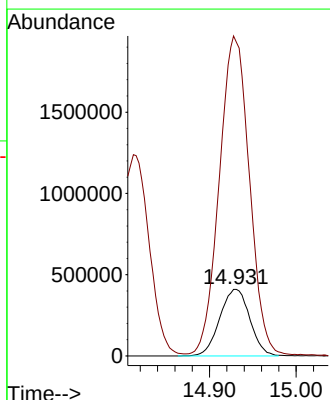
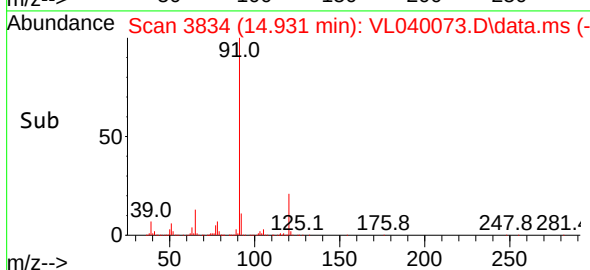
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

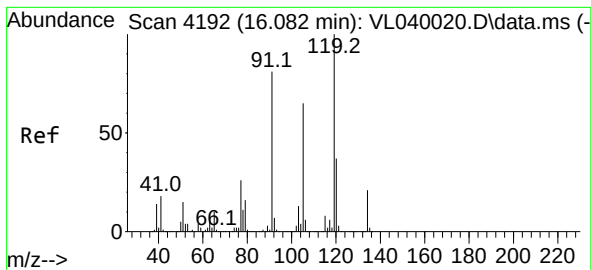


#64
n-propylbenzene
Concen: 7.678 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16



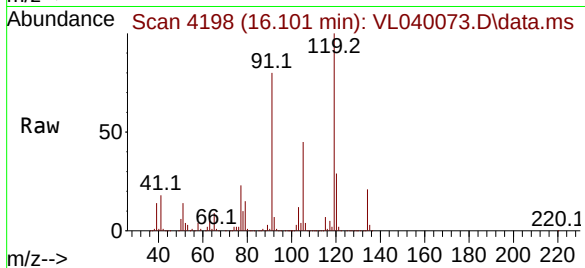
Tgt Ion:120 Resp: 987691
Ion Ratio Lower Upper
120 100
91 483.8 384.3 576.5





#65
tert-Butylbenzene
Concen: 7.511 ppbv
RT: 16.101 min Scan# 4192
Delta R.T. 0.000 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

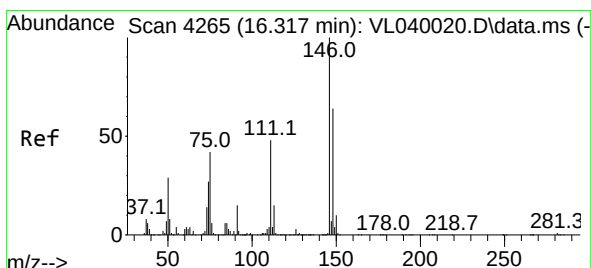
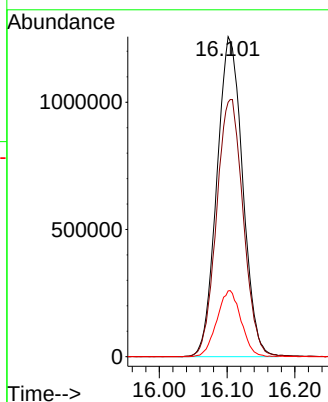
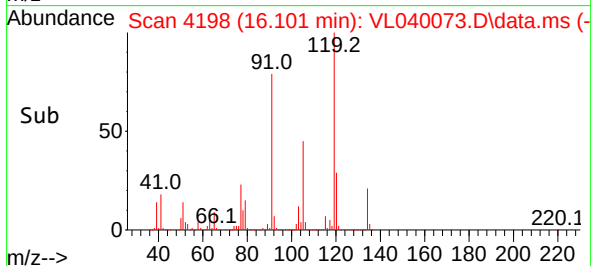
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



Tgt Ion: 119 Resp: 332409
Ion Ratio Lower Upper
119 100
91 83.4 66.9 100.3
134 19.5 15.8 23.6

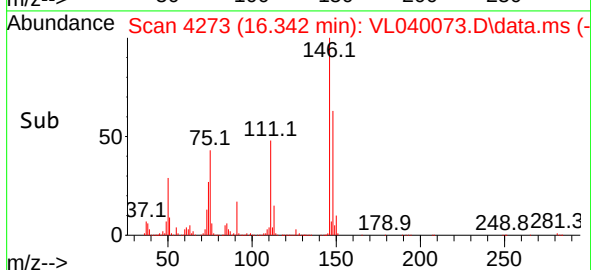
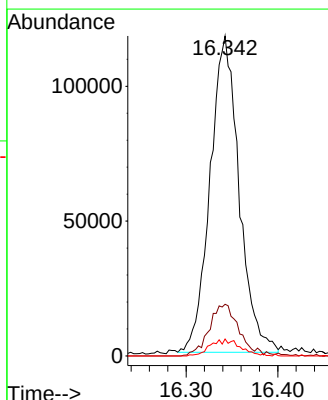
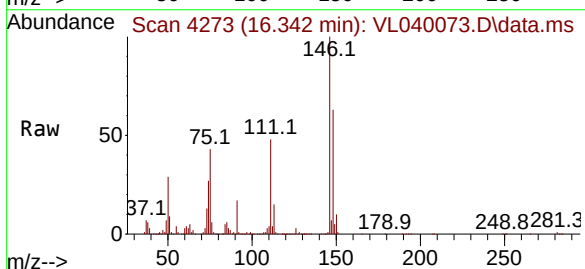
Manual Integrations
APPROVED

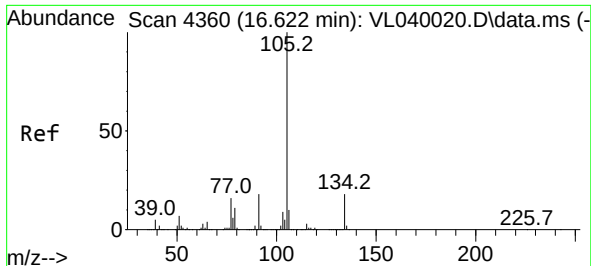
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#66
Benzyl Chloride
Concen: 9.999 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Tgt Ion: 91 Resp: 258067
Ion Ratio Lower Upper
91 100
126 17.1 12.2 18.2
128 5.5 4.2 6.2





#67

sec-Butylbenzene

Concen: 7.458 ppbv

RT: 16.651 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion:105 Resp: 462586

Ion Ratio Lower Upper

105 100

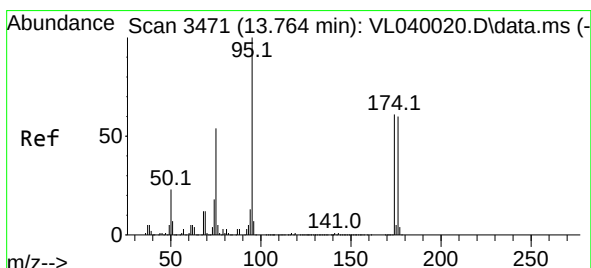
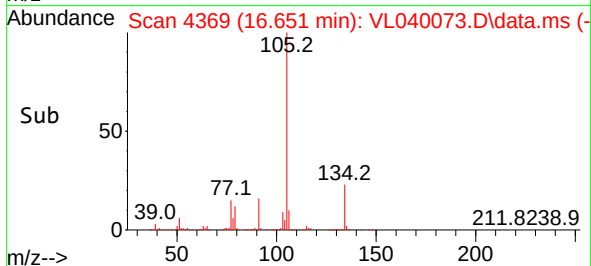
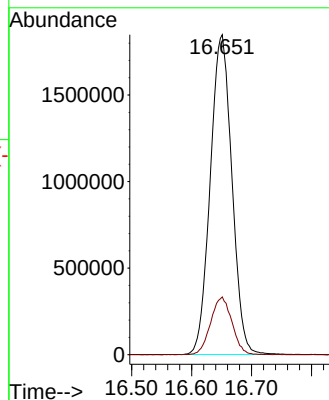
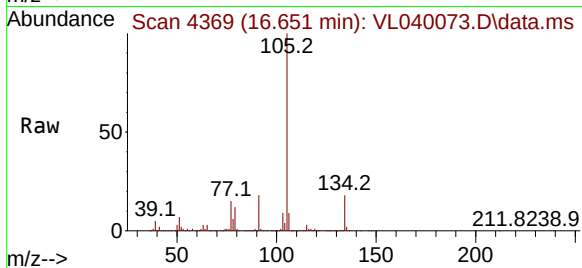
134 17.9 14.2 21.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 10.250 ppbv

RT: 13.790 min Scan# 3479

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

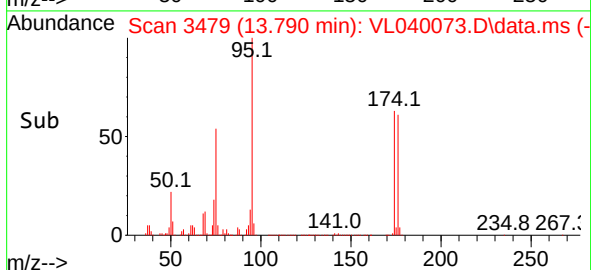
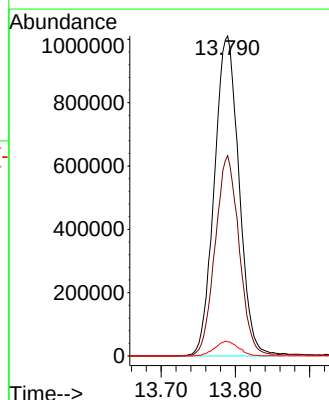
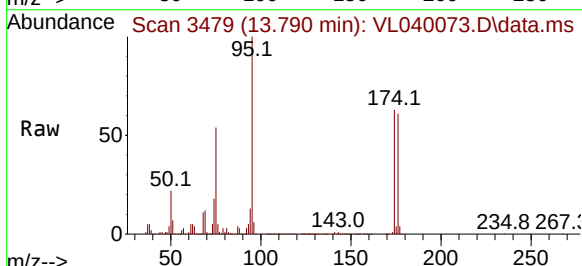
Tgt Ion: 95 Resp: 2332608

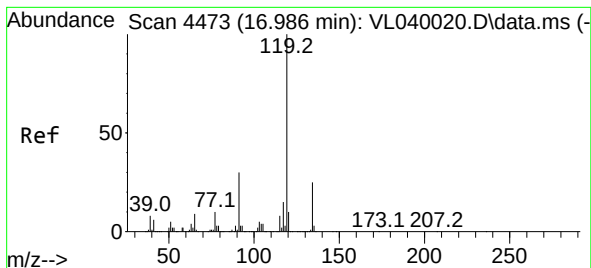
Ion Ratio Lower Upper

95 100

174 61.5 48.6 73.0

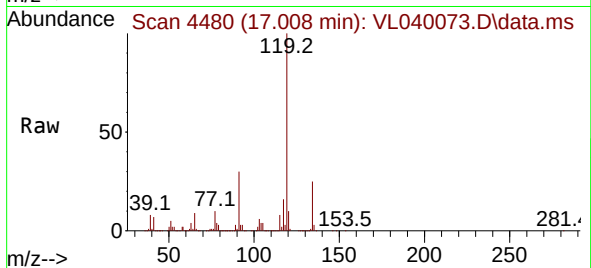
175 4.5 3.4 5.2





#69
p-Isopropyltoluene
Concen: 7.586 ppbv
RT: 17.008 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

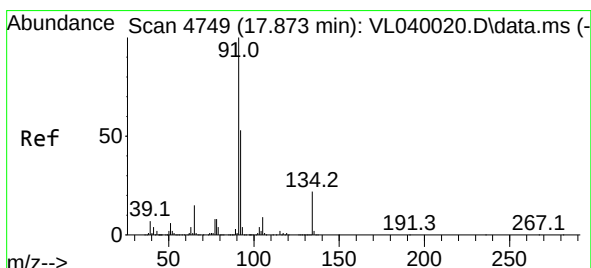
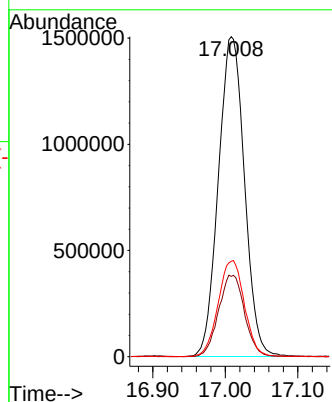
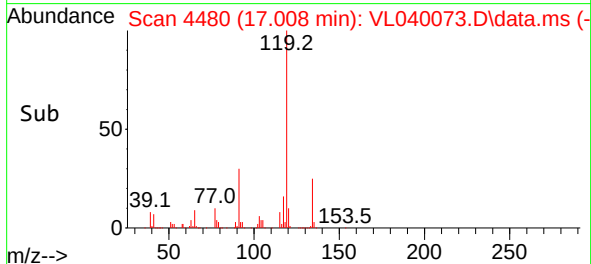
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



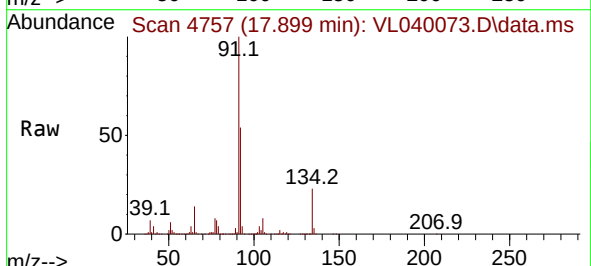
Tgt Ion: 119 Resp: 3758718
Ion Ratio Lower Upper
119 100
134 25.5 20.2 30.4
91 30.2 24.2 36.4

Manual Integrations
APPROVED

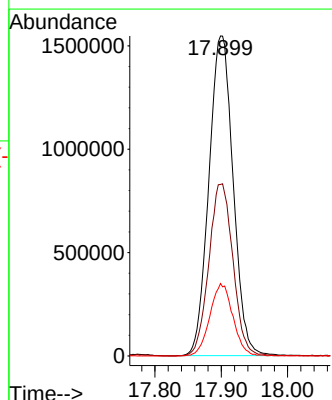
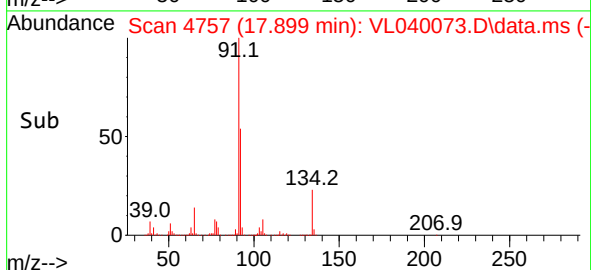
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

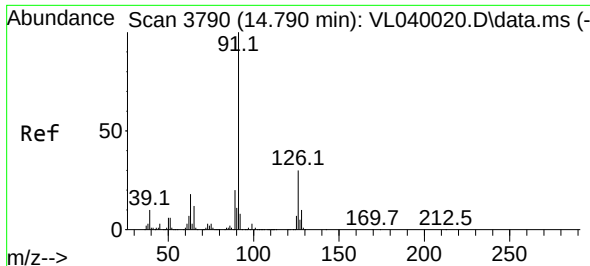


#70
n-Butylbenzene
Concen: 7.558 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16



Tgt Ion: 91 Resp: 3923214
Ion Ratio Lower Upper
91 100
92 53.9 43.2 64.8
134 21.7 17.4 26.2





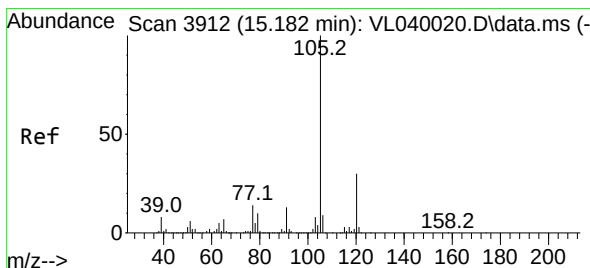
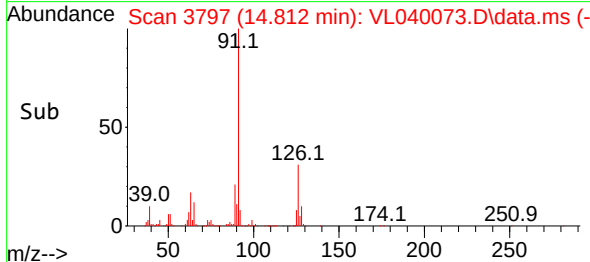
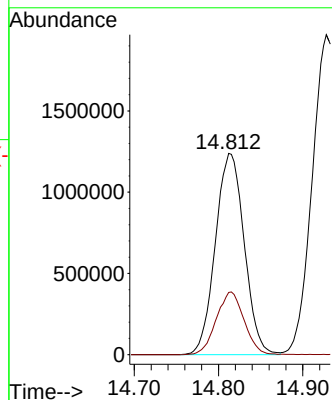
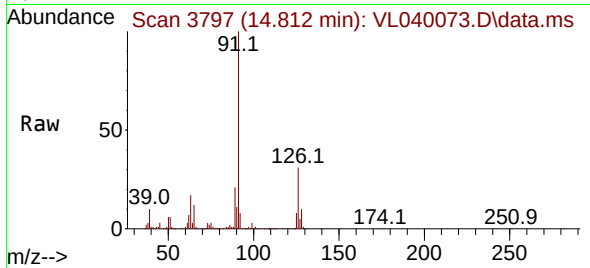
#71
2-Chlorotoluene
Concen: 7.574 ppbv
RT: 14.812 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01

Tgt Ion: 91 Resp: 2943180
Ion Ratio Lower Upper
91 100
126 30.2 12.1 48.5

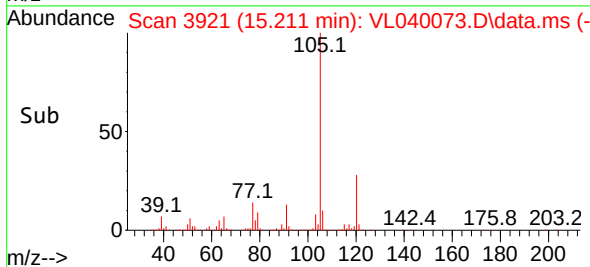
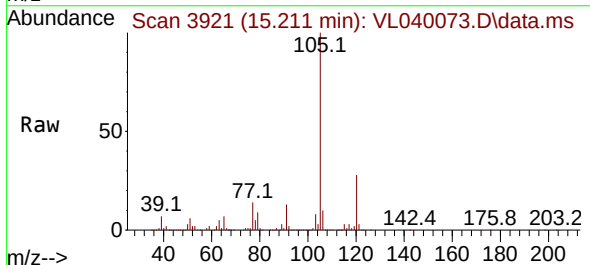
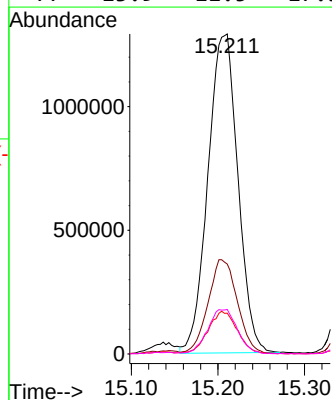
Manual Integrations
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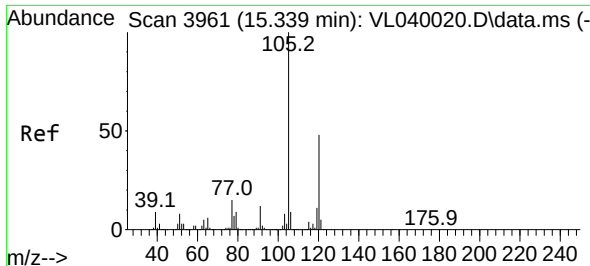
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023



#72
4-Ethyltoluene
Concen: 7.907 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.010 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

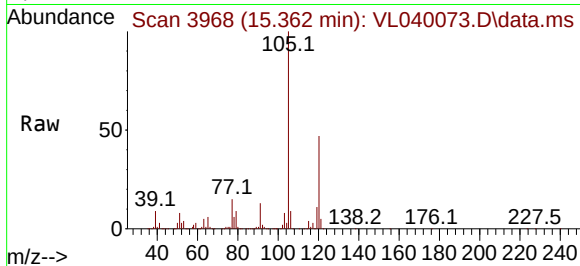
Tgt Ion:105 Resp: 3101520
Ion Ratio Lower Upper
105 100
120 30.1 23.5 35.3
91 13.7 10.5 15.7
77 13.9 11.5 17.3





#73
1,3,5-Trimethylbenzene
Concen: 7.682 ppbv
RT: 15.362 min Scan# 3961
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

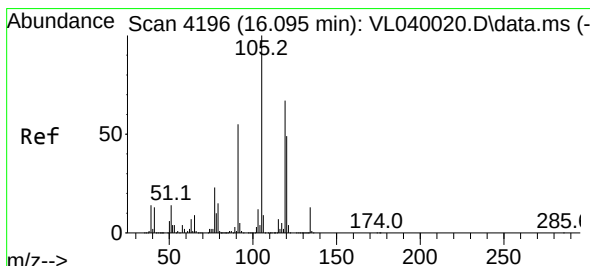
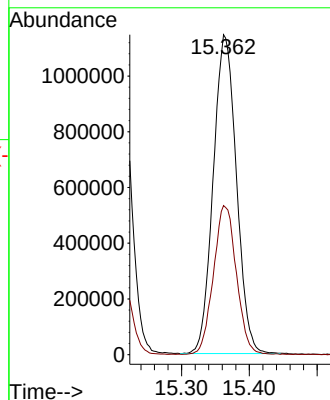
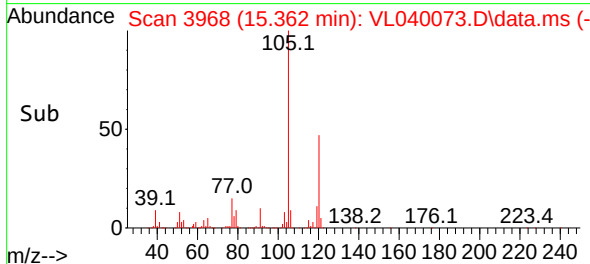
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



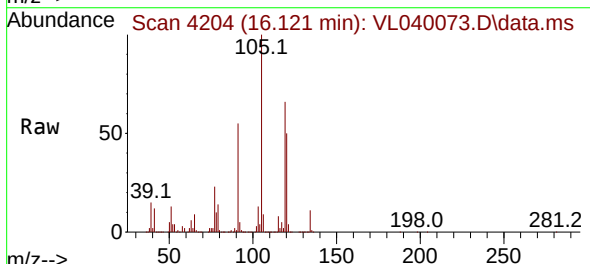
Tgt Ion:105 Resp: 2717458
Ion Ratio Lower Upper
105 100
120 46.6 38.4 57.6

Manual Integrations
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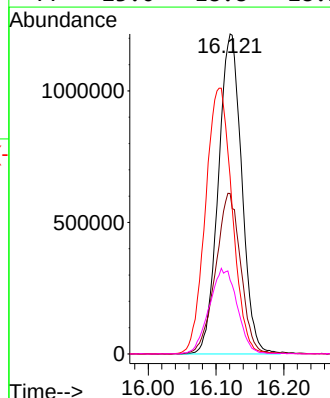
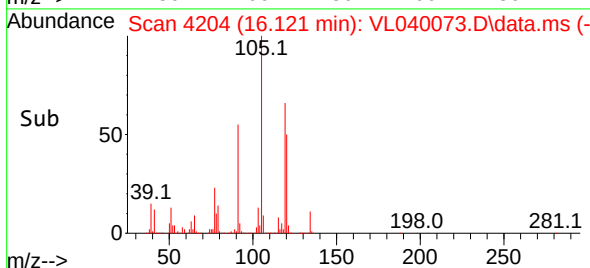
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

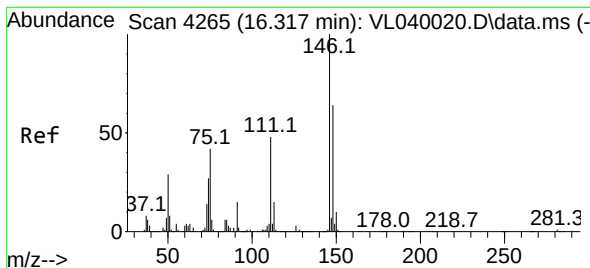


#74
1,2,4-Trimethylbenzene
Concen: 7.468 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.003 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16



Tgt Ion:105 Resp: 2911989
Ion Ratio Lower Upper
105 100
120 50.1 39.3 58.9
91 55.0 44.2 66.4
77 23.0 18.8 28.2





#75

1,3-Dichlorobenzene

Concen: 7.626 ppbv

RT: 16.342 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01

Tgt Ion:146 Resp: 162708

Ion Ratio Lower Upper

146 100

111 47.8 23.9 71.8

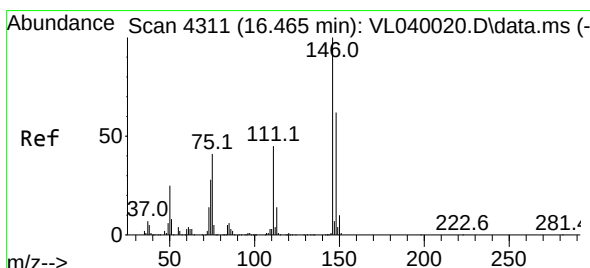
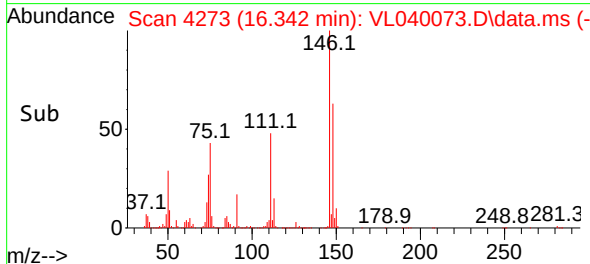
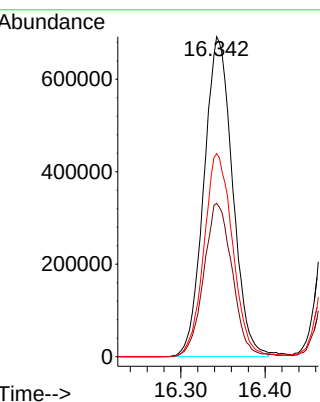
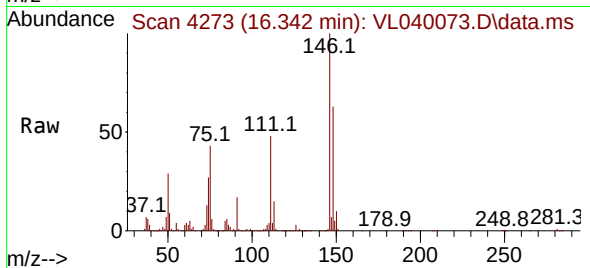
148 64.0 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#76

1,4-Dichlorobenzene

Concen: 7.600 ppbv

RT: 16.487 min Scan# 4318

Delta R.T. 0.003 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

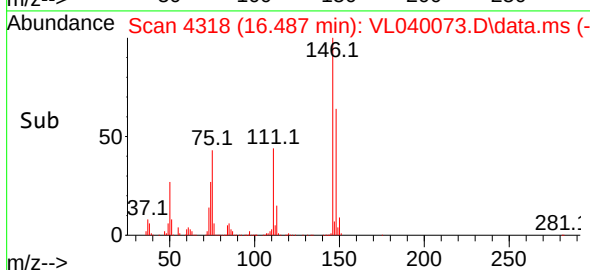
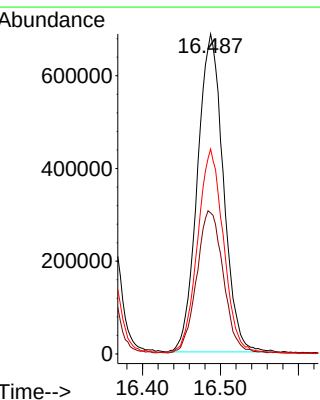
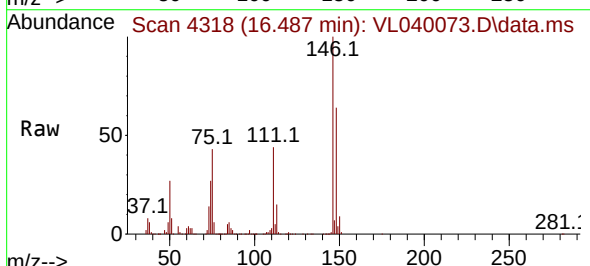
Tgt Ion:146 Resp: 1583094

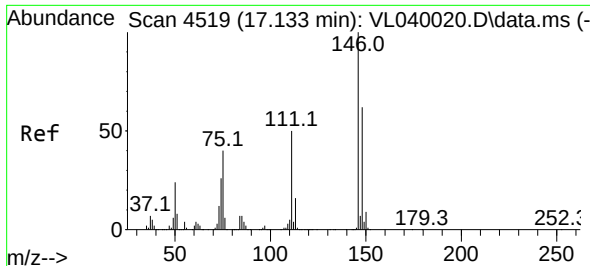
Ion Ratio Lower Upper

146 100

111 46.9 23.4 70.2

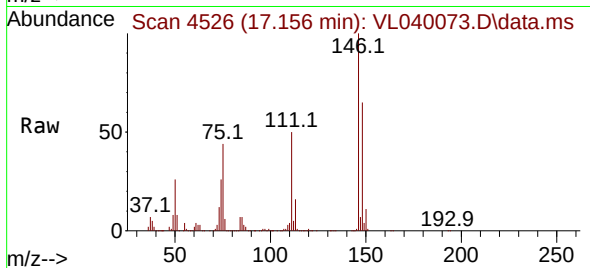
148 65.4 32.0 96.2





#77
1,2-Dichlorobenzene
Concen: 7.631 ppbv
RT: 17.156 min Scan# 4519
Delta R.T. 0.000 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16

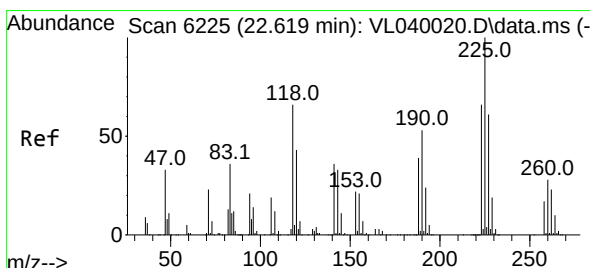
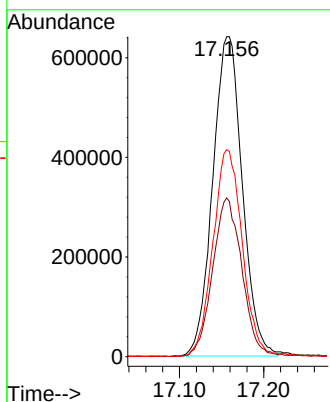
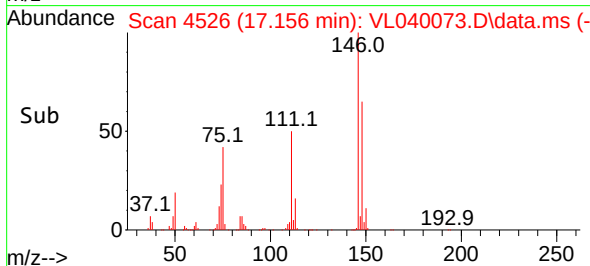
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABS01



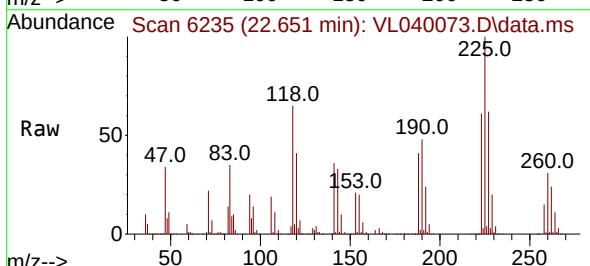
Tgt Ion:146 Resp: 156139
Ion Ratio Lower Upper
146 100
111 49.3 25.3 75.9
148 64.7 31.9 95.9

Manual Integrations
APPROVED

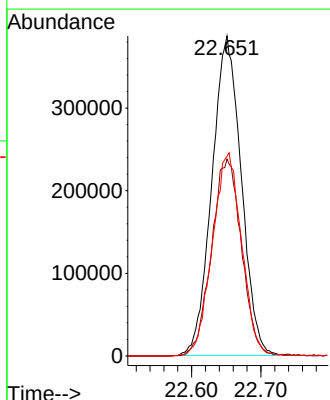
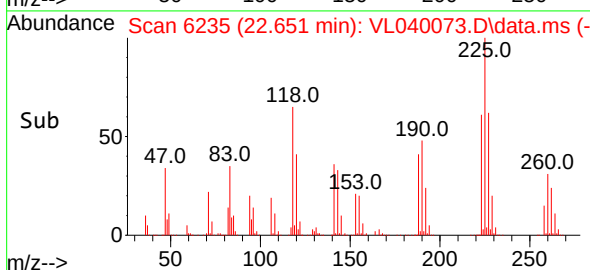
Reviewed By :Semsettin Yesilyurt 01/11/2023
Supervised By :Mahesh Dadoda 01/11/2023

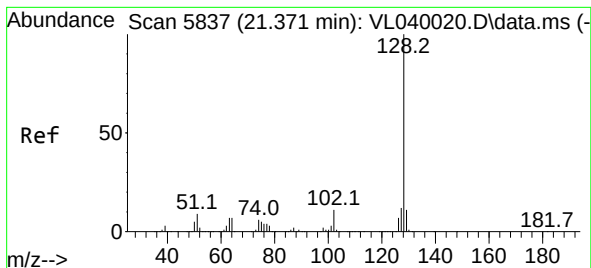


#78
Hexachloro-1,3-Butadiene
Concen: 8.011 ppbv
RT: 22.651 min Scan# 6235
Delta R.T. 0.007 min
Lab File: VL040073.D
Acq: 9 Jan 2023 13:16



Tgt Ion:225 Resp: 1137116
Ion Ratio Lower Upper
225 100
223 63.2 0.0 0.0#
227 63.8 0.0 0.0#





#79

Naphthalene

Concen: 10.289 ppbv

RT: 21.403 min Scan# 5847

Delta R.T. 0.007 min

Lab File: VL040073.D

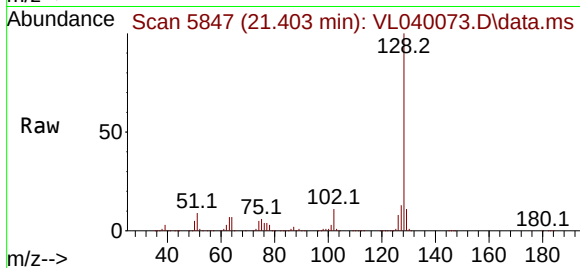
Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01



Tgt Ion:128 Resp: 2390680

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

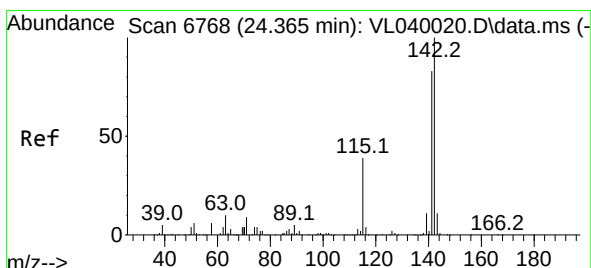
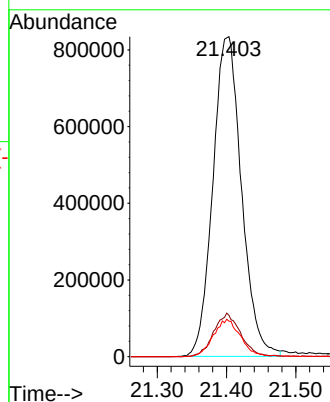
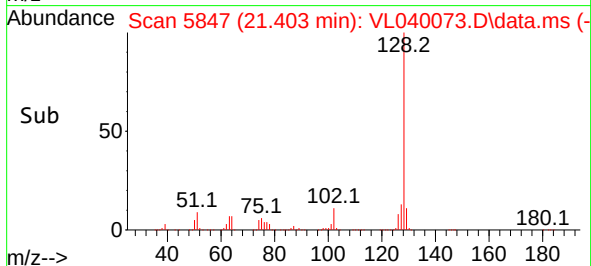
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023



#80

Naphthalene,2-methyl-

Concen: 7.373 ppbv

RT: 24.390 min Scan# 6776

Delta R.T. 0.000 min

Lab File: VL040073.D

Acq: 9 Jan 2023 13:16

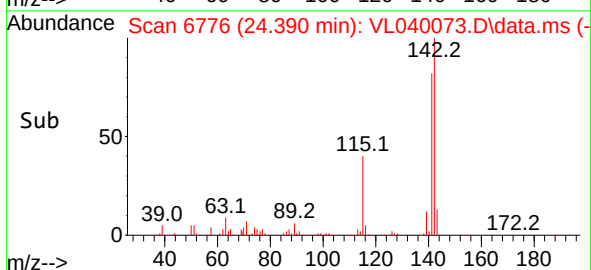
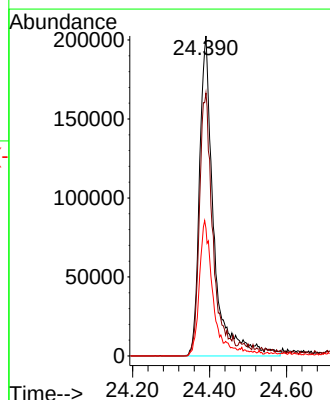
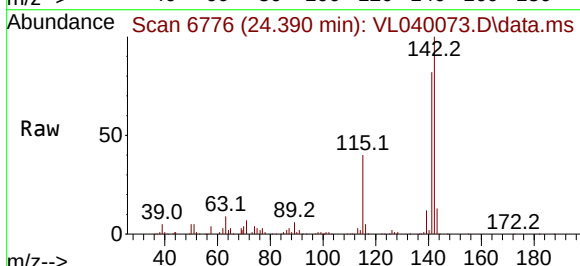
Tgt Ion:142 Resp: 524100

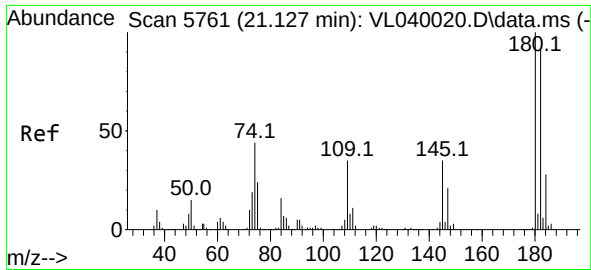
Ion Ratio Lower Upper

142 100

141 80.5 65.3 97.9

115 42.8 31.9 47.9





#81

1,2,4-Trichlorobenzene

Concen: 8.863 ppbv

RT: 21.153 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL040073.D

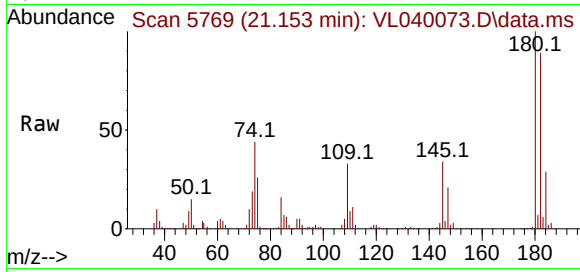
Acq: 9 Jan 2023 13:16

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABS01



Tgt Ion:180 Resp: 122313

Ion Ratio Lower Upper

180 100

182 96.6 76.6 115.0

184 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/11/2023

Supervised By :Mahesh Dadoda 01/11/2023

