

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040311.D
 Acq On : 5 Apr 2023 10:58
 Operator : SY/MD
 Sample : VL0405ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 07:49:54 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.166	49	1053646	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.632	114	2582051	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2652461	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.760 95 2181375 9.821 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.700	85	1810729	8.759	ppbv	97
3) Chlorodifluoromethane	2.645	51	1164857	8.792	ppbv	99
4) Chloromethane	2.783	50	741135	9.059	ppbv	100
5) Vinyl Chloride	2.890	62	635998	9.601	ppbv	100
6) Bromomethane	3.092	94	224096	9.755	ppbv	99
7) Chloroethane	3.169	64	237859	9.353	ppbv	96
8) Dichlorotetrafluoroethane	2.828	85	1641268	9.275	ppbv	99
9) Propene	2.664	41	478566	9.428	ppbv	95
10) Heptane	7.558	43	1187389	9.726	ppbv	100
11) Trichlorofluoromethane	3.536	101	1732793	9.251	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.041	101	1245038	8.851	ppbv	99
13) Ethanol	3.217	45	27596	7.413	ppbv	97
14) Bromoethene	3.336	108	508266	9.686	ppbv	98
15) Acetone	3.439	43	1105011	8.614	ppbv	99
16) 1,3-Butadiene	2.957	39	555415	9.526	ppbv	98
17) tert-Butyl alcohol	3.848	59	1226640	10.062	ppbv	100
18) 1,1-Dichloroethene	3.851	96	550922	9.129	ppbv	98
19) Isopropyl Alcohol	3.545	45	558182	9.084	ppbv	99
20) Methylene Chloride	3.906	84	455754	8.446	ppbv	97
21) Allyl Chloride	3.970	41	776349	9.344	ppbv	99
22) trans-1,2-Dichloroethene	4.420	96	565004	9.199	ppbv	96
23) Vinyl Acetate	4.600	43	344220	9.646	ppbv #	96
24) 1,1-Dichloroethane	4.536	63	1135611	8.922	ppbv	97
25) Ethyl Acetate	5.179	43	2222763	9.256	ppbv	99
26) Hexane	5.188	57	936044	9.496	ppbv	97
27) Carbon Disulfide	4.095	76	1336286	9.705	ppbv	99
28) Methyl tert-Butyl Ether	4.558	73	1029055	9.092	ppbv	99
29) Chloroform	5.250	83	1657433	9.522	ppbv	98
30) Cyclohexane	6.581	84	783097	10.081	ppbv	100
31) cis-1,2-Dichloroethene	5.053	61	966320	10.066	ppbv	99
32) 1,1,1-Trichloroethane	5.983	97	1677473	10.059	ppbv	98
34) 2-Butanone	4.761	43	1204166	9.449	ppbv	99
35) Carbon Tetrachloride	6.471	117	1722595	10.631	ppbv	99
36) Benzene	6.349	78	1949651	9.908	ppbv	98
37) 1,2-Dichloroethane	5.783	62	1276779	9.969	ppbv	100
38) Trichloroethene	7.269	130	1181449	10.987	ppbv	95
39) 1,2-Dichloropropane	7.053	63	755935	9.792	ppbv	97
40) 1,4-Dioxane	7.266	88	286342	9.375	ppbv	75
41) Tetrahydrofuran	5.532	42	724472	9.851	ppbv	99
42) Bromodichloromethane	7.230	83	1763017	10.074	ppbv	98
43) Methyl Methacrylate	7.452	69	780240	10.670	ppbv	99
44) 2,2,4-Trimethylpentane	7.304	57	3301064	10.062	ppbv	100
45) t-1,3-Dichloropropene	8.690	75	740299	11.613	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040523\
 Data File : VL040311.D
 Acq On : 5 Apr 2023 10:58
 Operator : SY/MD
 Sample : VL0405ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

Quant Time: Apr 06 07:49:54 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Wed Mar 15 16:14:43 2023

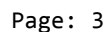
Response via : Initial Calibration

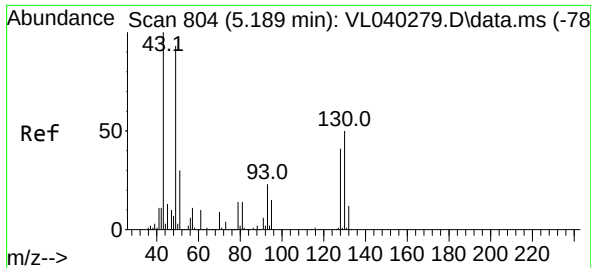
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	1029874	11.377	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	801913	9.735	ppbv	95
48) Dibromochloromethane	9.693	129	1376518	10.155	ppbv	99
49) Bromoform	12.391	173	1036456	10.180	ppbv	100
50) 4-Methyl-2-Pentanone	8.159	43	2011810	10.202	ppbv	98
51) 2-Hexanone	9.532	43	1524172	9.977	ppbv	100
52) Tetrachloroethene	10.597	164	634720	10.662	ppbv	98
53) Toluene	9.201	91	2185158	10.597	ppbv	99
54) 1,2-Dibromoethane	9.989	107	863772	10.187	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.494	131	1003345	8.992	ppbv	98
57) Chlorobenzene	11.507	112	1644577	8.716	ppbv	98
58) Ethyl Benzene	12.072	91	2931156	9.705	ppbv	98
59) m/p-Xylene	12.359	91	5173189m	18.697	ppbv	
60) o-Xylene	13.040	91	2479374	9.374	ppbv	100
61) Styrene	12.883	104	1372470	10.226	ppbv	99
62) Isopropylbenzene	14.011	105	3475336	9.227	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.031	83	779896	8.380	ppbv	100
64) n-propylbenzene	14.902	120	865533	9.391	ppbv	97
65) tert-Butylbenzene	16.072	119	3087870	9.513	ppbv	99
66) Benzyl Chloride	16.313	91	203615	9.653	ppbv	98
67) sec-Butylbenzene	16.622	105	4483204	9.658	ppbv	100
69) p-Isopropyltoluene	16.982	119	3657807	10.118	ppbv	99
70) n-Butylbenzene	17.870	91	4139904	10.395	ppbv	100
71) 2-Chlorotoluene	14.783	91	2696213	9.405	ppbv	100
72) 4-Ethyltoluene	15.178	105	2860743	9.893	ppbv	100
73) 1,3,5-Trimethylbenzene	15.336	105	2568111	9.804	ppbv	100
74) 1,2,4-Trimethylbenzene	16.092	105	2886589	9.663	ppbv	95
75) 1,3-Dichlorobenzene	16.313	146	1570749	9.709	ppbv	99
76) 1,4-Dichlorobenzene	16.461	146	1530259	9.917	ppbv	99
77) 1,2-Dichlorobenzene	17.130	146	1577192	10.142	ppbv	100
78) Hexachloro-1,3-Butadiene	22.619	225	1097559	9.624	ppbv	99
79) Naphthalene	21.365	128	2267394	12.831	ppbv	99
80) Naphthalene,2-methyl-	24.361	142	363758	8.128	ppbv	98
81) 1,2,4-Trichlorobenzene	21.127	180	1201631	11.040	ppbv	99

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

Manual Integrations

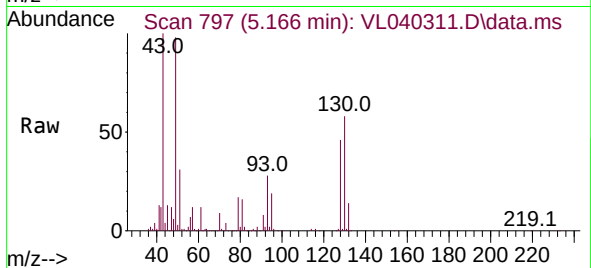
Quant Time: Apr 06 07:49:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 79
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

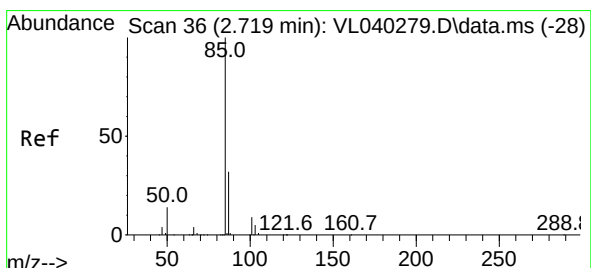
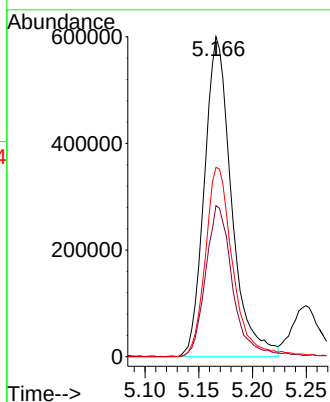
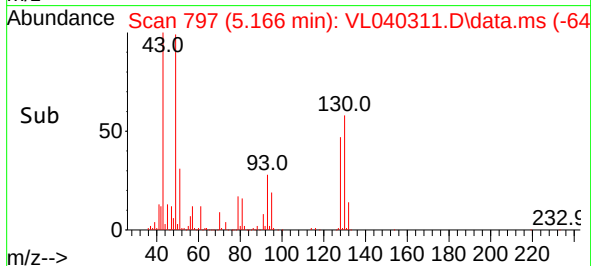
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



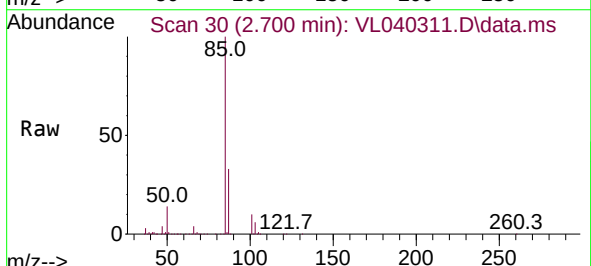
Tgt Ion: 49 Resp: 105364
Ion Ratio Lower Upper
49 100
128 47.7 22.4 67.3
130 60.6 28.7 86.1

Manual Integrations
APPROVED

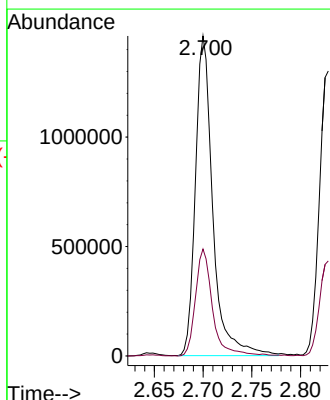
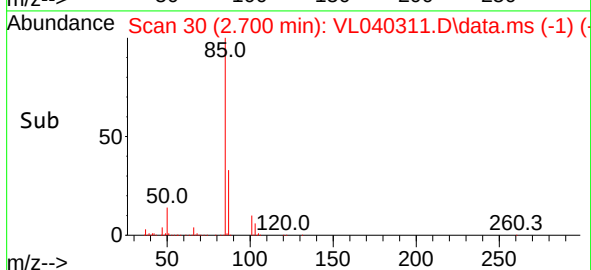
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

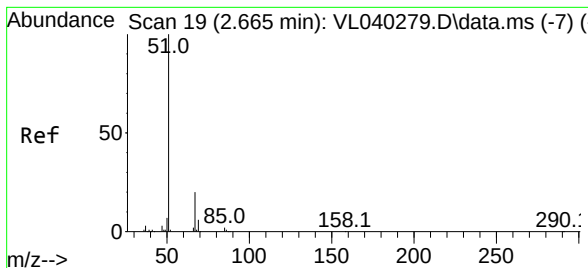


#2
Dichlorodifluoromethane
Concen: 8.759 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.019 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



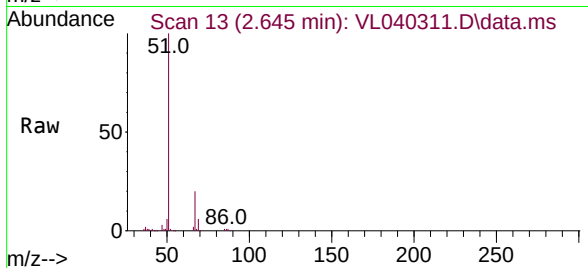
Tgt Ion: 85 Resp: 1810729
Ion Ratio Lower Upper
85 100
87 33.4 25.5 38.3





#3
Chlorodifluoromethane
Concen: 8.792 ppbv
RT: 2.645 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

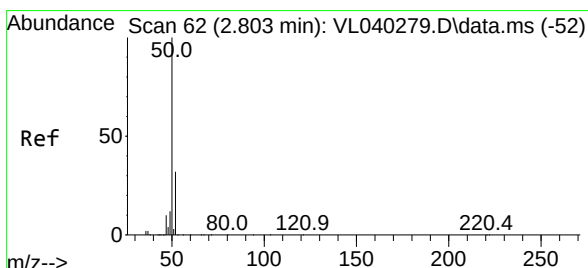
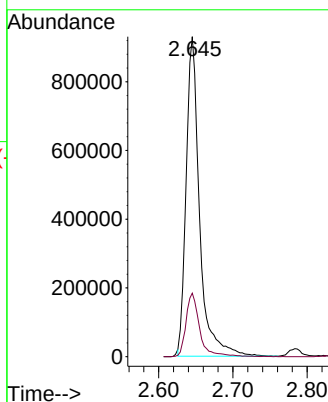
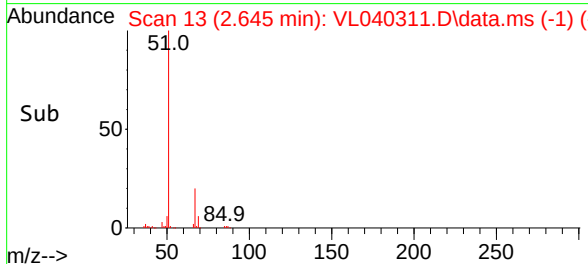
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



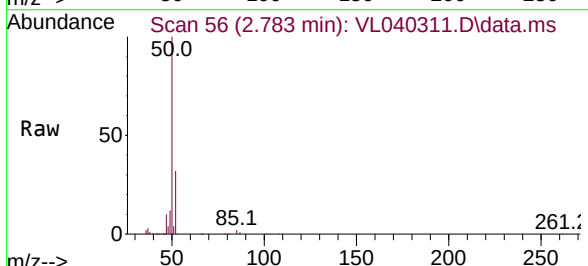
Tgt Ion: 51 Resp: 116485
Ion Ratio Lower Upper
51 100
67 20.3 16.0 24.0

Manual Integrations
APPROVED

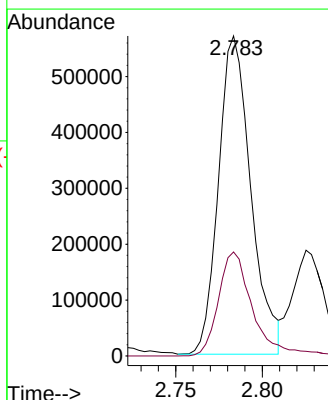
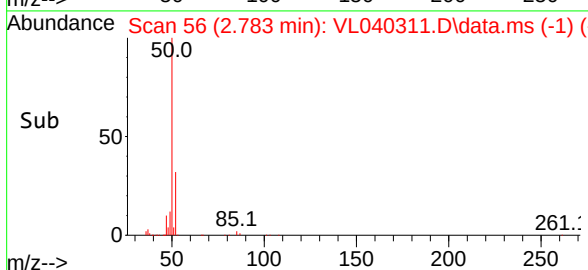
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

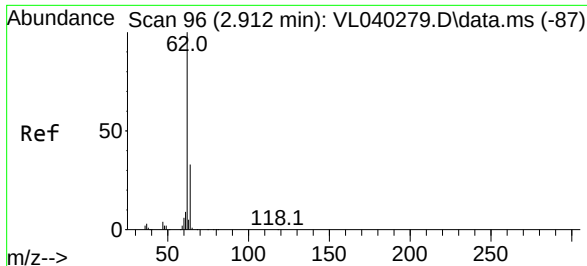


#4
Chloromethane
Concen: 9.059 ppbv
RT: 2.783 min Scan# 56
Delta R.T. -0.020 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



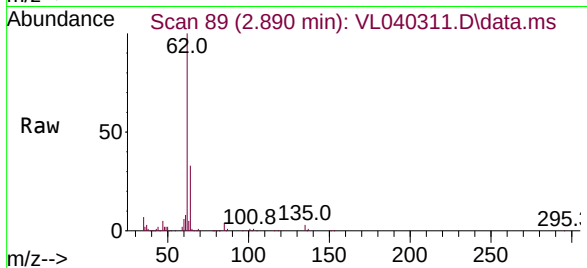
Tgt Ion: 50 Resp: 741135
Ion Ratio Lower Upper
50 100
52 32.7 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.601 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. -0.022 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

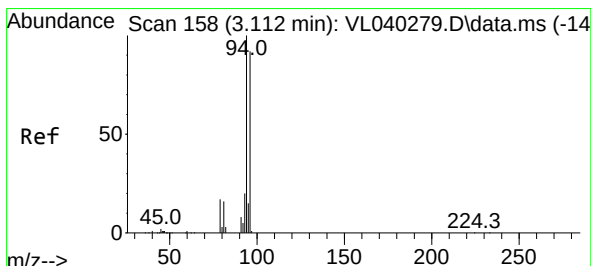
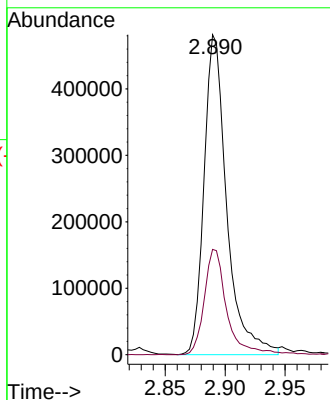
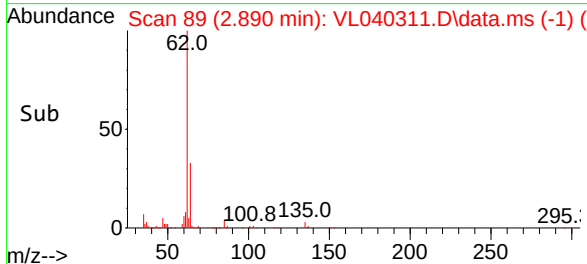
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABS01



Tgt Ion: 62 Resp: 635998
 Ion Ratio Lower Upper
 62 100
 64 32.9 26.4 39.6

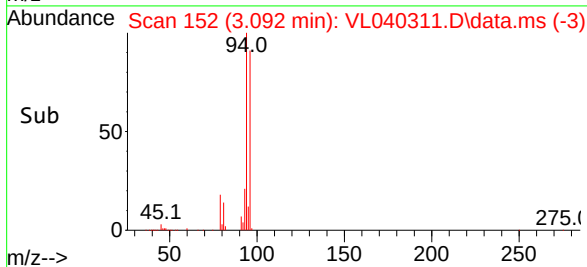
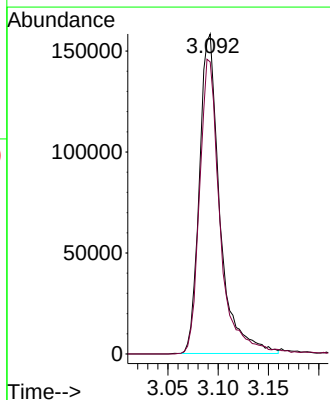
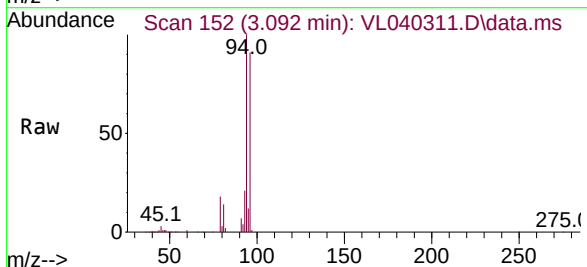
Manual Integrations
 APPROVED

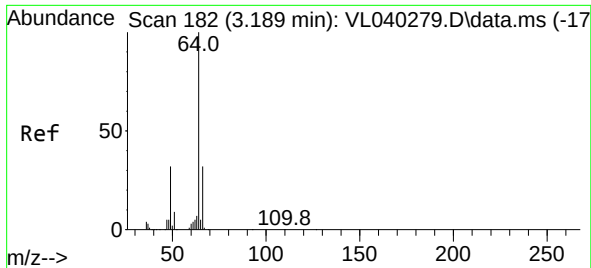
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#6
 Bromomethane
 Concen: 9.755 ppbv
 RT: 3.092 min Scan# 152
 Delta R.T. -0.020 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

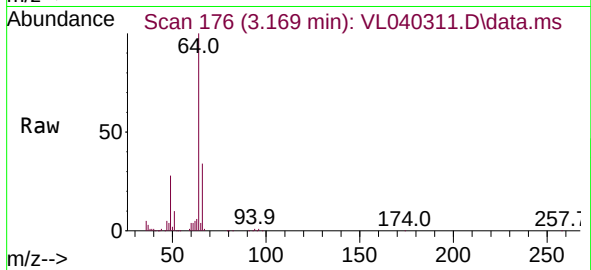
Tgt Ion: 94 Resp: 224096
 Ion Ratio Lower Upper
 94 100
 96 91.2 73.7 110.5





#7
Chloroethane
Concen: 9.353 ppbv
RT: 3.169 min Scan# 11
Delta R.T. -0.020 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

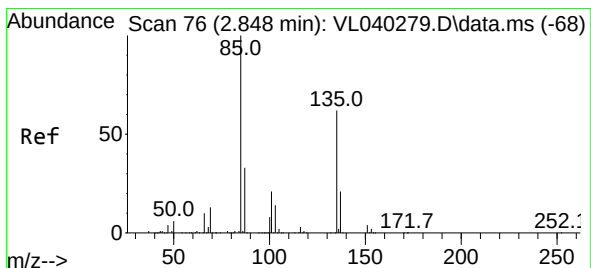
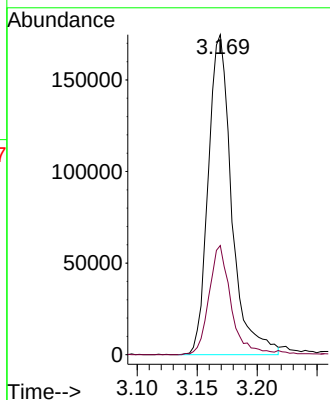
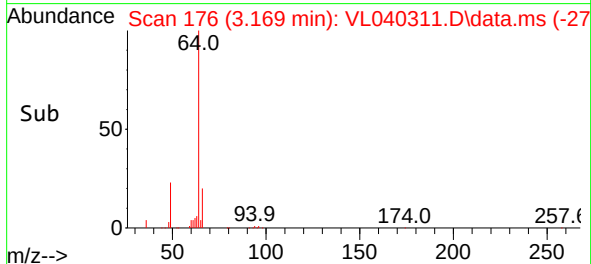
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



Tgt Ion: 64 Resp: 237859
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3

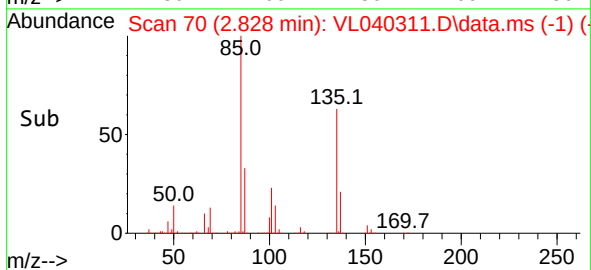
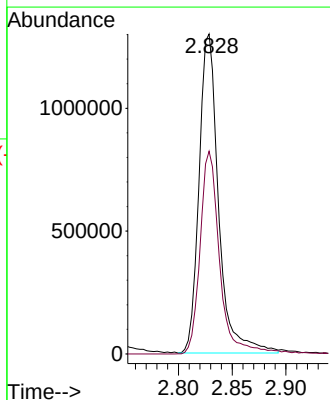
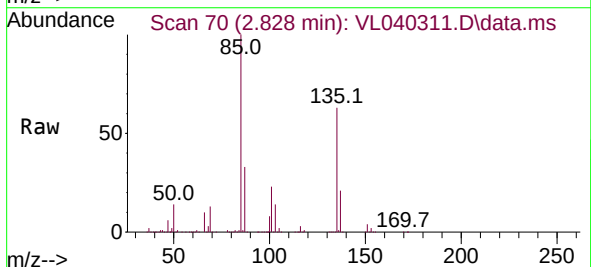
Manual Integrations
APPROVED

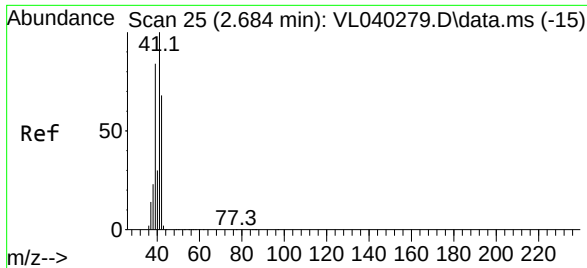
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#8
Dichlorotetrafluoroethane
Concen: 9.275 ppbv
RT: 2.828 min Scan# 70
Delta R.T. -0.020 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

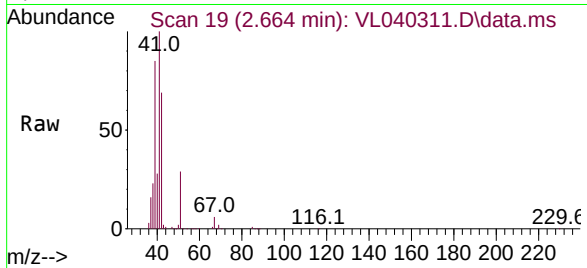
Tgt Ion: 85 Resp: 1641268
Ion Ratio Lower Upper
85 100
135 64.3 52.0 78.0





#9
 Propene
 Concen: 9.428 ppbv
 RT: 2.664 min Scan# 1540
 Delta R.T. -0.020 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

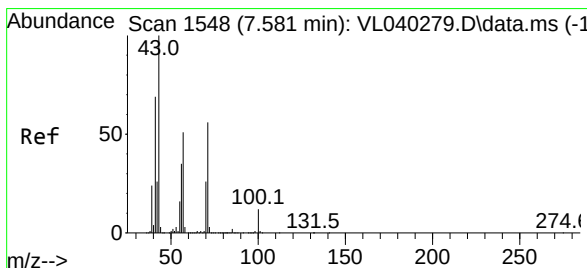
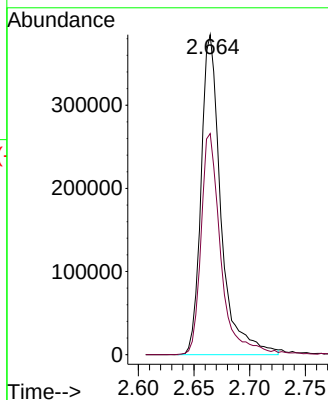
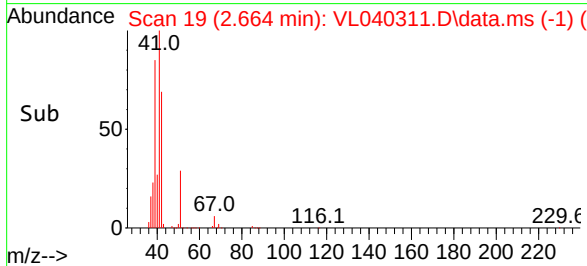
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABS01



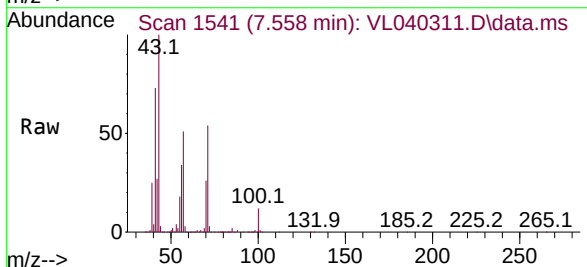
Tgt Ion: 41 Resp: 478560
 Ion Ratio Lower Upper
 41 100
 42 69.3 59.0 88.4

Manual Integrations
 APPROVED

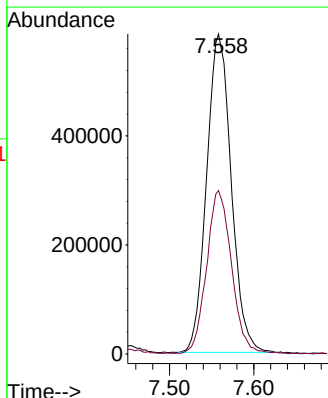
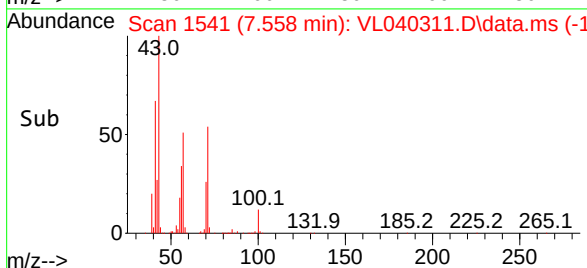
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023

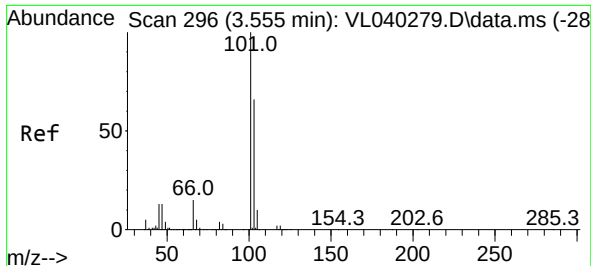


#10
 Heptane
 Concen: 9.726 ppbv
 RT: 7.558 min Scan# 1541
 Delta R.T. -0.023 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58



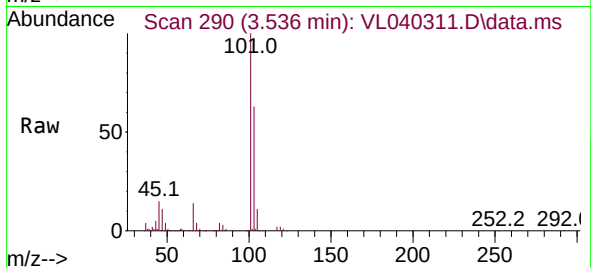
Tgt Ion: 43 Resp: 1187389
 Ion Ratio Lower Upper
 43 100
 57 52.0 41.7 62.5





#11
Trichlorofluoromethane
Concen: 9.251 ppbv
RT: 3.536 min Scan# 296
Delta R.T. -0.019 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

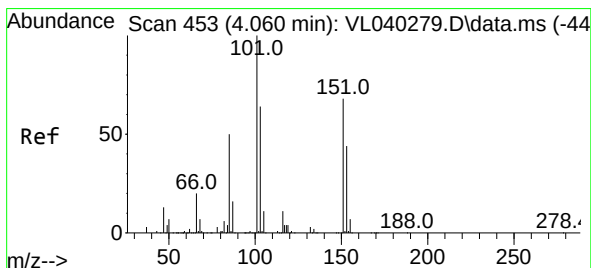
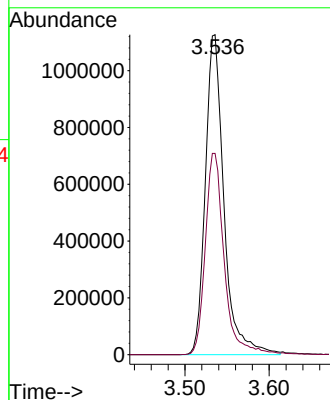
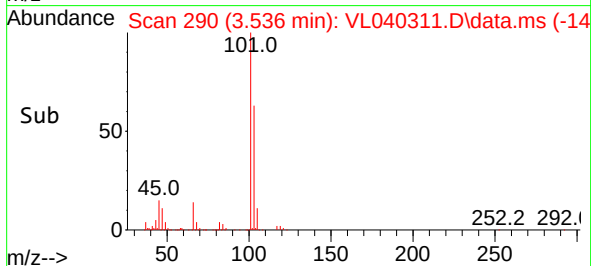
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



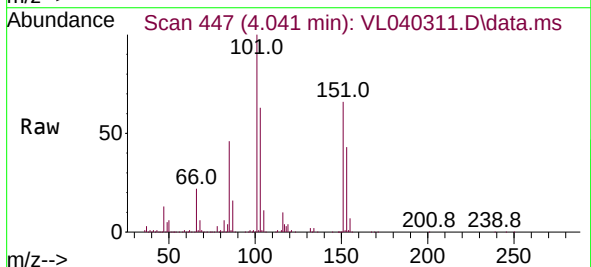
Tgt Ion:101 Resp: 173279
Ion Ratio Lower Upper
101 100
103 62.9 53.1 79.7

Manual Integrations
APPROVED

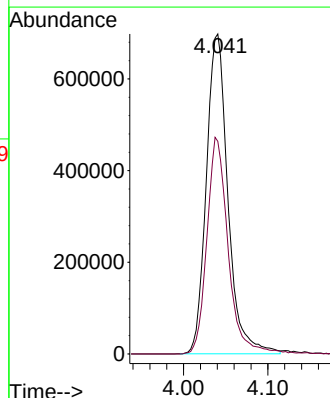
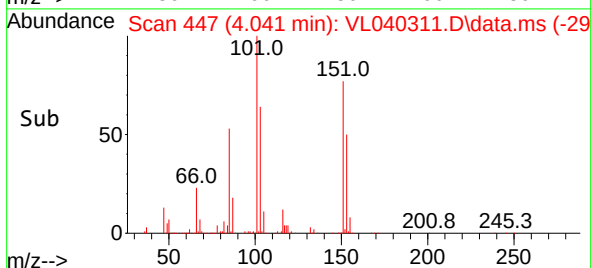
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

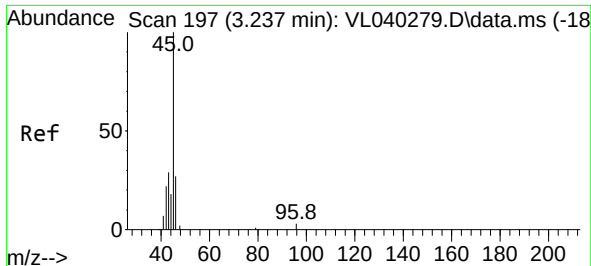


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.851 ppbv
RT: 4.041 min Scan# 447
Delta R.T. -0.019 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



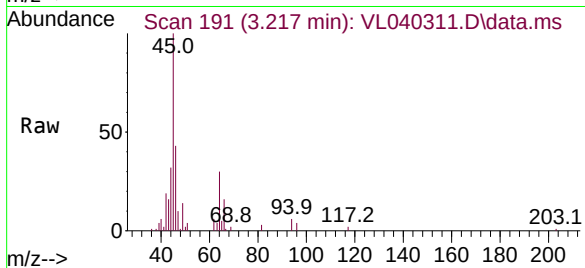
Tgt Ion:101 Resp: 1245038
Ion Ratio Lower Upper
101 100
151 67.0 53.2 79.8





#13
Ethanol
Concen: 7.413 ppbv
RT: 3.217 min Scan# 197
Delta R.T. -0.020 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

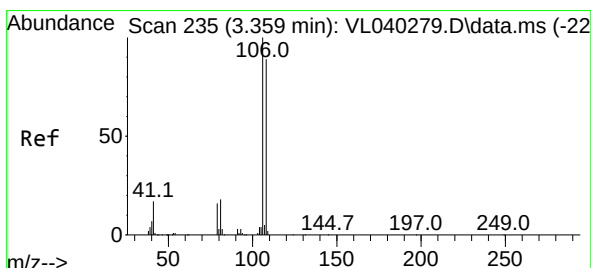
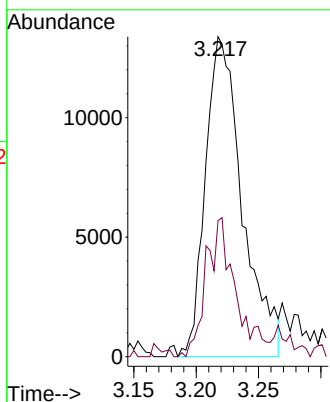
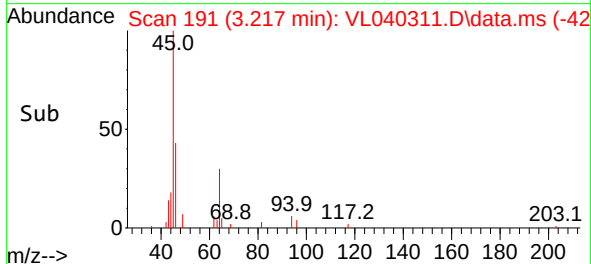
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



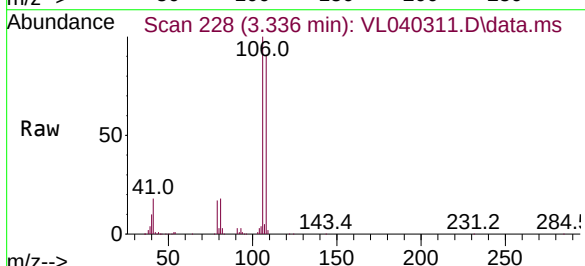
Tgt Ion: 45 Resp: 27590
Ion Ratio Lower Upper
45 100
46 35.7 15.0 60.2

Manual Integrations
APPROVED

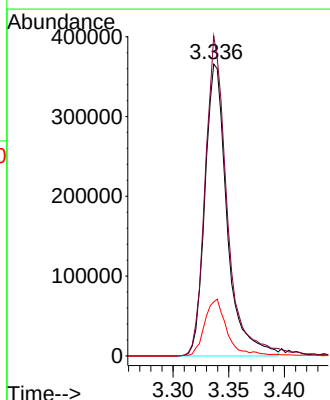
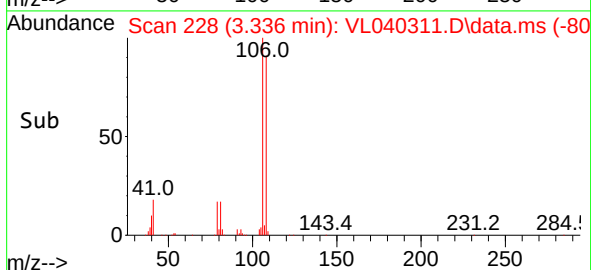
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

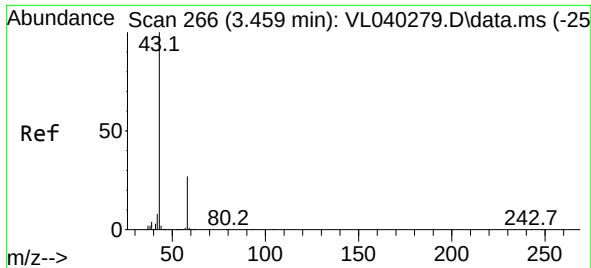


#14
Bromoethene
Concen: 9.686 ppbv
RT: 3.336 min Scan# 228
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



Tgt Ion:108 Resp: 508266
Ion Ratio Lower Upper
108 100
106 109.7 85.8 128.8
79 20.2 15.8 23.6





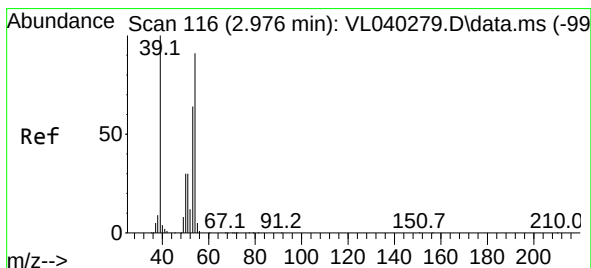
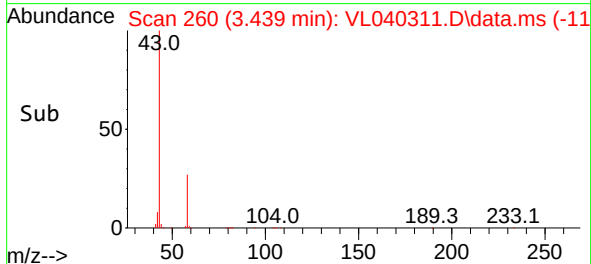
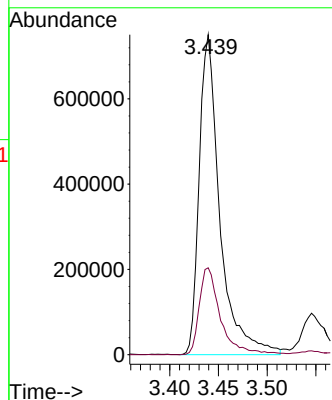
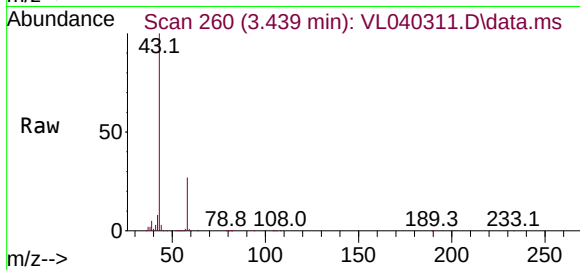
#15
Acetone
Concen: 8.614 ppbv
RT: 3.439 min Scan# 210
Delta R.T. -0.020 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01

Tgt Ion: 43 Resp: 110501
Ion Ratio Lower Upper
43 100
58 27.9 21.8 32.8

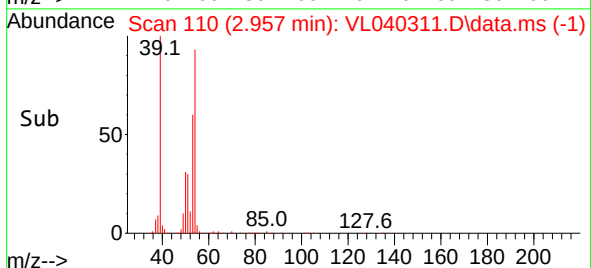
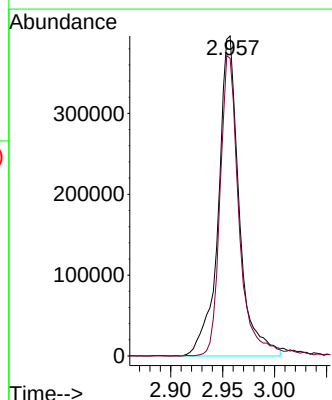
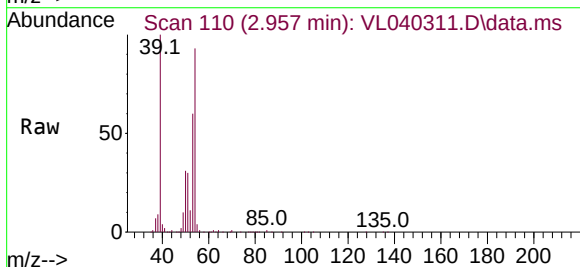
Manual Integrations
APPROVED

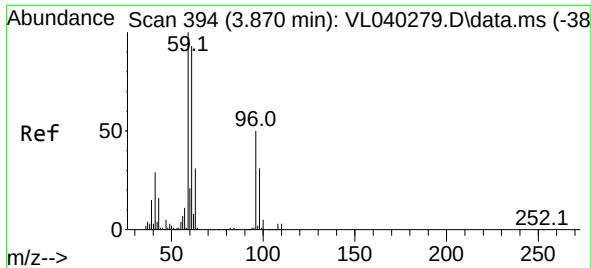
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#16
1,3-Butadiene
Concen: 9.526 ppbv
RT: 2.957 min Scan# 110
Delta R.T. -0.019 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Tgt Ion: 39 Resp: 555415
Ion Ratio Lower Upper
39 100
54 86.9 68.4 102.6





#17

tert-Butyl alcohol

Concen: 10.062 ppbv

RT: 3.848 min Scan# 387

Delta R.T. -0.022 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

Tgt Ion: 59 Resp: 1226640

Ion Ratio Lower Upper

59 100

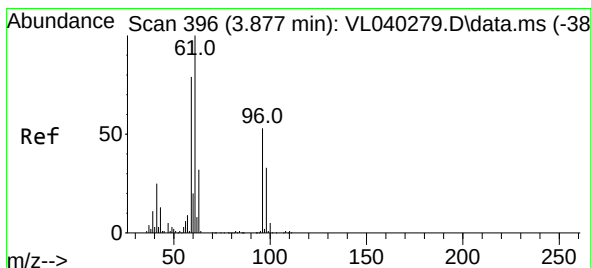
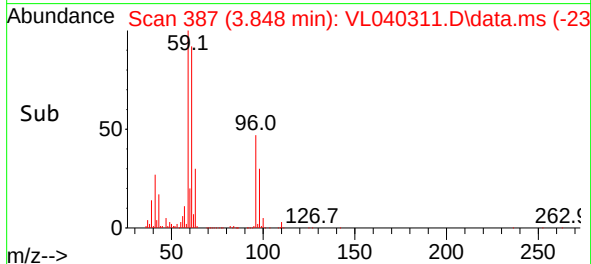
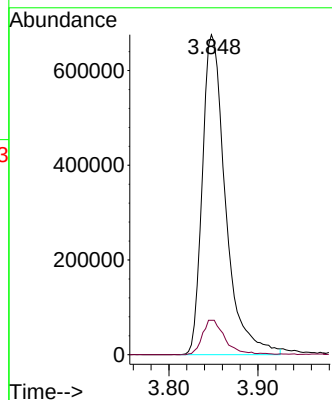
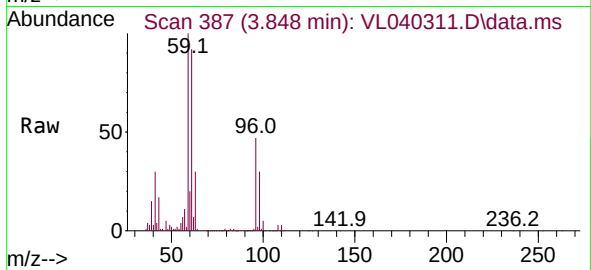
57 10.8 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#18

1,1-Dichloroethene

Concen: 9.129 ppbv

RT: 3.851 min Scan# 388

Delta R.T. -0.026 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

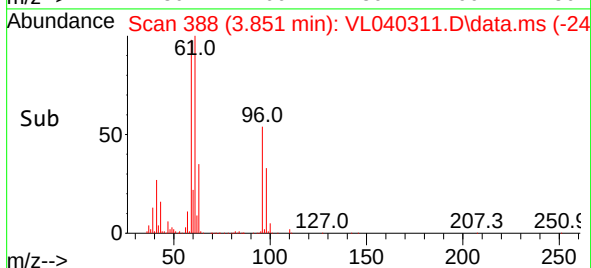
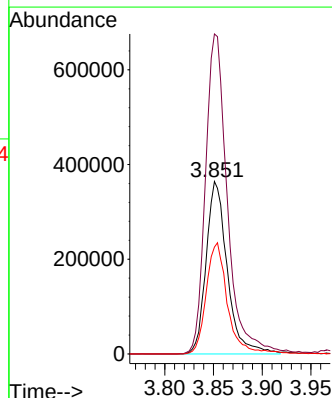
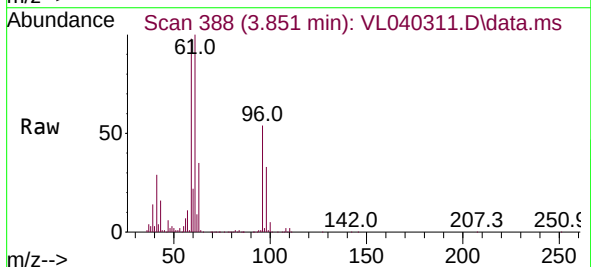
Tgt Ion: 96 Resp: 550922

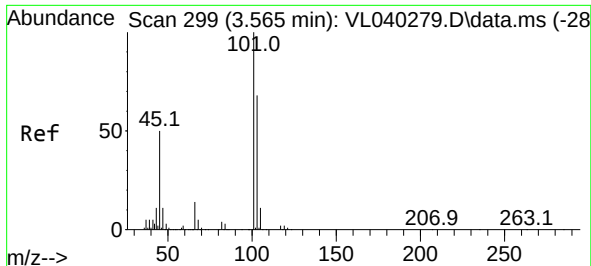
Ion Ratio Lower Upper

96 100

61 185.3 150.6 226.0

98 62.0 50.3 75.5





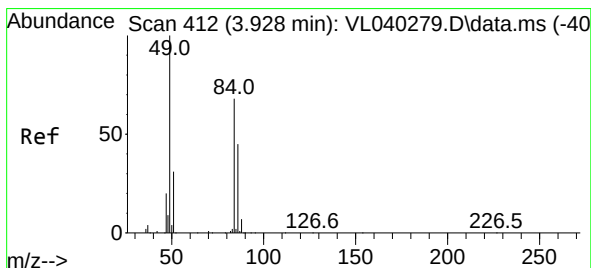
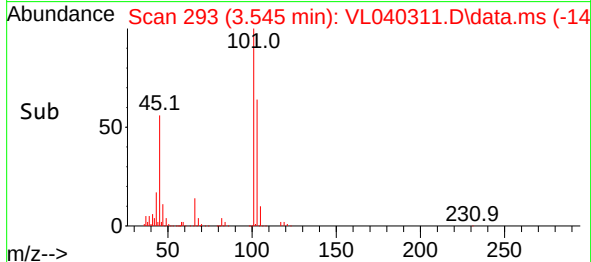
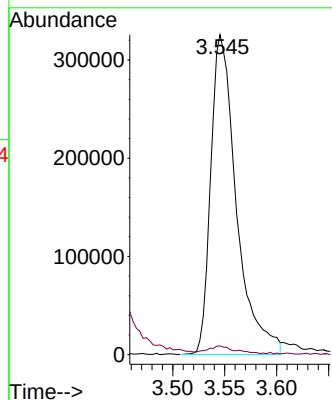
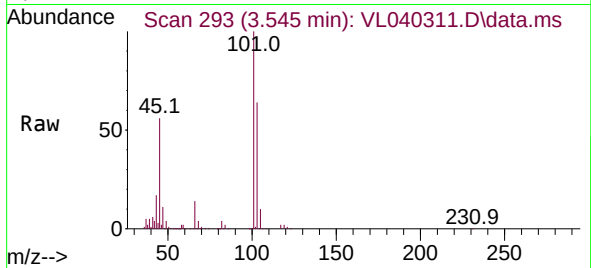
#19
Isopropyl Alcohol
Concen: 9.084 ppbv
RT: 3.545 min Scan# 299
Delta R.T. -0.020 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Instrument : MSVOA_L
ClientSampleId : VL0405ABS01

Tgt Ion: 45 Resp: 55818
Ion Ratio Lower Upper
45 100
58 3.1 2.7 4.1

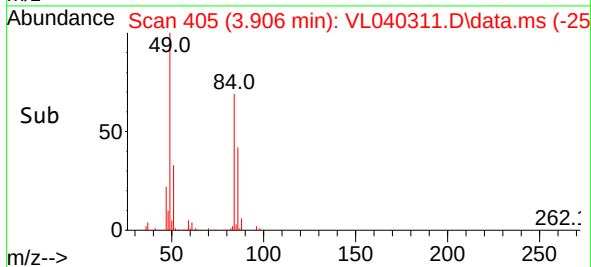
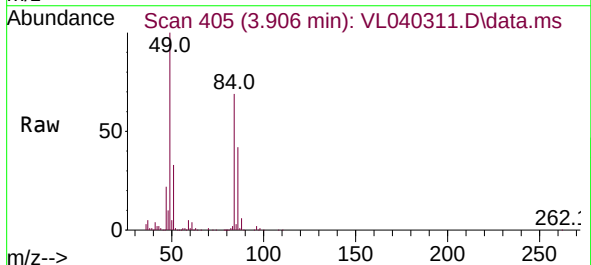
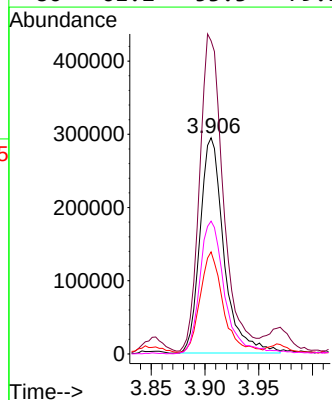
Manual Integrations
APPROVED

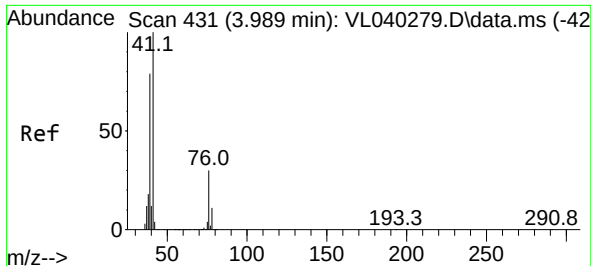
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#20
Methylene Chloride
Concen: 8.446 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.022 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

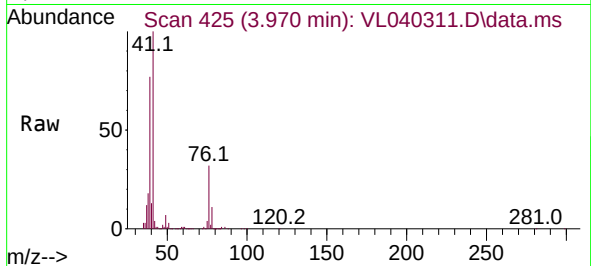
Tgt Ion: 84 Resp: 455754
Ion Ratio Lower Upper
84 100
49 144.1 117.5 176.3
51 46.5 36.9 55.3
86 61.2 53.3 79.9





#21
 Allyl Chloride
 Concen: 9.344 ppbv
 RT: 3.970 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

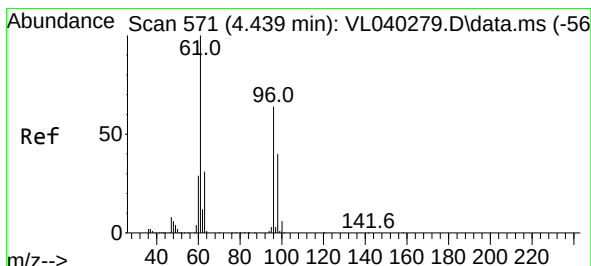
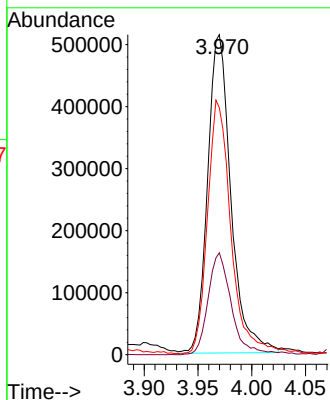
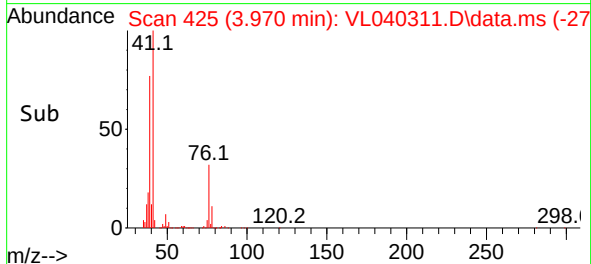
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABS01



Tgt Ion: 41 Resp: 776349
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.4 38.0
 39 80.7 65.4 98.2

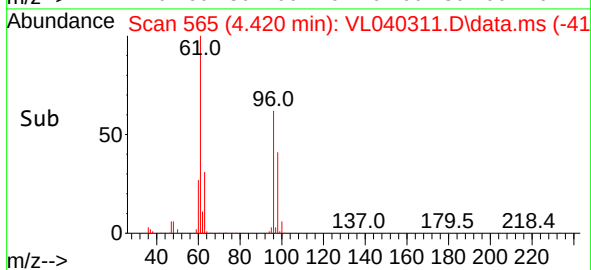
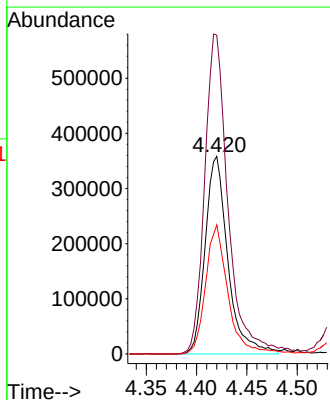
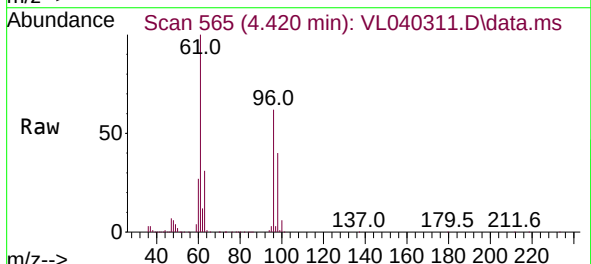
Manual Integrations
 APPROVED

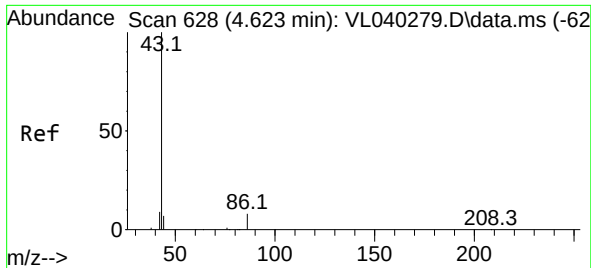
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.199 ppbv
 RT: 4.420 min Scan# 565
 Delta R.T. -0.019 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

Tgt Ion: 96 Resp: 565004
 Ion Ratio Lower Upper
 96 100
 61 161.3 125.4 188.2
 98 65.3 49.8 74.6





#23
 Vinyl Acetate
 Concen: 9.646 ppbv
 RT: 4.600 min Scan# 601
 Delta R.T. -0.023 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

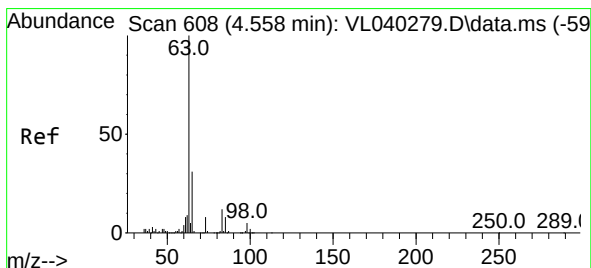
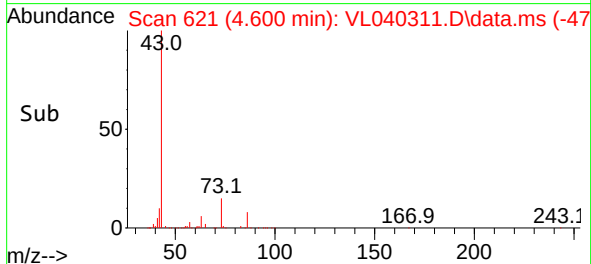
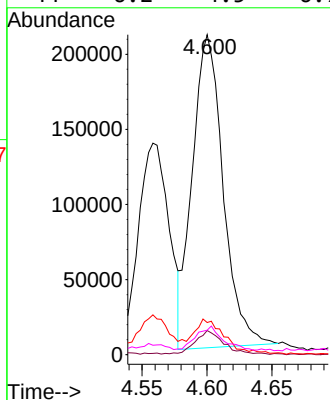
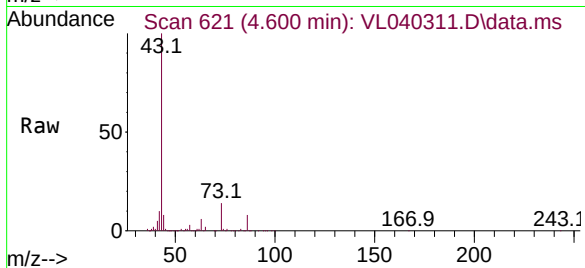
VL0405ABS01

Tgt Ion: 43 Resp: 344220
 Ion Ratio Lower Upper
 43 100
 86 7.5 5.0 7.4
 42 9.8 9.1 13.7
 44 6.2 4.5 6.7

Manual Integrations

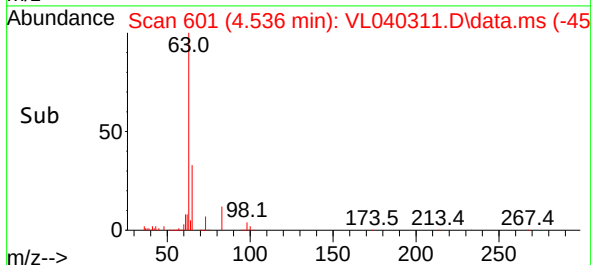
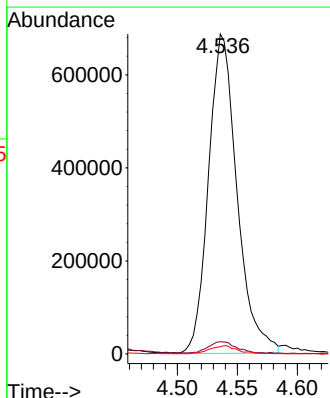
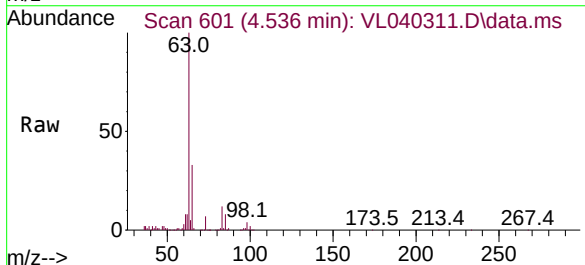
APPROVED

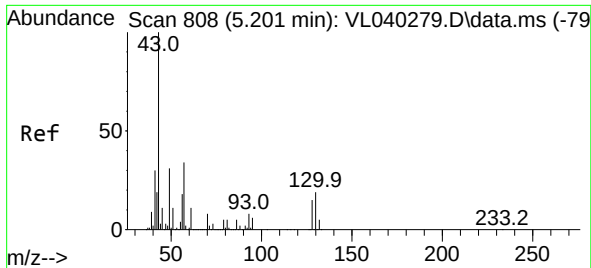
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#24
 1,1-Dichloroethane
 Concen: 8.922 ppbv
 RT: 4.536 min Scan# 601
 Delta R.T. -0.022 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

Tgt Ion: 63 Resp: 1135611
 Ion Ratio Lower Upper
 63 100
 98 3.5 2.4 7.2
 100 2.2 1.2 3.6





#25

Ethyl Acetate

Concen: 9.256 ppbv

RT: 5.179 min Scan# 801

Delta R.T. -0.022 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

Tgt Ion: 43 Resp: 222276

Ion Ratio Lower Upper

43 100

45 10.4 8.6 12.8

61 10.2 8.4 12.6

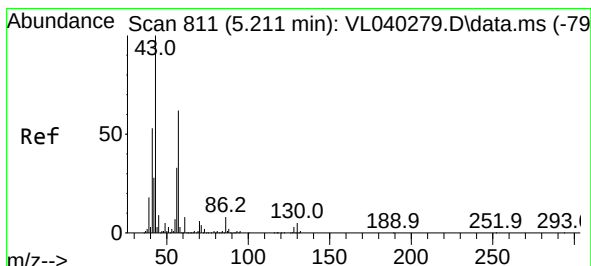
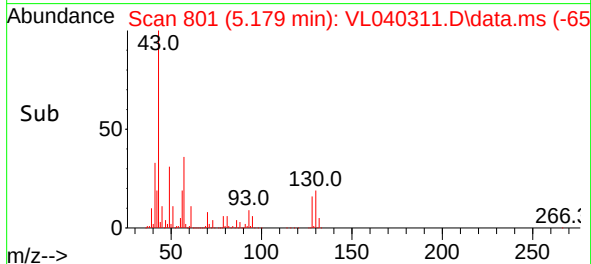
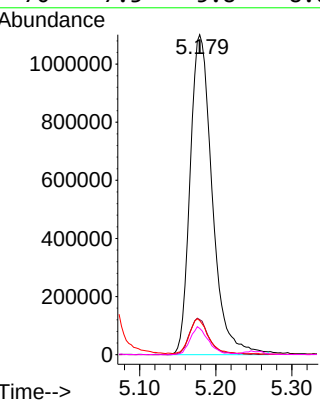
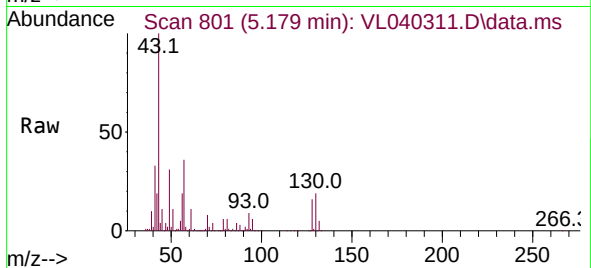
70 7.3 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#26

Hexane

Concen: 9.496 ppbv

RT: 5.188 min Scan# 804

Delta R.T. -0.023 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Tgt Ion: 57 Resp: 936044

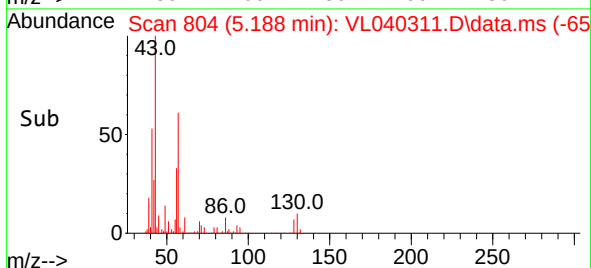
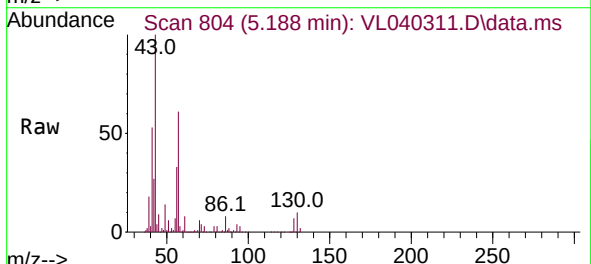
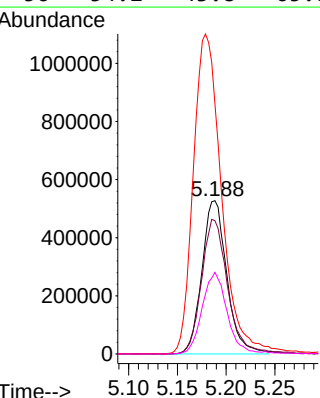
Ion Ratio Lower Upper

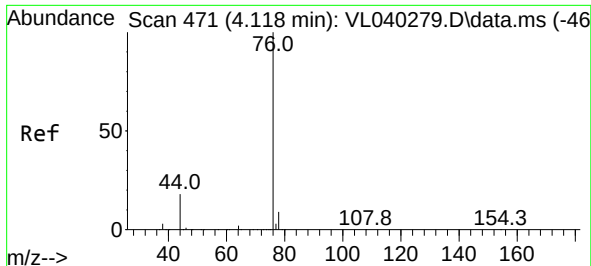
57 100

41 93.1 73.5 110.3

43 239.2 196.3 294.5

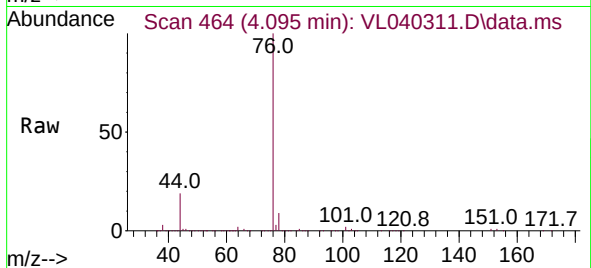
56 54.2 43.8 65.8





#27
Carbon Disulfide
Concen: 9.705 ppbv
RT: 4.095 min Scan# 409
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

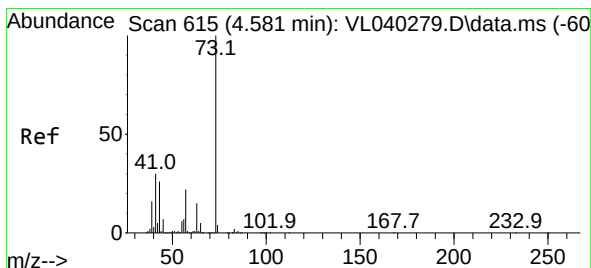
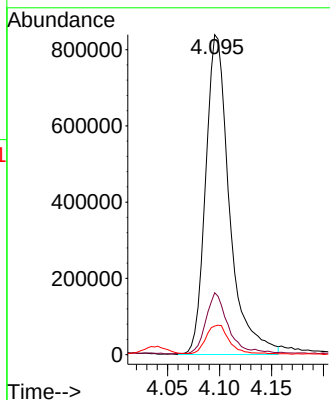
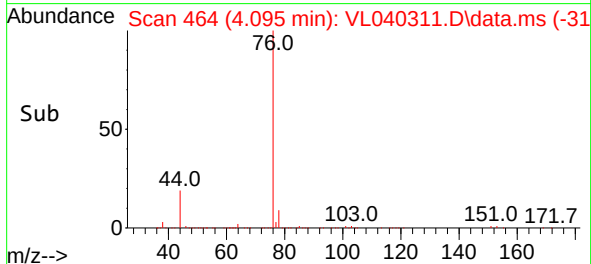
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



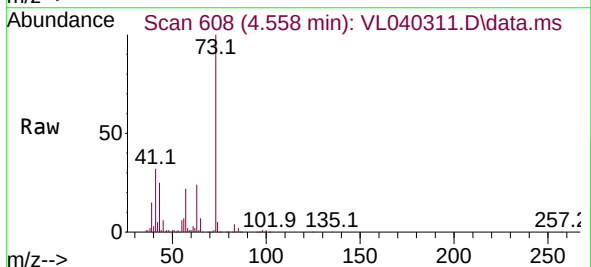
Tgt Ion: 76 Resp: 1336280
Ion Ratio Lower Upper
76 100
44 18.9 15.2 22.8
78 10.1 7.6 11.4

Manual Integrations
APPROVED

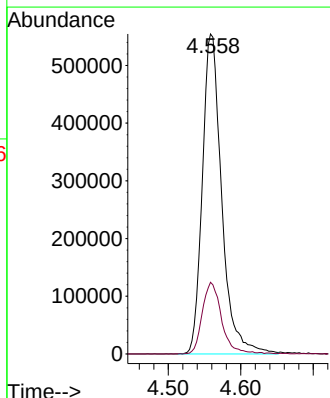
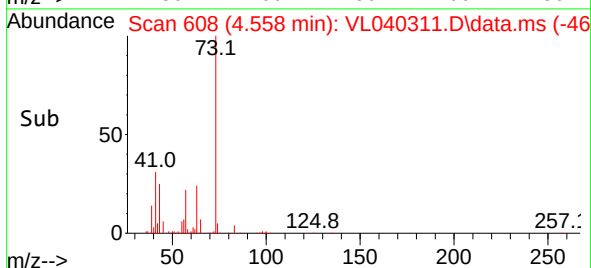
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

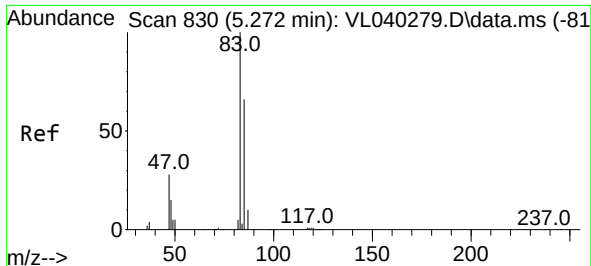


#28
Methyl tert-Butyl Ether
Concen: 9.092 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



Tgt Ion: 73 Resp: 1029055
Ion Ratio Lower Upper
73 100
57 22.6 18.4 27.6





#29

Chloroform

Concen: 9.522 ppbv

RT: 5.250 min Scan# 81

Delta R.T. -0.022 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

Tgt Ion: 83 Resp: 165743

Ion Ratio Lower Upper

83 100

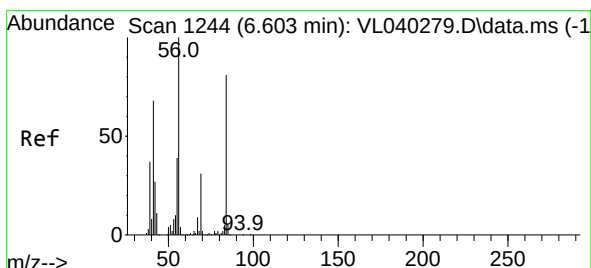
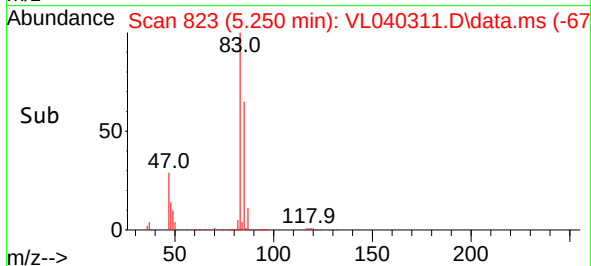
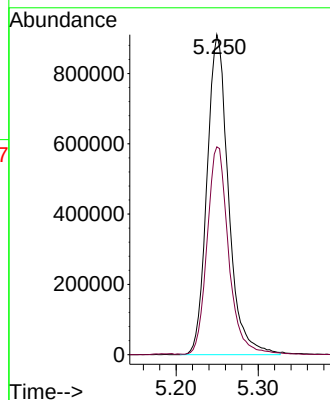
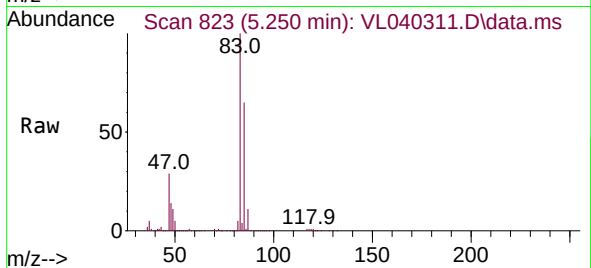
85 64.8 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#30

Cyclohexane

Concen: 10.081 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. -0.022 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

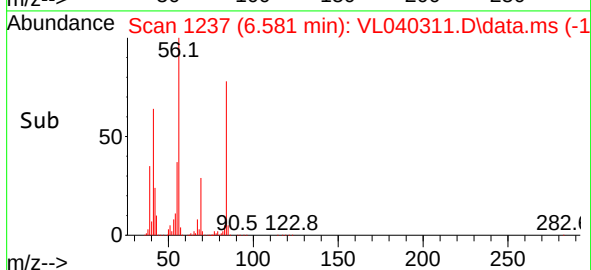
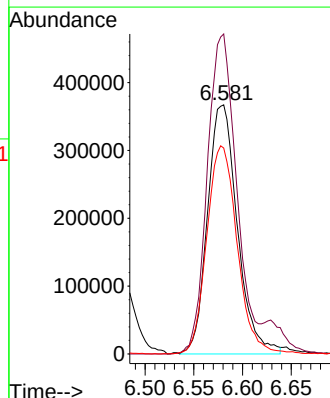
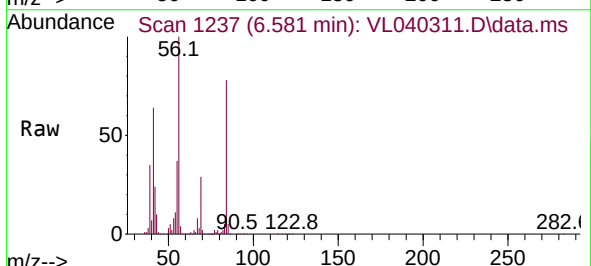
Tgt Ion: 84 Resp: 783097

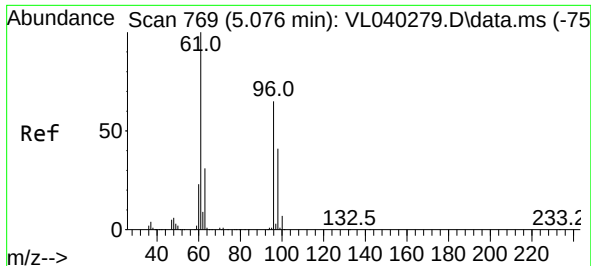
Ion Ratio Lower Upper

84 100

56 135.8 109.0 163.4

41 85.2 67.9 101.9





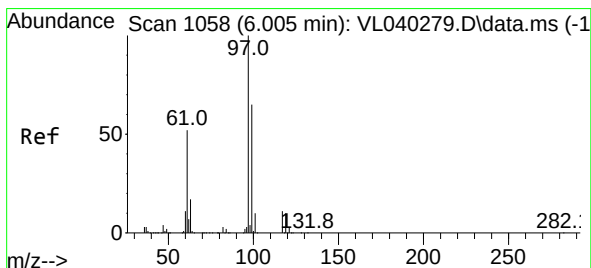
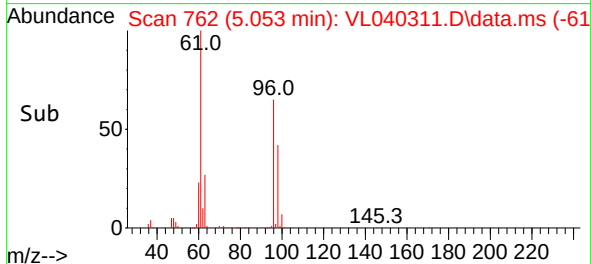
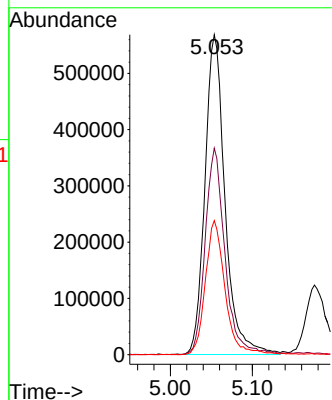
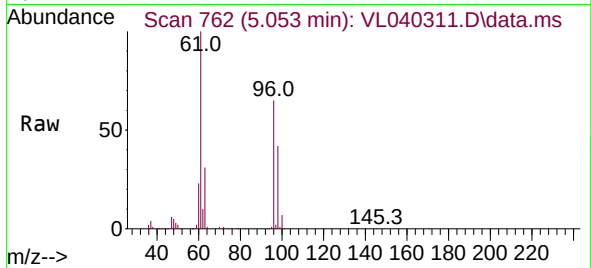
#31
 cis-1,2-Dichloroethene
 Concen: 10.066 ppbv
 RT: 5.053 min Scan# 70
 Delta R.T. -0.023 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0405ABS01

Tgt Ion: 61 Resp: 966320
 Ion Ratio Lower Upper
 61 100
 96 64.5 51.8 77.8
 98 41.9 32.5 48.7

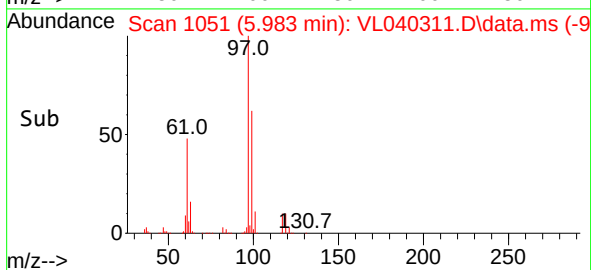
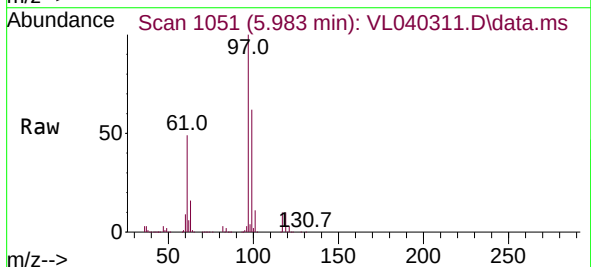
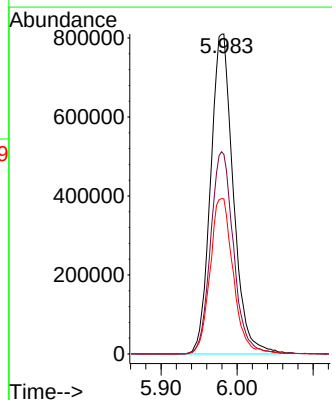
Manual Integrations
 APPROVED

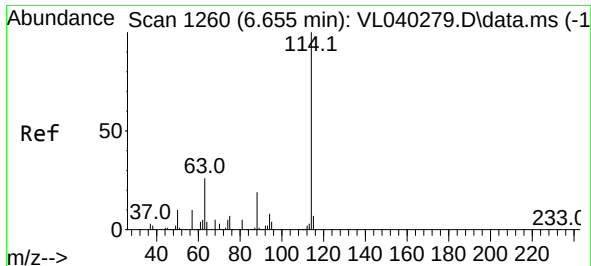
Reviewed By :Semsettin Yesilyurt 04/06/2023
 Supervised By :Mahesh Dadoda 04/06/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.059 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.022 min
 Lab File: VL040311.D
 Acq: 5 Apr 2023 10:58

Tgt Ion: 97 Resp: 1677473
 Ion Ratio Lower Upper
 97 100
 99 64.1 52.2 78.2
 61 49.8 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. -0.023 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

Tgt Ion:114 Resp: 258205

Ion Ratio Lower Upper

114 100

63 26.8 21.2 31.8

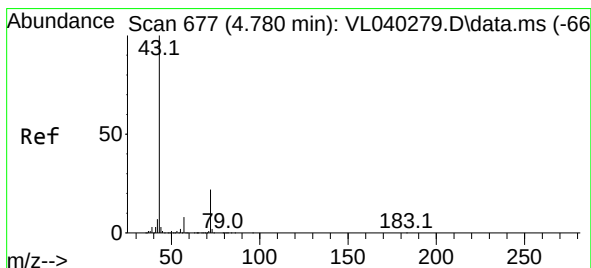
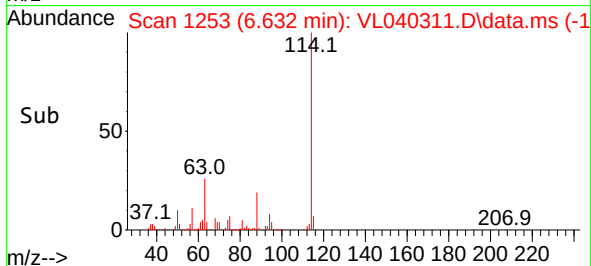
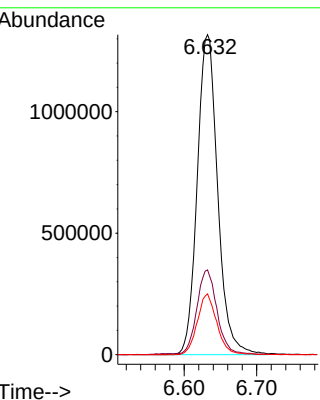
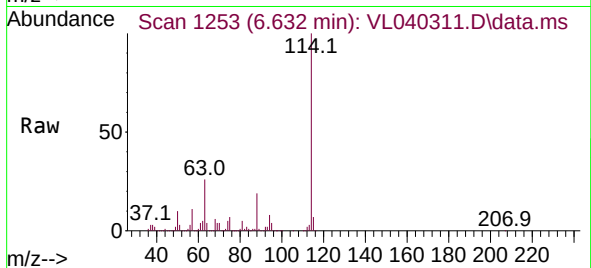
88 18.2 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#34

2-Butanone

Concen: 9.449 ppbv

RT: 4.761 min Scan# 671

Delta R.T. -0.019 min

Lab File: VL040311.D

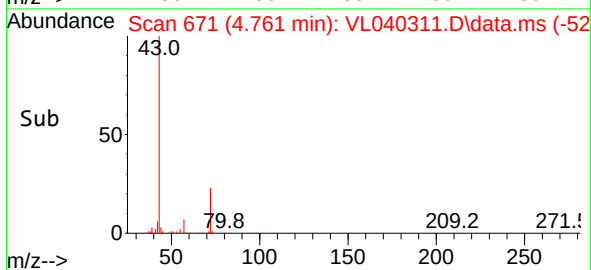
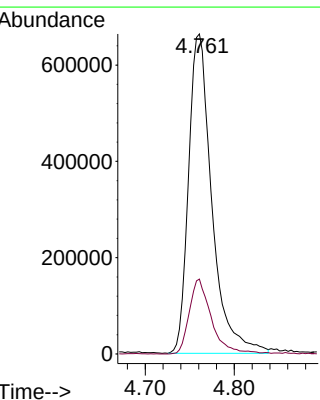
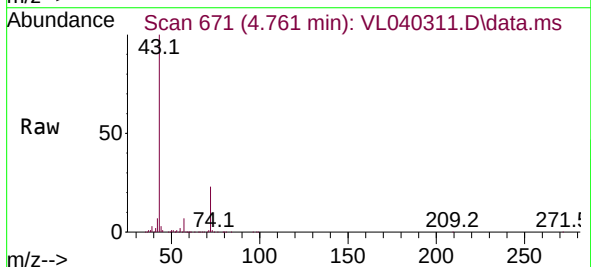
Acq: 5 Apr 2023 10:58

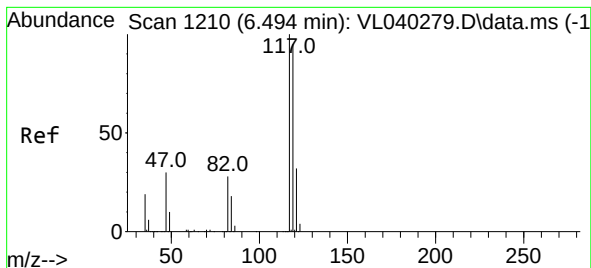
Tgt Ion: 43 Resp: 1204166

Ion Ratio Lower Upper

43 100

72 22.5 18.3 27.5





#35

Carbon Tetrachloride

Concen: 10.631 ppbv

RT: 6.471 min Scan# 1165

Delta R.T. -0.023 min

Lab File: VL040311.D

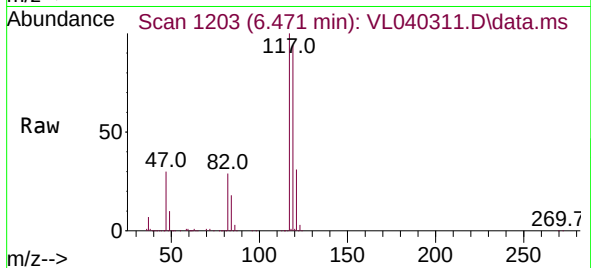
Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01



Tgt Ion: 117 Resp: 172259

Ion Ratio Lower Upper

117 100

119 94.1 76.4 114.6

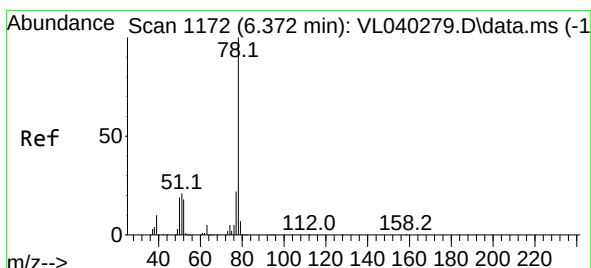
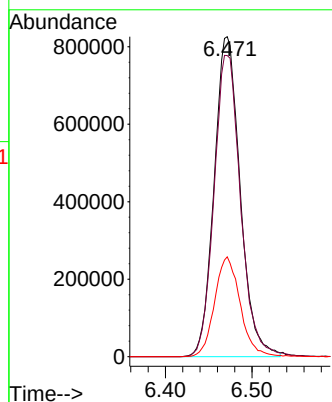
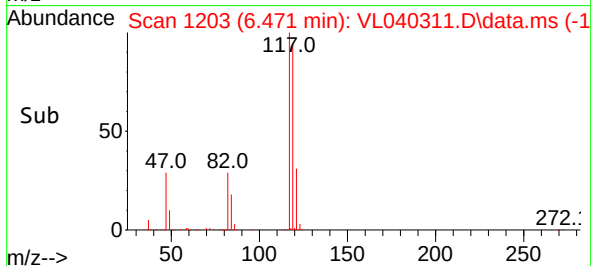
121 31.2 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#36

Benzene

Concen: 9.908 ppbv

RT: 6.349 min Scan# 1165

Delta R.T. -0.023 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

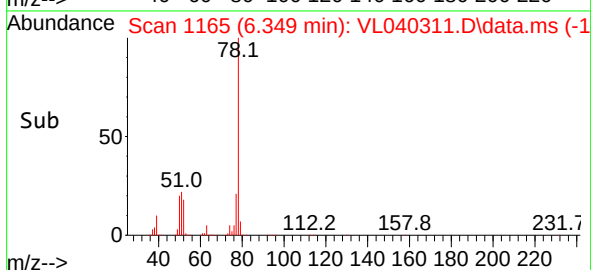
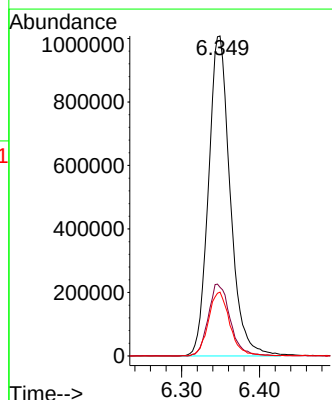
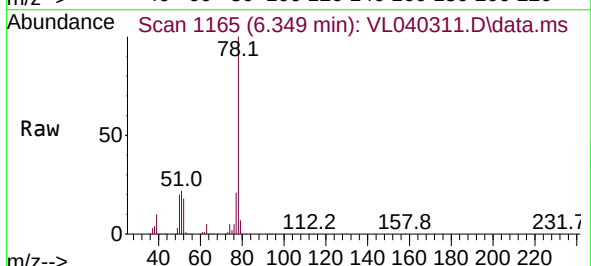
Tgt Ion: 78 Resp: 1949651

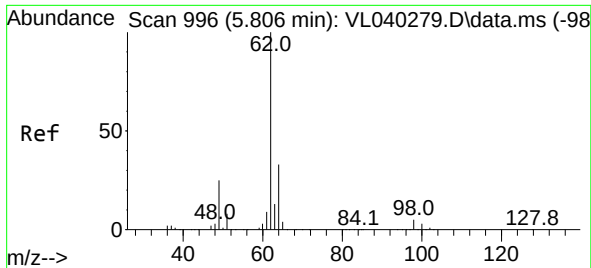
Ion Ratio Lower Upper

78 100

77 21.4 17.8 26.8

50 19.9 15.4 23.2





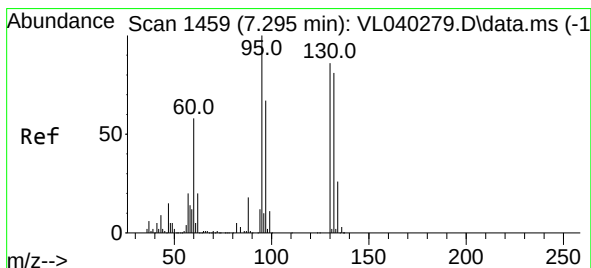
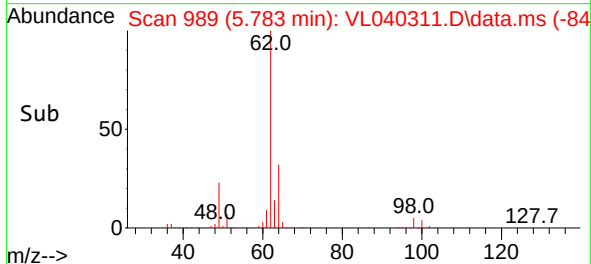
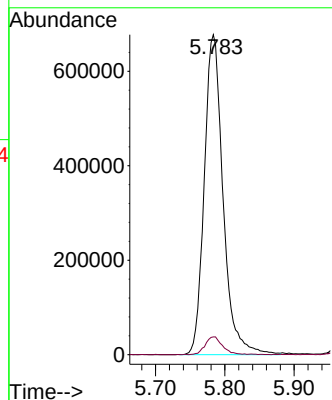
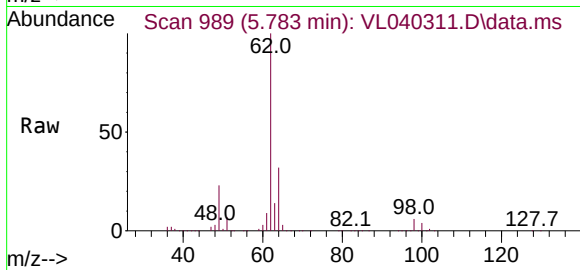
#37
1,2-Dichloroethane
Concen: 9.969 ppbv
RT: 5.783 min Scan# 996
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01

Tgt Ion: 62 Resp: 1276779
Ion Ratio Lower Upper
62 100
98 5.3 4.3 6.5

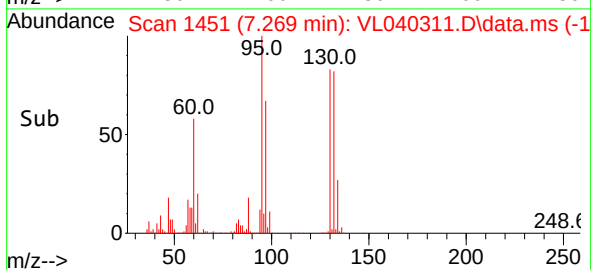
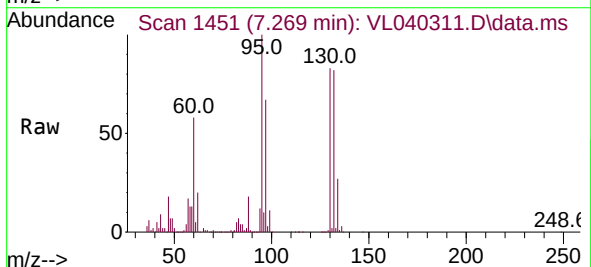
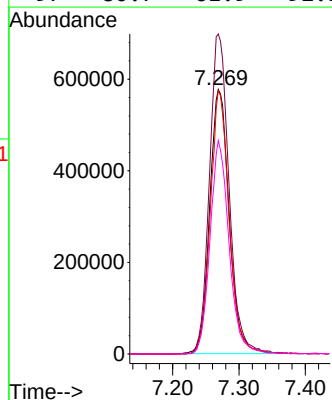
Manual Integrations
APPROVED

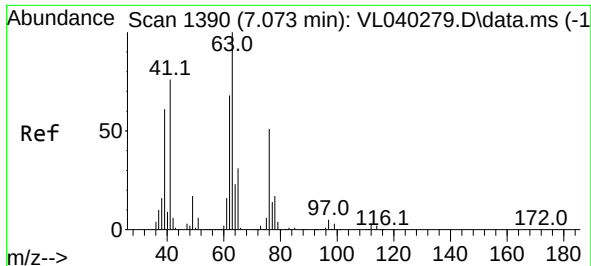
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#38
Trichloroethene
Concen: 10.987 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Tgt Ion:130 Resp: 1181449
Ion Ratio Lower Upper
130 100
95 121.1 93.0 139.4
132 99.6 75.3 112.9
97 80.7 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.792 ppbv

RT: 7.053 min Scan# 11

Delta R.T. -0.020 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

Tgt Ion: 63 Resp: 75593

Ion Ratio Lower Upper

63 100

41 72.3 60.8 91.2

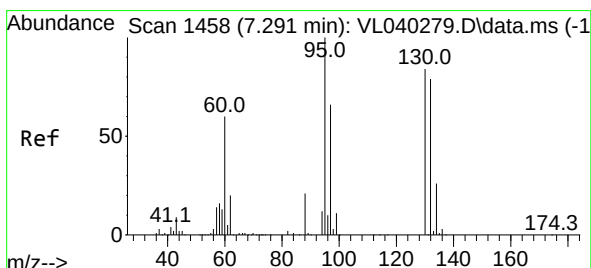
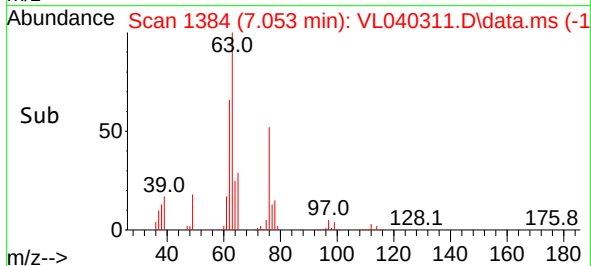
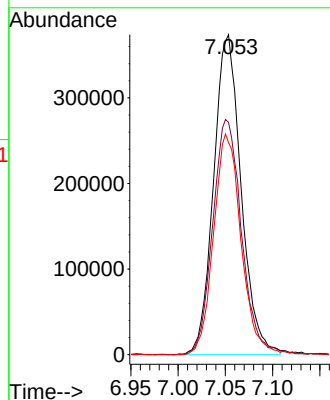
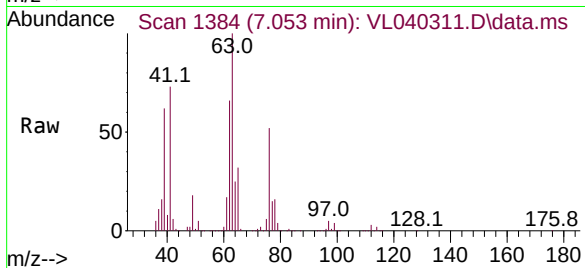
62 66.2 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#40

1,4-Dioxane

Concen: 9.375 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. -0.025 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Tgt Ion: 88 Resp: 286342

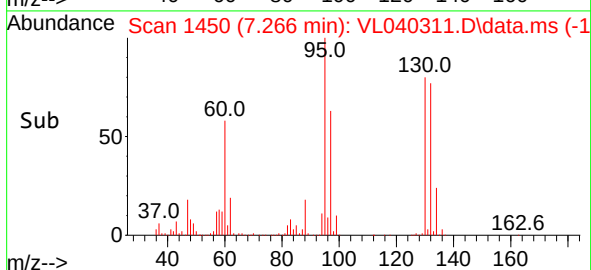
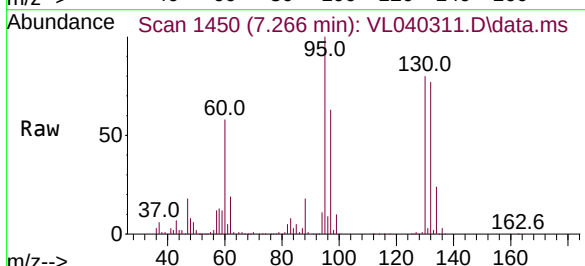
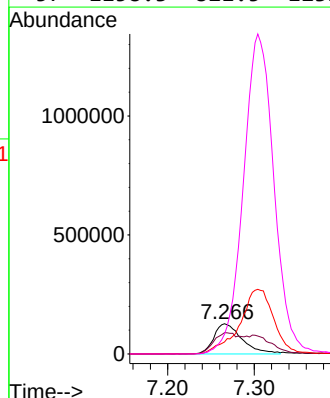
Ion Ratio Lower Upper

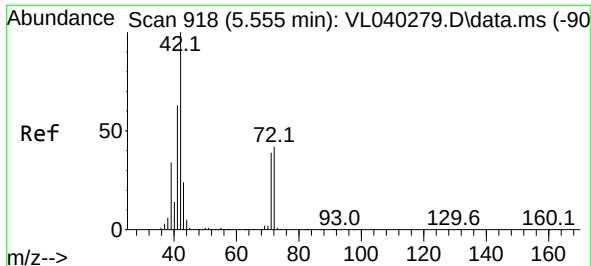
88 100

58 125.8 96.0 144.0

43 261.7 187.6 281.4

57 1158.3 821.5 1232.3





#41

Tetrahydrofuran

Concen: 9.851 ppbv

RT: 5.532 min Scan# 918

Delta R.T. -0.022 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

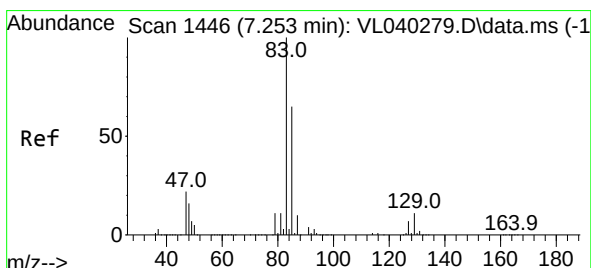
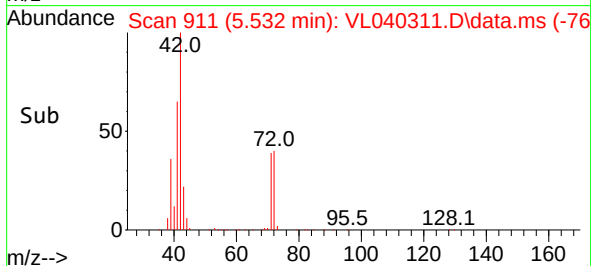
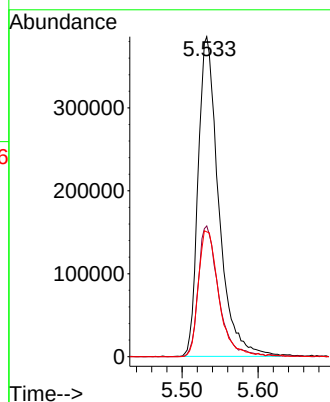
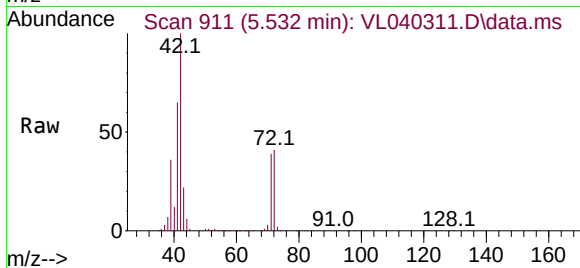
Tgt Ion: 42 Resp: 724472

Ion	Ratio	Lower	Upper
42	100		
72	40.8	32.6	49.0
71	39.8	31.0	46.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#42

Bromodichloromethane

Concen: 10.074 ppbv

RT: 7.230 min Scan# 1439

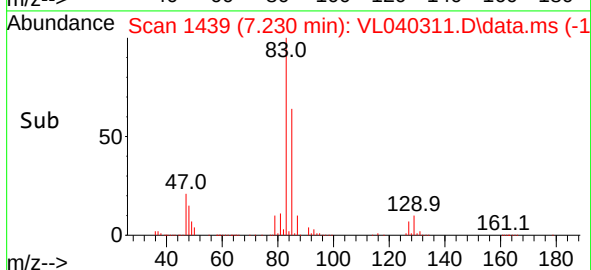
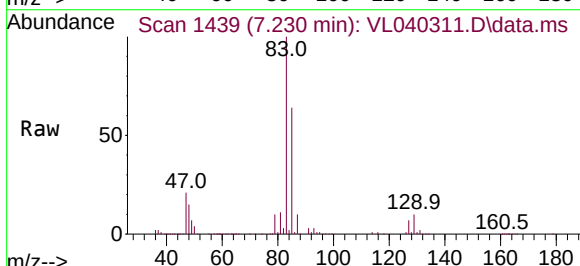
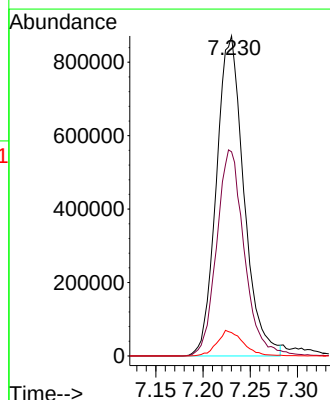
Delta R.T. -0.023 min

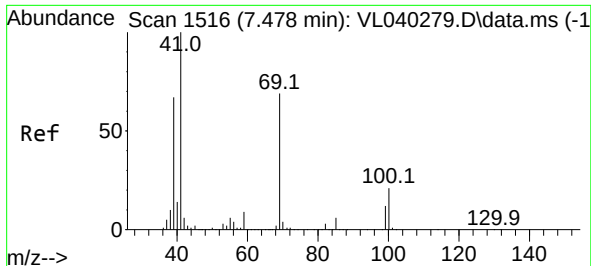
Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Tgt Ion: 83 Resp: 1763017

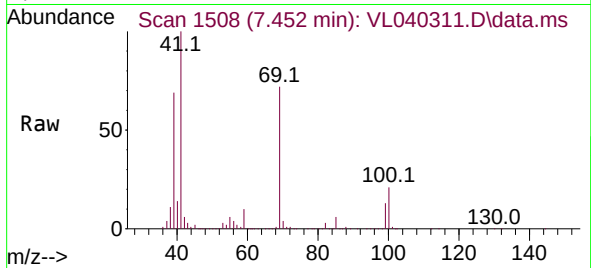
Ion	Ratio	Lower	Upper
83	100		
85	63.8	52.1	78.1
127	7.3	5.8	8.6





#43
Methyl Methacrylate
Concen: 10.670 ppbv
RT: 7.452 min Scan# 1462
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

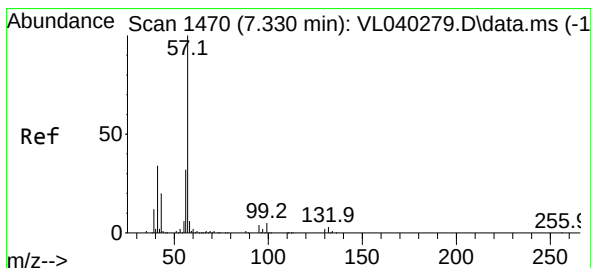
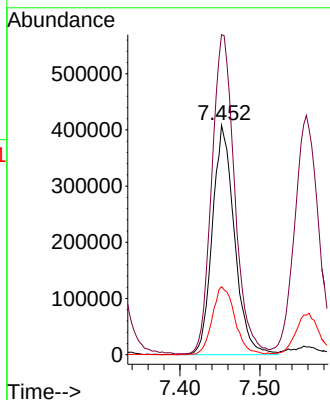
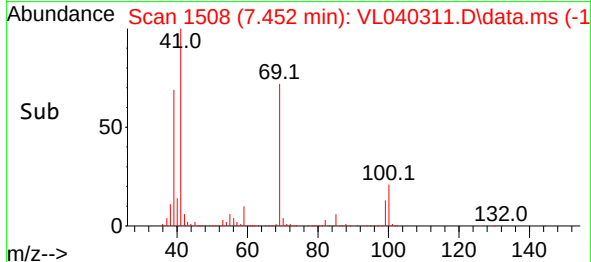
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



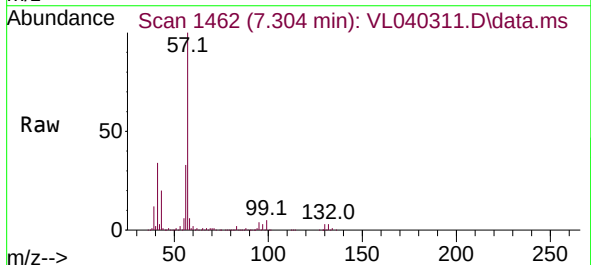
Tgt Ion: 69 Resp: 780240
Ion Ratio Lower Upper
69 100
41 144.3 116.9 175.3
100 30.5 24.2 36.4

Manual Integrations
APPROVED

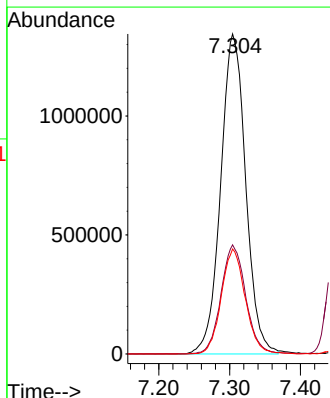
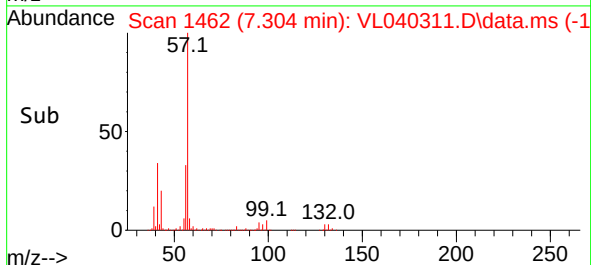
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

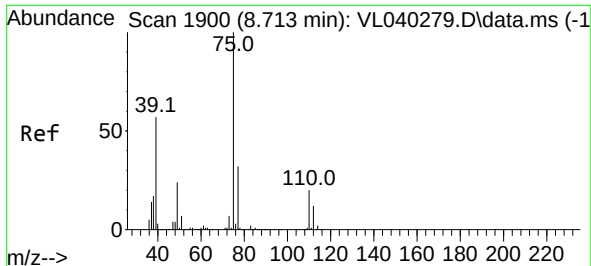


#44
2,2,4-Trimethylpentane
Concen: 10.062 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



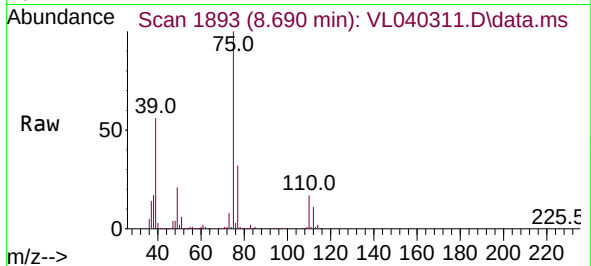
Tgt Ion: 57 Resp: 3301064
Ion Ratio Lower Upper
57 100
41 33.6 26.8 40.2
56 31.5 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 11.613 ppbv
RT: 8.690 min Scan# 1716
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

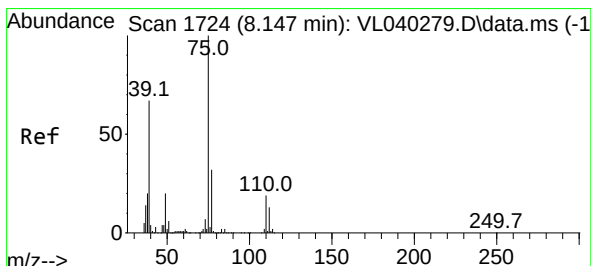
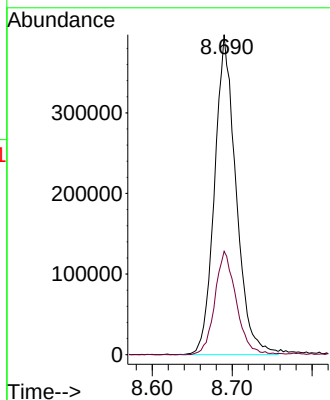
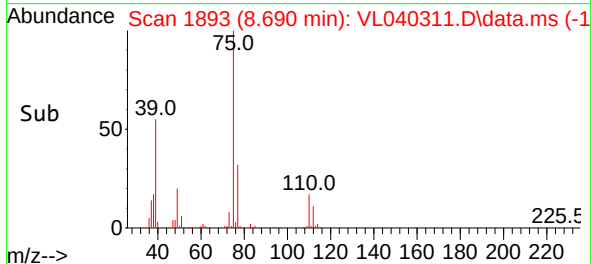
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



Tgt Ion: 75 Resp: 740299
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0

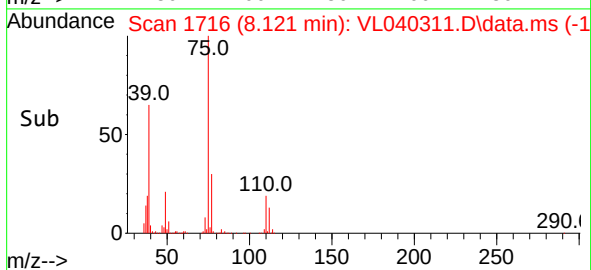
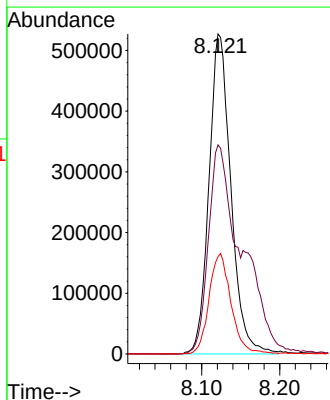
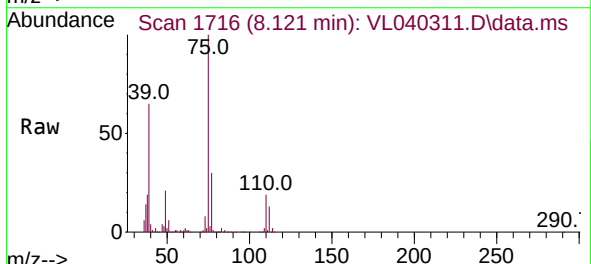
Manual Integrations
APPROVED

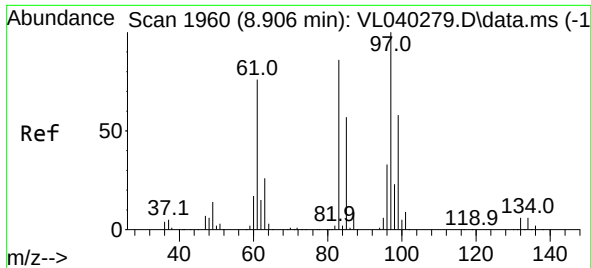
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#46
cis-1,3-Dichloropropene
Concen: 11.377 ppbv
RT: 8.121 min Scan# 1716
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Tgt Ion: 75 Resp: 1029874
Ion Ratio Lower Upper
75 100
39 65.4 53.9 80.9
77 30.5 25.3 37.9





#47
1,1,2-Trichloroethane
Concen: 9.735 ppbv
RT: 8.880 min Scan# 1960
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

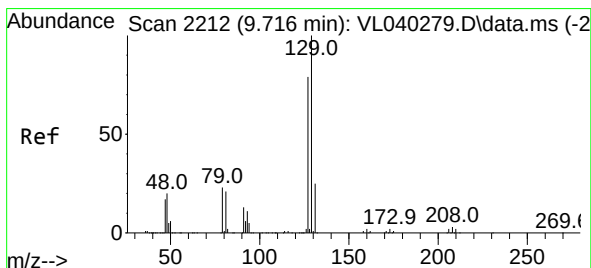
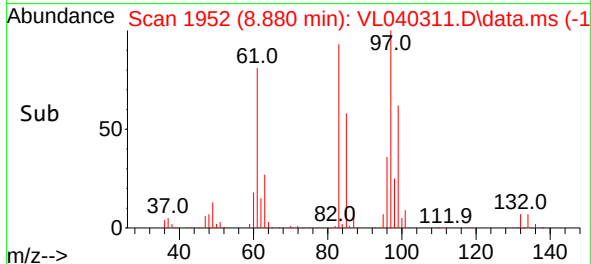
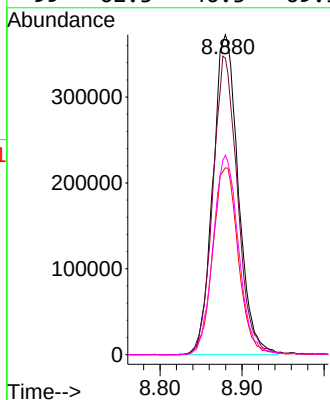
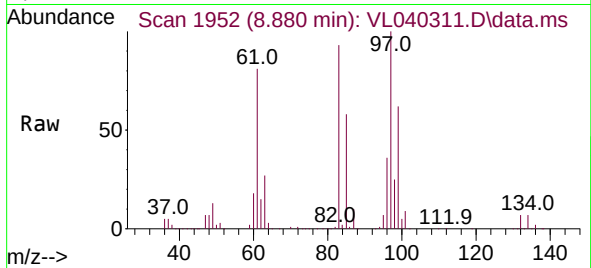
VL0405ABS01

Tgt Ion: 97 Resp: 80191
Ion Ratio Lower Upper
97 100
83 92.6 68.6 103.0
85 58.4 46.0 69.0
99 62.3 46.3 69.5

Manual Integrations

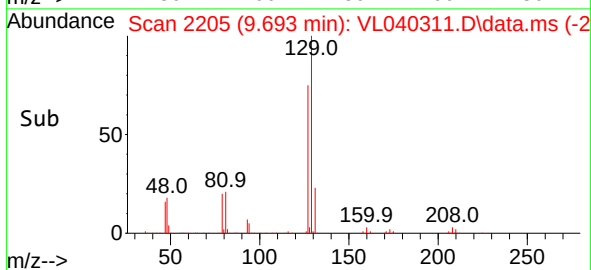
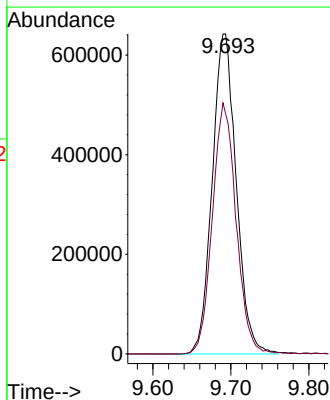
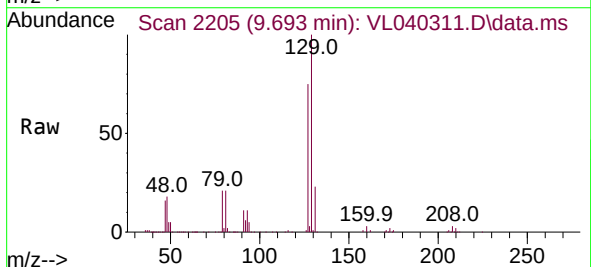
APPROVED

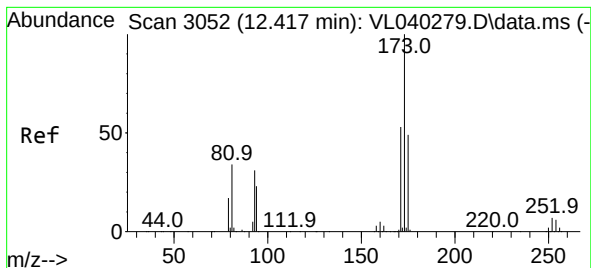
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#48
Dibromochloromethane
Concen: 10.155 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Tgt Ion:129 Resp: 1376518
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.5





#49

Bromoform

Concen: 10.180 ppbv

RT: 12.391 min Scan# 3052

Delta R.T. -0.026 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

Tgt Ion:173 Resp: 1036450

Ion Ratio Lower Upper

173 100

175 49.7 39.8 59.8

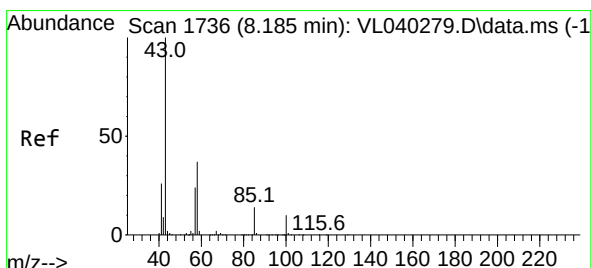
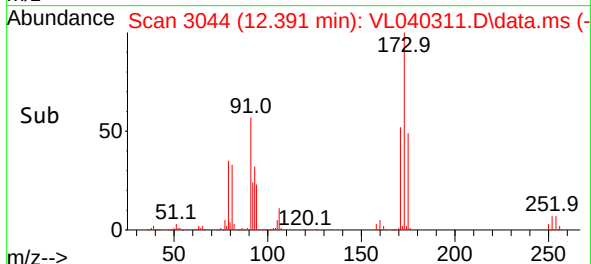
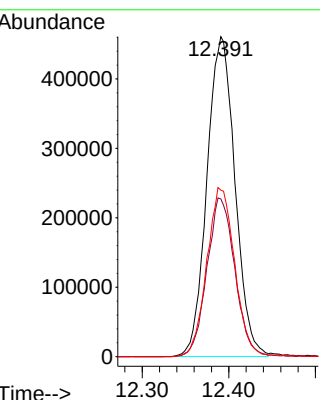
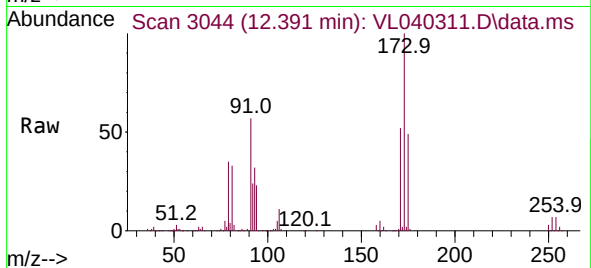
171 52.9 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#50

4-Methyl-2-Pentanone

Concen: 10.202 ppbv

RT: 8.159 min Scan# 1728

Delta R.T. -0.026 min

Lab File: VL040311.D

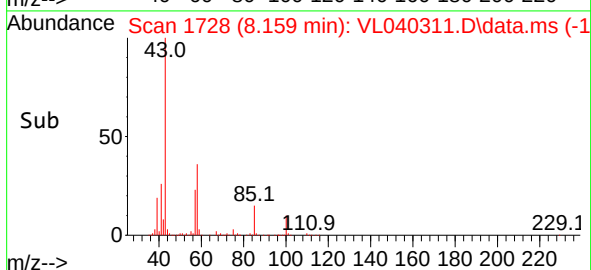
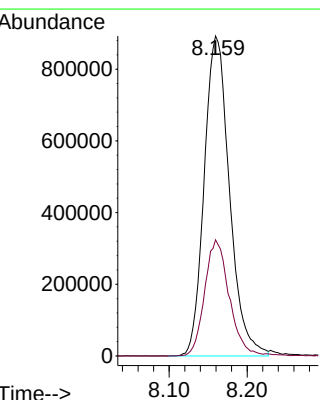
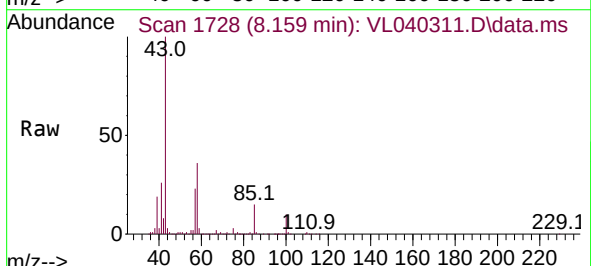
Acq: 5 Apr 2023 10:58

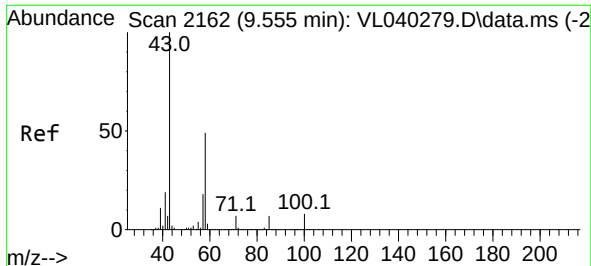
Tgt Ion: 43 Resp: 2011810

Ion Ratio Lower Upper

43 100

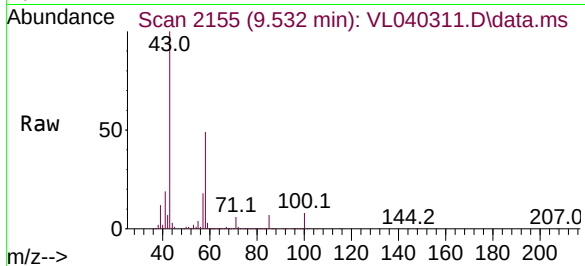
58 35.6 29.2 43.8





#51
2-Hexanone
Concen: 9.977 ppbv
RT: 9.532 min Scan# 2162
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

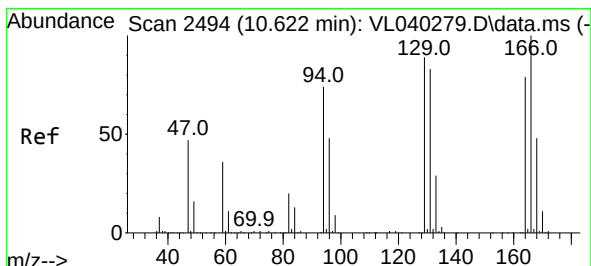
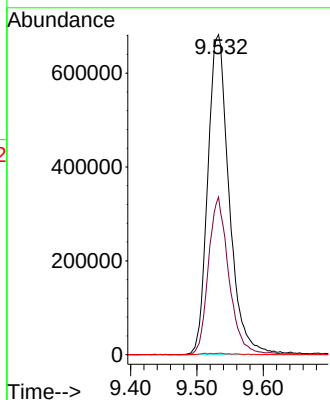
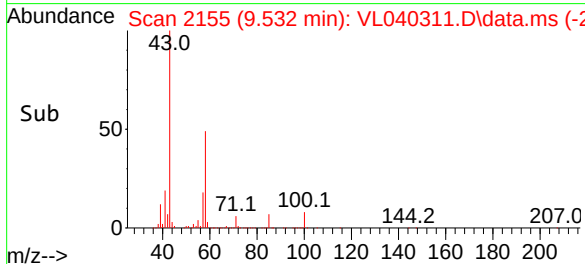
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



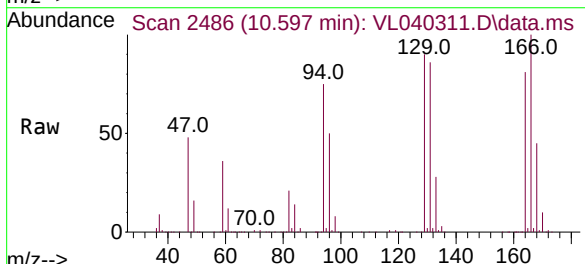
Tgt Ion: 43 Resp: 152417
Ion Ratio Lower Upper
43 100
58 47.6 38.0 57.0
98 0.7 0.5 0.7

Manual Integrations
APPROVED

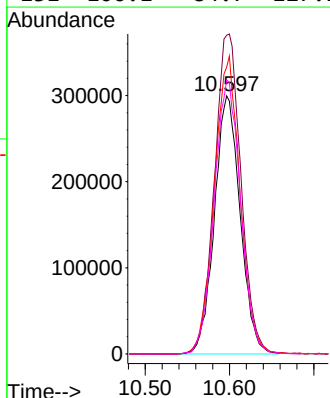
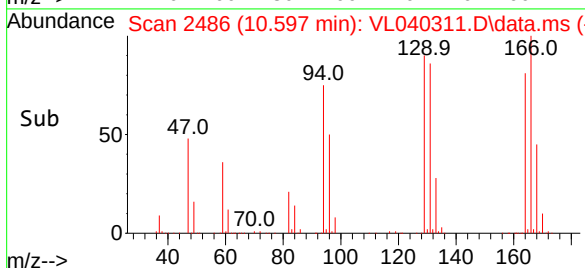
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

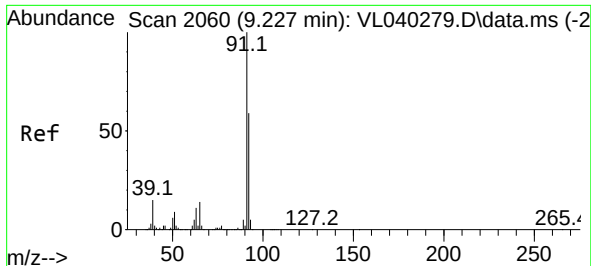


#52
Tetrachloroethene
Concen: 10.662 ppbv
RT: 10.597 min Scan# 2486
Delta R.T. -0.025 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



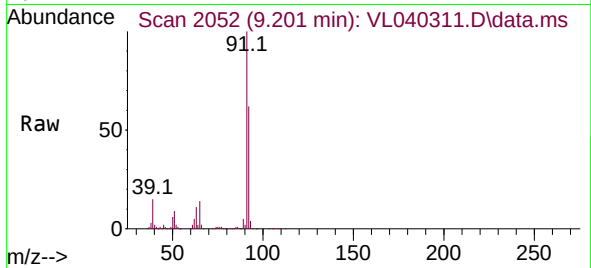
Tgt Ion:164 Resp: 634720
Ion Ratio Lower Upper
164 100
166 123.4 101.8 152.6
129 111.0 90.2 135.2
131 106.1 84.7 127.1





#53
Toluene
Concen: 10.597 ppbv
RT: 9.201 min Scan# 2060
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

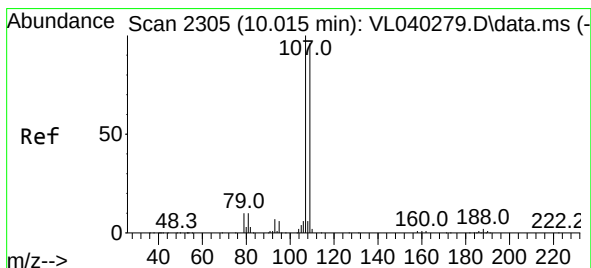
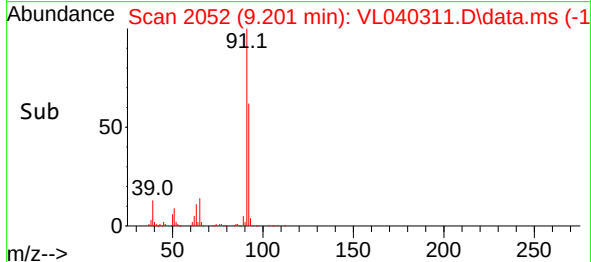
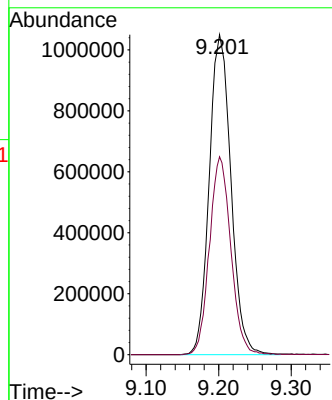
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



Tgt Ion: 91 Resp: 218515
Ion Ratio Lower Upper
91 100
92 61.0 48.0 72.0

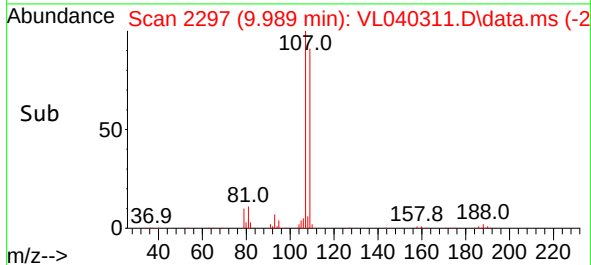
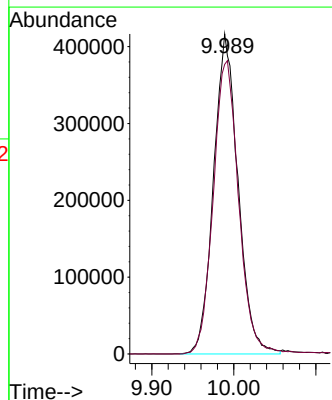
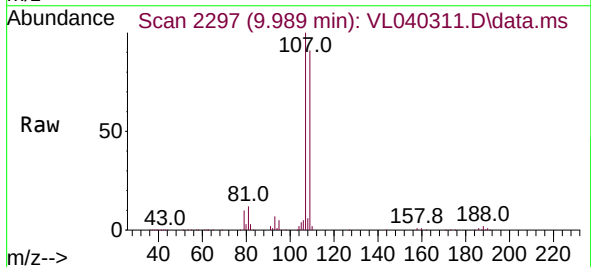
Manual Integrations
APPROVED

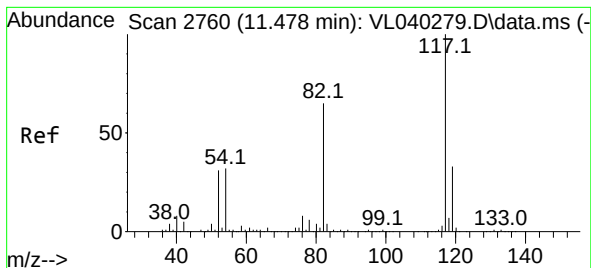
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#54
1,2-Dibromoethane
Concen: 10.187 ppbv
RT: 9.989 min Scan# 2297
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

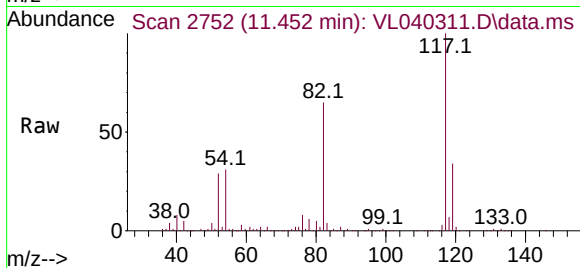
Tgt Ion:107 Resp: 863772
Ion Ratio Lower Upper
107 100
109 90.5 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

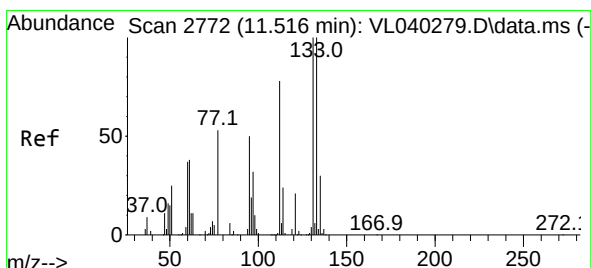
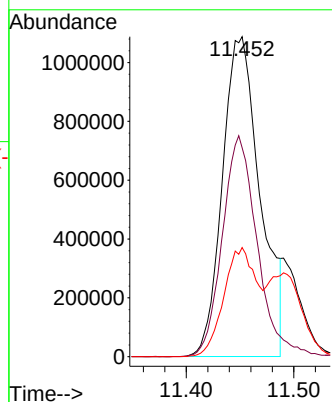
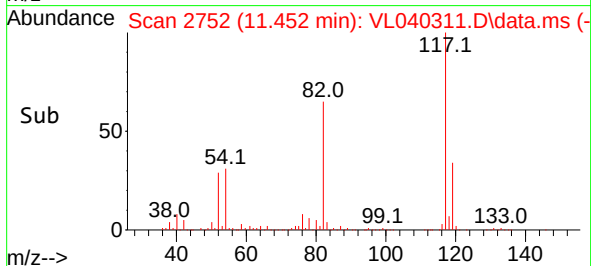
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



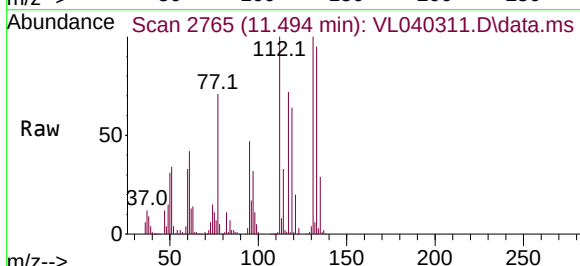
Tgt Ion:117 Resp: 265246
Ion Ratio Lower Upper
117 100
82 64.4 51.4 77.2
119 29.8 24.0 36.0

Manual Integrations
APPROVED

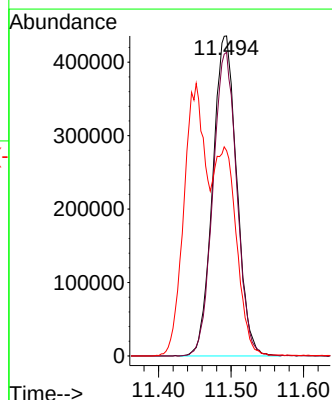
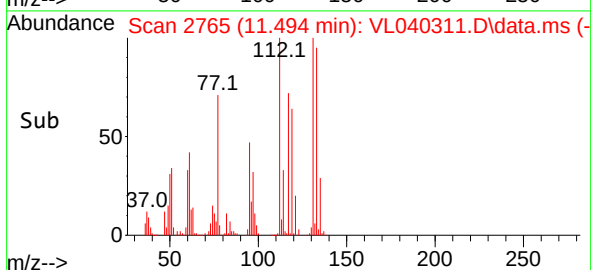
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

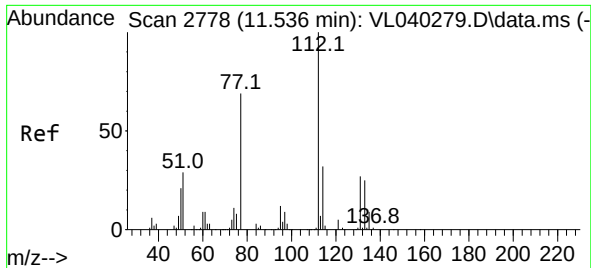


#56
1,1,1,2-Tetrachloroethane
Concen: 8.992 ppbv
RT: 11.494 min Scan# 2765
Delta R.T. -0.022 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



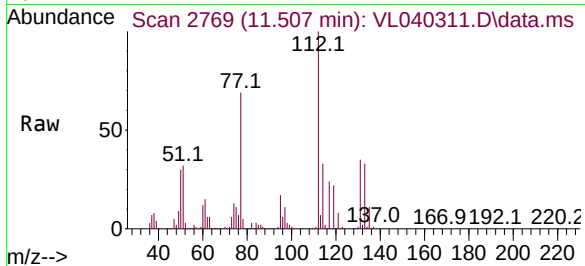
Tgt Ion:131 Resp: 1003345
Ion Ratio Lower Upper
131 100
133 94.5 76.5 114.7
119 57.9 47.9 71.9





#57
Chlorobenzene
Concen: 8.716 ppbv
RT: 11.507 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

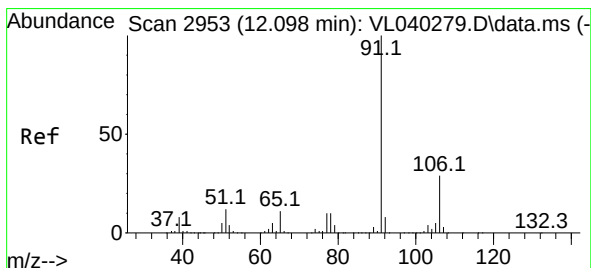
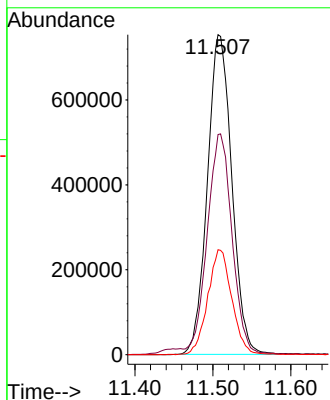
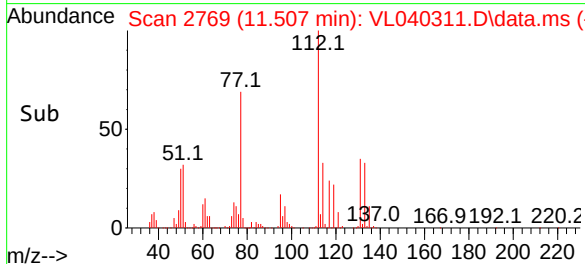
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



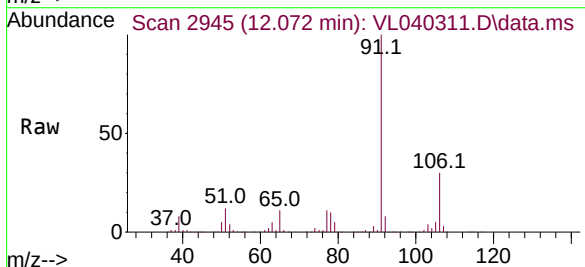
Tgt Ion:112 Resp: 164457
Ion Ratio Lower Upper
112 100
77 68.6 56.2 84.2
114 32.7 29.0 35.4

Manual Integrations
APPROVED

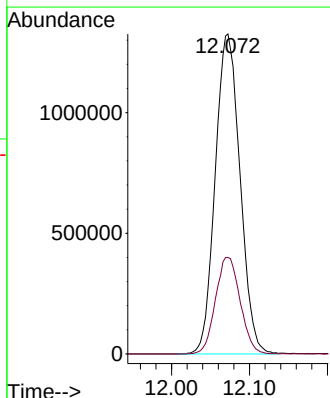
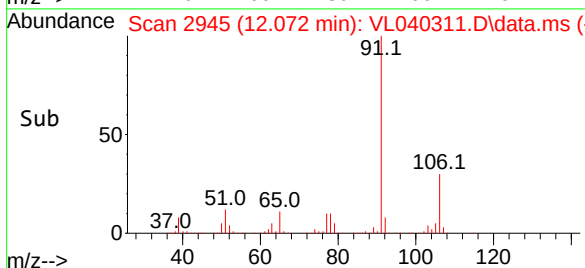
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

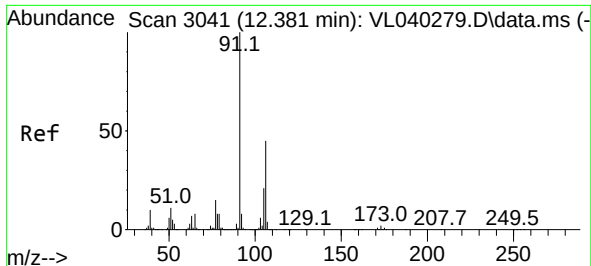


#58
Ethyl Benzene
Concen: 9.705 ppbv
RT: 12.072 min Scan# 2945
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



Tgt Ion: 91 Resp: 2931156
Ion Ratio Lower Upper
91 100
106 30.2 23.4 35.2





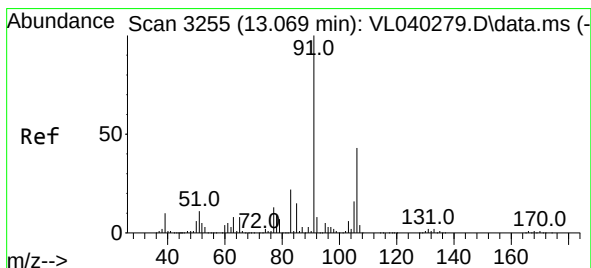
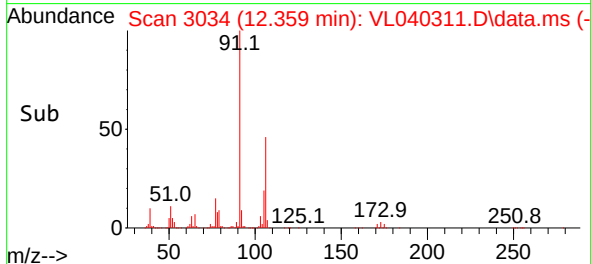
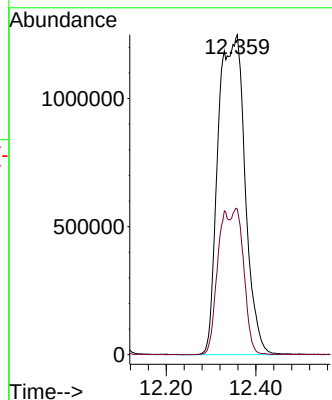
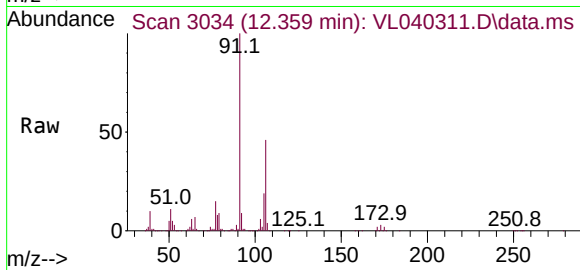
#59
m/p-Xylene
Concen: 18.697 ppbv m
RT: 12.359 min Scan# 3041
Delta R.T. -0.022 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01

Tgt Ion: 91 Resp: 5173189
Ion Ratio Lower Upper
91 100
106 43.0 34.0 51.0

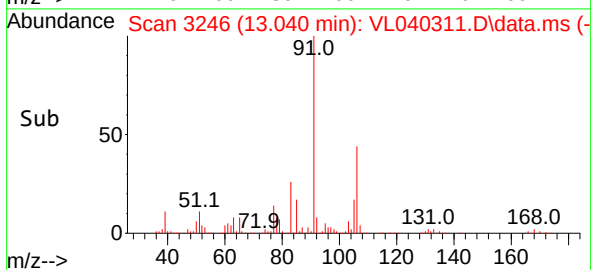
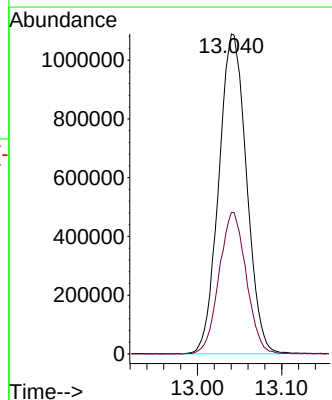
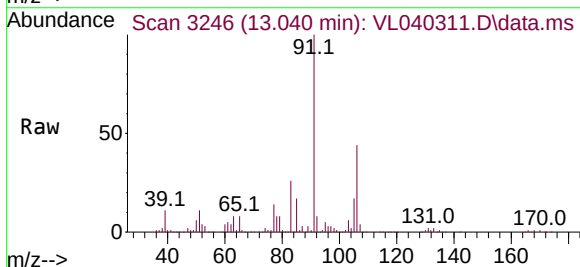
Manual Integrations
APPROVED

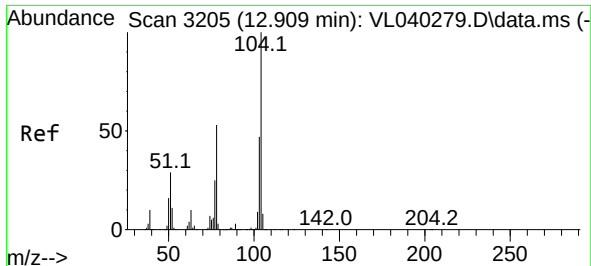
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#60
o-Xylene
Concen: 9.374 ppbv
RT: 13.040 min Scan# 3246
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

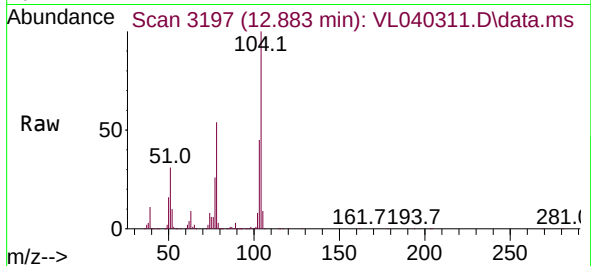
Tgt Ion: 91 Resp: 2479374
Ion Ratio Lower Upper
91 100
106 43.7 21.7 65.1





#61
Styrene
Concen: 10.226 ppbv
RT: 12.883 min Scan# 311
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

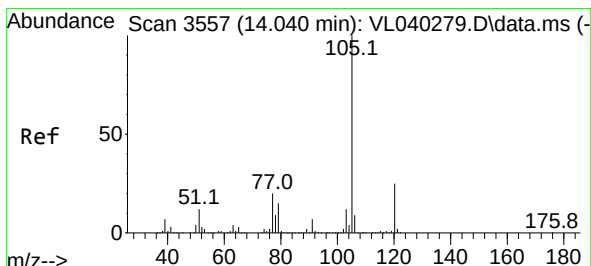
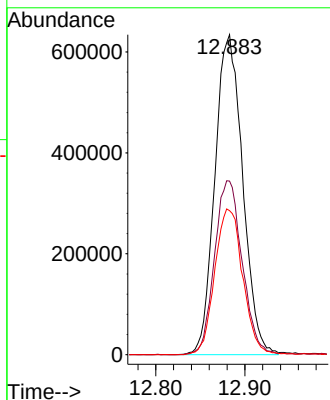
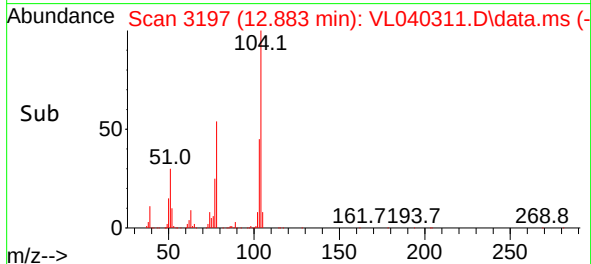
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



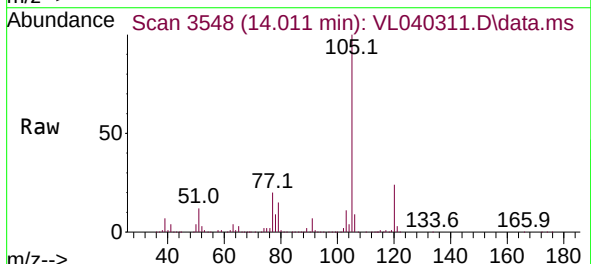
Tgt Ion:104 Resp: 1372470
Ion Ratio Lower Upper
104 100
78 54.4 43.7 65.5
103 46.1 37.4 56.2

Manual Integrations
APPROVED

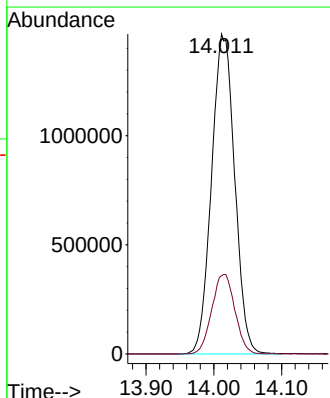
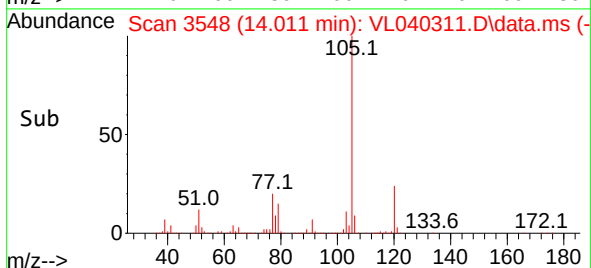
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

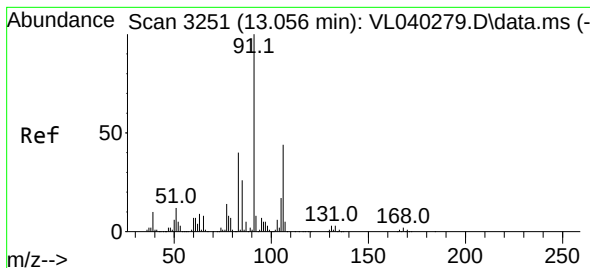


#62
Isopropylbenzene
Concen: 9.227 ppbv
RT: 14.011 min Scan# 3548
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



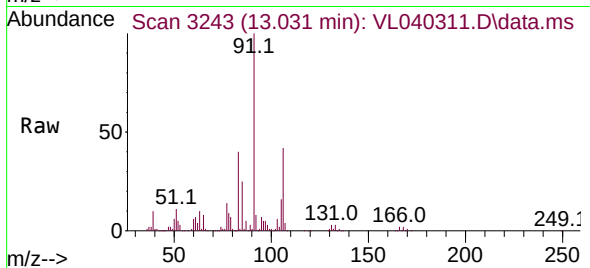
Tgt Ion:105 Resp: 3475336
Ion Ratio Lower Upper
105 100
120 24.8 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 8.380 ppbv
RT: 13.031 min Scan# 31
Delta R.T. -0.025 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

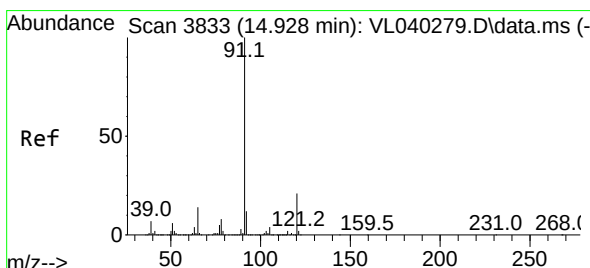
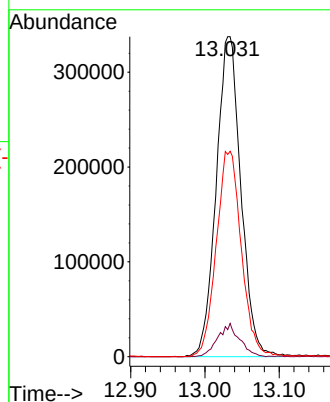
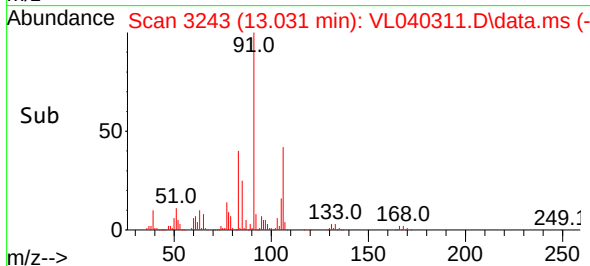
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



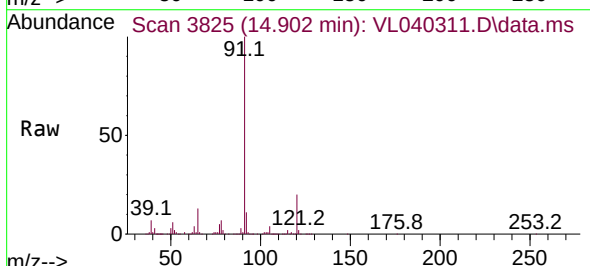
Tgt Ion: 83 Resp: 779890
Ion Ratio Lower Upper
83 100
131 9.2 4.3 12.9
85 65.2 32.7 98.1

Manual Integrations
APPROVED

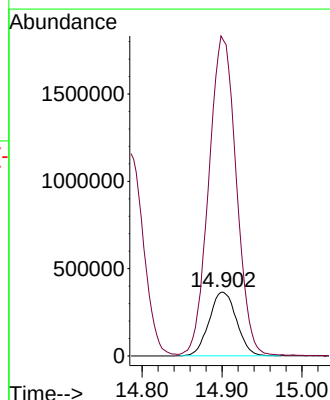
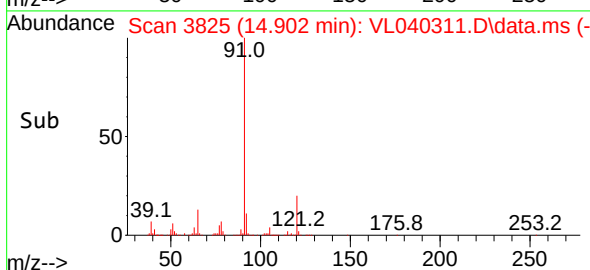
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

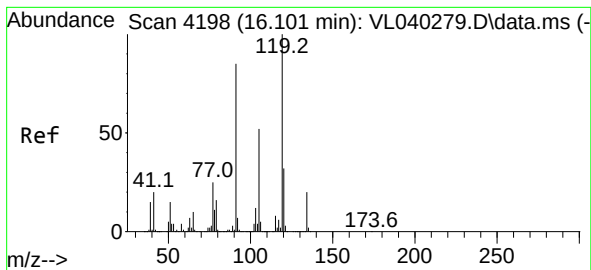


#64
n-propylbenzene
Concen: 9.391 ppbv
RT: 14.902 min Scan# 3825
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



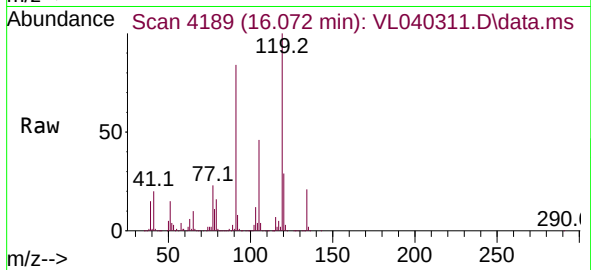
Tgt Ion:120 Resp: 865533
Ion Ratio Lower Upper
120 100
91 507.6 399.0 598.6





#65
tert-Butylbenzene
Concen: 9.513 ppbv
RT: 16.072 min Scan# 4198
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

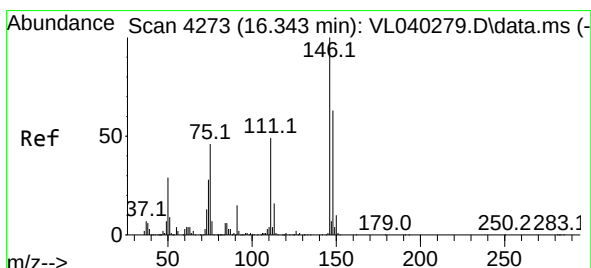
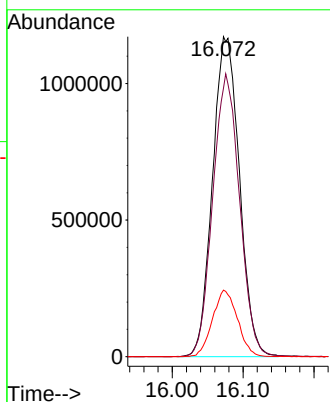
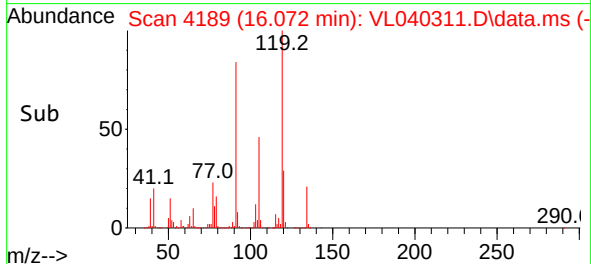
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



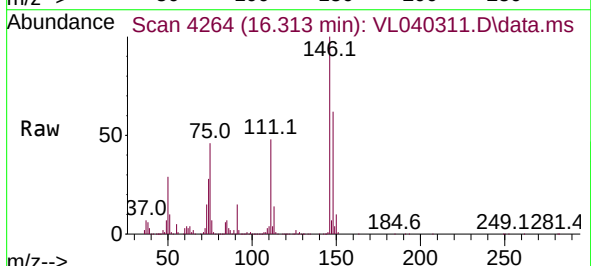
Tgt Ion:119 Resp: 3087870
Ion Ratio Lower Upper
119 100
91 88.1 69.4 104.2
134 19.3 15.8 23.6

Manual Integrations
APPROVED

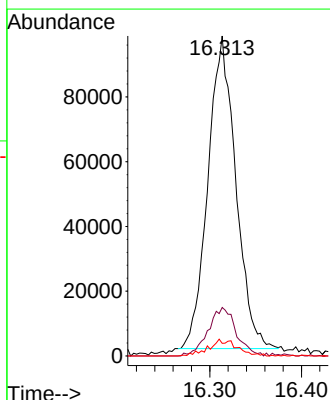
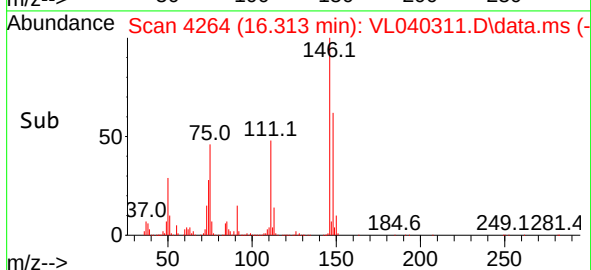
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

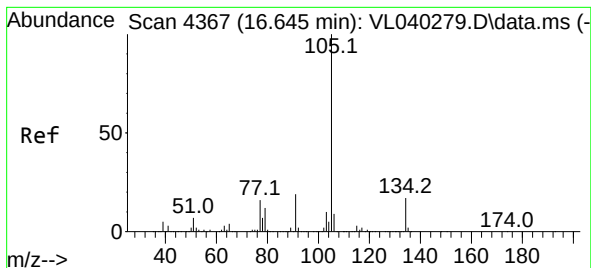


#66
Benzyl Chloride
Concen: 9.653 ppbv
RT: 16.313 min Scan# 4264
Delta R.T. -0.030 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



Tgt Ion: 91 Resp: 203615
Ion Ratio Lower Upper
91 100
126 16.0 12.1 18.1
128 5.4 3.8 5.6





#67

sec-Butylbenzene

Concen: 9.658 ppbv

RT: 16.622 min Scan# 41

Delta R.T. -0.023 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01

Tgt Ion:105 Resp: 4483204

Ion Ratio Lower Upper

105 100

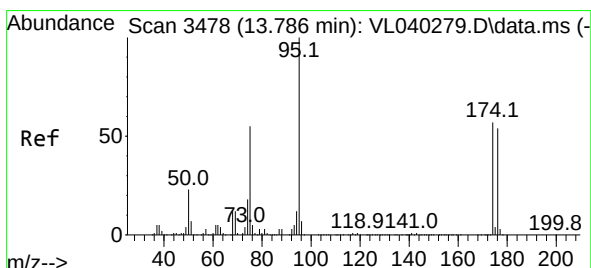
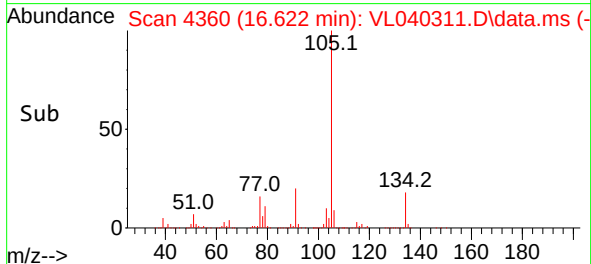
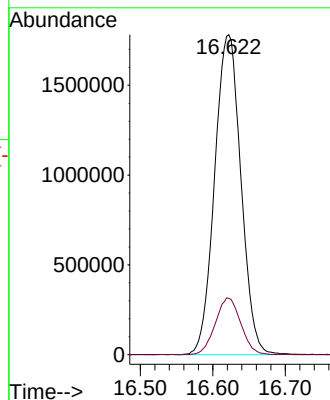
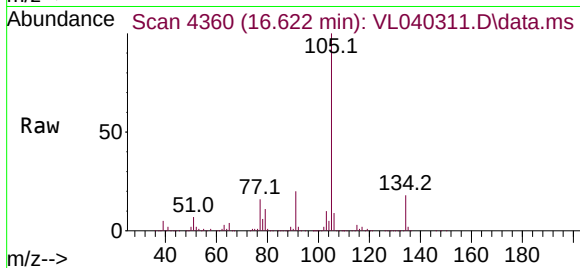
134 17.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.821 ppbv

RT: 13.760 min Scan# 3470

Delta R.T. -0.026 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

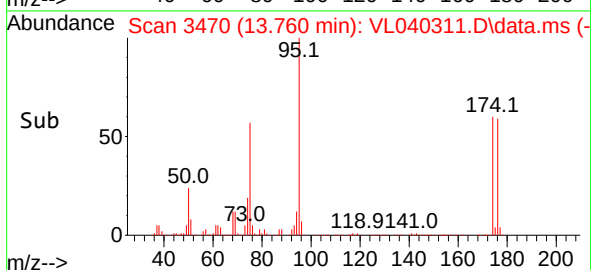
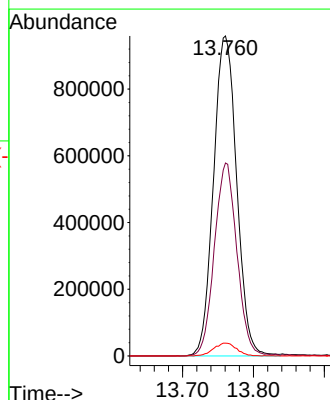
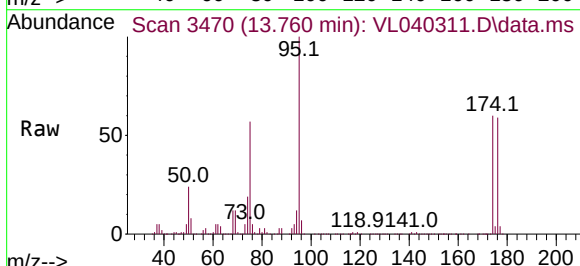
Tgt Ion: 95 Resp: 2181375

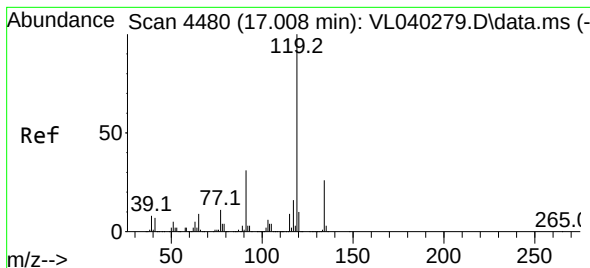
Ion Ratio Lower Upper

95 100

174 59.1 47.0 70.6

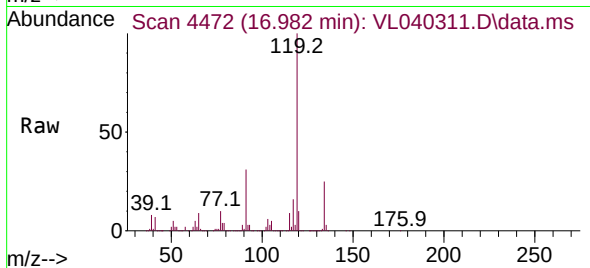
175 4.0 3.4 5.2





#69
p-Isopropyltoluene
Concen: 10.118 ppbv
RT: 16.982 min Scan# 4480
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

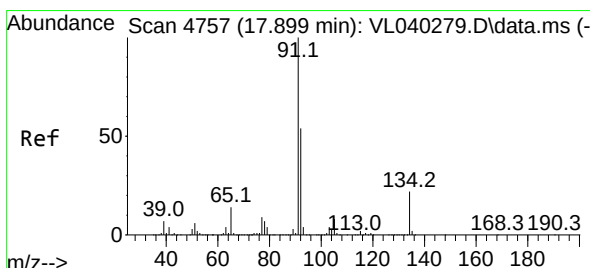
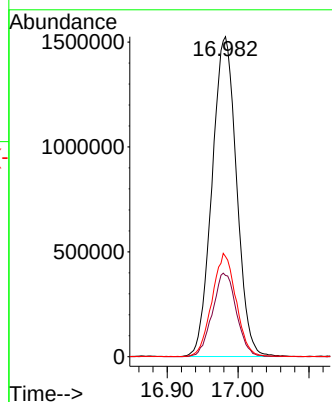
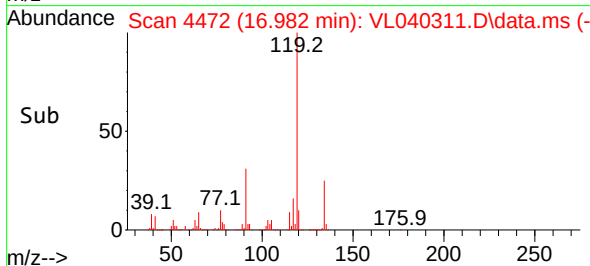
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



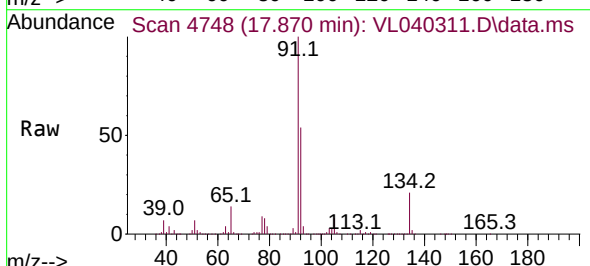
Tgt Ion:119 Resp: 365780
Ion Ratio Lower Upper
119 100
134 25.6 20.2 30.2
91 31.7 25.1 37.7

Manual Integrations
APPROVED

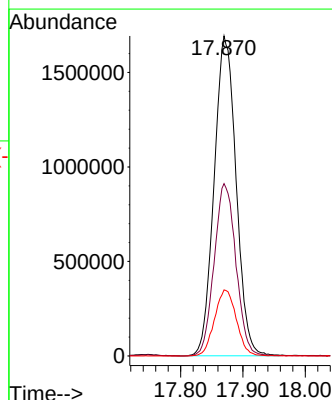
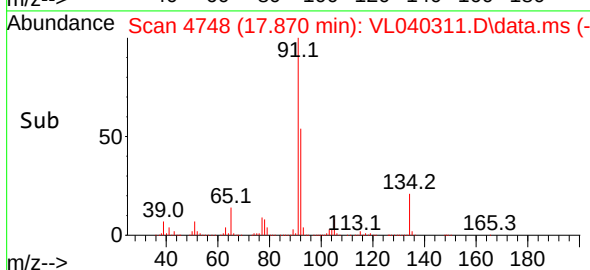
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

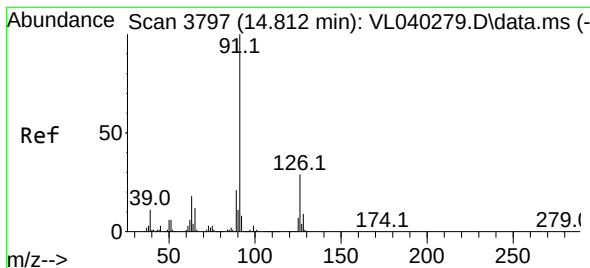


#70
n-Butylbenzene
Concen: 10.395 ppbv
RT: 17.870 min Scan# 4748
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



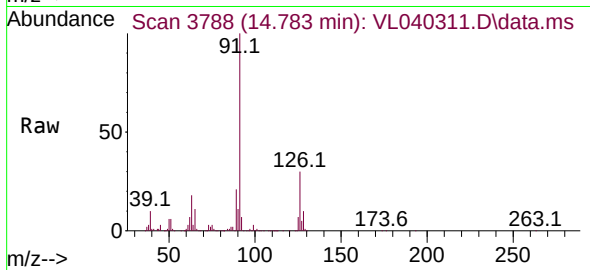
Tgt Ion: 91 Resp: 4139904
Ion Ratio Lower Upper
91 100
92 53.5 42.9 64.3
134 20.6 16.8 25.2





#71
2-Chlorotoluene
Concen: 9.405 ppbv
RT: 14.783 min Scan# 3111
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

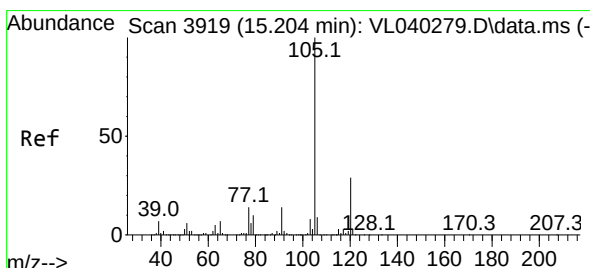
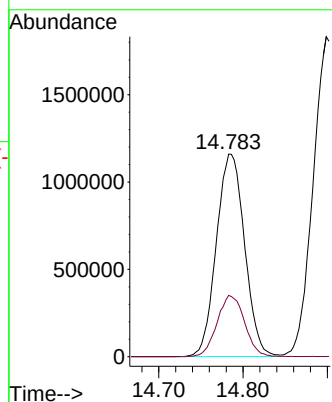
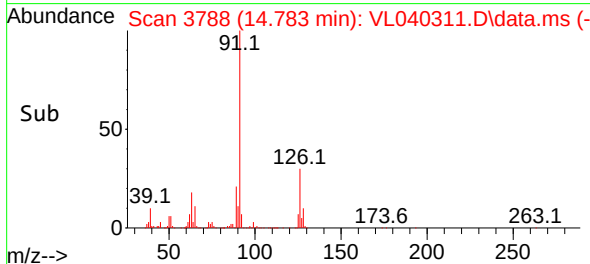
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



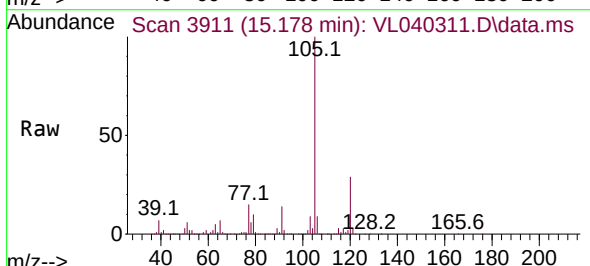
Tgt Ion: 91 Resp: 2696211
Ion Ratio Lower Upper
91 100
126 29.6 11.8 47.4

Manual Integrations
APPROVED

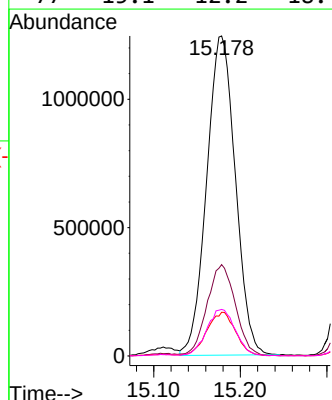
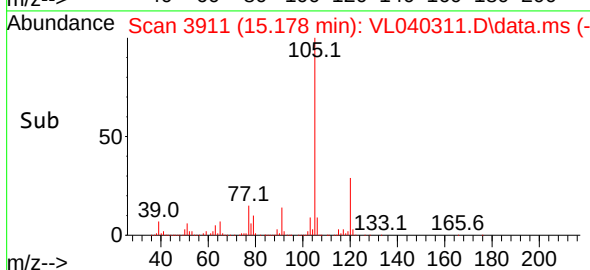
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

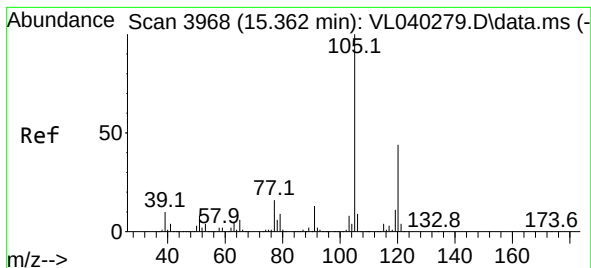


#72
4-Ethyltoluene
Concen: 9.893 ppbv
RT: 15.178 min Scan# 3911
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



Tgt Ion:105 Resp: 2860743
Ion Ratio Lower Upper
105 100
120 29.3 23.7 35.5
91 14.5 11.6 17.4
77 15.1 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 9.804 ppbv

RT: 15.336 min Scan# 3960

Delta R.T. -0.026 min

Lab File: VL040311.D

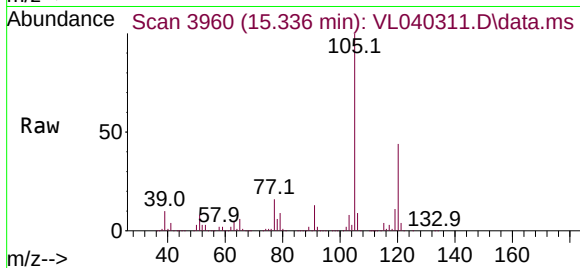
Acq: 5 Apr 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL0405ABS01



Tgt Ion:105 Resp: 256811

Ion Ratio Lower Upper

105 100

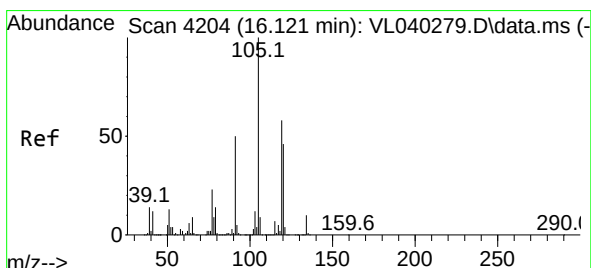
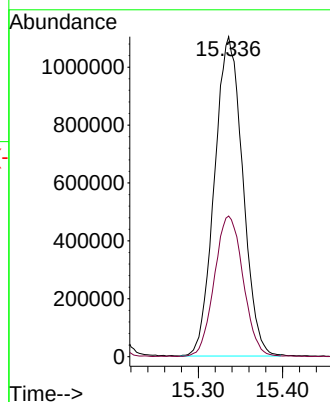
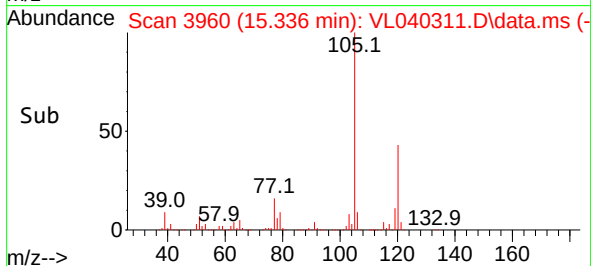
120 43.9 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023

Supervised By :Mahesh Dadoda 04/06/2023



#74

1,2,4-Trimethylbenzene

Concen: 9.663 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. -0.029 min

Lab File: VL040311.D

Acq: 5 Apr 2023 10:58

Tgt Ion:105 Resp: 2886589

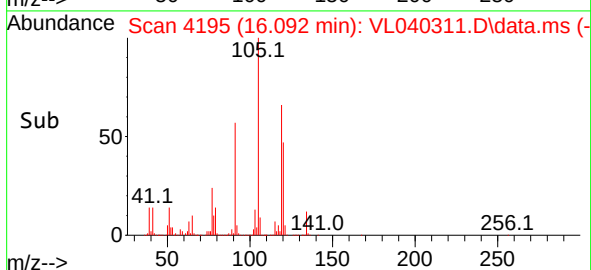
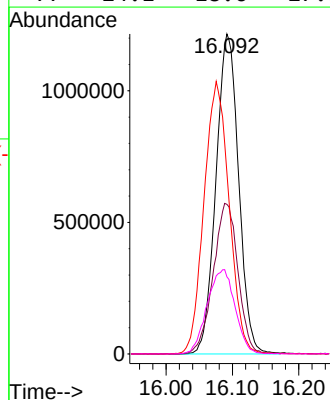
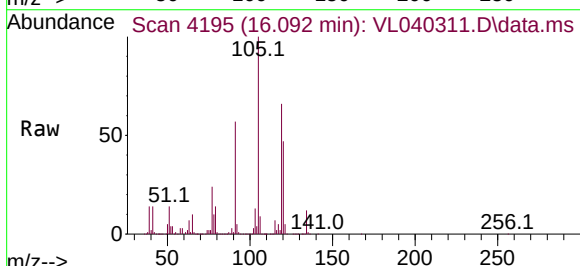
Ion Ratio Lower Upper

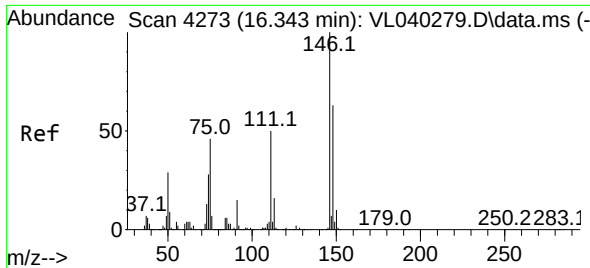
105 100

120 46.7 36.6 54.8

91 56.5 39.9 59.9

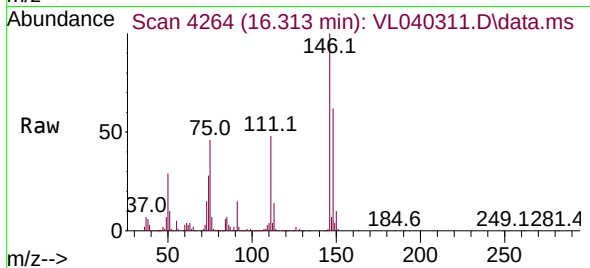
77 24.1 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 9.709 ppbv
RT: 16.313 min Scan# 41
Delta R.T. -0.030 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

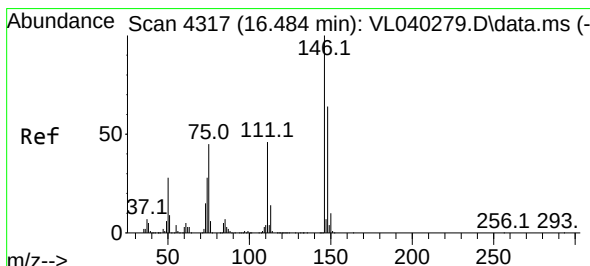
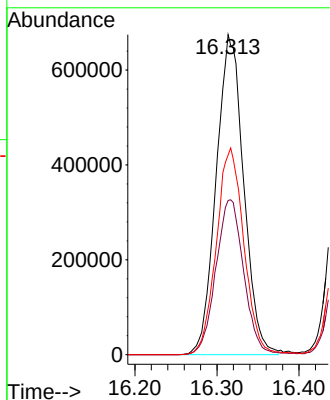
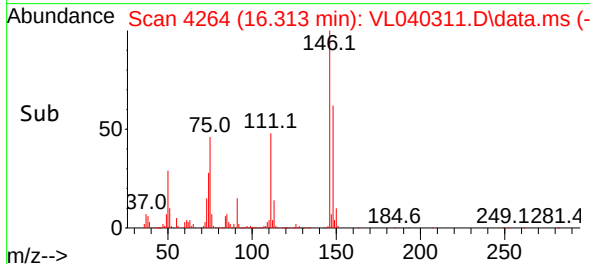
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



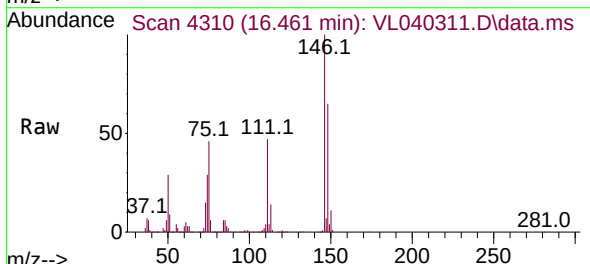
Tgt Ion:146 Resp: 1570749
Ion Ratio Lower Upper
146 100
111 49.3 24.3 73.0
148 64.9 31.9 95.5

Manual Integrations
APPROVED

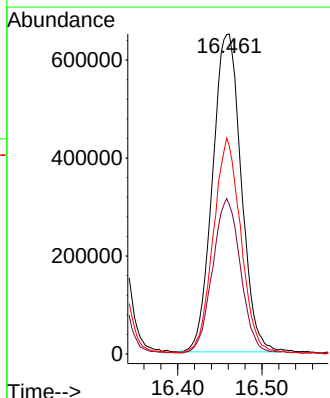
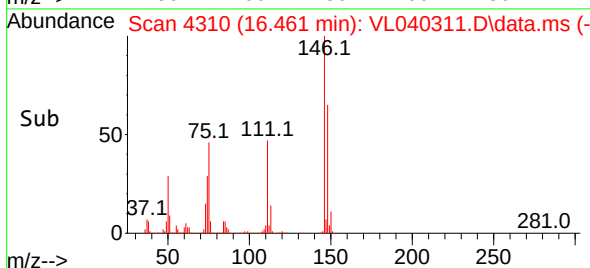
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

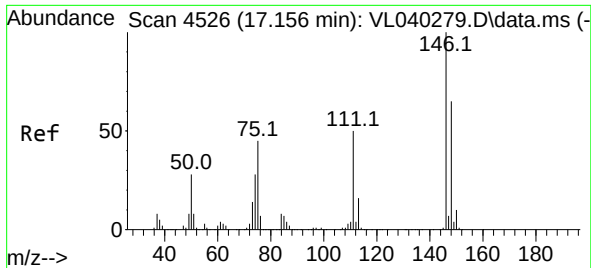


#76
1,4-Dichlorobenzene
Concen: 9.917 ppbv
RT: 16.461 min Scan# 4310
Delta R.T. -0.023 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



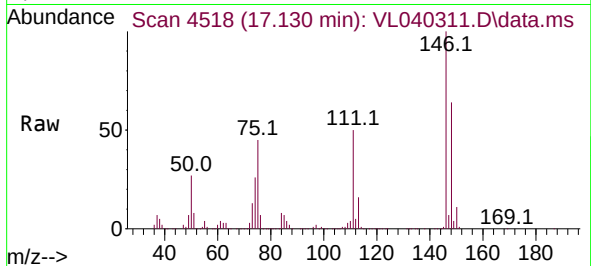
Tgt Ion:146 Resp: 1530259
Ion Ratio Lower Upper
146 100
111 48.3 23.8 71.2
148 66.0 32.5 97.5





#77
1,2-Dichlorobenzene
Concen: 10.142 ppbv
RT: 17.130 min Scan# 4518
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

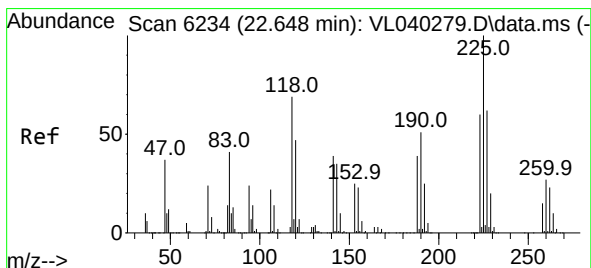
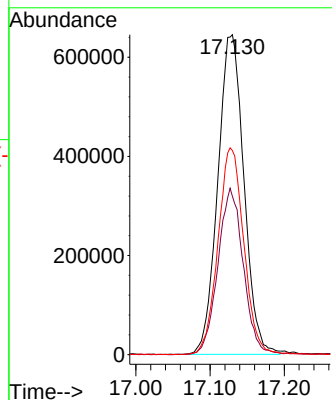
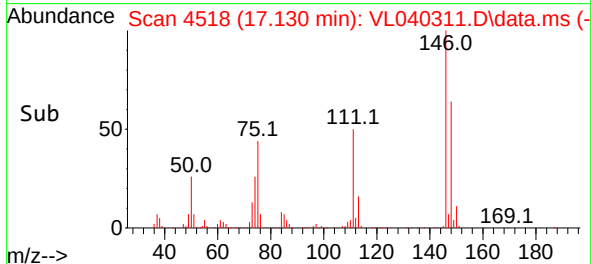
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



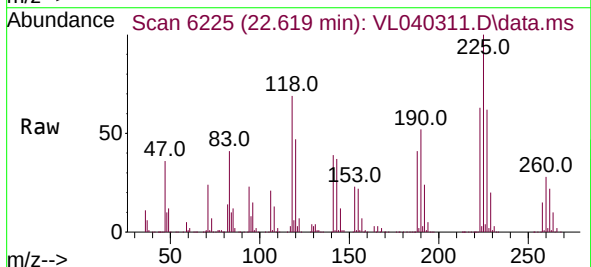
Tgt Ion:146 Resp: 1577192
Ion Ratio Lower Upper
146 100
111 50.8 25.2 75.6
148 64.1 32.1 96.3

Manual Integrations
APPROVED

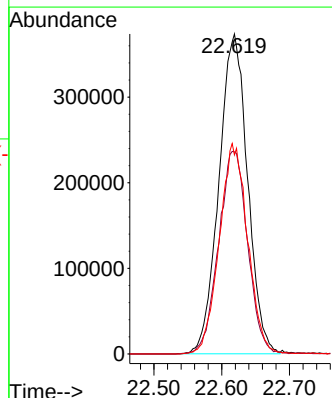
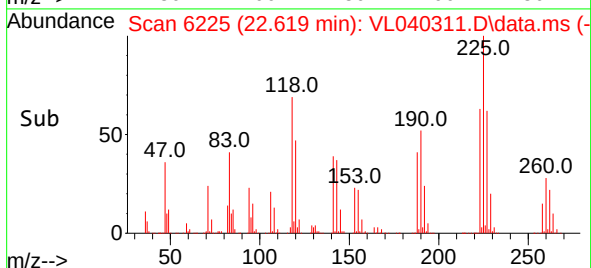
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

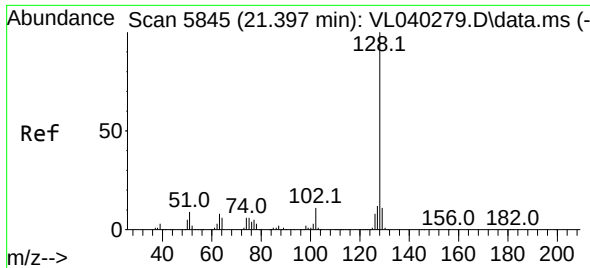


#78
Hexachloro-1,3-Butadiene
Concen: 9.624 ppbv
RT: 22.619 min Scan# 6225
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58



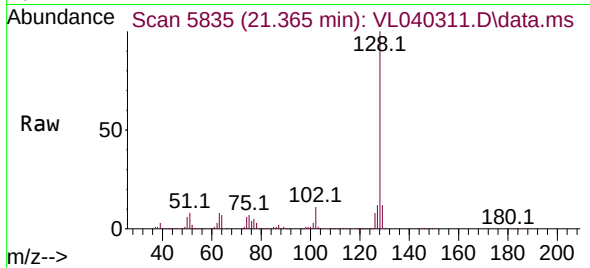
Tgt Ion:225 Resp: 1097559
Ion Ratio Lower Upper
225 100
223 64.5 51.0 76.6
227 65.3 51.4 77.2





#79
Naphthalene
Concen: 12.831 ppbv
RT: 21.365 min Scan# 5835
Delta R.T. -0.032 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

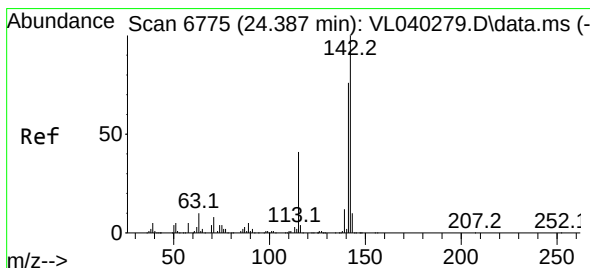
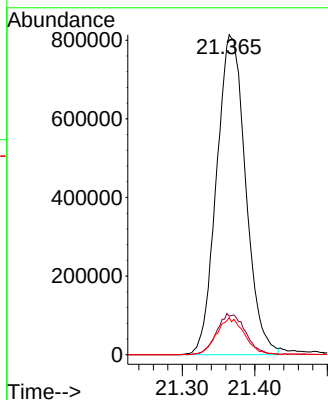
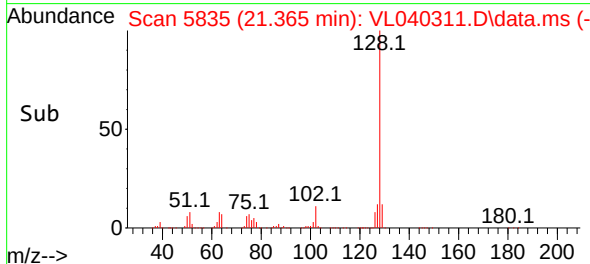
Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



Tgt Ion:128 Resp: 2267394
Ion Ratio Lower Upper
128 100
127 12.0 9.6 14.4
129 11.6 8.6 13.0

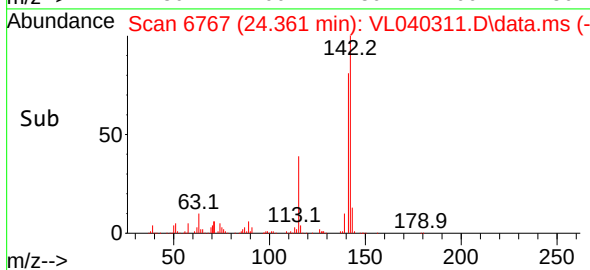
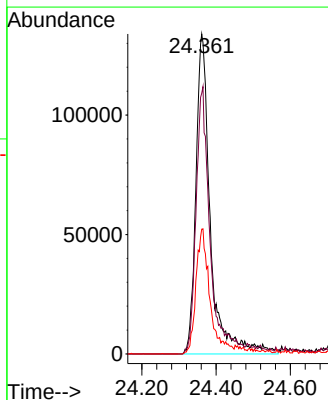
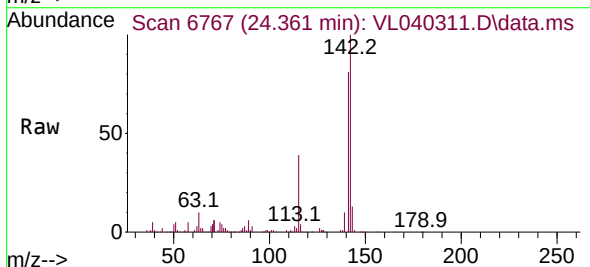
Manual Integrations
APPROVED

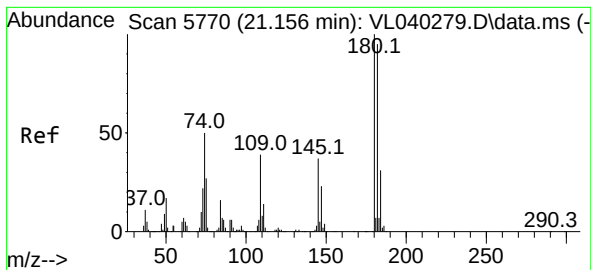
Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023



#80
Naphthalene,2-methyl-
Concen: 8.128 ppbv
RT: 24.361 min Scan# 6767
Delta R.T. -0.026 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

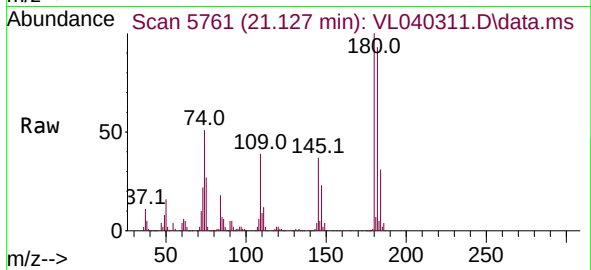
Tgt Ion:142 Resp: 363758
Ion Ratio Lower Upper
142 100
141 83.4 65.5 98.3
115 40.4 33.5 50.3





#81
1,2,4-Trichlorobenzene
Concen: 11.040 ppbv
RT: 21.127 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL040311.D
Acq: 5 Apr 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL0405ABS01



Tgt Ion:180 Resp: 120163
Ion Ratio Lower Upper
180 100
182 96.2 76.1 114.1
184 30.9 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/06/2023
Supervised By :Mahesh Dadoda 04/06/2023

