

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040130.D
 Acq On : 30 Jan 2023 13:24
 Operator : SY/MD
 Sample : VL0130ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0130ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 05:11:44 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	920219	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2503524	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2444616	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1896866 9.336 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	1662815	10.305	ppbv	100
3) Chlorodifluoromethane	2.658	51	1079890	9.784	ppbv	96
4) Chloromethane	2.796	50	708723	10.389	ppbv	99
5) Vinyl Chloride	2.902	62	591941	10.235	ppbv	98
6) Bromomethane	3.102	94	200973	9.523	ppbv	99
7) Chloroethane	3.182	64	214888	9.721	ppbv	97
8) Dichlorotetrafluoroethane	2.838	85	1456715	9.671	ppbv	99
9) Propene	2.677	41	476279	10.386	ppbv	99
10) Heptane	7.571	43	1172620	11.095	ppbv	98
11) Trichlorofluoromethane	3.546	101	1451754	9.016	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.050	101	1099823	9.085	ppbv	96
13) Ethanol	3.227	45	32484m	7.696	ppbv	
14) Bromoethene	3.349	108	433242	9.641	ppbv	95
15) Acetone	3.452	43	1035826	9.386	ppbv	98
16) 1,3-Butadiene	2.967	39	529602	10.293	ppbv	99
17) tert-Butyl alcohol	3.861	59	1077286	10.482	ppbv	100
18) 1,1-Dichloroethene	3.864	96	489883	9.314	ppbv	95
19) Isopropyl Alcohol	3.558	45	534424	9.897	ppbv #	96
20) Methylene Chloride	3.915	84	405956	8.338	ppbv	95
21) Allyl Chloride	3.983	41	742075	10.472	ppbv	97
22) trans-1,2-Dichloroethene	4.430	96	534075	9.938	ppbv	94
23) Vinyl Acetate	4.610	43	385288	10.770	ppbv #	98
24) 1,1-Dichloroethane	4.549	63	1059182	9.777	ppbv	100
25) Ethyl Acetate	5.189	43	2147274	11.044	ppbv	100
26) Hexane	5.198	57	918306	10.792	ppbv	98
27) Carbon Disulfide	4.108	76	1286029	11.667	ppbv	99
28) Methyl tert-Butyl Ether	4.571	73	1003781	10.486	ppbv	100
29) Chloroform	5.263	83	1502634	11.045	ppbv	98
30) Cyclohexane	6.587	84	803623	11.881	ppbv	93
31) cis-1,2-Dichloroethene	5.066	61	824564	10.010	ppbv	98
32) 1,1,1-Trichloroethane	5.992	97	1504850	10.883	ppbv	99
34) 2-Butanone	4.771	43	1189958	10.049	ppbv	99
35) Carbon Tetrachloride	6.481	117	1603497	11.328	ppbv	98
36) Benzene	6.359	78	2013480	10.868	ppbv	97
37) 1,2-Dichloroethane	5.793	62	1154534	9.695	ppbv	98
38) Trichloroethene	7.282	130	1169479	11.122	ppbv	97
39) 1,2-Dichloropropane	7.063	63	764920	10.555	ppbv	93
40) 1,4-Dioxane	7.275	88	305893	10.636	ppbv	98
41) Tetrahydrofuran	5.542	42	762560	11.157	ppbv	97
42) Bromodichloromethane	7.240	83	1735303	10.792	ppbv	98
43) Methyl Methacrylate	7.465	69	799584	11.761	ppbv	95
44) 2,2,4-Trimethylpentane	7.317	57	3235881	10.503	ppbv	98
45) t-1,3-Dichloropropene	8.703	75	797947	13.162	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040130.D
 Acq On : 30 Jan 2023 13:24
 Operator : SY/MD
 Sample : VL0130ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0130ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/31/2023
 Supervised By : Mahesh Dadoda 01/31/2023

Quant Time: Jan 31 05:11:44 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

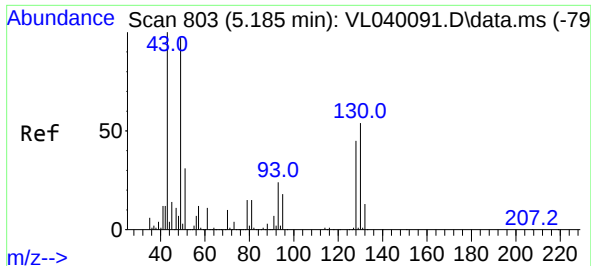
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jan 16 14:40:47 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1063037	12.832	ppbv	96
47) 1,1,2-Trichloroethane	8.889	97	830672	10.887	ppbv	100
48) Dibromochloromethane	9.703	129	1470113	11.989	ppbv	99
49) Bromoform	12.400	173	1183138	12.525	ppbv	99
50) 4-Methyl-2-Pentanone	8.172	43	1998945	10.732	ppbv	98
51) 2-Hexanone	9.542	43	1594156	11.297	ppbv #	96
52) Tetrachloroethene	10.610	164	689409	11.375	ppbv	99
53) Toluene	9.211	91	2295779	11.618	ppbv	99
54) 1,2-Dibromoethane	10.005	107	946837	11.854	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.503	131	1020571	10.726	ppbv	98
57) Chlorobenzene	11.520	112	1783785	10.705	ppbv	94
58) Ethyl Benzene	12.082	91	3109801	11.399	ppbv	96
59) m/p-Xylene	12.365	91	5251772m	21.410	ppbv	
60) o-Xylene	13.056	91	2498769	10.732	ppbv	98
61) Styrene	12.892	104	1499825	12.362	ppbv	98
62) Isopropylbenzene	14.024	105	3509841	10.481	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.044	83	832268	9.845	ppbv	99
64) n-propylbenzene	14.912	120	914595	10.986	ppbv	94
65) tert-Butylbenzene	16.085	119	3065352	10.691	ppbv	97
66) Benzyl Chloride	16.320	91	248506	12.682	ppbv #	92
67) sec-Butylbenzene	16.632	105	4277990	10.525	ppbv	99
69) p-Isopropyltoluene	16.992	119	3518187	11.014	ppbv	99
70) n-Butylbenzene	17.883	91	3693410	10.722	ppbv	99
71) 2-Chlorotoluene	14.799	91	2731588	10.606	ppbv	98
72) 4-Ethyltoluene	15.188	105	2890605	11.188	ppbv	99
73) 1,3,5-Trimethylbenzene	15.346	105	2521926	10.841	ppbv	99
74) 1,2,4-Trimethylbenzene	16.105	105	2721876	10.563	ppbv	99
75) 1,3-Dichlorobenzene	16.326	146	1549624	10.828	ppbv	99
76) 1,4-Dichlorobenzene	16.468	146	1499250	10.654	ppbv	100
77) 1,2-Dichlorobenzene	17.140	146	1443936	10.550	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	976296	9.739	ppbv	99
79) Naphthalene	21.378	128	2038146	13.807	ppbv	99
80) Naphthalene,2-methyl-	24.371	142	698200	14.037	ppbv	95
81) 1,2,4-Trichlorobenzene	21.140	180	1042664	11.460	ppbv	100

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



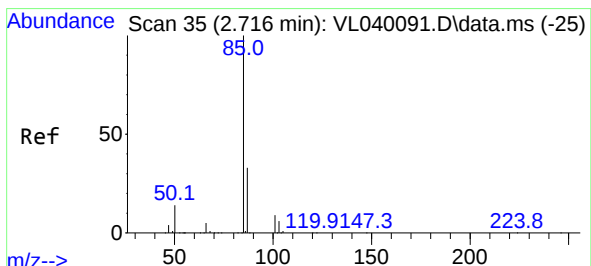
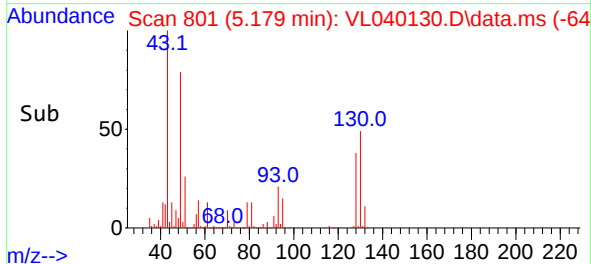
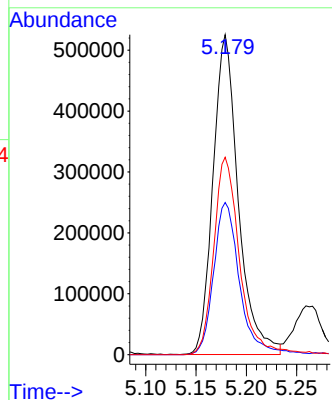
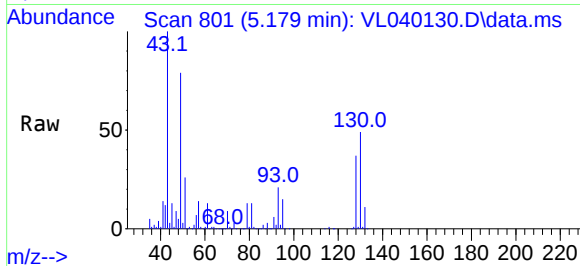
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.179 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 49 Resp: 920219
Ion Ratio Lower Upper
49 100
128 49.5 23.6 71.0
130 63.9 29.8 89.3

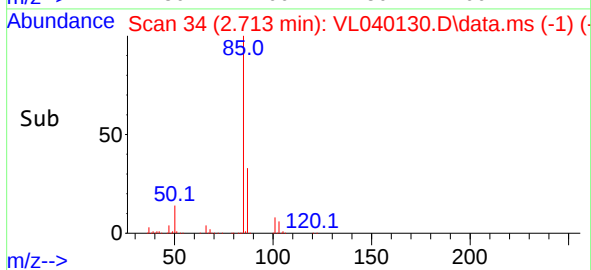
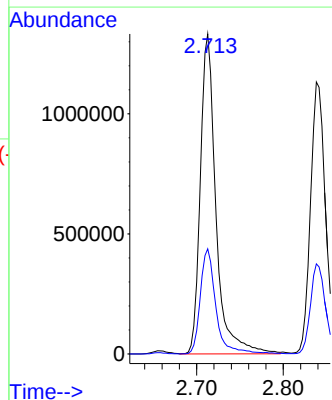
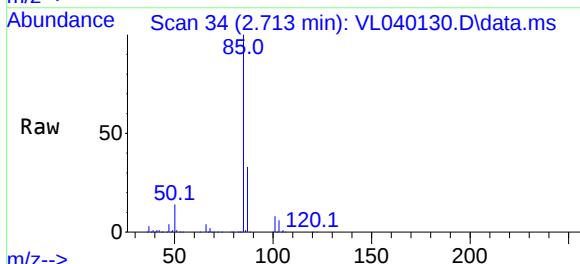
Manual Integrations
APPROVED

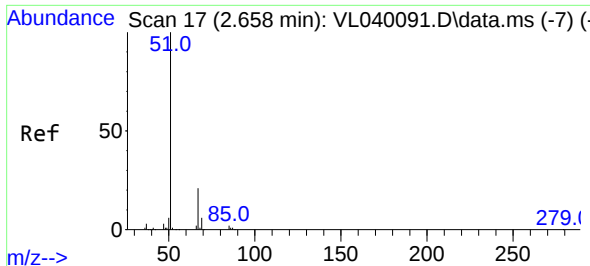
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#2
Dichlorodifluoromethane
Concen: 10.305 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

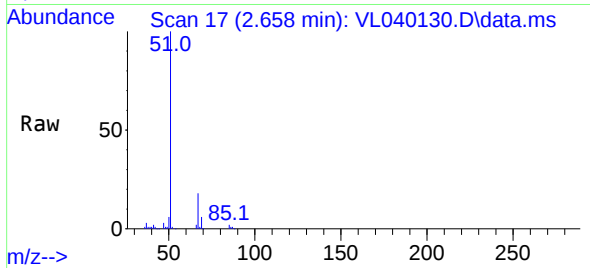
Tgt Ion: 85 Resp: 1662815
Ion Ratio Lower Upper
85 100
87 32.8 26.5 39.7





#3
Chlorodifluoromethane
Concen: 9.784 ppbv
RT: 2.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

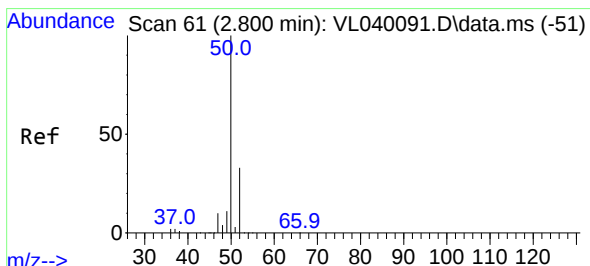
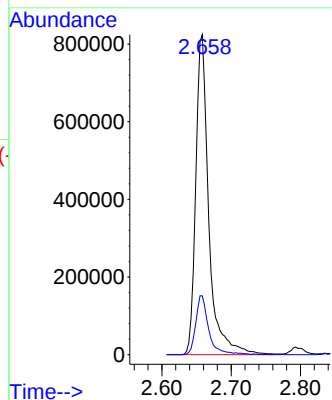
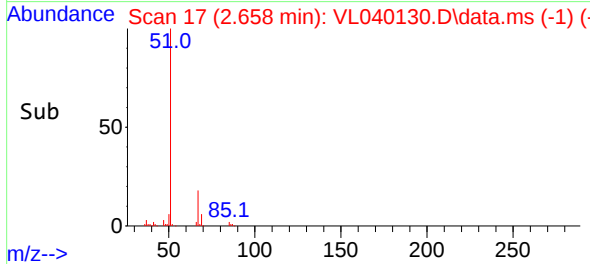
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



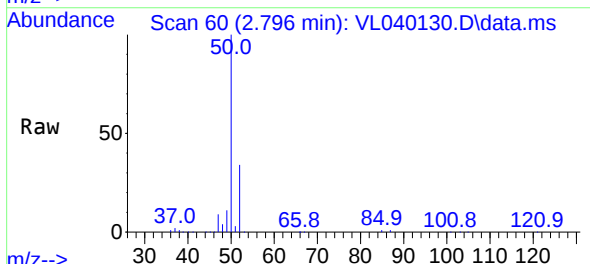
Tgt Ion: 51 Resp: 1079890
Ion Ratio Lower Upper
51 100
67 18.5 16.4 24.6

Manual Integrations
APPROVED

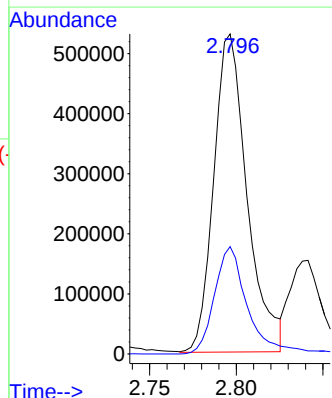
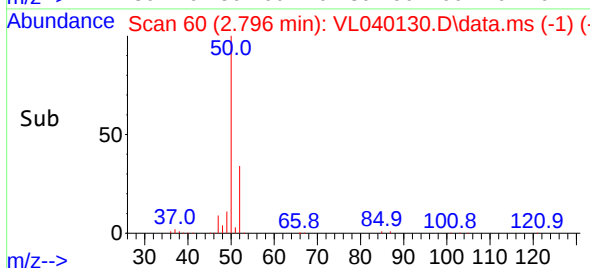
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



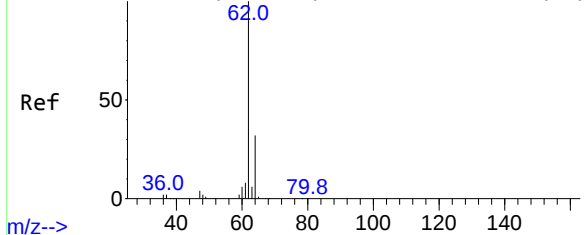
#4
Chloromethane
Concen: 10.389 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion: 50 Resp: 708723
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



Abundance Scan 94 (2.906 min): VL040091.D\data.ms (-82)



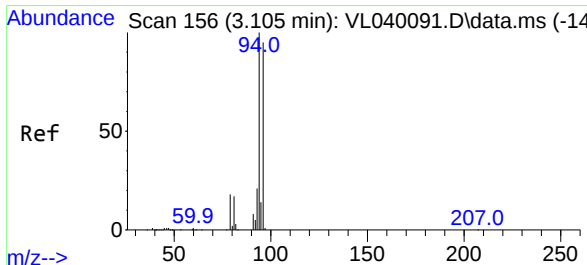
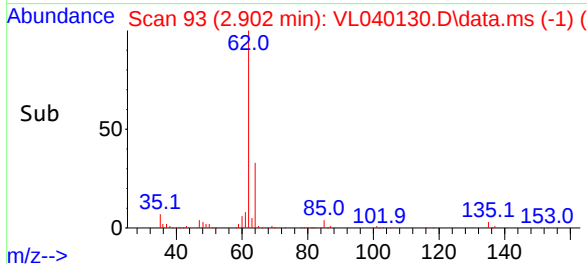
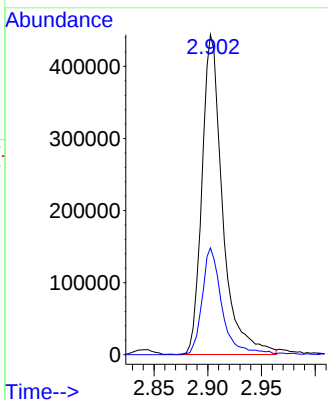
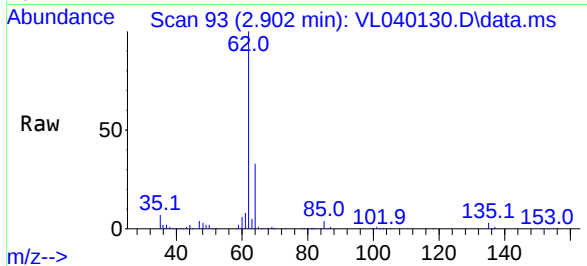
#5
Vinyl Chloride
Concen: 10.235 ppbv
RT: 2.902 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 62 Resp: 59194
Ion Ratio Lower Upper
62 100
64 33.4 25.8 38.6

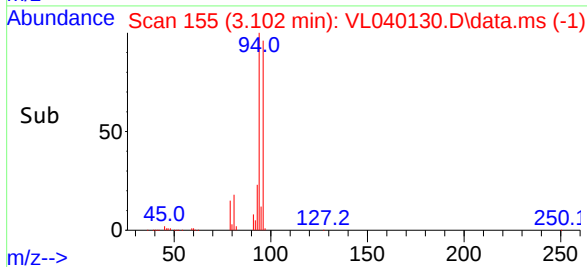
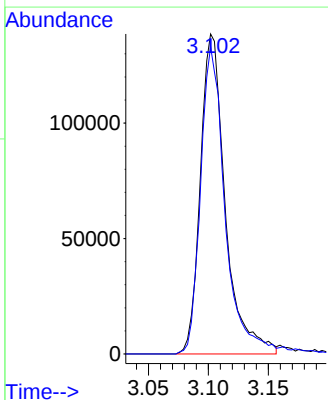
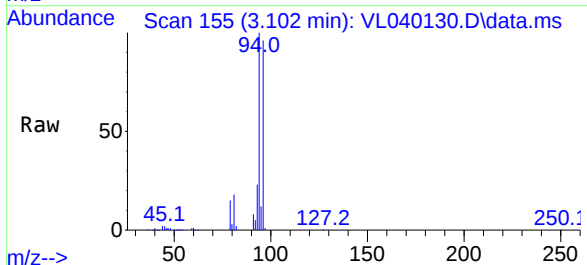
Manual Integrations
APPROVED

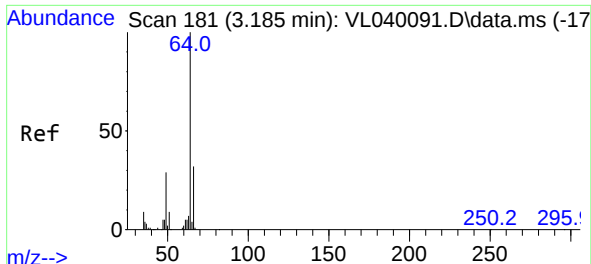
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#6
Bromomethane
Concen: 9.523 ppbv
RT: 3.102 min Scan# 155
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

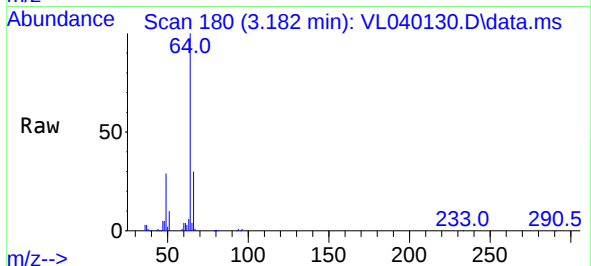
Tgt Ion: 94 Resp: 200973
Ion Ratio Lower Upper
94 100
96 96.0 76.2 114.2





#7
Chloroethane
Concen: 9.721 ppbv
RT: 3.182 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

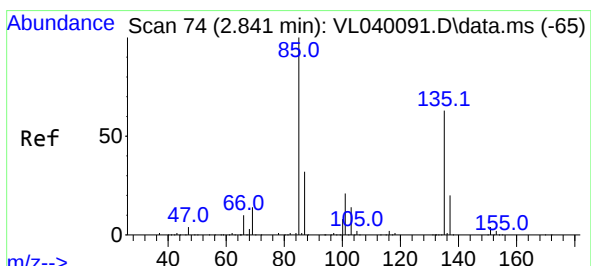
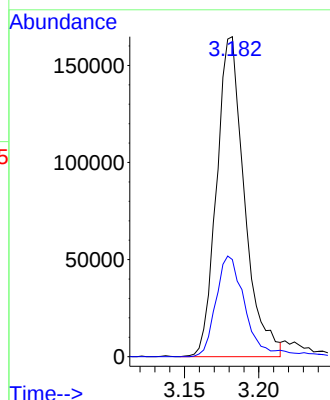
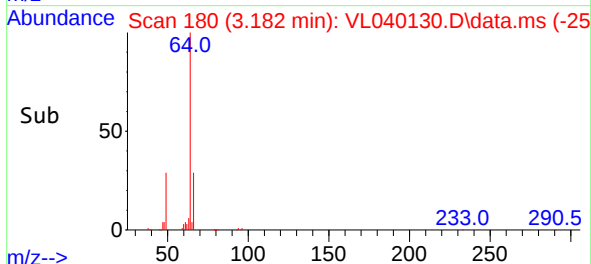
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



Tgt Ion: 64 Resp: 21488
Ion Ratio Lower Upper
64 100
66 30.4 25.6 38.4

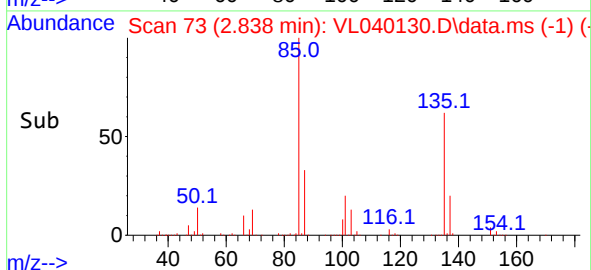
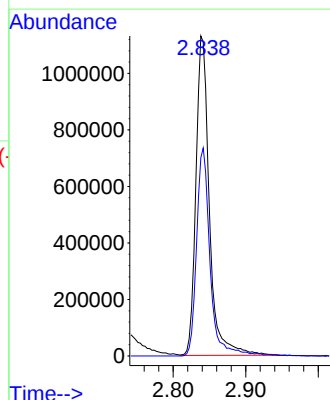
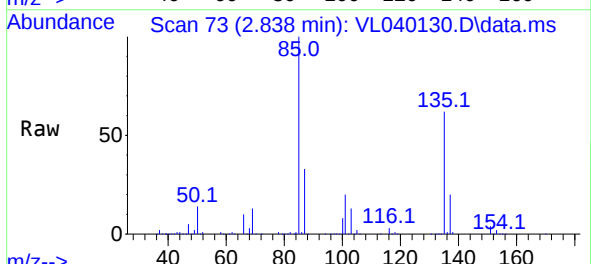
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

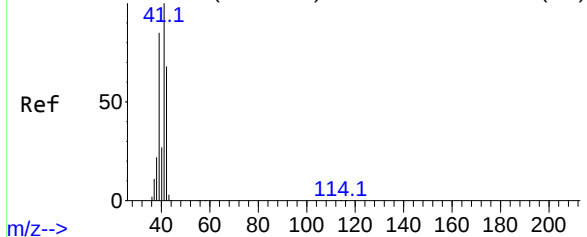


#8
Dichlorotetrafluoroethane
Concen: 9.671 ppbv
RT: 2.838 min Scan# 73
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 85 Resp: 1456715
Ion Ratio Lower Upper
85 100
135 65.5 51.4 77.2



Abundance Scan 23 (2.677 min): VL040091.D\data.ms (-15)



#9

Propene

Concen: 10.386 ppbv

RT: 2.677 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

VL0130ABS01

Tgt Ion: 41 Resp: 476279

Ion Ratio Lower Upper

41 100

42 68.8 55.6 83.4

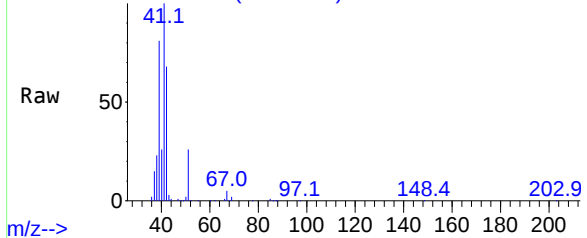
Manual Integrations

APPROVED

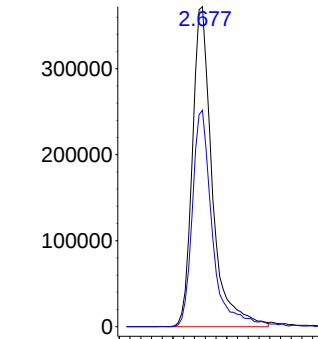
Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023

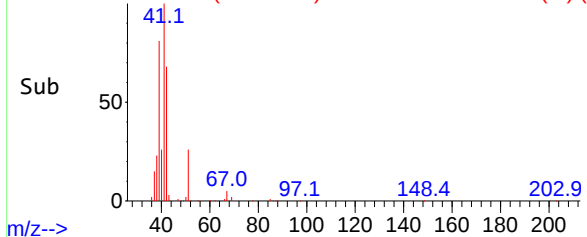
Abundance Scan 23 (2.677 min): VL040130.D\data.ms



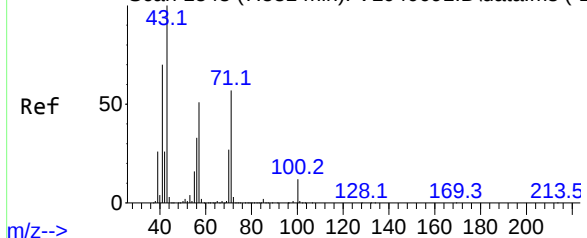
Abundance



Abundance Scan 23 (2.677 min): VL040130.D\data.ms (-1)



Abundance Scan 1548 (7.581 min): VL040091.D\data.ms (-1)



#10

Heptane

Concen: 11.095 ppbv

RT: 7.571 min Scan# 1545

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

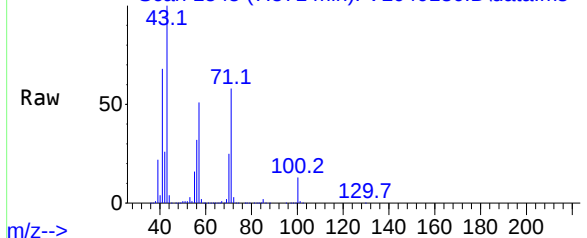
Tgt Ion: 43 Resp: 1172620

Ion Ratio Lower Upper

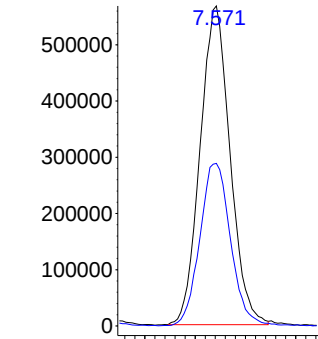
43 100

57 52.5 40.9 61.3

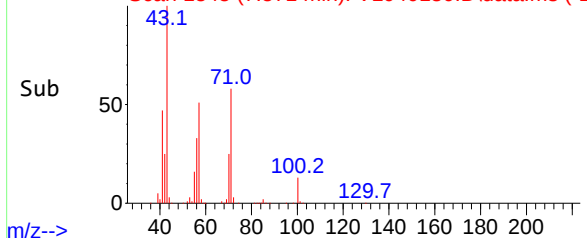
Abundance Scan 1545 (7.571 min): VL040130.D\data.ms

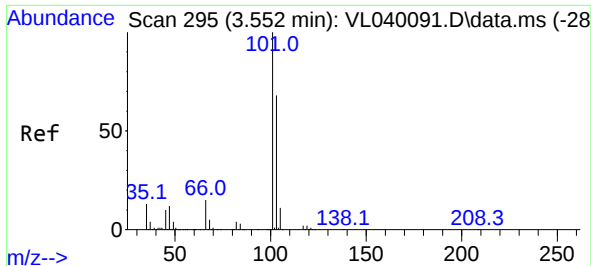


Abundance



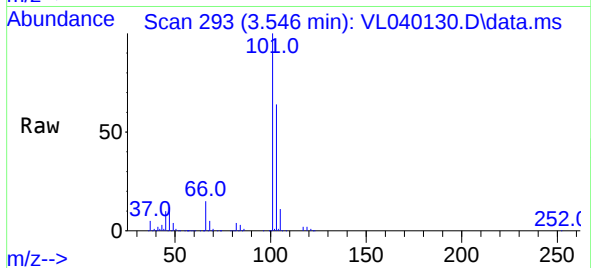
Abundance Scan 1545 (7.571 min): VL040130.D\data.ms (-1)





#11
Trichlorofluoromethane
Concen: 9.016 ppbv
RT: 3.546 min Scan# 295
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

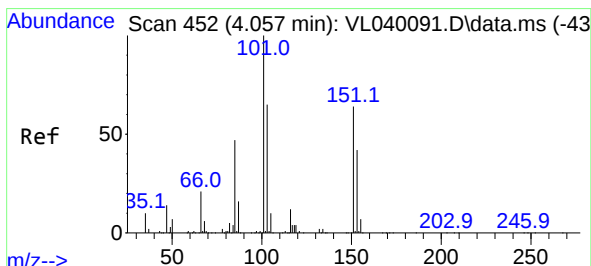
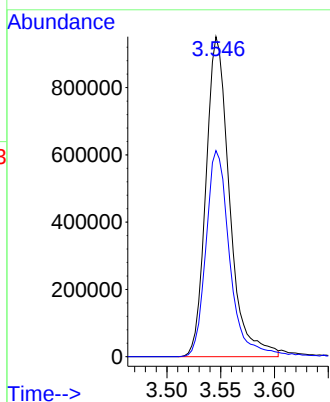
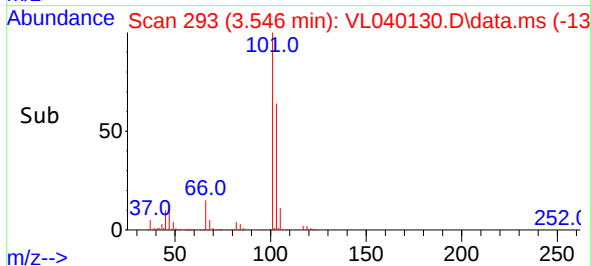
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



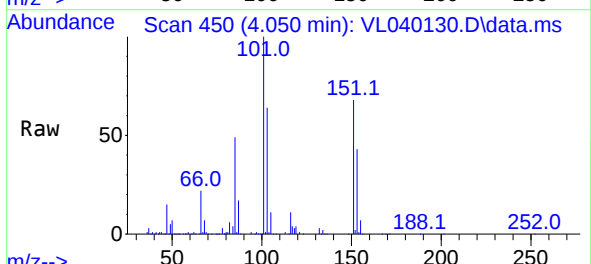
Tgt Ion:101 Resp: 1451754
Ion Ratio Lower Upper
101 100
103 64.4 54.0 81.0

Manual Integrations
APPROVED

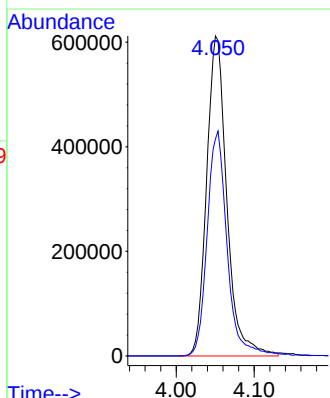
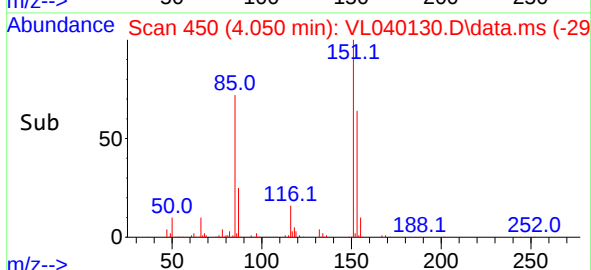
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

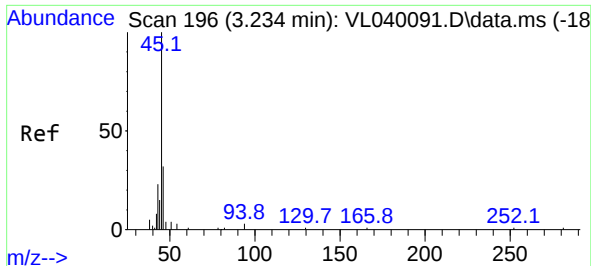


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.085 ppbv
RT: 4.050 min Scan# 450
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



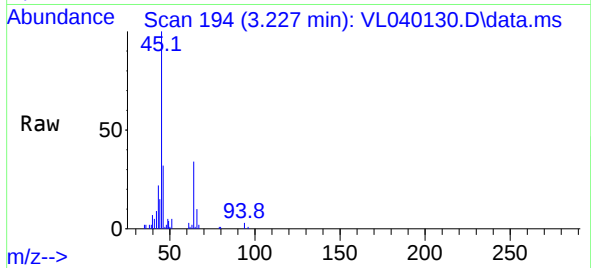
Tgt Ion:101 Resp: 1099823
Ion Ratio Lower Upper
101 100
151 69.8 53.2 79.8





#13
Ethanol
Concen: 7.696 ppbv m
RT: 3.227 min Scan# 194
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

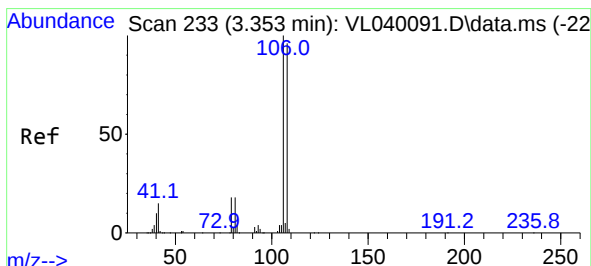
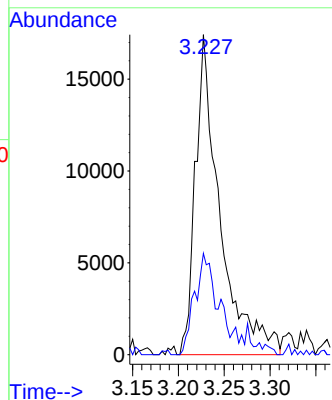
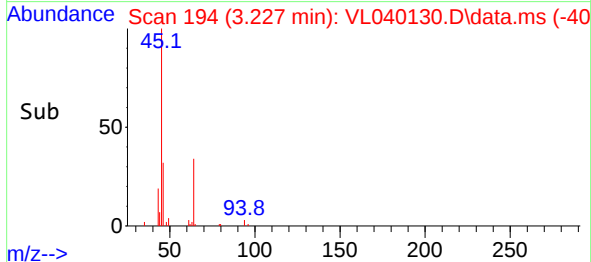
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



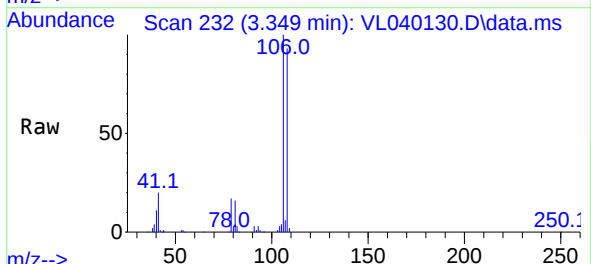
Tgt Ion: 45 Resp: 32484
Ion Ratio Lower Upper
45 100
46 35.8 14.8 59.2

Manual Integrations
APPROVED

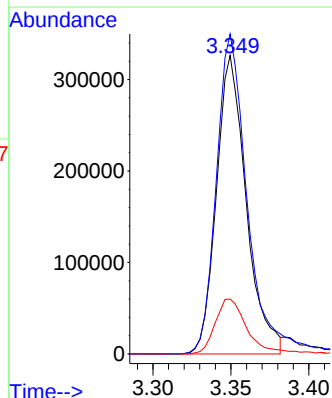
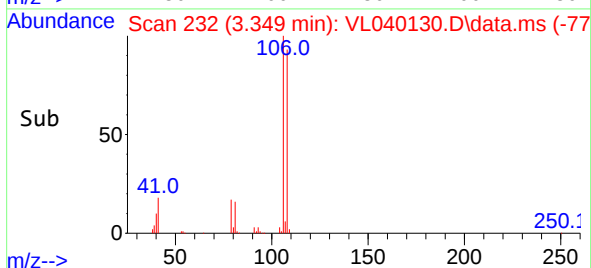
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

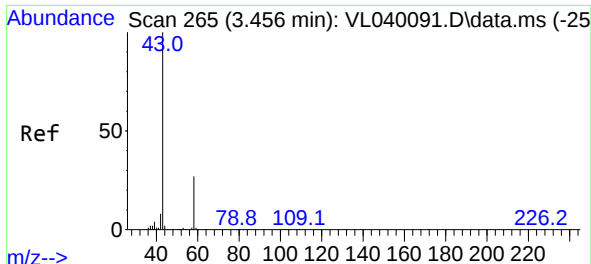


#14
Bromoethene
Concen: 9.641 ppbv
RT: 3.349 min Scan# 232
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



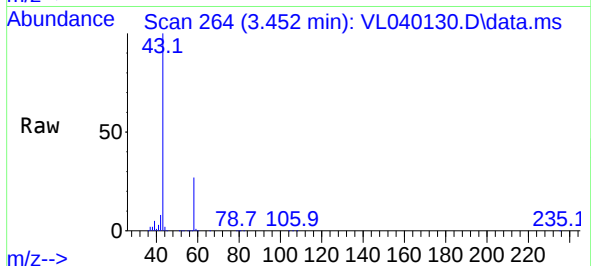
Tgt Ion:108 Resp: 433242
Ion Ratio Lower Upper
108 100
106 114.4 87.0 130.6
79 20.2 16.1 24.1





#15
Acetone
Concen: 9.386 ppbv
RT: 3.452 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

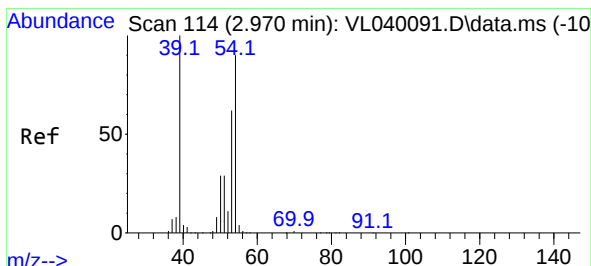
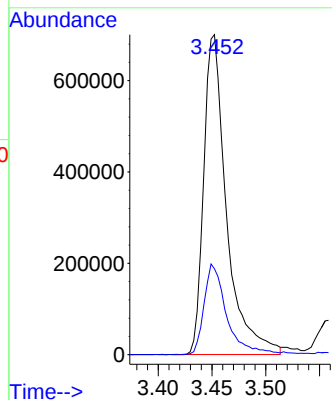
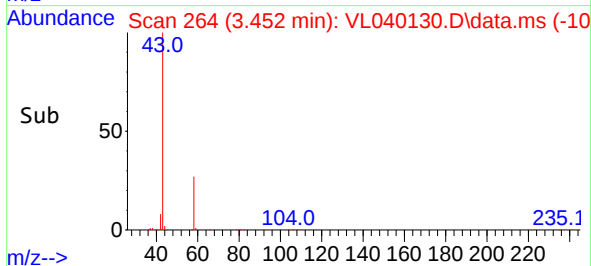
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



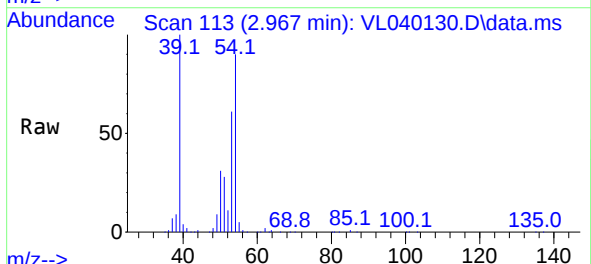
Tgt Ion: 43 Resp: 1035820
Ion Ratio Lower Upper
43 100
58 28.4 21.8 32.8

Manual Integrations
APPROVED

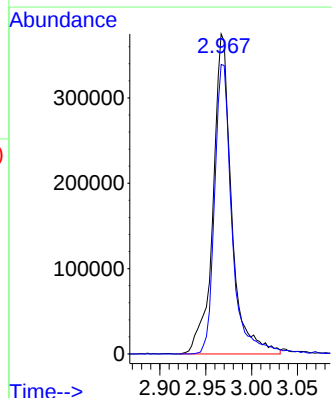
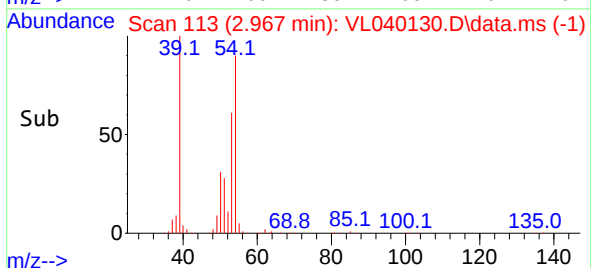
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

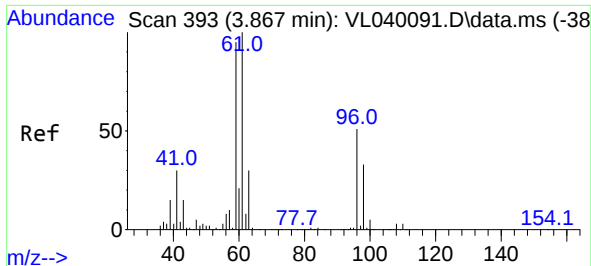


#16
1,3-Butadiene
Concen: 10.293 ppbv
RT: 2.967 min Scan# 113
Delta R.T. -0.003 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion: 39 Resp: 529602
Ion Ratio Lower Upper
39 100
54 85.8 67.9 101.9





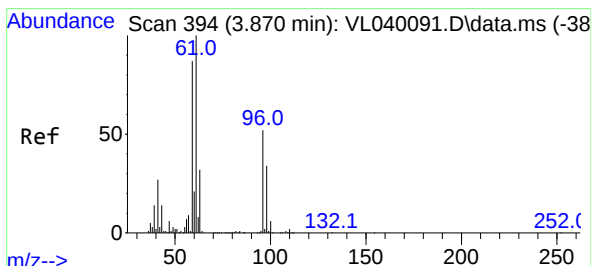
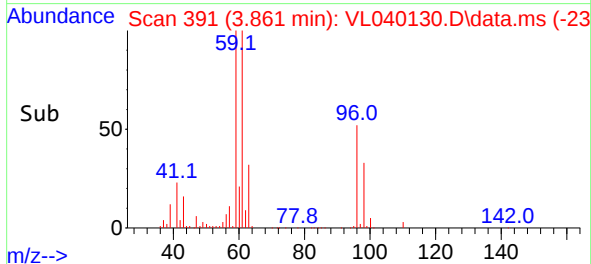
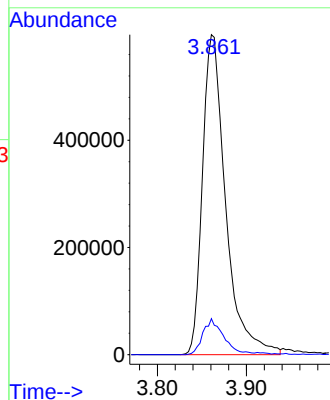
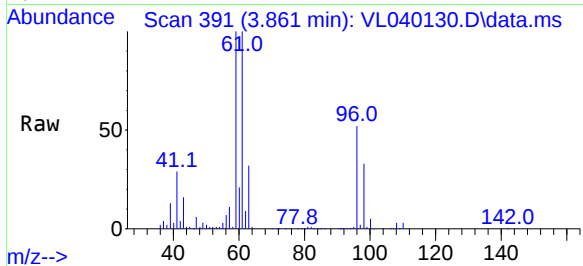
#17
tert-Butyl alcohol
Concen: 10.482 ppbv
RT: 3.861 min Scan# 391
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 59 Resp: 1077280
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

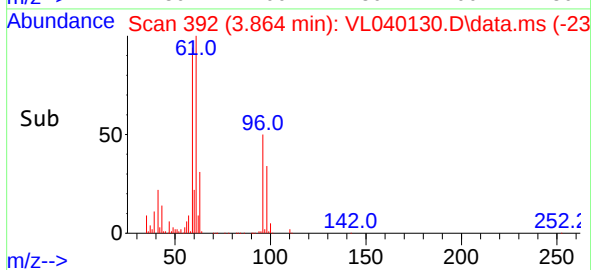
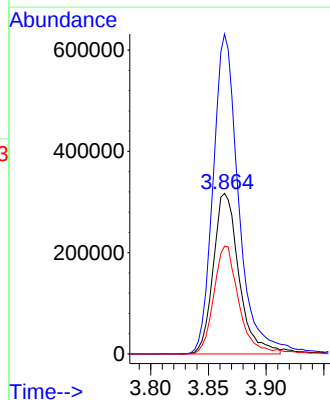
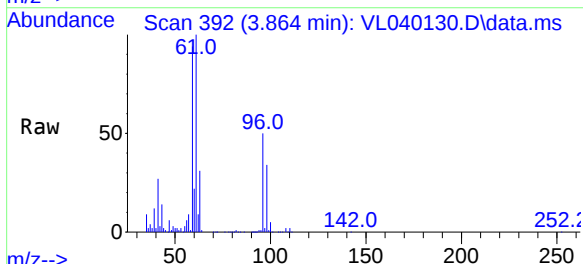
Manual Integrations
APPROVED

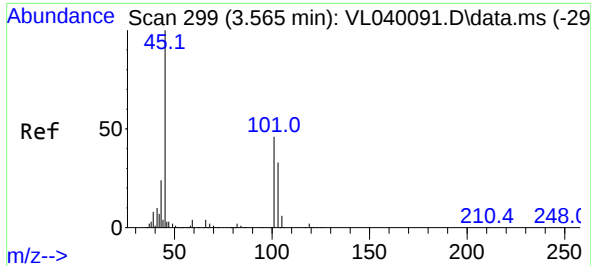
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#18
1,1-Dichloroethene
Concen: 9.314 ppbv
RT: 3.864 min Scan# 392
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

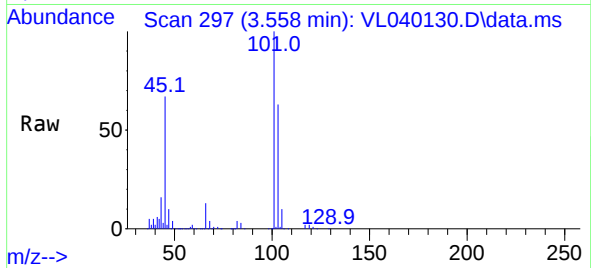
Tgt Ion: 96 Resp: 489883
Ion Ratio Lower Upper
96 100
61 199.4 153.0 229.4
98 67.2 52.7 79.1





#19
Isopropyl Alcohol
Concen: 9.897 ppbv
RT: 3.558 min Scan# 299
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

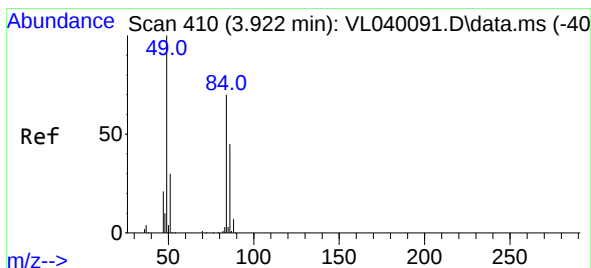
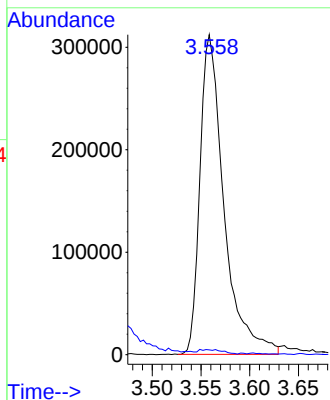
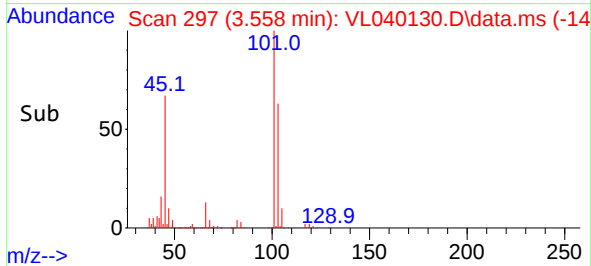
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



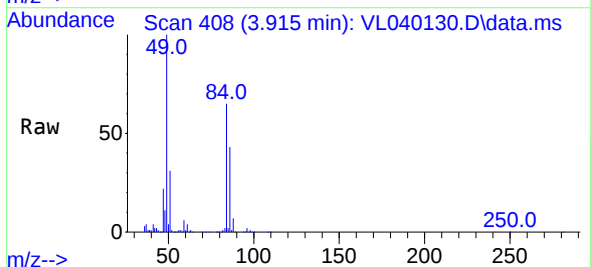
Tgt Ion: 45 Resp: 534424
Ion Ratio Lower Upper
45 100
58 1.9 2.6 4.0

Manual Integrations
APPROVED

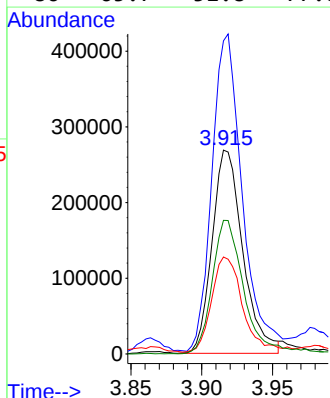
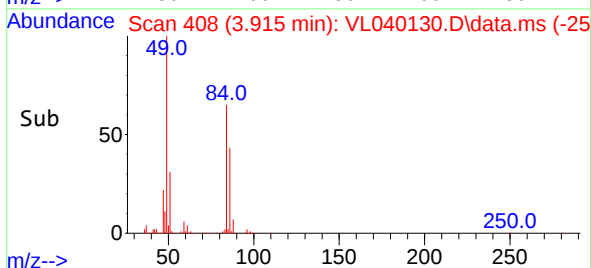
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

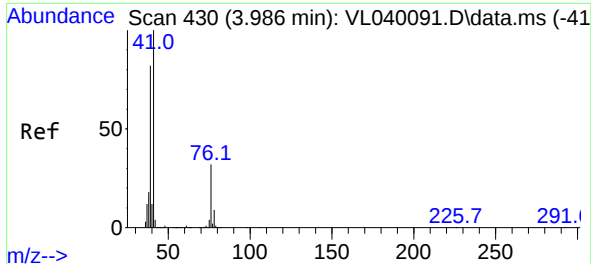


#20
Methylene Chloride
Concen: 8.338 ppbv
RT: 3.915 min Scan# 408
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion: 84 Resp: 405956
Ion Ratio Lower Upper
84 100
49 152.2 114.6 171.8
51 46.5 34.3 51.5
86 65.7 51.8 77.8





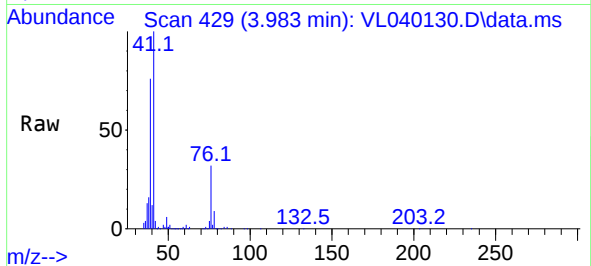
#21
 Allyl Chloride
 Concen: 10.472 ppbv
 RT: 3.983 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

VL0130ABS01

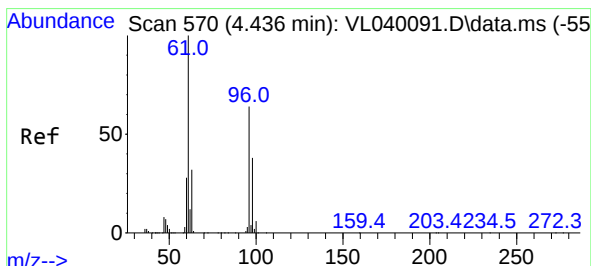
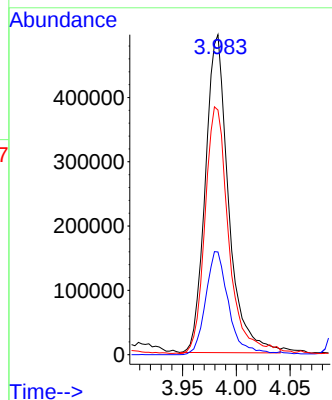
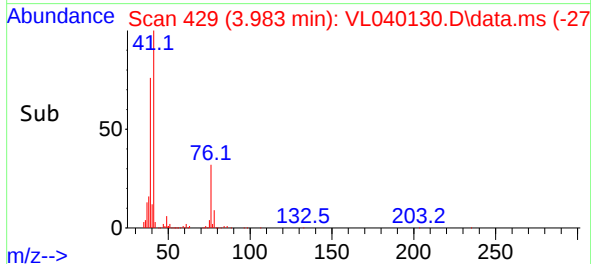


Tgt Ion: 41 Resp: 742075
 Ion Ratio Lower Upper
 41 100
 76 32.6 25.9 38.9
 39 80.1 66.8 100.2

Manual Integrations

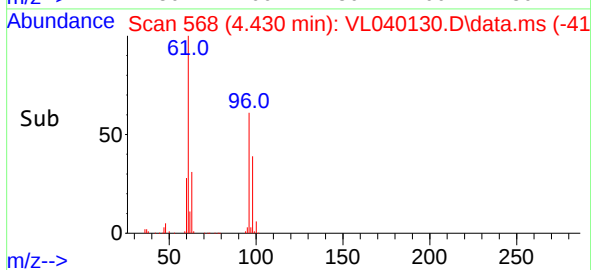
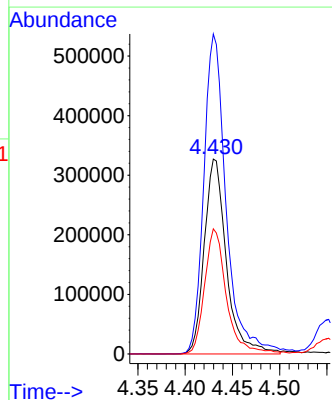
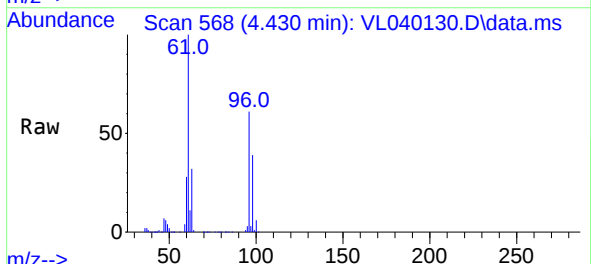
APPROVED

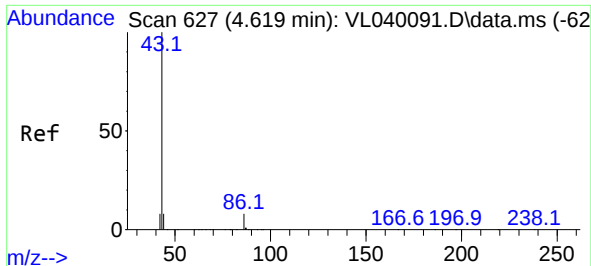
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#22
 trans-1,2-Dichloroethene
 Concen: 9.938 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 96 Resp: 534075
 Ion Ratio Lower Upper
 96 100
 61 164.1 125.8 188.8
 98 64.2 47.4 71.2





#23
 Vinyl Acetate
 Concen: 10.770 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. -0.010 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

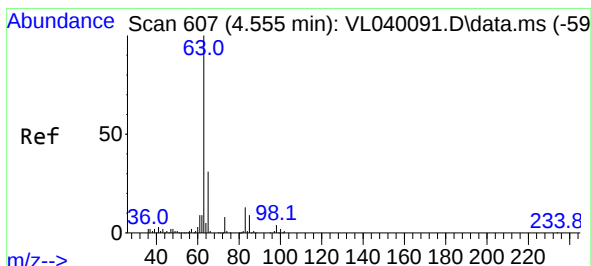
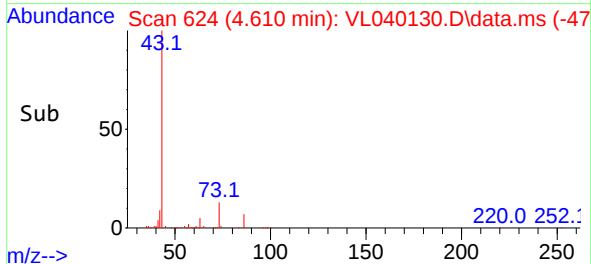
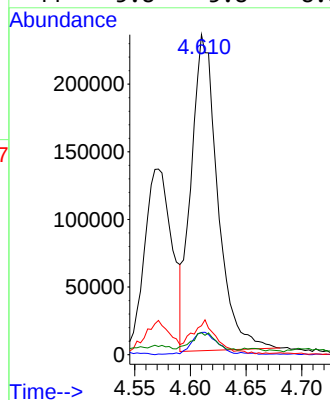
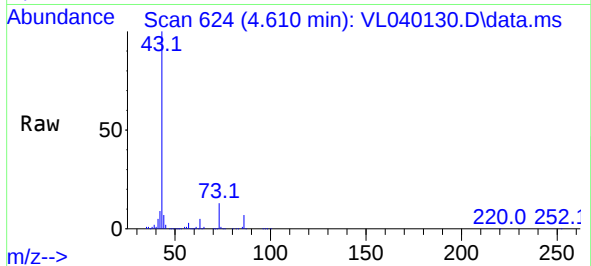
VL0130ABS01

Tgt Ion: 43 Resp: 38528
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.6 8.4
 42 8.7 7.7 11.5
 44 5.8 5.8 8.8#

Manual Integrations

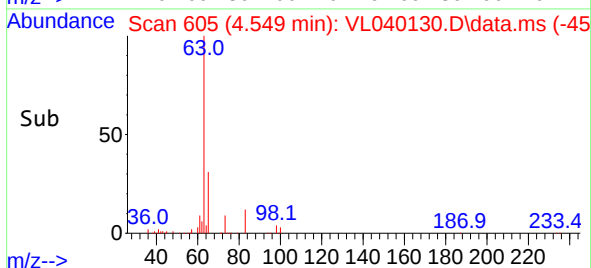
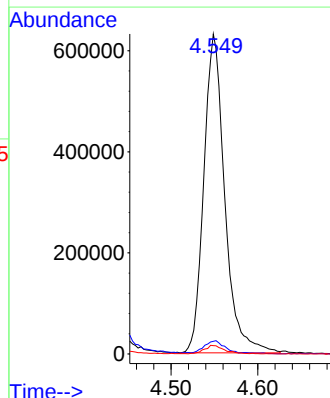
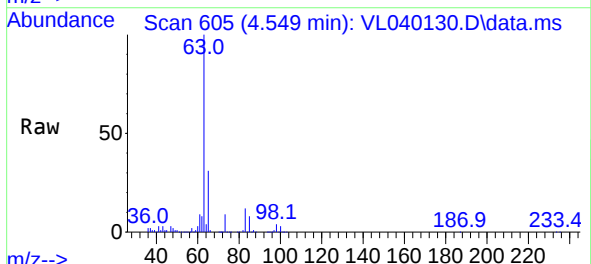
APPROVED

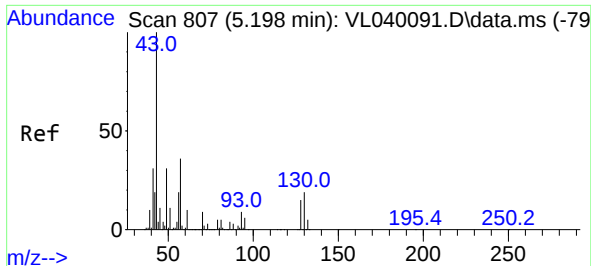
Reviewed By :Semsettin Yesilyurt 01/31/2023
 Supervised By :Mahesh Dadoda 01/31/2023



#24
 1,1-Dichloroethane
 Concen: 9.777 ppbv
 RT: 4.549 min Scan# 605
 Delta R.T. -0.006 min
 Lab File: VL040130.D
 Acq: 30 Jan 2023 13:24

Tgt Ion: 63 Resp: 1059182
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.0 5.8
 100 2.6 1.1 3.5





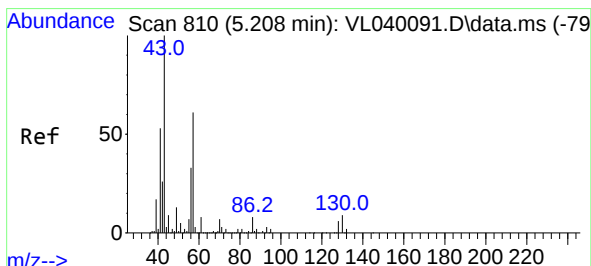
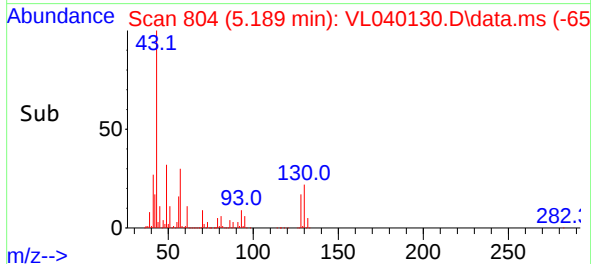
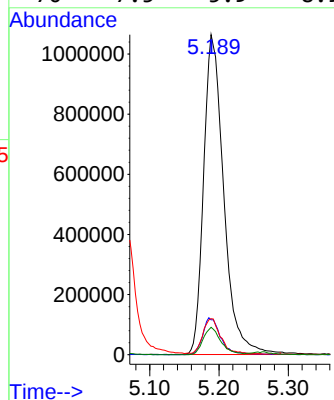
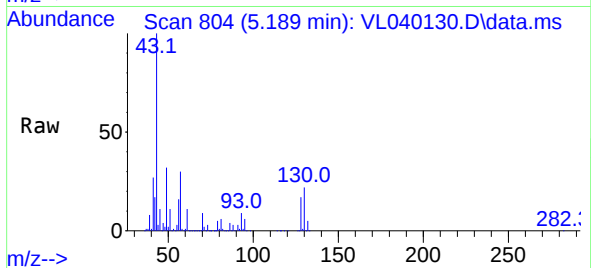
#25
Ethyl Acetate
Concen: 11.044 ppbv
RT: 5.189 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 43 Resp: 2147274
Ion Ratio Lower Upper
43 100
45 10.5 8.5 12.7
61 10.5 8.4 12.6
70 7.5 5.9 8.9

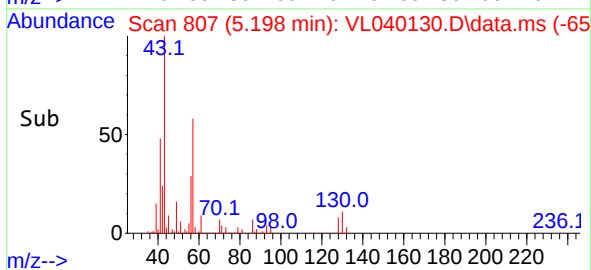
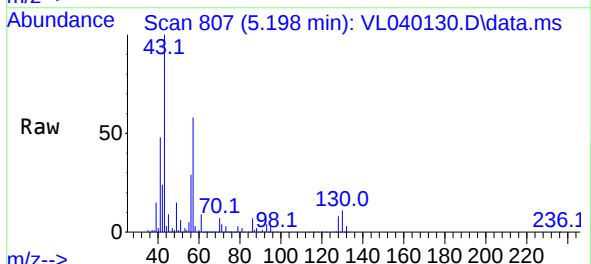
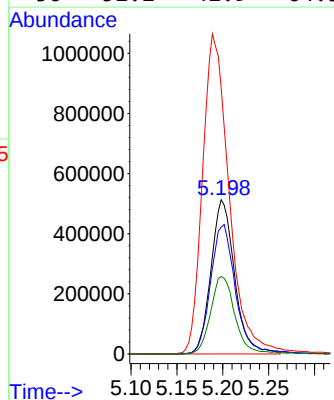
Manual Integrations
APPROVED

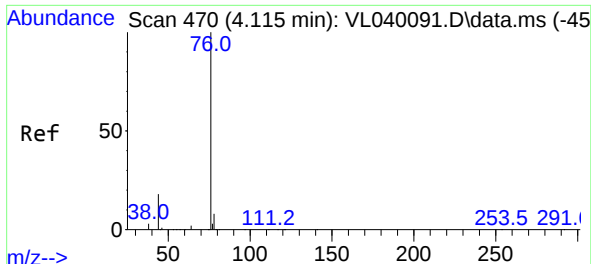
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#26
Hexane
Concen: 10.792 ppbv
RT: 5.198 min Scan# 807
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

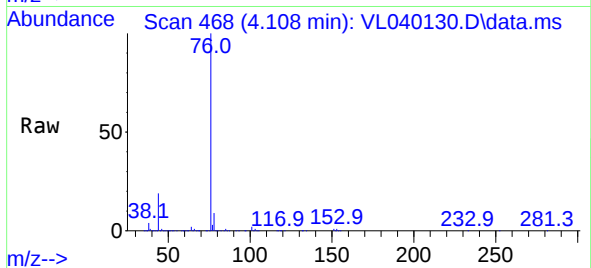
Tgt Ion: 57 Resp: 918306
Ion Ratio Lower Upper
57 100
41 89.8 72.2 108.4
43 235.3 192.1 288.1
56 52.2 42.9 64.3





#27
Carbon Disulfide
Concen: 11.667 ppbv
RT: 4.108 min Scan# 40
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

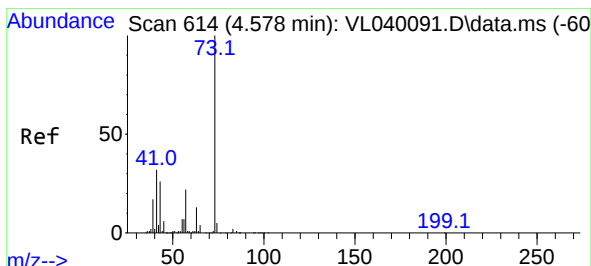
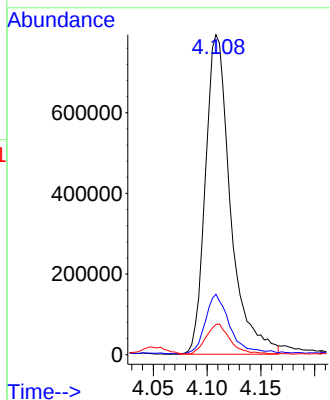
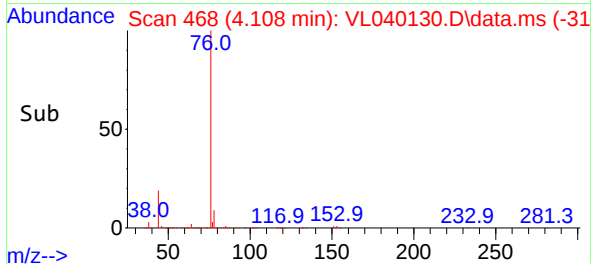
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



Tgt Ion: 76 Resp: 1286029
Ion Ratio Lower Upper
76 100
44 19.0 14.9 22.3
78 9.7 8.2 12.2

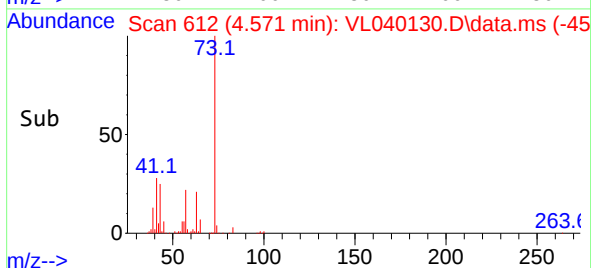
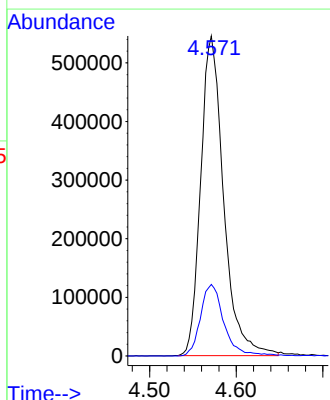
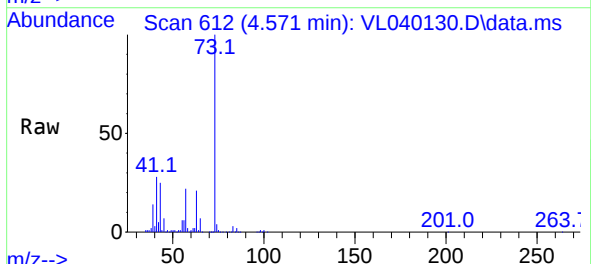
Manual Integrations
APPROVED

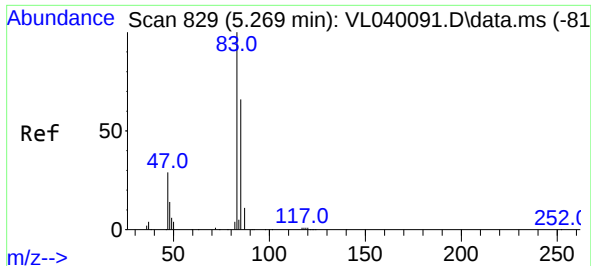
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#28
Methyl tert-Butyl Ether
Concen: 10.486 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 73 Resp: 1003781
Ion Ratio Lower Upper
73 100
57 23.1 18.3 27.5





#29

Chloroform

Concen: 11.045 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

VL0130ABS01

Tgt Ion: 83 Resp: 1502634

Ion Ratio Lower Upper

83 100

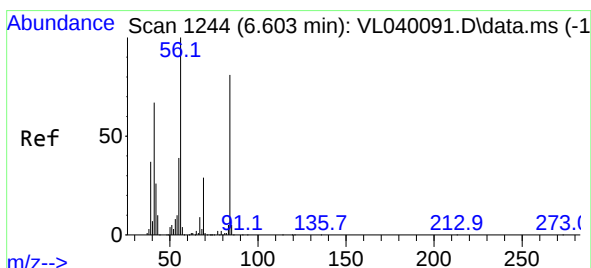
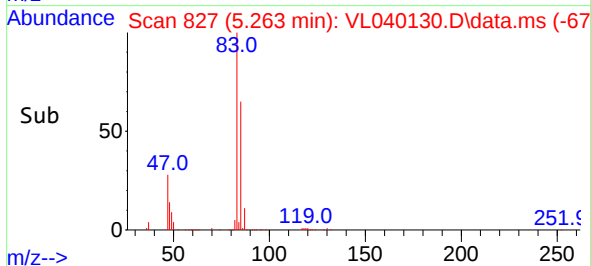
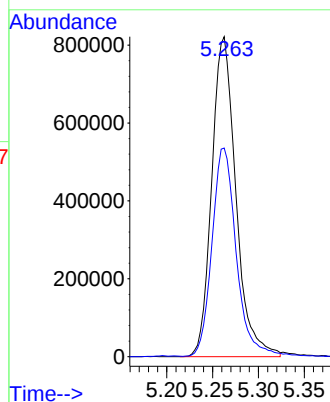
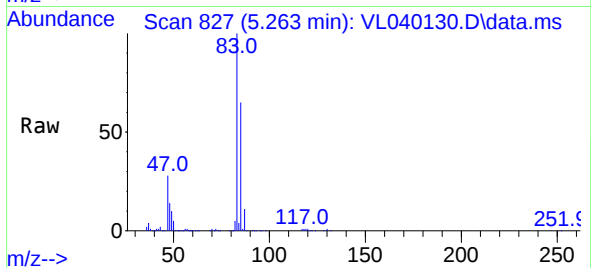
85 65.0 53.1 79.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#30

Cyclohexane

Concen: 11.881 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.016 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

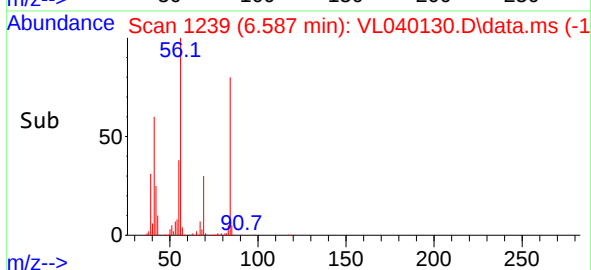
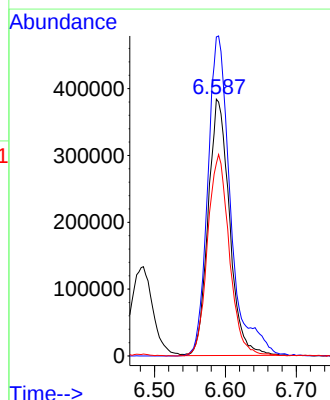
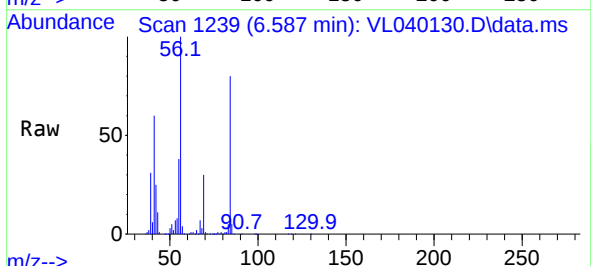
Tgt Ion: 84 Resp: 803623

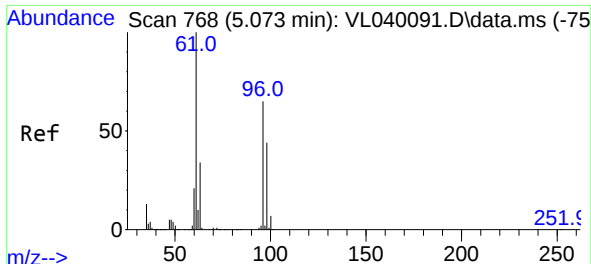
Ion Ratio Lower Upper

84 100

56 133.6 111.5 167.3

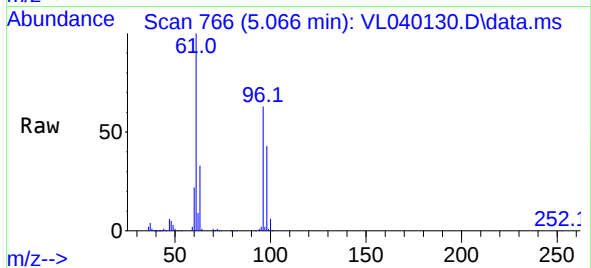
41 80.1 71.4 107.0





#31
cis-1,2-Dichloroethene
Concen: 10.010 ppbv
RT: 5.066 min Scan# 70
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

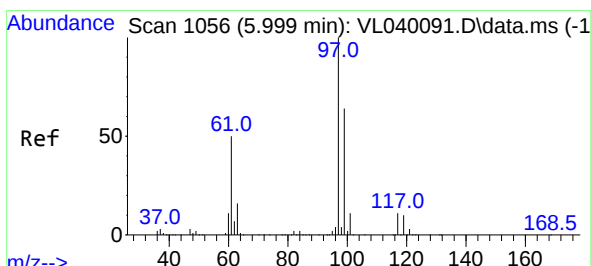
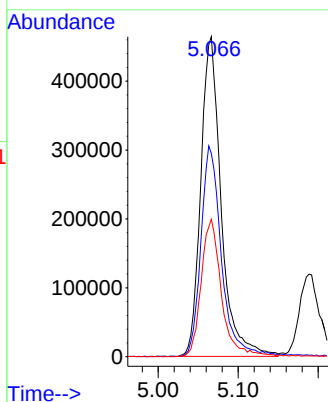
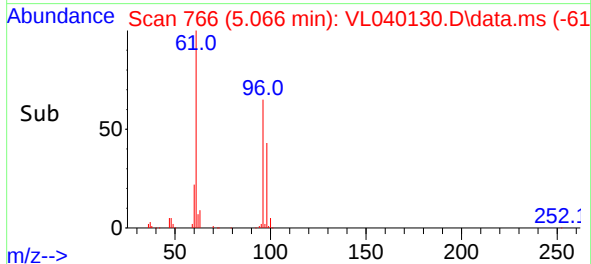
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



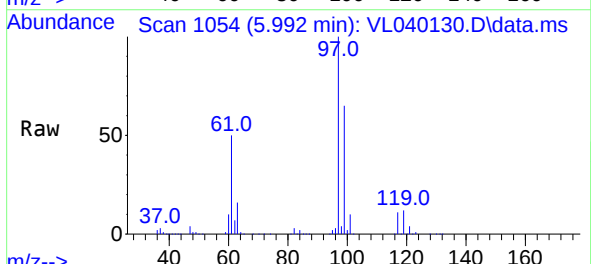
Tgt Ion: 61 Resp: 824564
Ion Ratio Lower Upper
61 100
96 63.5 52.0 78.0
98 43.0 35.3 52.9

Manual Integrations
APPROVED

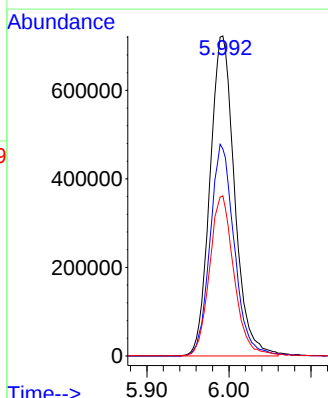
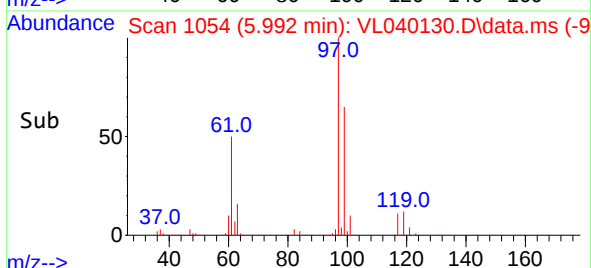
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

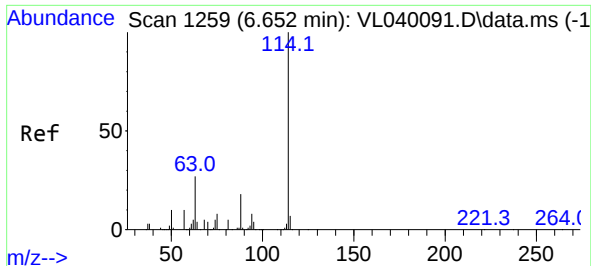


#32
1,1,1-Trichloroethane
Concen: 10.883 ppbv
RT: 5.992 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion: 97 Resp: 1504850
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 50.0 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

VL0130ABS01

Tgt Ion:114 Resp: 2503524

Ion Ratio Lower Upper

114 100

63 24.8 21.8 32.8

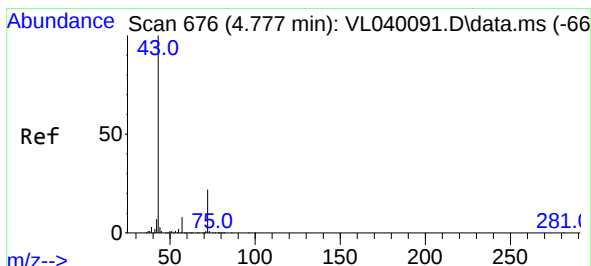
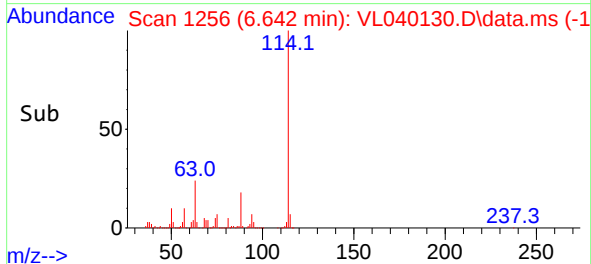
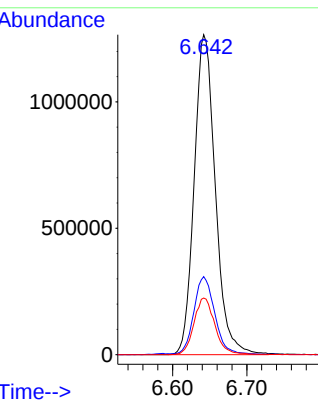
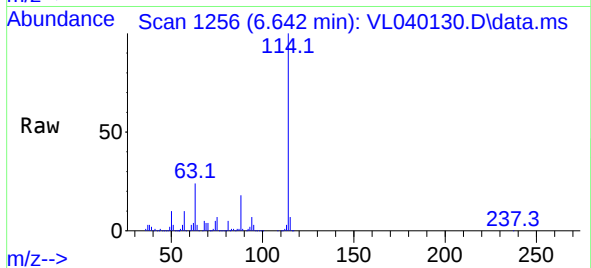
88 17.6 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#34

2-Butanone

Concen: 10.049 ppbv

RT: 4.771 min Scan# 674

Delta R.T. -0.006 min

Lab File: VL040130.D

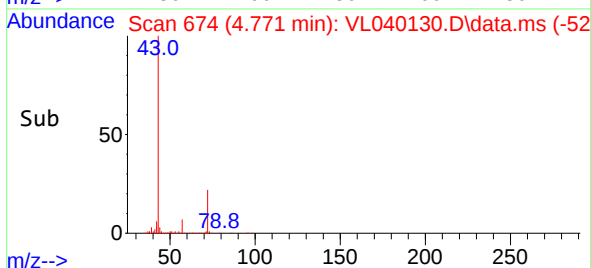
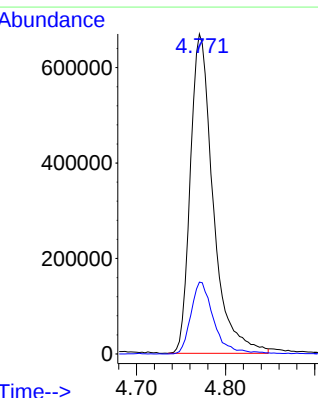
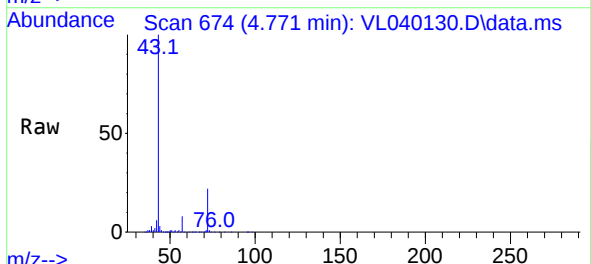
Acq: 30 Jan 2023 13:24

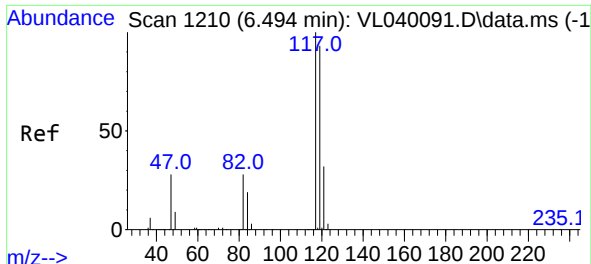
Tgt Ion: 43 Resp: 1189958

Ion Ratio Lower Upper

43 100

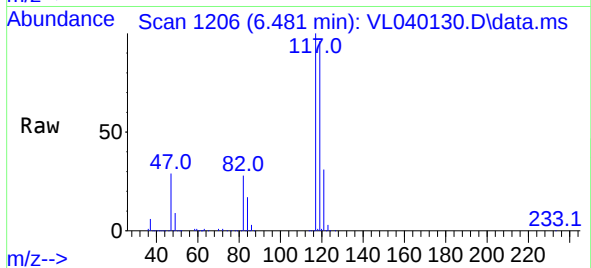
72 22.7 18.4 27.6





#35
Carbon Tetrachloride
Concen: 11.328 ppbv
RT: 6.481 min Scan# 1167
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

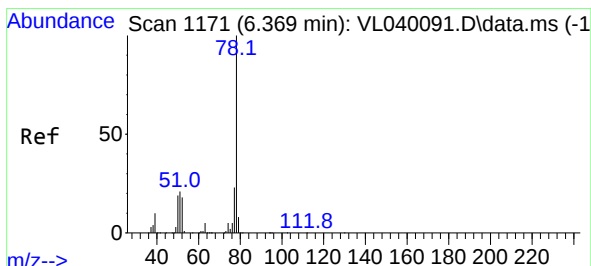
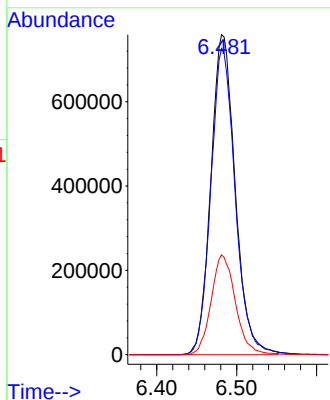
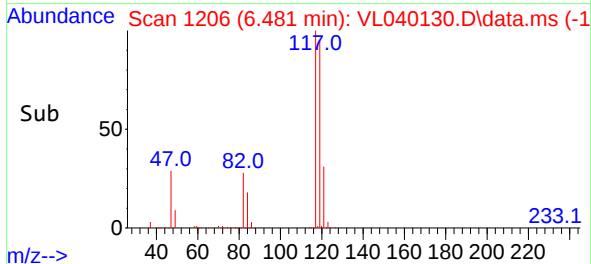
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



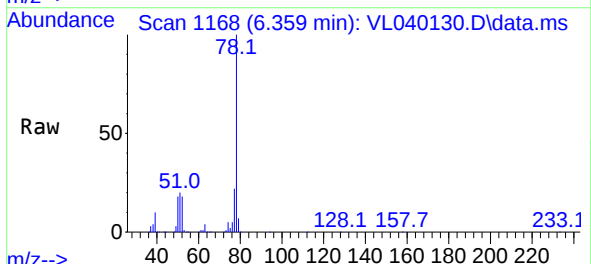
Tgt Ion: 117 Resp: 160349
Ion Ratio Lower Upper
117 100
119 95.6 74.5 111.7
121 31.2 25.4 38.0

Manual Integrations
APPROVED

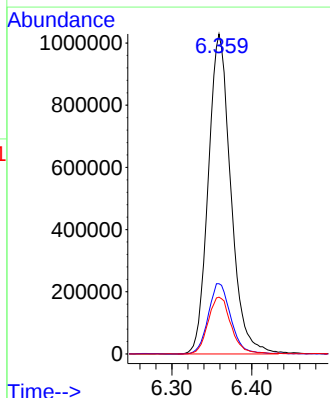
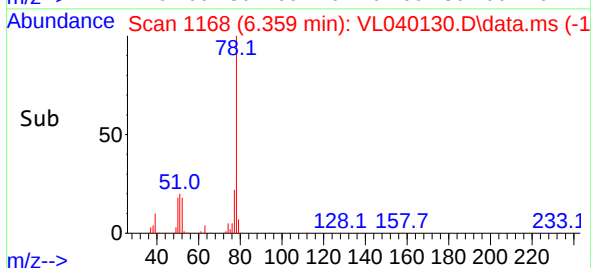
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

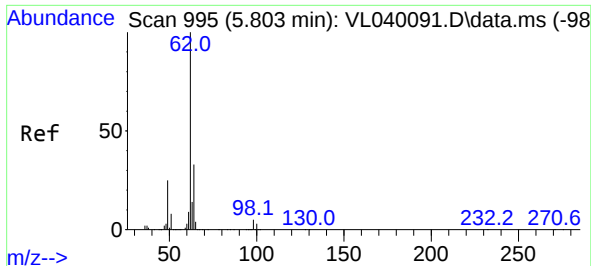


#36
Benzene
Concen: 10.868 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



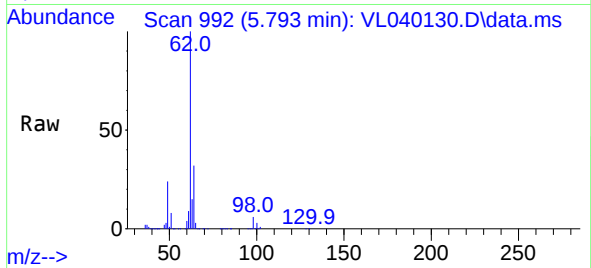
Tgt Ion: 78 Resp: 2013480
Ion Ratio Lower Upper
78 100
77 21.9 18.1 27.1
50 17.8 15.6 23.4





#37
1,2-Dichloroethane
Concen: 9.695 ppbv
RT: 5.793 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

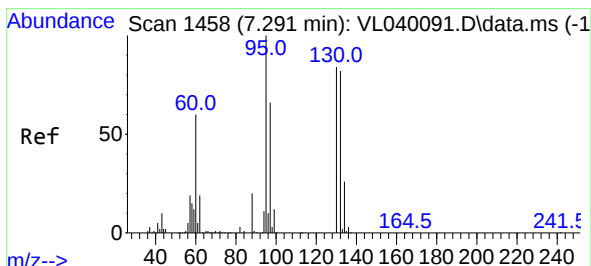
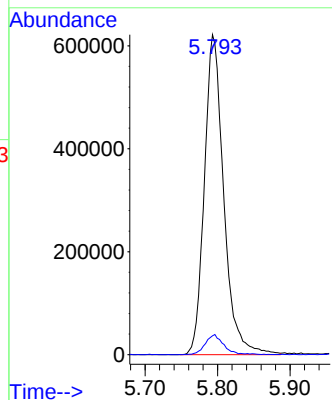
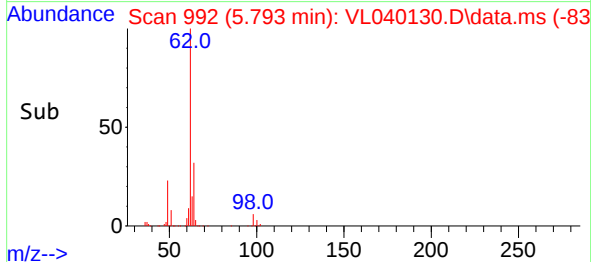
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



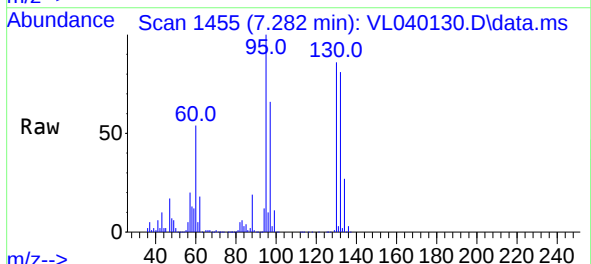
Tgt Ion: 62 Resp: 1154534
Ion Ratio Lower Upper
62 100
98 6.2 4.4 6.6

Manual Integrations
APPROVED

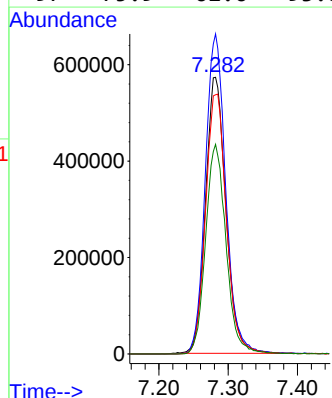
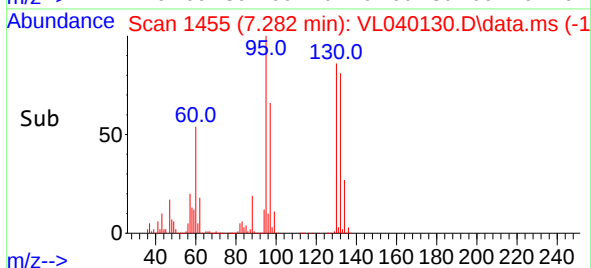
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

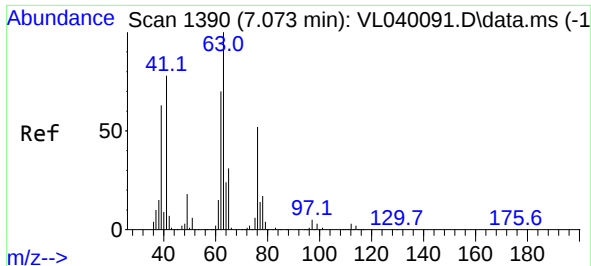


#38
Trichloroethene
Concen: 11.122 ppbv
RT: 7.282 min Scan# 1455
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion:130 Resp: 1169479
Ion Ratio Lower Upper
130 100
95 115.9 95.0 142.6
132 93.9 77.9 116.9
97 75.9 62.6 93.8





#39

1,2-Dichloropropane

Concen: 10.555 ppbv

RT: 7.063 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

VL0130ABS01

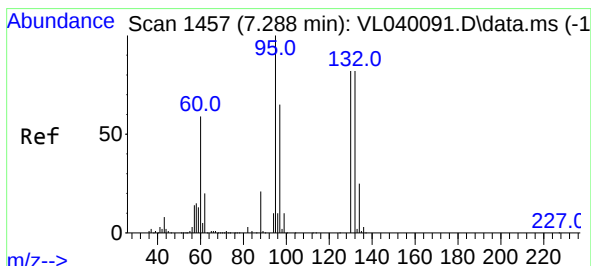
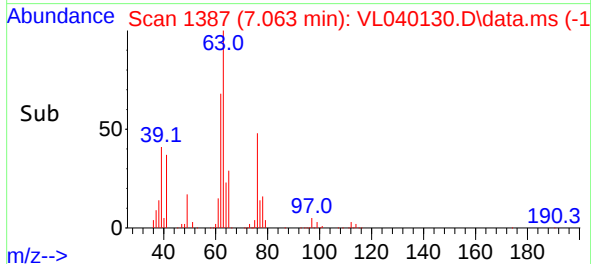
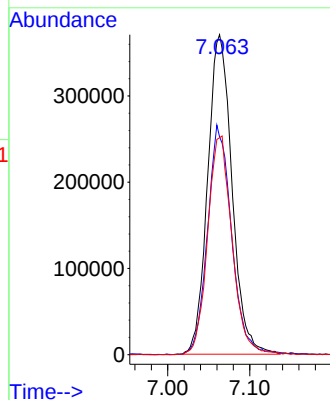
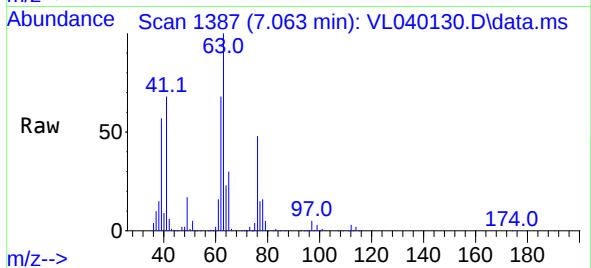
Tgt Ion: 63 Resp: 764920

Ion	Ratio	Lower	Upper
63	100		
41	68.1	62.2	93.4
62	67.8	55.8	83.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#40

1,4-Dioxane

Concen: 10.636 ppbv

RT: 7.275 min Scan# 1453

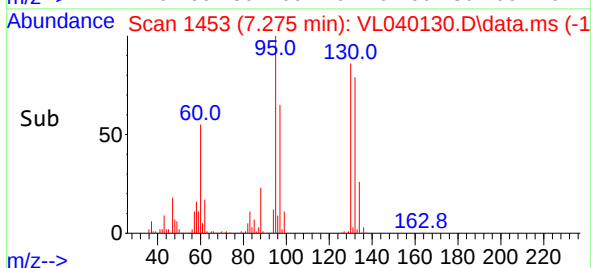
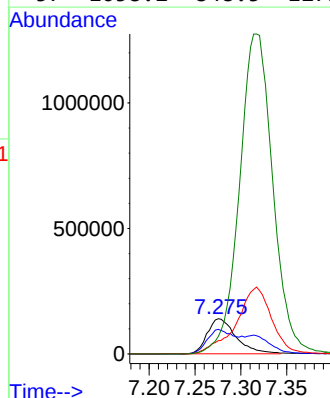
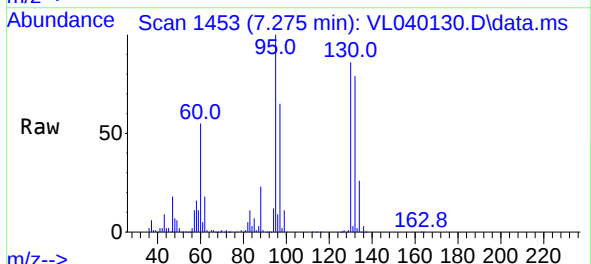
Delta R.T. -0.013 min

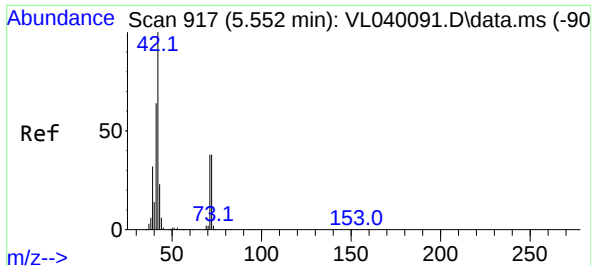
Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Tgt Ion: 88 Resp: 305893

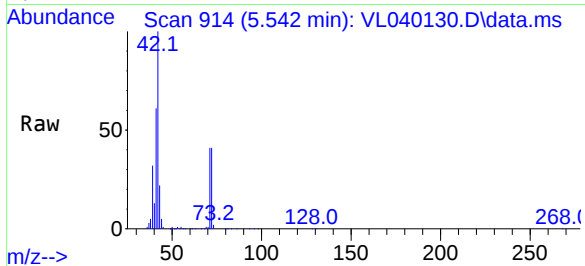
Ion	Ratio	Lower	Upper
88	100		
58	117.6	97.5	146.3
43	234.4	195.0	292.4
57	1058.2	848.5	1272.7





#41
Tetrahydrofuran
Concen: 11.157 ppbv
RT: 5.542 min Scan# 917
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

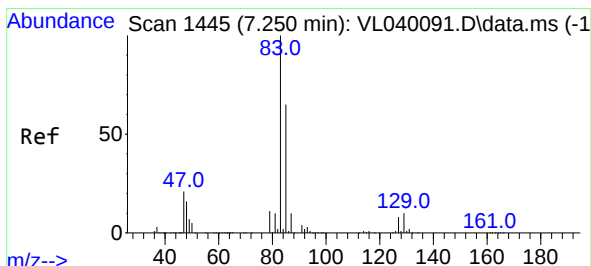
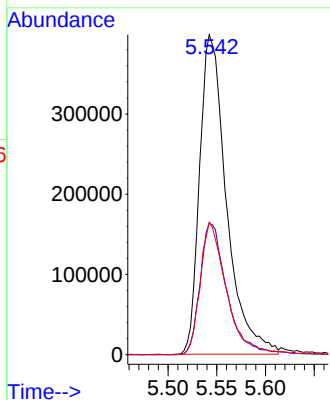
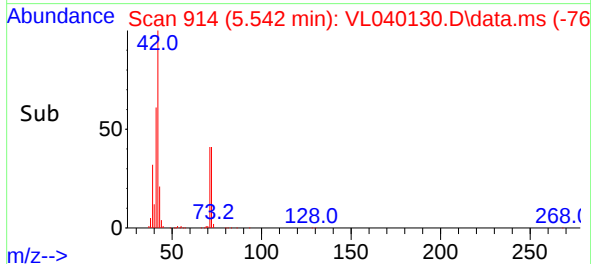
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



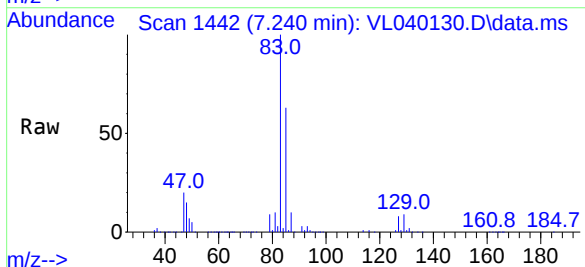
Tgt Ion: 42 Resp: 762560
Ion Ratio Lower Upper
42 100
72 41.5 31.9 47.9
71 40.8 31.4 47.2

Manual Integrations
APPROVED

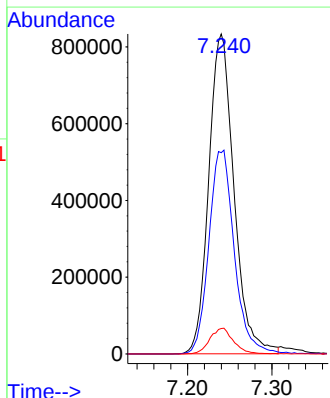
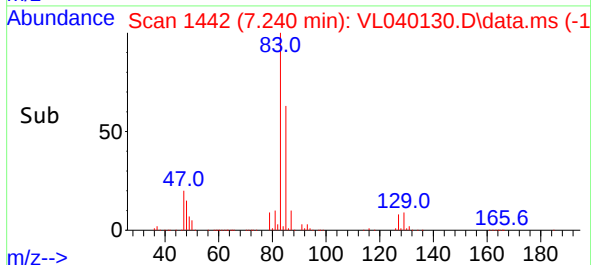
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

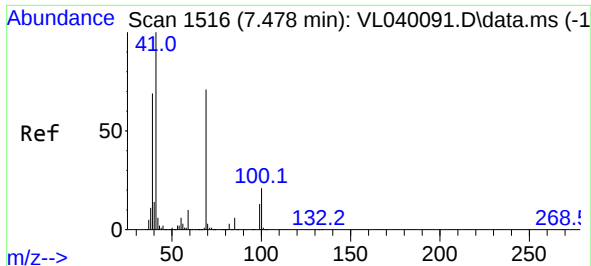


#42
Bromodichloromethane
Concen: 10.792 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



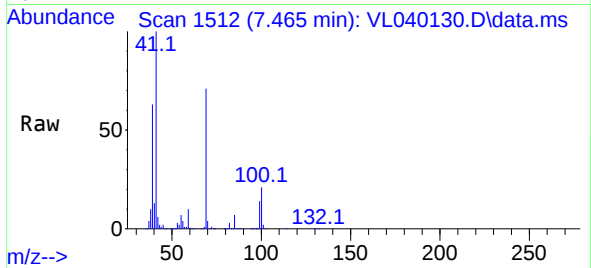
Tgt Ion: 83 Resp: 1735303
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5
127 8.0 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.761 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

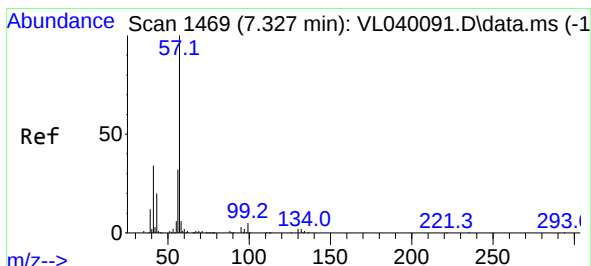
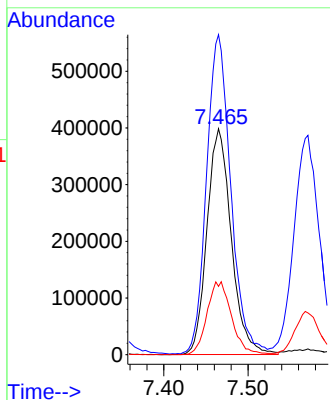
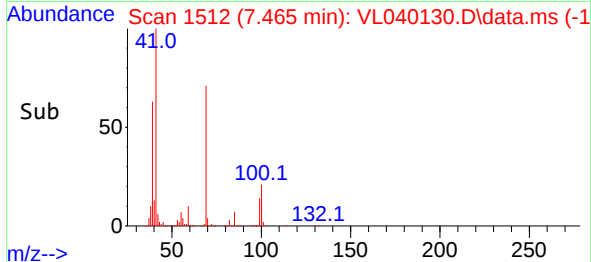
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



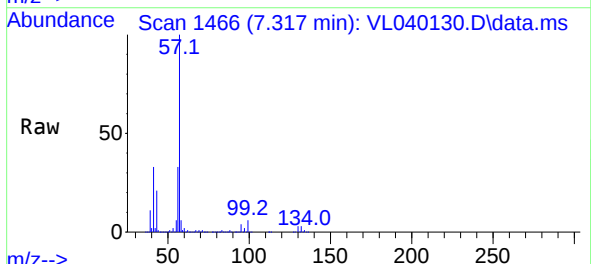
Tgt Ion: 69 Resp: 799584
Ion Ratio Lower Upper
69 100
41 141.6 118.2 177.2
100 32.6 24.2 36.4

Manual Integrations
APPROVED

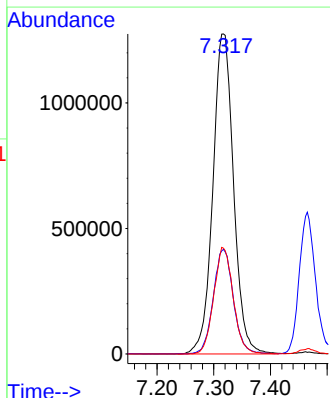
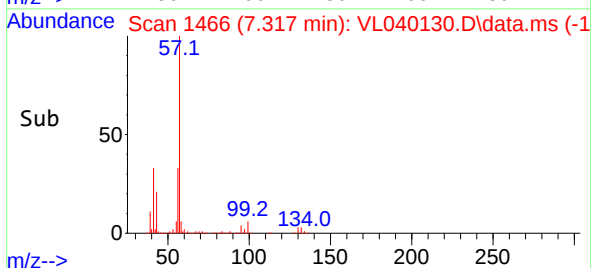
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

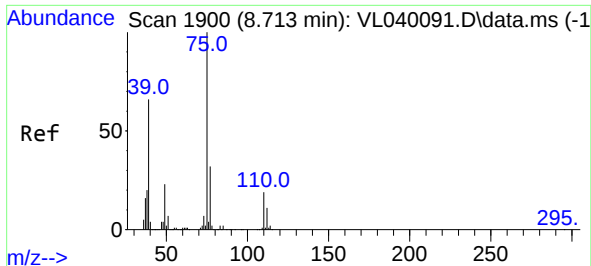


#44
2,2,4-Trimethylpentane
Concen: 10.503 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion: 57 Resp: 3235881
Ion Ratio Lower Upper
57 100
41 31.7 27.1 40.7
56 31.3 25.0 37.4





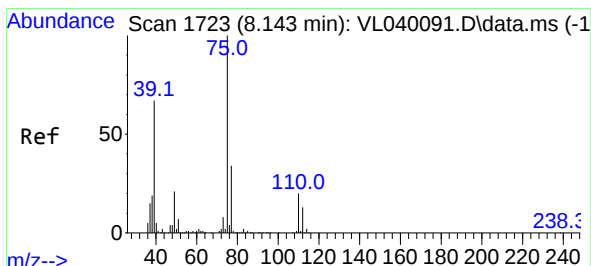
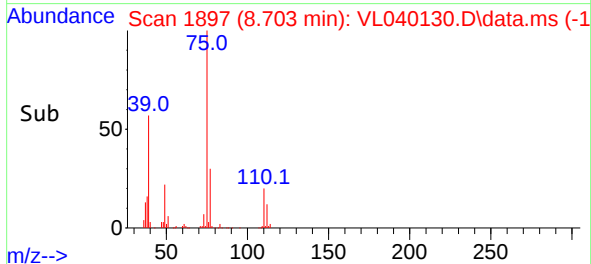
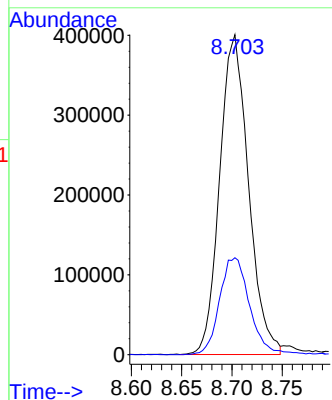
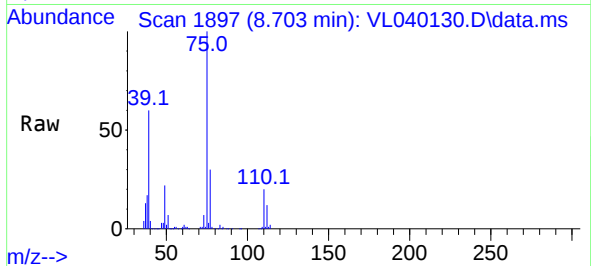
#45
t-1,3-Dichloropropene
Concen: 13.162 ppbv
RT: 8.703 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 75 Resp: 79794
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

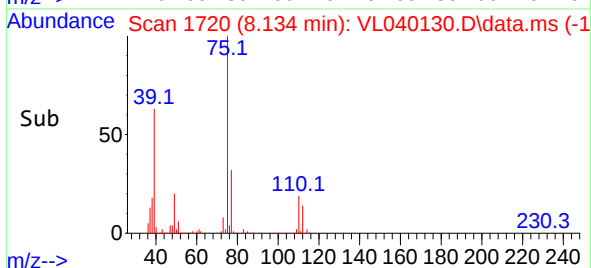
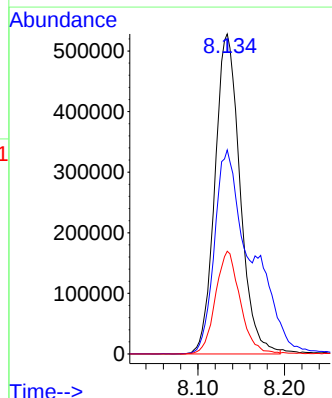
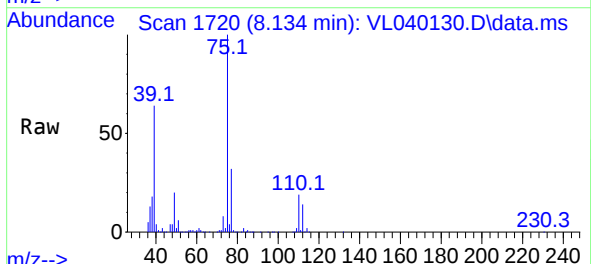
Manual Integrations
APPROVED

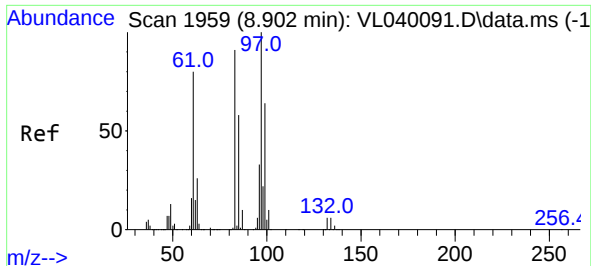
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#46
cis-1,3-Dichloropropene
Concen: 12.832 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 75 Resp: 1063037
Ion Ratio Lower Upper
75 100
39 63.7 53.6 80.4
77 32.1 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 10.887 ppbv

RT: 8.889 min Scan# 1959

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

VL0130ABS01

Tgt Ion: 97 Resp: 830672

Ion Ratio Lower Upper

97 100

83 90.6 72.9 109.3

85 56.9 46.0 69.0

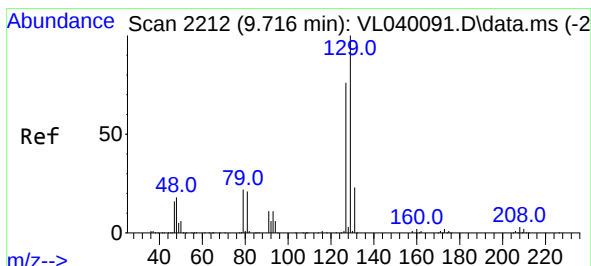
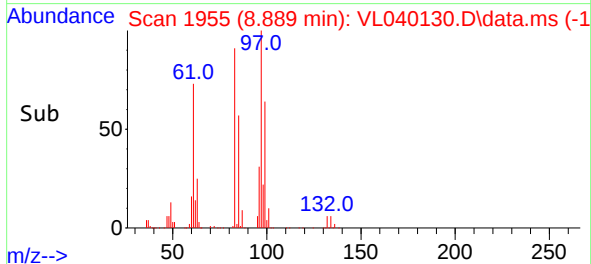
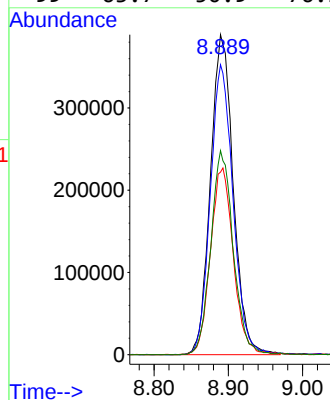
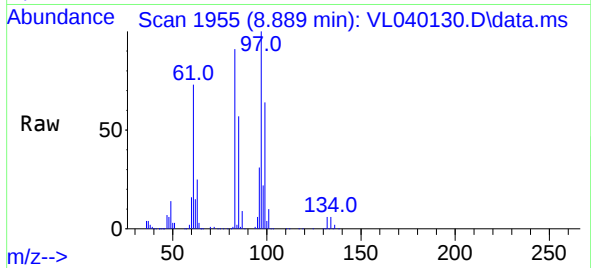
99 63.7 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#48

Dibromochloromethane

Concen: 11.989 ppbv

RT: 9.703 min Scan# 2208

Delta R.T. -0.013 min

Lab File: VL040130.D

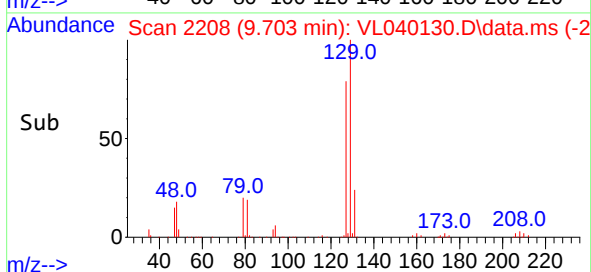
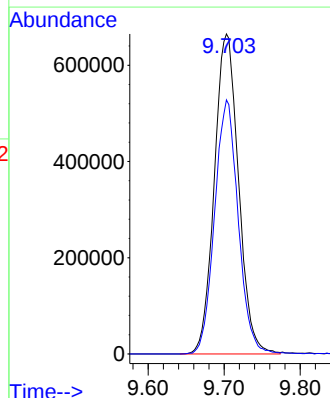
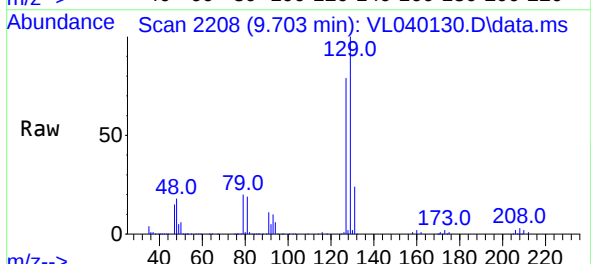
Acq: 30 Jan 2023 13:24

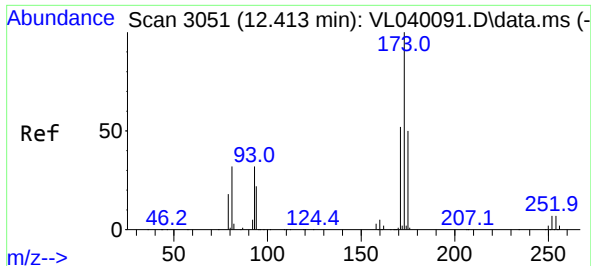
Tgt Ion:129 Resp: 1470113

Ion Ratio Lower Upper

129 100

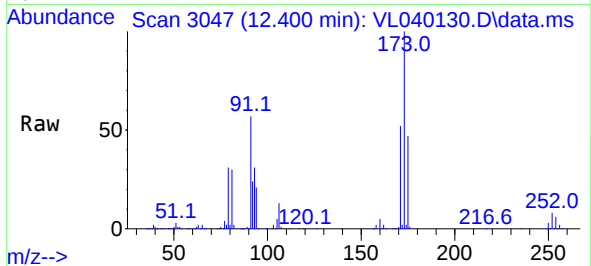
127 77.6 39.3 117.9





#49
Bromoform
Concen: 12.525 ppbv
RT: 12.400 min Scan# 3051
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

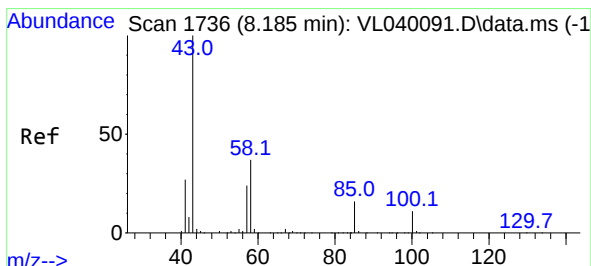
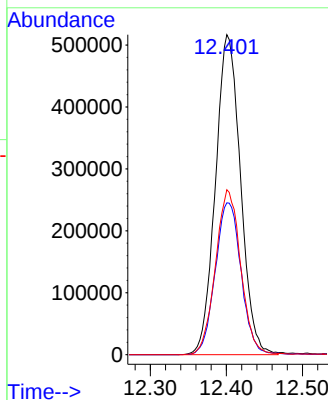
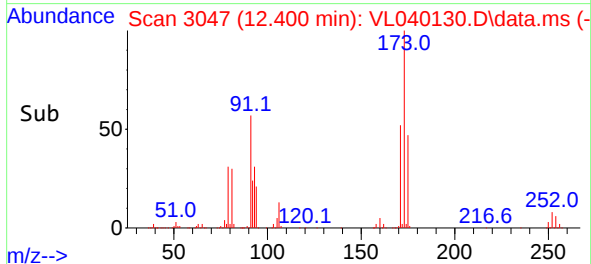
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



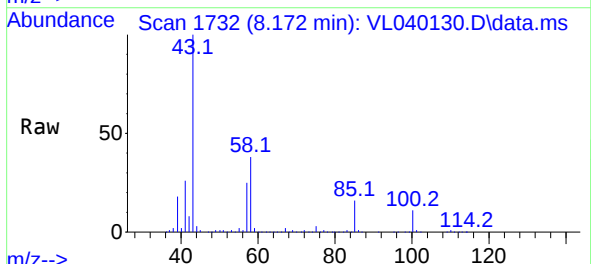
Tgt Ion:173 Resp: 1183138
Ion Ratio Lower Upper
173 100
175 49.3 39.7 59.5
171 52.1 42.2 63.2

Manual Integrations
APPROVED

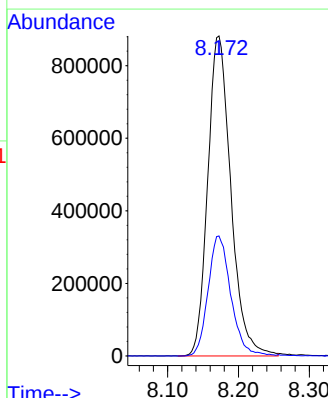
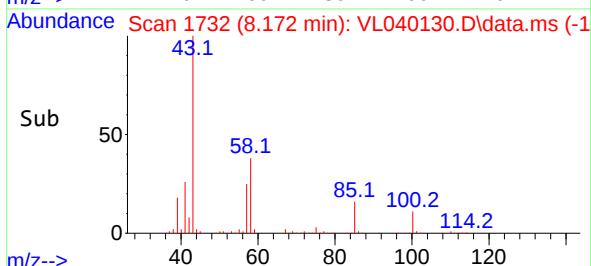
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

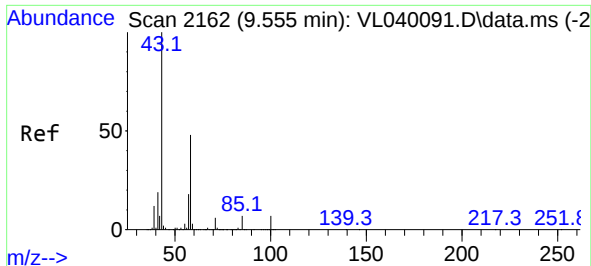


#50
4-Methyl-2-Pentanone
Concen: 10.732 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



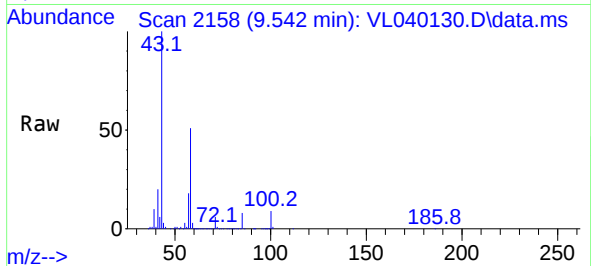
Tgt Ion: 43 Resp: 1998945
Ion Ratio Lower Upper
43 100
58 37.1 28.8 43.2





#51
2-Hexanone
Concen: 11.297 ppbv
RT: 9.542 min Scan# 2162
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

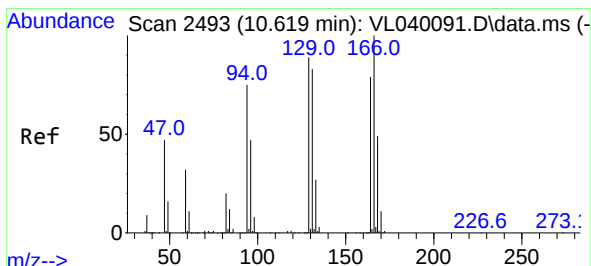
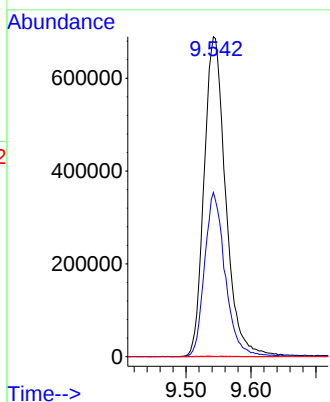
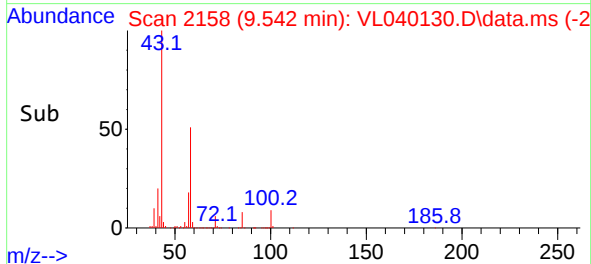
Instrument : MSVOA_L
ClientSampleId : VL0130ABS01



Tgt Ion: 43 Resp: 159415
Ion Ratio Lower Upper
43 100
58 49.4 37.5 56.3
98 0.3 0.4 0.6

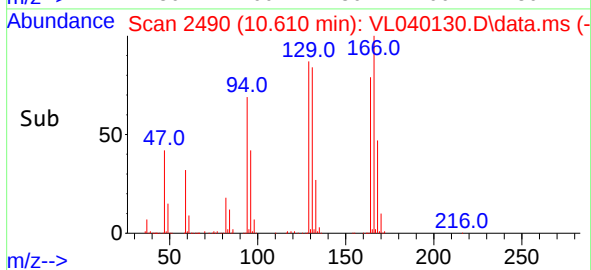
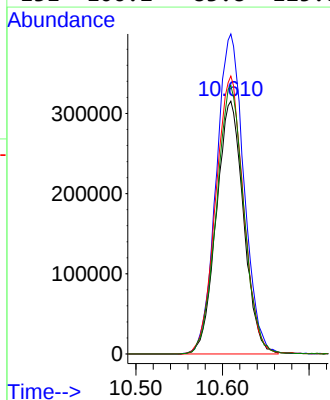
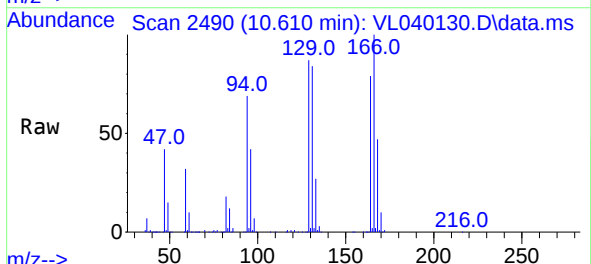
Manual Integrations
APPROVED

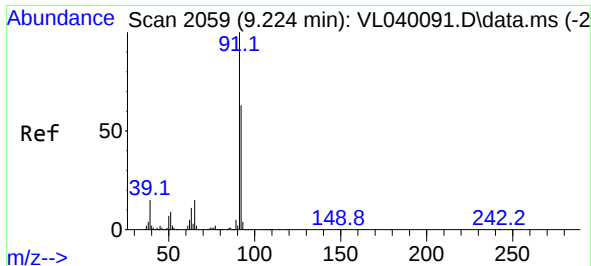
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#52
Tetrachloroethene
Concen: 11.375 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion:164 Resp: 689409
Ion Ratio Lower Upper
164 100
166 126.6 101.2 151.8
129 109.9 90.2 135.2
131 106.2 83.8 125.8





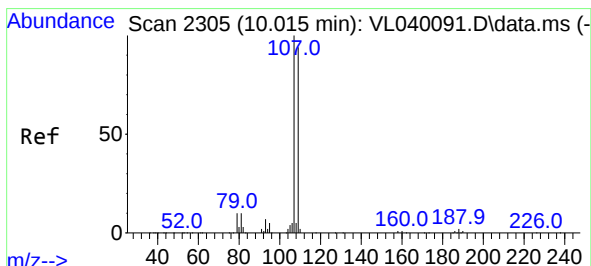
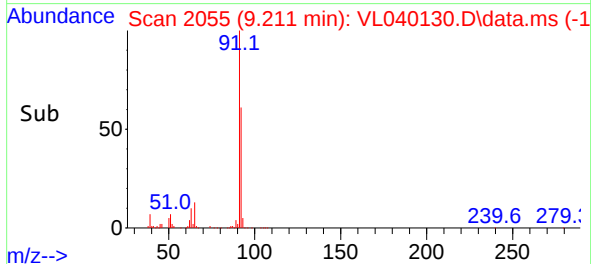
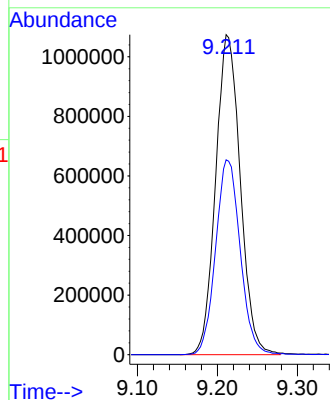
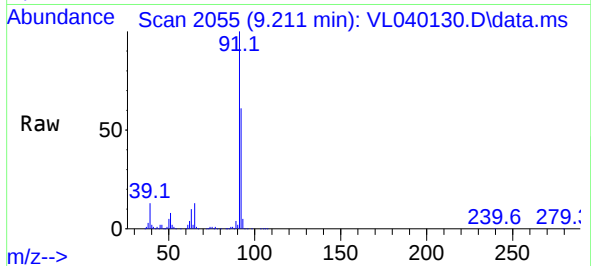
#53
Toluene
Concen: 11.618 ppbv
RT: 9.211 min Scan# 2055
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 91 Resp: 2295779
Ion Ratio Lower Upper
91 100
92 60.9 48.3 72.5

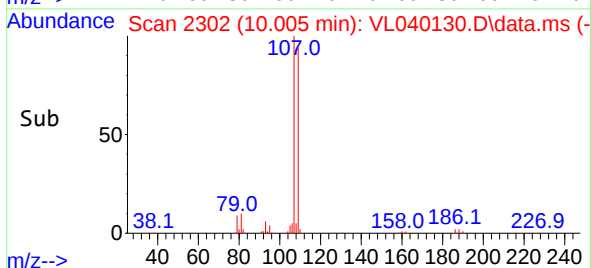
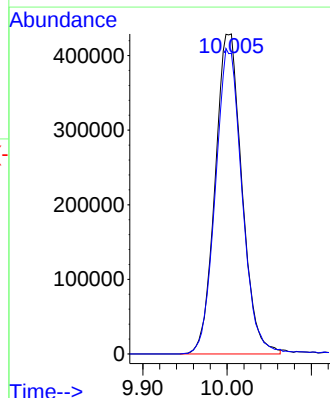
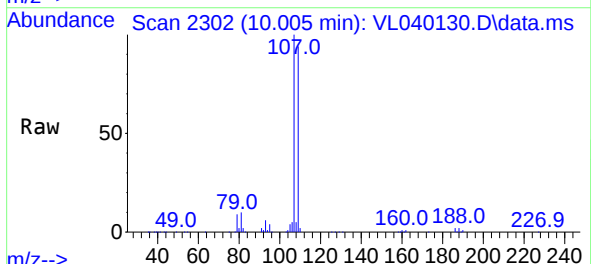
Manual Integrations
APPROVED

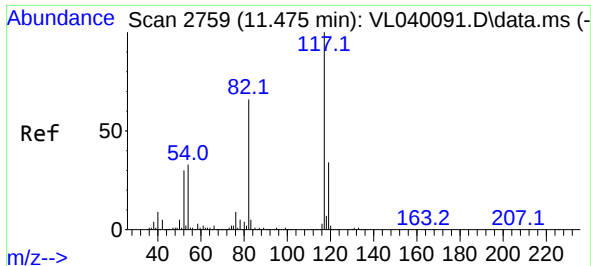
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#54
1,2-Dibromoethane
Concen: 11.854 ppbv
RT: 10.005 min Scan# 2302
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

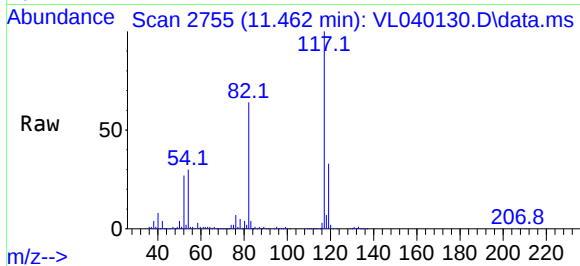
Tgt Ion:107 Resp: 946837
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

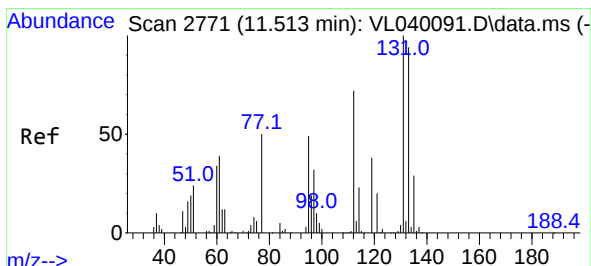
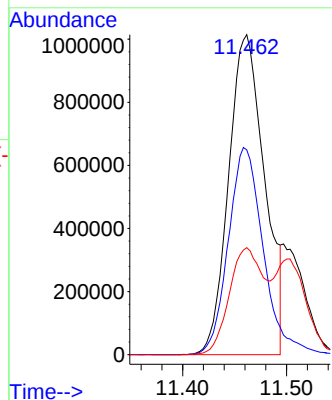
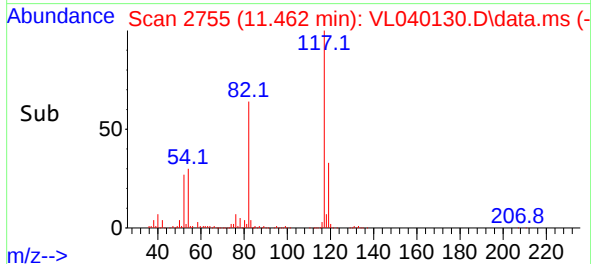
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



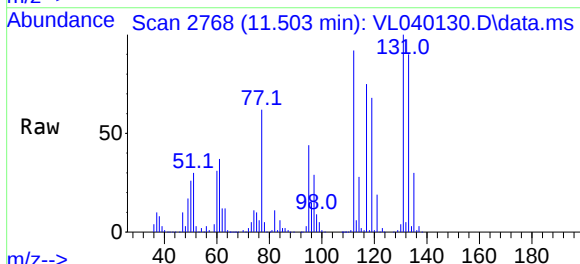
Tgt Ion:117 Resp: 2444610
Ion Ratio Lower Upper
117 100
82 63.3 54.4 81.6
119 30.6 26.8 40.2

Manual Integrations
APPROVED

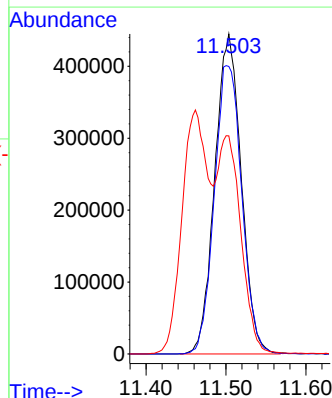
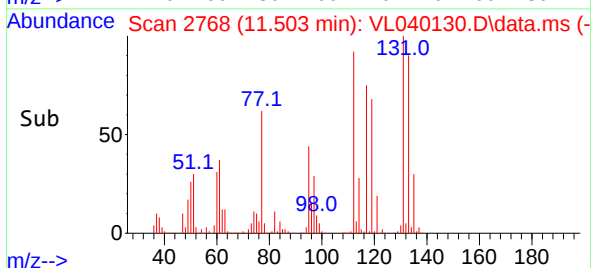
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

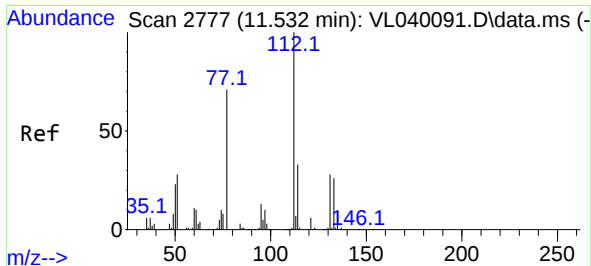


#56
1,1,1,2-Tetrachloroethane
Concen: 10.726 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



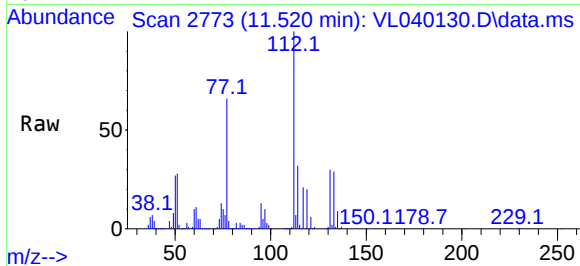
Tgt Ion:131 Resp: 1020571
Ion Ratio Lower Upper
131 100
133 93.9 75.6 113.4
119 61.9 47.2 70.8





#57
Chlorobenzene
Concen: 10.705 ppbv
RT: 11.520 min Scan# 2111
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

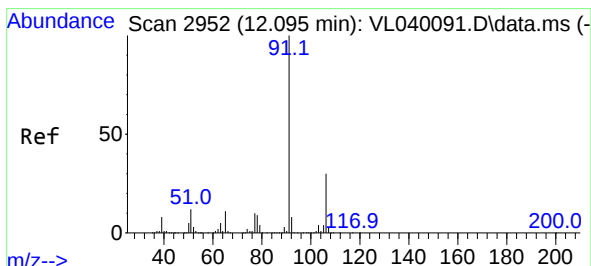
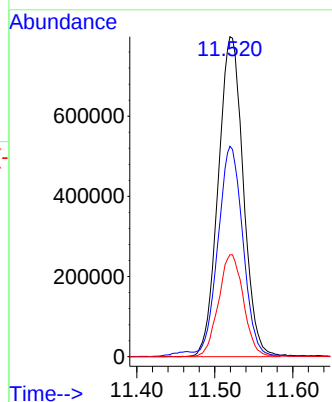
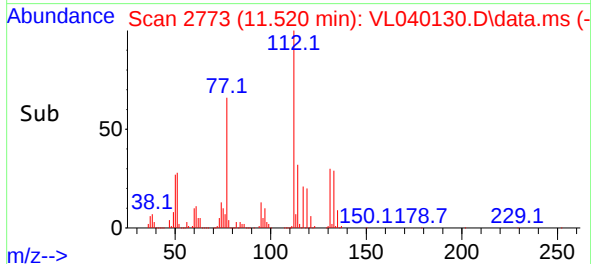
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



Tgt Ion:112 Resp: 178378
Ion Ratio Lower Upper
112 100
77 65.3 57.3 85.9
114 31.9 29.6 36.2

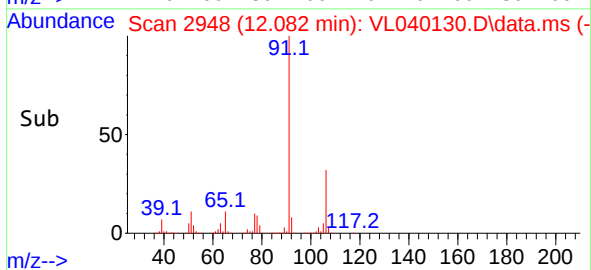
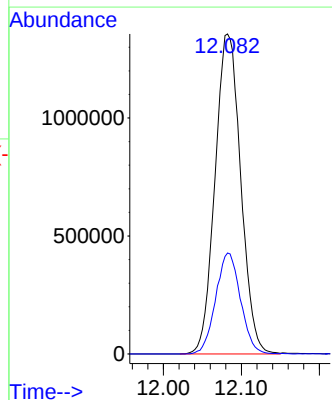
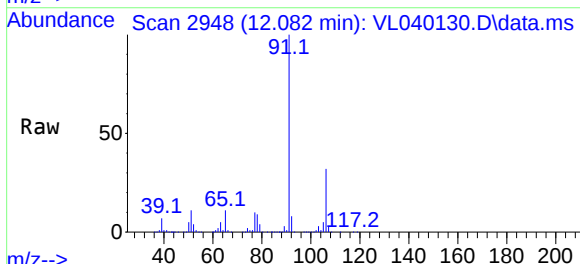
Manual Integrations
APPROVED

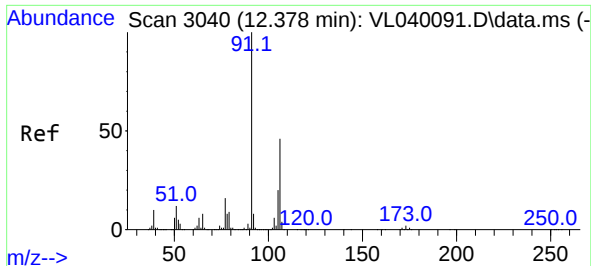
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#58
Ethyl Benzene
Concen: 11.399 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 91 Resp: 3109801
Ion Ratio Lower Upper
91 100
106 31.6 23.7 35.5





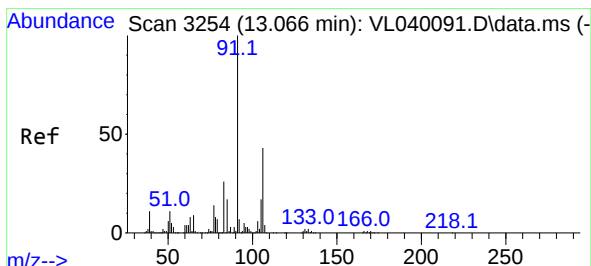
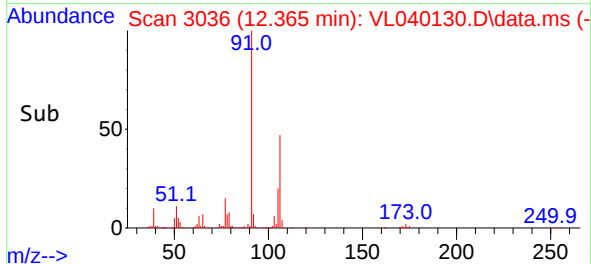
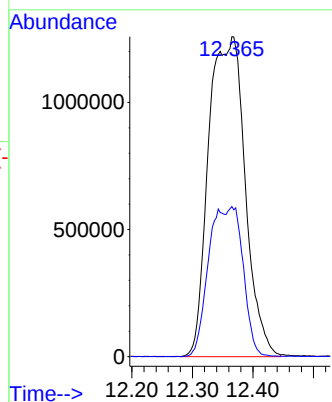
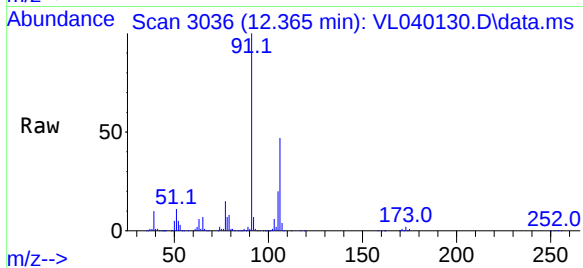
#59
m/p-Xylene
Concen: 21.410 ppbv m
RT: 12.365 min Scan# 3040
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 91 Resp: 5251772
Ion Ratio Lower Upper
91 100
106 44.3 34.2 51.4

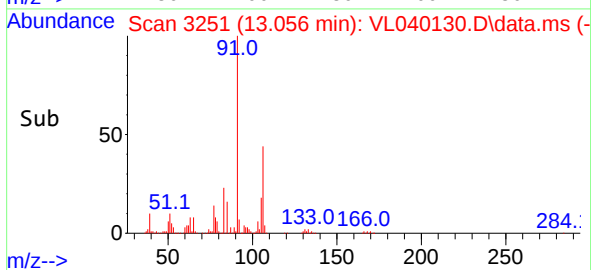
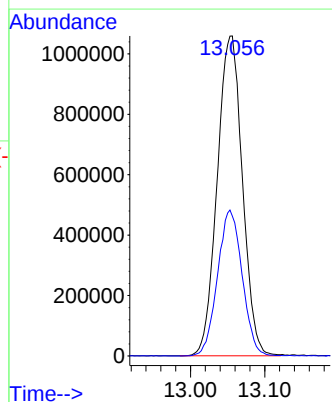
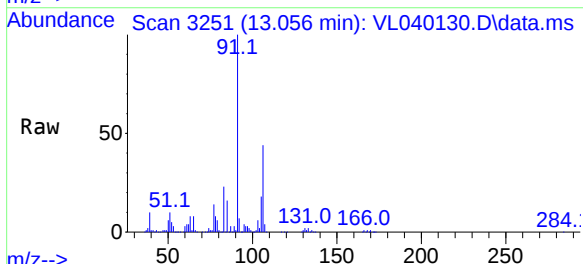
Manual Integrations
APPROVED

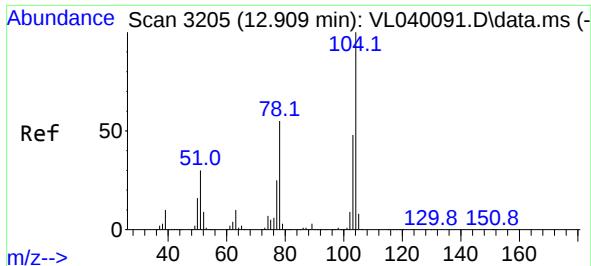
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#60
o-Xylene
Concen: 10.732 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

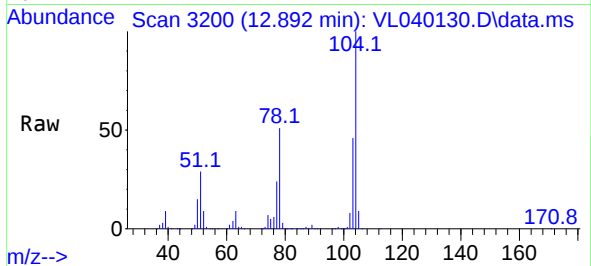
Tgt Ion: 91 Resp: 2498769
Ion Ratio Lower Upper
91 100
106 44.7 21.6 64.8





#61
Styrene
Concen: 12.362 ppbv
RT: 12.892 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

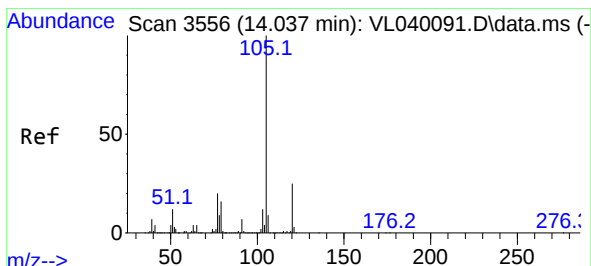
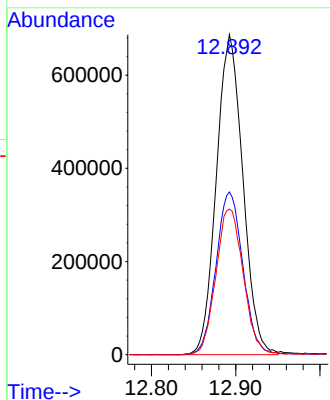
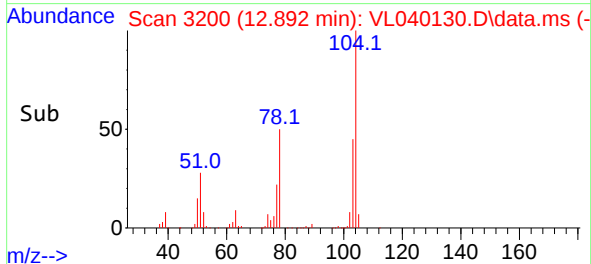
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



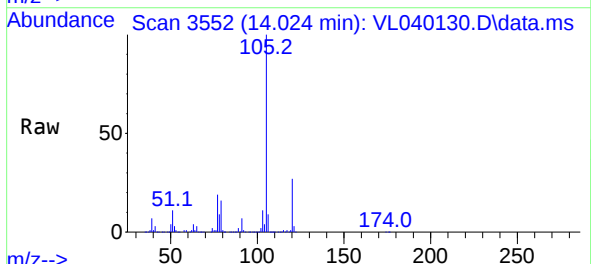
Tgt Ion:104 Resp: 1499825
Ion Ratio Lower Upper
104 100
78 51.8 44.0 66.0
103 47.1 37.8 56.6

Manual Integrations
APPROVED

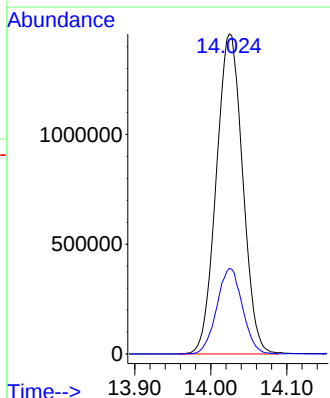
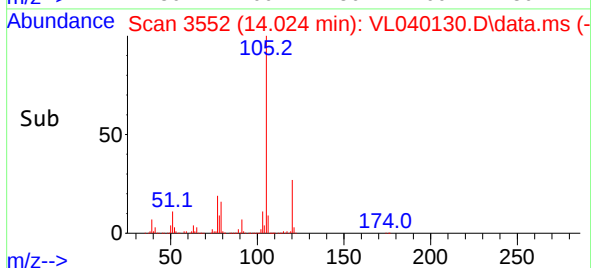
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

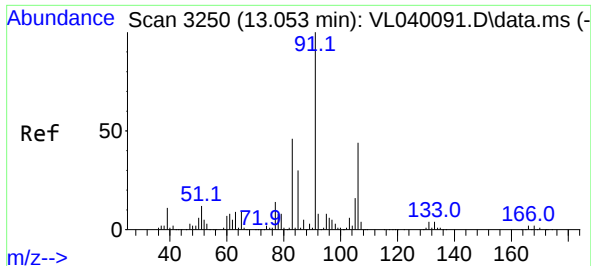


#62
Isopropylbenzene
Concen: 10.481 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



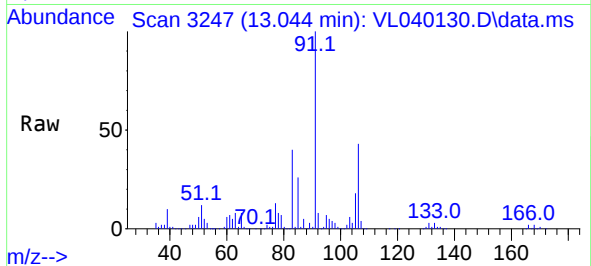
Tgt Ion:105 Resp: 3509841
Ion Ratio Lower Upper
105 100
120 26.0 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.845 ppbv
RT: 13.044 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

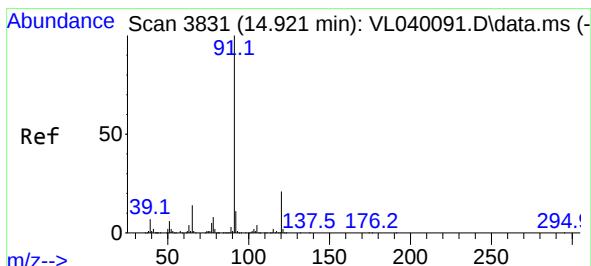
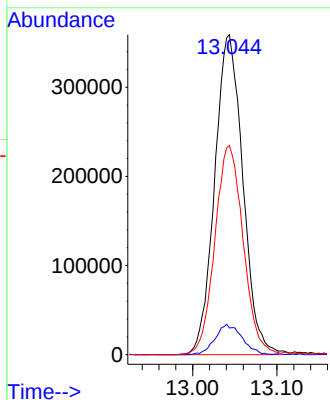
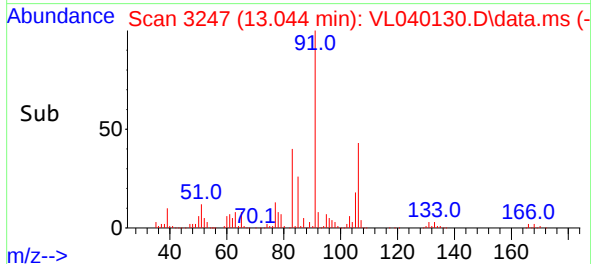
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



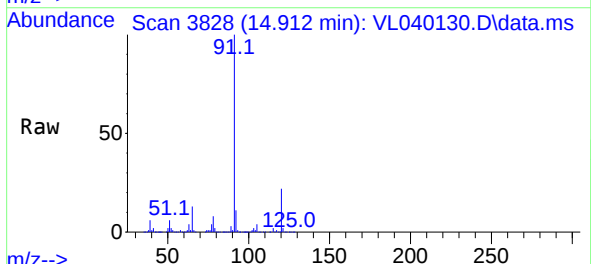
Tgt Ion: 83 Resp: 832268
Ion Ratio Lower Upper
83 100
131 9.2 4.3 13.1
85 66.0 32.5 97.5

Manual Integrations
APPROVED

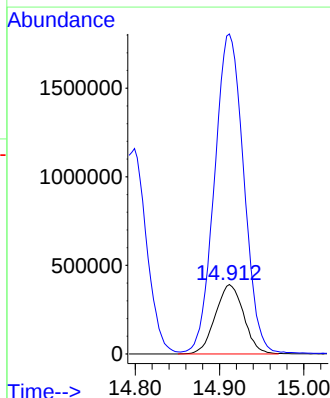
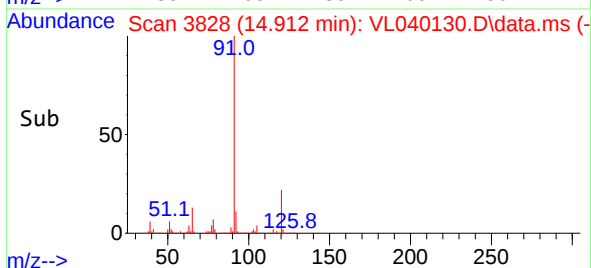
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

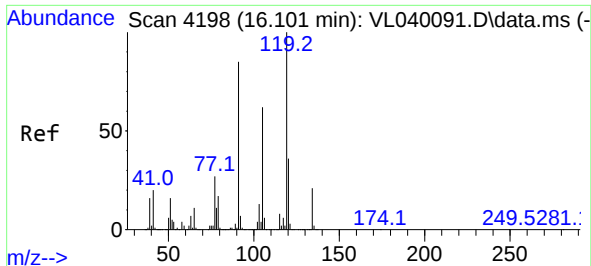


#64
n-propylbenzene
Concen: 10.986 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



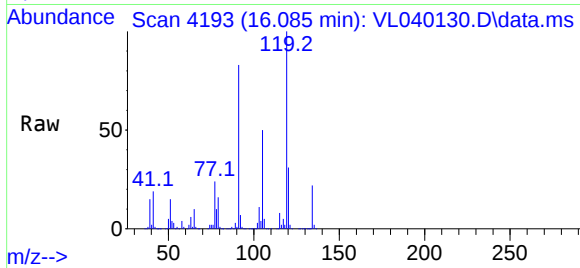
Tgt Ion:120 Resp: 914595
Ion Ratio Lower Upper
120 100
91 479.9 397.0 595.4





#65
tert-Butylbenzene
Concen: 10.691 ppbv
RT: 16.085 min Scan# 41
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

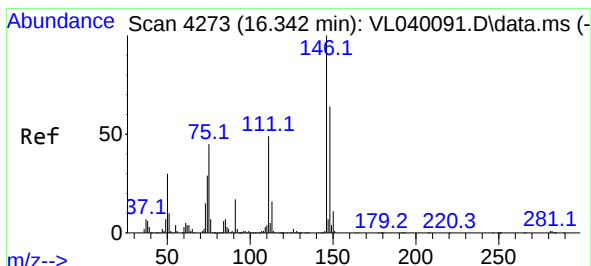
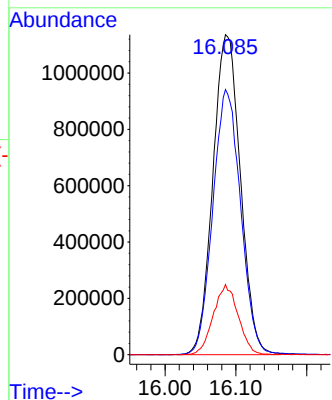
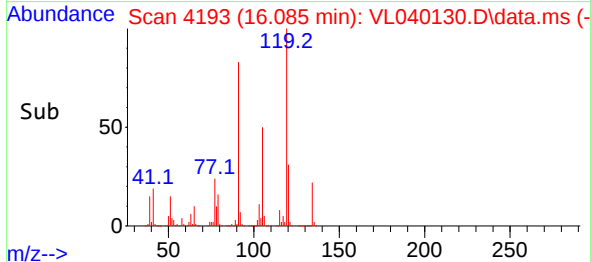
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



Tgt Ion: 119 Resp: 306535
Ion Ratio Lower Upper
119 100
91 83.7 69.5 104.3
134 19.9 15.8 23.8

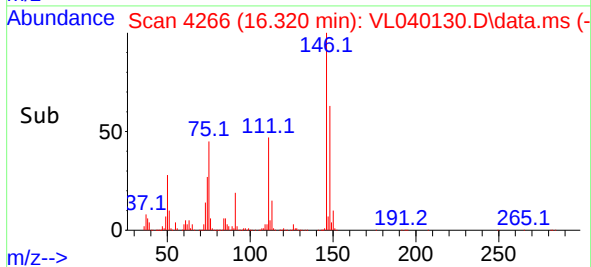
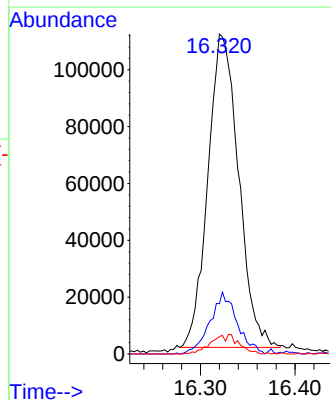
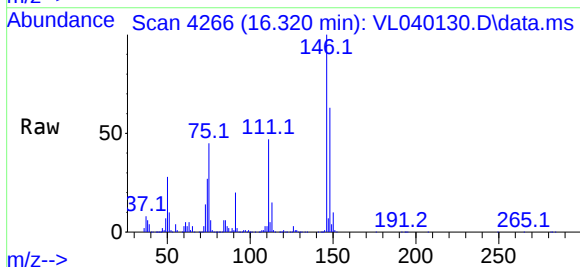
Manual Integrations
APPROVED

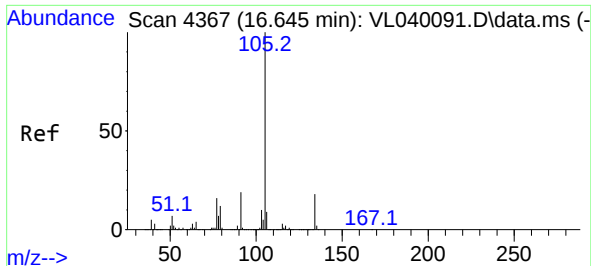
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#66
Benzyl Chloride
Concen: 12.682 ppbv
RT: 16.320 min Scan# 4266
Delta R.T. -0.023 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 91 Resp: 248506
Ion Ratio Lower Upper
91 100
126 17.9 11.5 17.3#
128 5.7 0.0 0.0#





#67

sec-Butylbenzene

Concen: 10.525 ppbv

RT: 16.632 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

Instrument :

MSVOA_L

ClientSampleId :

VL0130ABS01

Tgt Ion:105 Resp: 4277990

Ion Ratio Lower Upper

105 100

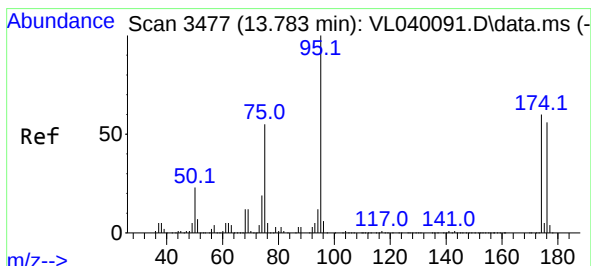
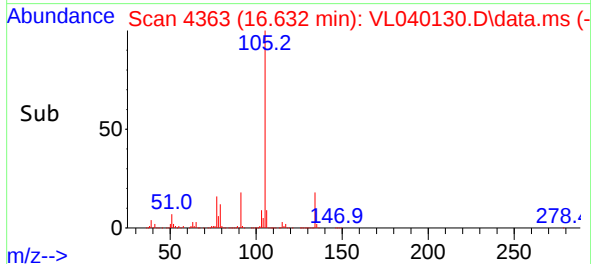
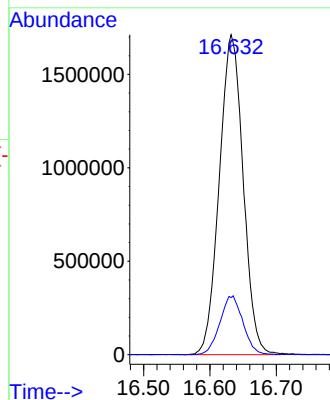
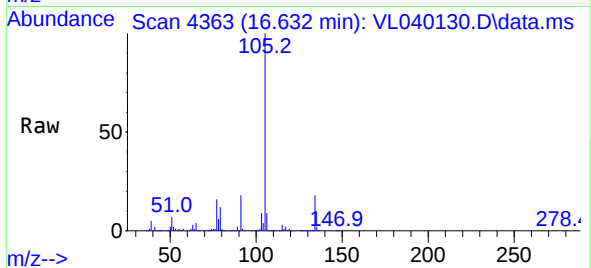
134 17.8 14.1 21.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023

Supervised By :Mahesh Dadoda 01/31/2023



#68

1-Bromo-4-Fluorobenzene

Concen: 9.336 ppbv

RT: 13.770 min Scan# 3473

Delta R.T. -0.013 min

Lab File: VL040130.D

Acq: 30 Jan 2023 13:24

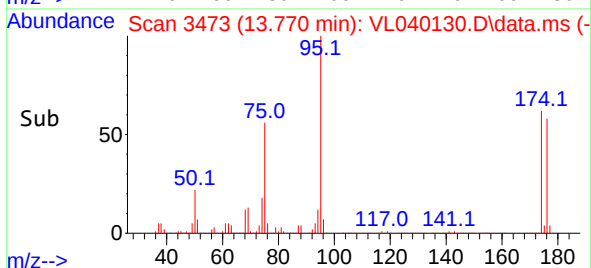
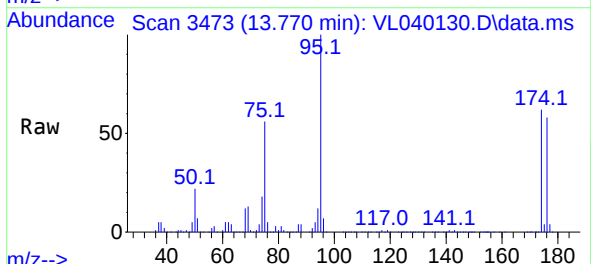
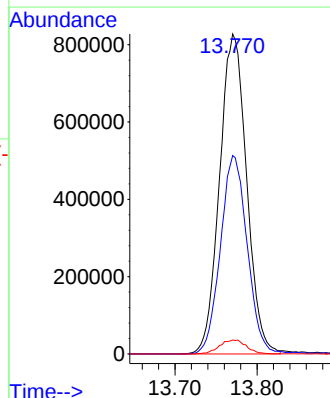
Tgt Ion: 95 Resp: 1896866

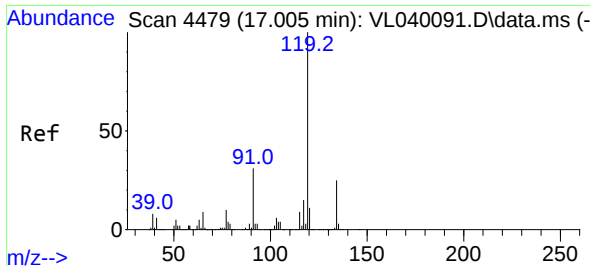
Ion Ratio Lower Upper

95 100

174 62.0 47.7 71.5

175 4.4 3.4 5.2





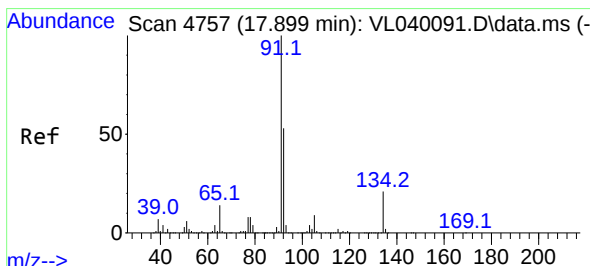
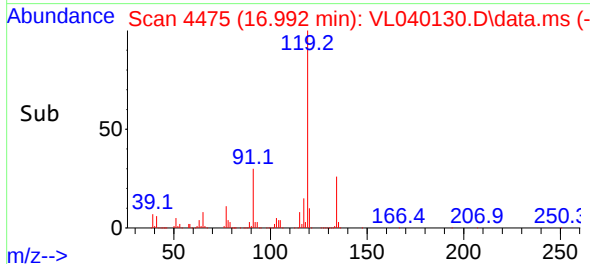
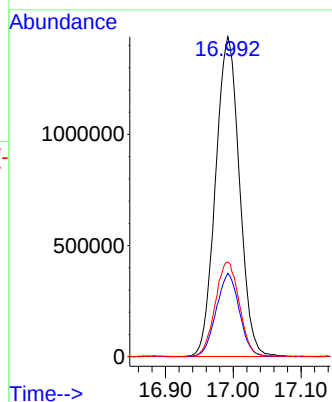
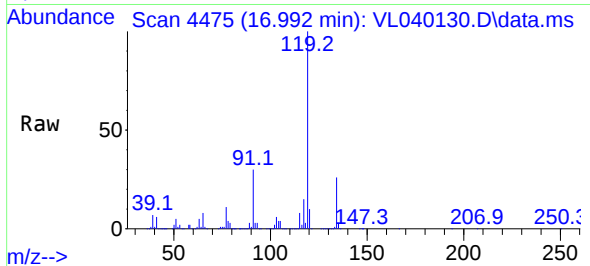
#69
p-Isopropyltoluene
Concen: 11.014 ppbv
RT: 16.992 min Scan# 4475
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion:119 Resp: 351818
Ion Ratio Lower Upper
119 100
134 25.4 20.1 30.1
91 30.0 25.0 37.4

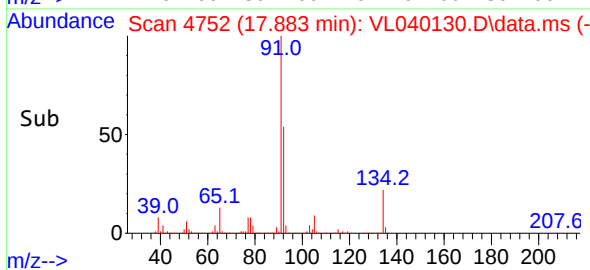
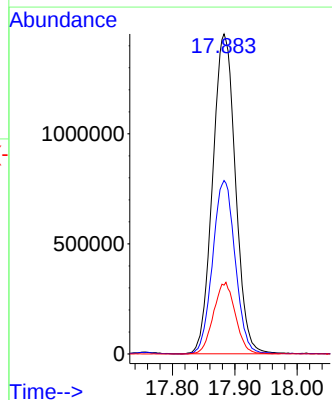
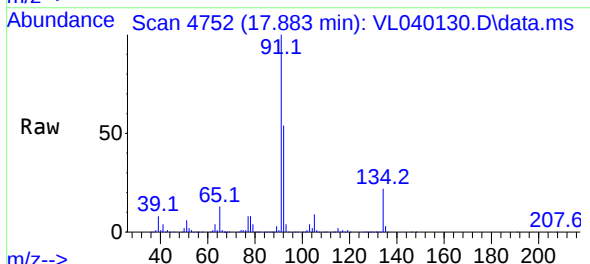
Manual Integrations
APPROVED

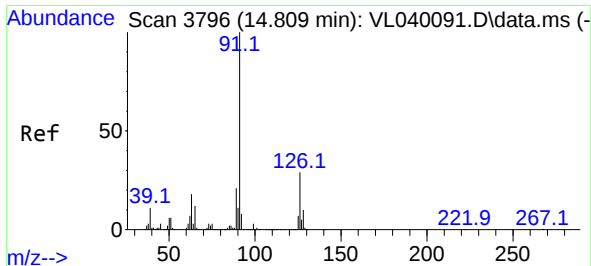
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#70
n-Butylbenzene
Concen: 10.722 ppbv
RT: 17.883 min Scan# 4752
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Tgt Ion: 91 Resp: 3693410
Ion Ratio Lower Upper
91 100
92 53.7 42.8 64.2
134 21.6 16.9 25.3





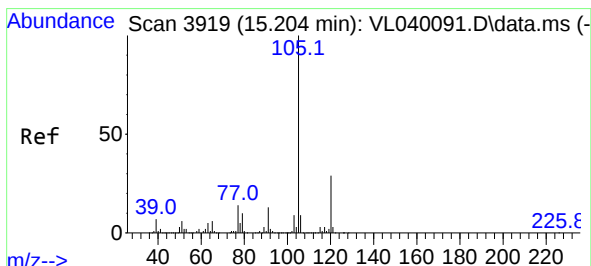
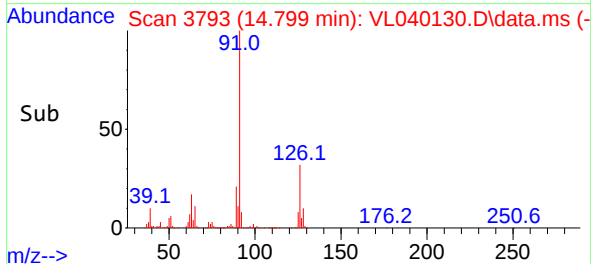
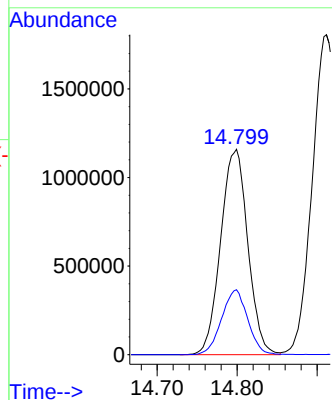
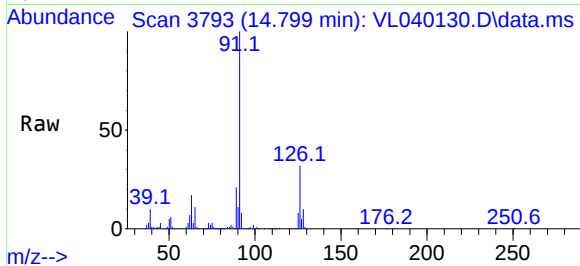
#71
2-Chlorotoluene
Concen: 10.606 ppbv
RT: 14.799 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion: 91 Resp: 273158
Ion Ratio Lower Upper
91 100
126 30.6 11.9 47.5

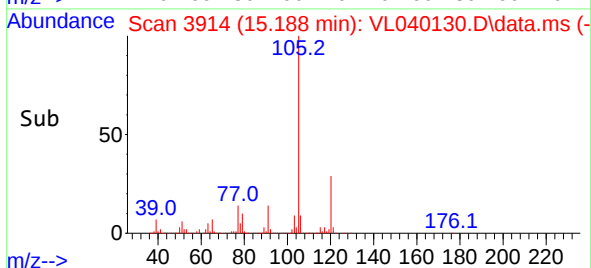
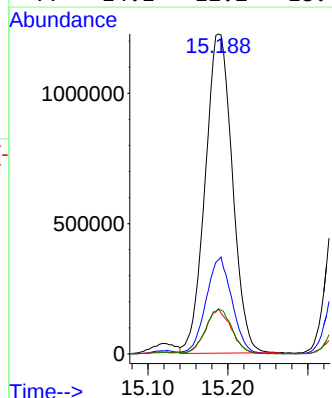
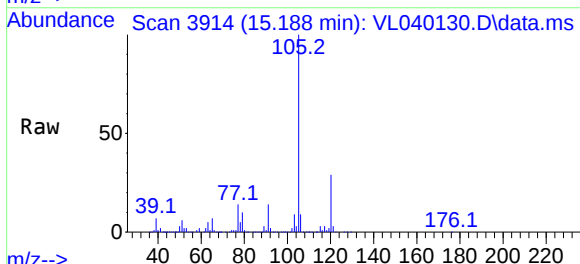
Manual Integrations
APPROVED

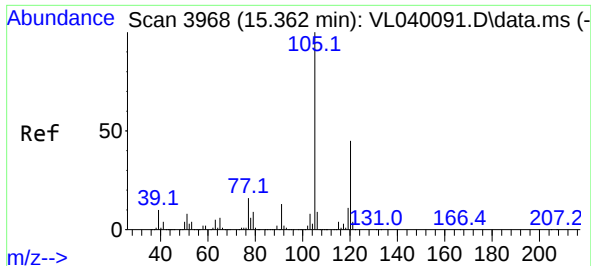
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#72
4-Ethyltoluene
Concen: 11.188 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

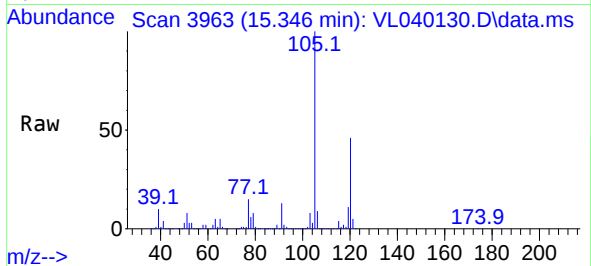
Tgt Ion:105 Resp: 2890605
Ion Ratio Lower Upper
105 100
120 29.1 23.1 34.7
91 14.1 11.2 16.8
77 14.1 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 10.841 ppbv
RT: 15.346 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

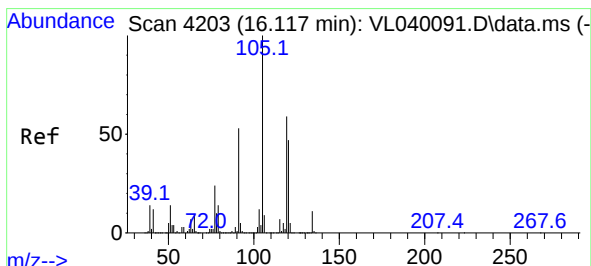
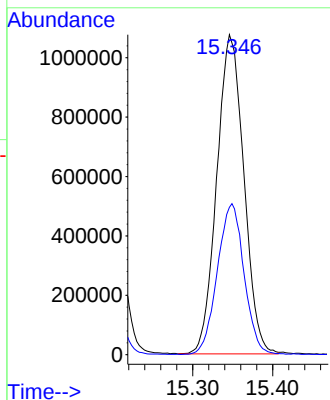
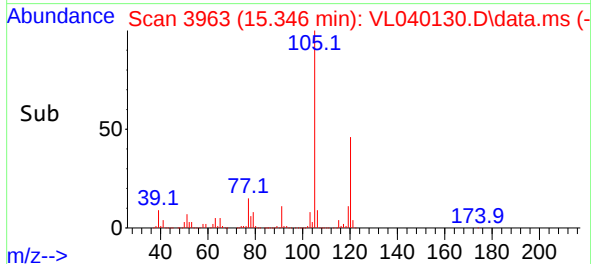
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



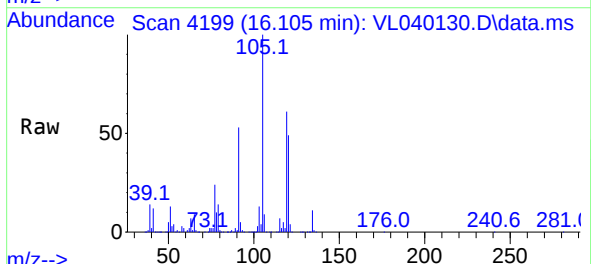
Tgt Ion:105 Resp: 2521920
Ion Ratio Lower Upper
105 100
120 46.1 36.2 54.4

Manual Integrations
APPROVED

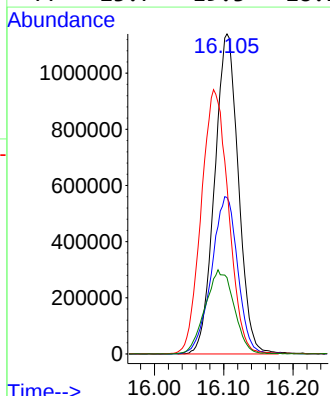
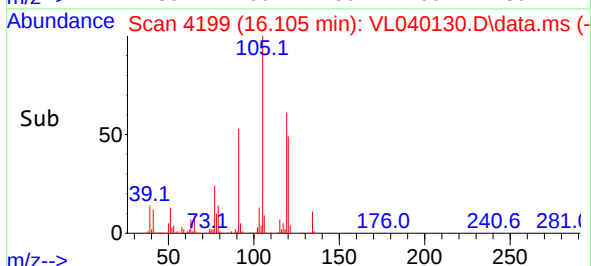
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

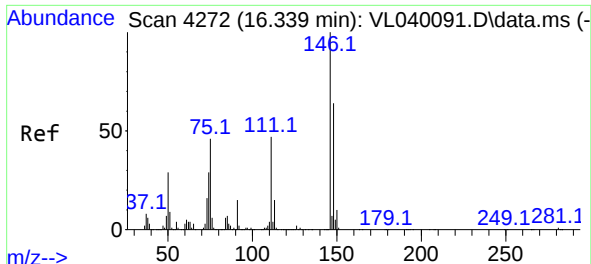


#74
1,2,4-Trimethylbenzene
Concen: 10.563 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion:105 Resp: 2721876
Ion Ratio Lower Upper
105 100
120 48.8 38.0 57.0
91 52.5 42.1 63.1
77 23.7 19.3 28.9





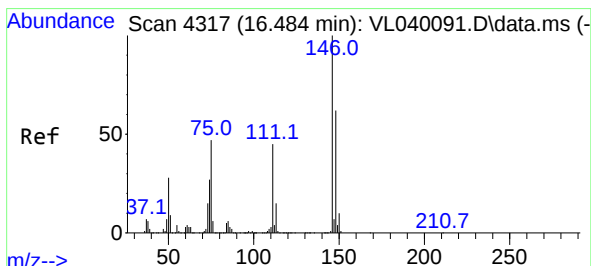
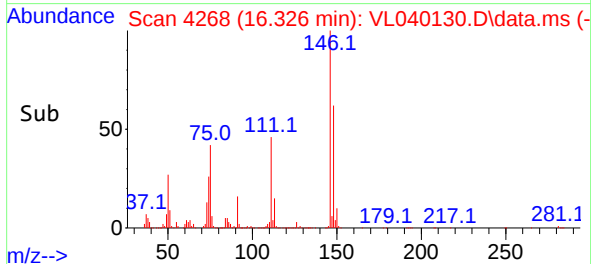
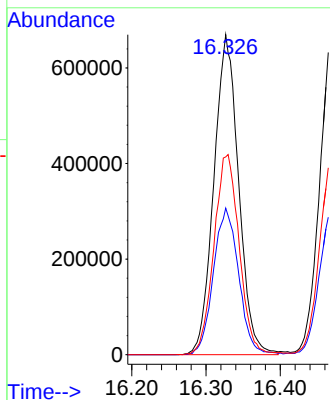
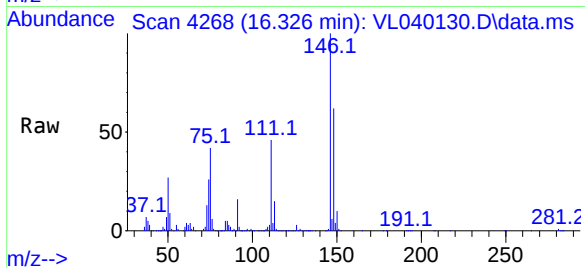
#75
1,3-Dichlorobenzene
Concen: 10.828 ppbv
RT: 16.326 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion:146 Resp: 1549624
Ion Ratio Lower Upper
146 100
111 46.9 24.3 73.0
148 64.1 32.3 96.8

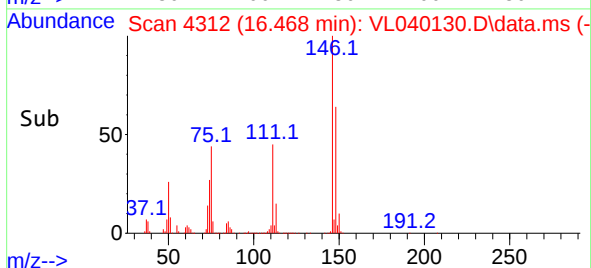
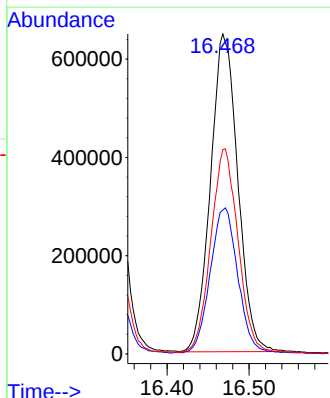
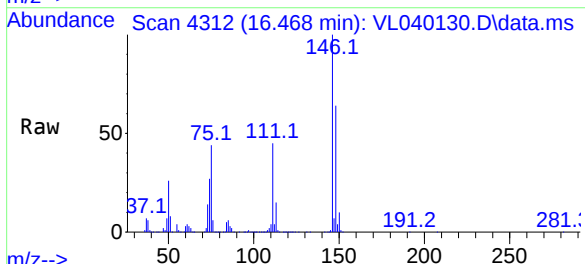
Manual Integrations
APPROVED

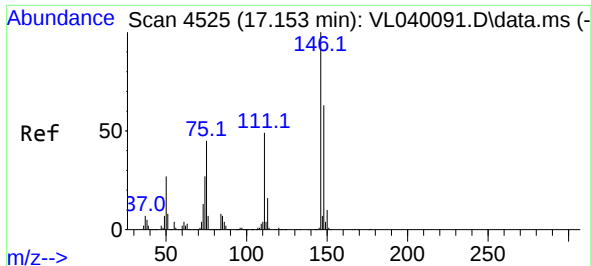
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#76
1,4-Dichlorobenzene
Concen: 10.654 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

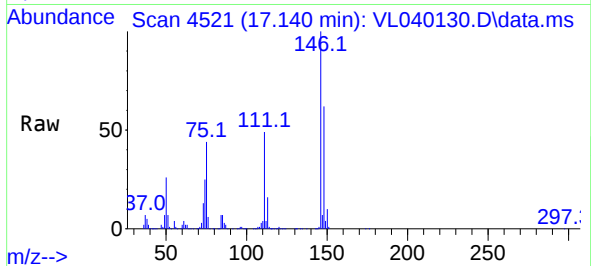
Tgt Ion:146 Resp: 1499250
Ion Ratio Lower Upper
146 100
111 46.8 23.8 71.2
148 65.6 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 10.550 ppbv
RT: 17.140 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

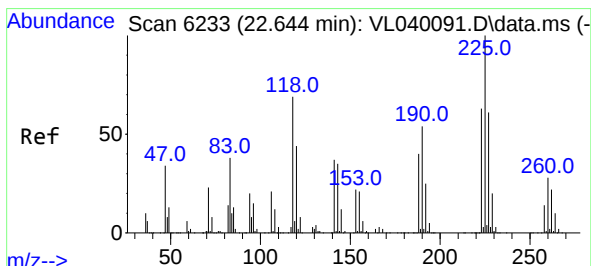
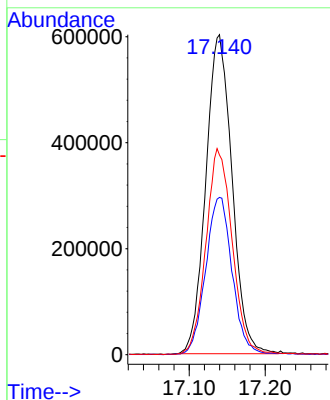
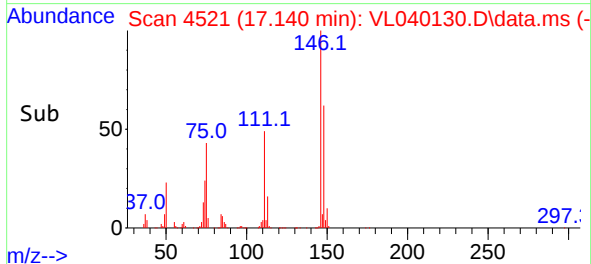
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



Tgt Ion:146 Resp: 1443930
Ion Ratio Lower Upper
146 100
111 49.8 25.1 75.2
148 64.8 32.4 97.0

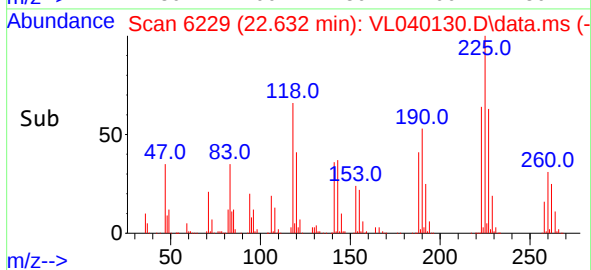
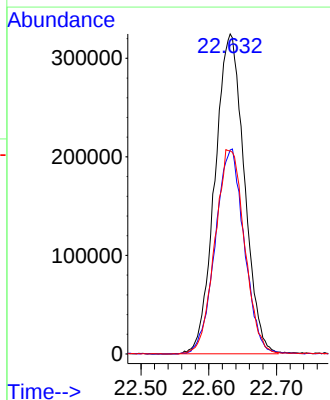
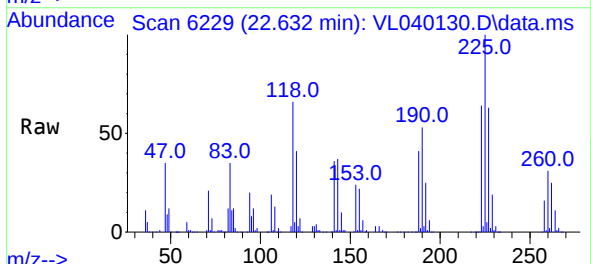
Manual Integrations
APPROVED

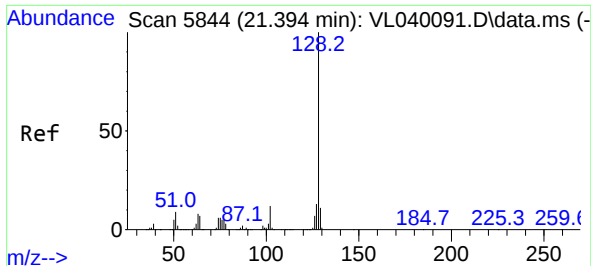
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023



#78
Hexachloro-1,3-Butadiene
Concen: 9.739 ppbv
RT: 22.632 min Scan# 6229
Delta R.T. -0.013 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

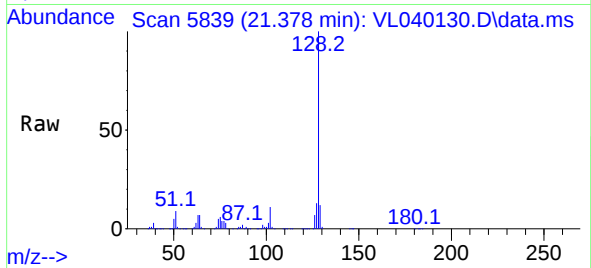
Tgt Ion:225 Resp: 976296
Ion Ratio Lower Upper
225 100
223 63.6 51.5 77.3
227 64.4 50.6 76.0





#79
Naphthalene
Concen: 13.807 ppbv
RT: 21.378 min Scan# 5839
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

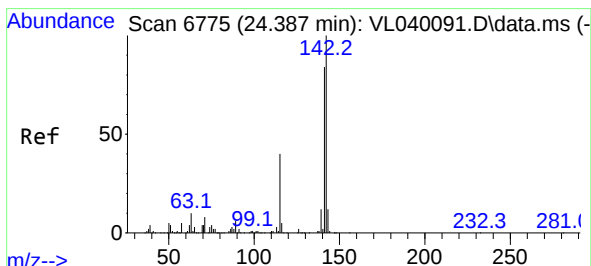
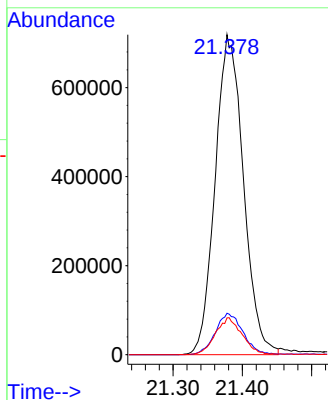
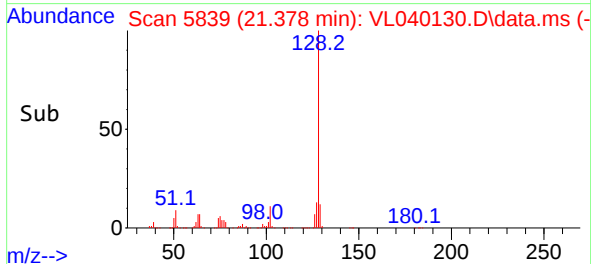
Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01



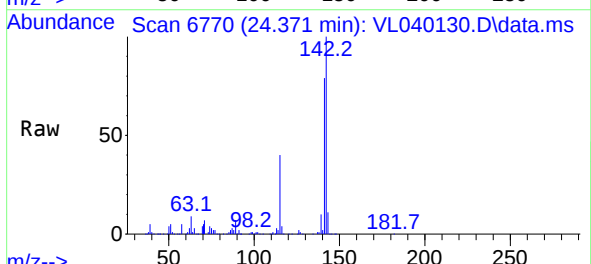
Tgt Ion:128 Resp: 203814
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.5 8.8 13.2

Manual Integrations
APPROVED

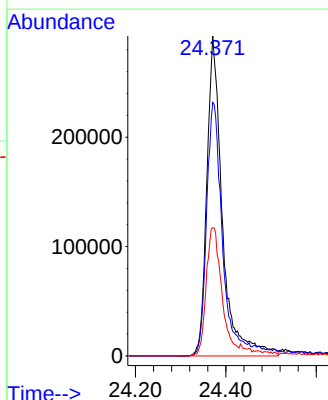
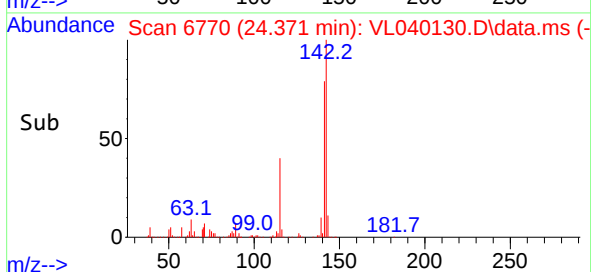
Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

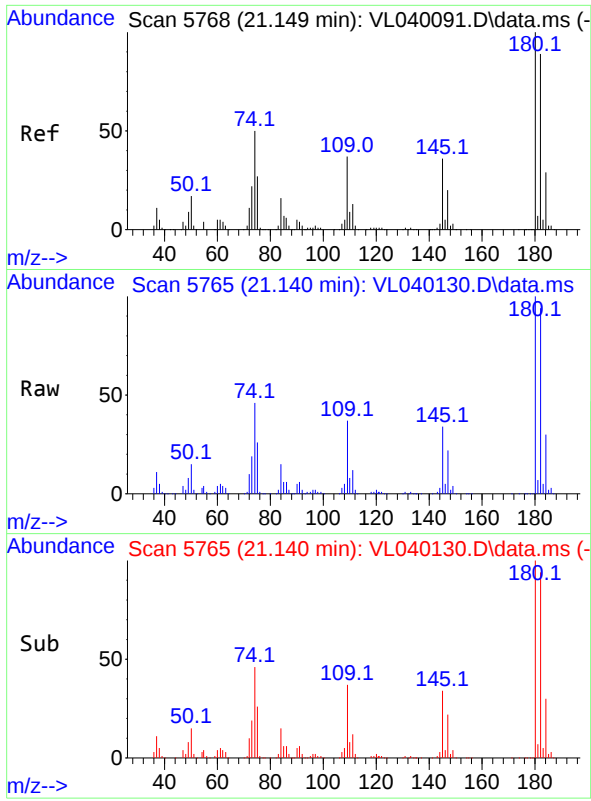


#80
Naphthalene,2-methyl-
Concen: 14.037 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. -0.016 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24



Tgt Ion:142 Resp: 698200
Ion Ratio Lower Upper
142 100
141 85.6 65.0 97.6
115 43.6 31.8 47.8





#81
1,2,4-Trichlorobenzene
Concen: 11.460 ppbv
RT: 21.140 min Scan# 51
Delta R.T. -0.010 min
Lab File: VL040130.D
Acq: 30 Jan 2023 13:24

Instrument :
MSVOA_L
ClientSampleId :
VL0130ABS01

Tgt Ion:180 Resp: 1042664
Ion Ratio Lower Upper
180 100
182 98.1 78.6 117.8
184 30.7 25.1 37.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/31/2023
Supervised By :Mahesh Dadoda 01/31/2023

