

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040286.D
 Acq On : 15 Mar 2023 16:20
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031523

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 16:50:04 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-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)

Internal Standards						
1) Bromochloromethane	5.195	49	1187692	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3064762	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	3023496	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2425639 9.580 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	2101867	9.020	ppbv	99
3) Chlorodifluoromethane	2.671	51	1307814	8.757	ppbv	97
4) Chloromethane	2.809	50	832775	9.030	ppbv	97
5) Vinyl Chloride	2.918	62	710244	9.511	ppbv	97
6) Bromomethane	3.118	94	230969	8.920	ppbv	97
7) Chloroethane	3.195	64	267678	9.337	ppbv	99
8) Dichlorotetrafluoroethane	2.854	85	1740639	8.726	ppbv	99
9) Propene	2.690	41	574177	10.035	ppbv	95
10) Heptane	7.584	43	1342871	9.758	ppbv	100
11) Trichlorofluoromethane	3.562	101	1750219	8.290	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.066	101	1314359	8.289	ppbv	96
13) Ethanol	3.246	45	30944m	7.374	ppbv	
14) Bromoethene	3.365	108	545310	9.219	ppbv	99
15) Acetone	3.465	43	1209870	8.367	ppbv	97
16) 1,3-Butadiene	2.983	39	648893	9.873	ppbv	99
17) tert-Butyl alcohol	3.873	59	1267084	9.220	ppbv	100
18) 1,1-Dichloroethene	3.880	96	602704	8.860	ppbv	97
19) Isopropyl Alcohol	3.571	45	570153	8.232	ppbv	98
20) Methylene Chloride	3.931	84	497416	8.177	ppbv	97
21) Allyl Chloride	3.996	41	901679	9.627	ppbv	98
22) trans-1,2-Dichloroethene	4.446	96	626486	9.049	ppbv	97
23) Vinyl Acetate	4.626	43	417223	10.372	ppbv #	95
24) 1,1-Dichloroethane	4.565	63	1279967	8.921	ppbv	98
25) Ethyl Acetate	5.205	43	2502740	9.245	ppbv	100
26) Hexane	5.214	57	1082876	9.745	ppbv	95
27) Carbon Disulfide	4.124	76	1524231	9.821	ppbv	99
28) Methyl tert-Butyl Ether	4.584	73	1193259	9.353	ppbv	99
29) Chloroform	5.275	83	1790770	9.127	ppbv	97
30) Cyclohexane	6.606	84	902069	10.302	ppbv	99
31) cis-1,2-Dichloroethene	5.079	61	976757	9.026	ppbv	98
32) 1,1,1-Trichloroethane	6.005	97	1784586	9.493	ppbv	99
34) 2-Butanone	4.787	43	1373554	9.081	ppbv	100
35) Carbon Tetrachloride	6.497	117	1838115	9.557	ppbv	98
36) Benzene	6.375	78	2259958	9.676	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1371038	9.019	ppbv	99
38) Trichloroethene	7.298	130	1307641	10.245	ppbv	99
39) 1,2-Dichloropropane	7.079	63	848832	9.263	ppbv	98
40) 1,4-Dioxane	7.294	88	319711m	8.819	ppbv	
41) Tetrahydrofuran	5.558	42	857687	9.825	ppbv	99
42) Bromodichloromethane	7.253	83	1938336	9.331	ppbv	98
43) Methyl Methacrylate	7.478	69	874247	10.072	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3719241	9.551	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	818774	10.821	ppbv	99

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Manual Integrations
 APPROVED

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 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 16:50:04 2023

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

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

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

Response via : Initial Calibration

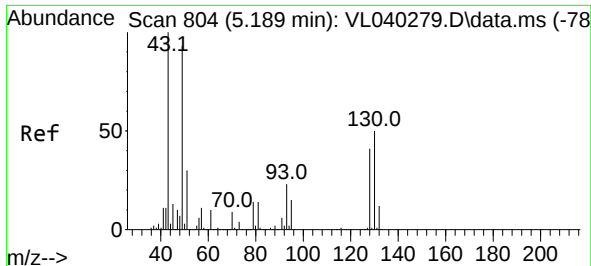
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	1148250	10.687	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	888354	9.086	ppbv	94
48) Dibromochloromethane	9.719	129	1501238	9.331	ppbv	99
49) Bromoform	12.420	173	1103689	9.133	ppbv	100
50) 4-Methyl-2-Pentanone	8.185	43	2231946	9.536	ppbv	99
51) 2-Hexanone	9.555	43	1707338	9.416	ppbv #	99
52) Tetrachloroethene	10.622	164	714768	10.115	ppbv	98
53) Toluene	9.230	91	2468854	10.087	ppbv	99
54) 1,2-Dibromoethane	10.018	107	967103	9.610	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	1070305	8.415	ppbv	99
57) Chlorobenzene	11.535	112	1822437	8.474	ppbv	97
58) Ethyl Benzene	12.098	91	3243410	9.421	ppbv	99
59) m/p-Xylene	12.381	91	5529433m	17.533	ppbv	
60) o-Xylene	13.069	91	2610993	8.660	ppbv	99
61) Styrene	12.908	104	1506320	9.846	ppbv	99
62) Isopropylbenzene	14.040	105	3689593	8.594	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	829240	7.817	ppbv	99
64) n-propylbenzene	14.928	120	929599	8.848	ppbv	100
65) tert-Butylbenzene	16.101	119	3260953	8.814	ppbv	100
66) Benzyl Chloride	16.339	91	220078	9.153	ppbv	98
67) sec-Butylbenzene	16.648	105	4672660	8.831	ppbv	100
69) p-Isopropyltoluene	17.005	119	3828841	9.292	ppbv	100
70) n-Butylbenzene	17.899	91	4266140	9.397	ppbv	100
71) 2-Chlorotoluene	14.812	91	2856751	8.742	ppbv	100
72) 4-Ethyltoluene	15.204	105	3016467	9.151	ppbv	98
73) 1,3,5-Trimethylbenzene	15.362	105	2682583	8.985	ppbv	98
74) 1,2,4-Trimethylbenzene	16.120	105	2974222	8.735	ppbv	99
75) 1,3-Dichlorobenzene	16.342	146	1653099	8.964	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	1623205	9.228	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1642934	9.268	ppbv	100
78) Hexachloro-1,3-Butadiene	22.651	225	1145081	8.808	ppbv	99
79) Naphthalene	21.400	128	2393181	11.881	ppbv	98
80) Naphthalene,2-methyl-	24.384	142	497144	9.745	ppbv	98
81) 1,2,4-Trichlorobenzene	21.152	180	1233120	9.939	ppbv	100

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

Manual Integrations

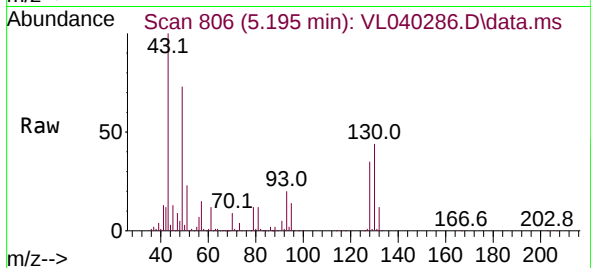
Quant Time: Mar 15 16:50:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Wed Mar 15 16:14:43 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

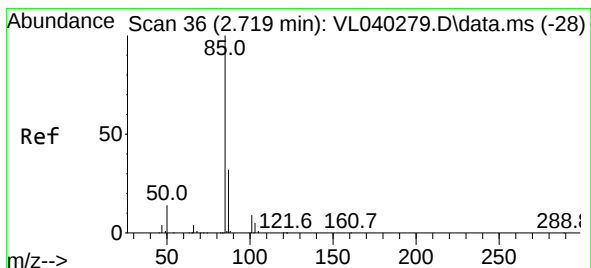
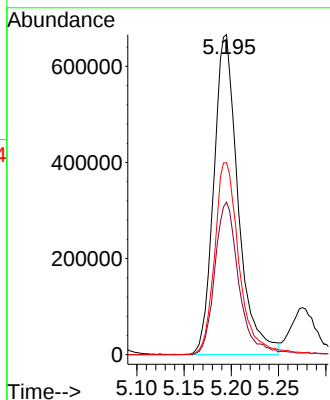
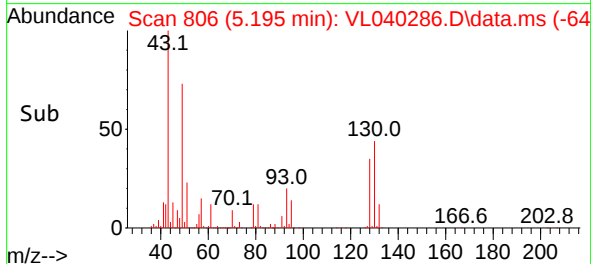
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



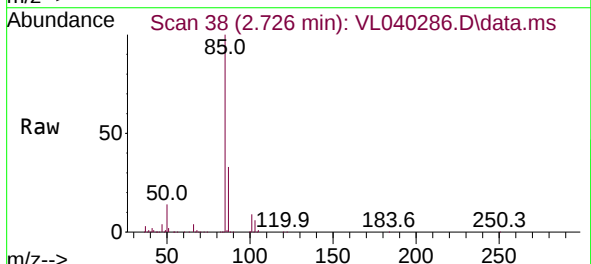
Tgt Ion: 49 Resp: 1187692
Ion Ratio Lower Upper
49 100
128 48.4 22.4 67.3
130 61.7 28.7 86.1

Manual Integrations
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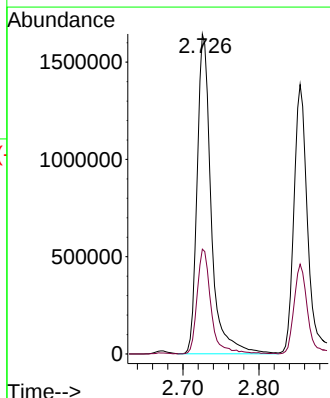
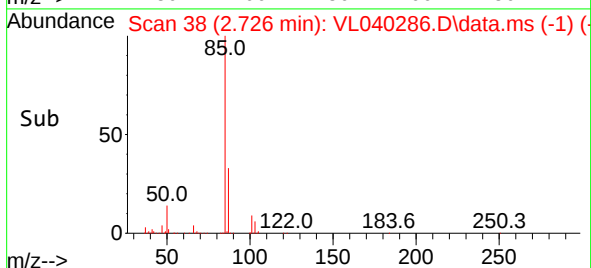
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 9.020 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



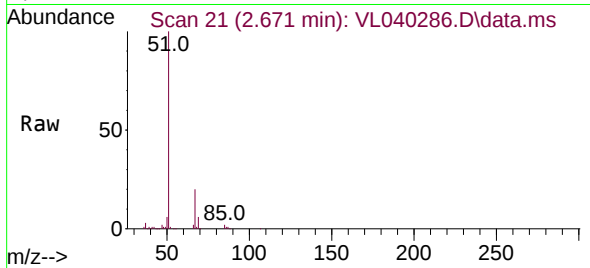
Tgt Ion: 85 Resp: 2101867
Ion Ratio Lower Upper
85 100
87 32.7 25.5 38.3





#3
Chlorodifluoromethane
Concen: 8.757 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

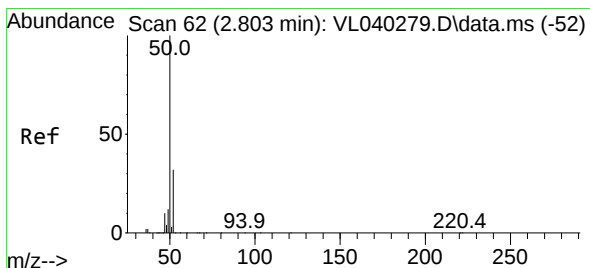
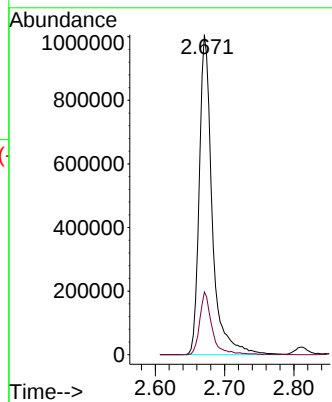
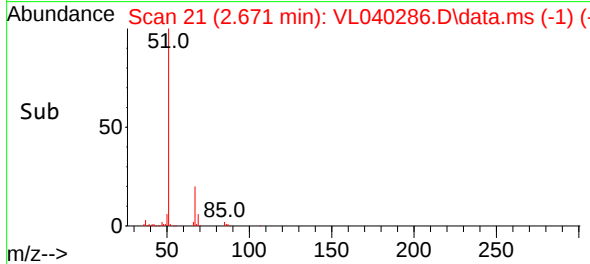
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



Tgt Ion: 51 Resp: 1307814
Ion Ratio Lower Upper
51 100
67 18.8 16.0 24.0

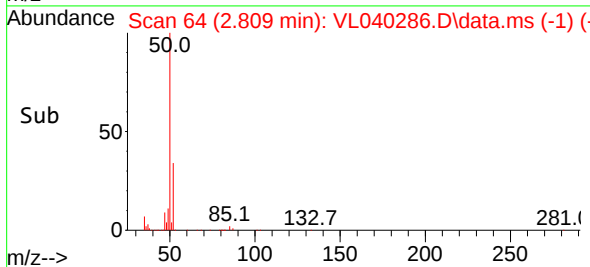
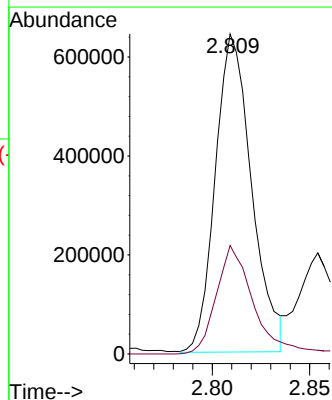
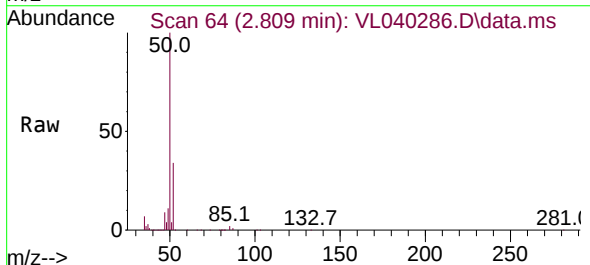
Manual Integrations
APPROVED

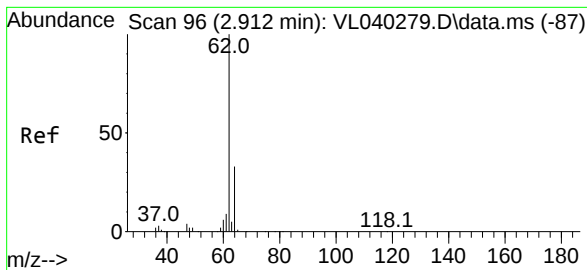
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#4
Chloromethane
Concen: 9.030 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

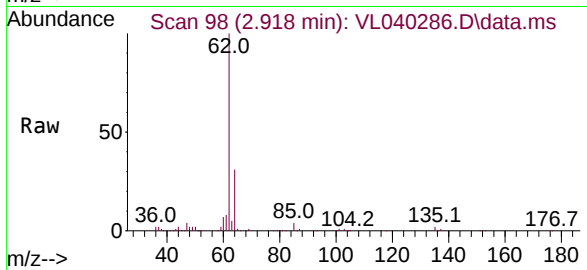
Tgt Ion: 50 Resp: 832775
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.511 ppbv
 RT: 2.918 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20

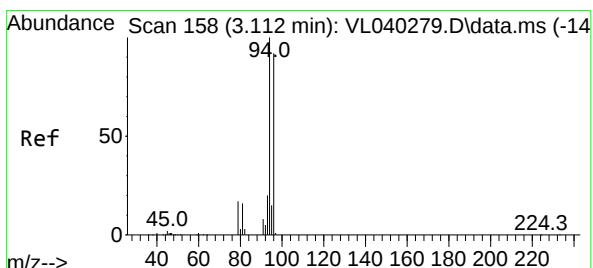
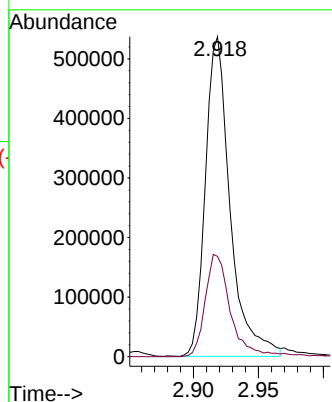
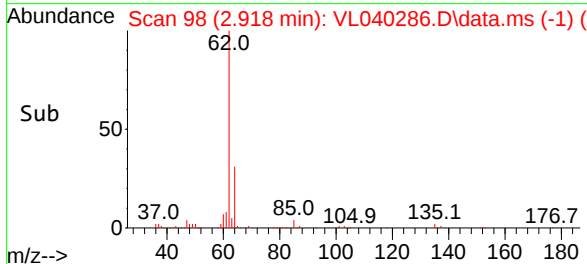
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031523



Tgt Ion: 62 Resp: 710244
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.4 39.6

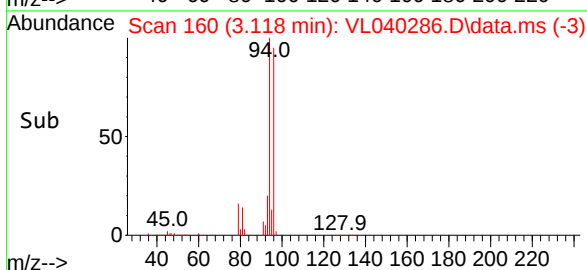
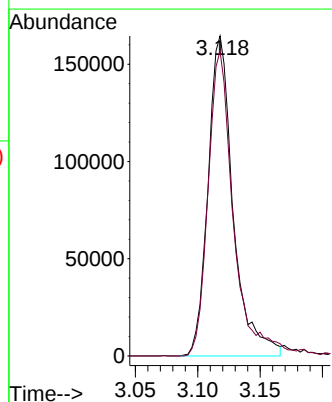
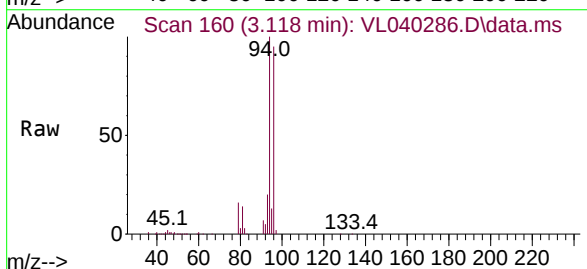
Manual Integrations
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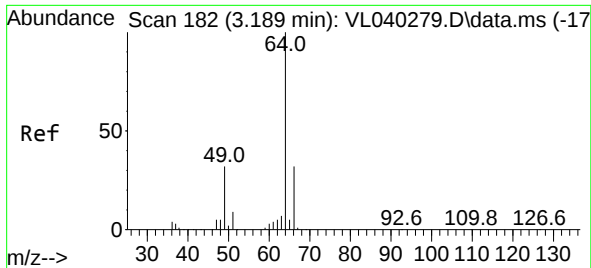
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#6
 Bromomethane
 Concen: 8.920 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.006 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20

Tgt Ion: 94 Resp: 230969
 Ion Ratio Lower Upper
 94 100
 96 95.4 73.7 110.5





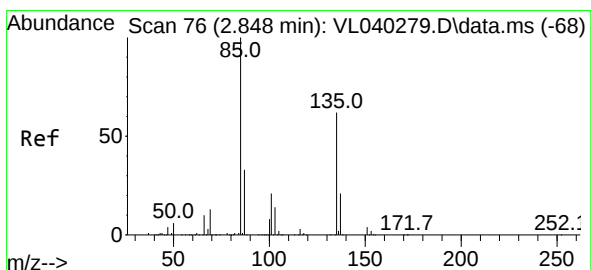
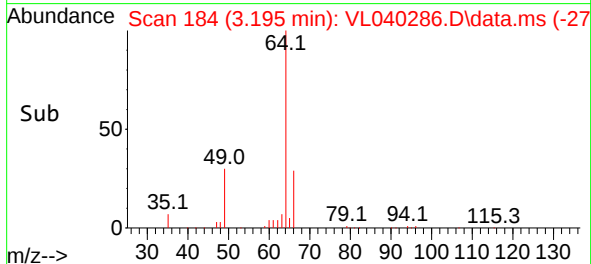
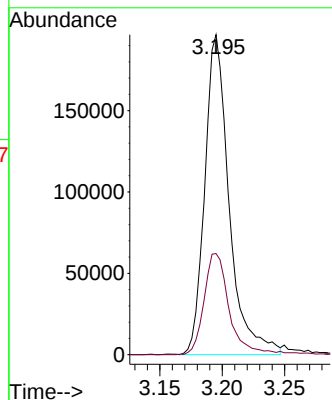
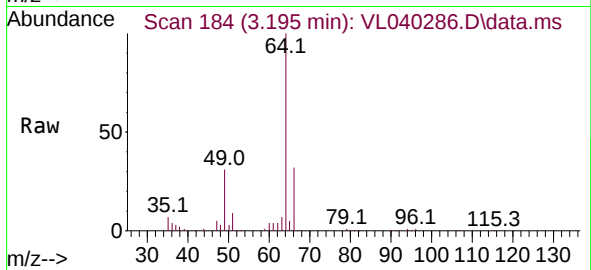
#7
Chloroethane
Concen: 9.337 ppbv
RT: 3.195 min Scan# 182
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Instrument : MSVOA_L
ClientSampleId : ICVVL031523

Tgt Ion: 64 Resp: 267678
Ion Ratio Lower Upper
64 100
66 31.6 25.5 38.3

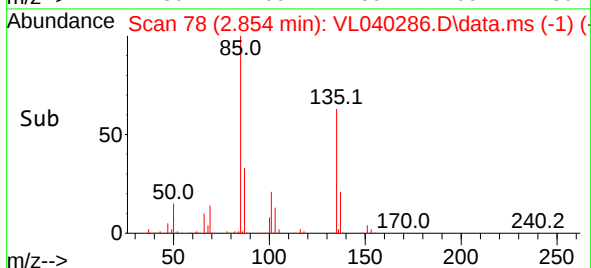
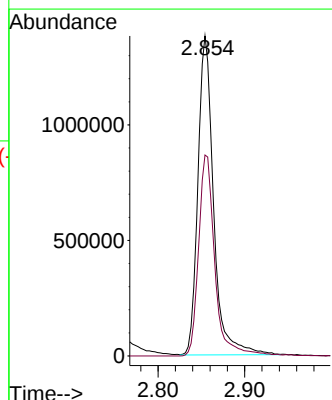
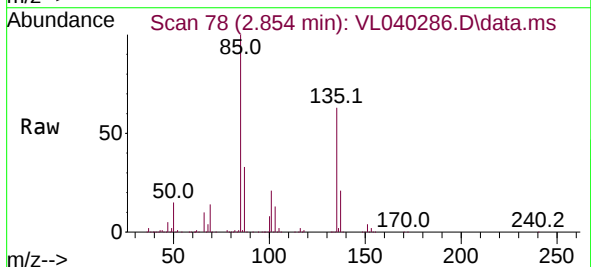
Manual Integrations
APPROVED

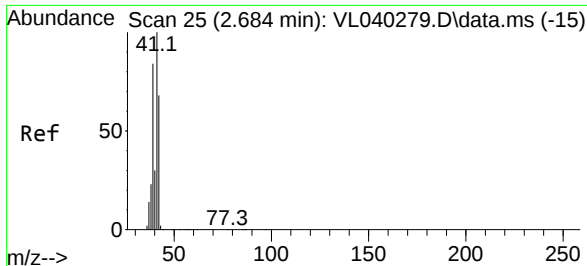
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#8
Dichlorotetrafluoroethane
Concen: 8.726 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

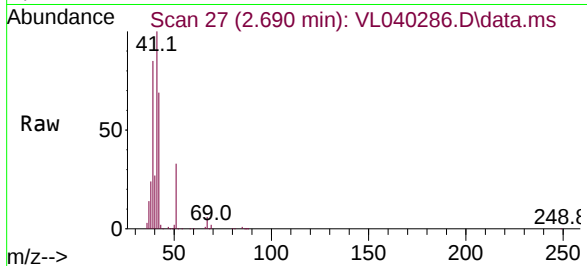
Tgt Ion: 85 Resp: 1740639
Ion Ratio Lower Upper
85 100
135 65.9 52.0 78.0





#9
 Propene
 Concen: 10.035 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20

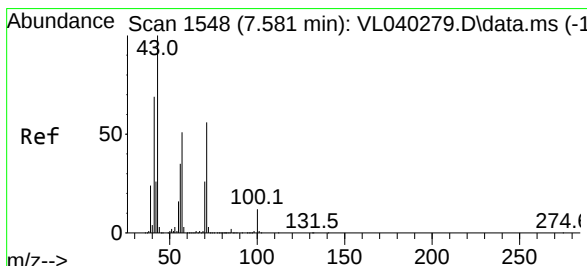
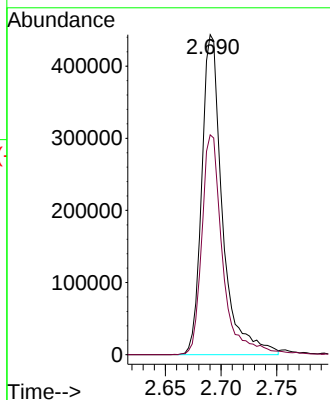
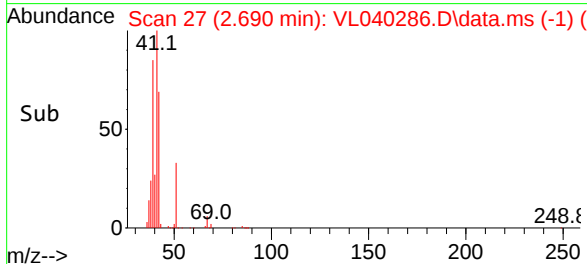
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031523



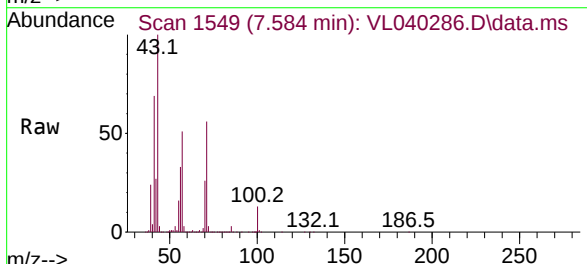
Tgt Ion: 41 Resp: 57417
 Ion Ratio Lower Upper
 41 100
 42 69.8 59.0 88.4

Manual Integrations
 APPROVED

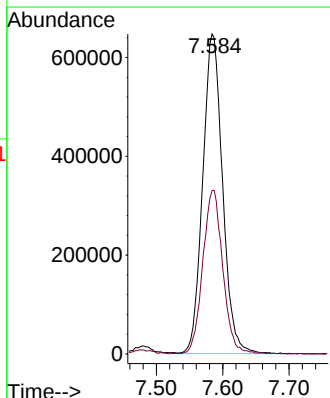
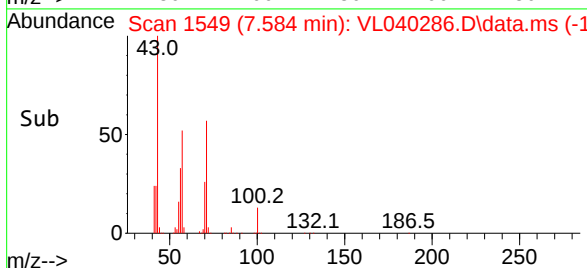
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

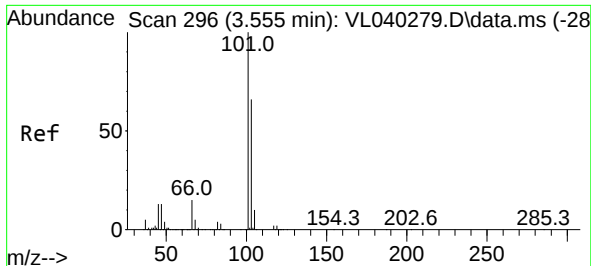


#10
 Heptane
 Concen: 9.758 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. 0.003 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20



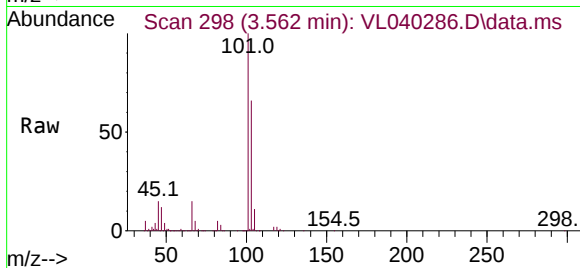
Tgt Ion: 43 Resp: 1342871
 Ion Ratio Lower Upper
 43 100
 57 51.8 41.7 62.5





#11
Trichlorofluoromethane
Concen: 8.290 ppbv
RT: 3.562 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

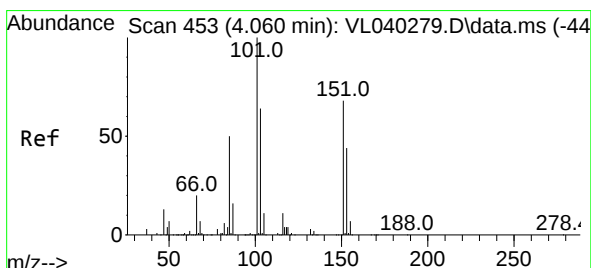
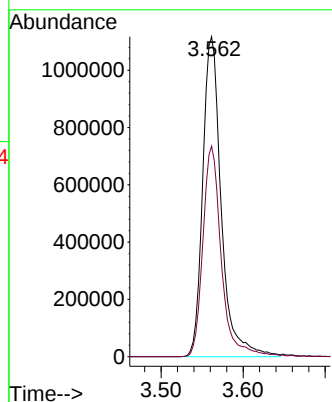
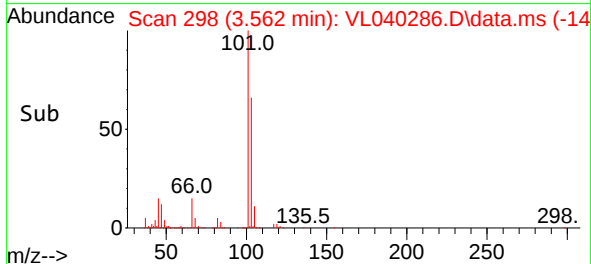
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



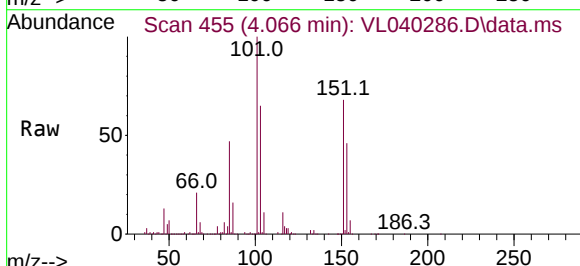
Tgt Ion:101 Resp: 1750219
Ion Ratio Lower Upper
101 100
103 65.8 53.1 79.7

Manual Integrations
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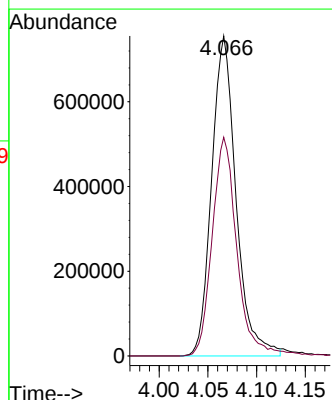
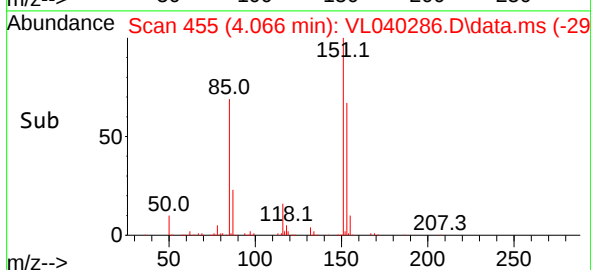
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

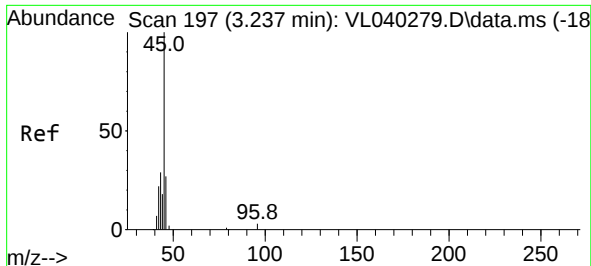


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.289 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



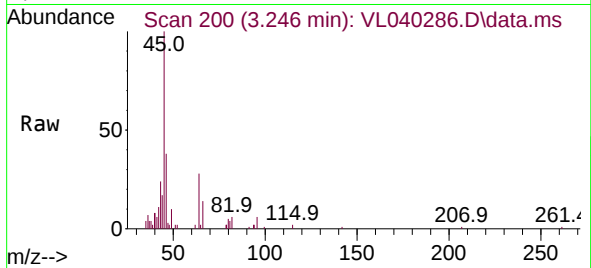
Tgt Ion:101 Resp: 1314359
Ion Ratio Lower Upper
101 100
151 69.8 53.2 79.8





#13
Ethanol
Concen: 7.374 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.010 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

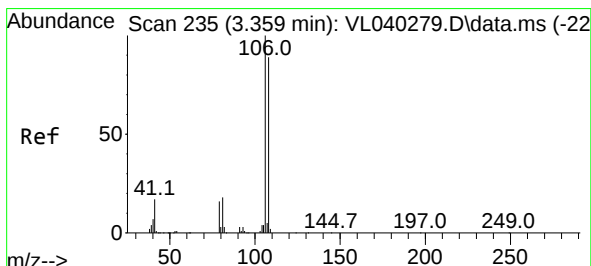
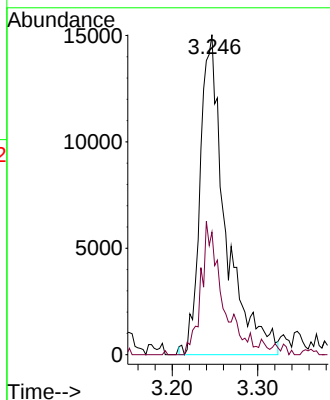
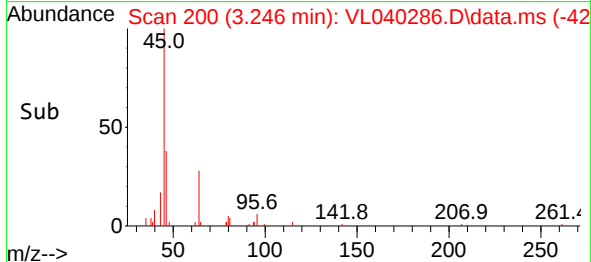
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



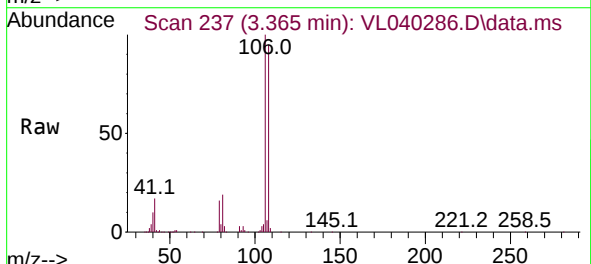
Tgt Ion: 45 Resp: 3094
Ion Ratio Lower Upper
45 100
46 36.3 15.0 60.2

Manual Integrations
APPROVED

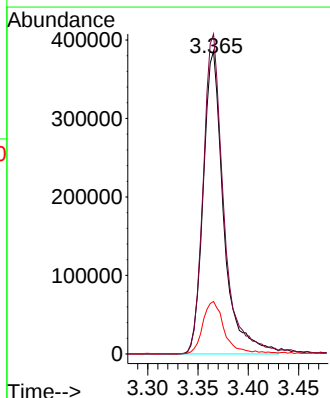
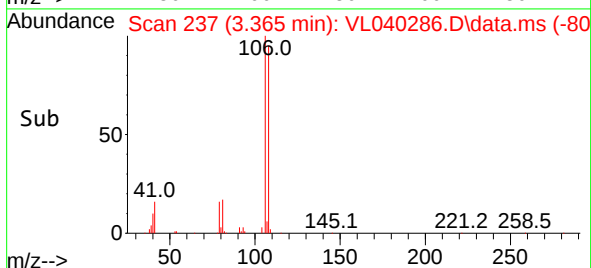
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

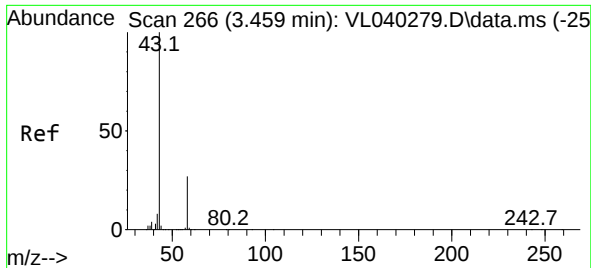


#14
Bromoethene
Concen: 9.219 ppbv
RT: 3.365 min Scan# 237
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



Tgt Ion:108 Resp: 545310
Ion Ratio Lower Upper
108 100
106 107.9 85.8 128.8
79 19.2 15.8 23.6





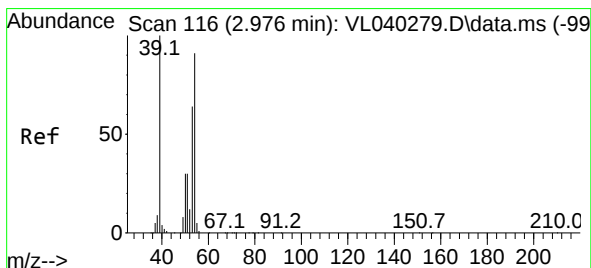
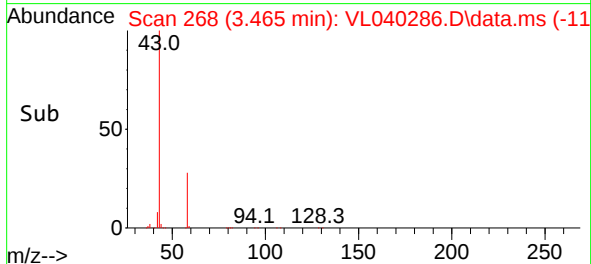
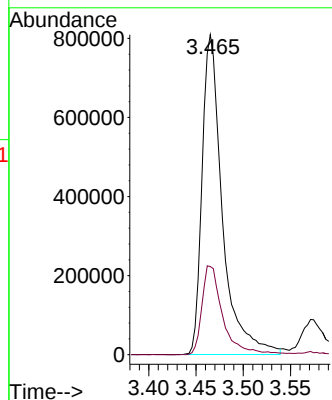
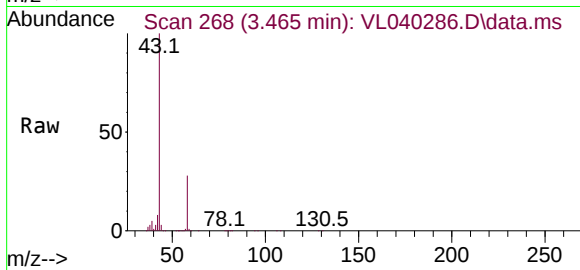
#15
Acetone
Concen: 8.367 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523

Tgt Ion: 43 Resp: 1209870
Ion Ratio Lower Upper
43 100
58 28.6 21.8 32.8

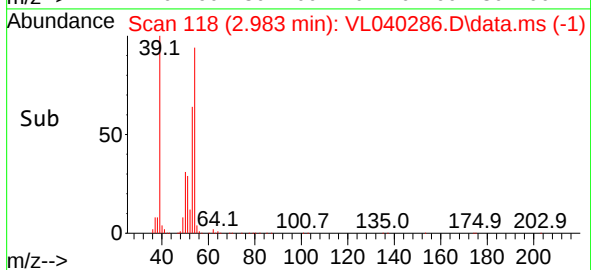
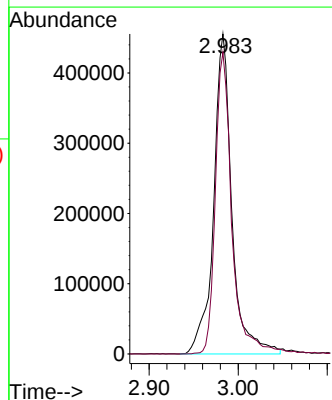
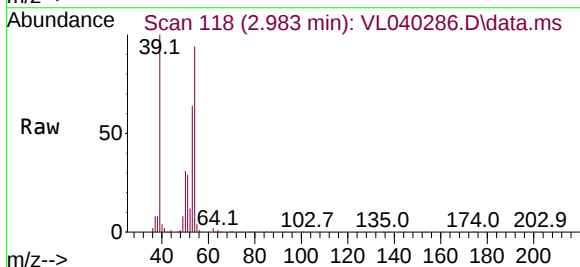
Manual Integrations
APPROVED

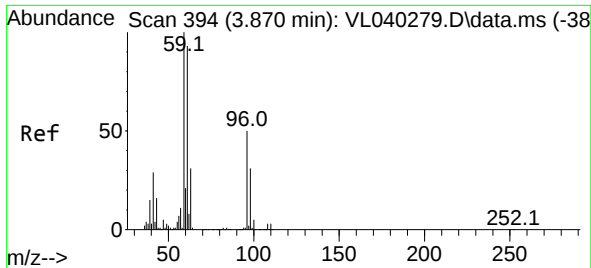
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#16
1,3-Butadiene
Concen: 9.873 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Tgt Ion: 39 Resp: 648893
Ion Ratio Lower Upper
39 100
54 86.2 68.4 102.6





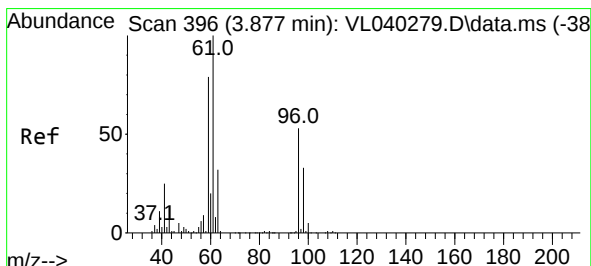
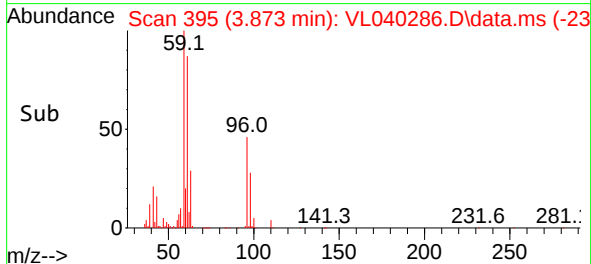
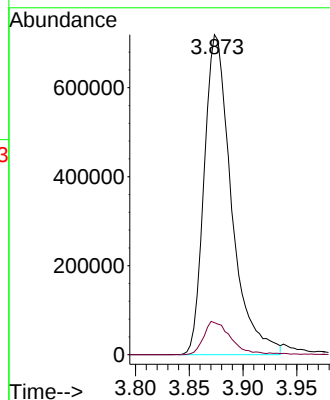
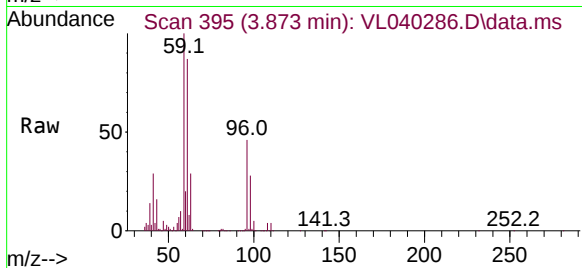
#17
tert-Butyl alcohol
Concen: 9.220 ppbv
RT: 3.873 min Scan# 394
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Instrument : MSVOA_L
ClientSampleId : ICVVL031523

Tgt Ion: 59 Resp: 1267084
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7

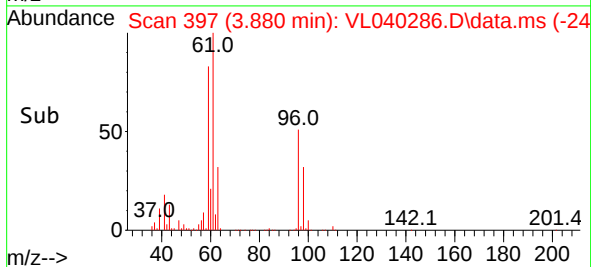
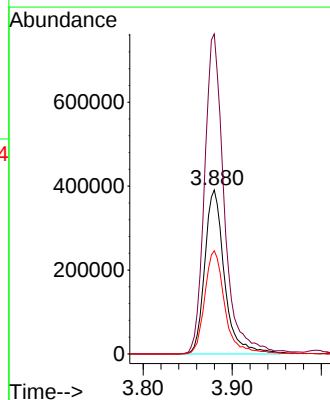
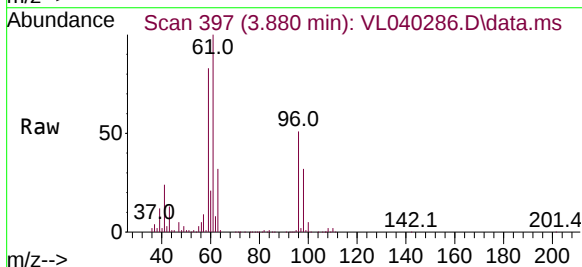
Manual Integrations
APPROVED

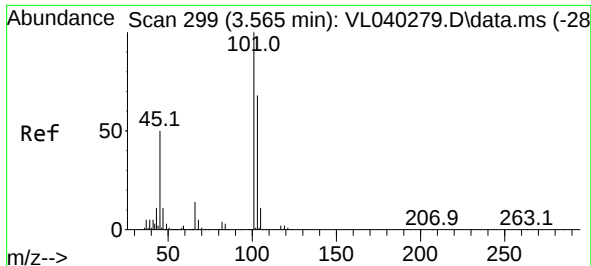
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#18
1,1-Dichloroethene
Concen: 8.860 ppbv
RT: 3.880 min Scan# 397
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Tgt Ion: 96 Resp: 602704
Ion Ratio Lower Upper
96 100
61 195.0 150.6 226.0
98 62.9 50.3 75.5





#19

Isopropyl Alcohol

Concen: 8.232 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.006 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion: 45 Resp: 57015

Ion Ratio Lower Upper

45 100

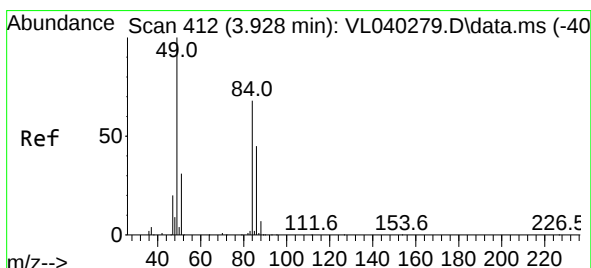
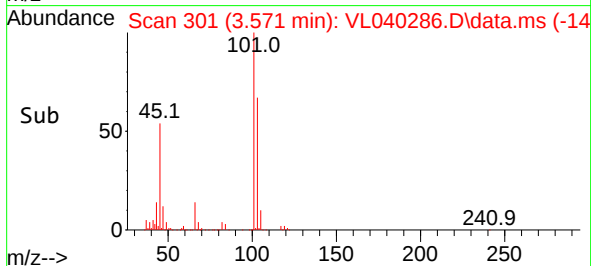
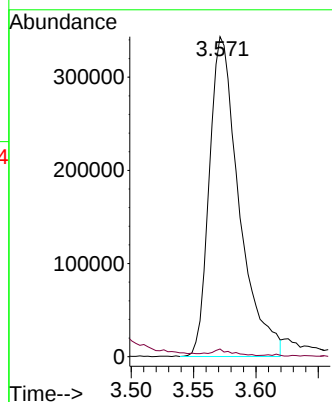
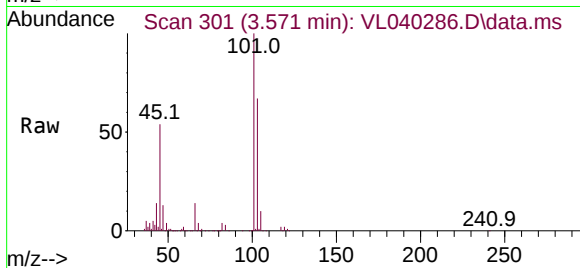
58 2.9 2.7 4.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#20

Methylene Chloride

Concen: 8.177 ppbv

RT: 3.931 min Scan# 413

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Tgt Ion: 84 Resp: 497416

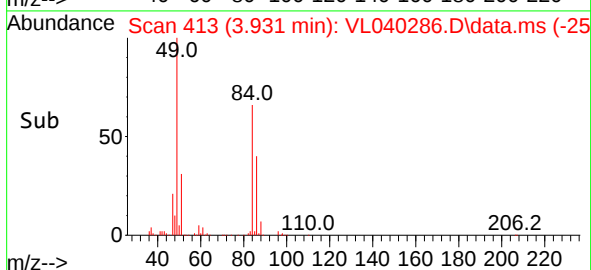
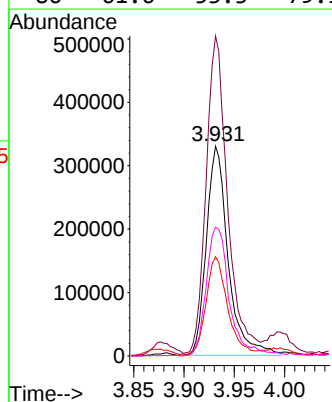
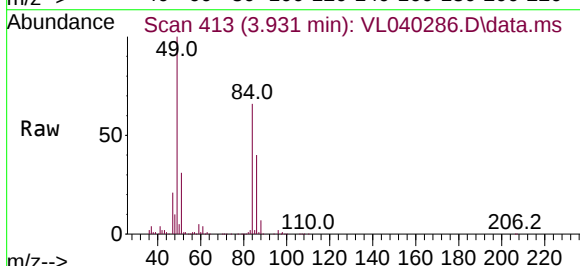
Ion Ratio Lower Upper

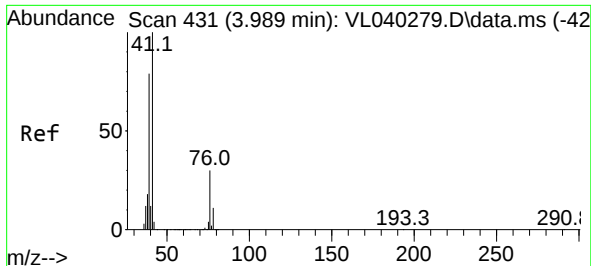
84 100

49 150.6 117.5 176.3

51 46.7 36.9 55.3

86 61.6 53.3 79.9





#21

Allyl Chloride

Concen: 9.627 ppbv

RT: 3.996 min Scan# 41

Delta R.T. 0.006 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

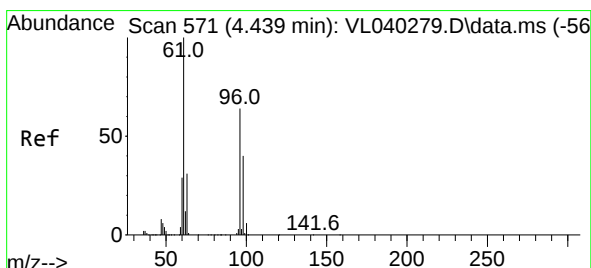
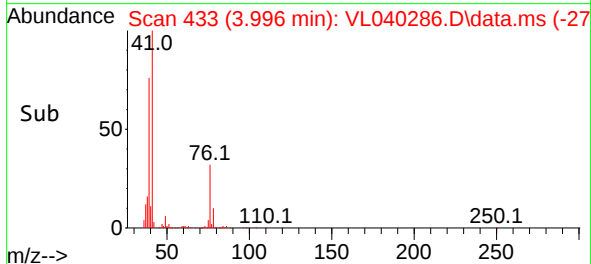
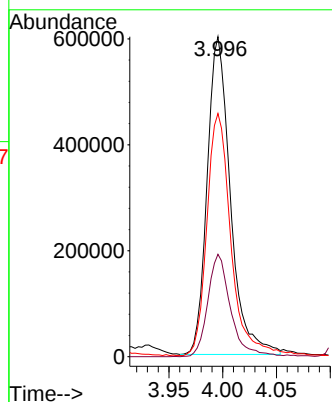
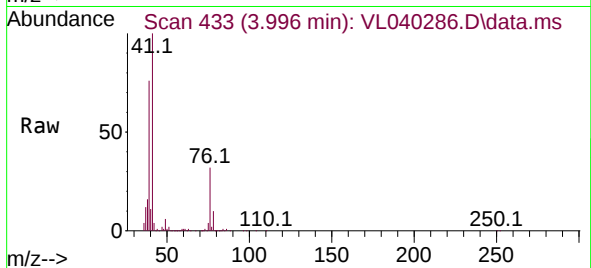
Tgt Ion: 41 Resp: 901679

Ion	Ratio	Lower	Upper
41	100		
76	31.9	25.4	38.0
39	79.4	65.4	98.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#22

trans-1,2-Dichloroethene

Concen: 9.049 ppbv

RT: 4.446 min Scan# 573

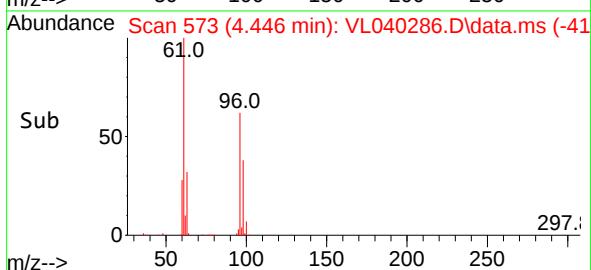
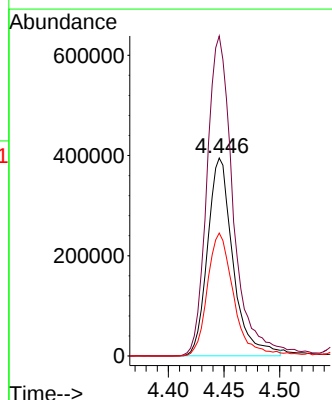
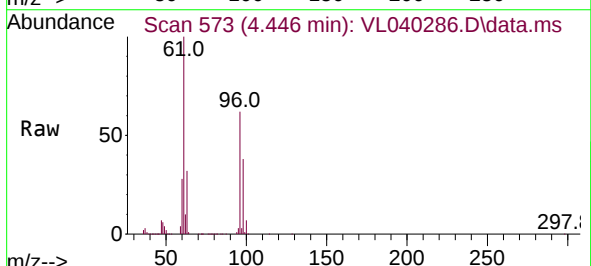
Delta R.T. 0.006 min

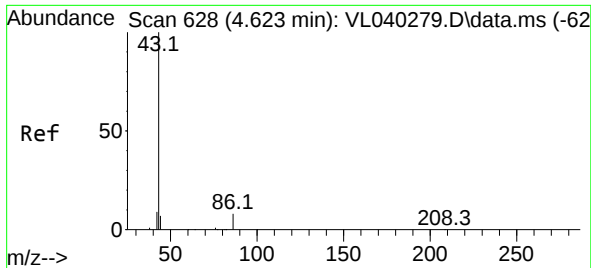
Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Tgt Ion: 96 Resp: 626486

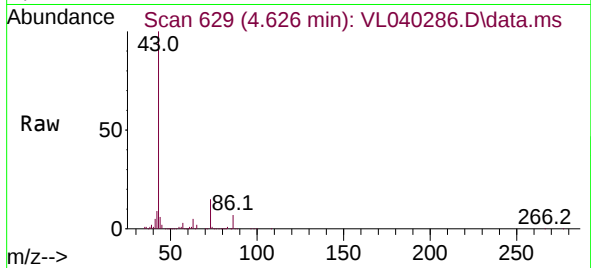
Ion	Ratio	Lower	Upper
96	100		
61	161.8	125.4	188.2
98	62.1	49.8	74.6





#23
 Vinyl Acetate
 Concen: 10.372 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. 0.003 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20

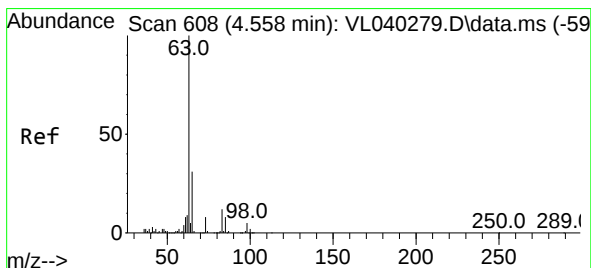
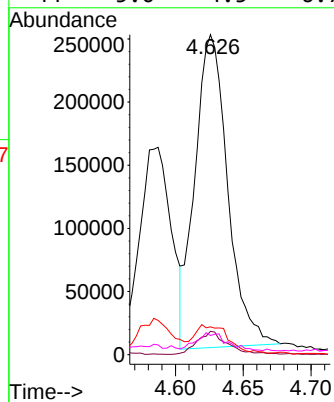
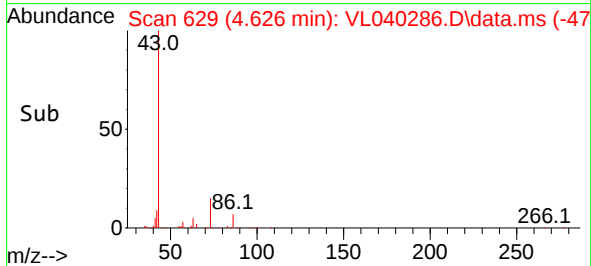
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031523



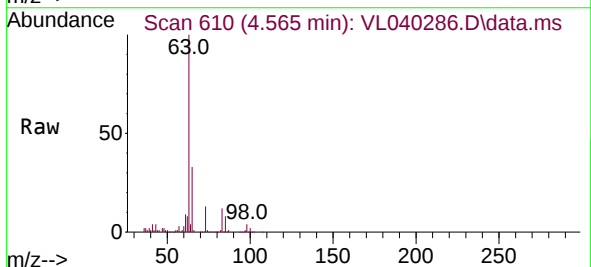
Tgt Ion: 43 Resp: 417223
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.0 7.4
 42 8.2 9.1 13.7
 44 5.0 4.5 6.7

Manual Integrations
 APPROVED

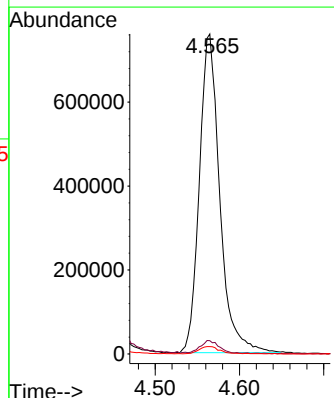
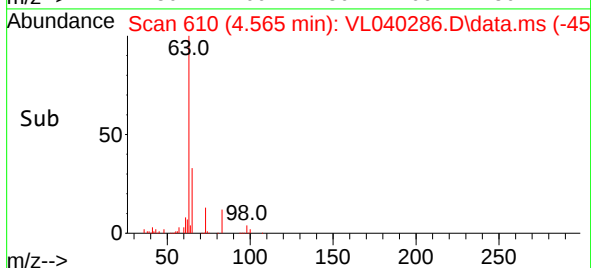
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

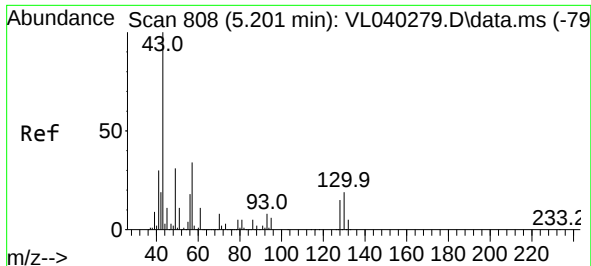


#24
 1,1-Dichloroethane
 Concen: 8.921 ppbv
 RT: 4.565 min Scan# 610
 Delta R.T. 0.006 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20



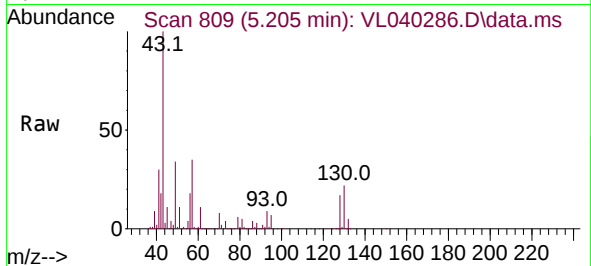
Tgt Ion: 63 Resp: 1279967
 Ion Ratio Lower Upper
 63 100
 98 4.0 2.4 7.2
 100 2.3 1.2 3.6





#25
Ethyl Acetate
Concen: 9.245 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

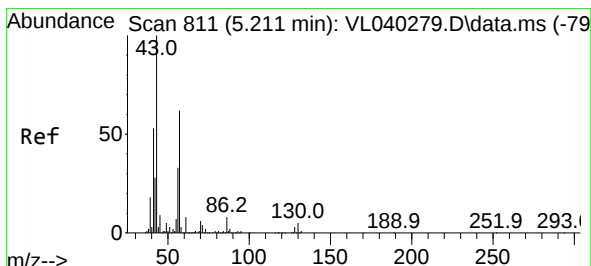
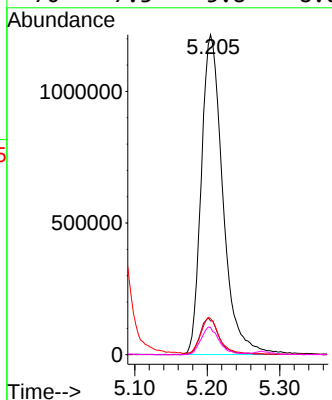
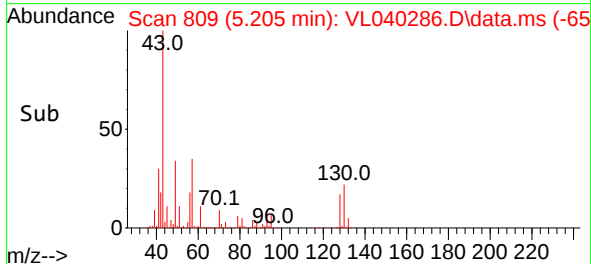
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



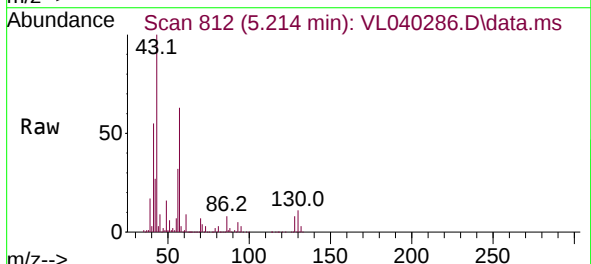
Tgt Ion: 43 Resp: 2502740
Ion Ratio Lower Upper
43 100
45 10.4 8.6 12.8
61 10.6 8.4 12.6
70 7.3 5.8 8.6

Manual Integrations
APPROVED

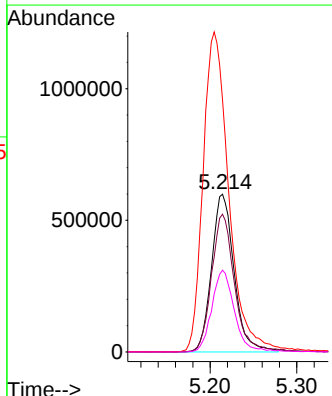
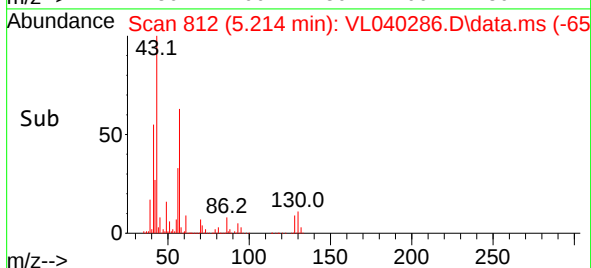
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

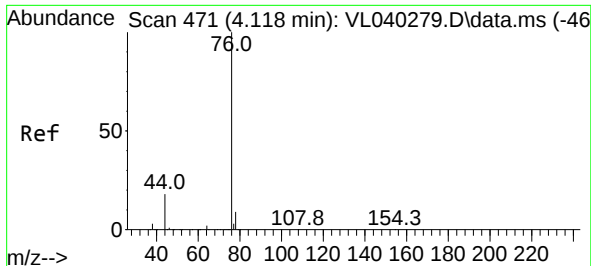


#26
Hexane
Concen: 9.745 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



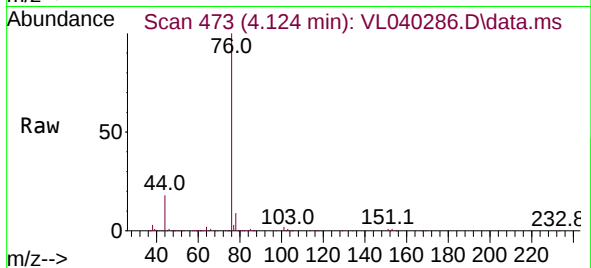
Tgt Ion: 57 Resp: 1082876
Ion Ratio Lower Upper
57 100
41 90.2 73.5 110.3
43 233.5 196.3 294.5
56 52.5 43.8 65.8





#27
Carbon Disulfide
Concen: 9.821 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

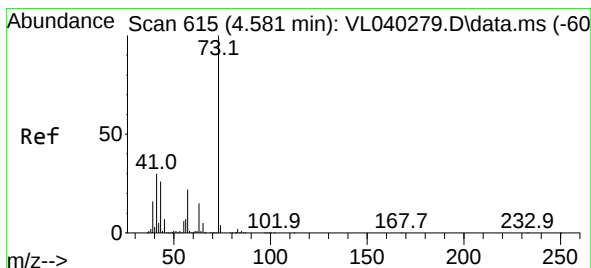
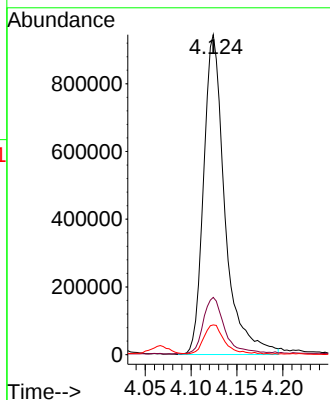
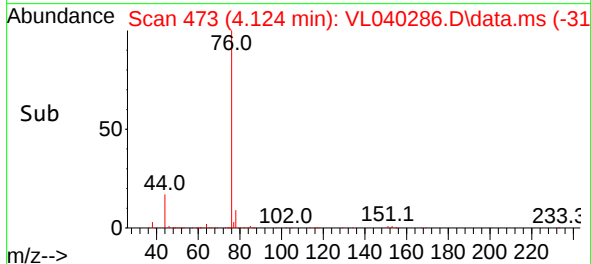
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



Tgt Ion: 76 Resp: 152423
Ion Ratio Lower Upper
76 100
44 18.1 15.2 22.8
78 9.6 7.6 11.4

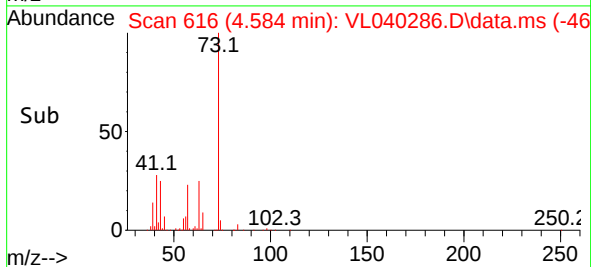
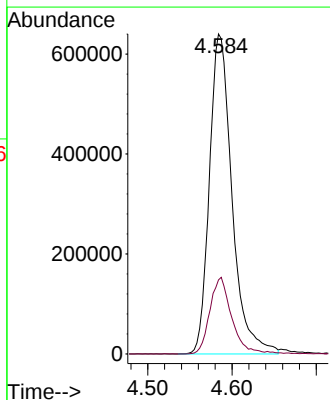
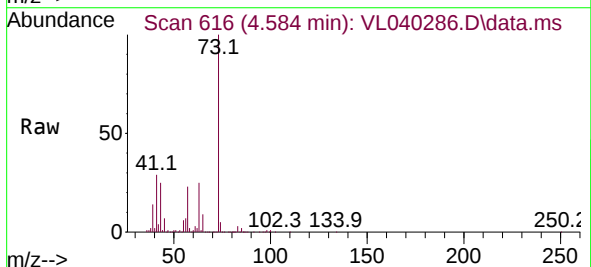
Manual Integrations
APPROVED

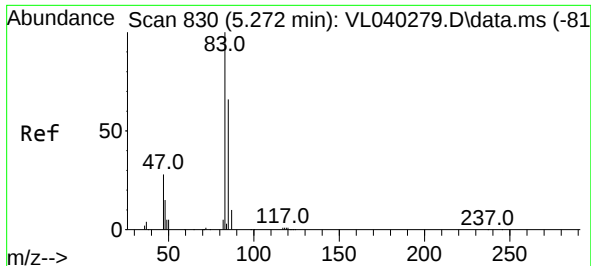
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#28
Methyl tert-Butyl Ether
Concen: 9.353 ppbv
RT: 4.584 min Scan# 616
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Tgt Ion: 73 Resp: 1193259
Ion Ratio Lower Upper
73 100
57 23.5 18.4 27.6





#29

Chloroform

Concen: 9.127 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion: 83 Resp: 1790770

Ion Ratio Lower Upper

83 100

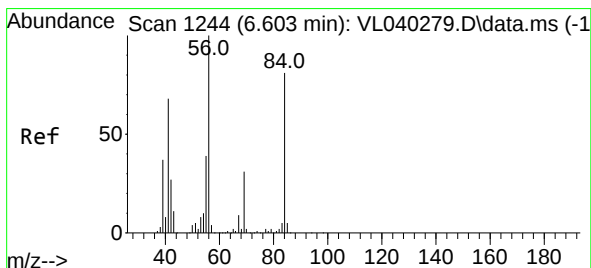
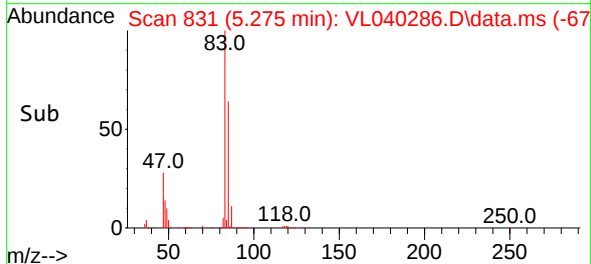
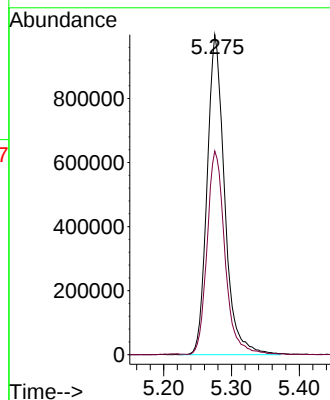
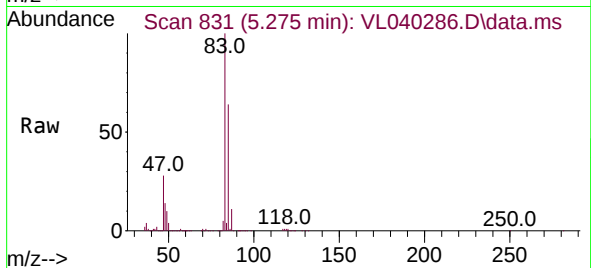
85 63.5 52.8 79.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#30

Cyclohexane

Concen: 10.302 ppbv

RT: 6.606 min Scan# 1245

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

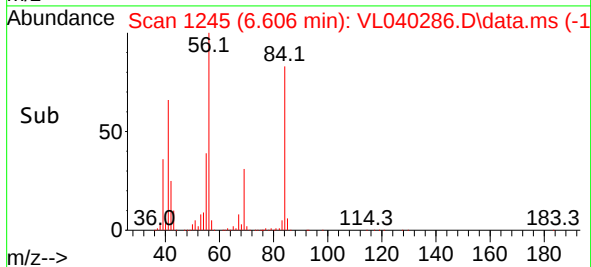
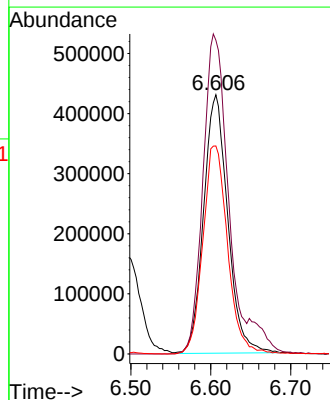
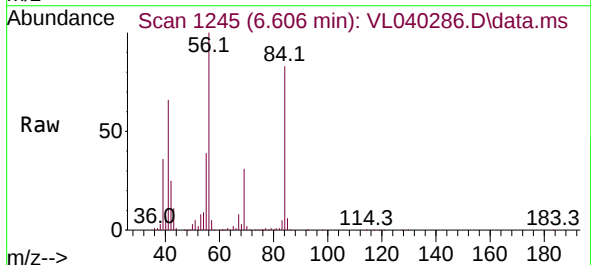
Tgt Ion: 84 Resp: 902069

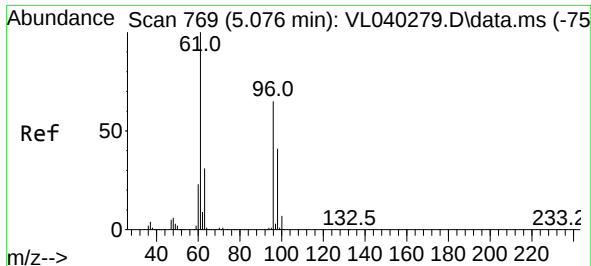
Ion Ratio Lower Upper

84 100

56 135.4 109.0 163.4

41 83.0 67.9 101.9





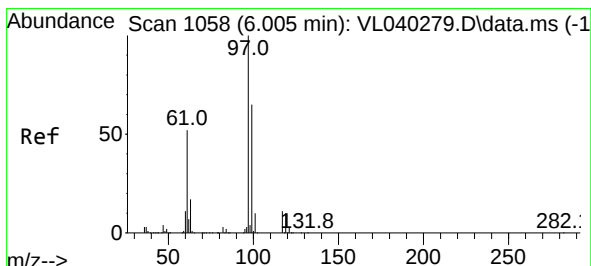
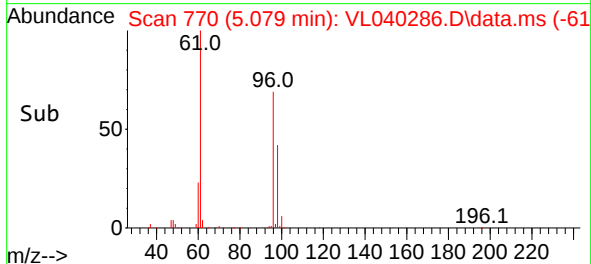
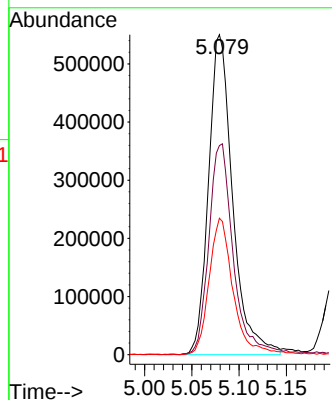
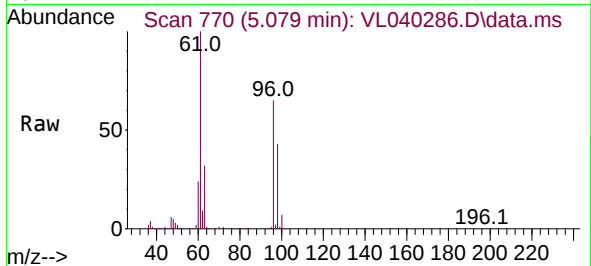
#31
cis-1,2-Dichloroethene
Concen: 9.026 ppbv
RT: 5.079 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523

Tgt Ion: 61 Resp: 97675
Ion Ratio Lower Upper
61 100
96 65.3 51.8 77.8
98 42.7 32.5 48.7

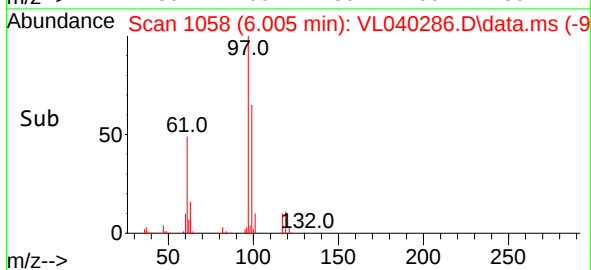
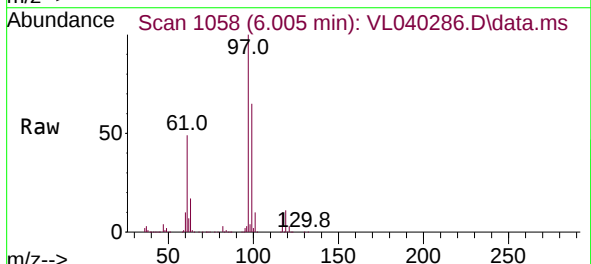
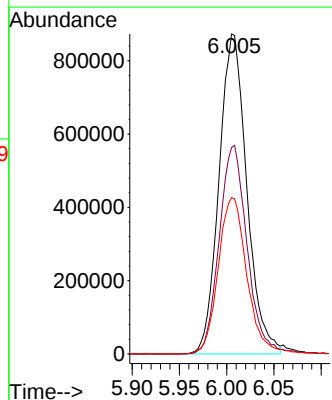
Manual Integrations
APPROVED

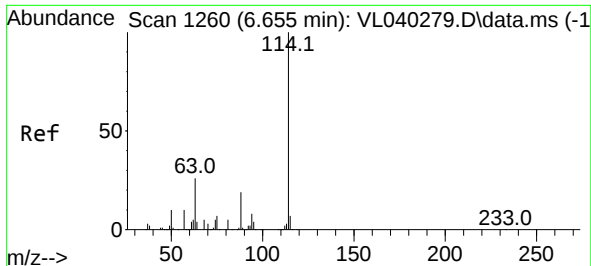
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#32
1,1,1-Trichloroethane
Concen: 9.493 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Tgt Ion: 97 Resp: 1784586
Ion Ratio Lower Upper
97 100
99 65.8 52.2 78.2
61 50.7 41.4 62.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 114

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion:114 Resp: 3064762

Ion Ratio Lower Upper

114 100

63 25.3 21.2 31.8

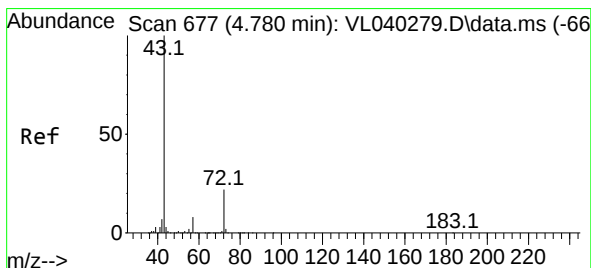
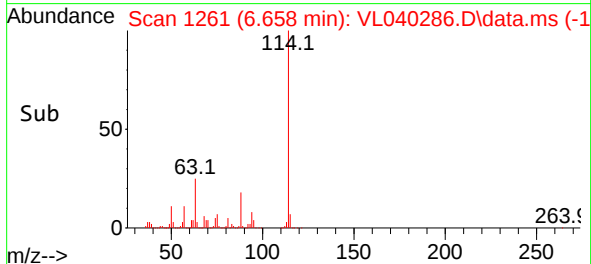
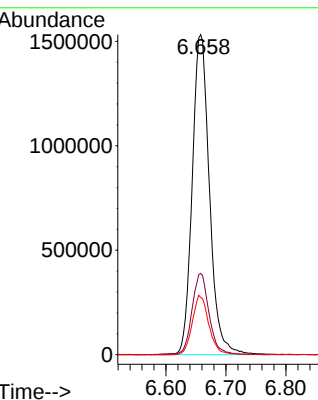
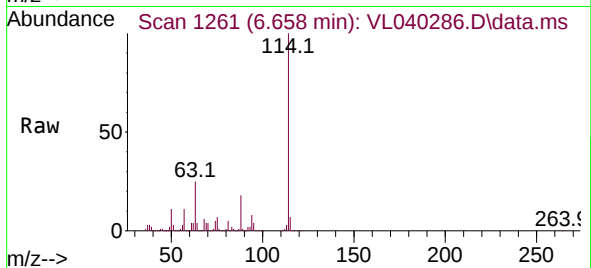
88 17.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#34

2-Butanone

Concen: 9.081 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.006 min

Lab File: VL040286.D

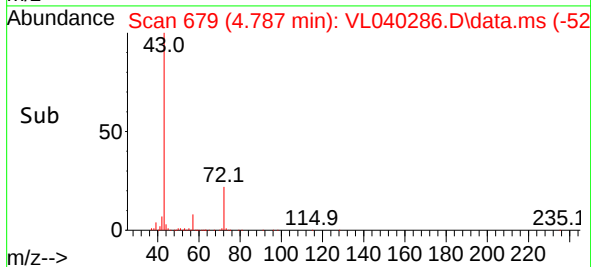
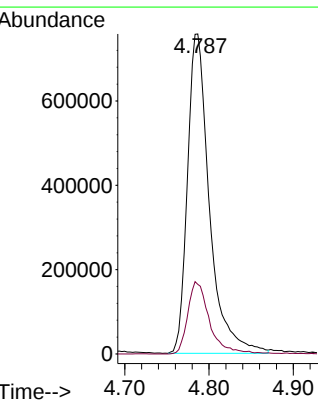
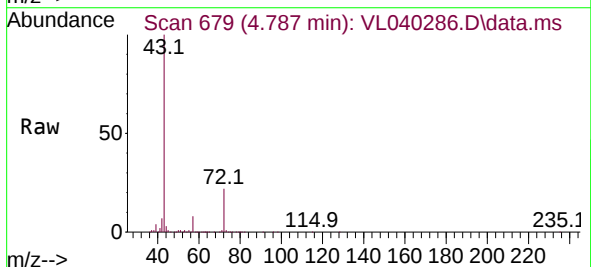
Acq: 15 Mar 2023 16:20

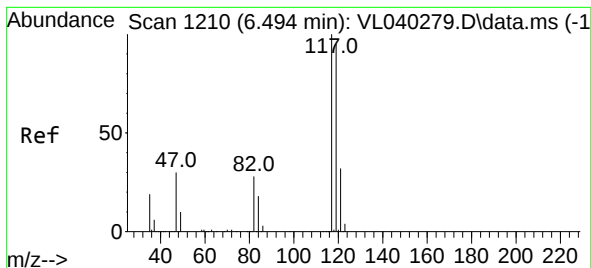
Tgt Ion: 43 Resp: 1373554

Ion Ratio Lower Upper

43 100

72 22.8 18.3 27.5





#35

Carbon Tetrachloride

Concen: 9.557 ppbv

RT: 6.497 min Scan# 1170

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion:117 Resp: 183811

Ion Ratio Lower Upper

117 100

119 97.8 76.4 114.6

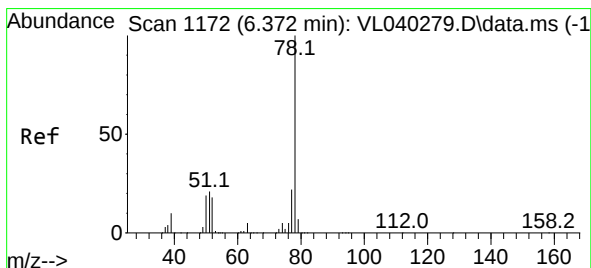
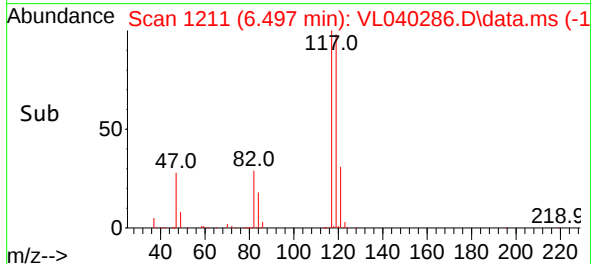
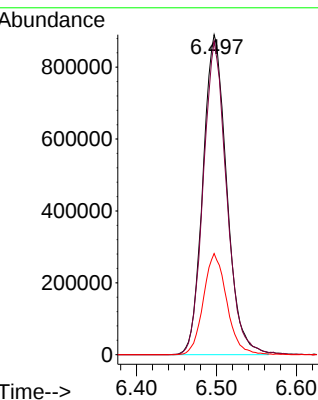
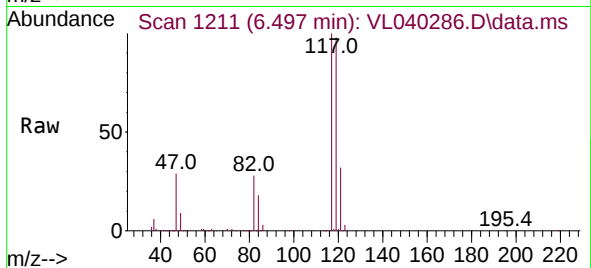
121 31.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#36

Benzene

Concen: 9.676 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

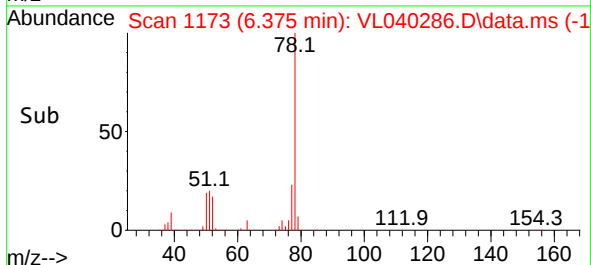
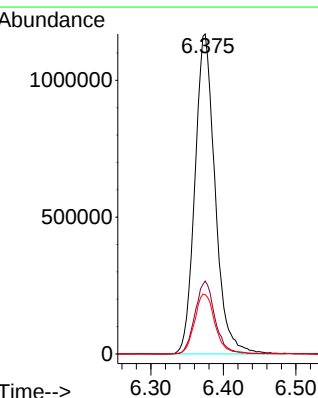
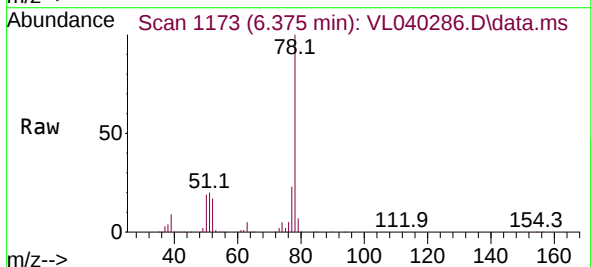
Tgt Ion: 78 Resp: 2259958

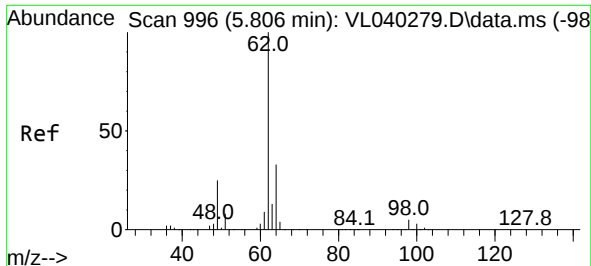
Ion Ratio Lower Upper

78 100

77 22.7 17.8 26.8

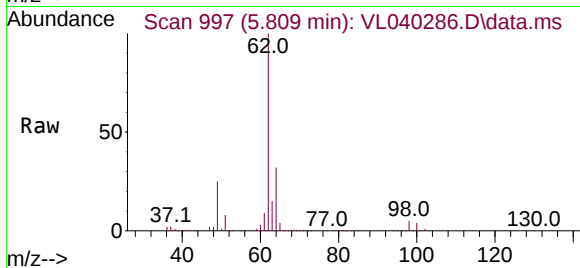
50 18.6 15.4 23.2





#37
1,2-Dichloroethane
Concen: 9.019 ppbv
RT: 5.809 min Scan# 996
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

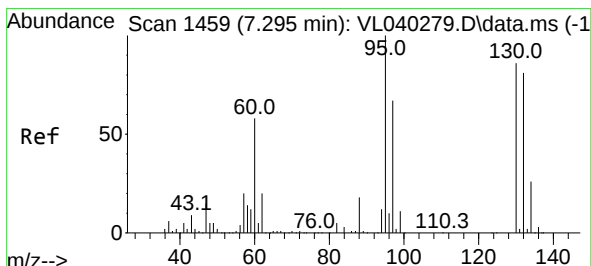
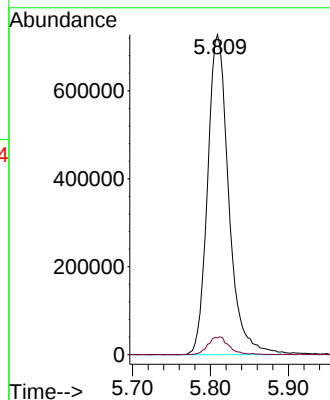
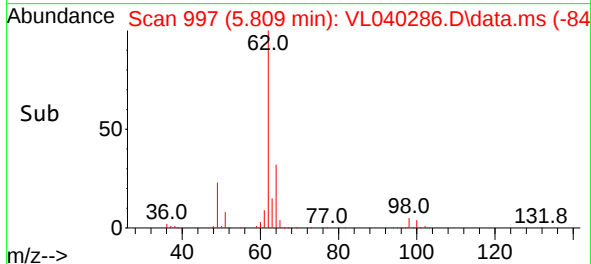
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



Tgt Ion: 62 Resp: 1371038
Ion Ratio Lower Upper
62 100
98 5.7 4.3 6.5

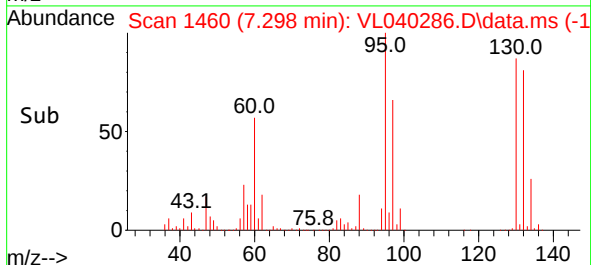
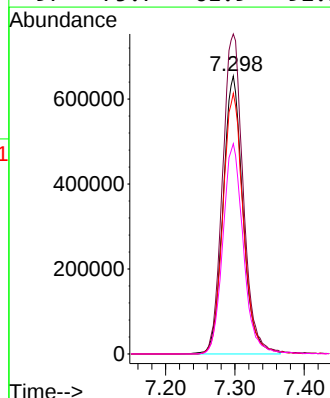
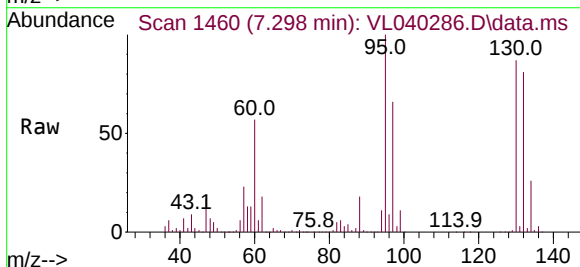
Manual Integrations
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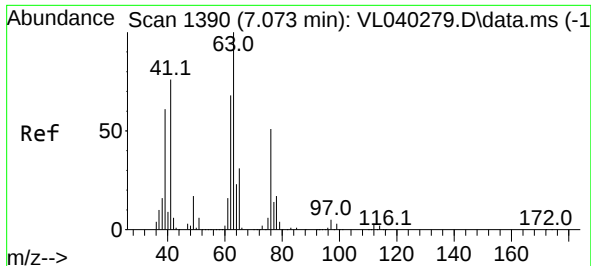
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#38
Trichloroethene
Concen: 10.245 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Tgt Ion:130 Resp: 1307641
Ion Ratio Lower Upper
130 100
95 115.1 93.0 139.4
132 93.8 75.3 112.9
97 75.7 61.9 92.9





#39

1,2-Dichloropropane

Concen: 9.263 ppbv

RT: 7.079 min Scan# 1390

Delta R.T. 0.006 min

Lab File: VL040286.D

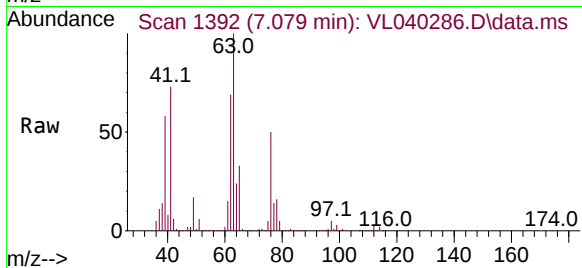
Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523



Tgt Ion: 63 Resp: 848832

Ion Ratio Lower Upper

63 100

41 73.0 60.8 91.2

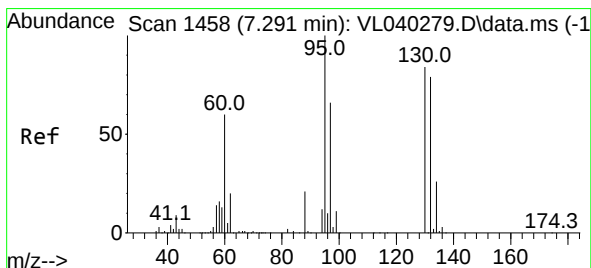
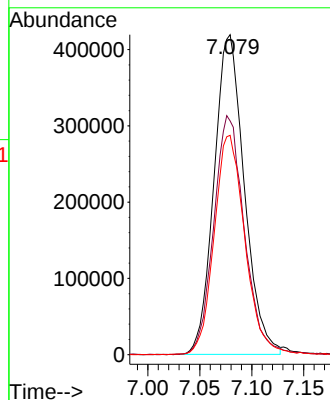
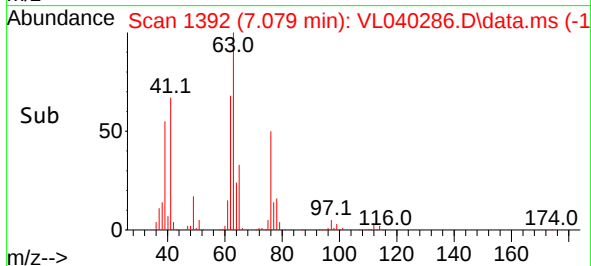
62 68.3 54.1 81.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#40

1,4-Dioxane

Concen: 8.819 ppbv m

RT: 7.294 min Scan# 1459

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Tgt Ion: 88 Resp: 319711

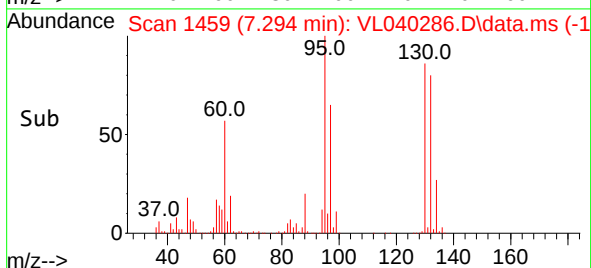
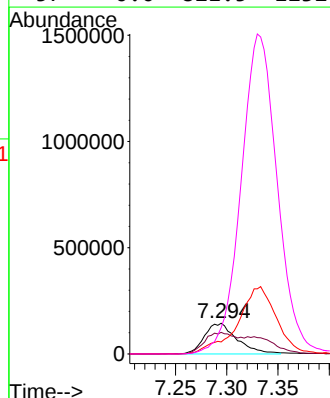
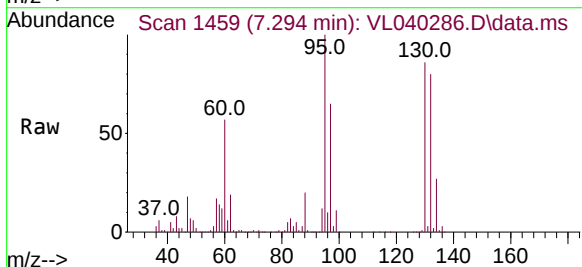
Ion Ratio Lower Upper

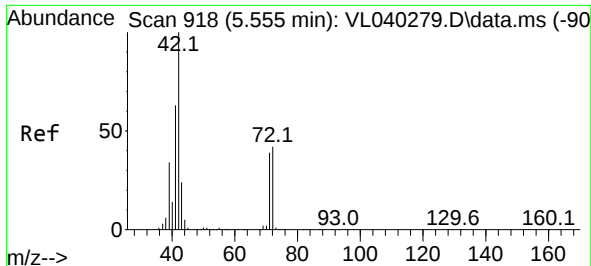
88 100

58 0.0 96.0 144.0#

43 0.0 187.6 281.4#

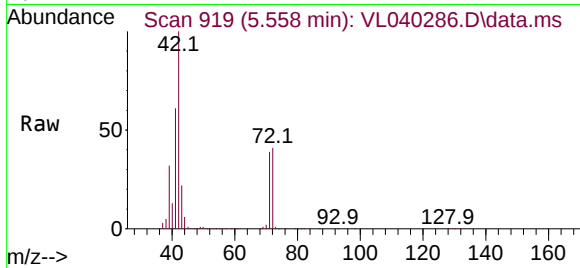
57 0.0 821.5 1232.3#





#41
Tetrahydrofuran
Concen: 9.825 ppbv
RT: 5.558 min Scan# 918
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

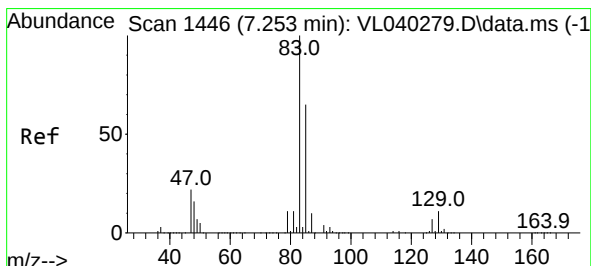
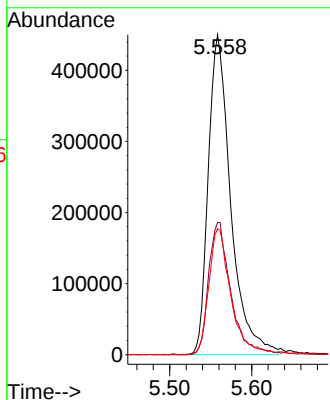
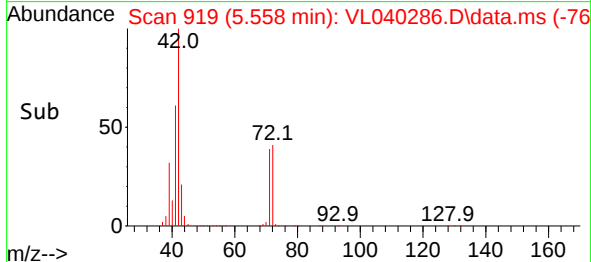
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



Tgt Ion: 42 Resp: 85768
Ion Ratio Lower Upper
42 100
72 41.4 32.6 49.0
71 39.2 31.0 46.4

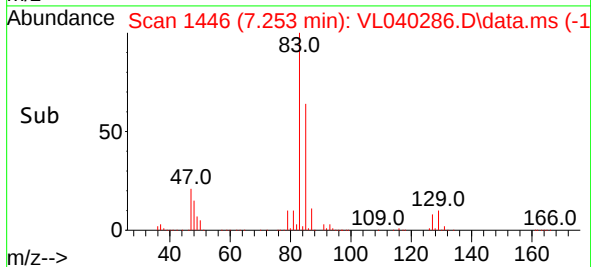
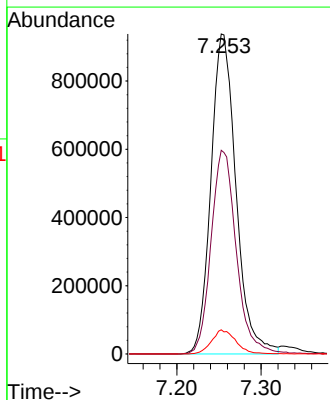
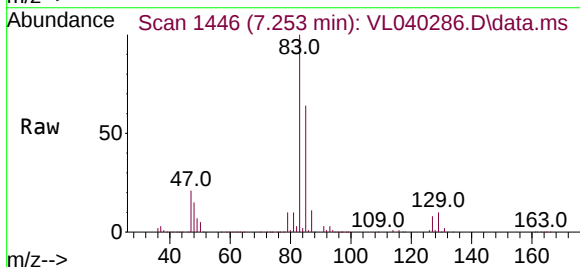
Manual Integrations
APPROVED

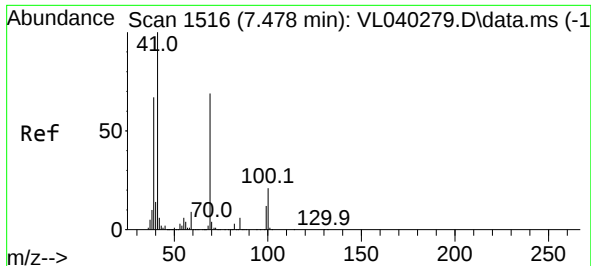
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42
Bromodichloromethane
Concen: 9.331 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

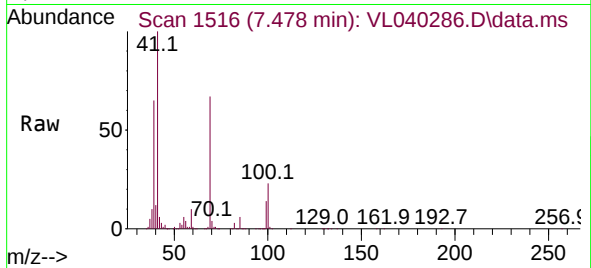
Tgt Ion: 83 Resp: 1938336
Ion Ratio Lower Upper
83 100
85 63.7 52.1 78.1
127 7.6 5.8 8.6





#43
Methyl Methacrylate
Concen: 10.072 ppbv
RT: 7.478 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

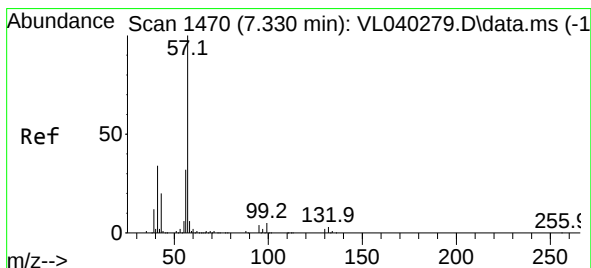
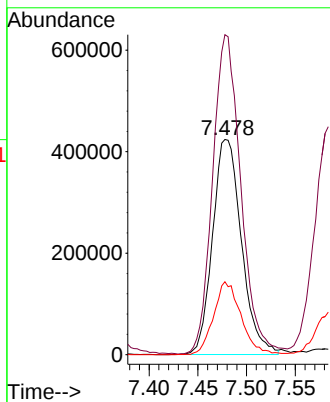
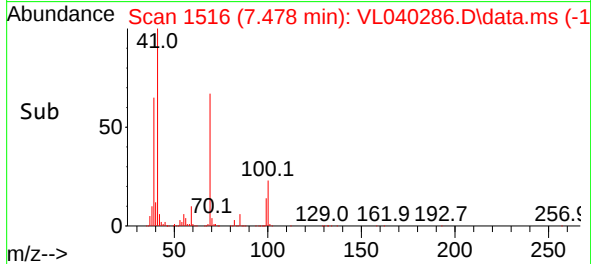
Instrument : MSVOA_L
ClientSampleId : ICVVL031523



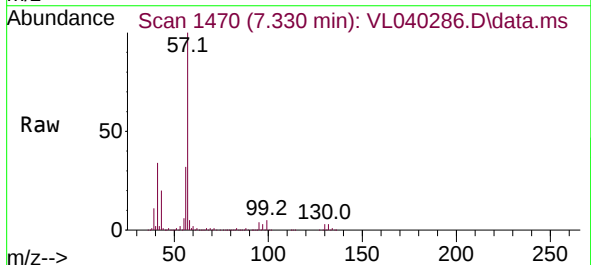
Tgt Ion: 69 Resp: 87424
Ion Ratio Lower Upper
69 100
41 145.2 116.9 175.3
100 32.3 24.2 36.4

Manual Integrations
APPROVED

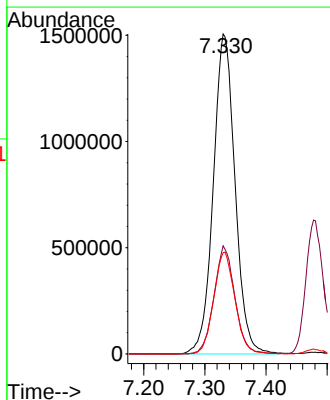
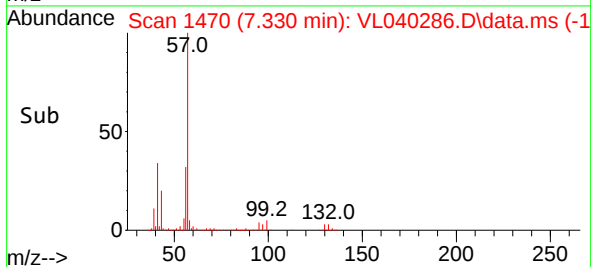
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

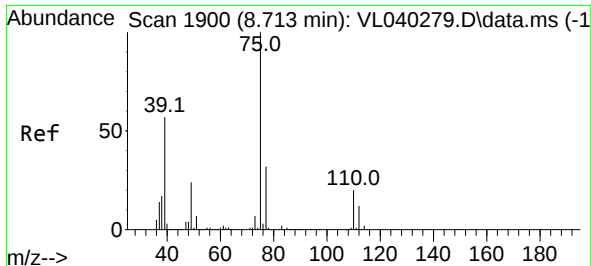


#44
2,2,4-Trimethylpentane
Concen: 9.551 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



Tgt Ion: 57 Resp: 3719241
Ion Ratio Lower Upper
57 100
41 32.4 26.8 40.2
56 31.1 25.0 37.6





#45

t-1,3-Dichloropropene

Concen: 10.821 ppbv

RT: 8.716 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion: 75 Resp: 818774

Ion Ratio Lower Upper

75 100

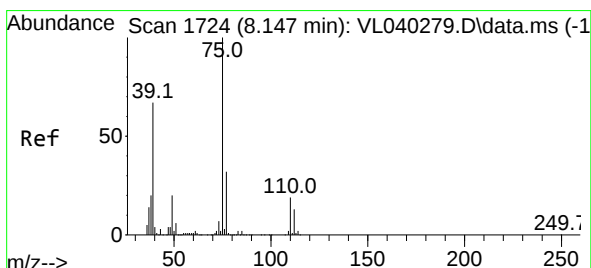
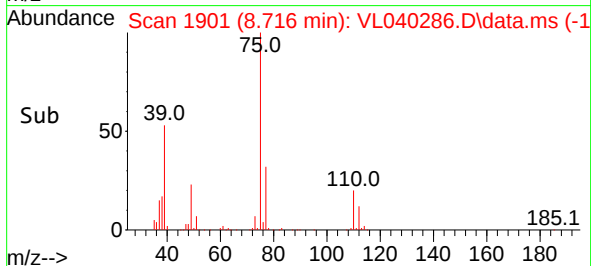
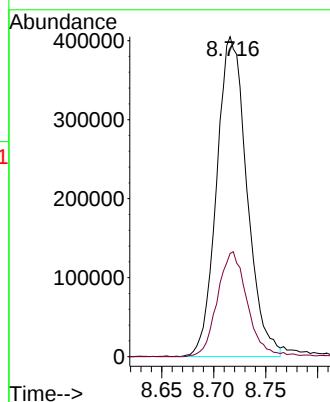
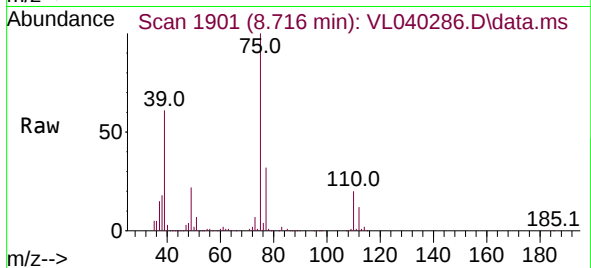
77 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#46

cis-1,3-Dichloropropene

Concen: 10.687 ppbv

RT: 8.150 min Scan# 1725

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

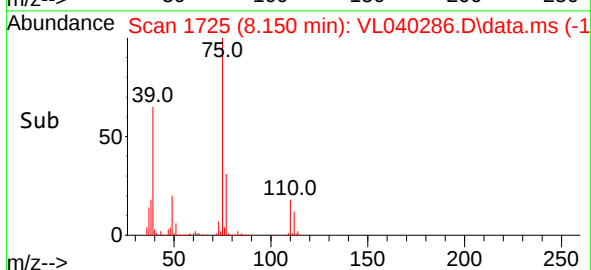
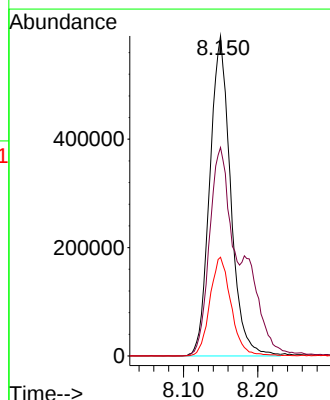
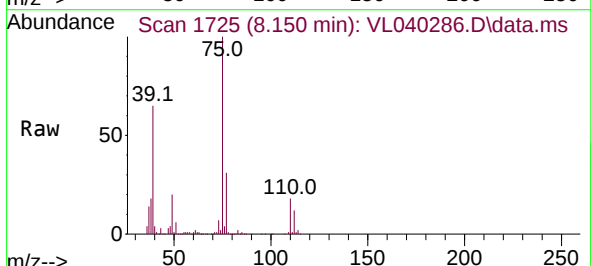
Tgt Ion: 75 Resp: 1148250

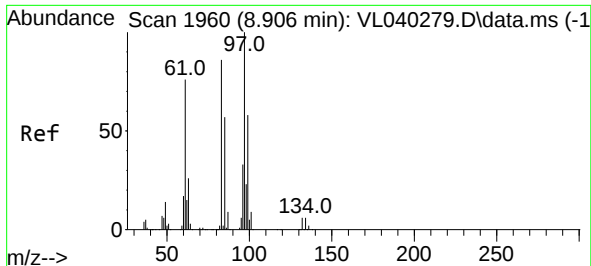
Ion Ratio Lower Upper

75 100

39 65.1 53.9 80.9

77 30.9 25.3 37.9





#47

1,1,2-Trichloroethane

Concen: 9.086 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VL040286.D

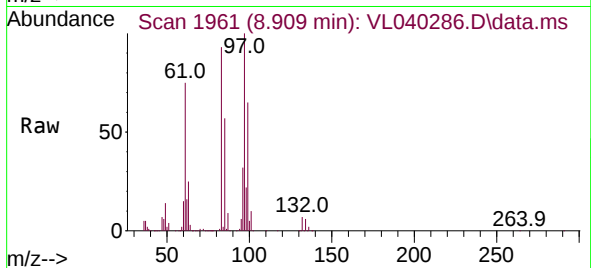
Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523



Tgt Ion: 97 Resp: 888354

Ion Ratio Lower Upper

97 100

83 92.7 68.6 103.0

85 57.2 46.0 69.0

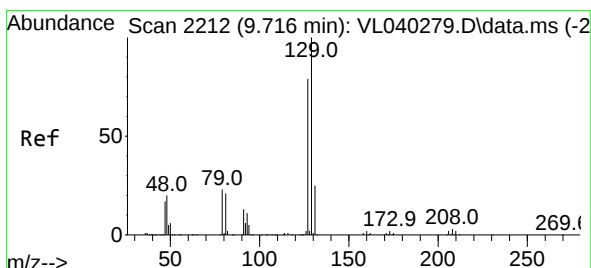
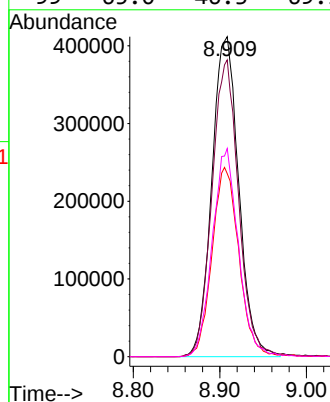
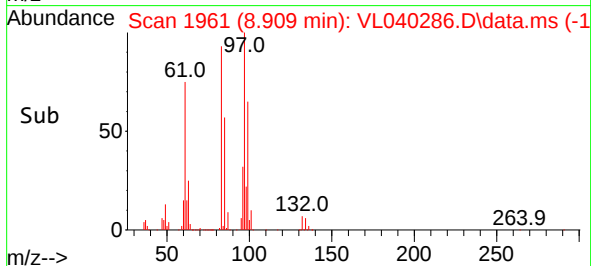
99 65.0 46.3 69.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#48

Dibromochloromethane

Concen: 9.331 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.003 min

Lab File: VL040286.D

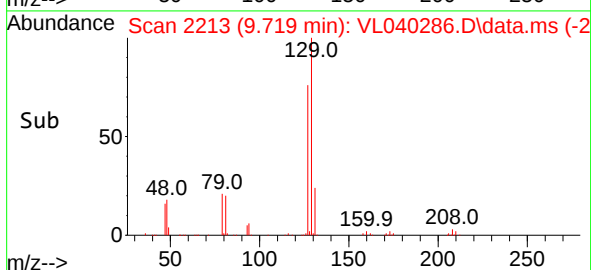
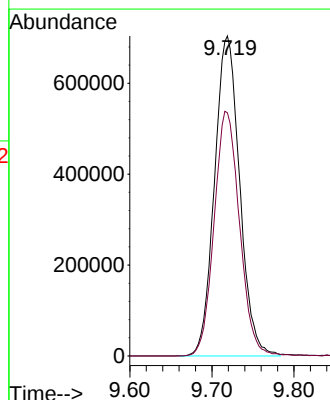
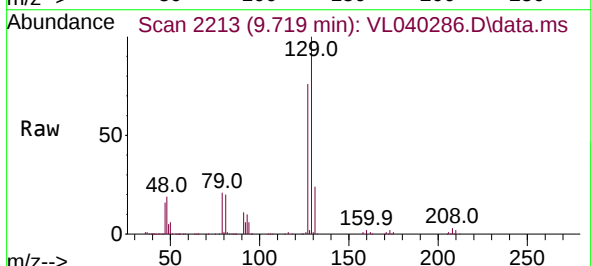
Acq: 15 Mar 2023 16:20

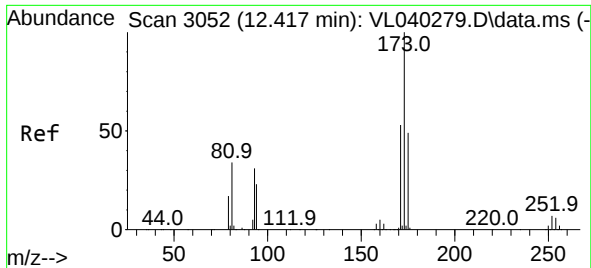
Tgt Ion:129 Resp: 1501238

Ion Ratio Lower Upper

129 100

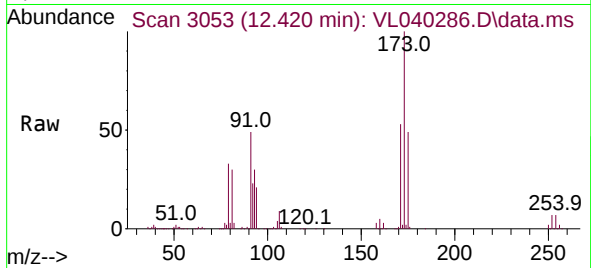
127 77.4 39.1 117.5





#49
Bromoform
Concen: 9.133 ppbv
RT: 12.420 min Scan# 3052
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

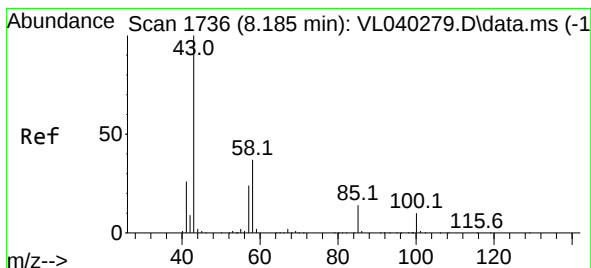
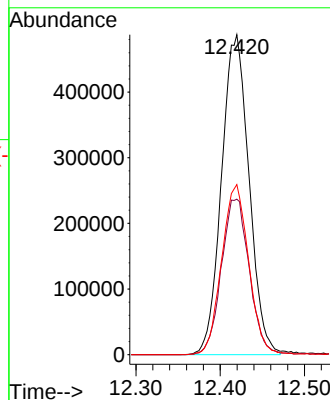
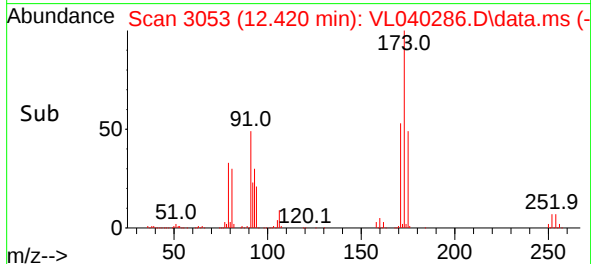
Instrument : MSVOA_L
Client Sample Id : ICVVL031523



Tgt Ion: 173 Resp: 1103689
Ion Ratio Lower Upper
173 100
175 49.8 39.8 59.8
171 52.4 42.2 63.4

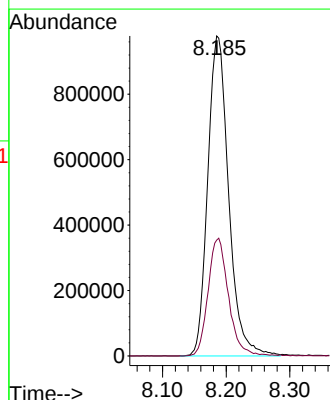
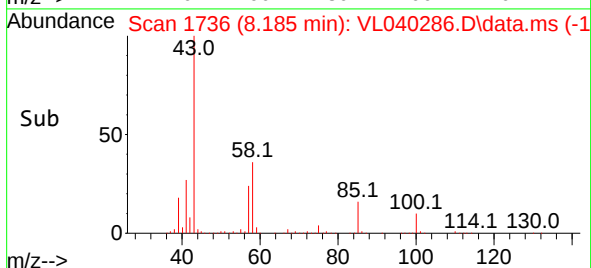
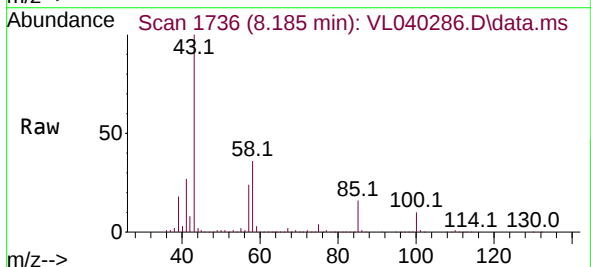
Manual Integrations
APPROVED

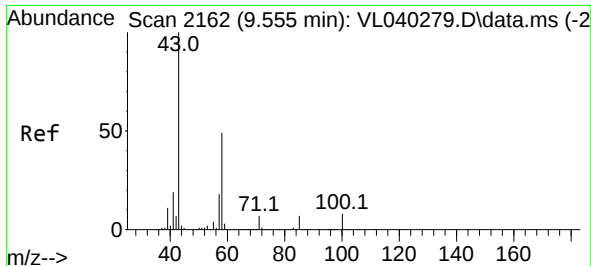
Reviewed By : Semsettin Yesilyurt 03/16/2023
Supervised By : Mahesh Dadoda 03/16/2023



#50
4-Methyl-2-Pentanone
Concen: 9.536 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

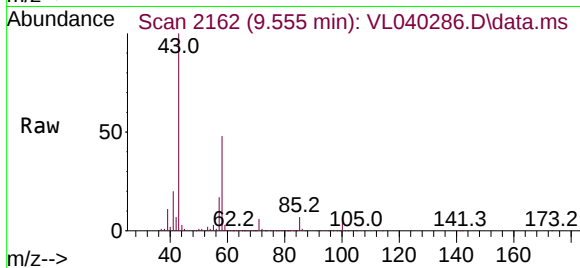
Tgt Ion: 43 Resp: 2231946
Ion Ratio Lower Upper
43 100
58 36.2 29.2 43.8





#51
2-Hexanone
Concen: 9.416 ppbv
RT: 9.555 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

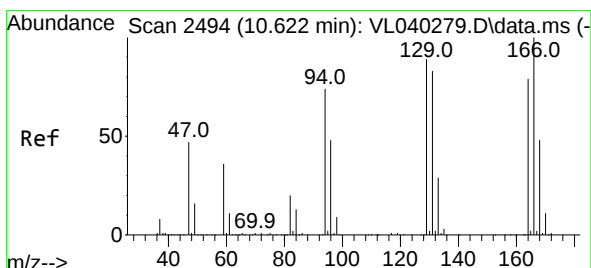
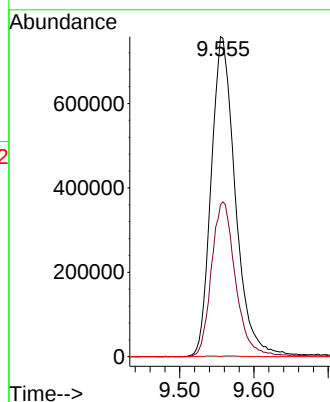
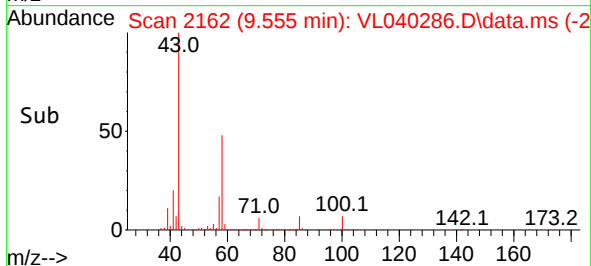
Instrument : MSVOA_L
ClientSampleId : ICVVL031523



Tgt Ion: 43 Resp: 1707338
Ion Ratio Lower Upper
43 100
58 48.4 38.0 57.0
98 0.3 0.5 0.7

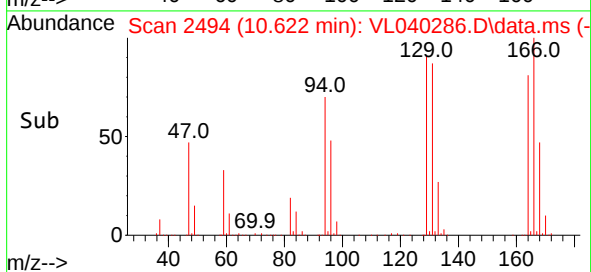
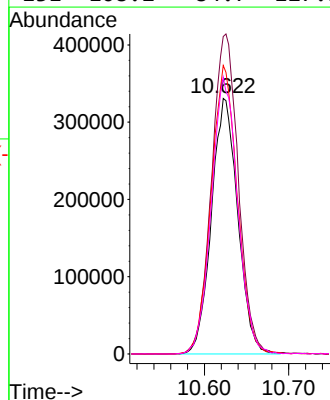
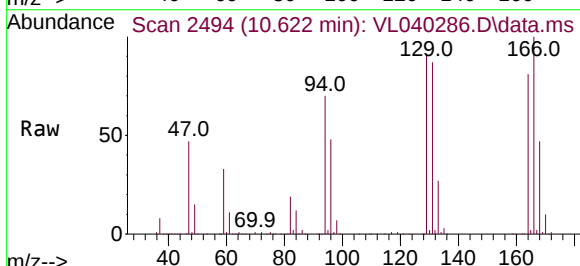
Manual Integrations
APPROVED

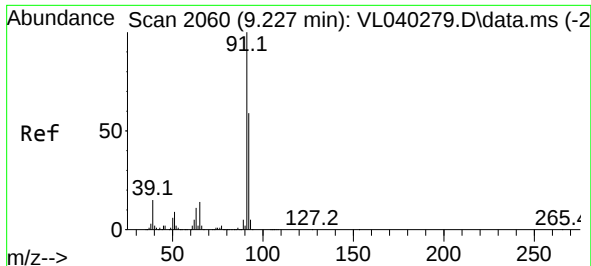
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#52
Tetrachloroethene
Concen: 10.115 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

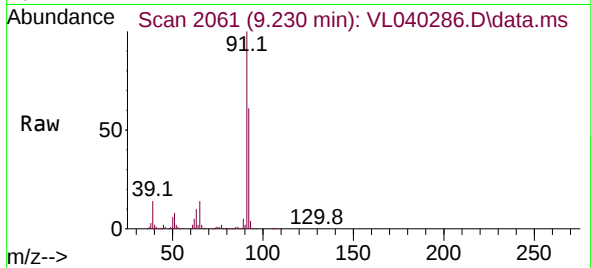
Tgt Ion:164 Resp: 714768
Ion Ratio Lower Upper
164 100
166 124.1 101.8 152.6
129 112.7 90.2 135.2
131 108.2 84.7 127.1





#53
Toluene
Concen: 10.087 ppbv
RT: 9.230 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

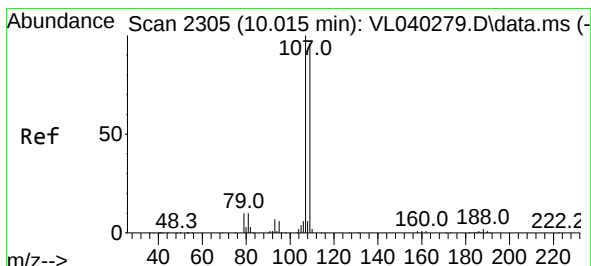
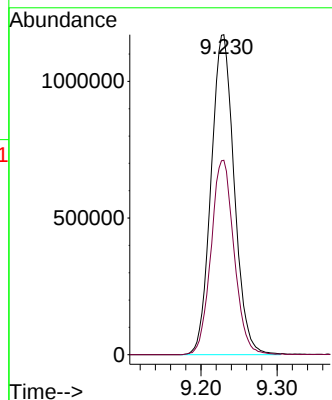
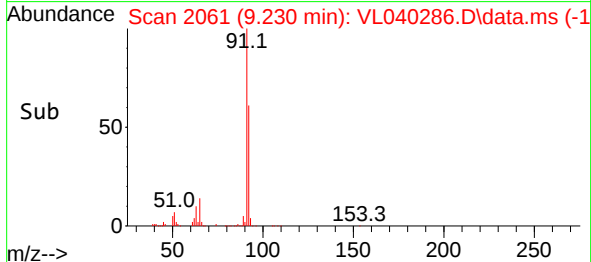
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



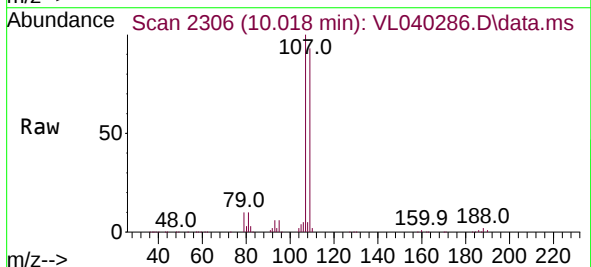
Tgt Ion: 91 Resp: 2468854
Ion Ratio Lower Upper
91 100
92 60.7 48.0 72.0

Manual Integrations
APPROVED

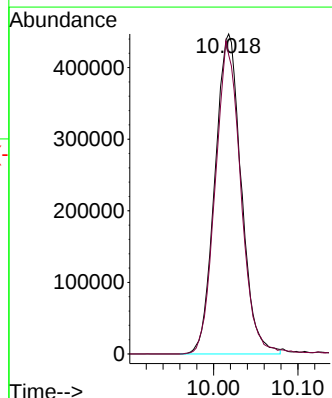
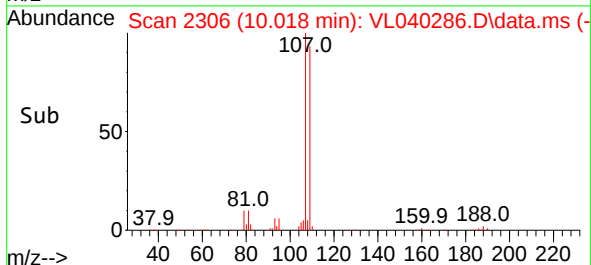
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

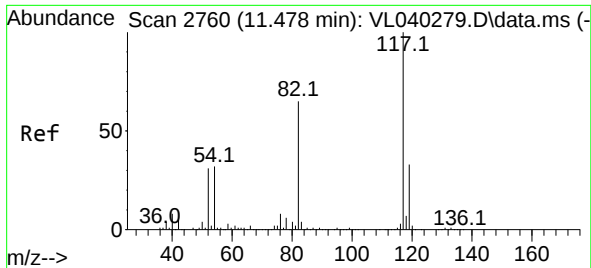


#54
1,2-Dibromoethane
Concen: 9.610 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



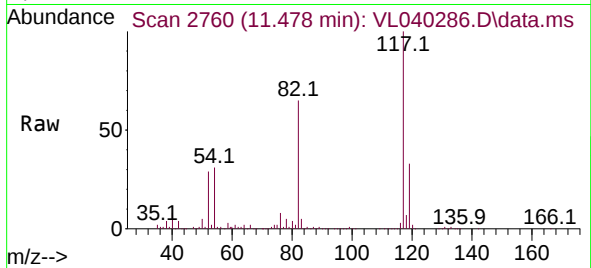
Tgt Ion:107 Resp: 967103
Ion Ratio Lower Upper
107 100
109 93.5 77.0 115.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

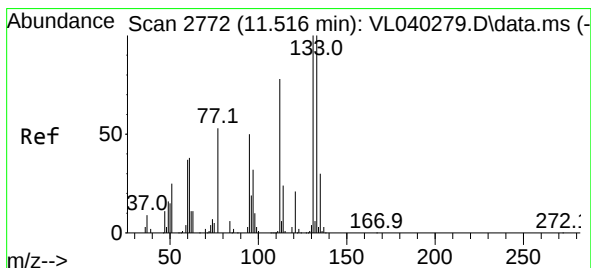
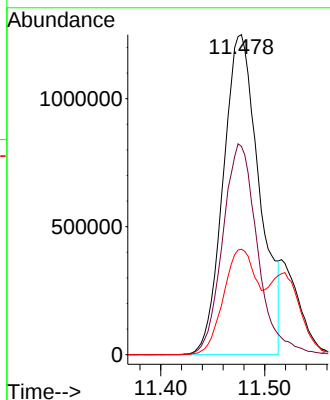
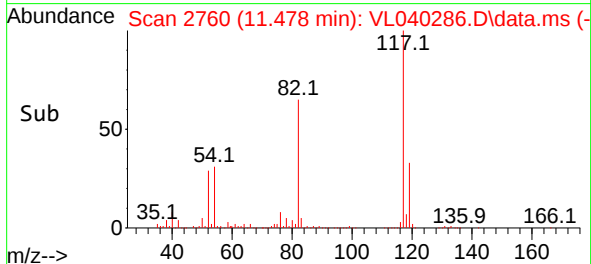
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



Tgt Ion:117 Resp: 3023490
Ion Ratio Lower Upper
117 100
82 64.1 51.4 77.2
119 33.2 24.0 36.0

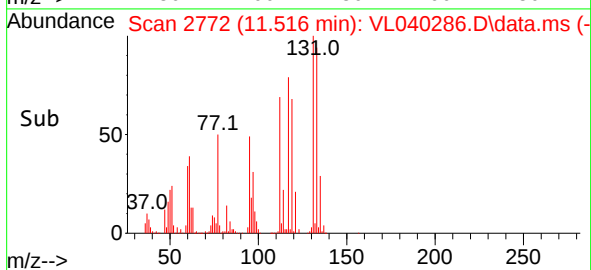
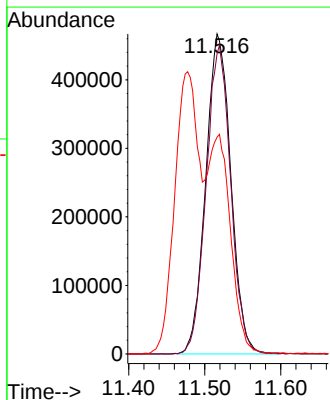
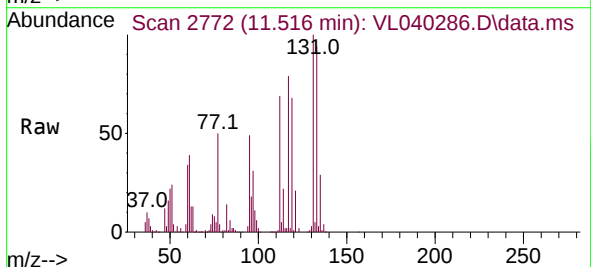
Manual Integrations
APPROVED

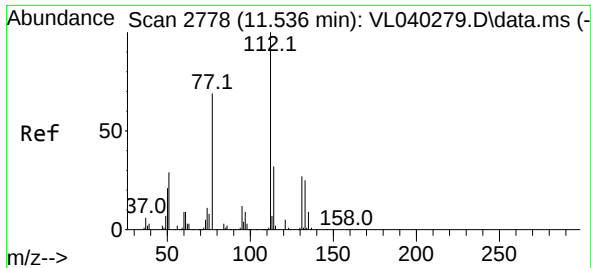
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 8.415 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

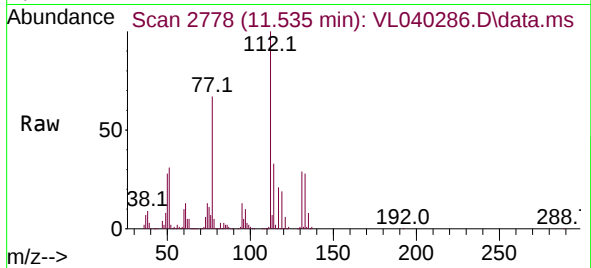
Tgt Ion:131 Resp: 1070305
Ion Ratio Lower Upper
131 100
133 94.5 76.5 114.7
119 61.1 47.9 71.9





#57
Chlorobenzene
Concen: 8.474 ppbv
RT: 11.535 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

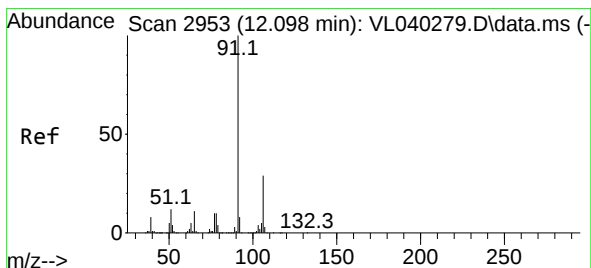
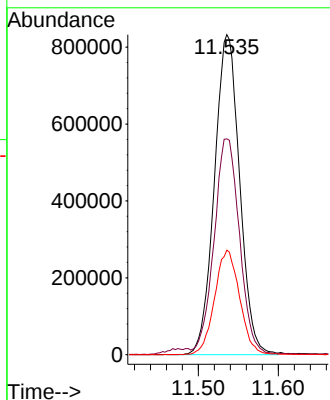
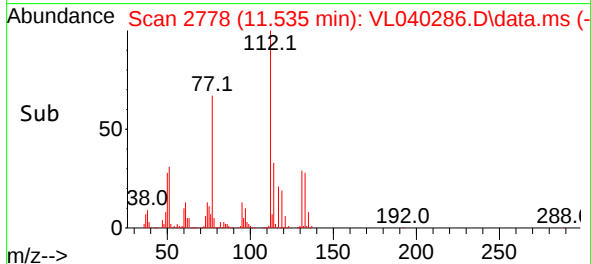
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



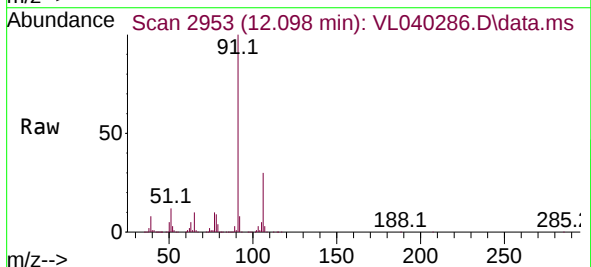
Tgt Ion:112 Resp: 182243
Ion Ratio Lower Upper
112 100
77 67.2 56.2 84.2
114 32.6 29.0 35.4

Manual Integrations
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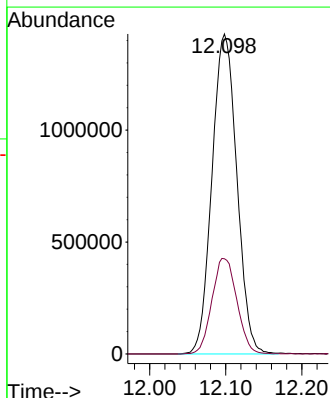
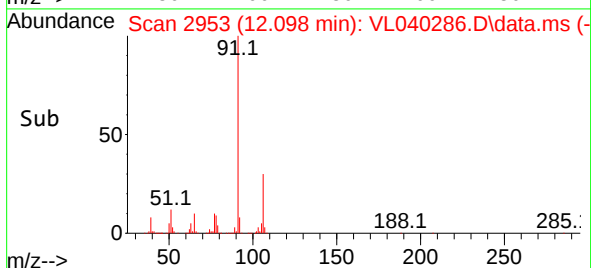
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

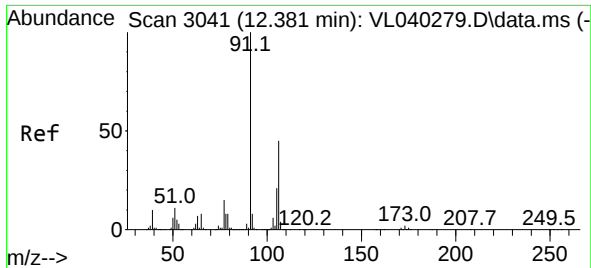


#58
Ethyl Benzene
Concen: 9.421 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



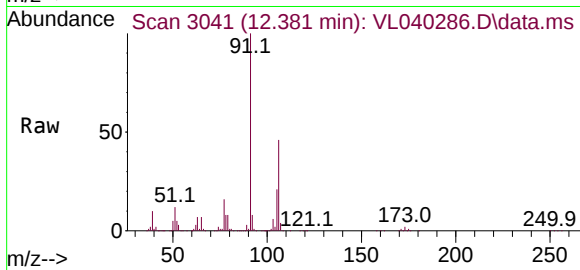
Tgt Ion: 91 Resp: 3243410
Ion Ratio Lower Upper
91 100
106 29.7 23.4 35.2





#59
m/p-Xylene
Concen: 17.533 ppbv m
RT: 12.381 min Scan# 3041
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

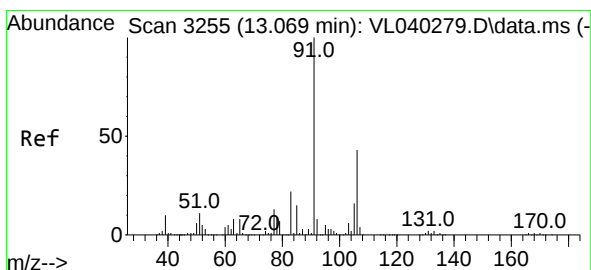
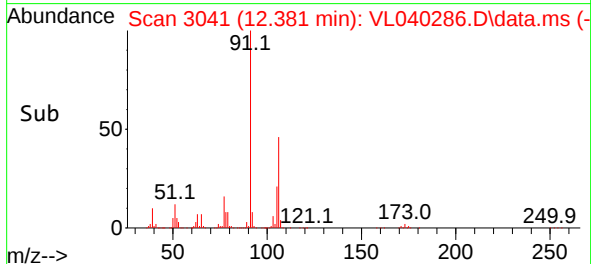
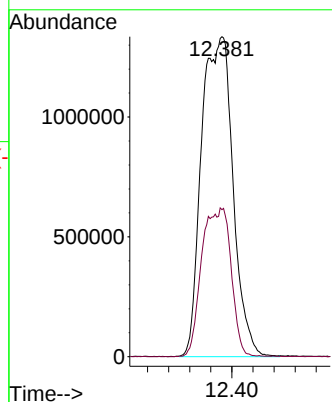
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



Tgt Ion: 91 Resp: 552943
Ion Ratio Lower Upper
91 100
106 43.4 34.0 51.0

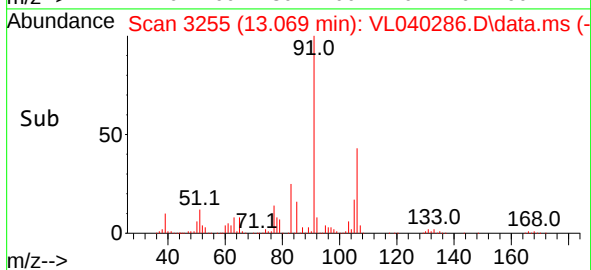
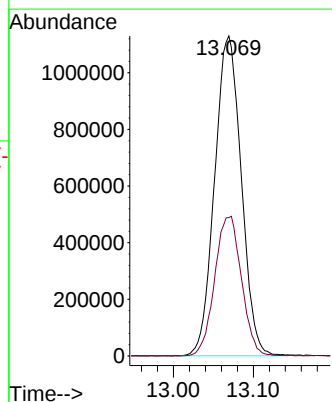
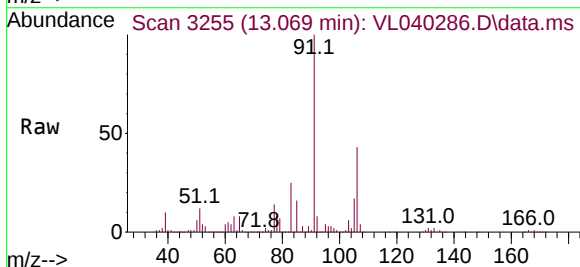
Manual Integrations
APPROVED

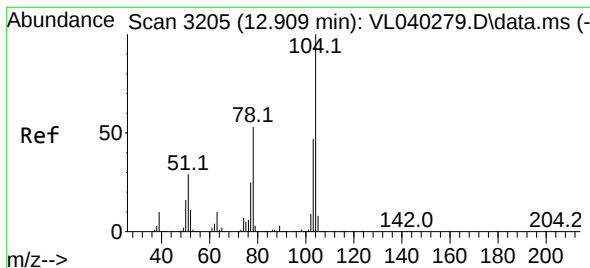
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#60
o-Xylene
Concen: 8.660 ppbv
RT: 13.069 min Scan# 3255
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Tgt Ion: 91 Resp: 2610993
Ion Ratio Lower Upper
91 100
106 44.0 21.7 65.1





#61

Styrene

Concen: 9.846 ppbv

RT: 12.908 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion:104 Resp: 1506320

Ion Ratio Lower Upper

104 100

78 53.1 43.7 65.5

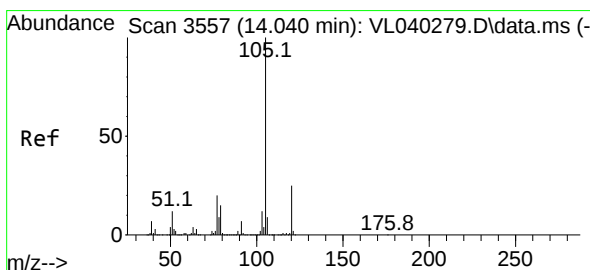
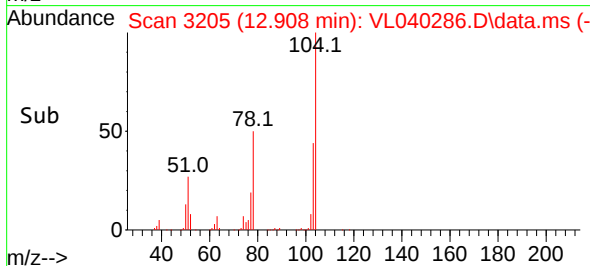
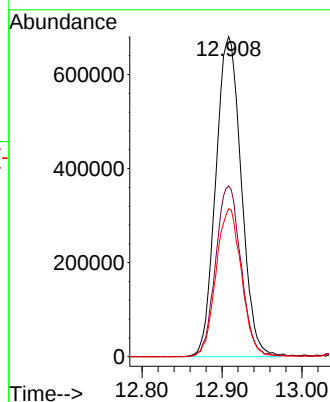
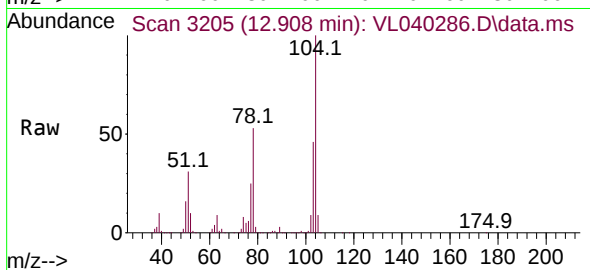
103 46.7 37.4 56.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#62

Isopropylbenzene

Concen: 8.594 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. -0.000 min

Lab File: VL040286.D

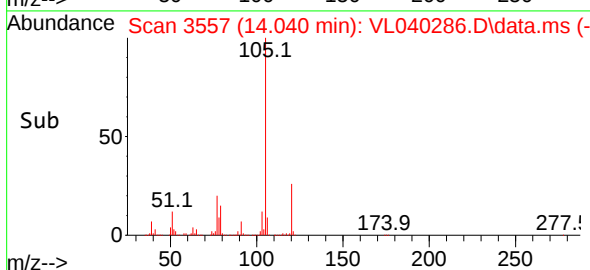
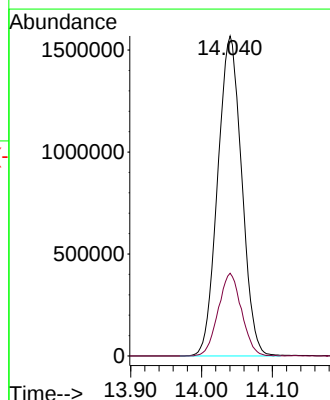
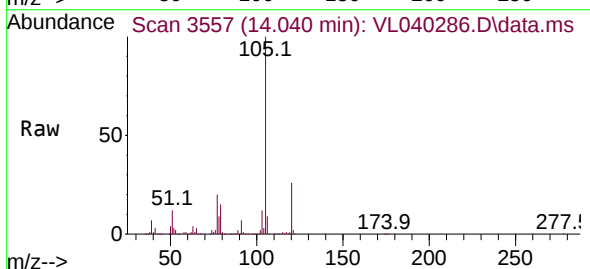
Acq: 15 Mar 2023 16:20

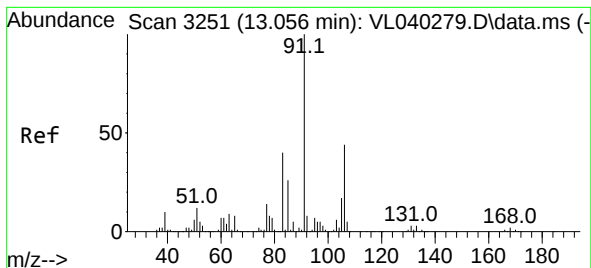
Tgt Ion:105 Resp: 3689593

Ion Ratio Lower Upper

105 100

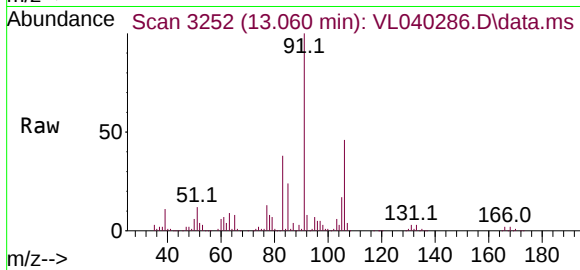
120 25.2 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 7.817 ppbv
RT: 13.060 min Scan# 3251
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

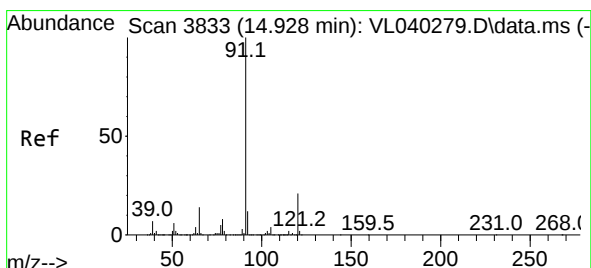
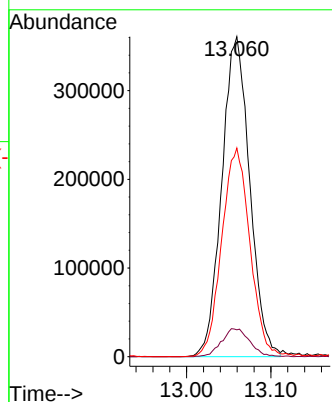
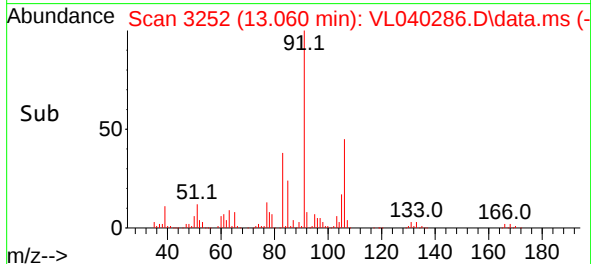
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



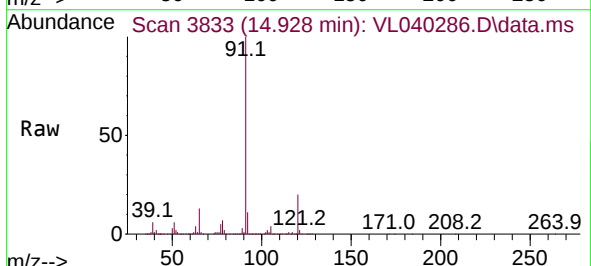
Tgt Ion: 83 Resp: 829240
Ion Ratio Lower Upper
83 100
131 8.9 4.3 12.9
85 66.6 32.7 98.1

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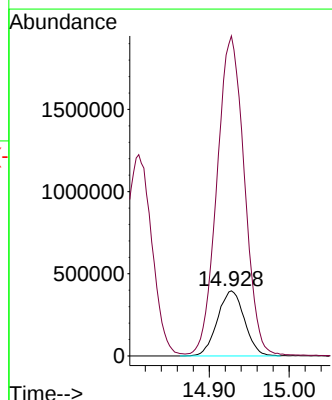
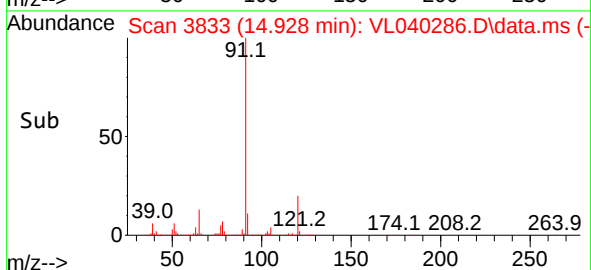
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

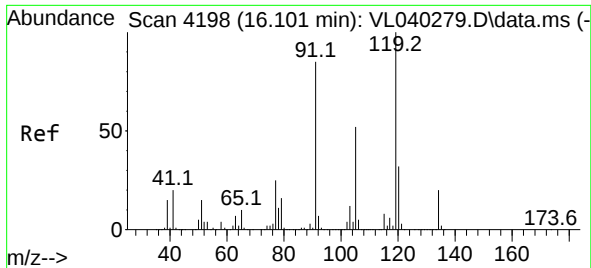


#64
n-propylbenzene
Concen: 8.848 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



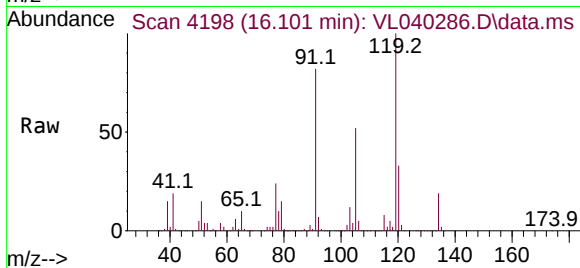
Tgt Ion:120 Resp: 929599
Ion Ratio Lower Upper
120 100
91 499.7 399.0 598.6





#65
tert-Butylbenzene
Concen: 8.814 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

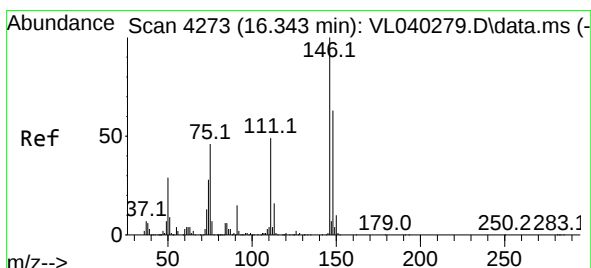
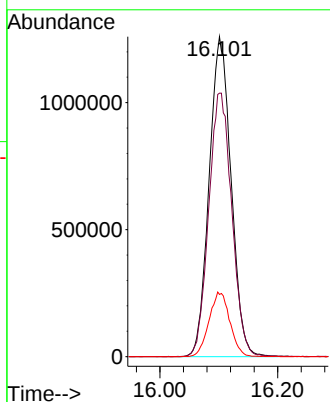
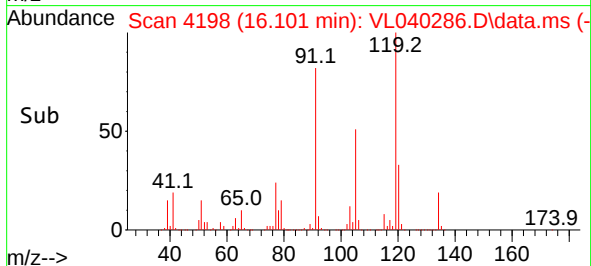
Instrument : MSVOA_L
ClientSampleId : ICVVL031523



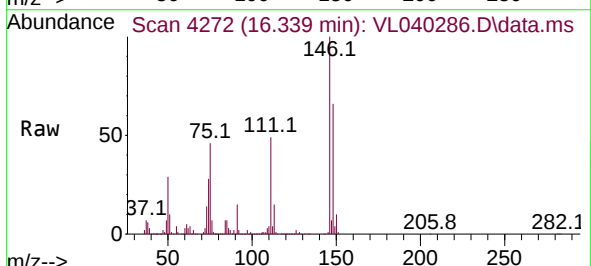
Tgt Ion: 119 Resp: 326095
Ion Ratio Lower Upper
119 100
91 86.7 69.4 104.2
134 19.3 15.8 23.6

Manual Integrations
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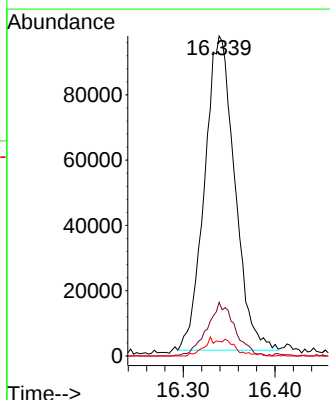
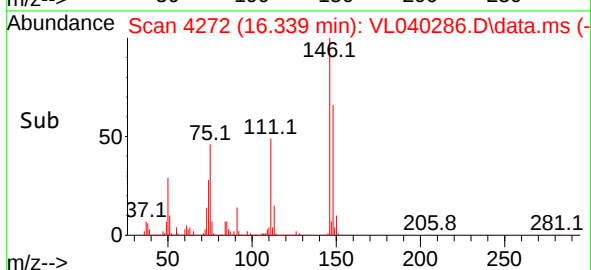
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

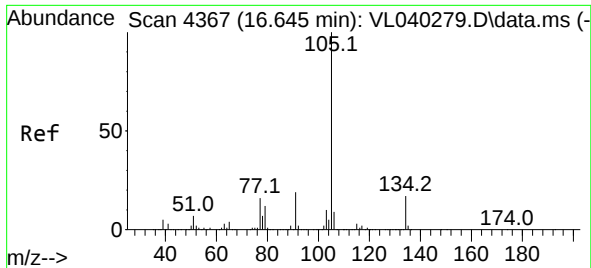


#66
Benzyl Chloride
Concen: 9.153 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



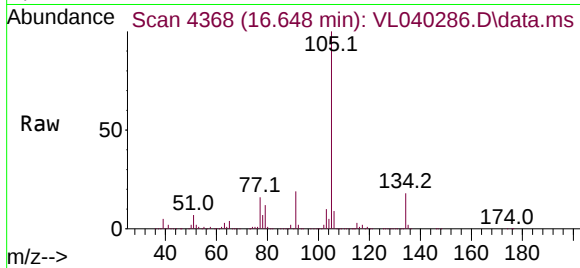
Tgt Ion: 91 Resp: 220078
Ion Ratio Lower Upper
91 100
126 15.7 12.1 18.1
128 5.4 3.8 5.6





#67
 sec-Butylbenzene
 Concen: 8.831 ppbv
 RT: 16.648 min Scan# 4367
 Delta R.T. 0.003 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20

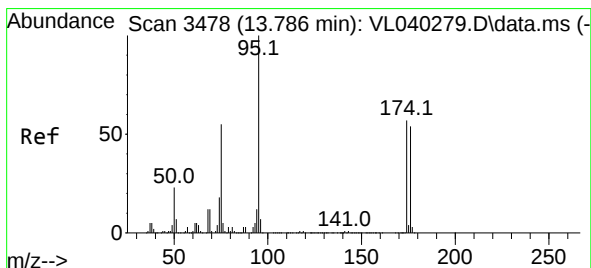
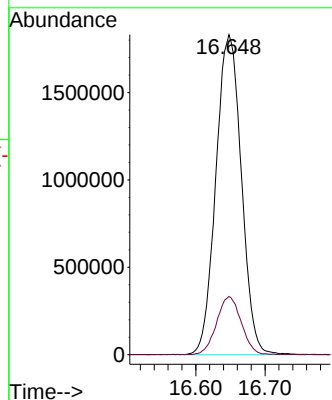
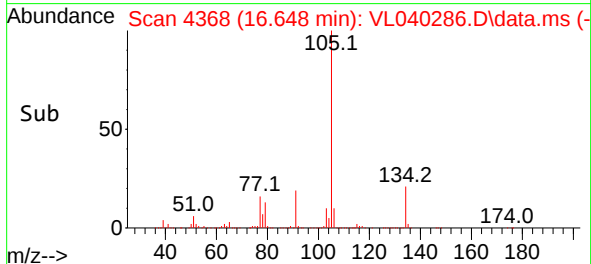
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031523



Tgt Ion: 105 Resp: 4672660
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.0 21.0

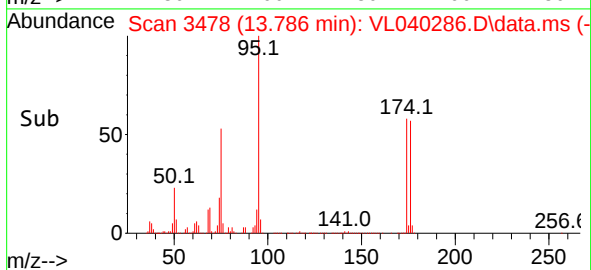
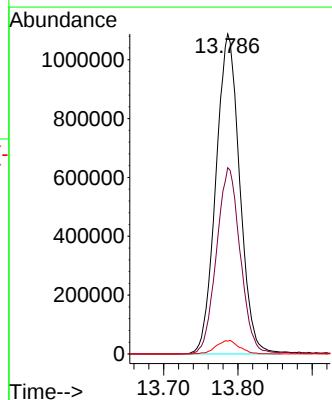
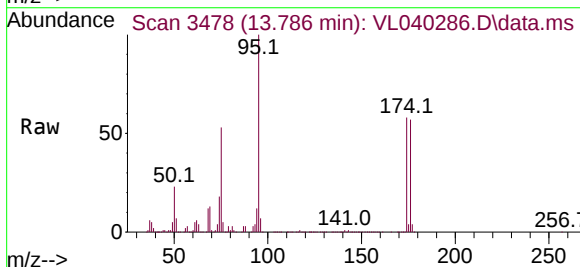
Manual Integrations
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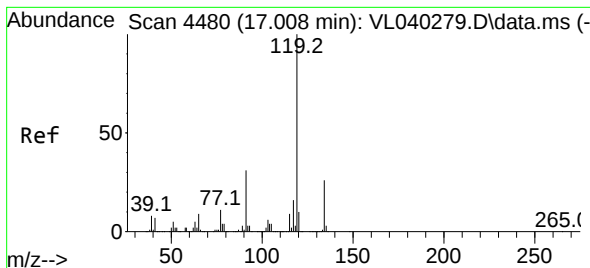
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.580 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.000 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20

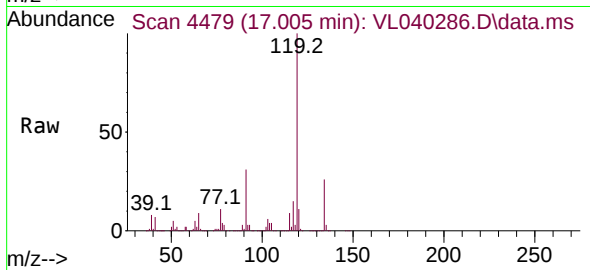
Tgt Ion: 95 Resp: 2425639
 Ion Ratio Lower Upper
 95 100
 174 58.6 47.0 70.6
 175 4.2 3.4 5.2





#69
p-Isopropyltoluene
Concen: 9.292 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523

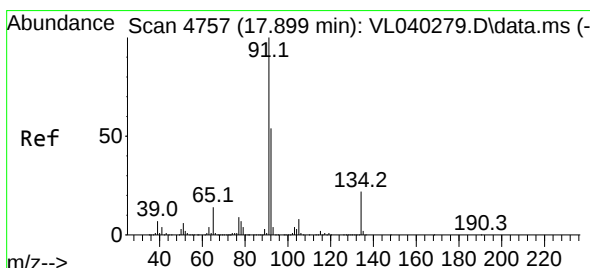
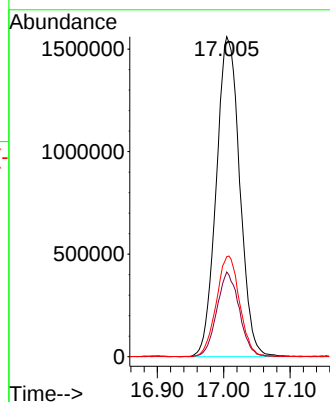
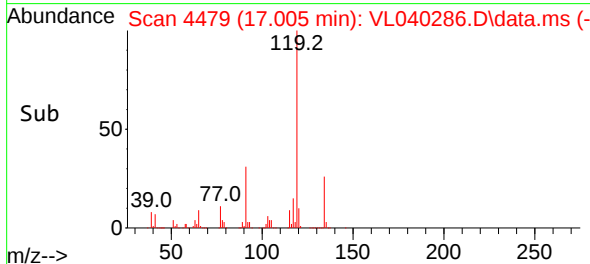


Tgt Ion: 119 Resp: 382884

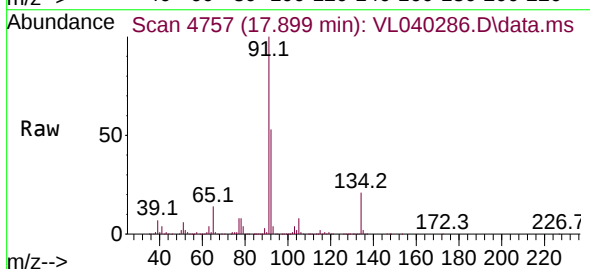
Ion	Ratio	Lower	Upper
119	100		
134	25.4	20.2	30.2
91	31.2	25.1	37.7

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

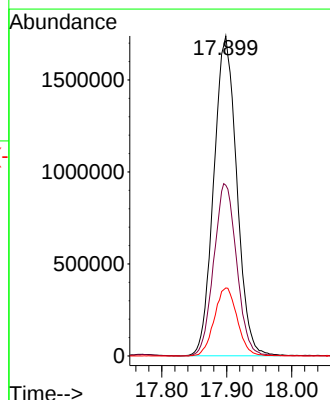
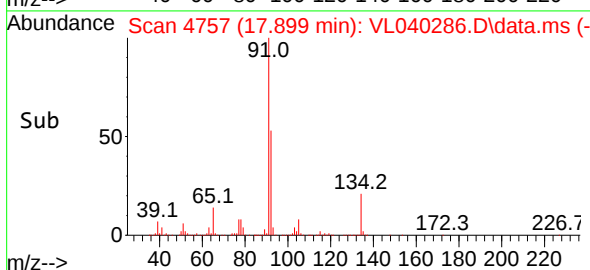


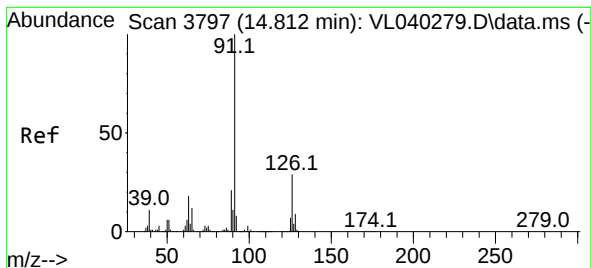
#70
n-Butylbenzene
Concen: 9.397 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



Tgt Ion: 91 Resp: 4266140

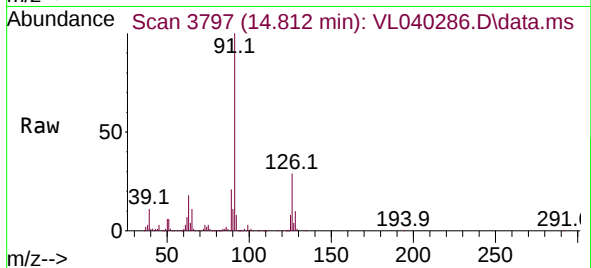
Ion	Ratio	Lower	Upper
91	100		
92	53.6	42.9	64.3
134	21.3	16.8	25.2





#71
2-Chlorotoluene
Concen: 8.742 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

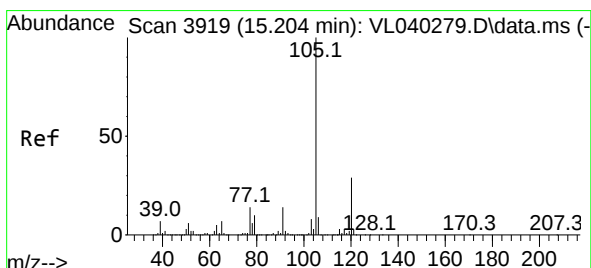
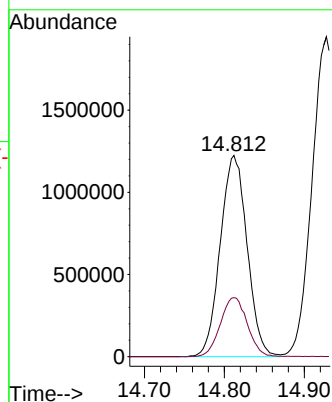
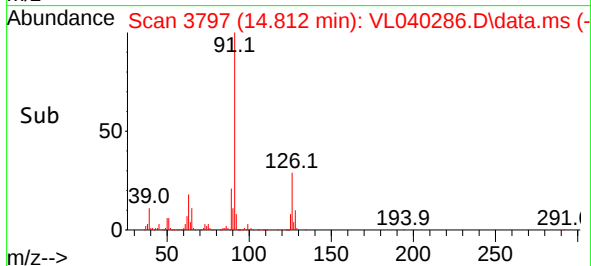
Instrument : MSVOA_L
ClientSampleId : ICVVL031523



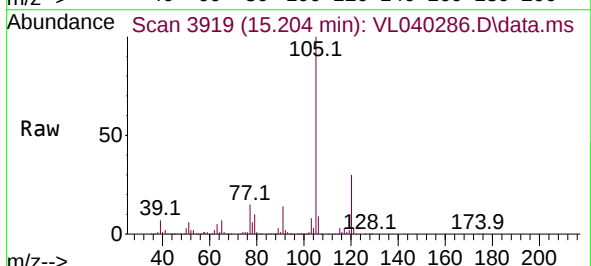
Tgt Ion: 91 Resp: 285675
Ion Ratio Lower Upper
91 100
126 29.5 11.8 47.4

Manual Integrations
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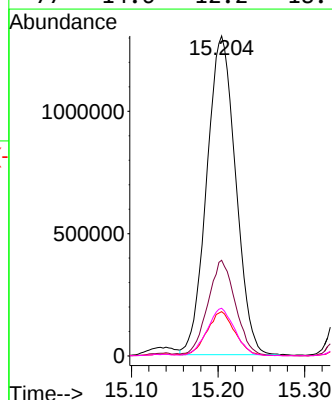
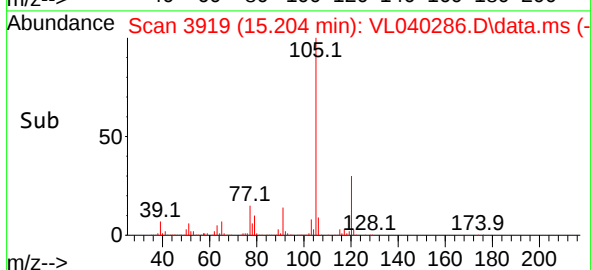
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

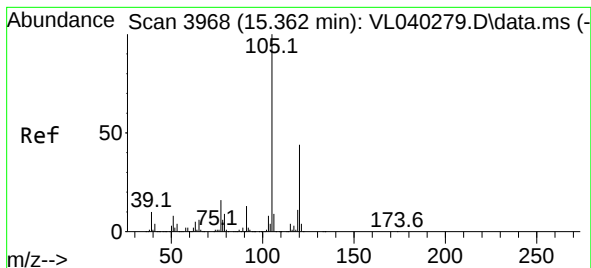


#72
4-Ethyltoluene
Concen: 9.151 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



Tgt Ion:105 Resp: 3016467
Ion Ratio Lower Upper
105 100
120 29.1 23.7 35.5
91 13.5 11.6 17.4
77 14.6 12.2 18.4





#73

1,3,5-Trimethylbenzene

Concen: 8.985 ppbv

RT: 15.362 min Scan# 3968

Delta R.T. -0.000 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion:105 Resp: 268258

Ion Ratio Lower Upper

105 100

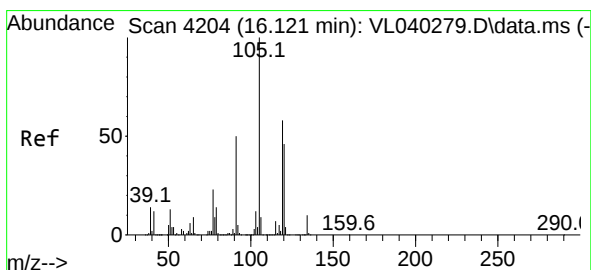
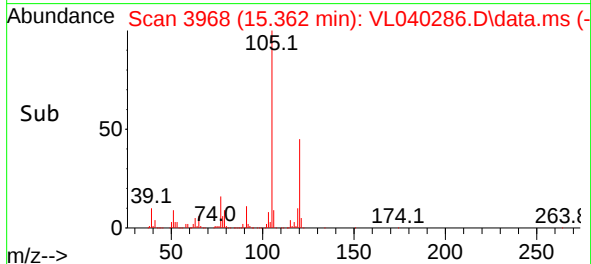
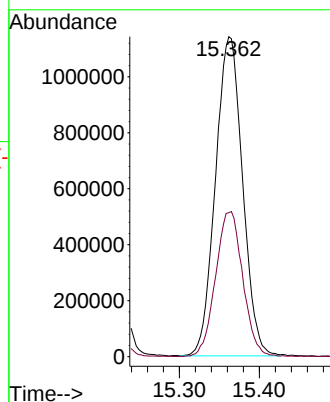
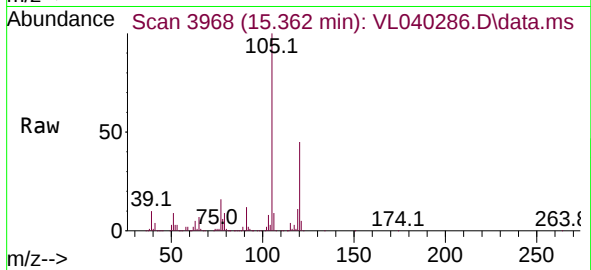
120 45.0 34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 8.735 ppbv

RT: 16.120 min Scan# 4204

Delta R.T. -0.000 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Tgt Ion:105 Resp: 2974222

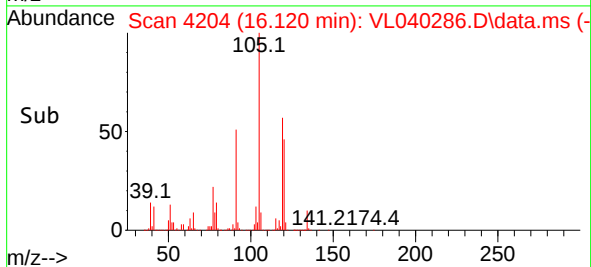
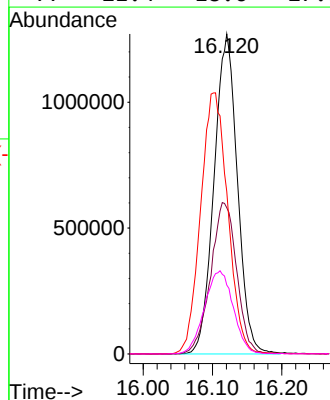
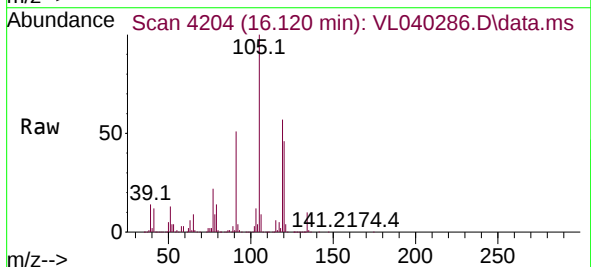
Ion Ratio Lower Upper

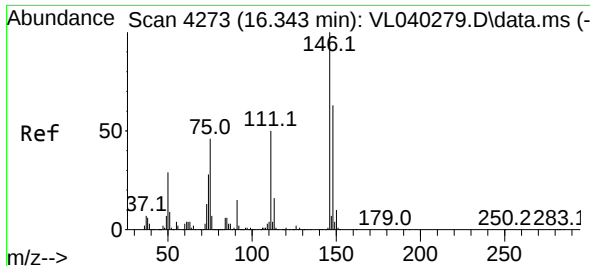
105 100

120 45.6 36.6 54.8

91 50.6 39.9 59.9

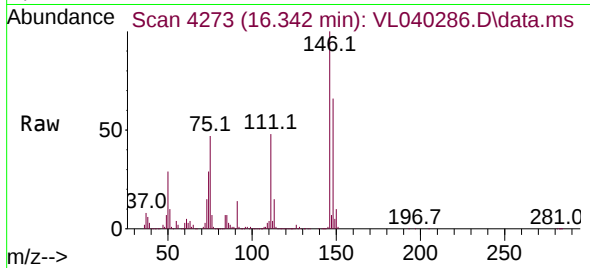
77 21.4 18.6 27.8





#75
1,3-Dichlorobenzene
Concen: 8.964 ppbv
RT: 16.342 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20

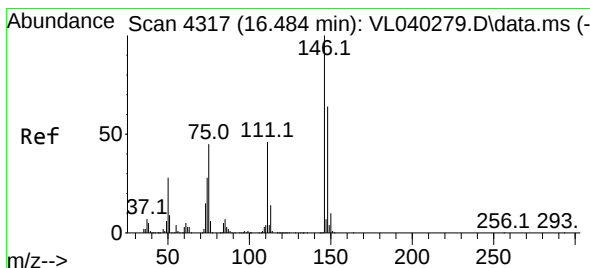
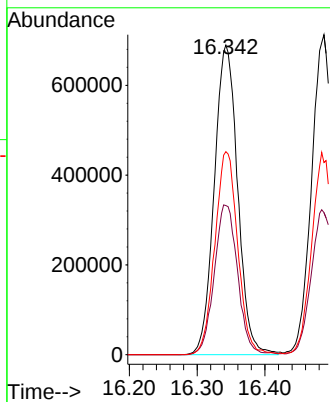
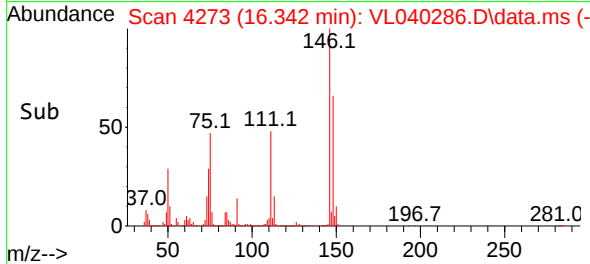
Instrument :
MSVOA_L
ClientSampleId :
ICVVL031523



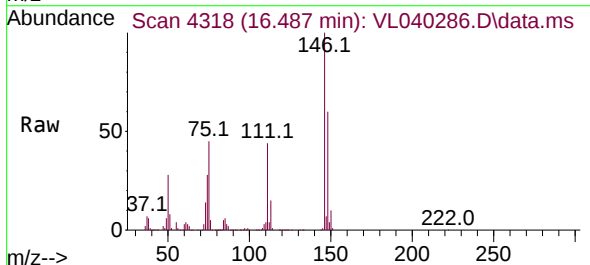
Tgt Ion:146 Resp: 1653099
Ion Ratio Lower Upper
146 100
111 48.4 24.3 73.0
148 64.3 31.9 95.5

Manual Integrations
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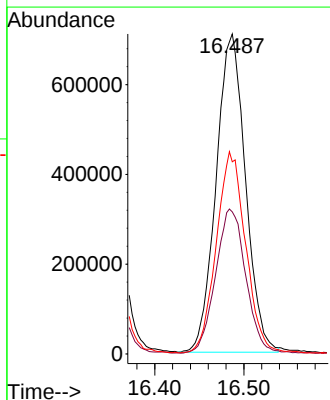
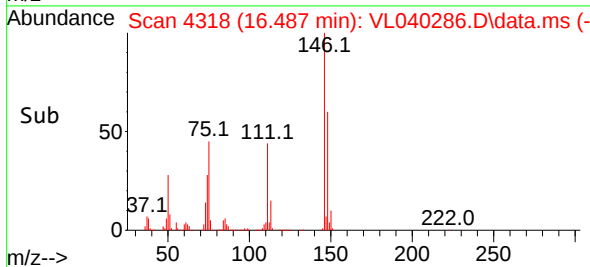
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

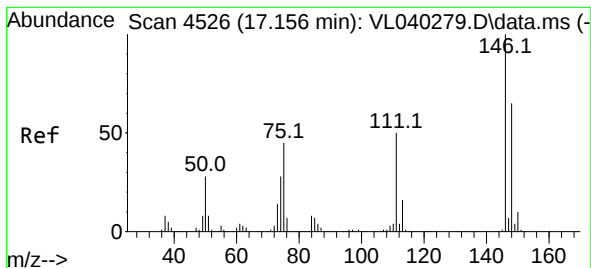


#76
1,4-Dichlorobenzene
Concen: 9.228 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.003 min
Lab File: VL040286.D
Acq: 15 Mar 2023 16:20



Tgt Ion:146 Resp: 1623205
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.2
148 64.0 32.5 97.5





#77

1,2-Dichlorobenzene

Concen: 9.268 ppbv

RT: 17.156 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion:146 Resp: 1642934

Ion Ratio Lower Upper

146 100

111 50.8 25.2 75.6

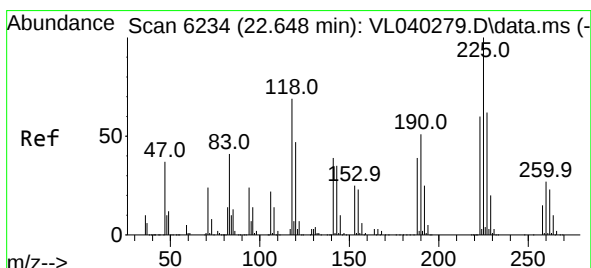
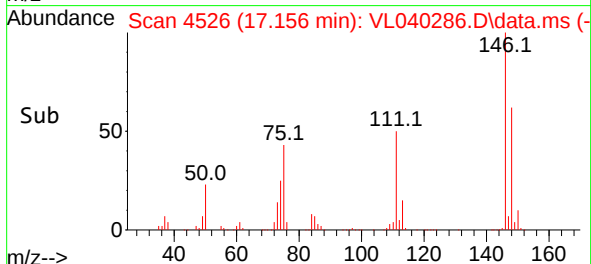
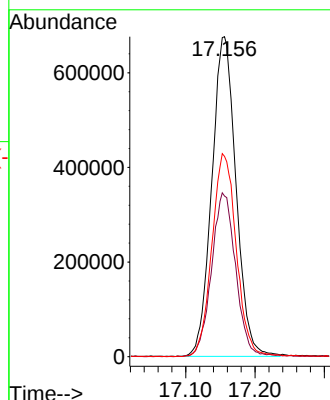
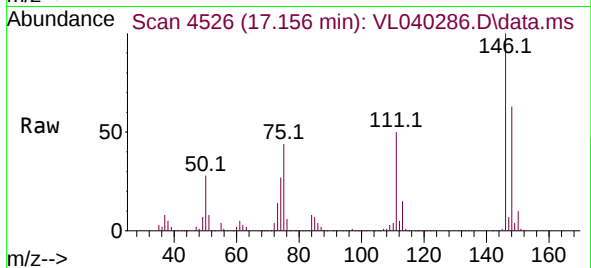
148 63.9 32.1 96.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#78

Hexachloro-1,3-Butadiene

Concen: 8.808 ppbv

RT: 22.651 min Scan# 6235

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

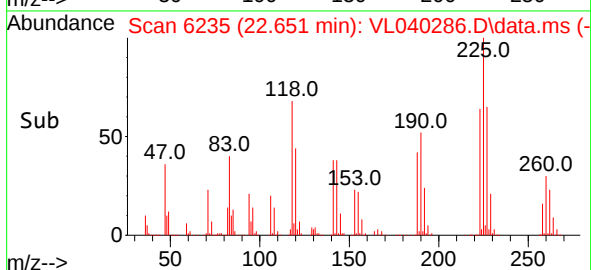
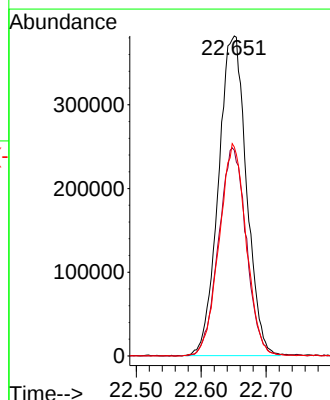
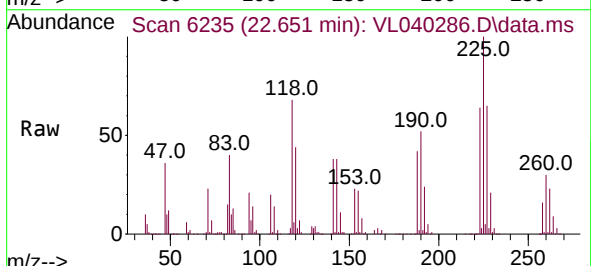
Tgt Ion:225 Resp: 1145081

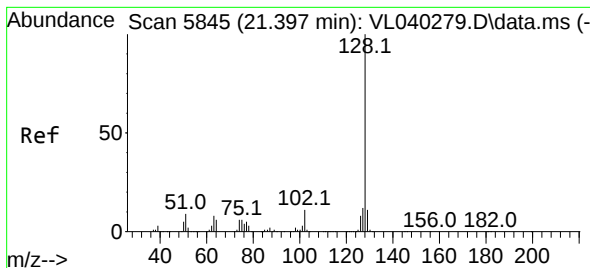
Ion Ratio Lower Upper

225 100

223 64.6 51.0 76.6

227 64.3 51.4 77.2





#79

Naphthalene

Concen: 11.881 ppbv

RT: 21.400 min Scan# 5846

Delta R.T. 0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

Instrument :

MSVOA_L

ClientSampleId :

ICVVL031523

Tgt Ion:128 Resp: 239318

Ion Ratio Lower Upper

128 100

127 12.4 9.6 14.4

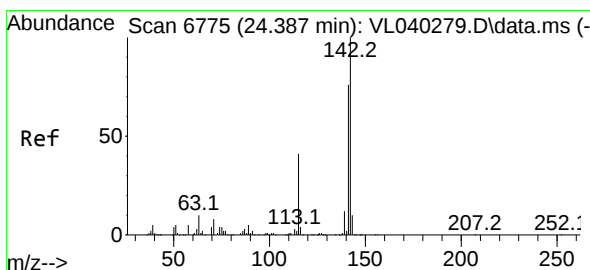
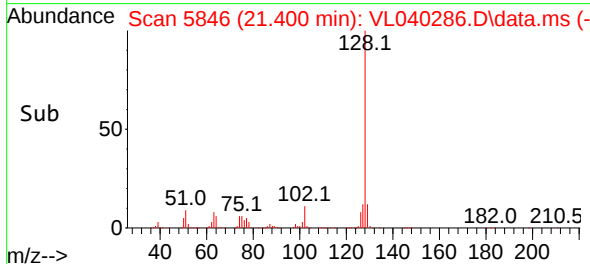
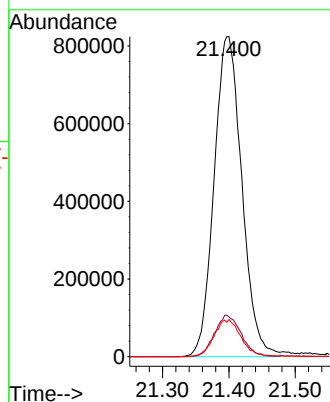
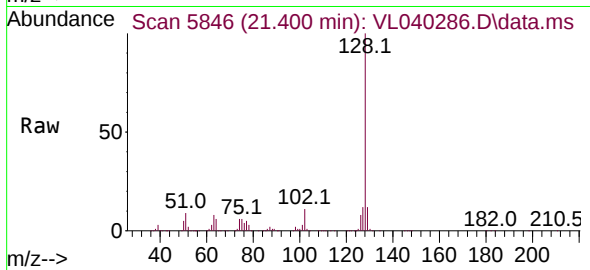
129 11.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#80

Naphthalene,2-methyl-

Concen: 9.745 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. -0.003 min

Lab File: VL040286.D

Acq: 15 Mar 2023 16:20

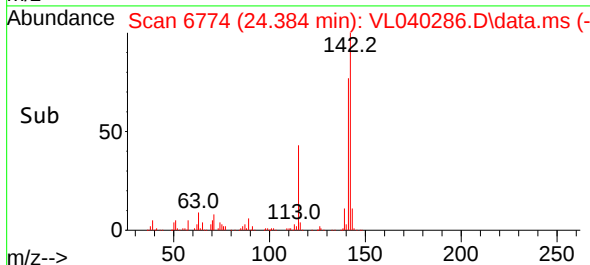
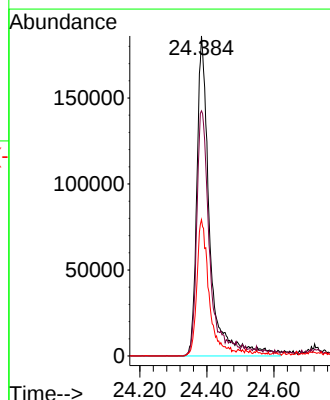
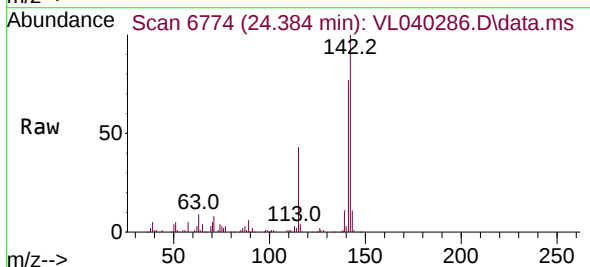
Tgt Ion:142 Resp: 497144

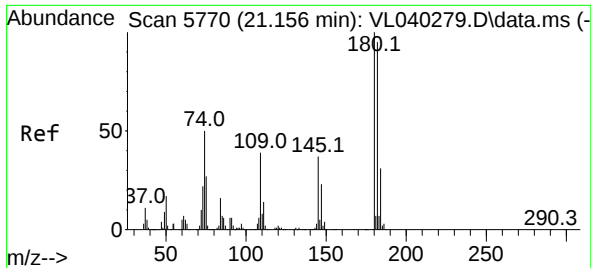
Ion Ratio Lower Upper

142 100

141 80.7 65.5 98.3

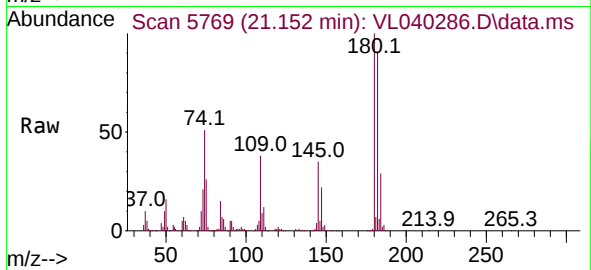
115 40.7 33.5 50.3





#81
 1,2,4-Trichlorobenzene
 Concen: 9.939 ppbv
 RT: 21.152 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: VL040286.D
 Acq: 15 Mar 2023 16:20

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL031523



Tgt Ion:180 Resp: 1233120
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.1 114.1
 184 30.8 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

