

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040904.D
 Acq On : 27 Nov 2023 10:58
 Operator : SY/MD
 Sample : VL1127ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABS01

Quant Time: Nov 28 04:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Nov 28 04:31:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

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

Internal Standards						
1) Bromochloromethane	5.227	49	913402	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.681	114	2271058	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2138941	10.000	ppbv	0.00

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 13.793 95 1714632 10.239 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.400%

Target Compounds	Qvalue					
2) Dichlorodifluoromethane	2.780	85	1817874	9.817	ppbv	99
3) Chlorodifluoromethane	2.726	51	1424870	9.770	ppbv	100
4) Chloromethane	2.864	50	514850	9.818	ppbv	94
5) Vinyl Chloride	2.970	62	520297	9.975	ppbv	100
6) Bromomethane	3.166	94	206065	10.350	ppbv	100
7) Chloroethane	3.243	64	183082	10.138	ppbv	93
8) Dichlorotetrafluoroethane	2.906	85	1335753	9.991	ppbv	98
9) Propene	2.745	41	478688	9.740	ppbv	99
10) Heptane	7.607	43	1211299	10.018	ppbv	100
11) Trichlorofluoromethane	3.607	101	1430887	10.057	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.105	101	1282462	12.689	ppbv	94
13) Ethanol	3.285	45	87075	9.124	ppbv #	100
14) Bromoethene	3.411	108	410725	10.103	ppbv	97
15) Acetone	3.510	43	987804	10.154	ppbv	99
16) 1,3-Butadiene	3.031	39	527886	10.726	ppbv	99
17) tert-Butyl alcohol	3.919	59	860747	10.347	ppbv	100
18) 1,1-Dichloroethene	3.922	96	475141	10.547	ppbv	95
19) Isopropyl Alcohol	3.620	45	623156	10.644	ppbv	100
20) Methylene Chloride	3.973	84	457006	11.383	ppbv	95
21) Allyl Chloride	4.038	41	720971	11.581	ppbv	97
22) trans-1,2-Dichloroethene	4.485	96	580663	11.357	ppbv	95
23) Vinyl Acetate	4.661	43	1435151	11.425	ppbv	99
24) 1,1-Dichloroethane	4.600	63	1210915	10.815	ppbv	98
25) Ethyl Acetate	5.237	43	2109275	10.472	ppbv	100
26) Hexane	5.247	57	919642	10.316	ppbv	100
27) Carbon Disulfide	4.166	76	1446201	12.793	ppbv	99
28) Methyl tert-Butyl Ether	4.623	73	844349	10.473	ppbv	99
29) Chloroform	5.308	83	1527849	10.112	ppbv	99
30) Cyclohexane	6.632	84	732750	9.554	ppbv	94
31) cis-1,2-Dichloroethene	5.115	61	947183	10.737	ppbv	99
32) 1,1,1-Trichloroethane	6.037	97	1524381	10.814	ppbv	99
34) 2-Butanone	4.819	43	1319571	11.405	ppbv	99
35) Carbon Tetrachloride	6.526	117	1604730	11.517	ppbv	98
36) Benzene	6.401	78	1883734	10.220	ppbv	98
37) 1,2-Dichloroethane	5.838	62	1165634	10.722	ppbv	100
38) Trichloroethene	7.317	130	708111	9.884	ppbv	99
39) 1,2-Dichloropropane	7.099	63	744510	10.187	ppbv	98
40) 1,4-Dioxane	7.308	88	297717	10.267	ppbv #	55
41) Tetrahydrofuran	5.587	42	780963	10.964	ppbv	99
42) Bromodichloromethane	7.279	83	1696658	10.906	ppbv	97
43) Methyl Methacrylate	7.497	69	772601	11.000	ppbv	97
44) 2,2,4-Trimethylpentane	7.353	57	3181191	10.390	ppbv	99
45) t-1,3-Dichloropropene	8.732	75	536132	12.989	ppbv	96

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 11/28/2023
 Supervised By : Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 04:36:27 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

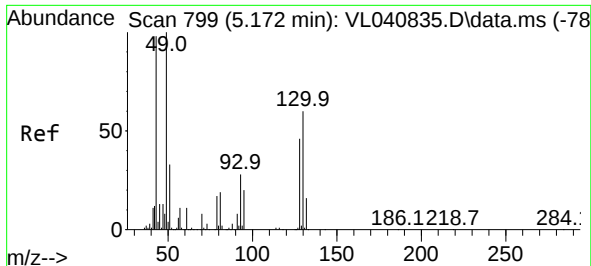
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Nov 28 04:31:59 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	661435	12.359	ppbv	98
47) 1,1,2-Trichloroethane	8.922	97	782785	10.222	ppbv	98
48) Dibromochloromethane	9.732	129	1398087	11.003	ppbv	99
49) Bromoform	12.430	173	1102233	11.533	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	1990939	11.120	ppbv	100
51) 2-Hexanone	9.571	43	1456762	11.542	ppbv #	99
52) Tetrachloroethene	10.635	164	642321	10.349	ppbv	97
53) Toluene	9.243	91	2149314	10.597	ppbv	99
54) 1,2-Dibromoethane	10.031	107	1072058	10.878	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	988057	10.793	ppbv	100
57) Chlorobenzene	11.545	112	1634362	10.309	ppbv	99
58) Ethyl Benzene	12.108	91	2915690	10.448	ppbv	99
59) m/p-Xylene	12.391	91	4967005m	20.900	ppbv	
60) o-Xylene	13.076	91	2353879	10.404	ppbv	98
61) Styrene	12.915	104	1194507	10.948	ppbv	100
62) Isopropylbenzene	14.047	105	3381110	10.116	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1682552	10.493	ppbv	100
64) n-propylbenzene	14.934	120	873767	10.430	ppbv	94
65) tert-Butylbenzene	16.108	119	2918715	10.356	ppbv	98
66) Benzyl Chloride	16.349	91	117080	11.274	ppbv #	100
67) sec-Butylbenzene	16.651	105	4136147	10.274	ppbv	99
69) p-Isopropyltoluene	17.008	119	3316641	10.331	ppbv	100
70) n-Butylbenzene	17.902	91	3539389	10.441	ppbv	99
71) 2-Chlorotoluene	14.815	91	2661120	10.444	ppbv	100
72) 4-Ethyltoluene	15.211	105	2637207	10.604	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	2286379	10.395	ppbv	100
74) 1,2,4-Trimethylbenzene	16.124	105	2503893	10.201	ppbv	97
75) 1,3-Dichlorobenzene	16.346	146	1400392	10.332	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	1340169	10.328	ppbv	98
77) 1,2-Dichlorobenzene	17.156	146	1346202	10.215	ppbv	98
78) Hexachloro-1,3-Butadiene	22.648	225	738444	8.949	ppbv	100
79) Naphthalene	21.400	128	1413306	11.203	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	197252	8.857	ppbv	95
81) 1,2,4-Trichlorobenzene	21.159	180	752841	9.816	ppbv	99

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



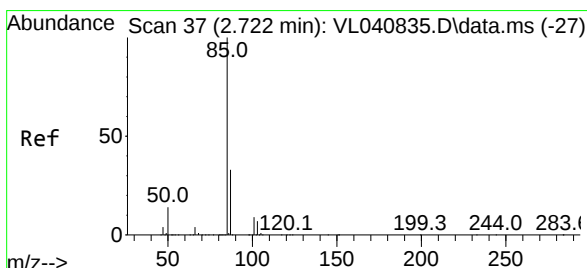
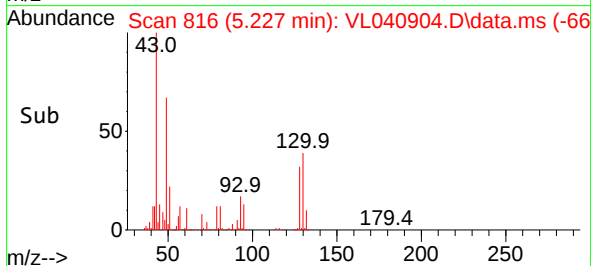
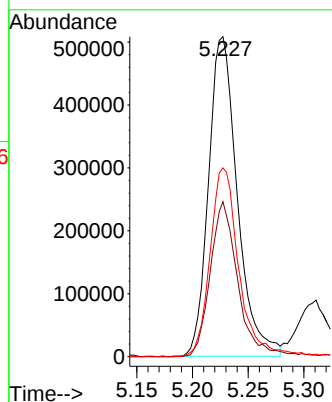
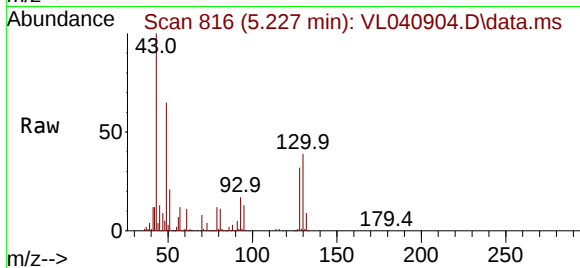
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.227 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 49 Resp: 91340
Ion Ratio Lower Upper
49 100
128 47.5 23.8 71.2
130 60.0 30.9 92.8

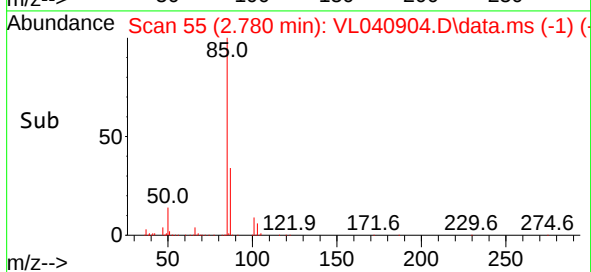
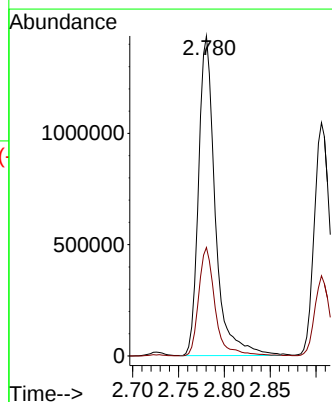
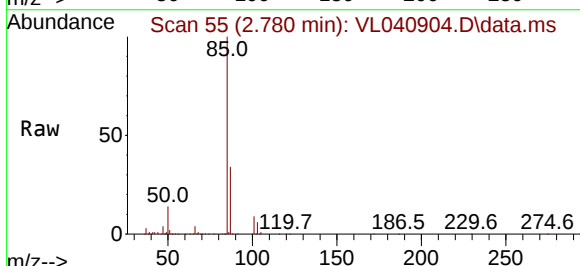
Manual Integrations
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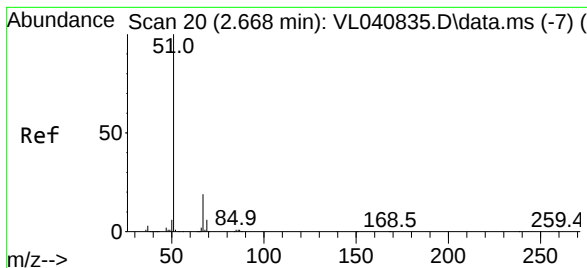
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#2
Dichlorodifluoromethane
Concen: 9.817 ppbv
RT: 2.780 min Scan# 55
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 85 Resp: 1817874
Ion Ratio Lower Upper
85 100
87 33.9 26.7 40.1





#3

Chlorodifluoromethane

Concen: 9.770 ppbv

RT: 2.726 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion: 51 Resp: 1424870

Ion Ratio Lower Upper

51 100

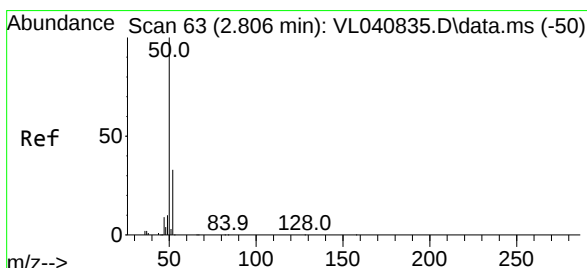
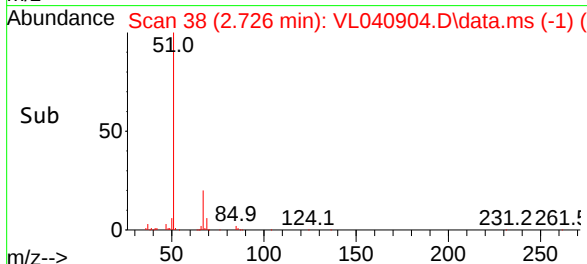
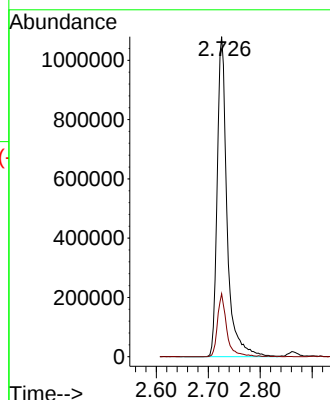
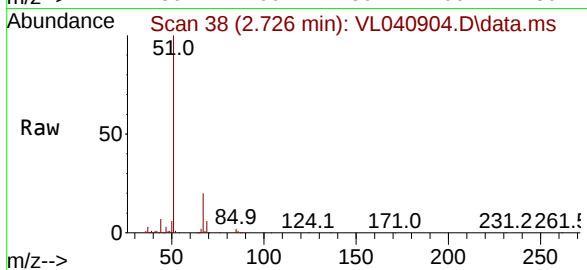
67 18.7 15.0 22.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#4

Chloromethane

Concen: 9.818 ppbv

RT: 2.864 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040904.D

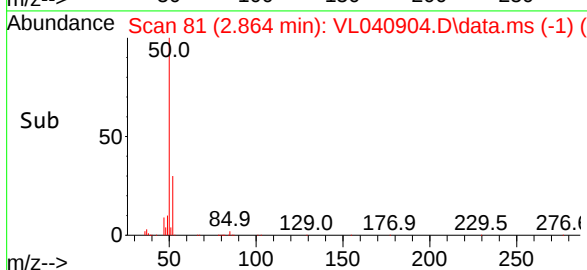
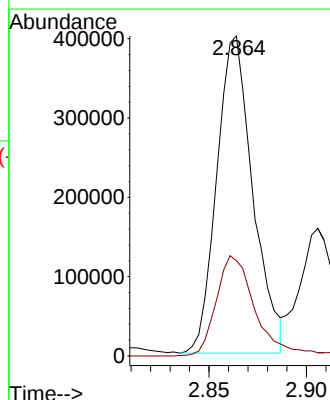
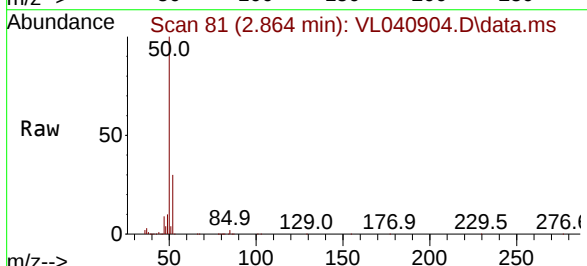
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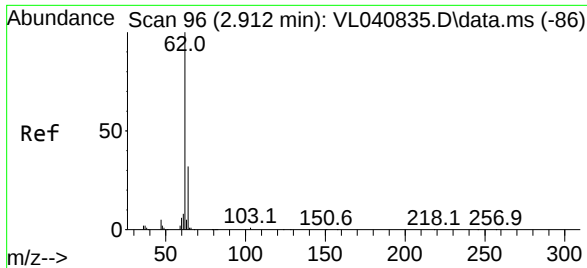
Tgt Ion: 50 Resp: 514850

Ion Ratio Lower Upper

50 100

52 29.9 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.975 ppbv
 RT: 2.970 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

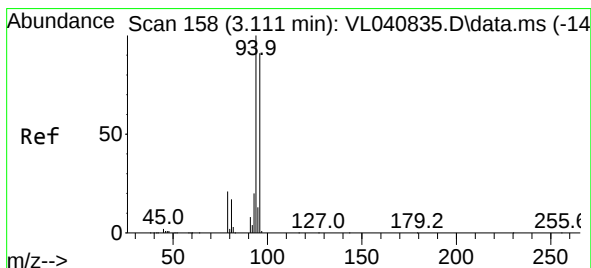
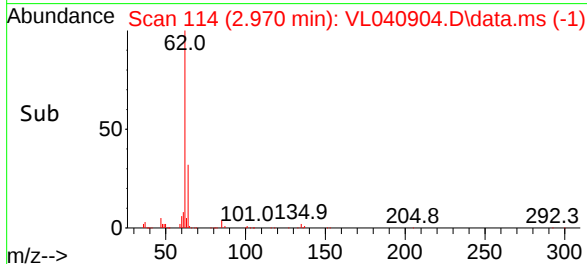
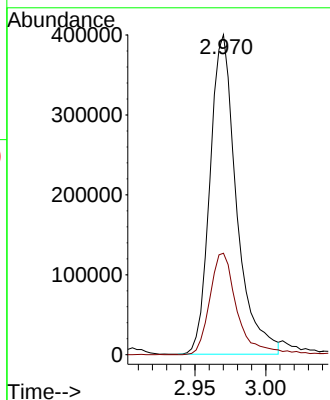
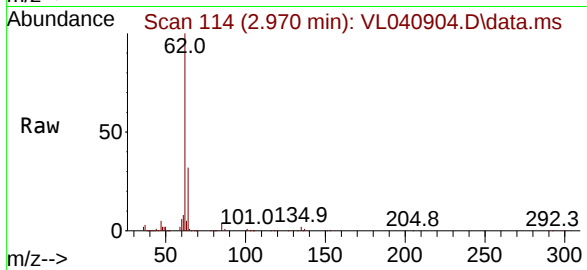
ClientSampleId :

VL1127ABS01

Tgt Ion: 62 Resp: 52029
 Ion Ratio Lower Upper
 62 100
 64 31.8 25.4 38.2

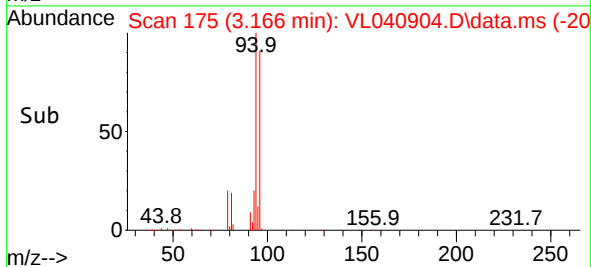
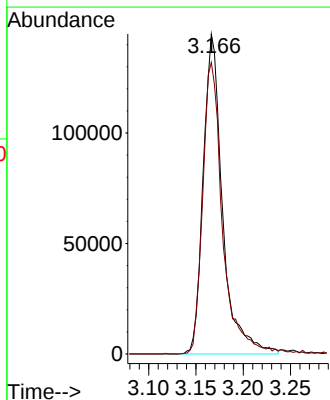
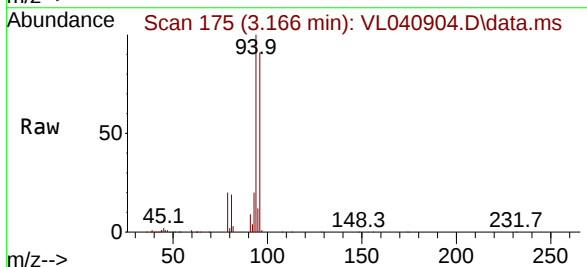
Manual Integrations
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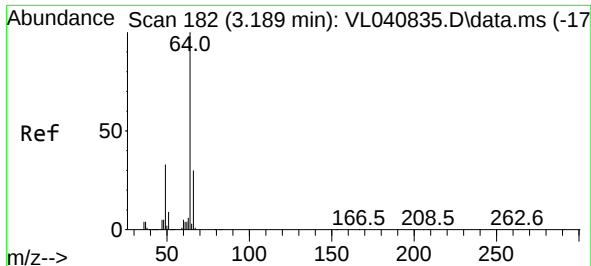
Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#6
 Bromomethane
 Concen: 10.350 ppbv
 RT: 3.166 min Scan# 175
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

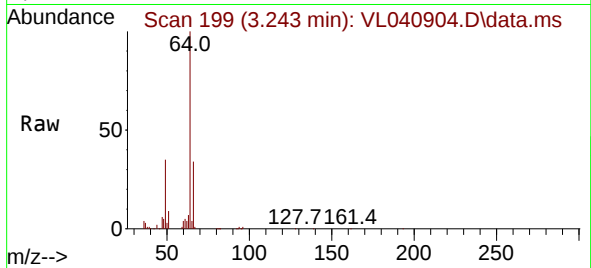
Tgt Ion: 94 Resp: 206065
 Ion Ratio Lower Upper
 94 100
 96 91.1 73.0 109.4





#7
Chloroethane
Concen: 10.138 ppbv
RT: 3.243 min Scan# 199
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

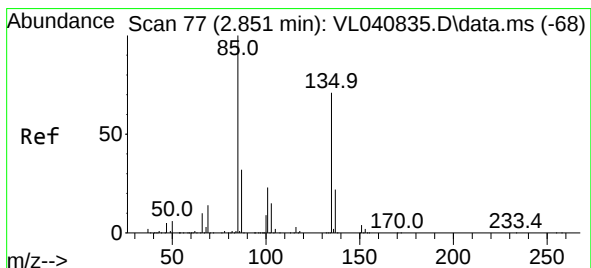
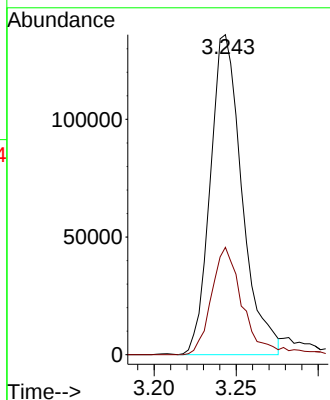
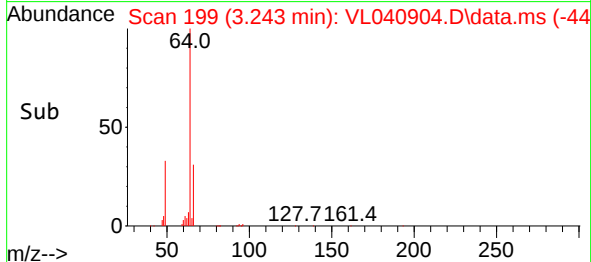
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



Tgt Ion: 64 Resp: 183082
Ion Ratio Lower Upper
64 100
66 33.6 23.8 35.6

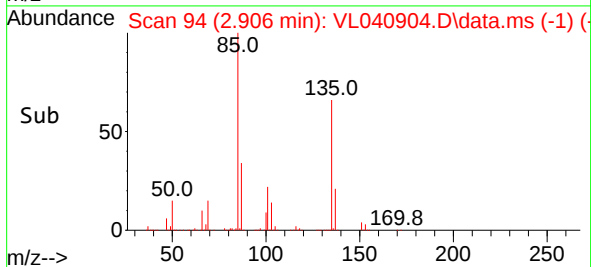
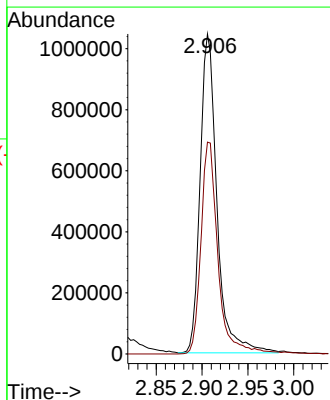
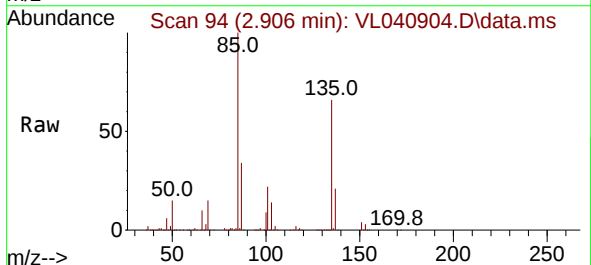
Manual Integrations
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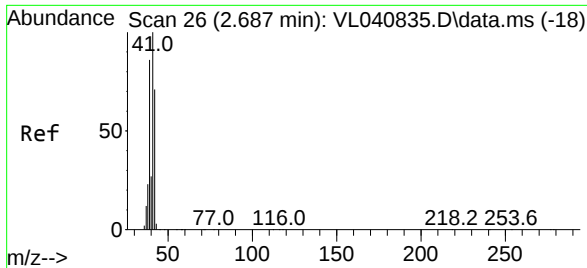
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#8
Dichlorotetrafluoroethane
Concen: 9.991 ppbv
RT: 2.906 min Scan# 94
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 85 Resp: 1335753
Ion Ratio Lower Upper
85 100
135 67.6 55.3 82.9





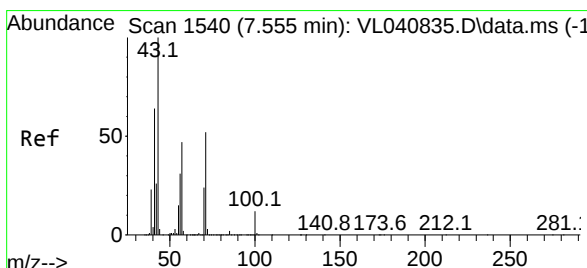
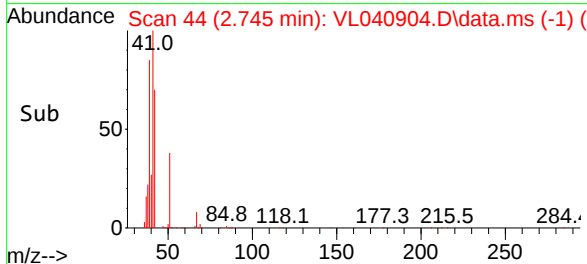
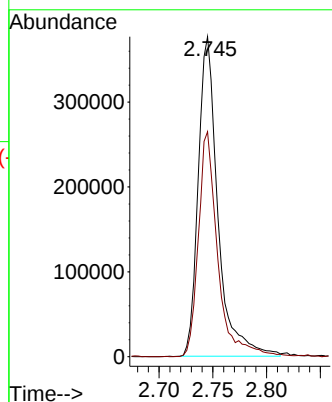
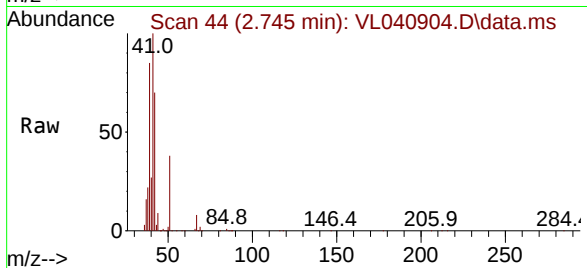
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 Propene
 Concen: 9.740 ppbv
 RT: 2.745 min Scan# 44
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABS01

Tgt Ion: 41 Resp: 47868
 Ion Ratio Lower Upper
 41 100
 42 69.9 56.5 84.7

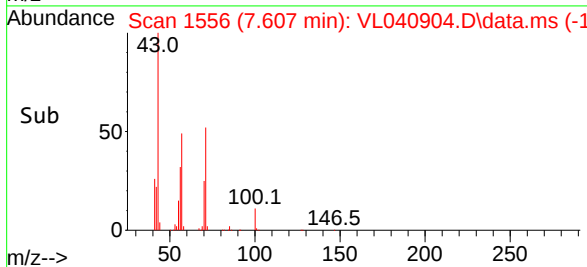
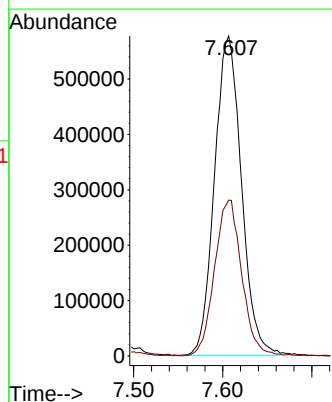
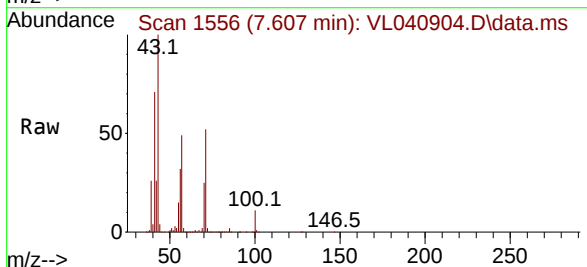
Manual Integrations
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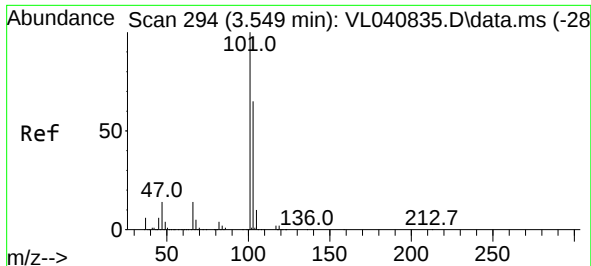
Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#10
 Heptane
 Concen: 10.018 ppbv
 RT: 7.607 min Scan# 1556
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

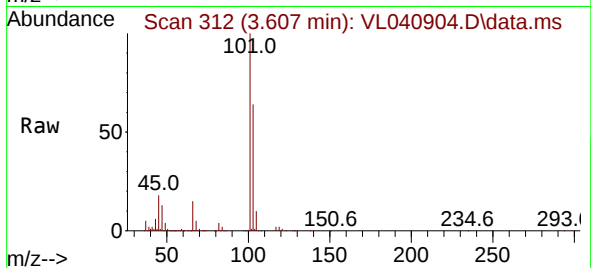
Tgt Ion: 43 Resp: 1211299
 Ion Ratio Lower Upper
 43 100
 57 49.5 39.4 59.0





#11
Trichlorofluoromethane
Concen: 10.057 ppbv
RT: 3.607 min Scan# 312
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

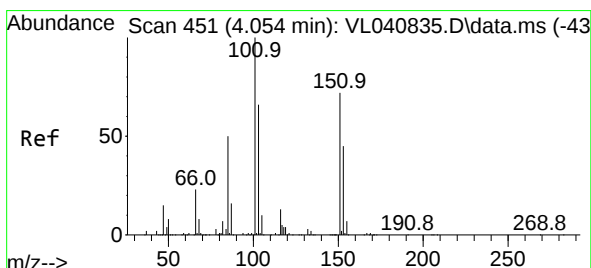
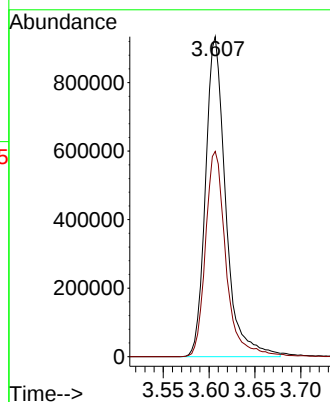
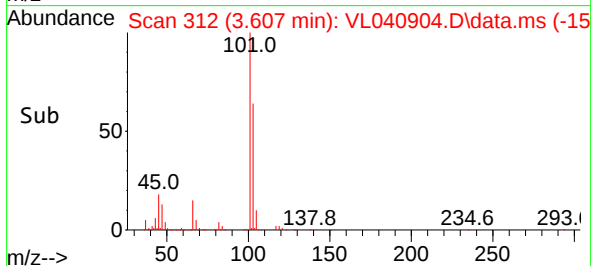
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



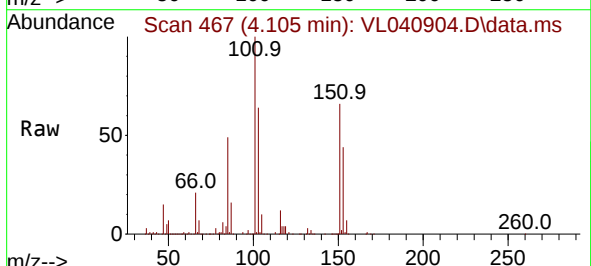
Tgt Ion:101 Resp: 143088
Ion Ratio Lower Upper
101 100
103 64.1 51.8 77.8

Manual Integrations
APPROVED

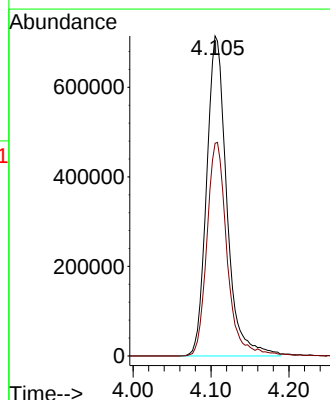
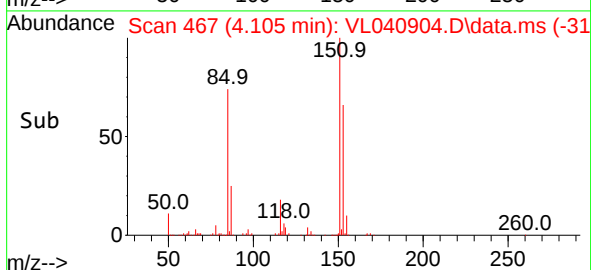
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

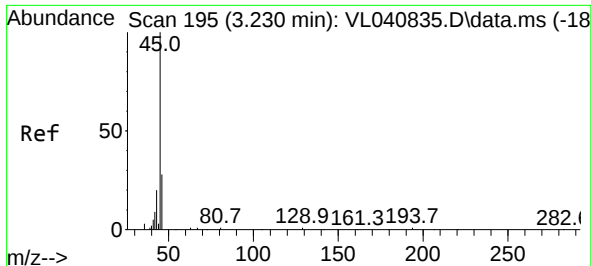


#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.689 ppbv
RT: 4.105 min Scan# 467
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



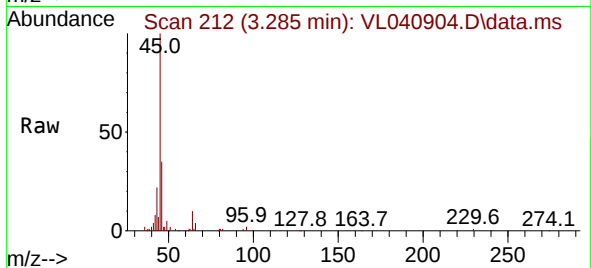
Tgt Ion:101 Resp: 1282462
Ion Ratio Lower Upper
101 100
151 67.1 57.8 86.6





#13
Ethanol
Concen: 9.124 ppbv
RT: 3.285 min Scan# 212
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

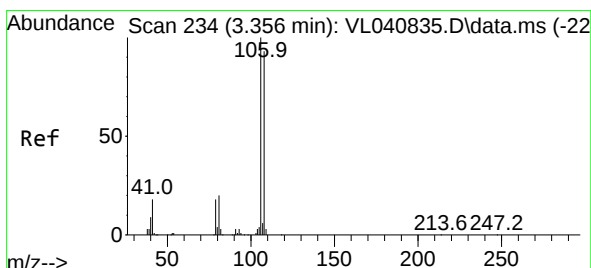
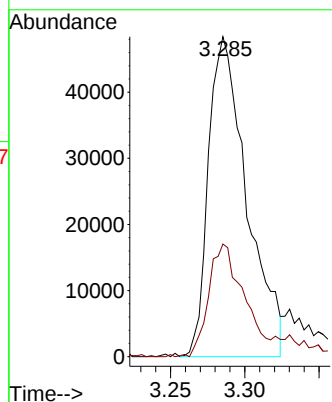
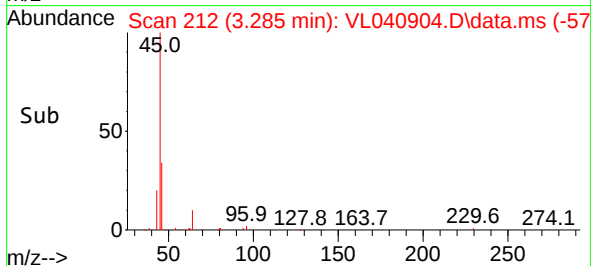
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



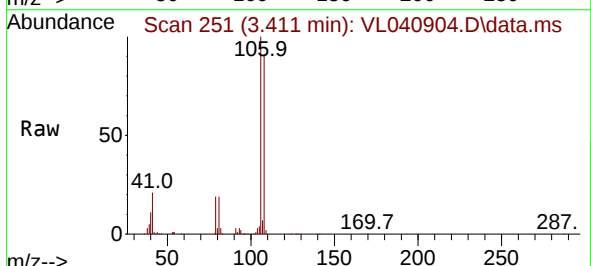
Tgt Ion: 45 Resp: 87075
Ion Ratio Lower Upper
45 100
46 39.6 0.0 0.0

Manual Integrations
APPROVED

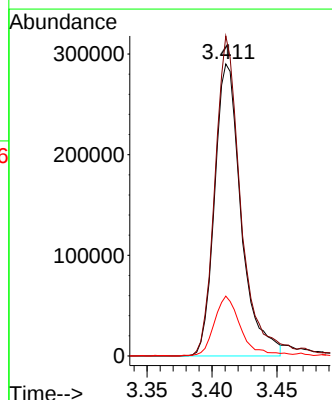
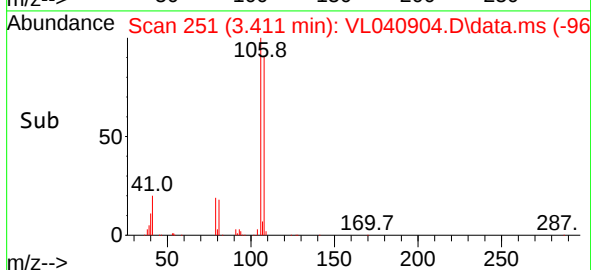
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

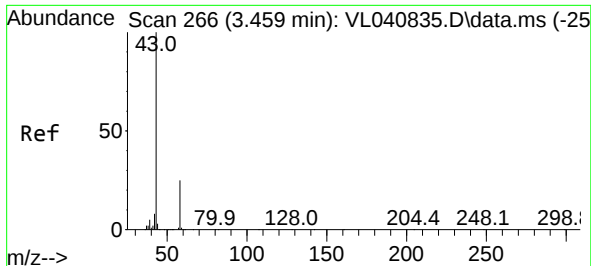


#14
Bromoethene
Concen: 10.103 ppbv
RT: 3.411 min Scan# 251
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



Tgt Ion:108 Resp: 410725
Ion Ratio Lower Upper
108 100
106 110.4 85.4 128.2
79 20.9 16.7 25.1





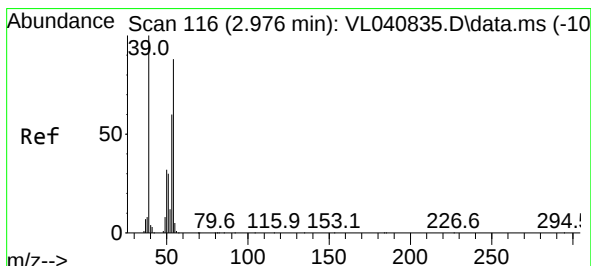
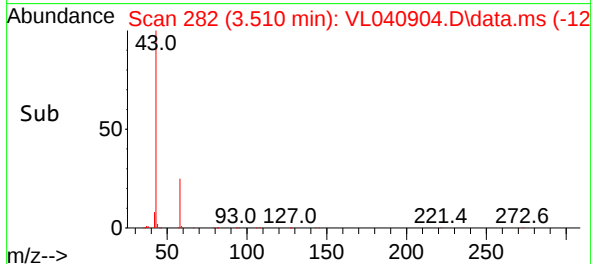
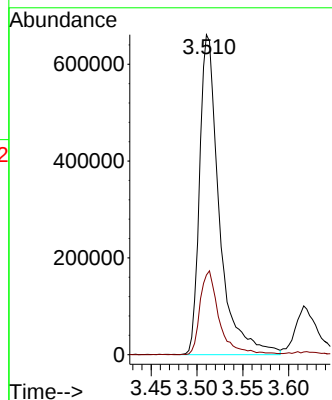
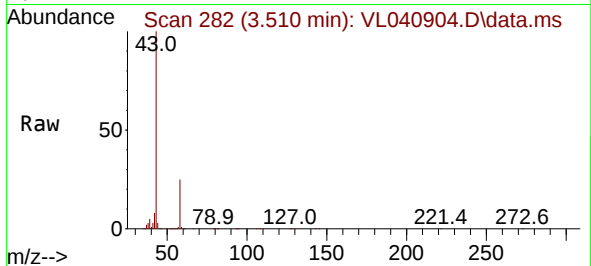
#15
Acetone
Concen: 10.154 ppbv
RT: 3.510 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 43 Resp: 987804
Ion Ratio Lower Upper
43 100
58 25.7 20.9 31.3

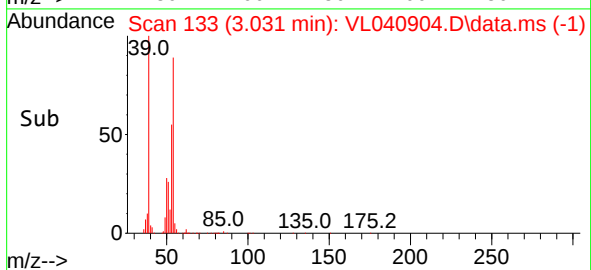
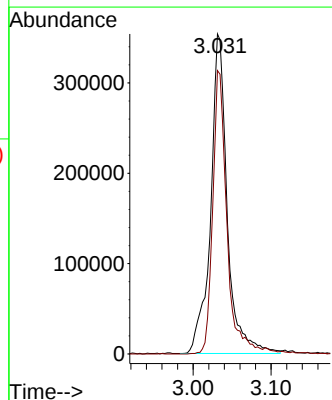
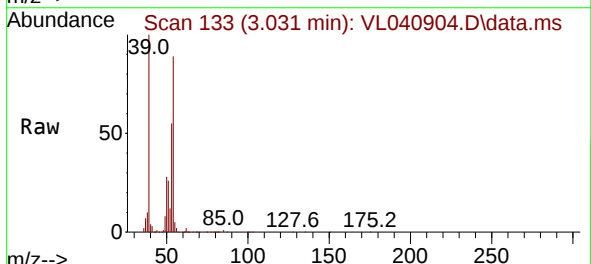
Manual Integrations
APPROVED

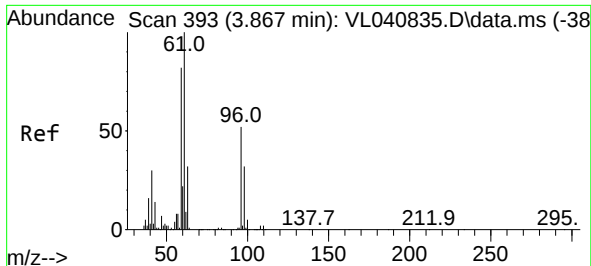
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#16
1,3-Butadiene
Concen: 10.726 ppbv
RT: 3.031 min Scan# 133
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 39 Resp: 527886
Ion Ratio Lower Upper
39 100
54 76.8 61.8 92.6





#17

tert-Butyl alcohol

Concen: 10.347 ppbv

RT: 3.919 min Scan# 409

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion: 59 Resp: 86074

Ion Ratio Lower Upper

59 100

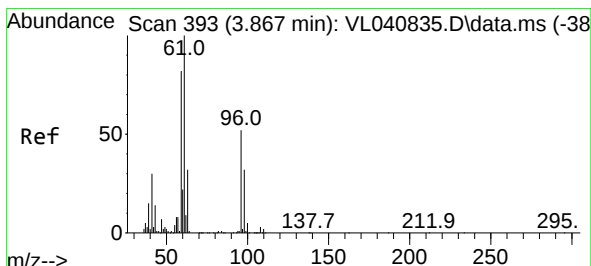
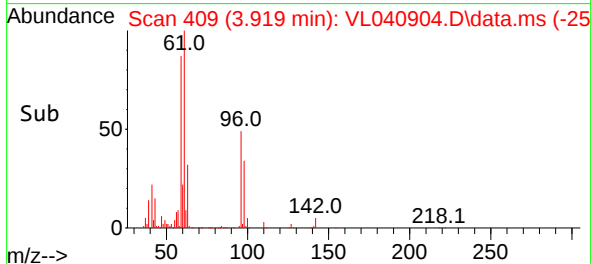
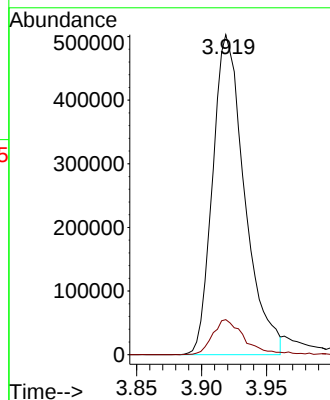
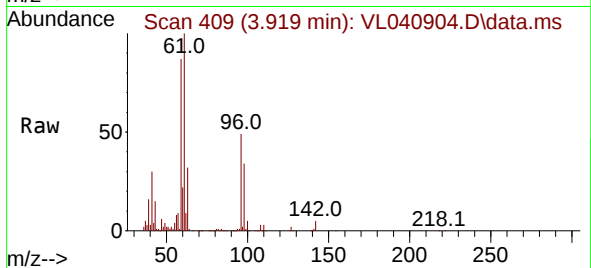
57 11.4 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#18

1,1-Dichloroethene

Concen: 10.547 ppbv

RT: 3.922 min Scan# 410

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

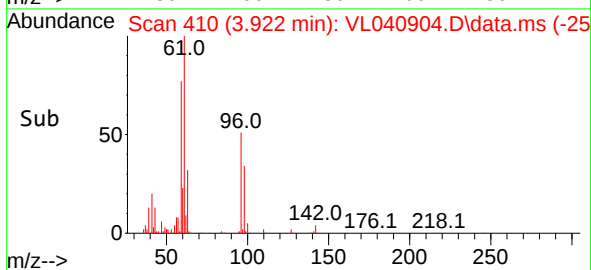
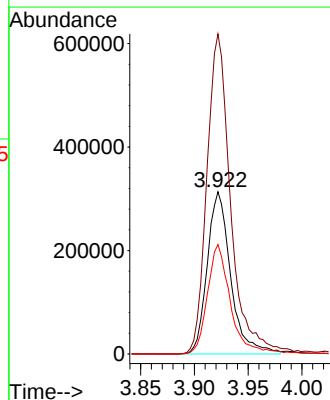
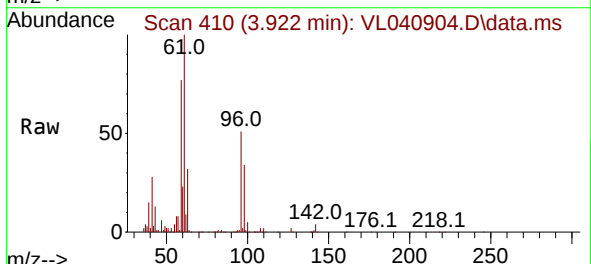
Tgt Ion: 96 Resp: 475141

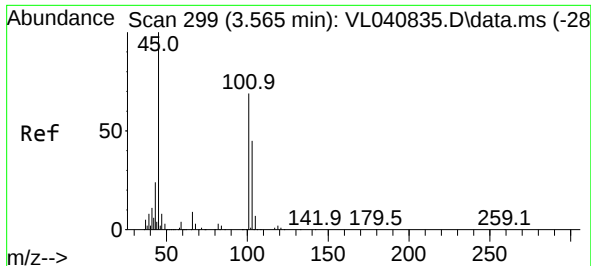
Ion Ratio Lower Upper

96 100

61 197.2 152.6 228.8

98 67.4 49.2 73.8





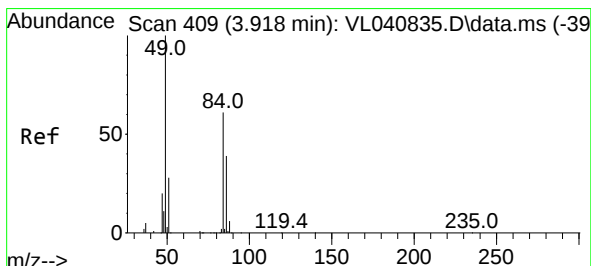
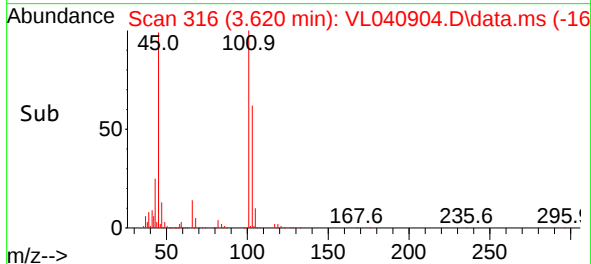
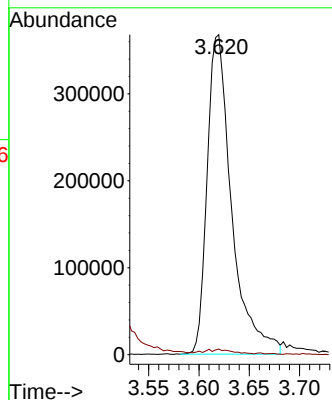
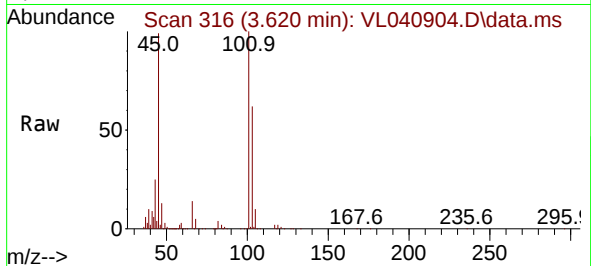
#19
Isopropyl Alcohol
Concen: 10.644 ppbv
RT: 3.620 min Scan# 316
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 45 Resp: 623150
Ion Ratio Lower Upper
45 100
58 1.9 1.6 2.4

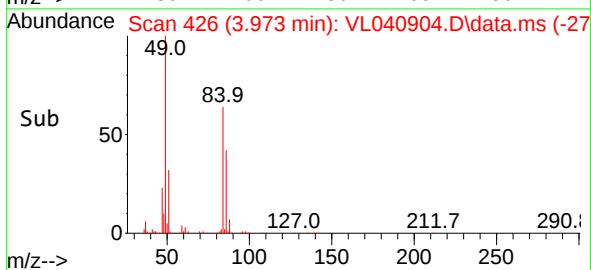
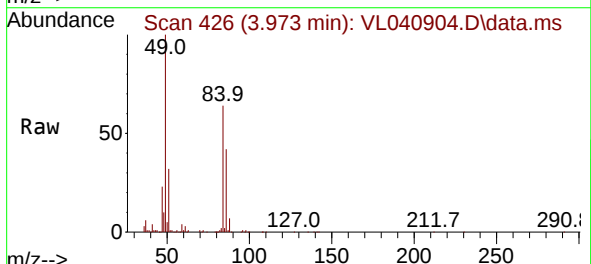
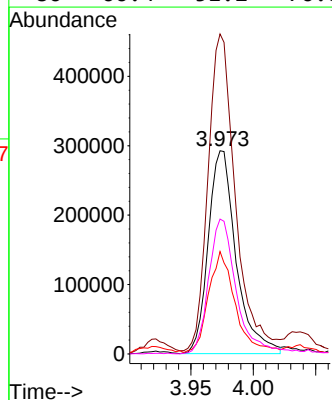
Manual Integrations
APPROVED

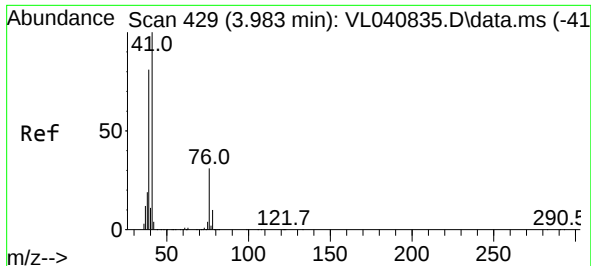
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#20
Methylene Chloride
Concen: 11.383 ppbv
RT: 3.973 min Scan# 426
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

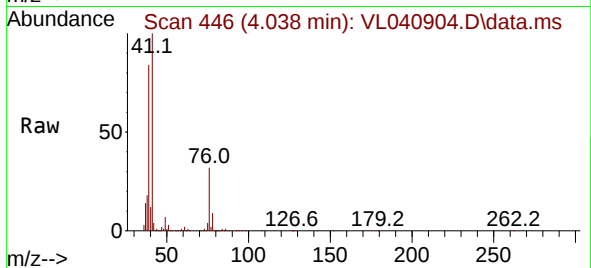
Tgt Ion: 84 Resp: 457006
Ion Ratio Lower Upper
84 100
49 156.1 131.0 196.4
51 48.9 36.9 55.3
86 66.4 51.2 76.8





#21
 Allyl Chloride
 Concen: 11.581 ppbv
 RT: 4.038 min Scan# 446
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

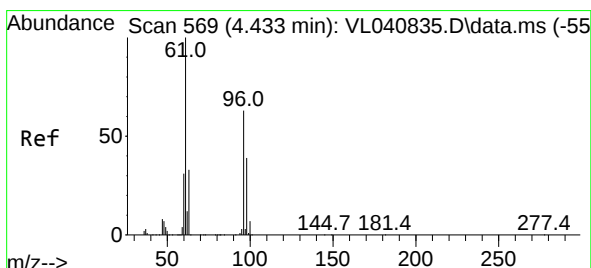
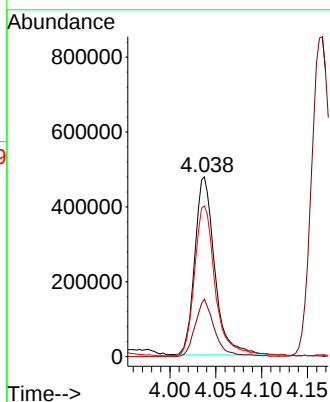
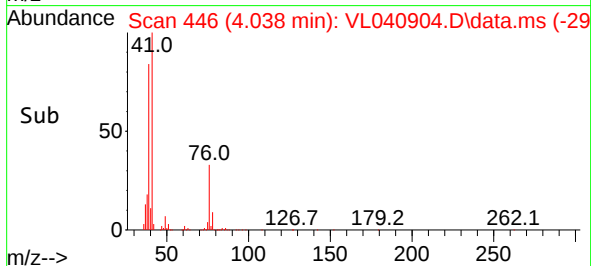
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABS01



Tgt Ion: 41 Resp: 72097
 Ion Ratio Lower Upper
 41 100
 76 31.7 24.4 36.6
 39 87.8 68.1 102.1

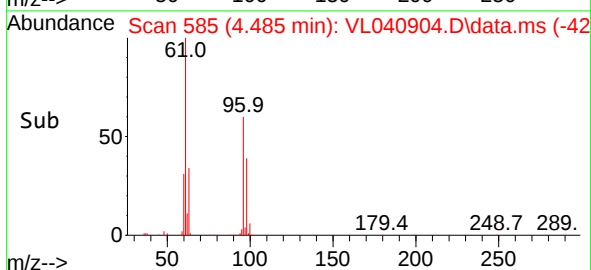
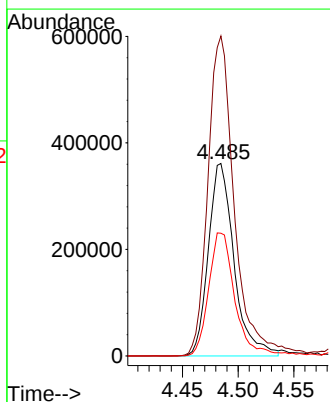
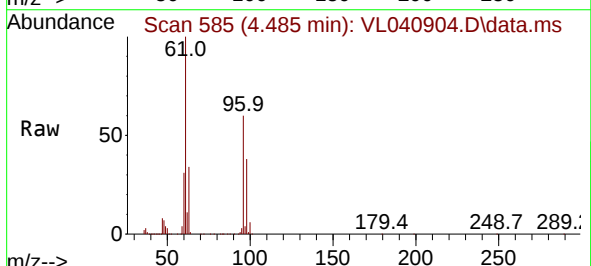
Manual Integrations
 APPROVED

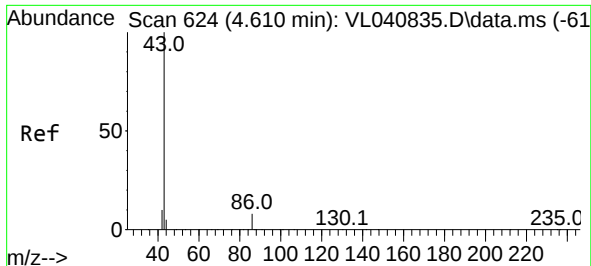
Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#22
 trans-1,2-Dichloroethene
 Concen: 11.357 ppbv
 RT: 4.485 min Scan# 585
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 96 Resp: 580663
 Ion Ratio Lower Upper
 96 100
 61 166.2 126.8 190.2
 98 63.8 49.9 74.9





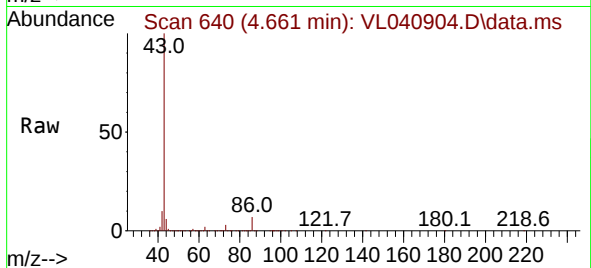
#23
 Vinyl Acetate
 Concen: 11.425 ppbv
 RT: 4.661 min Scan# 640
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

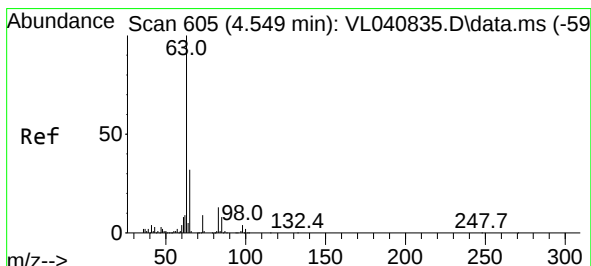
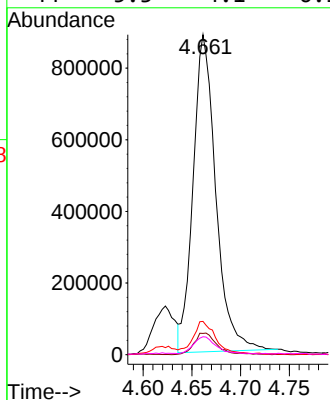
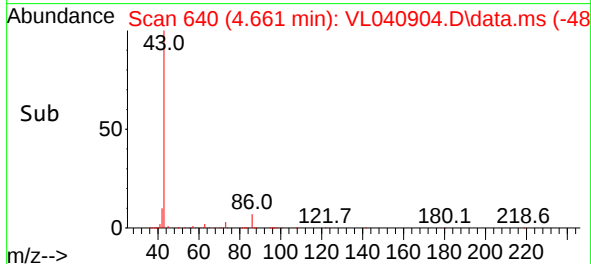


Tgt Ion: 43 Resp: 143515
 Ion Ratio Lower Upper
 43 100
 86 6.7 5.5 8.3
 42 10.3 8.2 12.2
 44 5.3 4.1 6.1

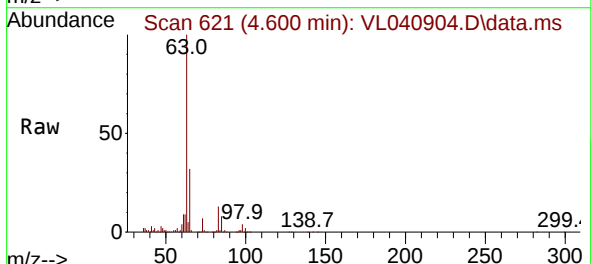
Manual Integrations

APPROVED

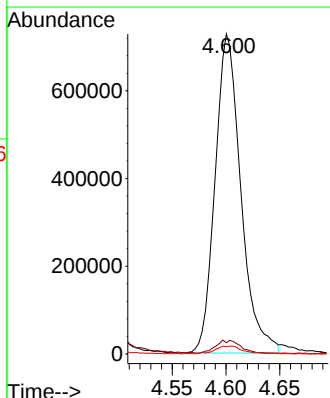
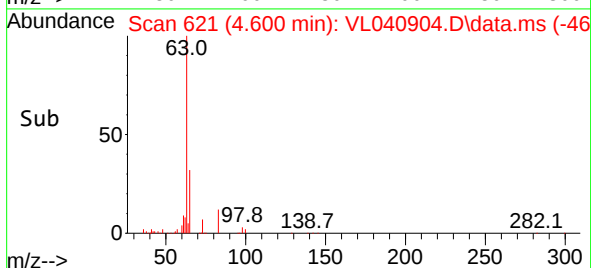
Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

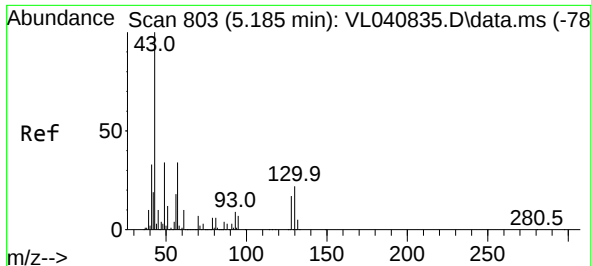


#24
 1,1-Dichloroethane
 Concen: 10.815 ppbv
 RT: 4.600 min Scan# 621
 Delta R.T. -0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58



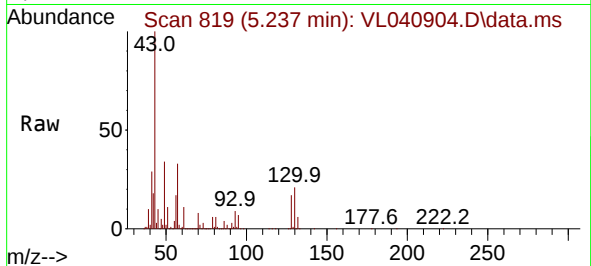
Tgt Ion: 63 Resp: 1210915
 Ion Ratio Lower Upper
 63 100
 98 3.3 2.2 6.6
 100 2.1 1.0 3.0





#25
Ethyl Acetate
Concen: 10.472 ppbv
RT: 5.237 min Scan# 819
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

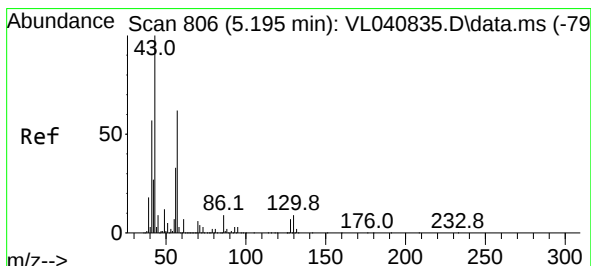
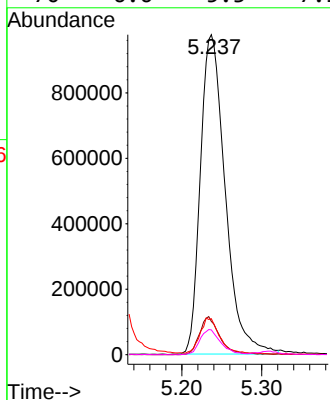
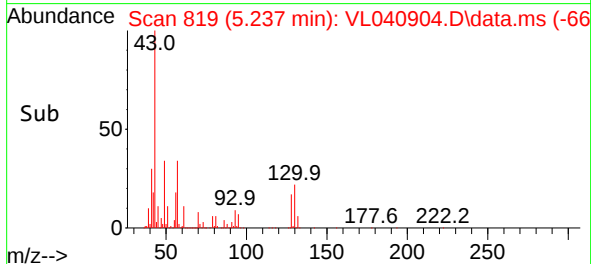
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



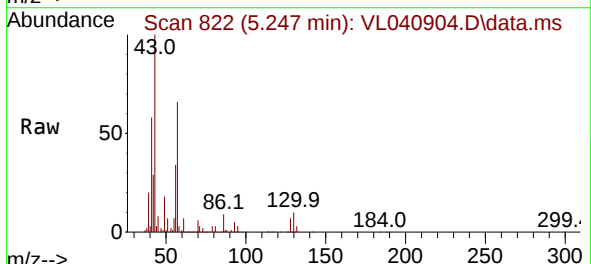
Tgt Ion: 43 Resp: 210927
Ion Ratio Lower Upper
43 100
45 9.9 8.1 12.1
61 9.7 7.8 11.6
70 6.6 5.3 7.9

Manual Integrations
APPROVED

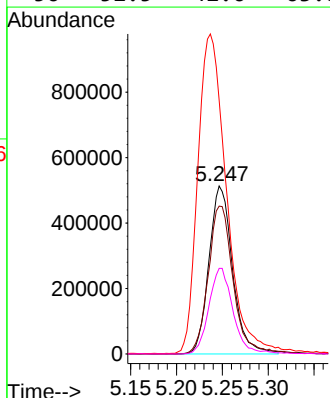
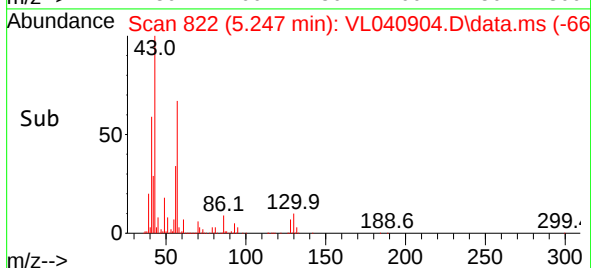
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

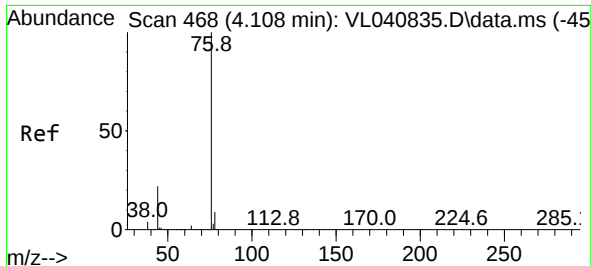


#26
Hexane
Concen: 10.316 ppbv
RT: 5.247 min Scan# 822
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



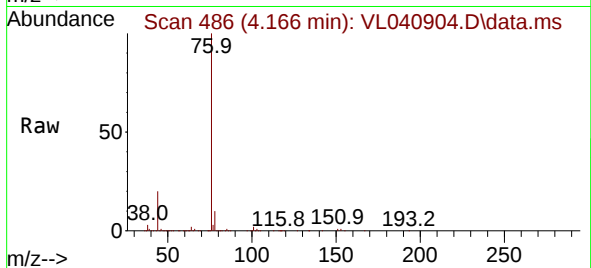
Tgt Ion: 57 Resp: 919642
Ion Ratio Lower Upper
57 100
41 93.8 75.4 113.0
43 233.0 185.9 278.9
56 52.5 42.6 63.8





#27
Carbon Disulfide
Concen: 12.793 ppbv
RT: 4.166 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

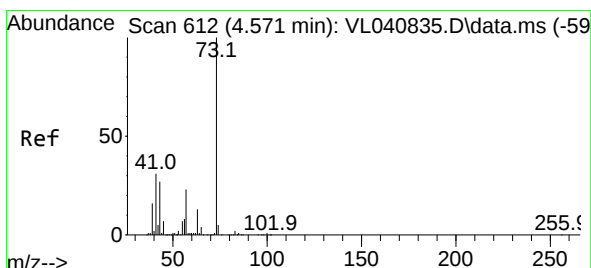
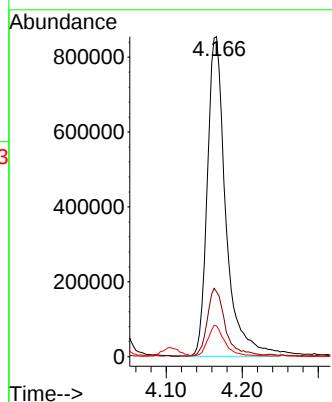
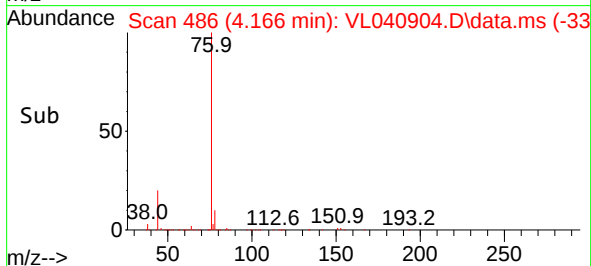
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



Tgt Ion: 76 Resp: 144620
Ion Ratio Lower Upper
76 100
44 21.7 16.7 25.1
78 9.4 7.6 11.4

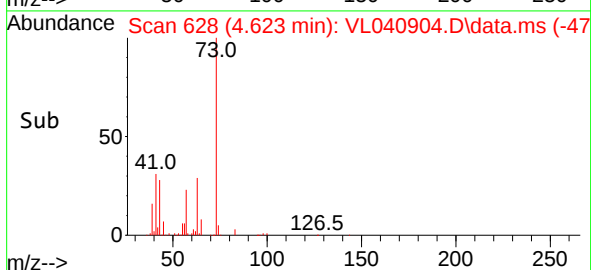
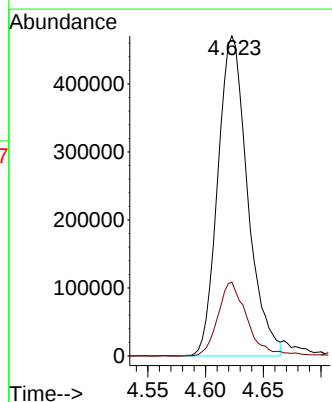
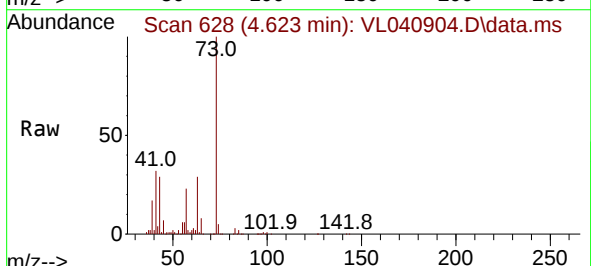
Manual Integrations
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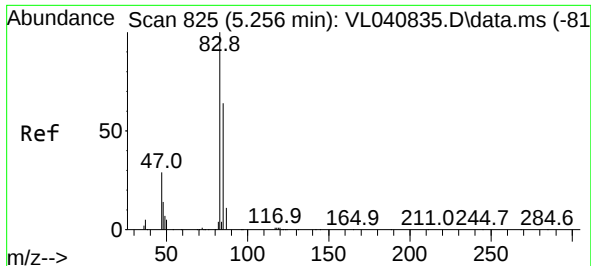
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#28
Methyl tert-Butyl Ether
Concen: 10.473 ppbv
RT: 4.623 min Scan# 628
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 73 Resp: 844349
Ion Ratio Lower Upper
73 100
57 23.2 18.0 27.0





#29

Chloroform

Concen: 10.112 ppbv

RT: 5.308 min Scan# 84

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion: 83 Resp: 1527849

Ion Ratio Lower Upper

83 100

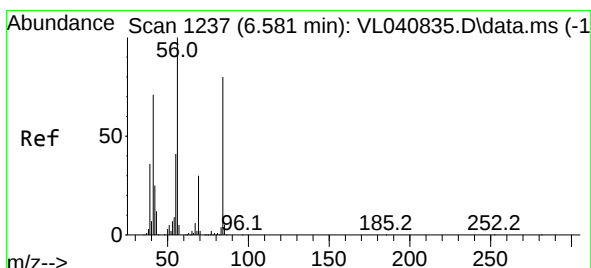
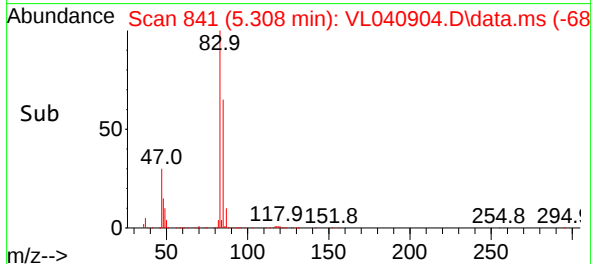
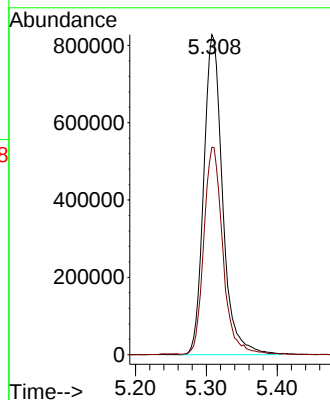
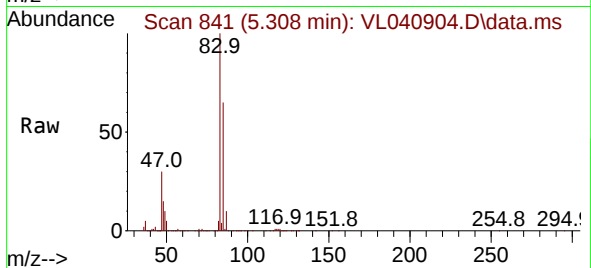
85 64.7 51.4 77.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#30

Cyclohexane

Concen: 9.554 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

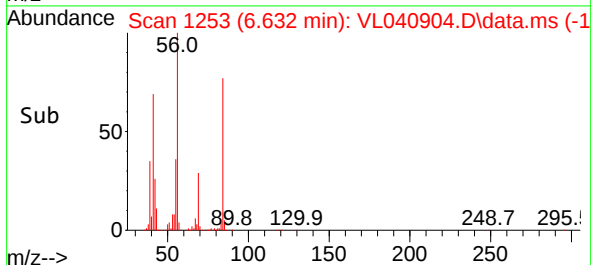
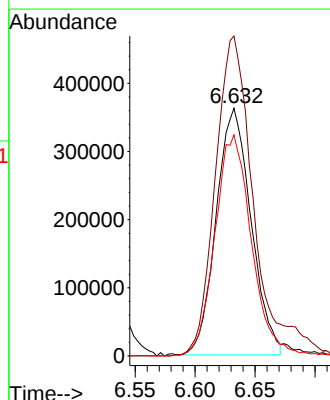
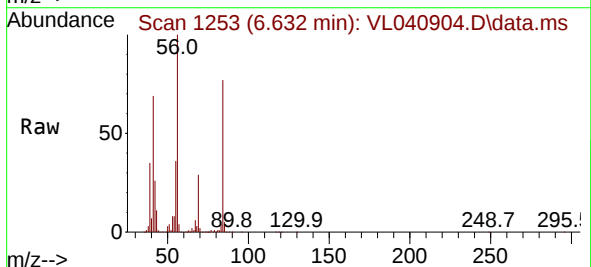
Tgt Ion: 84 Resp: 732750

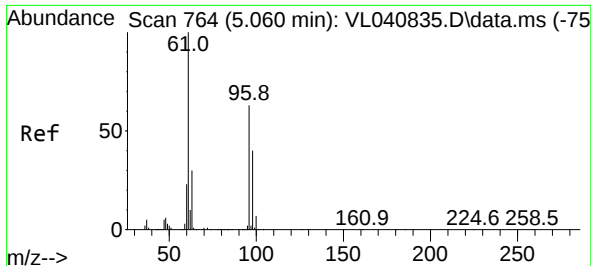
Ion Ratio Lower Upper

84 100

56 143.9 109.3 163.9

41 94.0 71.4 107.2





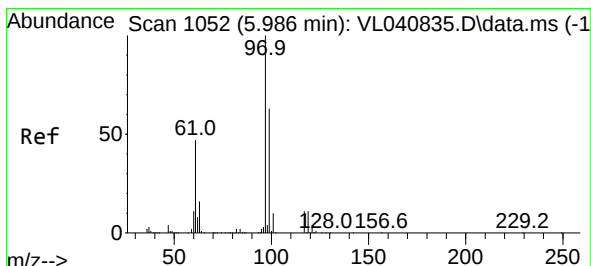
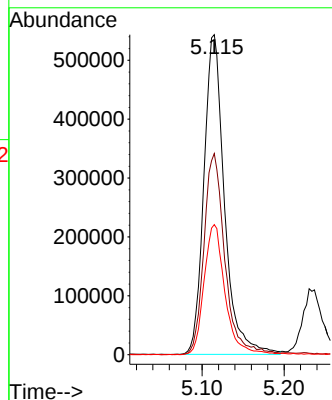
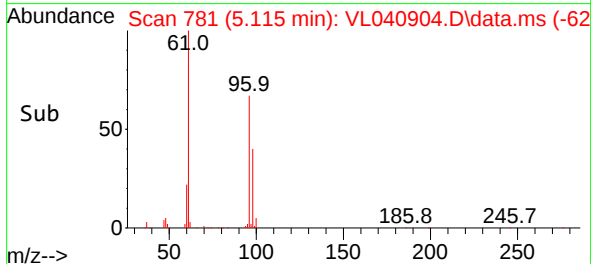
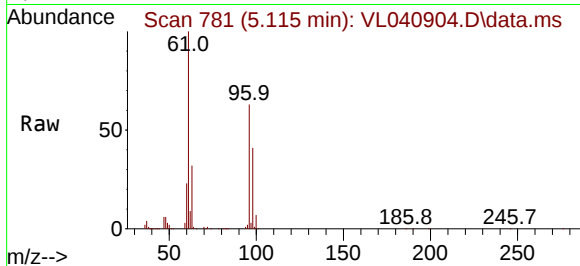
#31
 cis-1,2-Dichloroethene
 Concen: 10.737 ppbv
 RT: 5.115 min Scan# 764
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABS01

Tgt Ion: 61 Resp: 947183
 Ion Ratio Lower Upper
 61 100
 96 62.9 50.5 75.7
 98 40.7 31.9 47.9

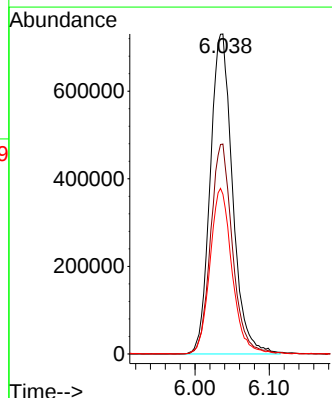
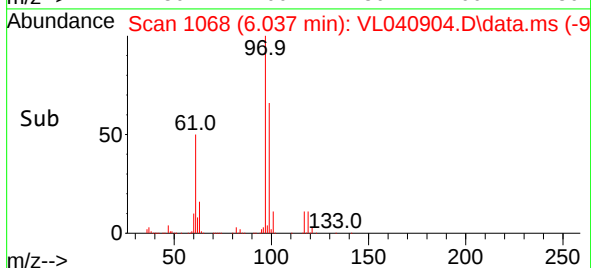
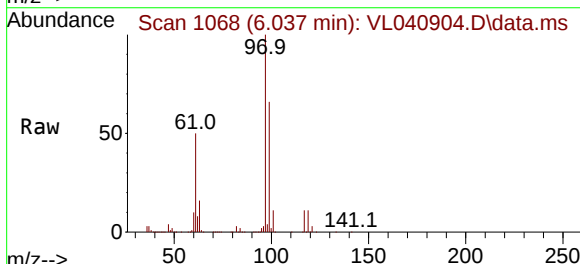
Manual Integrations
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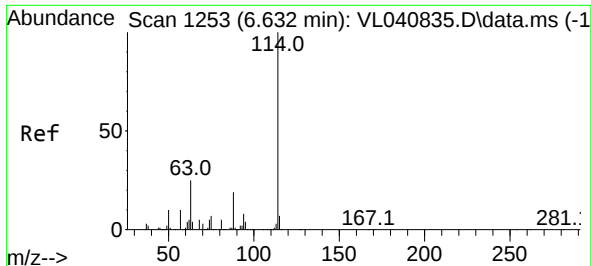
Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#32
 1,1,1-Trichloroethane
 Concen: 10.814 ppbv
 RT: 6.037 min Scan# 1068
 Delta R.T. 0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Tgt Ion: 97 Resp: 1524381
 Ion Ratio Lower Upper
 97 100
 99 64.6 52.2 78.4
 61 51.6 41.0 61.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.681 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion:114 Resp: 2271058

Ion Ratio Lower Upper

114 100

63 26.7 20.9 31.3

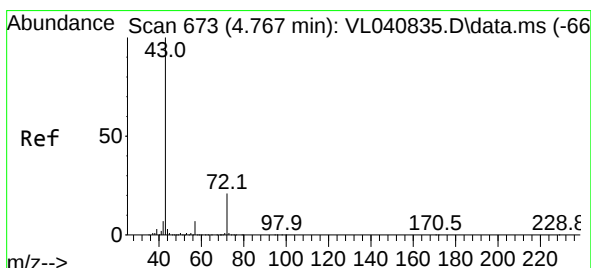
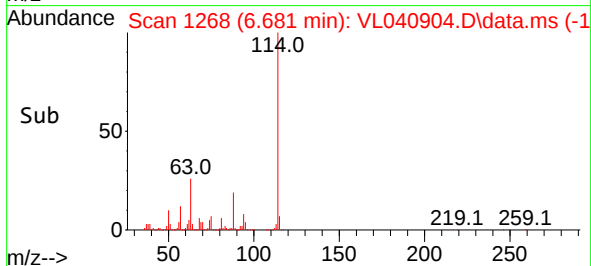
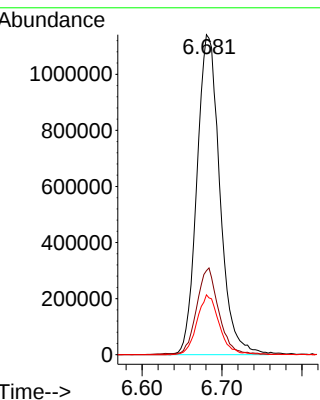
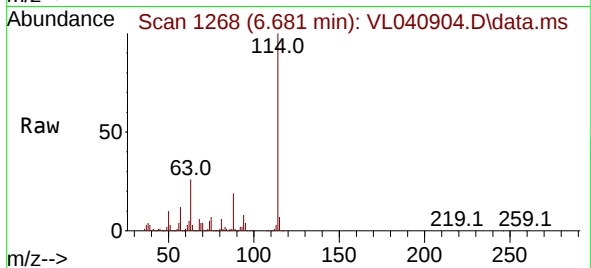
88 18.2 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#34

2-Butanone

Concen: 11.405 ppbv

RT: 4.819 min Scan# 689

Delta R.T. -0.003 min

Lab File: VL040904.D

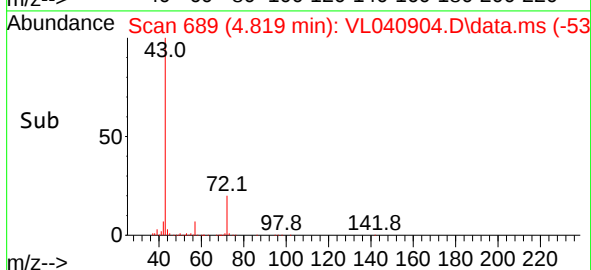
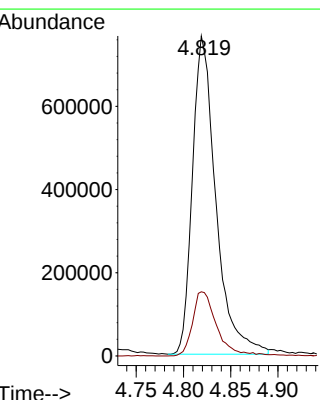
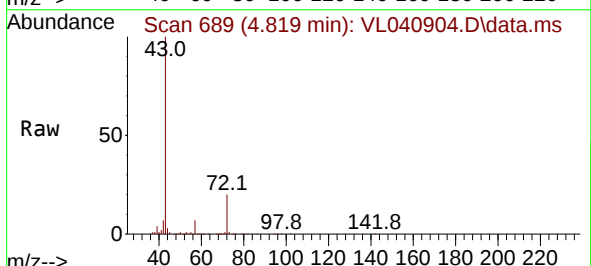
Acq: 27 Nov 2023 10:58

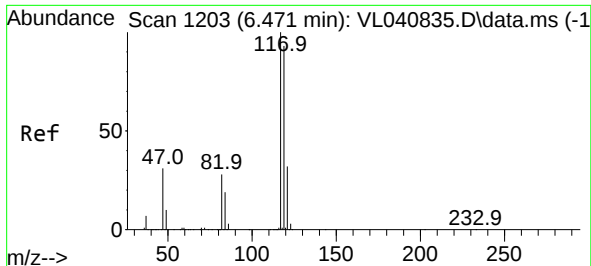
Tgt Ion: 43 Resp: 1319571

Ion Ratio Lower Upper

43 100

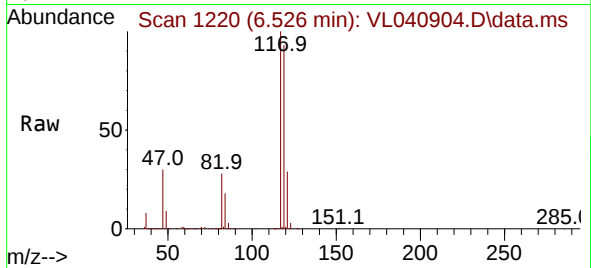
72 21.1 17.2 25.8





#35
Carbon Tetrachloride
Concen: 11.517 ppbv
RT: 6.526 min Scan# 1180
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

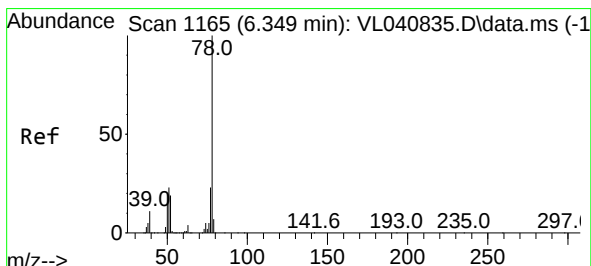
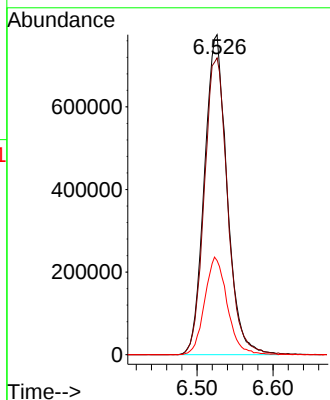
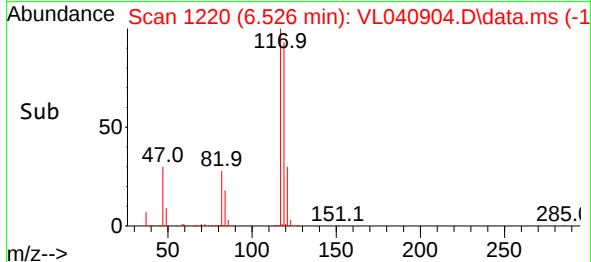
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



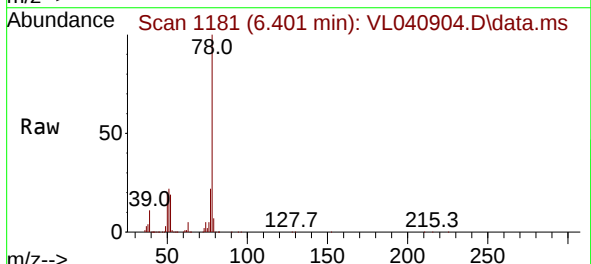
Tgt Ion: 117 Resp: 1604730
Ion Ratio Lower Upper
117 100
119 92.7 74.7 112.1
121 29.4 25.5 38.3

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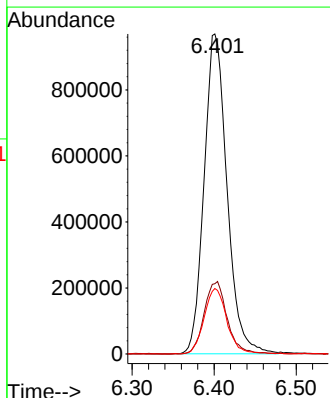
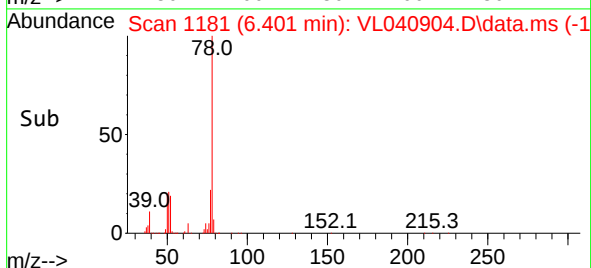
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

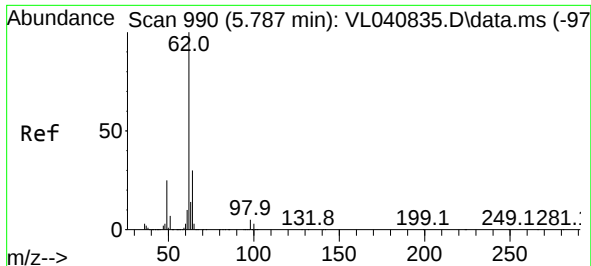


#36
Benzene
Concen: 10.220 ppbv
RT: 6.401 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



Tgt Ion: 78 Resp: 1883734
Ion Ratio Lower Upper
78 100
77 21.8 18.4 27.6
50 20.4 16.2 24.2





#37

1,2-Dichloroethane

Concen: 10.722 ppbv

RT: 5.838 min Scan# 1006

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion: 62 Resp: 1165634

Ion Ratio Lower Upper

62 100

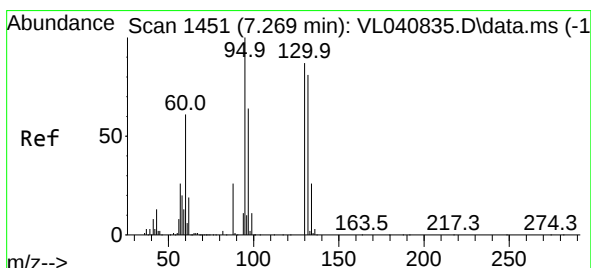
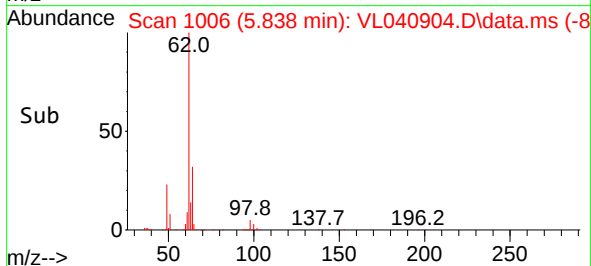
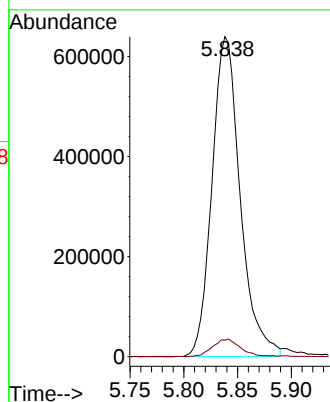
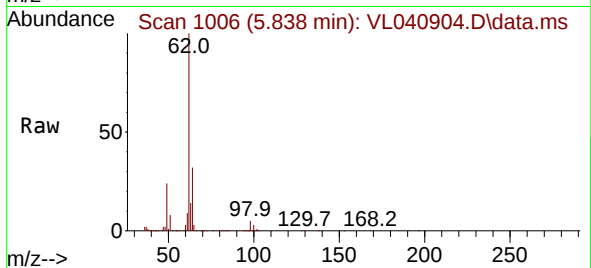
98 5.7 4.6 6.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#38

Trichloroethene

Concen: 9.884 ppbv

RT: 7.317 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Tgt Ion:130 Resp: 708111

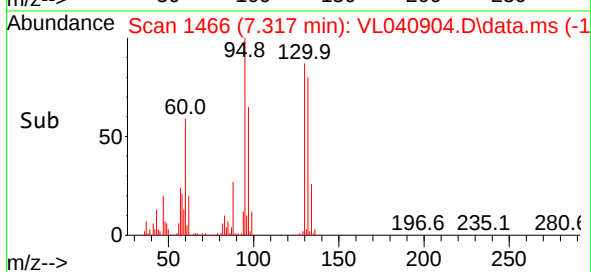
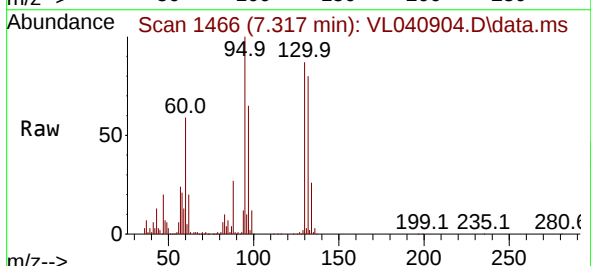
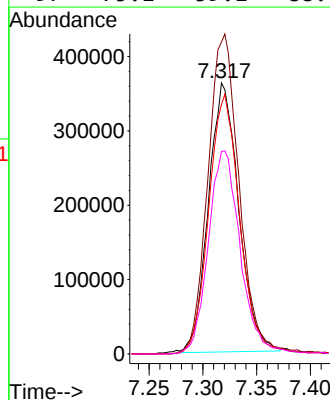
Ion Ratio Lower Upper

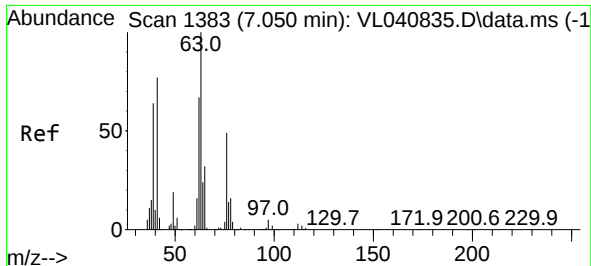
130 100

95 115.4 92.4 138.6

132 92.7 75.1 112.7

97 75.1 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.187 ppbv

RT: 7.099 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion: 63 Resp: 744510

Ion Ratio Lower Upper

63 100

41 78.1 61.5 92.3

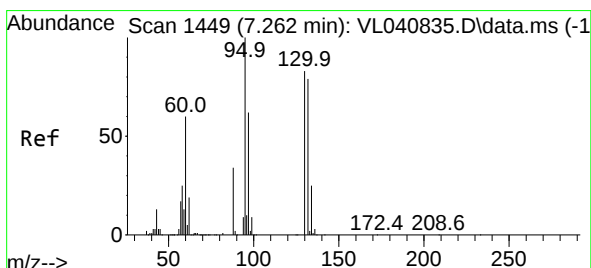
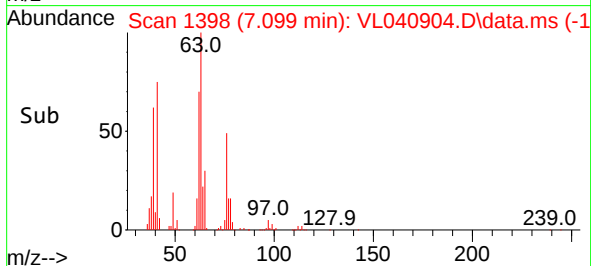
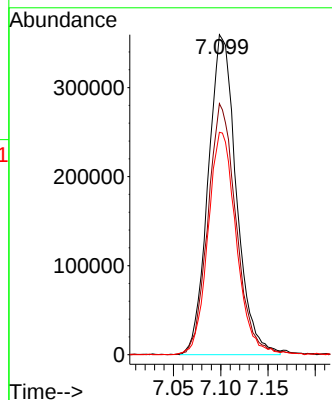
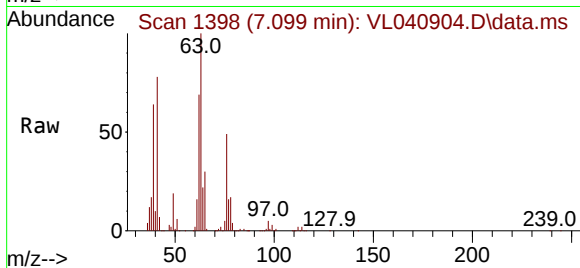
62 69.2 53.9 80.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#40

1,4-Dioxane

Concen: 10.267 ppbv

RT: 7.308 min Scan# 1463

Delta R.T. -0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Tgt Ion: 88 Resp: 297717

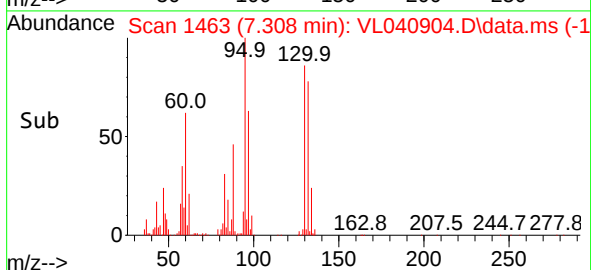
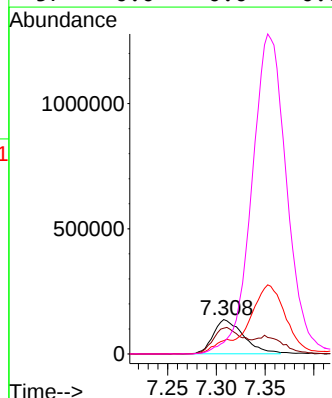
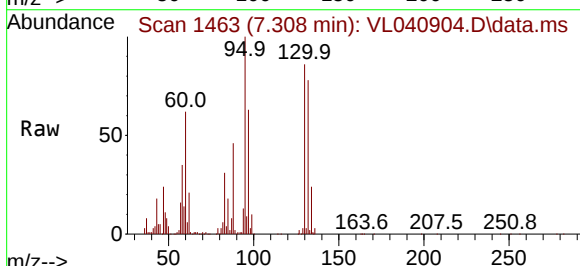
Ion Ratio Lower Upper

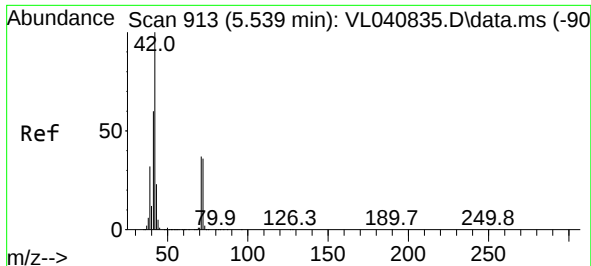
88 100

58 75.0 101.0 151.6#

43 0.0 0.0 0.0

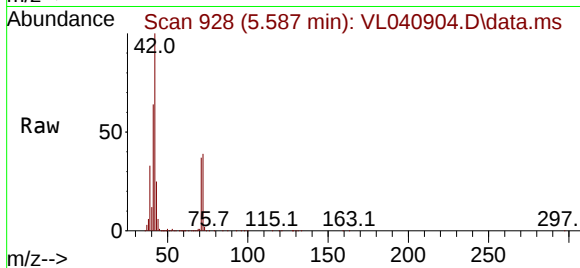
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 10.964 ppbv
RT: 5.587 min Scan# 913
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

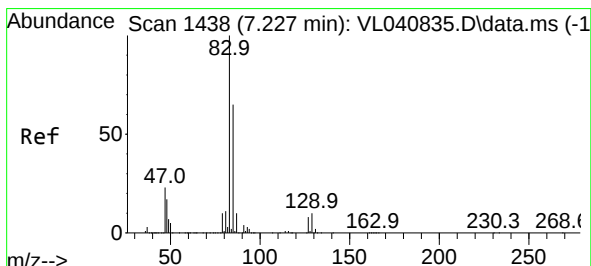
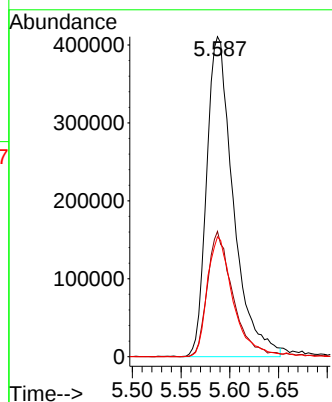
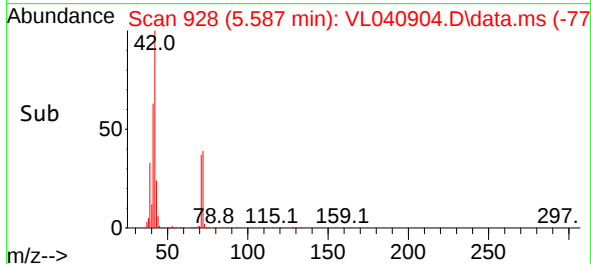
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



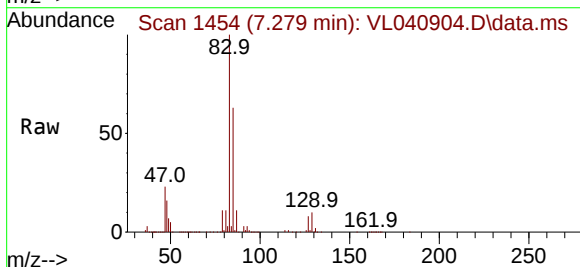
Tgt Ion: 42 Resp: 780963
Ion Ratio Lower Upper
42 100
72 38.4 30.8 46.2
71 37.0 30.0 45.0

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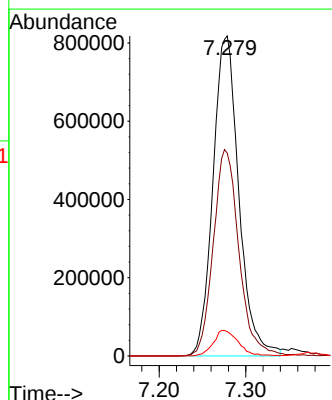
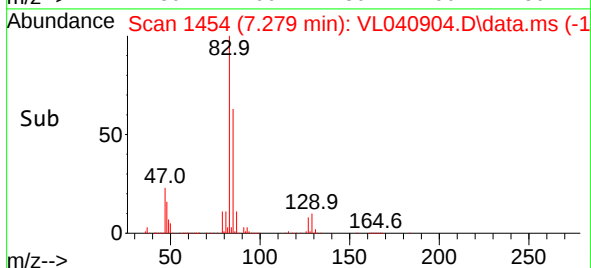
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

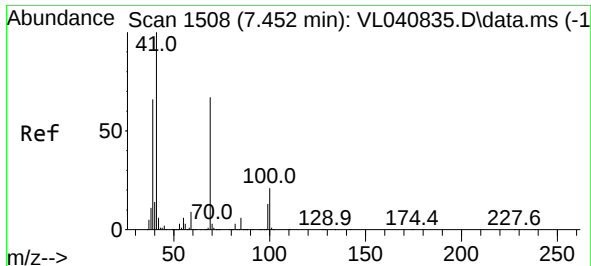


#42
Bromodichloromethane
Concen: 10.906 ppbv
RT: 7.279 min Scan# 1454
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



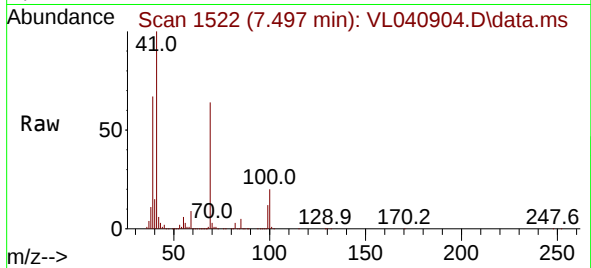
Tgt Ion: 83 Resp: 1696658
Ion Ratio Lower Upper
83 100
85 63.4 52.3 78.5
127 7.6 6.6 10.0





#43
Methyl Methacrylate
Concen: 11.000 ppbv
RT: 7.497 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

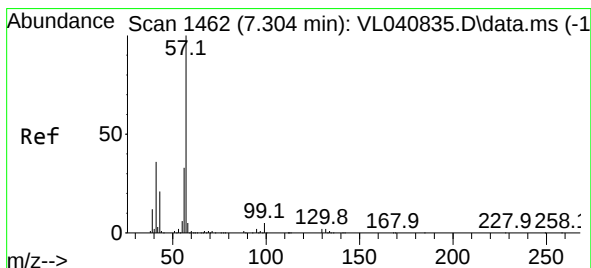
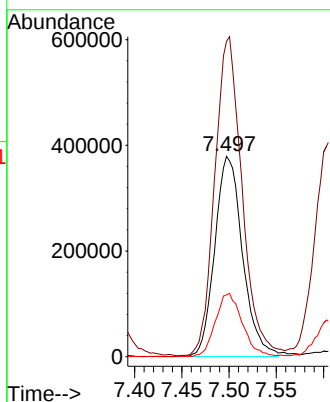
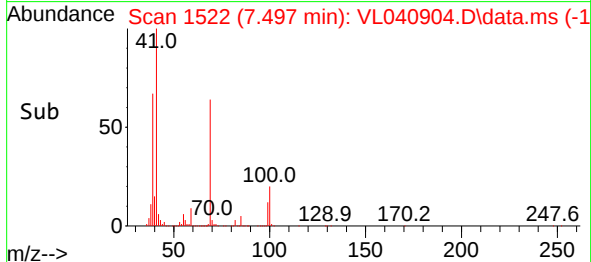
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



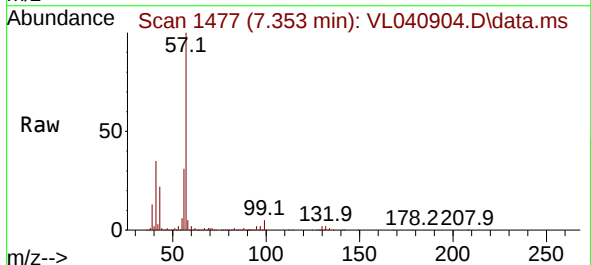
Tgt Ion: 69 Resp: 77260
Ion Ratio Lower Upper
69 100
41 157.4 123.0 184.4
100 31.0 25.4 38.2

Manual Integrations
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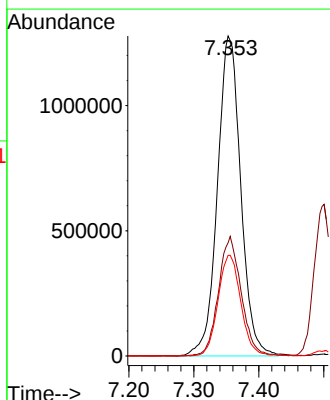
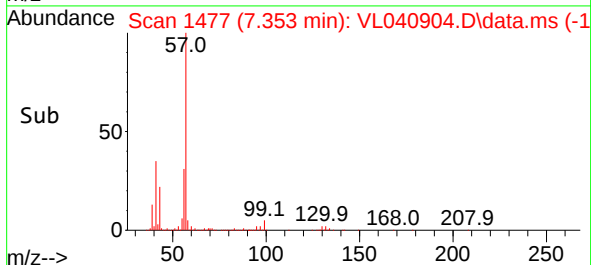
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

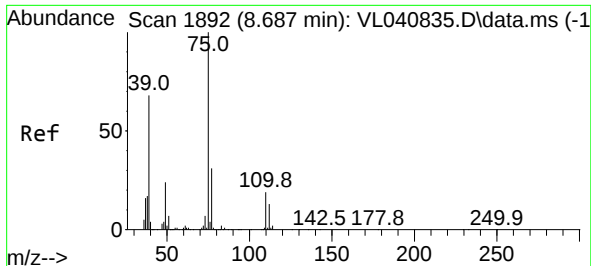


#44
2,2,4-Trimethylpentane
Concen: 10.390 ppbv
RT: 7.353 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



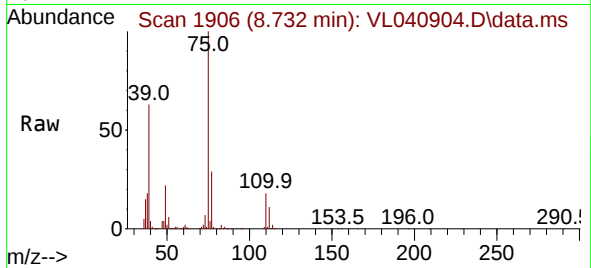
Tgt Ion: 57 Resp: 3181191
Ion Ratio Lower Upper
57 100
41 36.5 29.0 43.6
56 30.8 25.2 37.8





#45
t-1,3-Dichloropropene
Concen: 12.989 ppbv
RT: 8.732 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

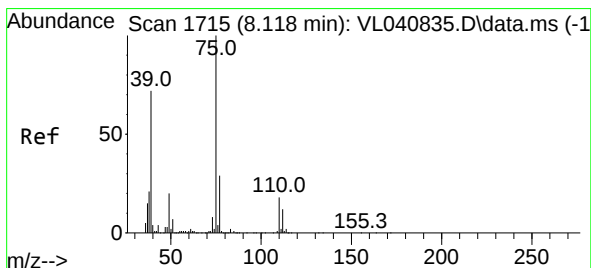
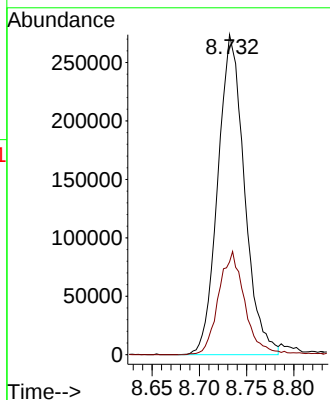
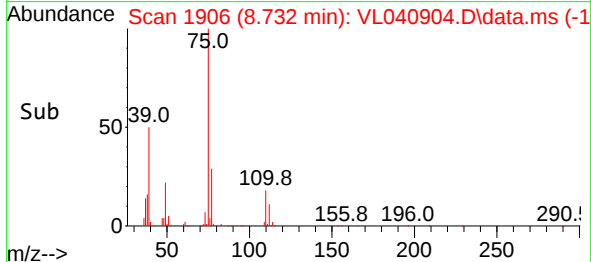
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



Tgt Ion: 75 Resp: 53613
Ion Ratio Lower Upper
75 100
77 29.0 24.9 37.3

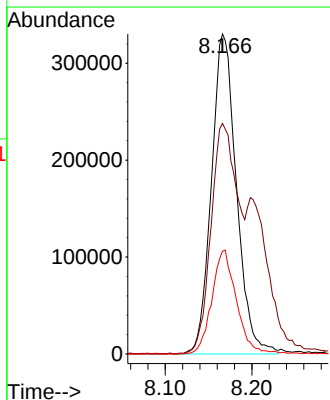
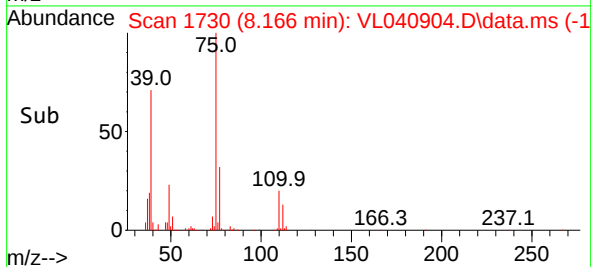
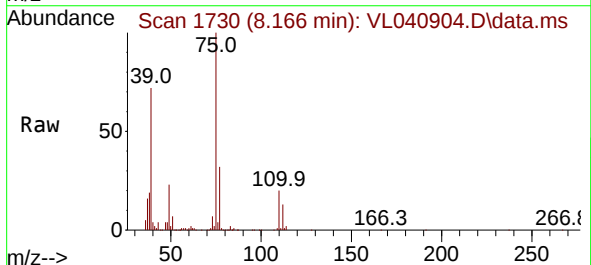
Manual Integrations
APPROVED

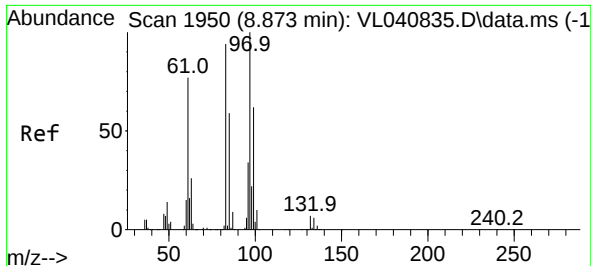
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#46
cis-1,3-Dichloropropene
Concen: 12.359 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 75 Resp: 661435
Ion Ratio Lower Upper
75 100
39 71.9 57.3 85.9
77 32.1 23.0 34.6





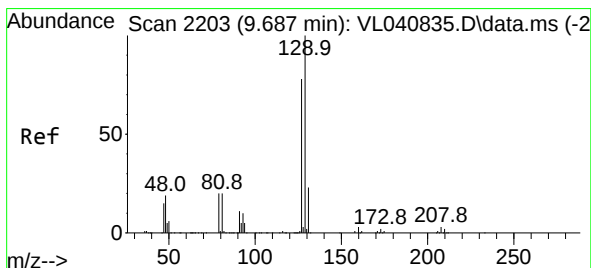
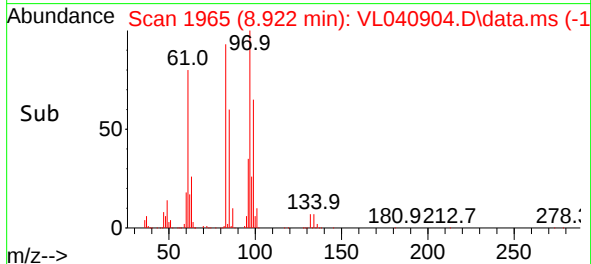
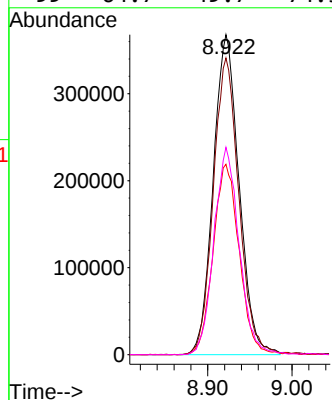
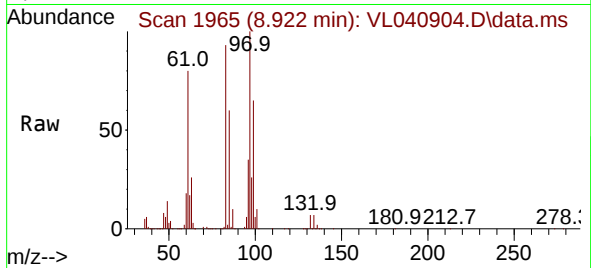
#47
1,1,2-Trichloroethane
Concen: 10.222 ppbv
RT: 8.922 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 97 Resp: 782785
Ion Ratio Lower Upper
97 100
83 92.6 74.8 112.2
85 59.5 47.4 71.0
99 64.7 49.7 74.5

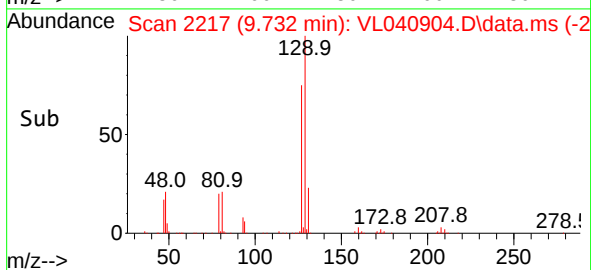
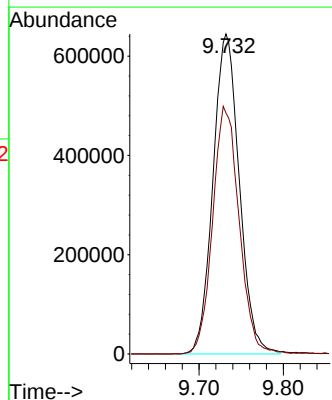
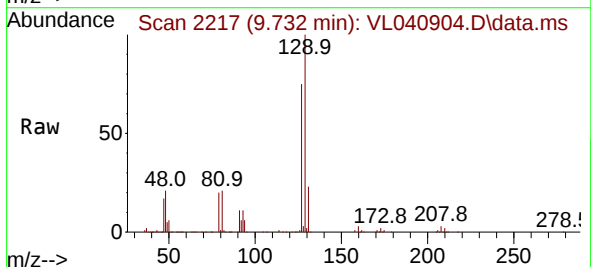
Manual Integrations
APPROVED

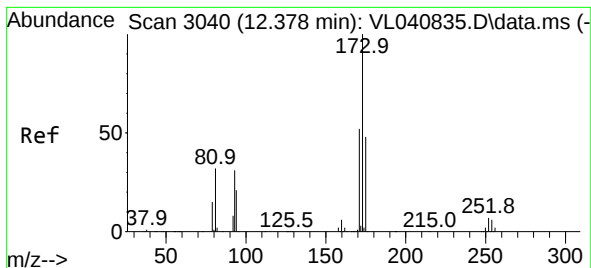
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#48
Dibromochloromethane
Concen: 11.003 ppbv
RT: 9.732 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:129 Resp: 1398087
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#49

Bromoform

Concen: 11.533 ppbv

RT: 12.430 min Scan# 3040

Delta R.T. 0.007 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion:173 Resp: 110223

Ion Ratio Lower Upper

173 100

175 48.9 39.0 58.6

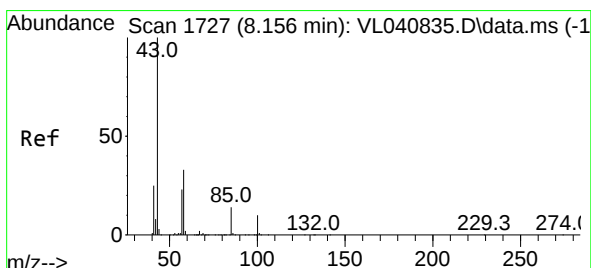
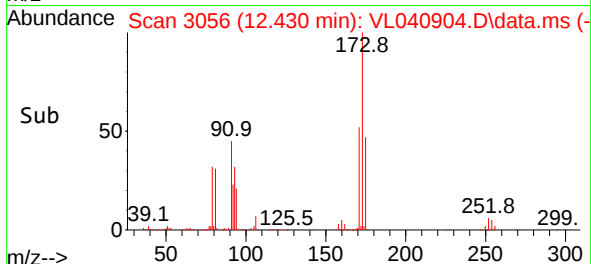
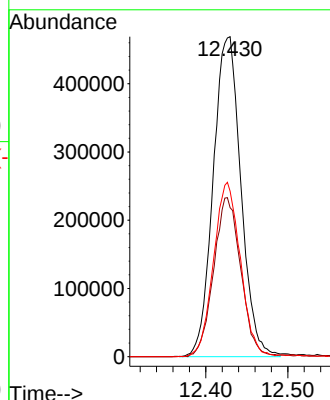
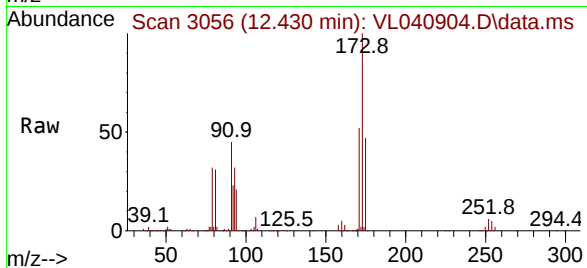
171 53.0 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#50

4-Methyl-2-Pentanone

Concen: 11.120 ppbv

RT: 8.201 min Scan# 1741

Delta R.T. 0.000 min

Lab File: VL040904.D

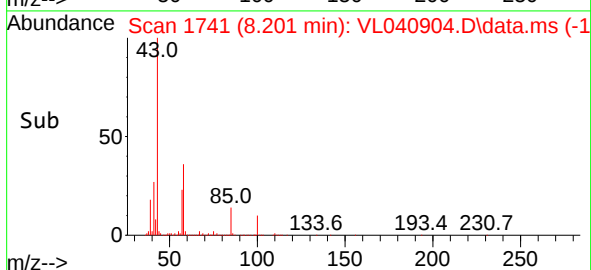
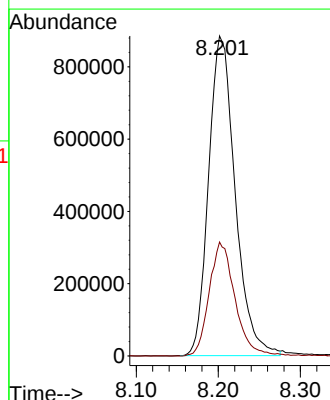
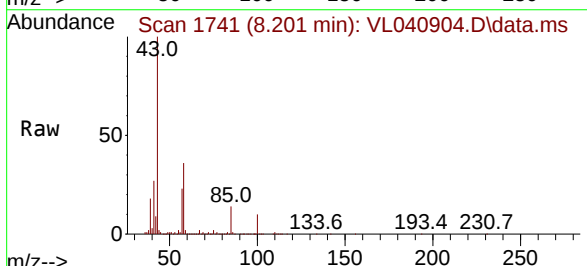
Acq: 27 Nov 2023 10:58

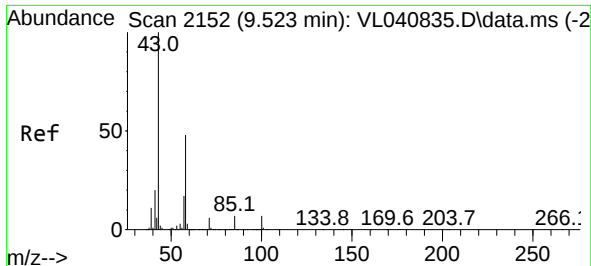
Tgt Ion: 43 Resp: 1990939

Ion Ratio Lower Upper

43 100

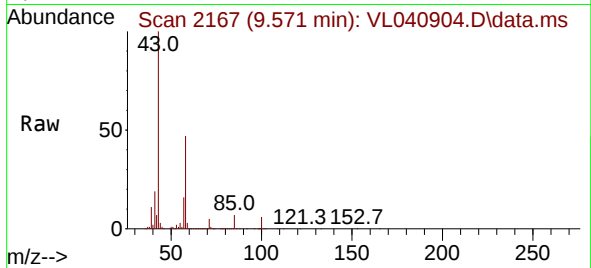
58 34.8 27.8 41.6





#51
2-Hexanone
Concen: 11.542 ppbv
RT: 9.571 min Scan# 2152
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

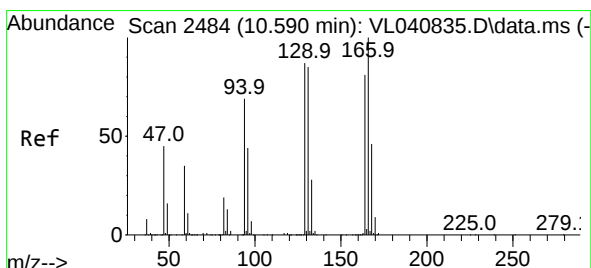
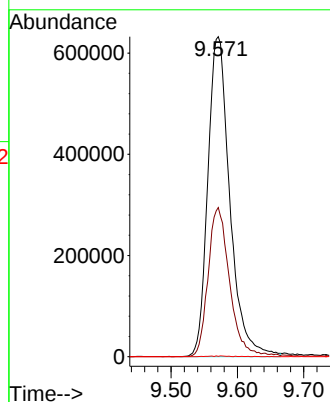
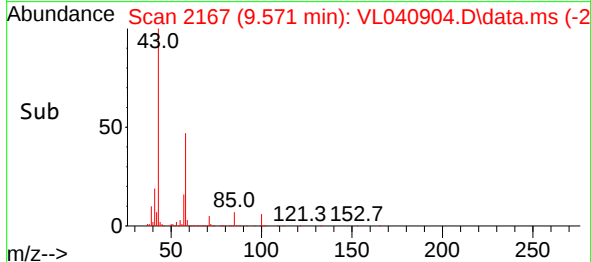
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



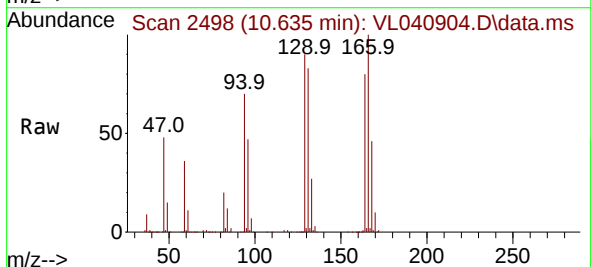
Tgt Ion: 43 Resp: 1456762
Ion Ratio Lower Upper
43 100
58 46.0 37.4 56.2
98 0.3 0.2 0.2

Manual Integrations
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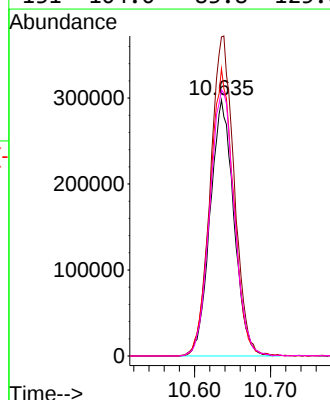
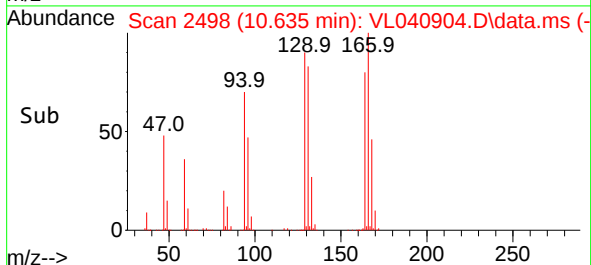
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

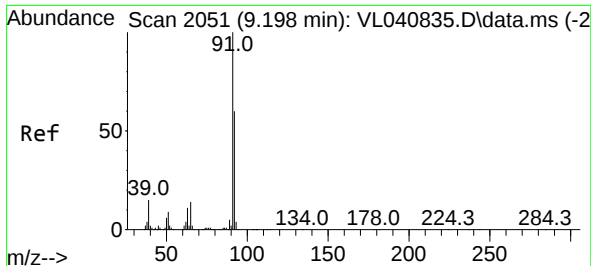


#52
Tetrachloroethene
Concen: 10.349 ppbv
RT: 10.635 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



Tgt Ion:164 Resp: 642321
Ion Ratio Lower Upper
164 100
166 124.6 98.3 147.5
129 112.2 85.1 127.7
131 104.0 83.8 125.6





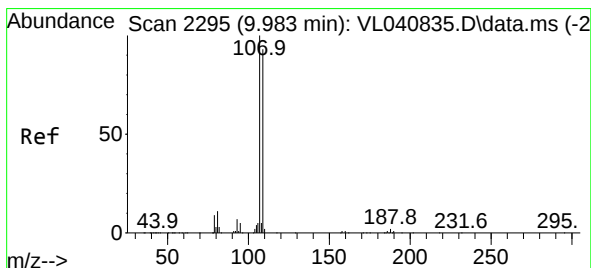
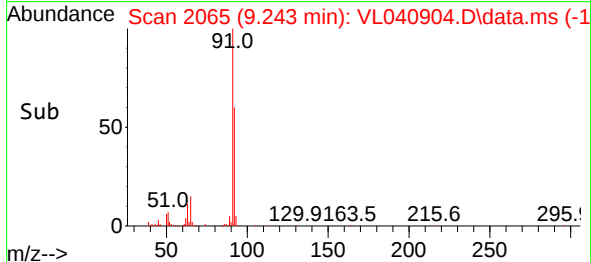
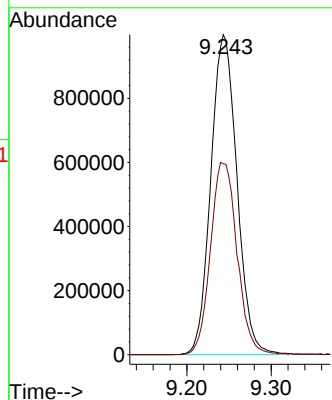
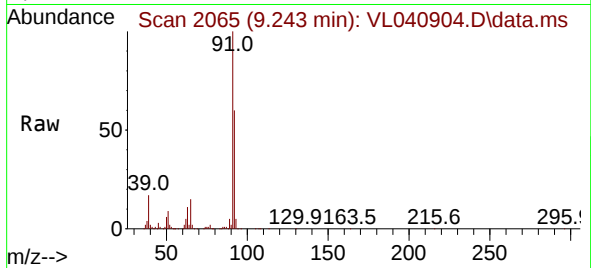
#53
Toluene
Concen: 10.597 ppbv
RT: 9.243 min Scan# 2051
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 91 Resp: 2149314
Ion Ratio Lower Upper
91 100
92 61.3 49.4 74.2

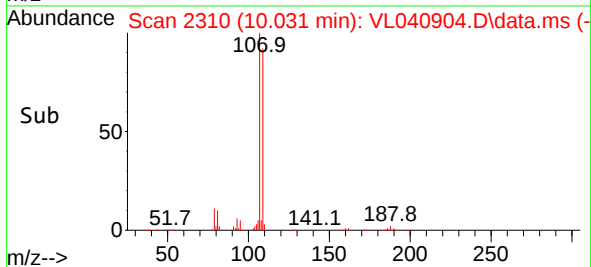
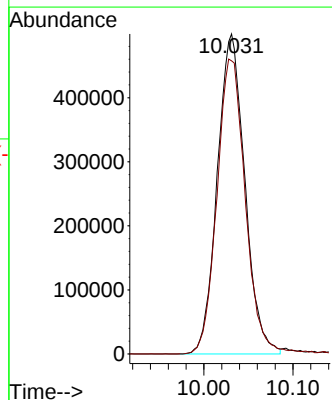
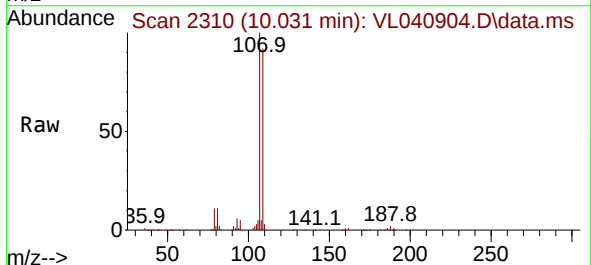
Manual Integrations
APPROVED

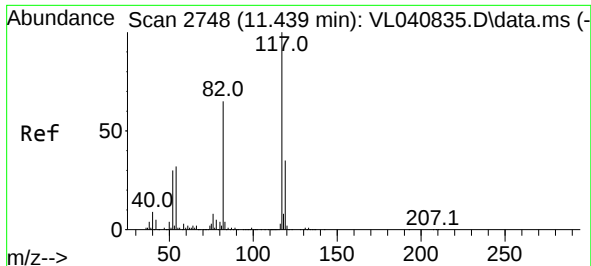
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#54
1,2-Dibromoethane
Concen: 10.878 ppbv
RT: 10.031 min Scan# 2310
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:107 Resp: 1072058
Ion Ratio Lower Upper
107 100
109 91.6 74.5 111.7





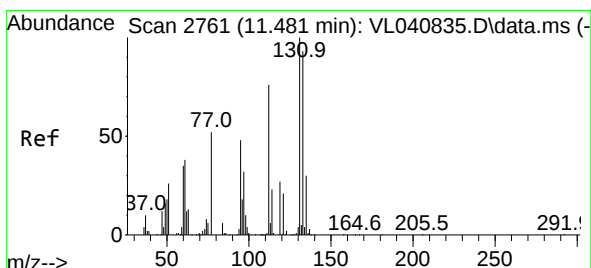
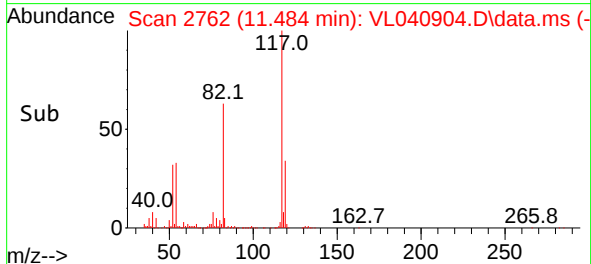
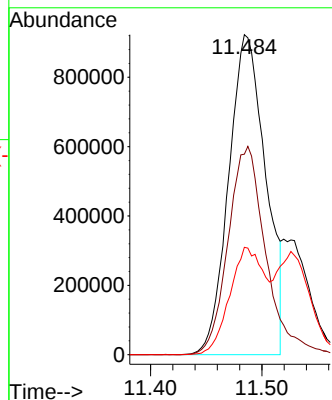
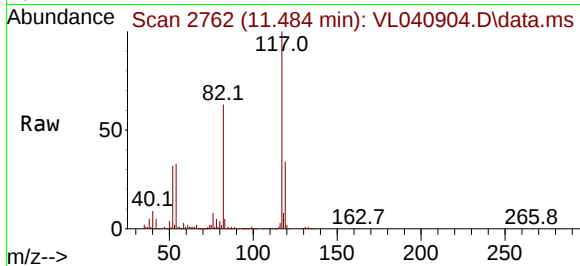
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion:117 Resp: 213894
Ion Ratio Lower Upper
117 100
82 66.3 50.6 75.8
119 33.3 23.3 34.9

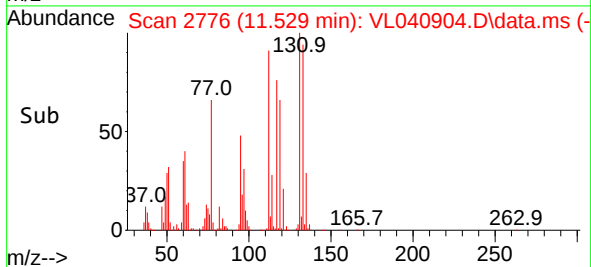
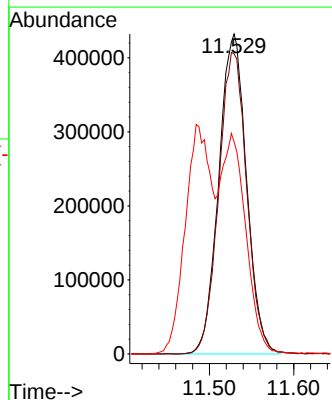
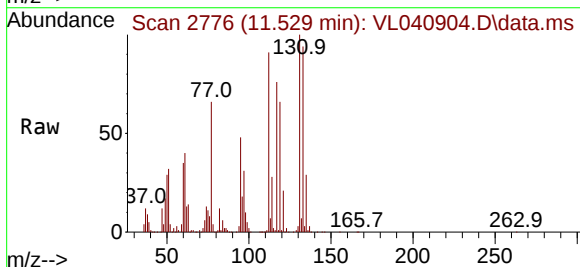
Manual Integrations
APPROVED

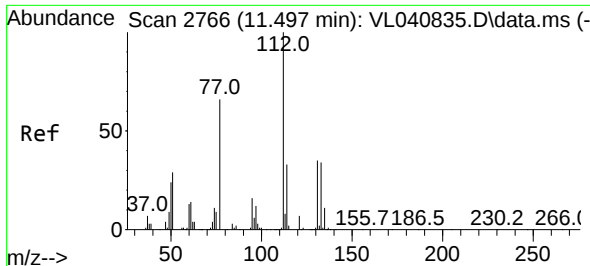
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.793 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:131 Resp: 988057
Ion Ratio Lower Upper
131 100
133 95.4 76.4 114.6
119 63.8 51.1 76.7





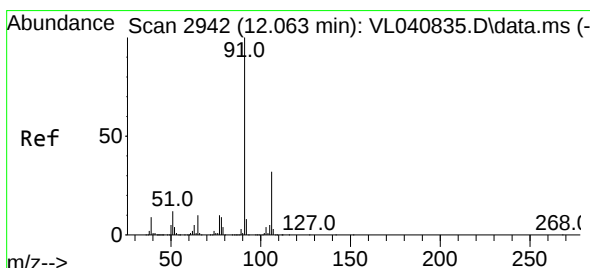
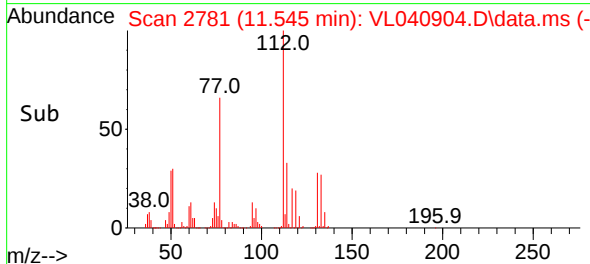
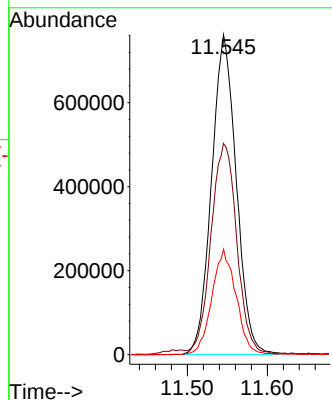
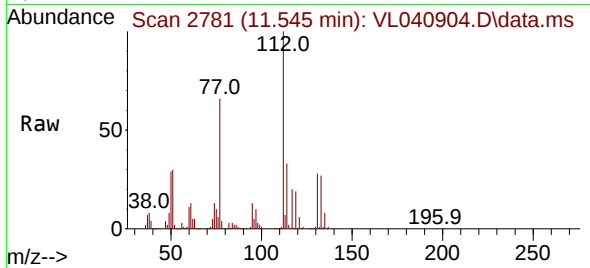
#57
Chlorobenzene
Concen: 10.309 ppbv
RT: 11.545 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion:112 Resp: 1634362
Ion Ratio Lower Upper
112 100
77 65.7 53.3 79.9
114 32.9 29.3 35.9

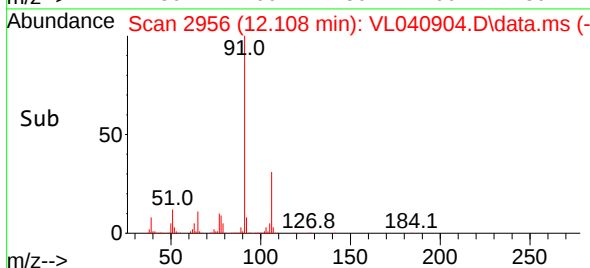
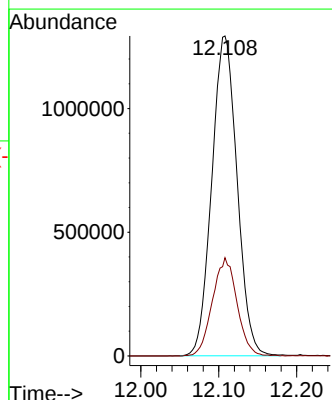
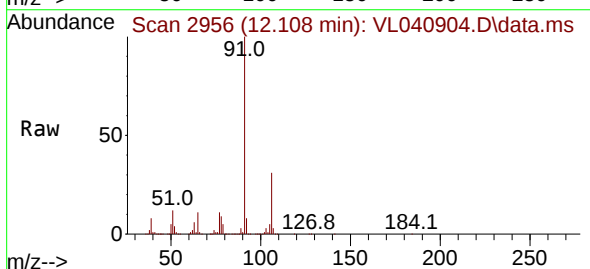
Manual Integrations
APPROVED

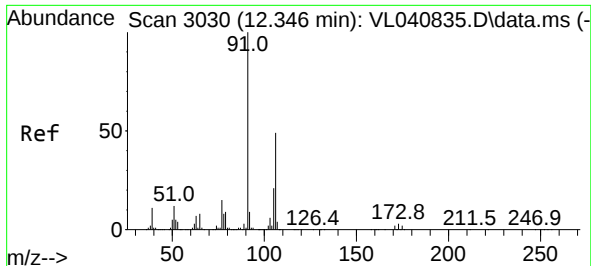
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#58
Ethyl Benzene
Concen: 10.448 ppbv
RT: 12.108 min Scan# 2956
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 91 Resp: 2915690
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8





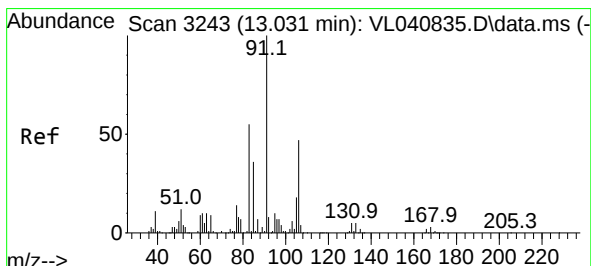
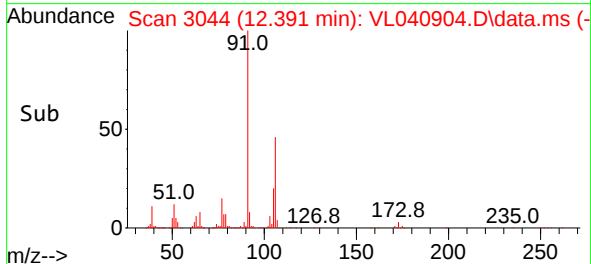
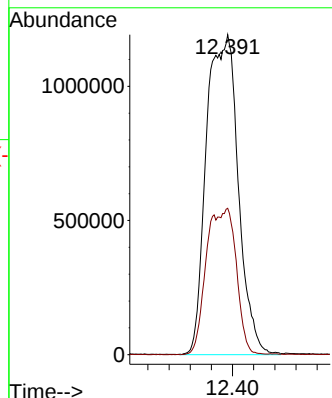
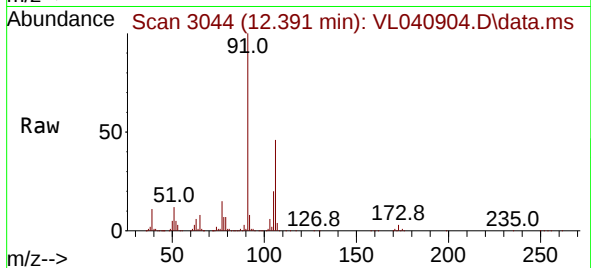
#59
m/p-Xylene
Concen: 20.900 ppbv m
RT: 12.391 min Scan# 3030
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 91 Resp: 496700
Ion Ratio Lower Upper
91 100
106 43.1 35.4 53.0

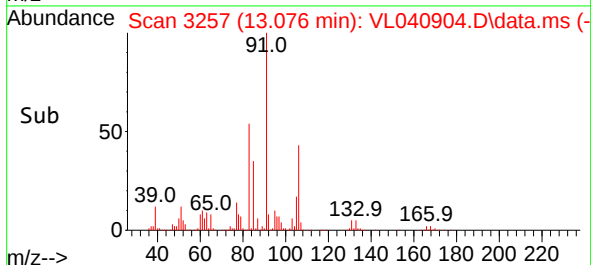
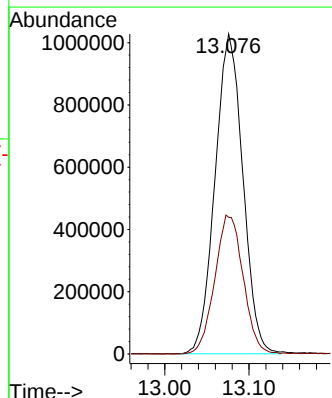
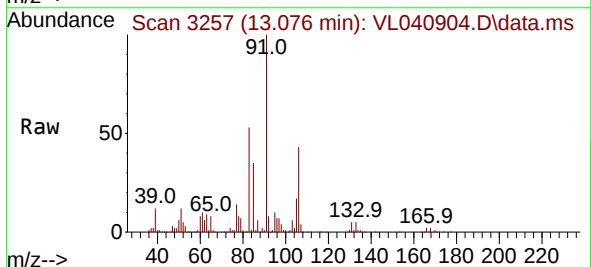
Manual Integrations
APPROVED

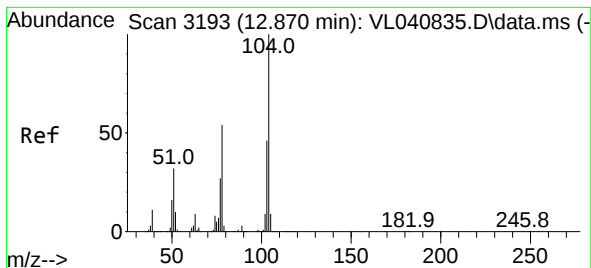
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#60
o-Xylene
Concen: 10.404 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 91 Resp: 2353879
Ion Ratio Lower Upper
91 100
106 44.5 22.9 68.5





#61

Styrene

Concen: 10.948 ppbv

RT: 12.915 min Scan# 3193

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion:104 Resp: 119450

Ion Ratio Lower Upper

104 100

78 54.7 43.3 64.9

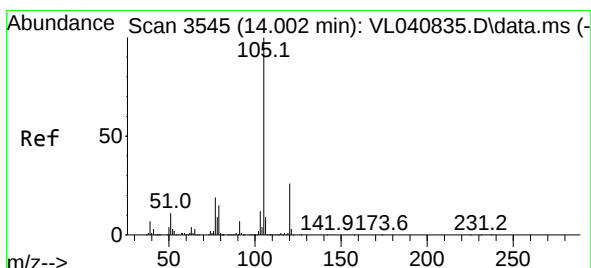
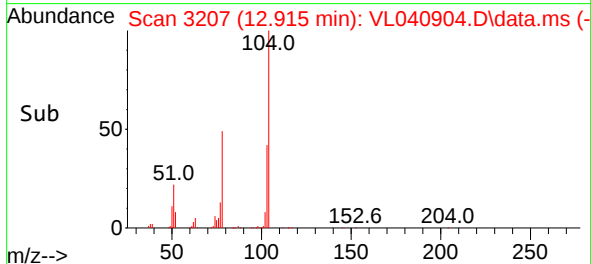
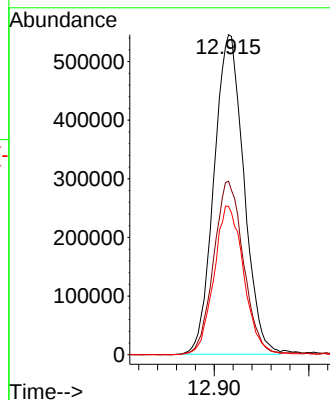
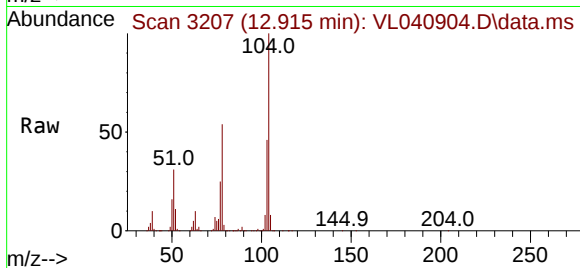
103 47.0 37.6 56.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#62

Isopropylbenzene

Concen: 10.116 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL040904.D

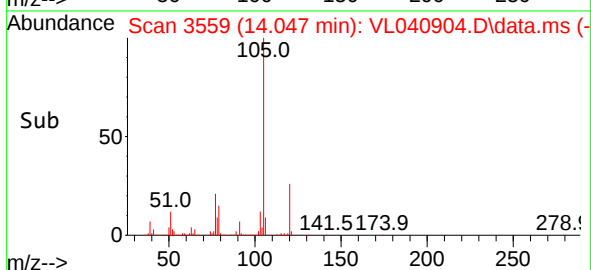
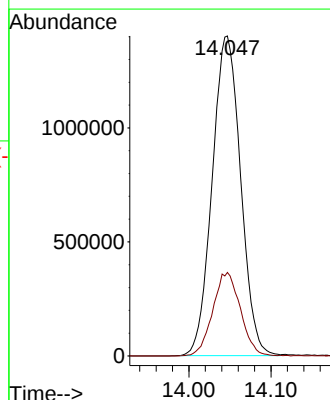
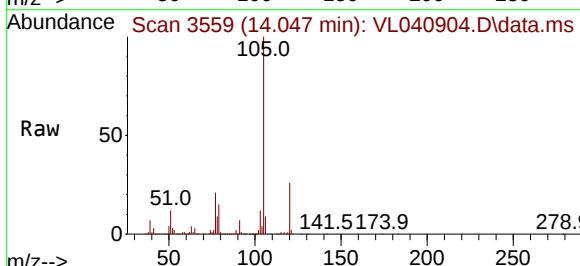
Acq: 27 Nov 2023 10:58

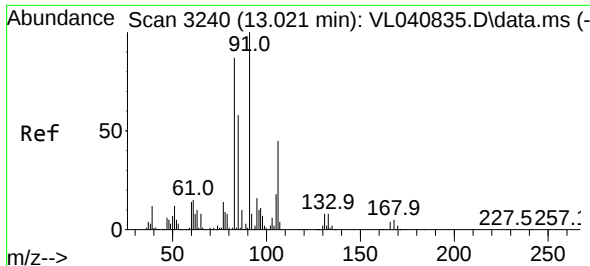
Tgt Ion:105 Resp: 3381110

Ion Ratio Lower Upper

105 100

120 25.5 20.7 31.1





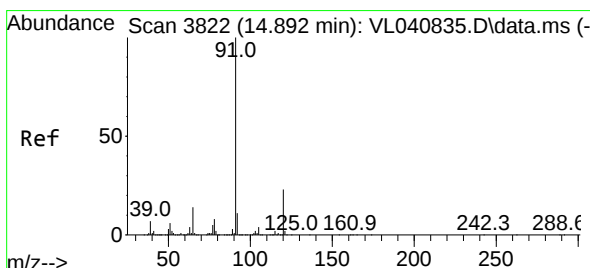
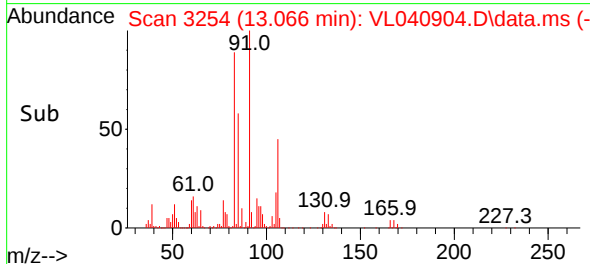
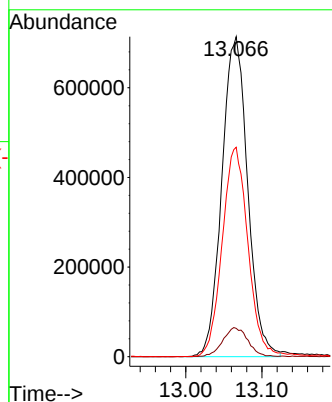
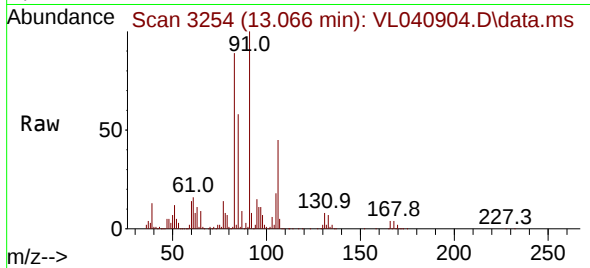
#63
1,1,2,2-Tetrachloroethane
Concen: 10.493 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 83 Resp: 168255
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 66.0 32.9 98.7

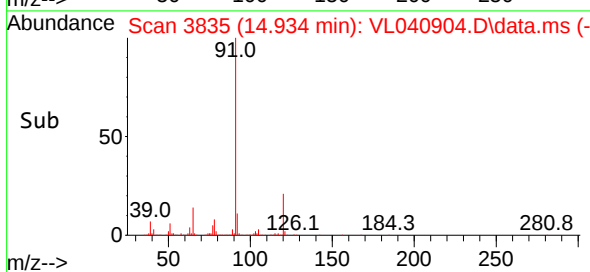
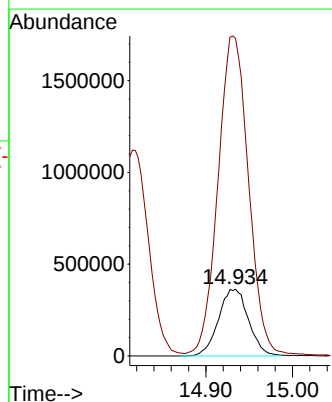
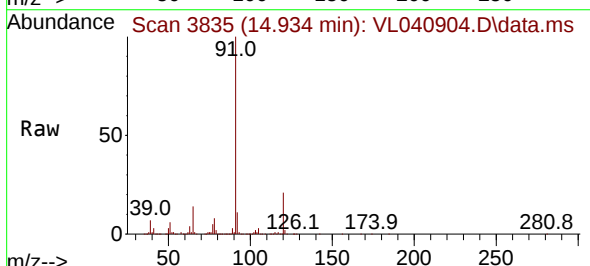
Manual Integrations
APPROVED

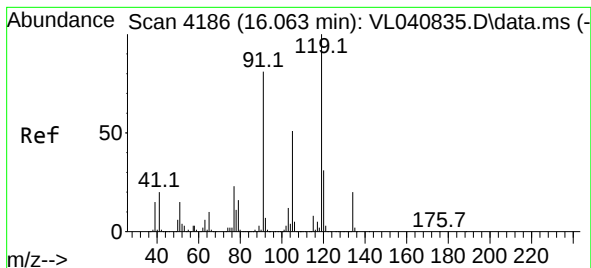
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#64
n-propylbenzene
Concen: 10.430 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:120 Resp: 873767
Ion Ratio Lower Upper
120 100
91 491.3 381.1 571.7





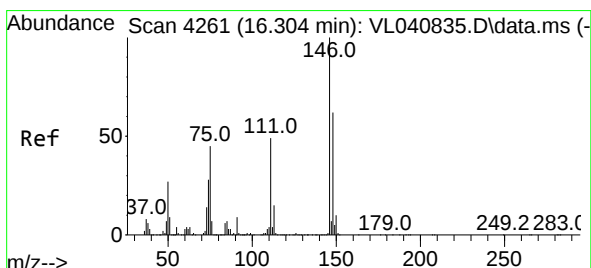
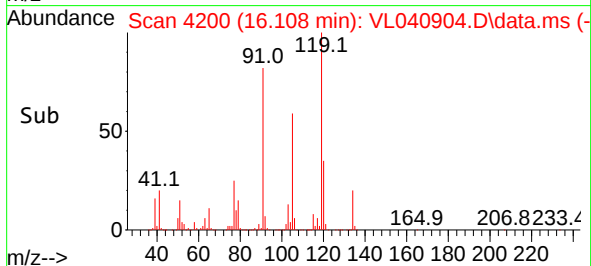
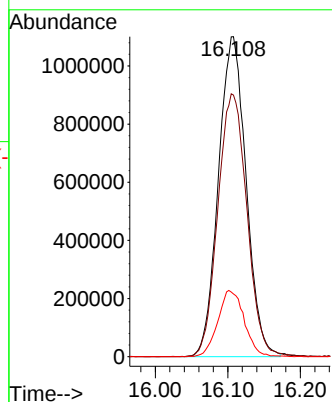
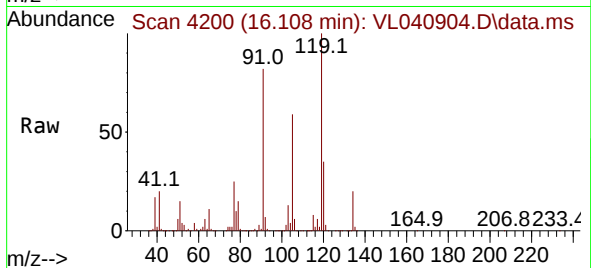
#65
tert-Butylbenzene
Concen: 10.356 ppbv
RT: 16.108 min Scan# 4186
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion:119 Resp: 291871
Ion Ratio Lower Upper
119 100
91 86.3 67.5 101.3
134 19.8 15.9 23.9

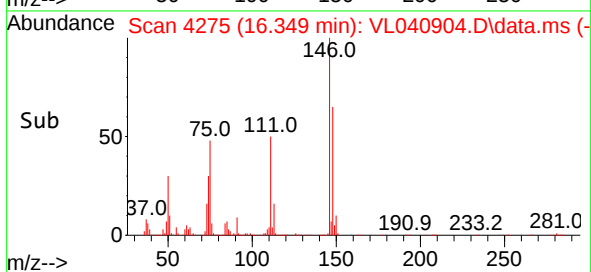
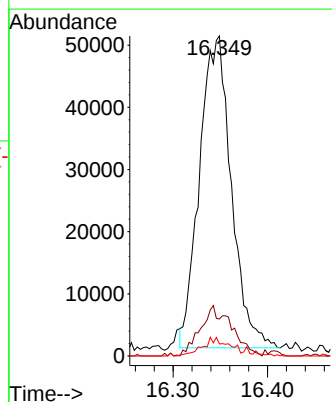
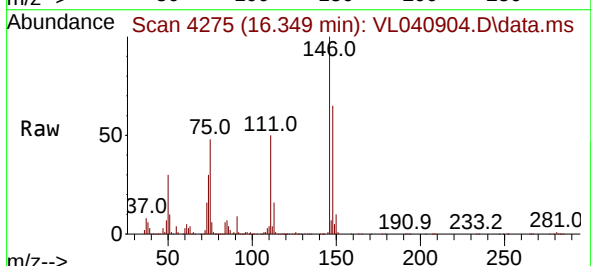
Manual Integrations
APPROVED

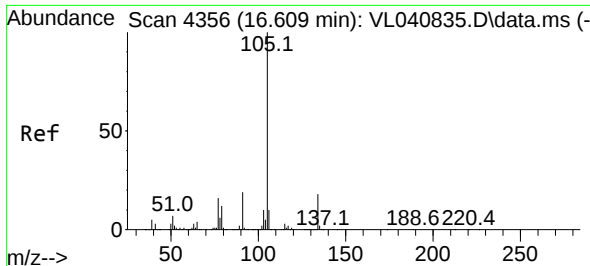
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#66
Benzyl Chloride
Concen: 11.274 ppbv
RT: 16.349 min Scan# 4275
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion: 91 Resp: 117080
Ion Ratio Lower Upper
91 100
126 16.0 12.8 19.2
128 5.8 0.0 0.0#





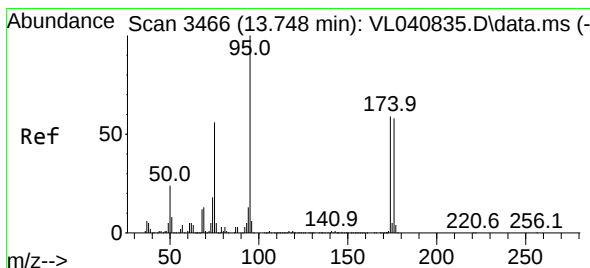
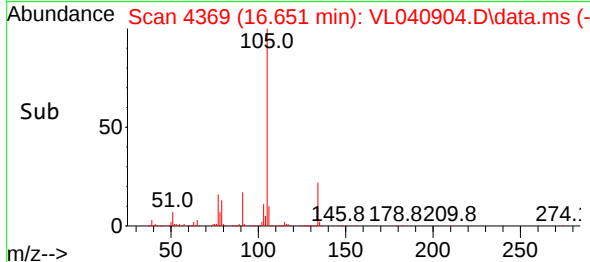
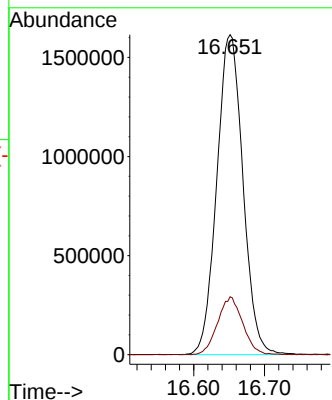
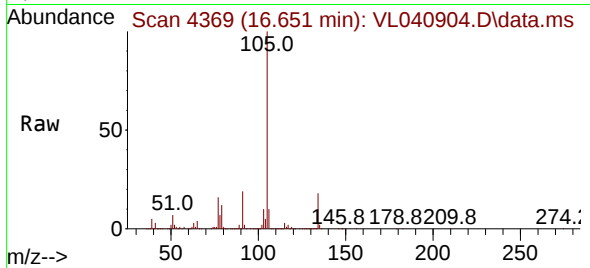
#67
 sec-Butylbenzene
 Concen: 10.274 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABS01

Tgt Ion:105 Resp: 413614
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.3 21.5

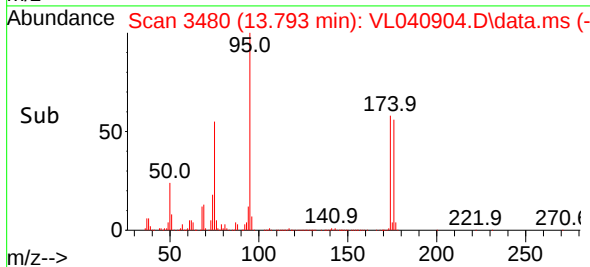
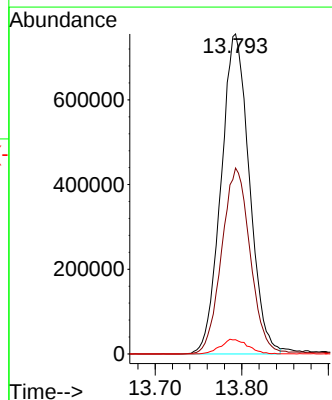
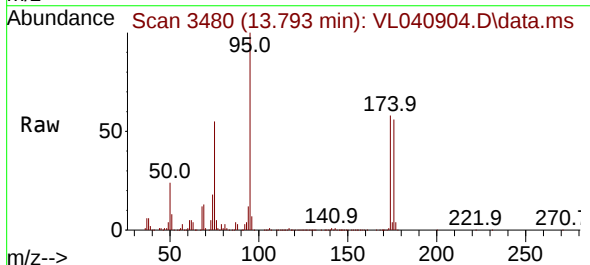
Manual Integrations
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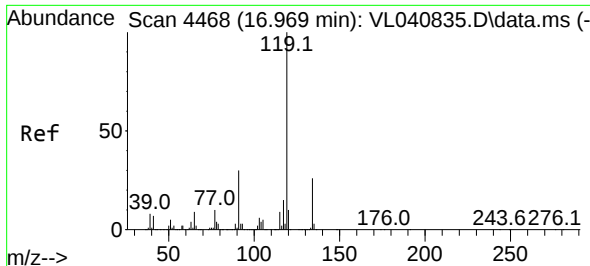
Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.239 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.000 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

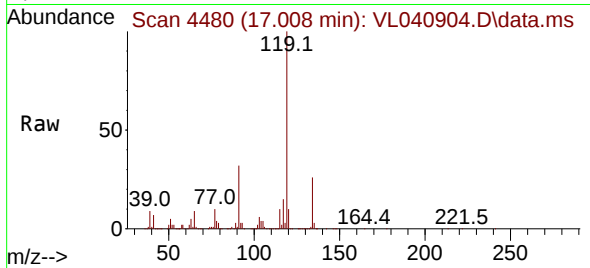
Tgt Ion: 95 Resp: 1714632
 Ion Ratio Lower Upper
 95 100
 174 59.3 47.5 71.3
 175 4.4 3.6 5.4





#69
p-Isopropyltoluene
Concen: 10.331 ppbv
RT: 17.008 min Scan# 4468
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

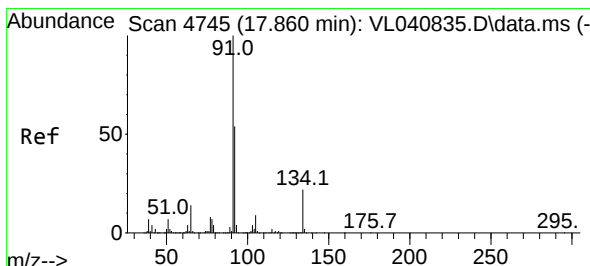
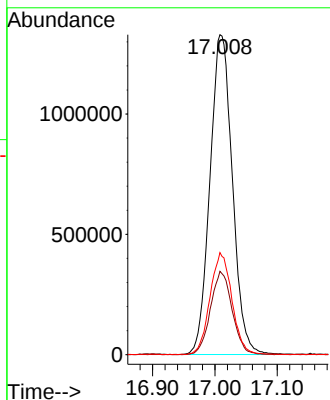
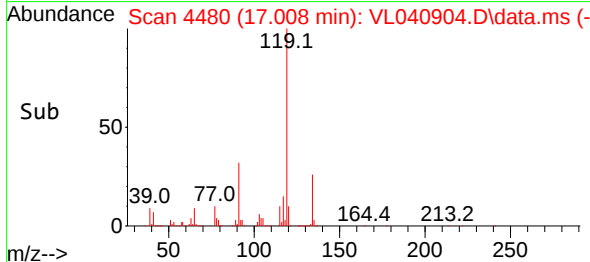
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



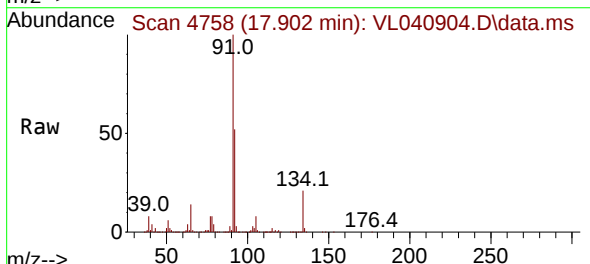
Tgt Ion:119 Resp: 331664
Ion Ratio Lower Upper
119 100
134 25.3 20.5 30.7
91 31.1 24.7 37.1

Manual Integrations
APPROVED

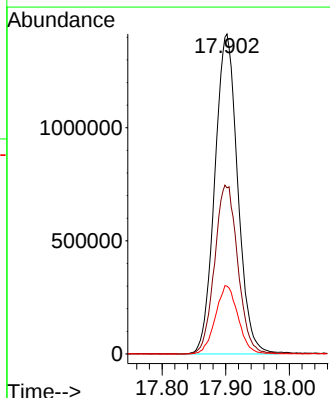
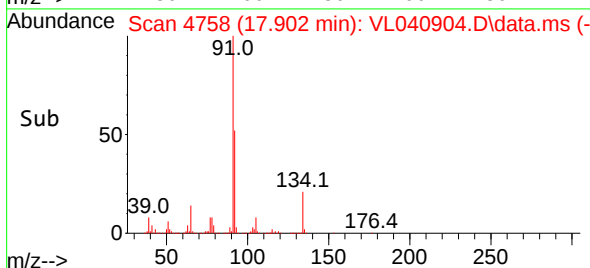
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

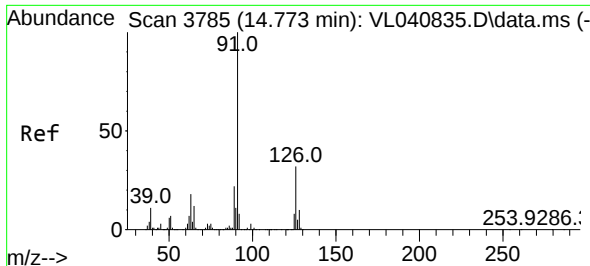


#70
n-Butylbenzene
Concen: 10.441 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



Tgt Ion: 91 Resp: 3539389
Ion Ratio Lower Upper
91 100
92 53.7 43.4 65.2
134 21.2 17.4 26.0





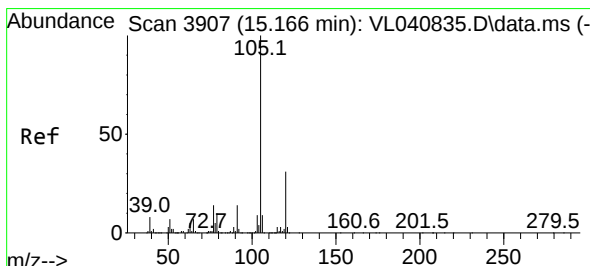
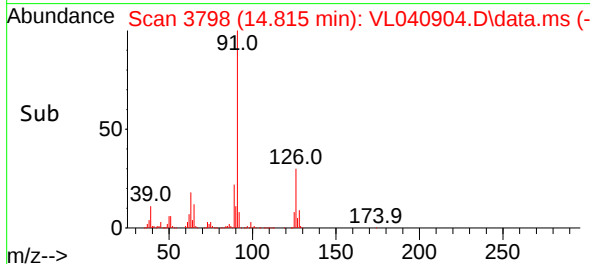
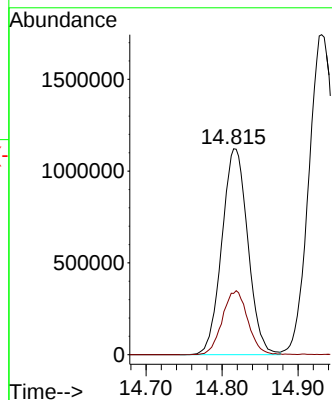
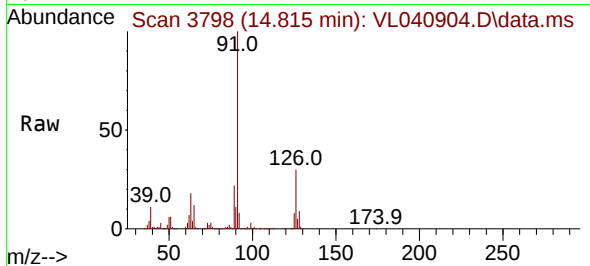
#71
2-Chlorotoluene
Concen: 10.444 ppbv
RT: 14.815 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01

Tgt Ion: 91 Resp: 2661120
Ion Ratio Lower Upper
91 100
126 30.5 12.1 48.5

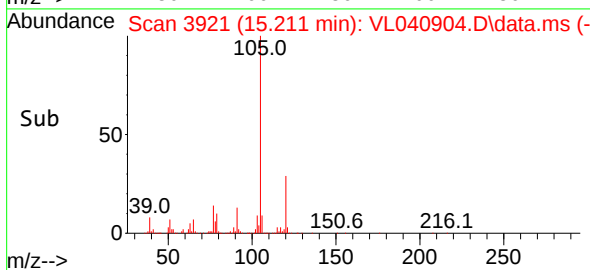
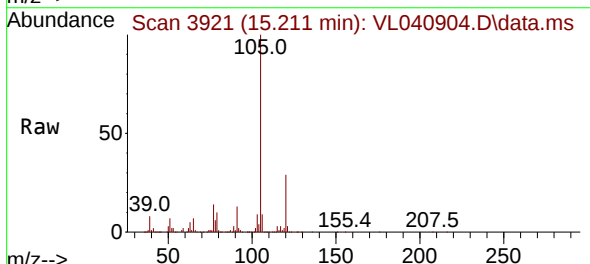
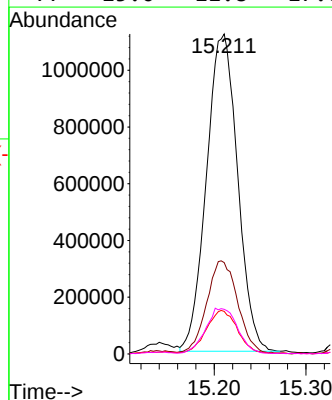
Manual Integrations
APPROVED

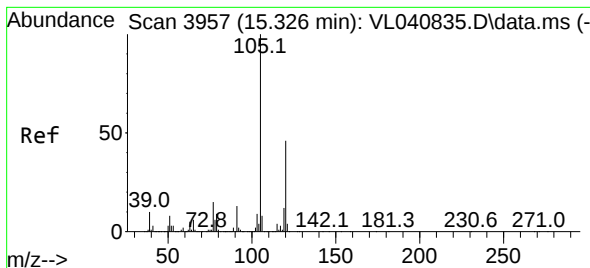
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023



#72
4-Ethyltoluene
Concen: 10.604 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

Tgt Ion:105 Resp: 2637207
Ion Ratio Lower Upper
105 100
120 29.6 24.5 36.7
91 14.8 10.6 16.0
77 15.0 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 10.395 ppbv

RT: 15.365 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Instrument :

MSVOA_L

ClientSampleId :

VL1127ABS01

Tgt Ion:105 Resp: 2286379

Ion Ratio Lower Upper

105 100

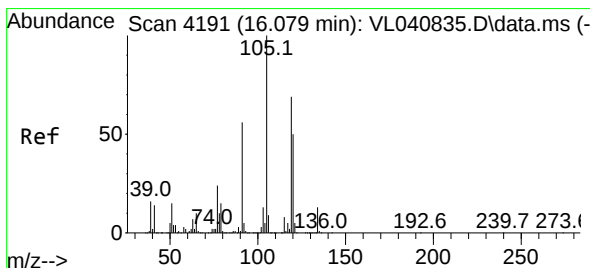
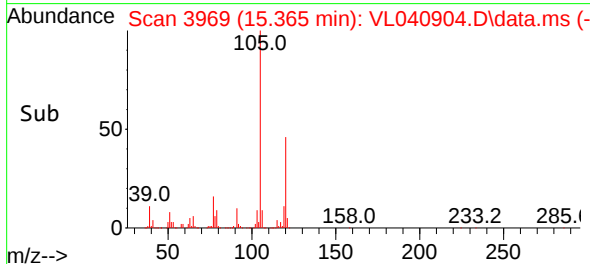
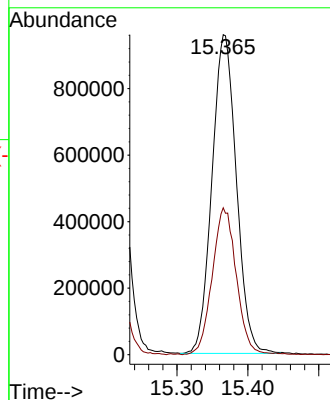
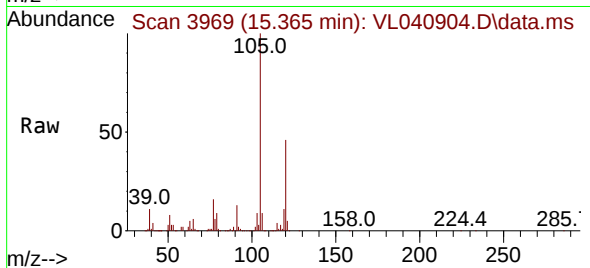
120 45.9 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023

Supervised By :Mahesh Dadoda 11/28/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.201 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.003 min

Lab File: VL040904.D

Acq: 27 Nov 2023 10:58

Tgt Ion:105 Resp: 2503893

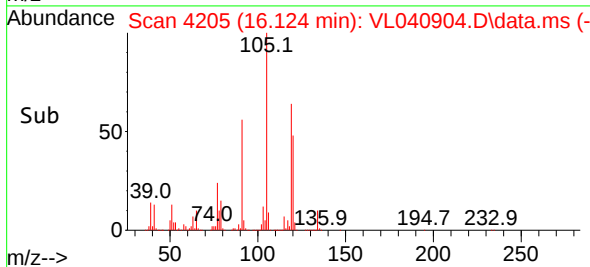
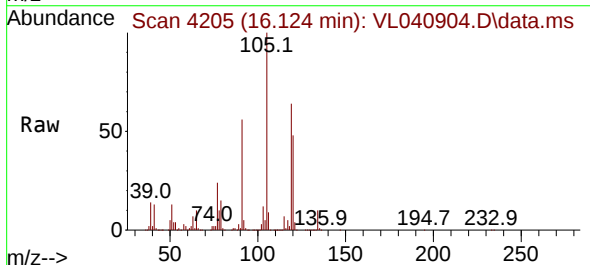
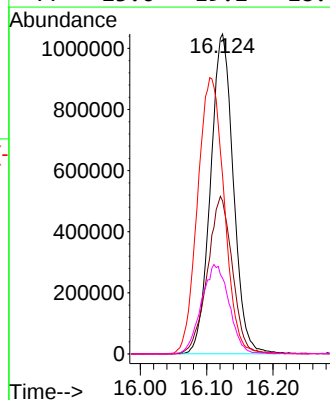
Ion Ratio Lower Upper

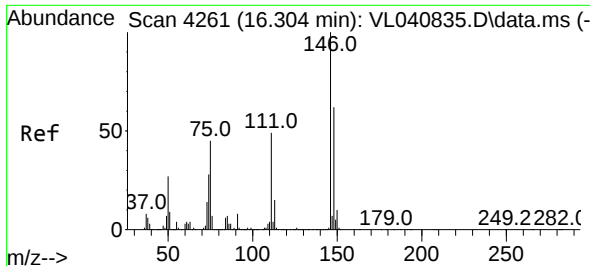
105 100

120 47.7 40.2 60.2

91 55.5 45.7 68.5

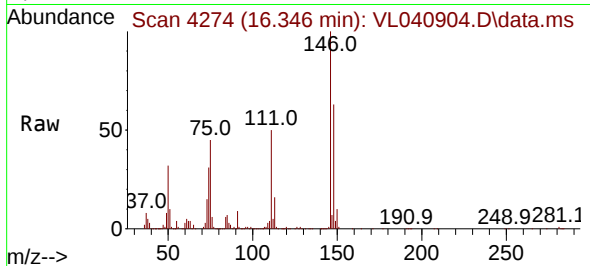
77 23.6 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 10.332 ppbv
RT: 16.346 min Scan# 4319
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

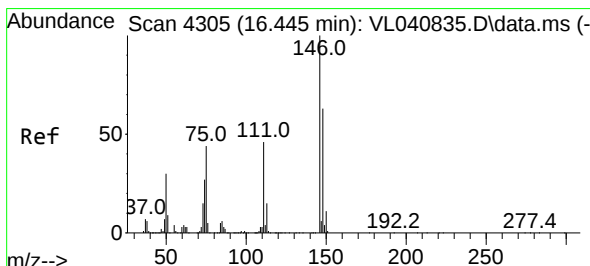
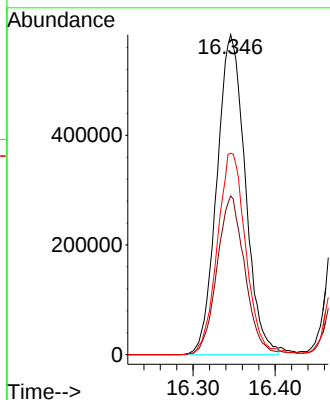
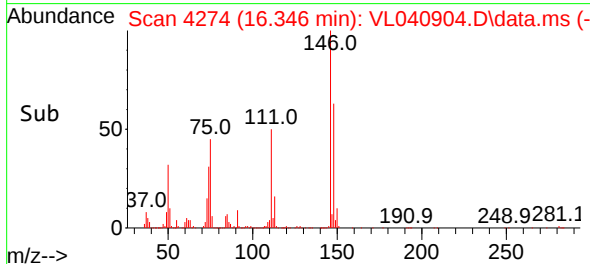
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



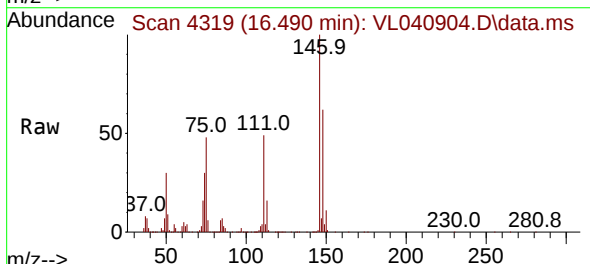
Tgt Ion:146 Resp: 1400392
Ion Ratio Lower Upper
146 100
111 48.9 24.9 74.8
148 63.5 32.1 96.5

Manual Integrations
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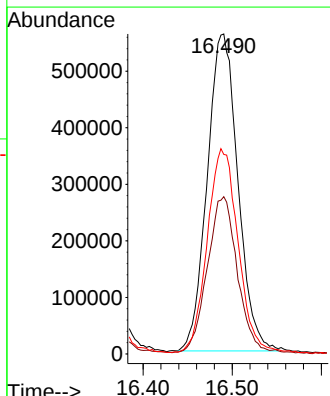
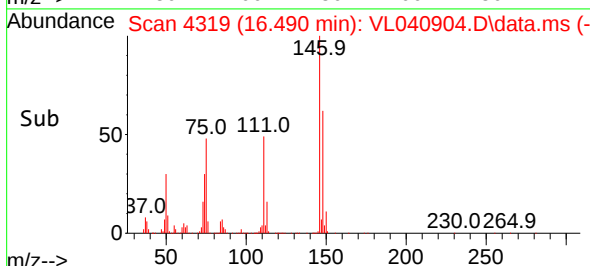
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

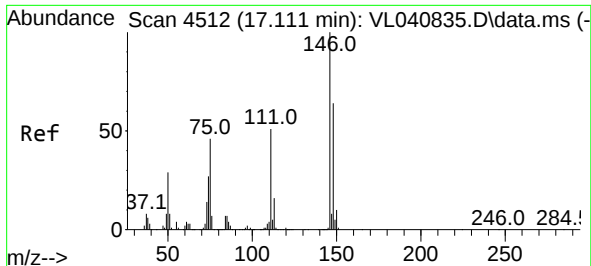


#76
1,4-Dichlorobenzene
Concen: 10.328 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.007 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



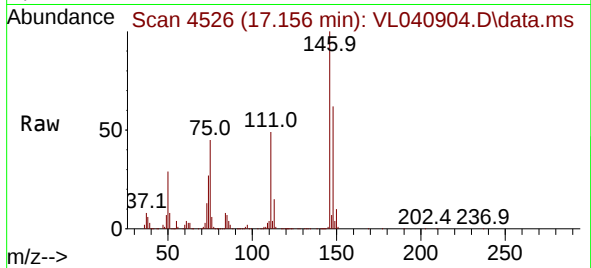
Tgt Ion:146 Resp: 1340169
Ion Ratio Lower Upper
146 100
111 50.0 24.1 72.4
148 66.0 32.3 96.9





#77
1,2-Dichlorobenzene
Concen: 10.215 ppbv
RT: 17.156 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

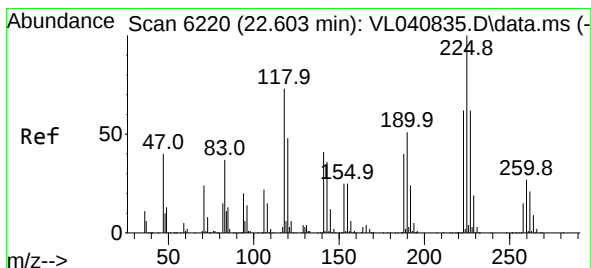
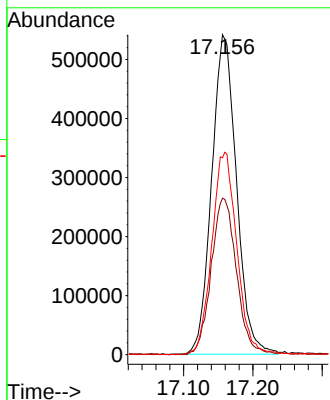
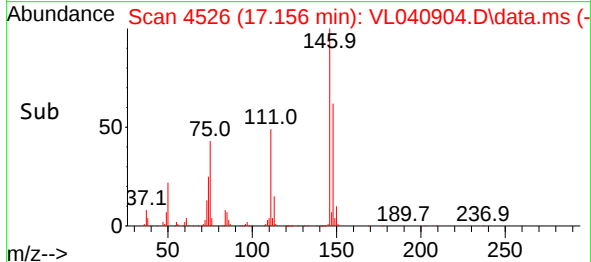
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



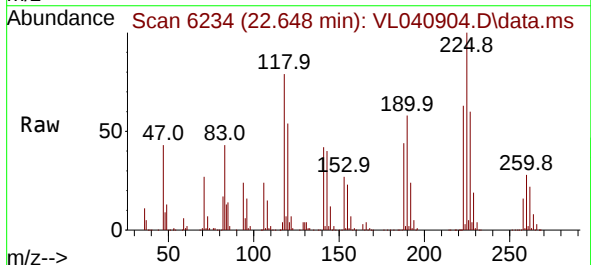
Tgt Ion:146 Resp: 134620
Ion Ratio Lower Upper
146 100
111 49.9 25.7 77.1
148 63.8 32.3 96.9

Manual Integrations
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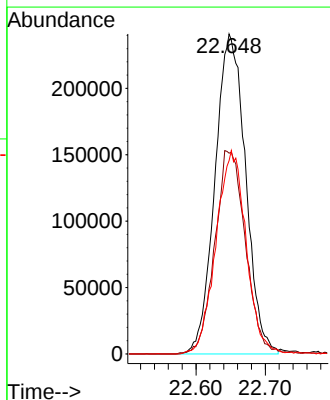
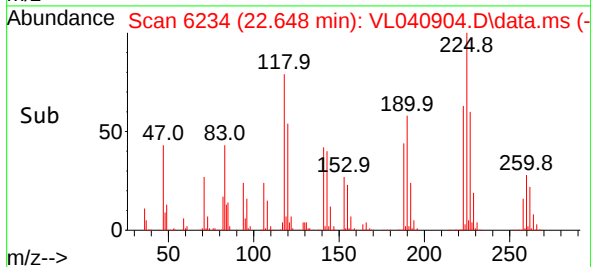
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

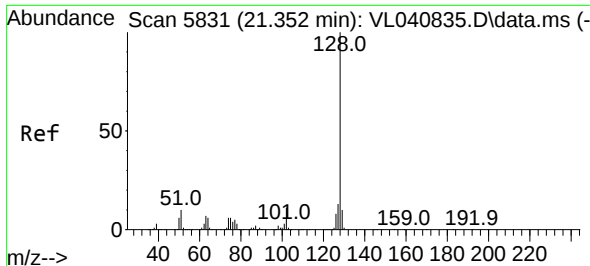


#78
Hexachloro-1,3-Butadiene
Concen: 8.949 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



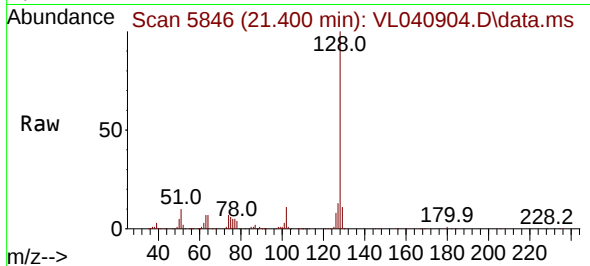
Tgt Ion:225 Resp: 738444
Ion Ratio Lower Upper
225 100
223 63.8 51.1 76.7
227 63.0 50.8 76.2





#79
Naphthalene
Concen: 11.203 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.000 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58

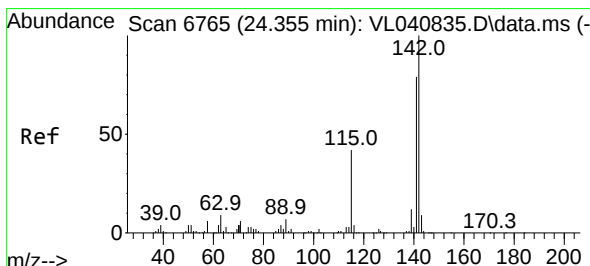
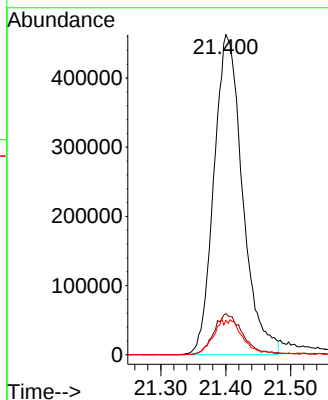
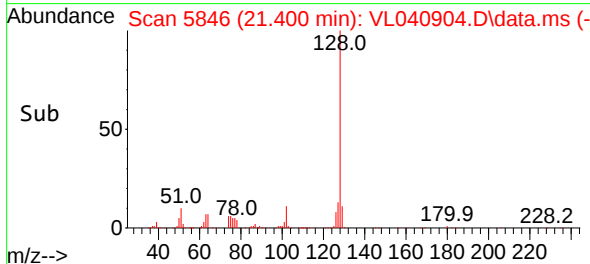
Instrument :
MSVOA_L
ClientSampleId :
VL1127ABS01



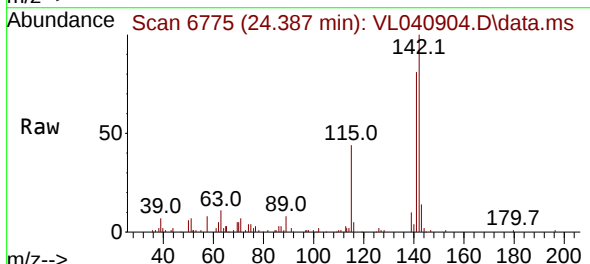
Tgt Ion:128 Resp: 1413300
Ion Ratio Lower Upper
128 100
127 12.9 10.0 15.0
129 10.7 8.3 12.5

Manual Integrations
APPROVED

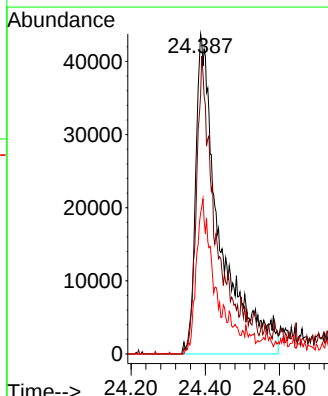
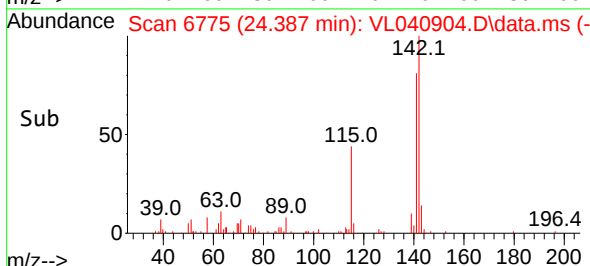
Reviewed By :Semsettin Yesilyurt 11/28/2023
Supervised By :Mahesh Dadoda 11/28/2023

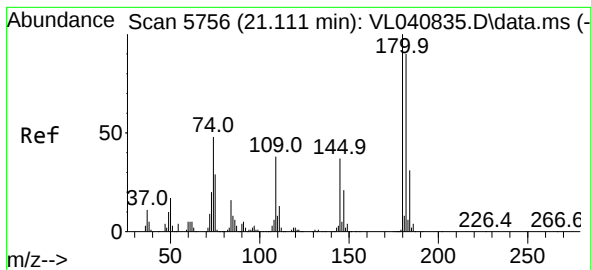


#80
Naphthalene,2-methyl-
Concen: 8.857 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. -0.003 min
Lab File: VL040904.D
Acq: 27 Nov 2023 10:58



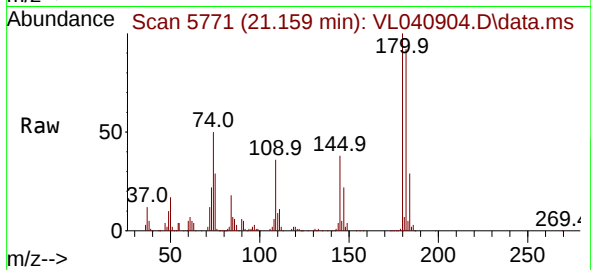
Tgt Ion:142 Resp: 197252
Ion Ratio Lower Upper
142 100
141 80.1 65.8 98.8
115 38.8 35.6 53.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.816 ppbv
 RT: 21.159 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040904.D
 Acq: 27 Nov 2023 10:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1127ABS01



Tgt Ion:180 Resp: 75284
 Ion Ratio Lower Upper
 180 100
 182 96.3 77.6 116.4
 184 30.9 24.2 36.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

