

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040023.D
 Acq On : 19 Dec 2022 11:29
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:22:41 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Dec 20 04:20:10 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	985788	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.636	114	2930157	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2576617	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.764 95 2012448 10.225 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.713	85	127820	0.693	ppbv	100
3) Chlorodifluoromethane	2.655	51	82509	0.567	ppbv	99
4) Chloromethane	2.793	50	49339	0.541	ppbv	91
5) Vinyl Chloride	2.899	62	40730	0.552	ppbv #	88
6) Bromomethane	3.099	94	14767	0.545	ppbv	90
7) Chloroethane	3.179	64	15760	0.567	ppbv	96
8) Dichlorotetrafluoroethane	2.838	85	110228	0.568	ppbv	98
9) Propene	2.674	41	33642	0.545	ppbv	88
10) Heptane	7.565	43	78476m	0.522	ppbv	
11) Trichlorofluoromethane	3.546	101	109425	0.546	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.047	101	84112	0.554	ppbv	100
13) Ethanol	3.247	45	3340m	0.641	ppbv	
14) Bromoethene	3.346	108	28004	0.490	ppbv #	90
15) Acetone	3.462	43	84581	0.555	ppbv	90
16) 1,3-Butadiene	2.967	39	32505	0.490	ppbv	90
17) tert-Butyl alcohol	3.877	59	87658m	0.587	ppbv	
18) 1,1-Dichloroethene	3.861	96	35783	0.541	ppbv	98
19) Isopropyl Alcohol	3.578	45	40026	0.533	ppbv #	89
20) Methylene Chloride	3.915	84	42003	0.648	ppbv #	85
21) Allyl Chloride	3.976	41	46735	0.510	ppbv	99
22) trans-1,2-Dichloroethene	4.430	96	32114	0.487	ppbv	93
23) Vinyl Acetate	4.613	43	24956m	0.516	ppbv	
24) 1,1-Dichloroethane	4.546	63	77591	0.547	ppbv #	98
25) Ethyl Acetate	5.192	43	144619	0.548	ppbv	98
26) Hexane	5.195	57	60298	0.543	ppbv	93
27) Carbon Disulfide	4.108	76	59880	0.428	ppbv #	91
28) Methyl tert-Butyl Ether	4.578	73	71753	0.548	ppbv	99
29) Chloroform	5.256	83	95203	0.562	ppbv	88
30) Cyclohexane	6.584	84	48570	0.494	ppbv	91
31) cis-1,2-Dichloroethene	5.060	61	56368	0.533	ppbv	90
32) 1,1,1-Trichloroethane	5.983	97	98689	0.543	ppbv	97
34) 2-Butanone	4.784	43	84212m	0.544	ppbv	
35) Carbon Tetrachloride	6.475	117	93388	0.512	ppbv	96
36) Benzene	6.353	78	131632	0.503	ppbv	99
37) 1,2-Dichloroethane	5.787	62	75605	0.492	ppbv #	96
38) Trichloroethene	7.275	130	71569	0.529	ppbv	92
39) 1,2-Dichloropropane	7.057	63	50087	0.511	ppbv #	85
40) 1,4-Dioxane	7.314	88	23586m	0.530	ppbv	
41) Tetrahydrofuran	5.562	42	51104m	0.532	ppbv	
42) Bromodichloromethane	7.227	83	101238m	0.482	ppbv	
43) Methyl Methacrylate	7.465	69	46806	0.477	ppbv	93
44) 2,2,4-Trimethylpentane	7.308	57	225468	0.523	ppbv	98
45) t-1,3-Dichloropropene	8.693	75	33821m	0.408	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040023.D
 Acq On : 19 Dec 2022 11:29
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/20/2022
 Supervised By : Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 04:22:41 2022

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

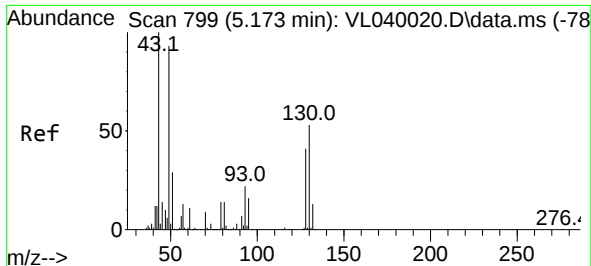
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 12 2022

QLast Update : Tue Dec 20 04:20:10 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.124	75	48397	0.413	ppbv	98
47) 1,1,2-Trichloroethane	8.880	97	55342m	0.516	ppbv	
48) Dibromochloromethane	9.693	129	70827	0.433	ppbv	99
49) Bromoform	12.388	173	50634m	0.406	ppbv	
50) 4-Methyl-2-Pentanone	8.182	43	124920	0.481	ppbv	100
51) 2-Hexanone	9.561	43	95988m	0.477	ppbv	
52) Tetrachloroethene	10.603	164	44530	0.497	ppbv	88
53) Toluene	9.208	91	140374	0.484	ppbv	99
54) 1,2-Dibromoethane	9.996	107	58612	0.510	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.500	131	61278m	0.515	ppbv	
57) Chlorobenzene	11.510	112	118779	0.543	ppbv #	95
58) Ethyl Benzene	12.073	91	187030m	0.511	ppbv	
59) m/p-Xylene	12.352	91	331203m	1.039	ppbv	
60) o-Xylene	13.040	91	155914m	0.511	ppbv	
61) Styrene	12.886	104	73990m	0.454	ppbv	
62) Isopropylbenzene	14.018	105	237452	0.539	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.037	83	66110m	0.588	ppbv	
64) n-propylbenzene	14.905	120	57165m	0.515	ppbv	
65) tert-Butylbenzene	16.082	119	202196m	0.529	ppbv	
66) Benzyl Chloride	16.314	91	10240m	0.515	ppbv	
67) sec-Butylbenzene	16.625	105	281762	0.525	ppbv	98
69) p-Isopropyltoluene	16.982	119	216183	0.504	ppbv	97
70) n-Butylbenzene	17.876	91	234342m	0.523	ppbv	
71) 2-Chlorotoluene	14.790	91	175146	0.521	ppbv	97
72) 4-Ethyltoluene	15.185	105	169967	0.501	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.336	105	157778m	0.514	ppbv	
74) 1,2,4-Trimethylbenzene	16.098	105	181408	0.538	ppbv #	89
75) 1,3-Dichlorobenzene	16.320	146	95724m	0.520	ppbv	
76) 1,4-Dichlorobenzene	16.458	146	93753m	0.516	ppbv	
77) 1,2-Dichlorobenzene	17.134	146	96144m	0.543	ppbv	
78) Hexachloro-1,3-Butadiene	22.619	225	71439m	0.583	ppbv	
79) Naphthalene	21.381	128	95417m	0.476	ppbv	
80) Naphthalene,2-methyl-	24.381	142	28477m	0.495	ppbv	
81) 1,2,4-Trichlorobenzene	21.140	180	58073m	0.489	ppbv	

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



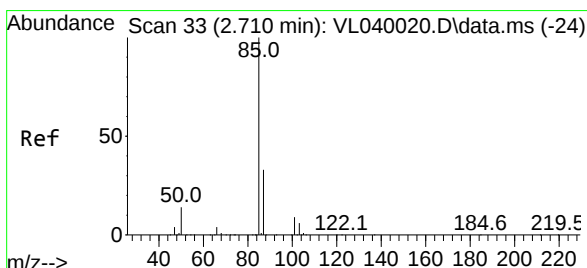
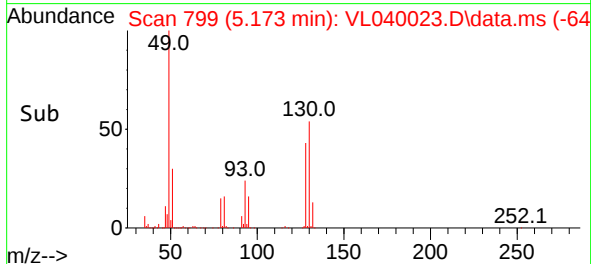
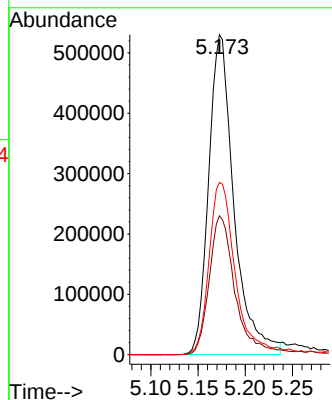
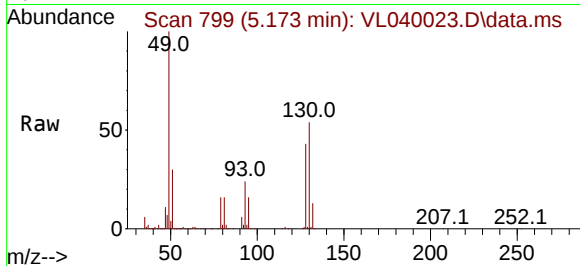
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 799
Delta R.T. -0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 98578
Ion Ratio Lower Upper
49 100
128 45.8 22.4 67.3
130 58.2 28.9 86.8

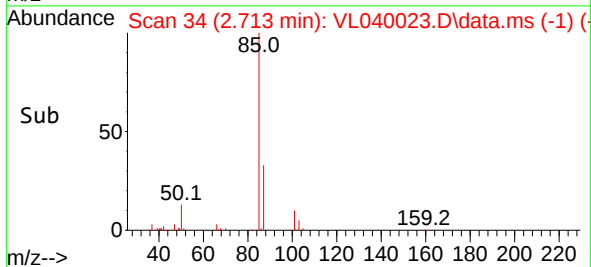
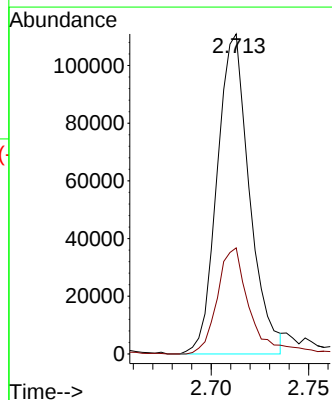
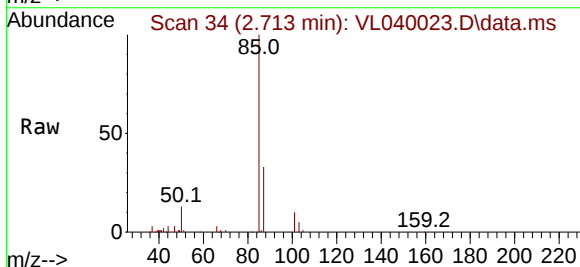
Manual Integrations
APPROVED

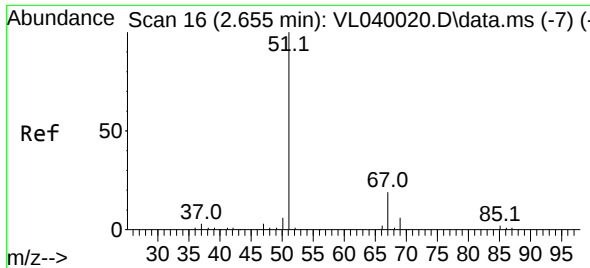
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#2
Dichlorodifluoromethane
Concen: 0.693 ppbv
RT: 2.713 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

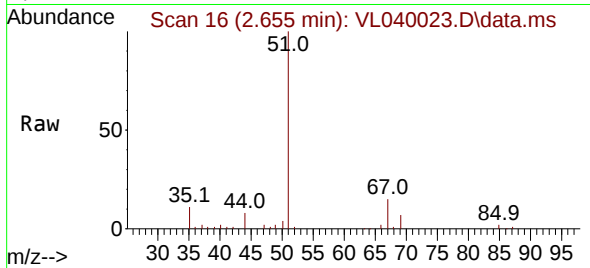
Tgt Ion: 85 Resp: 127820
Ion Ratio Lower Upper
85 100
87 33.1 26.6 40.0





#3
Chlorodifluoromethane
Concen: 0.567 ppbv
RT: 2.655 min Scan# 16
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

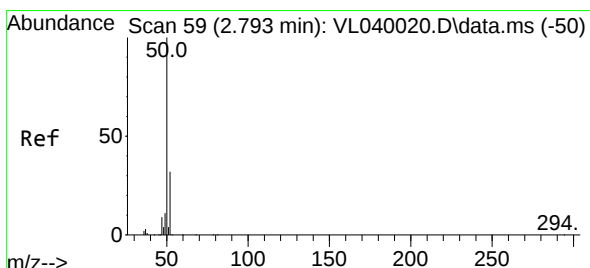
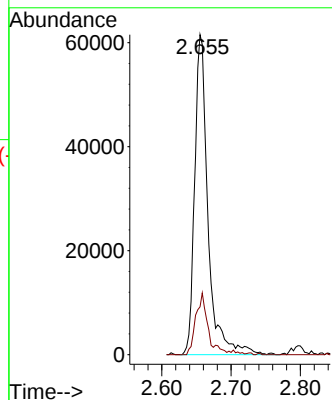
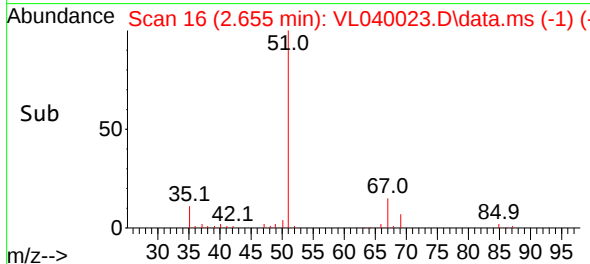
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



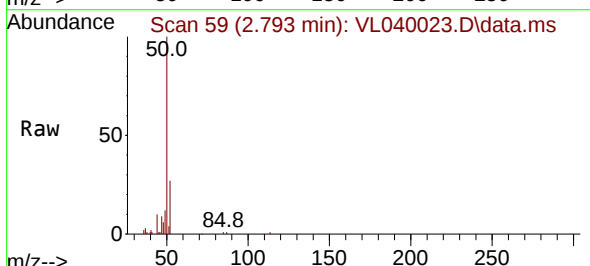
Tgt Ion: 51 Resp: 82509
Ion Ratio Lower Upper
51 100
67 18.7 15.3 22.9

Manual Integrations
APPROVED

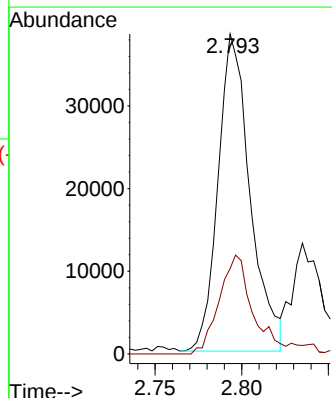
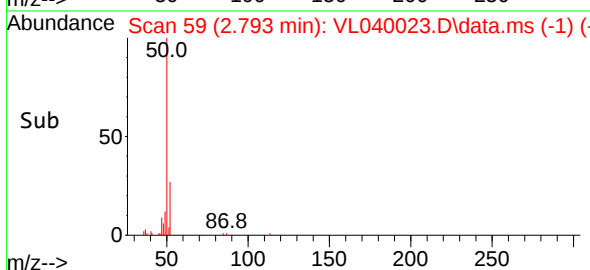
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

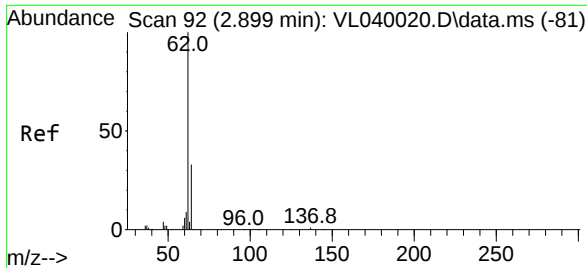


#4
Chloromethane
Concen: 0.541 ppbv
RT: 2.793 min Scan# 59
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29



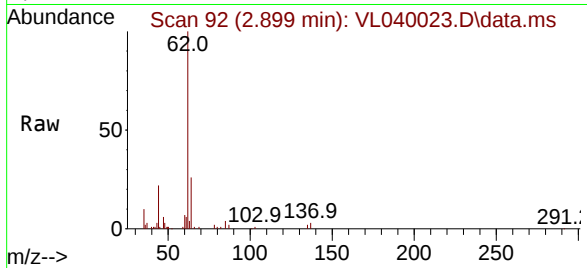
Tgt Ion: 50 Resp: 49339
Ion Ratio Lower Upper
50 100
52 27.0 25.5 38.3





#5
 Vinyl Chloride
 Concen: 0.552 ppbv
 RT: 2.899 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

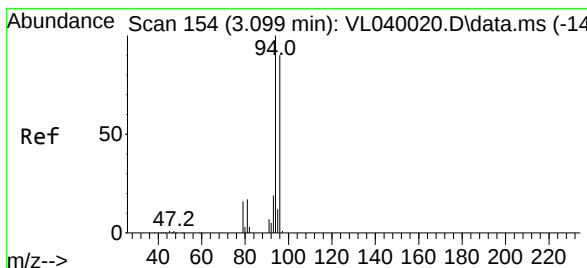
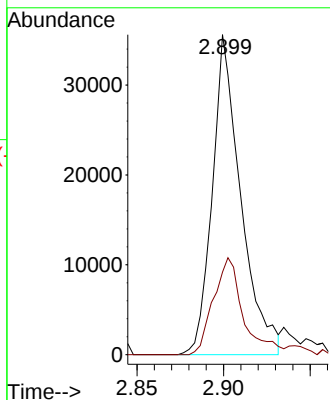
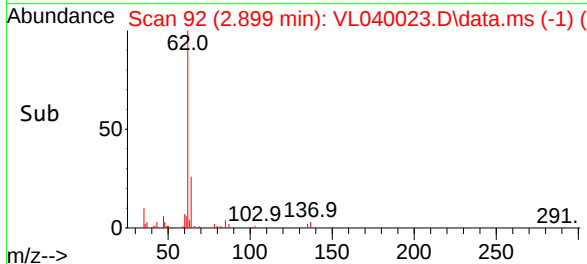
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 40730
 Ion Ratio Lower Upper
 62 100
 64 25.8 26.1 39.1

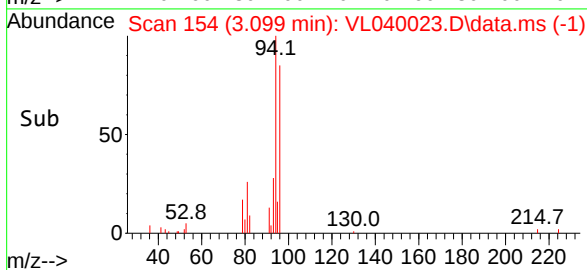
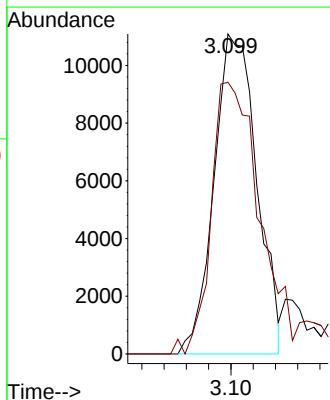
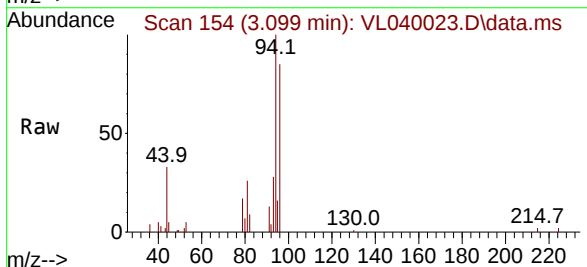
Manual Integrations
 APPROVED

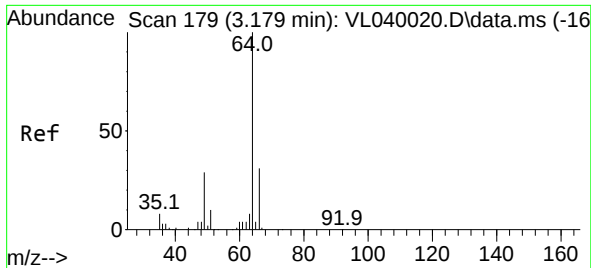
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#6
 Bromomethane
 Concen: 0.545 ppbv
 RT: 3.099 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

Tgt Ion: 94 Resp: 14767
 Ion Ratio Lower Upper
 94 100
 96 80.3 72.0 108.0





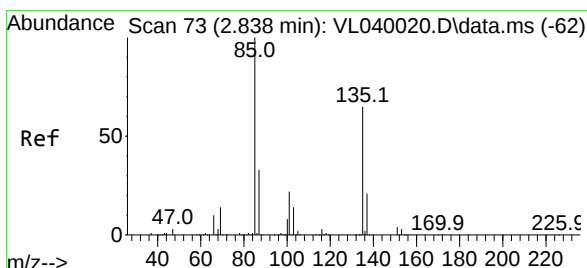
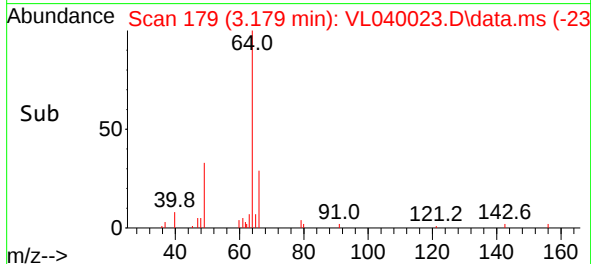
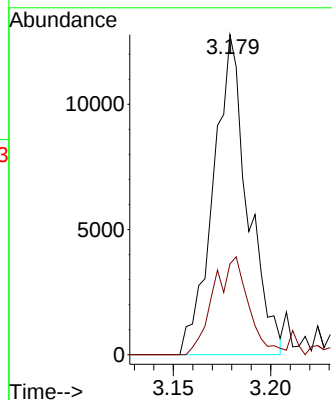
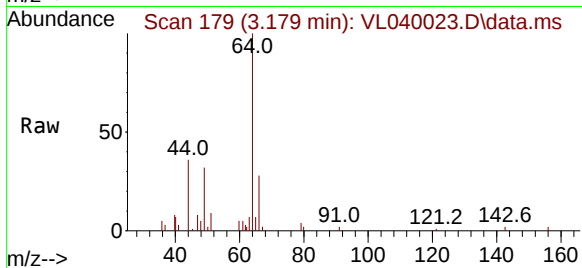
#7
Chloroethane
Concen: 0.567 ppbv
RT: 3.179 min Scan# 179
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 15760
Ion Ratio Lower Upper
64 100
66 28.4 24.6 37.0

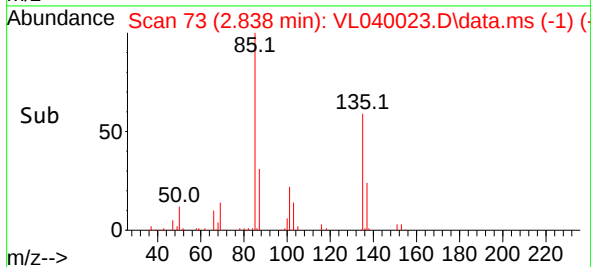
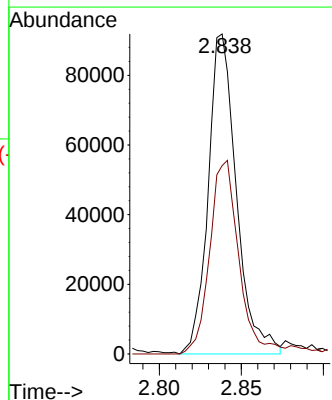
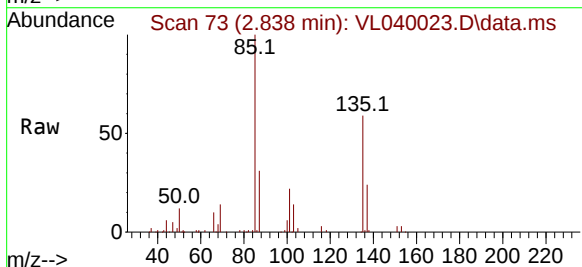
Manual Integrations
APPROVED

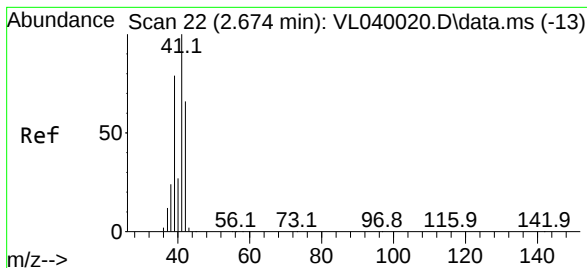
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#8
Dichlorotetrafluoroethane
Concen: 0.568 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 85 Resp: 110228
Ion Ratio Lower Upper
85 100
135 65.3 53.2 79.8





#9

Propene

Concen: 0.545 ppbv

RT: 2.674 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 41 Resp: 3364

Ion Ratio Lower Upper

41 100

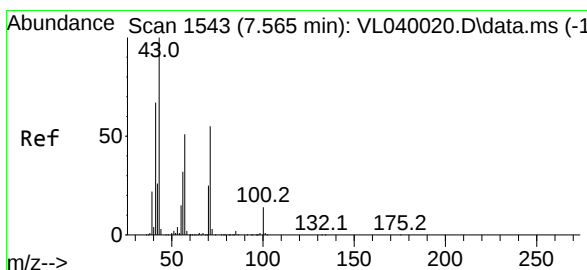
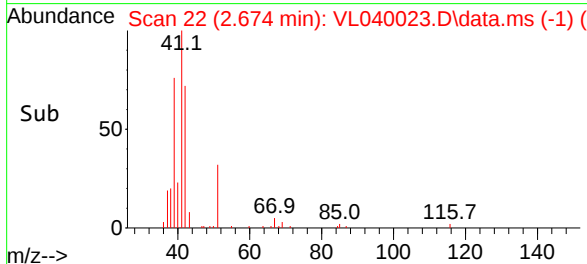
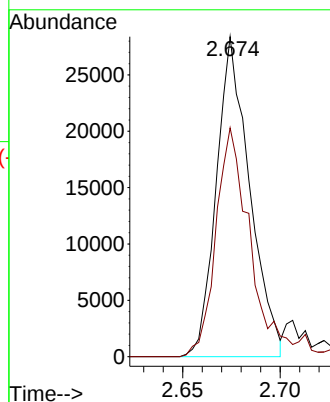
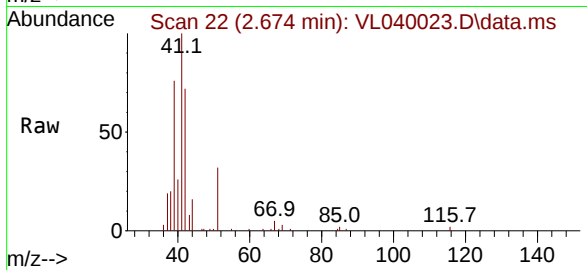
42 77.9 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#10

Heptane

Concen: 0.522 ppbv m

RT: 7.565 min Scan# 1543

Delta R.T. 0.000 min

Lab File: VL040023.D

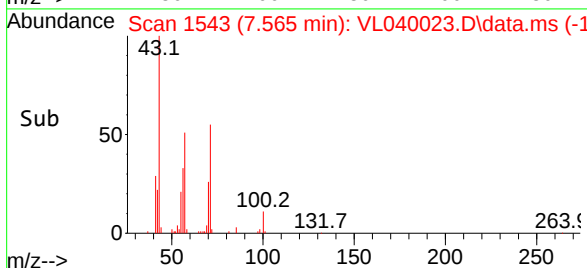
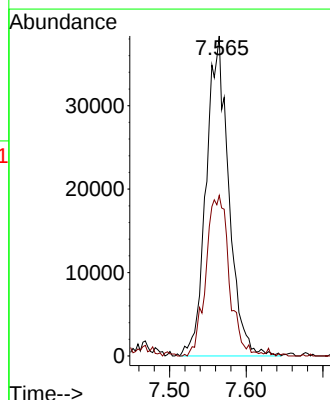
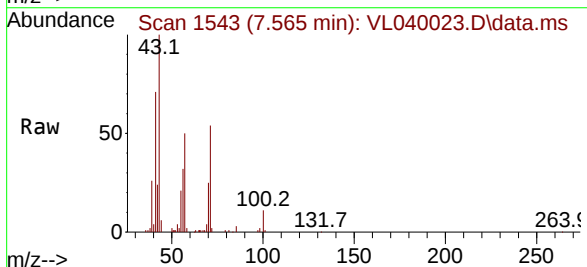
Acq: 19 Dec 2022 11:29

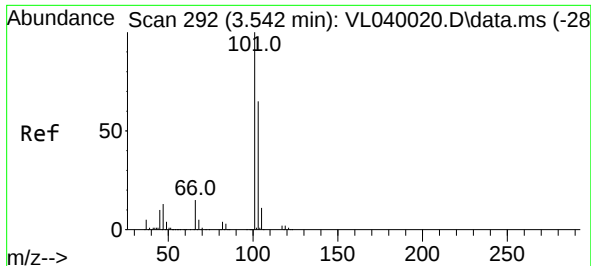
Tgt Ion: 43 Resp: 78476

Ion Ratio Lower Upper

43 100

57 52.4 41.2 61.8





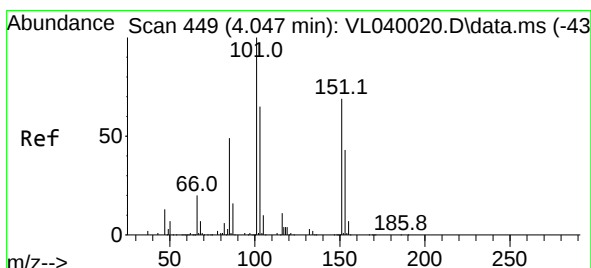
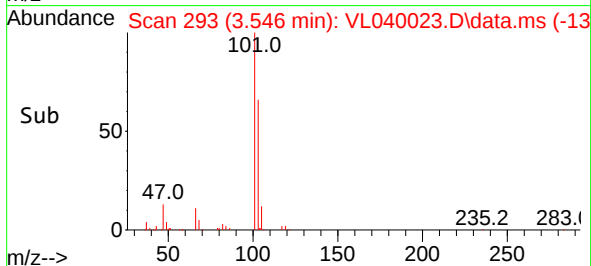
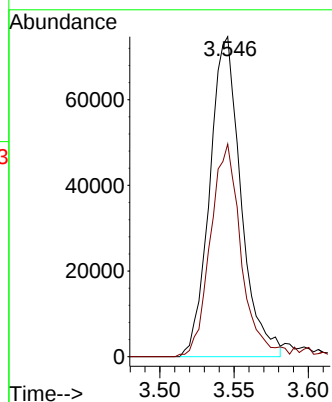
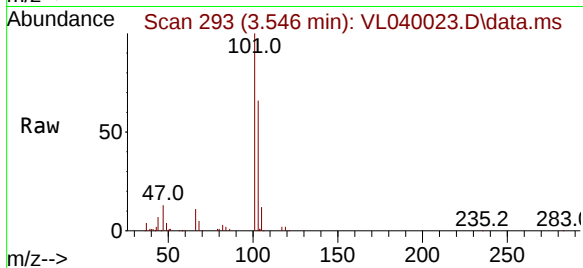
#11
Trichlorofluoromethane
Concen: 0.546 ppbv
RT: 3.546 min Scan# 292
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:101 Resp: 109425
Ion Ratio Lower Upper
101 100
103 65.7 51.7 77.5

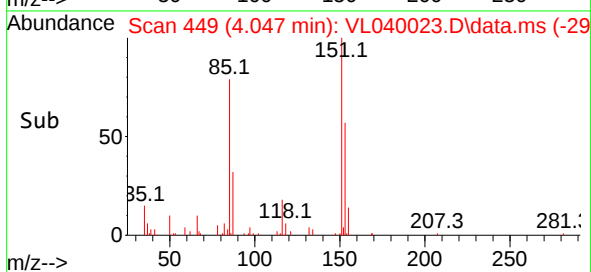
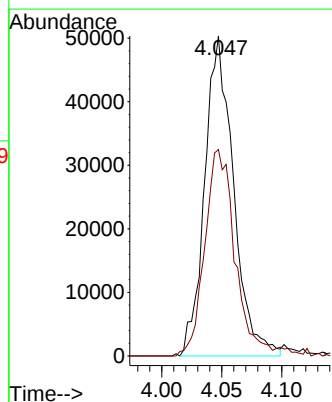
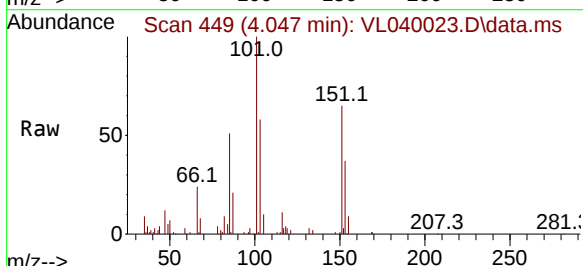
Manual Integrations
APPROVED

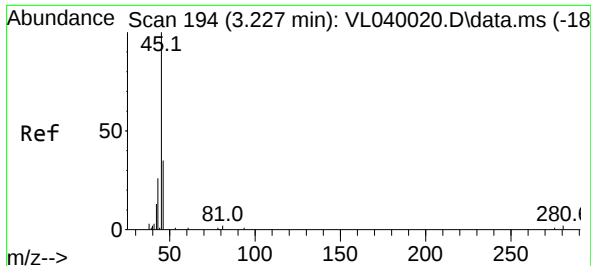
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.554 ppbv
RT: 4.047 min Scan# 449
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

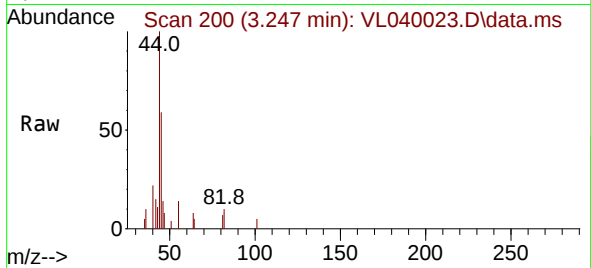
Tgt Ion:101 Resp: 84112
Ion Ratio Lower Upper
101 100
151 68.8 55.0 82.4





#13
Ethanol
Concen: 0.641 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

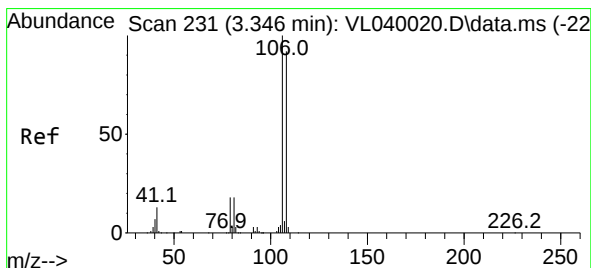
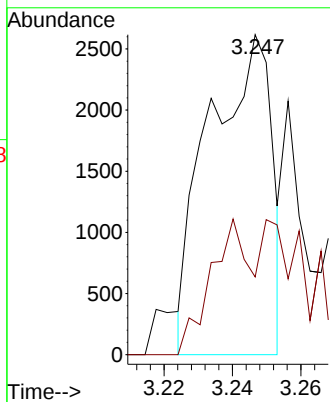
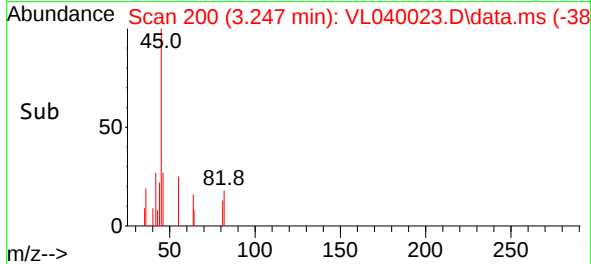
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



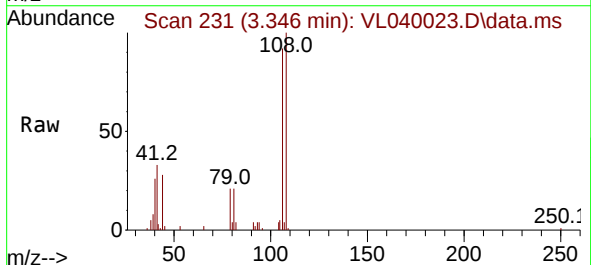
Tgt Ion: 45 Resp: 3340
Ion Ratio Lower Upper
45 100
46 64.4 13.7 54.7

Manual Integrations
APPROVED

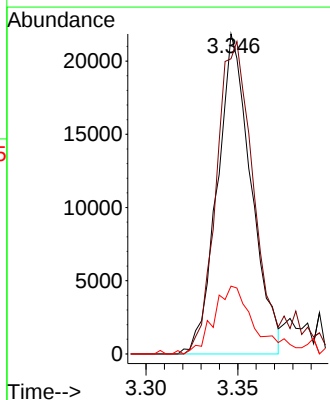
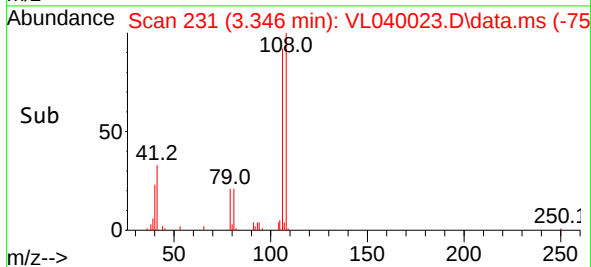
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

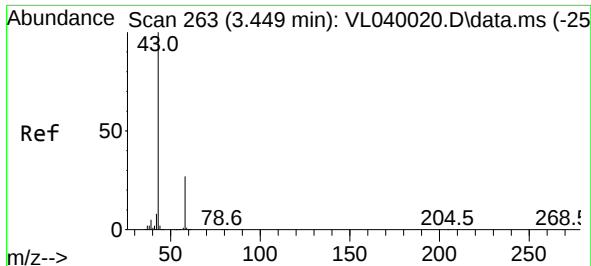


#14
Bromoethene
Concen: 0.490 ppbv
RT: 3.346 min Scan# 231
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29



Tgt Ion:108 Resp: 28004
Ion Ratio Lower Upper
108 100
106 119.3 87.5 131.3
79 27.2 15.8 23.8





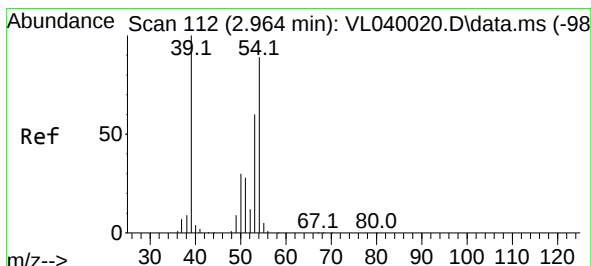
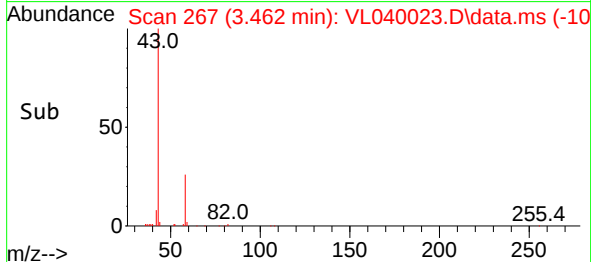
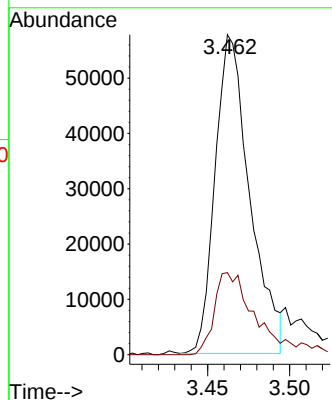
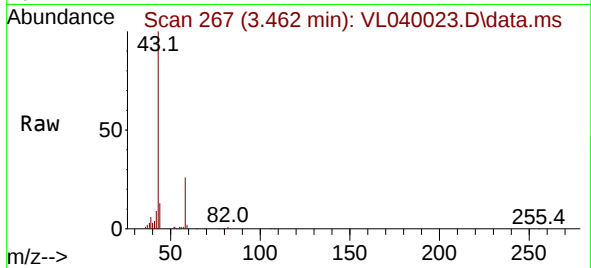
#15
Acetone
Concen: 0.555 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 8458
Ion Ratio Lower Upper
43 100
58 32.6 21.8 32.8

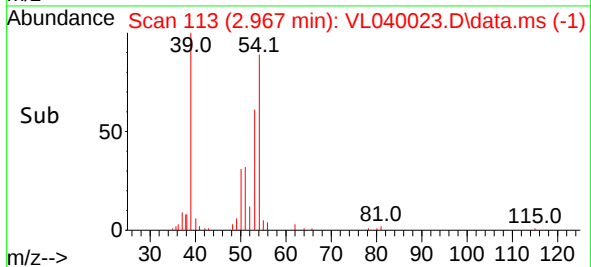
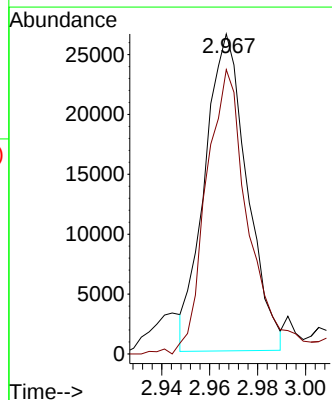
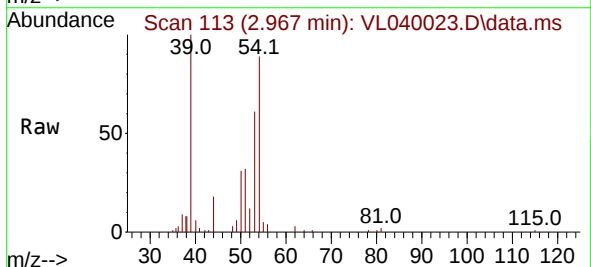
Manual Integrations
APPROVED

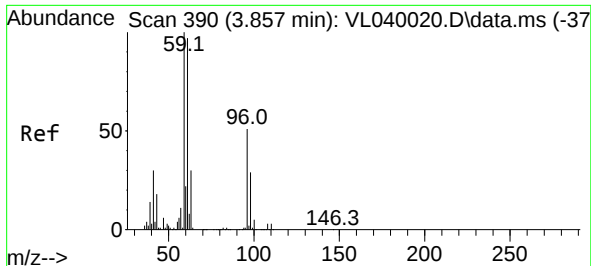
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#16
1,3-Butadiene
Concen: 0.490 ppbv
RT: 2.967 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 39 Resp: 32505
Ion Ratio Lower Upper
39 100
54 94.6 68.3 102.5





#17

tert-Butyl alcohol

Concen: 0.587 ppbv m

RT: 3.877 min Scan# 396

Delta R.T. 0.019 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 87658

Ion Ratio Lower Upper

59 100

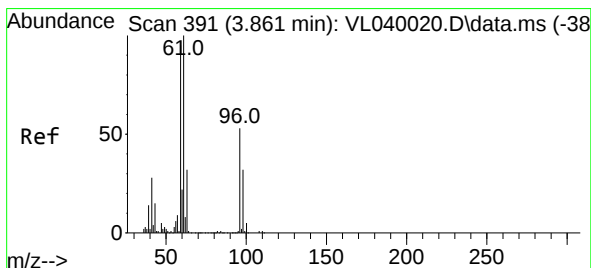
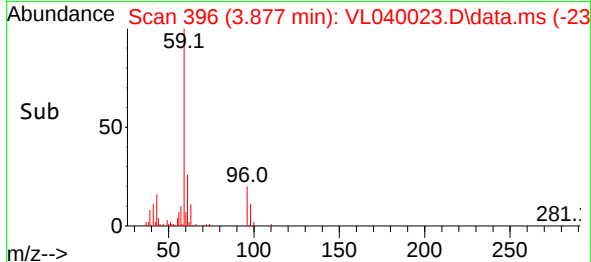
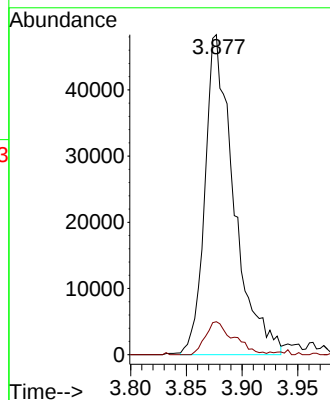
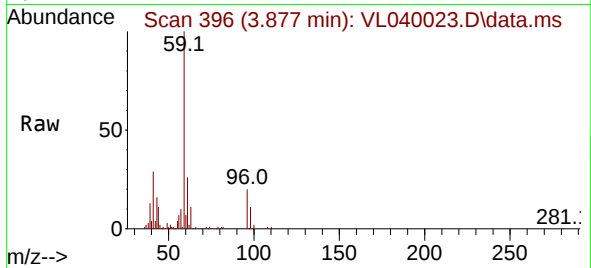
57 10.7 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#18

1,1-Dichloroethene

Concen: 0.541 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

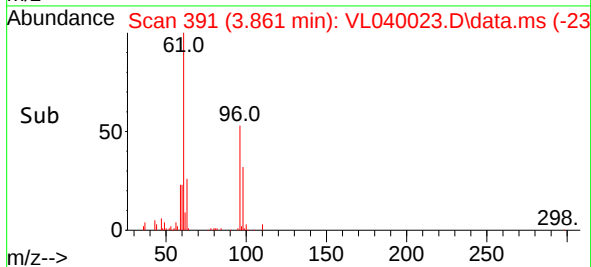
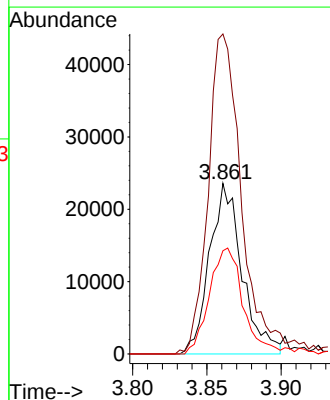
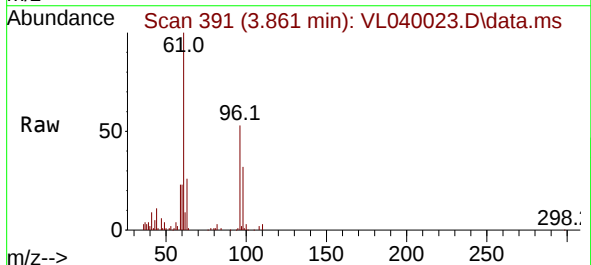
Tgt Ion: 96 Resp: 35783

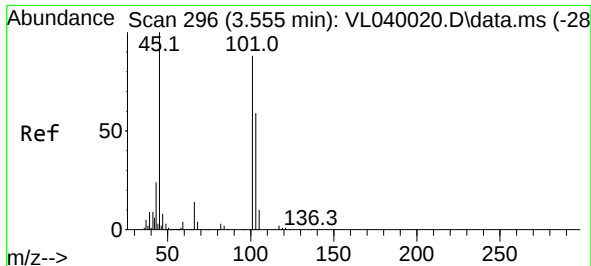
Ion Ratio Lower Upper

96 100

61 185.3 151.0 226.6

98 60.5 47.7 71.5





#19

Isopropyl Alcohol

Concen: 0.533 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.023 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

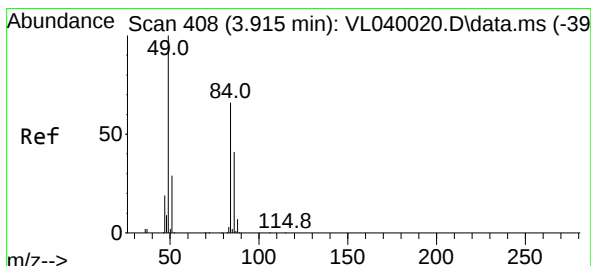
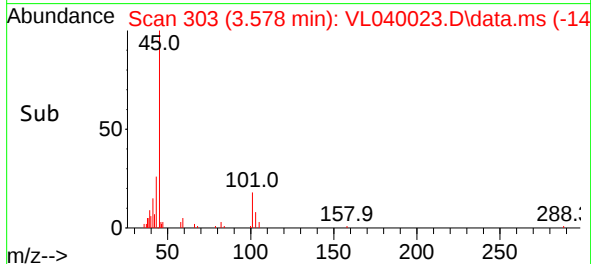
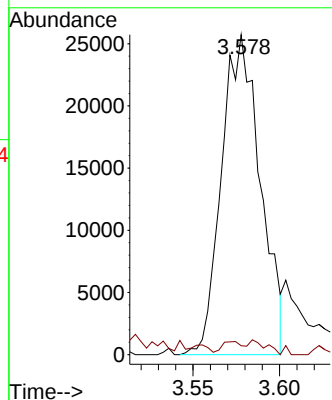
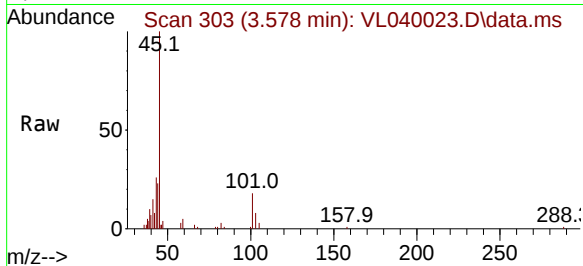
VSTDICC0.5

Tgt Ion: 45 Resp: 40020
 Ion Ratio Lower Upper
 45 100
 58 6.0 1.7 2.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#20

Methylene Chloride

Concen: 0.648 ppbv

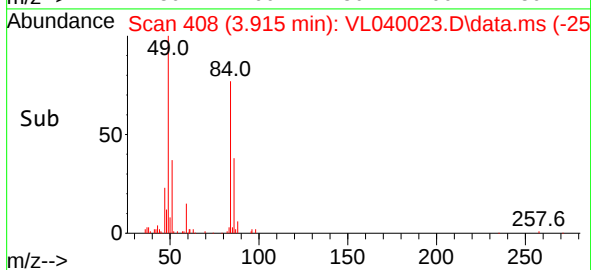
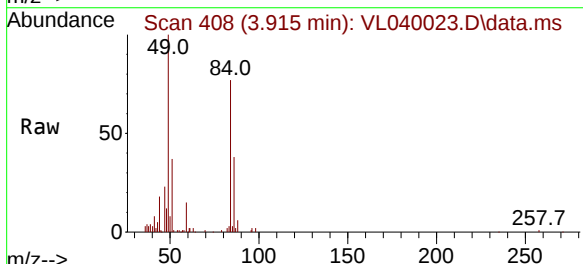
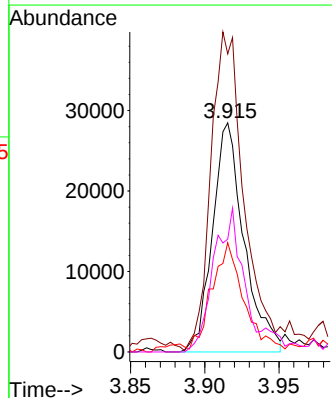
RT: 3.915 min Scan# 408

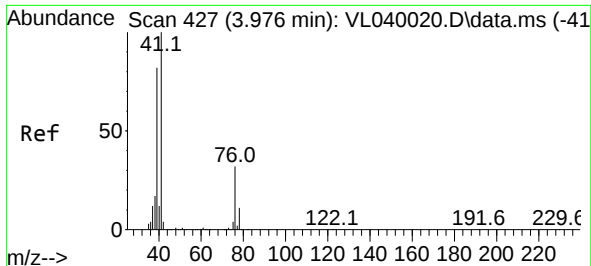
Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Tgt Ion: 84 Resp: 42003
 Ion Ratio Lower Upper
 84 100
 49 127.8 120.5 180.7
 51 44.2 35.2 52.8
 86 49.2 49.8 74.6





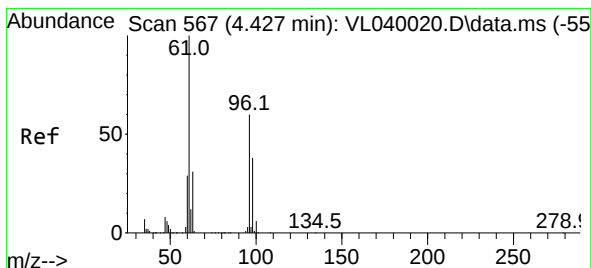
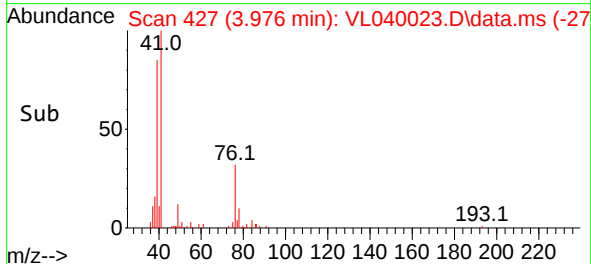
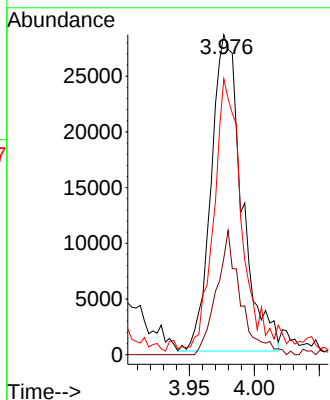
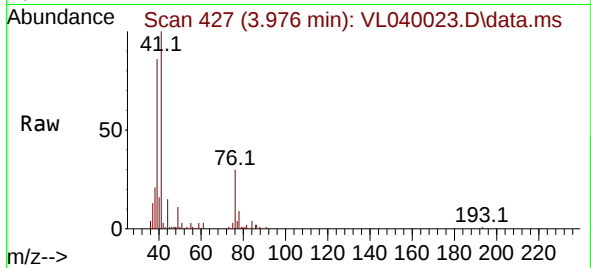
#21
 Allyl Chloride
 Concen: 0.510 ppbv
 RT: 3.976 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 4673
 Ion Ratio Lower Upper
 41 100
 76 30.8 25.9 38.9
 39 82.7 66.0 99.0

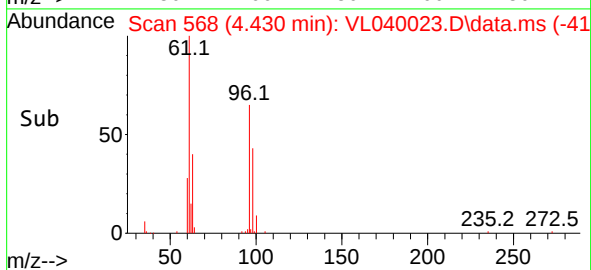
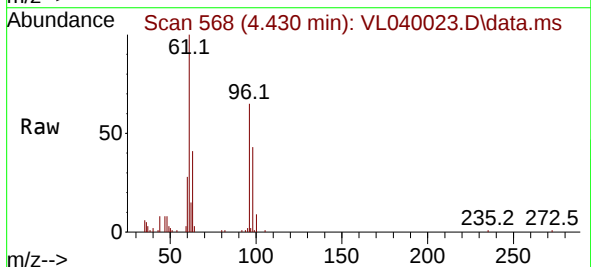
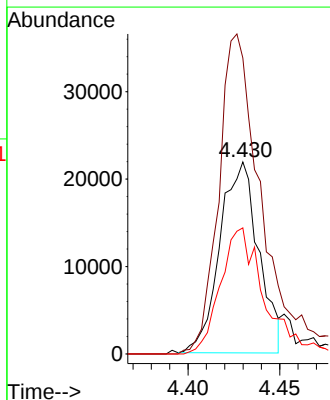
Manual Integrations
 APPROVED

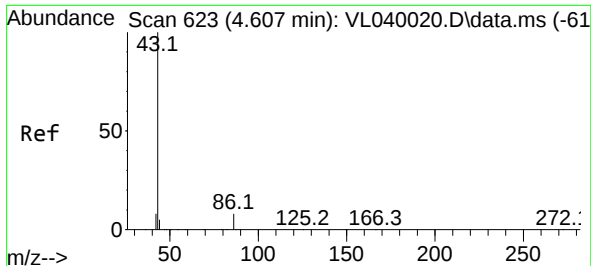
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#22
 trans-1,2-Dichloroethene
 Concen: 0.487 ppbv
 RT: 4.430 min Scan# 568
 Delta R.T. 0.003 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

Tgt Ion: 96 Resp: 32114
 Ion Ratio Lower Upper
 96 100
 61 155.2 133.6 200.4
 98 66.1 51.4 77.0





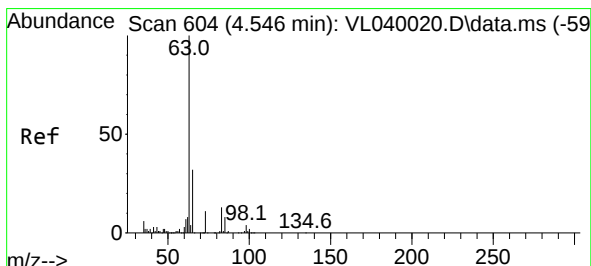
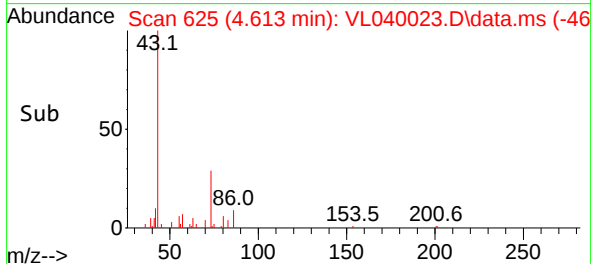
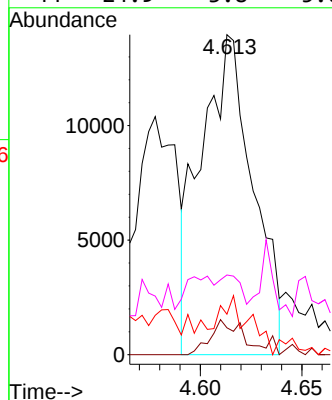
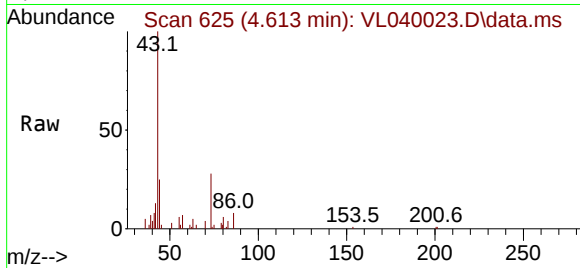
#23
 Vinyl Acetate
 Concen: 0.516 ppbv m
 RT: 4.613 min Scan# 613
 Delta R.T. 0.006 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43	Resp: 24950
Ion Ratio	Lower Upper
43 100	
86 8.4	5.3 7.9
42 12.6	7.4 11.0
44 24.9	3.8 5.6

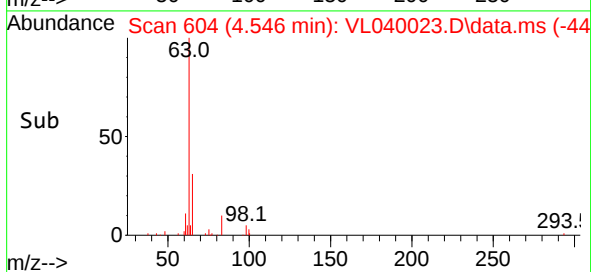
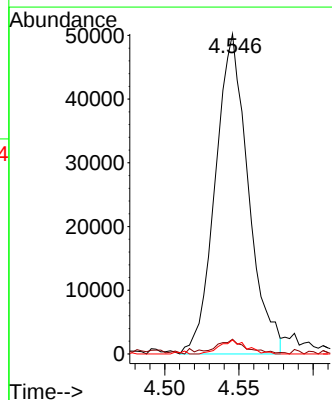
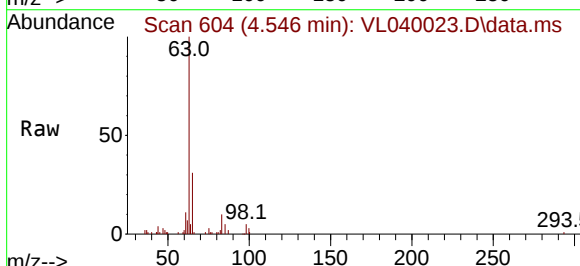
Manual Integrations
 APPROVED

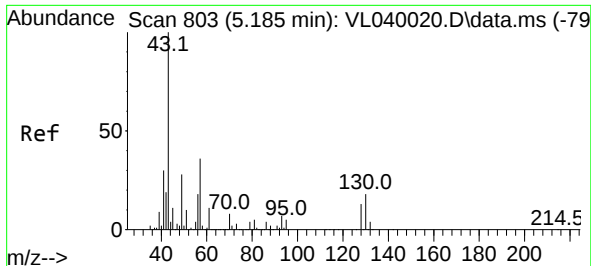
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#24
 1,1-Dichloroethane
 Concen: 0.547 ppbv
 RT: 4.546 min Scan# 604
 Delta R.T. 0.000 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

Tgt Ion: 63	Resp: 77591
Ion Ratio	Lower Upper
63 100	
98 4.2	2.1 6.2
100 4.4	1.1 3.3





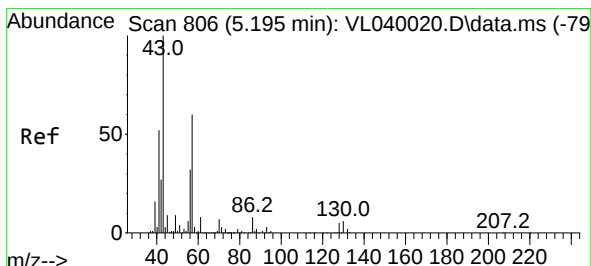
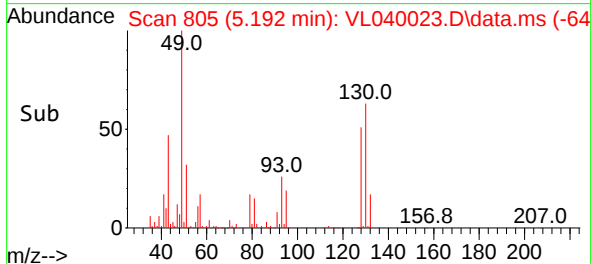
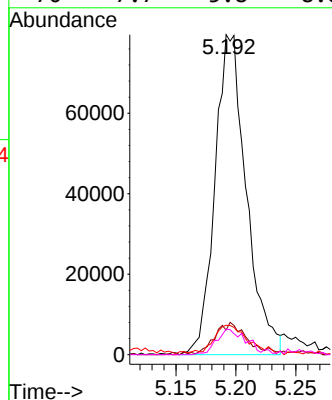
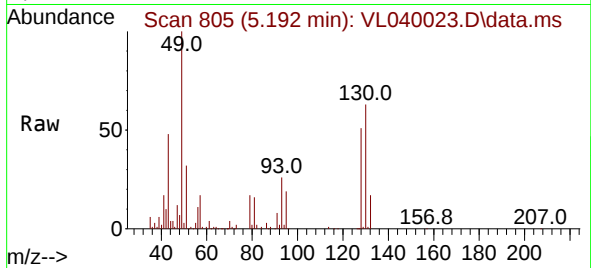
#25
Ethyl Acetate
Concen: 0.548 ppbv
RT: 5.192 min Scan# 805
Delta R.T. 0.006 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 144619
Ion Ratio Lower Upper
43 100
45 11.4 8.6 12.8
61 9.2 8.5 12.7
70 7.7 5.8 8.8

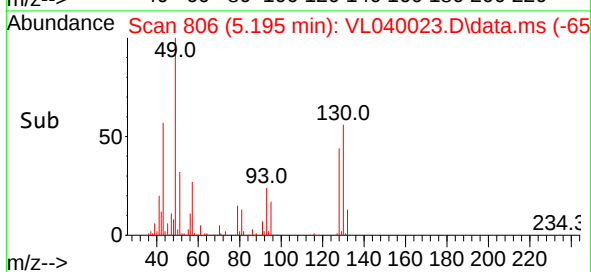
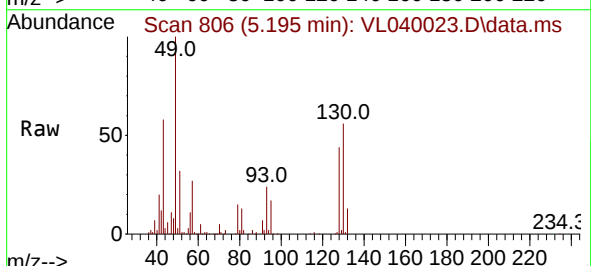
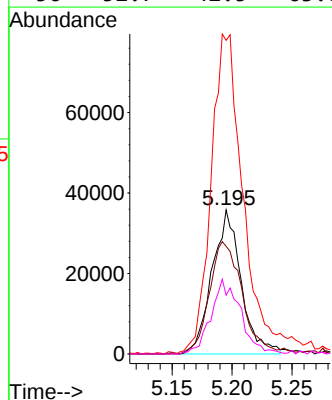
Manual Integrations
APPROVED

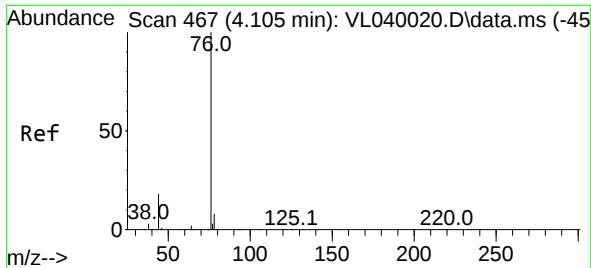
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#26
Hexane
Concen: 0.543 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 57 Resp: 60298
Ion Ratio Lower Upper
57 100
41 90.5 72.1 108.1
43 257.5 192.1 288.1
56 52.7 42.5 63.7





#27

Carbon Disulfide

Concen: 0.428 ppbv

RT: 4.108 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

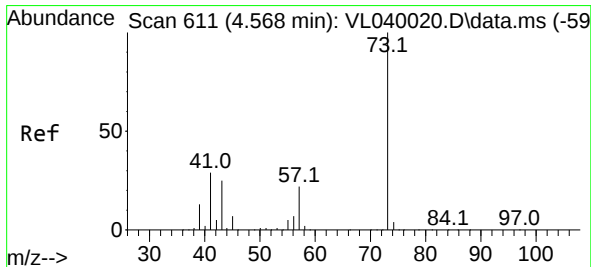
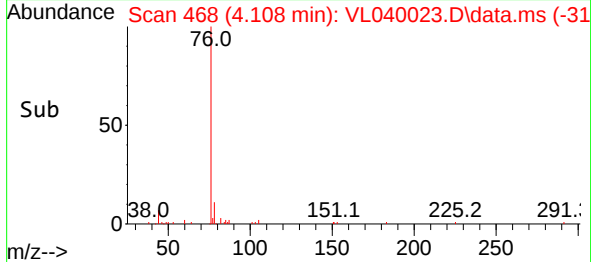
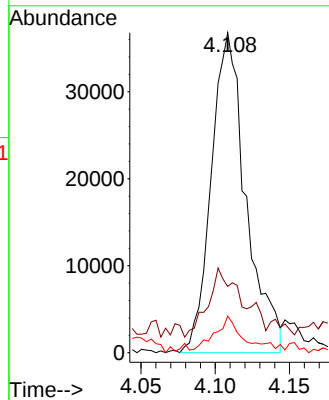
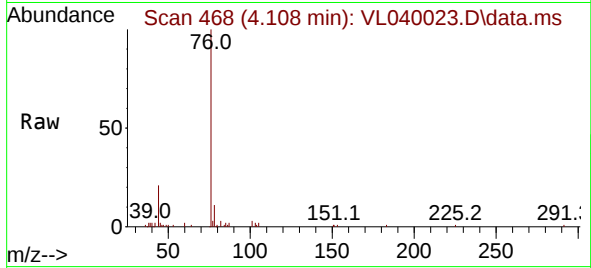
VSTDICC0.5

Tgt Ion: 76	Resp: 59880
Ion Ratio	Lower Upper
76 100	
44 24.0	15.3 22.9
78 11.8	7.8 11.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#28

Methyl tert-Butyl Ether

Concen: 0.548 ppbv

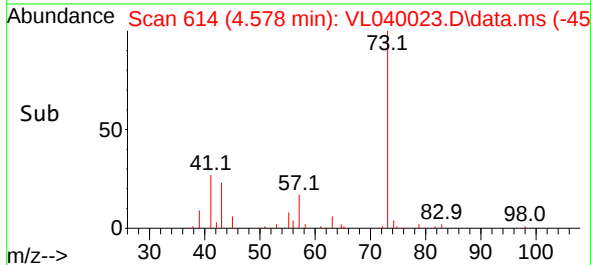
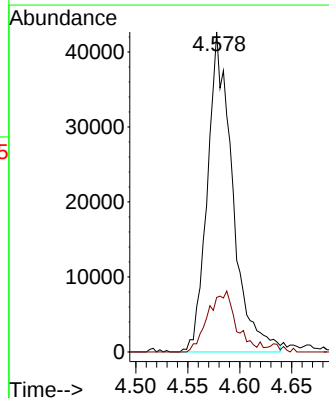
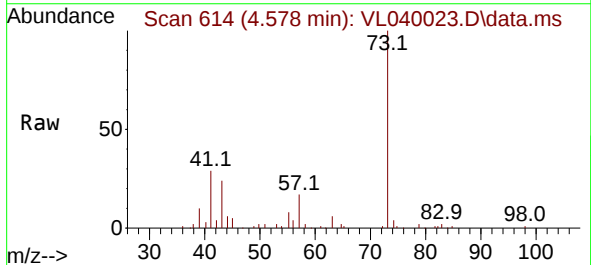
RT: 4.578 min Scan# 614

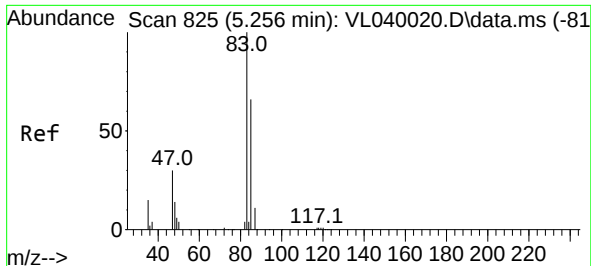
Delta R.T. 0.010 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Tgt Ion: 73	Resp: 71753
Ion Ratio	Lower Upper
73 100	
57 23.0	18.6 28.0





#29

Chloroform

Concen: 0.562 ppbv

RT: 5.256 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 9520

Ion Ratio Lower Upper

83 100

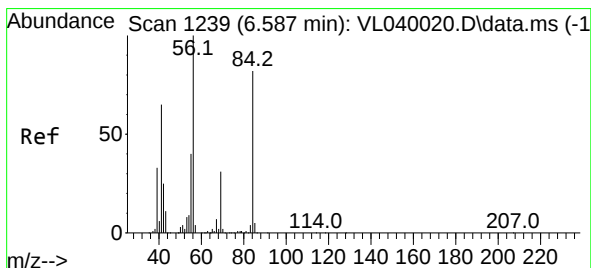
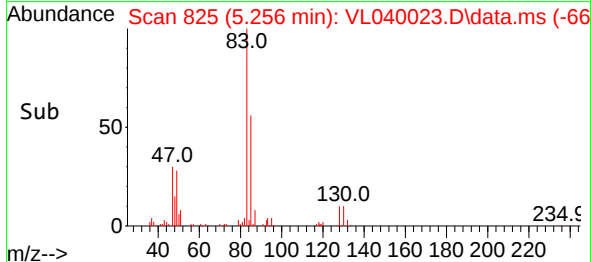
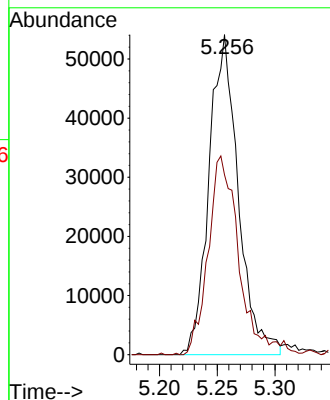
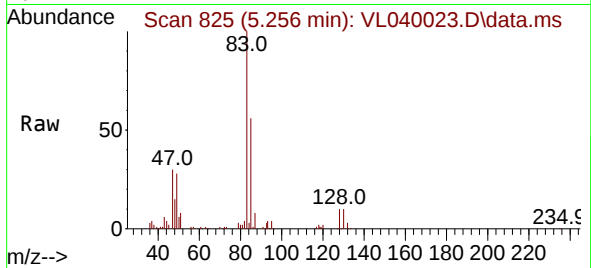
85 56.2 52.4 78.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#30

Cyclohexane

Concen: 0.494 ppbv

RT: 6.584 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

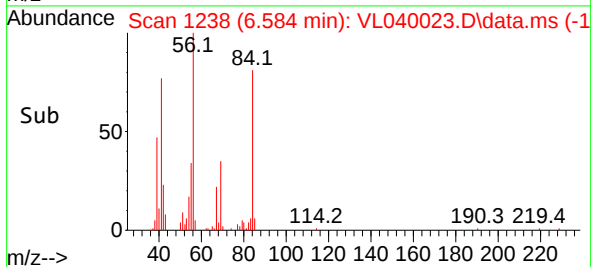
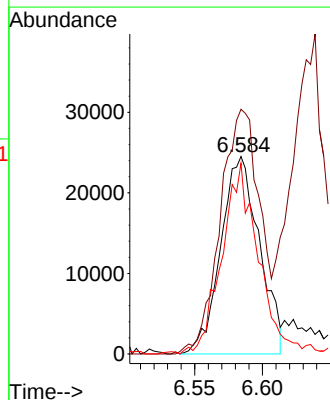
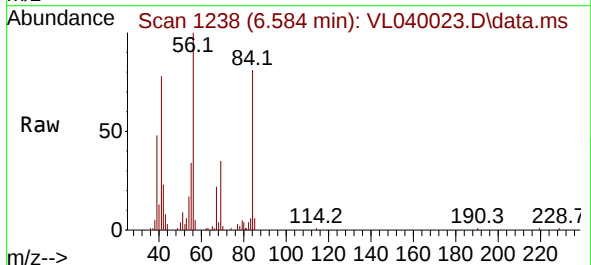
Tgt Ion: 84 Resp: 48570

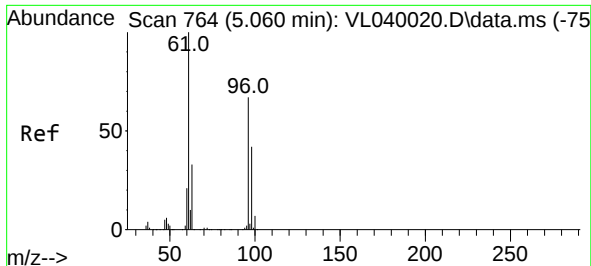
Ion Ratio Lower Upper

84 100

56 127.1 110.2 165.4

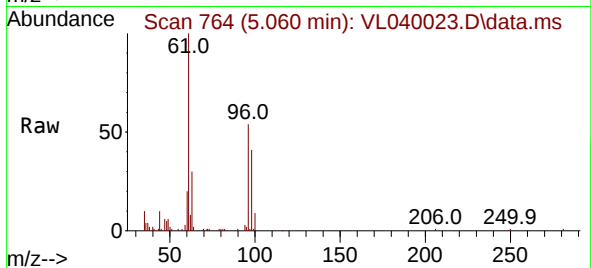
41 94.1 67.8 101.8





#31
 cis-1,2-Dichloroethene
 Concen: 0.533 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.000 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

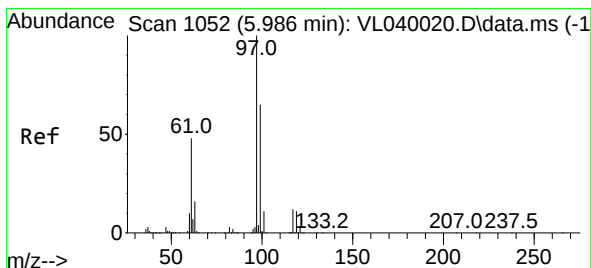
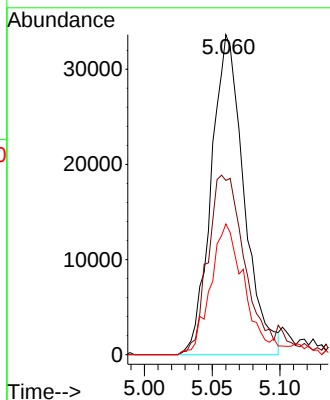
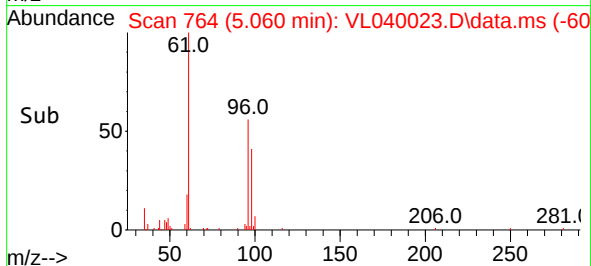
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



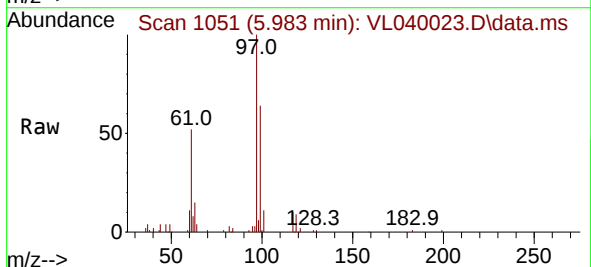
Tgt Ion: 61 Resp: 56368
 Ion Ratio Lower Upper
 61 100
 96 54.5 53.4 80.2
 98 40.8 33.4 50.0

Manual Integrations
 APPROVED

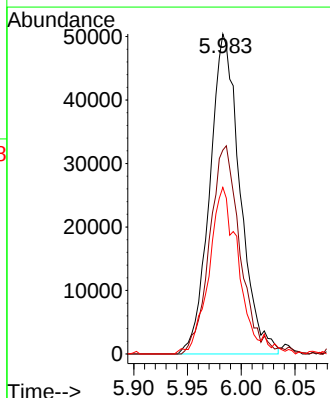
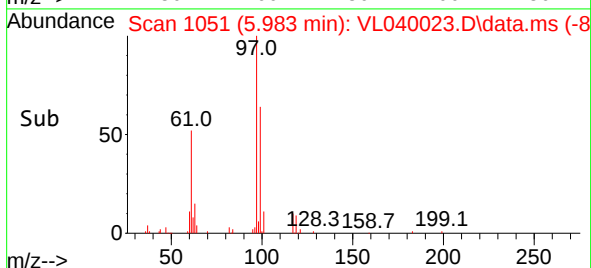
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

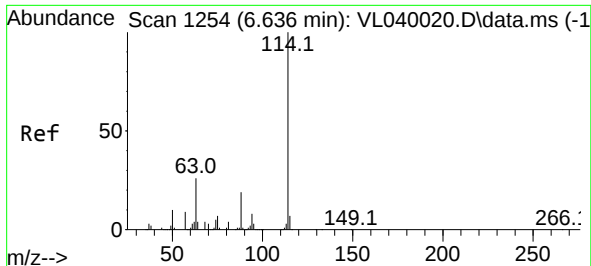


#32
 1,1,1-Trichloroethane
 Concen: 0.543 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. -0.003 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29



Tgt Ion: 97 Resp: 98689
 Ion Ratio Lower Upper
 97 100
 99 66.2 51.8 77.6
 61 52.3 39.8 59.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.636 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 293015

Ion Ratio Lower Upper

114 100

63 24.7 20.2 30.2

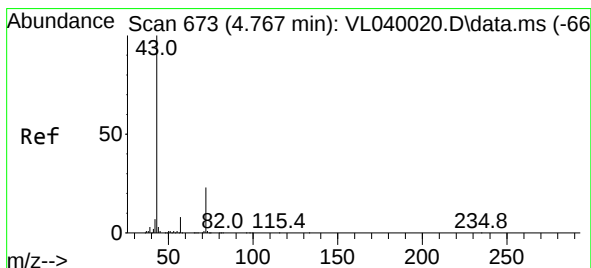
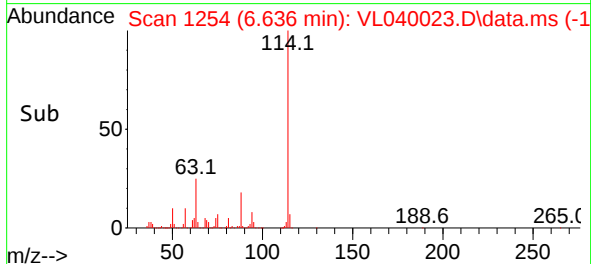
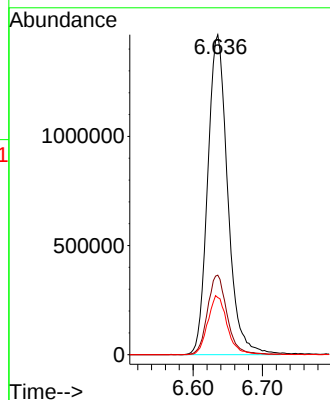
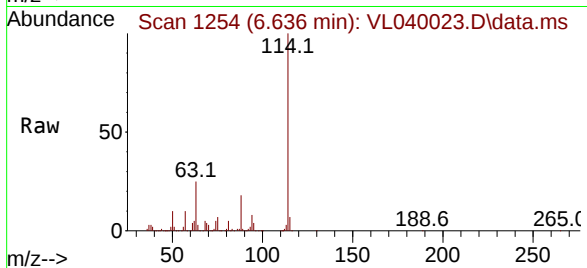
88 18.1 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#34

2-Butanone

Concen: 0.544 ppbv m

RT: 4.784 min Scan# 678

Delta R.T. 0.016 min

Lab File: VL040023.D

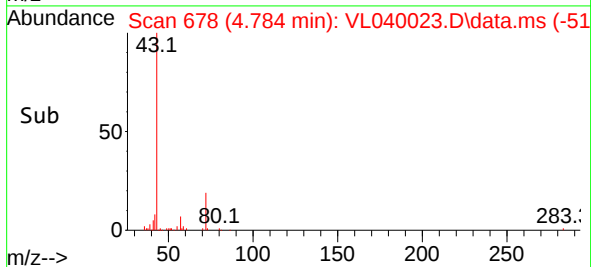
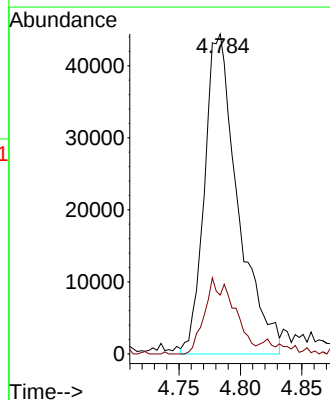
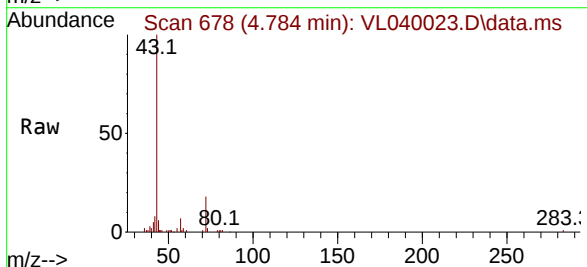
Acq: 19 Dec 2022 11:29

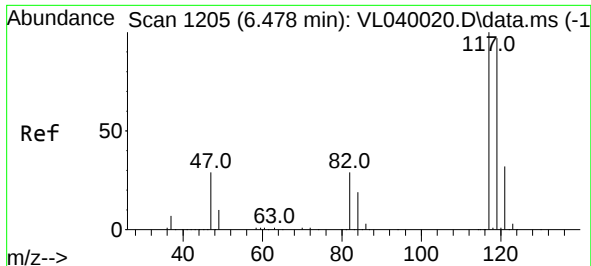
Tgt Ion: 43 Resp: 84212

Ion Ratio Lower Upper

43 100

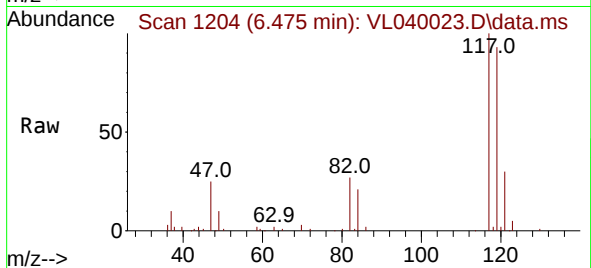
72 24.5 18.0 27.0





#35
Carbon Tetrachloride
Concen: 0.512 ppbv
RT: 6.475 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

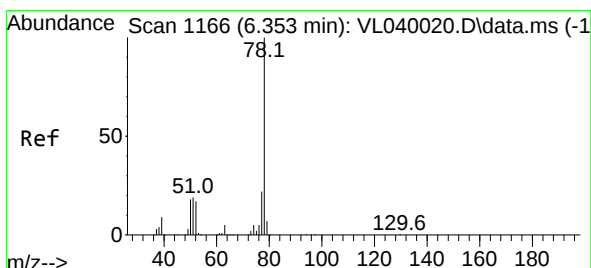
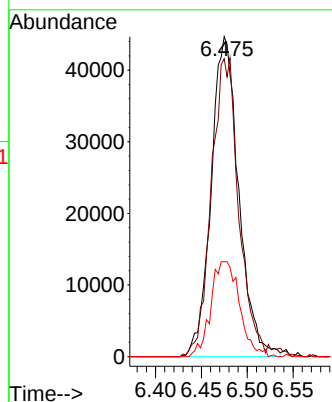
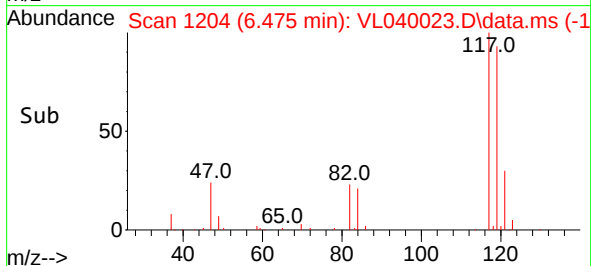
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:117 Resp: 9338
Ion Ratio Lower Upper
117 100
119 93.1 77.3 115.9
121 29.6 25.4 38.0

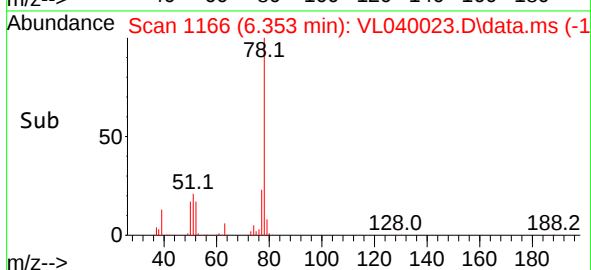
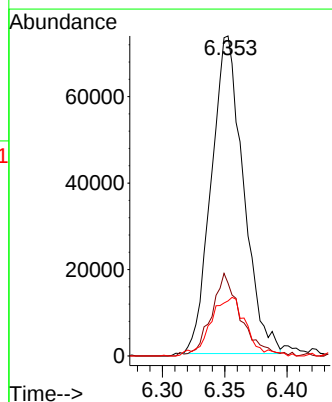
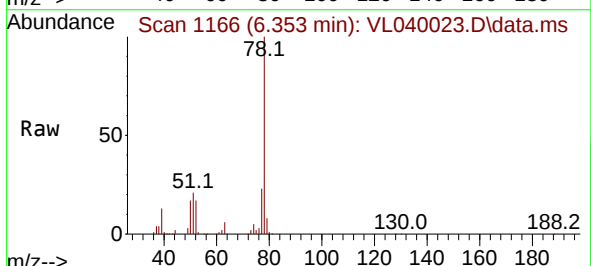
Manual Integrations
APPROVED

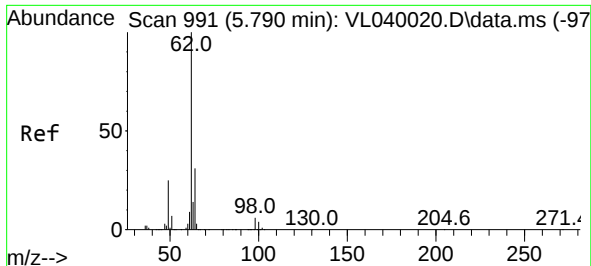
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#36
Benzene
Concen: 0.503 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 78 Resp: 131632
Ion Ratio Lower Upper
78 100
77 22.1 17.5 26.3
50 17.0 14.2 21.2





#37

1,2-Dichloroethane

Concen: 0.492 ppbv

RT: 5.787 min Scan# 991

Delta R.T. -0.003 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 62 Resp: 7560

Ion Ratio Lower Upper

62 100

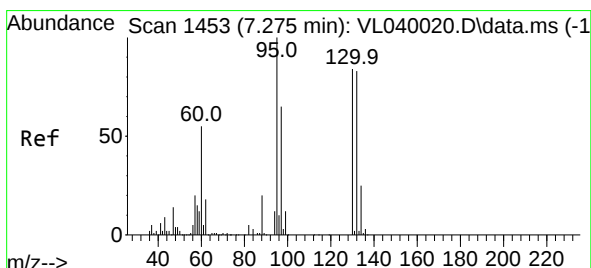
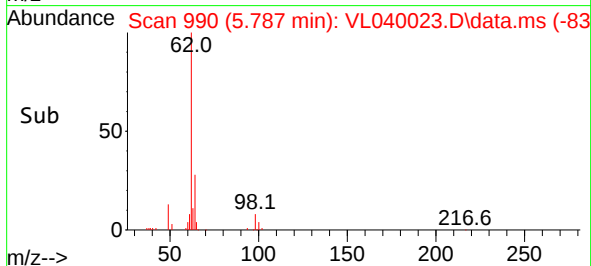
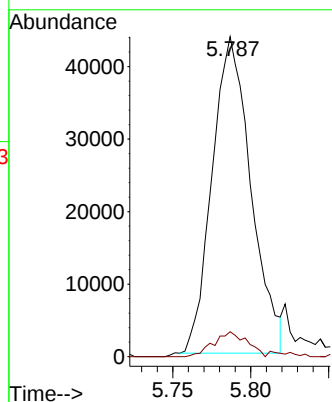
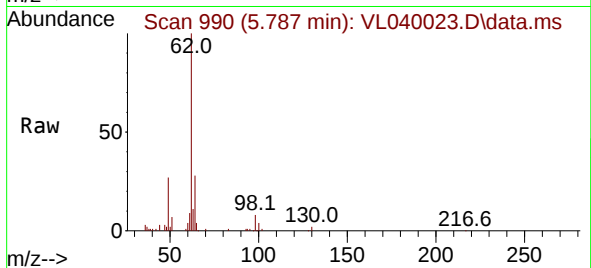
98 7.7 5.1 7.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#38

Trichloroethene

Concen: 0.529 ppbv

RT: 7.275 min Scan# 1453

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Tgt Ion:130 Resp: 71569

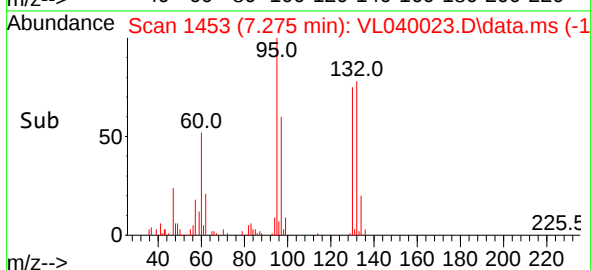
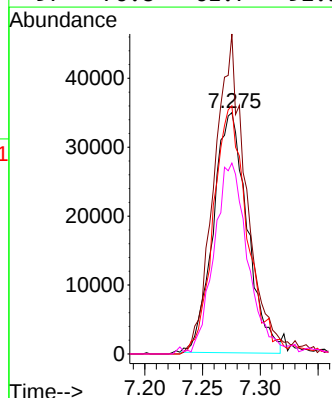
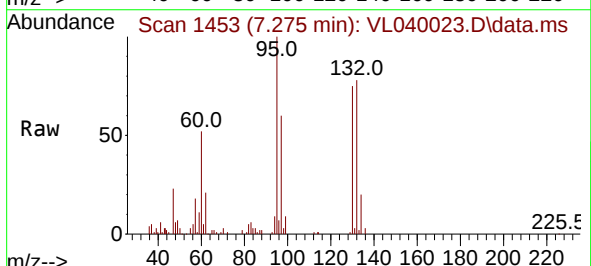
Ion Ratio Lower Upper

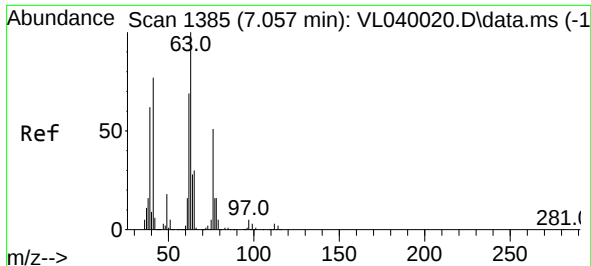
130 100

95 133.6 94.8 142.2

132 103.6 78.2 117.4

97 76.8 61.7 92.5





#39

1,2-Dichloropropane

Concen: 0.511 ppbv

RT: 7.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

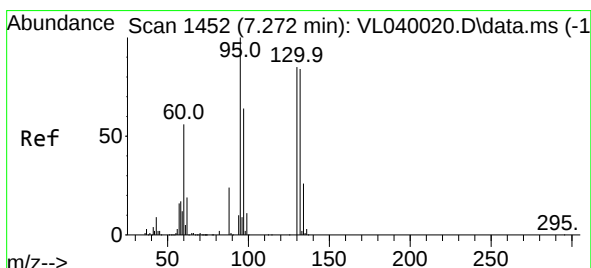
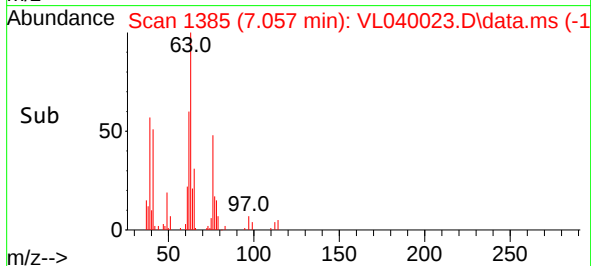
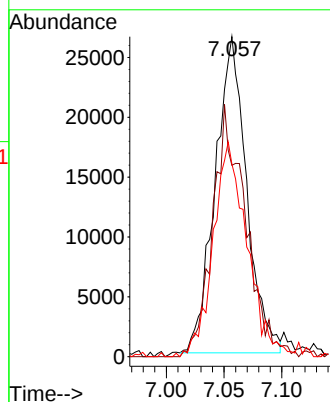
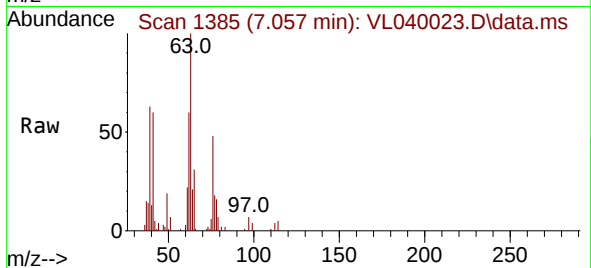
VSTDICC0.5

Tgt Ion:	63	Resp:	5008
Ion	Ratio	Lower	Upper
63	100		
41	60.5	61.4	92.0
62	61.0	55.4	83.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#40

1,4-Dioxane

Concen: 0.530 ppbv m

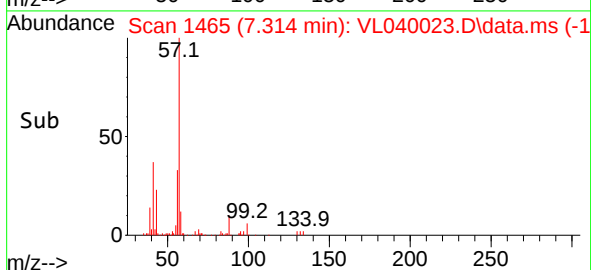
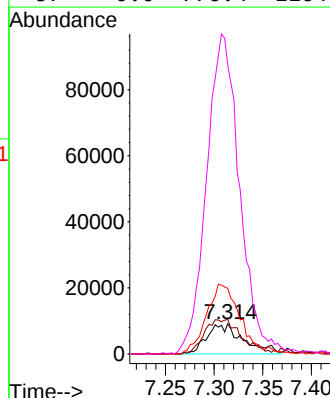
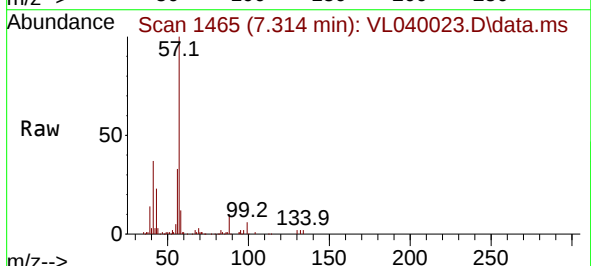
RT: 7.314 min Scan# 1465

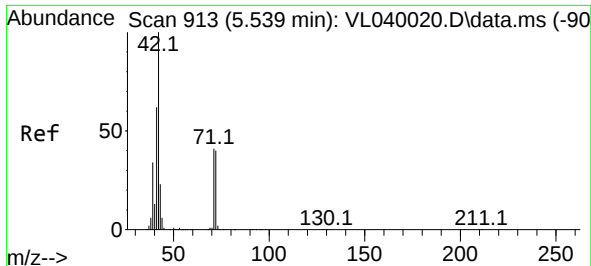
Delta R.T. 0.042 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

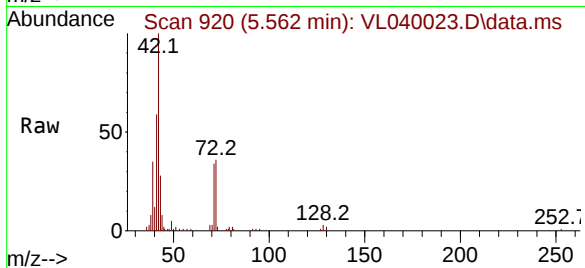
Tgt Ion:	88	Resp:	23586
Ion	Ratio	Lower	Upper
88	100		
58	0.0	92.7	139.1#
43	0.0	174.6	261.8#
57	0.0	776.4	1164.6#





#41
Tetrahydrofuran
Concen: 0.532 ppbv m
RT: 5.562 min Scan# 913
Delta R.T. 0.023 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

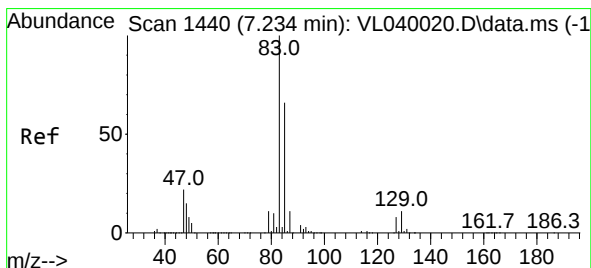
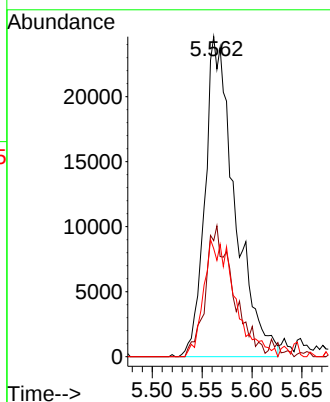
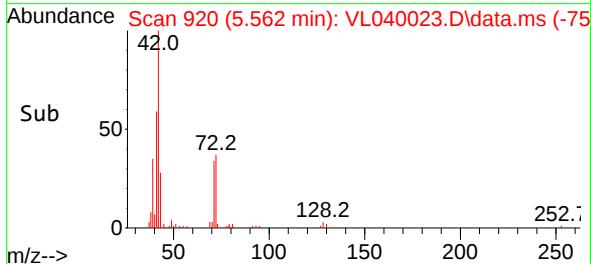
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 51104
Ion Ratio Lower Upper
42 100
72 40.6 32.9 49.3
71 38.1 32.2 48.2

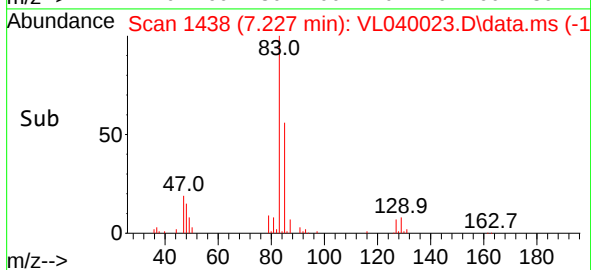
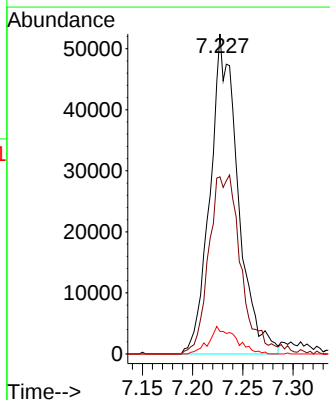
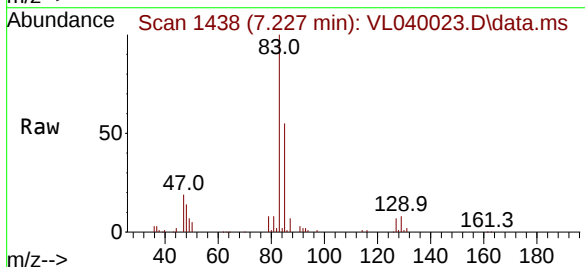
Manual Integrations
APPROVED

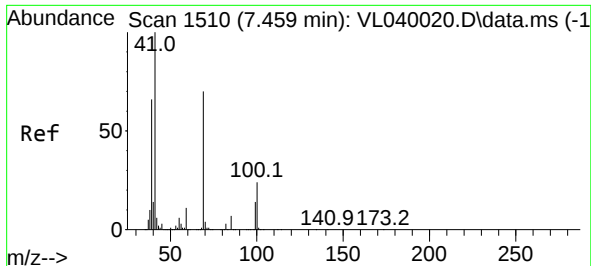
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#42
Bromodichloromethane
Concen: 0.482 ppbv m
RT: 7.227 min Scan# 1438
Delta R.T. -0.006 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 83 Resp: 101238
Ion Ratio Lower Upper
83 100
85 55.3 53.0 79.6
127 7.0 6.2 9.2





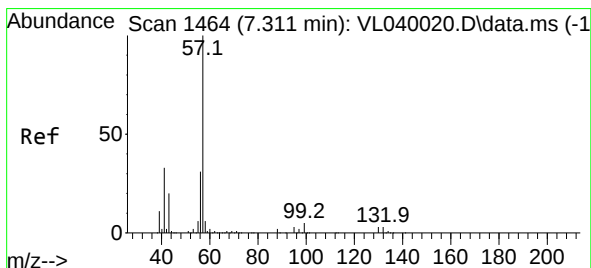
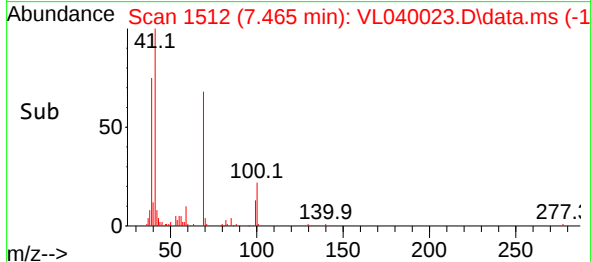
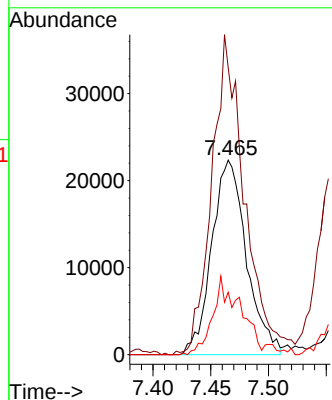
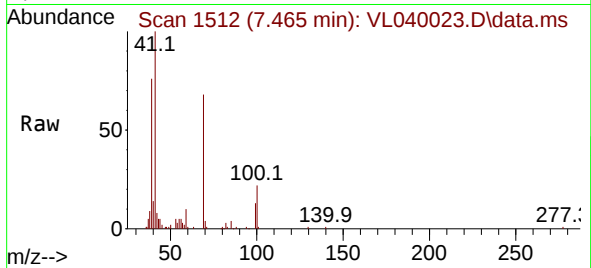
#43
Methyl Methacrylate
Concen: 0.477 ppbv
RT: 7.465 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 46800
Ion Ratio Lower Upper
69 100
41 153.9 115.7 173.5
100 34.4 26.0 39.0

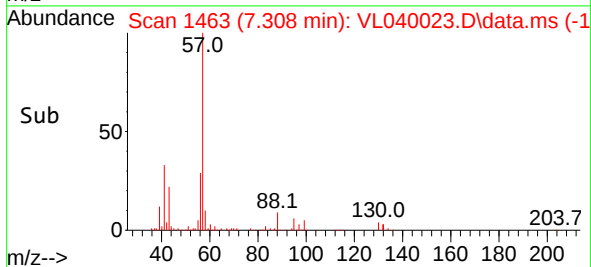
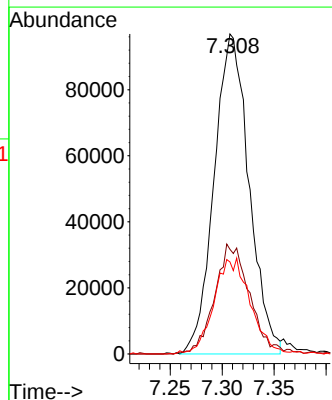
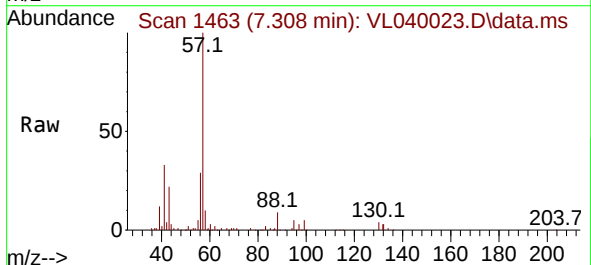
Manual Integrations
APPROVED

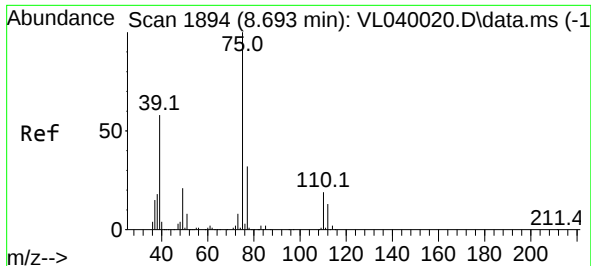
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#44
2,2,4-Trimethylpentane
Concen: 0.523 ppbv
RT: 7.308 min Scan# 1463
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 57 Resp: 225468
Ion Ratio Lower Upper
57 100
41 34.9 26.2 39.4
56 31.5 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 0.408 ppbv m

RT: 8.693 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 75 Resp: 3382

Ion Ratio Lower Upper

75 100

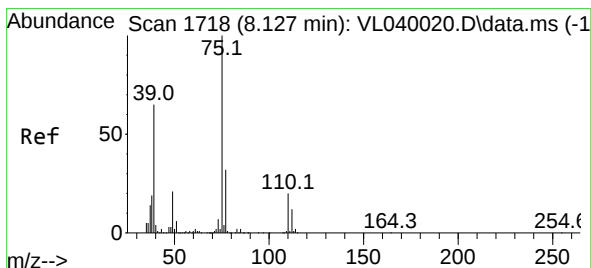
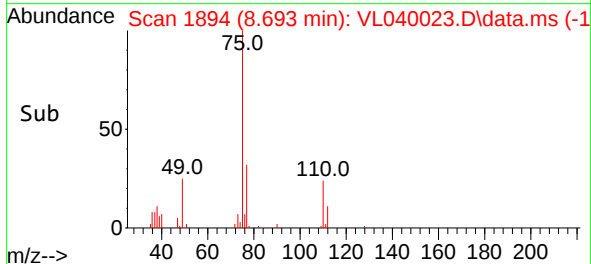
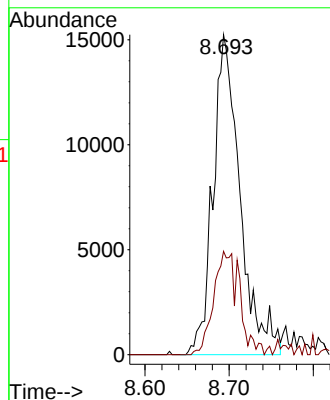
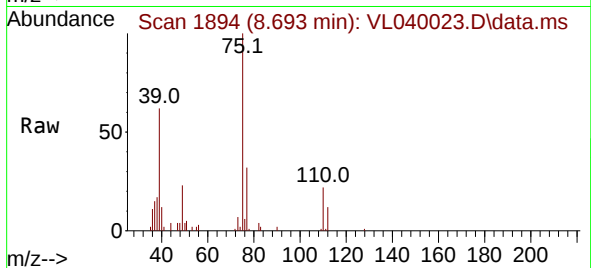
77 32.3 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022



#46

cis-1,3-Dichloropropene

Concen: 0.413 ppbv

RT: 8.124 min Scan# 1717

Delta R.T. -0.003 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

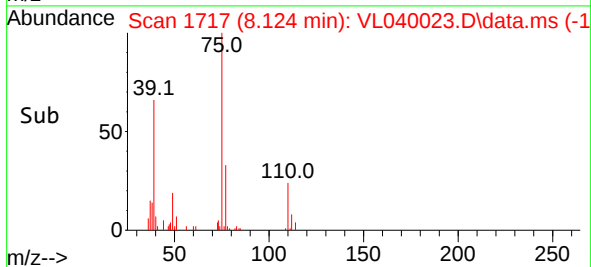
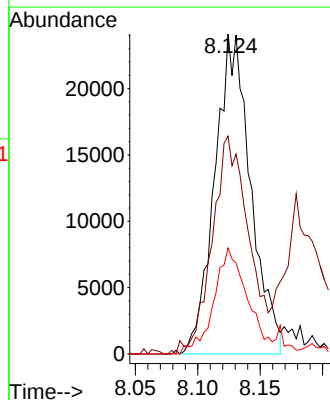
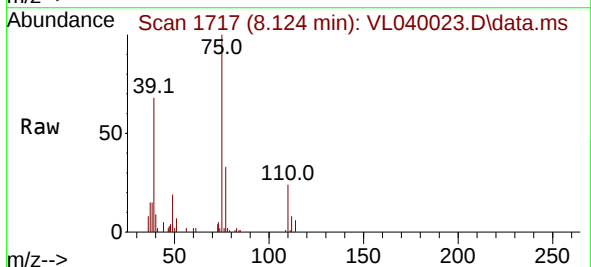
Tgt Ion: 75 Resp: 48397

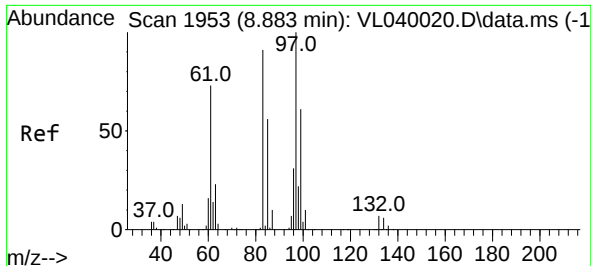
Ion Ratio Lower Upper

75 100

39 64.0 51.7 77.5

77 33.2 25.2 37.8





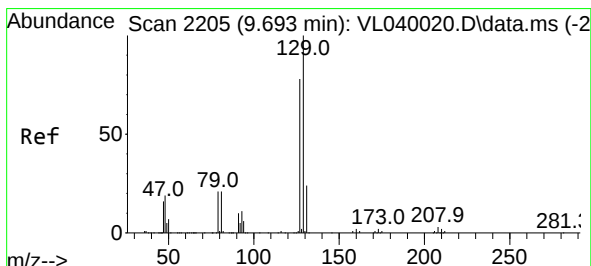
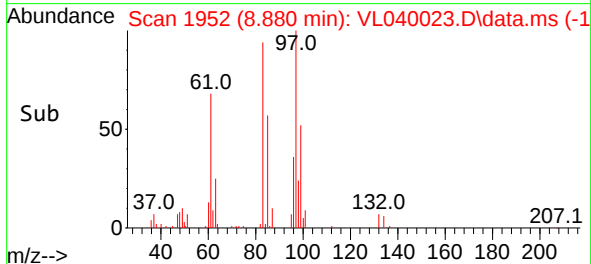
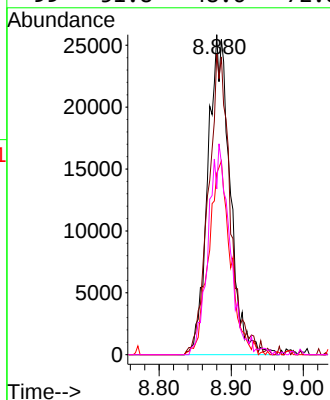
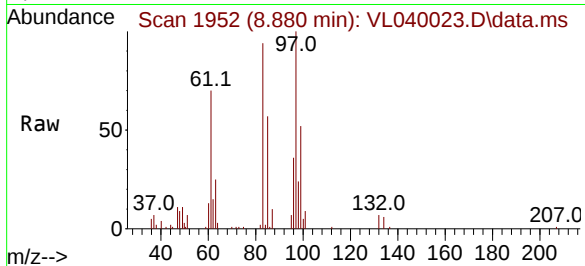
#47
1,1,2-Trichloroethane
Concen: 0.516 ppbv
RT: 8.880 min Scan# 1953
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 97	Resp: 5534
Ion Ratio	Lower Upper
97 100	
83 94.0	72.5 108.7
85 56.8	45.0 67.6
99 51.8	48.6 72.8

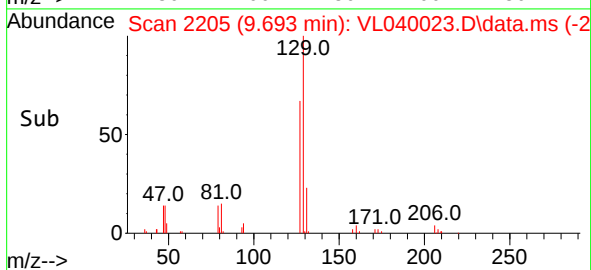
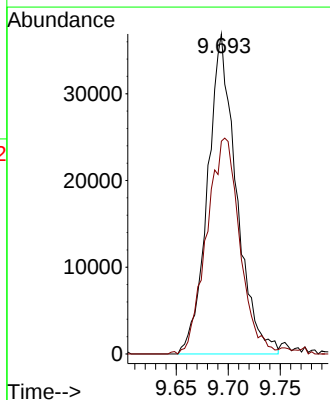
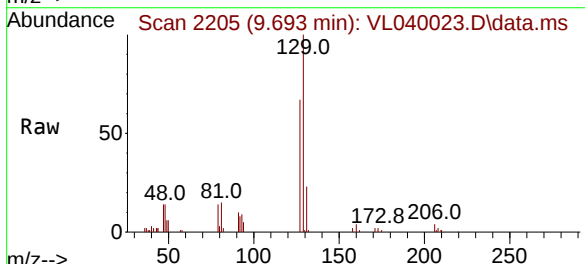
Manual Integrations
APPROVED

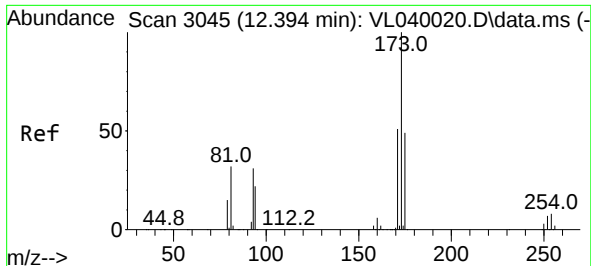
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#48
Dibromochloromethane
Concen: 0.433 ppbv
RT: 9.693 min Scan# 2205
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion:129	Resp: 70827
Ion Ratio	Lower Upper
129 100	
127 79.5	39.4 118.1





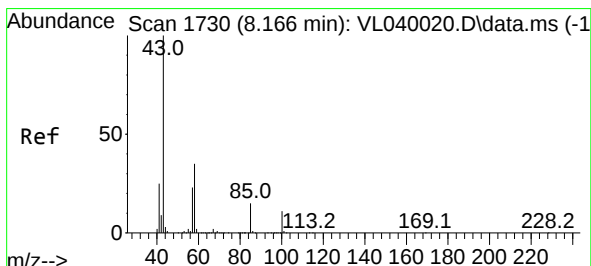
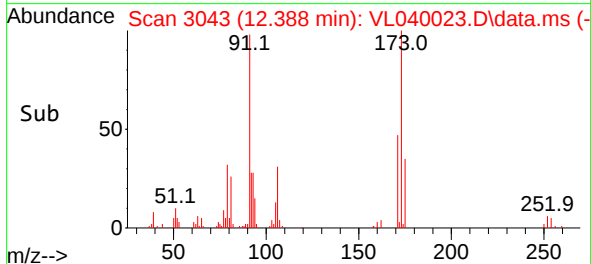
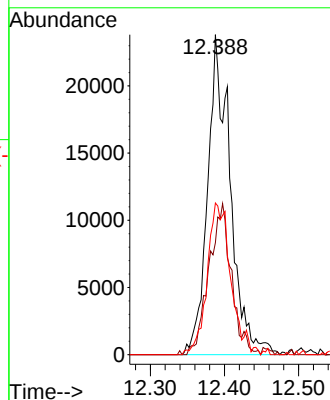
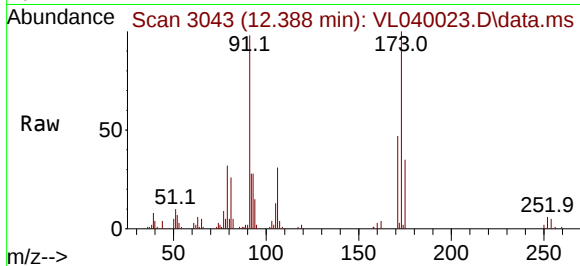
#49
Bromoform
Concen: 0.406 ppbv m
RT: 12.388 min Scan# 3045
Delta R.T. -0.006 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:173 Resp: 50634
Ion Ratio Lower Upper
173 100
175 47.6 39.0 58.4
171 0.0 42.0 63.0

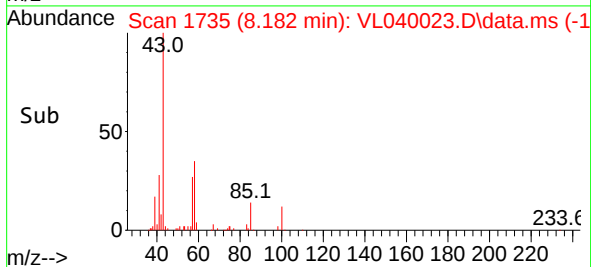
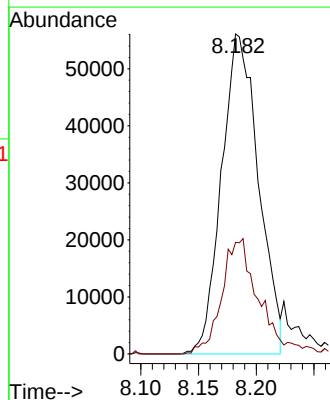
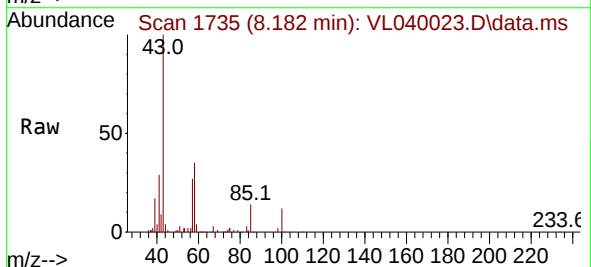
Manual Integrations
APPROVED

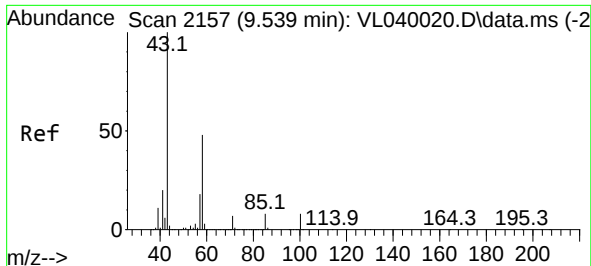
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#50
4-Methyl-2-Pentanone
Concen: 0.481 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. 0.016 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 43 Resp: 124920
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.4





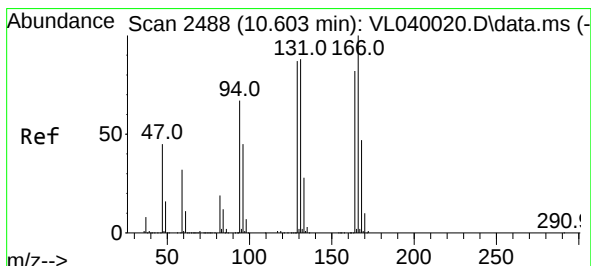
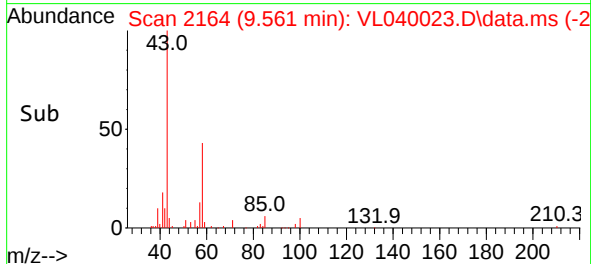
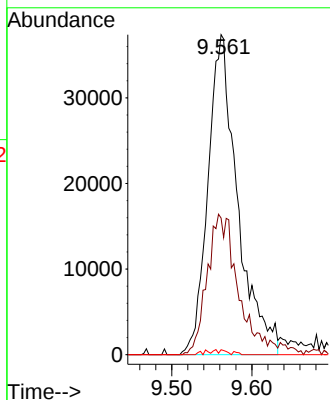
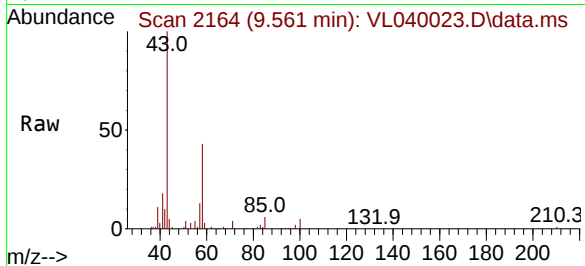
#51
2-Hexanone
Concen: 0.477 ppbv m
RT: 9.561 min Scan# 2157
Delta R.T. 0.023 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 9598
Ion Ratio Lower Upper
43 100
58 47.3 39.4 59.2
98 1.1 0.2 0.4

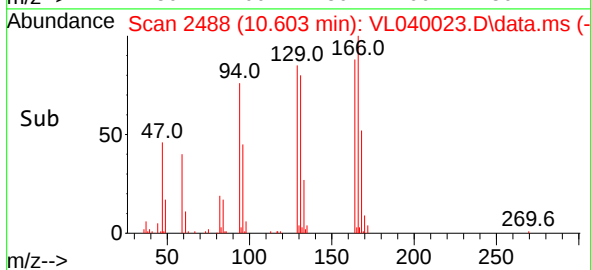
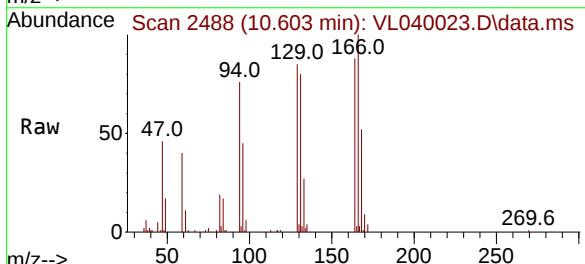
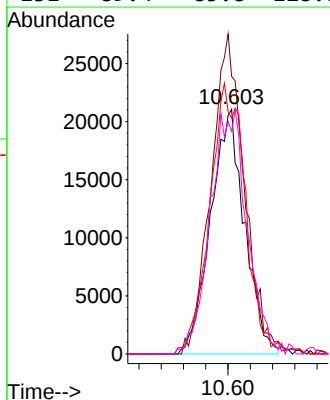
Manual Integrations
APPROVED

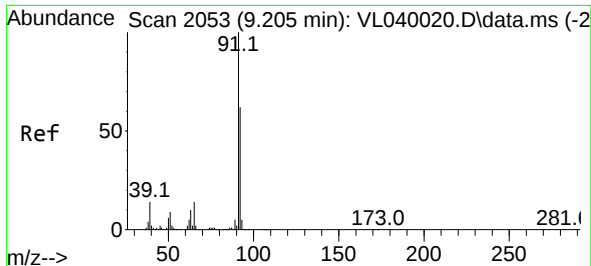
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#52
Tetrachloroethene
Concen: 0.497 ppbv
RT: 10.603 min Scan# 2488
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion:164 Resp: 44530
Ion Ratio Lower Upper
164 100
166 113.4 97.4 146.0
129 93.9 84.3 126.5
131 89.4 85.8 128.8





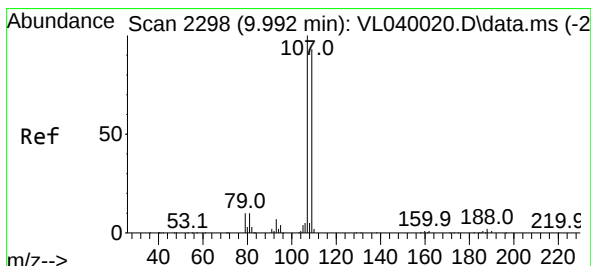
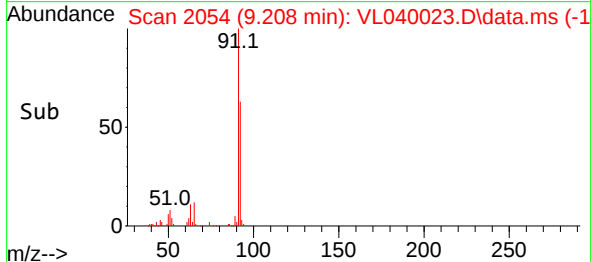
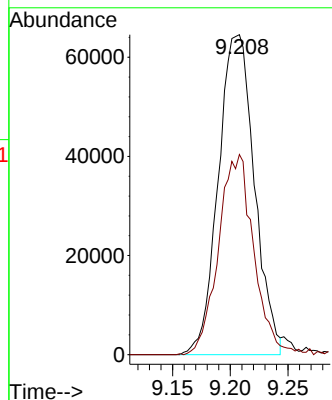
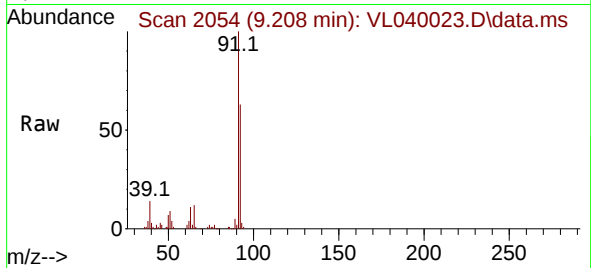
#53
Toluene
Concen: 0.484 ppbv
RT: 9.208 min Scan# 2053
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 140374
Ion Ratio Lower Upper
91 100
92 61.6 48.7 73.1

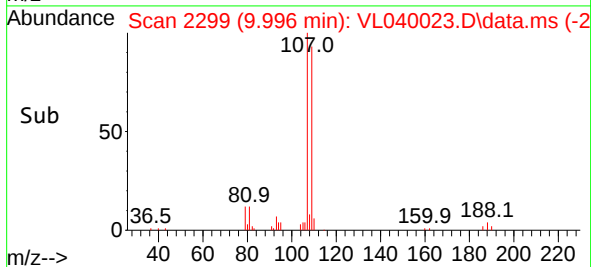
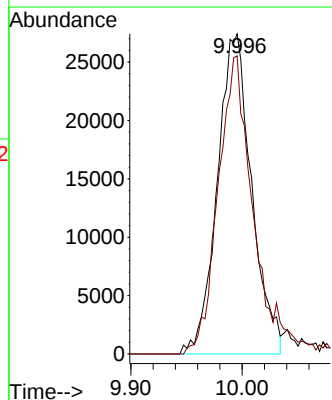
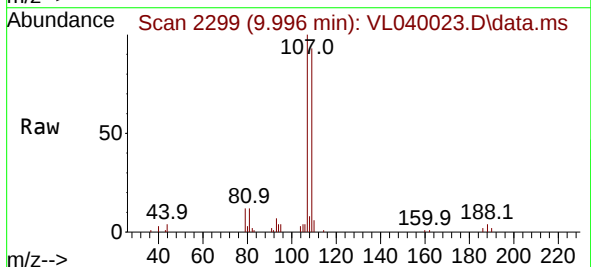
Manual Integrations
APPROVED

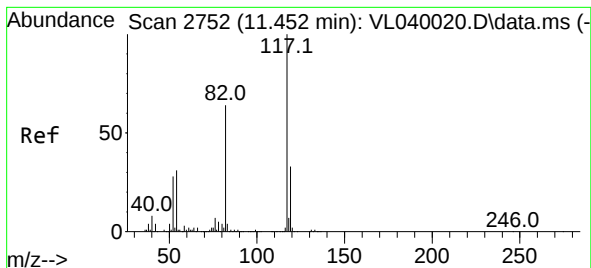
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#54
1,2-Dibromoethane
Concen: 0.510 ppbv
RT: 9.996 min Scan# 2299
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion:107 Resp: 58612
Ion Ratio Lower Upper
107 100
109 93.1 74.1 111.1





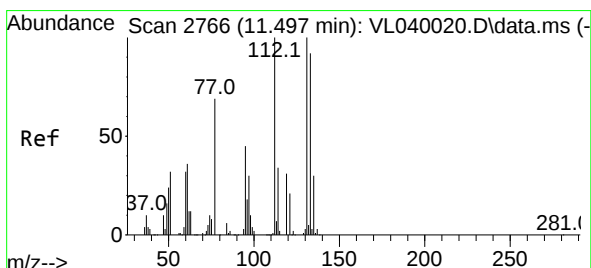
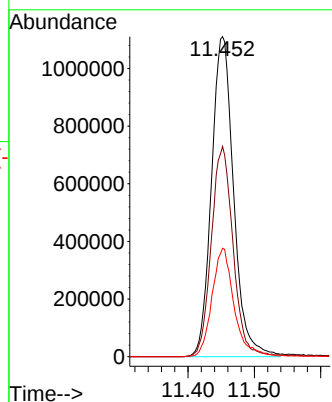
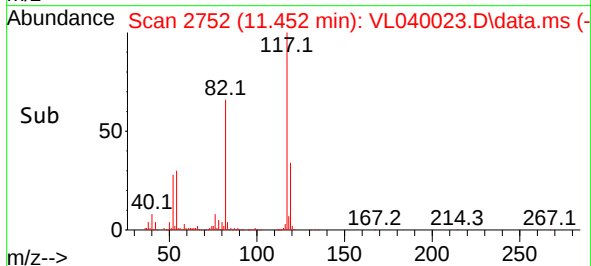
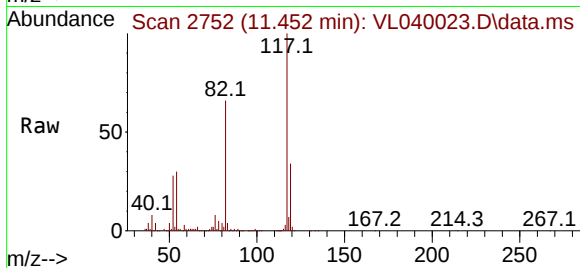
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.452 min Scan# 2752
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:117 Resp: 257661
Ion Ratio Lower Upper
117 100
82 65.3 51.2 76.8
119 34.0 23.2 34.8

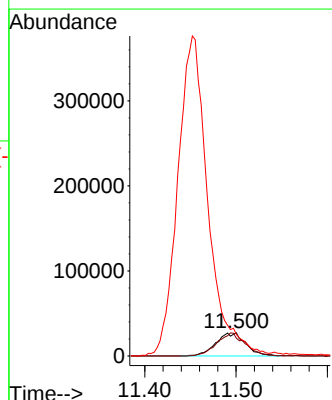
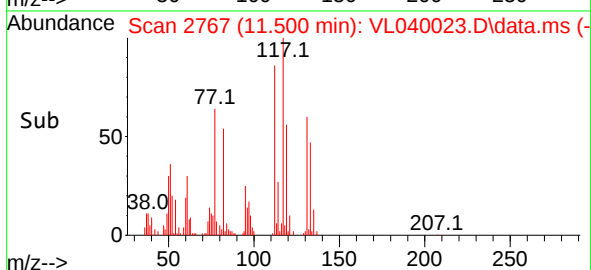
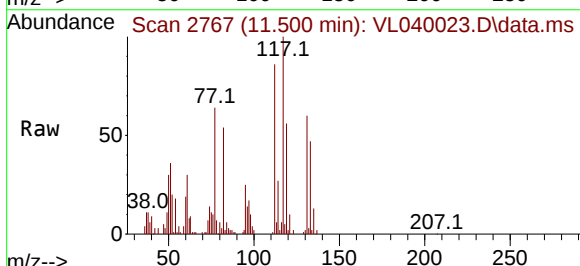
Manual Integrations
APPROVED

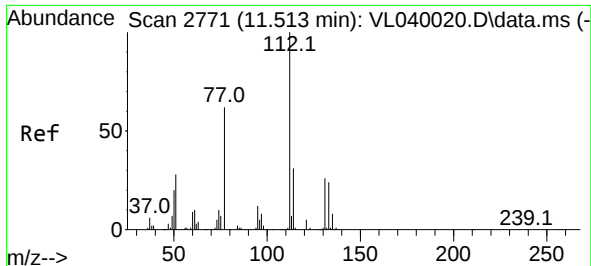
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 0.515 ppbv m
RT: 11.500 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion:131 Resp: 61278
Ion Ratio Lower Upper
131 100
133 0.0 75.8 113.8#
119 0.0 52.3 78.5#





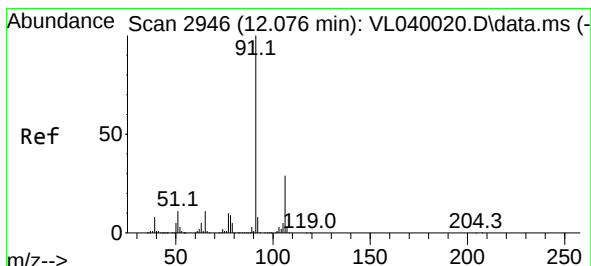
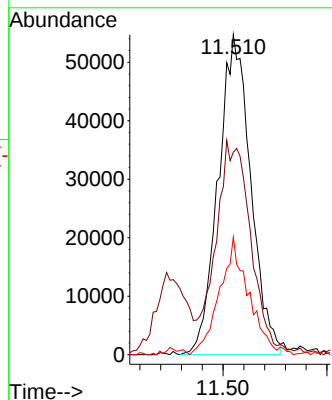
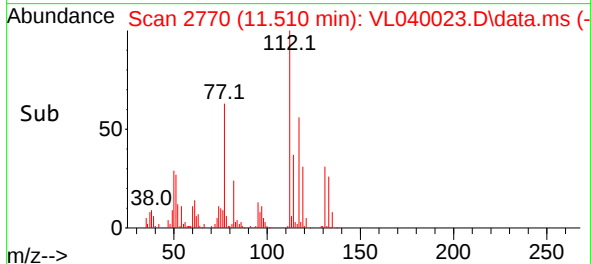
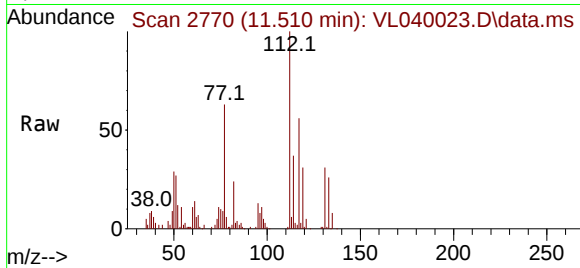
#57
Chlorobenzene
Concen: 0.543 ppbv
RT: 11.510 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 118779
Ion Ratio Lower Upper
112 100
77 60.5 50.6 75.8
114 35.7 27.8 34.0

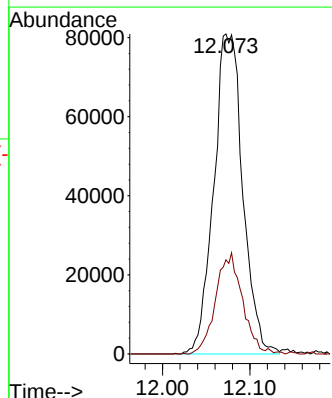
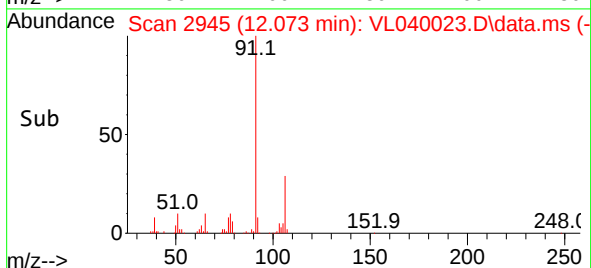
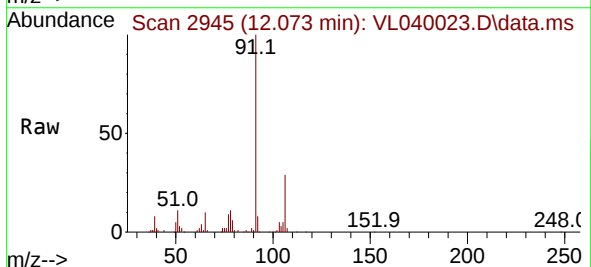
Manual Integrations
APPROVED

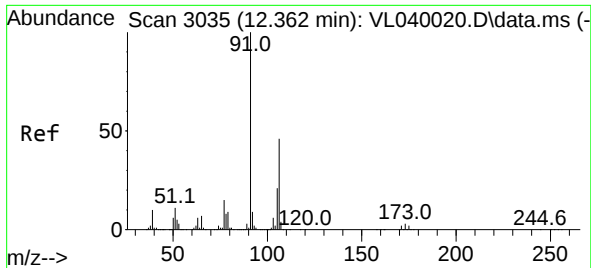
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#58
Ethyl Benzene
Concen: 0.511 ppbv m
RT: 12.073 min Scan# 2945
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 91 Resp: 187030
Ion Ratio Lower Upper
91 100
106 29.4 23.5 35.3





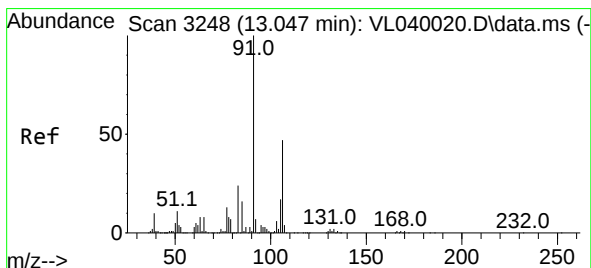
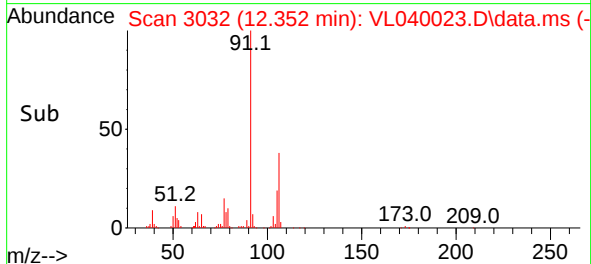
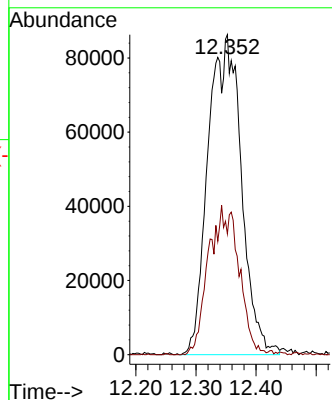
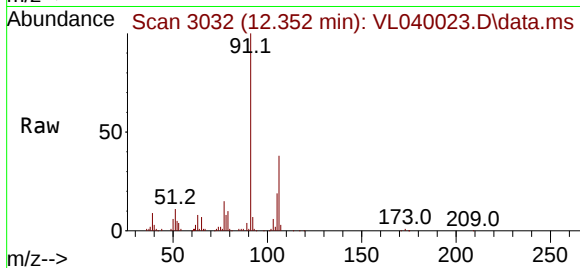
#59
m/p-Xylene
Concen: 1.039 ppbv m
RT: 12.352 min Scan# 3035
Delta R.T. -0.010 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 33120
Ion Ratio Lower Upper
91 100
106 0.0 35.5 53.3

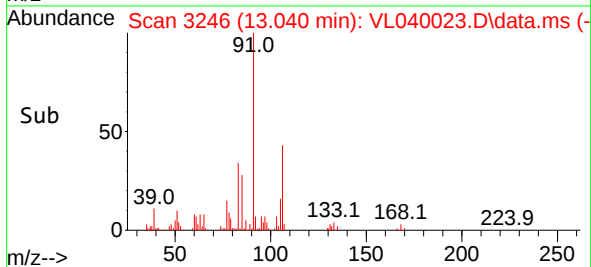
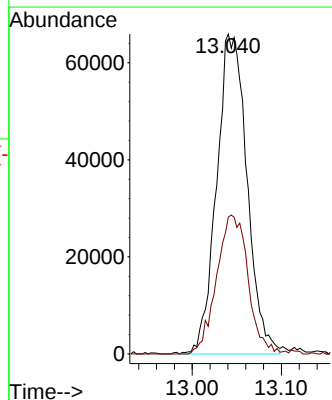
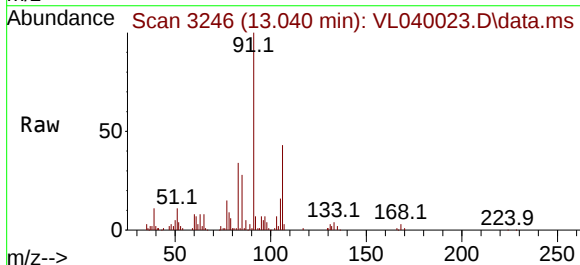
Manual Integrations
APPROVED

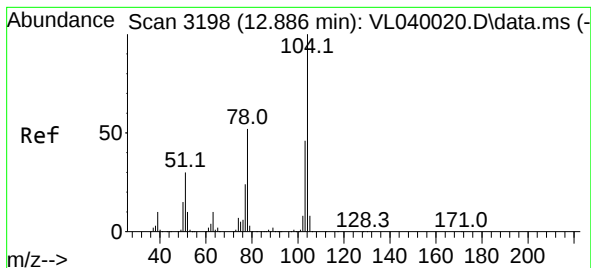
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#60
o-Xylene
Concen: 0.511 ppbv m
RT: 13.040 min Scan# 3246
Delta R.T. -0.006 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 91 Resp: 155914
Ion Ratio Lower Upper
91 100
106 45.3 22.4 67.0





#61

Styrene

Concen: 0.454 ppbv m

RT: 12.886 min Scan# 3198

Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

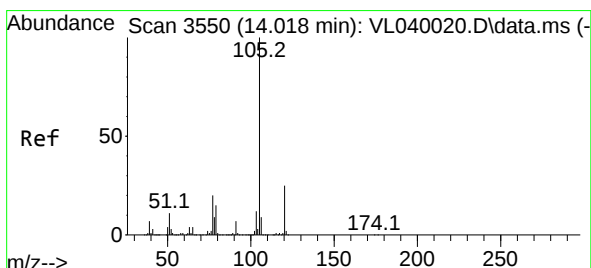
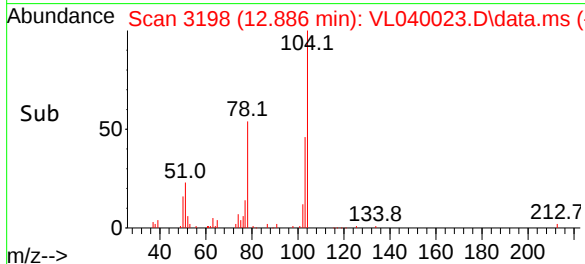
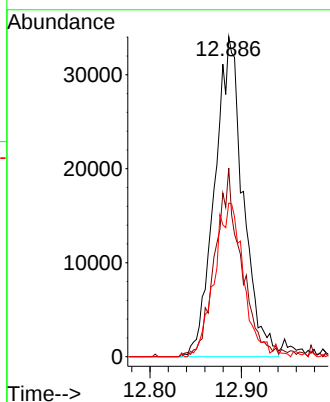
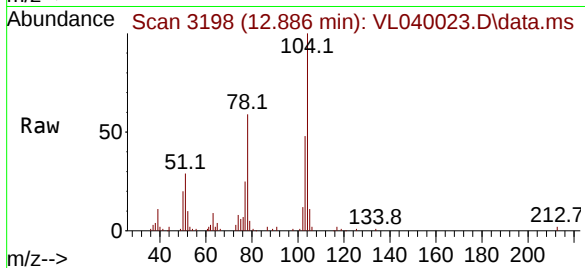
VSTDIC0.5

Tgt Ion:104 Resp: 73990
 Ion Ratio Lower Upper
 104 100
 78 54.4 42.4 63.6
 103 50.3 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#62

Isopropylbenzene

Concen: 0.539 ppbv

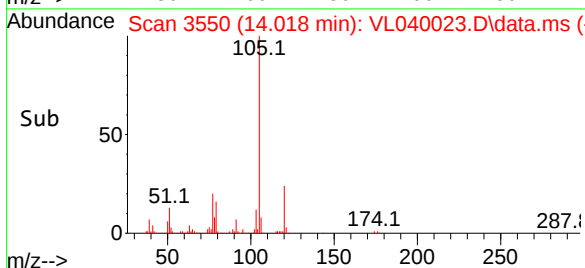
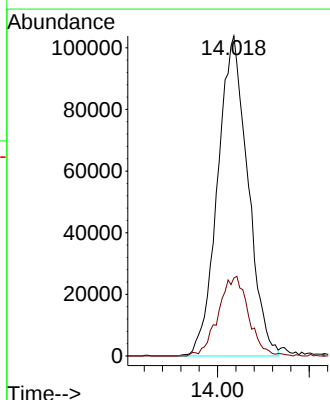
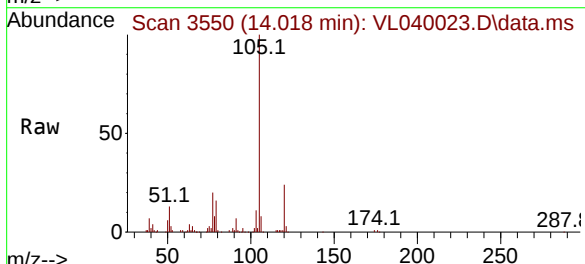
RT: 14.018 min Scan# 3550

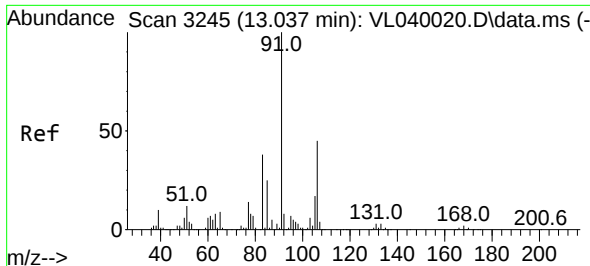
Delta R.T. 0.000 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

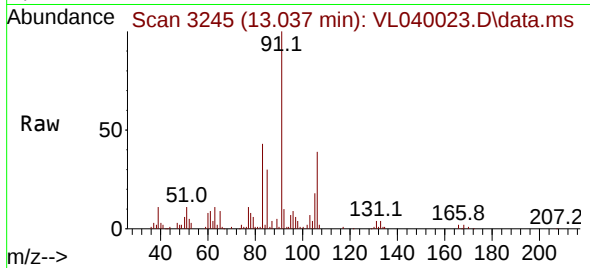
Tgt Ion:105 Resp: 237452
 Ion Ratio Lower Upper
 105 100
 120 25.0 20.6 31.0





#63
1,1,2,2-Tetrachloroethane
Concen: 0.588 ppbv m
RT: 13.037 min Scan# 3245
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

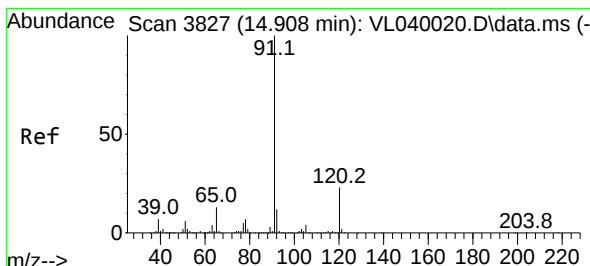
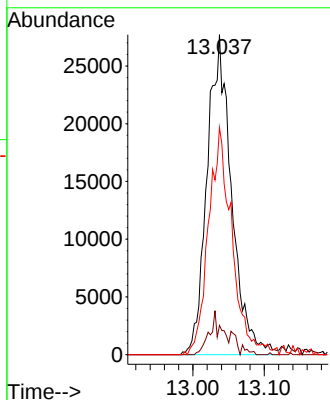
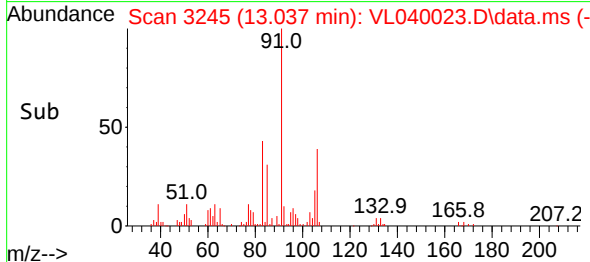
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



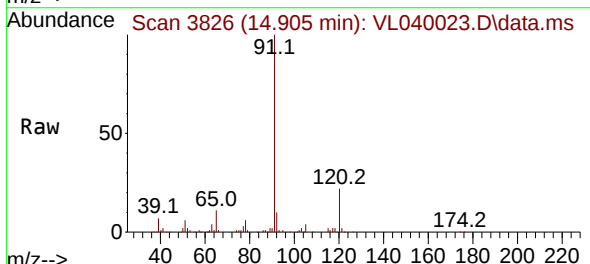
Tgt Ion: 83 Resp: 66110
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 68.5 33.3 99.9

Manual Integrations
APPROVED

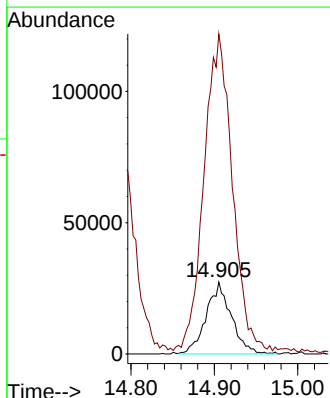
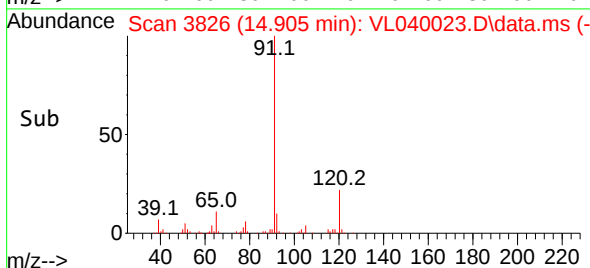
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

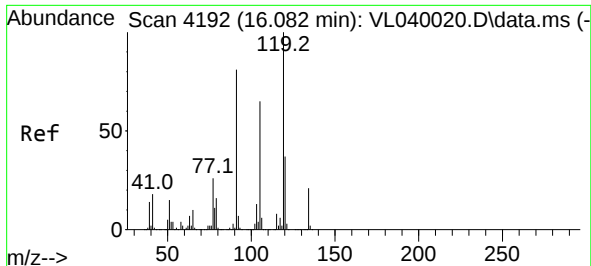


#64
n-propylbenzene
Concen: 0.515 ppbv m
RT: 14.905 min Scan# 3826
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29



Tgt Ion:120 Resp: 57165
Ion Ratio Lower Upper
120 100
91 511.3 384.3 576.5





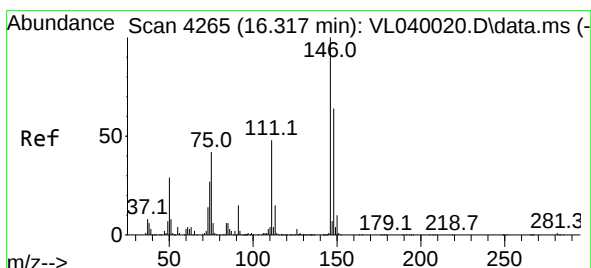
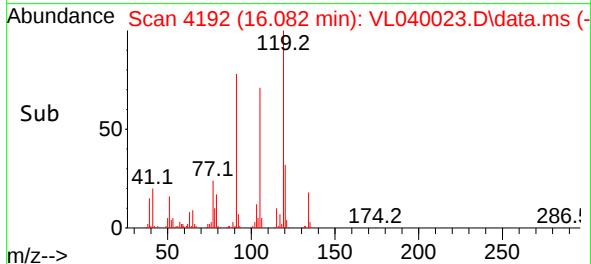
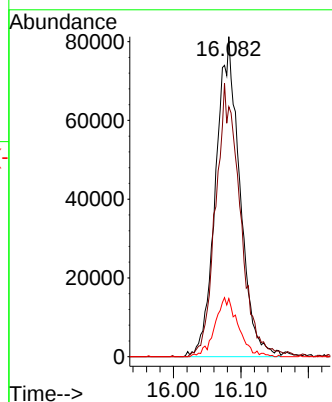
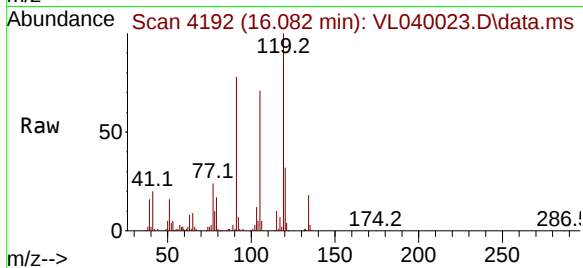
#65
tert-Butylbenzene
Concen: 0.529 ppbv m
RT: 16.082 min Scan# 4192
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 202190
Ion Ratio Lower Upper
119 100
91 0.0 66.9 100.3#
134 0.0 15.8 23.6#

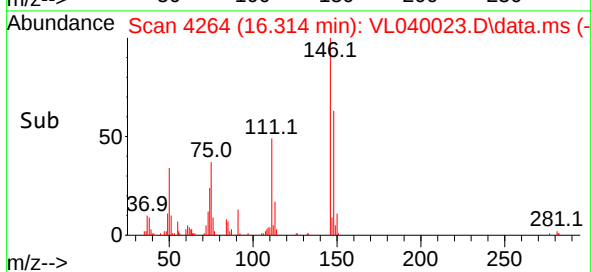
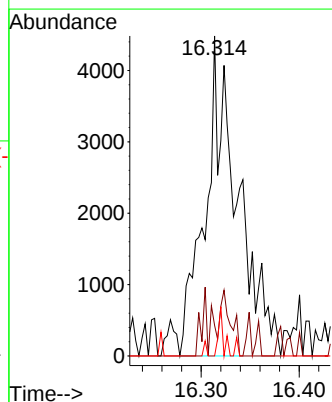
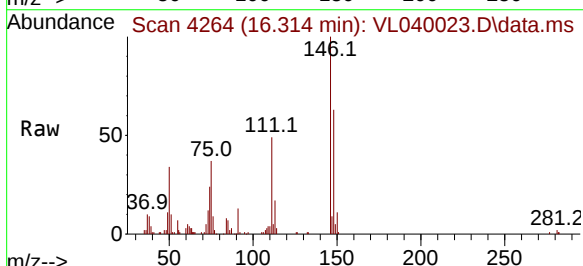
Manual Integrations
APPROVED

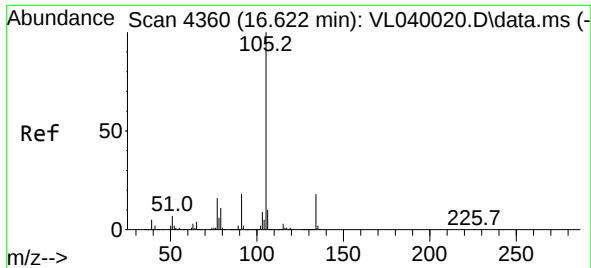
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#66
Benzyl Chloride
Concen: 0.515 ppbv m
RT: 16.314 min Scan# 4264
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion: 91 Resp: 10240
Ion Ratio Lower Upper
91 100
126 0.0 12.2 18.2#
128 3.2 4.2 6.2#





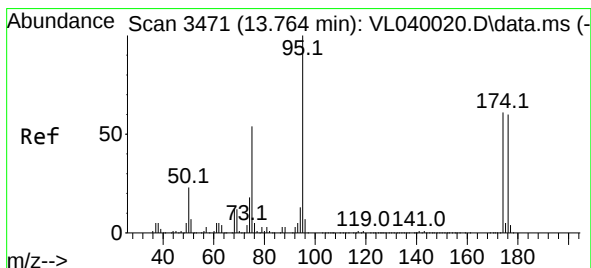
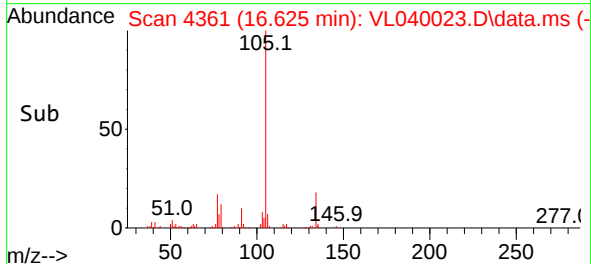
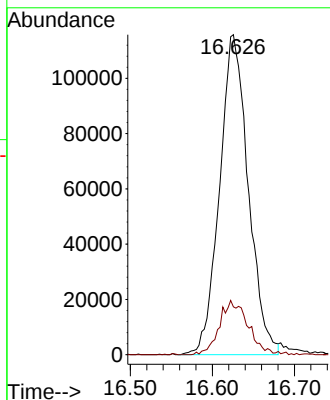
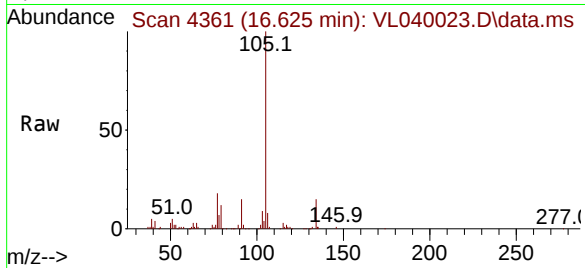
#67
 sec-Butylbenzene
 Concen: 0.525 ppbv
 RT: 16.625 min Scan# 4360
 Delta R.T. 0.003 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 281762
 Ion Ratio Lower Upper
 105 100
 134 16.9 14.2 21.4

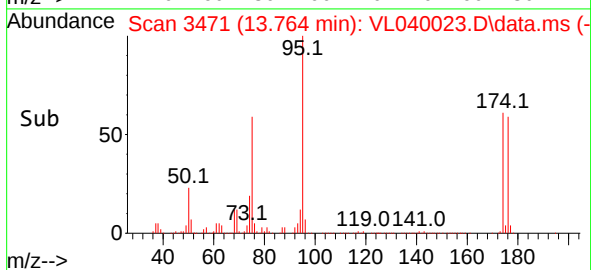
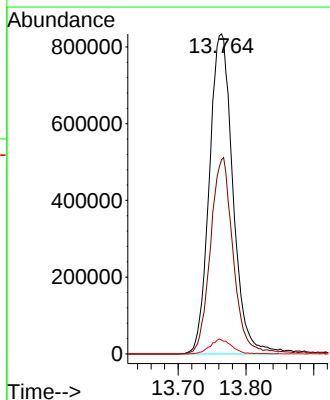
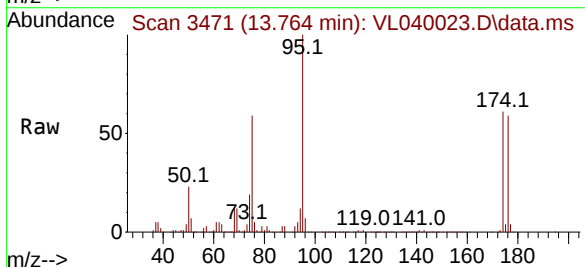
Manual Integrations
 APPROVED

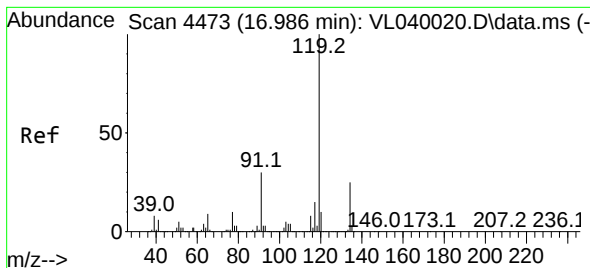
Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.225 ppbv
 RT: 13.764 min Scan# 3471
 Delta R.T. 0.000 min
 Lab File: VL040023.D
 Acq: 19 Dec 2022 11:29

Tgt Ion: 95 Resp: 2012448
 Ion Ratio Lower Upper
 95 100
 174 59.9 48.6 73.0
 175 4.3 3.4 5.2





#69

p-Isopropyltoluene

Concen: 0.504 ppbv

RT: 16.982 min Scan# 4473

Delta R.T. -0.003 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

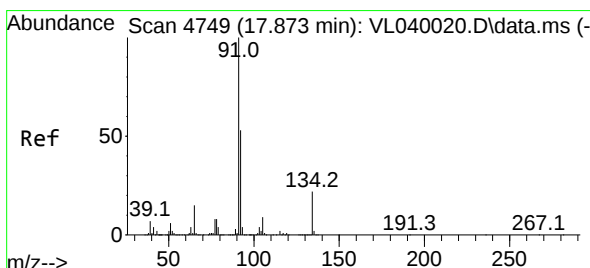
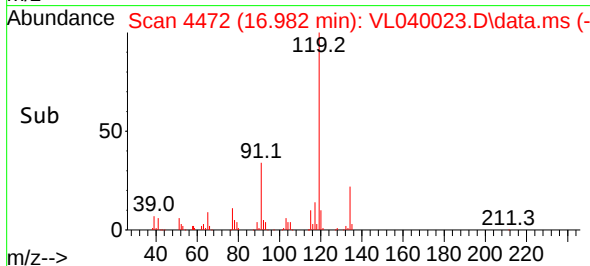
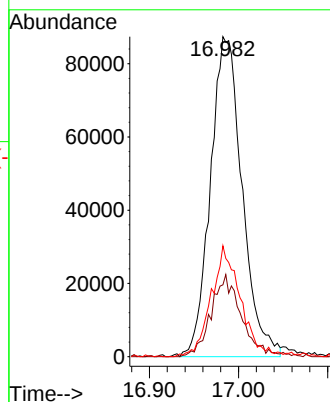
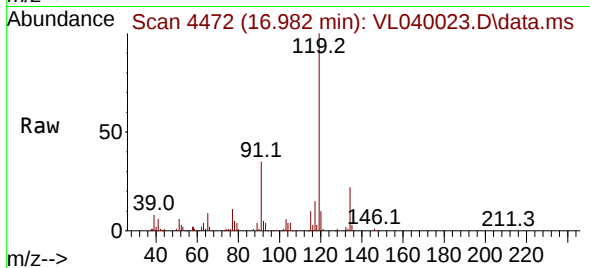
VSTDIC0.5

Tgt Ion:	119	Resp:	21618
Ion Ratio	Lower	Upper	
119	100		
134	24.5	20.2	30.4
91	32.6	24.2	36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#70

n-Butylbenzene

Concen: 0.523 ppbv m

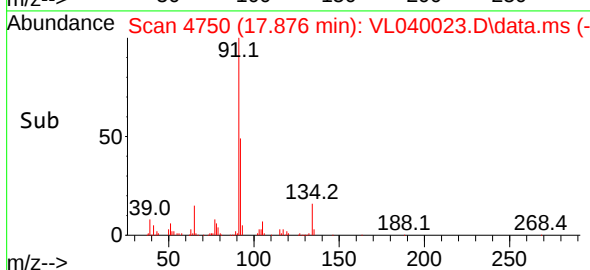
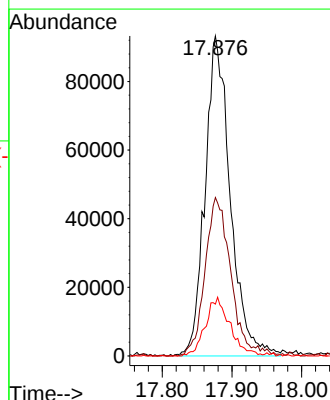
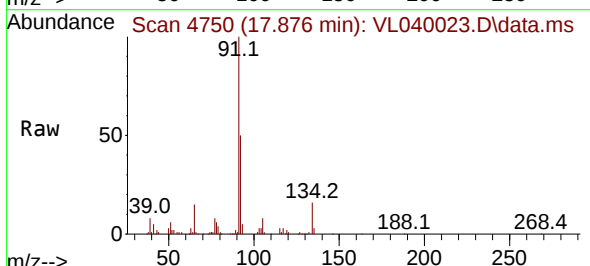
RT: 17.876 min Scan# 4750

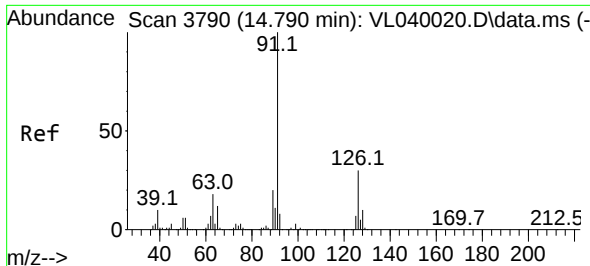
Delta R.T. 0.003 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Tgt Ion:	91	Resp:	234342
Ion Ratio	Lower	Upper	
91	100		
92	51.2	43.2	64.8
134	18.1	17.4	26.2





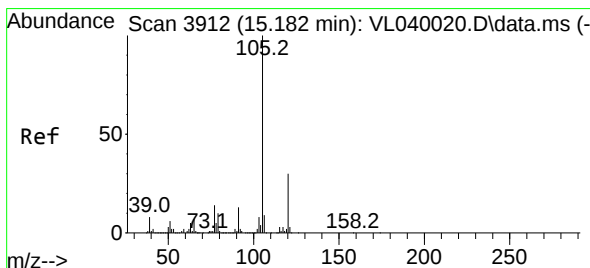
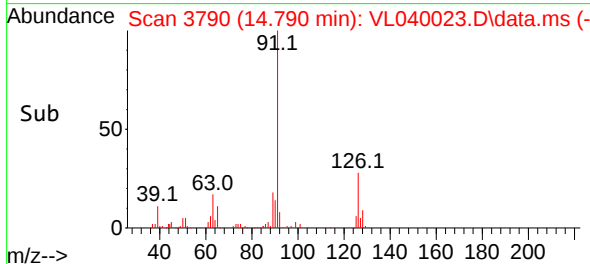
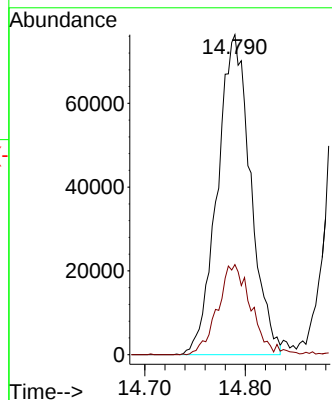
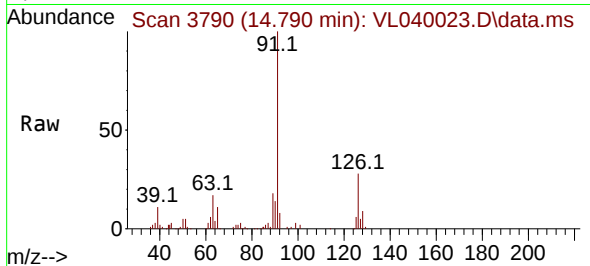
#71
2-Chlorotoluene
Concen: 0.521 ppbv
RT: 14.790 min Scan# 3790
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 175140
Ion Ratio Lower Upper
91 100
126 28.8 12.1 48.5

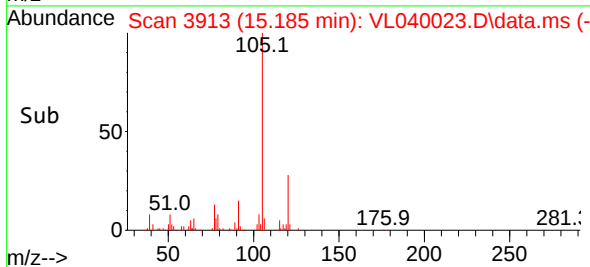
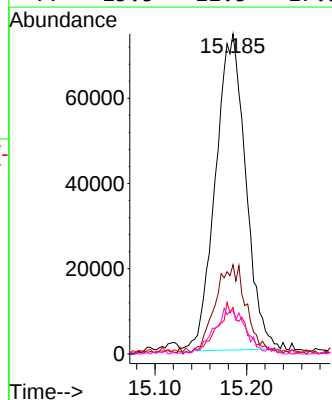
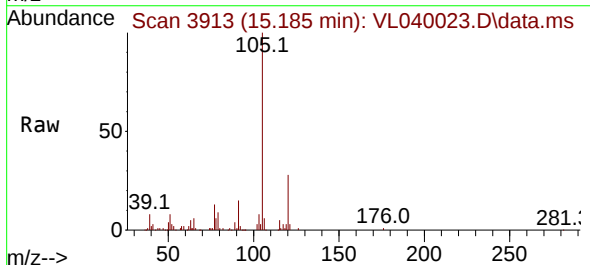
Manual Integrations
APPROVED

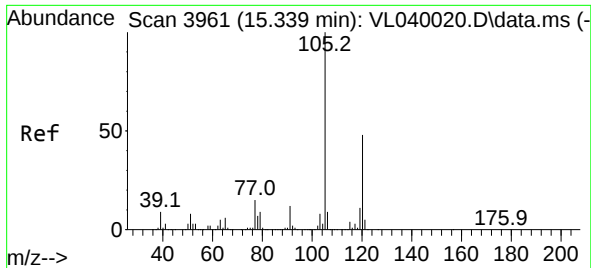
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#72
4-Ethyltoluene
Concen: 0.501 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

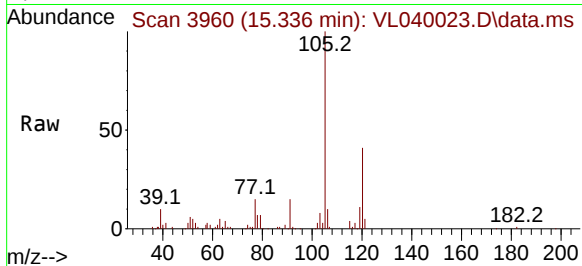
Tgt Ion:105 Resp: 169967
Ion Ratio Lower Upper
105 100
120 29.6 23.5 35.3
91 16.2 10.5 15.7#
77 15.5 11.5 17.3





#73
1,3,5-Trimethylbenzene
Concen: 0.514 ppbv m
RT: 15.336 min Scan# 3961
Delta R.T. -0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

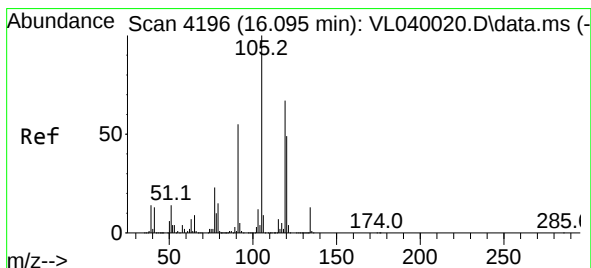
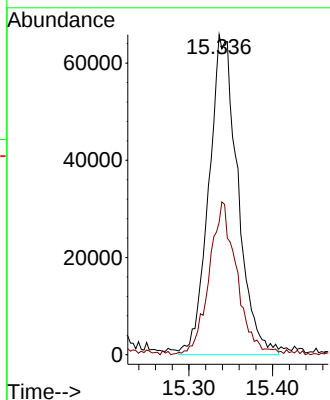
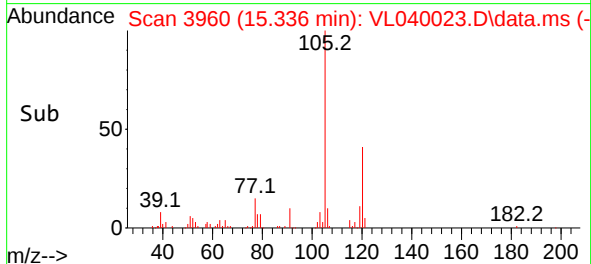
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



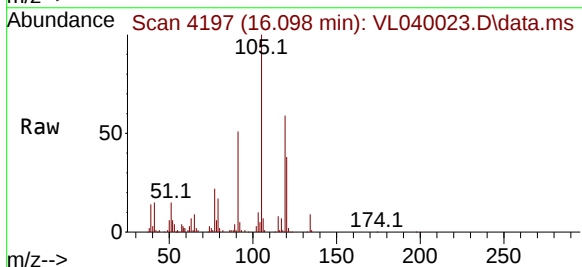
Tgt Ion:105 Resp: 157778
Ion Ratio Lower Upper
105 100
120 41.4 38.4 57.6

Manual Integrations
APPROVED

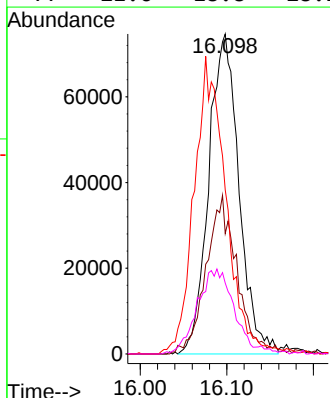
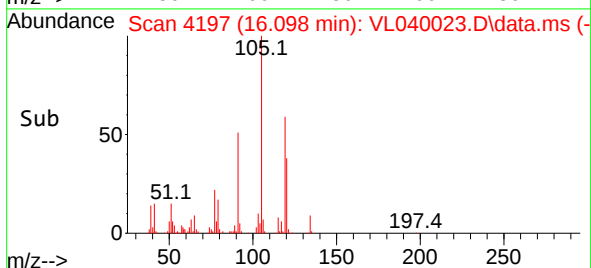
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022

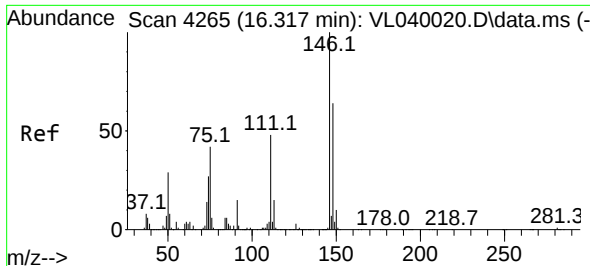


#74
1,2,4-Trimethylbenzene
Concen: 0.538 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29



Tgt Ion:105 Resp: 181408
Ion Ratio Lower Upper
105 100
120 36.7 39.3 58.9#
91 49.6 44.2 66.4
77 21.6 18.8 28.2





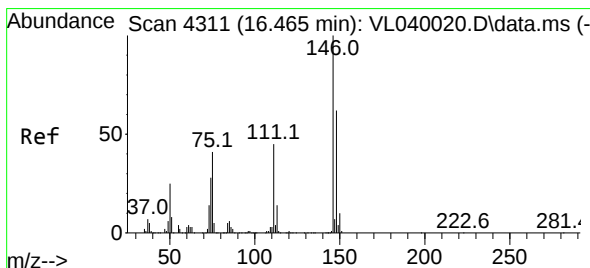
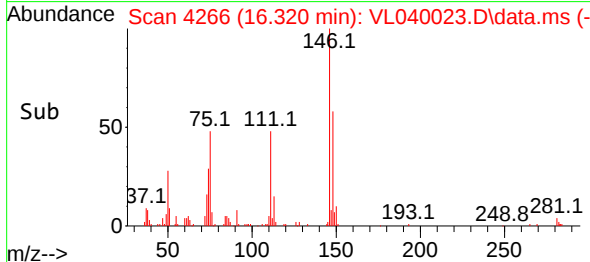
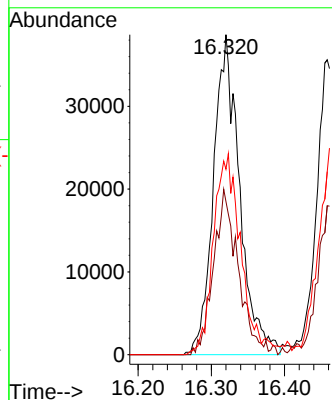
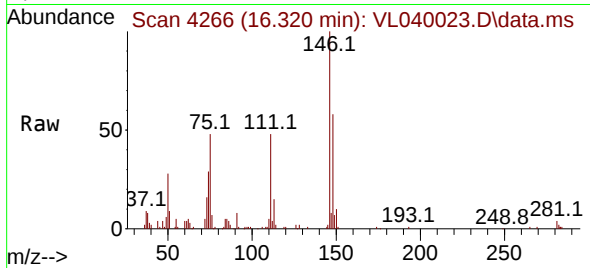
#75
1,3-Dichlorobenzene
Concen: 0.520 ppbv m
RT: 16.320 min Scan# 4309
Delta R.T. 0.003 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 95724
Ion Ratio Lower Upper
146 100
111 49.5 23.9 71.8
148 66.5 32.0 96.2

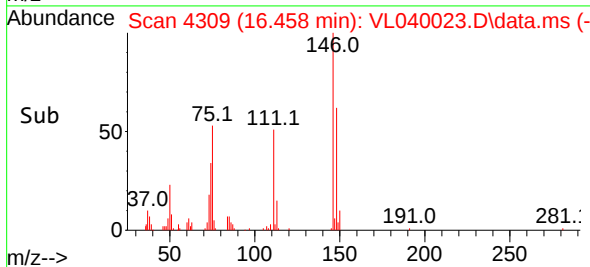
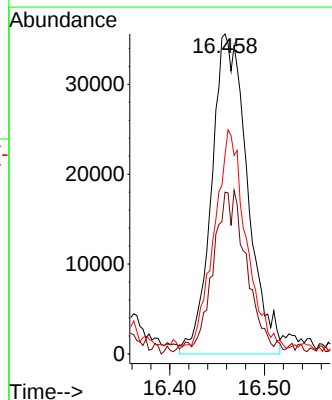
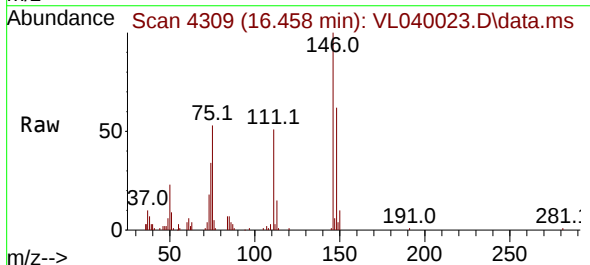
Manual Integrations
APPROVED

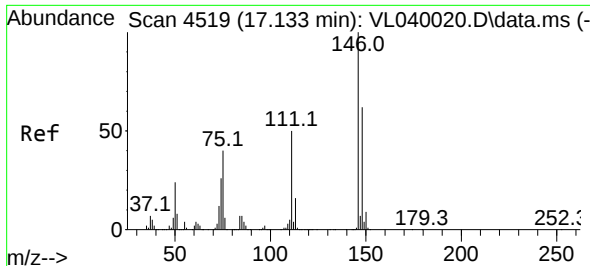
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#76
1,4-Dichlorobenzene
Concen: 0.516 ppbv m
RT: 16.458 min Scan# 4309
Delta R.T. -0.006 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion:146 Resp: 93753
Ion Ratio Lower Upper
146 100
111 51.1 23.4 70.2
148 0.0 32.0 96.2#





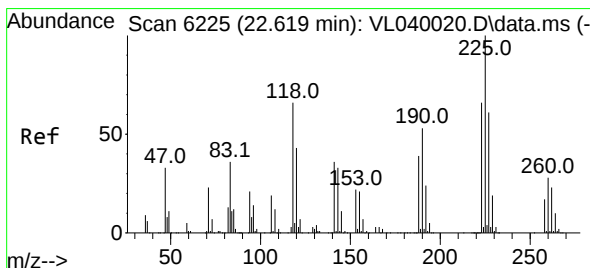
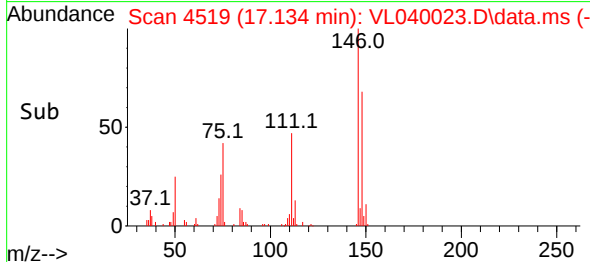
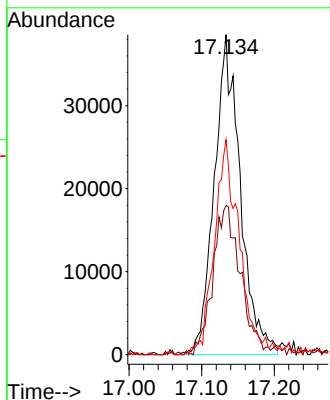
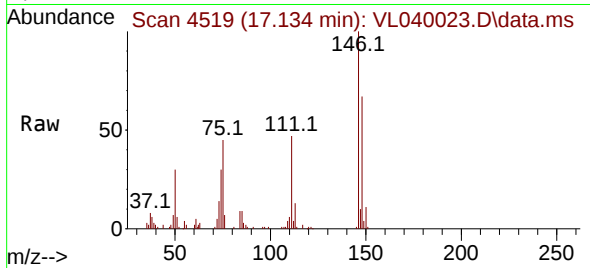
#77
1,2-Dichlorobenzene
Concen: 0.543 ppbv m
RT: 17.134 min Scan# 4519
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 96144
Ion Ratio Lower Upper
146 100
111 50.9 25.3 75.9
148 64.8 31.9 95.9

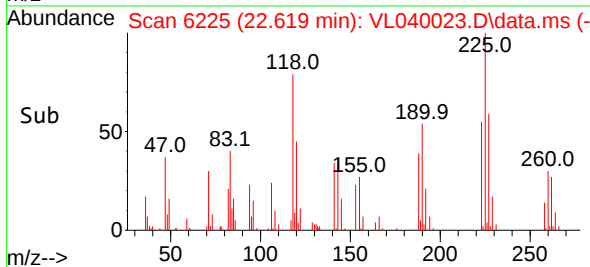
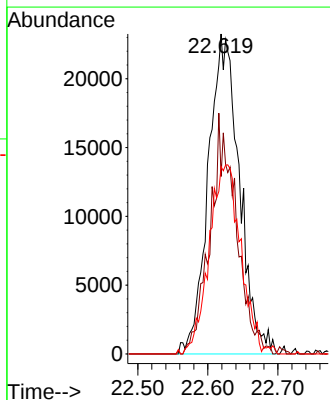
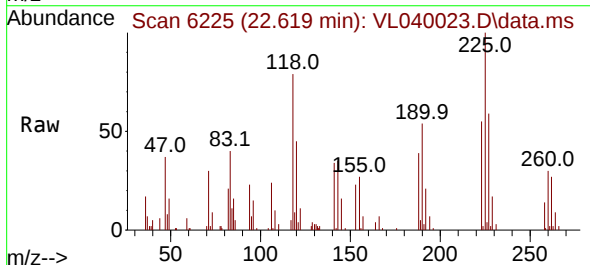
Manual Integrations
APPROVED

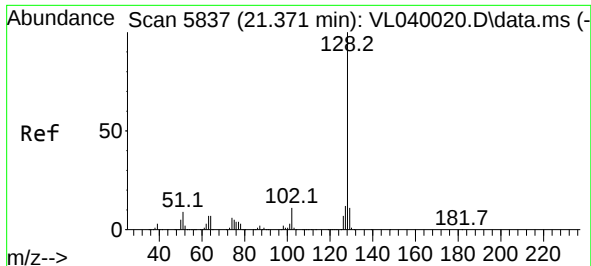
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#78
Hexachloro-1,3-Butadiene
Concen: 0.583 ppbv m
RT: 22.619 min Scan# 6225
Delta R.T. 0.000 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion:225 Resp: 71439
Ion Ratio Lower Upper
225 100
223 63.9 0.0 0.0#
227 0.0 0.0 0.0





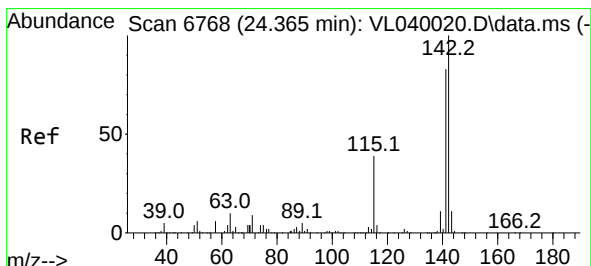
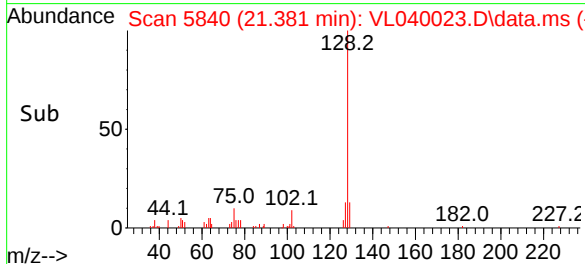
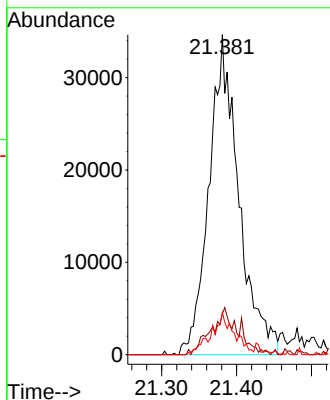
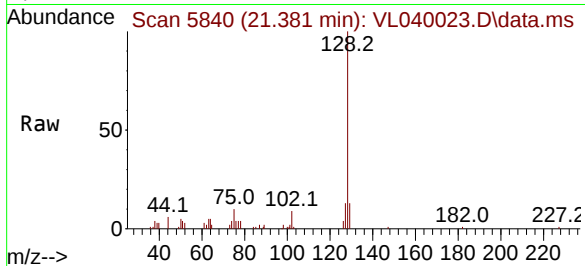
#79
Naphthalene
Concen: 0.476 ppbv m
RT: 21.381 min Scan# 5840
Delta R.T. 0.010 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:128 Resp: 9541
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 13.2 8.8 13.2

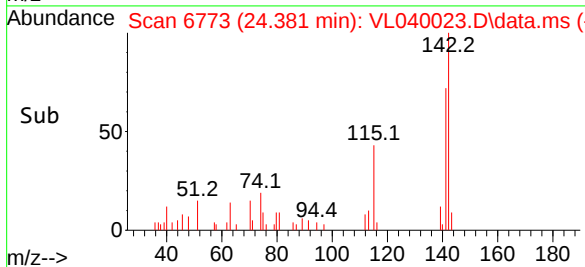
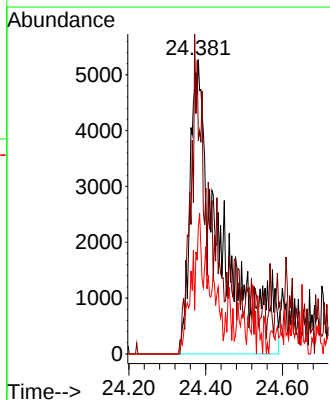
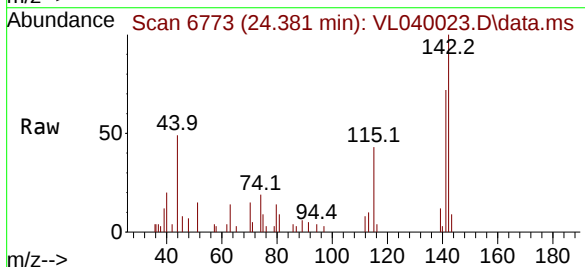
Manual Integrations
APPROVED

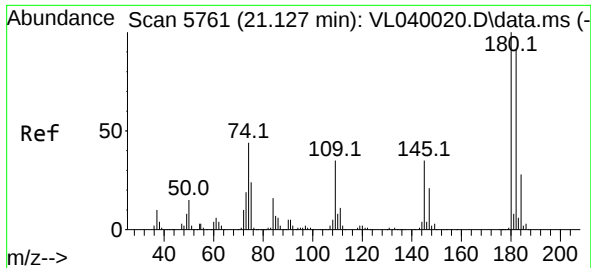
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#80
Naphthalene,2-methyl-
Concen: 0.495 ppbv m
RT: 24.381 min Scan# 6773
Delta R.T. 0.016 min
Lab File: VL040023.D
Acq: 19 Dec 2022 11:29

Tgt Ion:142 Resp: 28477
Ion Ratio Lower Upper
142 100
141 58.6 65.3 97.9#
115 27.4 31.9 47.9#





#81

1,2,4-Trichlorobenzene

Concen: 0.489 ppbv m

RT: 21.140 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL040023.D

Acq: 19 Dec 2022 11:29

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 5807

Ion Ratio Lower Upper

180 100

182 0.0 76.6 115.0

184 0.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022

Supervised By :Mahesh Dadoda 12/20/2022

