

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040753.D
 Acq On : 11 Oct 2023 11:21
 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 10/12/2023
 Supervised By : Mahesh Dadoda 10/16/2023

Quant Time: Oct 11 14:07:31 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

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

QLast Update : Wed Oct 11 14:05:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1221669	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	3387453	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	3157323	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 2378853 9.752 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.500%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.751	85	119795m	0.445	ppbv	
3) Chlorodifluoromethane	2.700	51	101787	0.511	ppbv	100
4) Chloromethane	2.835	50	39028	0.512	ppbv	91
5) Vinyl Chloride	2.941	62	37313	0.414	ppbv	91
6) Bromomethane	3.144	94	16400	0.377	ppbv	89
7) Chloroethane	3.217	64	12921	0.418	ppbv	94
8) Dichlorotetrafluoroethane	2.877	85	90081	0.405	ppbv	97
9) Propene	2.716	41	38019	0.663	ppbv	92
10) Heptane	7.584	43	86821	0.672	ppbv	93
11) Trichlorofluoromethane	3.578	101	86336	0.365	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.082	101	61052	0.361	ppbv	97
13) Ethanol	3.279	45	7313m	0.431	ppbv	
14) Bromoethene	3.381	108	27032	0.381	ppbv #	92
15) Acetone	3.504	43	70187	0.436	ppbv #	85
16) 1,3-Butadiene	3.002	39	36906	0.526	ppbv	93
17) tert-Butyl alcohol	3.915	59	77326m	0.468	ppbv	
18) 1,1-Dichloroethene	3.896	96	27096	0.360	ppbv	97
19) Isopropyl Alcohol	3.610	45	48938m	0.504	ppbv	
20) Methylene Chloride	3.954	84	37622m	0.434	ppbv	
21) Allyl Chloride	4.015	41	45588	0.462	ppbv	87
22) trans-1,2-Dichloroethene	4.465	96	29672m	0.399	ppbv	
23) Vinyl Acetate	4.648	43	75464	0.453	ppbv #	96
24) 1,1-Dichloroethane	4.574	63	62416	0.400	ppbv	97
25) Ethyl Acetate	5.227	43	134517	0.518	ppbv #	92
26) Hexane	5.221	57	72581	0.591	ppbv	90
27) Carbon Disulfide	4.140	76	63533	0.371	ppbv #	77
28) Methyl tert-Butyl Ether	4.616	73	49508	0.468	ppbv #	90
29) Chloroform	5.282	83	87783	0.414	ppbv	96
30) Cyclohexane	6.613	84	56494	0.610	ppbv	95
31) cis-1,2-Dichloroethene	5.092	61	59020	0.518	ppbv	98
32) 1,1,1-Trichloroethane	6.008	97	96417	0.444	ppbv	99
34) 2-Butanone	4.815	43	69843	0.410	ppbv	95
35) Carbon Tetrachloride	6.500	117	96568	0.415	ppbv	95
36) Benzene	6.378	78	139266	0.555	ppbv	95
37) 1,2-Dichloroethane	5.812	62	64647	0.377	ppbv #	95
38) Trichloroethene	7.294	130	54632	0.571	ppbv	93
39) 1,2-Dichloropropane	7.079	63	53696	0.556	ppbv	92
40) 1,4-Dioxane	7.330	88	20388m	0.559	ppbv	
41) Tetrahydrofuran	5.594	42	52181	0.597	ppbv	94
42) Bromodichloromethane	7.256	83	100724	0.430	ppbv #	93
43) Methyl Methacrylate	7.484	69	56005	0.601	ppbv	97
44) 2,2,4-Trimethylpentane	7.333	57	242973	0.608	ppbv	96
45) t-1,3-Dichloropropene	8.719	75	40116m	0.555	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040753.D
 Acq On : 11 Oct 2023 11:21
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Quant Time: Oct 11 14:07:31 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M

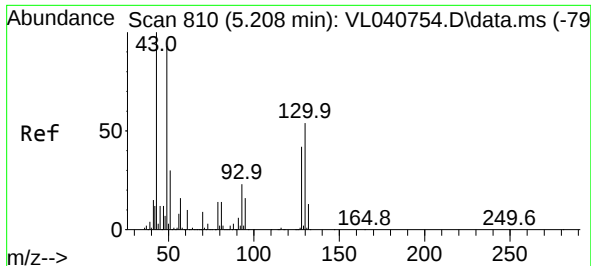
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Oct 11 14:05:42 2023

Response via : Initial Calibration

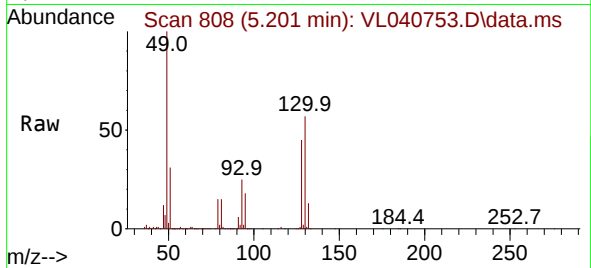
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	54298m	0.614	ppbv	
47) 1,1,2-Trichloroethane	8.905	97	55587	0.502	ppbv	89
48) Dibromochloromethane	9.719	129	83743m	0.458	ppbv	
49) Bromoform	12.407	173	71048	0.473	ppbv	97
50) 4-Methyl-2-Pentanone	8.204	43	128181	0.557	ppbv	96
51) 2-Hexanone	9.581	43	81166	0.511	ppbv #	75
52) Tetrachloroethene	10.622	164	53401m	0.653	ppbv	
53) Toluene	9.227	91	163309	0.617	ppbv	99
54) 1,2-Dibromoethane	10.011	107	74998	0.530	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.507	131	71299m	0.474	ppbv	
57) Chlorobenzene	11.529	112	121921	0.510	ppbv	93
58) Ethyl Benzene	12.089	91	226975	0.631	ppbv	95
59) m/p-Xylene	12.365	91	368303m	1.090	ppbv	
60) o-Xylene	13.060	91	173491	0.538	ppbv	99
61) Styrene	12.902	104	90164	0.667	ppbv	99
62) Isopropylbenzene	14.034	105	262123	0.539	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.047	83	122443m	0.485	ppbv	
64) n-propylbenzene	14.918	120	66160	0.544	ppbv	76
65) tert-Butylbenzene	16.095	119	237299	0.543	ppbv	96
66) Benzyl Chloride	16.333	91	24768m	0.486	ppbv	
67) sec-Butylbenzene	16.638	105	334384	0.535	ppbv	99
69) p-Isopropyltoluene	16.998	119	276030	0.562	ppbv	98
70) n-Butylbenzene	17.895	91	261858	0.484	ppbv	100
71) 2-Chlorotoluene	14.805	91	202111m	0.561	ppbv	
72) 4-Ethyltoluene	15.198	105	200290	0.554	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	171431	0.527	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	191567	0.483	ppbv #	86
75) 1,3-Dichlorobenzene	16.342	146	114525m	0.507	ppbv	
76) 1,4-Dichlorobenzene	16.481	146	116620m	0.524	ppbv	
77) 1,2-Dichlorobenzene	17.146	146	119852m	0.532	ppbv	
78) Hexachloro-1,3-Butadiene	22.641	225	86138	0.506	ppbv	99
79) Naphthalene	21.394	128	151838	0.615	ppbv	96
80) Naphthalene,2-methyl-	24.397	142	42375m	0.701	ppbv	
81) 1,2,4-Trichlorobenzene	21.146	180	84960m	0.527	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

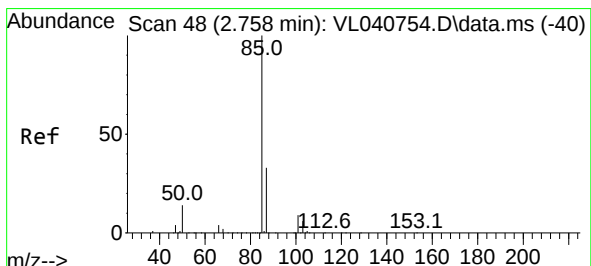
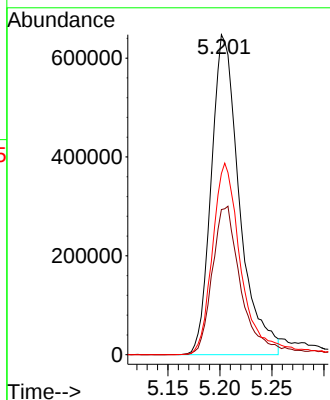
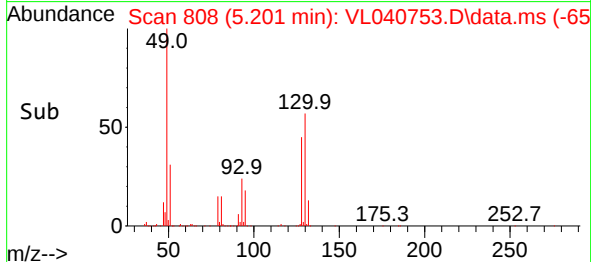
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 122166
Ion Ratio Lower Upper
49 100
128 49.5 23.9 71.7
130 63.7 30.7 92.1

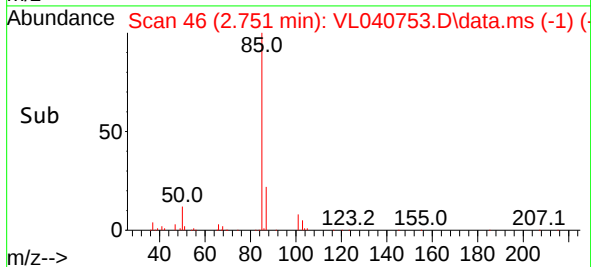
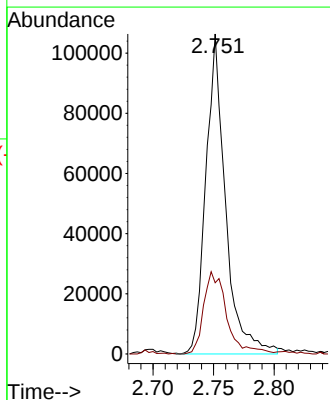
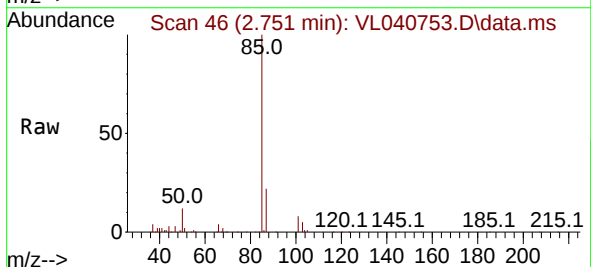
Manual Integrations
APPROVED

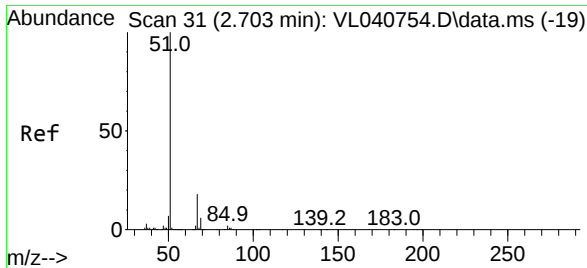
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 0.445 ppbv m
RT: 2.751 min Scan# 46
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 85 Resp: 119795
Ion Ratio Lower Upper
85 100
87 22.2 26.0 39.0#





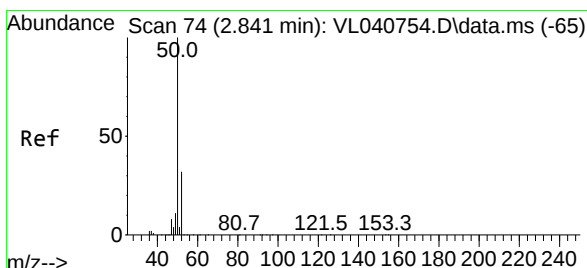
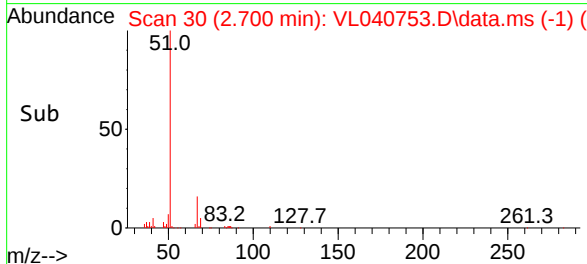
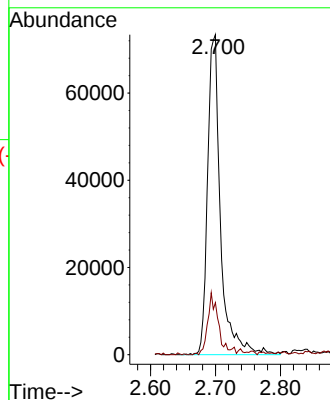
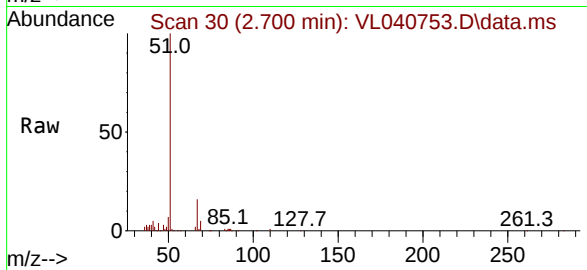
#3
Chlorodifluoromethane
Concen: 0.511 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 10178
Ion Ratio Lower Upper
51 100
67 17.1 13.8 20.6

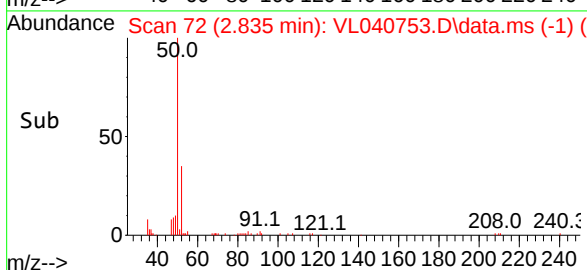
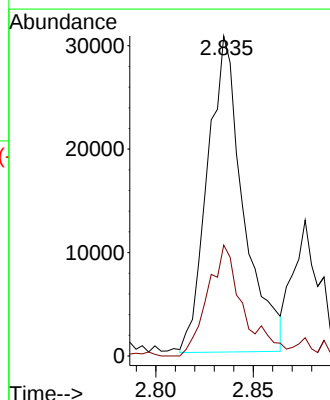
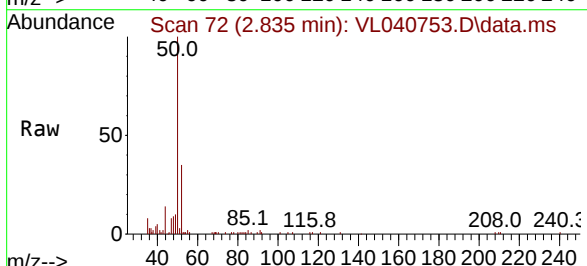
Manual Integrations
APPROVED

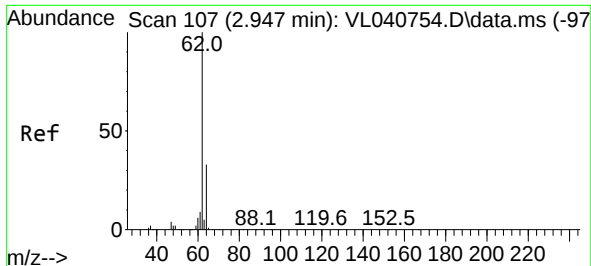
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#4
Chloromethane
Concen: 0.512 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 50 Resp: 39028
Ion Ratio Lower Upper
50 100
52 36.6 25.3 37.9





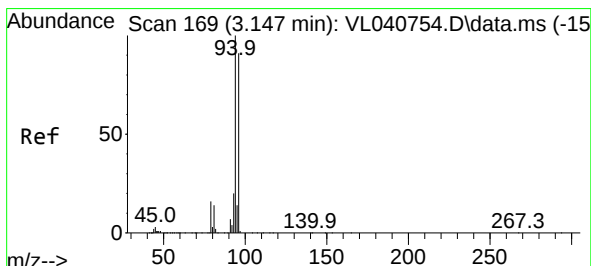
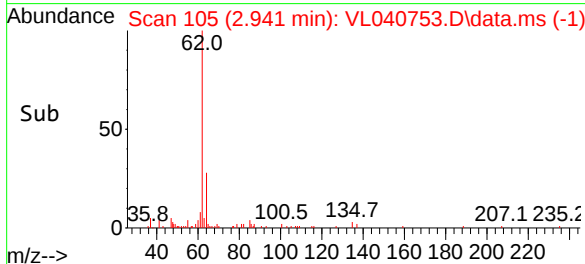
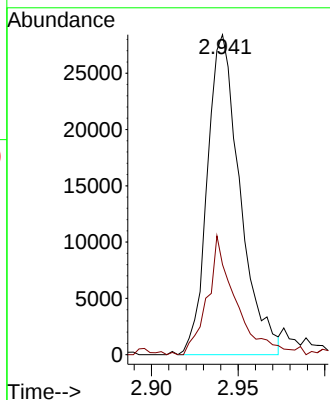
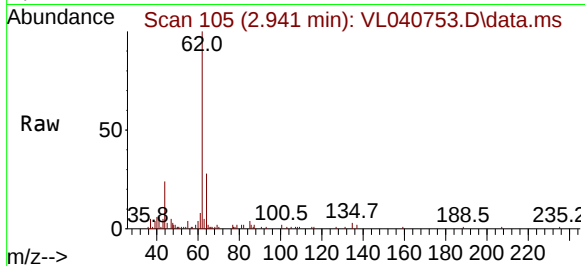
#5
 Vinyl Chloride
 Concen: 0.414 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. -0.006 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 3731
 Ion Ratio Lower Upper
 62 100
 64 28.2 26.6 39.8

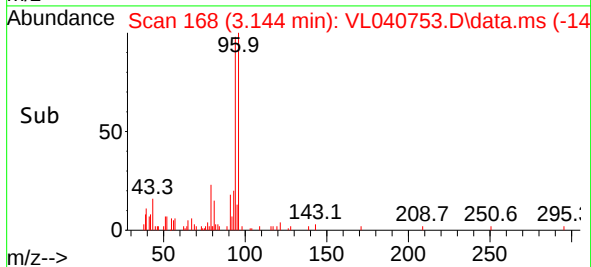
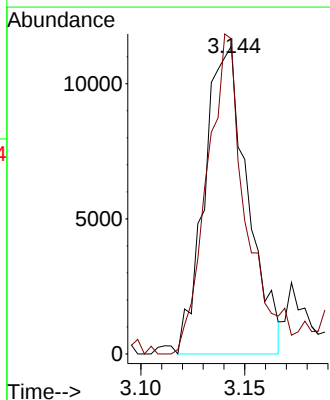
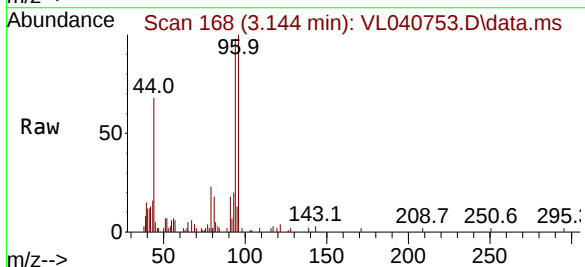
Manual Integrations
 APPROVED

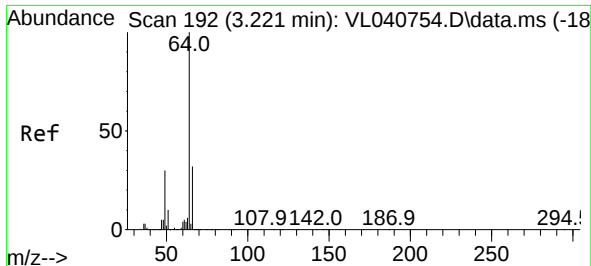
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#6
 Bromomethane
 Concen: 0.377 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

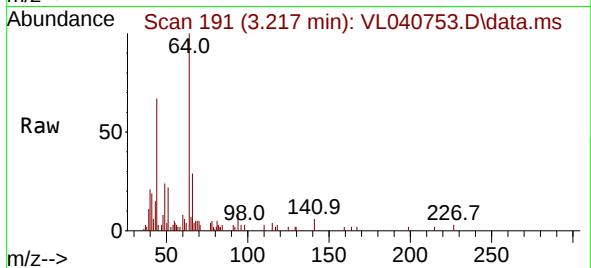
Tgt Ion: 94 Resp: 16400
 Ion Ratio Lower Upper
 94 100
 96 101.0 72.6 109.0





#7
Chloroethane
Concen: 0.418 ppbv
RT: 3.217 min Scan# 192
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

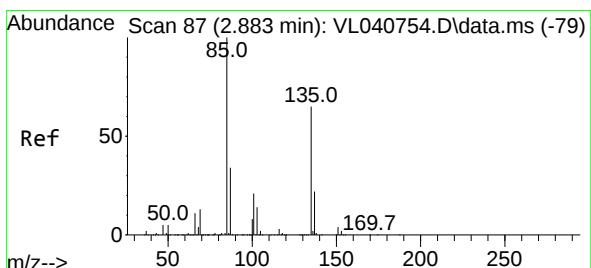
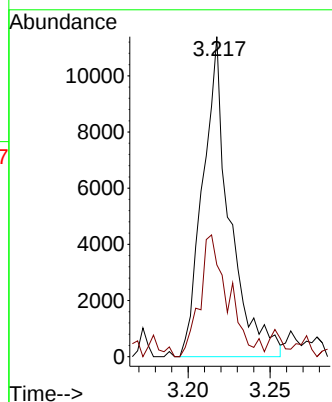
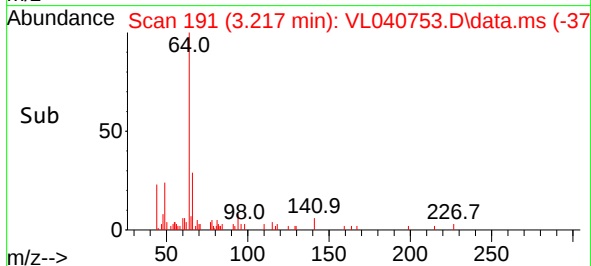
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 1292
Ion Ratio Lower Upper
64 100
66 28.7 25.4 38.2

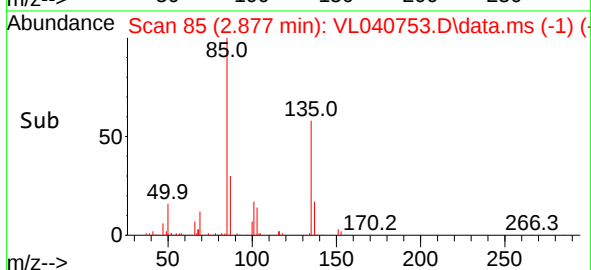
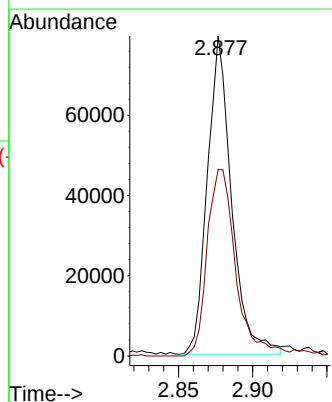
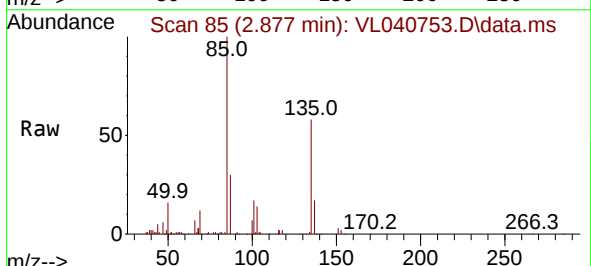
Manual Integrations
APPROVED

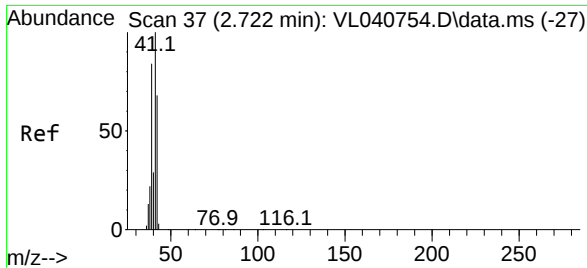
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Dichlorotetrafluoroethane
Concen: 0.405 ppbv
RT: 2.877 min Scan# 85
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 85 Resp: 90081
Ion Ratio Lower Upper
85 100
135 71.5 55.4 83.2





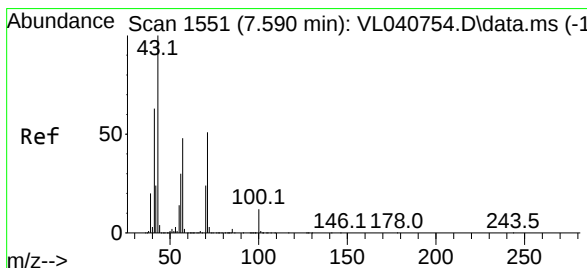
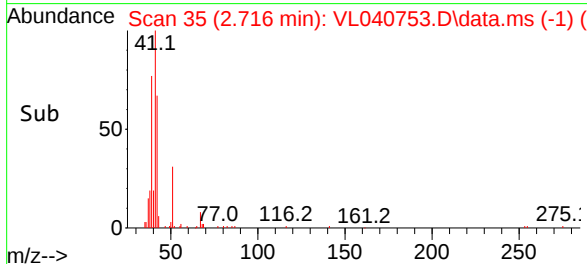
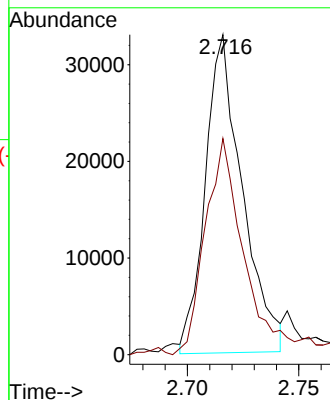
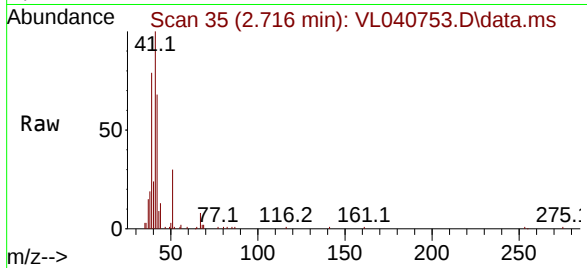
#9
 Propene
 Concen: 0.663 ppbv
 RT: 2.716 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 38019
 Ion Ratio Lower Upper
 41 100
 42 77.7 57.1 85.7

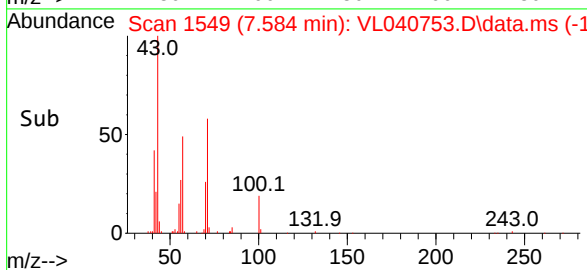
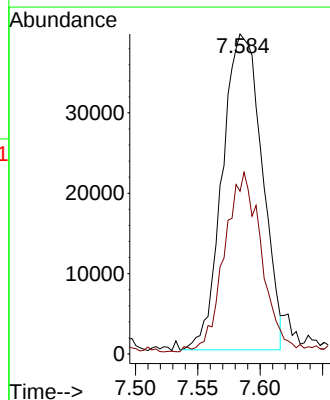
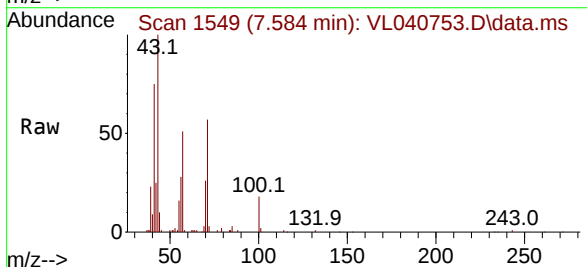
Manual Integrations
 APPROVED

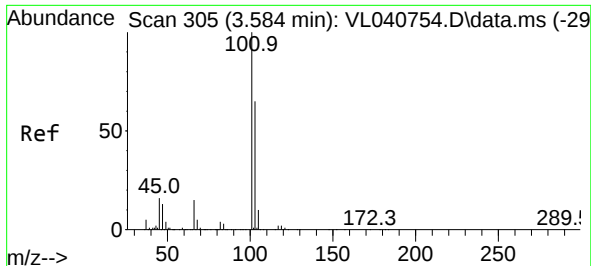
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#10
 Heptane
 Concen: 0.672 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

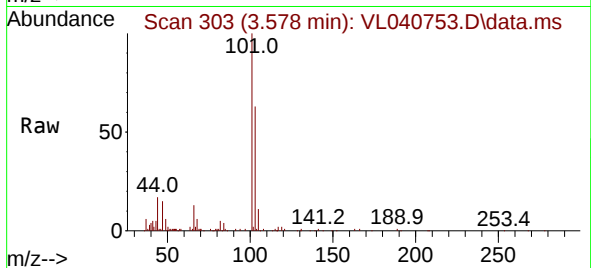
Tgt Ion: 43 Resp: 86821
 Ion Ratio Lower Upper
 43 100
 57 54.8 40.0 60.0





#11
Trichlorofluoromethane
Concen: 0.365 ppbv
RT: 3.578 min Scan# 305
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

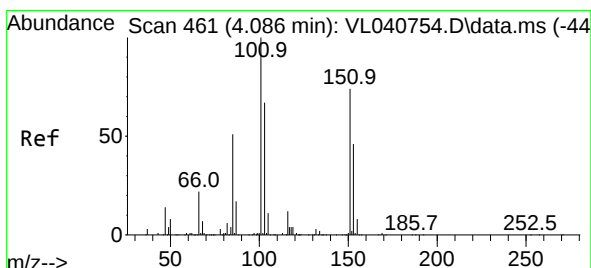
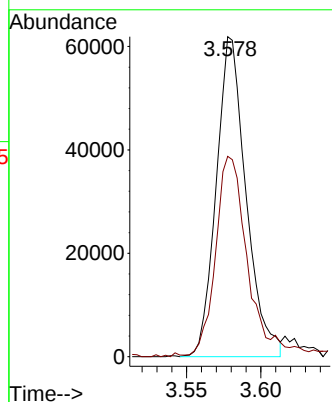
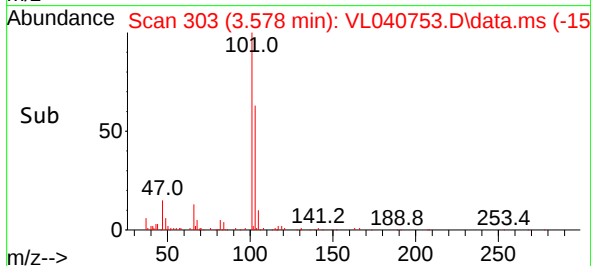
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



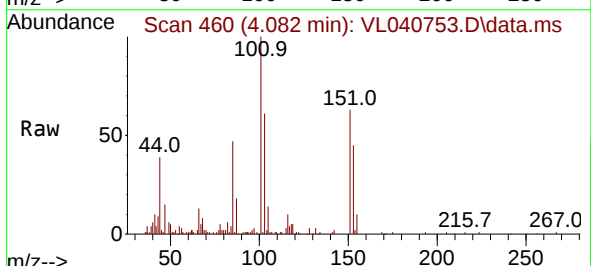
Tgt Ion:101 Resp: 86330
Ion Ratio Lower Upper
101 100
103 62.1 52.2 78.2

Manual Integrations
APPROVED

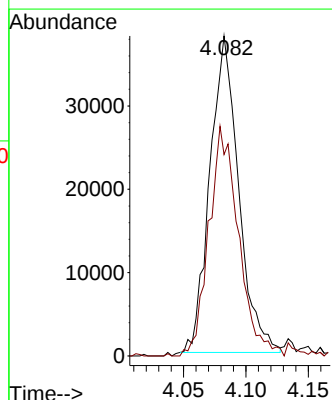
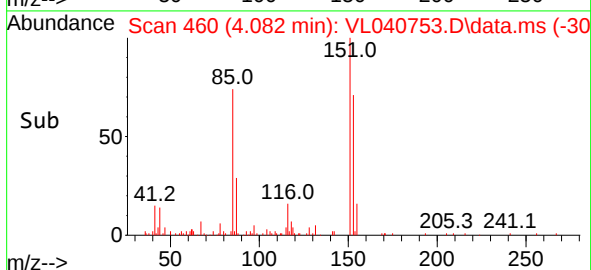
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

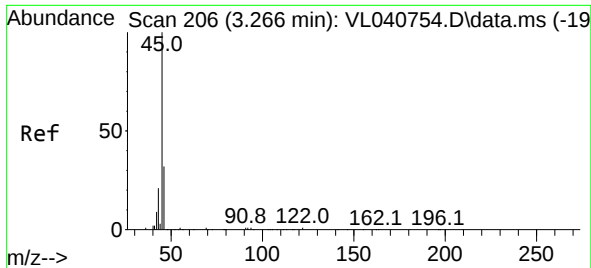


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.361 ppbv
RT: 4.082 min Scan# 460
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



Tgt Ion:101 Resp: 61052
Ion Ratio Lower Upper
101 100
151 74.7 58.1 87.1





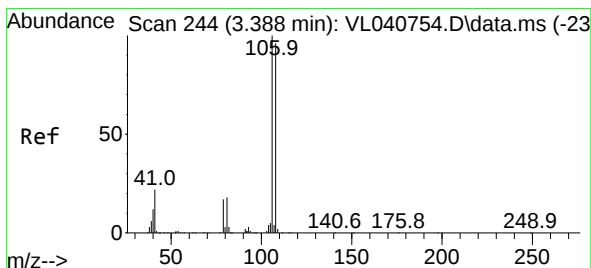
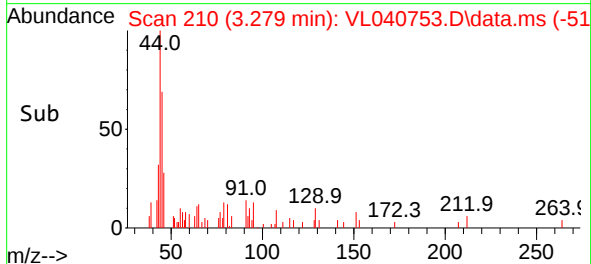
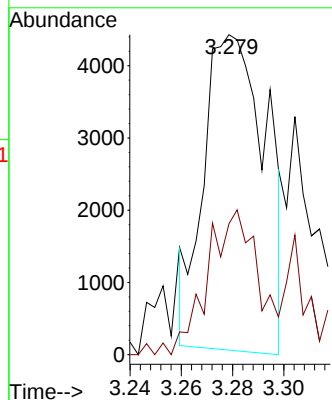
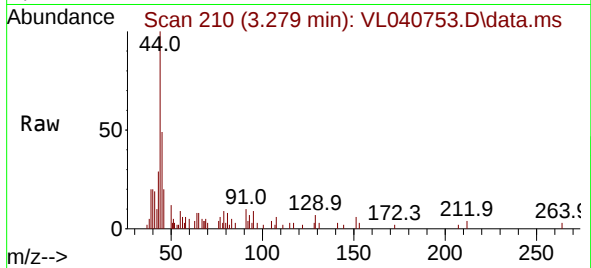
#13
Ethanol
Concen: 0.431 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 731
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

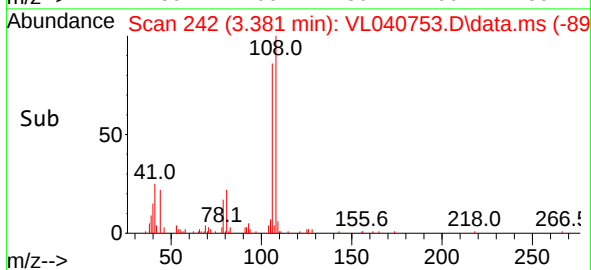
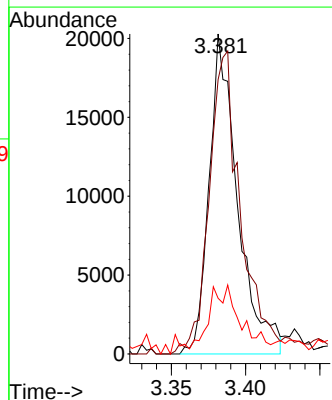
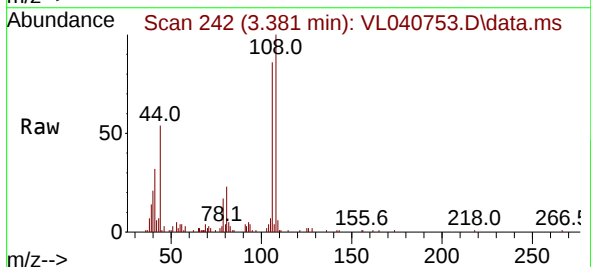
Manual Integrations
APPROVED

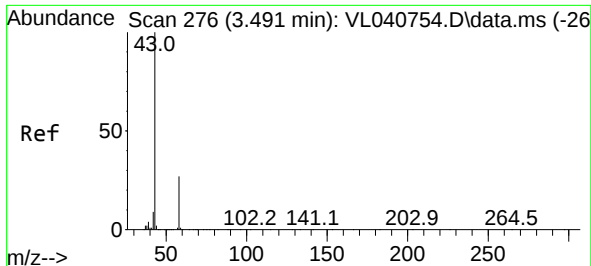
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#14
Bromoethene
Concen: 0.381 ppbv
RT: 3.381 min Scan# 242
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:108 Resp: 27032
Ion Ratio Lower Upper
108 100
106 113.3 85.2 127.8
79 25.6 15.7 23.5





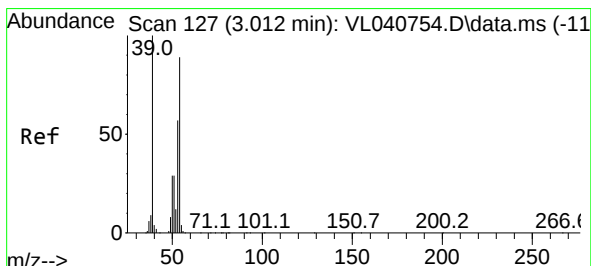
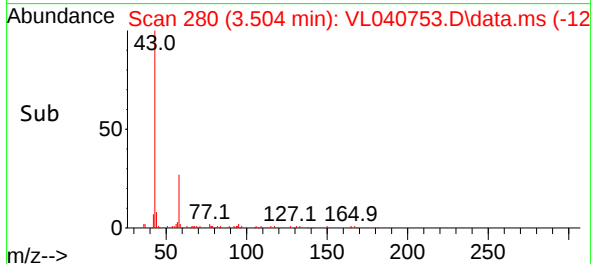
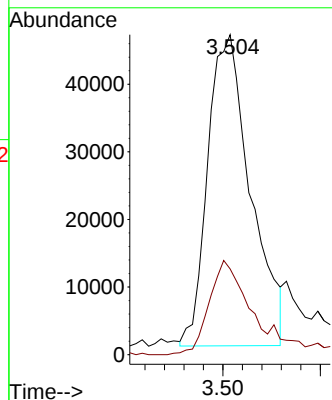
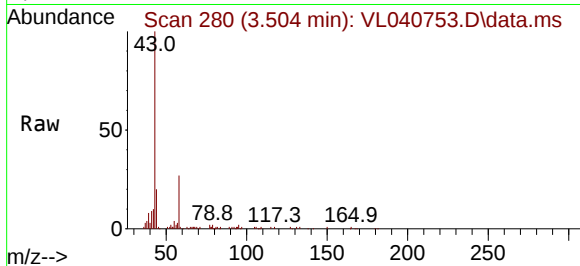
#15
Acetone
Concen: 0.436 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 7018
Ion Ratio Lower Upper
43 100
58 34.7 21.6 32.4

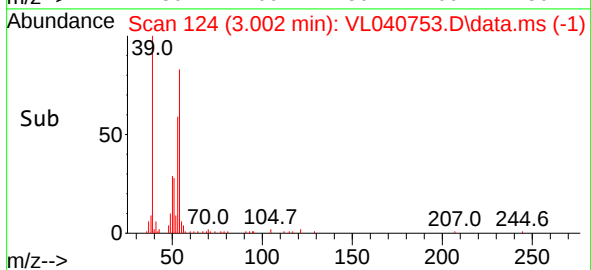
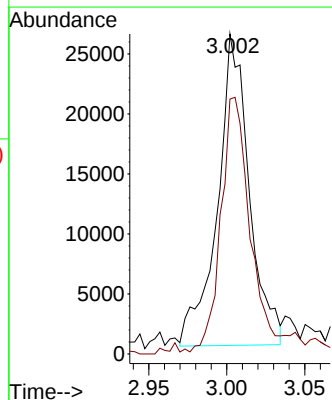
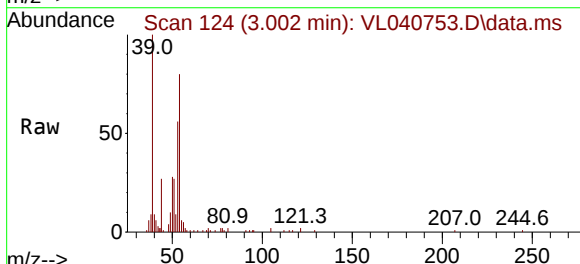
Manual Integrations
APPROVED

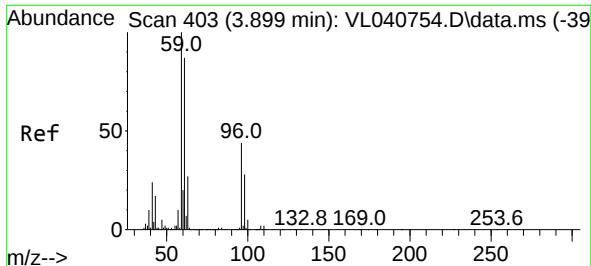
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#16
1,3-Butadiene
Concen: 0.526 ppbv
RT: 3.002 min Scan# 124
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 39 Resp: 36906
Ion Ratio Lower Upper
39 100
54 84.6 63.0 94.6





#17

tert-Butyl alcohol

Concen: 0.468 ppbv m

RT: 3.915 min Scan# 40

Delta R.T. 0.016 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 77320

Ion Ratio Lower Upper

59 100

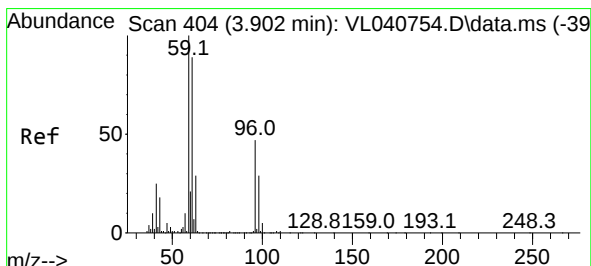
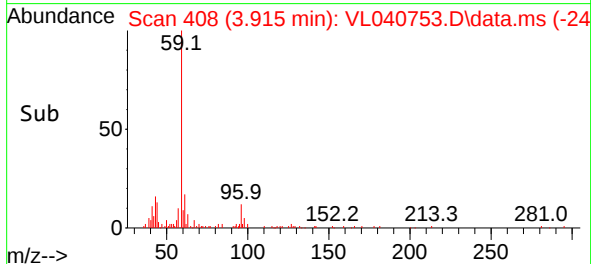
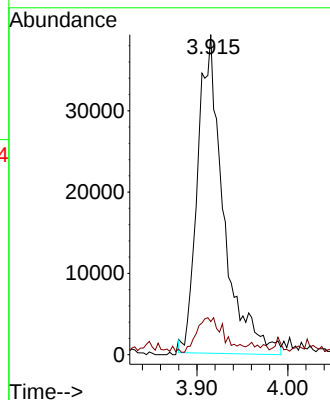
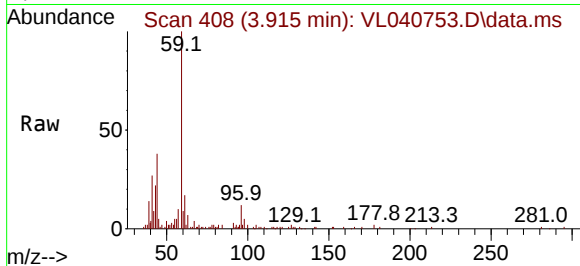
57 0.0 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#18

1,1-Dichloroethene

Concen: 0.360 ppbv

RT: 3.896 min Scan# 402

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

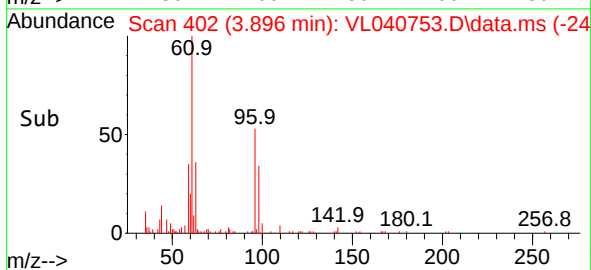
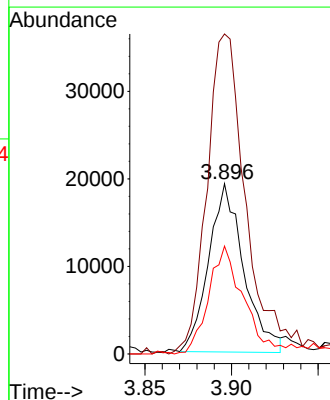
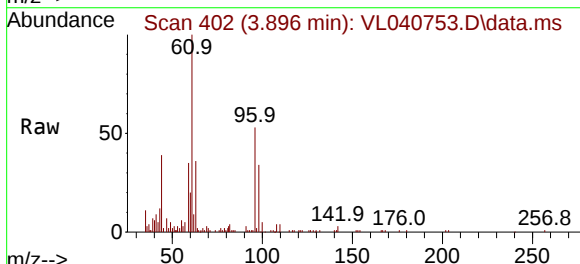
Tgt Ion: 96 Resp: 27096

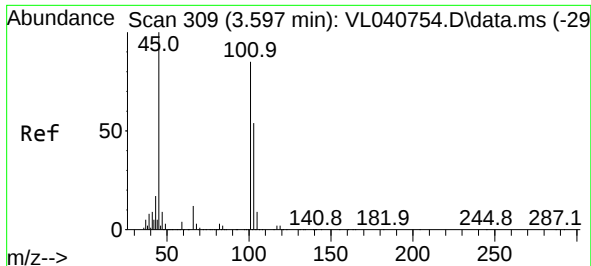
Ion Ratio Lower Upper

96 100

61 185.9 152.5 228.7

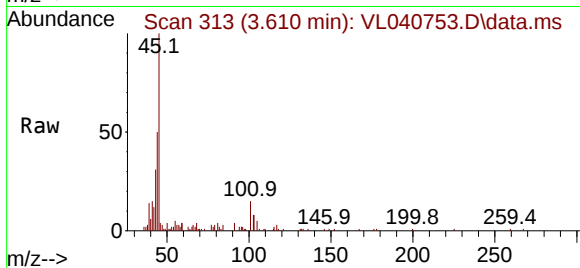
98 63.3 49.6 74.4





#19
Isopropyl Alcohol
Concen: 0.504 ppbv m
RT: 3.610 min Scan# 313
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

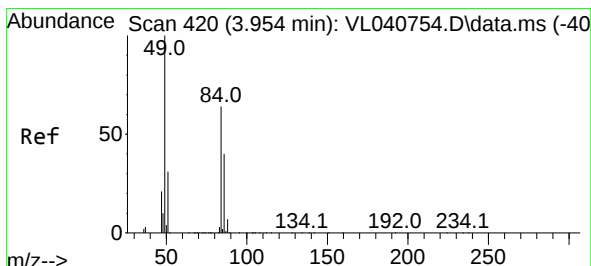
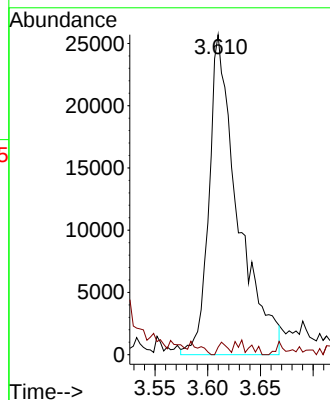
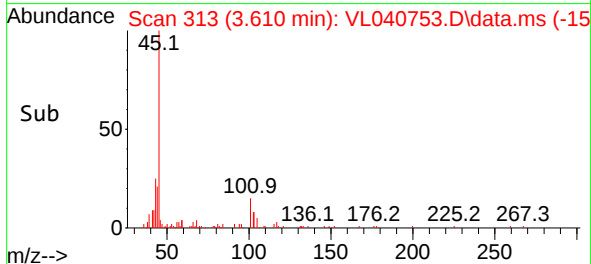
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



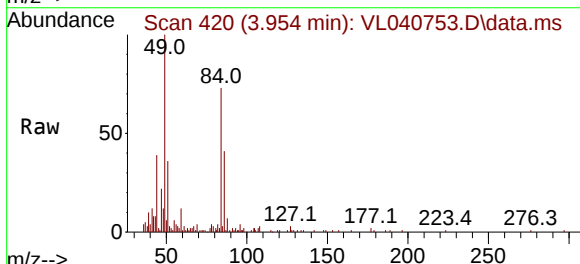
Tgt Ion: 45 Resp: 48938
Ion Ratio Lower Upper
45 100
58 0.0 30.3 45.5

Manual Integrations
APPROVED

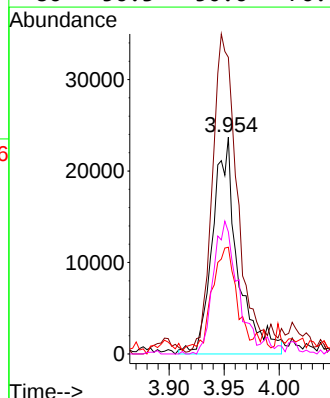
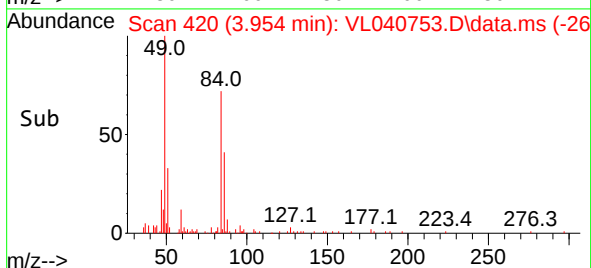
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

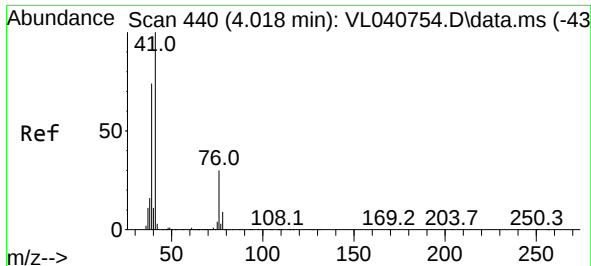


#20
Methylene Chloride
Concen: 0.434 ppbv m
RT: 3.954 min Scan# 420
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



Tgt Ion: 84 Resp: 37622
Ion Ratio Lower Upper
84 100
49 136.8 125.6 188.4
51 49.2 38.9 58.3
86 56.3 50.6 76.0





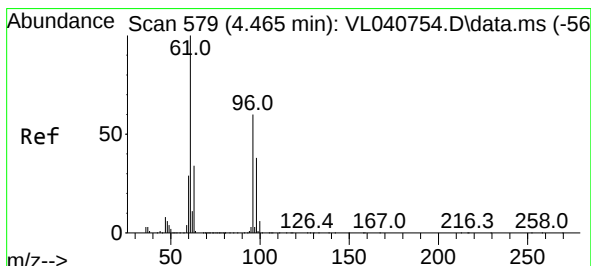
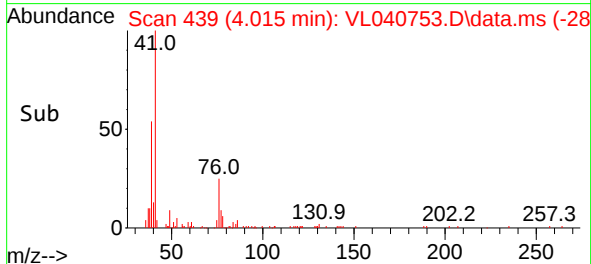
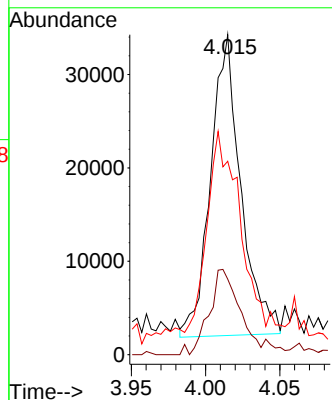
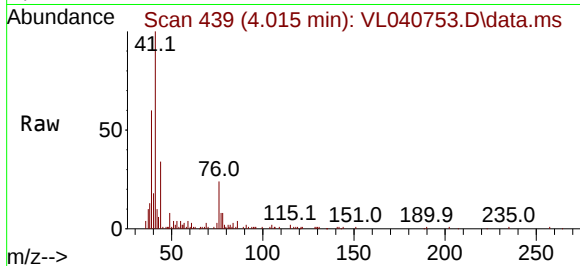
#21
 Allyl Chloride
 Concen: 0.462 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 4558
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.1 36.1
 39 95.5 63.8 95.6

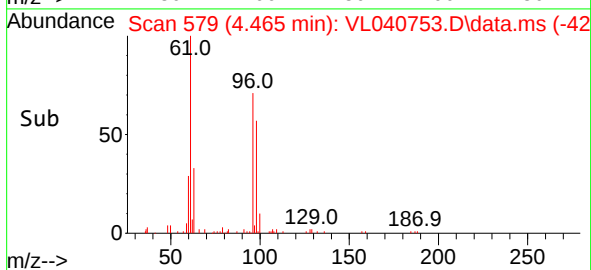
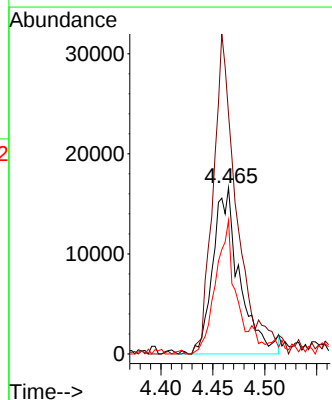
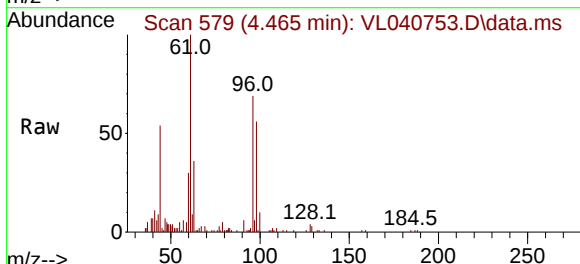
Manual Integrations
 APPROVED

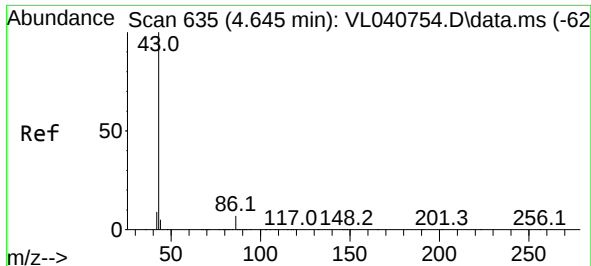
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.399 ppbv m
 RT: 4.465 min Scan# 579
 Delta R.T. -0.000 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 96 Resp: 29672
 Ion Ratio Lower Upper
 96 100
 61 144.3 134.0 201.0
 98 80.3 51.0 76.4#





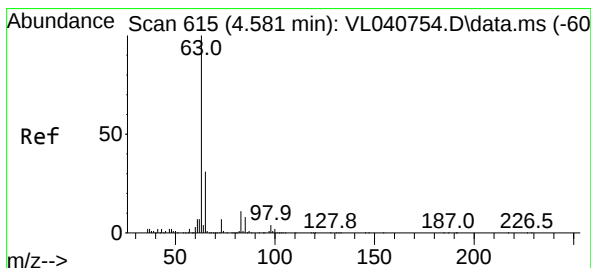
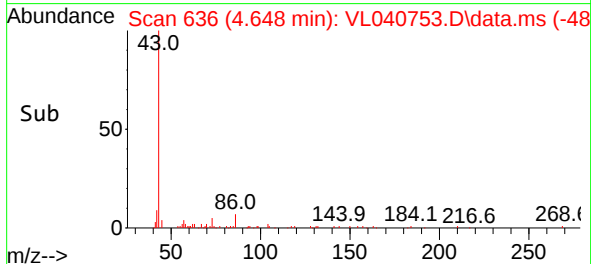
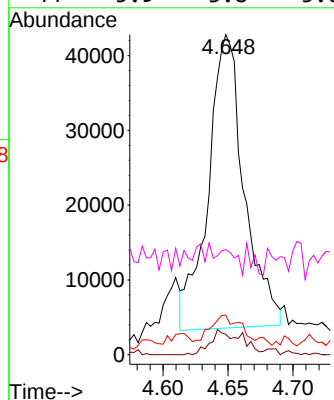
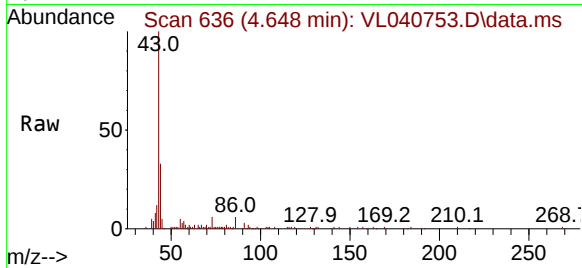
#23
 Vinyl Acetate
 Concen: 0.453 ppbv
 RT: 4.648 min Scan# 613
 Delta R.T. 0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 75464
 Ion Ratio Lower Upper
 43 100
 86 7.5 4.9 7.3
 42 10.9 7.8 11.6
 44 5.9 3.8 5.6#

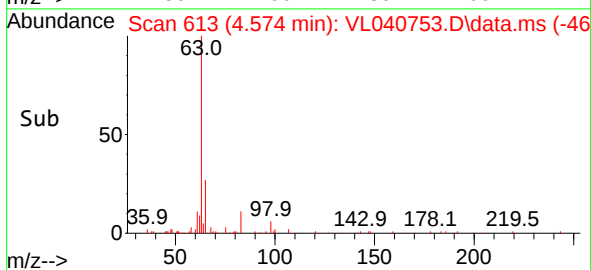
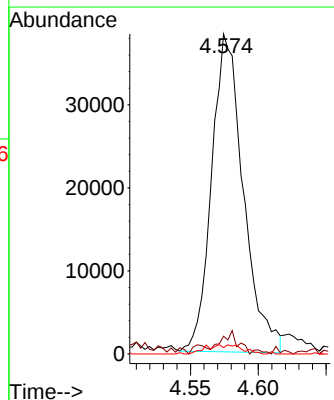
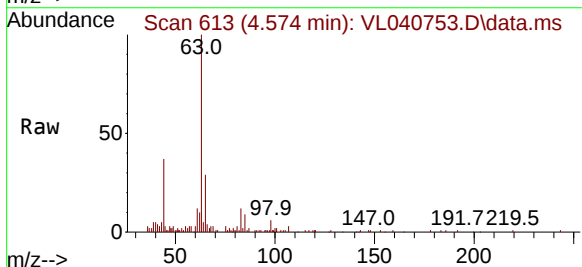
Manual Integrations
 APPROVED

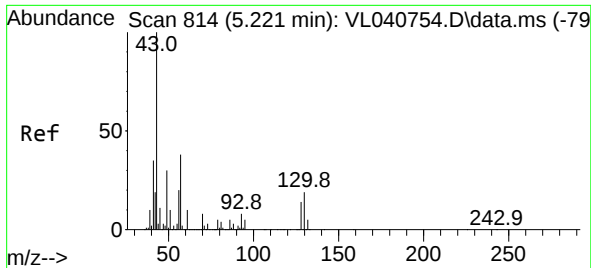
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 0.400 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. -0.006 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 63 Resp: 62416
 Ion Ratio Lower Upper
 63 100
 98 5.2 2.0 5.8
 100 2.0 1.3 3.8





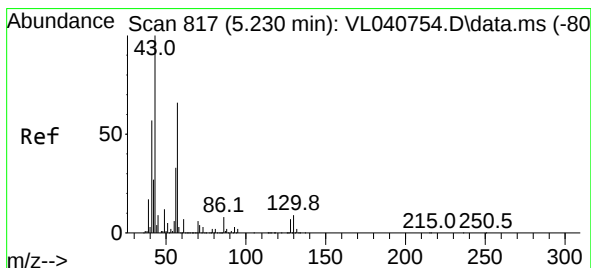
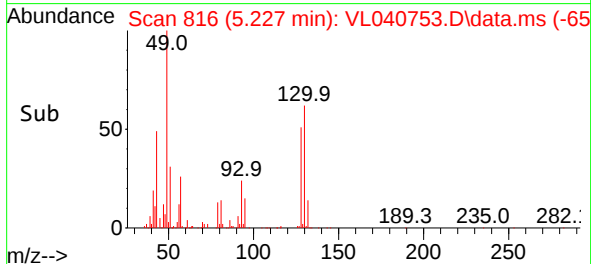
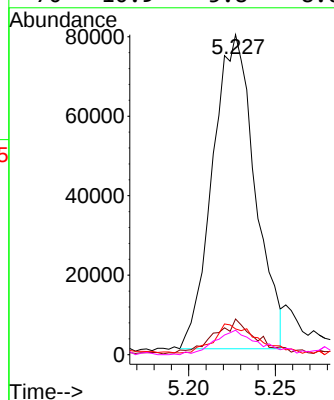
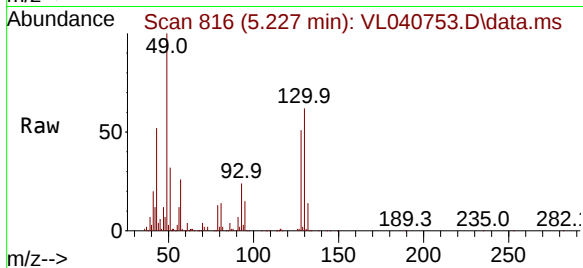
#25
Ethyl Acetate
Concen: 0.518 ppbv
RT: 5.227 min Scan# 814
Delta R.T. 0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 13451
Ion Ratio Lower Upper
43 100
45 14.7 8.2 12.4
61 9.6 8.2 12.2
70 10.9 5.8 8.6#

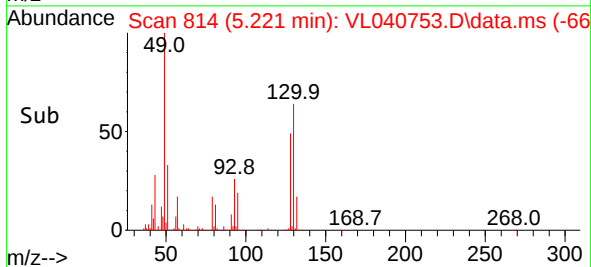
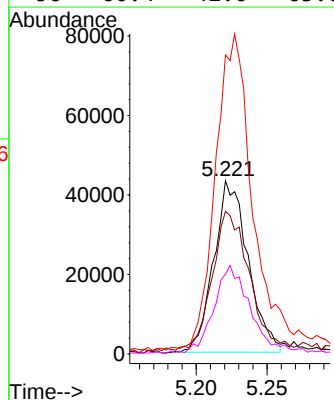
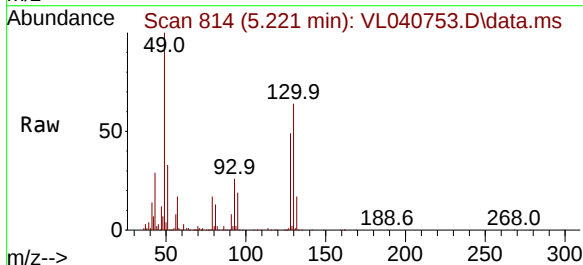
Manual Integrations
APPROVED

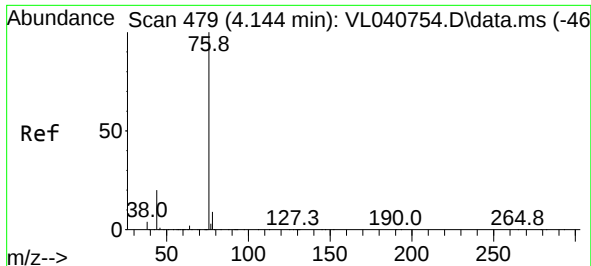
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
Hexane
Concen: 0.591 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

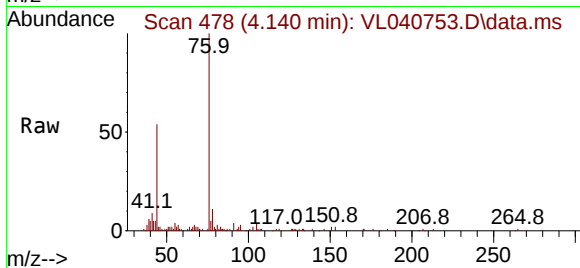
Tgt Ion: 57 Resp: 72581
Ion Ratio Lower Upper
57 100
41 101.0 71.4 107.2
43 214.6 182.3 273.5
56 60.4 42.0 63.0





#27
Carbon Disulfide
Concen: 0.371 ppbv
RT: 4.140 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

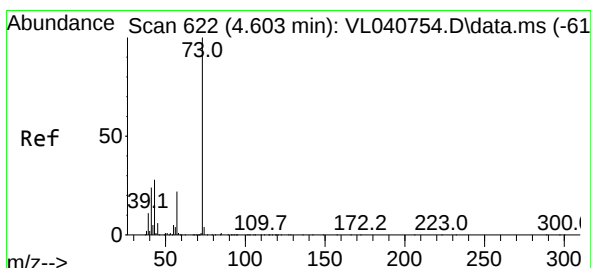
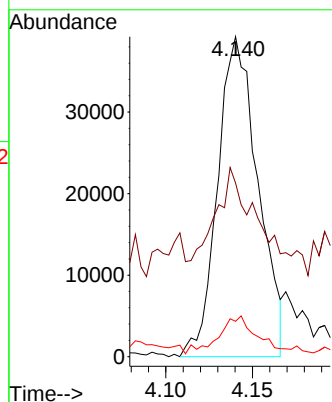
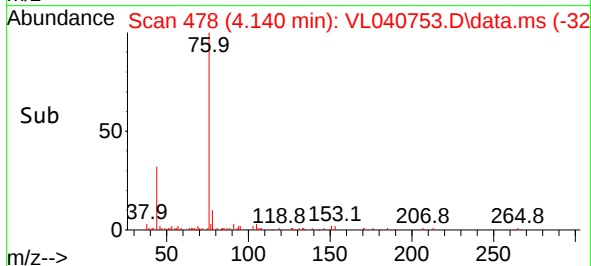
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



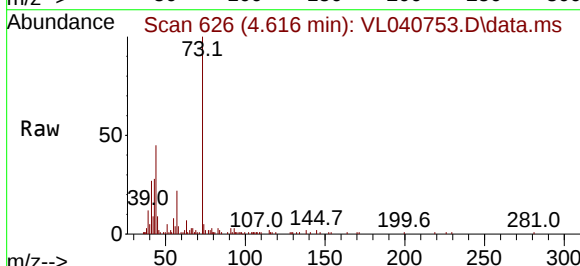
Tgt Ion: 76 Resp: 6353
Ion Ratio Lower Upper
76 100
44 35.0 16.6 25.0
78 12.2 7.8 11.6

Manual Integrations
APPROVED

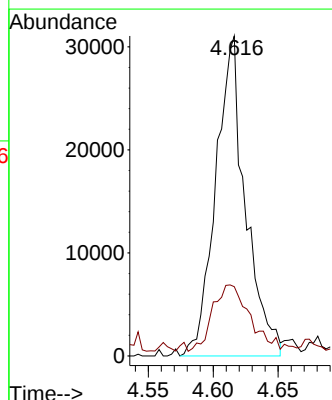
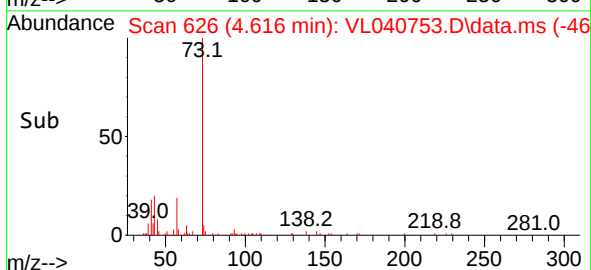
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

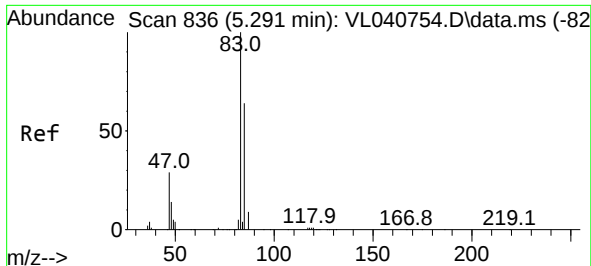


#28
Methyl tert-Butyl Ether
Concen: 0.468 ppbv
RT: 4.616 min Scan# 626
Delta R.T. 0.013 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



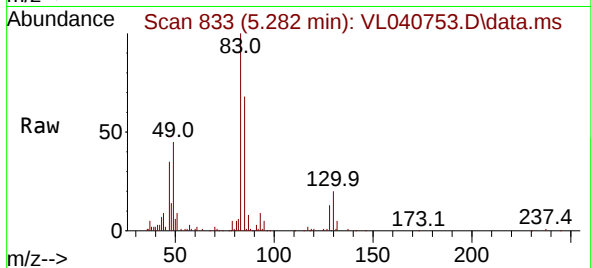
Tgt Ion: 73 Resp: 49508
Ion Ratio Lower Upper
73 100
57 28.3 18.9 28.3





#29
Chloroform
Concen: 0.414 ppbv
RT: 5.282 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

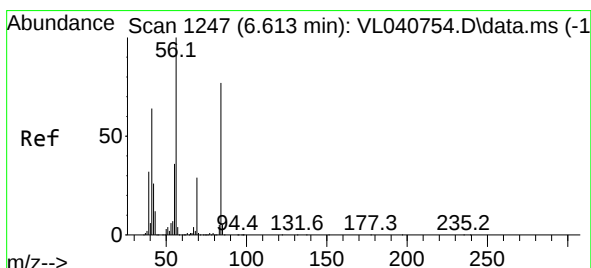
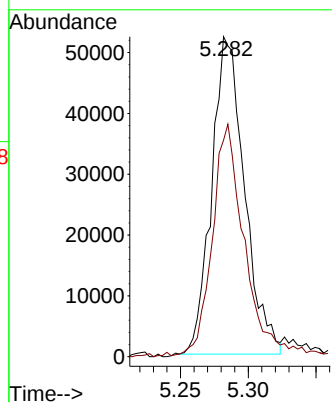
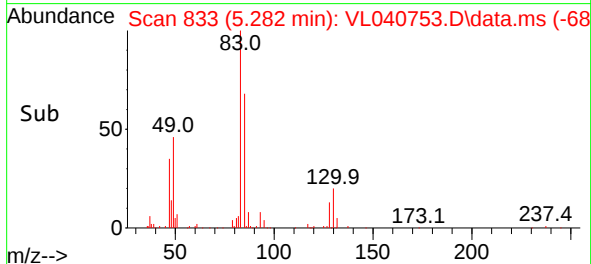
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 83 Resp: 8778
Ion Ratio Lower Upper
83 100
85 67.3 51.3 76.9

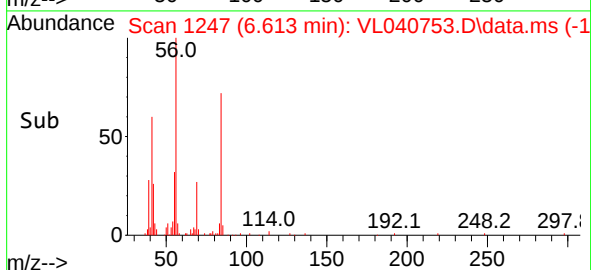
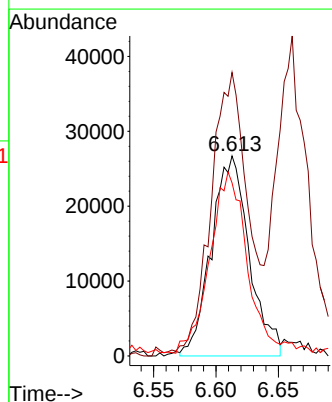
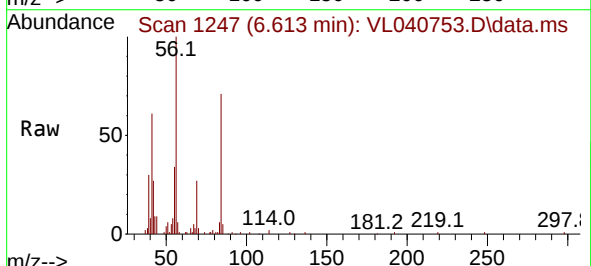
Manual Integrations
APPROVED

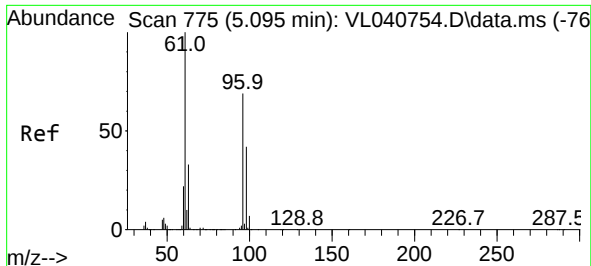
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#30
Cyclohexane
Concen: 0.610 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

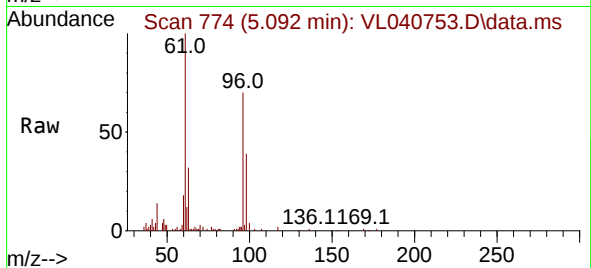
Tgt Ion: 84 Resp: 56494
Ion Ratio Lower Upper
84 100
56 136.8 110.3 165.5
41 94.1 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 0.518 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

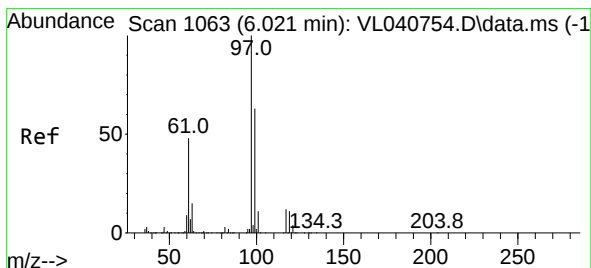
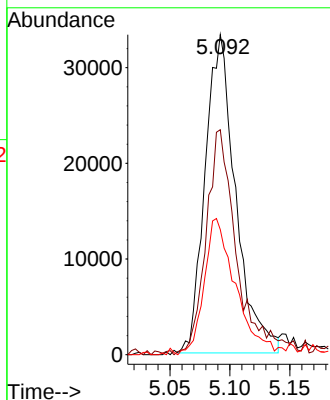
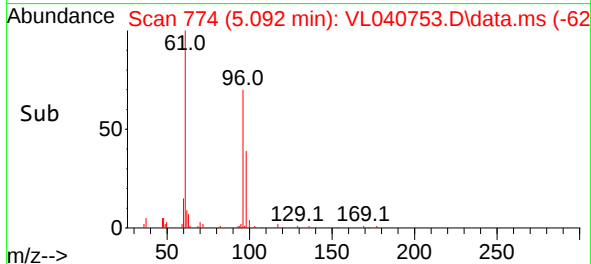
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 61 Resp: 59020
 Ion Ratio Lower Upper
 61 100
 96 69.7 55.1 82.7
 98 39.3 33.5 50.3

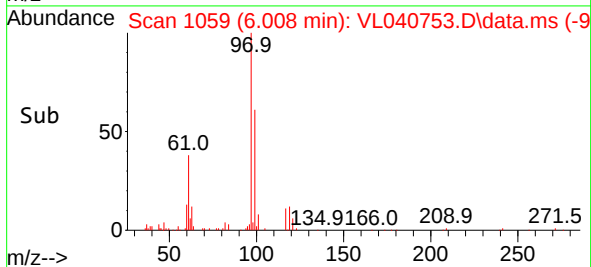
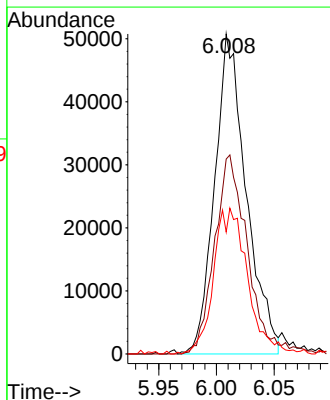
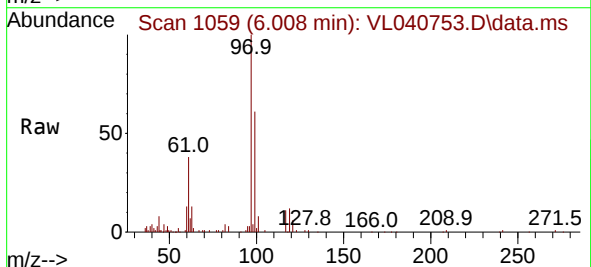
Manual Integrations
 APPROVED

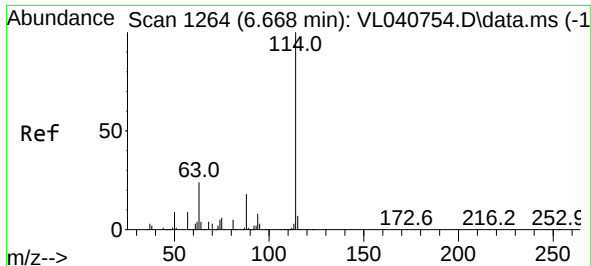
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.444 ppbv
 RT: 6.008 min Scan# 1059
 Delta R.T. -0.013 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

Tgt Ion: 97 Resp: 96417
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.8 77.6
 61 49.9 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 338745

Ion Ratio Lower Upper

114 100

63 24.6 19.8 29.6

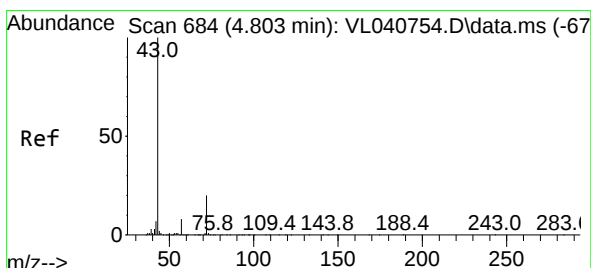
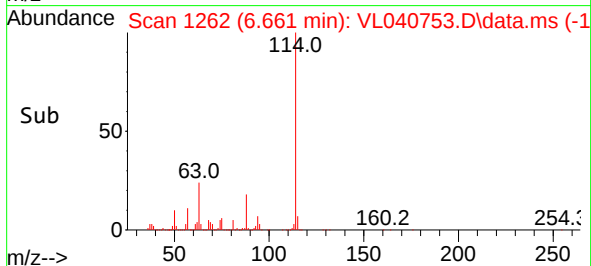
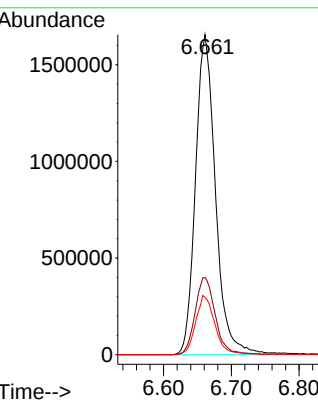
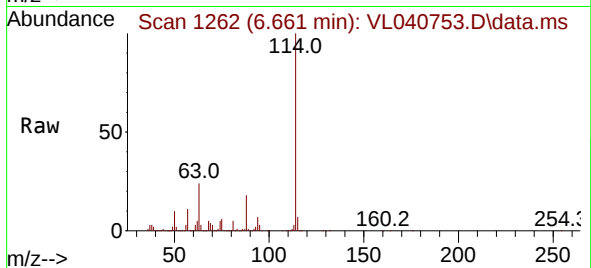
88 18.0 14.2 21.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

2-Butanone

Concen: 0.410 ppbv

RT: 4.815 min Scan# 688

Delta R.T. 0.013 min

Lab File: VL040753.D

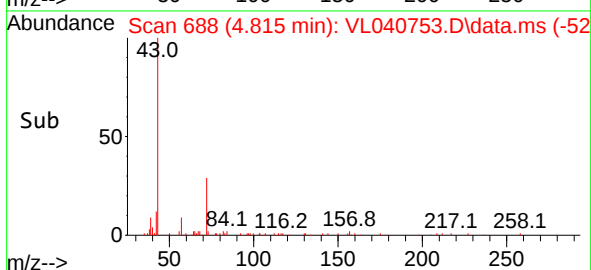
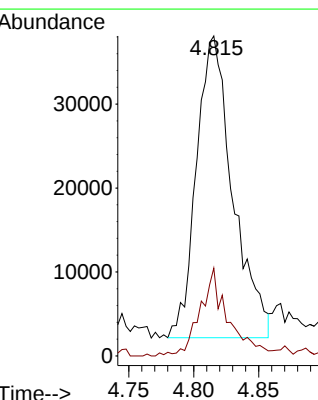
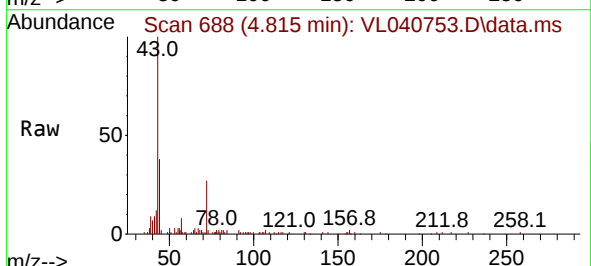
Acq: 11 Oct 2023 11:21

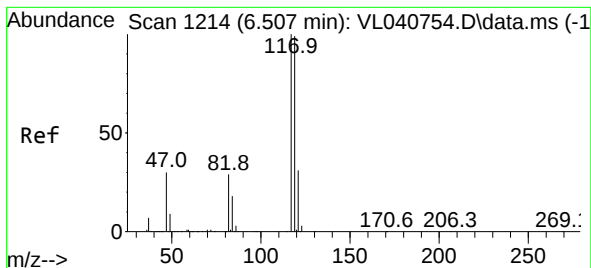
Tgt Ion: 43 Resp: 69843

Ion Ratio Lower Upper

43 100

72 23.5 16.8 25.2





#35

Carbon Tetrachloride

Concen: 0.415 ppbv

RT: 6.500 min Scan# 117

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

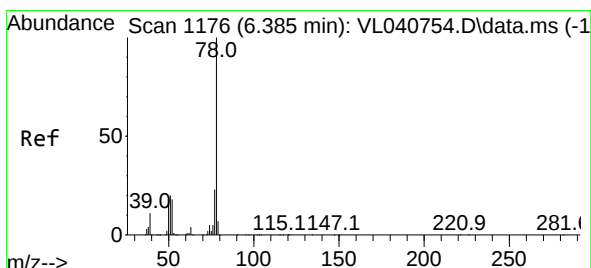
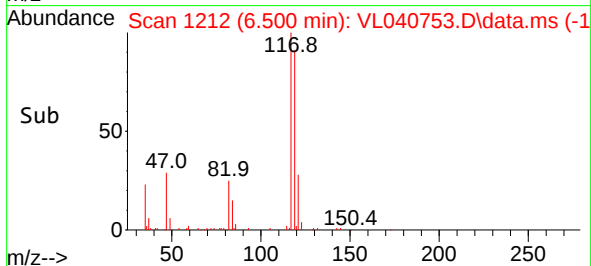
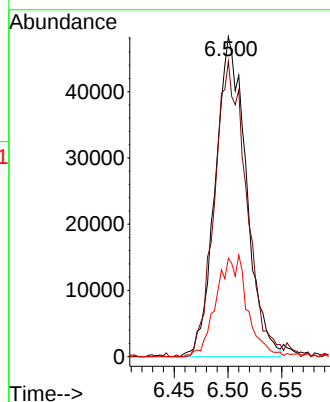
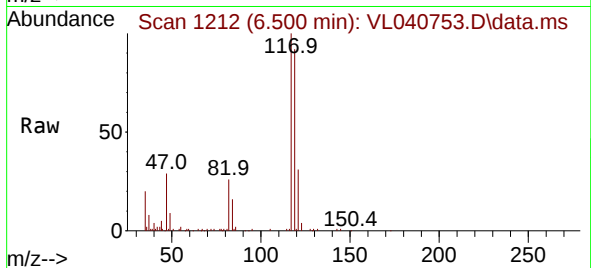
VSTDIC0.5

Tgt Ion:117	Resp:	9656
Ion Ratio	Lower	Upper
117	100	
119	92.3	79.4 119.0
121	30.7	25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#36

Benzene

Concen: 0.555 ppbv

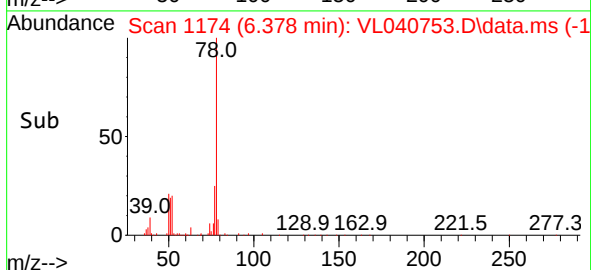
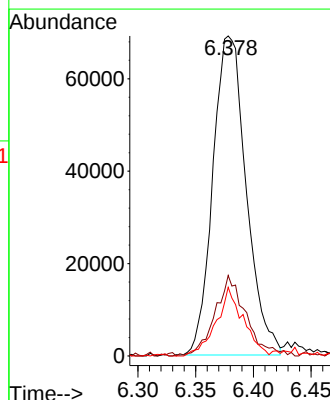
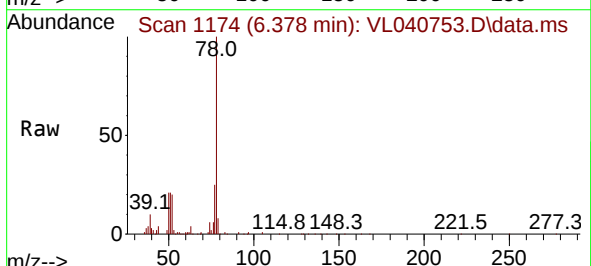
RT: 6.378 min Scan# 1174

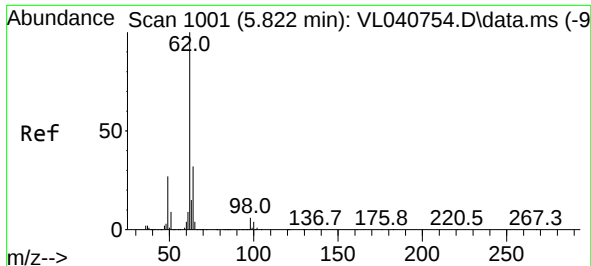
Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Tgt Ion: 78	Resp:	139266
Ion Ratio	Lower	Upper
78	100	
77	24.5	18.4 27.6
50	21.5	15.0 22.4





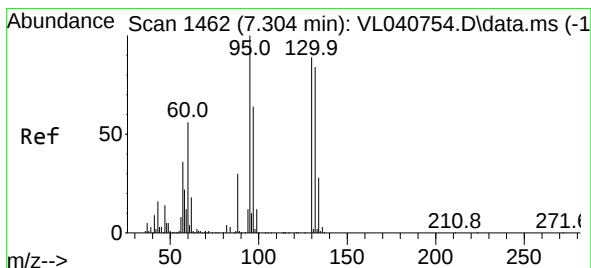
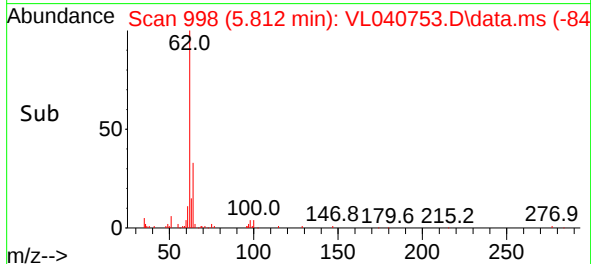
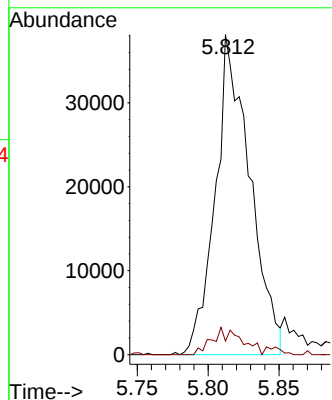
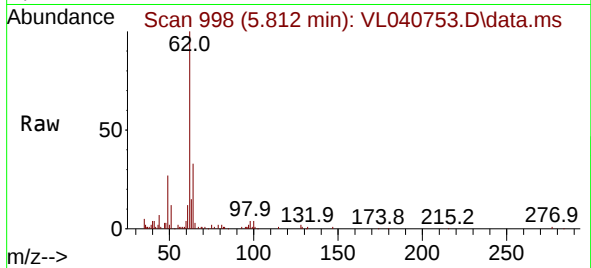
#37
1,2-Dichloroethane
Concen: 0.377 ppbv
RT: 5.812 min Scan# 998
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 6464
Ion Ratio Lower Upper
62 100
98 8.2 5.4 8.0

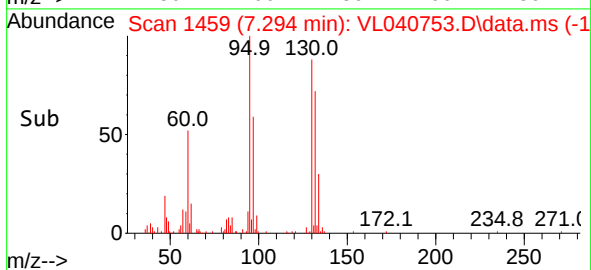
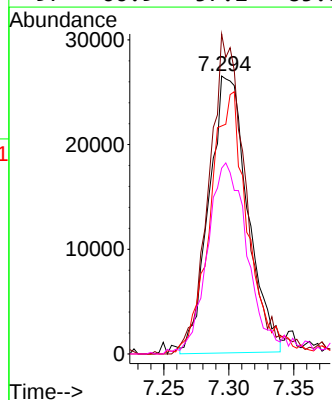
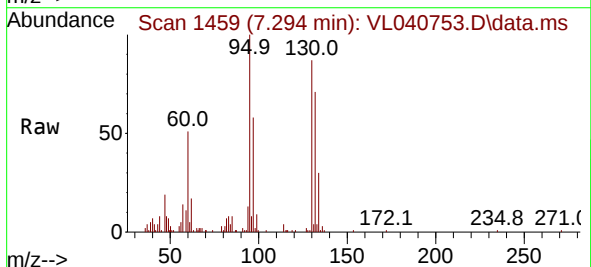
Manual Integrations
APPROVED

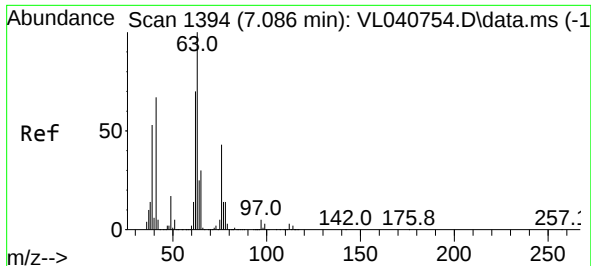
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#38
Trichloroethene
Concen: 0.571 ppbv
RT: 7.294 min Scan# 1459
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:130 Resp: 54632
Ion Ratio Lower Upper
130 100
95 114.5 89.4 134.2
132 80.5 74.8 112.2
97 66.9 57.2 85.8





#39

1,2-Dichloropropane

Concen: 0.556 ppbv

RT: 7.079 min Scan# 1392

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

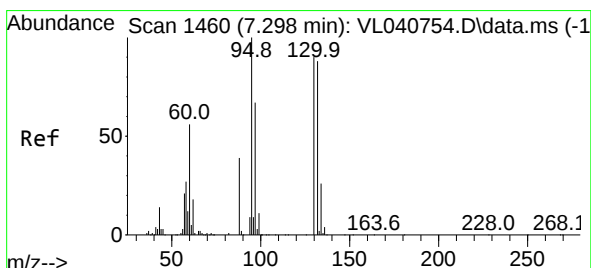
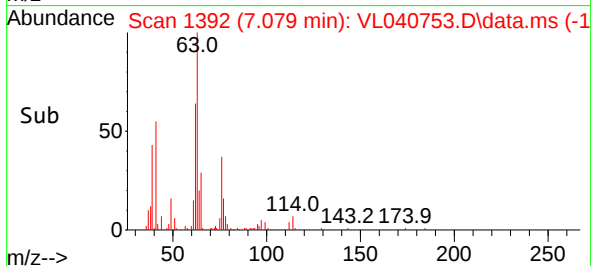
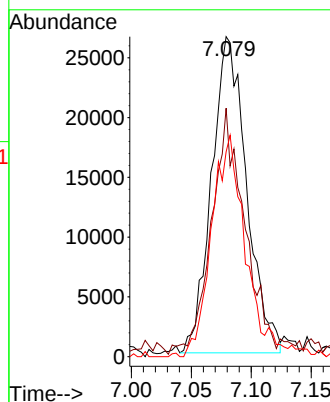
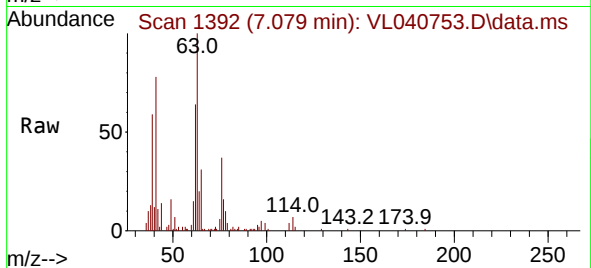
VSTDIC0.5

Tgt Ion: 63	Resp: 53690
Ion Ratio	Lower Upper
63 100	
41 74.9	53.7 80.5
62 64.8	55.7 83.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#40

1,4-Dioxane

Concen: 0.559 ppbv m

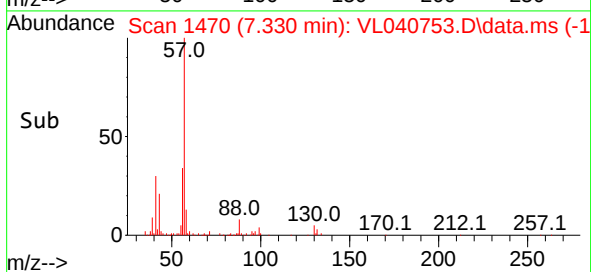
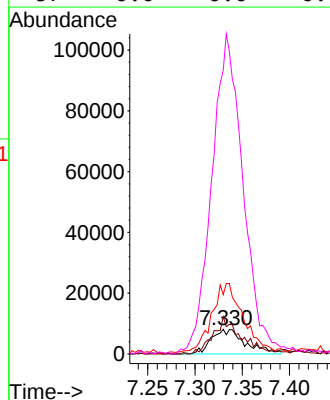
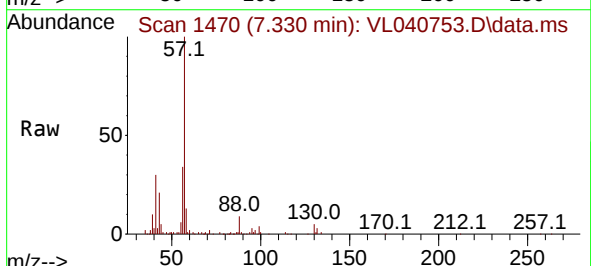
RT: 7.330 min Scan# 1470

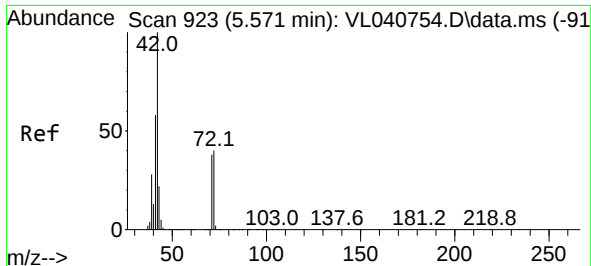
Delta R.T. 0.032 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

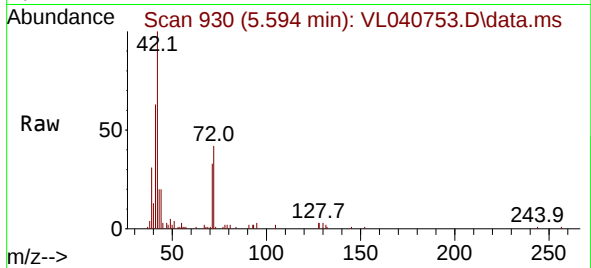
Tgt Ion: 88	Resp: 20388
Ion Ratio	Lower Upper
88 100	
58 0.0	100.0 150.0#
43 0.0	0.0 0.0
57 0.0	0.0 0.0





#41
Tetrahydrofuran
Concen: 0.597 ppbv
RT: 5.594 min Scan# 91
Delta R.T. 0.022 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

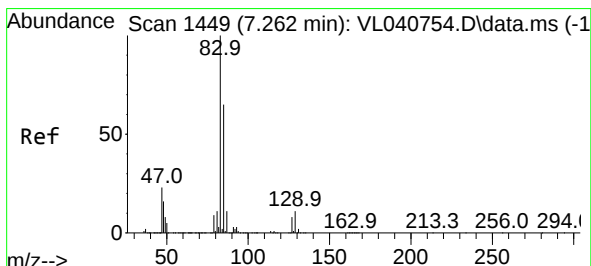
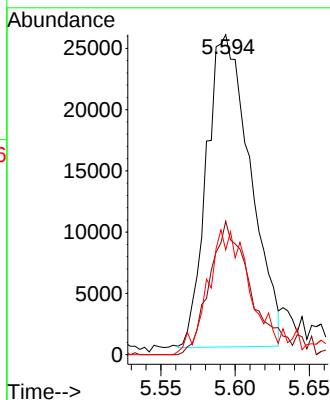
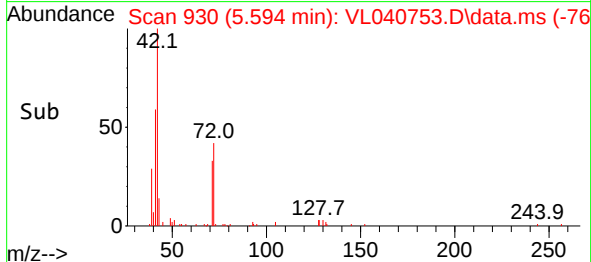
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 5218
Ion Ratio Lower Upper
42 100
72 42.4 31.1 46.7
71 40.9 29.7 44.5

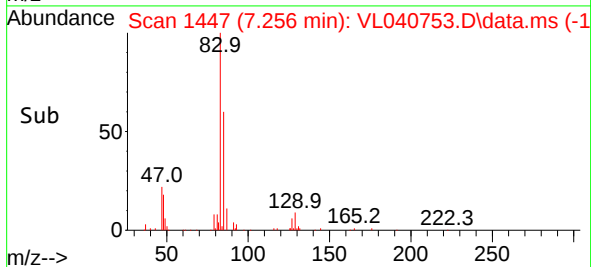
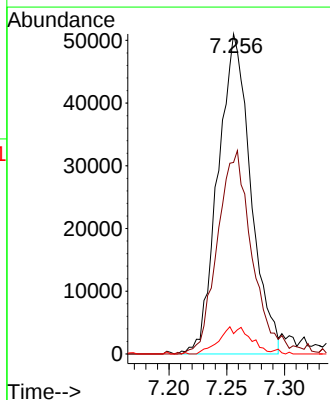
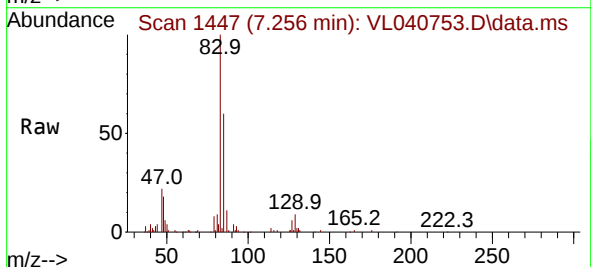
Manual Integrations
APPROVED

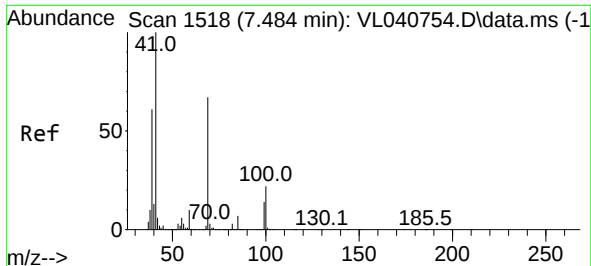
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#42
Bromodichloromethane
Concen: 0.430 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 83 Resp: 100724
Ion Ratio Lower Upper
83 100
85 59.3 52.1 78.1
127 6.4 6.7 10.1#





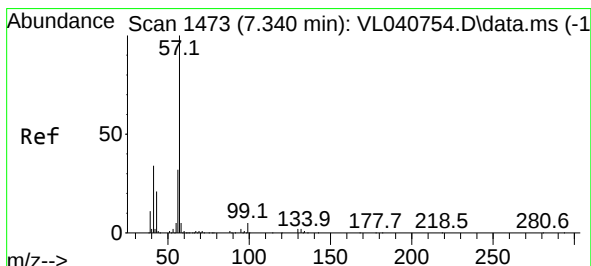
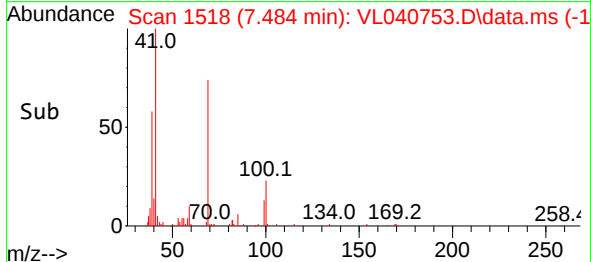
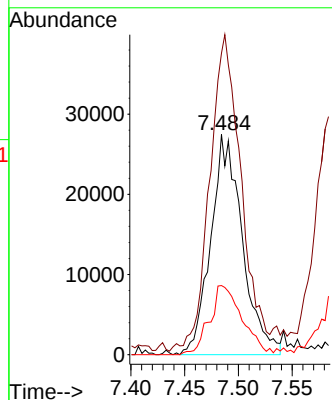
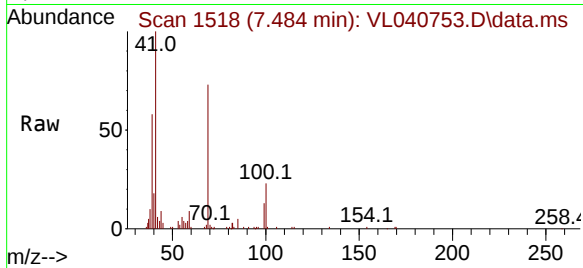
#43
Methyl Methacrylate
Concen: 0.601 ppbv
RT: 7.484 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 5600
Ion Ratio Lower Upper
69 100
41 146.3 120.6 181.0
100 33.2 27.1 40.7

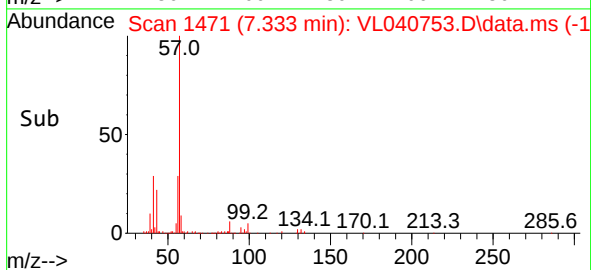
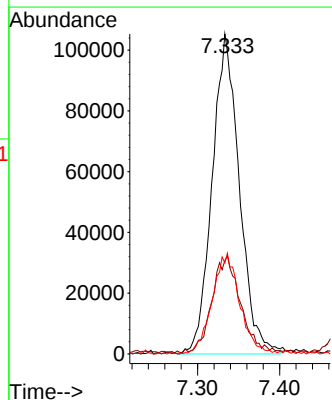
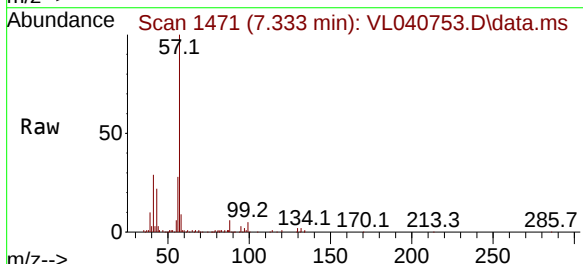
Manual Integrations
APPROVED

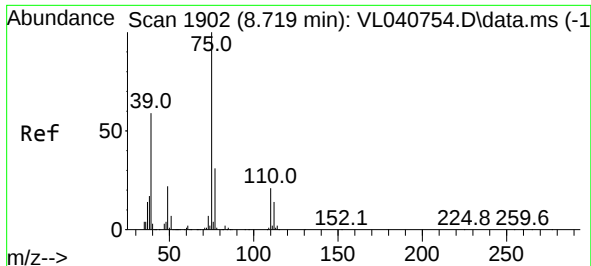
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#44
2,2,4-Trimethylpentane
Concen: 0.608 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 57 Resp: 242973
Ion Ratio Lower Upper
57 100
41 31.5 27.4 41.0
56 32.6 25.0 37.6





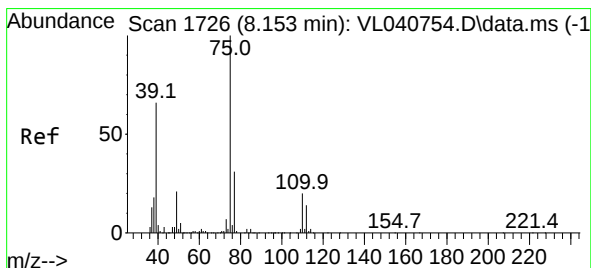
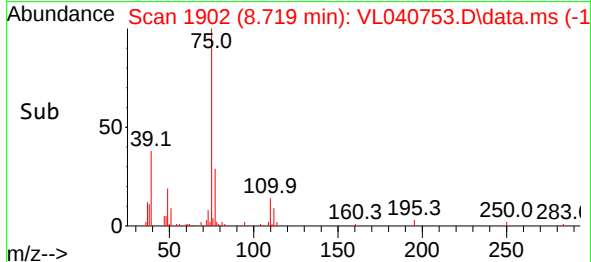
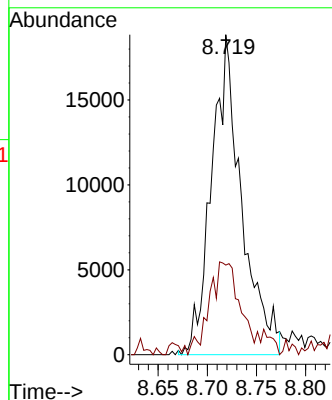
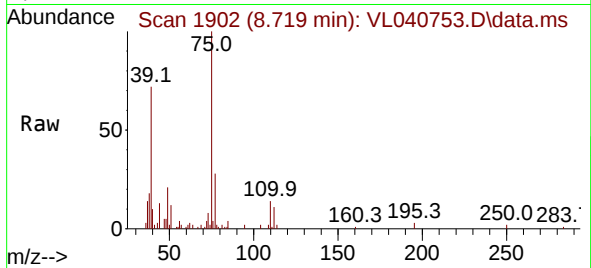
#45
t-1,3-Dichloropropene
Concen: 0.555 ppbv m
RT: 8.719 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 40110
Ion Ratio Lower Upper
75 100
77 28.0 24.9 37.3

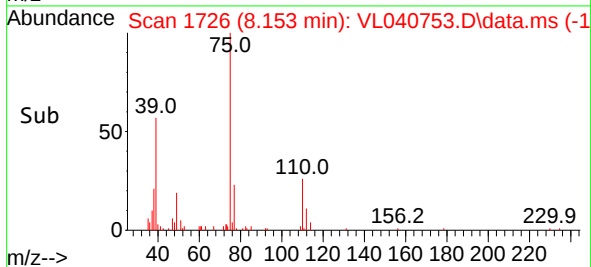
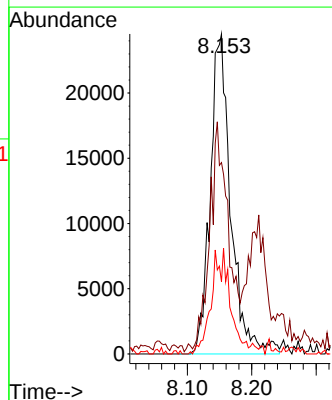
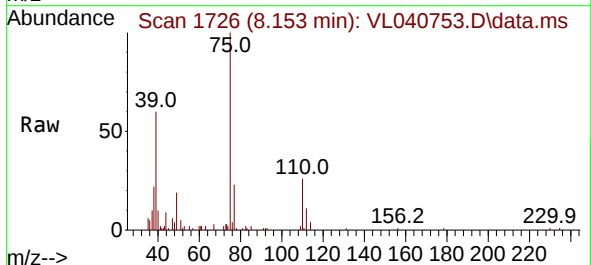
Manual Integrations
APPROVED

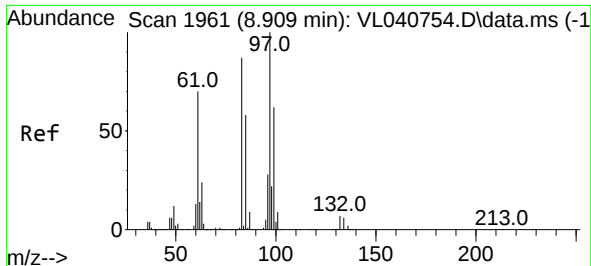
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#46
cis-1,3-Dichloropropene
Concen: 0.614 ppbv m
RT: 8.153 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 75 Resp: 54298
Ion Ratio Lower Upper
75 100
39 59.8 52.4 78.6
77 22.6 25.1 37.7#





#47

1,1,2-Trichloroethane

Concen: 0.502 ppbv

RT: 8.905 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 5558

Ion Ratio Lower Upper

97 100

83 76.3 69.5 104.3

85 52.2 46.6 69.8

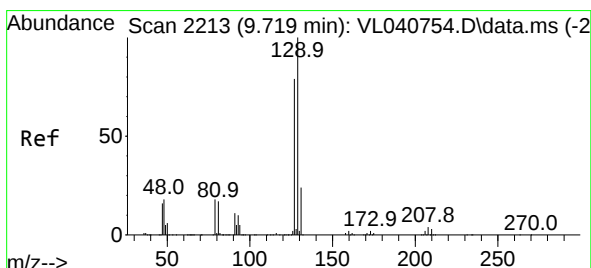
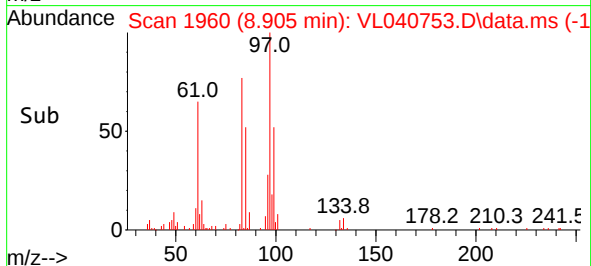
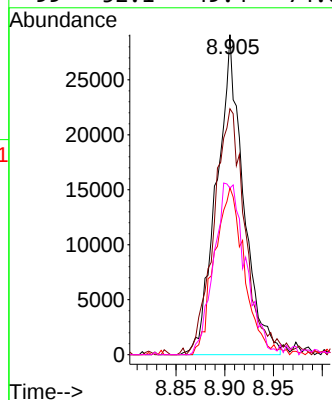
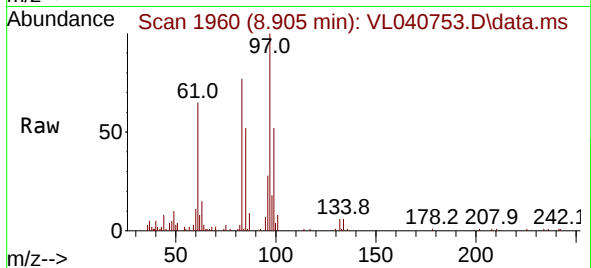
99 52.1 49.4 74.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#48

Dibromochloromethane

Concen: 0.458 ppbv m

RT: 9.719 min Scan# 2213

Delta R.T. -0.000 min

Lab File: VL040753.D

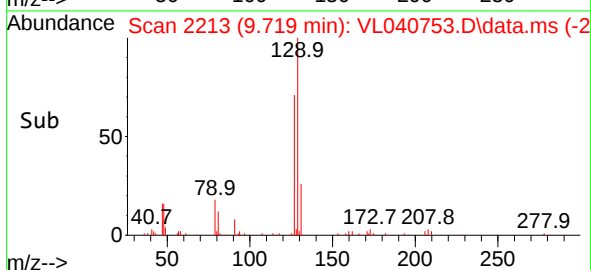
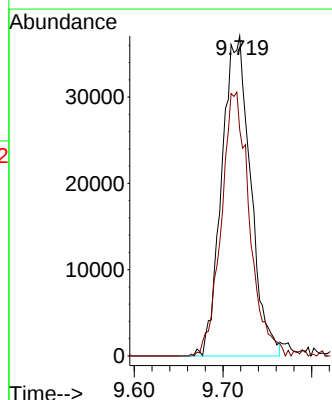
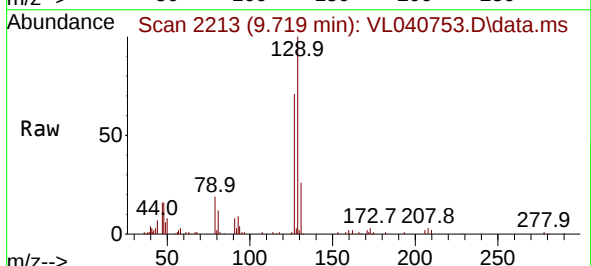
Acq: 11 Oct 2023 11:21

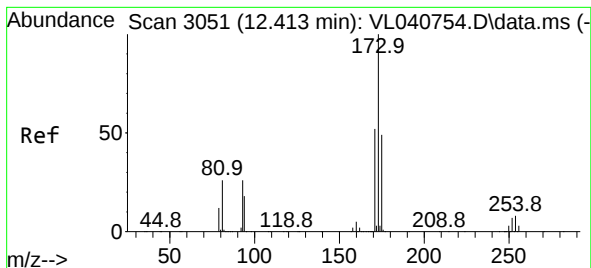
Tgt Ion:129 Resp: 83743

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#





#49

Bromoform

Concen: 0.473 ppbv

RT: 12.407 min Scan# 3051

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

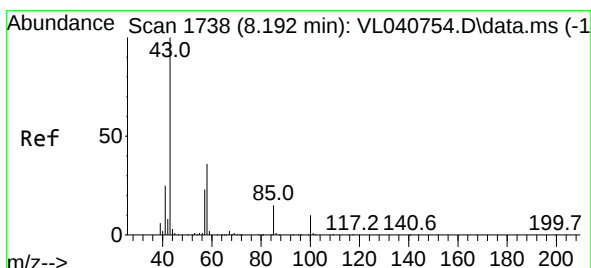
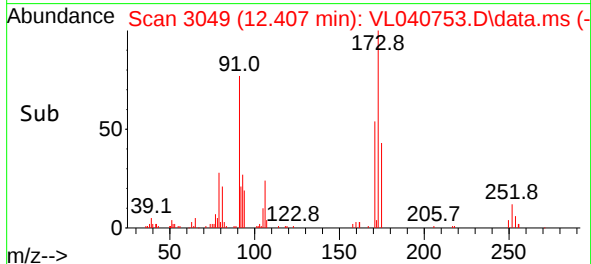
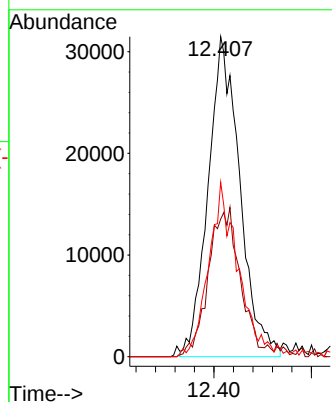
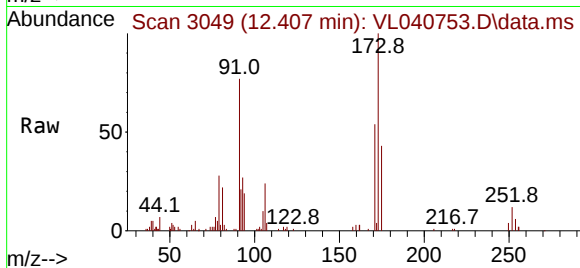
VSTDIC0.5

Tgt Ion:	173	Resp:	7104
Ion Ratio	Lower	Upper	
173	100		
175	47.0	39.2	58.8
171	50.9	42.0	63.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#50

4-Methyl-2-Pentanone

Concen: 0.557 ppbv

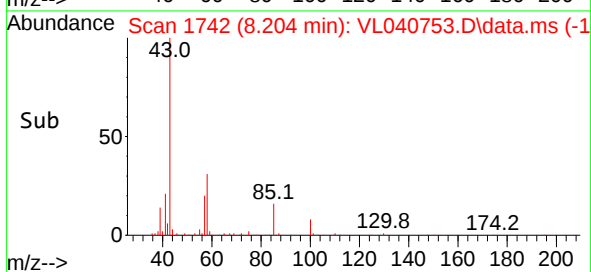
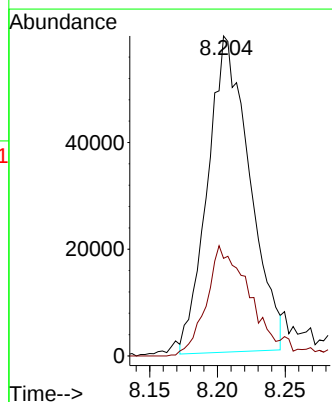
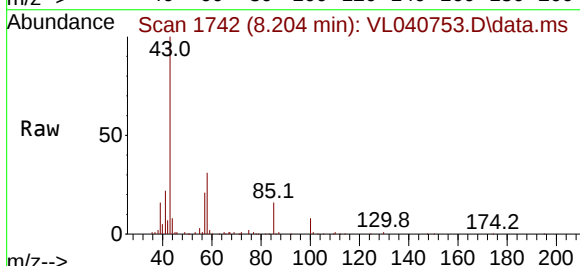
RT: 8.204 min Scan# 1742

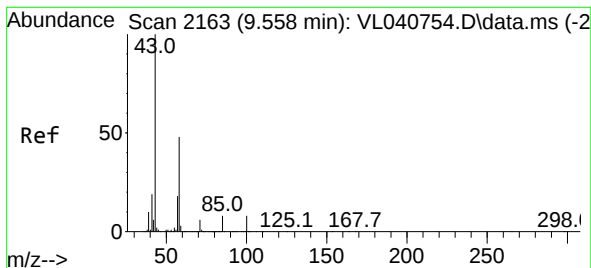
Delta R.T. 0.013 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Tgt Ion:	43	Resp:	128181
Ion Ratio	Lower	Upper	
43	100		
58	38.2	28.8	43.2





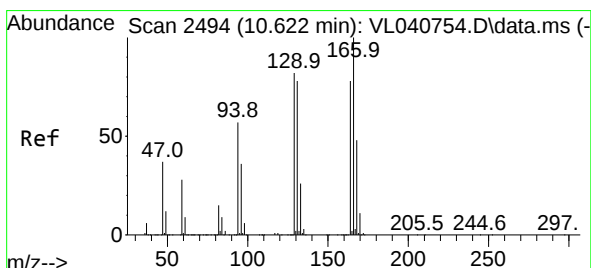
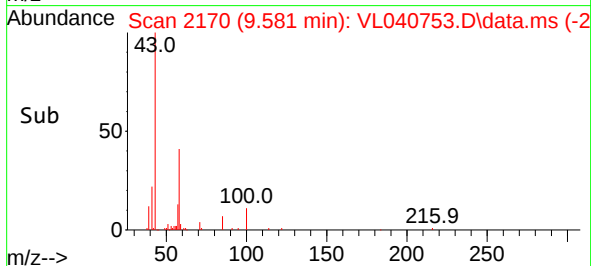
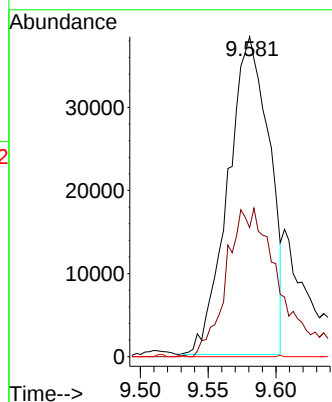
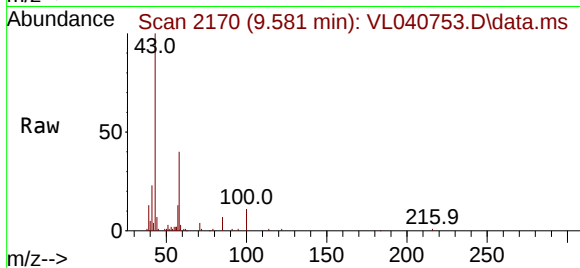
#51
2-Hexanone
Concen: 0.511 ppbv
RT: 9.581 min Scan# 2163
Delta R.T. 0.022 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 8116
Ion Ratio Lower Upper
43 100
58 65.2 38.6 58.0
98 0.2 0.0 0.0

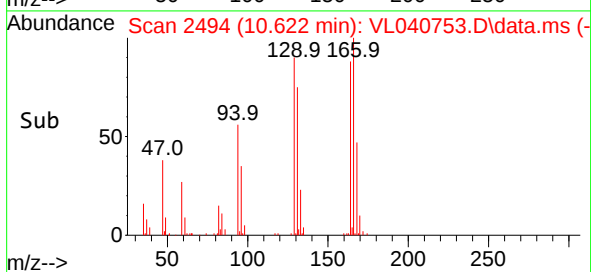
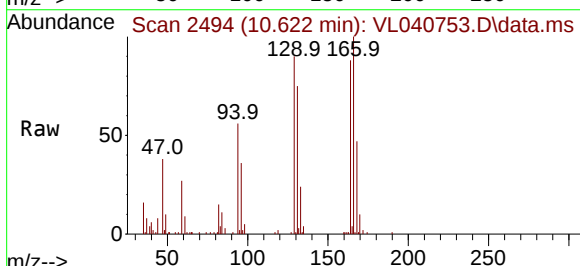
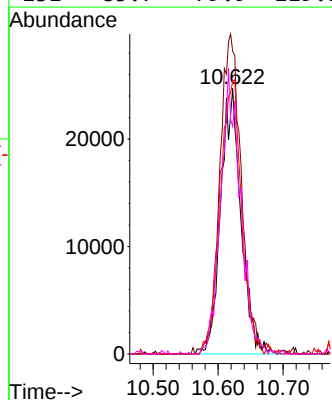
Manual Integrations
APPROVED

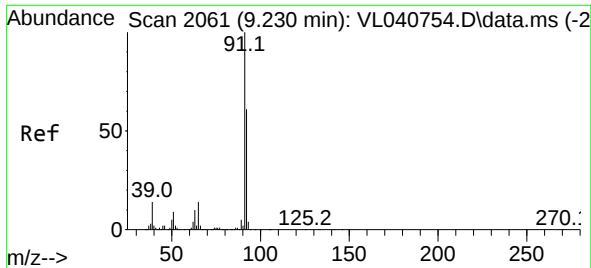
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Tetrachloroethene
Concen: 0.653 ppbv m
RT: 10.622 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

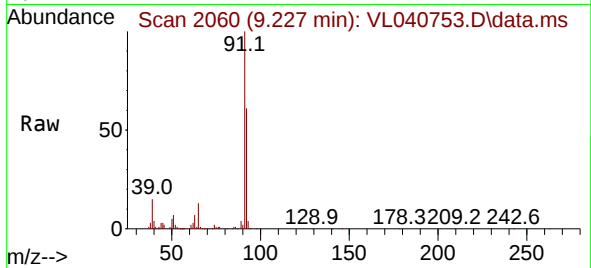
Tgt Ion:164 Resp: 53401
Ion Ratio Lower Upper
164 100
166 114.0 102.4 153.6
129 102.9 84.2 126.4
131 85.7 79.9 119.9





#53
Toluene
Concen: 0.617 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

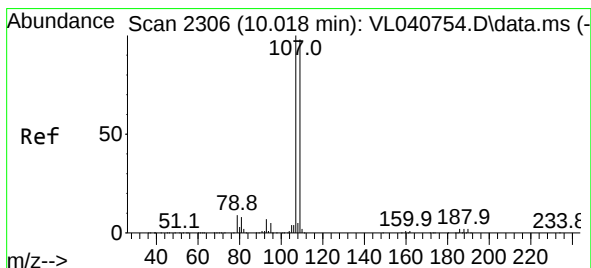
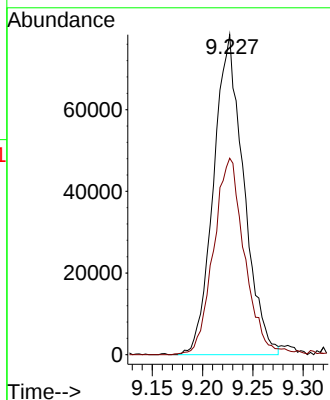
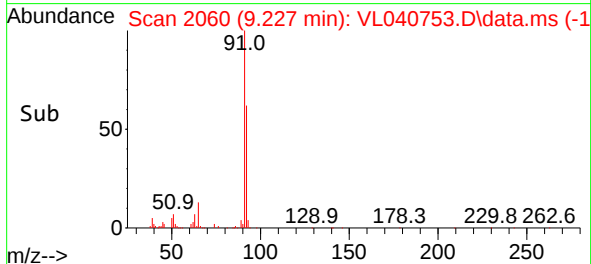
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



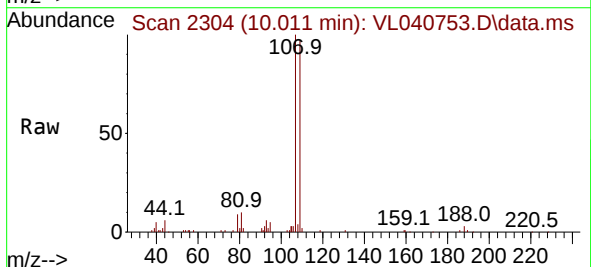
Tgt Ion: 91 Resp: 163309
Ion Ratio Lower Upper
91 100
92 63.4 50.2 75.2

Manual Integrations
APPROVED

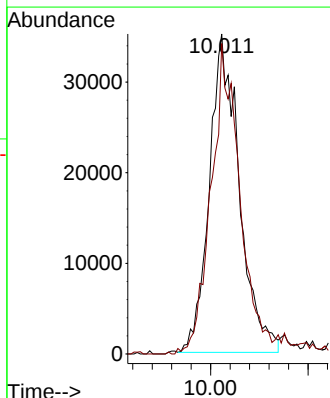
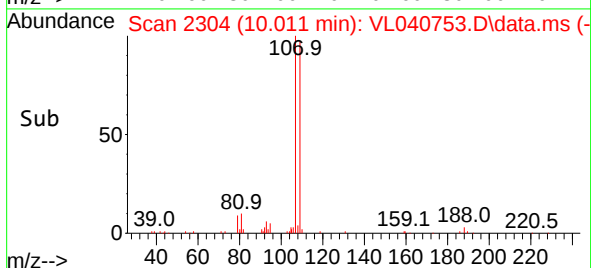
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

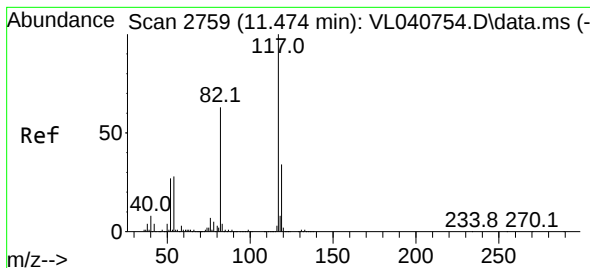


#54
1,2-Dibromoethane
Concen: 0.530 ppbv
RT: 10.011 min Scan# 2304
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



Tgt Ion:107 Resp: 74998
Ion Ratio Lower Upper
107 100
109 95.8 78.2 117.2





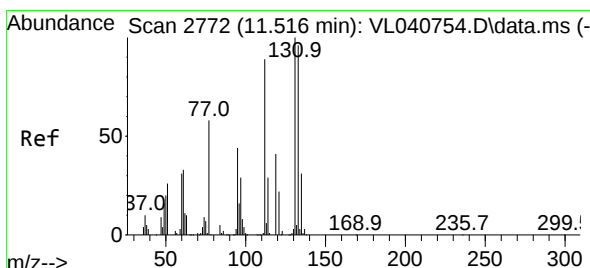
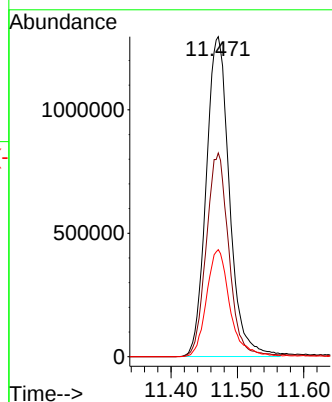
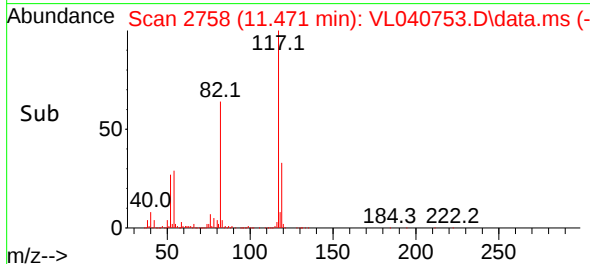
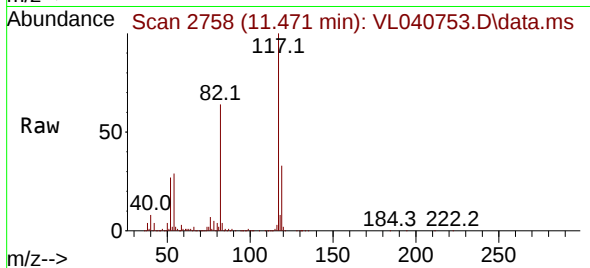
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 315732
Ion Ratio Lower Upper
117 100
82 62.8 46.6 70.0
119 33.8 26.0 39.0

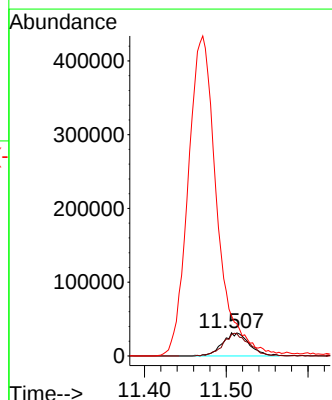
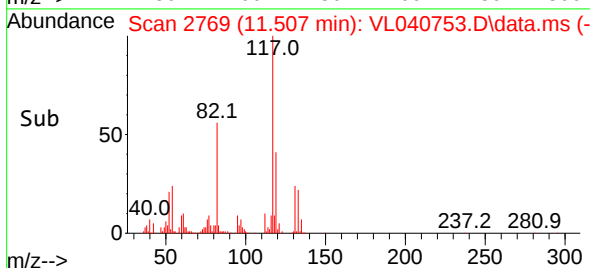
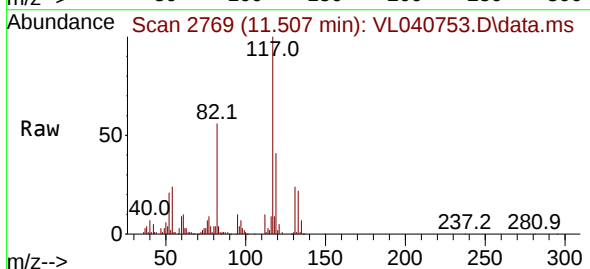
Manual Integrations
APPROVED

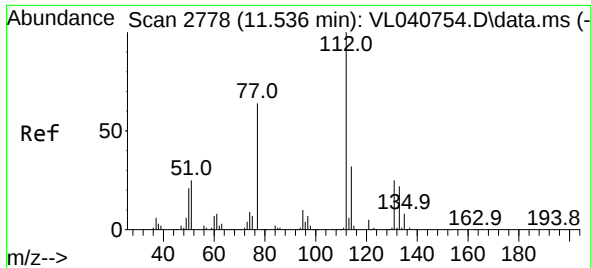
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 0.474 ppbv m
RT: 11.507 min Scan# 2769
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

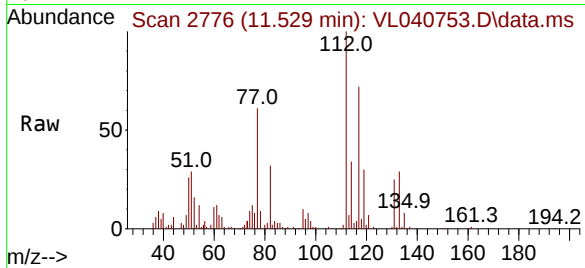
Tgt Ion:131 Resp: 71299
Ion Ratio Lower Upper
131 100
133 95.9 75.0 112.6
119 0.0 45.4 68.0#





#57
Chlorobenzene
Concen: 0.510 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

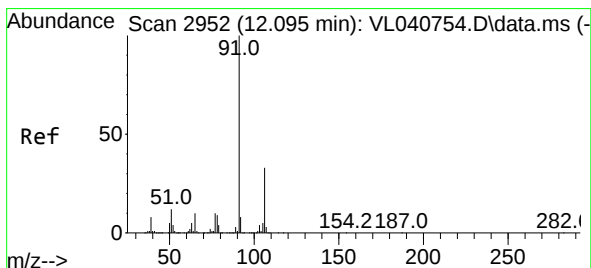
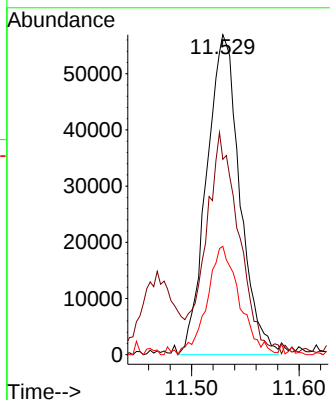
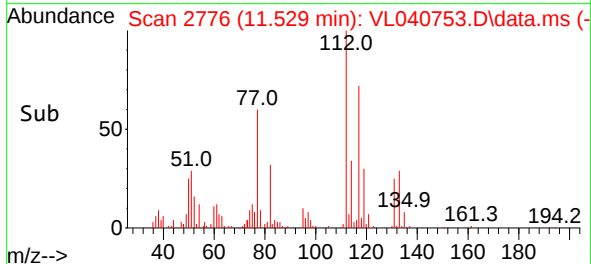
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



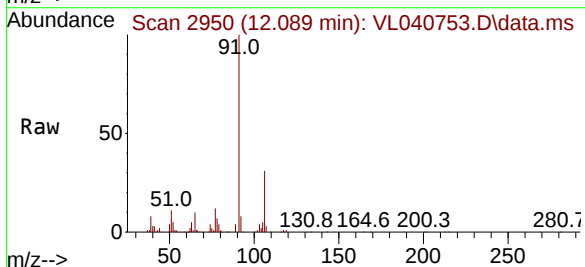
Tgt Ion: 112 Resp: 12192
Ion Ratio Lower Upper
112 100
77 58.0 51.9 77.9
114 33.9 28.6 35.0

Manual Integrations
APPROVED

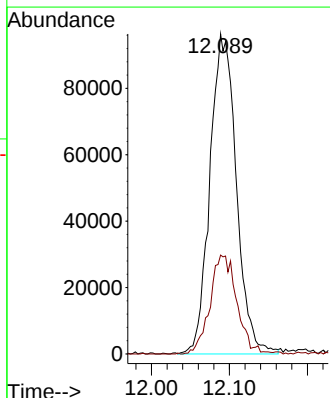
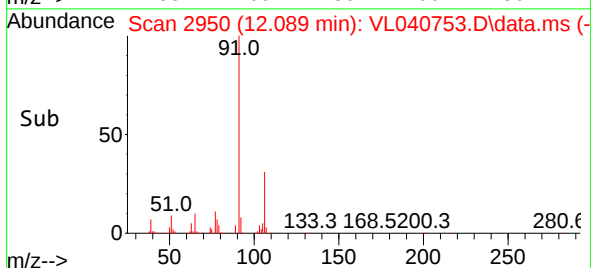
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

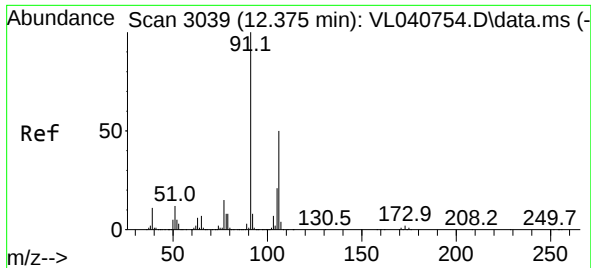


#58
Ethyl Benzene
Concen: 0.631 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



Tgt Ion: 91 Resp: 226975
Ion Ratio Lower Upper
91 100
106 30.6 26.7 40.1





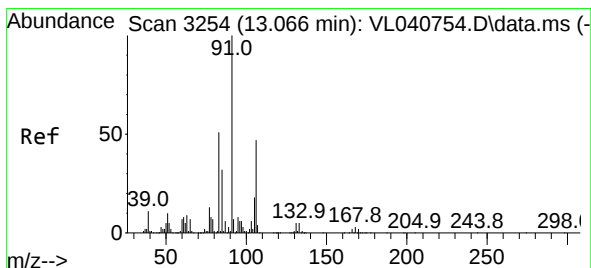
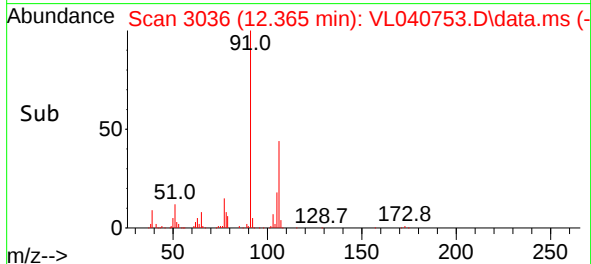
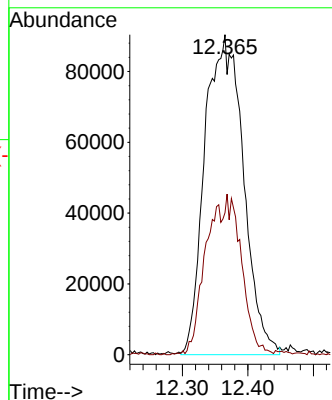
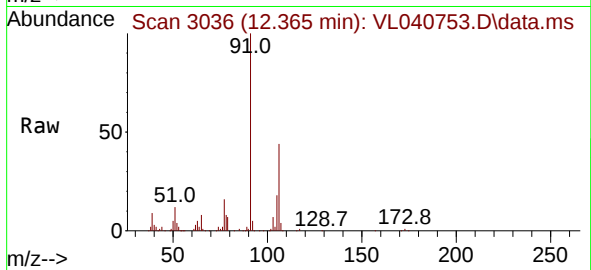
#59
m/p-Xylene
Concen: 1.090 ppbv m
RT: 12.365 min Scan# 3036
Delta R.T. -0.010 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 36830
Ion Ratio Lower Upper
91 100
106 0.0 37.7 56.5

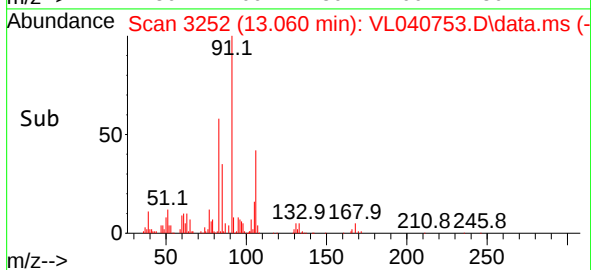
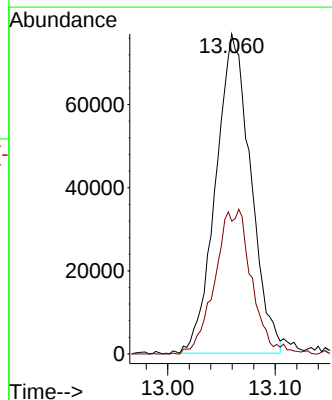
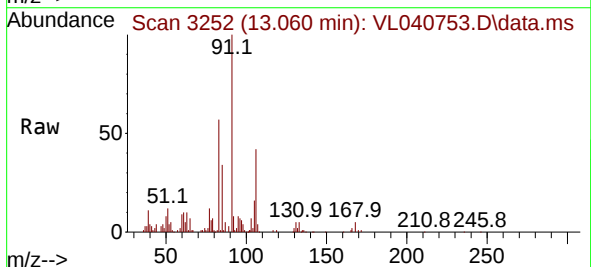
Manual Integrations
APPROVED

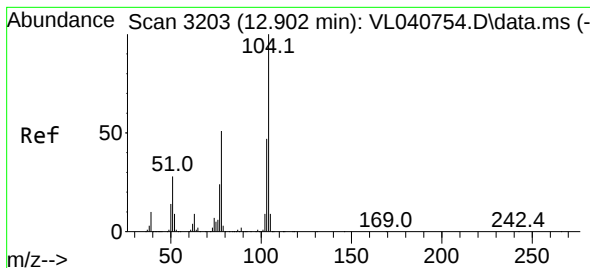
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#60
o-Xylene
Concen: 0.538 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion: 91 Resp: 173491
Ion Ratio Lower Upper
91 100
106 47.7 23.5 70.5





#61

Styrene

Concen: 0.667 ppbv

RT: 12.902 min Scan# 3203

Delta R.T. -0.000 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

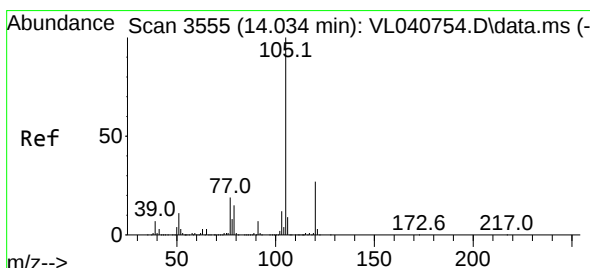
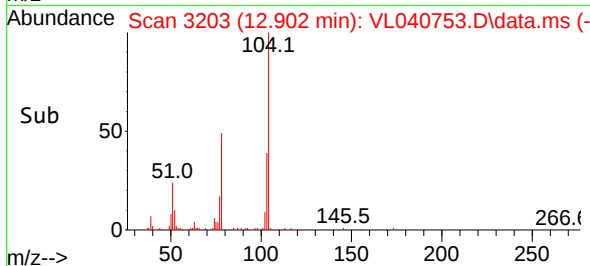
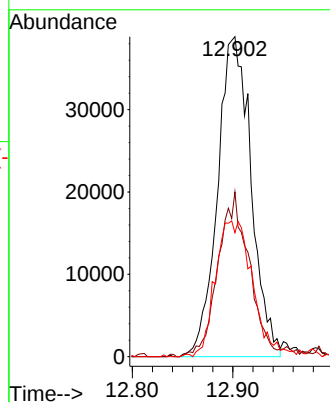
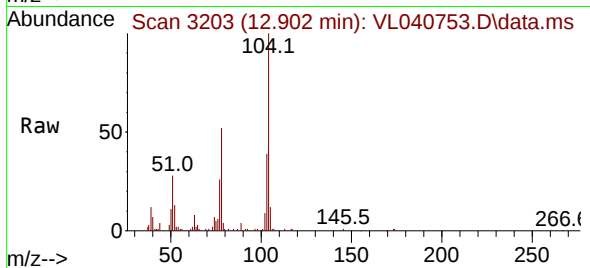
VSTDICC0.5

Tgt Ion:	104	Resp:	90164
Ion Ratio	Lower	Upper	
104	100		
78	48.7	39.8	59.6
103	46.8	37.5	56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#62

Isopropylbenzene

Concen: 0.539 ppbv

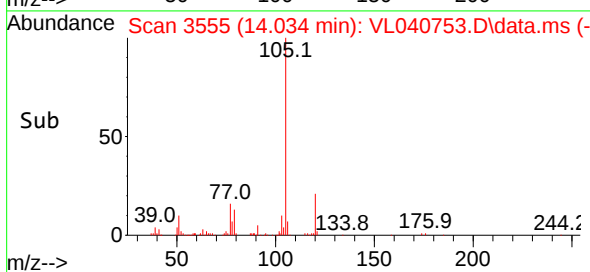
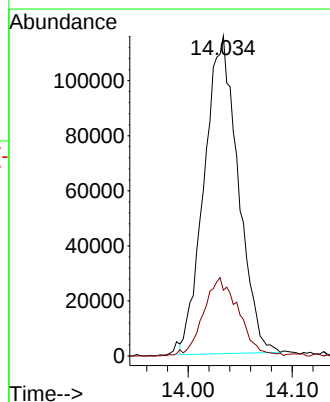
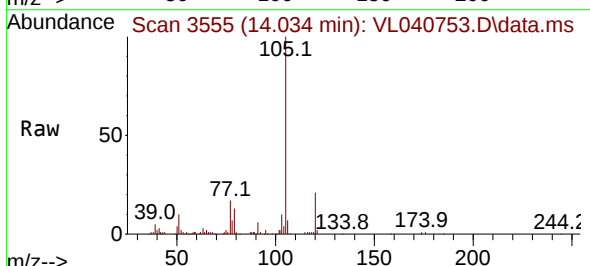
RT: 14.034 min Scan# 3555

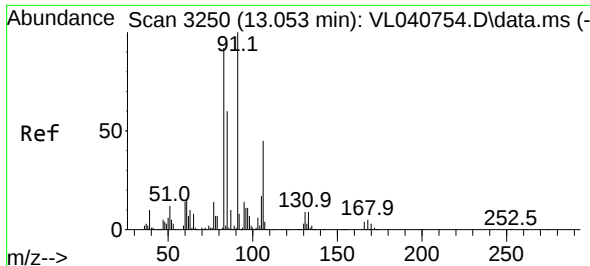
Delta R.T. -0.000 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Tgt Ion:	105	Resp:	262123
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.5	32.3





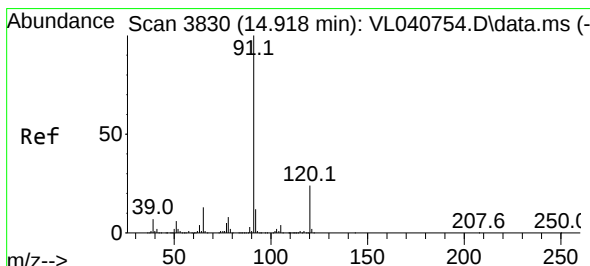
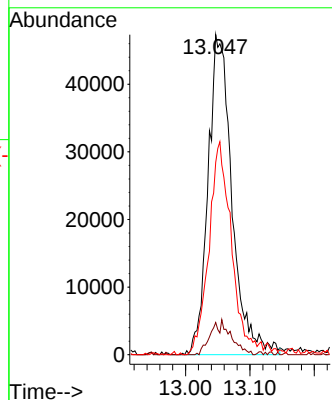
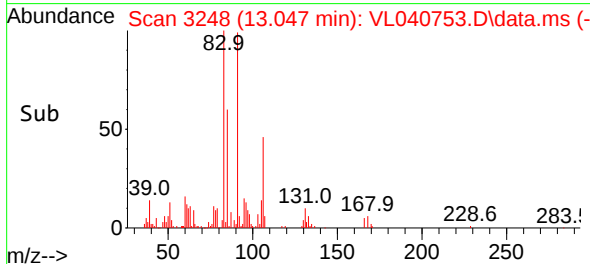
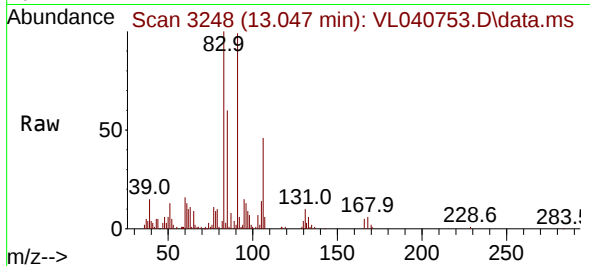
#63
1,1,2,2-Tetrachloroethane
Concen: 0.485 ppbv m
RT: 13.047 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 12244
Ion Ratio Lower Upper
83 100
131 0.0 4.9 14.6
85 0.0 32.9 98.7

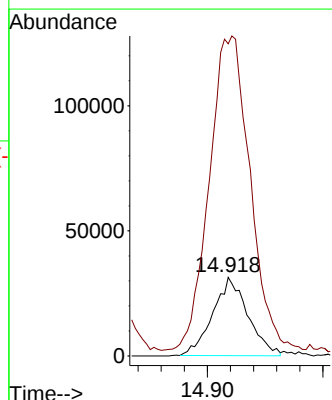
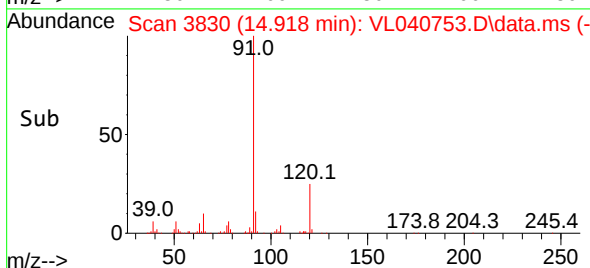
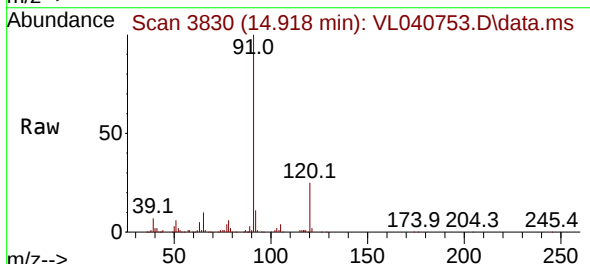
Manual Integrations
APPROVED

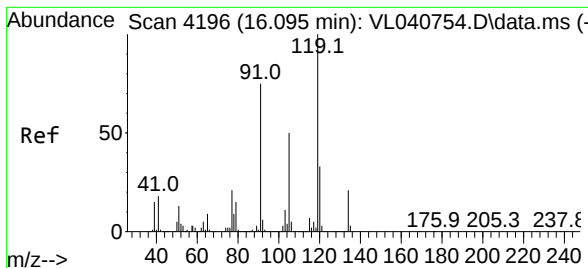
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#64
n-propylbenzene
Concen: 0.544 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

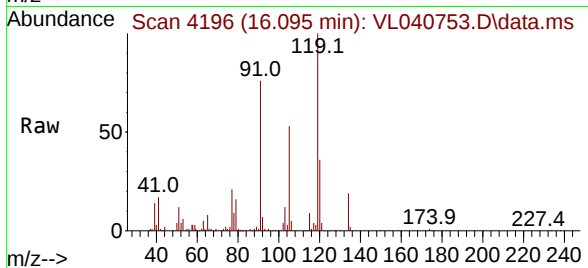
Tgt Ion:120 Resp: 66160
Ion Ratio Lower Upper
120 100
91 493.1 345.9 518.9





#65
tert-Butylbenzene
Concen: 0.543 ppbv
RT: 16.095 min Scan# 4196
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

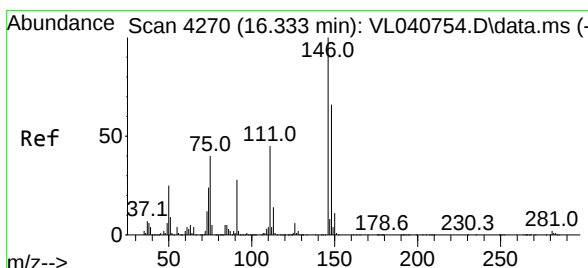
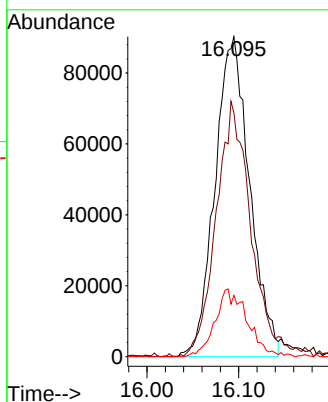
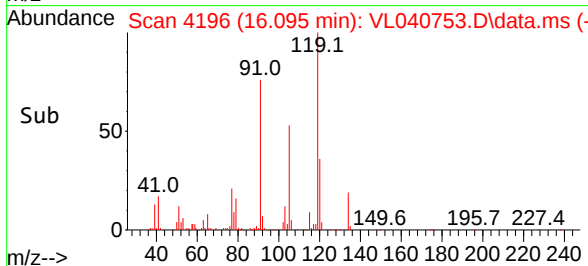
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



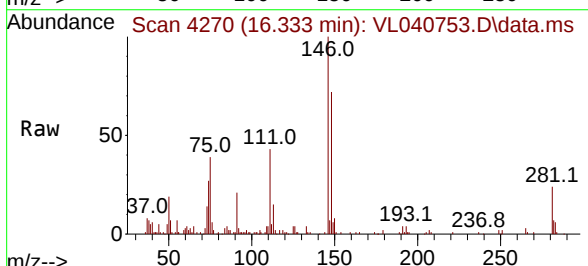
Tgt Ion: 119 Resp: 237299
Ion Ratio Lower Upper
119 100
91 81.4 62.2 93.2
134 19.7 16.1 24.1

Manual Integrations
APPROVED

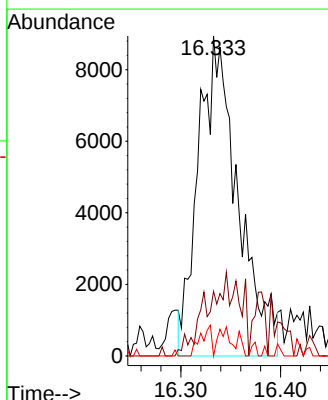
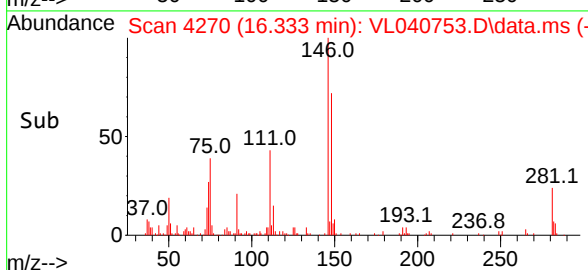
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

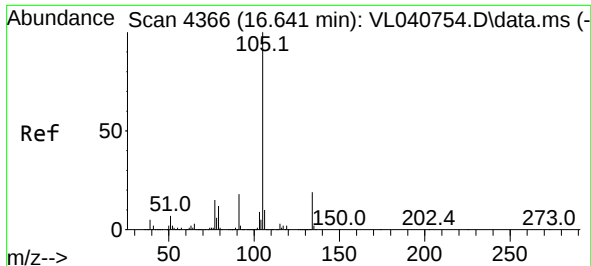


#66
Benzyl Chloride
Concen: 0.486 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



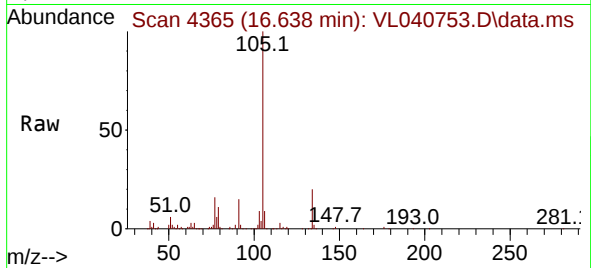
Tgt Ion: 91 Resp: 24768
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 6.6 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 0.535 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

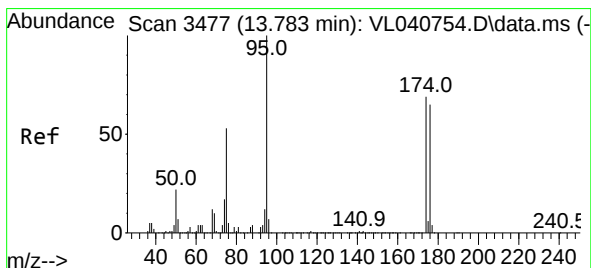
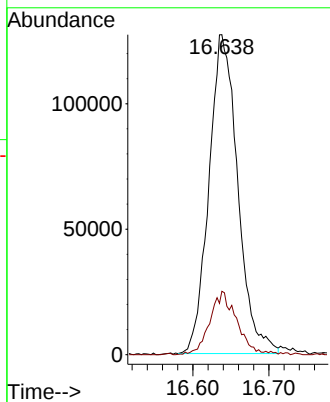
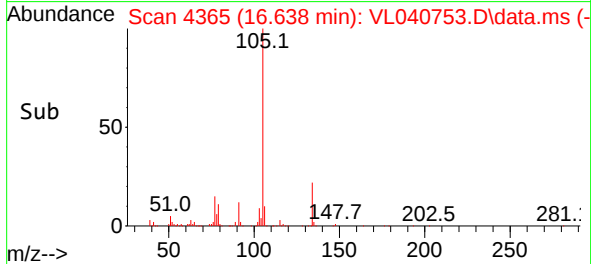
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:105 Resp: 334384
 Ion Ratio Lower Upper
 105 100
 134 18.9 15.4 23.2

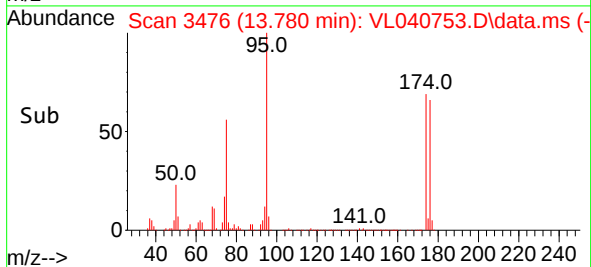
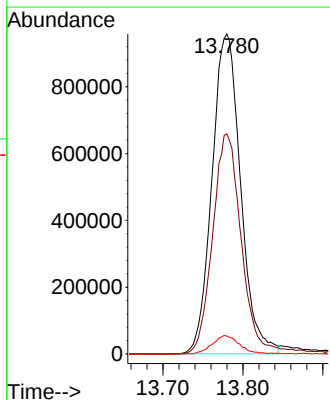
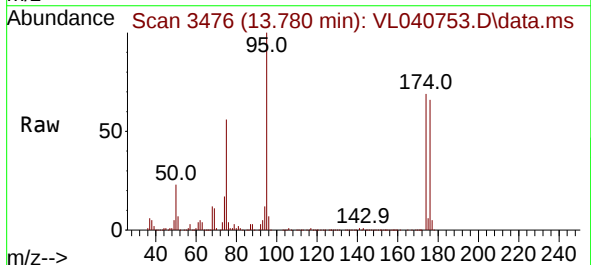
Manual Integrations
 APPROVED

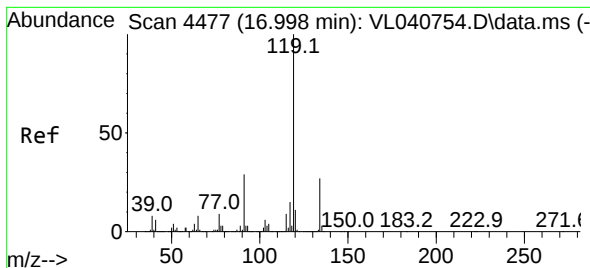
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.752 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040753.D
 Acq: 11 Oct 2023 11:21

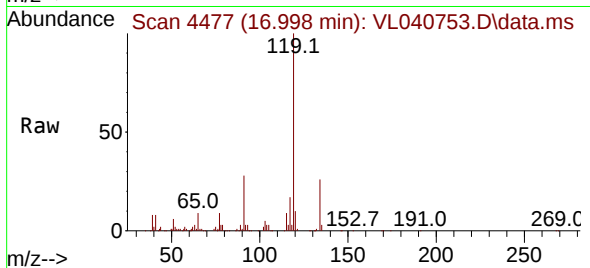
Tgt Ion: 95 Resp: 2378853
 Ion Ratio Lower Upper
 95 100
 174 70.3 54.7 82.1
 175 5.6 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.562 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

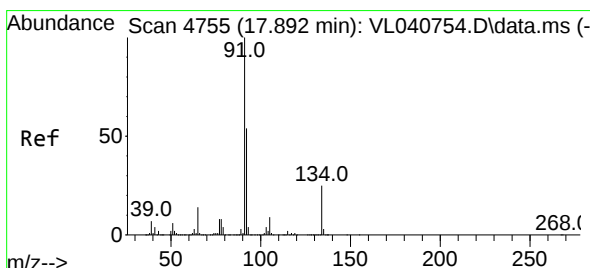
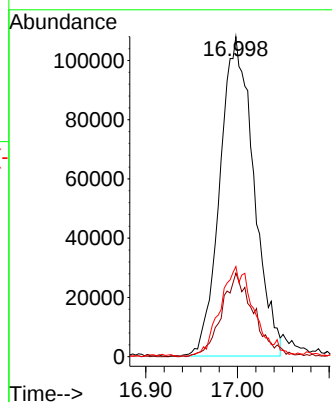
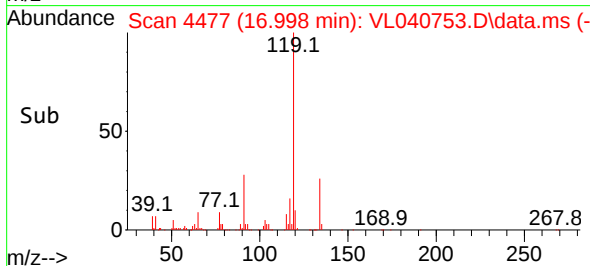
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



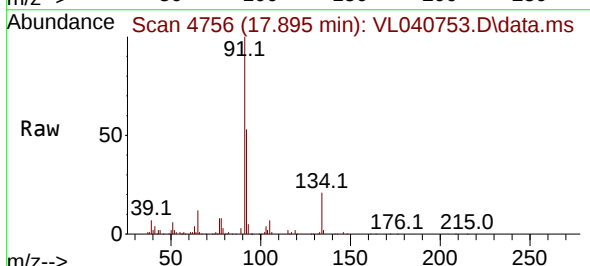
Tgt Ion: 119 Resp: 276030
Ion Ratio Lower Upper
119 100
134 25.2 21.0 31.4
91 29.4 22.8 34.2

Manual Integrations
APPROVED

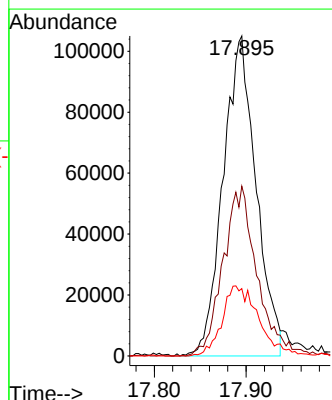
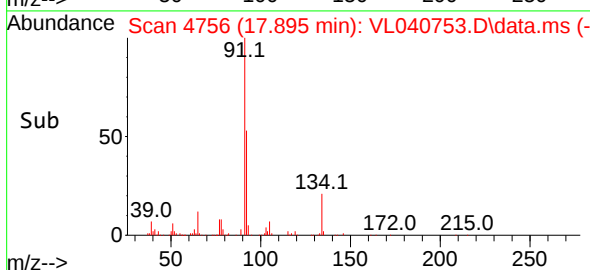
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

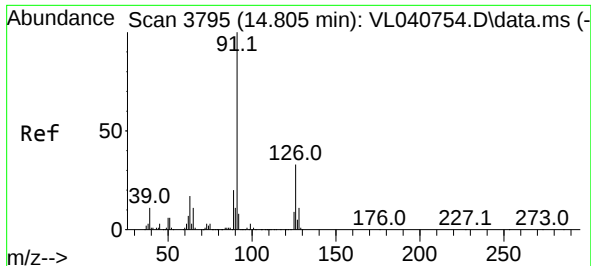


#70
n-Butylbenzene
Concen: 0.484 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



Tgt Ion: 91 Resp: 261858
Ion Ratio Lower Upper
91 100
92 55.1 44.1 66.1
134 24.6 19.5 29.3





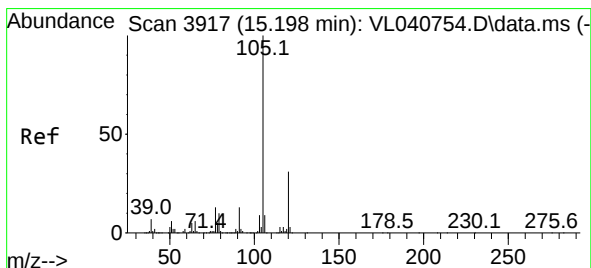
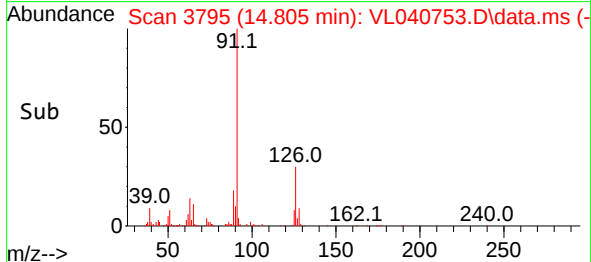
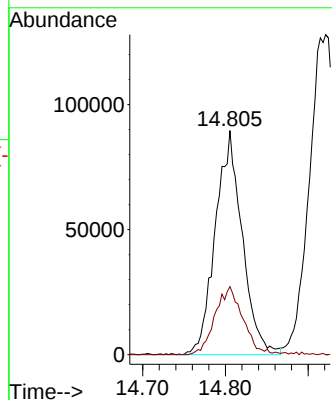
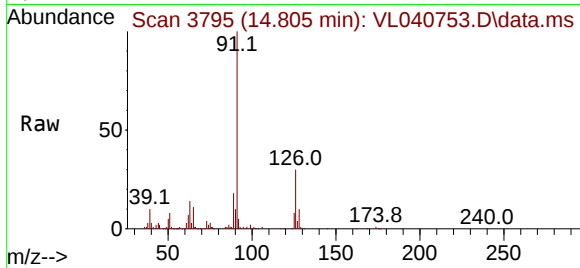
#71
2-Chlorotoluene
Concen: 0.561 ppbv m
RT: 14.805 min Scan# 3795
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 20211
Ion Ratio Lower Upper
91 100
126 31.8 13.3 53.1

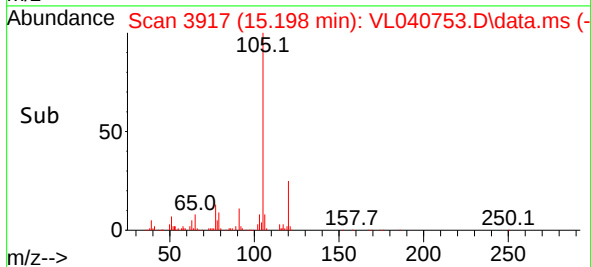
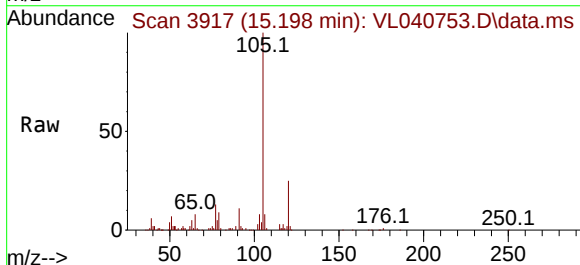
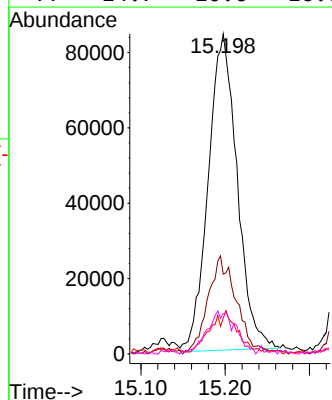
Manual Integrations
APPROVED

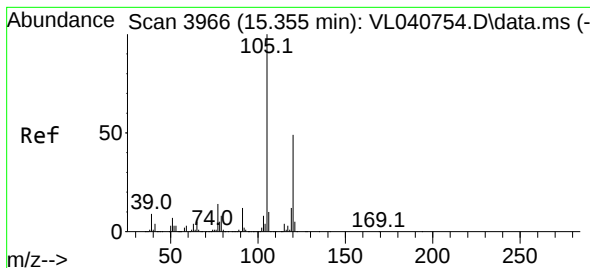
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#72
4-Ethyltoluene
Concen: 0.554 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

Tgt Ion:105 Resp: 200290
Ion Ratio Lower Upper
105 100
120 31.5 25.0 37.4
91 12.6 9.8 14.8
77 14.7 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 0.527 ppbv

RT: 15.352 min Scan# 3966

Delta R.T. -0.003 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:105 Resp: 17143

Ion Ratio Lower Upper

105 100

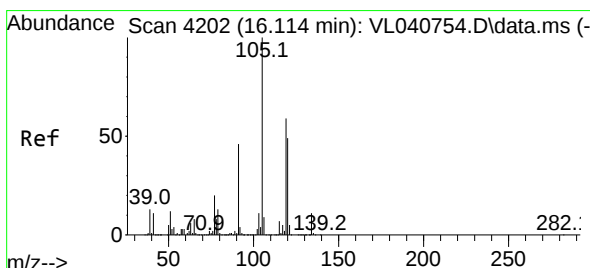
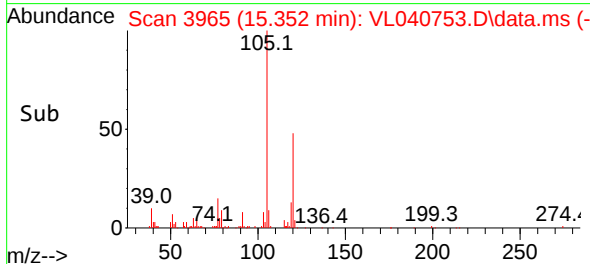
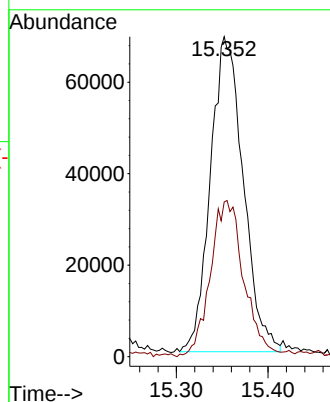
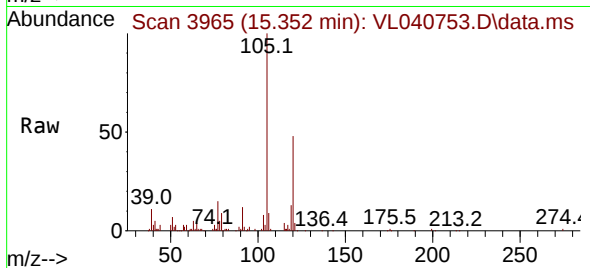
120 48.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.483 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. -0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Tgt Ion:105 Resp: 191567

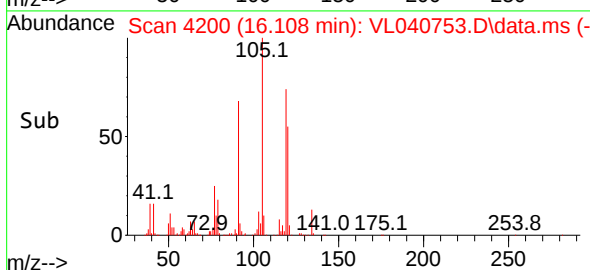
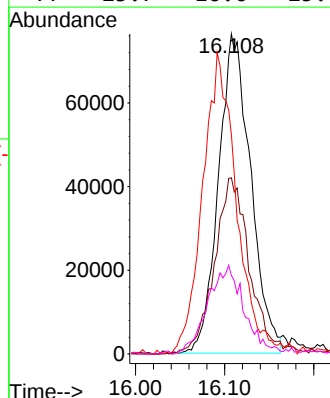
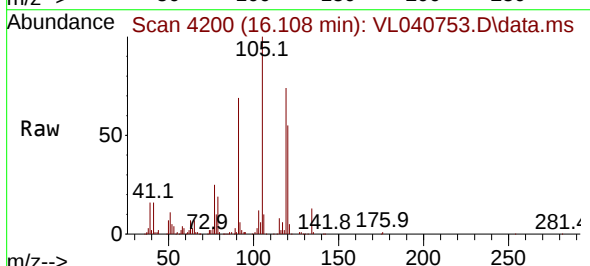
Ion Ratio Lower Upper

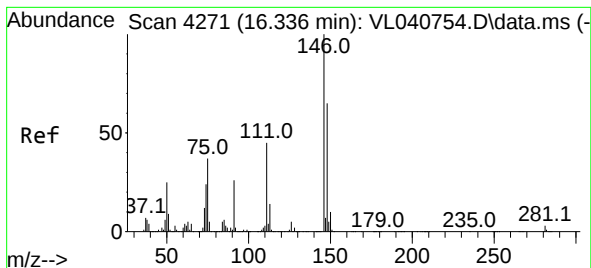
105 100

120 53.9 39.4 59.2

91 65.4 38.6 58.0#

77 23.7 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 0.507 ppbv m

RT: 16.342 min Scan# 4273

Delta R.T. 0.006 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

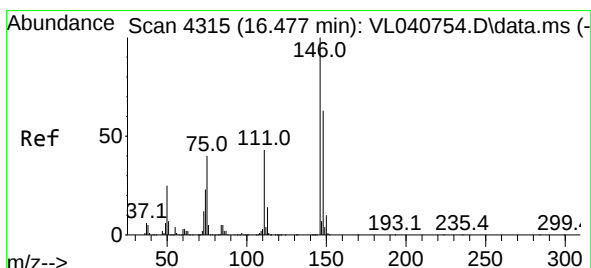
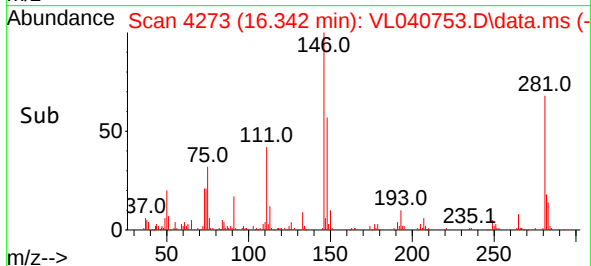
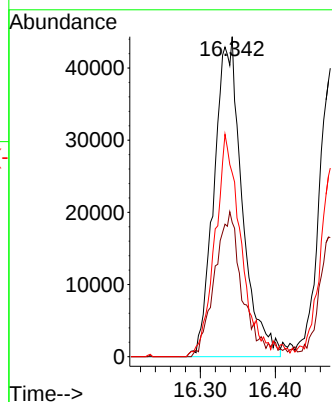
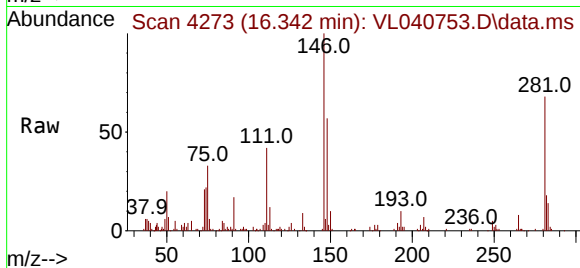
VSTDICC0.5

Tgt Ion:146 Resp: 114520
 Ion Ratio Lower Upper
 146 100
 111 0.0 22.6 67.7
 148 65.7 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#76

1,4-Dichlorobenzene

Concen: 0.524 ppbv m

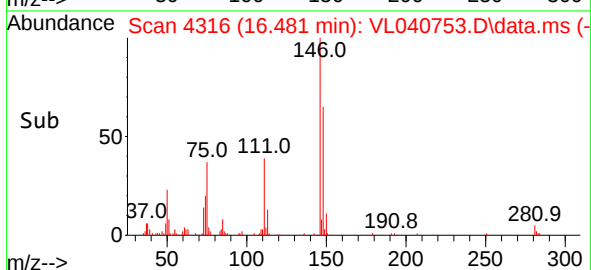
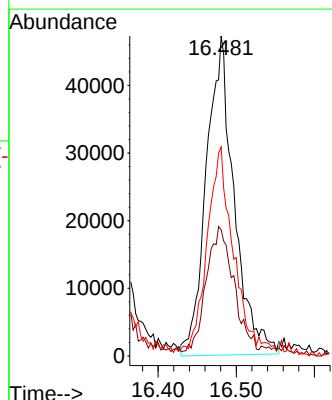
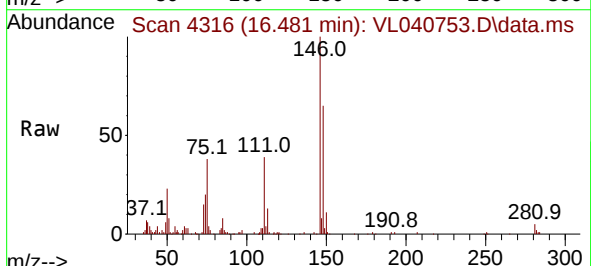
RT: 16.481 min Scan# 4316

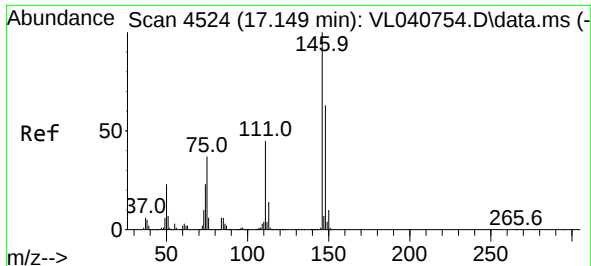
Delta R.T. 0.003 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

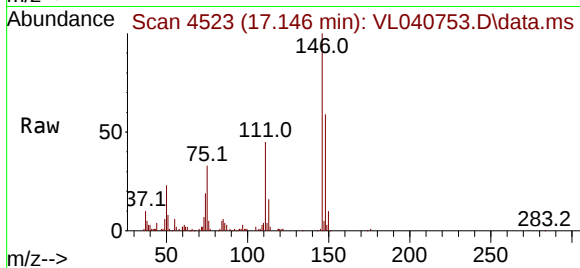
Tgt Ion:146 Resp: 116620
 Ion Ratio Lower Upper
 146 100
 111 45.1 22.0 66.0
 148 65.7 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 0.532 ppbv m
RT: 17.146 min Scan# 4524
Delta R.T. -0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

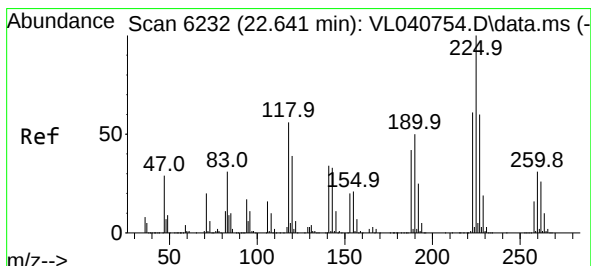
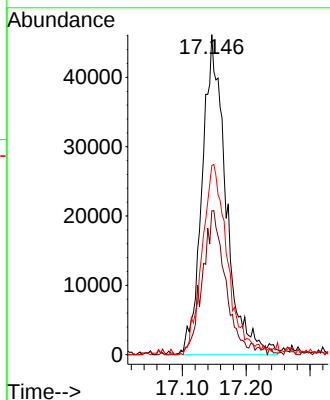
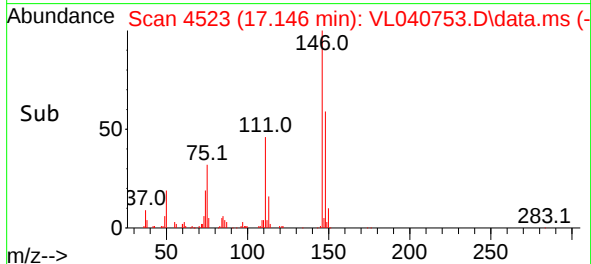
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:146 Resp: 119852
Ion Ratio Lower Upper
146 100
111 44.5 22.9 68.8
148 63.7 32.3 96.8

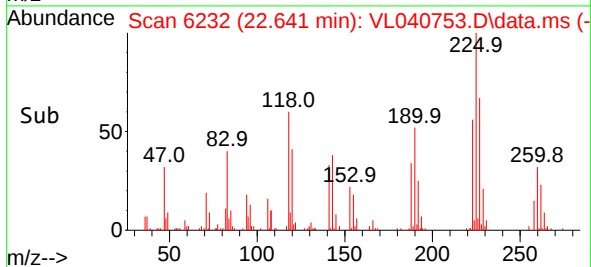
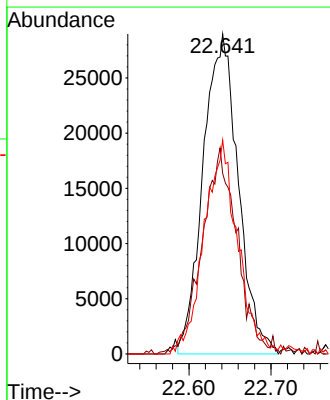
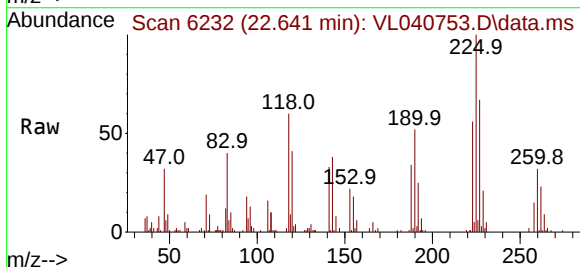
Manual Integrations
APPROVED

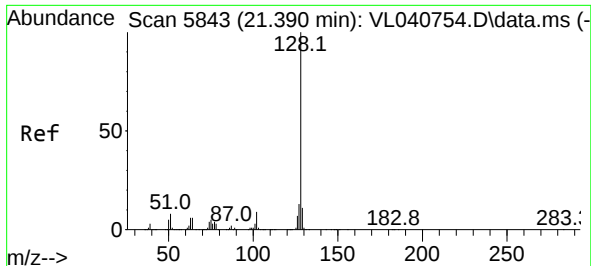
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#78
Hexachloro-1,3-Butadiene
Concen: 0.506 ppbv
RT: 22.641 min Scan# 6232
Delta R.T. -0.000 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

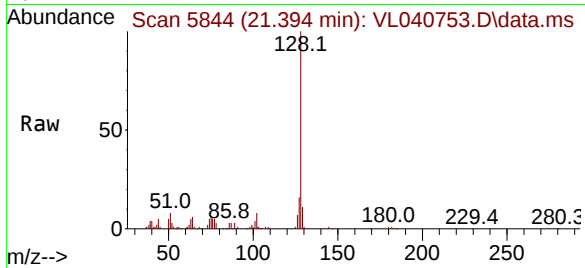
Tgt Ion:225 Resp: 86138
Ion Ratio Lower Upper
225 100
223 64.3 50.7 76.1
227 64.0 51.4 77.0





#79
Naphthalene
Concen: 0.615 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. 0.003 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21

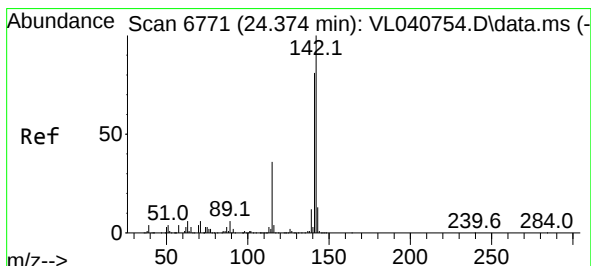
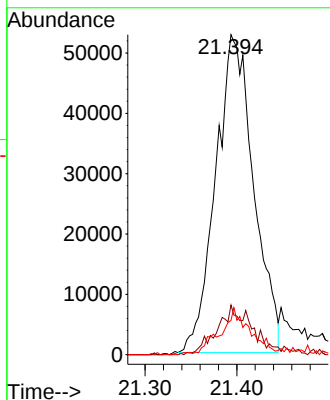
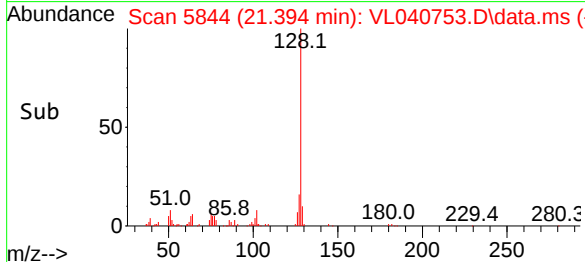
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



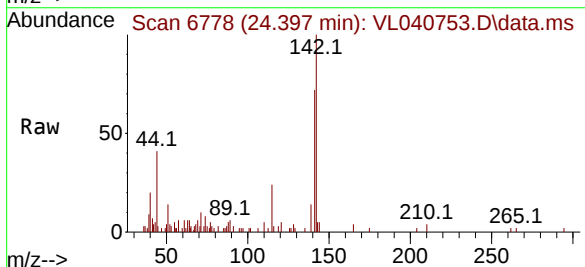
Tgt Ion:128 Resp: 151838
Ion Ratio Lower Upper
128 100
127 15.6 10.6 15.8
129 10.8 9.0 13.4

Manual Integrations
APPROVED

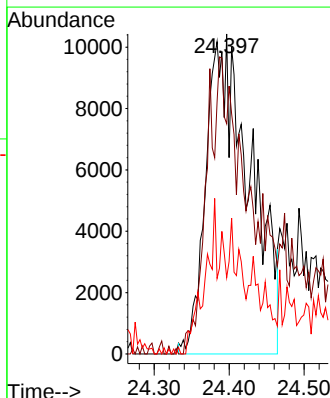
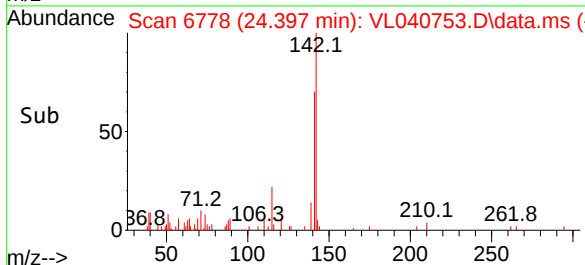
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

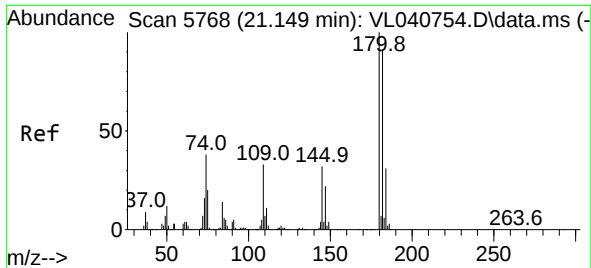


#80
Naphthalene,2-methyl-
Concen: 0.701 ppbv m
RT: 24.397 min Scan# 6778
Delta R.T. 0.022 min
Lab File: VL040753.D
Acq: 11 Oct 2023 11:21



Tgt Ion:142 Resp: 42375
Ion Ratio Lower Upper
142 100
141 0.0 66.3 99.5#
115 20.0 30.0 45.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.527 ppbv m

RT: 21.146 min Scan# 51

Delta R.T. -0.003 min

Lab File: VL040753.D

Acq: 11 Oct 2023 11:21

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 84960

Ion Ratio Lower Upper

180 100

182 0.0 77.9 116.9

184 0.0 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023

