

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040508.D
 Acq On : 10 Jul 2023 13:08
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 13:53:09 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 2023

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1084217	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2961852	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2709260	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2096547 9.376 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 93.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.739	85	224854	0.953	ppbv	95
3) Chlorodifluoromethane	2.681	51	181737	1.023	ppbv	94
4) Chloromethane	2.816	50	73924	1.075	ppbv	89
5) Vinyl Chloride	2.925	62	73103	1.066	ppbv	88
6) Bromomethane	3.124	94	31040	0.874	ppbv	94
7) Chloroethane	3.202	64	27049	1.056	ppbv #	88
8) Dichlorotetrafluoroethane	2.864	85	190092	1.020	ppbv	99
9) Propene	2.700	41	63053	1.151	ppbv	96
10) Heptane	7.587	43	134355	1.084	ppbv	98
11) Trichlorofluoromethane	3.571	101	179692	0.935	ppbv	91
12) 1,1,2-Trichlorotrifluoro...	4.070	101	127524	0.950	ppbv	96
13) Ethanol	3.259	45	15025m	1.325	ppbv	
14) Bromoethene	3.372	108	53951	0.961	ppbv #	98
15) Acetone	3.481	43	129125	0.987	ppbv	93
16) 1,3-Butadiene	2.993	39	61868m	0.972	ppbv	
17) tert-Butyl alcohol	3.893	59	145021	1.349	ppbv	99
18) 1,1-Dichloroethene	3.883	96	56442	0.944	ppbv	98
19) Isopropyl Alcohol	3.591	45	81479	1.293	ppbv	98
20) Methylene Chloride	3.944	84	55631	0.997	ppbv	91
21) Allyl Chloride	4.005	41	71904	0.973	ppbv	97
22) trans-1,2-Dichloroethene	4.452	96	52464	0.855	ppbv	96
23) Vinyl Acetate	4.639	43	116642	0.913	ppbv	99
24) 1,1-Dichloroethane	4.568	63	127940	0.999	ppbv	98
25) Ethyl Acetate	5.218	43	247635	1.045	ppbv	97
26) Hexane	5.221	57	120569	1.075	ppbv	98
27) Carbon Disulfide	4.131	76	125540	0.895	ppbv #	83
28) Methyl tert-Butyl Ether	4.600	73	95326	1.104	ppbv	99
29) Chloroform	5.282	83	195759	1.024	ppbv	92
30) Cyclohexane	6.613	84	90485	1.001	ppbv	97
31) cis-1,2-Dichloroethene	5.089	61	109425	1.019	ppbv	92
32) 1,1,1-Trichloroethane	6.009	97	184896	0.980	ppbv	98
34) 2-Butanone	4.803	43	148803	1.042	ppbv	98
35) Carbon Tetrachloride	6.504	117	179422	0.889	ppbv	93
36) Benzene	6.378	78	242524	1.029	ppbv	98
37) 1,2-Dichloroethane	5.816	62	139361	0.908	ppbv	97
38) Trichloroethene	7.308	130	99807m	1.118	ppbv	
39) 1,2-Dichloropropane	7.079	63	91869	1.012	ppbv	87
40) 1,4-Dioxane	7.320	88	27659	1.075	ppbv #	100
41) Tetrahydrofuran	5.581	42	84254	1.079	ppbv	98
42) Bromodichloromethane	7.259	83	194429	0.920	ppbv	99
43) Methyl Methacrylate	7.484	69	84127	0.994	ppbv	95
44) 2,2,4-Trimethylpentane	7.336	57	393117	1.021	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	48755m	0.780	ppbv	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040508.D
 Acq On : 10 Jul 2023 13:08
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 13:53:09 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

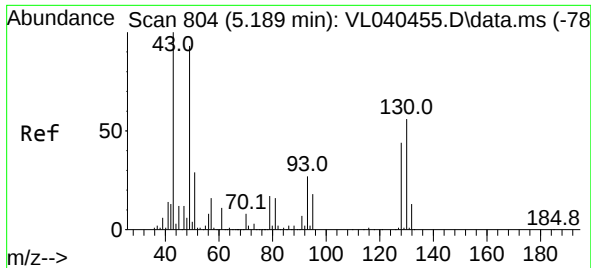
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

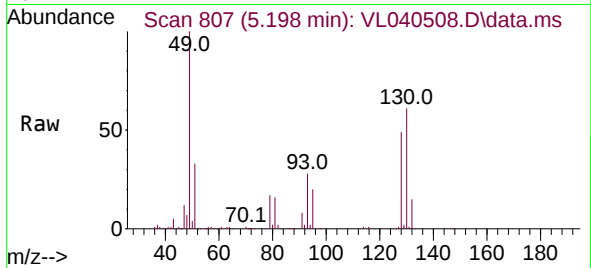
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.150	75	66332m	0.871	ppbv	
47) 1,1,2-Trichloroethane	8.909	97	100286	1.005	ppbv	92
48) Dibromochloromethane	9.725	129	146268	0.917	ppbv	100
49) Bromoform	12.426	173	111946m	0.927	ppbv	
50) 4-Methyl-2-Pentanone	8.205	43	210790	1.102	ppbv	100
51) 2-Hexanone	9.578	43	136740	1.030	ppbv #	100
52) Tetrachloroethene	10.632	164	81518	1.102	ppbv	89
53) Toluene	9.234	91	259538	1.046	ppbv	98
54) 1,2-Dibromoethane	10.024	107	125531	0.959	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.523	131	123960	0.973	ppbv #	1
57) Chlorobenzene	11.542	112	227353	1.110	ppbv	88
58) Ethyl Benzene	12.102	91	344278	1.049	ppbv	95
59) m/p-Xylene	12.388	91	631217m	2.092	ppbv	
60) o-Xylene	13.073	91	299340	1.046	ppbv	100
61) Styrene	12.912	104	123579	1.004	ppbv	97
62) Isopropylbenzene	14.044	105	452503	1.064	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.066	83	217782	1.175	ppbv	99
64) n-propylbenzene	14.931	120	114169	1.057	ppbv	92
65) tert-Butylbenzene	16.105	119	394927	1.082	ppbv	98
66) Benzyl Chloride	16.343	91	23622m	0.840	ppbv	
67) sec-Butylbenzene	16.648	105	588424	1.106	ppbv	99
69) p-Isopropyltoluene	17.008	119	484699	1.146	ppbv	97
70) n-Butylbenzene	17.905	91	542165	1.149	ppbv	99
71) 2-Chlorotoluene	14.815	91	340956	1.079	ppbv	100
72) 4-Ethyltoluene	15.208	105	335013	1.039	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	302642	1.062	ppbv	96
74) 1,2,4-Trimethylbenzene	16.124	105	364900	1.089	ppbv	94
75) 1,3-Dichlorobenzene	16.346	146	214389	1.141	ppbv	99
76) 1,4-Dichlorobenzene	16.487	146	204095	1.117	ppbv	98
77) 1,2-Dichlorobenzene	17.159	146	215756	1.215	ppbv	99
78) Hexachloro-1,3-Butadiene	22.651	225	202640m	1.480	ppbv	
79) Naphthalene	21.403	128	311068	1.612	ppbv	99
80) Naphthalene,2-methyl-	24.387	142	92733	1.601	ppbv #	89
81) 1,2,4-Trichlorobenzene	21.159	180	200234	1.675	ppbv	97

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.009 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

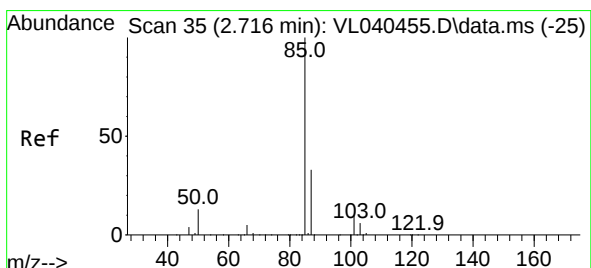
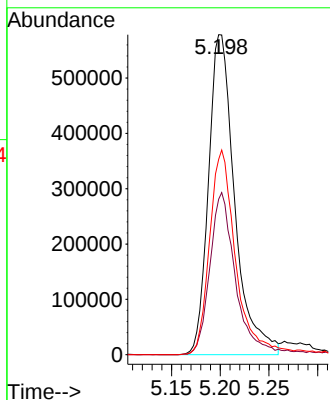
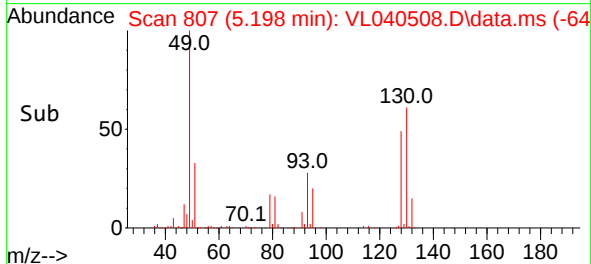
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 49 Resp: 108421
Ion Ratio Lower Upper
49 100
128 51.5 24.7 74.1
130 66.1 31.4 94.2

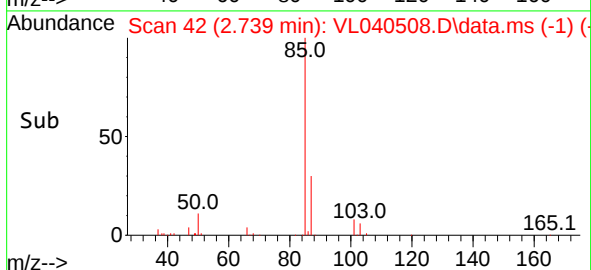
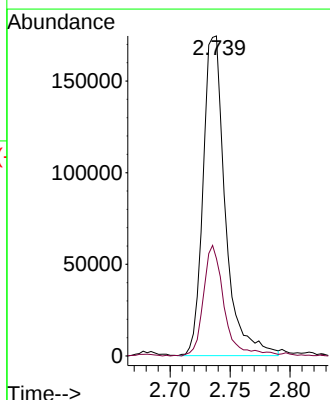
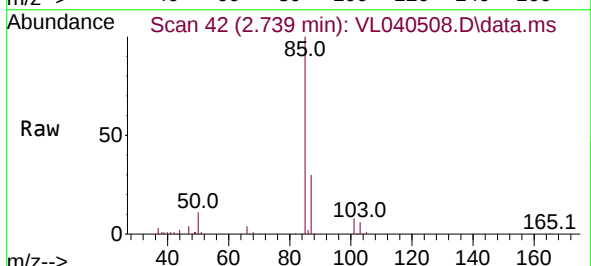
Manual Integrations
APPROVED

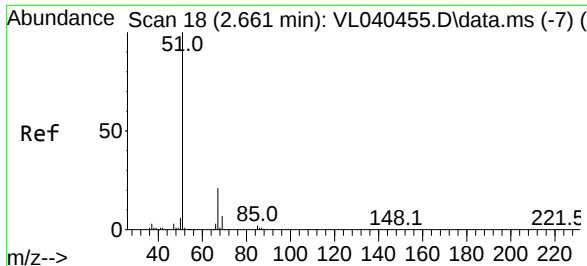
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 0.953 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.023 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

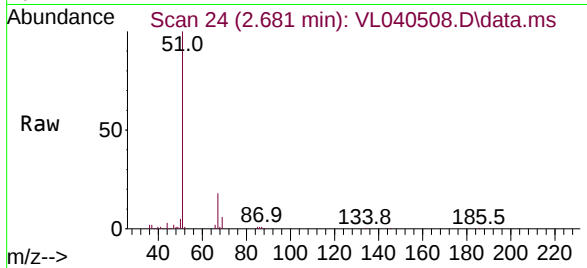
Tgt Ion: 85 Resp: 224854
Ion Ratio Lower Upper
85 100
87 30.3 26.6 39.8





#3
Chlorodifluoromethane
Concen: 1.023 ppbv
RT: 2.681 min Scan# 24
Delta R.T. 0.019 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

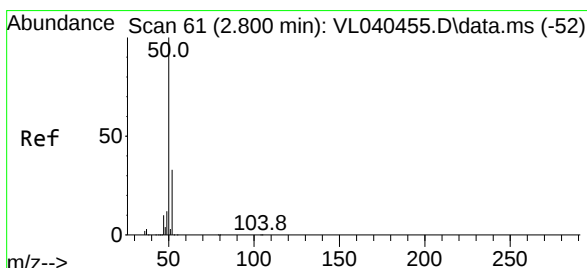
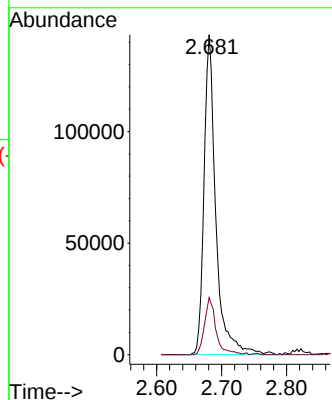
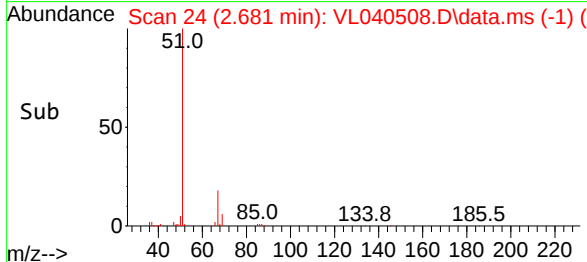
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 51 Resp: 18173
Ion Ratio Lower Upper
51 100
67 17.6 16.3 24.5

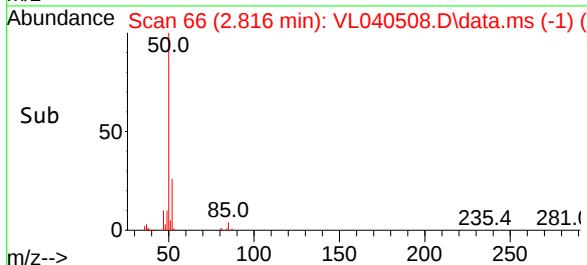
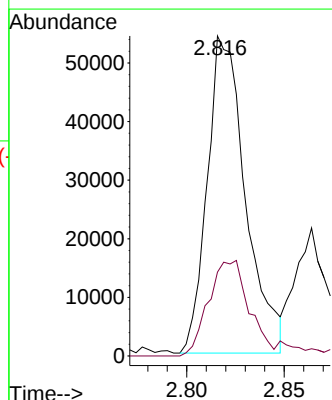
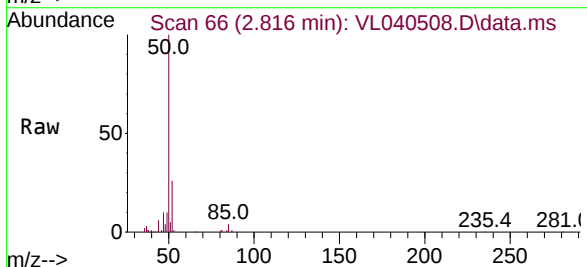
Manual Integrations
APPROVED

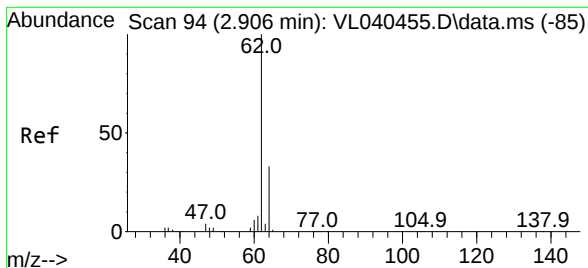
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Chloromethane
Concen: 1.075 ppbv
RT: 2.816 min Scan# 66
Delta R.T. 0.016 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 50 Resp: 73924
Ion Ratio Lower Upper
50 100
52 26.4 26.3 39.5





#5
 Vinyl Chloride
 Concen: 1.066 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.019 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

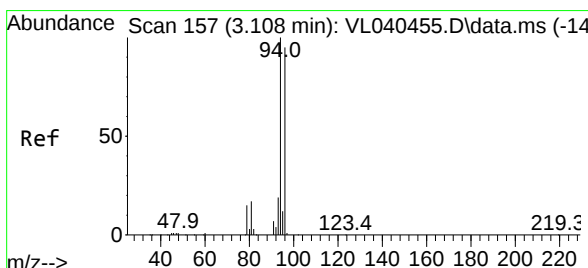
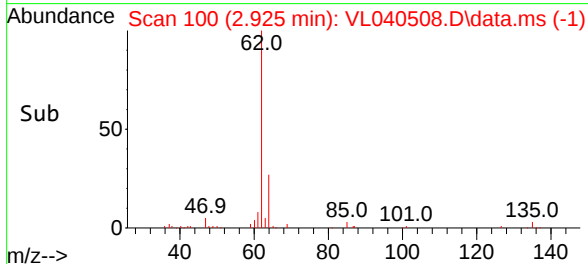
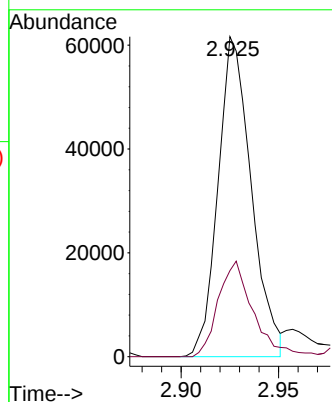
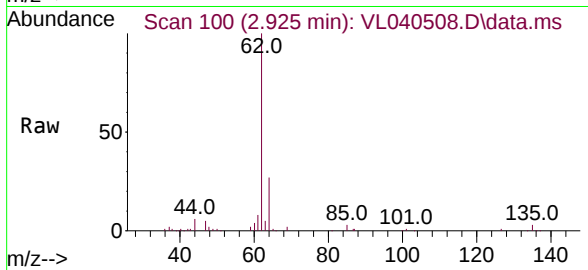
VSTDIC001

Tgt Ion: 62 Resp: 7310
 Ion Ratio Lower Upper
 62 100
 64 26.9 26.8 40.2

Manual Integrations

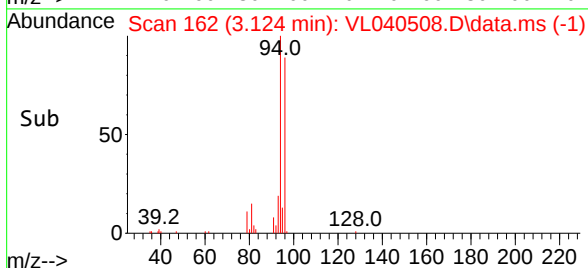
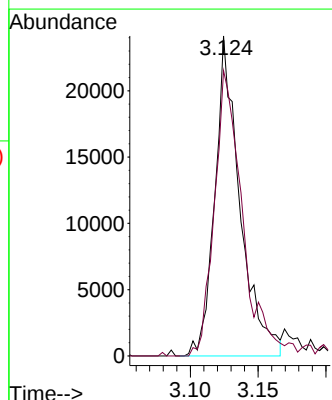
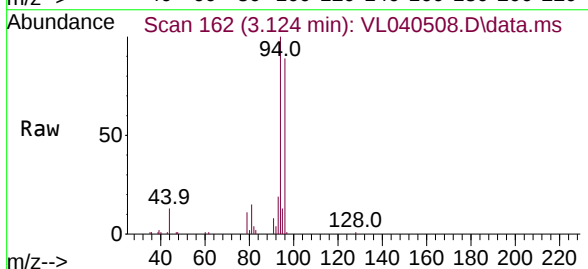
APPROVED

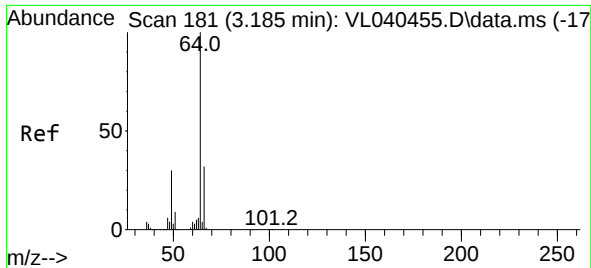
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#6
 Bromomethane
 Concen: 0.874 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. 0.016 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Tgt Ion: 94 Resp: 31040
 Ion Ratio Lower Upper
 94 100
 96 89.2 75.8 113.8





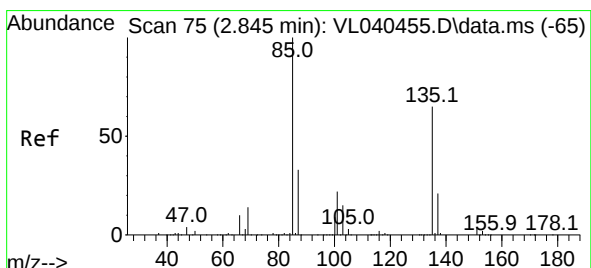
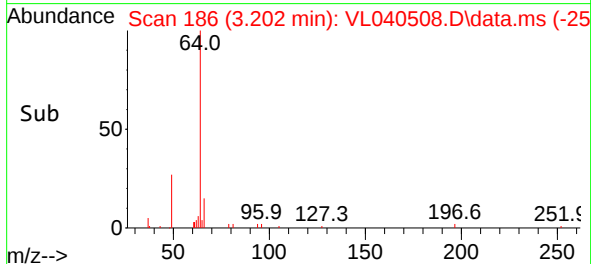
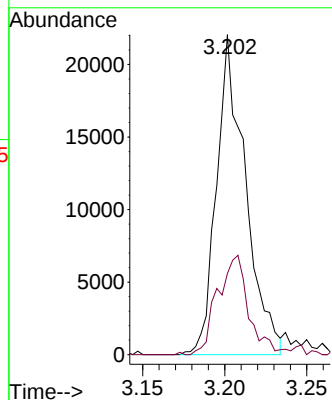
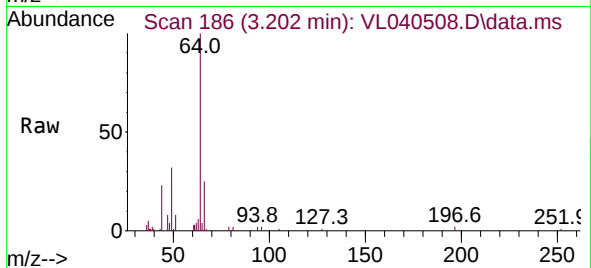
#7
Chloroethane
Concen: 1.056 ppbv
RT: 3.202 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 64 Resp: 27049
Ion Ratio Lower Upper
64 100
66 25.4 25.6 38.4

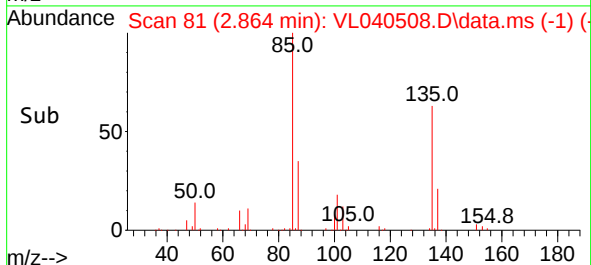
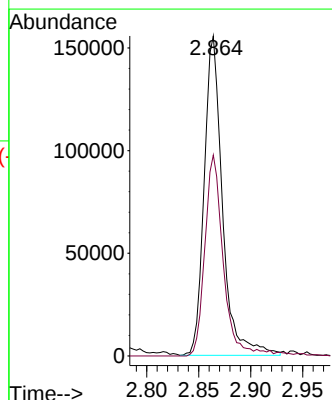
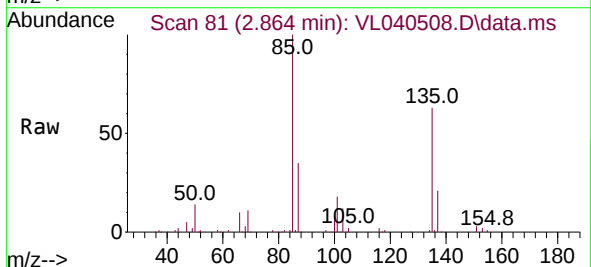
Manual Integrations
APPROVED

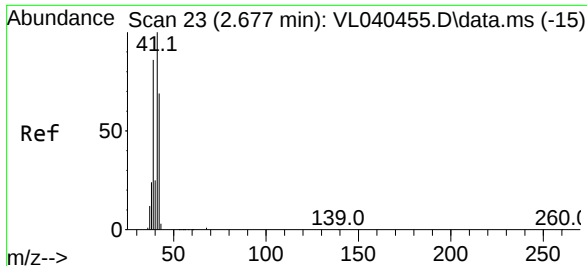
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#8
Dichlorotetrafluoroethane
Concen: 1.020 ppbv
RT: 2.864 min Scan# 81
Delta R.T. 0.019 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 85 Resp: 190092
Ion Ratio Lower Upper
85 100
135 64.6 52.0 78.0





#9

Propene

Concen: 1.151 ppbv

RT: 2.700 min Scan# 30

Delta R.T. 0.023 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 6305

Ion Ratio Lower Upper

41 100

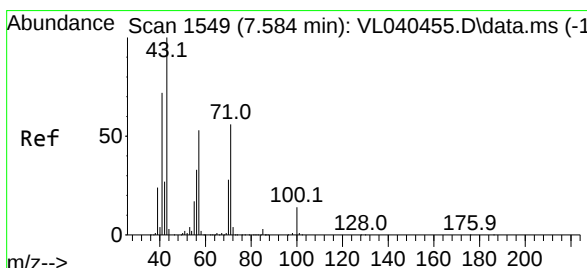
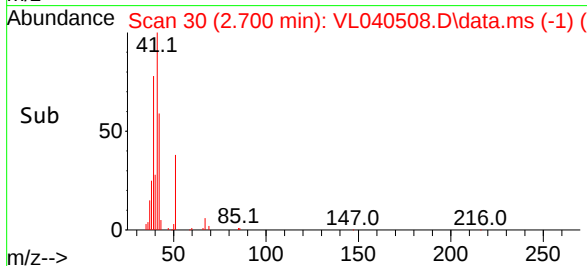
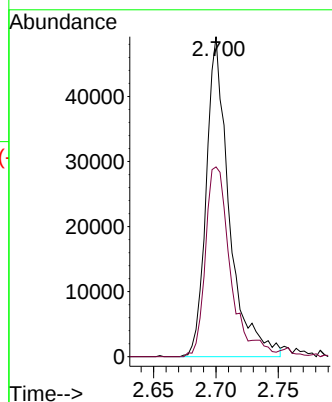
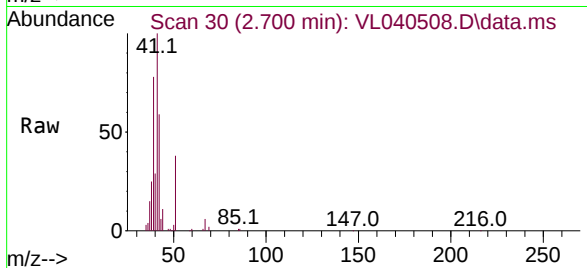
42 67.3 56.2 84.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#10

Heptane

Concen: 1.084 ppbv

RT: 7.587 min Scan# 1550

Delta R.T. 0.003 min

Lab File: VL040508.D

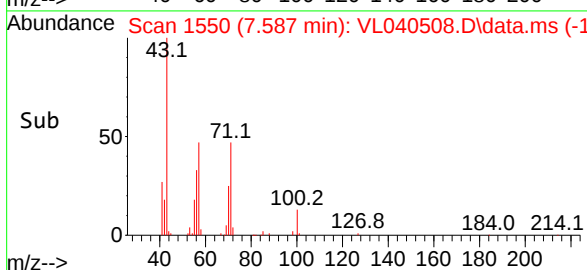
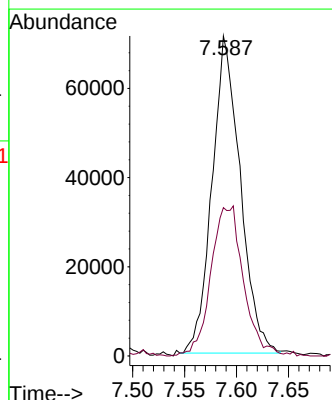
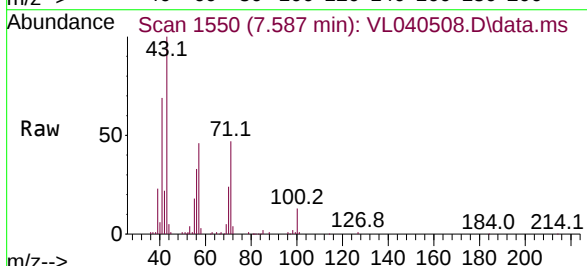
Acq: 10 Jul 2023 13:08

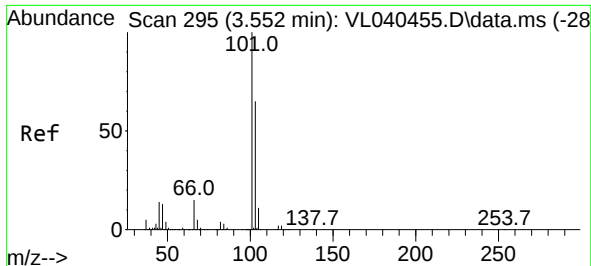
Tgt Ion: 43 Resp: 134355

Ion Ratio Lower Upper

43 100

57 54.7 42.5 63.7





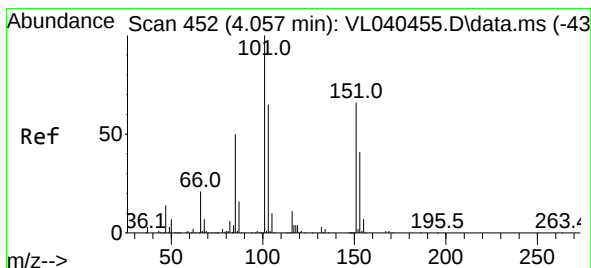
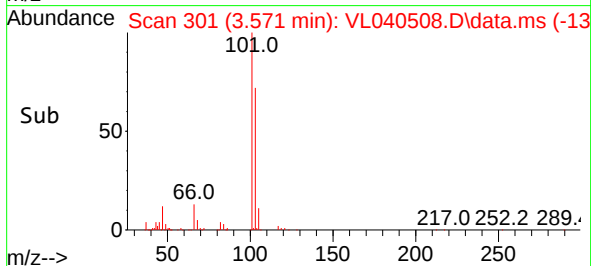
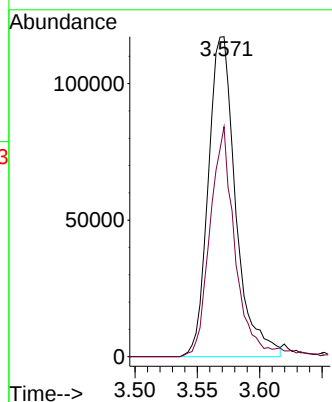
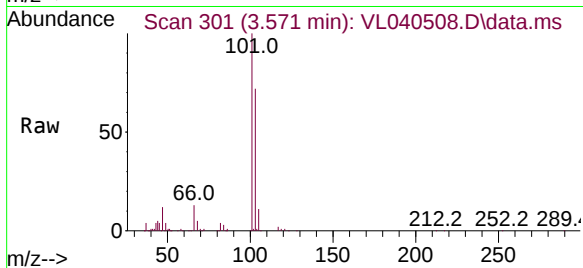
#11
 Trichlorofluoromethane
 Concen: 0.935 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. 0.019 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion:101 Resp: 179692
 Ion Ratio Lower Upper
 101 100
 103 71.9 51.7 77.5

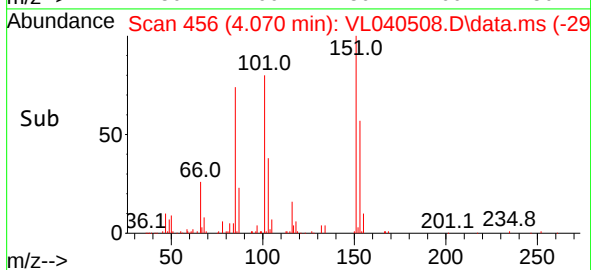
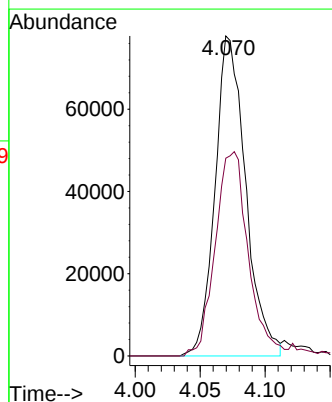
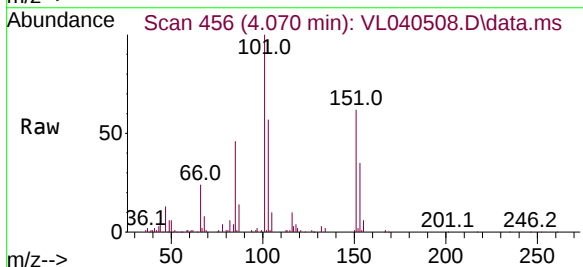
Manual Integrations
 APPROVED

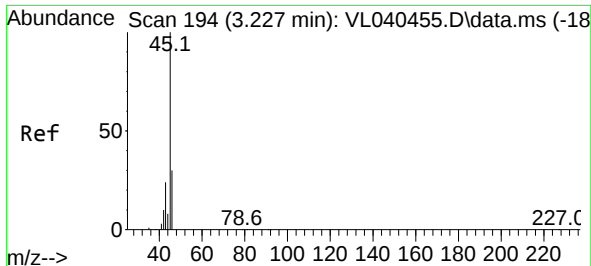
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.950 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.013 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

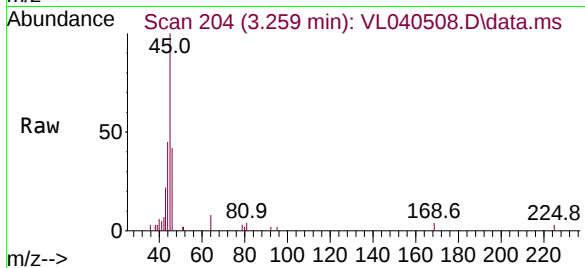
Tgt Ion:101 Resp: 127524
 Ion Ratio Lower Upper
 101 100
 151 71.1 54.3 81.5





#13
Ethanol
Concen: 1.325 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. 0.032 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

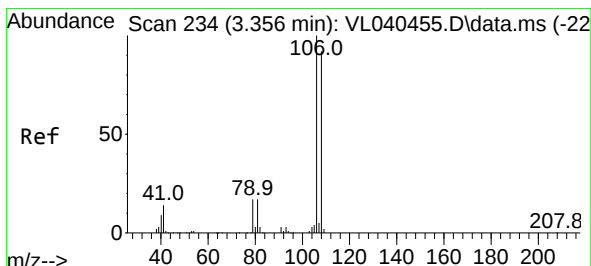
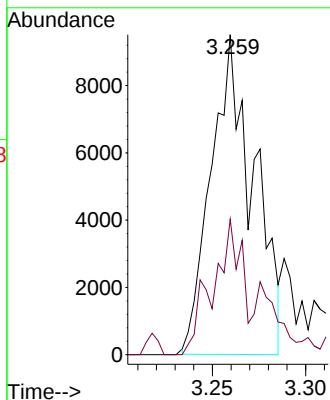
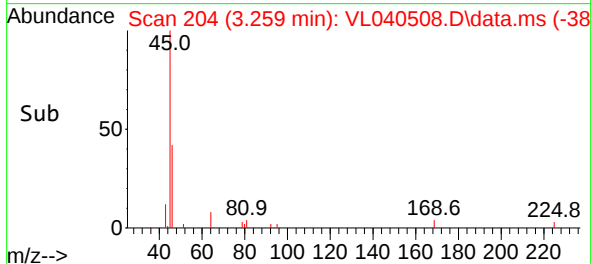
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



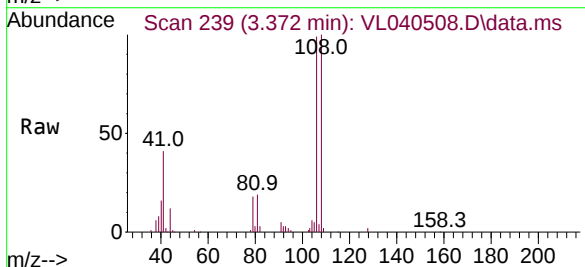
Tgt Ion: 45 Resp: 1502
Ion Ratio Lower Upper
45 100
46 44.7 14.5 58.1

Manual Integrations
APPROVED

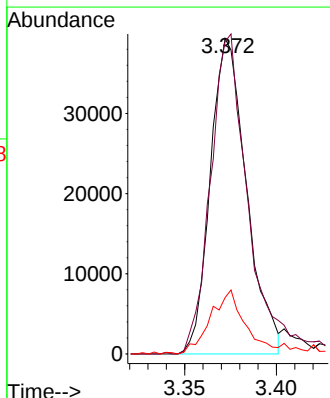
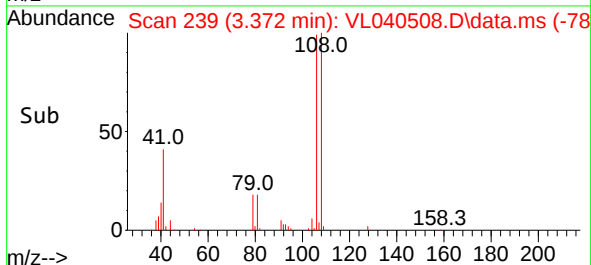
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

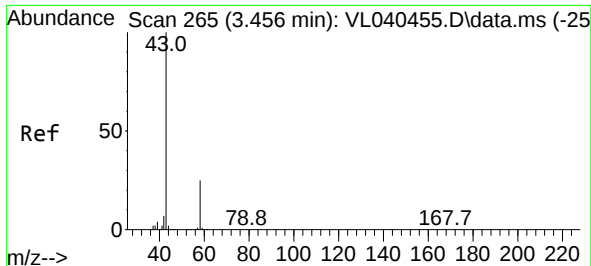


#14
Bromoethene
Concen: 0.961 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.016 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08



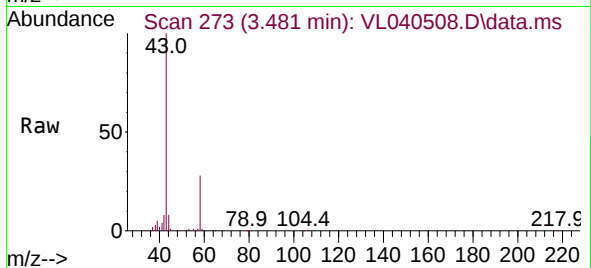
Tgt Ion:108 Resp: 53951
Ion Ratio Lower Upper
108 100
106 108.4 87.4 131.0
79 24.2 15.9 23.9#





#15
Acetone
Concen: 0.987 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

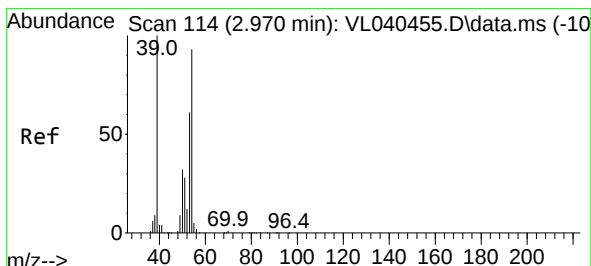
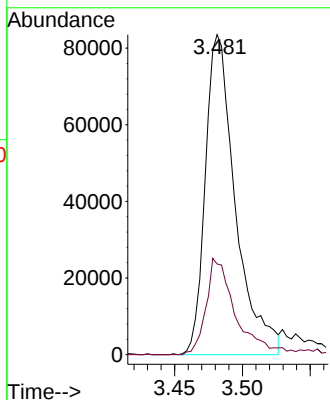
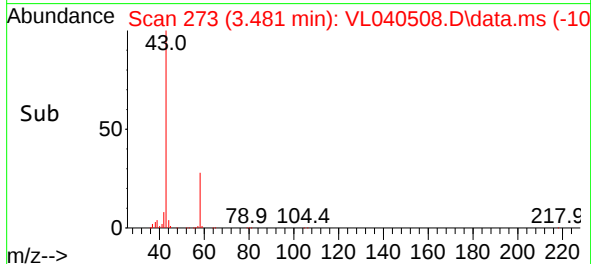
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



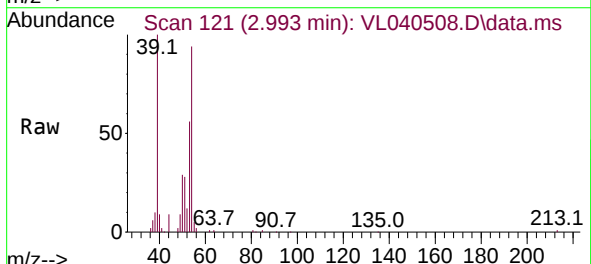
Tgt Ion: 43 Resp: 12912
Ion Ratio Lower Upper
43 100
58 30.5 21.6 32.4

Manual Integrations
APPROVED

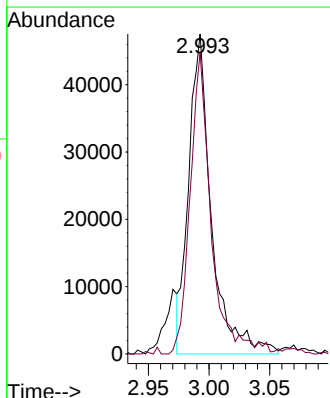
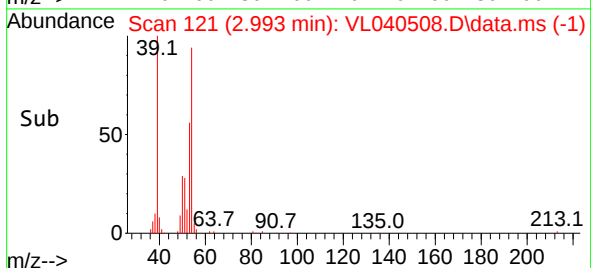
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

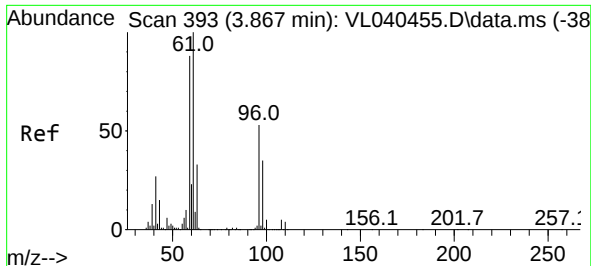


#16
1,3-Butadiene
Concen: 0.972 ppbv m
RT: 2.993 min Scan# 121
Delta R.T. 0.023 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08



Tgt Ion: 39 Resp: 61868
Ion Ratio Lower Upper
39 100
54 0.0 66.9 100.3#





#17

tert-Butyl alcohol

Concen: 1.349 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.026 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 59 Resp: 14502

Ion Ratio Lower Upper

59 100

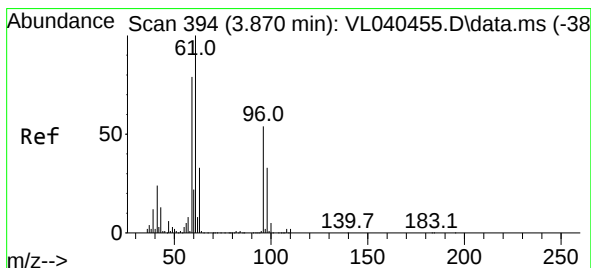
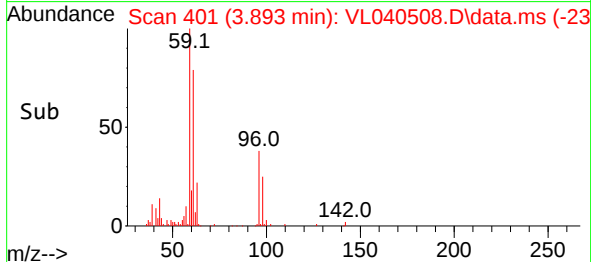
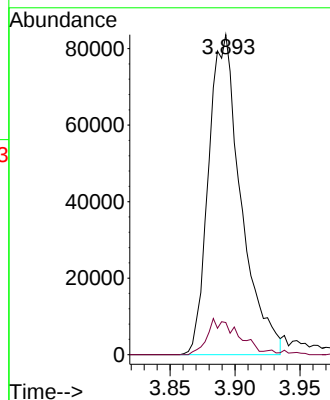
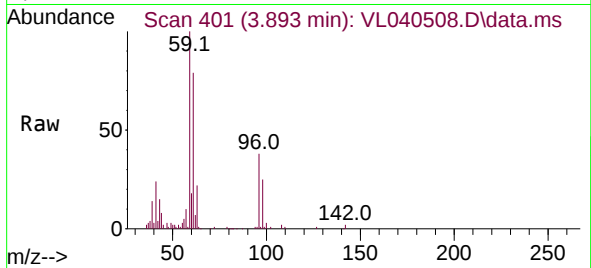
57 11.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#18

1,1-Dichloroethene

Concen: 0.944 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.013 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

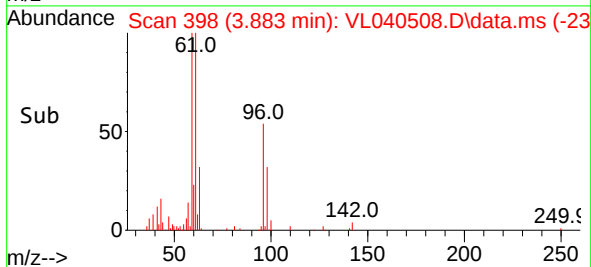
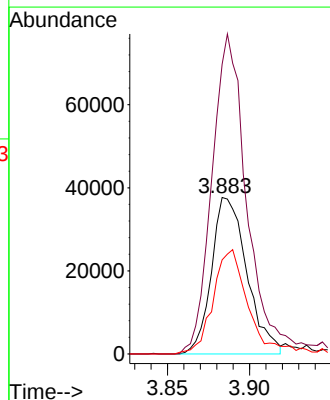
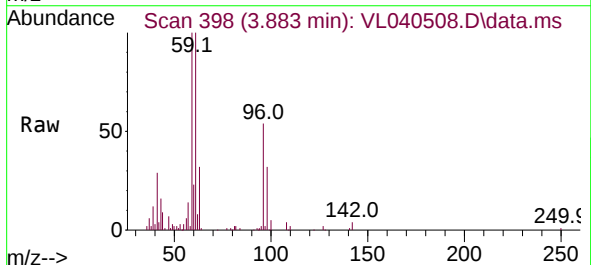
Tgt Ion: 96 Resp: 56442

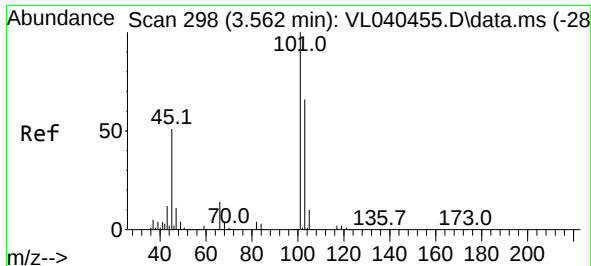
Ion Ratio Lower Upper

96 100

61 184.6 149.5 224.3

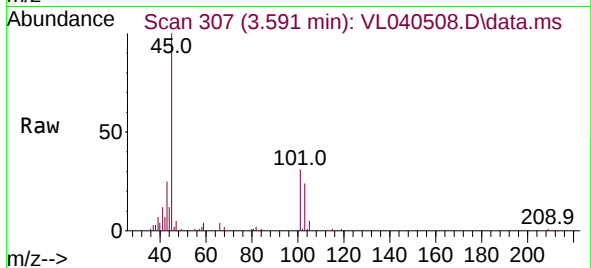
98 58.9 48.7 73.1





#19
Isopropyl Alcohol
Concen: 1.293 ppbv
RT: 3.591 min Scan# 307
Delta R.T. 0.029 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

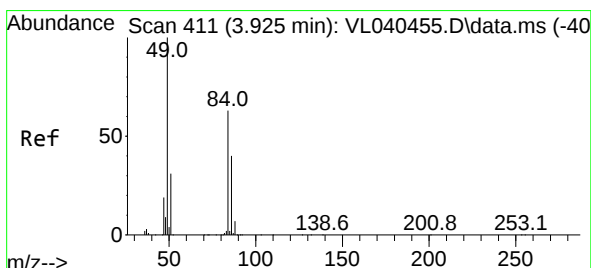
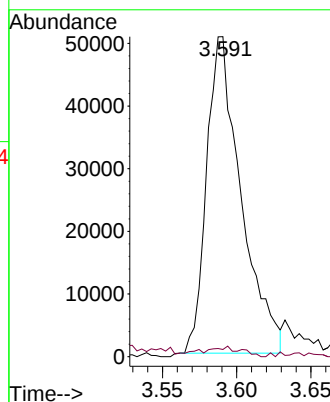
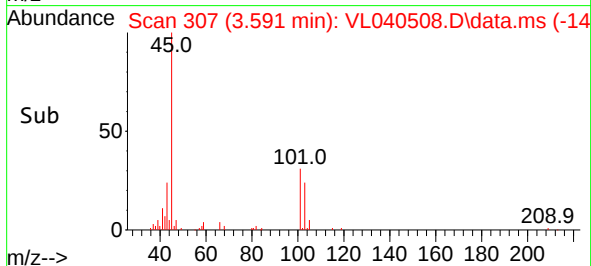
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 45 Resp: 81479
Ion Ratio Lower Upper
45 100
58 3.9 2.6 4.0

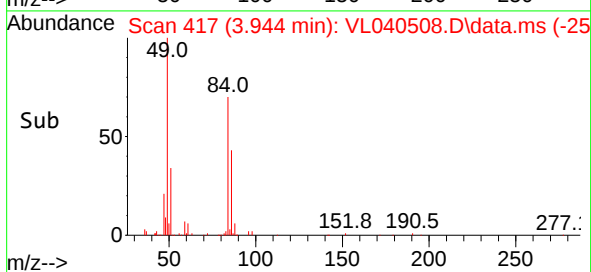
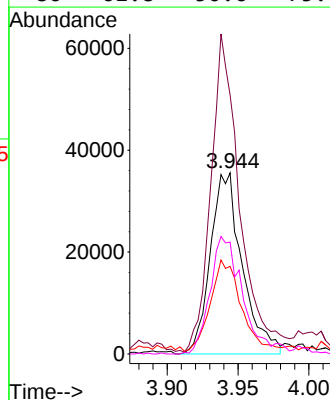
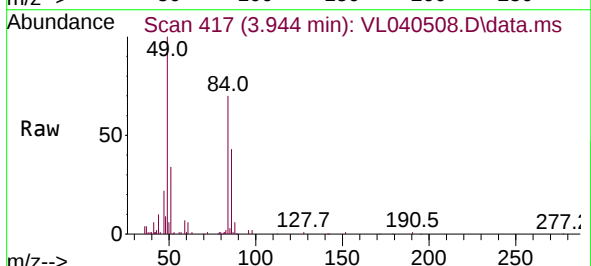
Manual Integrations
APPROVED

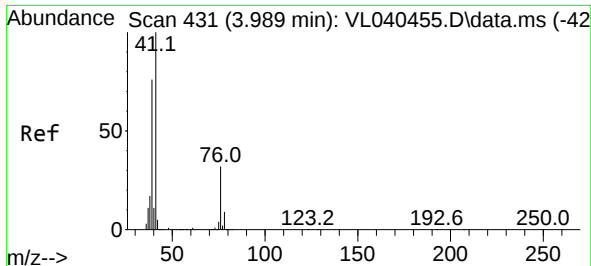
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#20
Methylene Chloride
Concen: 0.997 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.019 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 84 Resp: 55631
Ion Ratio Lower Upper
84 100
49 141.0 126.2 189.2
51 44.8 38.7 58.1
86 61.8 50.6 75.8





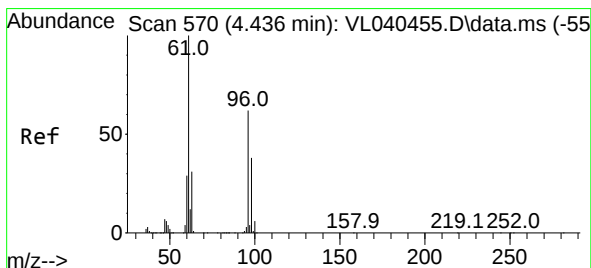
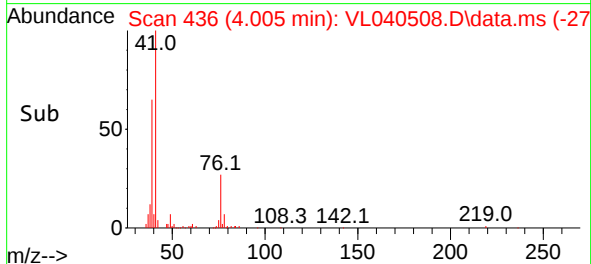
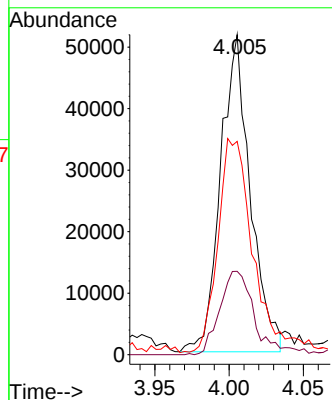
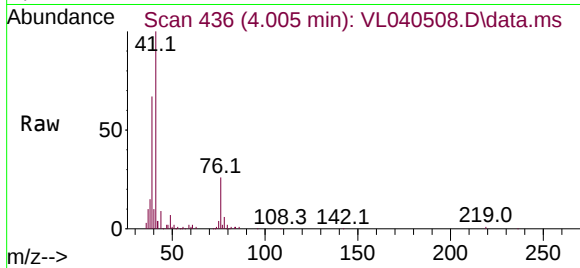
#21
 Allyl Chloride
 Concen: 0.973 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 41 Resp: 71904
 Ion Ratio Lower Upper
 41 100
 76 31.0 26.1 39.1
 39 82.6 63.9 95.9

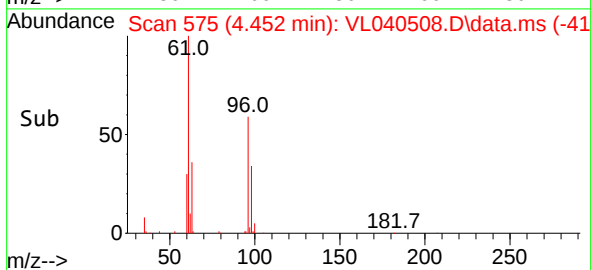
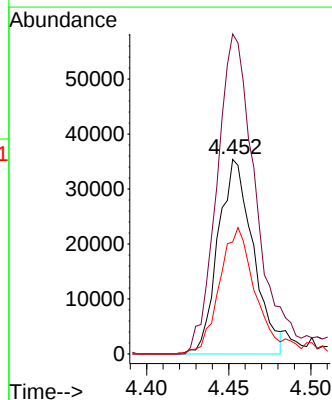
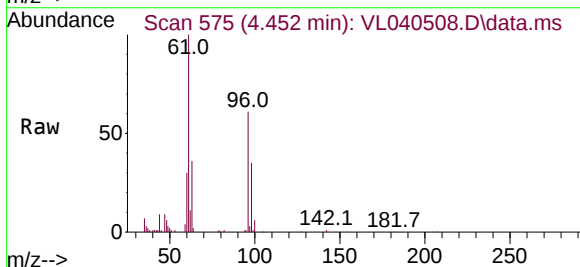
Manual Integrations
 APPROVED

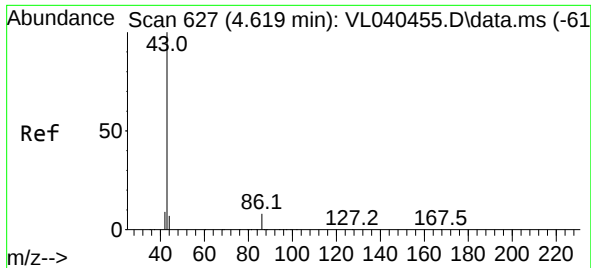
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.855 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.016 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Tgt Ion: 96 Resp: 52464
 Ion Ratio Lower Upper
 96 100
 61 164.5 128.1 192.1
 98 56.9 48.2 72.4





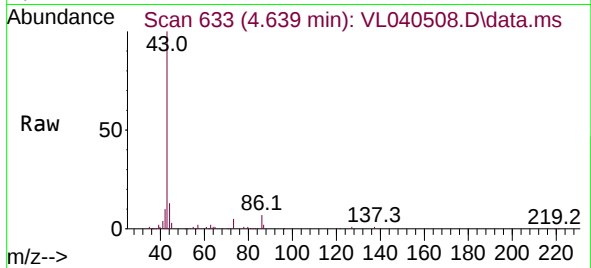
#23
 Vinyl Acetate
 Concen: 0.913 ppbv
 RT: 4.639 min Scan# 611
 Delta R.T. 0.019 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

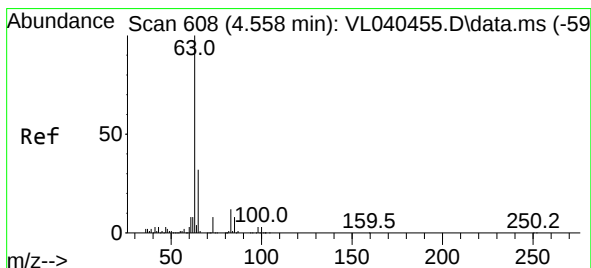
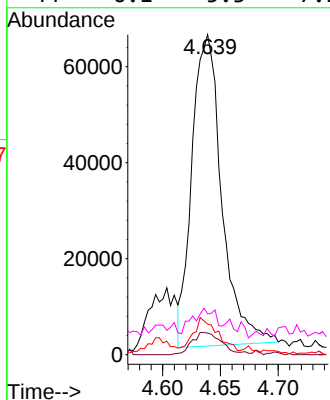
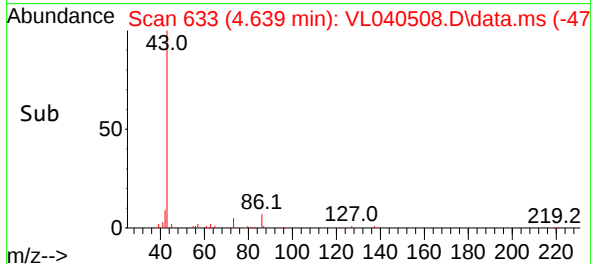


Tgt Ion: 43 Resp: 11664
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.8 8.6
 42 8.9 7.4 11.2
 44 6.1 5.3 7.9

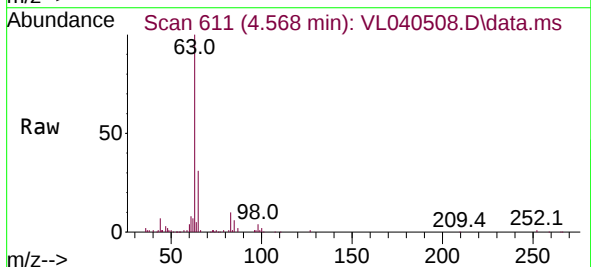
Manual Integrations

APPROVED

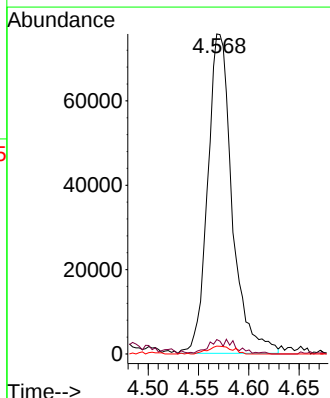
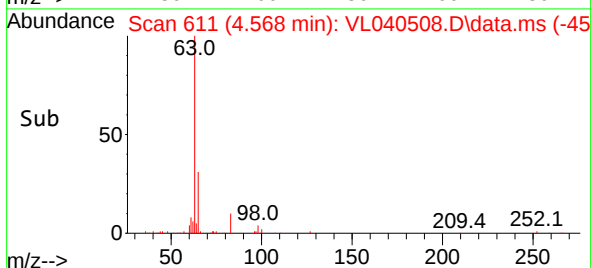
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

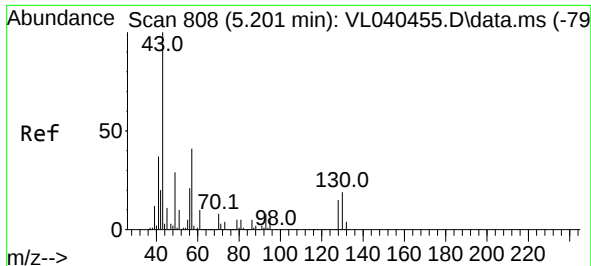


#24
 1,1-Dichloroethane
 Concen: 0.999 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.010 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08



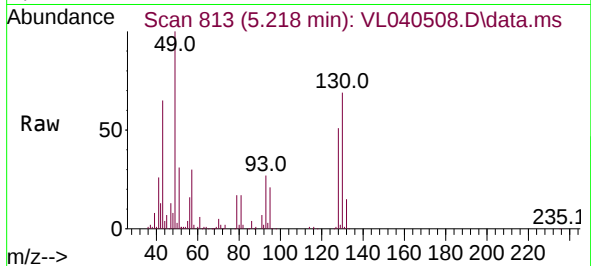
Tgt Ion: 63 Resp: 127940
 Ion Ratio Lower Upper
 63 100
 98 4.5 1.8 5.5
 100 2.4 1.4 4.0





#25
Ethyl Acetate
Concen: 1.045 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.016 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

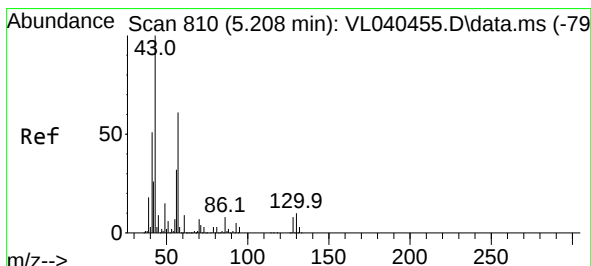
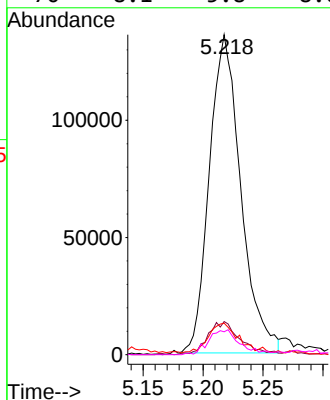
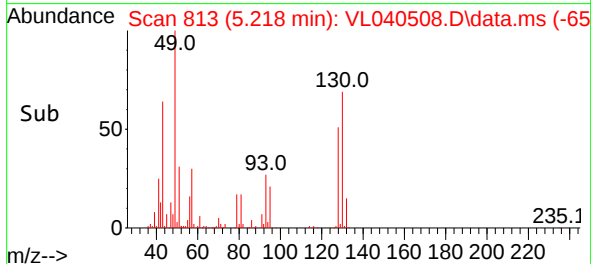
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



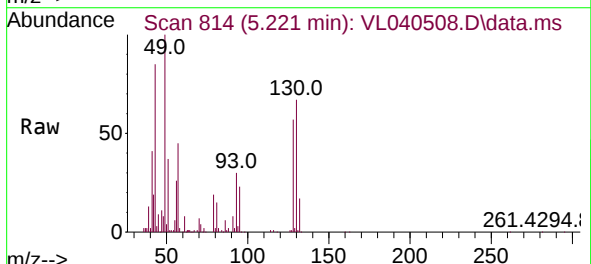
Tgt Ion: 43 Resp: 247639
Ion Ratio Lower Upper
43 100
45 11.3 8.0 12.0
61 10.8 8.1 12.1
70 8.1 5.8 8.6

Manual Integrations
APPROVED

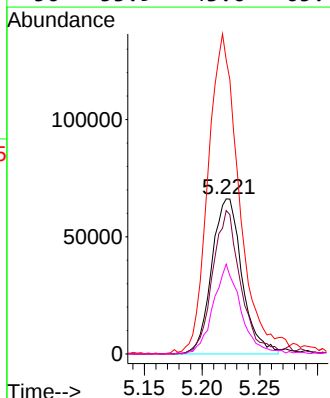
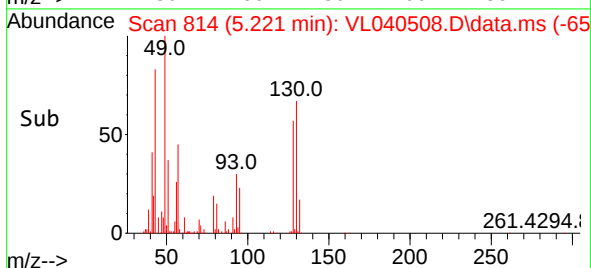
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

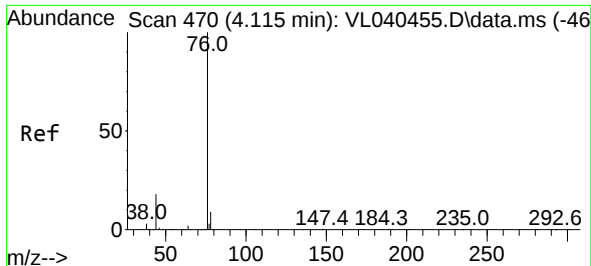


#26
Hexane
Concen: 1.075 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.013 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08



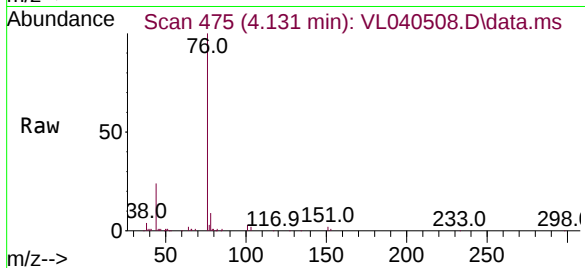
Tgt Ion: 57 Resp: 120569
Ion Ratio Lower Upper
57 100
41 89.6 73.0 109.6
43 217.0 177.5 266.3
56 53.9 43.6 65.4





#27
Carbon Disulfide
Concen: 0.895 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

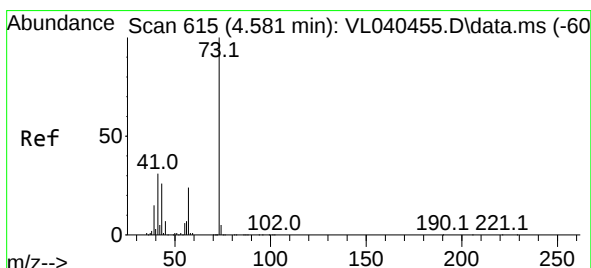
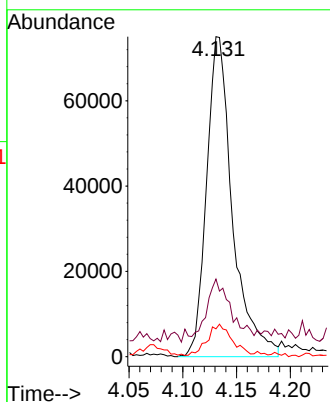
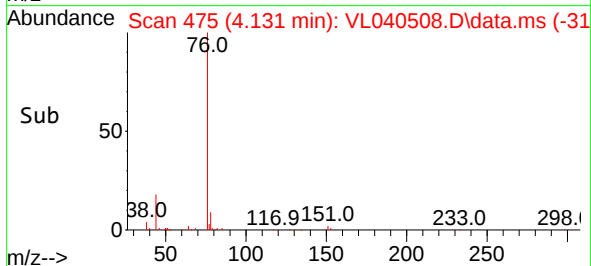
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 76 Resp: 125540
Ion Ratio Lower Upper
76 100
44 28.8 14.6 22.0
78 11.1 7.6 11.4

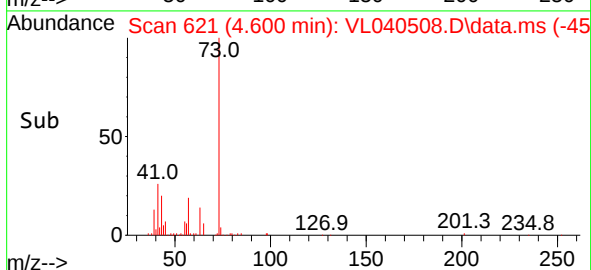
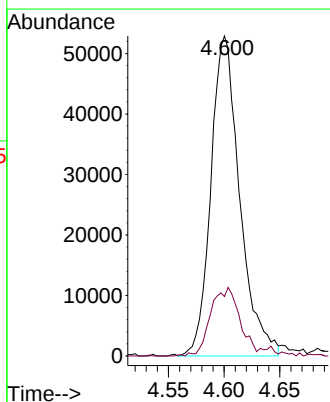
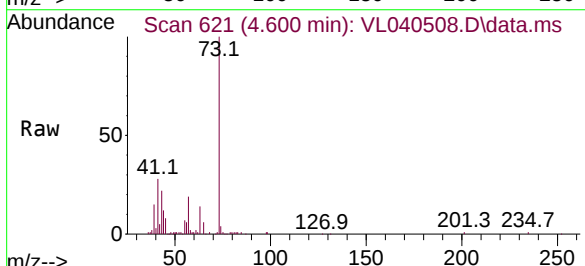
Manual Integrations
APPROVED

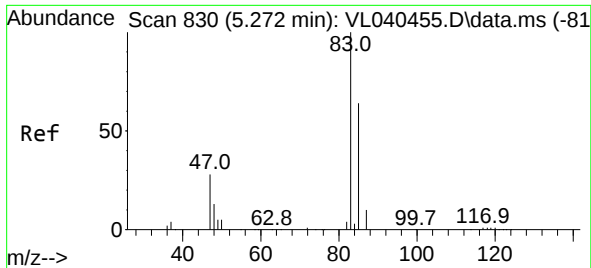
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#28
Methyl tert-Butyl Ether
Concen: 1.104 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.019 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

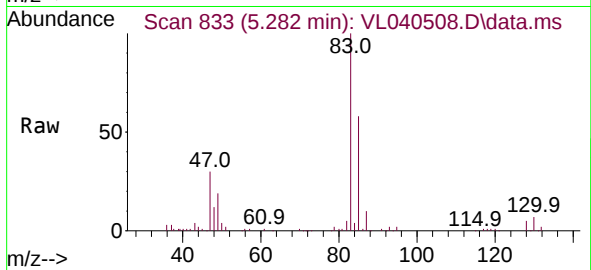
Tgt Ion: 73 Resp: 95326
Ion Ratio Lower Upper
73 100
57 23.0 19.0 28.4





#29
Chloroform
Concen: 1.024 ppbv
RT: 5.282 min Scan# 830
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

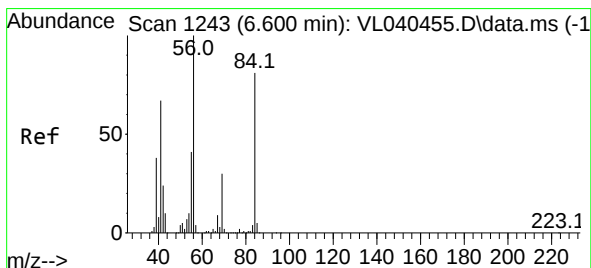
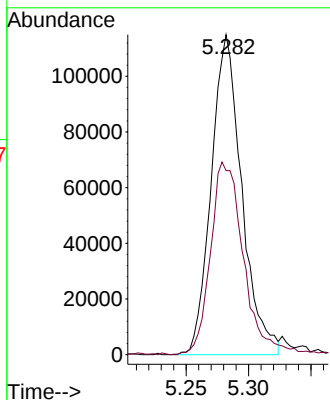
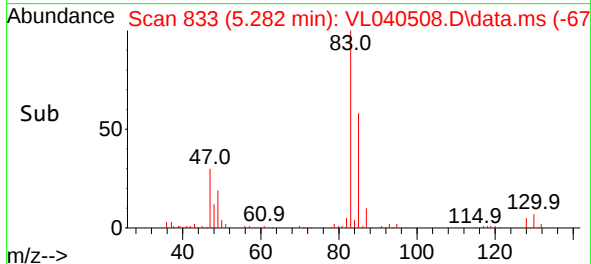
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 83 Resp: 195759
Ion Ratio Lower Upper
83 100
85 57.3 51.1 76.7

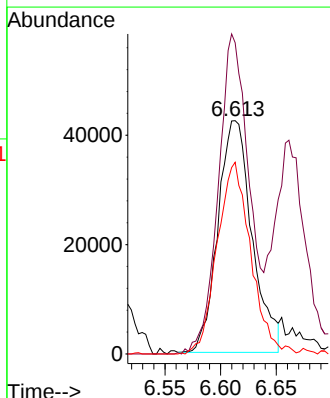
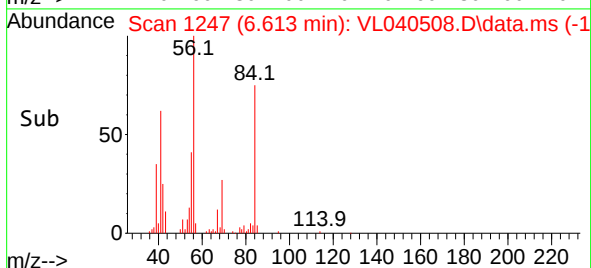
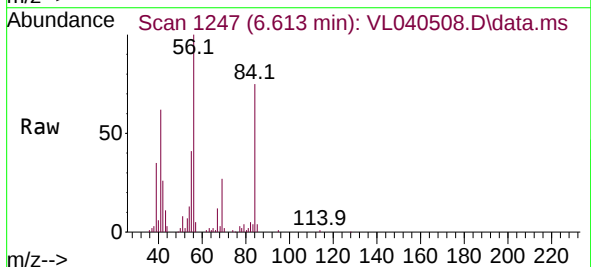
Manual Integrations
APPROVED

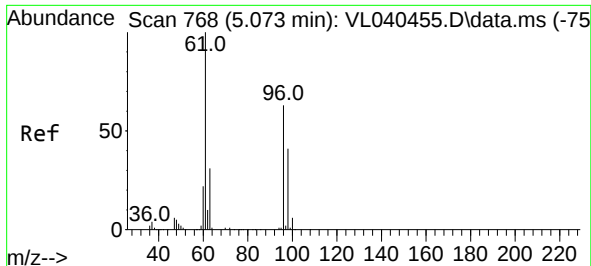
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#30
Cyclohexane
Concen: 1.001 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.013 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

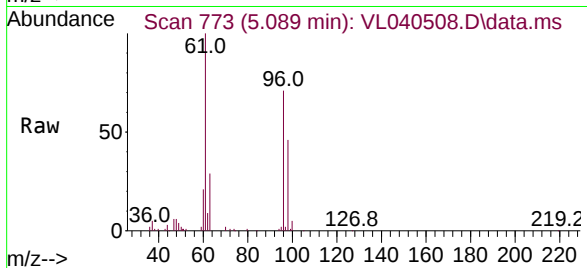
Tgt Ion: 84 Resp: 90485
Ion Ratio Lower Upper
84 100
56 128.3 106.0 159.0
41 82.2 66.8 100.2





#31
 cis-1,2-Dichloroethene
 Concen: 1.019 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

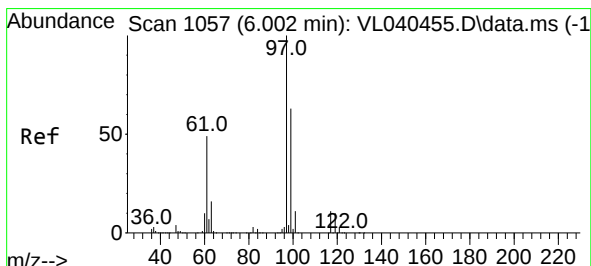
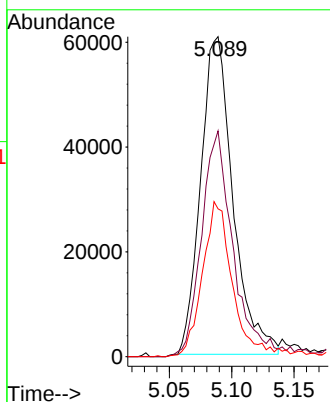
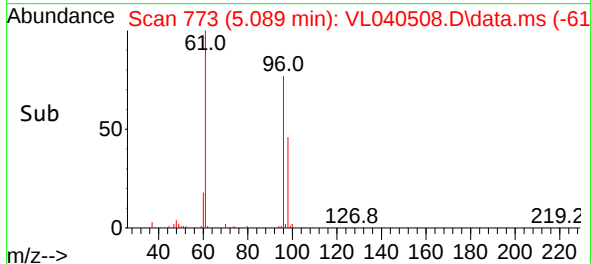
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001



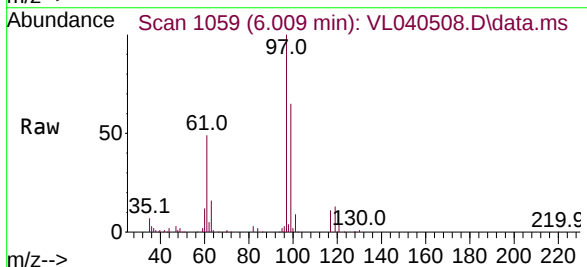
Tgt Ion: 61 Resp: 109425
 Ion Ratio Lower Upper
 61 100
 96 69.5 50.2 75.4
 98 46.0 32.9 49.3

Manual Integrations
 APPROVED

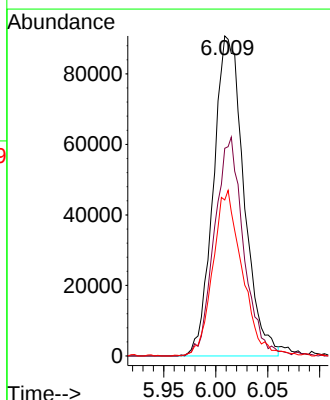
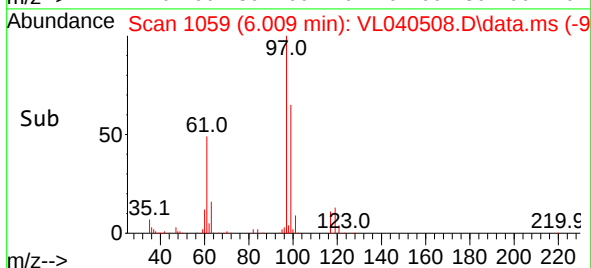
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

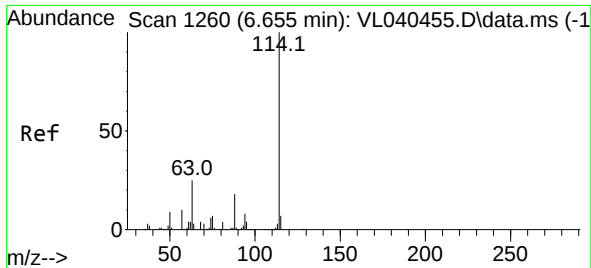


#32
 1,1,1-Trichloroethane
 Concen: 0.980 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.007 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08



Tgt Ion: 97 Resp: 184896
 Ion Ratio Lower Upper
 97 100
 99 65.9 51.5 77.3
 61 50.2 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 1

Delta R.T. 0.010 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 296185

Ion Ratio Lower Upper

114 100

63 24.6 21.0 31.6

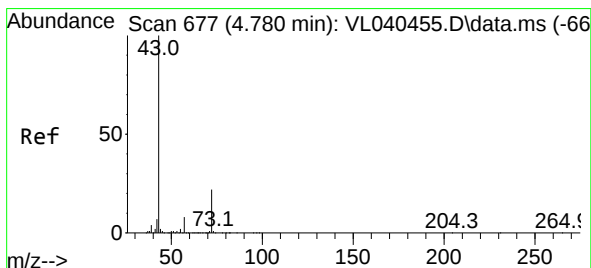
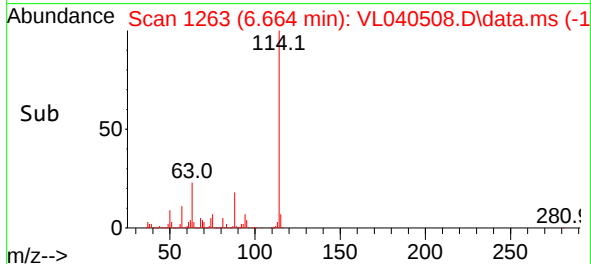
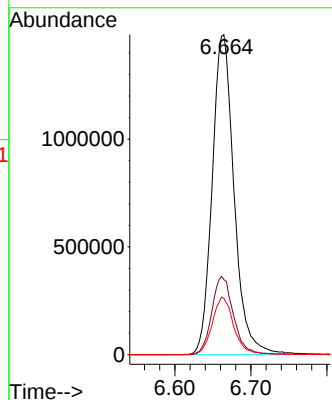
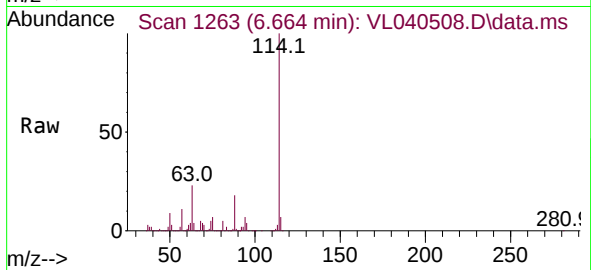
88 17.9 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

2-Butanone

Concen: 1.042 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.023 min

Lab File: VL040508.D

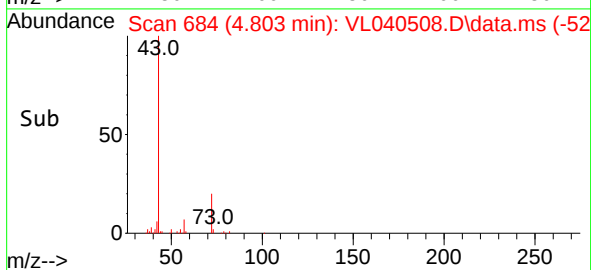
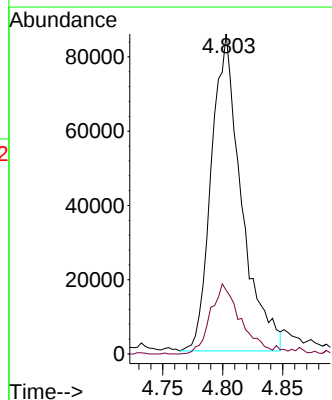
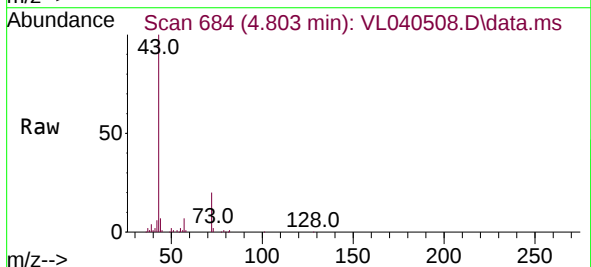
Acq: 10 Jul 2023 13:08

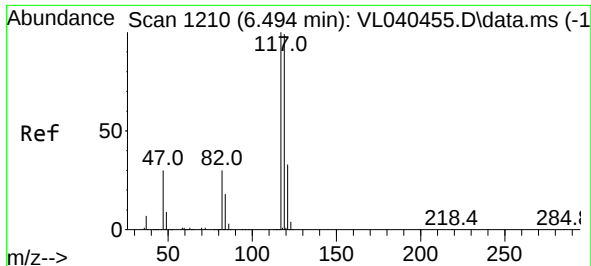
Tgt Ion: 43 Resp: 148803

Ion Ratio Lower Upper

43 100

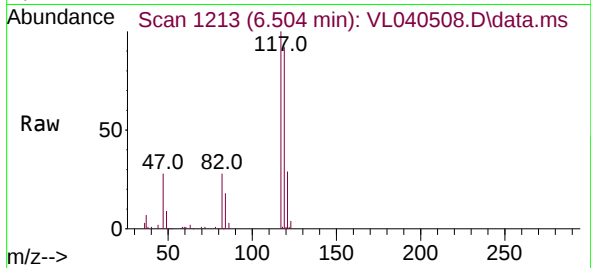
72 23.7 18.1 27.1





#35
Carbon Tetrachloride
Concen: 0.889 ppbv
RT: 6.504 min Scan# 1174
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

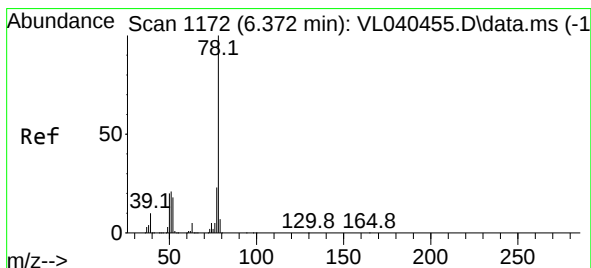
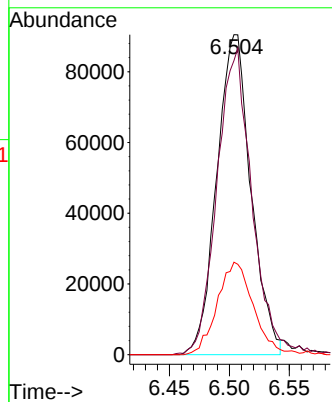
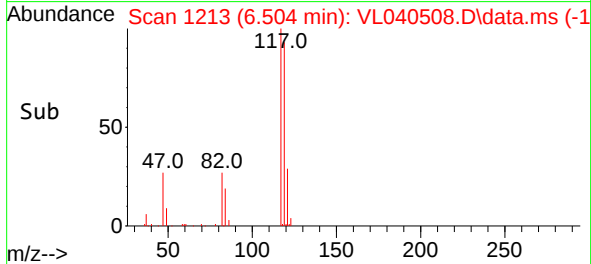
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 17942
Ion Ratio Lower Upper
117 100
119 91.4 79.1 118.7
121 28.9 26.0 39.0

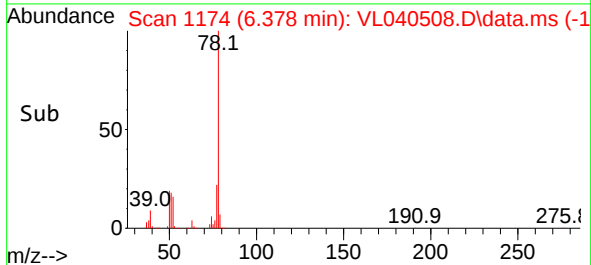
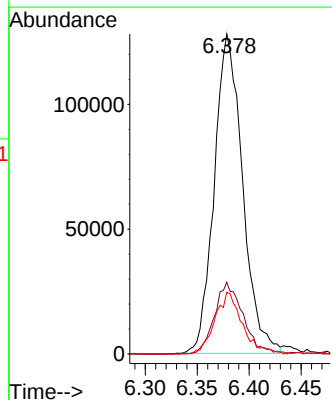
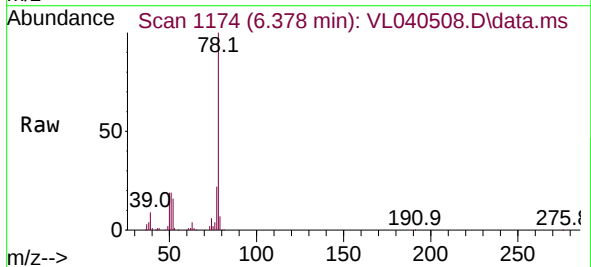
Manual Integrations
APPROVED

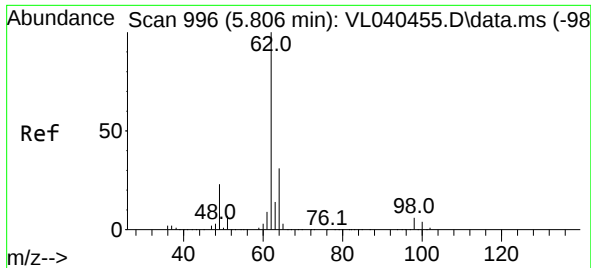
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
Benzene
Concen: 1.029 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 78 Resp: 242524
Ion Ratio Lower Upper
78 100
77 22.4 18.5 27.7
50 19.3 16.1 24.1





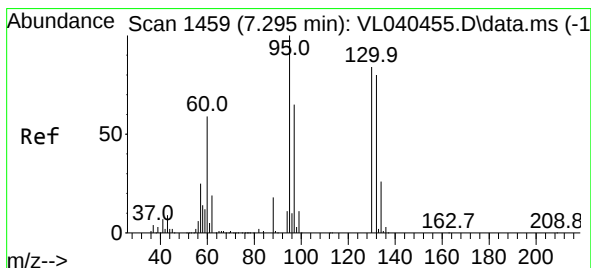
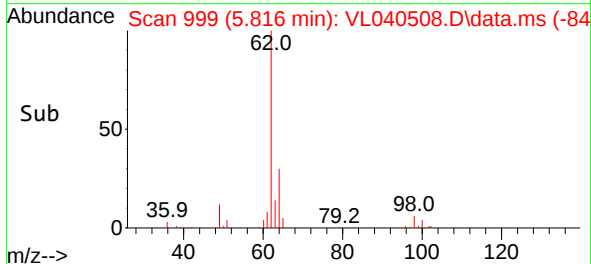
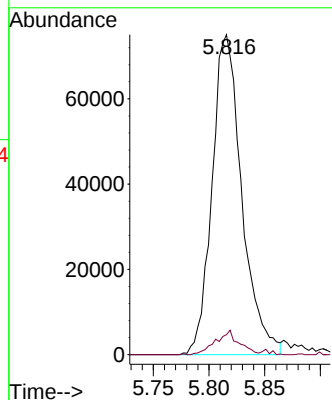
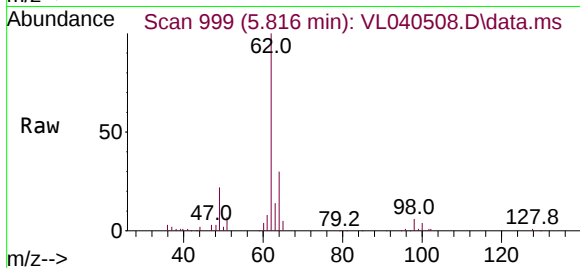
#37
1,2-Dichloroethane
Concen: 0.908 ppbv
RT: 5.816 min Scan# 996
Delta R.T. 0.010 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 13936
Ion Ratio Lower Upper
62 100
98 6.6 4.6 6.8

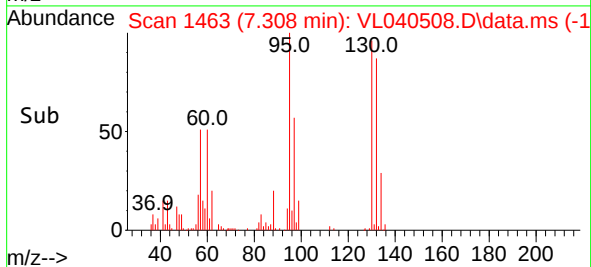
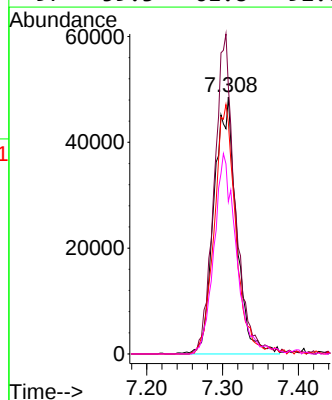
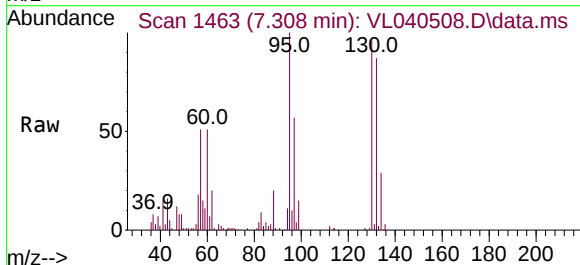
Manual Integrations
APPROVED

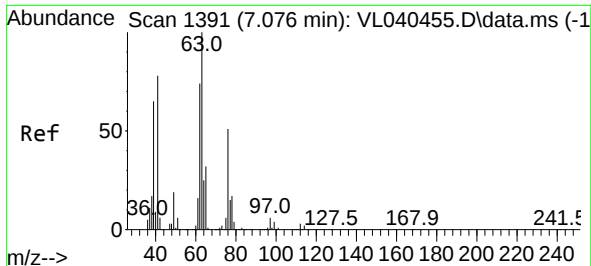
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Trichloroethene
Concen: 1.118 ppbv m
RT: 7.308 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:130 Resp: 99807
Ion Ratio Lower Upper
130 100
95 104.1 95.4 143.0
132 90.1 76.3 114.5
97 59.3 61.8 92.6#





#39

1,2-Dichloropropane

Concen: 1.012 ppbv

RT: 7.079 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

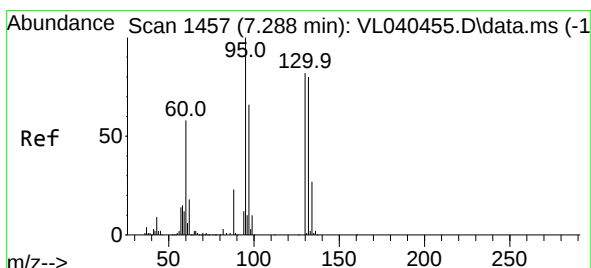
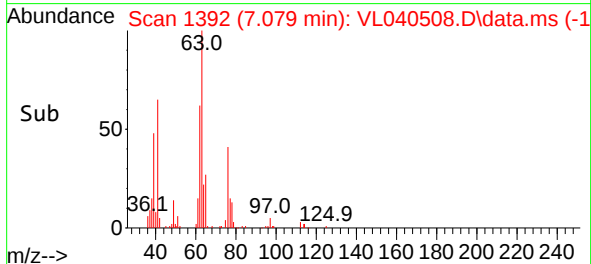
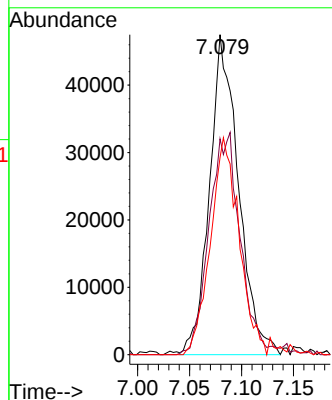
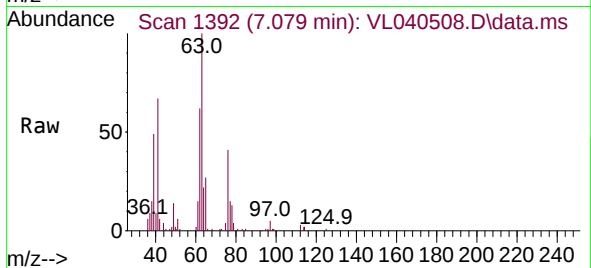
Tgt Ion: 63 Resp: 91869

Ion	Ratio	Lower	Upper
63	100		
41	67.5	62.2	93.2
62	62.0	59.0	88.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#40

1,4-Dioxane

Concen: 1.075 ppbv

RT: 7.320 min Scan# 1467

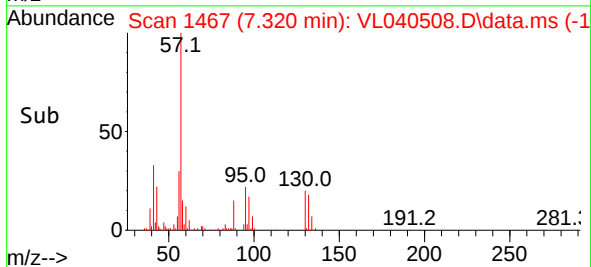
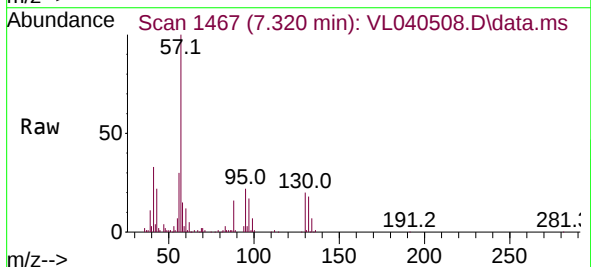
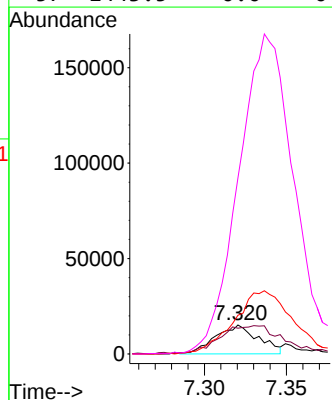
Delta R.T. 0.032 min

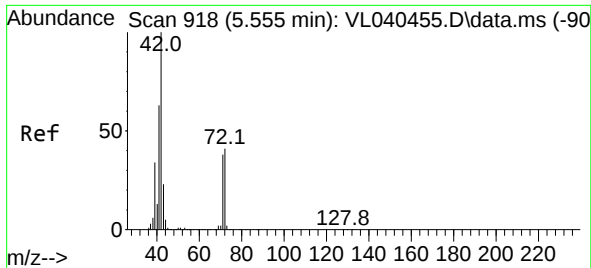
Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion: 88 Resp: 27659

Ion	Ratio	Lower	Upper
88	100		
58	154.8	0.0	0.0#
43	309.4	0.0	0.0#
57	1443.5	0.0	0.0#





#41

Tetrahydrofuran

Concen: 1.079 ppbv

RT: 5.581 min Scan# 918

Delta R.T. 0.026 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

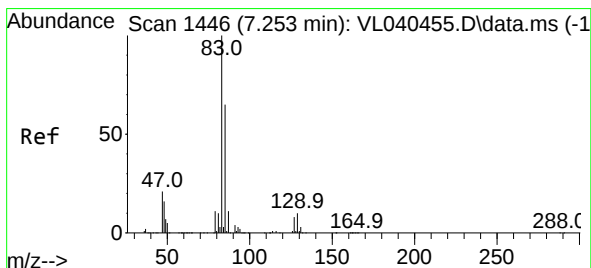
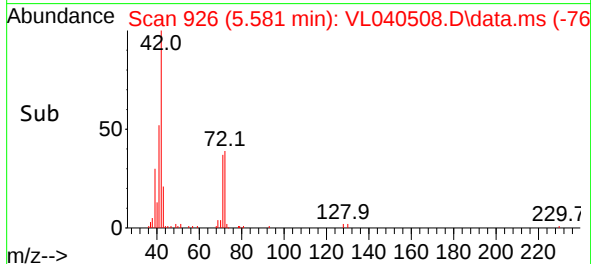
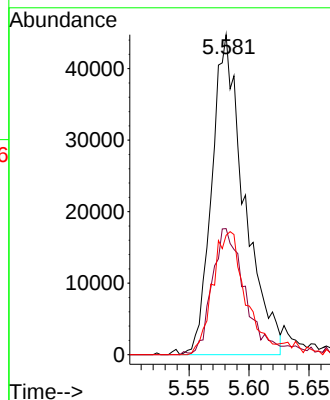
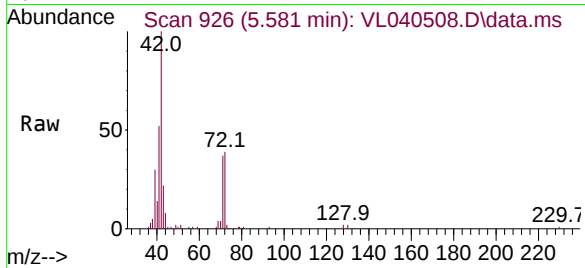
VSTDIC001

Tgt Ion:	42	Resp:	84254
Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.8	50.8
71	42.2	32.3	48.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#42

Bromodichloromethane

Concen: 0.920 ppbv

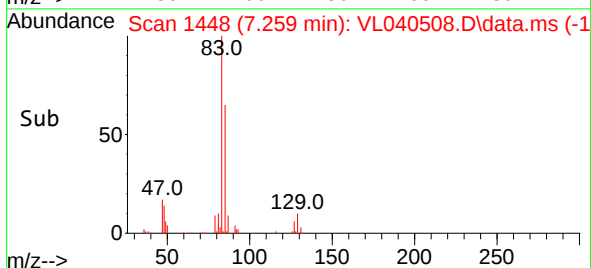
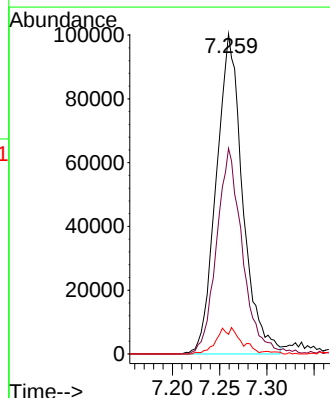
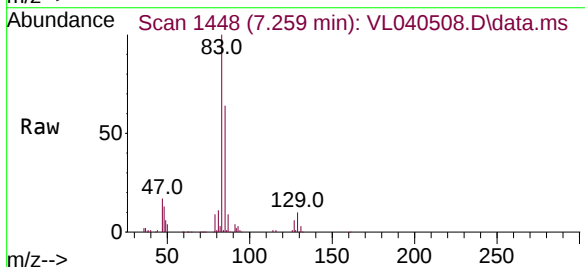
RT: 7.259 min Scan# 1448

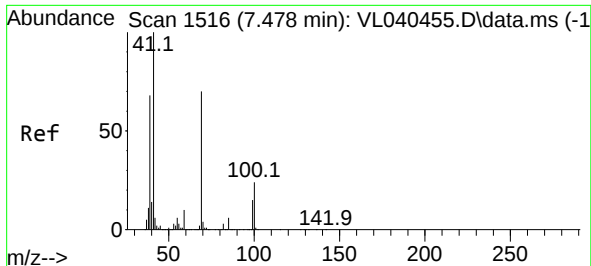
Delta R.T. 0.007 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion:	83	Resp:	194429
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.6
127	6.2	6.1	9.1





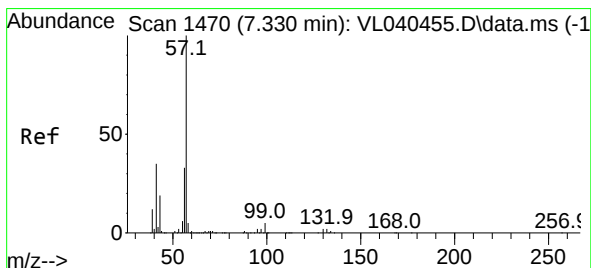
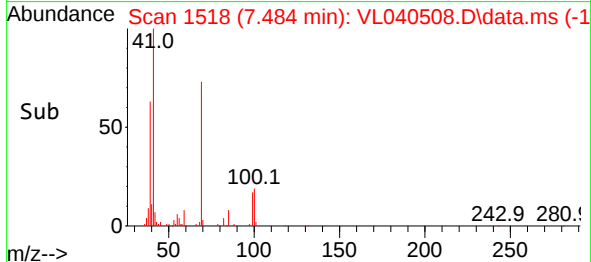
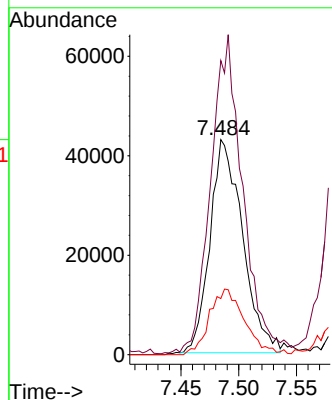
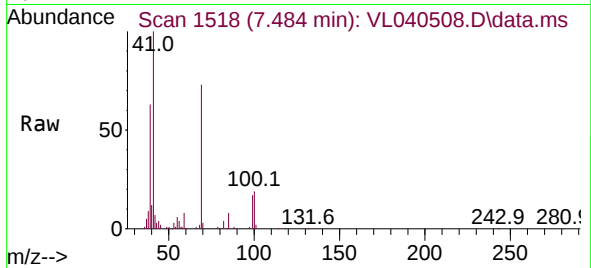
#43
Methyl Methacrylate
Concen: 0.994 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 8412
Ion Ratio Lower Upper
69 100
41 149.1 114.3 171.5
100 33.5 25.4 38.2

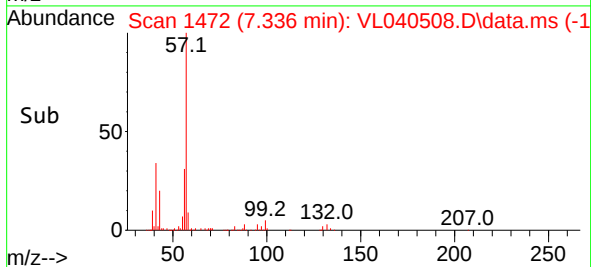
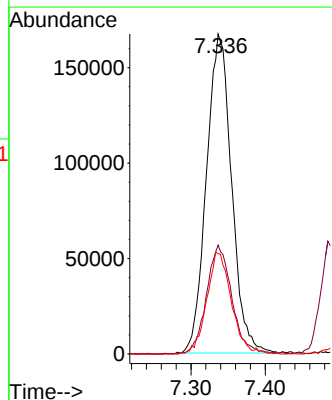
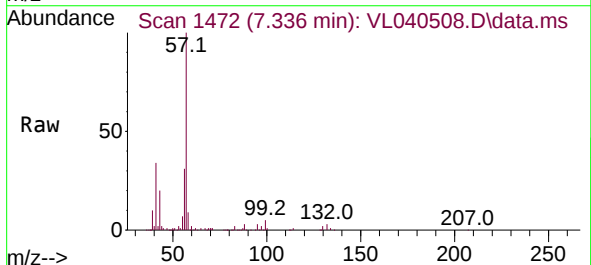
Manual Integrations
APPROVED

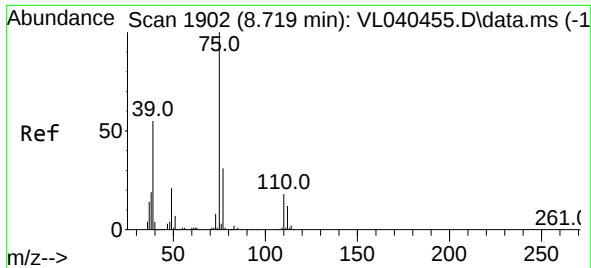
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
2,2,4-Trimethylpentane
Concen: 1.021 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 57 Resp: 393117
Ion Ratio Lower Upper
57 100
41 34.5 27.8 41.8
56 31.2 25.3 37.9





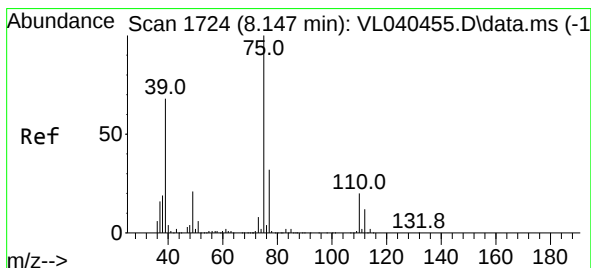
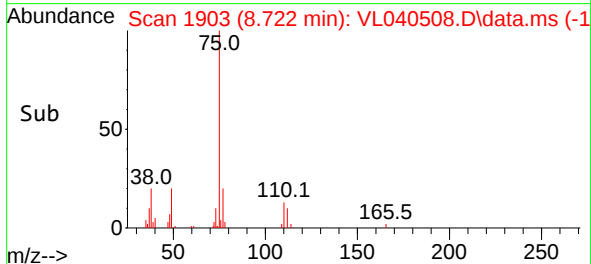
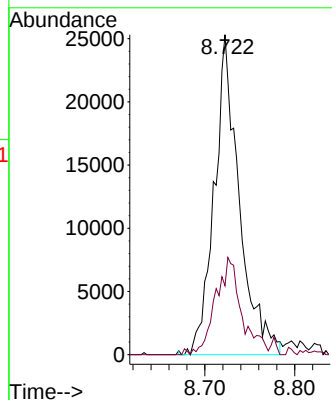
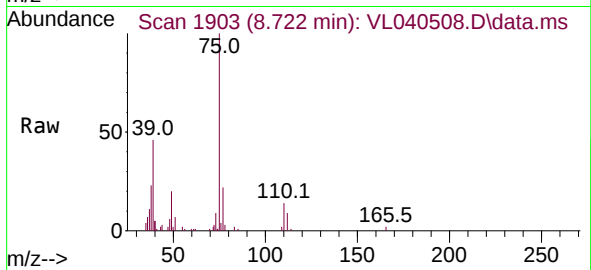
#45
t-1,3-Dichloropropene
Concen: 0.780 ppbv m
RT: 8.722 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 4875
Ion Ratio Lower Upper
75 100
77 21.6 25.0 37.4

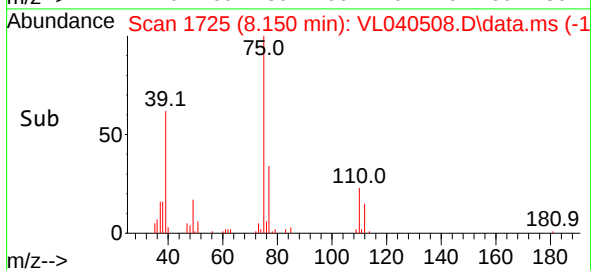
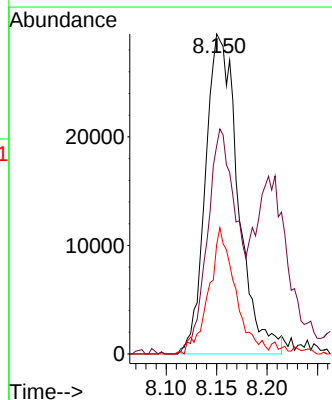
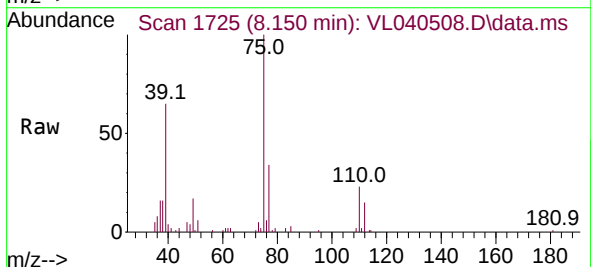
Manual Integrations
APPROVED

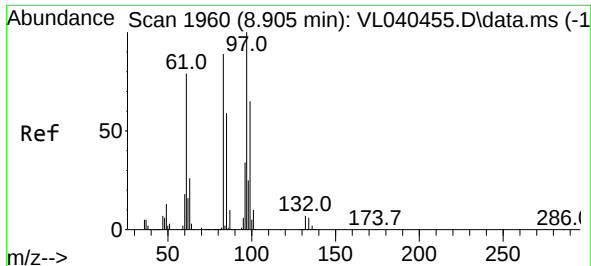
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#46
cis-1,3-Dichloropropene
Concen: 0.871 ppbv m
RT: 8.150 min Scan# 1725
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 75 Resp: 66332
Ion Ratio Lower Upper
75 100
39 65.1 54.2 81.4
77 34.2 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 1.005 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. 0.003 min

Lab File: VL040508.D

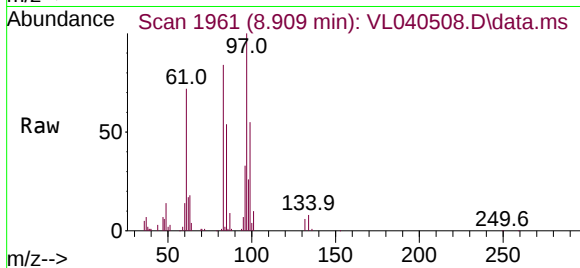
Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion: 97 Resp: 100280

Ion Ratio Lower Upper

97 100

83 83.6 71.4 107.2

85 53.8 47.2 70.8

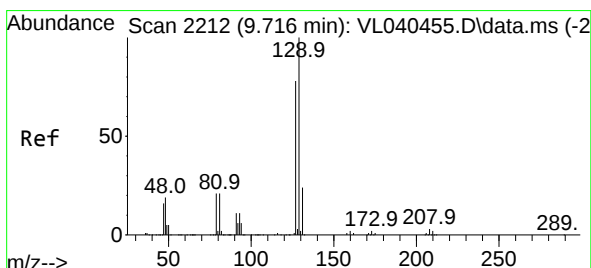
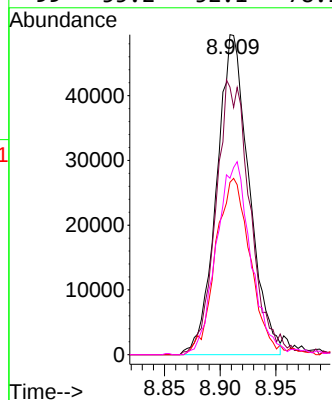
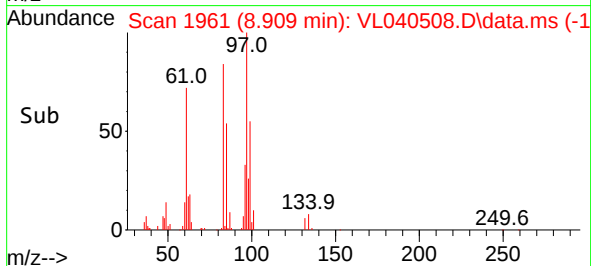
99 55.2 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#48

Dibromochloromethane

Concen: 0.917 ppbv

RT: 9.725 min Scan# 2215

Delta R.T. 0.010 min

Lab File: VL040508.D

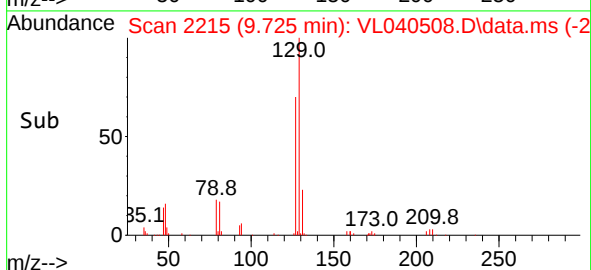
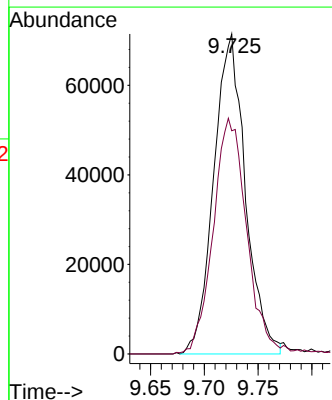
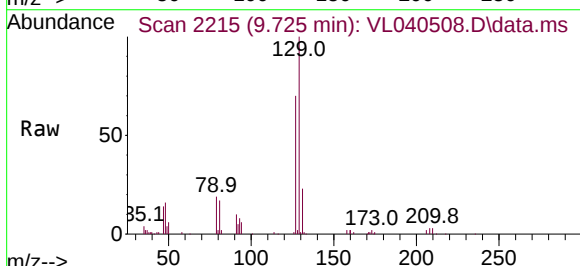
Acq: 10 Jul 2023 13:08

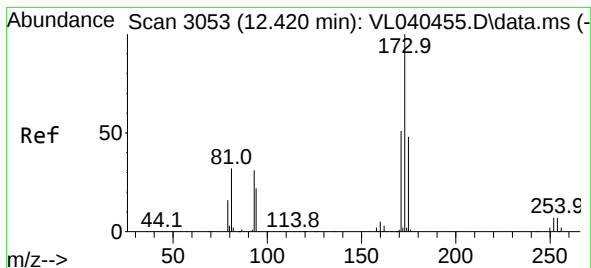
Tgt Ion:129 Resp: 146268

Ion Ratio Lower Upper

129 100

127 79.1 39.4 118.1





#49

Bromoform

Concen: 0.927 ppbv m

RT: 12.426 min Scan# 3053

Delta R.T. 0.007 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

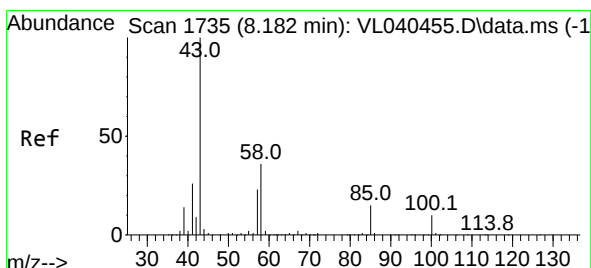
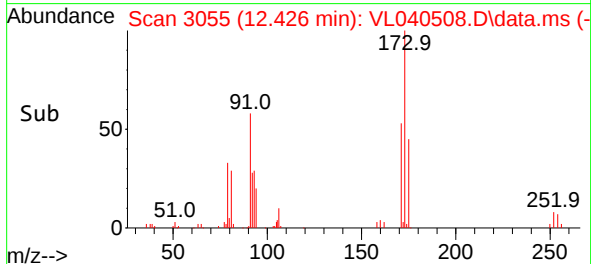
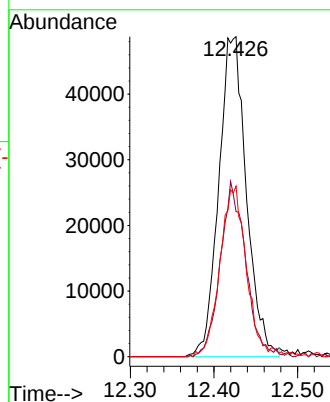
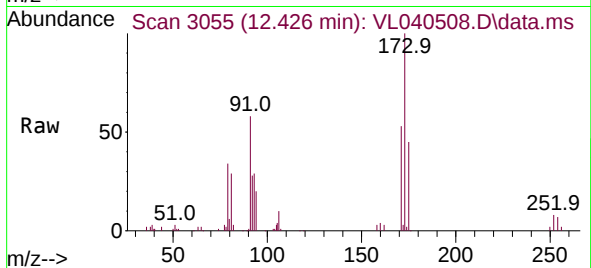
VSTDIC001

Tgt Ion:173 Resp: 111940
 Ion Ratio Lower Upper
 173 100
 175 0.0 39.2 58.8
 171 51.4 42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#50

4-Methyl-2-Pentanone

Concen: 1.102 ppbv

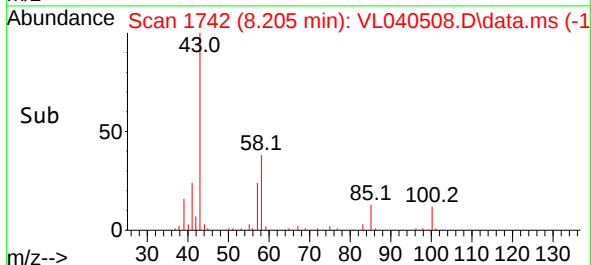
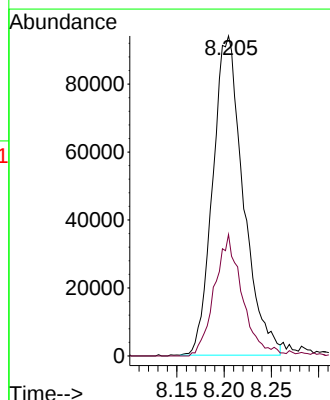
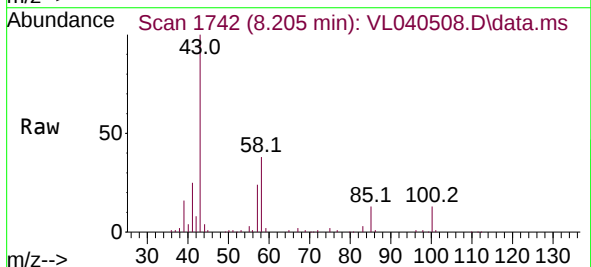
RT: 8.205 min Scan# 1742

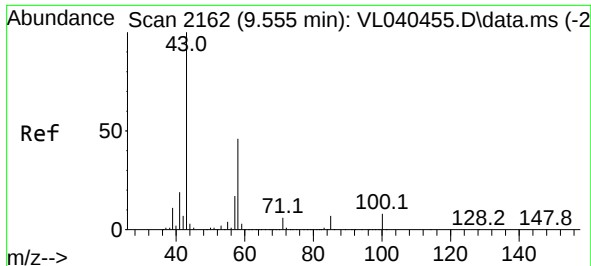
Delta R.T. 0.023 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

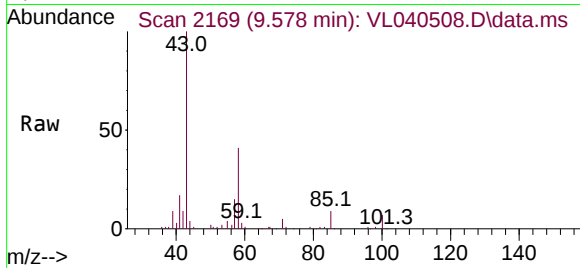
Tgt Ion: 43 Resp: 210790
 Ion Ratio Lower Upper
 43 100
 58 35.6 28.2 42.4





#51
2-Hexanone
Concen: 1.030 ppbv
RT: 9.578 min Scan# 2162
Delta R.T. 0.023 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

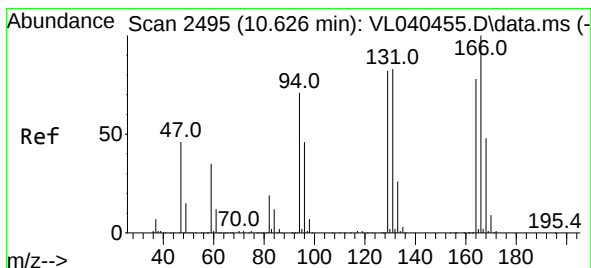
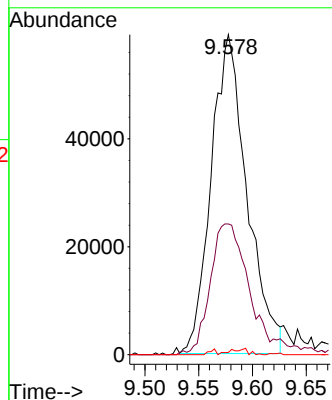
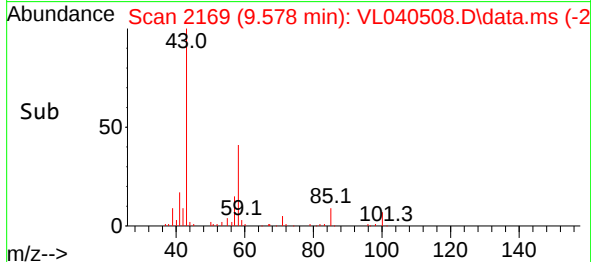
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 136740
Ion Ratio Lower Upper
43 100
58 46.2 37.1 55.7
98 1.4 0.5 0.7

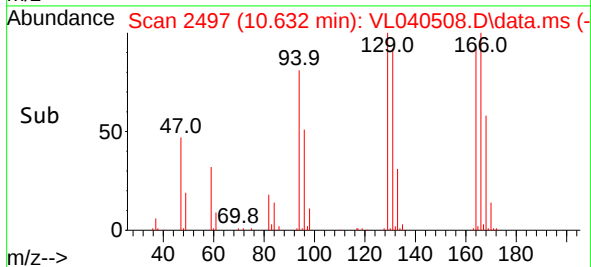
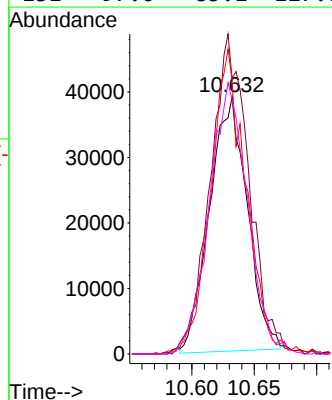
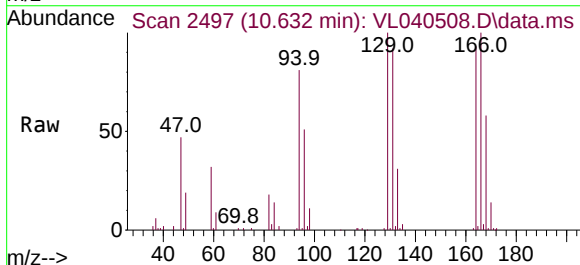
Manual Integrations
APPROVED

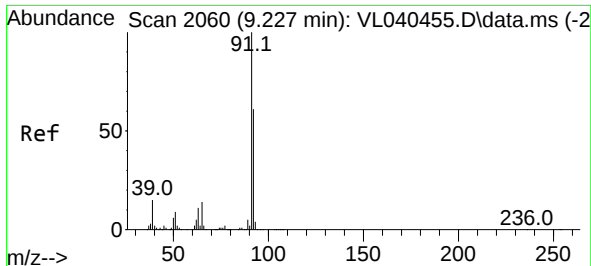
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#52
Tetrachloroethene
Concen: 1.102 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:164 Resp: 81518
Ion Ratio Lower Upper
164 100
166 104.8 102.7 154.1
129 106.3 84.6 126.8
131 97.0 85.1 127.7





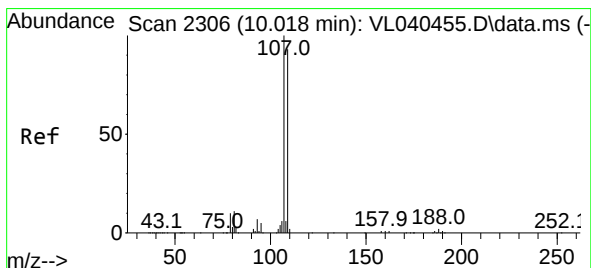
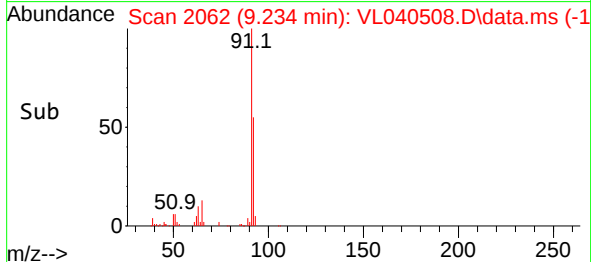
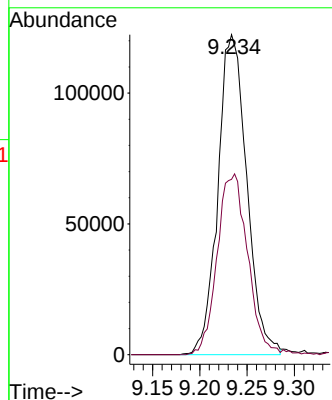
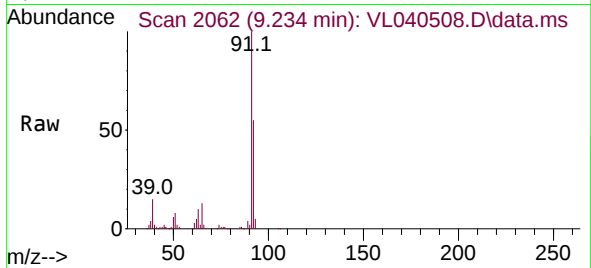
#53
Toluene
Concen: 1.046 ppbv
RT: 9.234 min Scan# 2060
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 259538
Ion Ratio Lower Upper
91 100
92 60.0 49.1 73.7

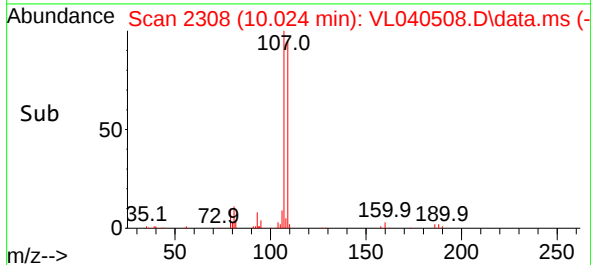
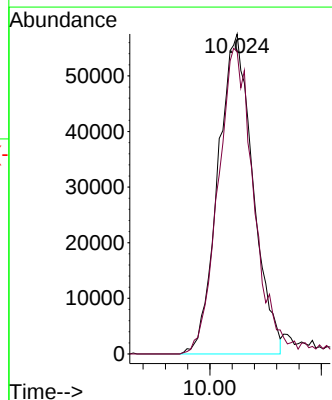
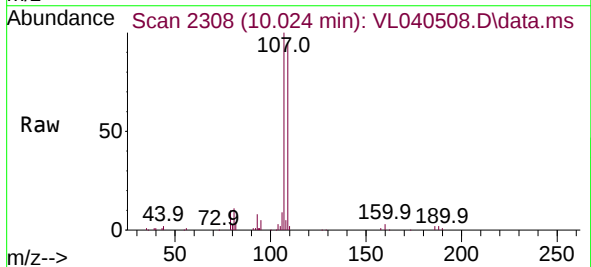
Manual Integrations
APPROVED

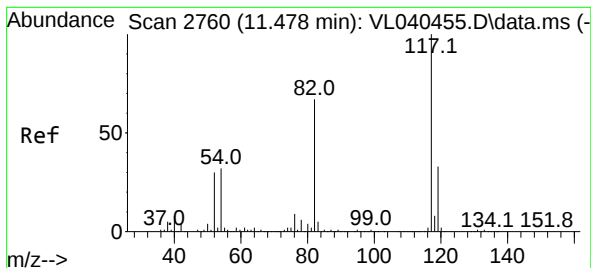
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
1,2-Dibromoethane
Concen: 0.959 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:107 Resp: 125531
Ion Ratio Lower Upper
107 100
109 94.5 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2760

Delta R.T. 0.003 min

Lab File: VL040508.D

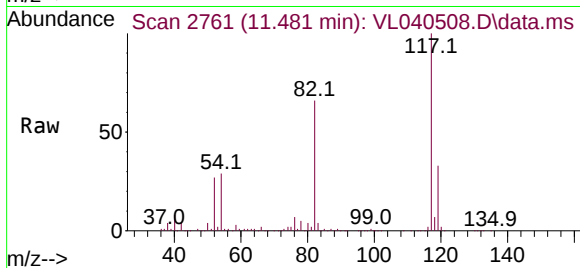
Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:117 Resp: 2709260

Ion Ratio Lower Upper

117 100

82 62.6 53.0 79.4

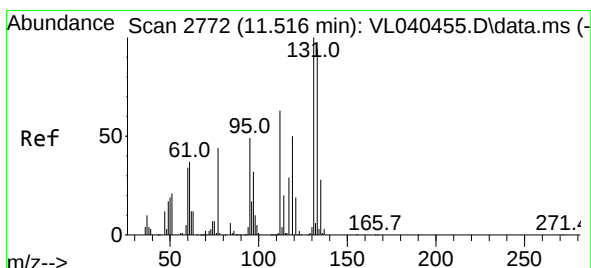
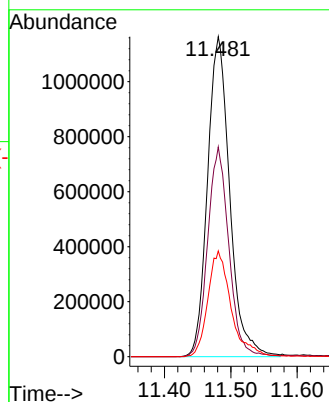
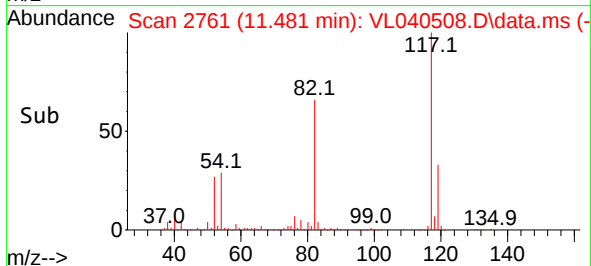
119 34.6 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#56

1,1,1,2-Tetrachloroethane

Concen: 0.973 ppbv

RT: 11.523 min Scan# 2774

Delta R.T. 0.007 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

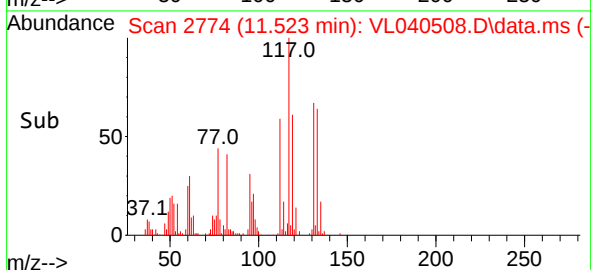
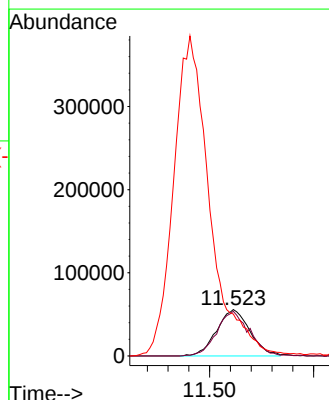
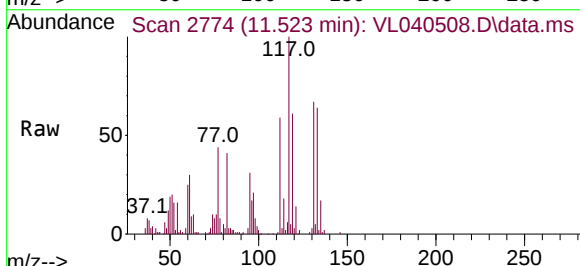
Tgt Ion:131 Resp: 123960

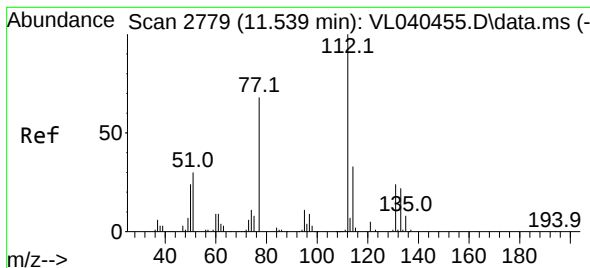
Ion Ratio Lower Upper

131 100

133 94.7 75.7 113.5

119 757.8 51.4 77.2#





#57

Chlorobenzene

Concen: 1.110 ppbv

RT: 11.542 min Scan# 2779

Delta R.T. 0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

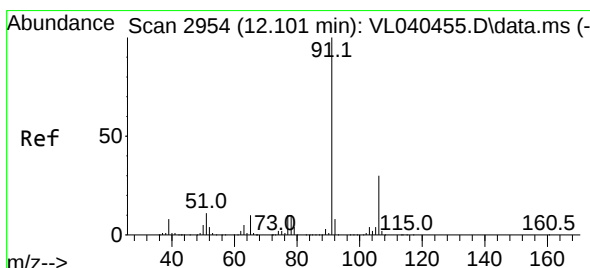
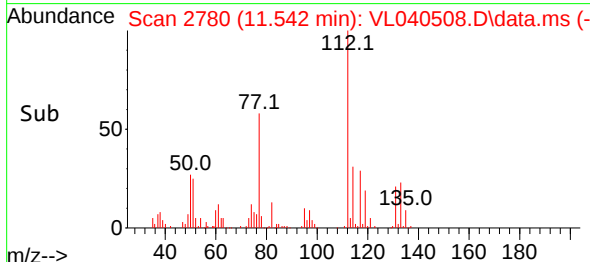
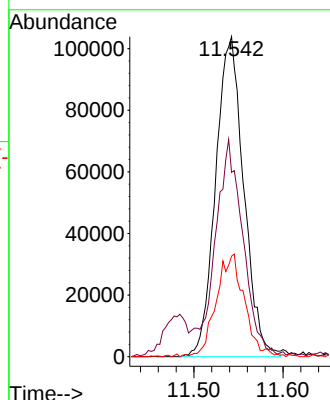
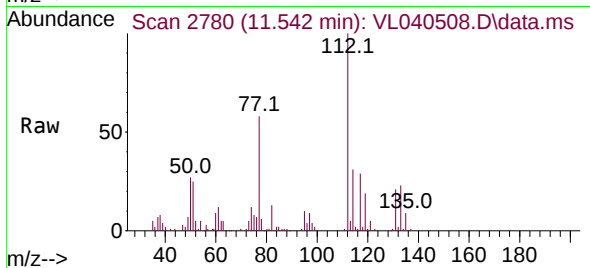
VSTDIC001

Tgt Ion:	112	Resp:	22735
Ion Ratio	Lower	Upper	
112	100		
77	56.6	55.4	83.2
114	31.5	30.0	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58

Ethyl Benzene

Concen: 1.049 ppbv

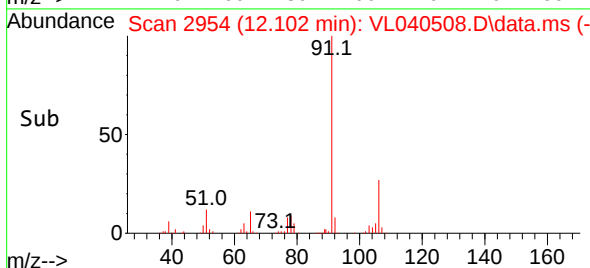
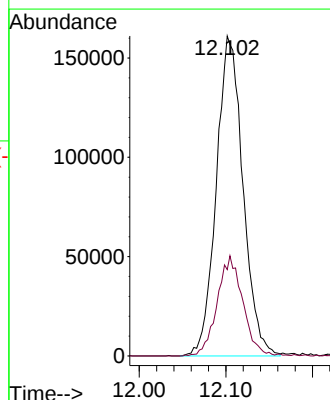
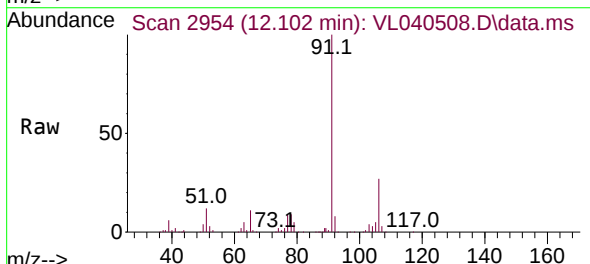
RT: 12.102 min Scan# 2954

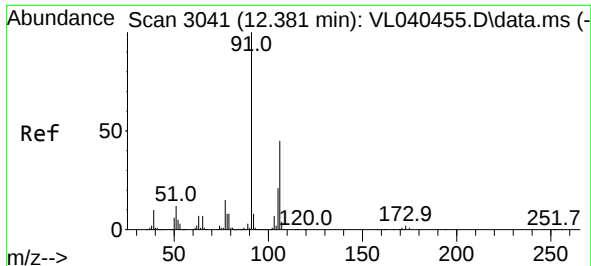
Delta R.T. 0.000 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion:	91	Resp:	344278
Ion Ratio	Lower	Upper	
91	100		
106	27.0	23.7	35.5





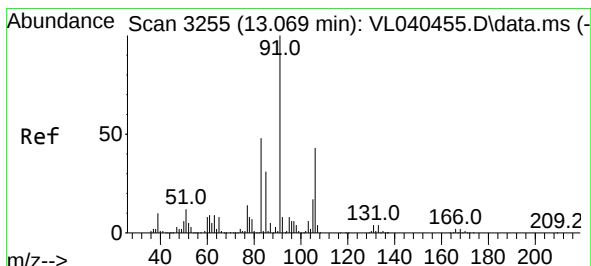
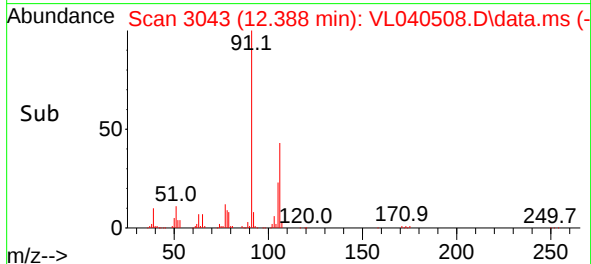
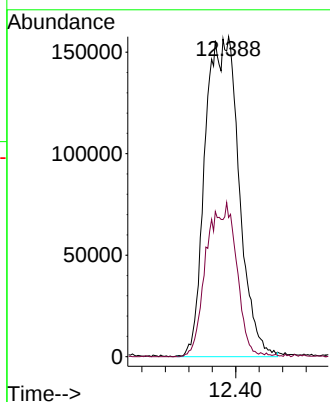
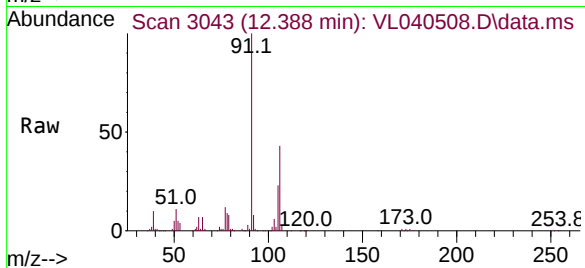
#59
m/p-Xylene
Concen: 2.092 ppbv m
RT: 12.388 min Scan# 3041
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 63121
Ion Ratio Lower Upper
91 100
106 43.1 34.6 52.0

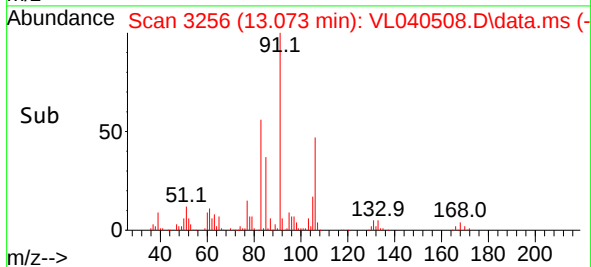
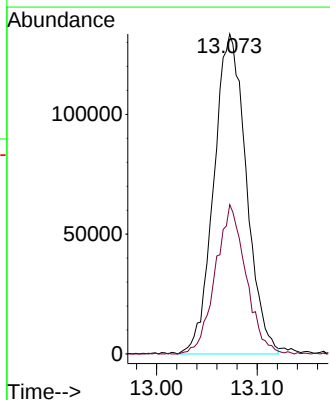
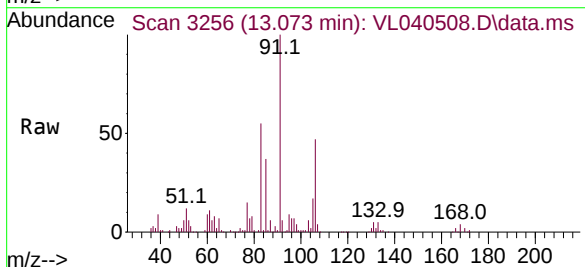
Manual Integrations
APPROVED

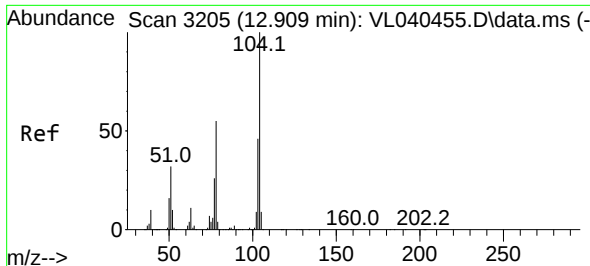
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
o-Xylene
Concen: 1.046 ppbv
RT: 13.073 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion: 91 Resp: 299340
Ion Ratio Lower Upper
91 100
106 44.1 22.1 66.1





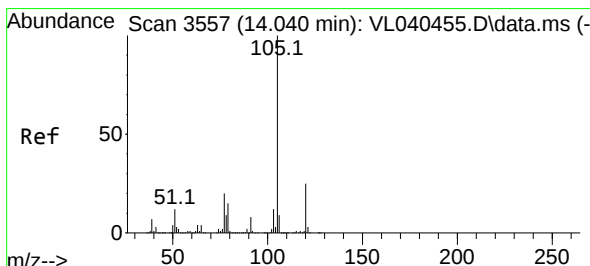
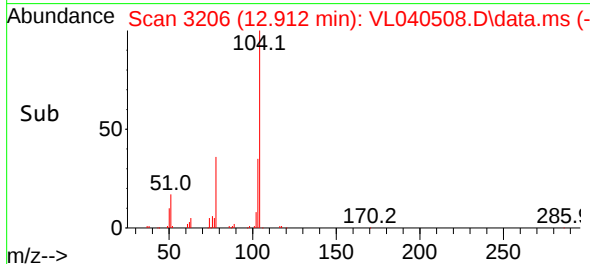
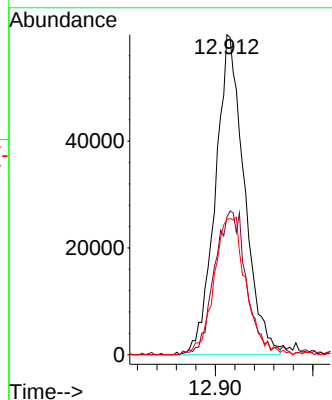
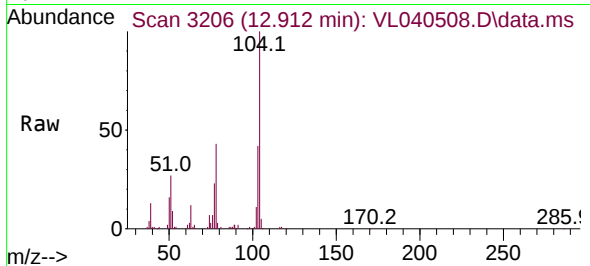
#61
Styrene
Concen: 1.004 ppbv
RT: 12.912 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 123579
Ion Ratio Lower Upper
104 100
78 50.7 43.1 64.7
103 47.5 37.1 55.7

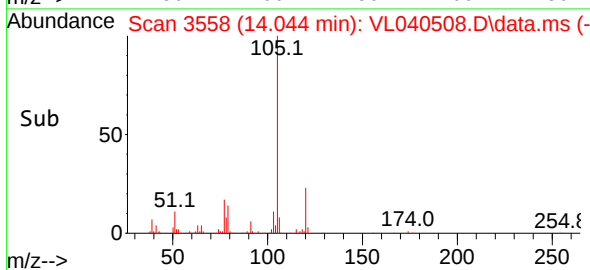
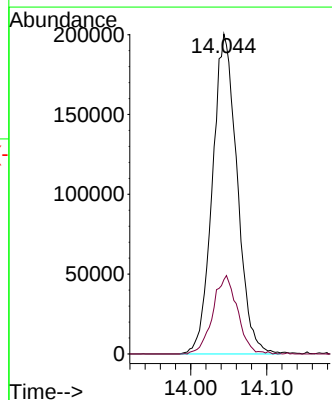
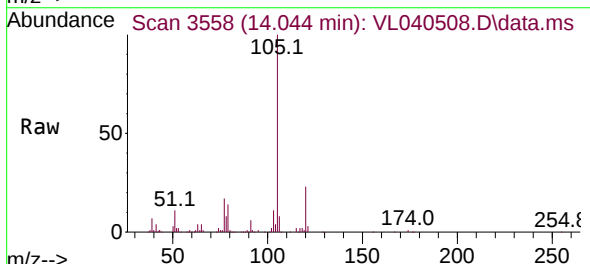
Manual Integrations
APPROVED

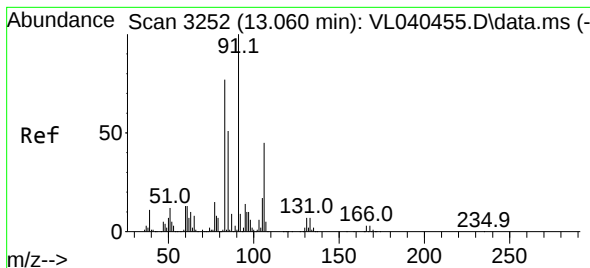
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#62
Isopropylbenzene
Concen: 1.064 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

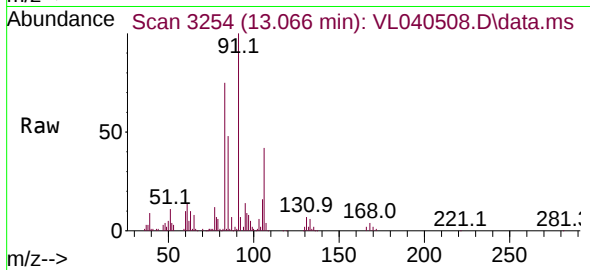
Tgt Ion:105 Resp: 452503
Ion Ratio Lower Upper
105 100
120 24.4 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 1.175 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

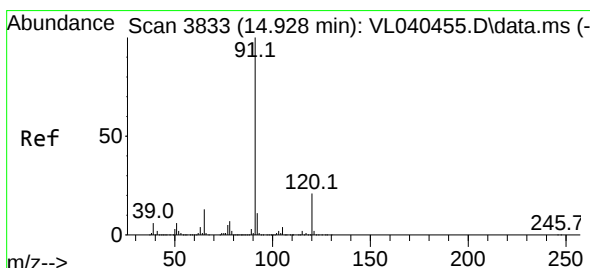
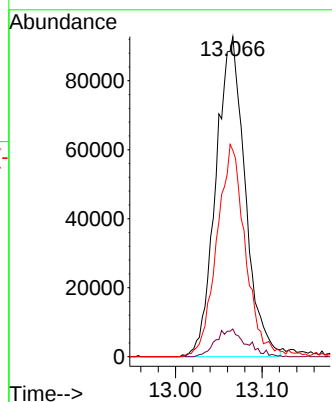
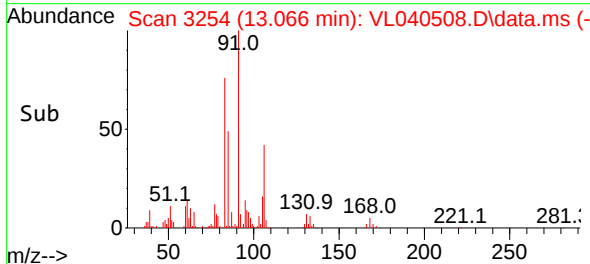
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 83 Resp: 21778
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 65.2 33.0 99.0

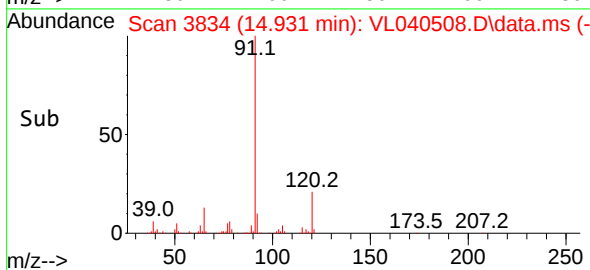
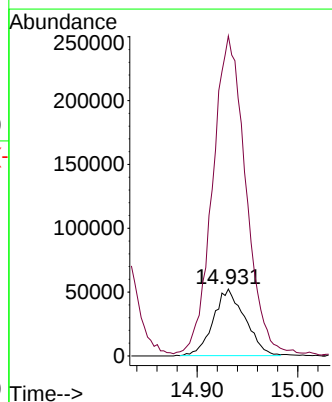
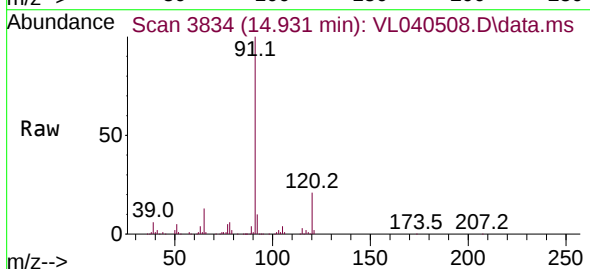
Manual Integrations
APPROVED

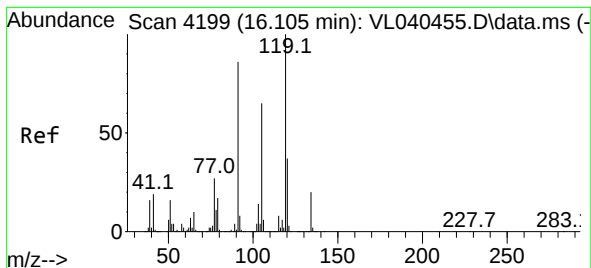
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#64
n-propylbenzene
Concen: 1.057 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

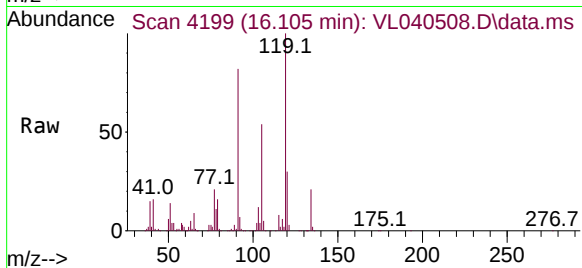
Tgt Ion:120 Resp: 114169
Ion Ratio Lower Upper
120 100
91 507.5 388.5 582.7





#65
tert-Butylbenzene
Concen: 1.082 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

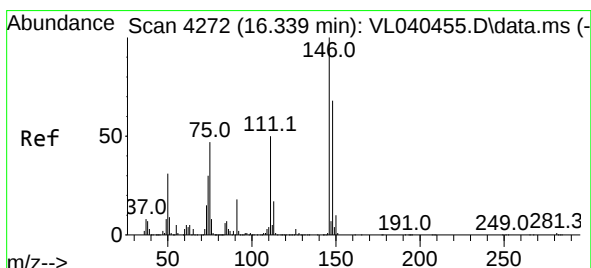
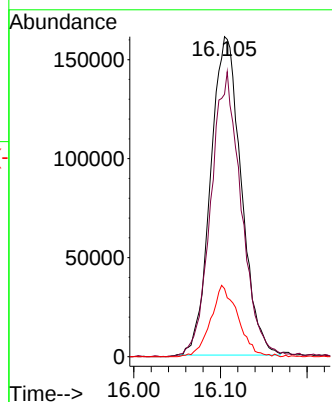
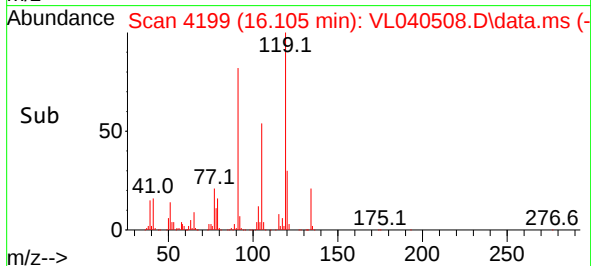
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



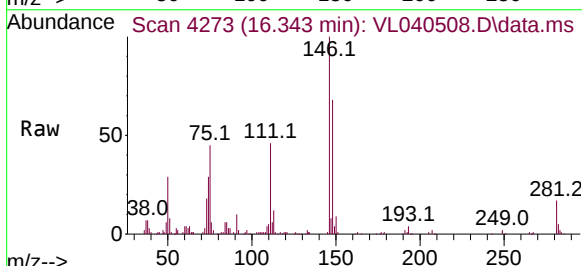
Tgt Ion: 119 Resp: 39492
Ion Ratio Lower Upper
119 100
91 89.8 70.5 105.7
134 20.1 15.6 23.4

Manual Integrations
APPROVED

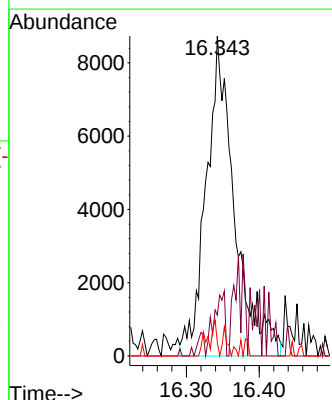
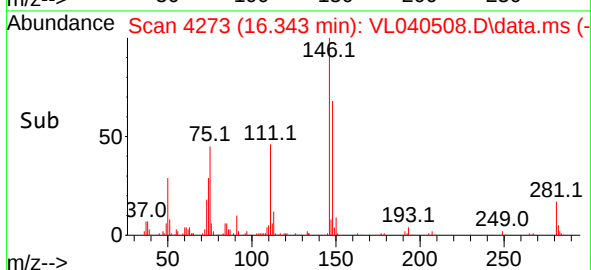
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

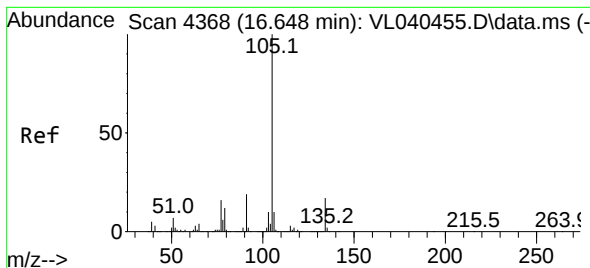


#66
Benzyl Chloride
Concen: 0.840 ppbv m
RT: 16.343 min Scan# 4273
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08



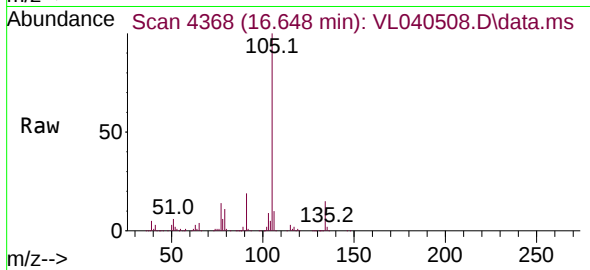
Tgt Ion: 91 Resp: 23622
Ion Ratio Lower Upper
91 100
126 0.0 13.2 19.8#
128 3.3 4.6 6.8#





#67
 sec-Butylbenzene
 Concen: 1.106 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08

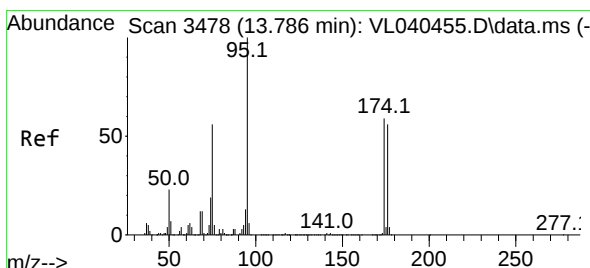
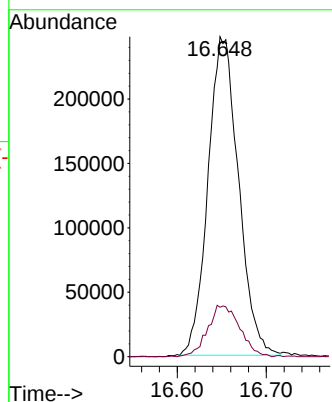
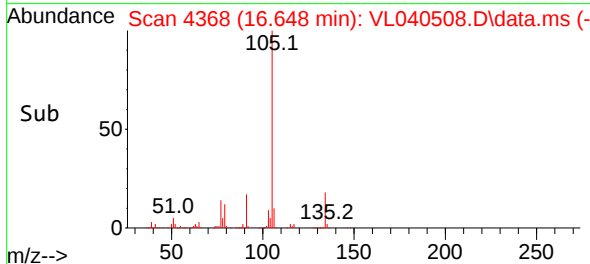
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



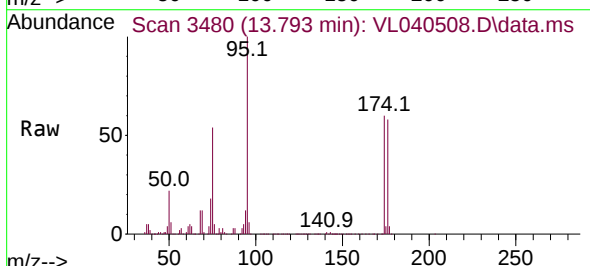
Tgt Ion:105 Resp: 588424
 Ion Ratio Lower Upper
 105 100
 134 17.1 14.0 21.0

Manual Integrations
 APPROVED

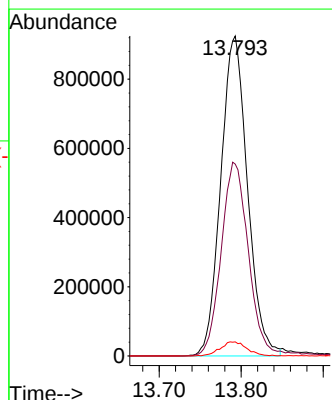
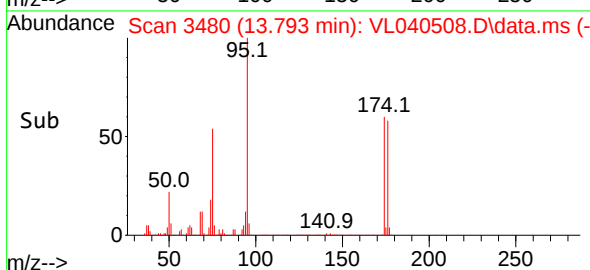
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

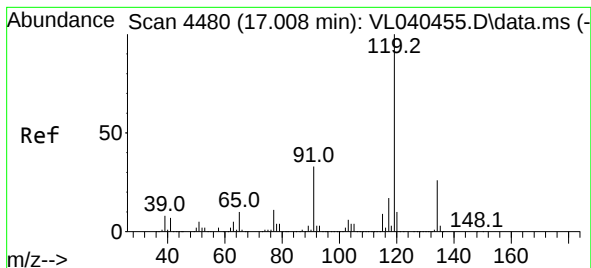


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.376 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.007 min
 Lab File: VL040508.D
 Acq: 10 Jul 2023 13:08



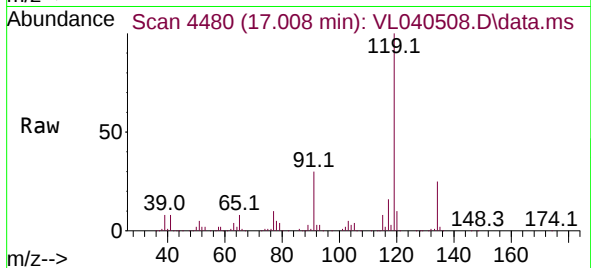
Tgt Ion: 95 Resp: 2096547
 Ion Ratio Lower Upper
 95 100
 174 62.9 47.7 71.5
 175 4.5 3.5 5.3





#69
p-Isopropyltoluene
Concen: 1.146 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

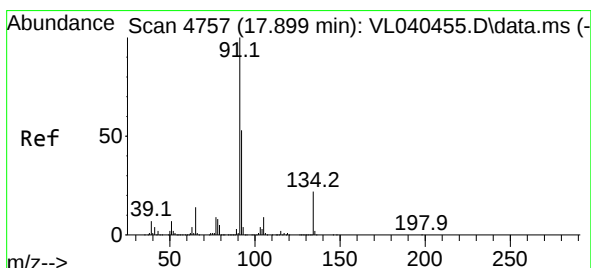
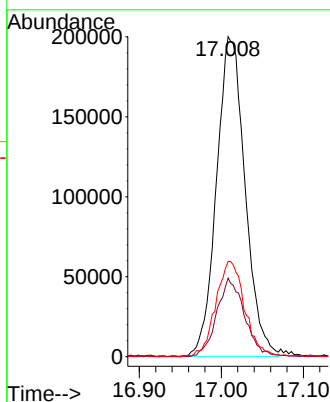
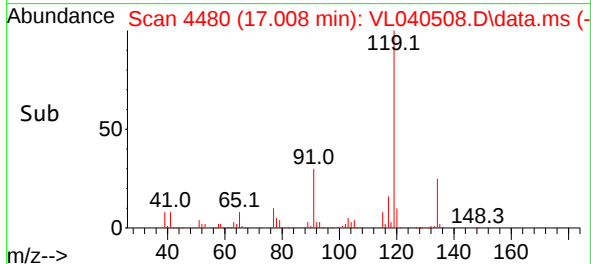
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:119 Resp: 484699
Ion Ratio Lower Upper
119 100
134 23.9 20.3 30.5
91 29.9 25.5 38.3

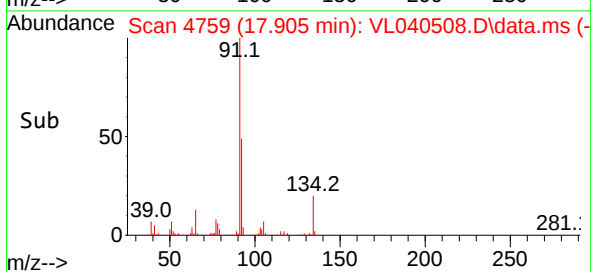
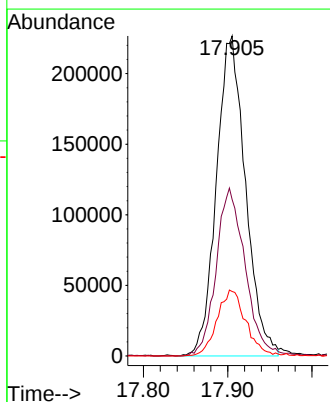
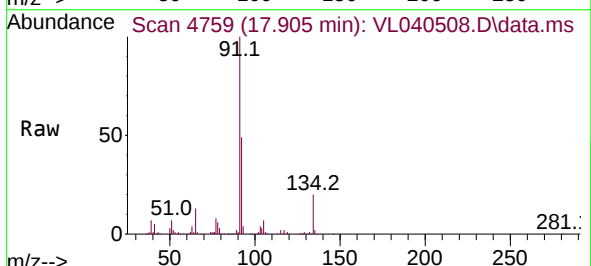
Manual Integrations
APPROVED

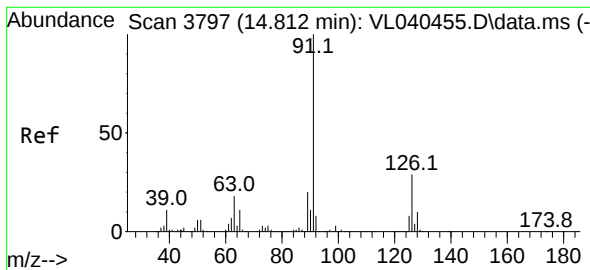
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
n-Butylbenzene
Concen: 1.149 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

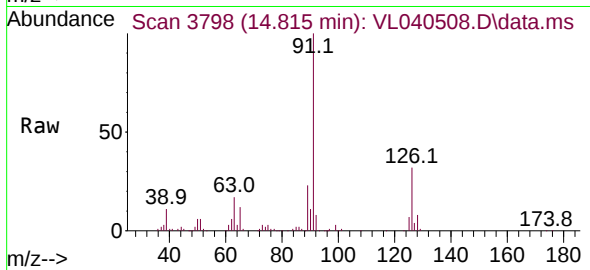
Tgt Ion: 91 Resp: 542165
Ion Ratio Lower Upper
91 100
92 52.6 42.7 64.1
134 20.6 16.9 25.3





#71
2-Chlorotoluene
Concen: 1.079 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

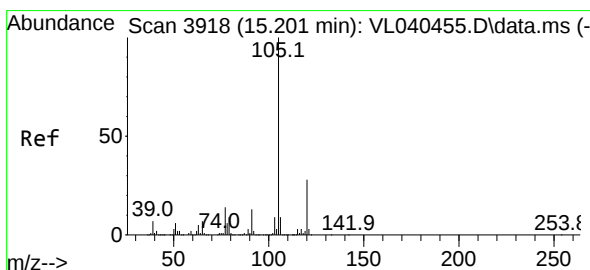
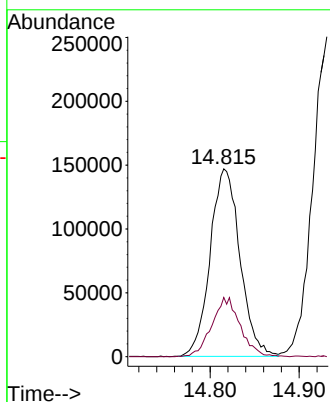
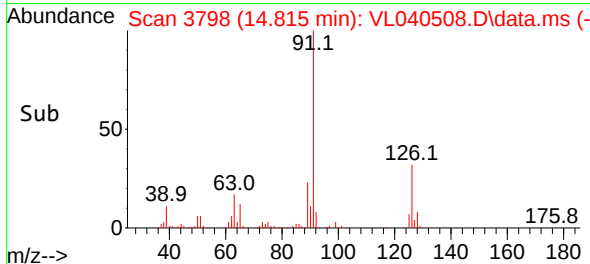
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



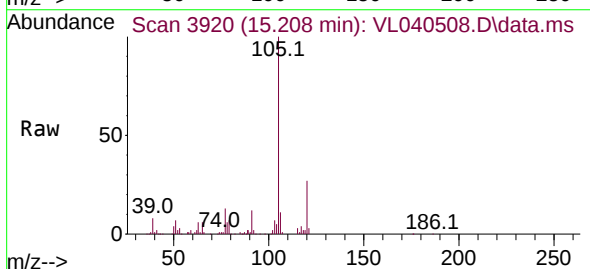
Tgt Ion: 91 Resp: 340950
Ion Ratio Lower Upper
91 100
126 30.2 12.0 48.2

Manual Integrations
APPROVED

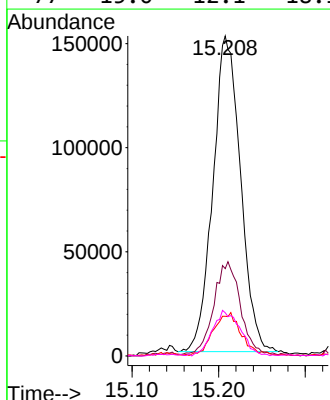
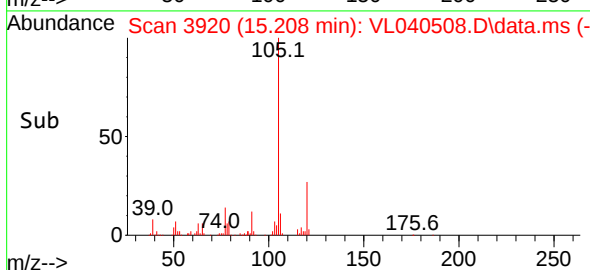
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

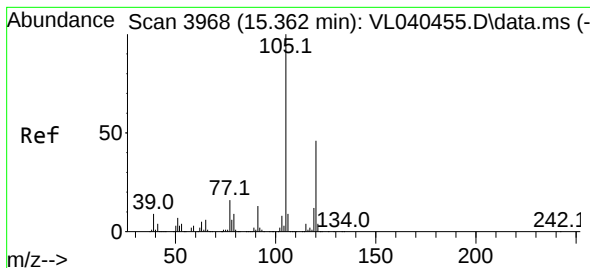


#72
4-Ethyltoluene
Concen: 1.039 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08



Tgt Ion:105 Resp: 335013
Ion Ratio Lower Upper
105 100
120 29.8 23.4 35.0
91 14.0 11.1 16.7
77 15.0 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 1.062 ppbv

RT: 15.365 min Scan# 3969

Delta R.T. 0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 30264

Ion Ratio Lower Upper

105 100

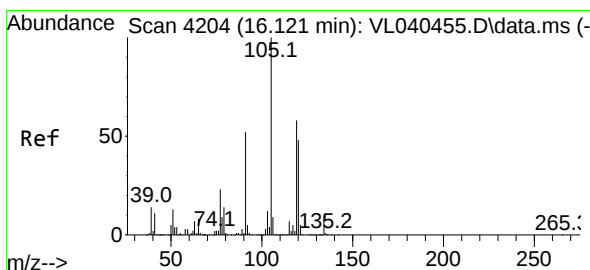
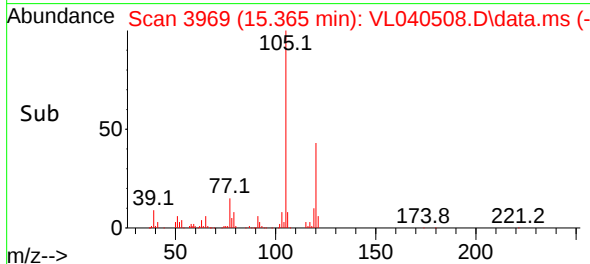
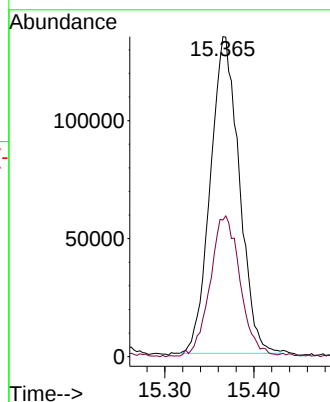
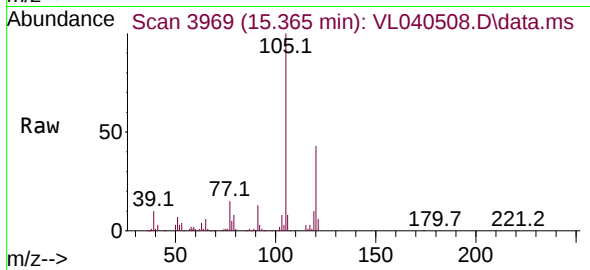
120 42.9 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#74

1,2,4-Trimethylbenzene

Concen: 1.089 ppbv

RT: 16.124 min Scan# 4205

Delta R.T. 0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion:105 Resp: 364900

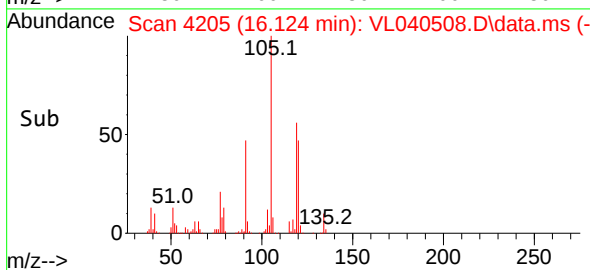
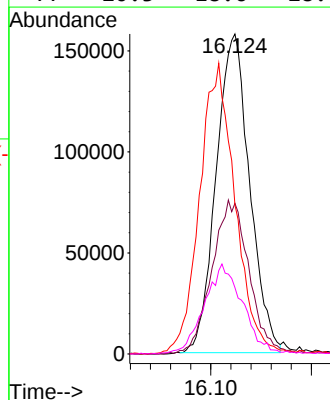
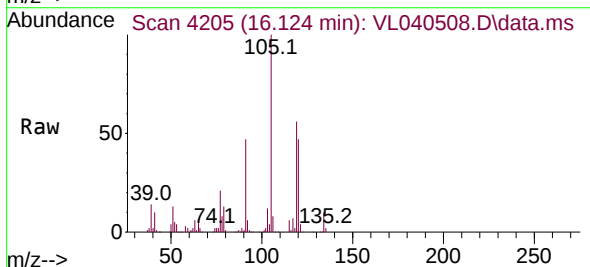
Ion Ratio Lower Upper

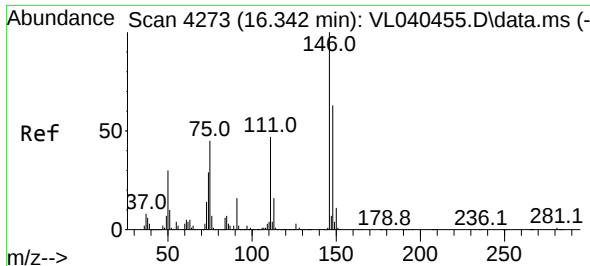
105 100

120 46.1 38.4 57.6

91 45.6 41.3 61.9

77 20.3 18.6 28.0





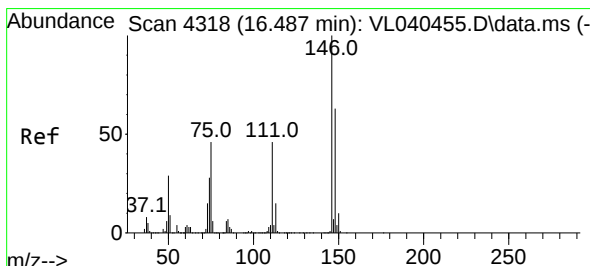
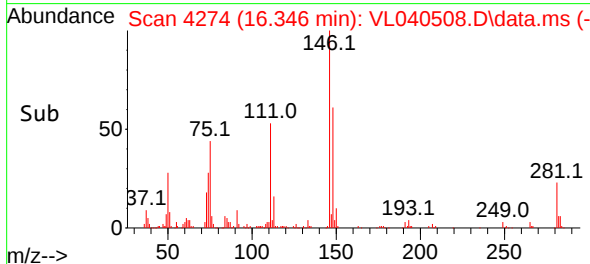
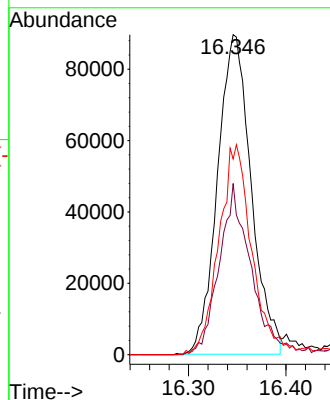
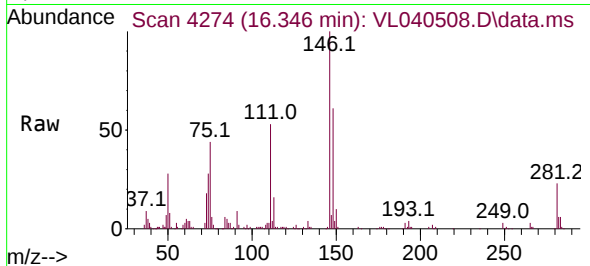
#75
1,3-Dichlorobenzene
Concen: 1.141 ppbv
RT: 16.346 min Scan# 4273
Delta R.T. 0.003 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 214389
Ion Ratio Lower Upper
146 100
111 50.8 24.6 73.8
148 65.1 32.4 97.2

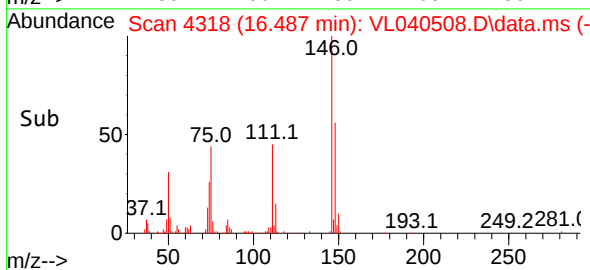
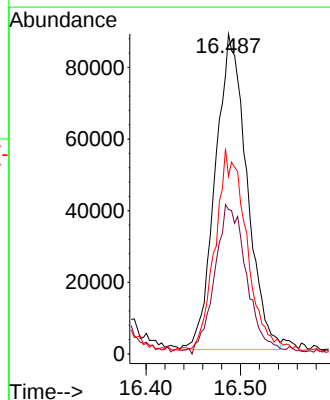
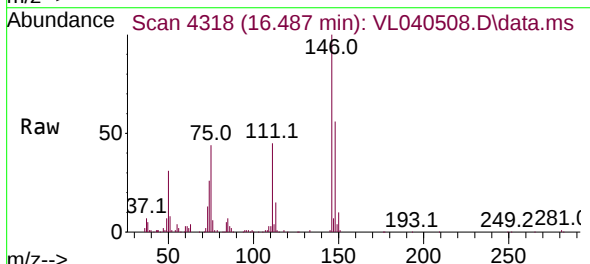
Manual Integrations
APPROVED

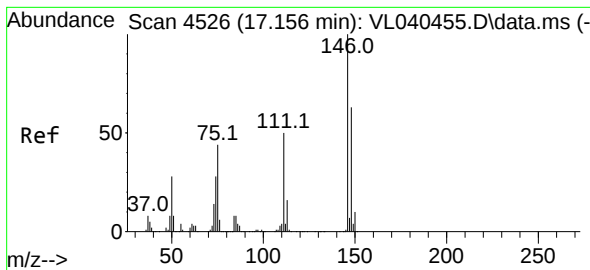
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#76
1,4-Dichlorobenzene
Concen: 1.117 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. 0.000 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

Tgt Ion:146 Resp: 204095
Ion Ratio Lower Upper
146 100
111 49.3 23.8 71.5
148 67.4 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 1.215 ppbv

RT: 17.159 min Scan# 4526

Delta R.T. 0.003 min

Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

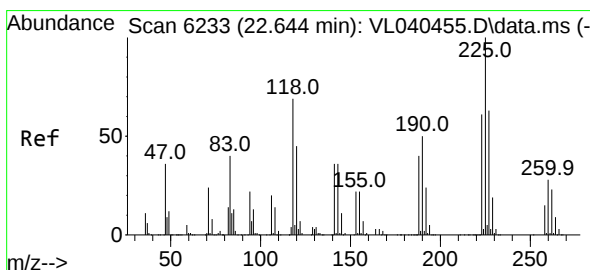
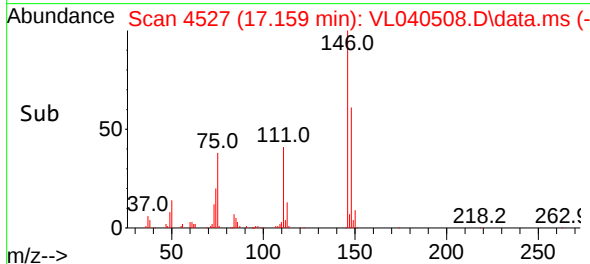
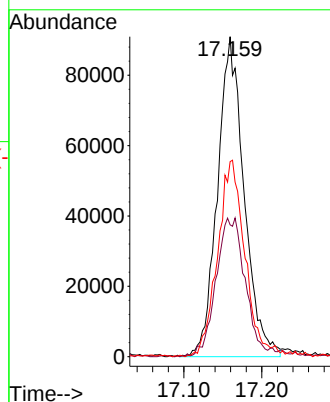
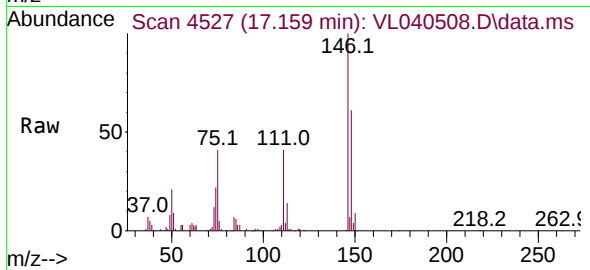
Tgt Ion:146 Resp: 215750

Ion	Ratio	Lower	Upper
146	100		
111	49.2	25.1	75.3
148	64.0	32.0	96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#78

Hexachloro-1,3-Butadiene

Concen: 1.480 ppbv m

RT: 22.651 min Scan# 6235

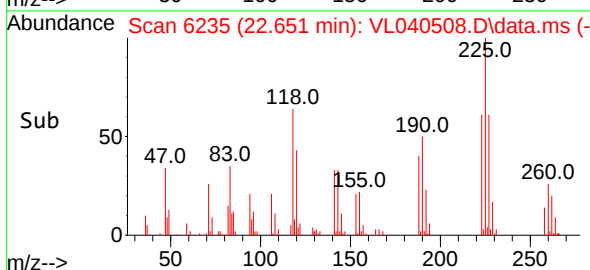
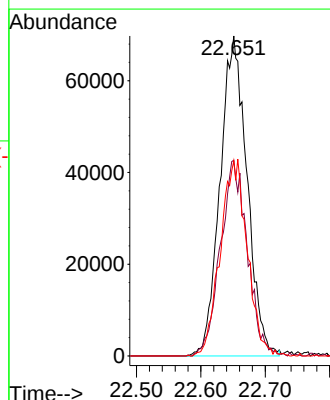
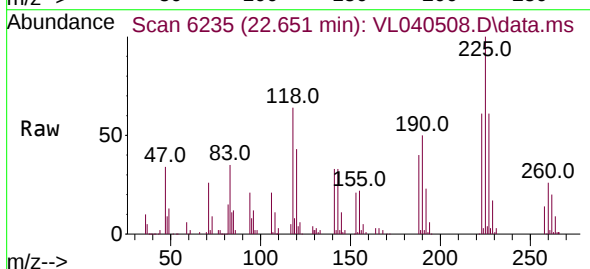
Delta R.T. 0.007 min

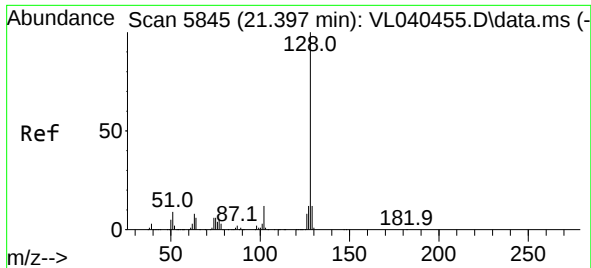
Lab File: VL040508.D

Acq: 10 Jul 2023 13:08

Tgt Ion:225 Resp: 202640

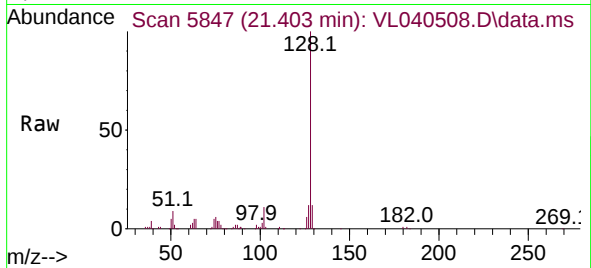
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.0	75.0
227	61.5	50.9	76.3





#79
Naphthalene
Concen: 1.612 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08

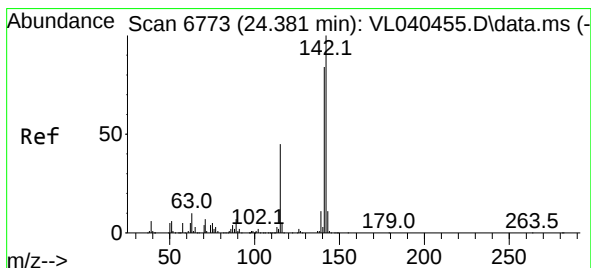
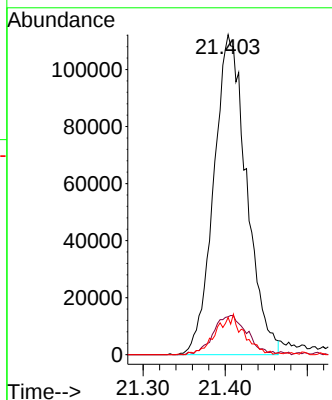
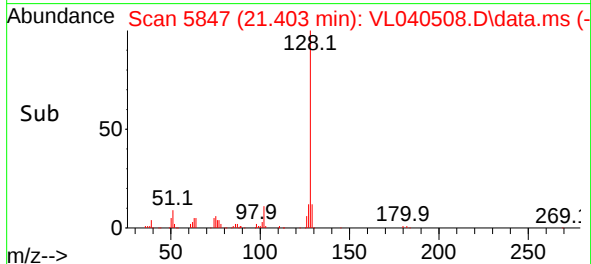
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



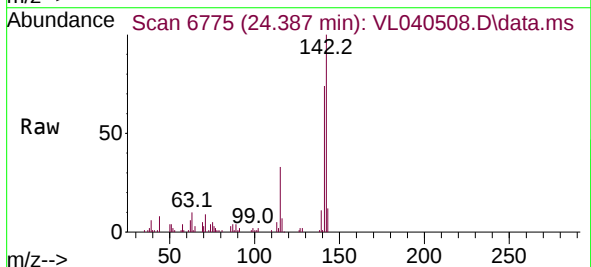
Tgt Ion:128 Resp: 311068
Ion Ratio Lower Upper
128 100
127 11.9 9.9 14.9
129 11.5 9.2 13.8

Manual Integrations
APPROVED

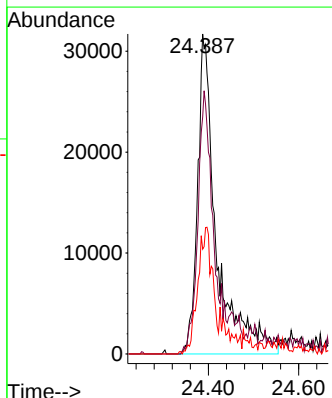
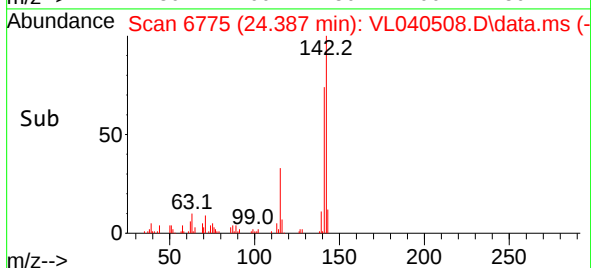
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

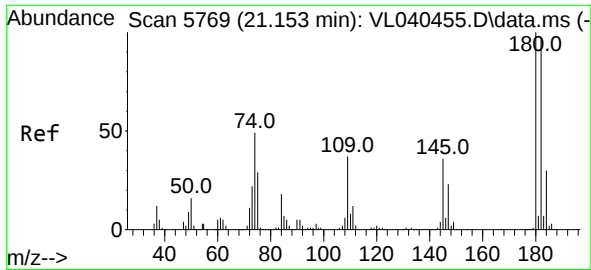


#80
Naphthalene,2-methyl-
Concen: 1.601 ppbv
RT: 24.387 min Scan# 6775
Delta R.T. 0.007 min
Lab File: VL040508.D
Acq: 10 Jul 2023 13:08



Tgt Ion:142 Resp: 92733
Ion Ratio Lower Upper
142 100
141 73.8 65.4 98.0
115 35.1 36.6 55.0#





#81

1,2,4-Trichlorobenzene

Concen: 1.675 ppbv

RT: 21.159 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL040508.D

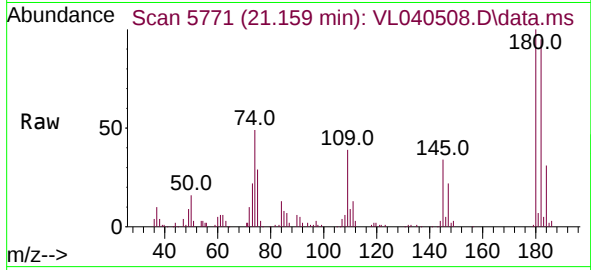
Acq: 10 Jul 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 200234

Ion Ratio Lower Upper

180 100

182 98.7 77.2 115.8

184 32.3 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023

