

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011623\
 Data File : VL040093.D
 Acq On : 16 Jan 2023 11:35
 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 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 12:26:21 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Mon Jan 16 11:28:27 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1071823	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2964839	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2708821	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 2240685 10.829 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 108.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.716	85	216549	1.079	ppbv	100
3) Chlorodifluoromethane	2.661	51	138438	0.875	ppbv	97
4) Chloromethane	2.803	50	82537	0.833	ppbv	94
5) Vinyl Chloride	2.912	62	71753m	0.895	ppbv	
6) Bromomethane	3.111	94	26614m	0.903	ppbv	
7) Chloroethane	3.185	64	28818m	0.953	ppbv	
8) Dichlorotetrafluoroethane	2.848	85	187024	0.886	ppbv	98
9) Propene	2.684	41	57106m	0.851	ppbv	
10) Heptane	7.577	43	128501	0.785	ppbv	100
11) Trichlorofluoromethane	3.555	101	200340	0.919	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	152123	0.921	ppbv	100
13) Ethanol	3.246	45	6170m	0.977	ppbv	
14) Bromoethene	3.359	108	53944	0.868	ppbv	95
15) Acetone	3.468	43	140341m	0.846	ppbv	
16) 1,3-Butadiene	2.973	39	64031	0.888	ppbv	95
17) tert-Butyl alcohol	3.883	59	132704m	0.812	ppbv	
18) 1,1-Dichloroethene	3.877	96	63791m	0.888	ppbv	
19) Isopropyl Alcohol	3.584	45	68031m	0.833	ppbv	
20) Methylene Chloride	3.925	84	61708	0.876	ppbv	93
21) Allyl Chloride	3.989	41	86396	0.867	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	68184m	0.952	ppbv	
23) Vinyl Acetate	4.626	43	44546m	0.847	ppbv	
24) 1,1-Dichloroethane	4.558	63	135180	0.876	ppbv #	96
25) Ethyl Acetate	5.208	43	230561	0.803	ppbv	98
26) Hexane	5.211	57	102390	0.848	ppbv	97
27) Carbon Disulfide	4.118	76	122044m	0.802	ppbv	
28) Methyl tert-Butyl Ether	4.590	73	118871	0.836	ppbv	98
29) Chloroform	5.272	83	158233	0.859	ppbv	98
30) Cyclohexane	6.603	84	87370m	0.817	ppbv	
31) cis-1,2-Dichloroethene	5.076	61	99450m	0.865	ppbv	
32) 1,1,1-Trichloroethane	5.999	97	175863	0.892	ppbv	98
34) 2-Butanone	4.793	43	147618m	0.918	ppbv	
35) Carbon Tetrachloride	6.494	117	170857	0.928	ppbv	97
36) Benzene	6.369	78	216615	0.818	ppbv	96
37) 1,2-Dichloroethane	5.806	62	140328	0.903	ppbv	99
38) Trichloroethene	7.291	130	122822	0.903	ppbv	89
39) 1,2-Dichloropropane	7.073	63	87303m	0.880	ppbv	
40) 1,4-Dioxane	7.320	88	33554m	0.750	ppbv	
41) Tetrahydrofuran	5.578	42	80416m	0.801	ppbv	
42) Bromodichloromethane	7.253	83	179792	0.845	ppbv	95
43) Methyl Methacrylate	7.481	69	76775	0.773	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	368596	0.846	ppbv	98
45) t-1,3-Dichloropropene	8.719	75	56645m	0.674	ppbv	

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Instrument :
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 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 12:26:21 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M

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

QLast Update : Mon Jan 16 11:28:27 2023

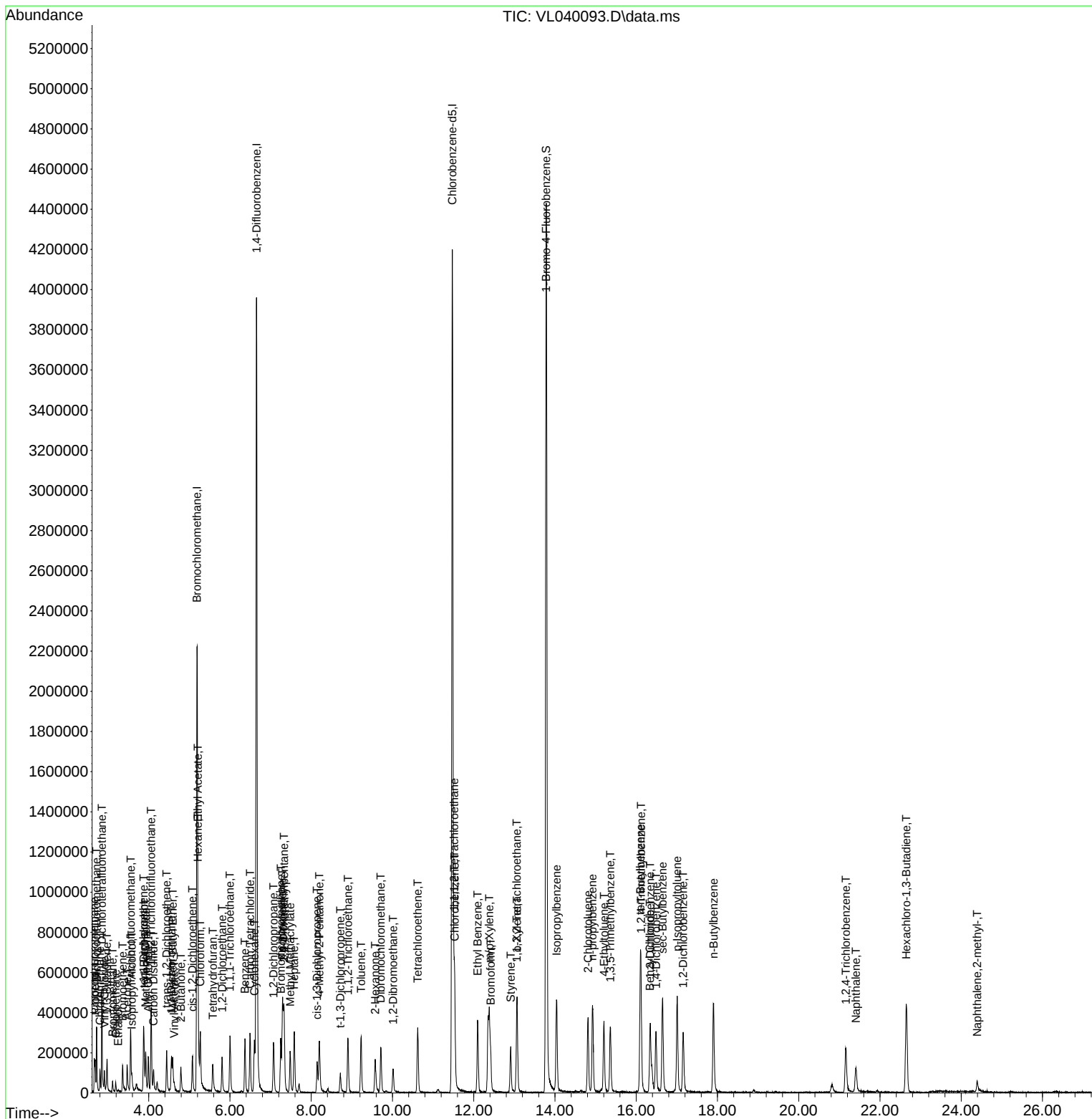
Response via : Initial Calibration

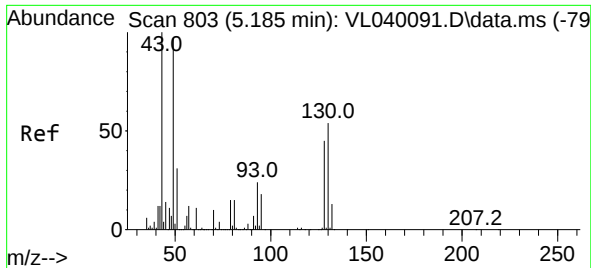
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	81643	0.689	ppbv	94
47) 1,1,2-Trichloroethane	8.905	97	88496m	0.814	ppbv	
48) Dibromochloromethane	9.712	129	133488m	0.808	ppbv	
49) Bromoform	12.420	173	95133	0.754	ppbv	99
50) 4-Methyl-2-Pentanone	8.201	43	212360	0.808	ppbv	99
51) 2-Hexanone	9.574	43	156089m	0.764	ppbv	
52) Tetrachloroethene	10.622	164	71600	0.795	ppbv	90
53) Toluene	9.227	91	224929	0.767	ppbv	97
54) 1,2-Dibromoethane	10.015	107	93423	0.798	ppbv	91
56) 1,1,1,2-Tetrachloroethane	11.516	131	105336	0.843	ppbv #	1
57) Chlorobenzene	11.535	112	185412	0.806	ppbv #	90
58) Ethyl Benzene	12.095	91	298292	0.775	ppbv	99
59) m/p-Xylene	12.384	91	552369m	1.647	ppbv	
60) o-Xylene	13.066	91	254350	0.792	ppbv	99
61) Styrene	12.912	104	118425	0.687	ppbv	97
62) Isopropylbenzene	14.040	105	379108	0.819	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	96671	0.821	ppbv	97
64) n-propylbenzene	14.924	120	91917m	0.786	ppbv	
65) tert-Butylbenzene	16.101	119	321124m	0.798	ppbv	
66) Benzyl Chloride	16.336	91	19609m	0.836	ppbv	
67) sec-Butylbenzene	16.651	105	457191	0.811	ppbv	98
69) p-Isopropyltoluene	17.008	119	351596	0.780	ppbv	98
70) n-Butylbenzene	17.905	91	376823	0.798	ppbv	99
71) 2-Chlorotoluene	14.815	91	288301	0.816	ppbv	97
72) 4-Ethyltoluene	15.207	105	276406	0.775	ppbv	97
73) 1,3,5-Trimethylbenzene	15.362	105	254377	0.791	ppbv	88
74) 1,2,4-Trimethylbenzene	16.121	105	284092	0.801	ppbv	100
75) 1,3-Dichlorobenzene	16.346	146	152837m	0.788	ppbv	
76) 1,4-Dichlorobenzene	16.490	146	160394m	0.847	ppbv	
77) 1,2-Dichlorobenzene	17.156	146	152658m	0.820	ppbv	
78) Hexachloro-1,3-Butadiene	22.648	225	119559m	0.926	ppbv	
79) Naphthalene	21.410	128	160200m	0.758	ppbv	
80) Naphthalene,2-methyl-	24.394	142	39137	0.605	ppbv #	87
81) 1,2,4-Trichlorobenzene	21.159	180	96039m	0.765	ppbv	

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

Manual Integrations APPROVED

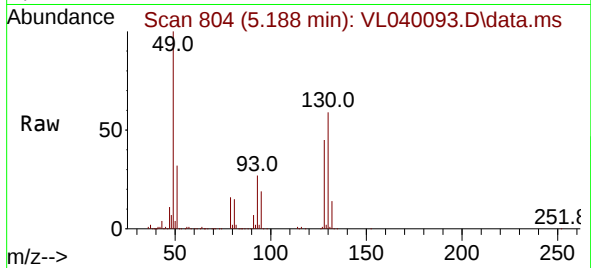
Quant Time: Jan 16 12:26:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jan 16 11:28:27 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 803
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

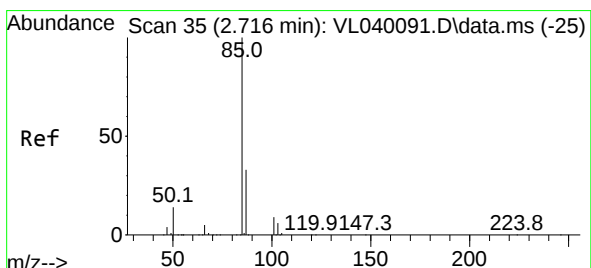
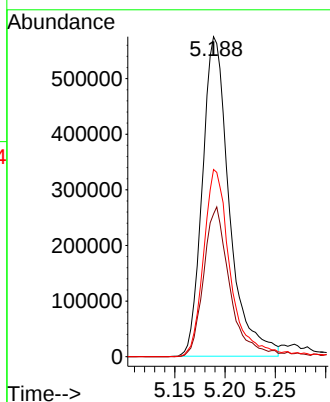
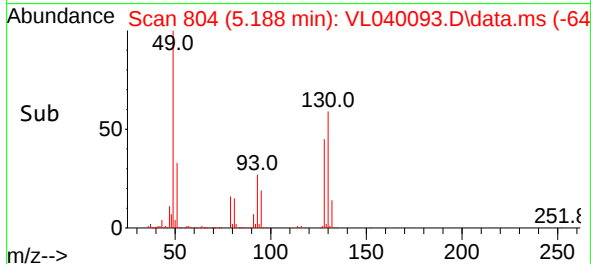
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



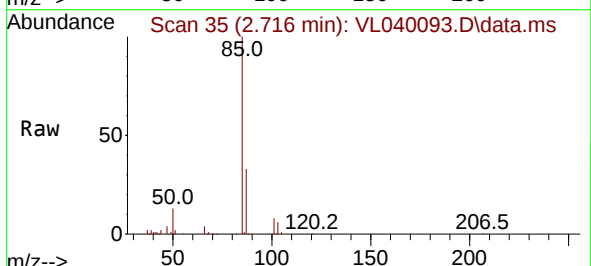
Tgt Ion: 49 Resp: 107182
Ion Ratio Lower Upper
49 100
128 47.5 23.6 71.0
130 59.8 29.8 89.3

Manual Integrations
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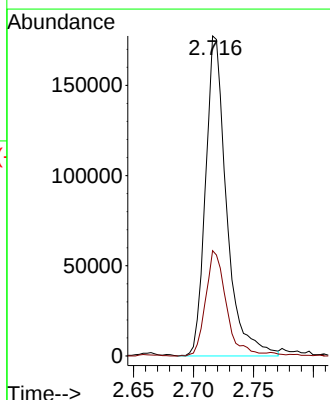
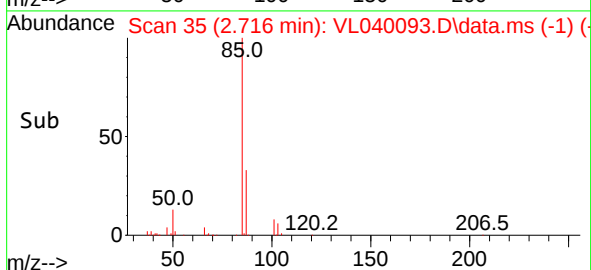
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

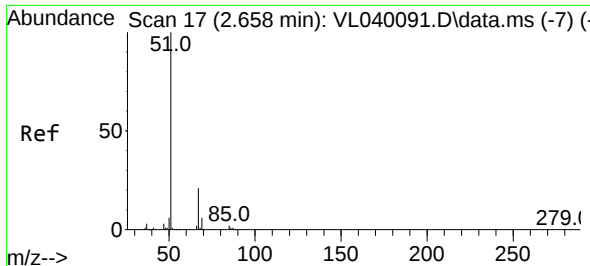


#2
Dichlorodifluoromethane
Concen: 1.079 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



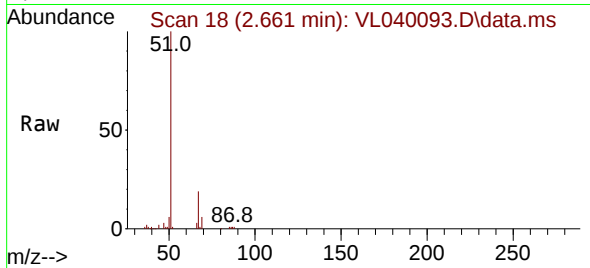
Tgt Ion: 85 Resp: 216549
Ion Ratio Lower Upper
85 100
87 32.9 26.5 39.7





#3
Chlorodifluoromethane
Concen: 0.875 ppbv
RT: 2.661 min Scan# 18
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

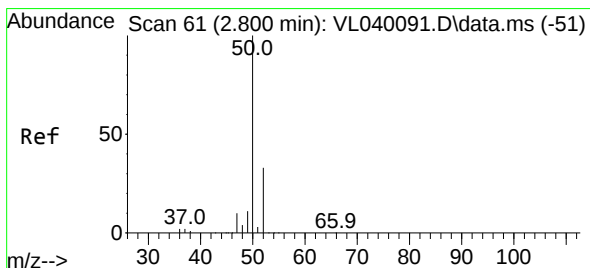
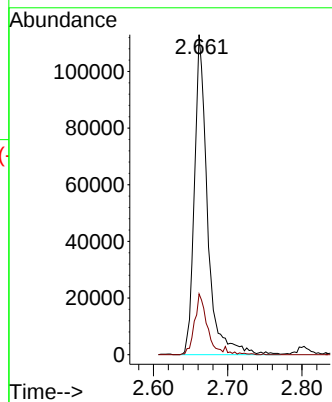
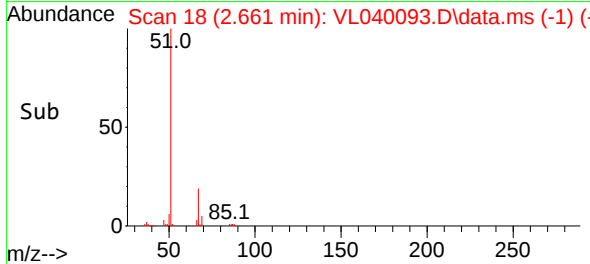
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 51 Resp: 138438
Ion Ratio Lower Upper
51 100
67 19.3 16.4 24.6

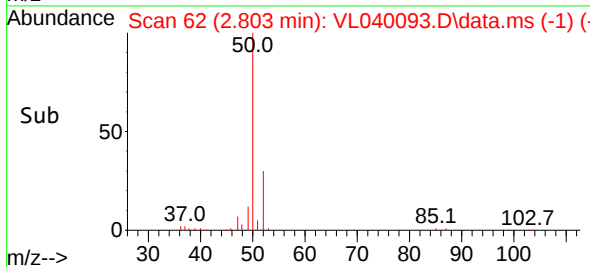
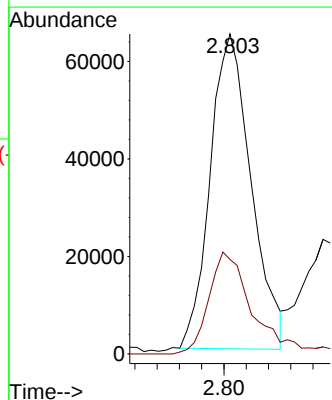
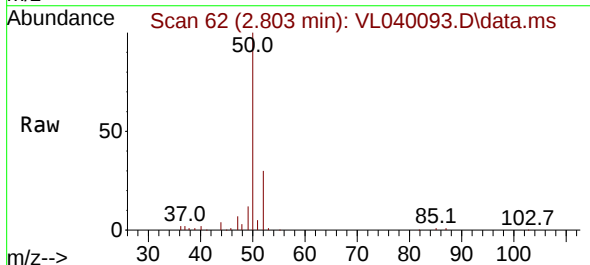
Manual Integrations
APPROVED

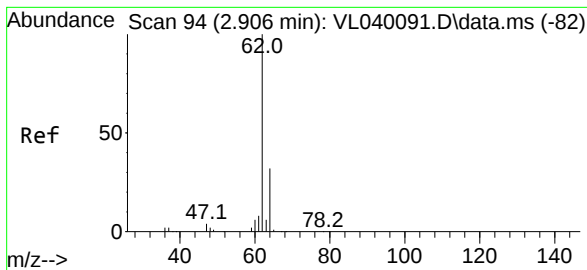
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#4
Chloromethane
Concen: 0.833 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

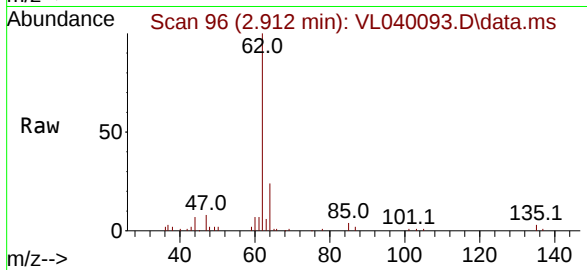
Tgt Ion: 50 Resp: 82537
Ion Ratio Lower Upper
50 100
52 29.4 26.5 39.7





#5
 Vinyl Chloride
 Concen: 0.895 ppbv m
 RT: 2.912 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35

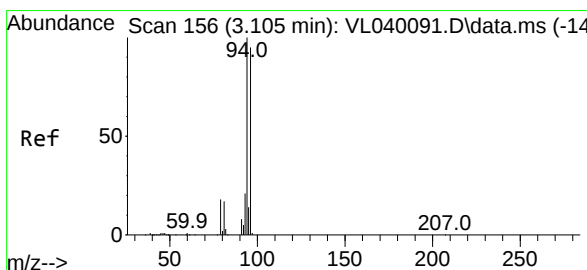
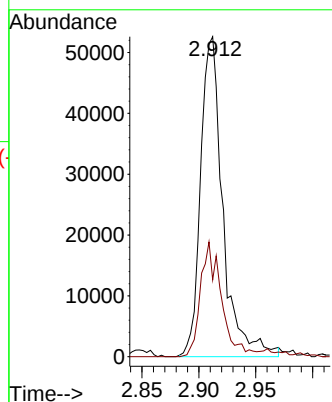
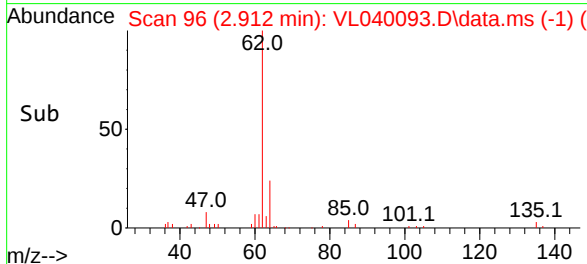
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 7175
 Ion Ratio Lower Upper
 62 100
 64 24.0 25.8 38.6

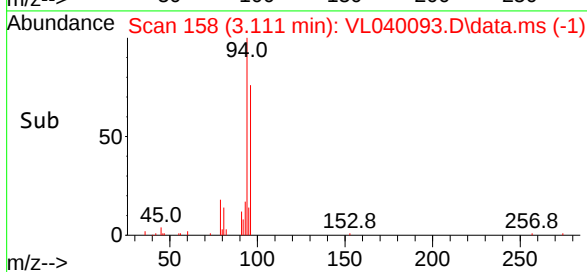
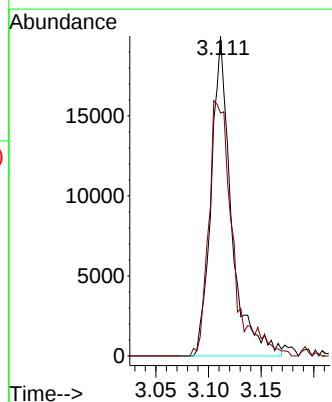
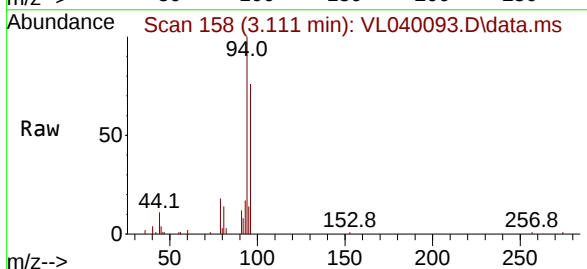
Manual Integrations
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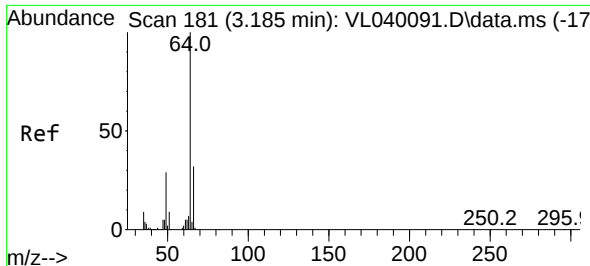
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#6
 Bromomethane
 Concen: 0.903 ppbv m
 RT: 3.111 min Scan# 158
 Delta R.T. 0.006 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35

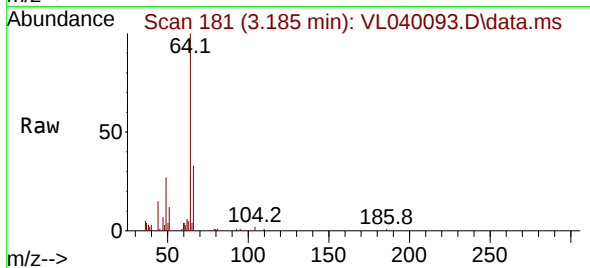
Tgt Ion: 94 Resp: 26614
 Ion Ratio Lower Upper
 94 100
 96 75.9 76.2 114.2#





#7
Chloroethane
Concen: 0.953 ppbv m
RT: 3.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

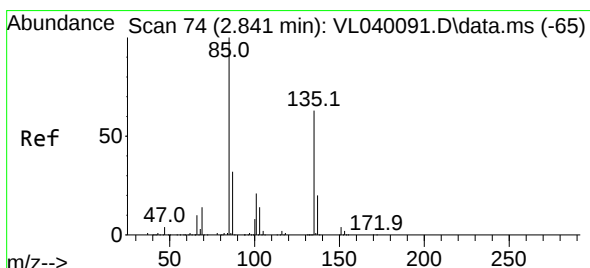
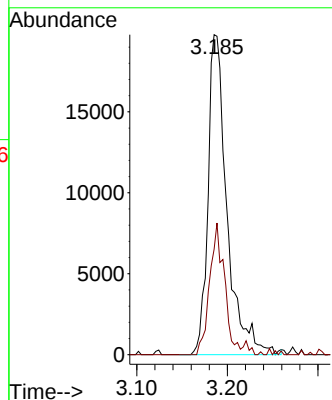
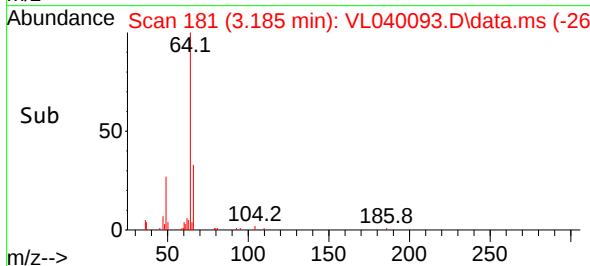
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



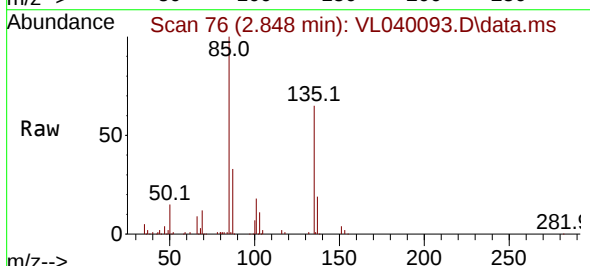
Tgt Ion: 64 Resp: 28818
Ion Ratio Lower Upper
64 100
66 32.9 25.6 38.4

Manual Integrations
APPROVED

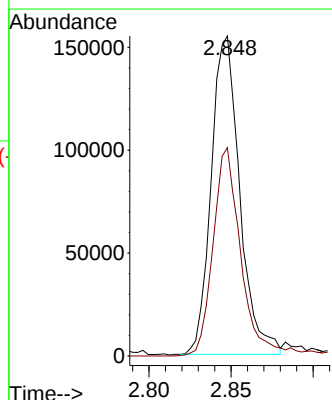
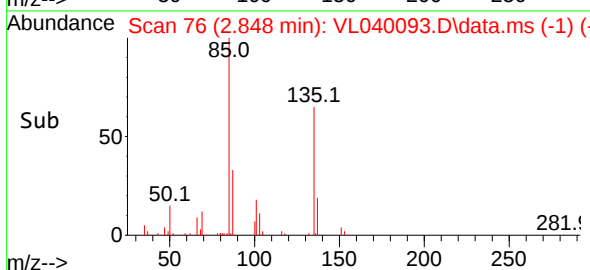
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

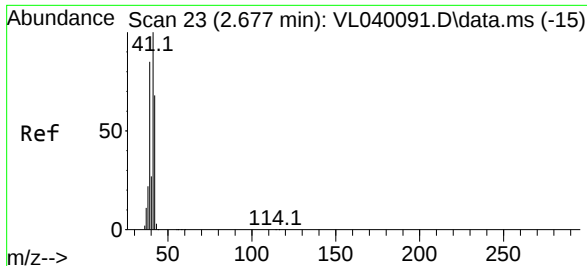


#8
Dichlorotetrafluoroethane
Concen: 0.886 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



Tgt Ion: 85 Resp: 187024
Ion Ratio Lower Upper
85 100
135 65.8 51.4 77.2





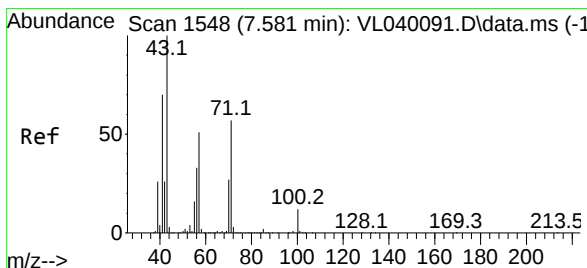
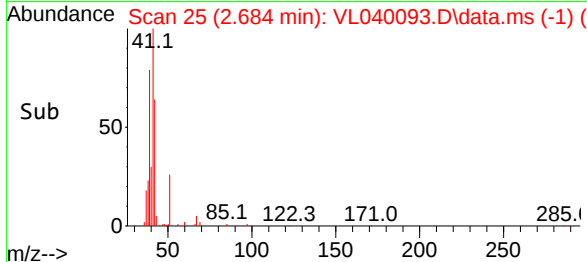
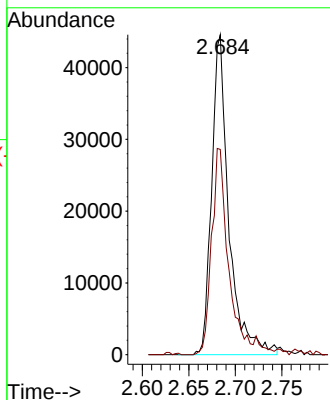
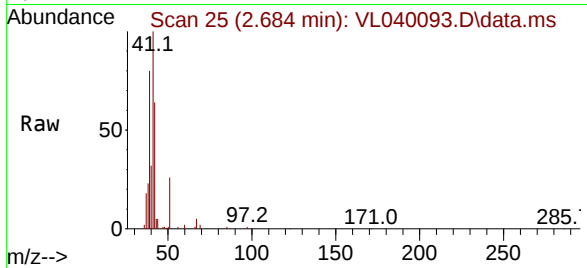
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Propene
Concen: 0.851 ppbv m
RT: 2.684 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 41 Resp: 57100
Ion Ratio Lower Upper
41 100
42 65.6 55.6 83.4

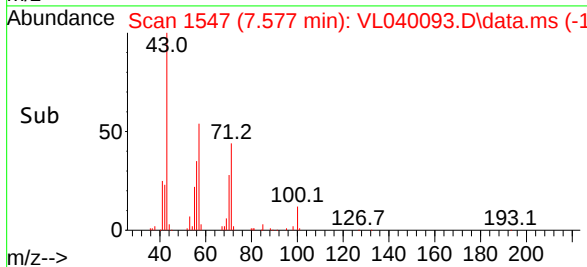
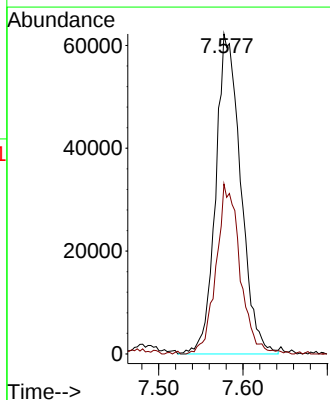
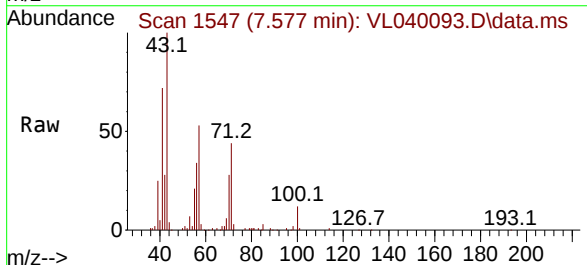
Manual Integrations
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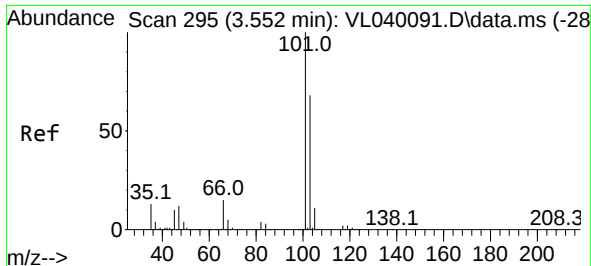
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#10
Heptane
Concen: 0.785 ppbv
RT: 7.577 min Scan# 1547
Delta R.T. -0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

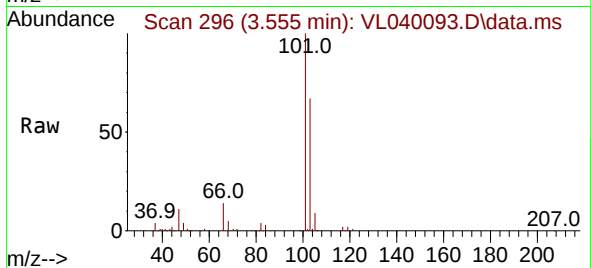
Tgt Ion: 43 Resp: 128501
Ion Ratio Lower Upper
43 100
57 50.9 40.9 61.3





#11
 Trichlorofluoromethane
 Concen: 0.919 ppbv
 RT: 3.555 min Scan# 295
 Delta R.T. 0.003 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35

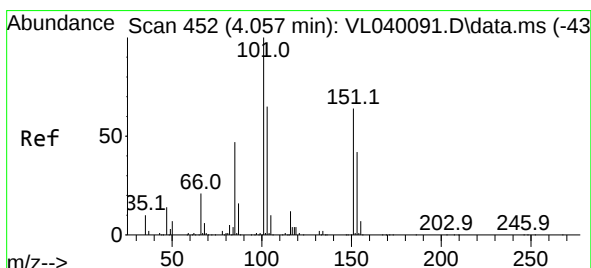
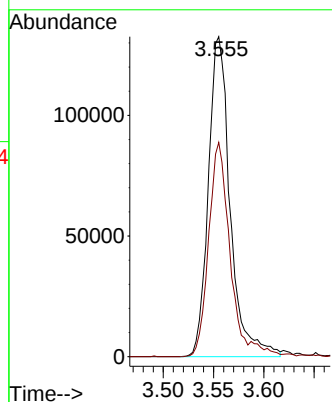
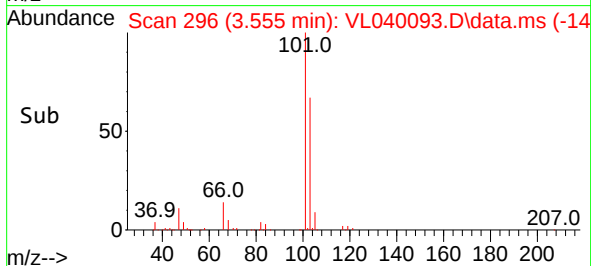
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:101 Resp: 200340
 Ion Ratio Lower Upper
 101 100
 103 67.0 54.0 81.0

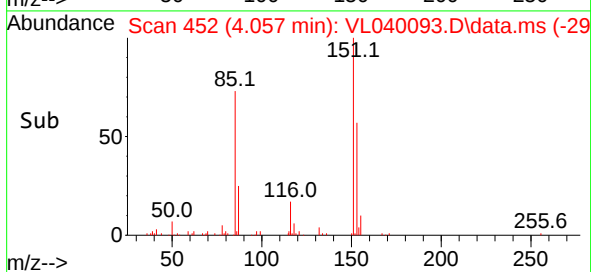
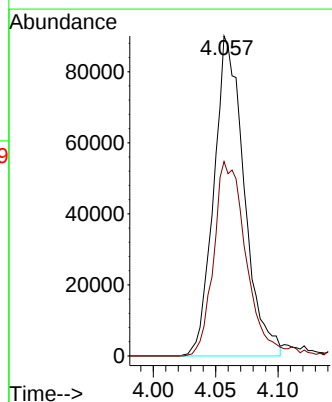
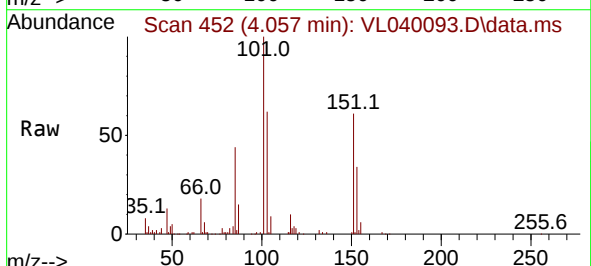
Manual Integrations
 APPROVED

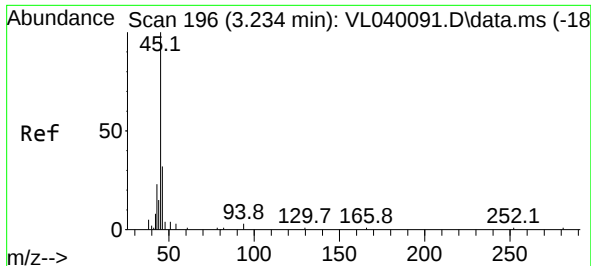
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.921 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.000 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35

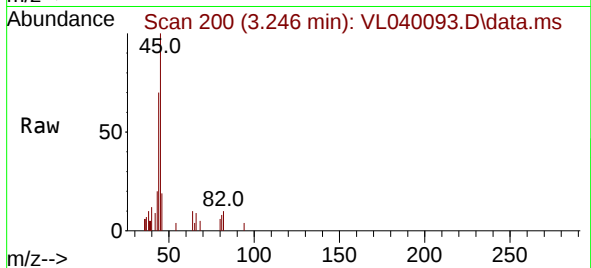
Tgt Ion:101 Resp: 152123
 Ion Ratio Lower Upper
 101 100
 151 66.3 53.2 79.8





#13
Ethanol
Concen: 0.977 ppbv m
RT: 3.246 min Scan# 200
Delta R.T. 0.013 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

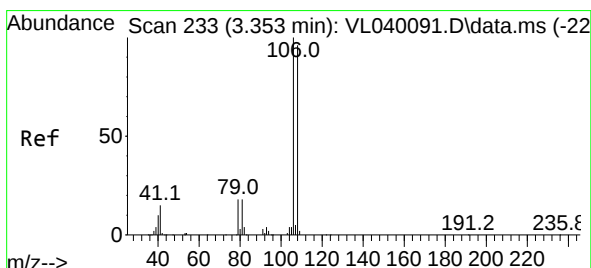
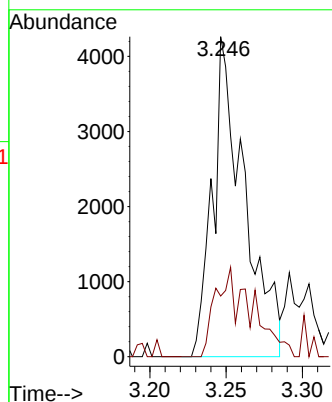
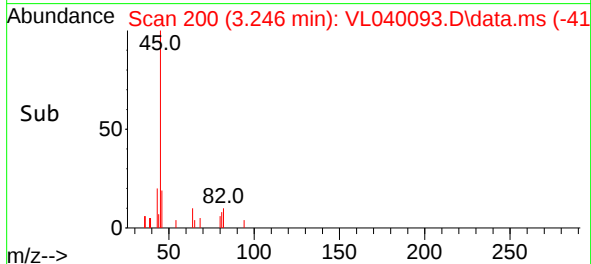
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



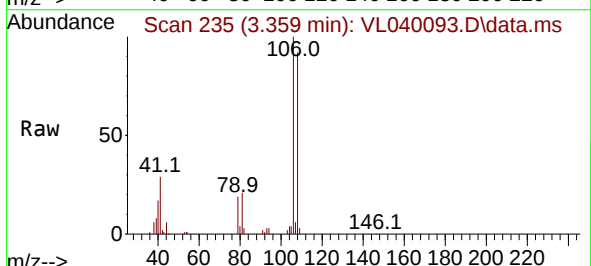
Tgt Ion: 45 Resp: 6170
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2

Manual Integrations
APPROVED

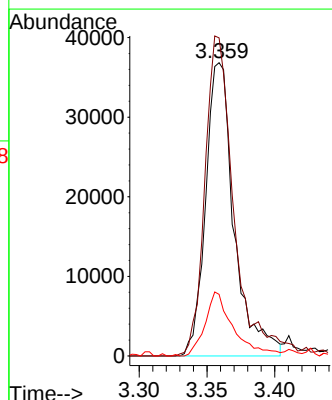
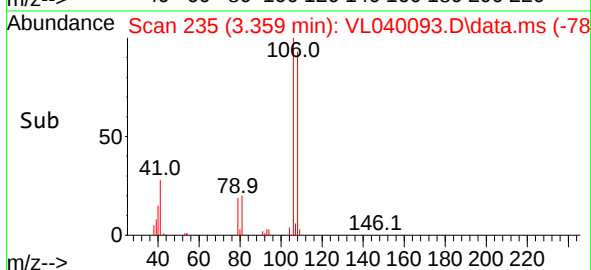
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

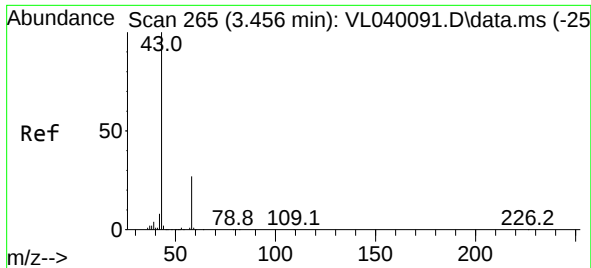


#14
Bromoethene
Concen: 0.868 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



Tgt Ion:108 Resp: 53944
Ion Ratio Lower Upper
108 100
106 113.5 87.0 130.6
79 23.1 16.1 24.1





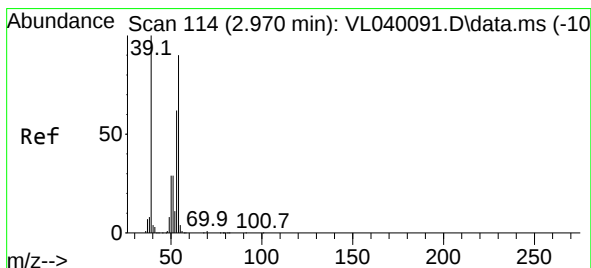
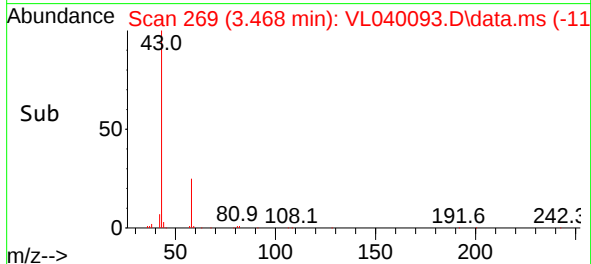
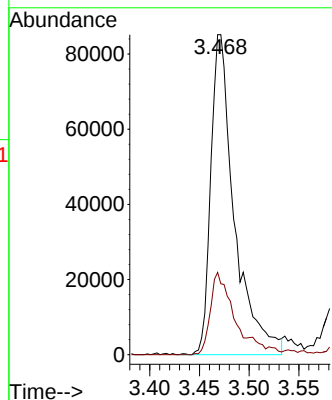
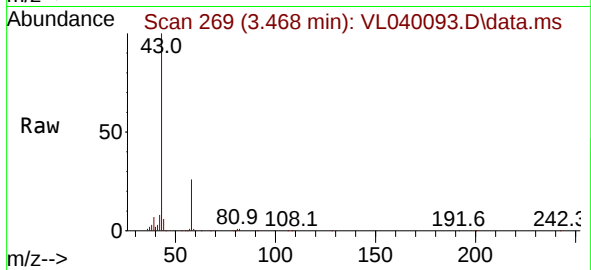
#15
Acetone
Concen: 0.846 ppbv m
RT: 3.468 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 14034
Ion Ratio Lower Upper
43 100
58 28.2 21.8 32.8

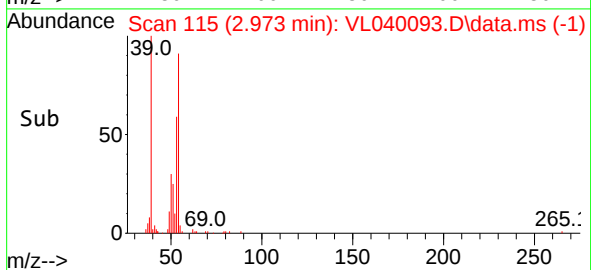
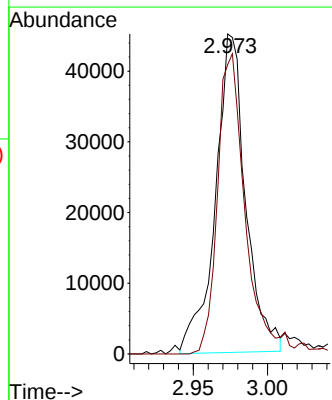
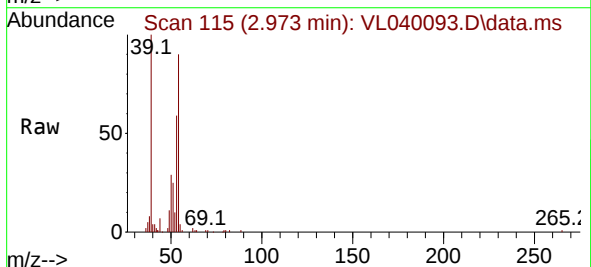
Manual Integrations
APPROVED

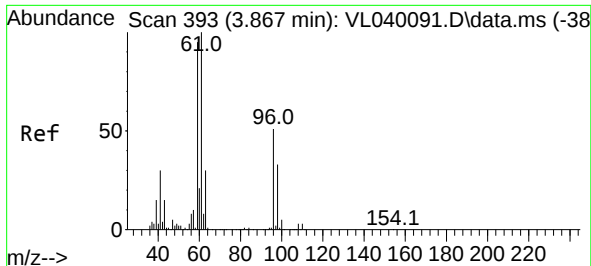
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#16
1,3-Butadiene
Concen: 0.888 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 39 Resp: 64031
Ion Ratio Lower Upper
39 100
54 89.0 67.9 101.9





#17

tert-Butyl alcohol

Concen: 0.812 ppbv m

RT: 3.883 min Scan# 393

Delta R.T. 0.016 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 59 Resp: 132704

Ion Ratio Lower Upper

59 100

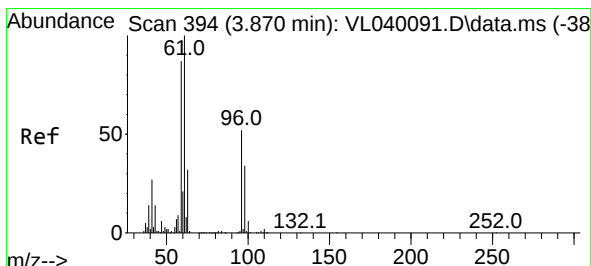
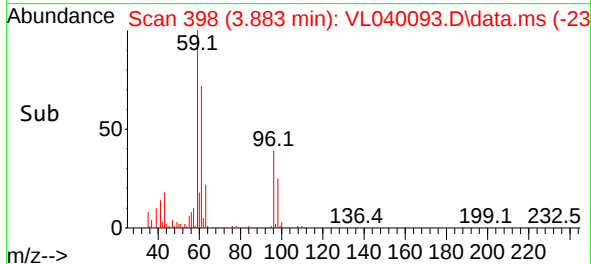
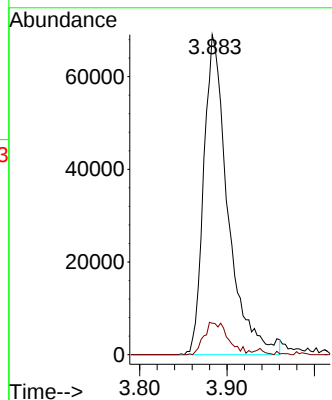
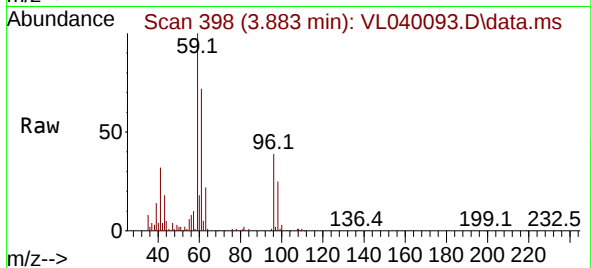
57 11.1 8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#18

1,1-Dichloroethene

Concen: 0.888 ppbv m

RT: 3.877 min Scan# 396

Delta R.T. 0.006 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

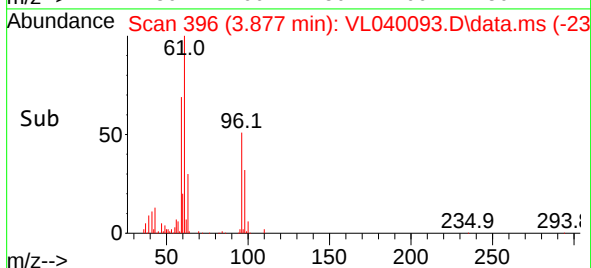
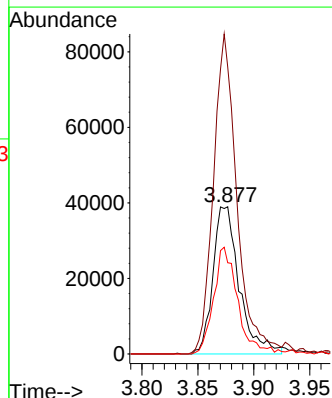
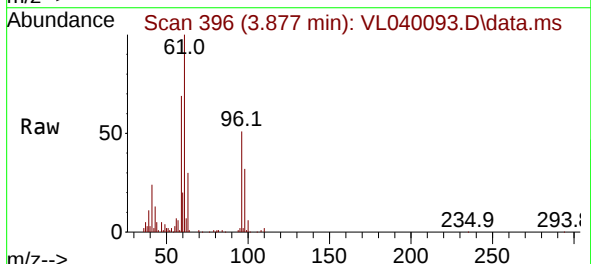
Tgt Ion: 96 Resp: 63791

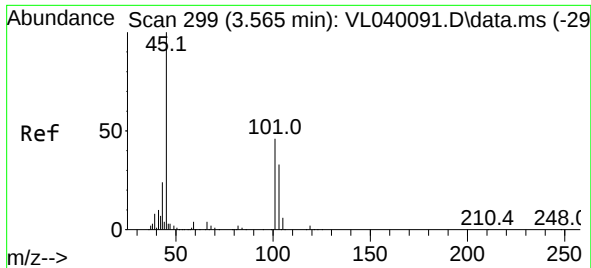
Ion Ratio Lower Upper

96 100

61 195.0 153.0 229.4

98 62.0 52.7 79.1





#19

Isopropyl Alcohol

Concen: 0.833 ppbv m

RT: 3.584 min Scan# 305

Delta R.T. 0.019 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 45 Resp: 6803

Ion Ratio Lower Upper

45 100

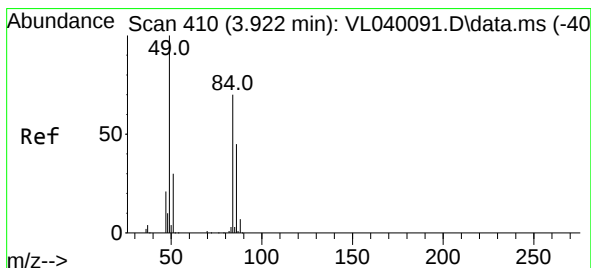
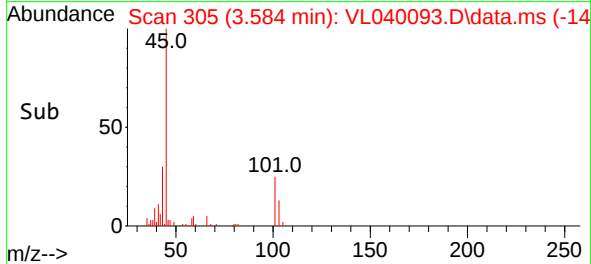
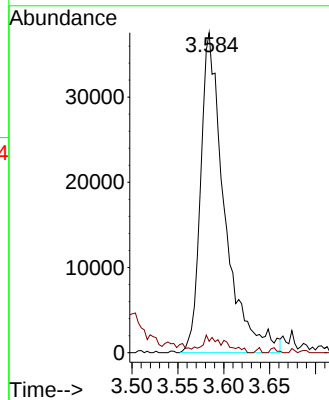
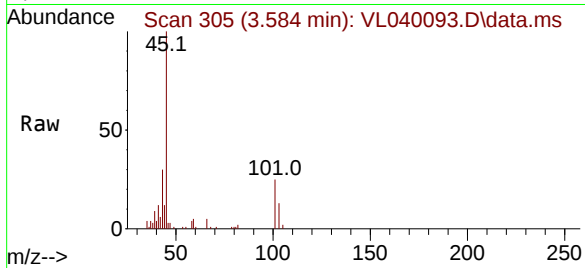
58 5.5 2.6 4.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#20

Methylene Chloride

Concen: 0.876 ppbv

RT: 3.925 min Scan# 411

Delta R.T. 0.003 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Tgt Ion: 84 Resp: 61708

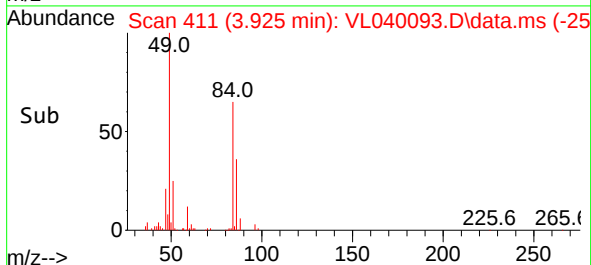
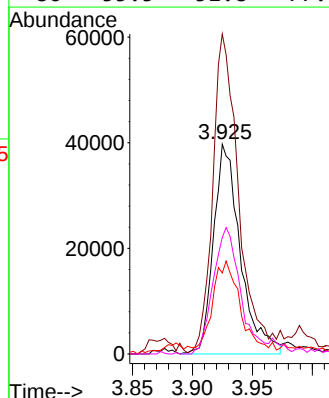
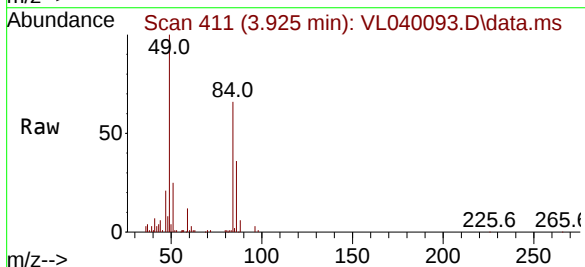
Ion Ratio Lower Upper

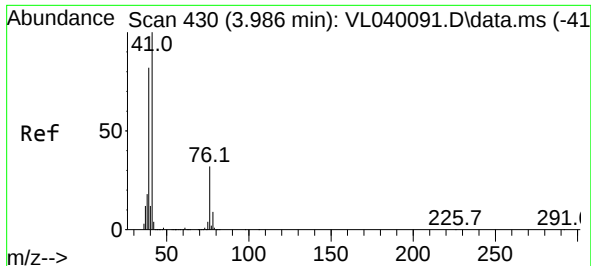
84 100

49 147.5 114.6 171.8

51 35.8 34.3 51.5

86 55.5 51.8 77.8





#21

Allyl Chloride

Concen: 0.867 ppbv

RT: 3.989 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

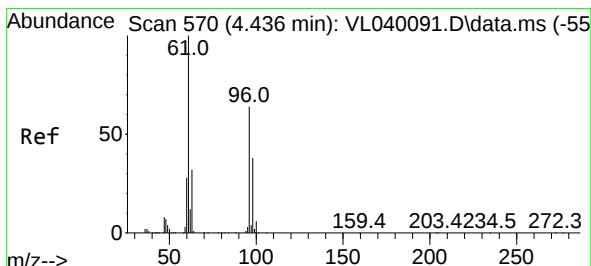
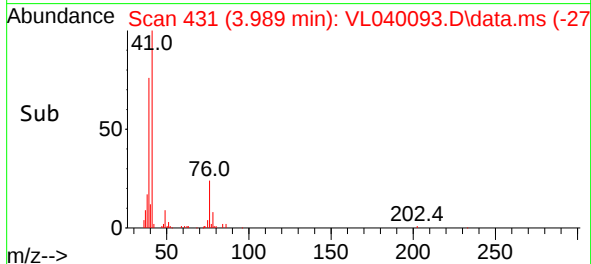
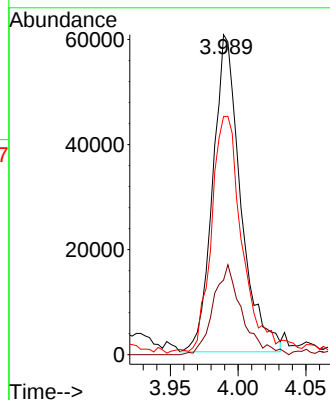
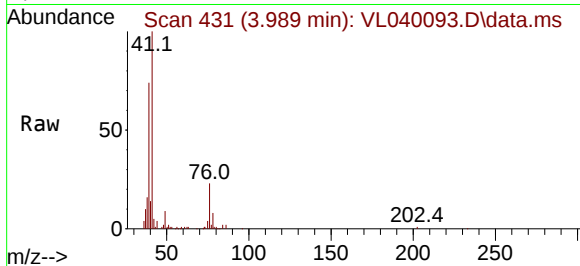
Tgt Ion: 41 Resp: 86390

Ion	Ratio	Lower	Upper
41	100		
76	28.9	25.9	38.9
39	83.9	66.8	100.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#22

trans-1,2-Dichloroethene

Concen: 0.952 ppbv m

RT: 4.439 min Scan# 571

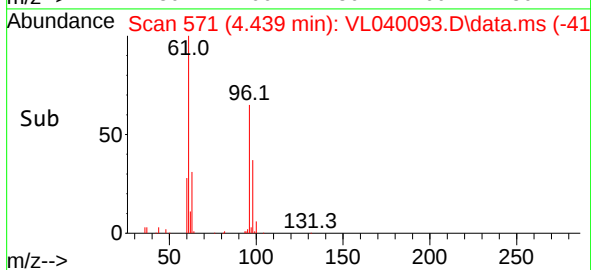
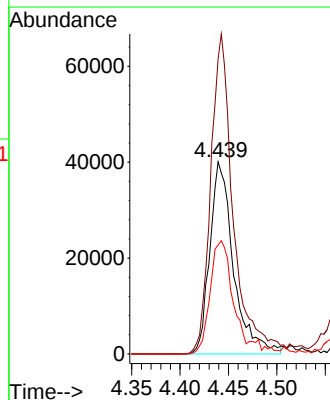
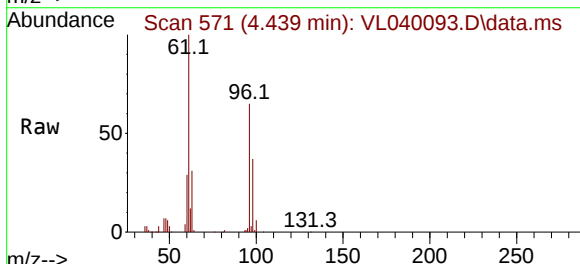
Delta R.T. 0.003 min

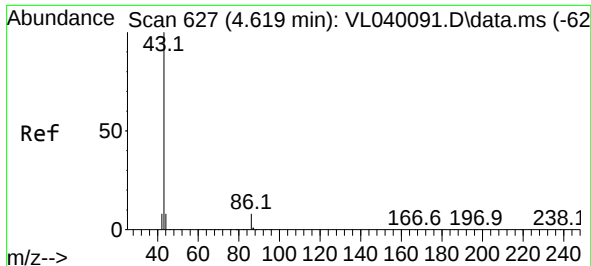
Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Tgt Ion: 96 Resp: 68184

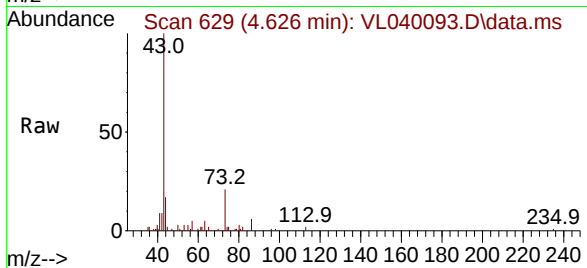
Ion	Ratio	Lower	Upper
96	100		
61	153.7	125.8	188.8
98	56.7	47.4	71.2





#23
 Vinyl Acetate
 Concen: 0.847 ppbv m
 RT: 4.626 min Scan# 61
 Delta R.T. 0.006 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35

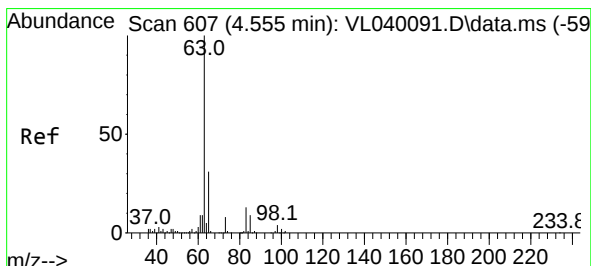
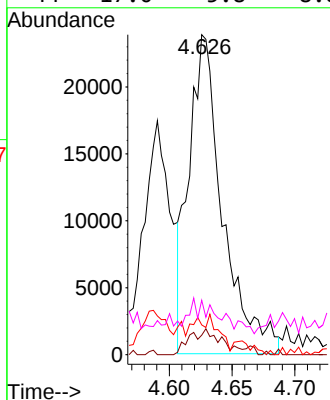
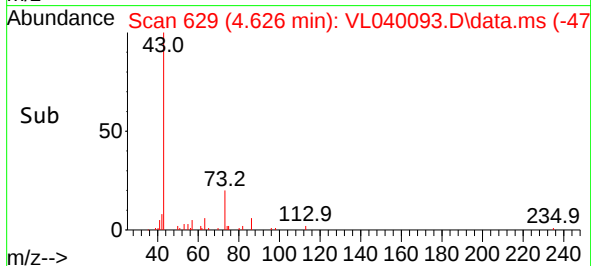
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 43 Resp: 44540
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.6 8.4
 42 9.3 7.7 11.5
 44 17.0 5.8 8.8#

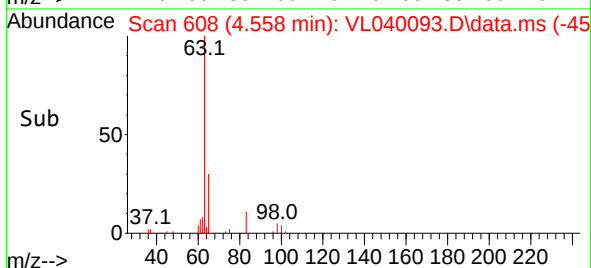
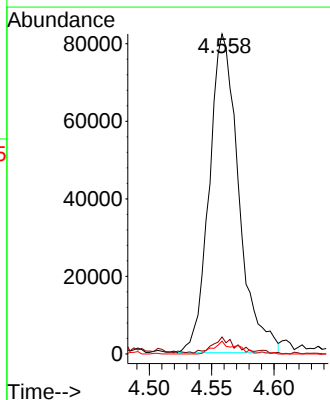
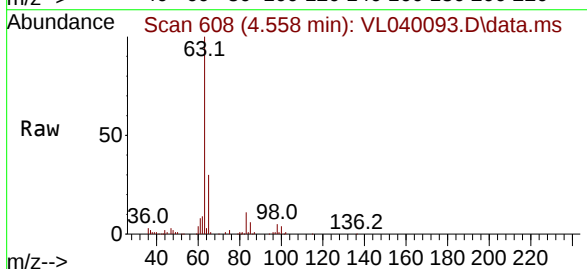
Manual Integrations
 APPROVED

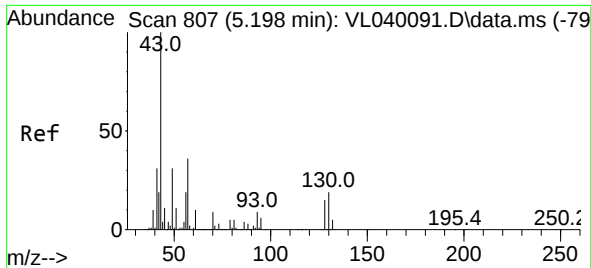
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023



#24
 1,1-Dichloroethane
 Concen: 0.876 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.003 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35

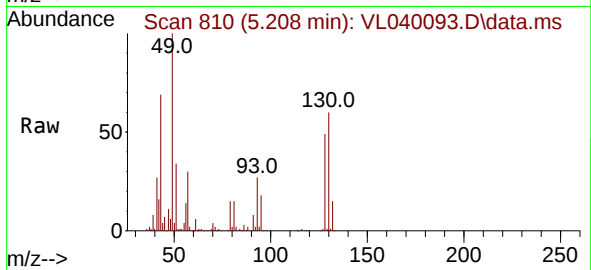
Tgt Ion: 63 Resp: 135180
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.0 5.8
 100 4.0 1.1 3.5#





#25
Ethyl Acetate
Concen: 0.803 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.010 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

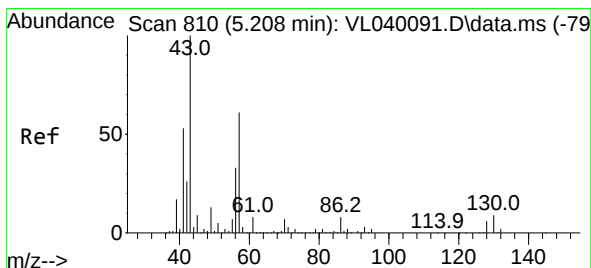
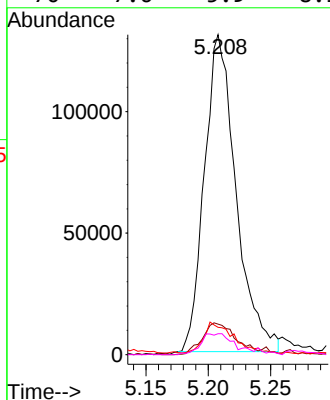
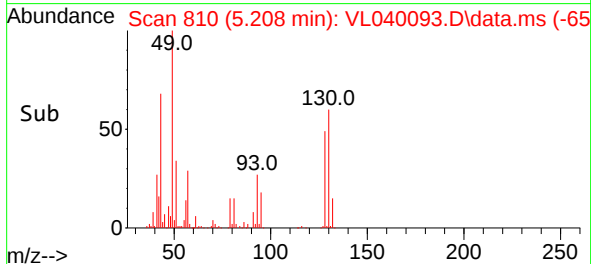


Tgt Ion: 43 Resp: 23056

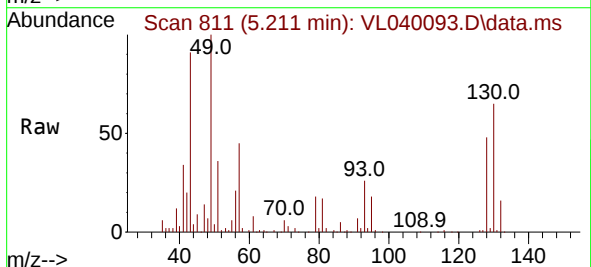
Ion	Ratio	Lower	Upper
43	100		
45	12.1	8.5	12.7
61	10.4	8.4	12.6
70	7.6	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

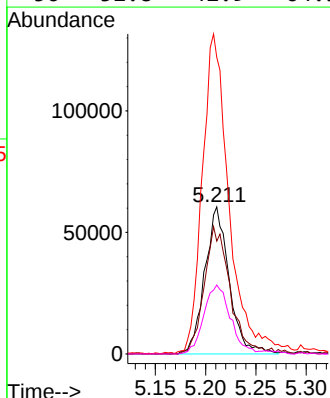
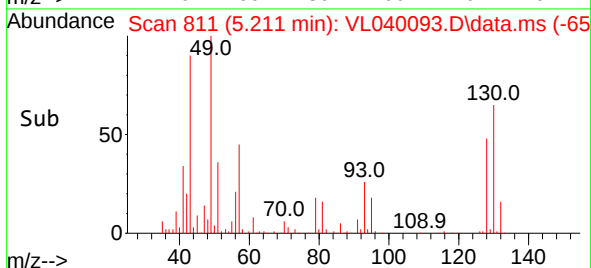


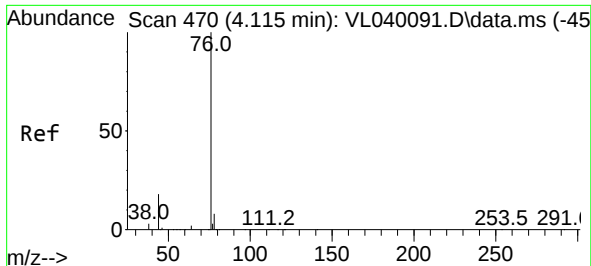
#26
Hexane
Concen: 0.848 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



Tgt Ion: 57 Resp: 102390

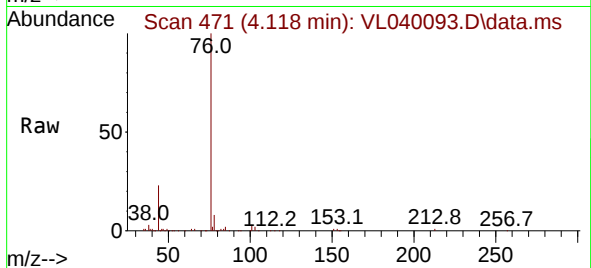
Ion	Ratio	Lower	Upper
57	100		
41	94.4	72.2	108.4
43	245.4	192.1	288.1
56	52.8	42.9	64.3





#27
Carbon Disulfide
Concen: 0.802 ppbv m
RT: 4.118 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

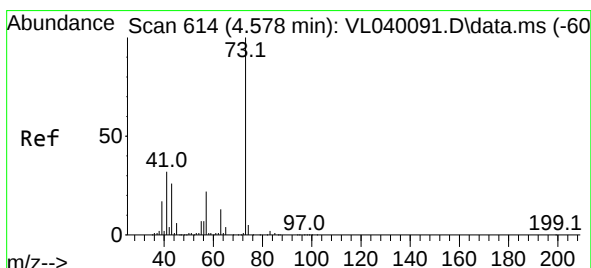
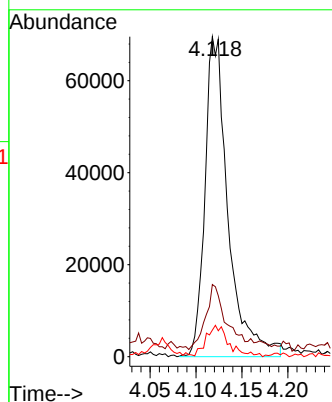
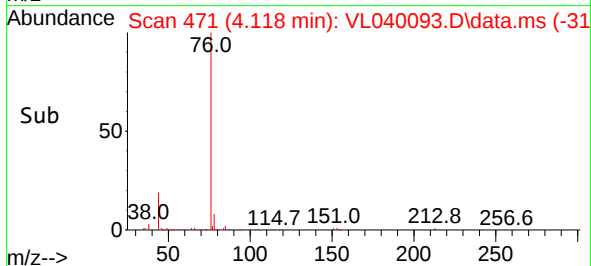
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 122044
Ion Ratio Lower Upper
76 100
44 23.6 14.9 22.3
78 0.0 8.2 12.2

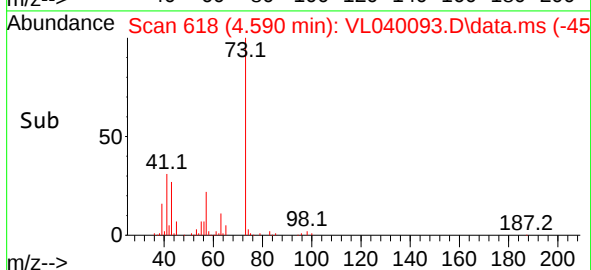
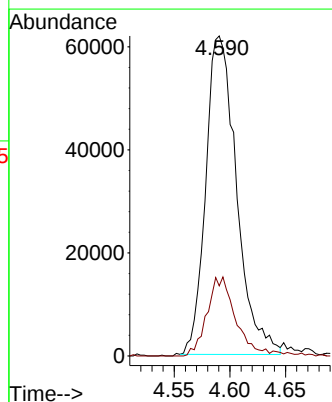
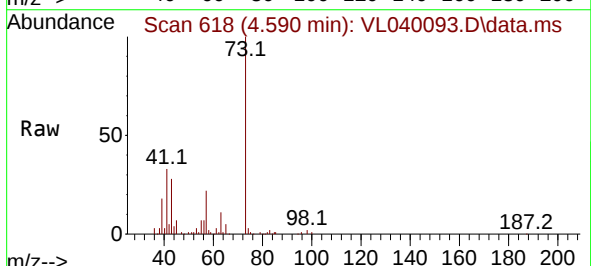
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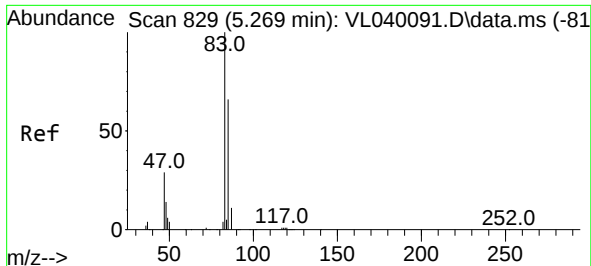
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#28
Methyl tert-Butyl Ether
Concen: 0.836 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.013 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 73 Resp: 118871
Ion Ratio Lower Upper
73 100
57 23.8 18.3 27.5





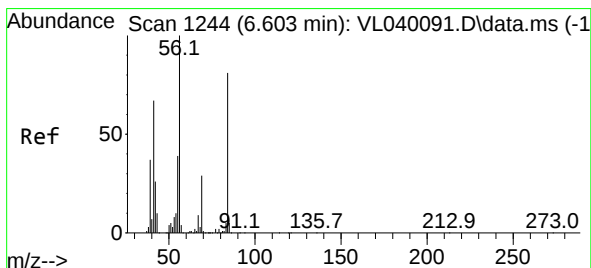
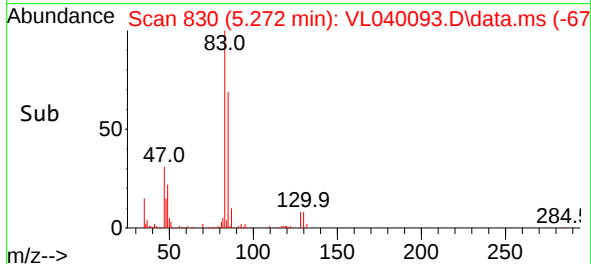
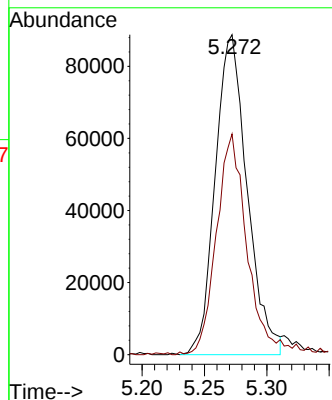
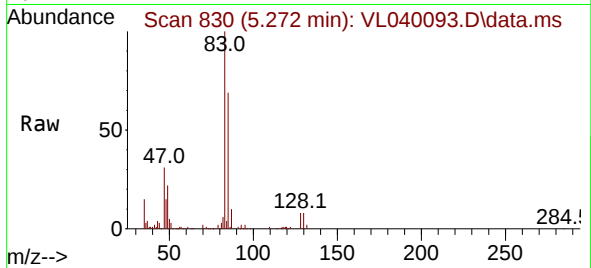
#29
Chloroform
Concen: 0.859 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 15823
Ion Ratio Lower Upper
83 100
85 68.1 53.1 79.7

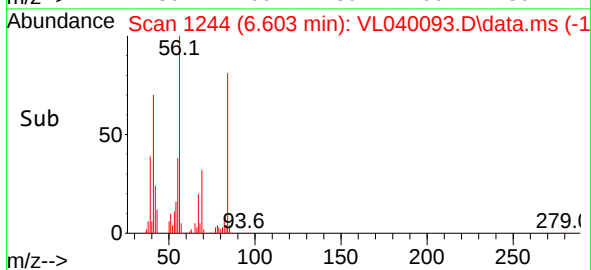
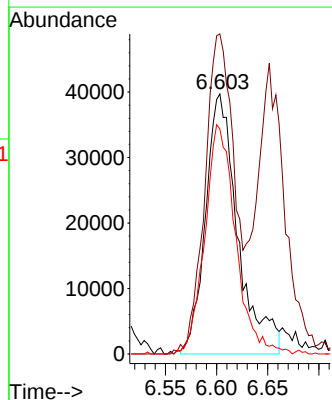
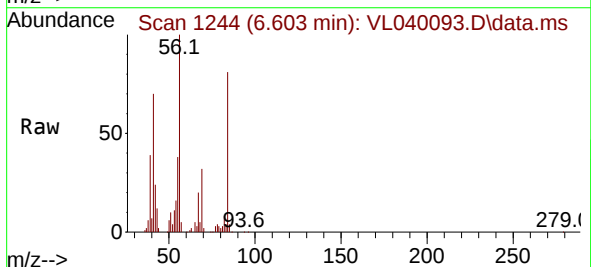
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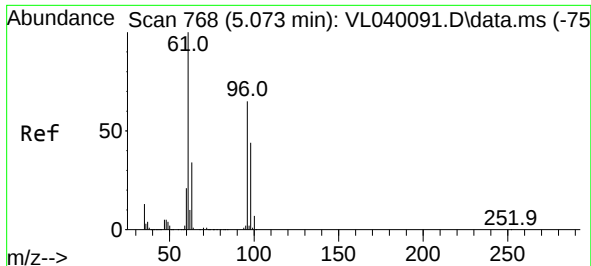
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#30
Cyclohexane
Concen: 0.817 ppbv m
RT: 6.603 min Scan# 1244
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 84 Resp: 87370
Ion Ratio Lower Upper
84 100
56 113.3 111.5 167.3
41 84.2 71.4 107.0





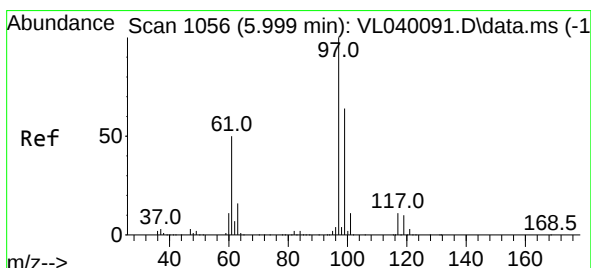
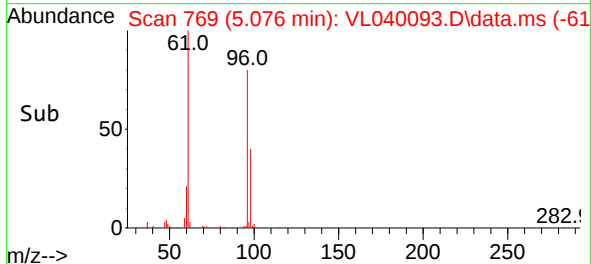
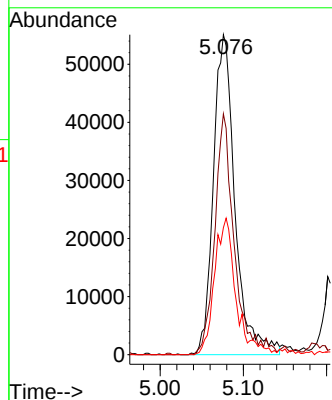
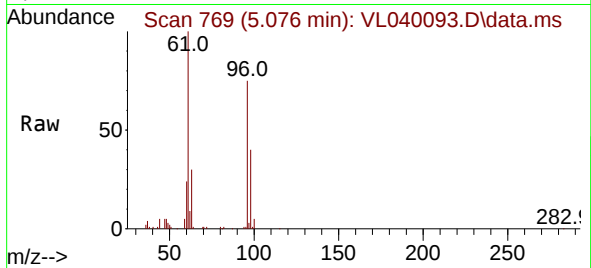
#31
cis-1,2-Dichloroethene
Concen: 0.865 ppbv m
RT: 5.076 min Scan# 768
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 61 Resp: 99450
Ion Ratio Lower Upper
61 100
96 75.2 52.0 78.0
98 39.7 35.3 52.9

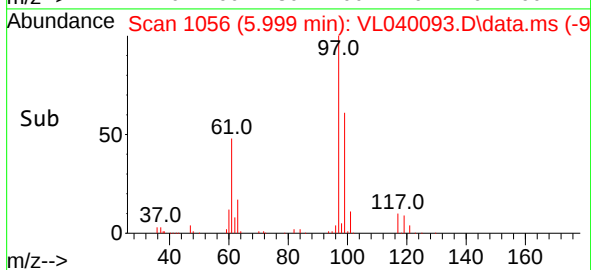
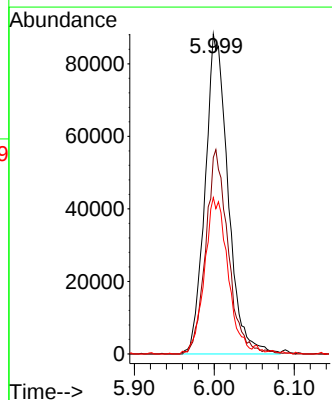
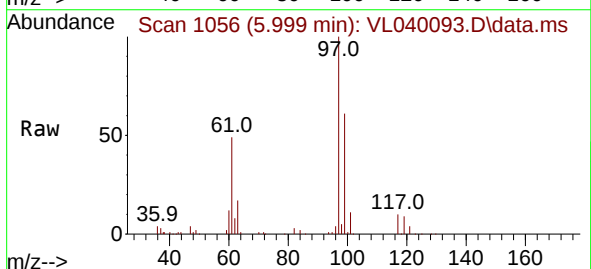
Manual Integrations
APPROVED

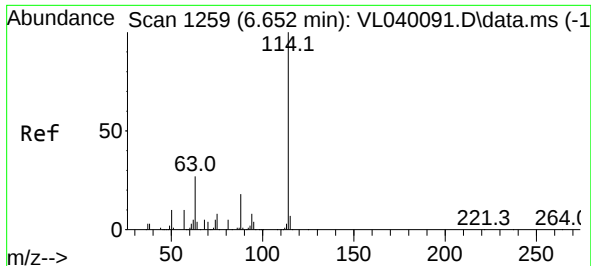
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#32
1,1,1-Trichloroethane
Concen: 0.892 ppbv
RT: 5.999 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 97 Resp: 175863
Ion Ratio Lower Upper
97 100
99 62.5 51.8 77.6
61 51.3 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:114 Resp: 2964839

Ion Ratio Lower Upper

114 100

63 25.9 21.8 32.8

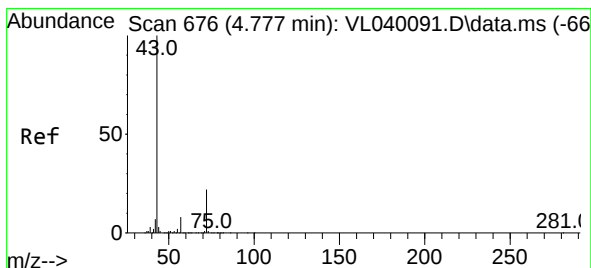
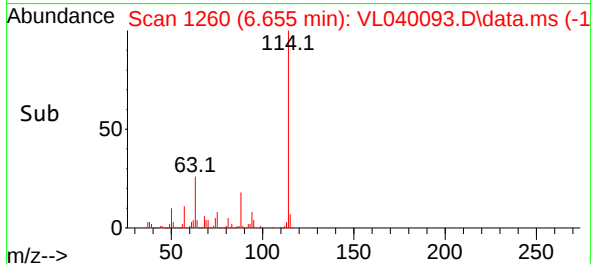
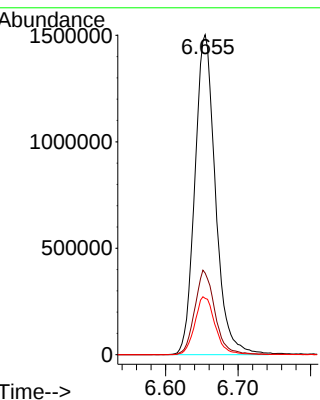
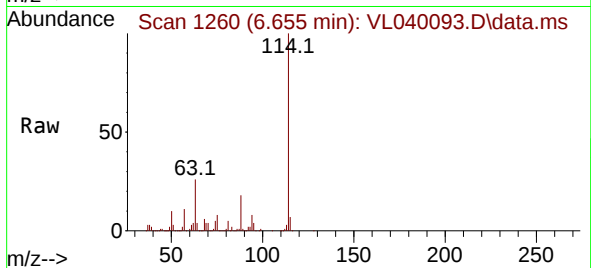
88 18.1 14.8 22.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#34

2-Butanone

Concen: 0.918 ppbv m

RT: 4.793 min Scan# 681

Delta R.T. 0.016 min

Lab File: VL040093.D

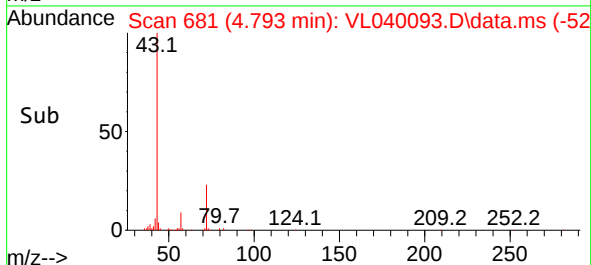
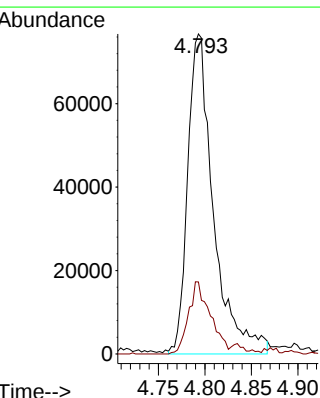
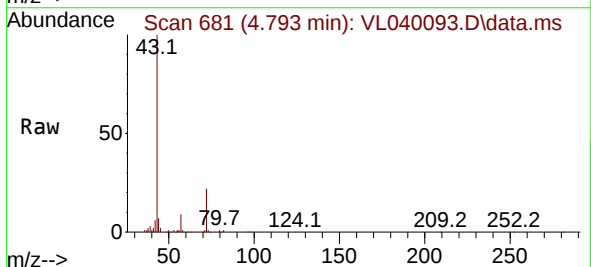
Acq: 16 Jan 2023 11:35

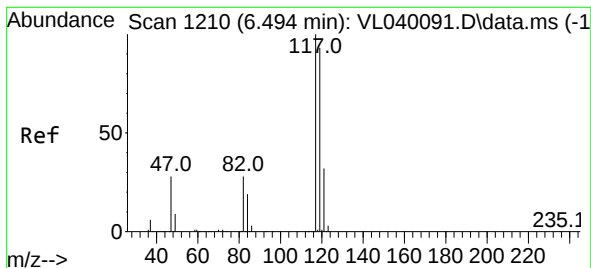
Tgt Ion: 43 Resp: 147618

Ion Ratio Lower Upper

43 100

72 20.9 18.4 27.6





#35

Carbon Tetrachloride

Concen: 0.928 ppbv

RT: 6.494 min Scan# 1170

Delta R.T. -0.000 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

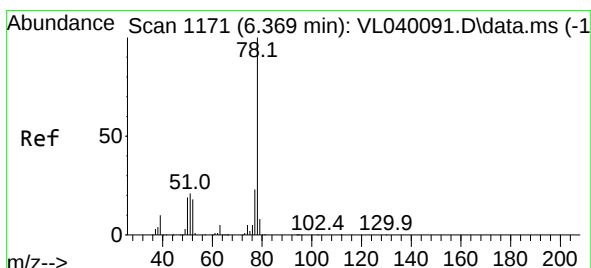
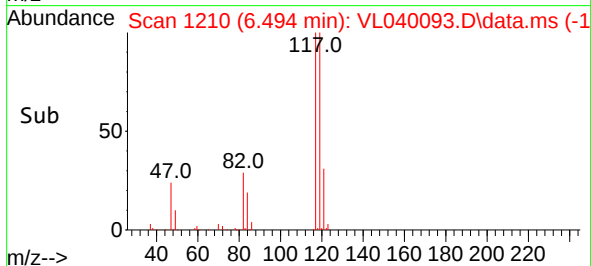
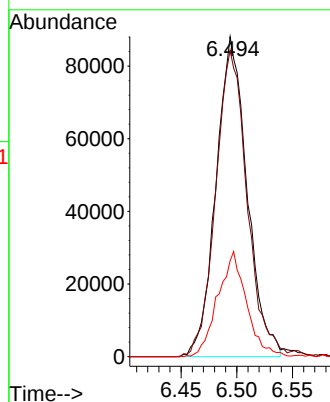
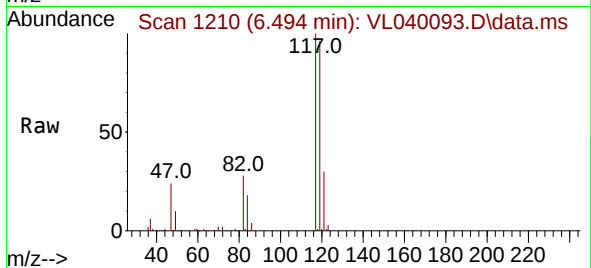
Tgt Ion: 117 Resp: 17085

Ion	Ratio	Lower	Upper
117	100		
119	95.8	74.5	111.7
121	29.8	25.4	38.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#36

Benzene

Concen: 0.818 ppbv

RT: 6.369 min Scan# 1171

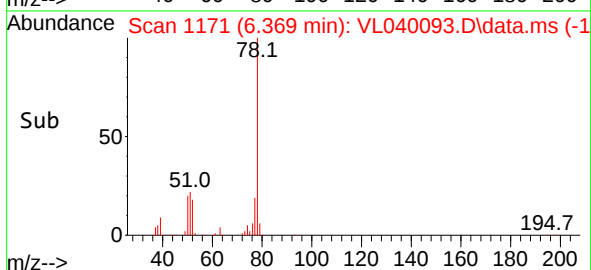
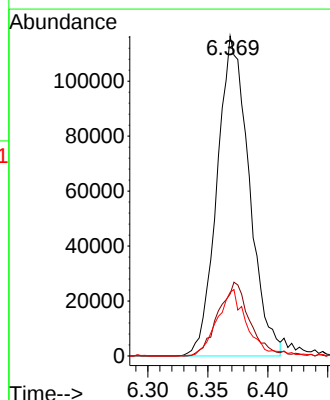
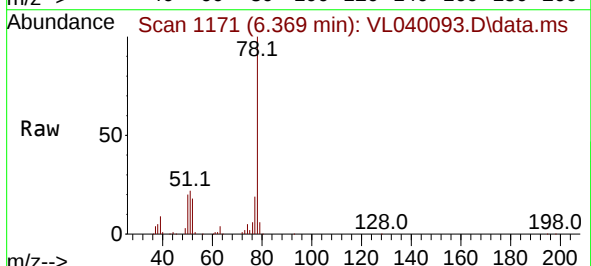
Delta R.T. -0.000 min

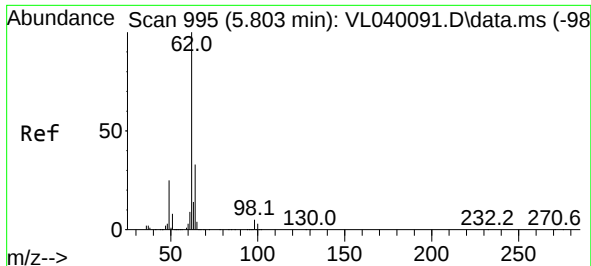
Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Tgt Ion: 78 Resp: 216615

Ion	Ratio	Lower	Upper
78	100		
77	19.2	18.1	27.1
50	19.9	15.6	23.4





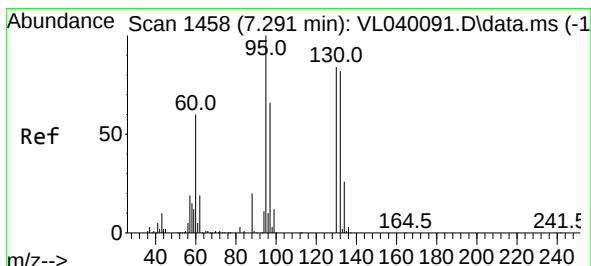
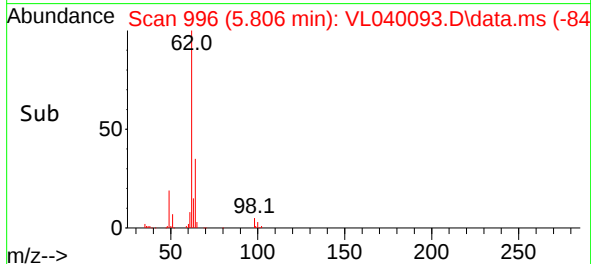
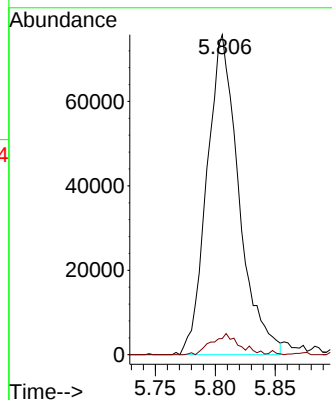
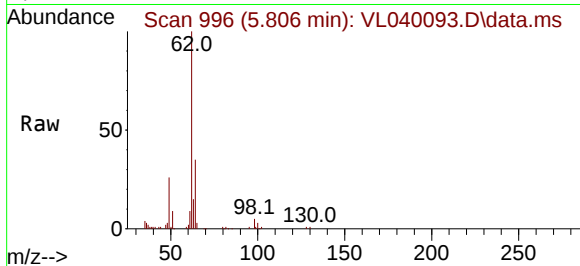
#37
1,2-Dichloroethane
Concen: 0.903 ppbv
RT: 5.806 min Scan# 995
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 62 Resp: 140328
Ion Ratio Lower Upper
62 100
98 6.0 4.4 6.6

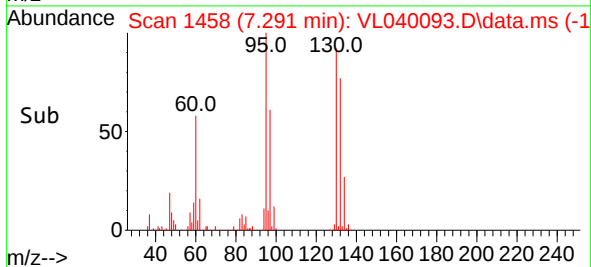
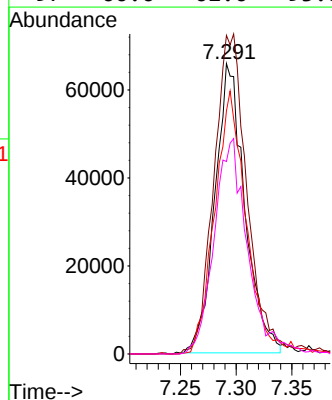
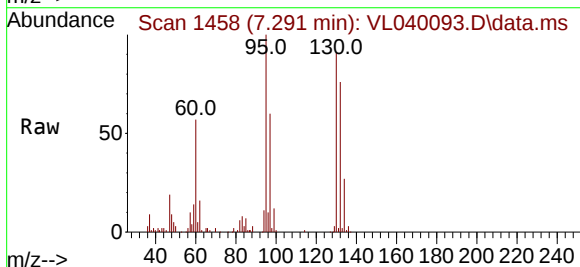
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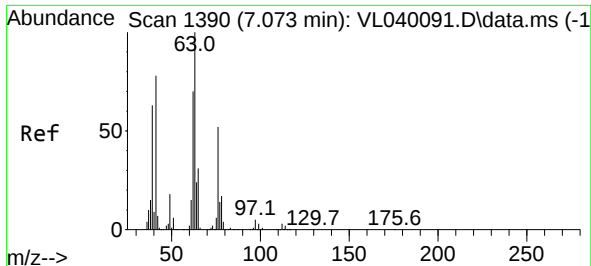
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#38
Trichloroethene
Concen: 0.903 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion:130 Resp: 122822
Ion Ratio Lower Upper
130 100
95 110.1 95.0 142.6
132 83.8 77.9 116.9
97 66.6 62.6 93.8





#39

1,2-Dichloropropane

Concen: 0.880 ppbv m

RT: 7.073 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

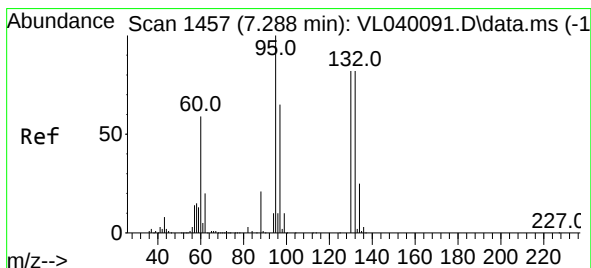
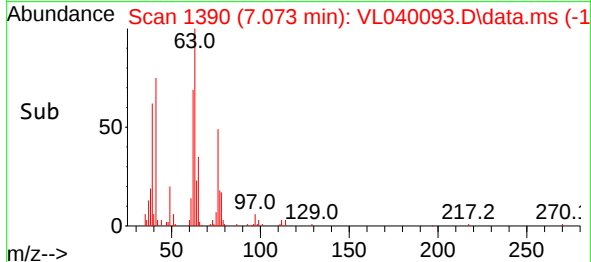
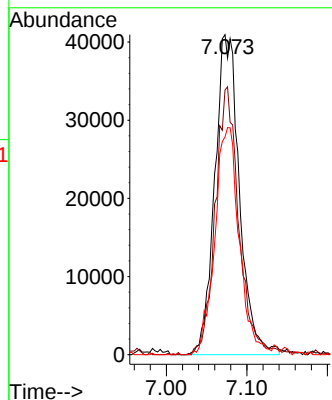
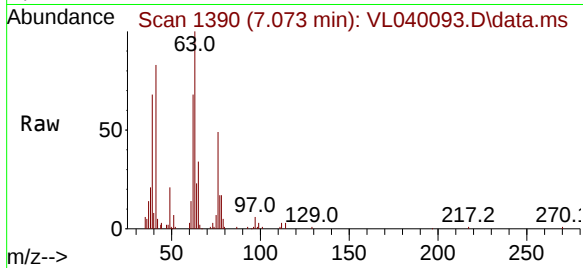
VSTDIC001

Tgt Ion: 63	Resp: 8730
Ion Ratio	Lower Upper
63	100
41	82.7 62.2 93.4
62	68.0 55.8 83.8

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Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#40

1,4-Dioxane

Concen: 0.750 ppbv m

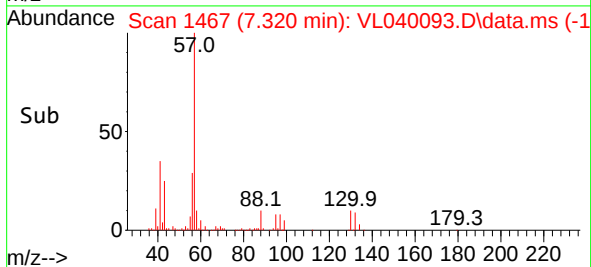
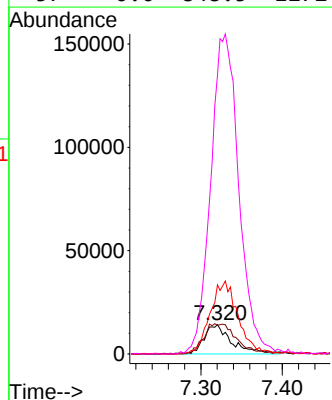
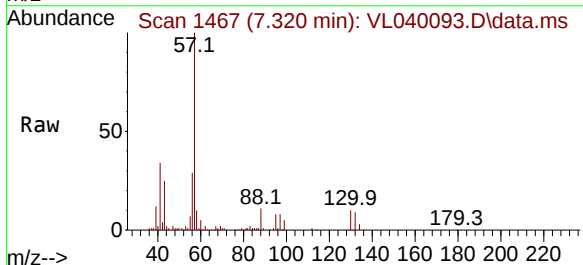
RT: 7.320 min Scan# 1467

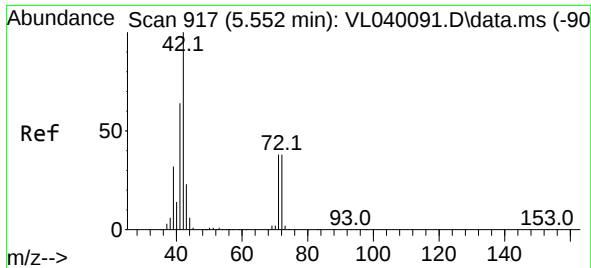
Delta R.T. 0.032 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

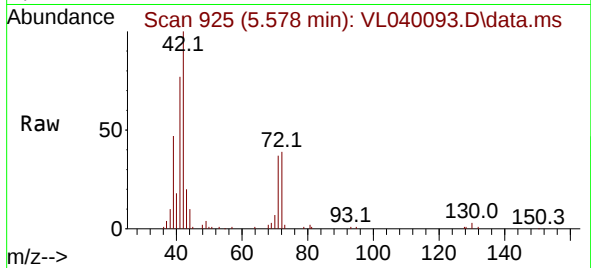
Tgt Ion: 88	Resp: 33554
Ion Ratio	Lower Upper
88	100
58	0.0 97.5 146.3#
43	0.0 195.0 292.4#
57	0.0 848.5 1272.7#





#41
Tetrahydrofuran
Concen: 0.801 ppbv m
RT: 5.578 min Scan# 917
Delta R.T. 0.026 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

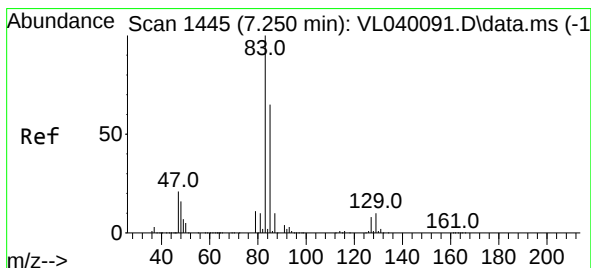
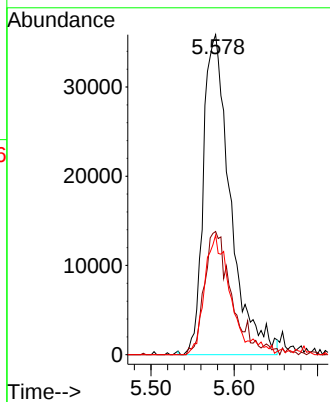
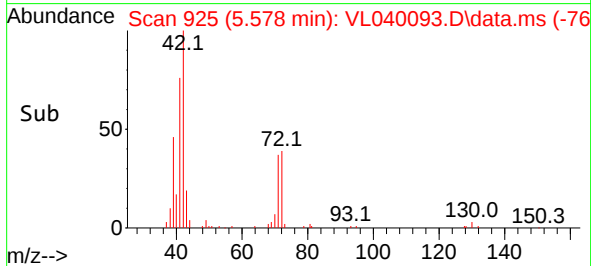
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 42 Resp: 80410
Ion Ratio Lower Upper
42 100
72 40.4 31.9 47.9
71 37.5 31.4 47.2

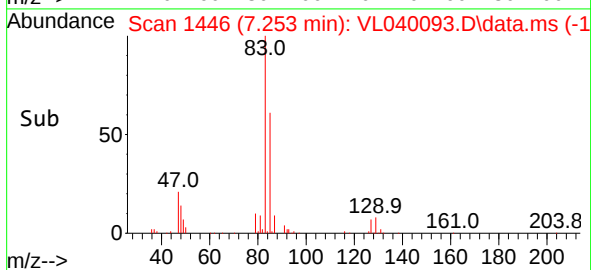
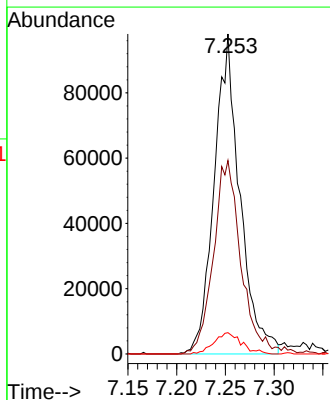
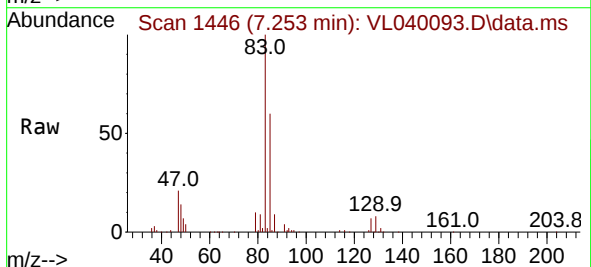
Manual Integrations
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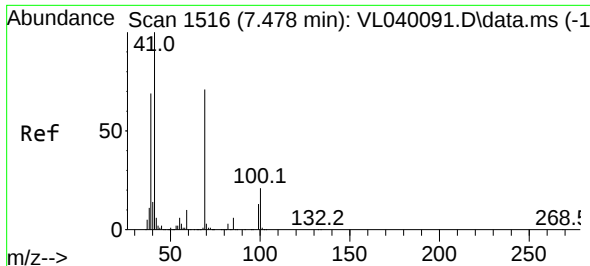
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#42
Bromodichloromethane
Concen: 0.845 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 83 Resp: 179792
Ion Ratio Lower Upper
83 100
85 60.5 51.7 77.5
127 6.6 6.2 9.2





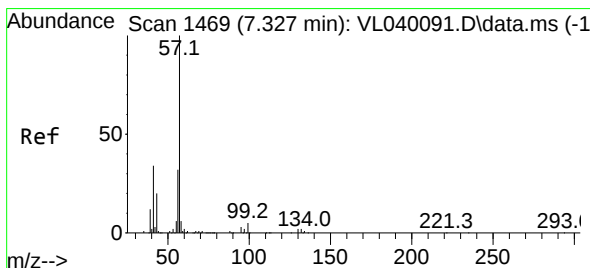
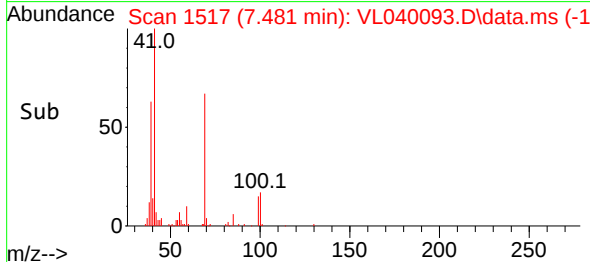
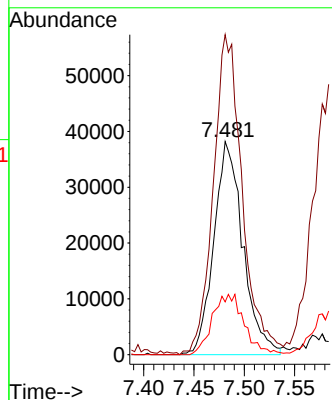
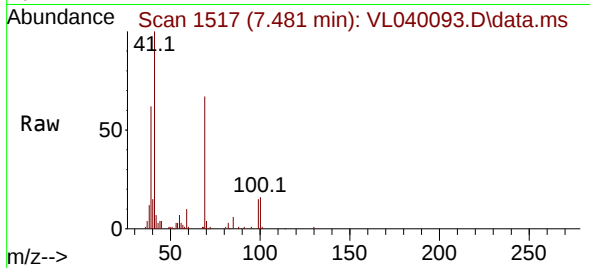
#43
Methyl Methacrylate
Concen: 0.773 ppbv
RT: 7.481 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 7677
Ion Ratio Lower Upper
69 100
41 148.8 118.2 177.2
100 31.1 24.2 36.4

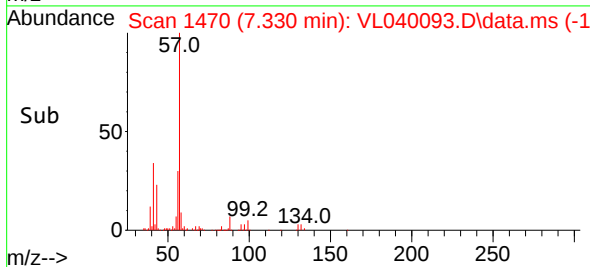
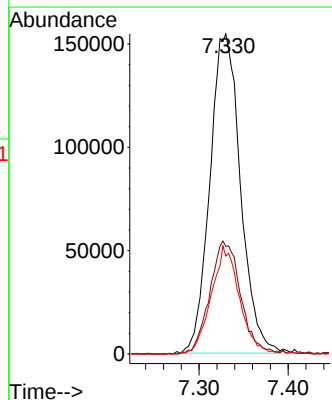
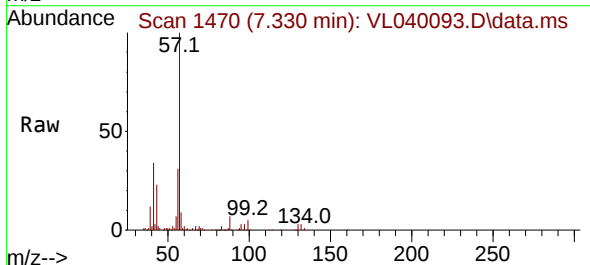
Manual Integrations
APPROVED

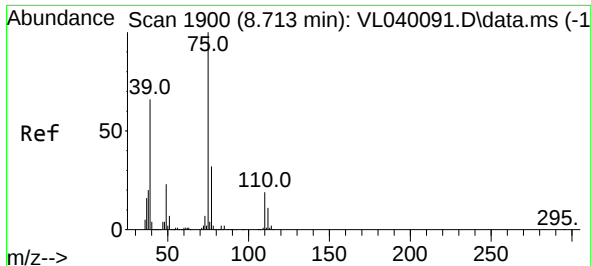
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#44
2,2,4-Trimethylpentane
Concen: 0.846 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

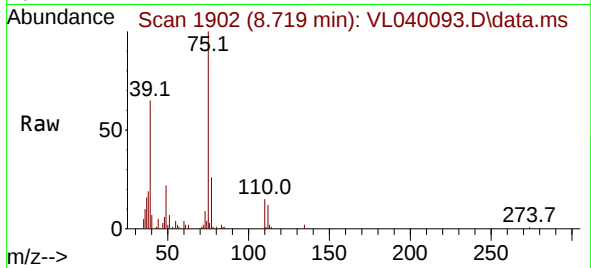
Tgt Ion: 57 Resp: 368596
Ion Ratio Lower Upper
57 100
41 35.8 27.1 40.7
56 31.5 25.0 37.4





#45
t-1,3-Dichloropropene
Concen: 0.674 ppbv m
RT: 8.719 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

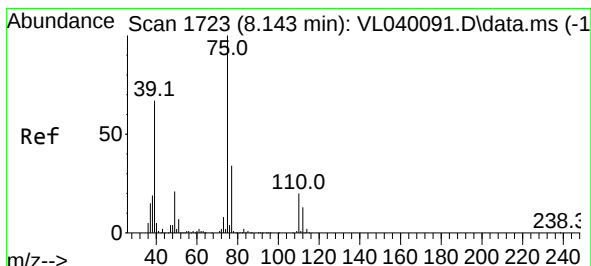
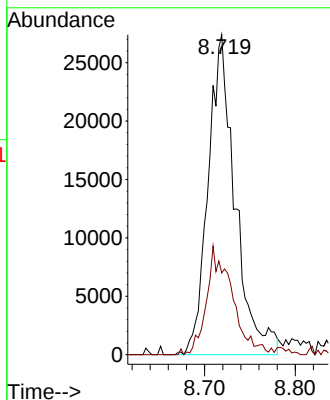
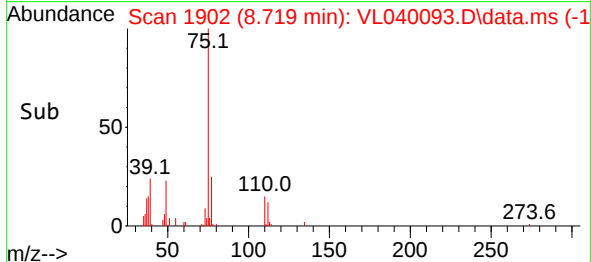
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 75 Resp: 5664
Ion Ratio Lower Upper
75 100
77 25.6 25.6 38.4

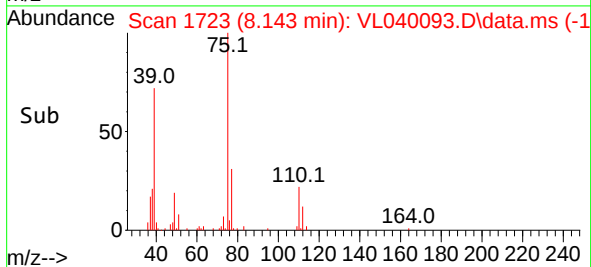
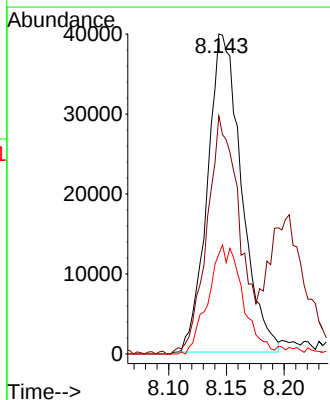
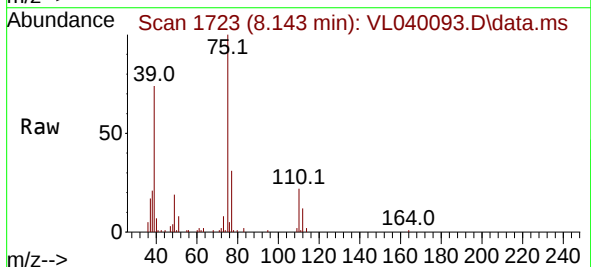
Manual Integrations
APPROVED

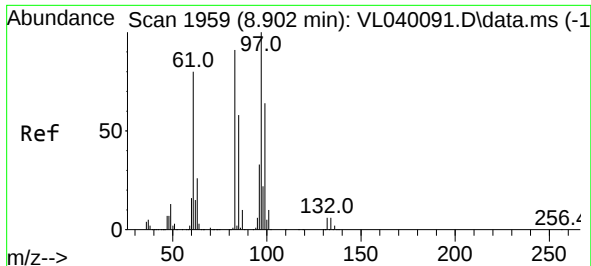
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#46
cis-1,3-Dichloropropene
Concen: 0.689 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 75 Resp: 81643
Ion Ratio Lower Upper
75 100
39 72.9 53.6 80.4
77 31.4 26.9 40.3





#47

1,1,2-Trichloroethane

Concen: 0.814 ppbv m

RT: 8.905 min Scan# 1959

Delta R.T. 0.003 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 88490

Ion Ratio Lower Upper

97 100

83 96.8 72.9 109.3

85 56.6 46.0 69.0

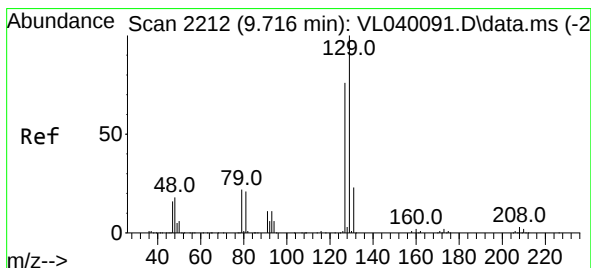
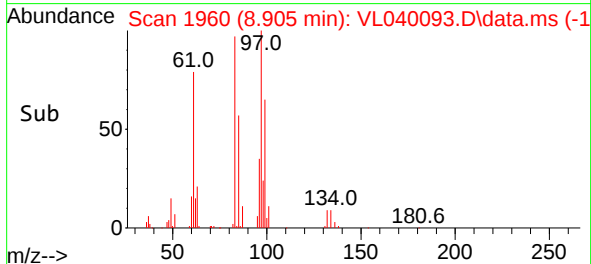
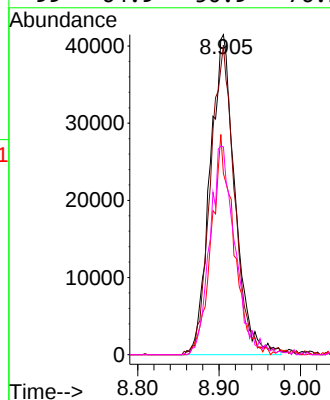
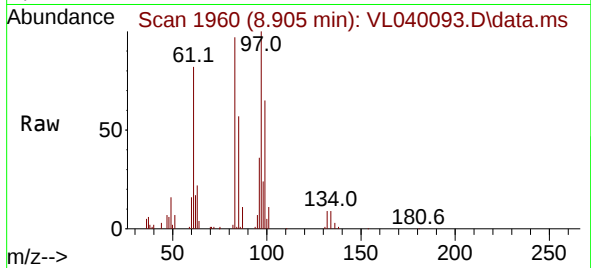
99 64.9 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#48

Dibromochloromethane

Concen: 0.808 ppbv m

RT: 9.712 min Scan# 2211

Delta R.T. -0.003 min

Lab File: VL040093.D

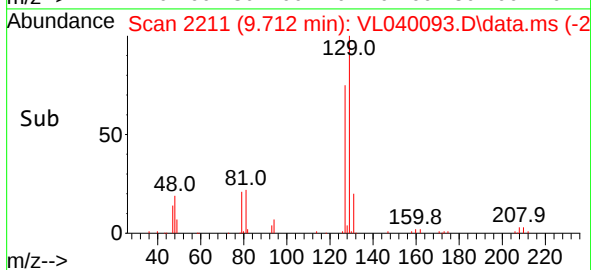
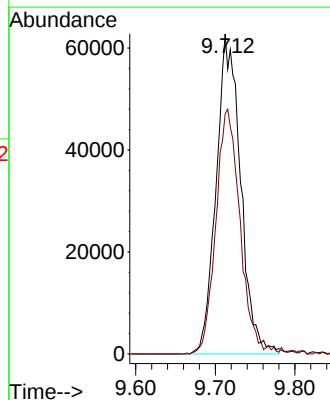
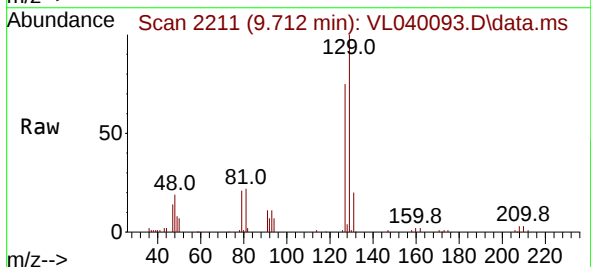
Acq: 16 Jan 2023 11:35

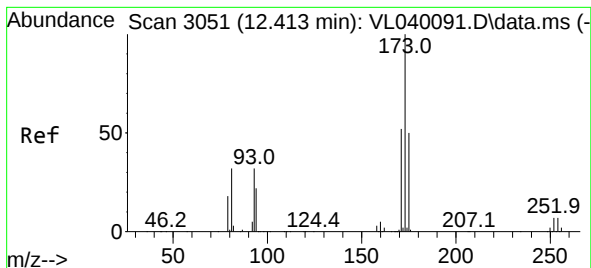
Tgt Ion:129 Resp: 133488

Ion Ratio Lower Upper

129 100

127 76.5 39.3 117.9





#49

Bromoform

Concen: 0.754 ppbv

RT: 12.420 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

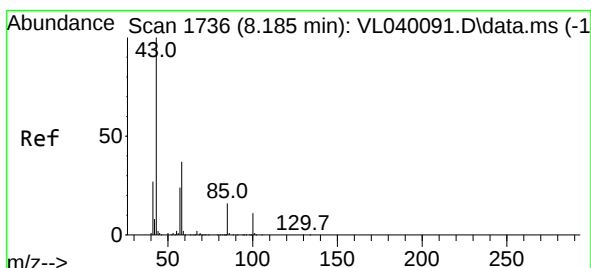
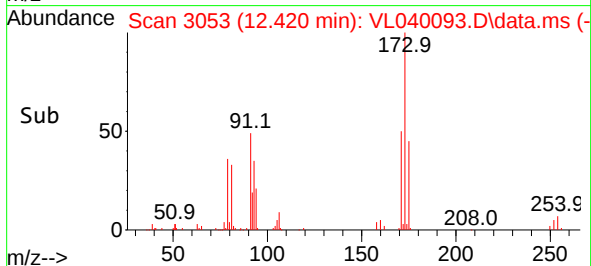
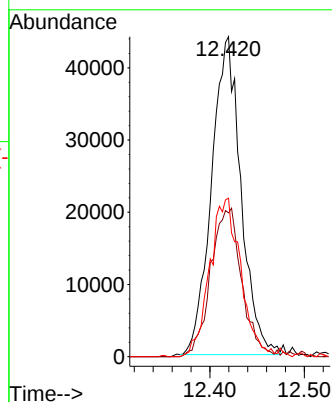
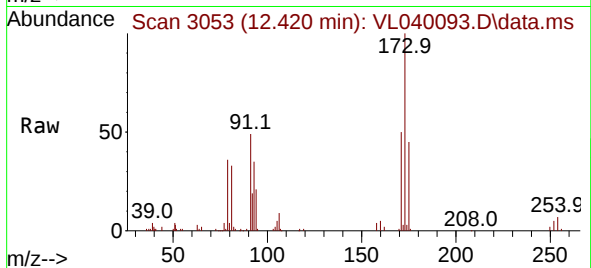
Tgt Ion: 173 Resp: 9513

Ion	Ratio	Lower	Upper
173	100		
175	50.2	39.7	59.5
171	53.0	42.2	63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#50

4-Methyl-2-Pentanone

Concen: 0.808 ppbv

RT: 8.201 min Scan# 1741

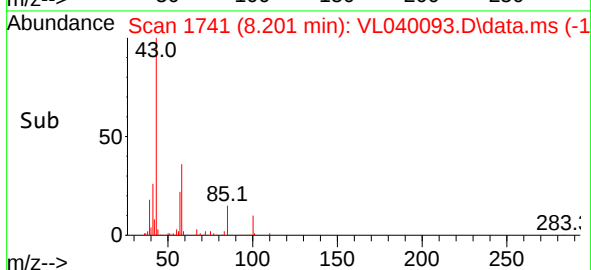
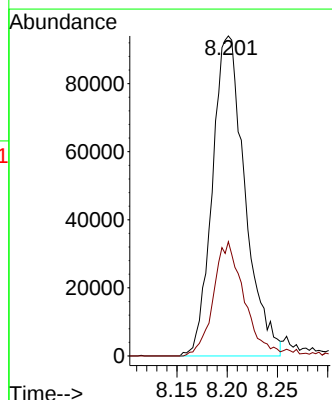
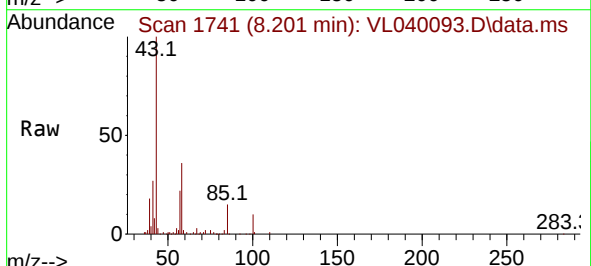
Delta R.T. 0.016 min

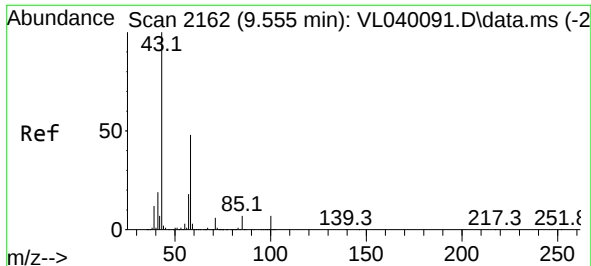
Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Tgt Ion: 43 Resp: 212360

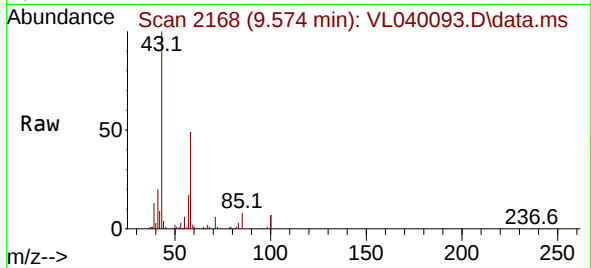
Ion	Ratio	Lower	Upper
43	100		
58	35.2	28.8	43.2





#51
2-Hexanone
Concen: 0.764 ppbv m
RT: 9.574 min Scan# 2162
Delta R.T. 0.019 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

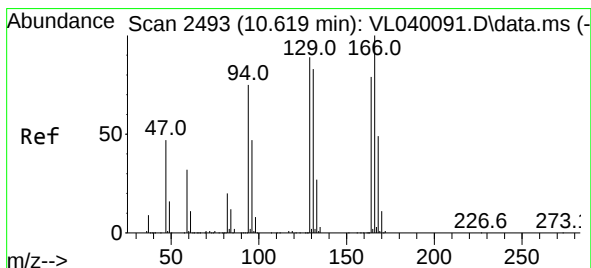
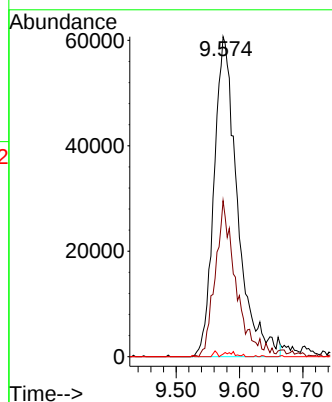
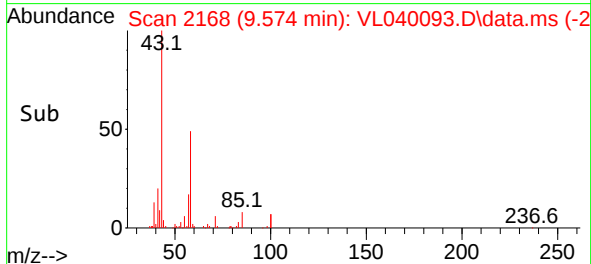
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 156089
Ion Ratio Lower Upper
43 100
58 43.3 37.5 56.3
98 0.3 0.4 0.6

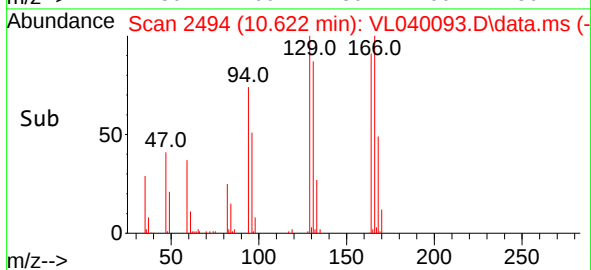
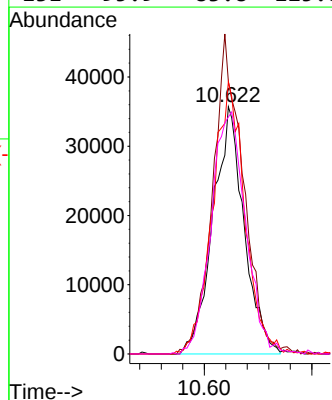
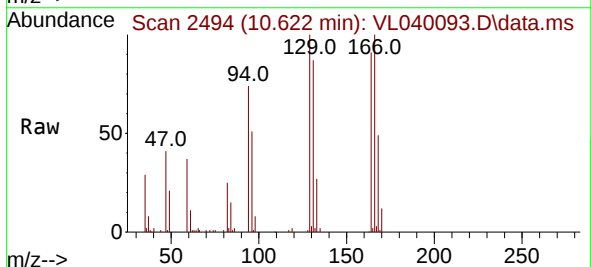
Manual Integrations
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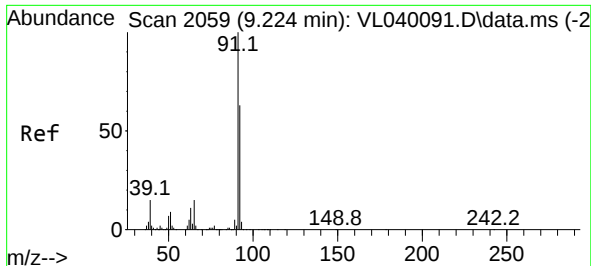
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#52
Tetrachloroethene
Concen: 0.795 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion:164 Resp: 71600
Ion Ratio Lower Upper
164 100
166 108.3 101.2 151.8
129 109.3 90.2 135.2
131 95.9 83.8 125.8





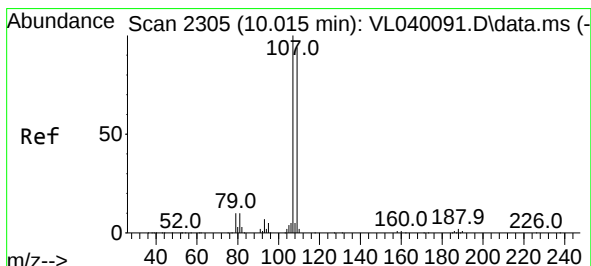
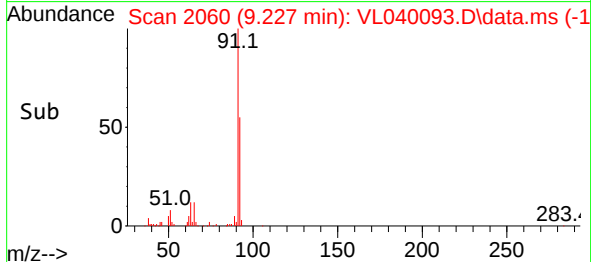
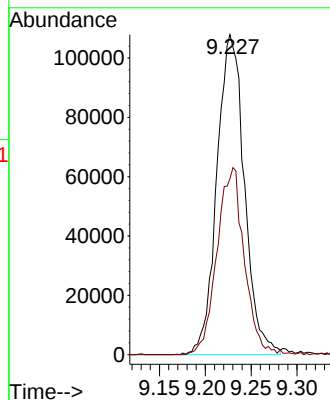
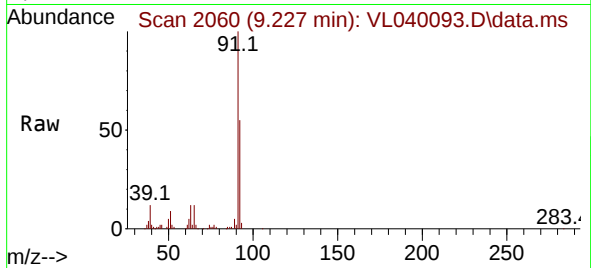
#53
Toluene
Concen: 0.767 ppbv
RT: 9.227 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 224929
Ion Ratio Lower Upper
91 100
92 58.2 48.3 72.5

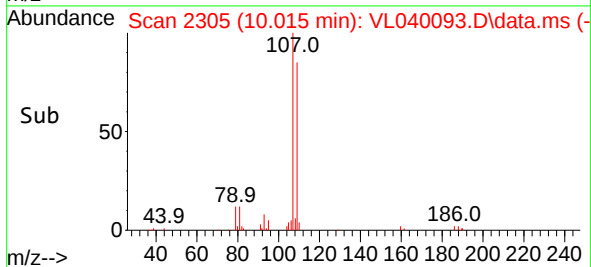
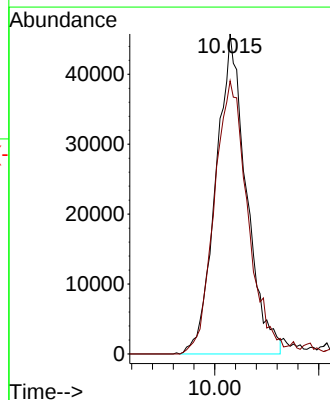
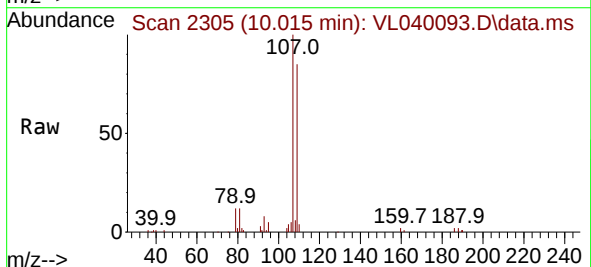
Manual Integrations
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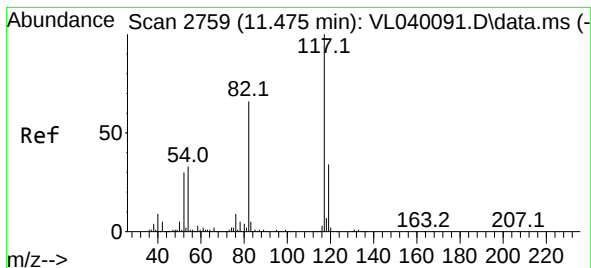
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#54
1,2-Dibromoethane
Concen: 0.798 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

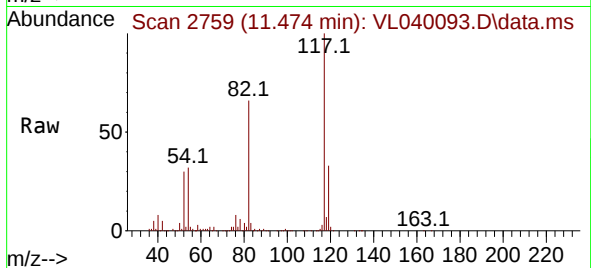
Tgt Ion:107 Resp: 93423
Ion Ratio Lower Upper
107 100
109 85.4 75.0 112.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2759
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

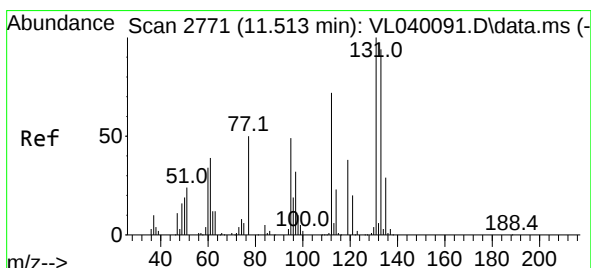
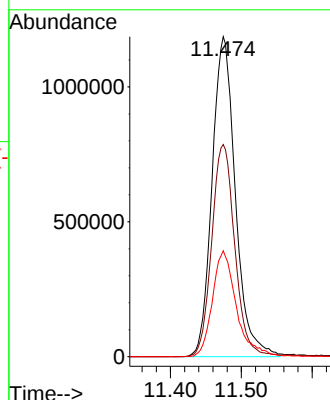
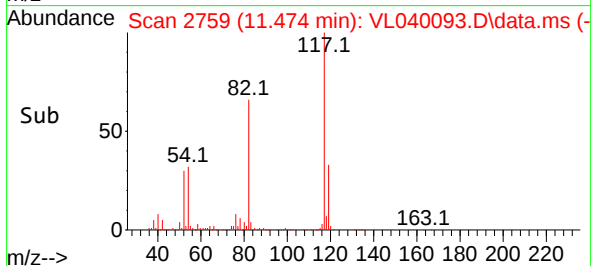
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



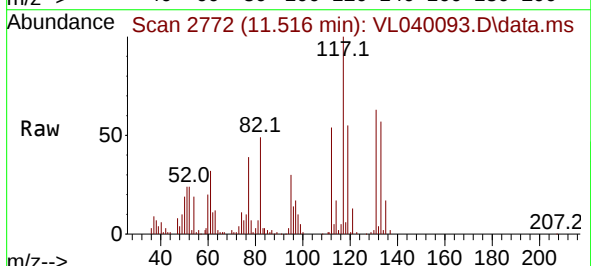
Tgt Ion:117 Resp: 270882
Ion Ratio Lower Upper
117 100
82 66.5 54.4 81.6
119 34.1 26.8 40.2

Manual Integrations
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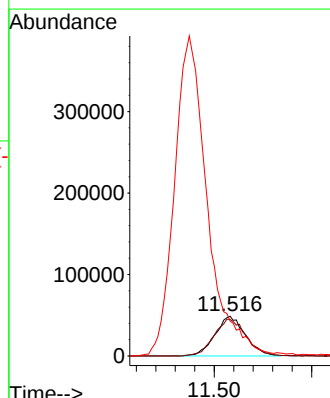
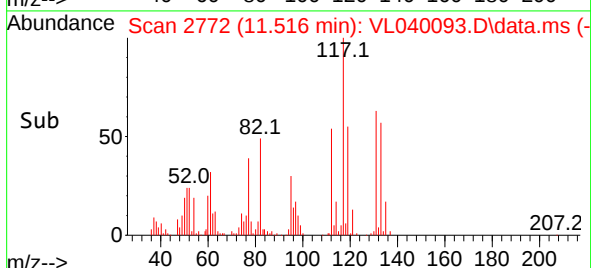
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

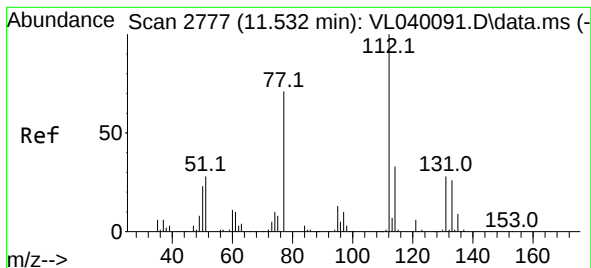


#56
1,1,1,2-Tetrachloroethane
Concen: 0.843 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



Tgt Ion:131 Resp: 105336
Ion Ratio Lower Upper
131 100
133 98.4 75.6 113.4
119 879.3 47.2 70.8#





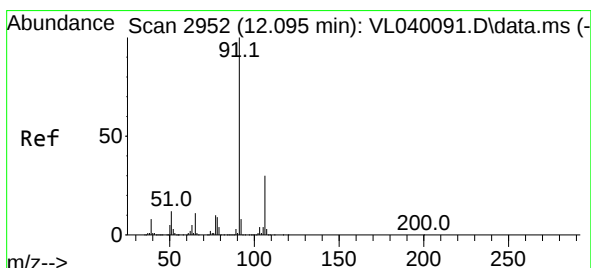
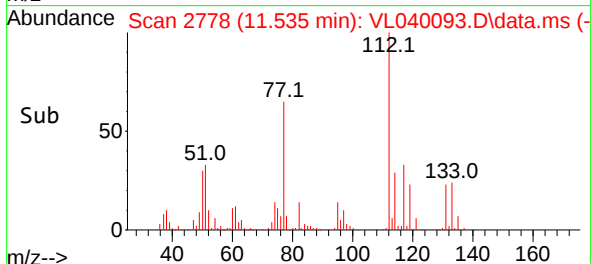
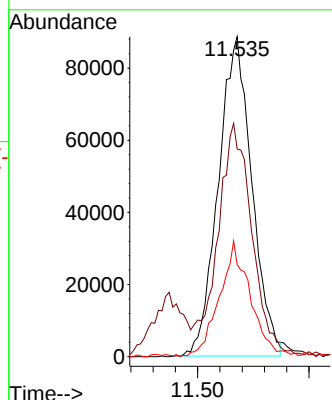
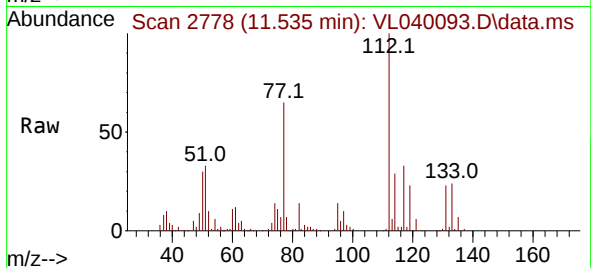
#57
Chlorobenzene
Concen: 0.806 ppbv
RT: 11.535 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 112 Resp: 185412
Ion Ratio Lower Upper
112 100
77 61.9 57.3 85.9
114 28.8 29.6 36.2

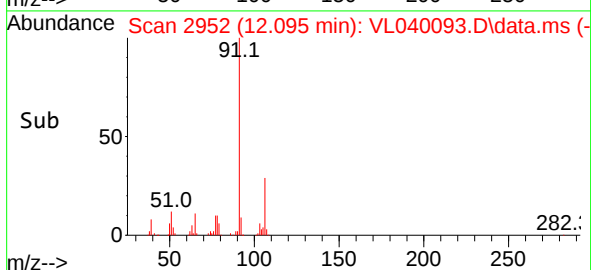
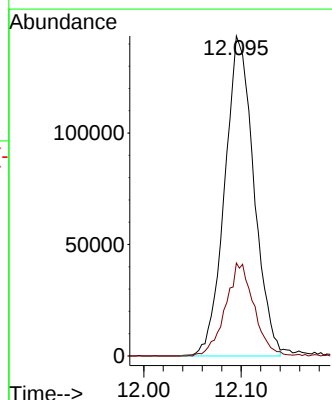
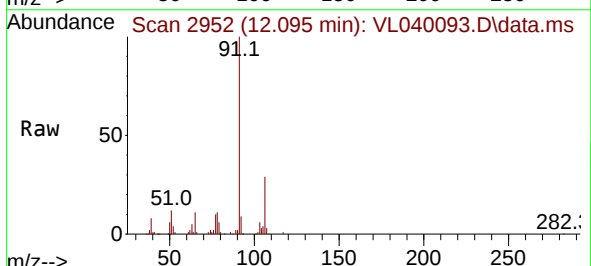
Manual Integrations
APPROVED

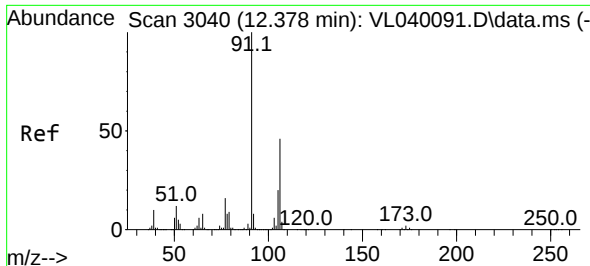
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#58
Ethyl Benzene
Concen: 0.775 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 91 Resp: 298292
Ion Ratio Lower Upper
91 100
106 29.1 23.7 35.5





#59

m/p-Xylene

Concen: 1.647 ppbv m

RT: 12.384 min Scan# 3042

Delta R.T. 0.006 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 552369

Ion Ratio Lower Upper

91 100

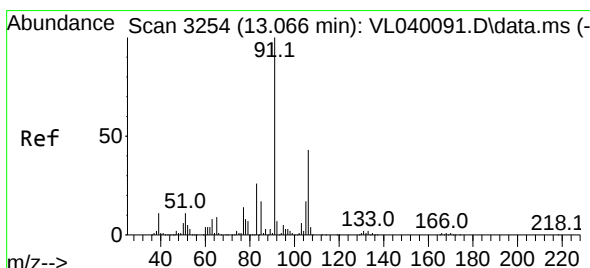
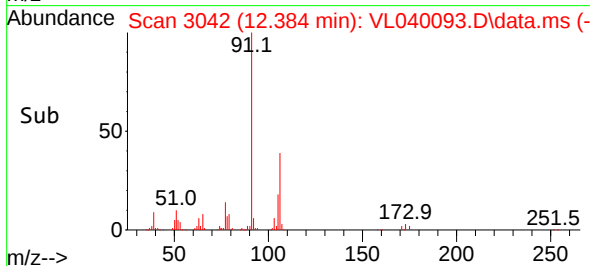
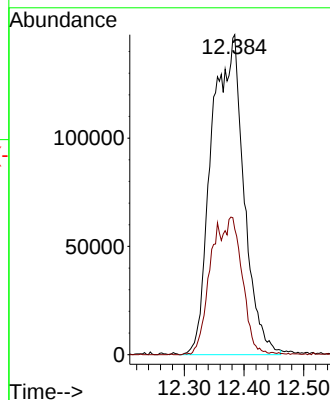
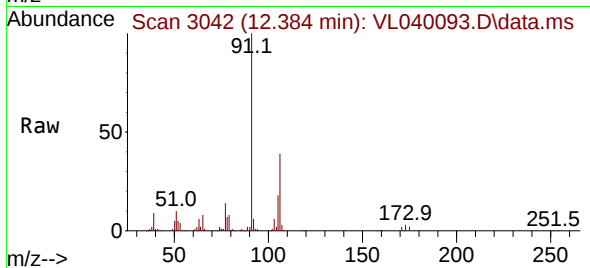
106 41.9 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#60

o-Xylene

Concen: 0.792 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.000 min

Lab File: VL040093.D

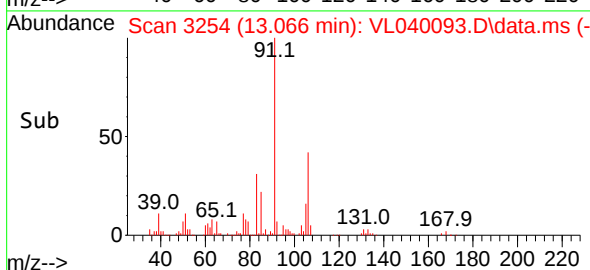
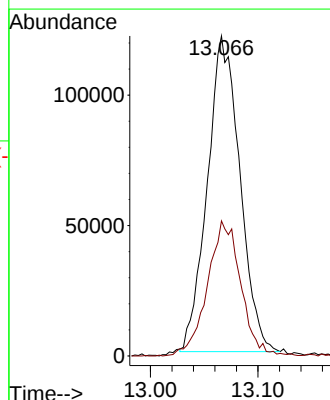
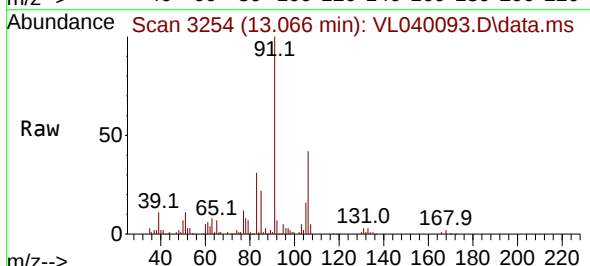
Acq: 16 Jan 2023 11:35

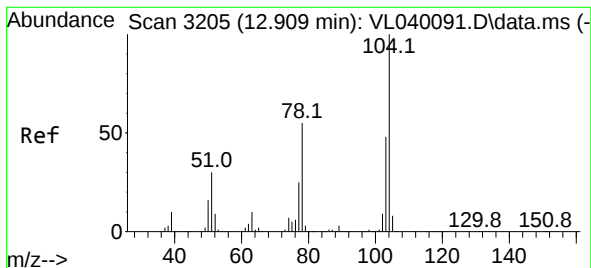
Tgt Ion: 91 Resp: 254350

Ion Ratio Lower Upper

91 100

106 43.9 21.6 64.8





#61

Styrene

Concen: 0.687 ppbv

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

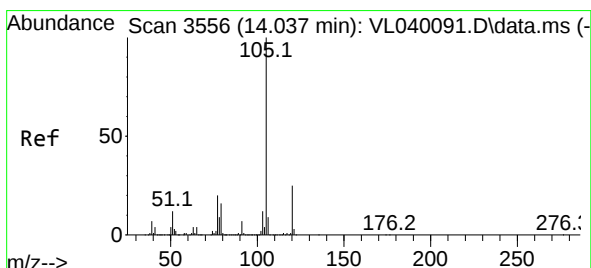
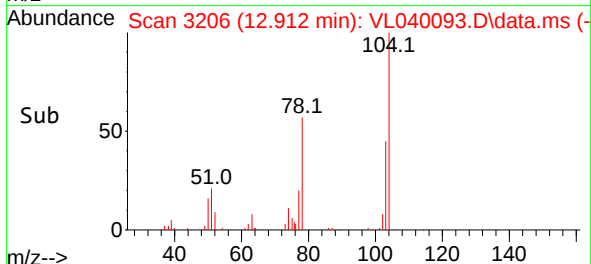
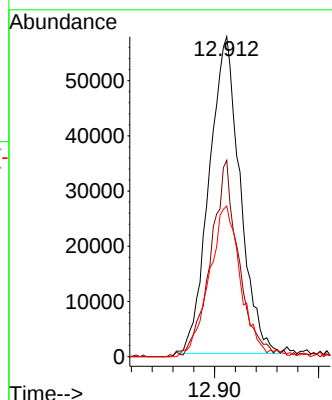
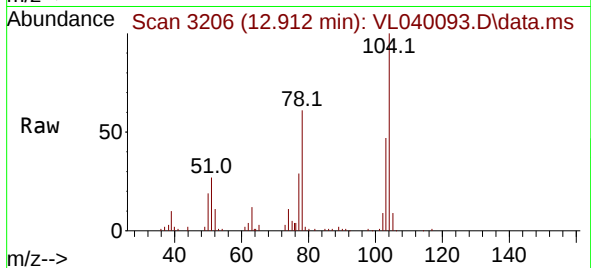
VSTDICC001

Tgt Ion:104	Resp:	11842
Ion Ratio	Lower	Upper
104	100	
78	57.4	44.0 66.0
103	49.5	37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#62

Isopropylbenzene

Concen: 0.819 ppbv

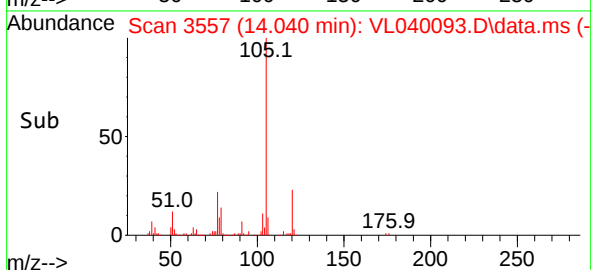
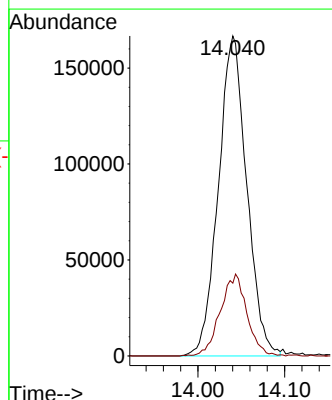
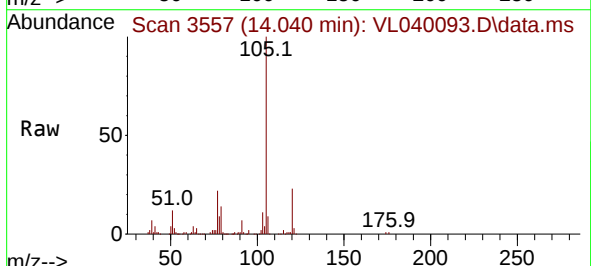
RT: 14.040 min Scan# 3557

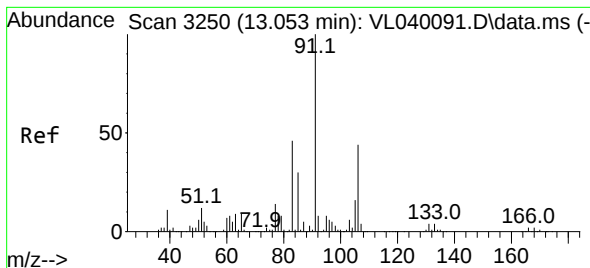
Delta R.T. 0.003 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

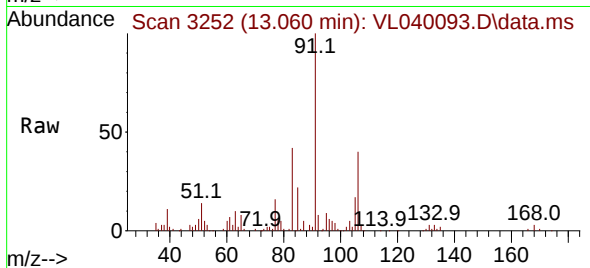
Tgt Ion:105	Resp:	379108
Ion Ratio	Lower	Upper
105	100	
120	24.1	20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.821 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

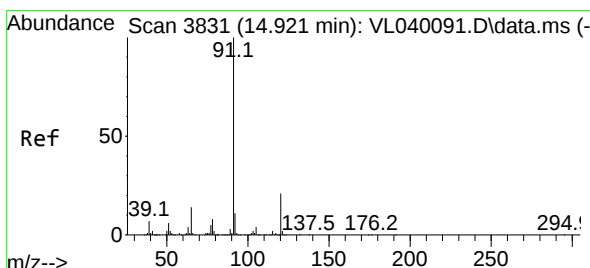
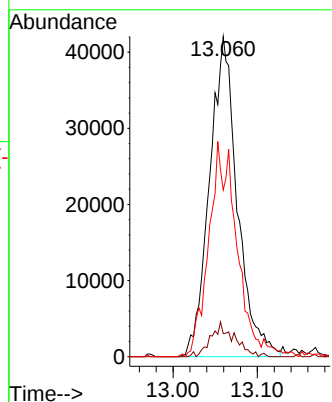
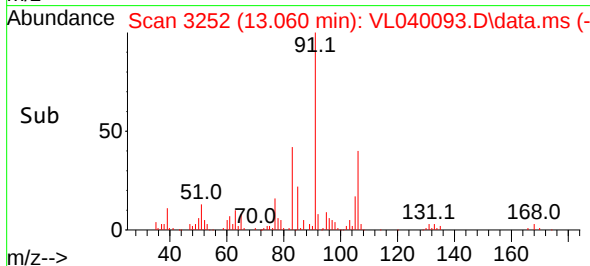
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



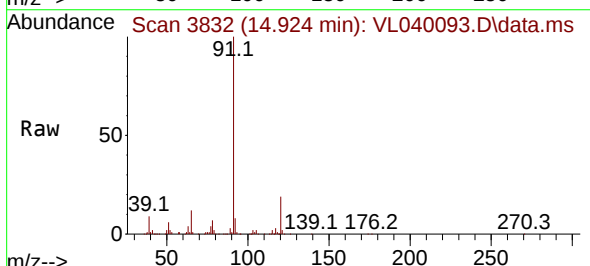
Tgt Ion: 83 Resp: 9667
Ion Ratio Lower Upper
83 100
131 9.1 4.3 13.1
85 67.9 32.5 97.5

Manual Integrations
APPROVED

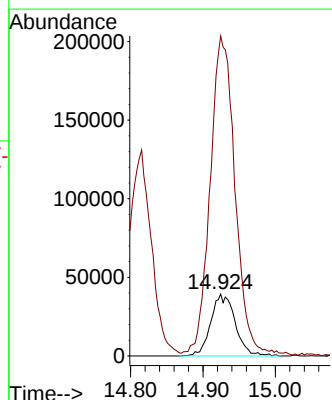
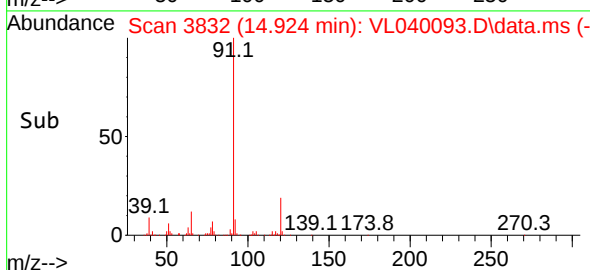
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

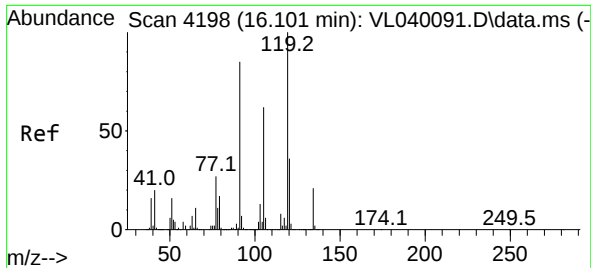


#64
n-propylbenzene
Concen: 0.786 ppbv m
RT: 14.924 min Scan# 3832
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



Tgt Ion:120 Resp: 91917
Ion Ratio Lower Upper
120 100
91 531.5 397.0 595.4





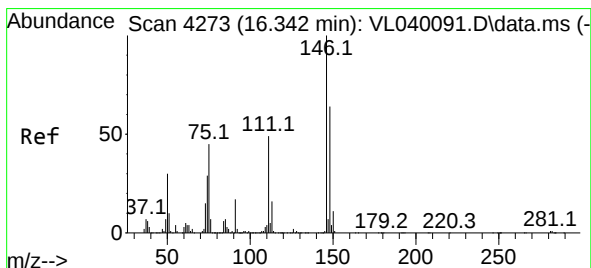
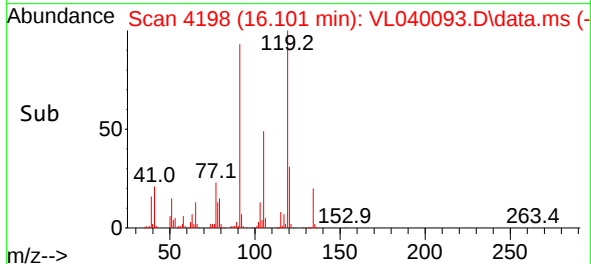
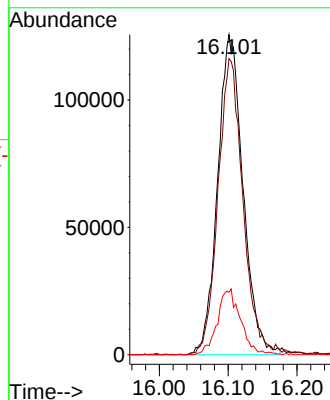
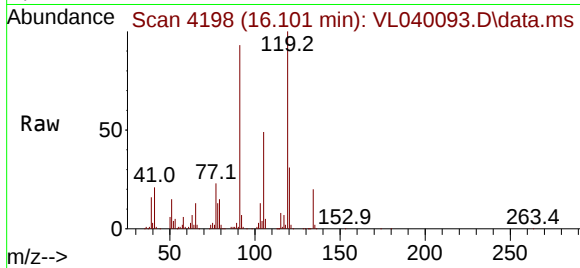
#65
tert-Butylbenzene
Concen: 0.798 ppbv m
RT: 16.101 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 119 Resp: 321124
Ion Ratio Lower Upper
119 100
91 91.9 69.5 104.3
134 18.9 15.8 23.8

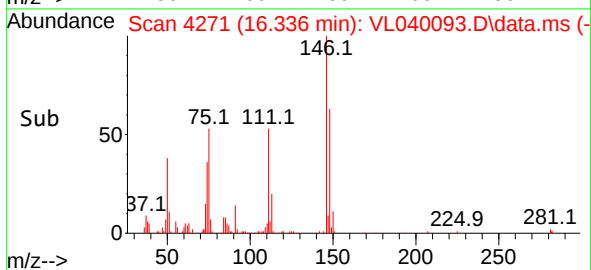
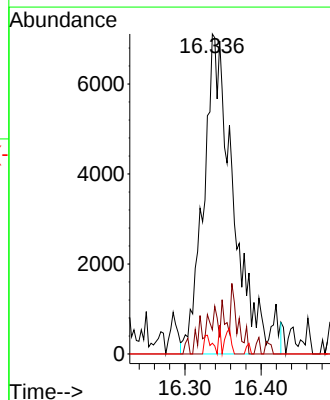
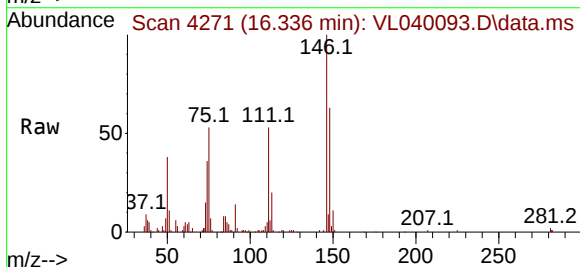
Manual Integrations
APPROVED

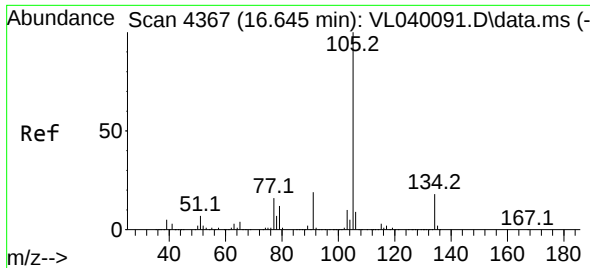
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#66
Benzyl Chloride
Concen: 0.836 ppbv m
RT: 16.336 min Scan# 4271
Delta R.T. -0.007 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

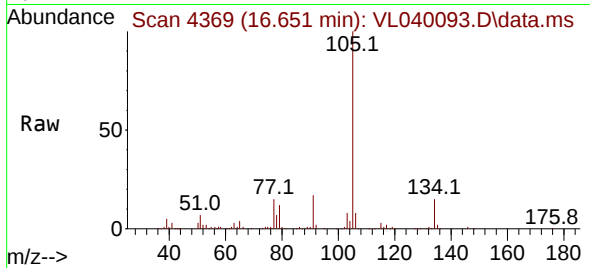
Tgt Ion: 91 Resp: 19609
Ion Ratio Lower Upper
91 100
126 0.0 11.5 17.3#
128 4.0 0.0 0.0#





#67
 sec-Butylbenzene
 Concen: 0.811 ppbv
 RT: 16.651 min Scan# 4369
 Delta R.T. 0.006 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35

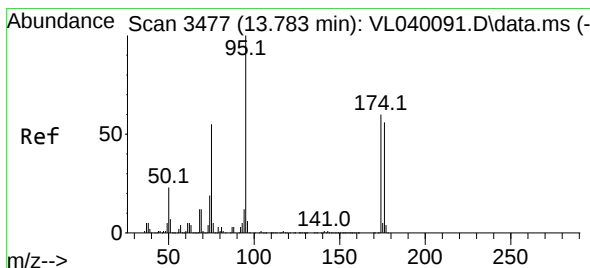
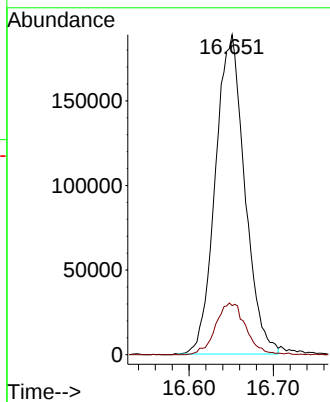
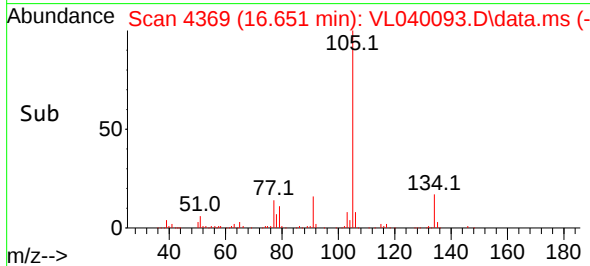
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



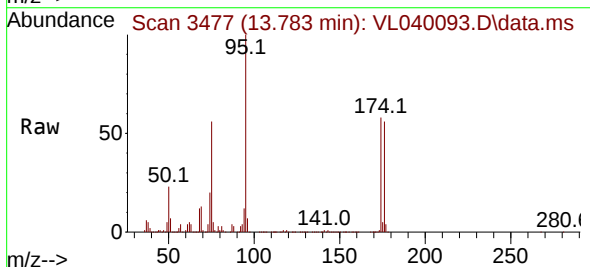
Tgt Ion:105 Resp: 45719
 Ion Ratio Lower Upper
 105 100
 134 16.8 14.1 21.1

Manual Integrations
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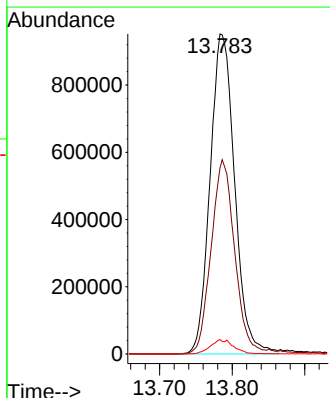
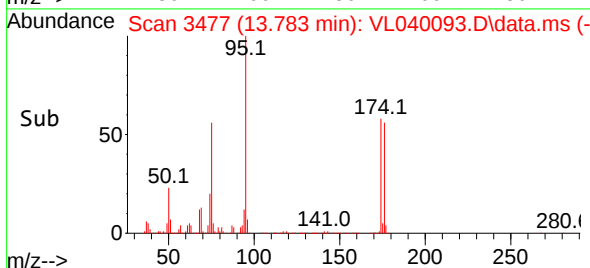
Reviewed By :Semsettin Yesilyurt 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

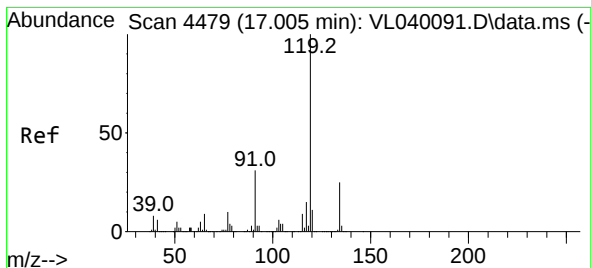


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.829 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.000 min
 Lab File: VL040093.D
 Acq: 16 Jan 2023 11:35



Tgt Ion: 95 Resp: 2240685
 Ion Ratio Lower Upper
 95 100
 174 59.2 47.7 71.5
 175 4.3 3.4 5.2





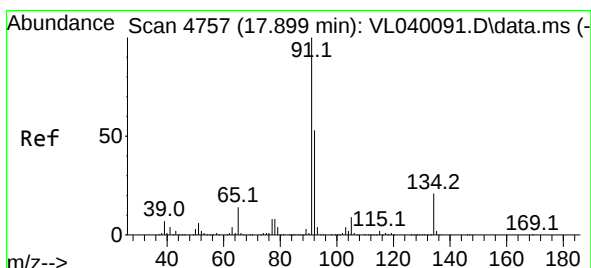
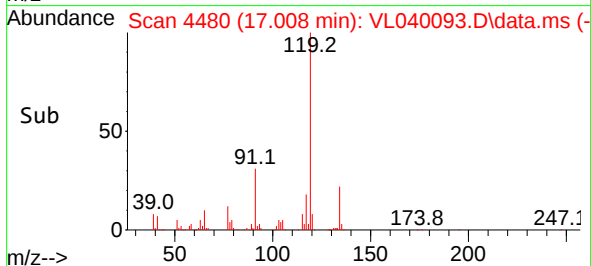
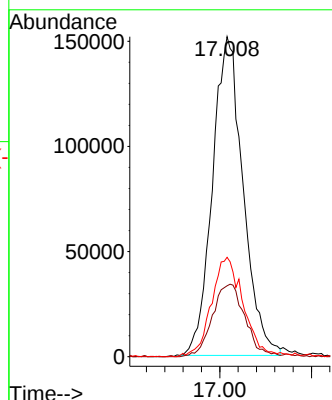
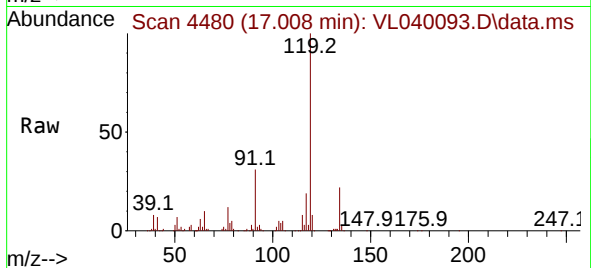
#69
p-Isopropyltoluene
Concen: 0.780 ppbv
RT: 17.008 min Scan# 4479
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:119 Resp: 351590
Ion Ratio Lower Upper
119 100
134 24.5 20.1 30.1
91 33.1 25.0 37.4

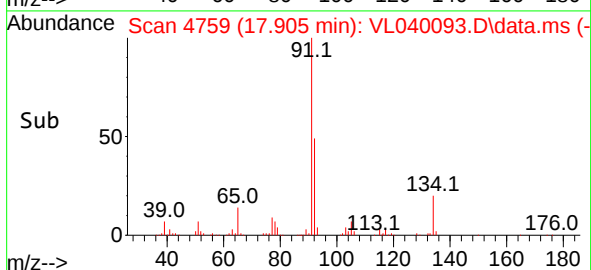
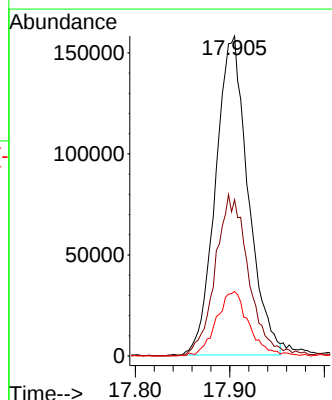
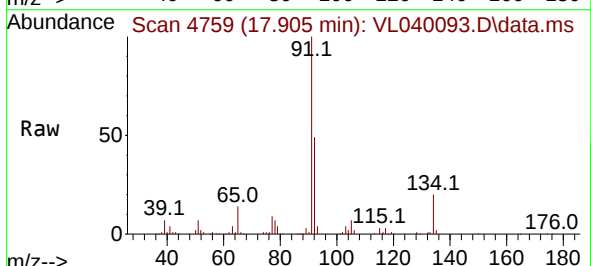
Manual Integrations
APPROVED

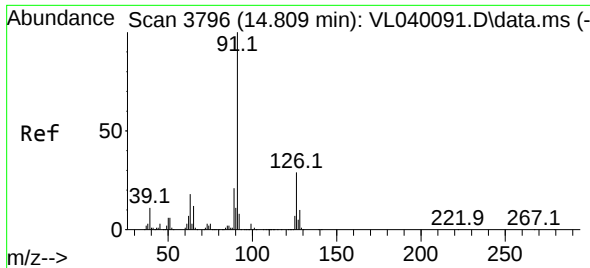
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#70
n-Butylbenzene
Concen: 0.798 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion: 91 Resp: 376823
Ion Ratio Lower Upper
91 100
92 52.7 42.8 64.2
134 20.4 16.9 25.3





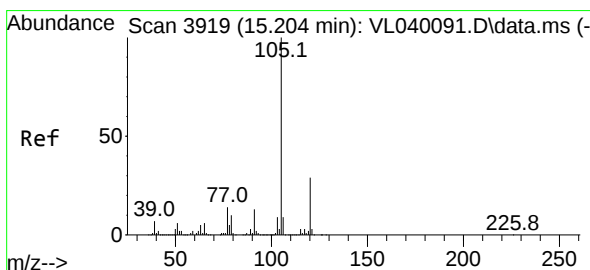
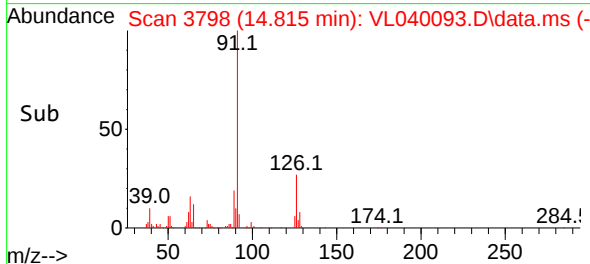
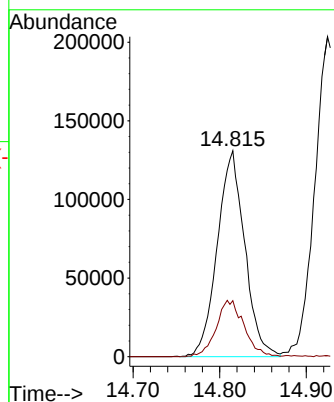
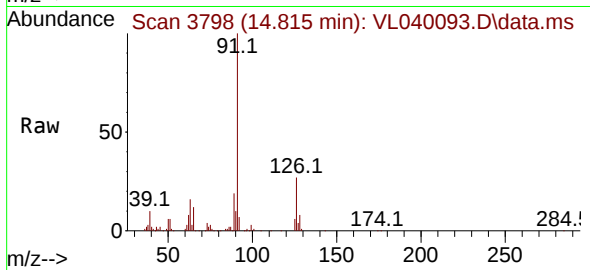
#71
2-Chlorotoluene
Concen: 0.816 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 28830
Ion Ratio Lower Upper
91 100
126 28.1 11.9 47.5

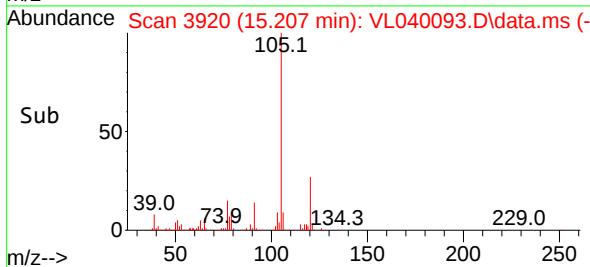
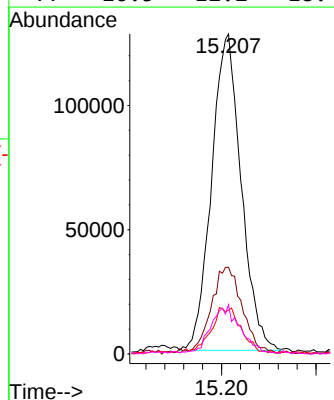
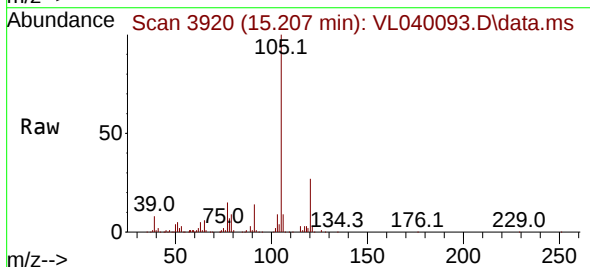
Manual Integrations
APPROVED

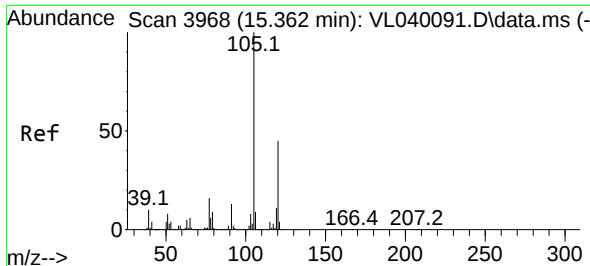
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#72
4-Ethyltoluene
Concen: 0.775 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

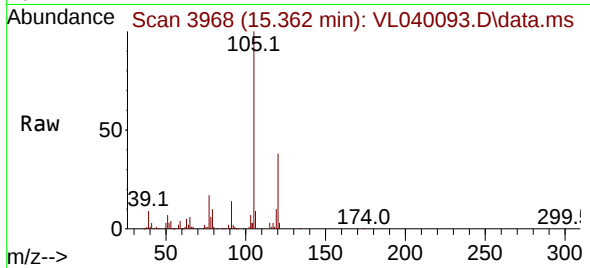
Tgt Ion:105 Resp: 276406
Ion Ratio Lower Upper
105 100
120 30.5 23.1 34.7
91 14.8 11.2 16.8
77 16.5 12.2 18.4





#73
1,3,5-Trimethylbenzene
Concen: 0.791 ppbv
RT: 15.362 min Scan# 3968
Delta R.T. -0.000 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

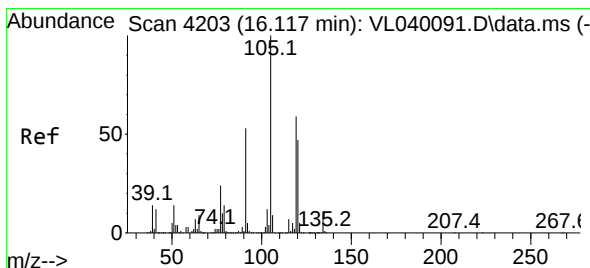
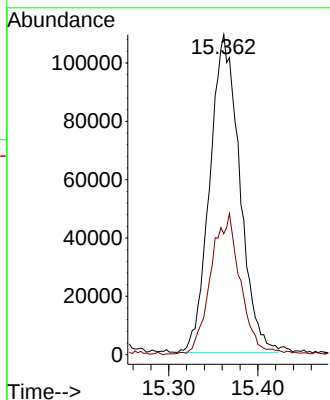
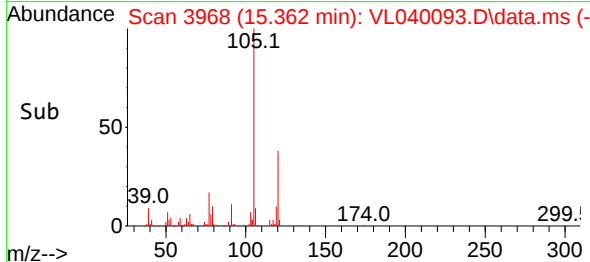
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



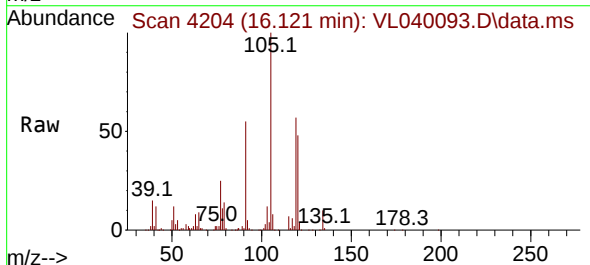
Tgt Ion:105 Resp: 25437
Ion Ratio Lower Upper
105 100
120 37.6 36.2 54.4

Manual Integrations
APPROVED

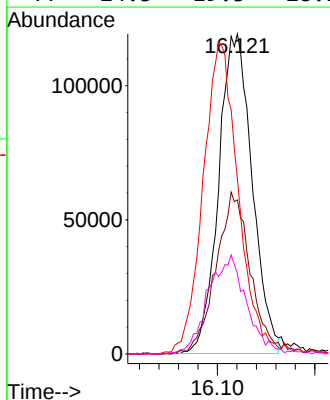
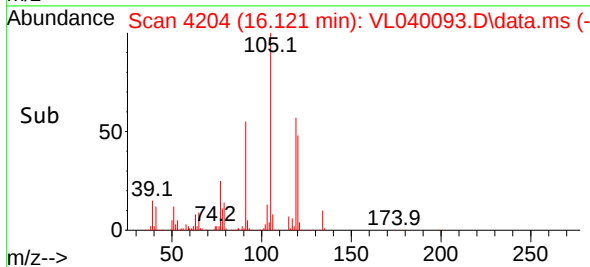
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

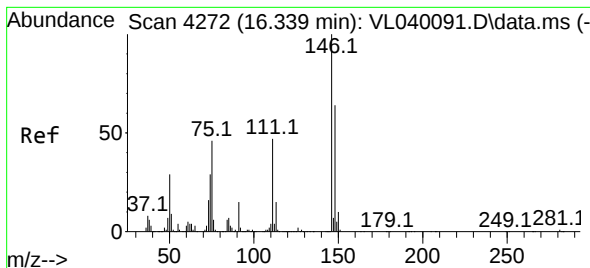


#74
1,2,4-Trimethylbenzene
Concen: 0.801 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



Tgt Ion:105 Resp: 284092
Ion Ratio Lower Upper
105 100
120 47.6 38.0 57.0
91 52.7 42.1 63.1
77 24.3 19.3 28.9





#75

1,3-Dichlorobenzene

Concen: 0.788 ppbv m

RT: 16.346 min Scan# 4319

Delta R.T. 0.006 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:146 Resp: 15283

Ion Ratio Lower Upper

146 100

111 50.6 24.3 73.0

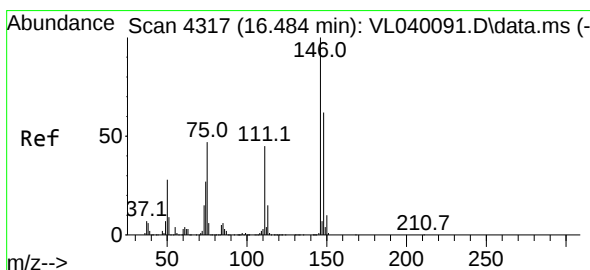
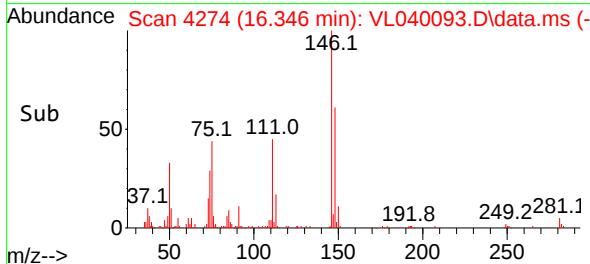
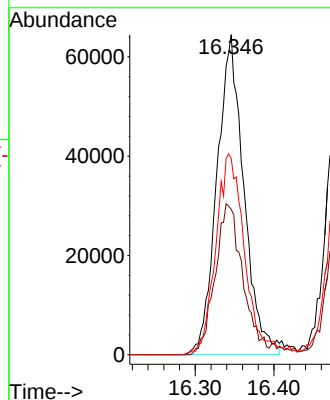
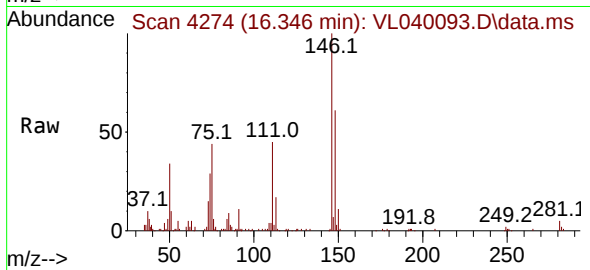
148 67.9 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023



#76

1,4-Dichlorobenzene

Concen: 0.847 ppbv m

RT: 16.490 min Scan# 4319

Delta R.T. 0.006 min

Lab File: VL040093.D

Acq: 16 Jan 2023 11:35

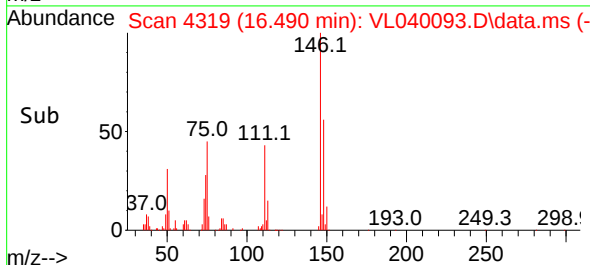
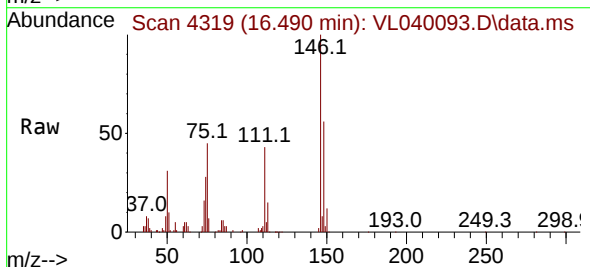
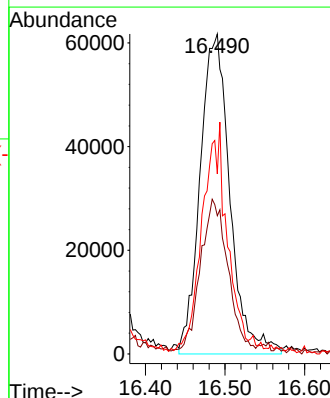
Tgt Ion:146 Resp: 160394

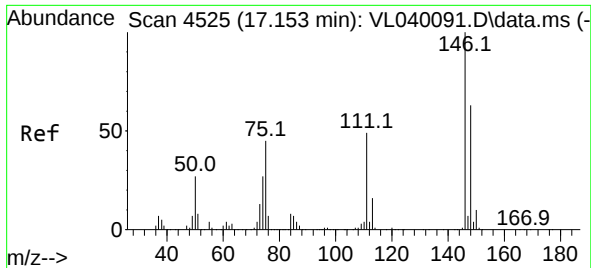
Ion Ratio Lower Upper

146 100

111 47.1 23.8 71.2

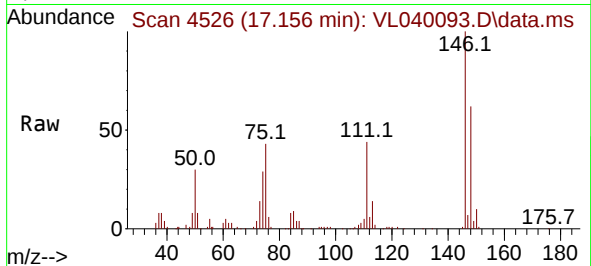
148 62.7 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 0.820 ppbv m
RT: 17.156 min Scan# 4526
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

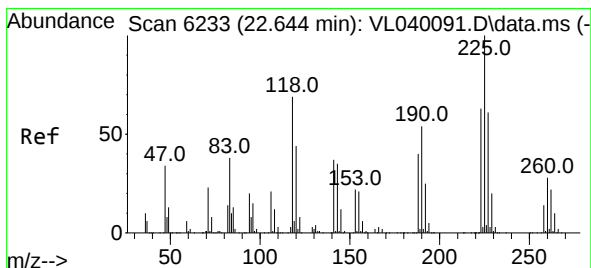
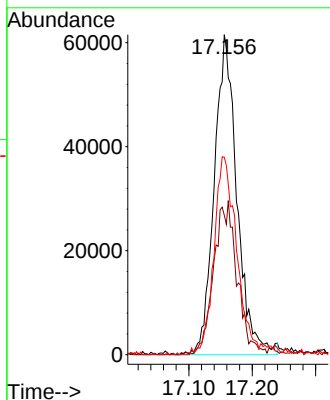
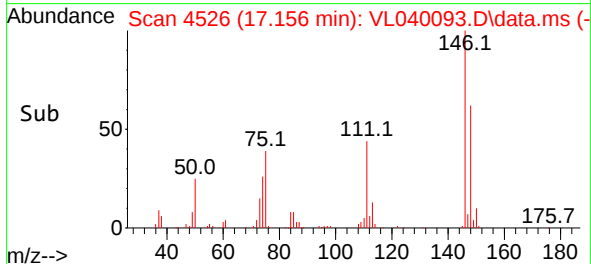
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



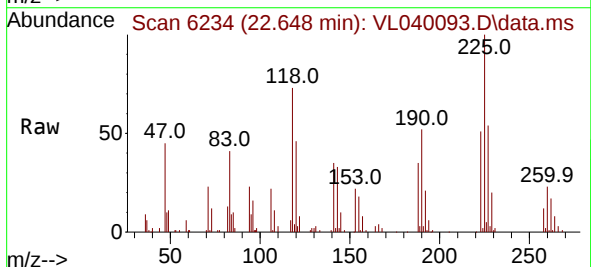
Tgt Ion:146 Resp: 152658
Ion Ratio Lower Upper
146 100
111 50.6 25.1 75.2
148 63.9 32.4 97.0

Manual Integrations
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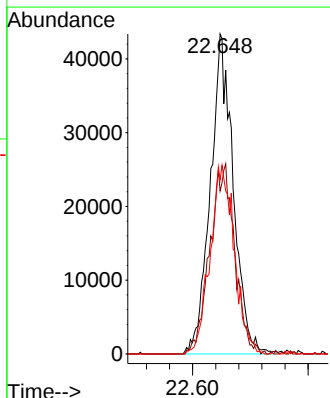
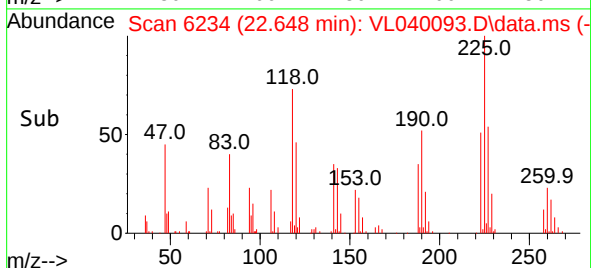
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

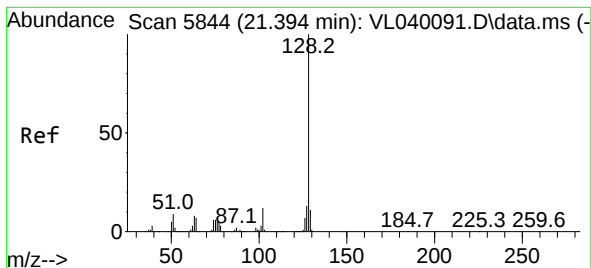


#78
Hexachloro-1,3-Butadiene
Concen: 0.926 ppbv m
RT: 22.648 min Scan# 6234
Delta R.T. 0.003 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35



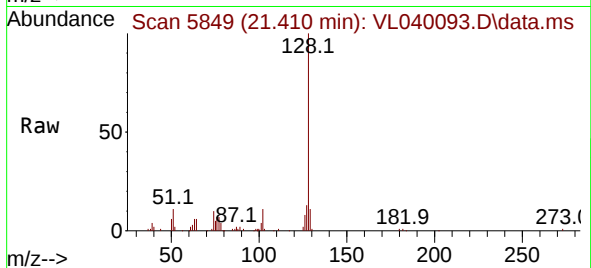
Tgt Ion:225 Resp: 119559
Ion Ratio Lower Upper
225 100
223 0.0 51.5 77.3#
227 62.4 50.6 76.0





#79
Naphthalene
Concen: 0.758 ppbv m
RT: 21.410 min Scan# 5849
Delta R.T. 0.016 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

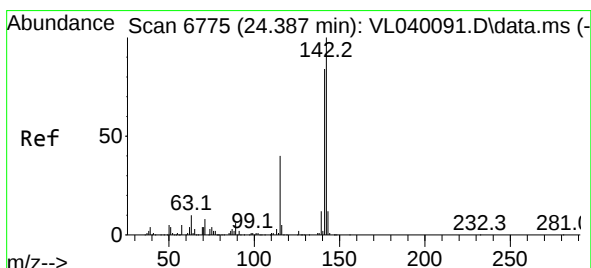
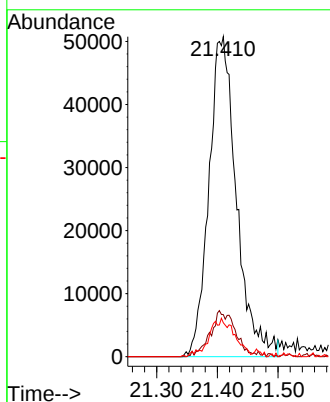
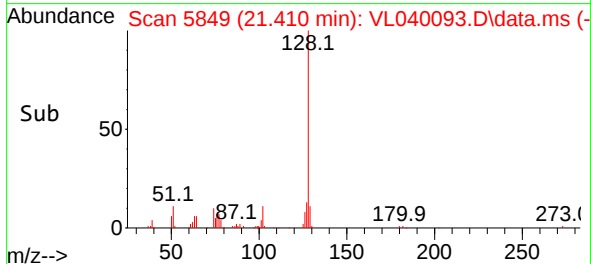
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:128 Resp: 160200
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.6 8.8 13.2

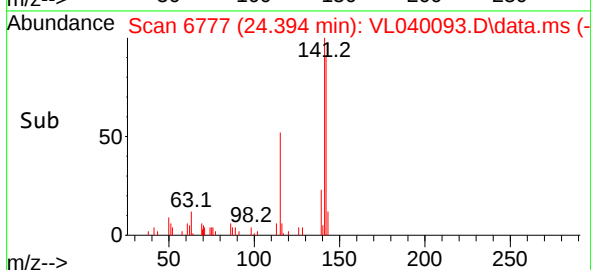
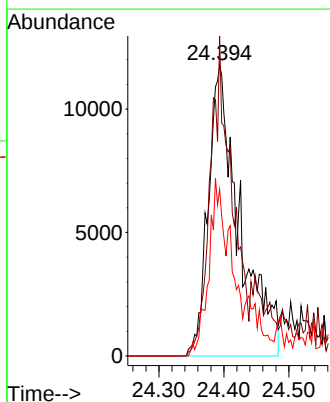
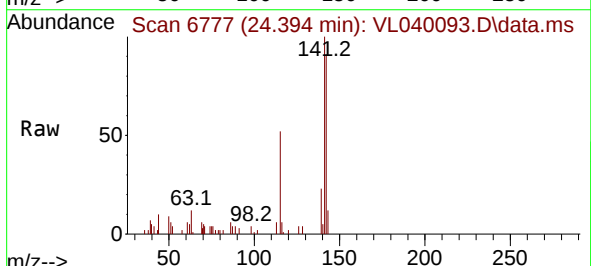
Manual Integrations
APPROVED

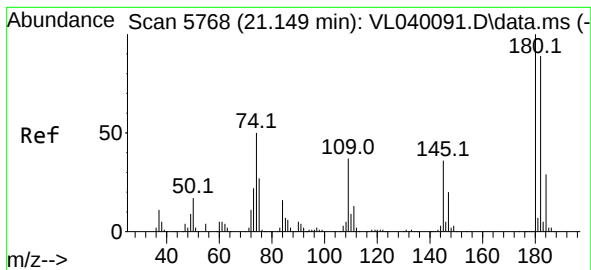
Reviewed By :Semsettin Yesilyurt 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023



#80
Naphthalene,2-methyl-
Concen: 0.605 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.006 min
Lab File: VL040093.D
Acq: 16 Jan 2023 11:35

Tgt Ion:142 Resp: 39137
Ion Ratio Lower Upper
142 100
141 90.3 65.0 97.6
115 52.3 31.8 47.8#





#81

1,2,4-Trichlorobenzene

Concen: 0.765 ppbv m

RT: 21.159 min Scan# 5

Delta R.T. 0.010 min

Lab File: VL040093.D

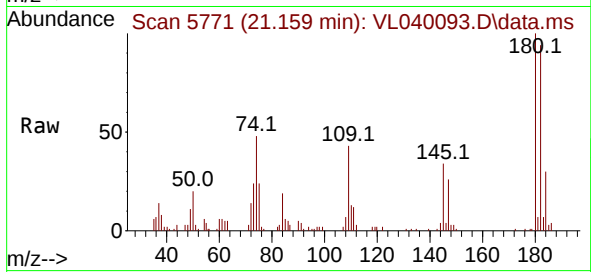
Acq: 16 Jan 2023 11:35

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:180 Resp: 96039

Ion Ratio Lower Upper

180 100

182 95.4 78.6 117.8

184 30.2 25.1 37.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/17/2023

Supervised By :Mahesh Dadoda 01/17/2023

