

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060523\
 Data File : VL040456.D
 Acq On : 5 Jun 2023 14:48
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Jun 06 05:57:15 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 05:55:55 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	1079835	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2765098	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	2588962	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2069762	9.686	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.716	85	490529	2.087	ppbv	99
3) Chlorodifluoromethane	2.661	51	378521	2.140	ppbv	98
4) Chloromethane	2.800	50	146396	2.138	ppbv	97
5) Vinyl Chloride	2.909	62	153217	2.186	ppbv	92
6) Bromomethane	3.108	94	71925	2.012	ppbv	92
7) Chloroethane	3.185	64	50458	1.967	ppbv	92
8) Dichlorotetrafluoroethane	2.845	85	407175	2.194	ppbv	99
9) Propene	2.681	41	118876	2.180	ppbv	97
10) Heptane	7.581	43	266372	2.158	ppbv	99
11) Trichlorofluoromethane	3.552	101	404505	2.114	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.060	101	280877	2.101	ppbv	99
13) Ethanol	3.240	45	23935	2.256	ppbv	89
14) Bromoethene	3.356	108	116079	2.076	ppbv	97
15) Acetone	3.462	43	280506	2.154	ppbv	97
16) 1,3-Butadiene	2.973	39	135937	2.128	ppbv	98
17) tert-Butyl alcohol	3.873	59	213662	1.963	ppbv	99
18) 1,1-Dichloroethene	3.873	96	130032	2.183	ppbv	96
19) Isopropyl Alcohol	3.571	45	128141	2.041	ppbv	# 96
20) Methylene Chloride	3.925	84	113615	2.014	ppbv	93
21) Allyl Chloride	3.989	41	153981	2.093	ppbv	96
22) trans-1,2-Dichloroethene	4.443	96	128299	2.099	ppbv	95
23) Vinyl Acetate	4.623	43	278016m	2.195	ppbv	
24) 1,1-Dichloroethane	4.558	63	260042	2.038	ppbv	99
25) Ethyl Acetate	5.205	43	517007	2.191	ppbv	99
26) Hexane	5.208	57	243483	2.179	ppbv	98
27) Carbon Disulfide	4.118	76	290735	2.080	ppbv	97
28) Methyl tert-Butyl Ether	4.584	73	188189	2.147	ppbv	97
29) Chloroform	5.272	83	399518	2.099	ppbv	99
30) Cyclohexane	6.600	84	175322	2.108	ppbv	96
31) cis-1,2-Dichloroethene	5.076	61	224986	2.104	ppbv	98
32) 1,1,1-Trichloroethane	6.002	97	404392	2.134	ppbv	100
34) 2-Butanone	4.783	43	282832	2.121	ppbv	99
35) Carbon Tetrachloride	6.491	117	409973	2.156	ppbv	96
36) Benzene	6.369	78	473346	2.152	ppbv	98
37) 1,2-Dichloroethane	5.803	62	306709	2.140	ppbv	99
38) Trichloroethene	7.295	130	183678	2.173	ppbv	96
39) 1,2-Dichloropropane	7.076	63	174089	2.028	ppbv	95
40) 1,4-Dioxane	7.304	88	50993m	2.171	ppbv	
41) Tetrahydrofuran	5.565	42	161036	2.224	ppbv	95
42) Bromodichloromethane	7.250	83	405799	2.057	ppbv	99
43) Methyl Methacrylate	7.481	69	166606	2.109	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	776446	2.162	ppbv	99
45) t-1,3-Dichloropropene	8.716	75	118133m	2.020	ppbv	

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 05:57:15 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

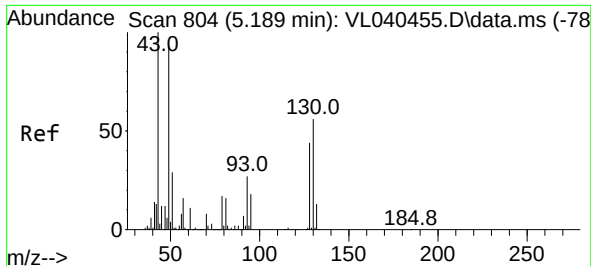
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jun 06 05:55:55 2023

Response via : Initial Calibration

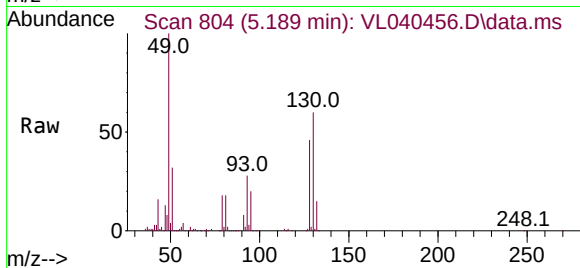
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	142509	2.018	ppbv	95
47) 1,1,2-Trichloroethane	8.905	97	192595	2.069	ppbv	94
48) Dibromochloromethane	9.712	129	311497	2.091	ppbv	99
49) Bromoform	12.417	173	232153	2.066	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	379567	2.137	ppbv	99
51) 2-Hexanone	9.568	43	260710	2.118	ppbv #	98
52) Tetrachloroethene	10.622	164	154441	2.236	ppbv	96
53) Toluene	9.227	91	491519	2.122	ppbv	99
54) 1,2-Dibromoethane	10.012	107	265613m	2.169	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.516	131	248759	2.044	ppbv #	1
57) Chlorobenzene	11.536	112	399802	2.043	ppbv	99
58) Ethyl Benzene	12.095	91	668378	2.133	ppbv	96
59) m/p-Xylene	12.378	91	1245502m	4.333	ppbv	
60) o-Xylene	13.066	91	599694	2.193	ppbv	98
61) Styrene	12.905	104	250319	2.127	ppbv	99
62) Isopropylbenzene	14.040	105	871491	2.144	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.060	83	381468	2.126	ppbv	99
64) n-propylbenzene	14.928	120	210693	2.213	ppbv	83
65) tert-Butylbenzene	16.101	119	770954	2.193	ppbv	98
66) Benzyl Chloride	16.342	91	53649m	2.057	ppbv	
67) sec-Butylbenzene	16.651	105	1124504	2.211	ppbv	98
69) p-Isopropyltoluene	17.008	119	896461	2.219	ppbv	99
70) n-Butylbenzene	17.895	91	1004493	2.226	ppbv	98
71) 2-Chlorotoluene	14.812	91	657792	2.179	ppbv	98
72) 4-Ethyltoluene	15.204	105	651524	2.116	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	591847	2.174	ppbv	90
74) 1,2,4-Trimethylbenzene	16.114	105	692350	2.162	ppbv #	87
75) 1,3-Dichlorobenzene	16.342	146	380496	2.123	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	370111	2.085	ppbv	100
77) 1,2-Dichlorobenzene	17.156	146	344993	2.008	ppbv	94
78) Hexachloro-1,3-Butadiene	22.644	225	269510	2.052	ppbv	97
79) Naphthalene	21.400	128	454410m	2.474	ppbv	
80) Naphthalene,2-methyl-	24.390	142	111068m	2.150	ppbv	
81) 1,2,4-Trichlorobenzene	21.153	180	146509	1.151	ppbv #	12

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

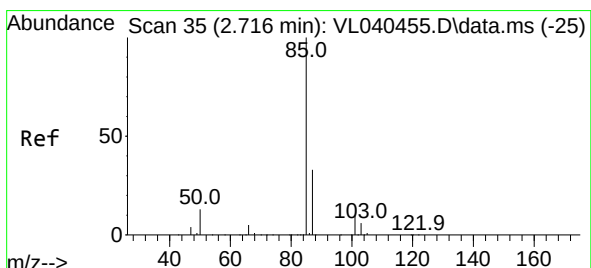
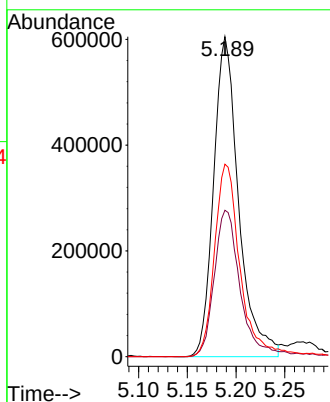
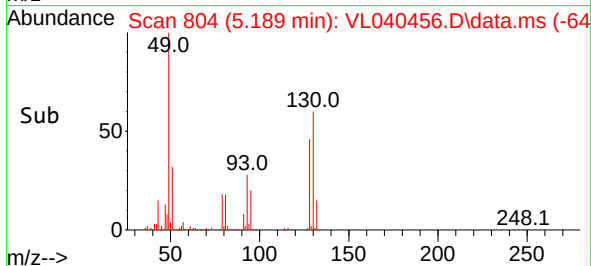
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



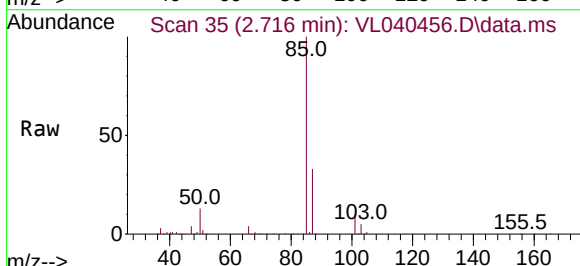
Tgt Ion: 49 Resp: 1079835
Ion Ratio Lower Upper
49 100
128 48.7 24.7 74.1
130 62.3 31.4 94.2

Manual Integrations
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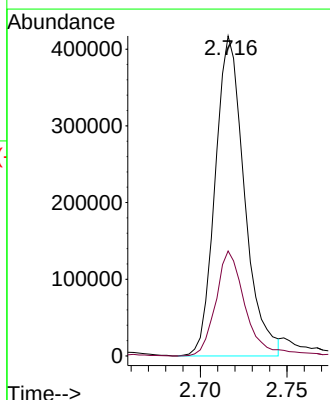
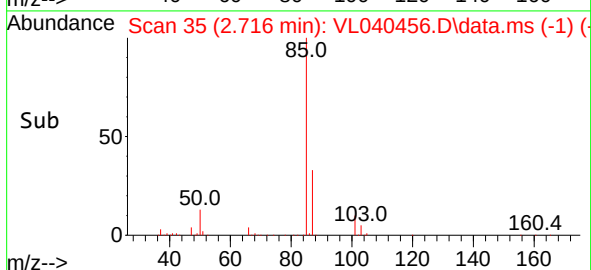
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

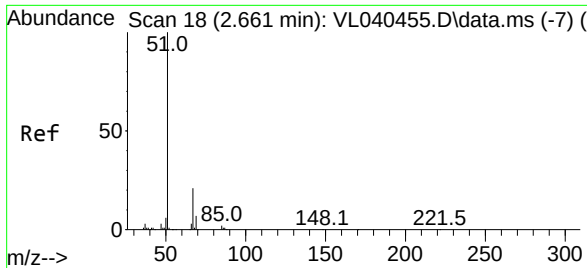


#2
Dichlorodifluoromethane
Concen: 2.087 ppbv
RT: 2.716 min Scan# 35
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



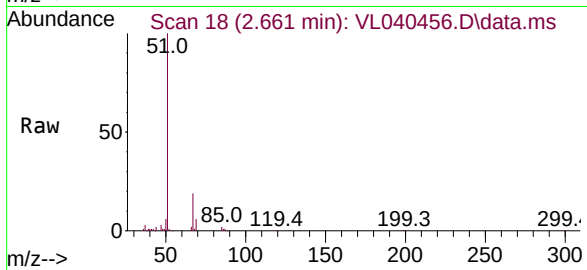
Tgt Ion: 85 Resp: 490529
Ion Ratio Lower Upper
85 100
87 32.8 26.6 39.8





#3
Chlorodifluoromethane
Concen: 2.140 ppbv
RT: 2.661 min Scan# 18
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

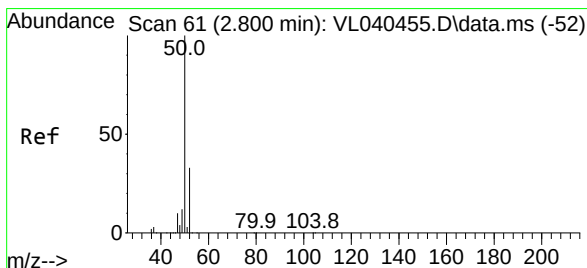
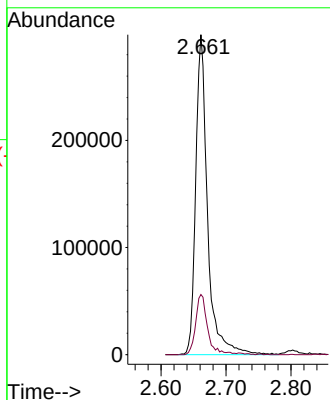
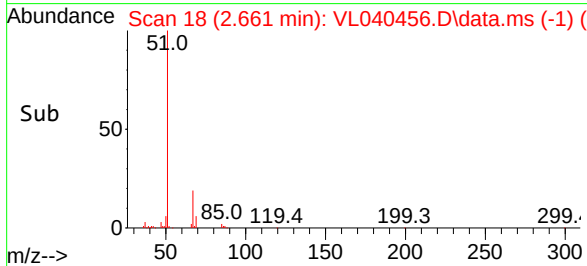
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 51 Resp: 37852
Ion Ratio Lower Upper
51 100
67 19.4 16.3 24.5

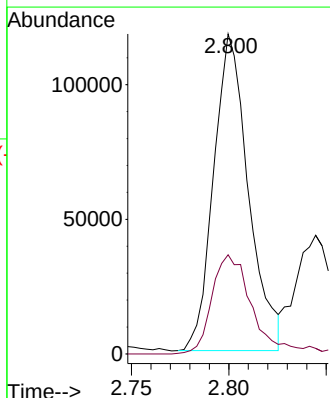
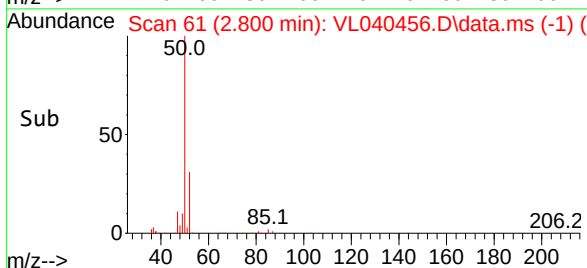
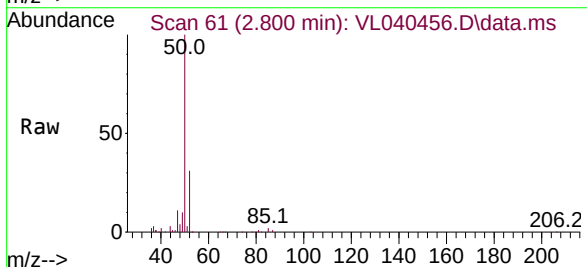
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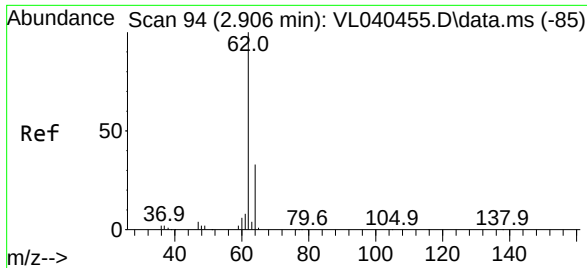
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#4
Chloromethane
Concen: 2.138 ppbv
RT: 2.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

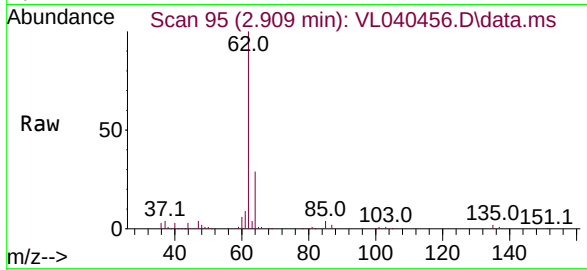
Tgt Ion: 50 Resp: 146396
Ion Ratio Lower Upper
50 100
52 31.1 26.3 39.5





#5
 Vinyl Chloride
 Concen: 2.186 ppbv
 RT: 2.909 min Scan# 94
 Delta R.T. 0.003 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

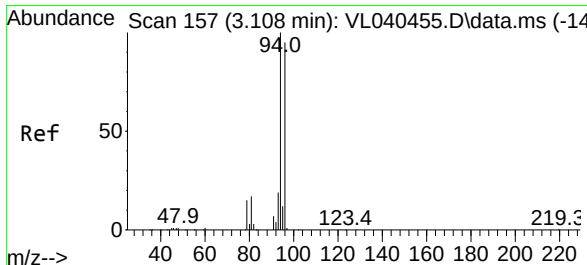
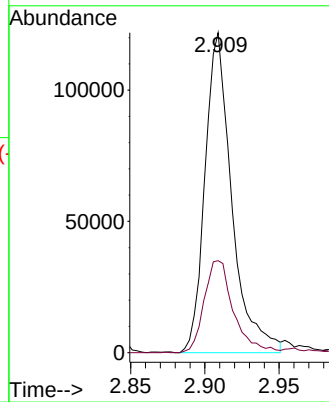
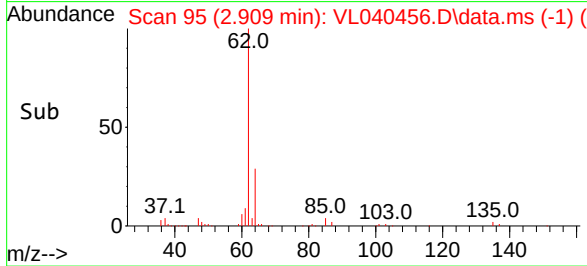
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 62 Resp: 15321
 Ion Ratio Lower Upper
 62 100
 64 28.7 26.8 40.2

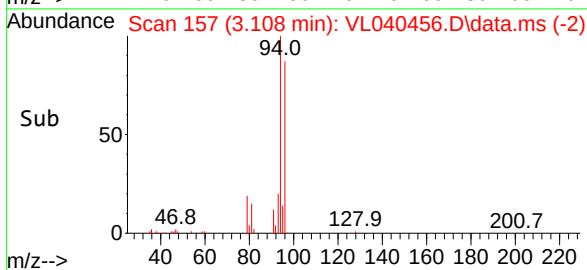
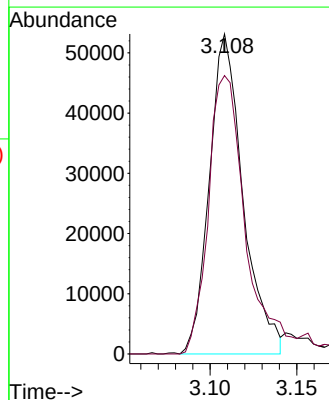
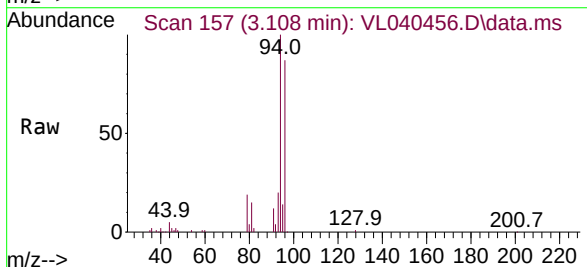
Manual Integrations
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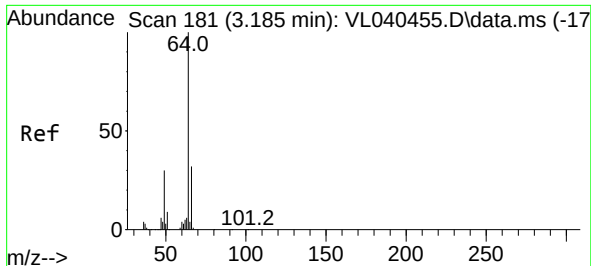
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#6
 Bromomethane
 Concen: 2.012 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.000 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

Tgt Ion: 94 Resp: 71925
 Ion Ratio Lower Upper
 94 100
 96 87.0 75.8 113.8





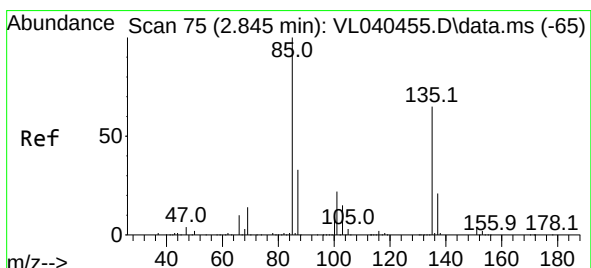
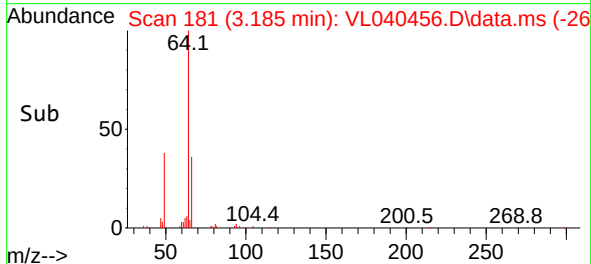
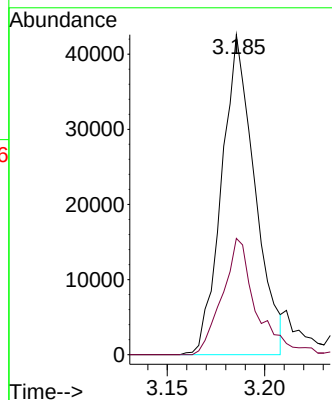
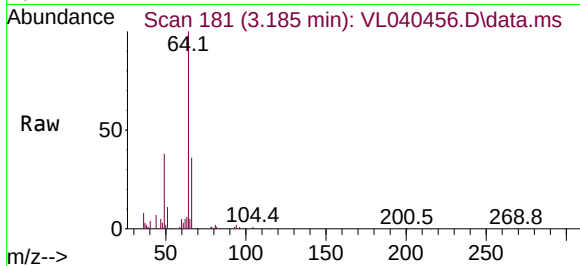
#7
Chloroethane
Concen: 1.967 ppbv
RT: 3.185 min Scan# 181
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 50458
Ion Ratio Lower Upper
64 100
66 36.4 25.6 38.4

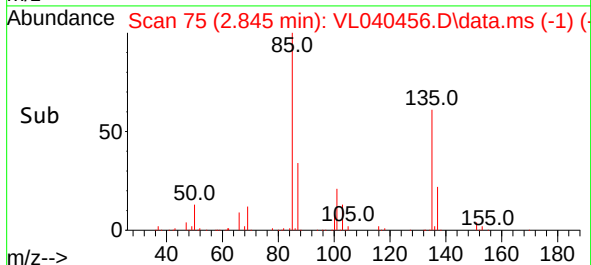
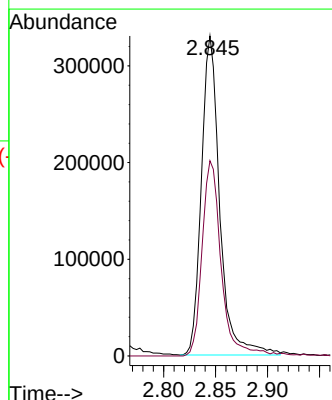
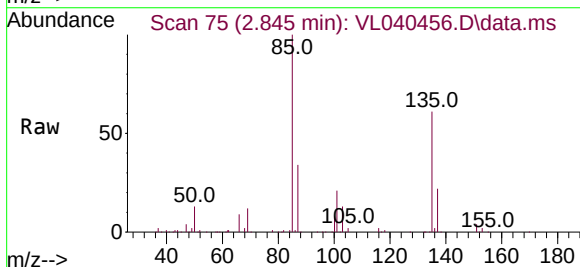
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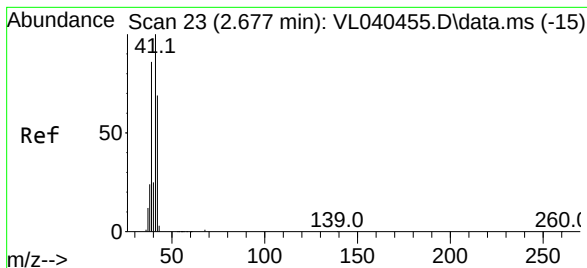
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#8
Dichlorotetrafluoroethane
Concen: 2.194 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Tgt Ion: 85 Resp: 407175
Ion Ratio Lower Upper
85 100
135 64.4 52.0 78.0





#9

Propene

Concen: 2.180 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.003 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion: 41 Resp: 118870

Ion Ratio Lower Upper

41 100

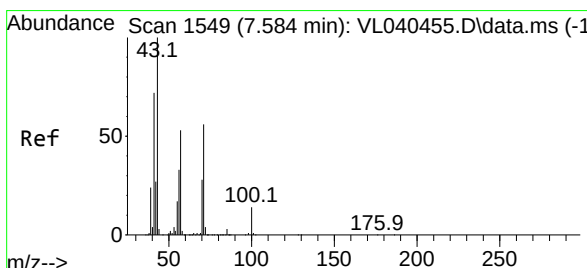
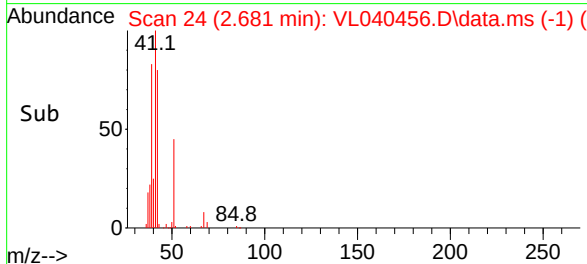
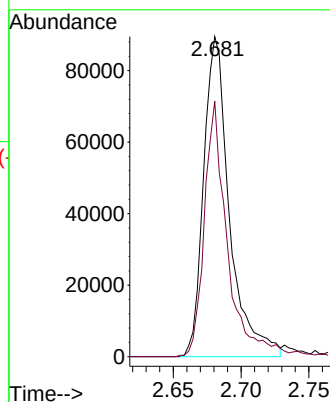
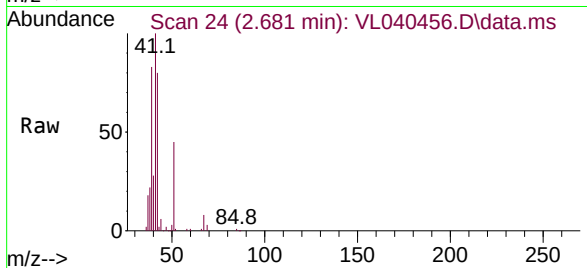
42 72.3 56.2 84.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#10

Heptane

Concen: 2.158 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.003 min

Lab File: VL040456.D

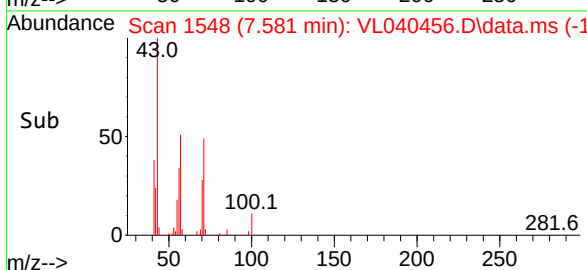
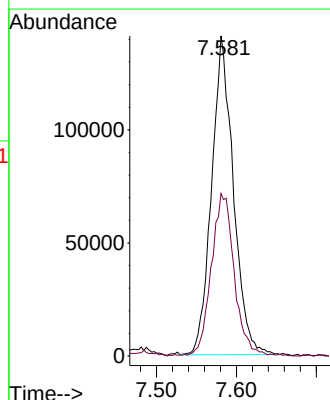
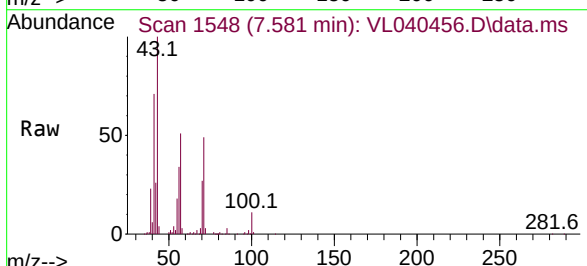
Acq: 5 Jun 2023 14:48

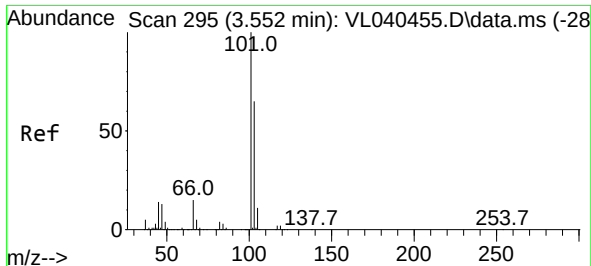
Tgt Ion: 43 Resp: 266372

Ion Ratio Lower Upper

43 100

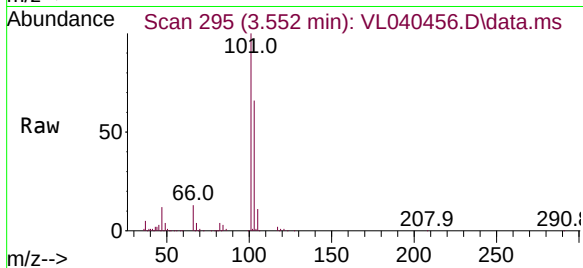
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#11
 Trichlorofluoromethane
 Concen: 2.114 ppbv
 RT: 3.552 min Scan# 295
 Delta R.T. -0.000 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

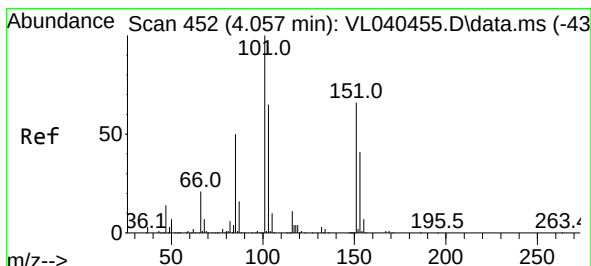
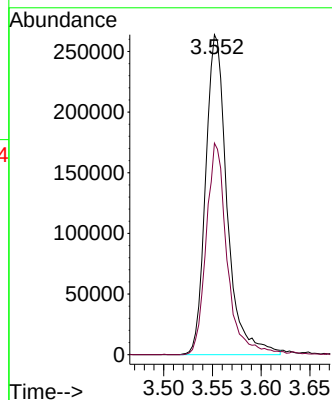
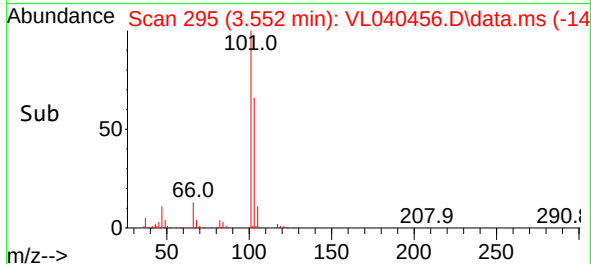
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



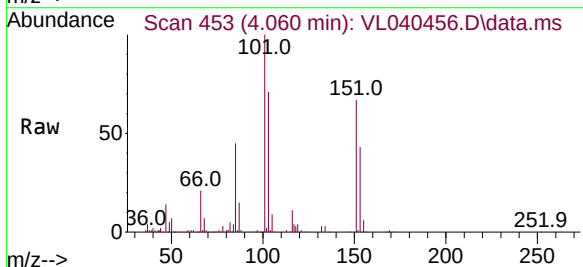
Tgt Ion:101 Resp: 40450
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.7 77.5

Manual Integrations
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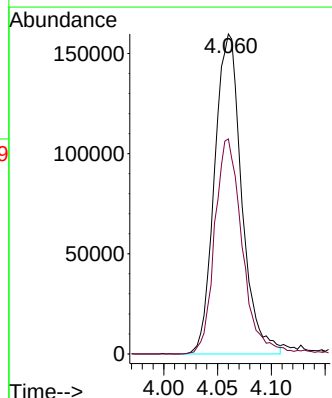
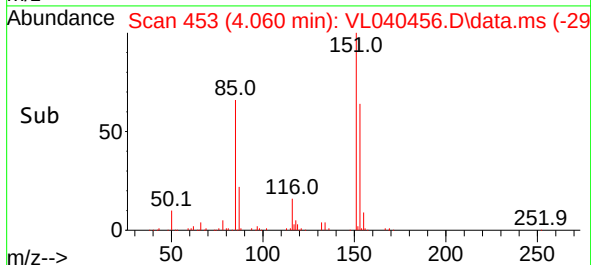
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

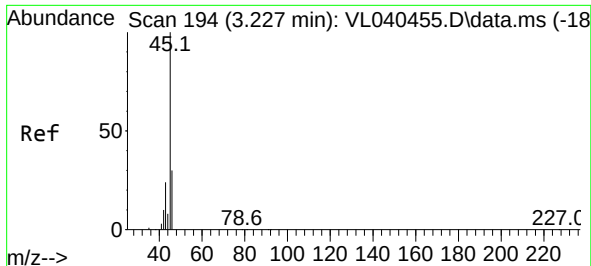


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.101 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. 0.003 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48



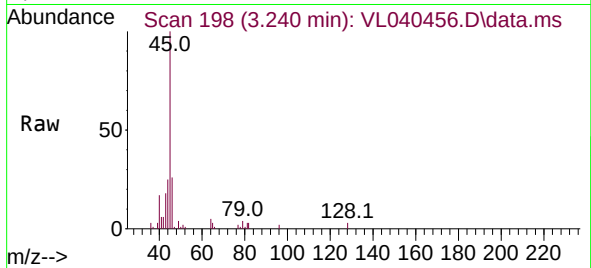
Tgt Ion:101 Resp: 280877
 Ion Ratio Lower Upper
 101 100
 151 69.0 54.3 81.5





#13
Ethanol
Concen: 2.256 ppbv
RT: 3.240 min Scan# 194
Delta R.T. 0.013 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

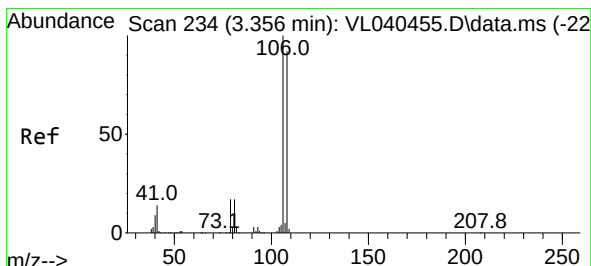
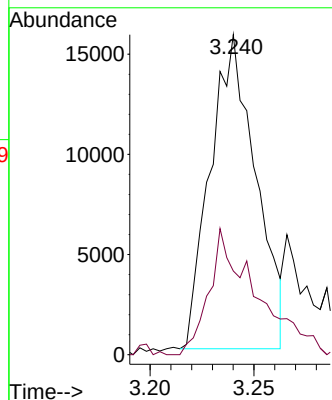
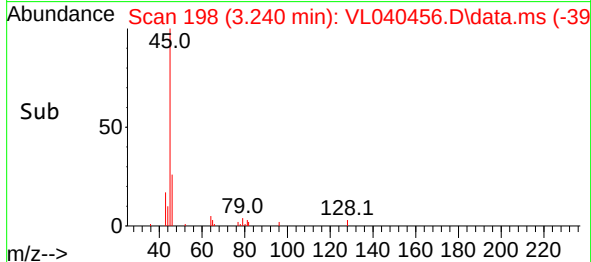
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



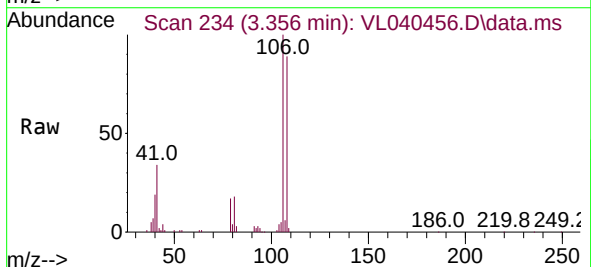
Tgt Ion: 45 Resp: 23935
Ion Ratio Lower Upper
45 100
46 42.7 14.5 58.1

Manual Integrations
APPROVED

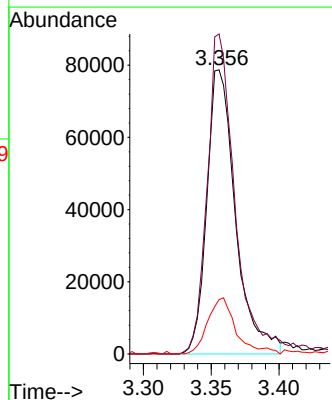
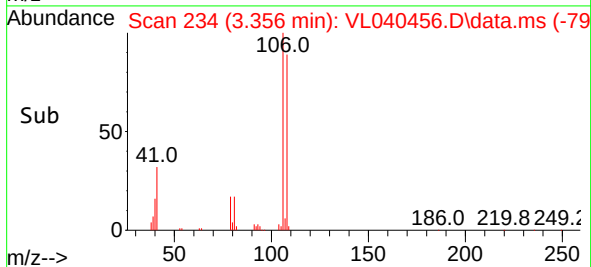
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

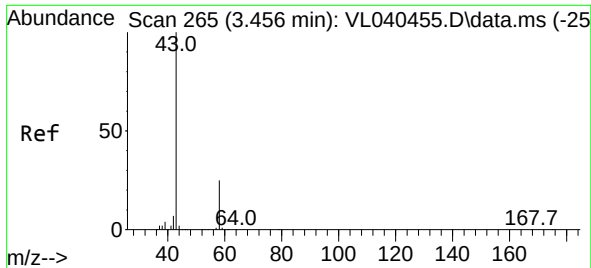


#14
Bromoethene
Concen: 2.076 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



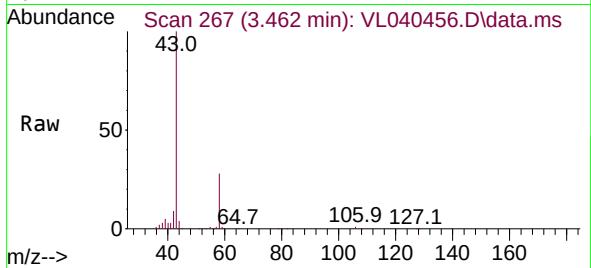
Tgt Ion:108 Resp: 116079
Ion Ratio Lower Upper
108 100
106 112.8 87.4 131.0
79 21.1 15.9 23.9





#15
Acetone
Concen: 2.154 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

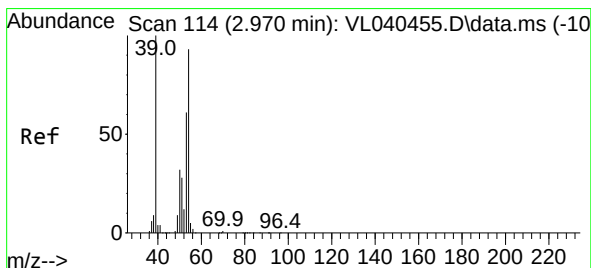
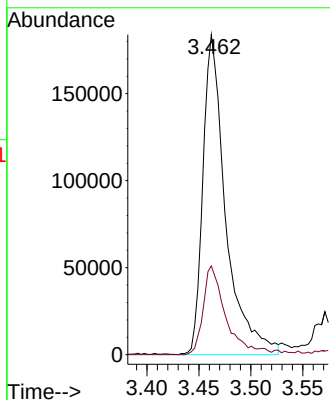
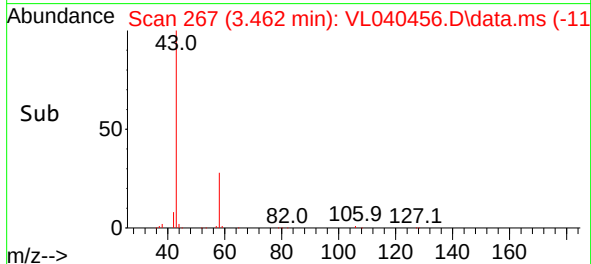
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 43 Resp: 280500
Ion Ratio Lower Upper
43 100
58 28.4 21.6 32.4

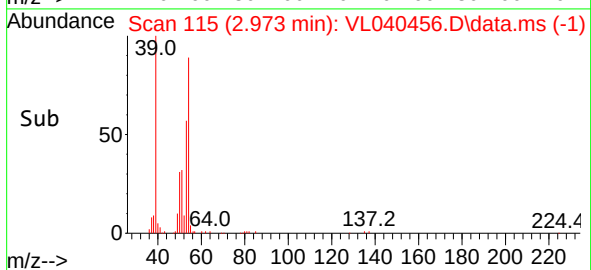
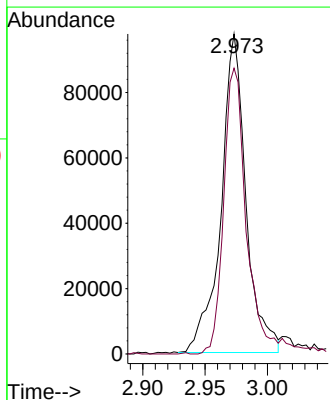
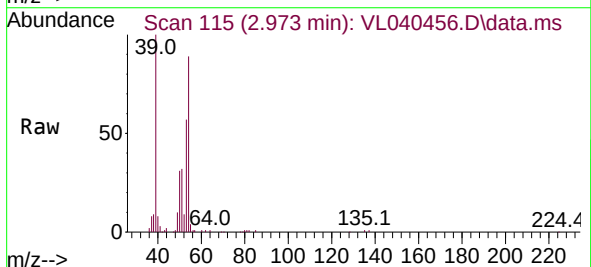
Manual Integrations
APPROVED

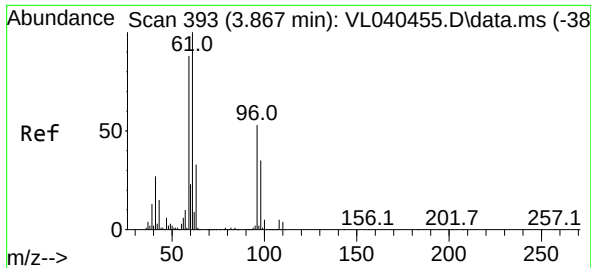
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#16
1,3-Butadiene
Concen: 2.128 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

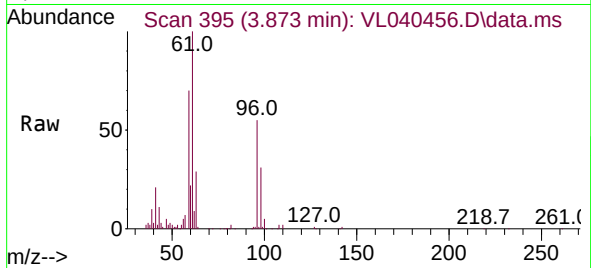
Tgt Ion: 39 Resp: 135937
Ion Ratio Lower Upper
39 100
54 85.8 66.9 100.3





#17
tert-Butyl alcohol
Concen: 1.963 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.006 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

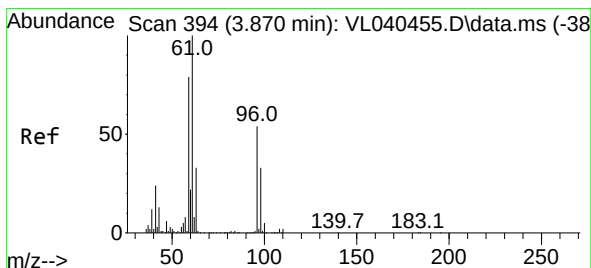
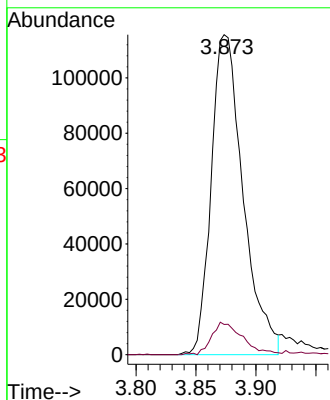
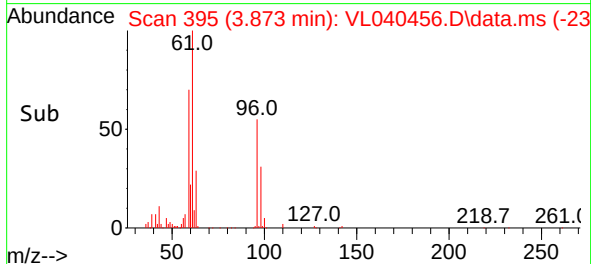
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



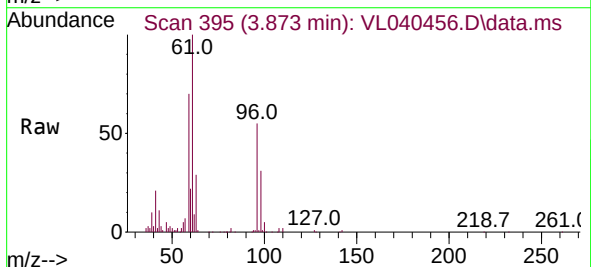
Tgt Ion: 59 Resp: 213662
Ion Ratio Lower Upper
59 100
57 10.6 8.8 13.2

Manual Integrations
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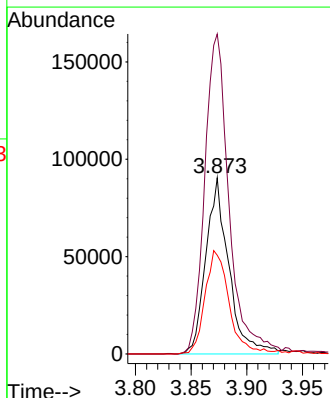
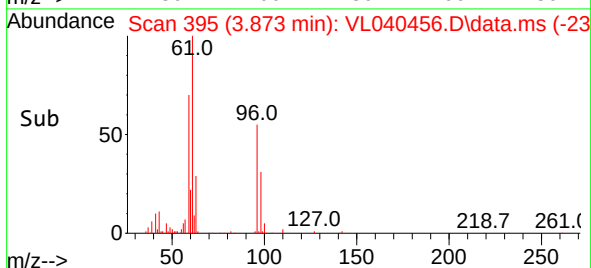
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

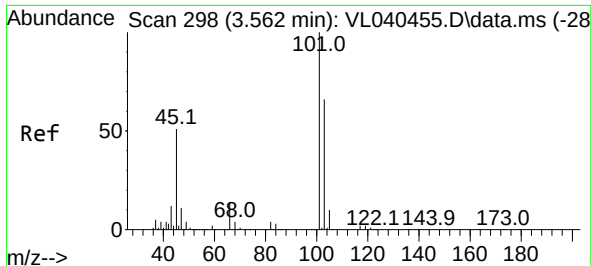


#18
1,1-Dichloroethene
Concen: 2.183 ppbv
RT: 3.873 min Scan# 395
Delta R.T. 0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



Tgt Ion: 96 Resp: 130032
Ion Ratio Lower Upper
96 100
61 181.6 149.5 224.3
98 56.1 48.7 73.1





#19

Isopropyl Alcohol

Concen: 2.041 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.010 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 45 Resp: 12814

Ion Ratio Lower Upper

45 100

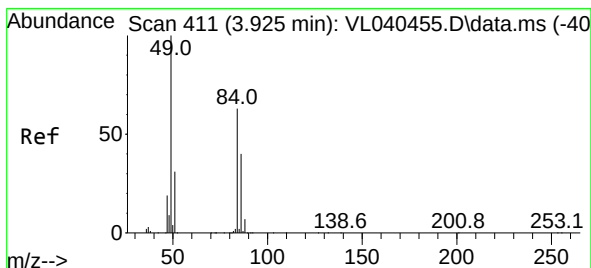
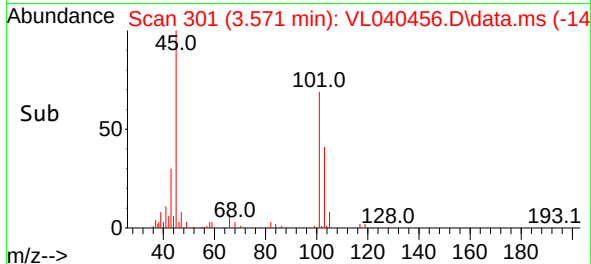
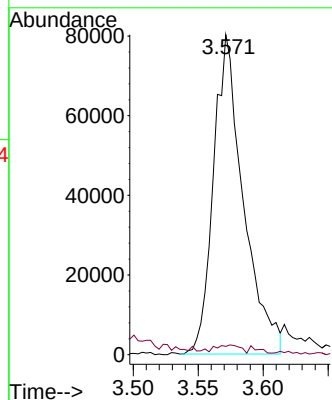
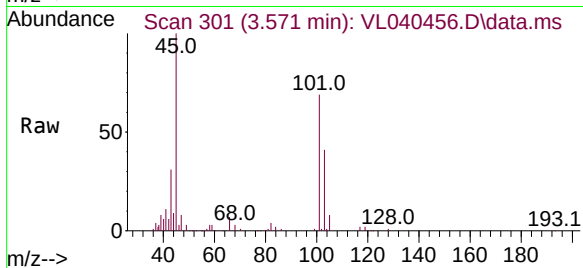
58 4.8 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#20

Methylene Chloride

Concen: 2.014 ppbv

RT: 3.925 min Scan# 411

Delta R.T. -0.000 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Tgt Ion: 84 Resp: 113615

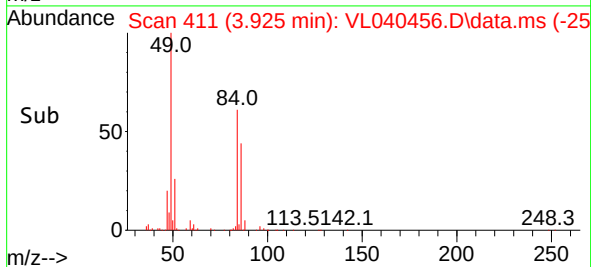
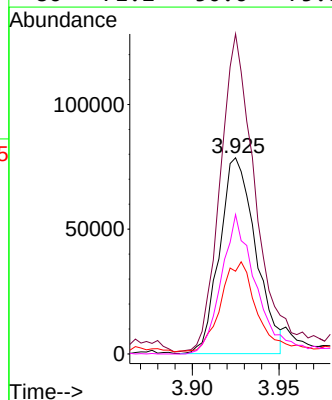
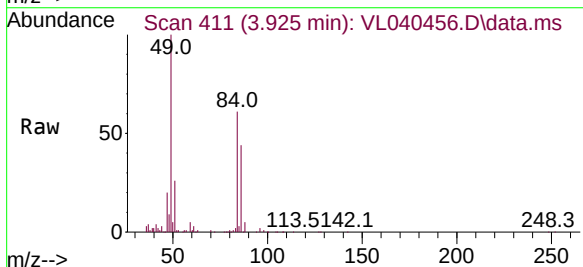
Ion Ratio Lower Upper

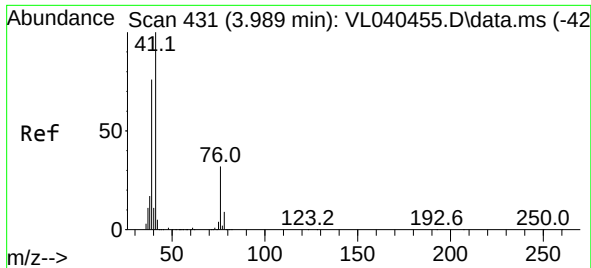
84 100

49 162.2 126.2 189.2

51 39.7 38.7 58.1

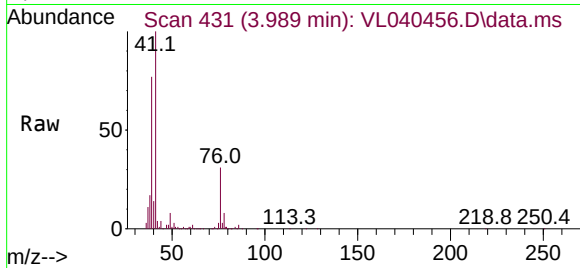
86 71.2 50.6 75.8





#21
 Allyl Chloride
 Concen: 2.093 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

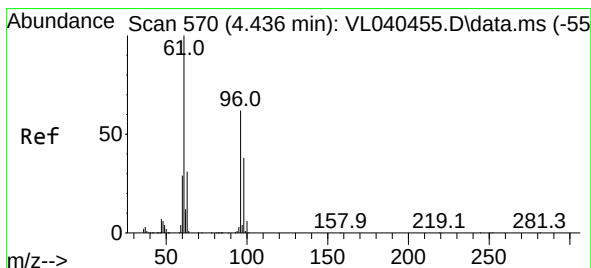
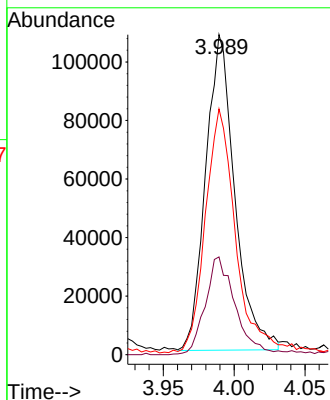
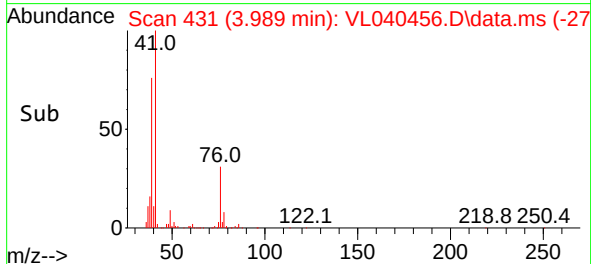
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



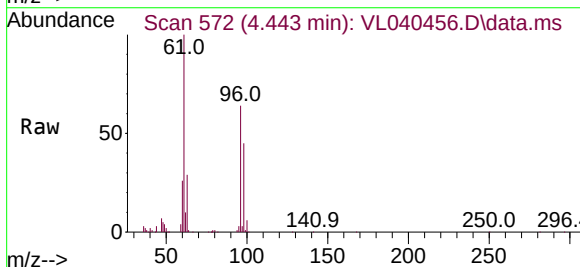
Tgt Ion: 41 Resp: 15398
 Ion Ratio Lower Upper
 41 100
 76 32.7 26.1 39.1
 39 84.5 63.9 95.9

Manual Integrations
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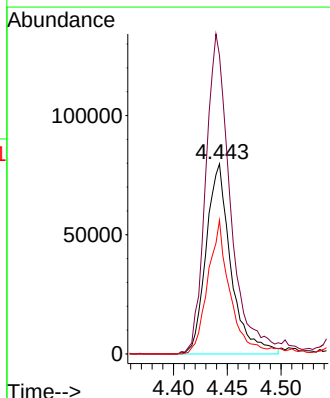
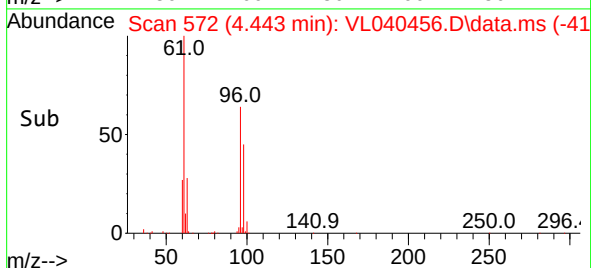
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

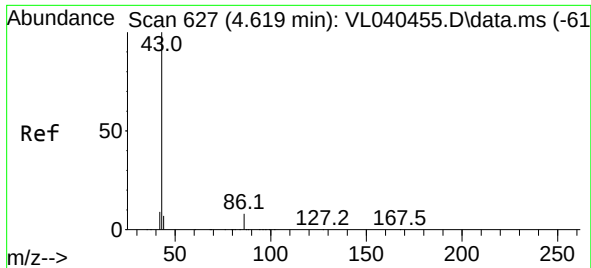


#22
 trans-1,2-Dichloroethene
 Concen: 2.099 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.006 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48



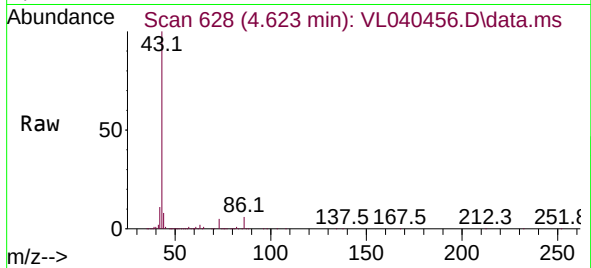
Tgt Ion: 96 Resp: 128299
 Ion Ratio Lower Upper
 96 100
 61 157.0 128.1 192.1
 98 70.2 48.2 72.4





#23
 Vinyl Acetate
 Concen: 2.195 ppbv m
 RT: 4.623 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

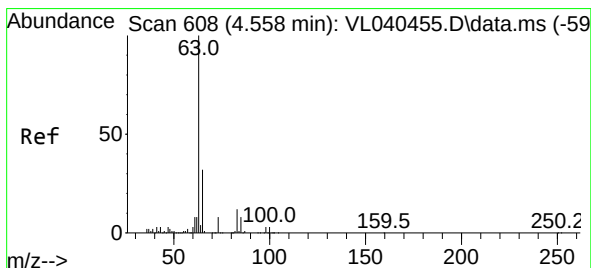
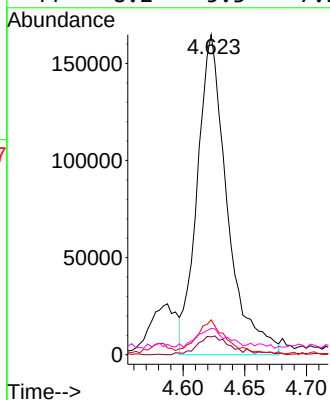
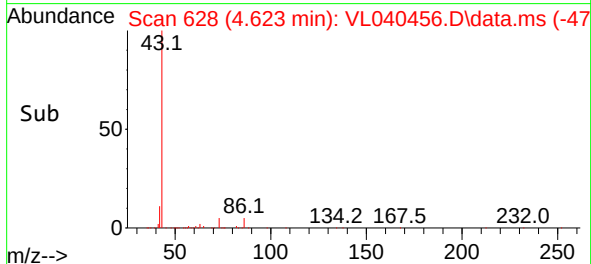
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 43 Resp: 278010
 Ion Ratio Lower Upper
 43 100
 86 5.6 5.8 8.6
 42 10.9 7.4 11.2
 44 8.2 5.3 7.9#

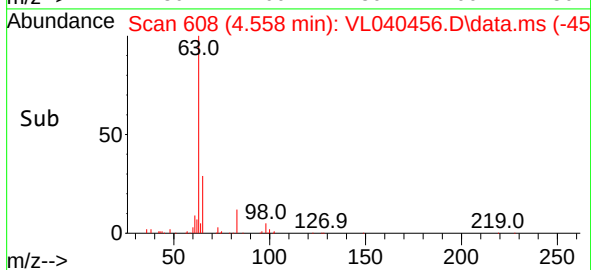
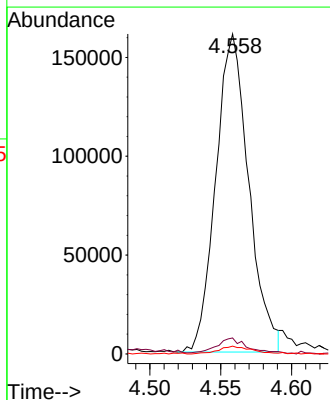
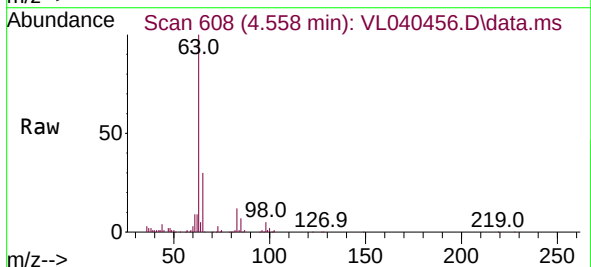
Manual Integrations
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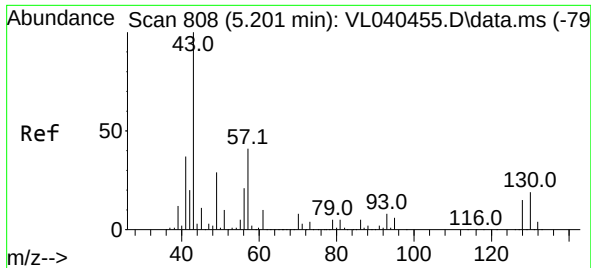
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#24
 1,1-Dichloroethane
 Concen: 2.038 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

Tgt Ion: 63 Resp: 260042
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.8 5.5
 100 2.3 1.4 4.0





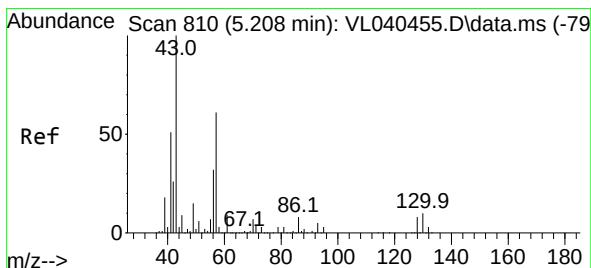
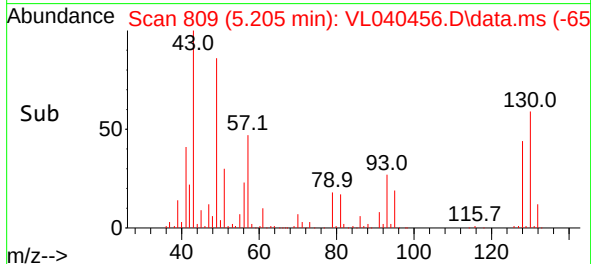
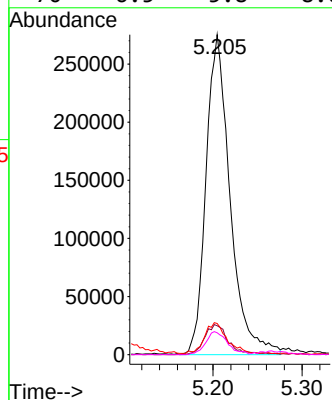
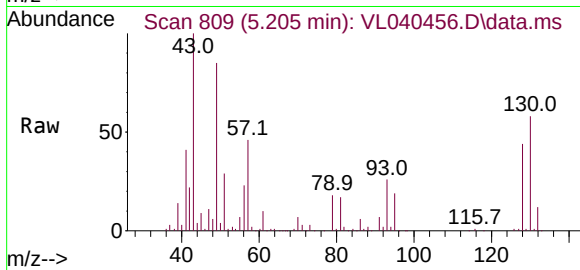
#25
Ethyl Acetate
Concen: 2.191 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 51700
Ion Ratio Lower Upper
43 100
45 9.7 8.0 12.0
61 10.7 8.1 12.1
70 6.5 5.8 8.6

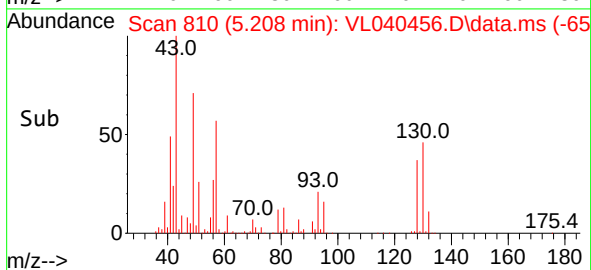
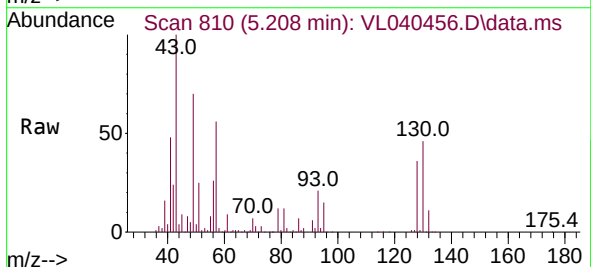
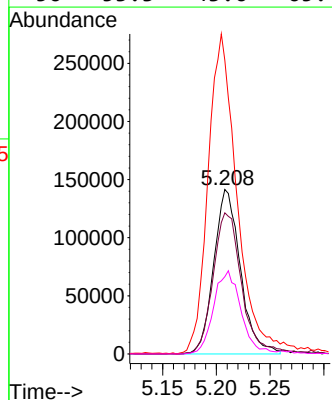
Manual Integrations
APPROVED

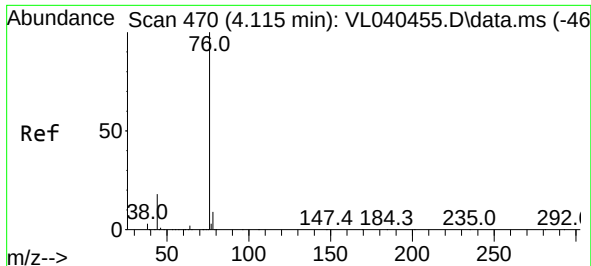
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#26
Hexane
Concen: 2.179 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Tgt Ion: 57 Resp: 243483
Ion Ratio Lower Upper
57 100
41 93.2 73.0 109.6
43 217.6 177.5 266.3
56 53.3 43.6 65.4





#27

Carbon Disulfide

Concen: 2.080 ppbv

RT: 4.118 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040456.D

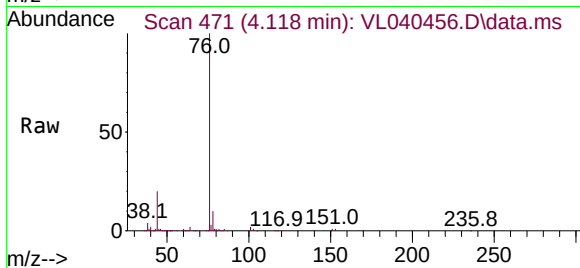
Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



Tgt Ion: 76 Resp: 290735

Ion Ratio Lower Upper

76 100

44 19.5 14.6 22.0

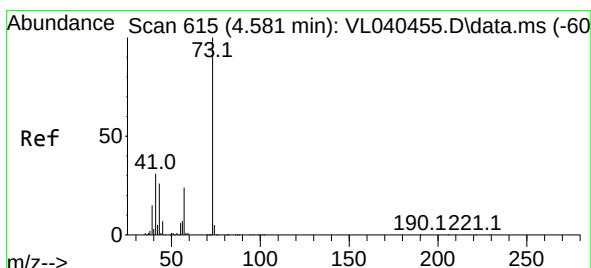
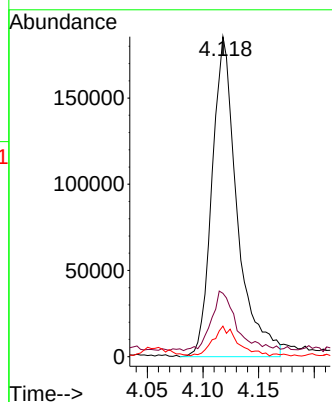
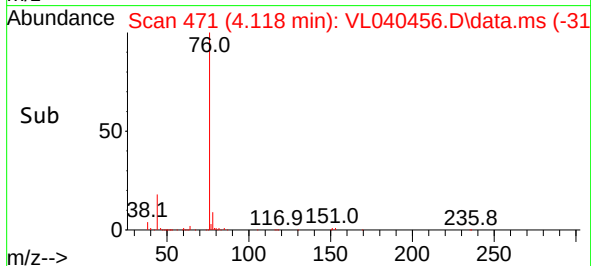
78 10.5 7.6 11.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#28

Methyl tert-Butyl Ether

Concen: 2.147 ppbv

RT: 4.584 min Scan# 616

Delta R.T. 0.003 min

Lab File: VL040456.D

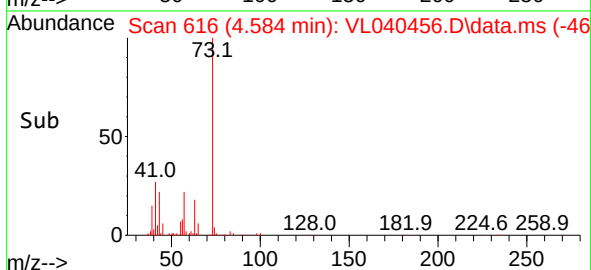
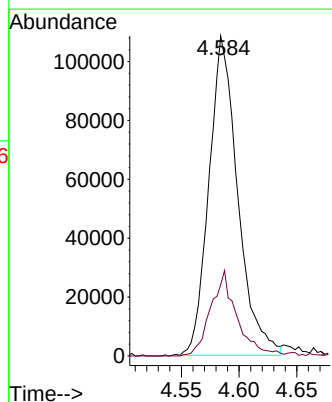
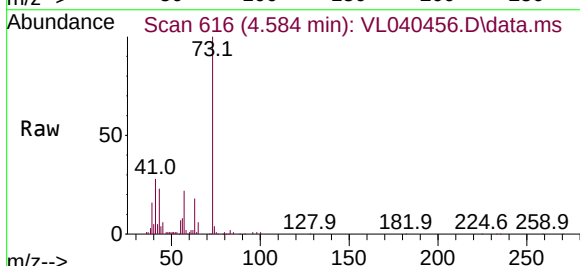
Acq: 5 Jun 2023 14:48

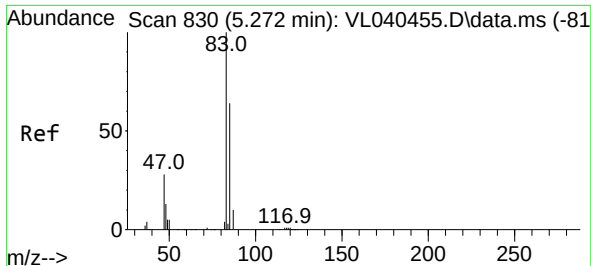
Tgt Ion: 73 Resp: 188189

Ion Ratio Lower Upper

73 100

57 25.0 19.0 28.4





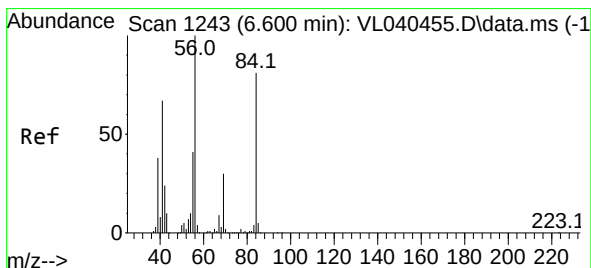
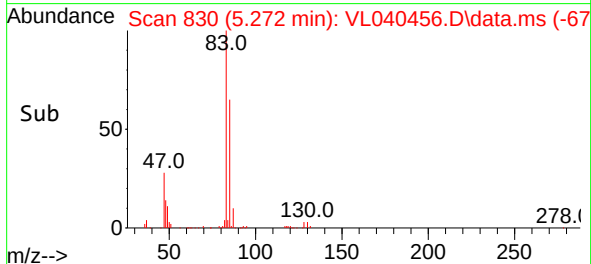
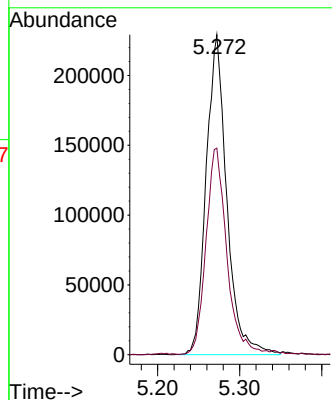
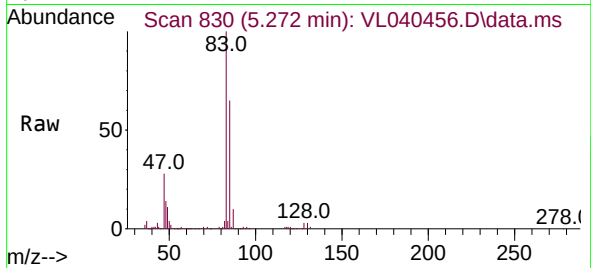
#29
Chloroform
Concen: 2.099 ppbv
RT: 5.272 min Scan# 830
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 83 Resp: 399518
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7

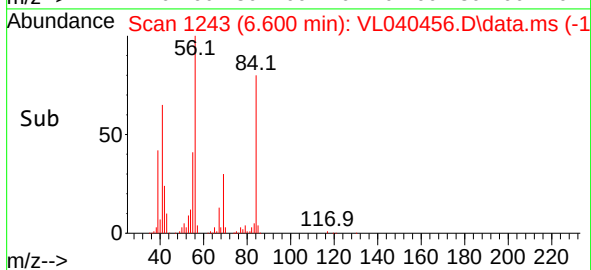
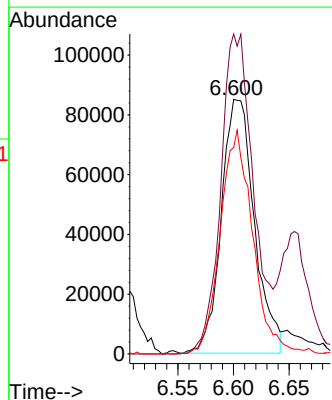
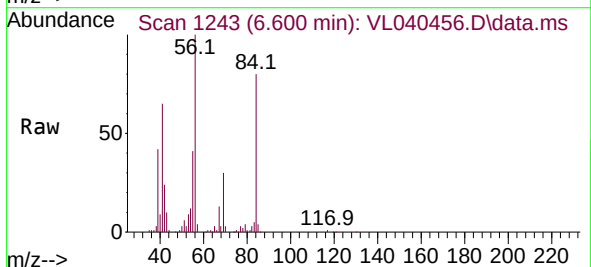
Manual Integrations
APPROVED

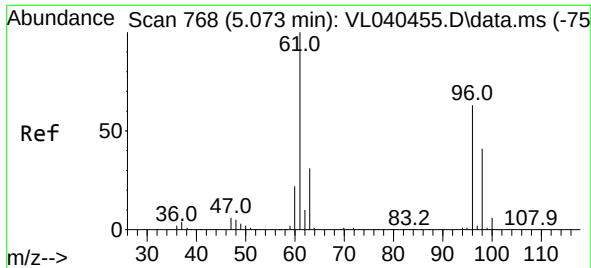
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#30
Cyclohexane
Concen: 2.108 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

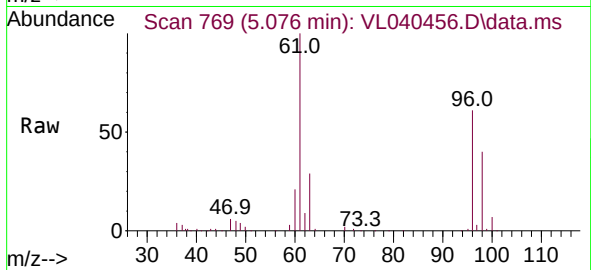
Tgt Ion: 84 Resp: 175322
Ion Ratio Lower Upper
84 100
56 127.6 106.0 159.0
41 87.0 66.8 100.2





#31
 cis-1,2-Dichloroethene
 Concen: 2.104 ppbv
 RT: 5.076 min Scan# 768
 Delta R.T. 0.003 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

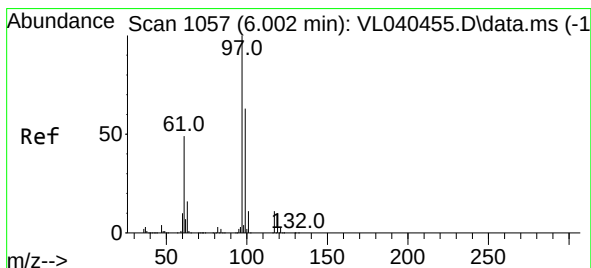
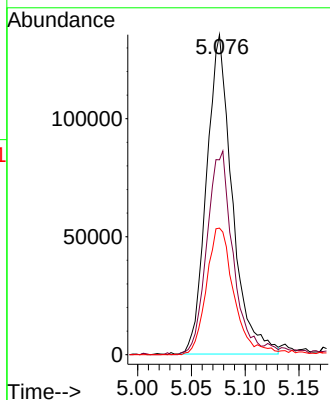
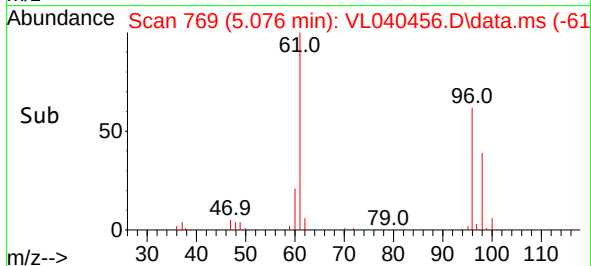
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 61 Resp: 224986
 Ion Ratio Lower Upper
 61 100
 96 61.0 50.2 75.4
 98 39.4 32.9 49.3

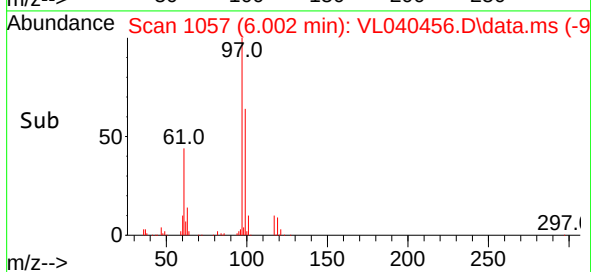
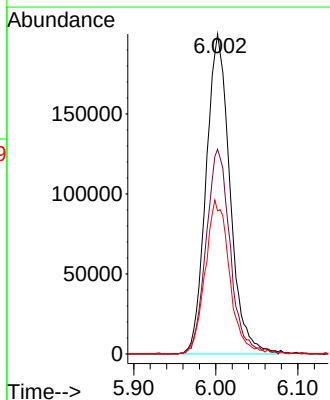
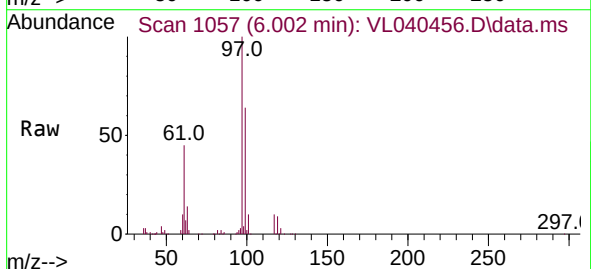
Manual Integrations
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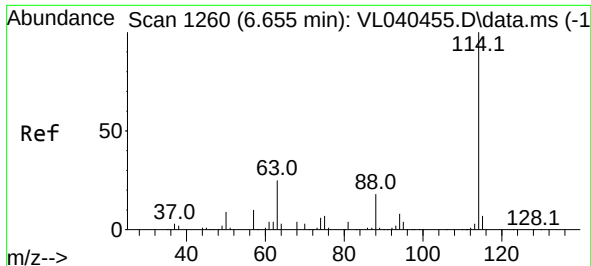
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#32
 1,1,1-Trichloroethane
 Concen: 2.134 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.000 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

Tgt Ion: 97 Resp: 404392
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.5 77.3
 61 49.3 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.000 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:114 Resp: 2765098

Ion Ratio Lower Upper

114 100

63 25.9 21.0 31.6

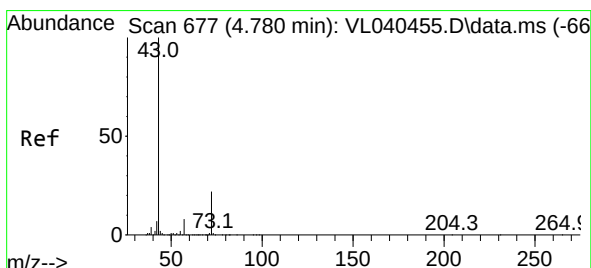
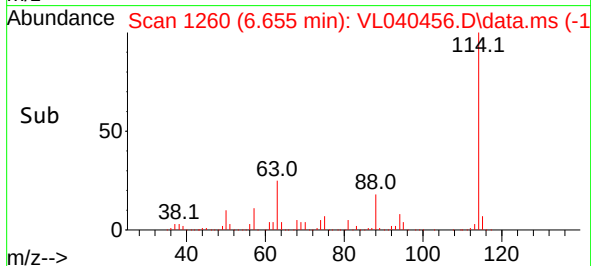
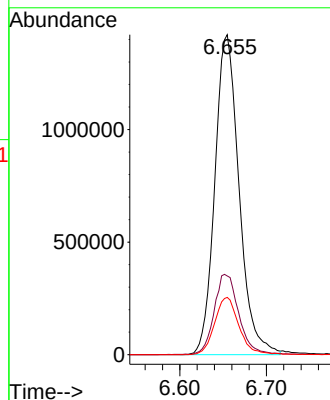
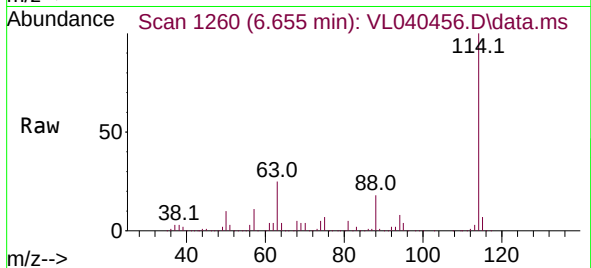
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#34

2-Butanone

Concen: 2.121 ppbv

RT: 4.783 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL040456.D

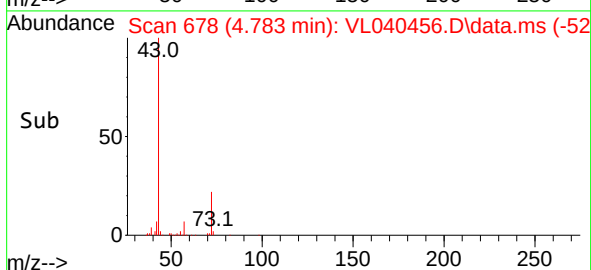
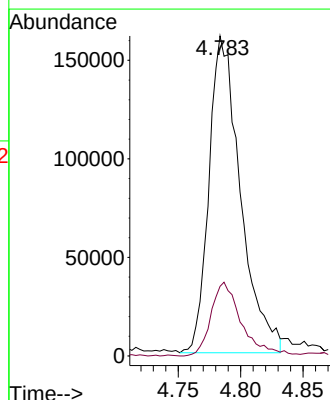
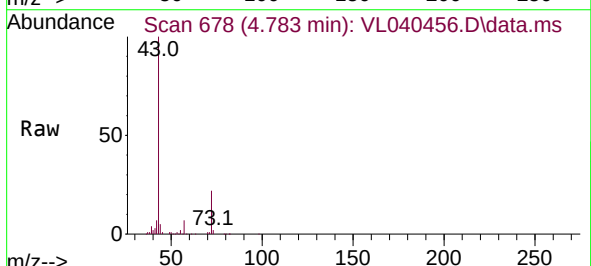
Acq: 5 Jun 2023 14:48

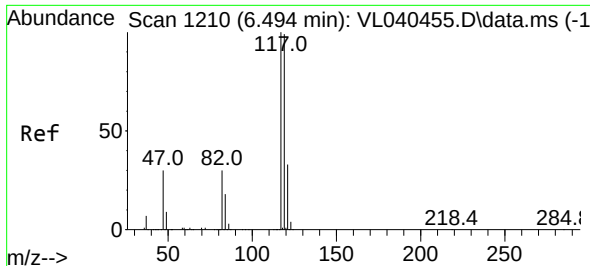
Tgt Ion: 43 Resp: 282832

Ion Ratio Lower Upper

43 100

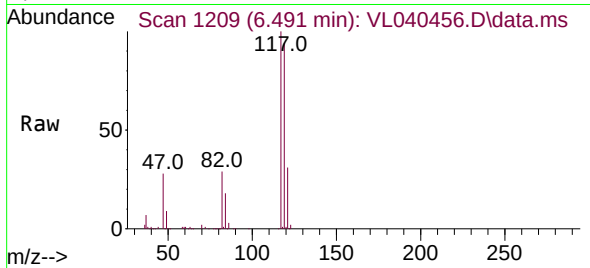
72 22.0 18.1 27.1





#35
Carbon Tetrachloride
Concen: 2.156 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

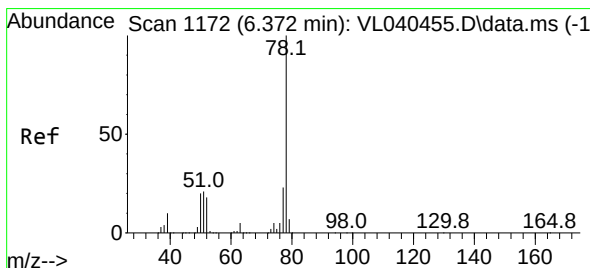
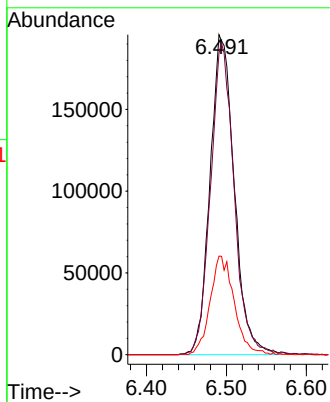
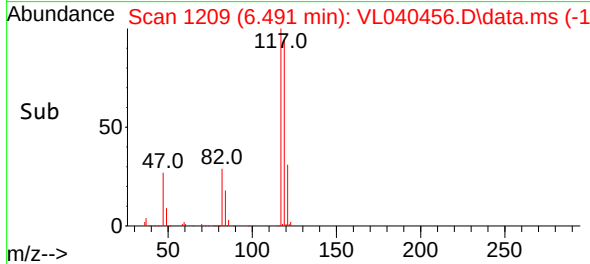
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 117 Resp: 409973
Ion Ratio Lower Upper
117 100
119 94.4 79.1 118.7
121 30.8 26.0 39.0

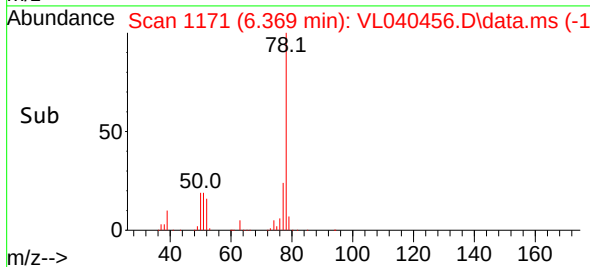
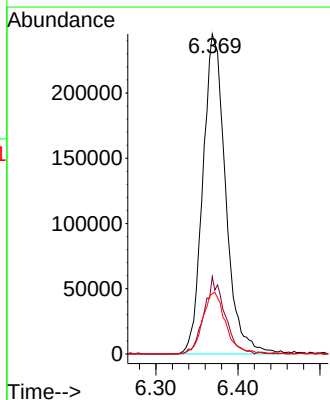
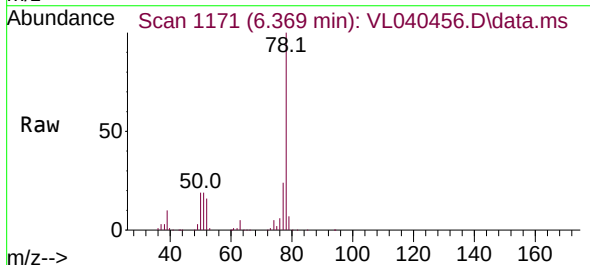
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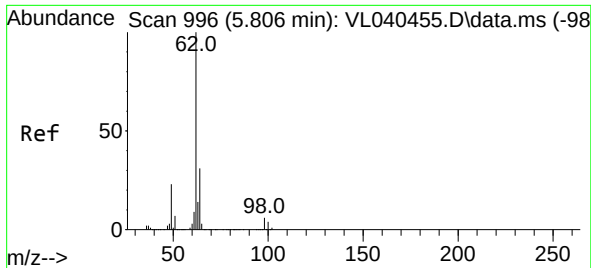
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#36
Benzene
Concen: 2.152 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Tgt Ion: 78 Resp: 473346
Ion Ratio Lower Upper
78 100
77 24.1 18.5 27.7
50 18.8 16.1 24.1





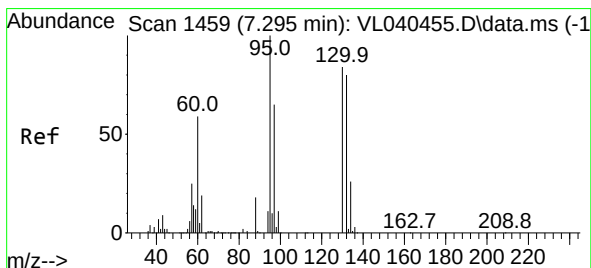
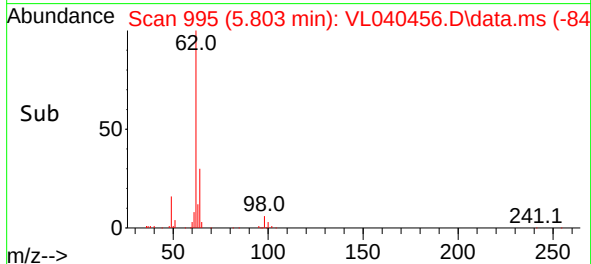
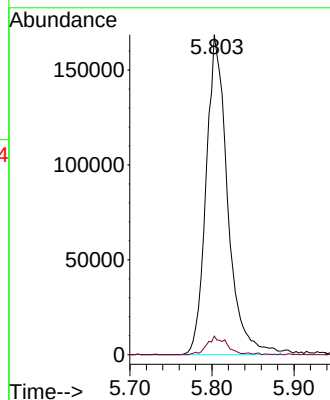
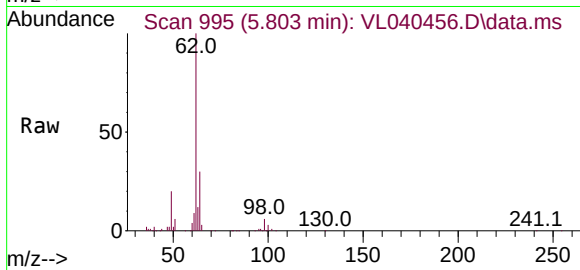
#37
1,2-Dichloroethane
Concen: 2.140 ppbv
RT: 5.803 min Scan# 995
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 306709
Ion Ratio Lower Upper
62 100
98 5.5 4.6 6.8

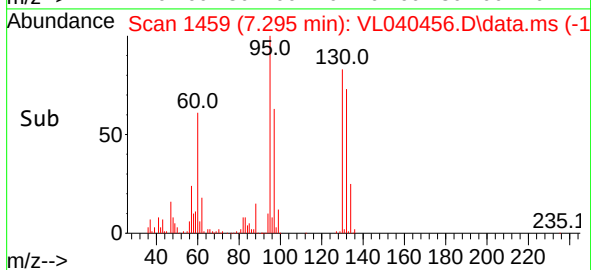
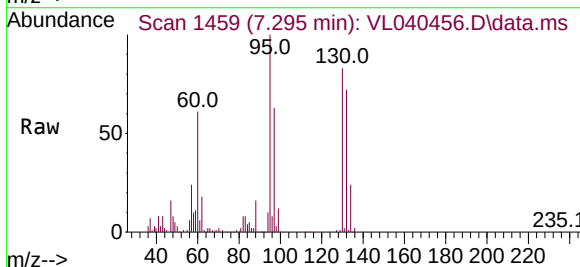
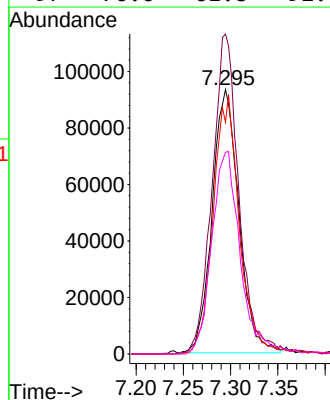
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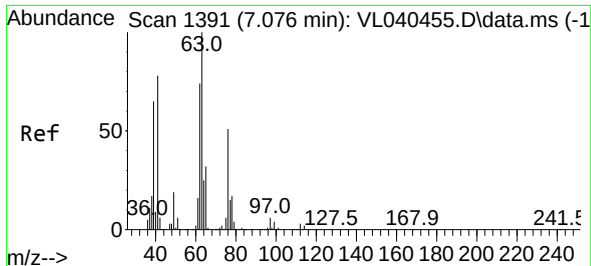
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#38
Trichloroethene
Concen: 2.173 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Tgt Ion:130 Resp: 183678
Ion Ratio Lower Upper
130 100
95 121.6 95.4 143.0
132 87.8 76.3 114.5
97 76.6 61.8 92.6





#39

1,2-Dichloropropane

Concen: 2.028 ppbv

RT: 7.076 min Scan# 1391

Delta R.T. -0.000 min

Lab File: VL040456.D

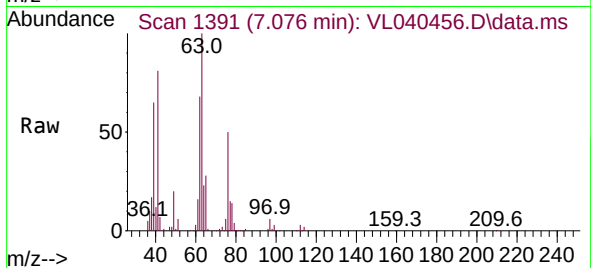
Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002



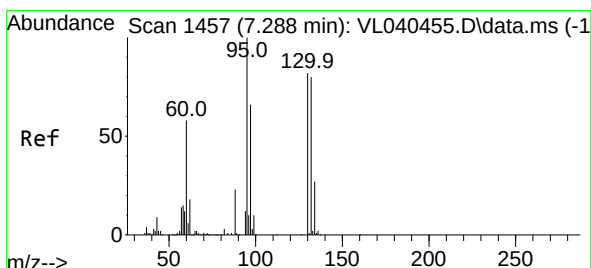
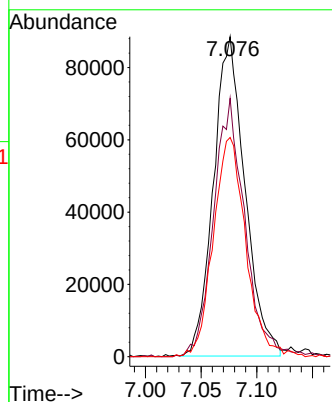
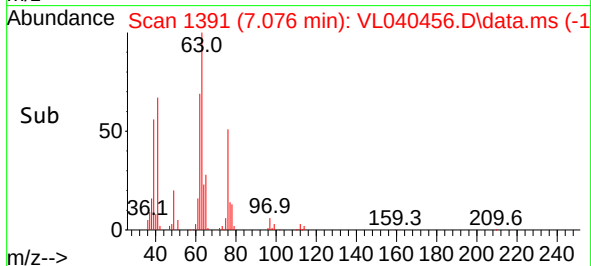
Tgt Ion: 63 Resp: 174089

Ion	Ratio	Lower	Upper
63	100		
41	80.6	62.2	93.2
62	68.4	59.0	88.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#40

1,4-Dioxane

Concen: 2.171 ppbv m

RT: 7.304 min Scan# 1462

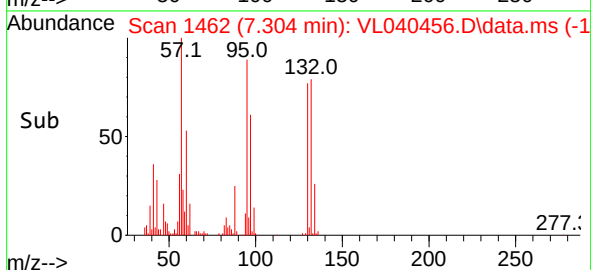
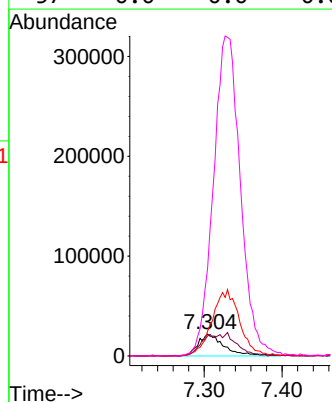
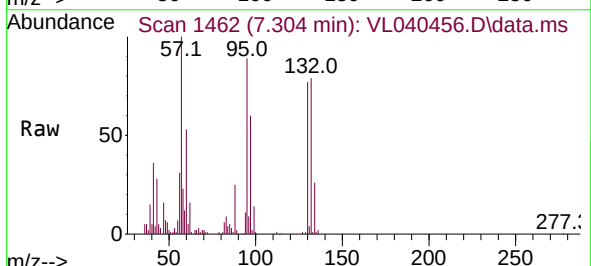
Delta R.T. 0.016 min

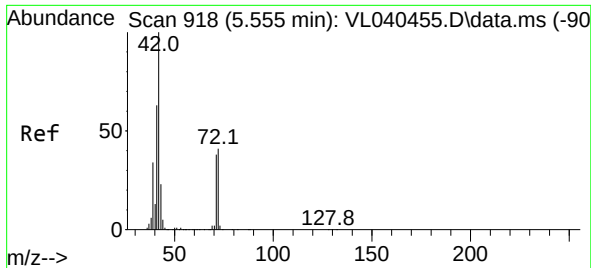
Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Tgt Ion: 88 Resp: 50993

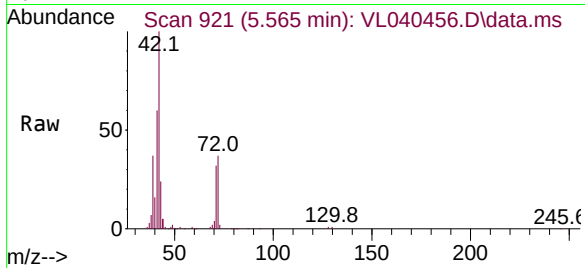
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 2.224 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

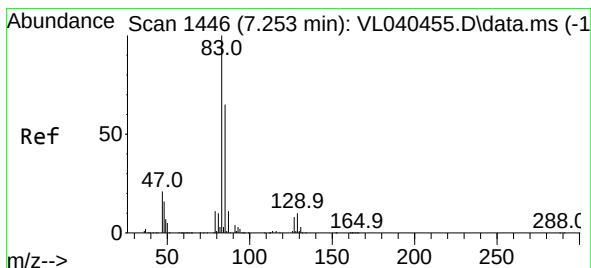
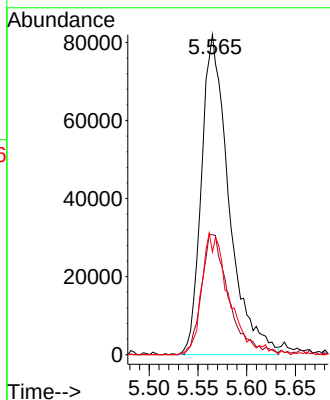
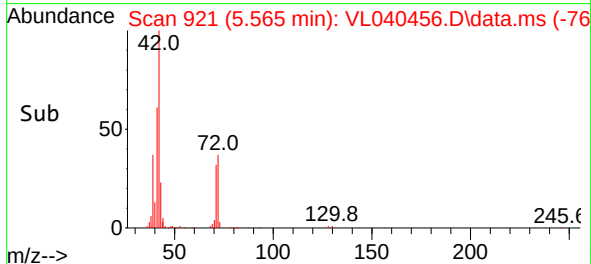
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 42 Resp: 161036
Ion Ratio Lower Upper
42 100
72 38.3 33.8 50.8
71 37.8 32.3 48.5

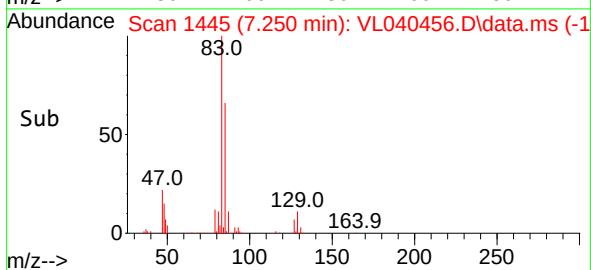
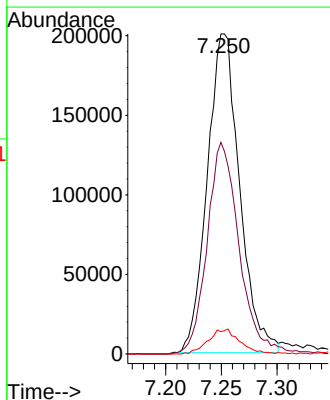
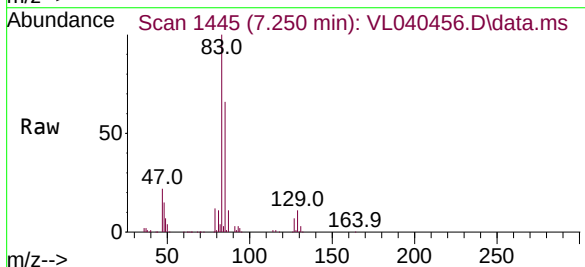
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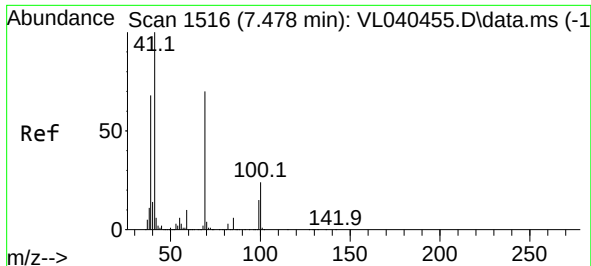
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#42
Bromodichloromethane
Concen: 2.057 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Tgt Ion: 83 Resp: 405799
Ion Ratio Lower Upper
83 100
85 65.8 51.8 77.6
127 7.0 6.1 9.1





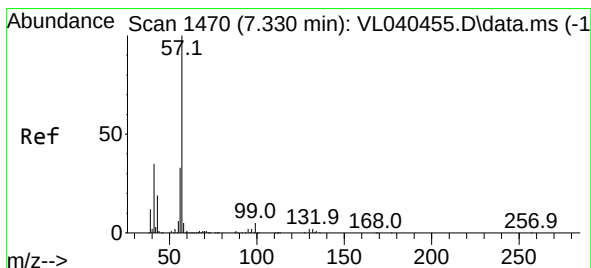
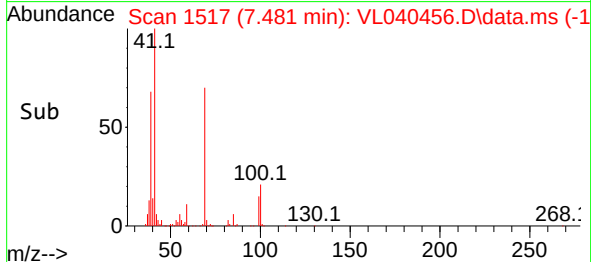
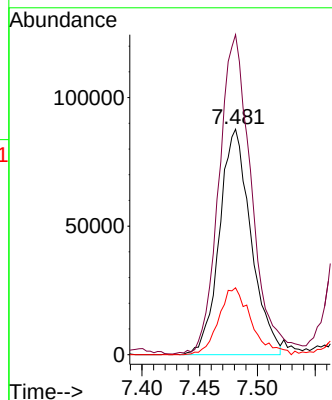
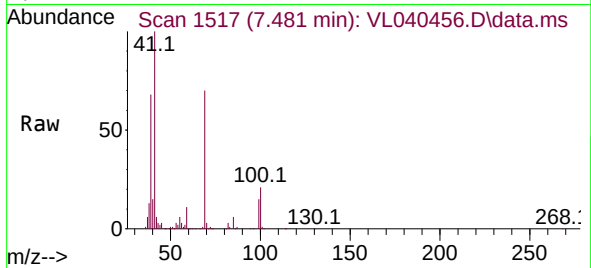
#43
Methyl Methacrylate
Concen: 2.109 ppbv
RT: 7.481 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 69 Resp: 166600
Ion Ratio Lower Upper
69 100
41 145.8 114.3 171.5
100 30.8 25.4 38.2

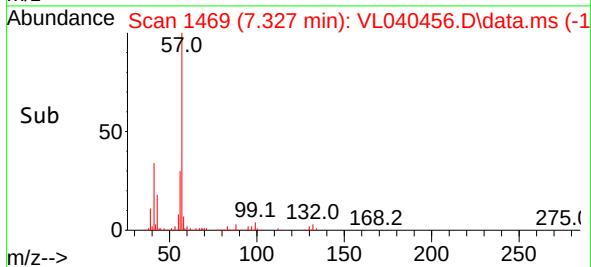
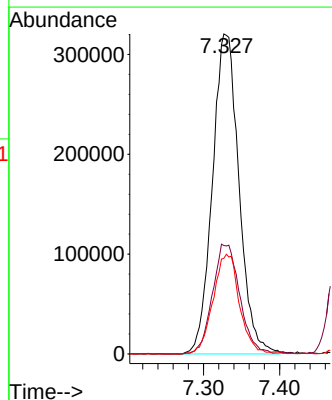
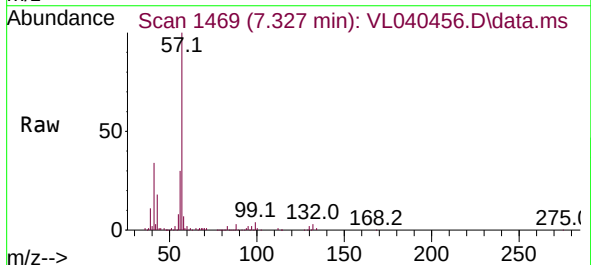
Manual Integrations
APPROVED

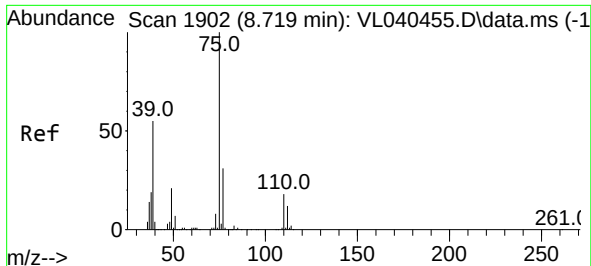
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#44
2,2,4-Trimethylpentane
Concen: 2.162 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

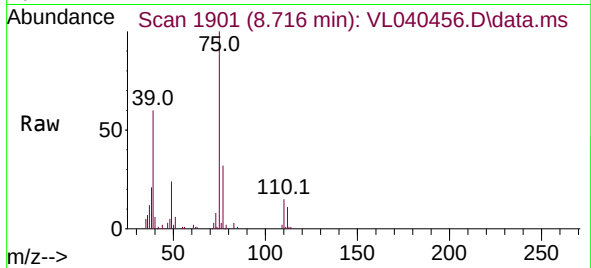
Tgt Ion: 57 Resp: 776446
Ion Ratio Lower Upper
57 100
41 35.6 27.8 41.8
56 31.2 25.3 37.9





#45
 t-1,3-Dichloropropene
 Concen: 2.020 ppbv m
 RT: 8.716 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

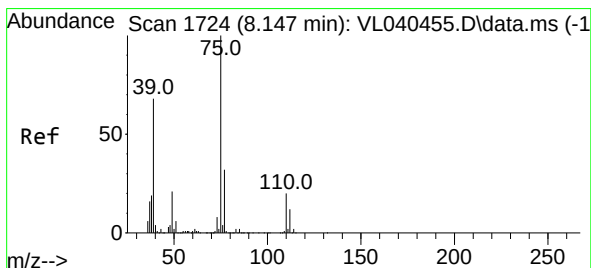
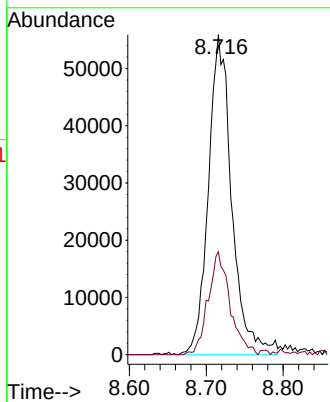
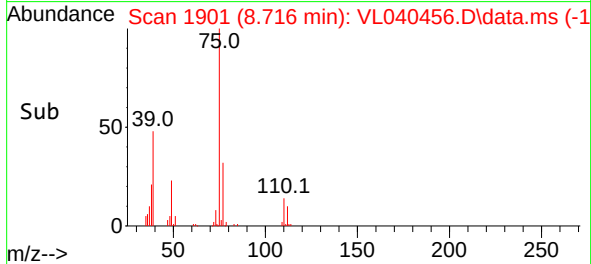
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



Tgt Ion: 75 Resp: 11813
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4

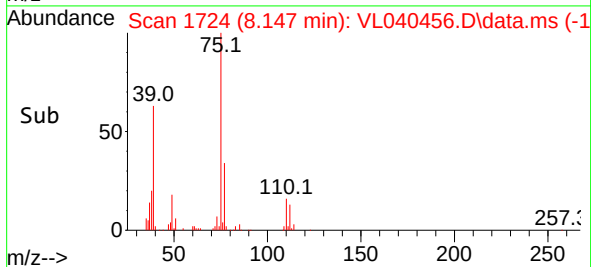
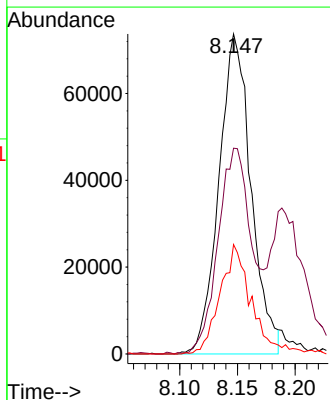
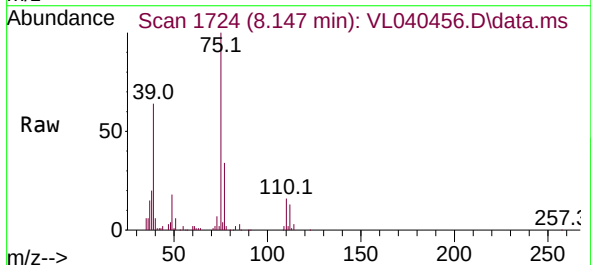
Manual Integrations
 APPROVED

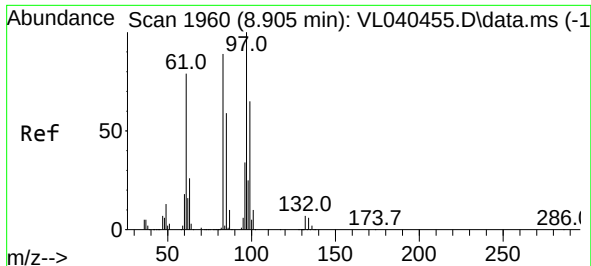
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#46
 cis-1,3-Dichloropropene
 Concen: 2.018 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

Tgt Ion: 75 Resp: 142509
 Ion Ratio Lower Upper
 75 100
 39 63.8 54.2 81.4
 77 34.2 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 2.069 ppbv

RT: 8.905 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VL040456.D

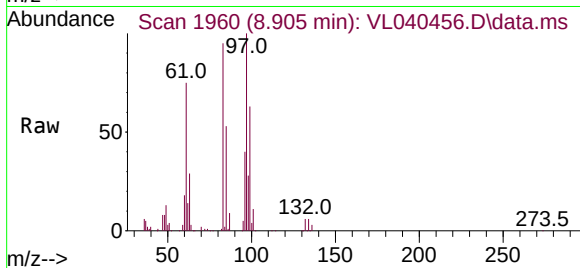
Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002



Tgt Ion: 97 Resp: 19259

Ion Ratio Lower Upper

97 100

83 95.0 71.4 107.2

85 52.7 47.2 70.8

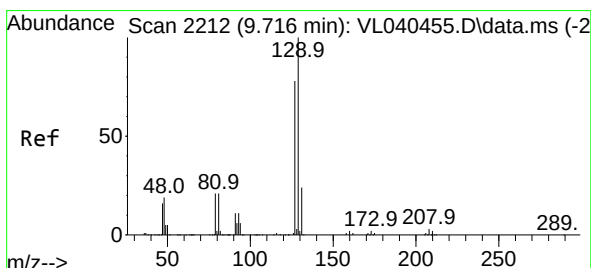
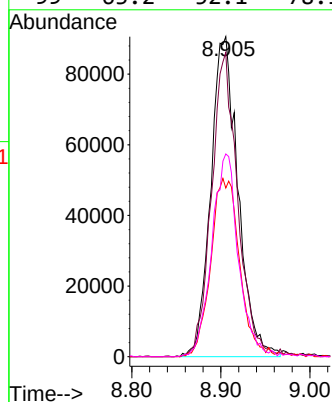
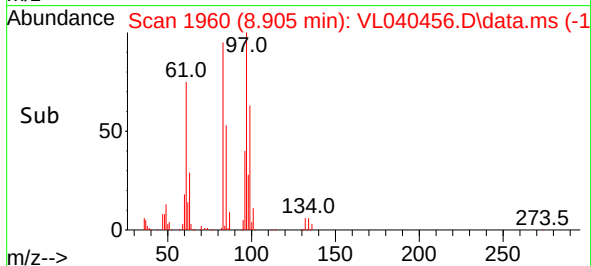
99 63.2 52.1 78.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#48

Dibromochloromethane

Concen: 2.091 ppbv

RT: 9.712 min Scan# 2211

Delta R.T. -0.003 min

Lab File: VL040456.D

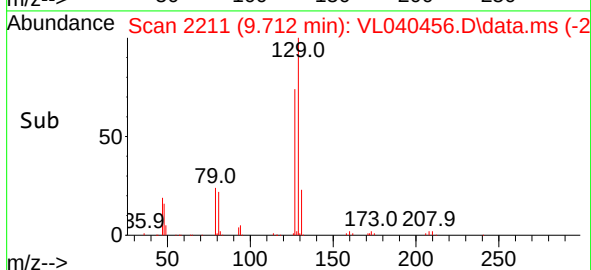
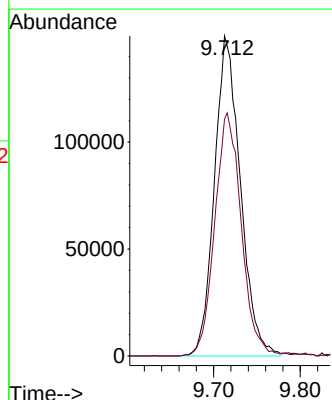
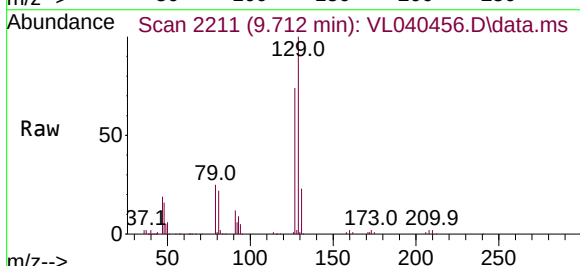
Acq: 5 Jun 2023 14:48

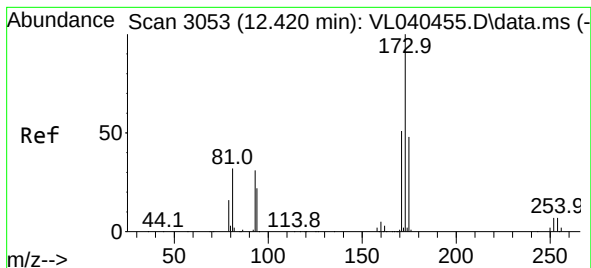
Tgt Ion:129 Resp: 311497

Ion Ratio Lower Upper

129 100

127 78.2 39.4 118.1





#49

Bromoform

Concen: 2.066 ppbv

RT: 12.417 min Scan# 3053

Delta R.T. -0.003 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

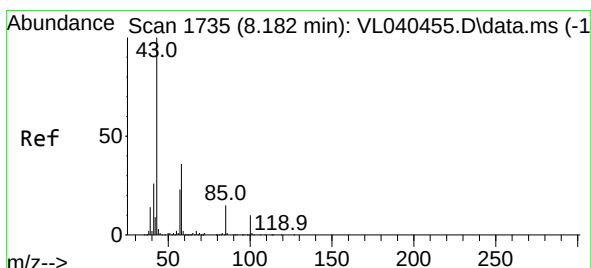
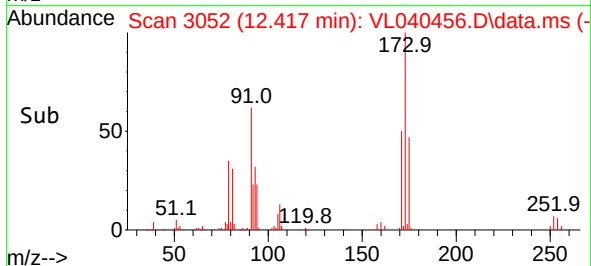
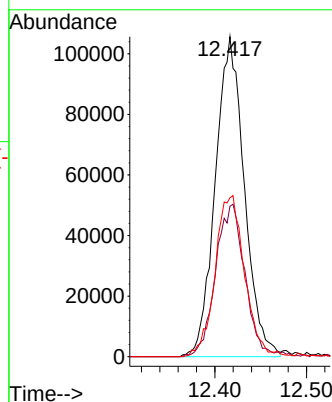
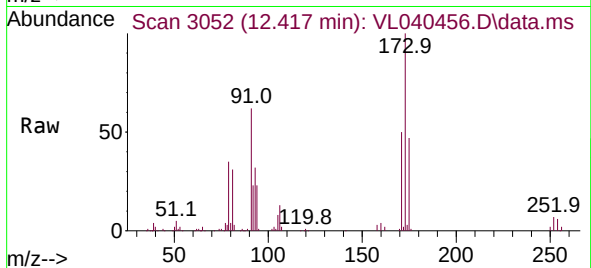
VSTDIC002

Tgt Ion:173 Resp: 23215
 Ion Ratio Lower Upper
 173 100
 175 49.0 39.2 58.8
 171 51.5 42.2 63.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#50

4-Methyl-2-Pentanone

Concen: 2.137 ppbv

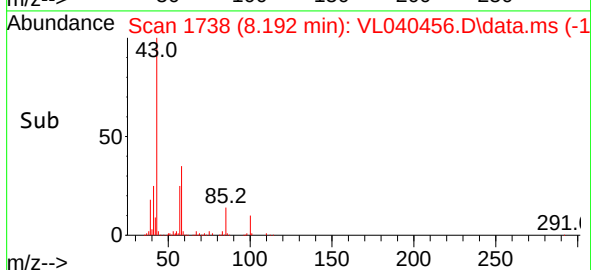
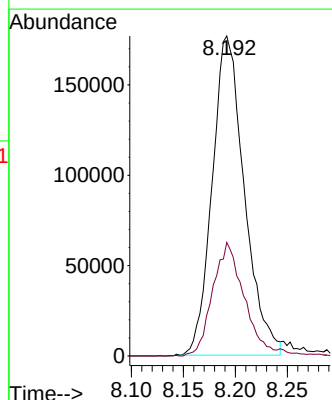
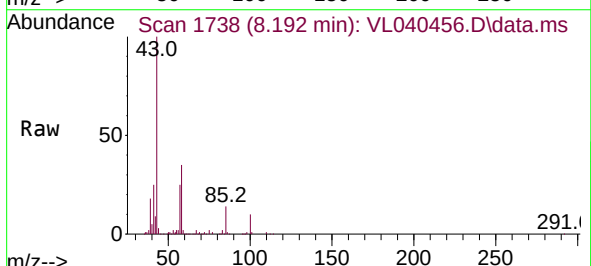
RT: 8.192 min Scan# 1738

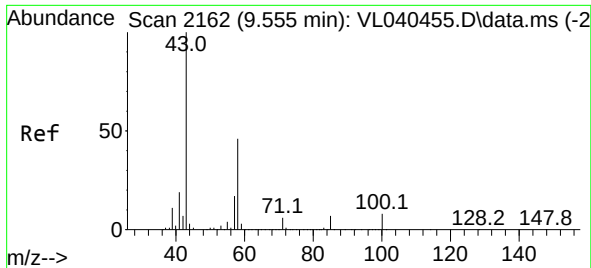
Delta R.T. 0.010 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

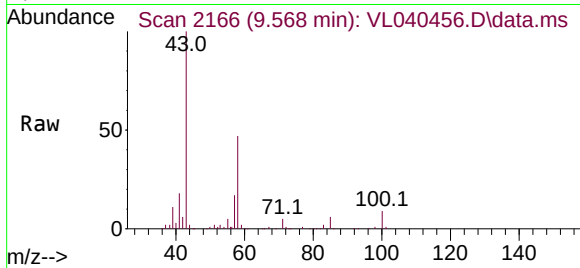
Tgt Ion: 43 Resp: 379567
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.2 42.4





#51
2-Hexanone
Concen: 2.118 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.013 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

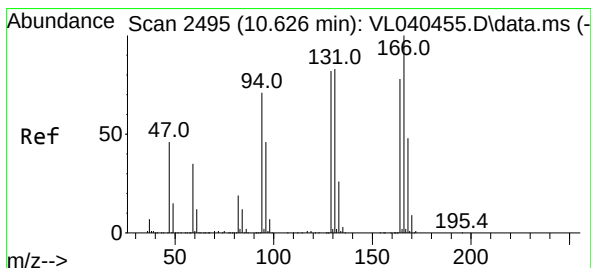
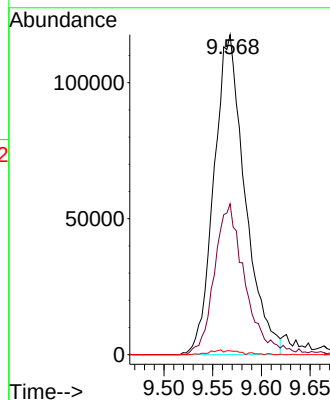
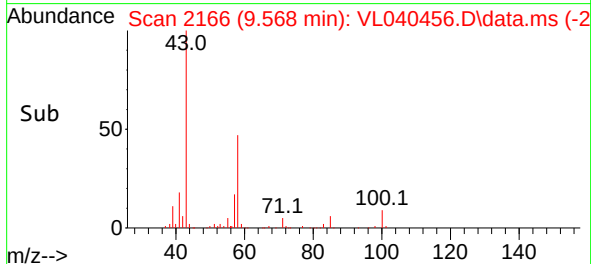
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



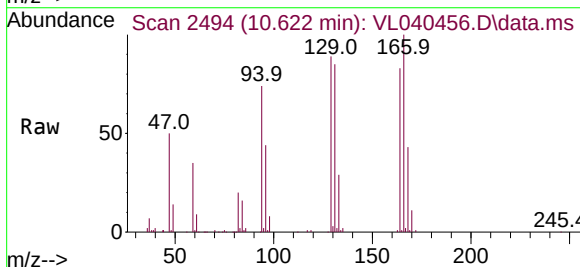
Tgt Ion: 43 Resp: 260710
Ion Ratio Lower Upper
43 100
58 47.5 37.1 55.7
98 1.4 0.5 0.7

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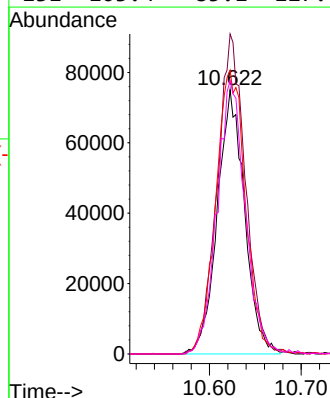
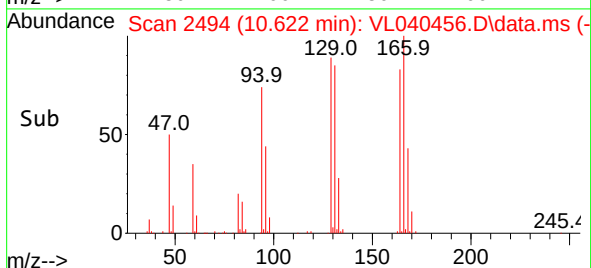
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

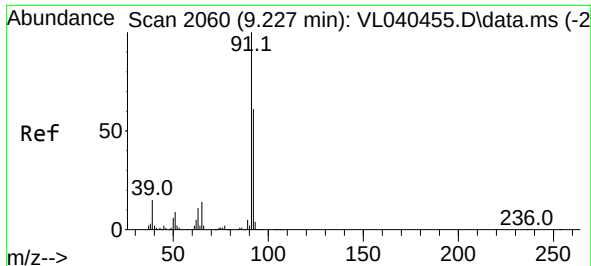


#52
Tetrachloroethene
Concen: 2.236 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



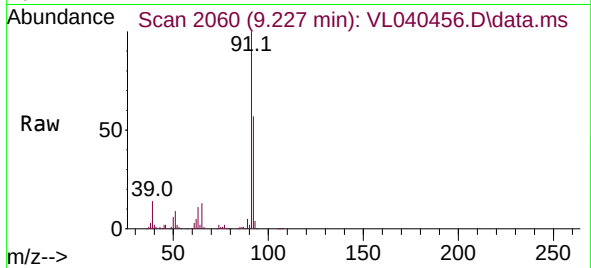
Tgt Ion:164 Resp: 154441
Ion Ratio Lower Upper
164 100
166 121.1 102.7 154.1
129 107.4 84.6 126.8
131 103.4 85.1 127.7





#53
Toluene
Concen: 2.122 ppbv
RT: 9.227 min Scan# 2060
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

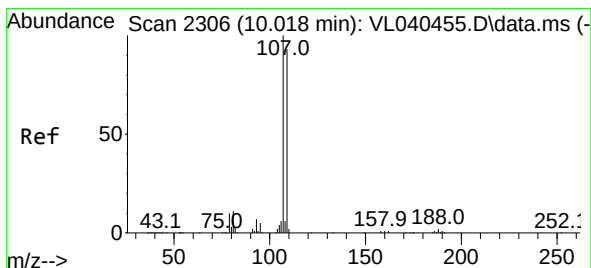
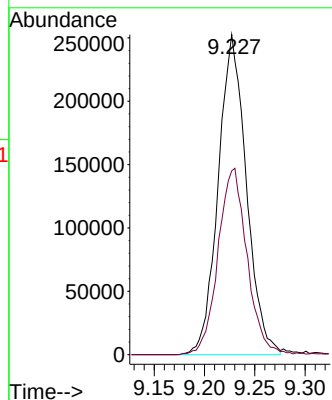
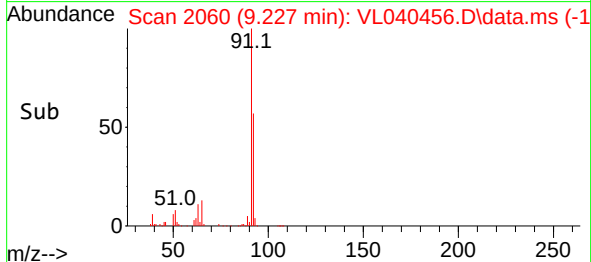
Instrument : MSVOA_L
ClientSampleId : VSTDICC002



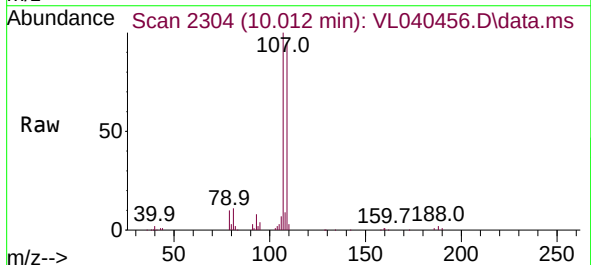
Tgt Ion: 91 Resp: 491519
Ion Ratio Lower Upper
91 100
92 60.3 49.1 73.7

Manual Integrations
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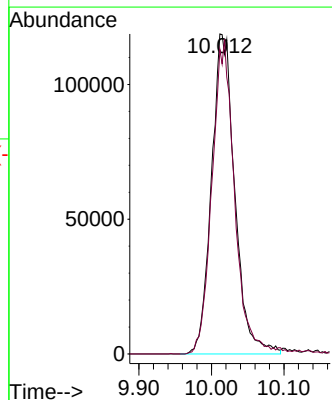
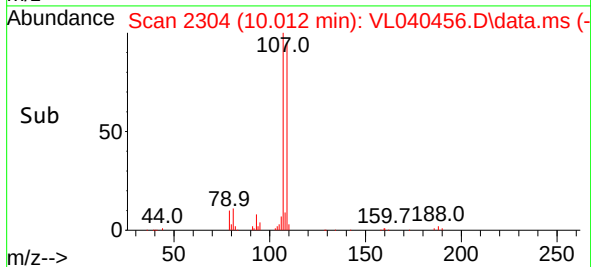
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

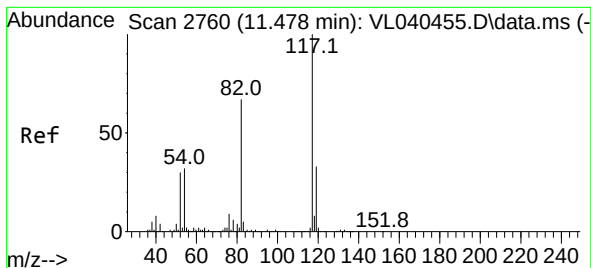


#54
1,2-Dibromoethane
Concen: 2.169 ppbv m
RT: 10.012 min Scan# 2304
Delta R.T. -0.006 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



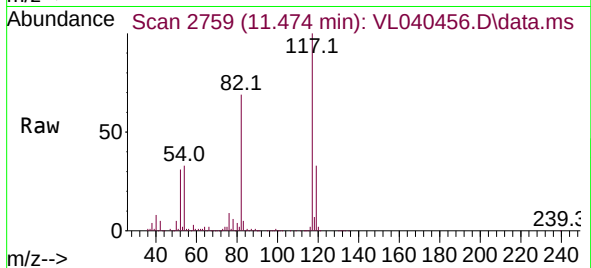
Tgt Ion:107 Resp: 265613
Ion Ratio Lower Upper
107 100
109 95.2 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

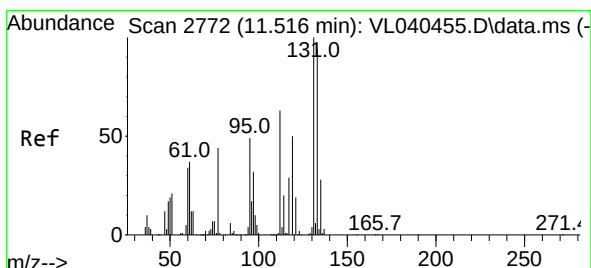
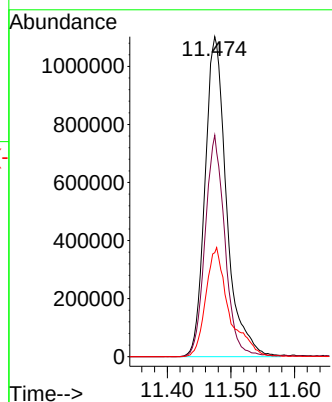
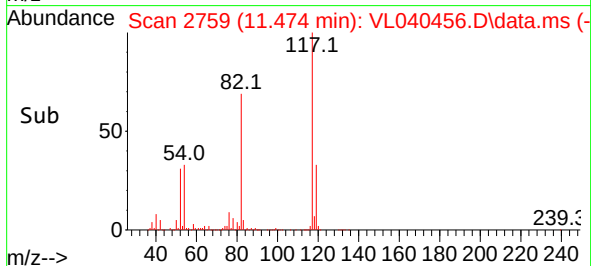
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



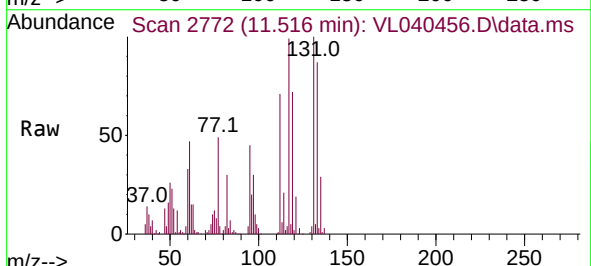
Tgt Ion:117 Resp: 258896
Ion Ratio Lower Upper
117 100
82 64.0 53.0 79.4
119 37.0 24.4 36.6

Manual Integrations
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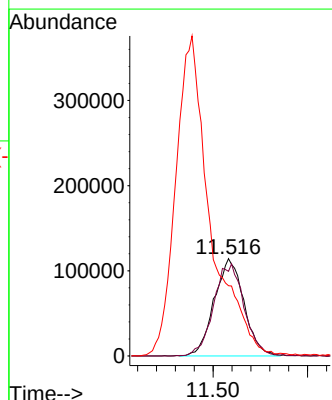
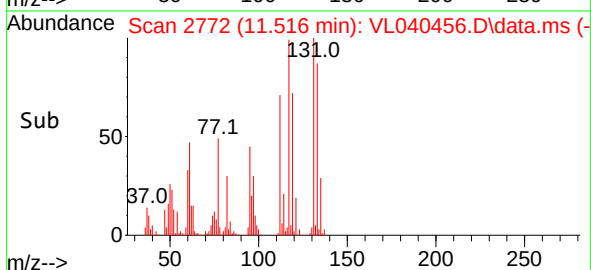
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

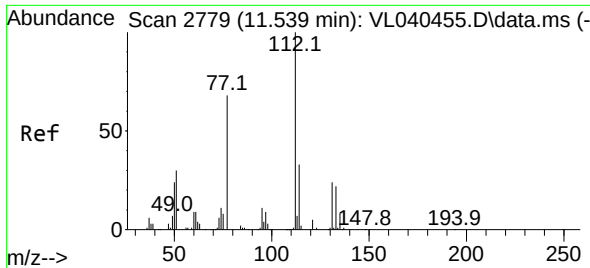


#56
1,1,1,2-Tetrachloroethane
Concen: 2.044 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



Tgt Ion:131 Resp: 248759
Ion Ratio Lower Upper
131 100
133 97.5 75.7 113.5
119 384.8 51.4 77.2#





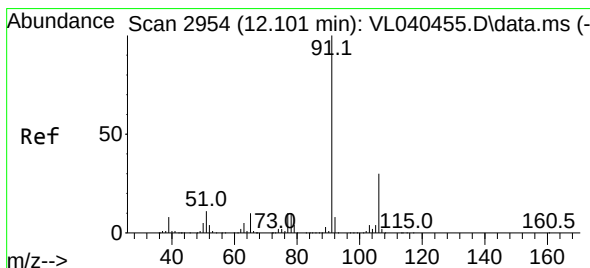
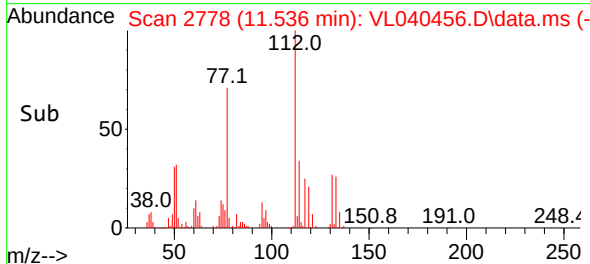
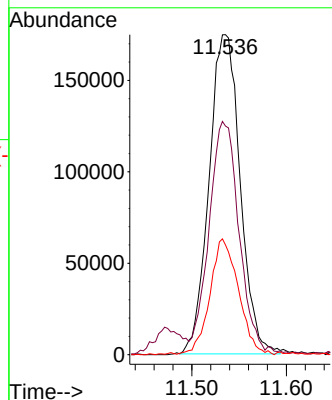
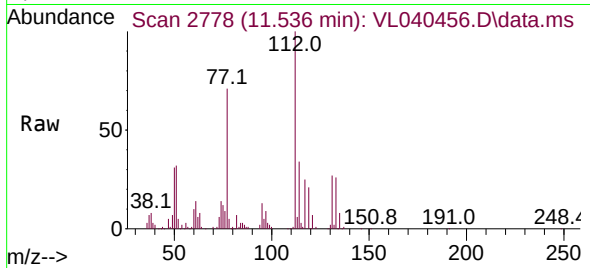
#57
Chlorobenzene
Concen: 2.043 ppbv
RT: 11.536 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 399802
Ion Ratio Lower Upper
112 100
77 70.5 55.4 83.2
114 34.0 30.0 36.6

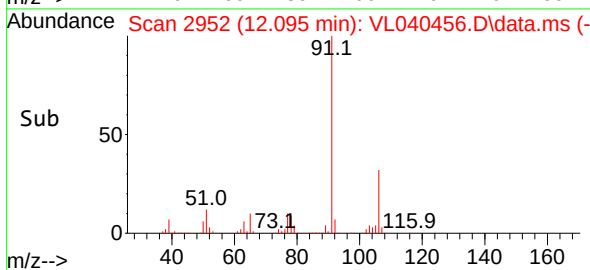
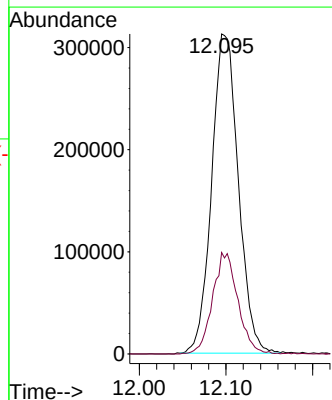
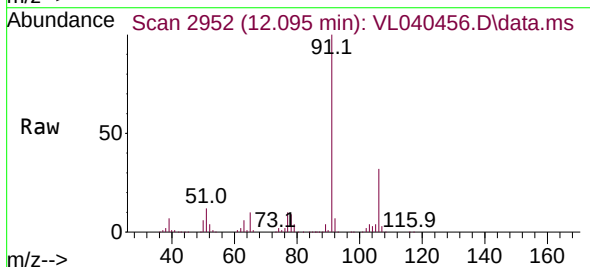
Manual Integrations
APPROVED

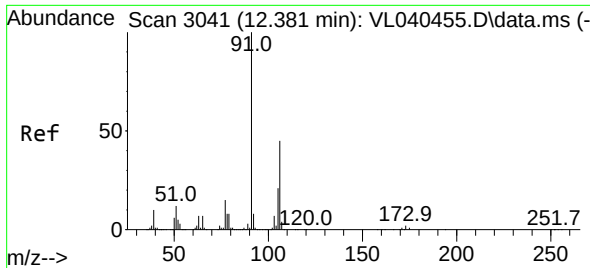
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#58
Ethyl Benzene
Concen: 2.133 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.006 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

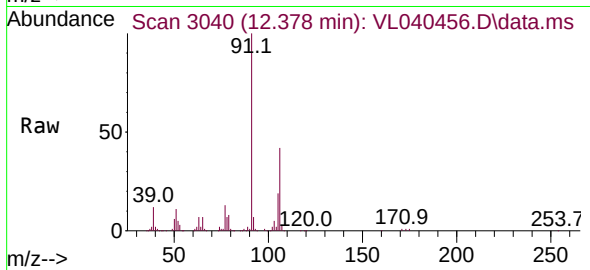
Tgt Ion: 91 Resp: 668378
Ion Ratio Lower Upper
91 100
106 31.8 23.7 35.5





#59
m/p-Xylene
Concen: 4.333 ppbv m
RT: 12.378 min Scan# 3040
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

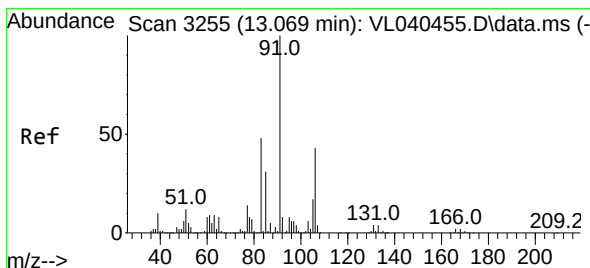
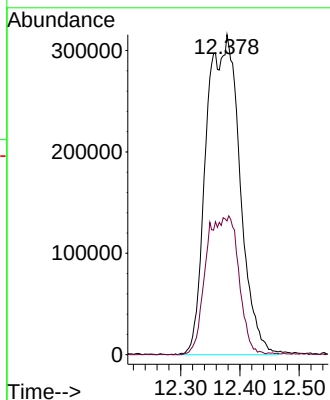
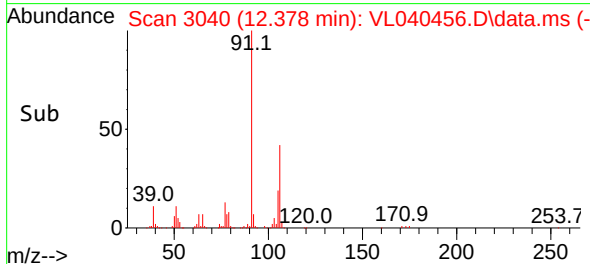
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



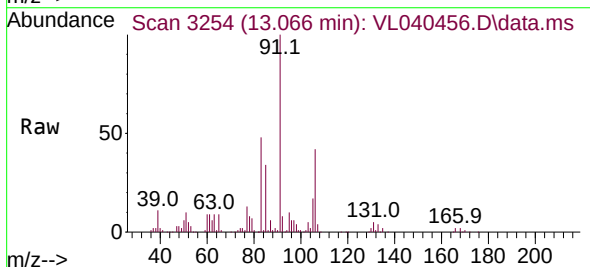
Tgt Ion: 91 Resp: 124550
Ion Ratio Lower Upper
91 100
106 42.2 34.6 52.0

Manual Integrations
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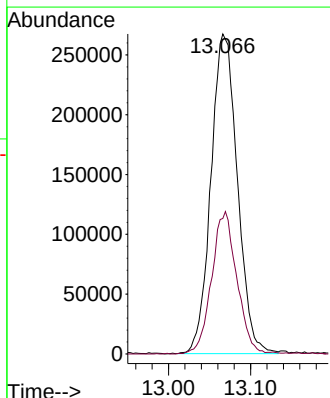
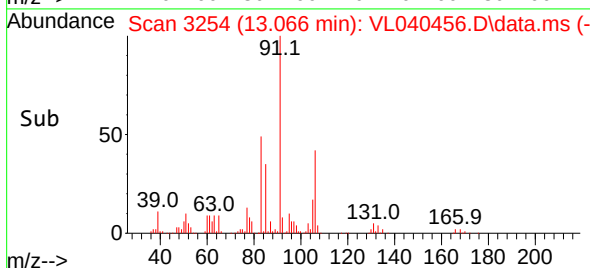
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

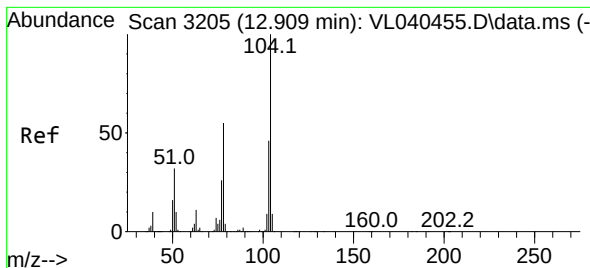


#60
o-Xylene
Concen: 2.193 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



Tgt Ion: 91 Resp: 599694
Ion Ratio Lower Upper
91 100
106 42.8 22.1 66.1





#61

Styrene

Concen: 2.127 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.003 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

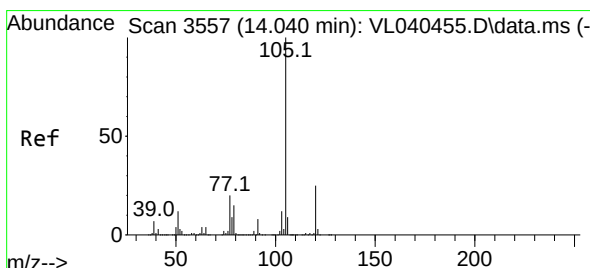
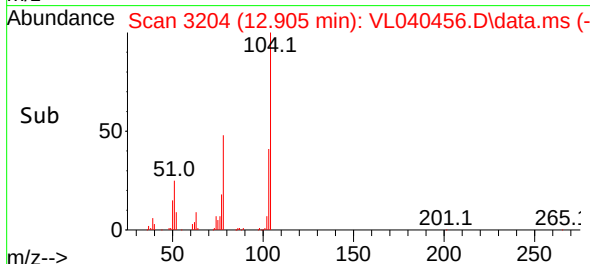
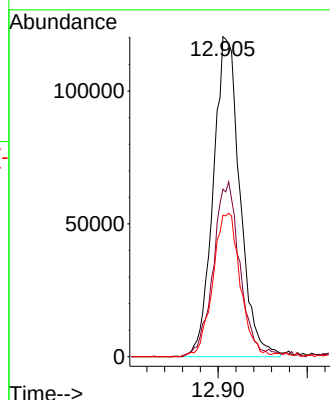
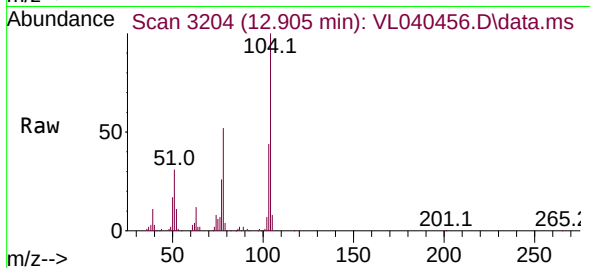
VSTDIC002

Tgt Ion:104 Resp: 250319
 Ion Ratio Lower Upper
 104 100
 78 55.3 43.1 64.7
 103 46.9 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023



#62

Isopropylbenzene

Concen: 2.144 ppbv

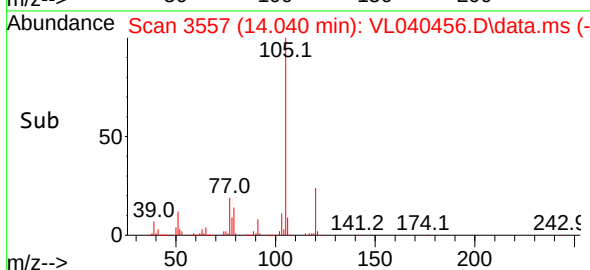
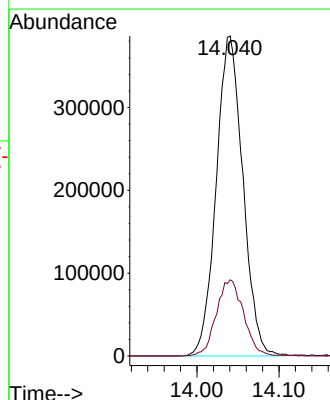
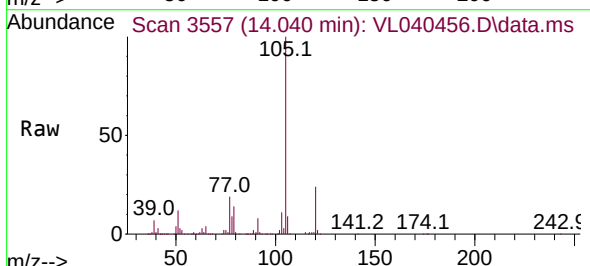
RT: 14.040 min Scan# 3557

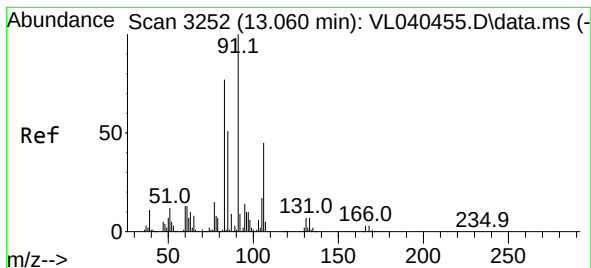
Delta R.T. -0.000 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

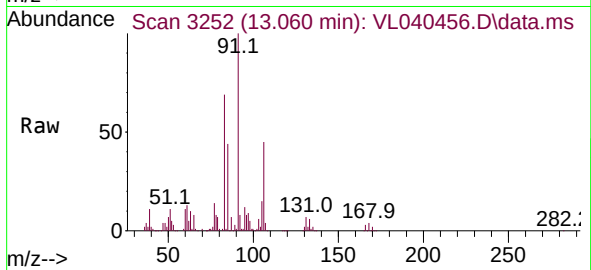
Tgt Ion:105 Resp: 871491
 Ion Ratio Lower Upper
 105 100
 120 24.4 20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 2.126 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

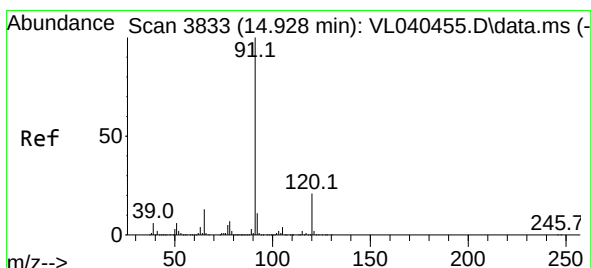
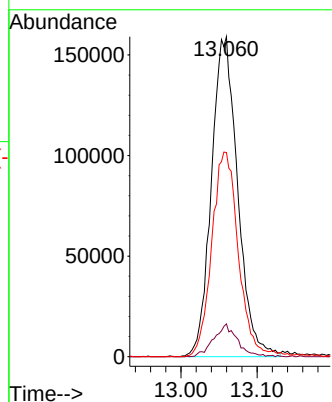
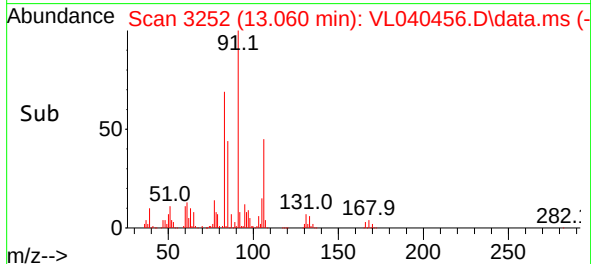
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 83 Resp: 381468
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.4 33.0 99.0

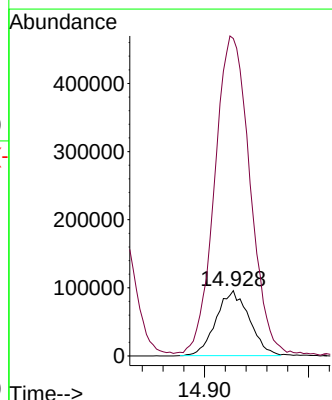
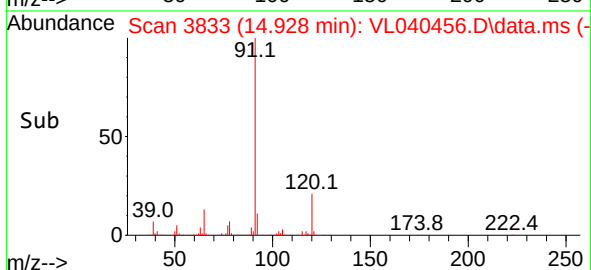
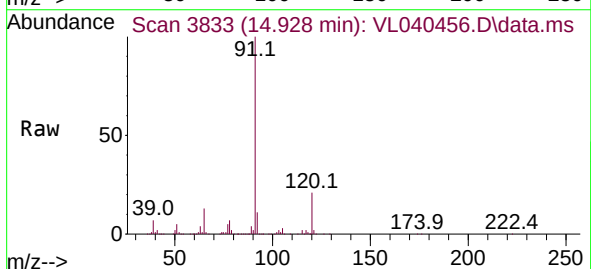
Manual Integrations
APPROVED

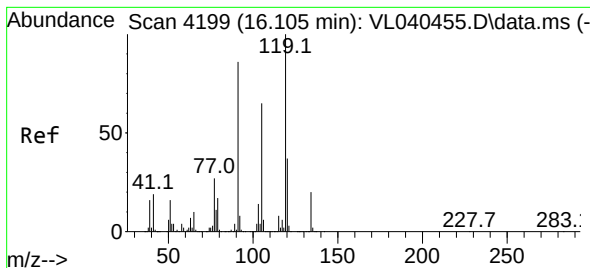
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#64
n-propylbenzene
Concen: 2.213 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

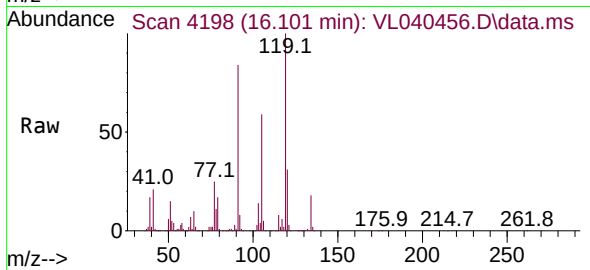
Tgt Ion:120 Resp: 210693
Ion Ratio Lower Upper
120 100
91 531.4 388.5 582.7





#65
tert-Butylbenzene
Concen: 2.193 ppbv
RT: 16.101 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

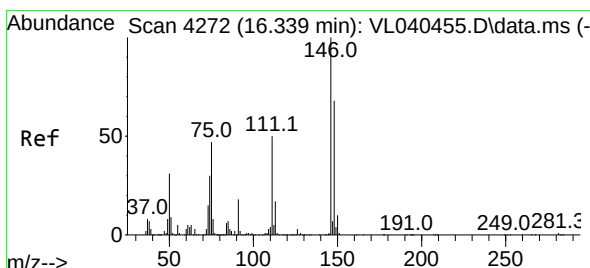
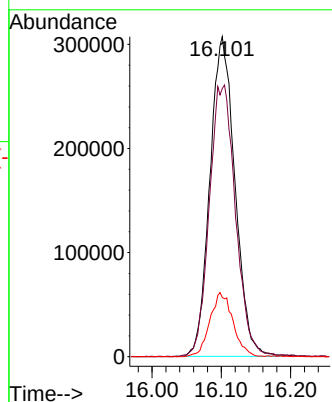
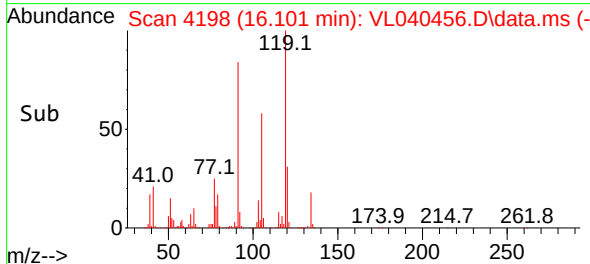
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 119 Resp: 770954
Ion Ratio Lower Upper
119 100
91 89.5 70.5 105.7
134 18.7 15.6 23.4

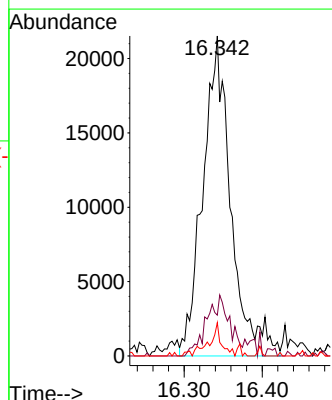
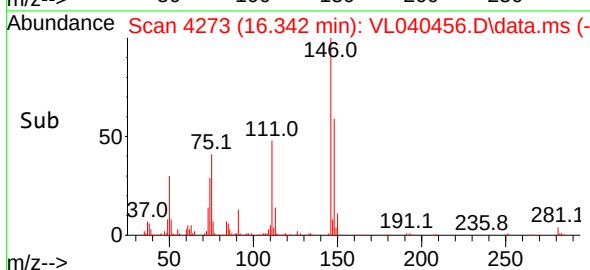
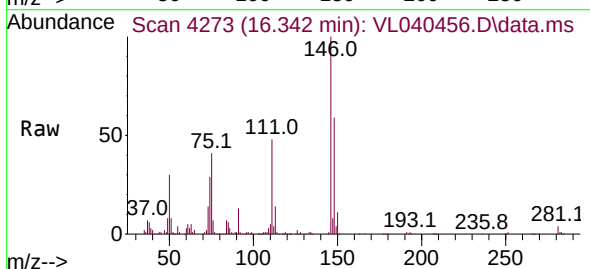
Manual Integrations
APPROVED

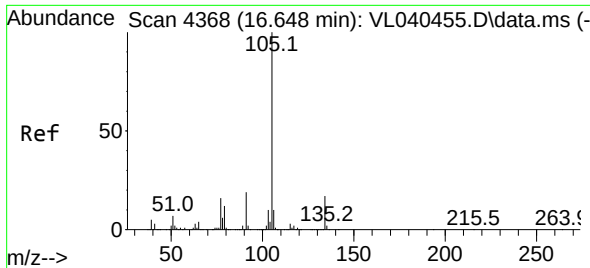
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#66
Benzyl Chloride
Concen: 2.057 ppbv m
RT: 16.342 min Scan# 4273
Delta R.T. 0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

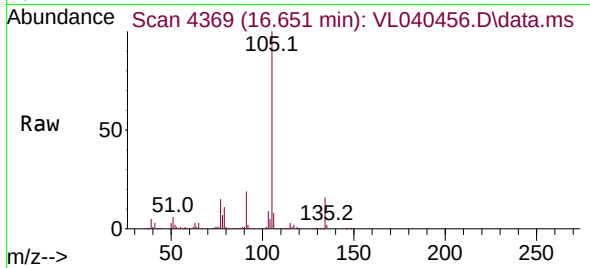
Tgt Ion: 91 Resp: 53649
Ion Ratio Lower Upper
91 100
126 0.0 13.2 19.8#
128 5.4 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 2.211 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48

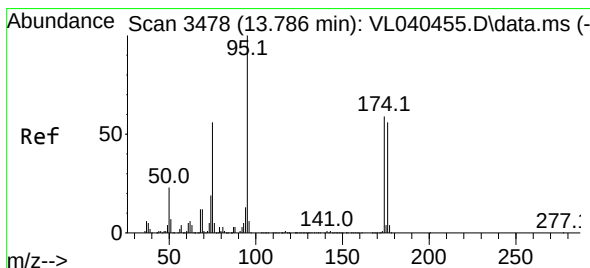
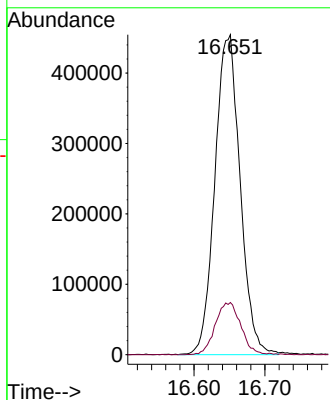
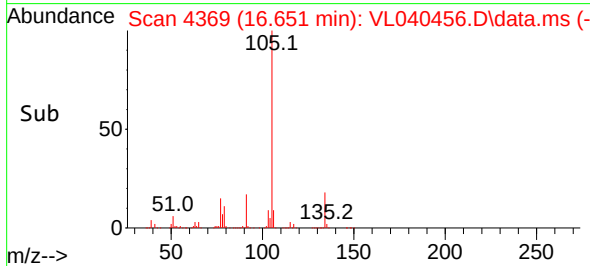
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



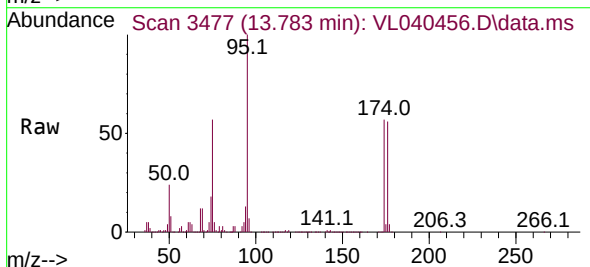
Tgt Ion:105 Resp: 1124504
 Ion Ratio Lower Upper
 105 100
 134 16.6 14.0 21.0

Manual Integrations
 APPROVED

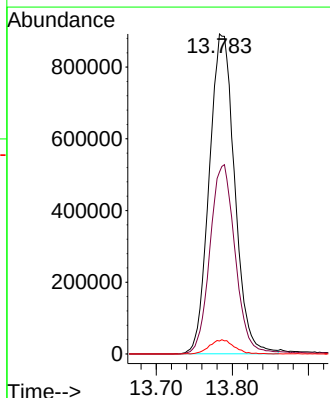
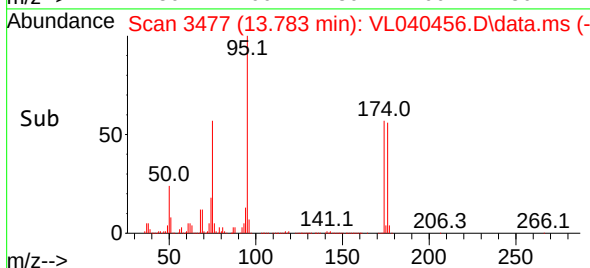
Reviewed By :Semsettin Yesilyurt 06/06/2023
 Supervised By :Mahesh Dadoda 06/06/2023

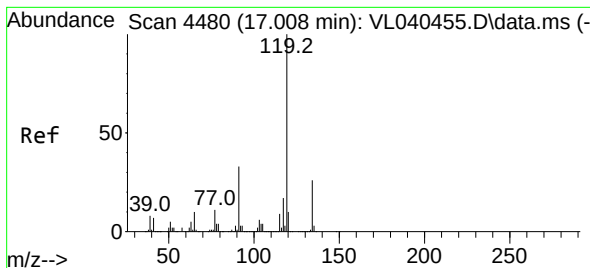


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.686 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040456.D
 Acq: 5 Jun 2023 14:48



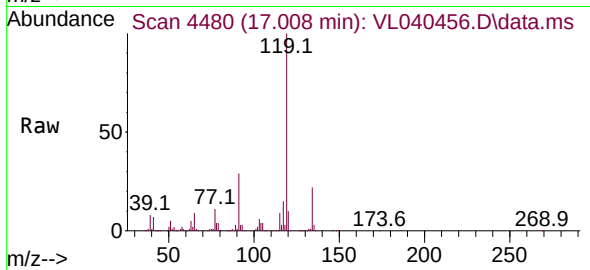
Tgt Ion: 95 Resp: 2069762
 Ion Ratio Lower Upper
 95 100
 174 59.2 47.7 71.5
 175 4.3 3.5 5.3





#69
p-Isopropyltoluene
Concen: 2.219 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

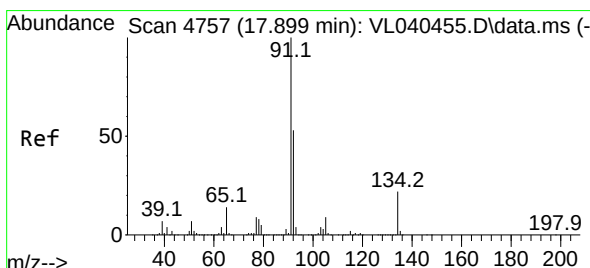
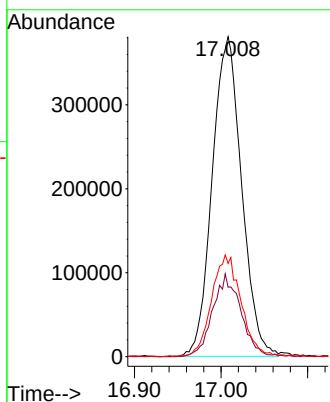
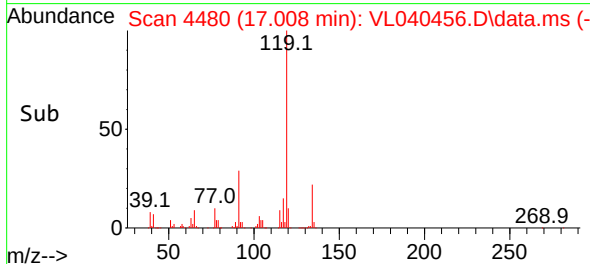
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



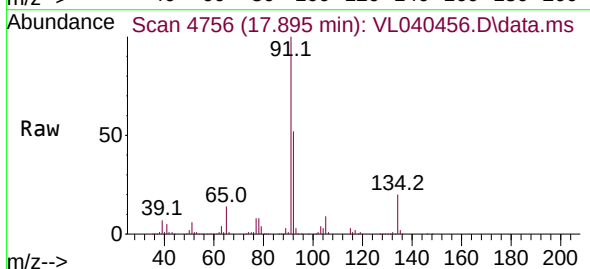
Tgt Ion:119 Resp: 896463
Ion Ratio Lower Upper
119 100
134 24.8 20.3 30.5
91 32.0 25.5 38.3

Manual Integrations
APPROVED

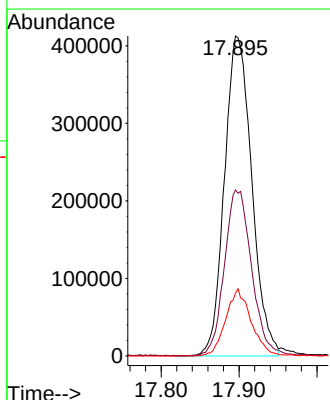
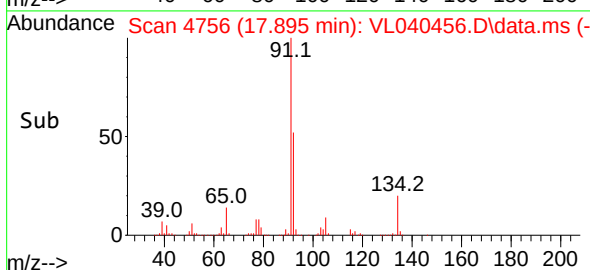
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

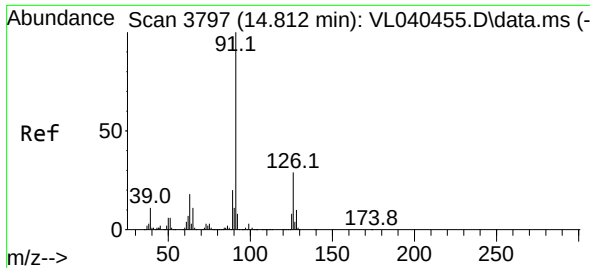


#70
n-Butylbenzene
Concen: 2.226 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. -0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



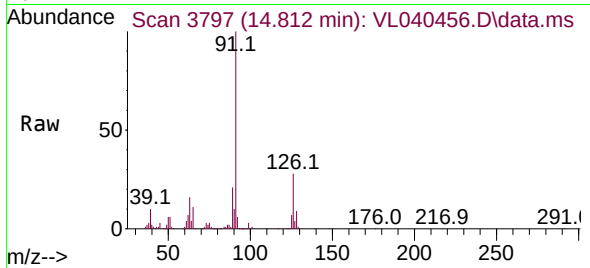
Tgt Ion: 91 Resp: 1004493
Ion Ratio Lower Upper
91 100
92 52.0 42.7 64.1
134 19.7 16.9 25.3





#71
2-Chlorotoluene
Concen: 2.179 ppbv
RT: 14.812 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

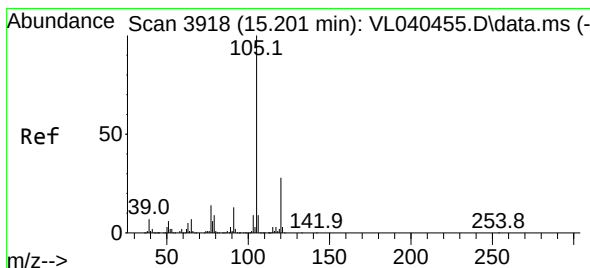
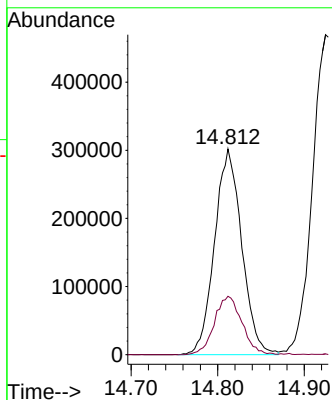
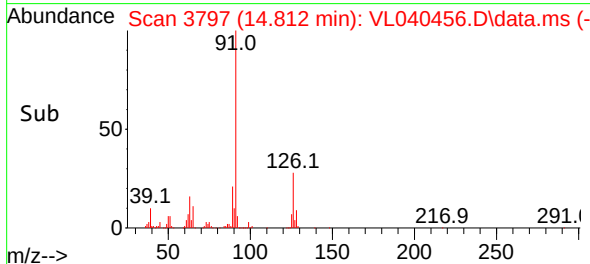
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



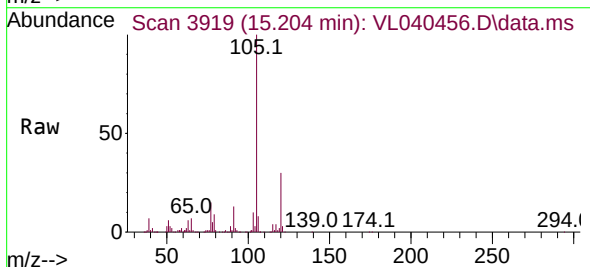
Tgt Ion: 91 Resp: 657792
Ion Ratio Lower Upper
91 100
126 29.0 12.0 48.2

Manual Integrations
APPROVED

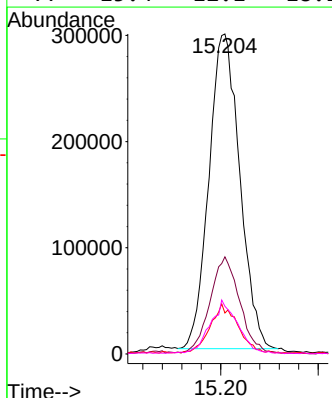
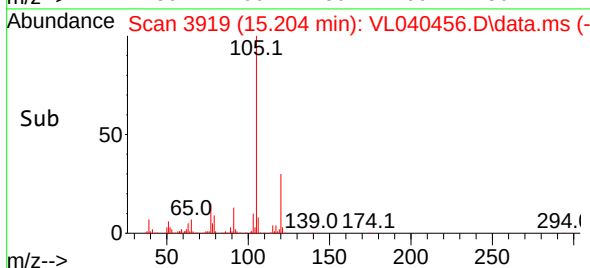
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

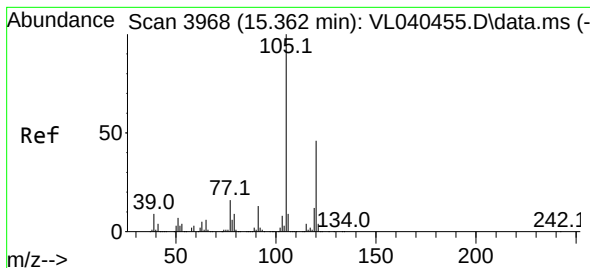


#72
4-Ethyltoluene
Concen: 2.116 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.003 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



Tgt Ion:105 Resp: 651524
Ion Ratio Lower Upper
105 100
120 30.0 23.4 35.0
91 14.3 11.1 16.7
77 15.4 12.1 18.1





#73

1,3,5-Trimethylbenzene

Concen: 2.174 ppbv

RT: 15.365 min Scan# 3968

Delta R.T. 0.003 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 59184

Ion Ratio Lower Upper

105 100

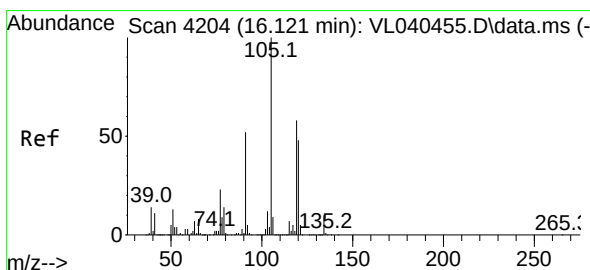
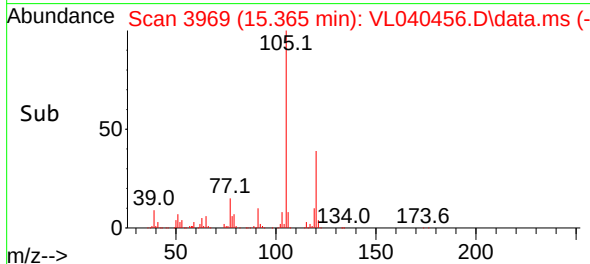
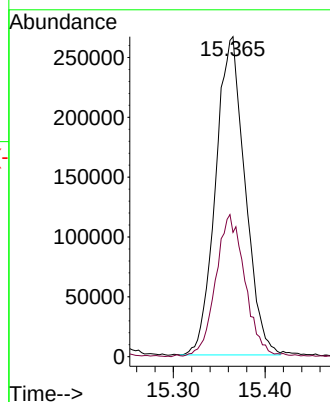
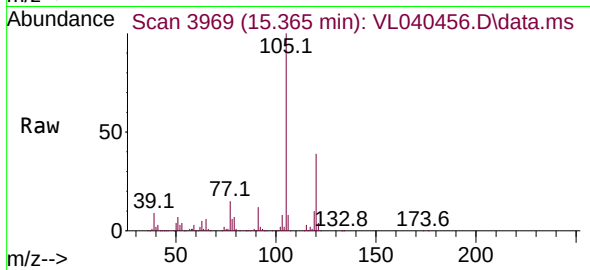
120 38.8 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023

Supervised By :Mahesh Dadoda 06/06/2023



#74

1,2,4-Trimethylbenzene

Concen: 2.162 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.006 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Tgt Ion:105 Resp: 692350

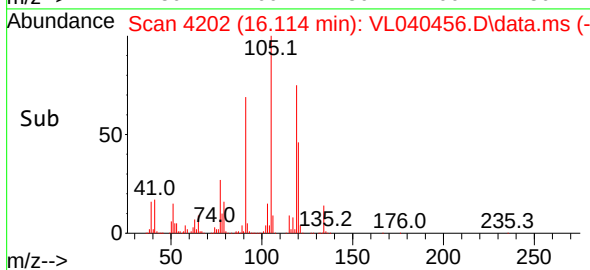
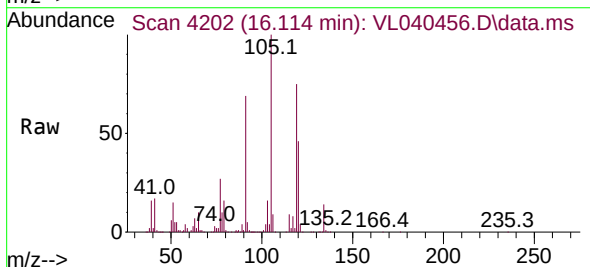
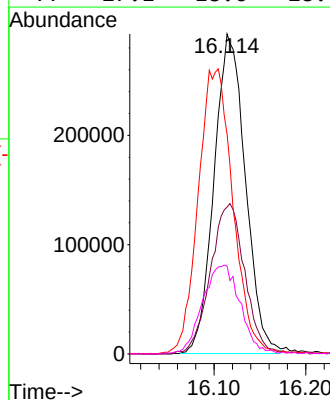
Ion Ratio Lower Upper

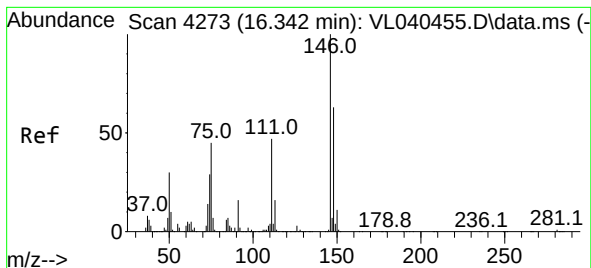
105 100

120 45.3 38.4 57.6

91 68.0 41.3 61.9#

77 27.1 18.6 28.0





#75

1,3-Dichlorobenzene

Concen: 2.123 ppbv

RT: 16.342 min Scan# 4317

Delta R.T. -0.000 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

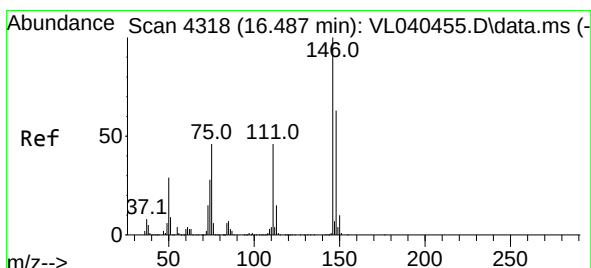
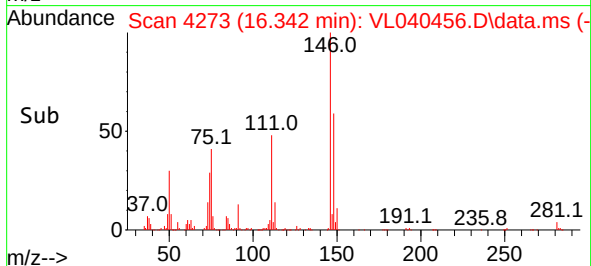
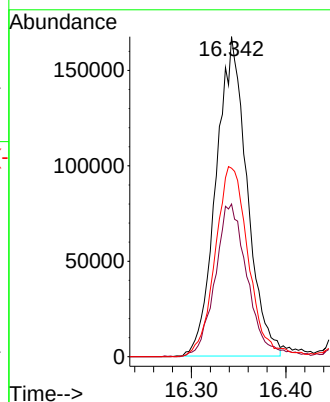
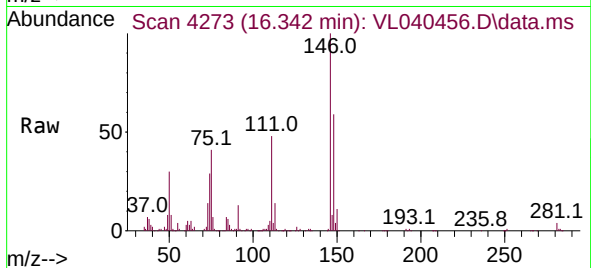
VSTDIC002

Tgt Ion:146	Resp:	380490
Ion Ratio	Lower	Upper
146	100	
111	50.1	24.6 73.8
148	64.2	32.4 97.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#76

1,4-Dichlorobenzene

Concen: 2.085 ppbv

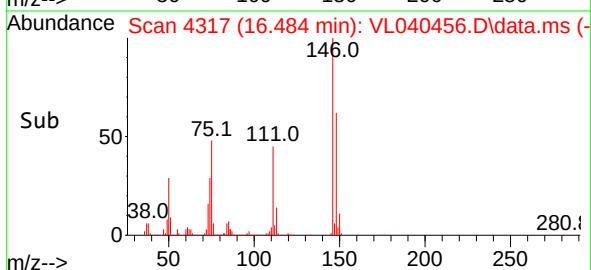
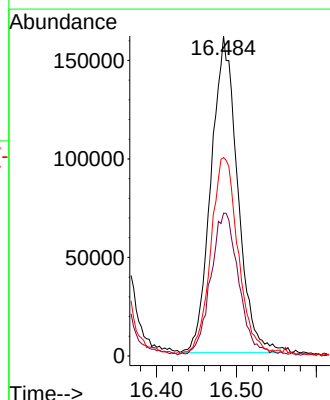
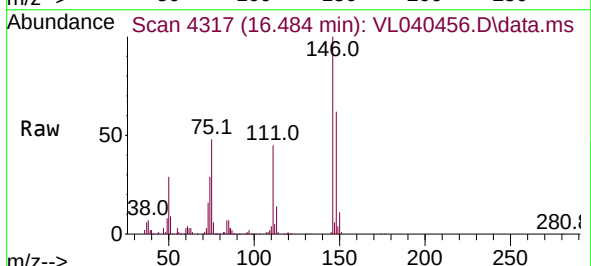
RT: 16.484 min Scan# 4317

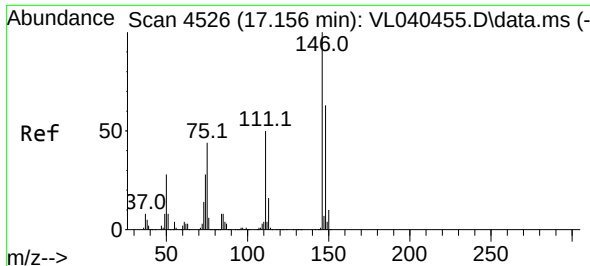
Delta R.T. -0.003 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

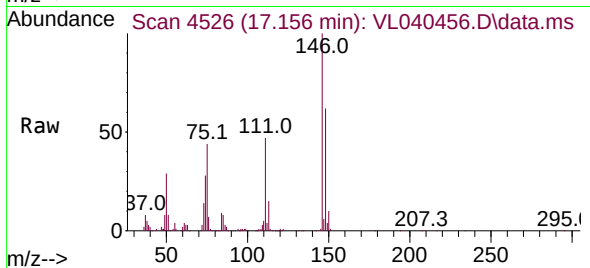
Tgt Ion:146	Resp:	370111
Ion Ratio	Lower	Upper
146	100	
111	48.0	23.8 71.5
148	65.8	32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 2.008 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

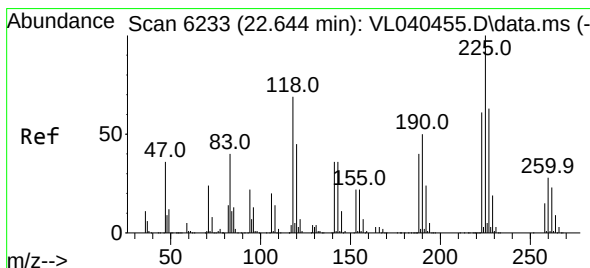
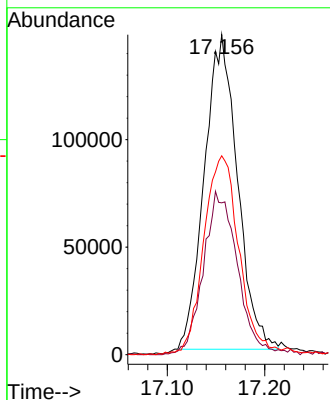
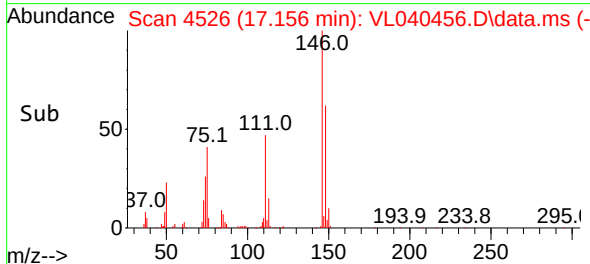
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



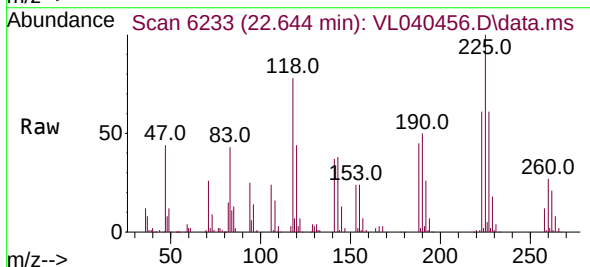
Tgt Ion:146 Resp: 34499
Ion Ratio Lower Upper
146 100
111 53.8 25.1 75.3
148 69.0 32.0 96.2

Manual Integrations
APPROVED

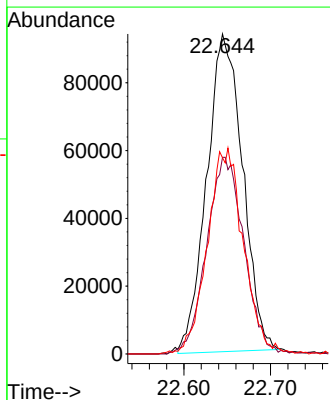
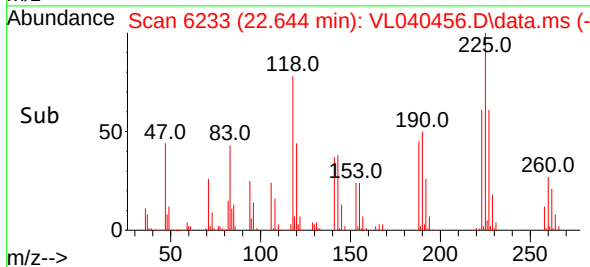
Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

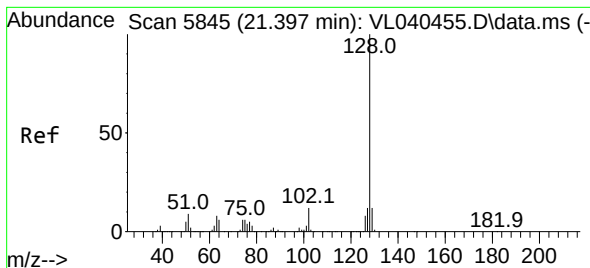


#78
Hexachloro-1,3-Butadiene
Concen: 2.052 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48



Tgt Ion:225 Resp: 269510
Ion Ratio Lower Upper
225 100
223 64.7 50.0 75.0
227 65.4 50.9 76.3





#79

Naphthalene

Concen: 2.474 ppbv m

RT: 21.400 min Scan# 5845

Delta R.T. 0.003 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

Instrument :

MSVOA_L

ClientSampleId :

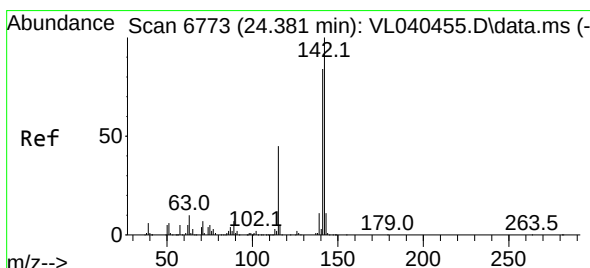
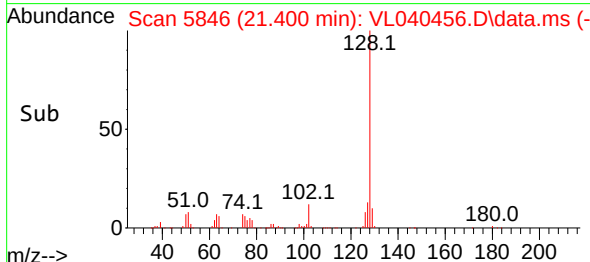
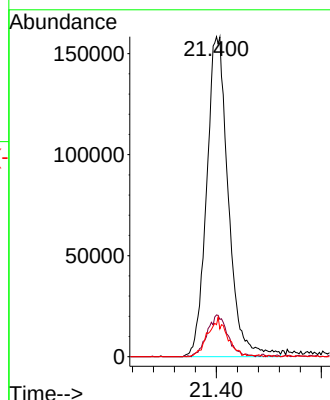
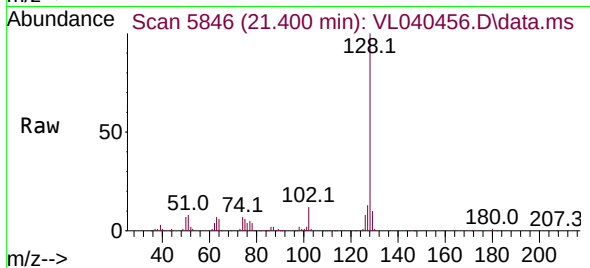
VSTDIC002

Tgt Ion:	128	Resp:	454410
Ion Ratio	Lower	Upper	
128	100		
127	13.1	9.9	14.9
129	10.0	9.2	13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023



#80

Naphthalene,2-methyl-

Concen: 2.150 ppbv m

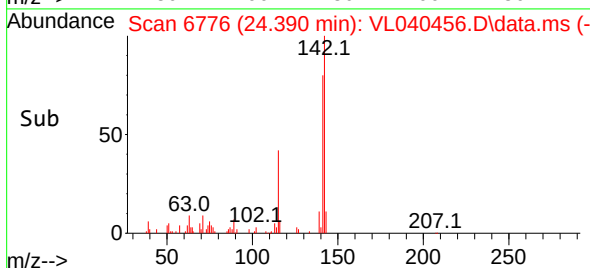
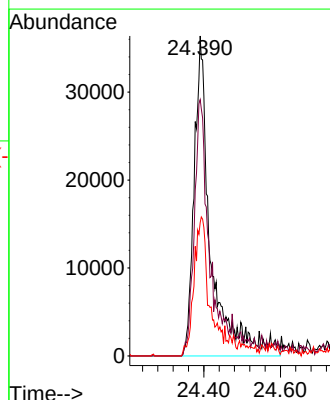
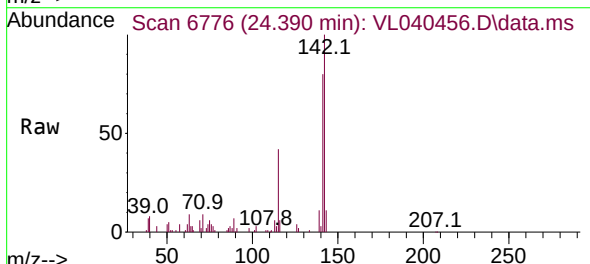
RT: 24.390 min Scan# 6776

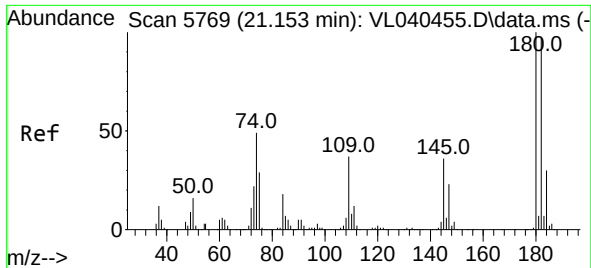
Delta R.T. 0.010 min

Lab File: VL040456.D

Acq: 5 Jun 2023 14:48

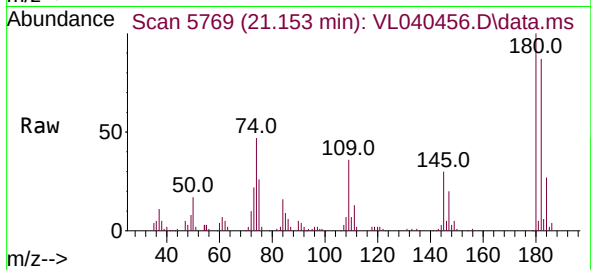
Tgt Ion:	142	Resp:	111068
Ion Ratio	Lower	Upper	
142	100		
141	74.1	65.4	98.0
115	39.6	36.6	55.0





#81
1,2,4-Trichlorobenzene
Concen: 1.151 ppbv
RT: 21.153 min Scan# 51
Delta R.T. -0.000 min
Lab File: VL040456.D
Acq: 5 Jun 2023 14:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:180 Resp: 146509
Ion Ratio Lower Upper
180 100
182 0.0 77.2 115.8
184 0.0 24.4 36.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2023
Supervised By :Mahesh Dadoda 06/06/2023

