

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
 Data File : VL040756.D
 Acq On : 11 Oct 2023 13:18
 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 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

Quant Time: Oct 11 14:02:28 2023

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

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

QLast Update : Wed Oct 11 12:36:37 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1143635	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	3150375	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2973872	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.786 95 2207296 9.607 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.761	85	205373	0.815	ppbv	96
3) Chlorodifluoromethane	2.706	51	174381	0.936	ppbv	99
4) Chloromethane	2.845	50	66654	0.934	ppbv	94
5) Vinyl Chloride	2.951	62	57828	0.686	ppbv #	87
6) Bromomethane	3.147	94	29456	0.724	ppbv	92
7) Chloroethane	3.227	64	20378	0.704	ppbv	91
8) Dichlorotetrafluoroethane	2.886	85	156001	0.750	ppbv	96
9) Propene	2.726	41	65931	1.228	ppbv	100
10) Heptane	7.597	43	160680	1.329	ppbv	100
11) Trichlorofluoromethane	3.587	101	160780	0.726	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.092	101	109644	0.692	ppbv	95
13) Ethanol	3.285	45	17146m	1.079	ppbv	
14) Bromoethene	3.391	108	47569	0.716	ppbv	93
15) Acetone	3.504	43	122876	0.815	ppbv	93
16) 1,3-Butadiene	3.015	39	55798	0.849	ppbv	84
17) tert-Butyl alcohol	3.912	59	122669	0.794	ppbv	97
18) 1,1-Dichloroethene	3.906	96	49030	0.696	ppbv	89
19) Isopropyl Alcohol	3.616	45	72373	0.796	ppbv #	42
20) Methylene Chloride	3.954	84	54561m	0.672	ppbv	
21) Allyl Chloride	4.025	41	75270	0.814	ppbv	91
22) trans-1,2-Dichloroethene	4.468	96	47329	0.680	ppbv	97
23) Vinyl Acetate	4.648	43	157556	1.010	ppbv #	95
24) 1,1-Dichloroethane	4.587	63	107260	0.735	ppbv	99
25) Ethyl Acetate	5.227	43	257952	1.060	ppbv	99
26) Hexane	5.234	57	123343	1.072	ppbv	97
27) Carbon Disulfide	4.150	76	129582	0.808	ppbv #	88
28) Methyl tert-Butyl Ether	4.619	73	90167	0.911	ppbv #	90
29) Chloroform	5.288	83	175659	0.884	ppbv	98
30) Cyclohexane	6.619	84	102146	1.179	ppbv	95
31) cis-1,2-Dichloroethene	5.099	61	111380	1.044	ppbv	97
32) 1,1,1-Trichloroethane	6.018	97	178059	0.877	ppbv	99
34) 2-Butanone	4.816	43	149172	0.942	ppbv	94
35) Carbon Tetrachloride	6.510	117	177808	0.822	ppbv	91
36) Benzene	6.388	78	249931	1.071	ppbv	94
37) 1,2-Dichloroethane	5.825	62	123400	0.773	ppbv	98
38) Trichloroethene	7.301	130	97693	1.098	ppbv	87
39) 1,2-Dichloropropane	7.089	63	92187	1.027	ppbv	92
40) 1,4-Dioxane	7.333	88	36929m	1.088	ppbv	
41) Tetrahydrofuran	5.590	42	96485	1.188	ppbv	93
42) Bromodichloromethane	7.266	83	186904	0.858	ppbv #	97
43) Methyl Methacrylate	7.491	69	94226	1.087	ppbv	95
44) 2,2,4-Trimethylpentane	7.336	57	438010m	1.179	ppbv	
45) t-1,3-Dichloropropene	8.722	75	69471	1.033	ppbv	99

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Instrument :
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 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

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

Quant Time: Oct 11 14:02:28 2023

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

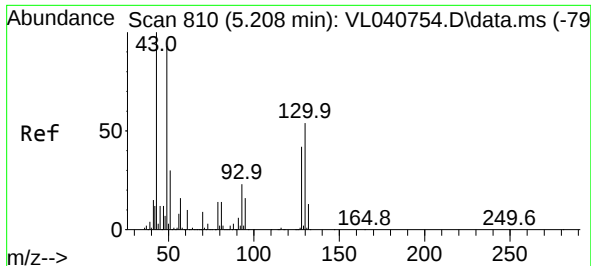
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Wed Oct 11 12:36:37 2023

Response via : Initial Calibration

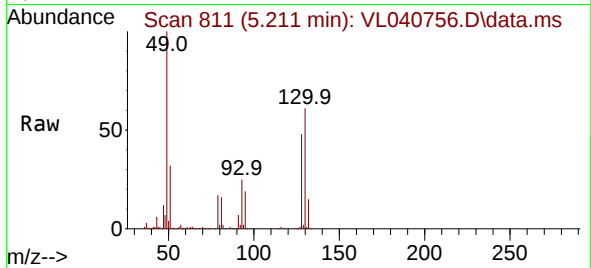
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	88506m	1.076	ppbv	
47) 1,1,2-Trichloroethane	8.912	97	100228	0.973	ppbv	93
48) Dibromochloromethane	9.719	129	168497m	0.991	ppbv	
49) Bromoform	12.417	173	129491	0.927	ppbv	98
50) 4-Methyl-2-Pentanone	8.208	43	242955	1.135	ppbv	96
51) 2-Hexanone	9.581	43	182540	1.235	ppbv #	96
52) Tetrachloroethene	10.622	164	97483	1.281	ppbv	86
53) Toluene	9.233	91	298781	1.213	ppbv	98
54) 1,2-Dibromoethane	10.021	107	141038	1.072	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.519	131	126176	0.890	ppbv #	1
57) Chlorobenzene	11.536	112	223993	0.995	ppbv #	97
58) Ethyl Benzene	12.101	91	396651m	1.170	ppbv	
59) m/p-Xylene	12.384	91	663261m	2.083	ppbv	
60) o-Xylene	13.072	91	321718m	1.060	ppbv	
61) Styrene	12.908	104	164955	1.296	ppbv	99
62) Isopropylbenzene	14.040	105	490605	1.070	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.056	83	212188	0.892	ppbv	97
64) n-propylbenzene	14.928	120	129166	1.127	ppbv	88
65) tert-Butylbenzene	16.098	119	451121	1.096	ppbv	99
66) Benzyl Chloride	16.333	91	36248m	0.755	ppbv	
67) sec-Butylbenzene	16.648	105	614232	1.043	ppbv	98
69) p-Isopropyltoluene	17.008	119	513302	1.109	ppbv	98
70) n-Butylbenzene	17.899	91	489705	0.961	ppbv	99
71) 2-Chlorotoluene	14.815	91	367505m	1.084	ppbv	
72) 4-Ethyltoluene	15.204	105	357589	1.050	ppbv	97
73) 1,3,5-Trimethylbenzene	15.359	105	322991	1.054	ppbv	99
74) 1,2,4-Trimethylbenzene	16.114	105	361805	0.968	ppbv #	92
75) 1,3-Dichlorobenzene	16.336	146	216939	1.019	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	218465m	1.043	ppbv	
77) 1,2-Dichlorobenzene	17.156	146	207258	0.977	ppbv	97
78) Hexachloro-1,3-Butadiene	22.644	225	165894	1.034	ppbv	99
79) Naphthalene	21.400	128	287577m	1.236	ppbv	
80) Naphthalene,2-methyl-	24.400	142	60093m	1.055	ppbv	
81) 1,2,4-Trichlorobenzene	21.153	180	144141	0.949	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

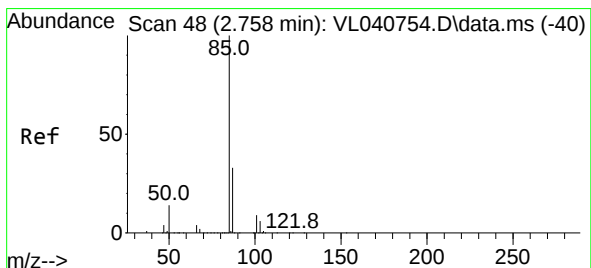
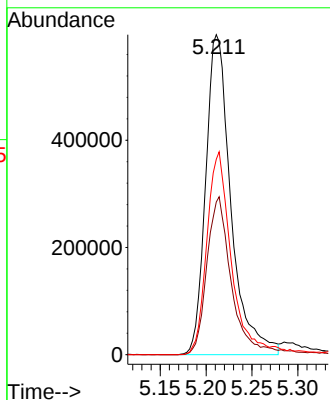
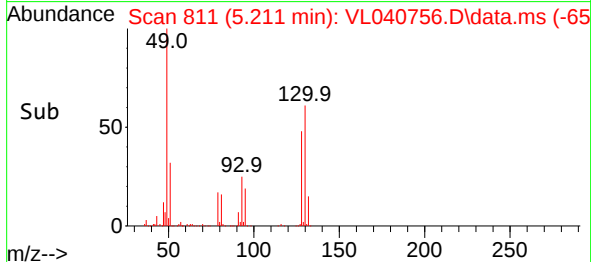
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 49 Resp: 114363
Ion Ratio Lower Upper
49 100
128 49.3 23.9 71.7
130 64.6 30.7 92.1

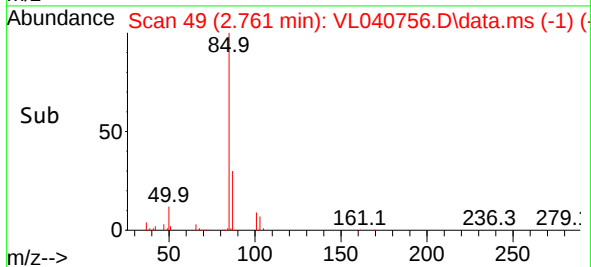
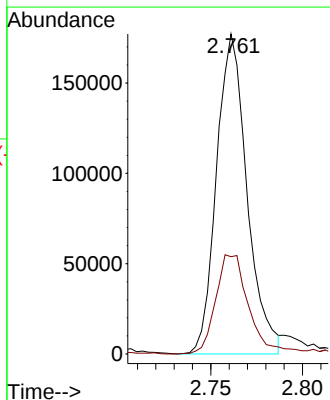
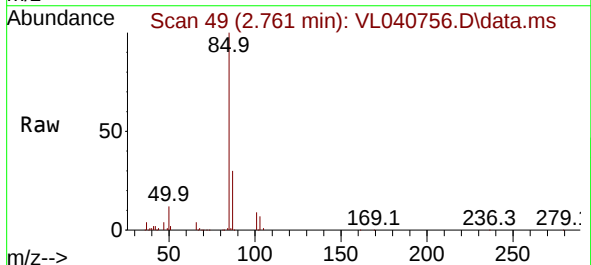
Manual Integrations
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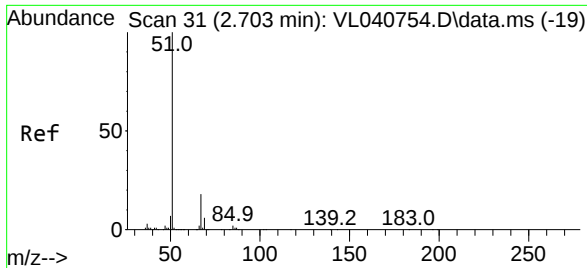
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#2
Dichlorodifluoromethane
Concen: 0.815 ppbv
RT: 2.761 min Scan# 49
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 85 Resp: 205373
Ion Ratio Lower Upper
85 100
87 30.4 26.0 39.0





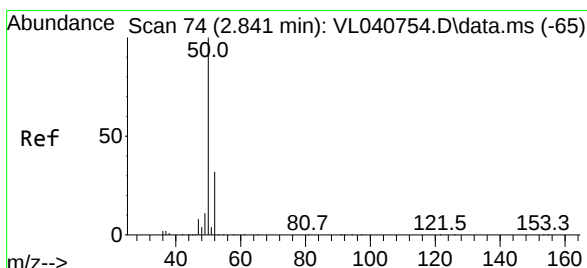
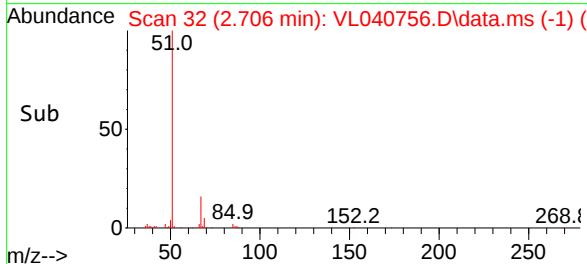
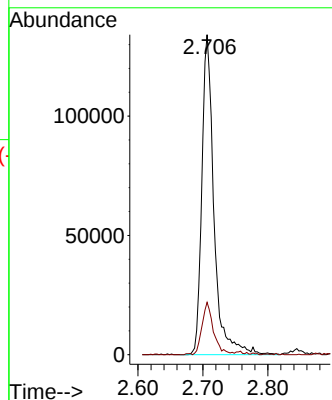
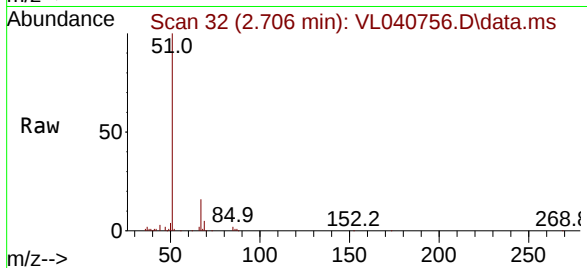
#3
Chlorodifluoromethane
Concen: 0.936 ppbv
RT: 2.706 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 51 Resp: 17438
Ion Ratio Lower Upper
51 100
67 16.7 13.8 20.6

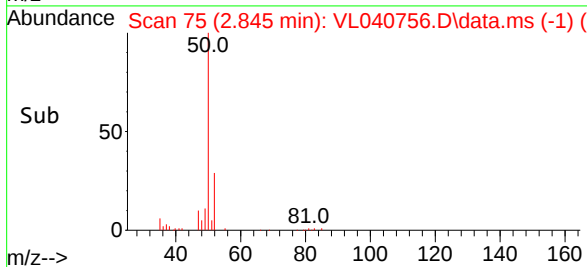
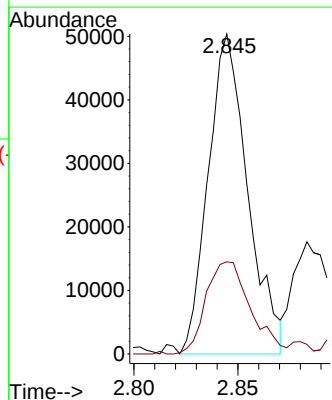
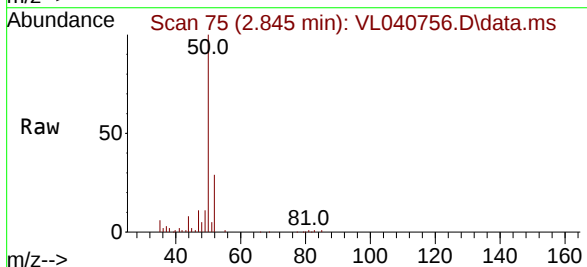
Manual Integrations
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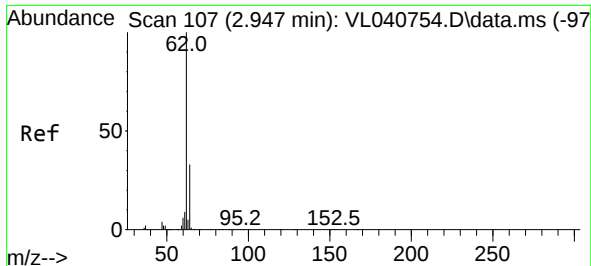
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#4
Chloromethane
Concen: 0.934 ppbv
RT: 2.845 min Scan# 75
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

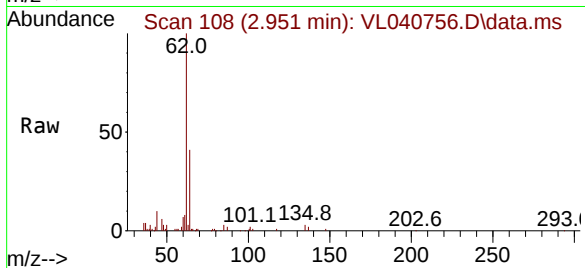
Tgt Ion: 50 Resp: 66654
Ion Ratio Lower Upper
50 100
52 28.4 25.3 37.9





#5
 Vinyl Chloride
 Concen: 0.686 ppbv
 RT: 2.951 min Scan# 107
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

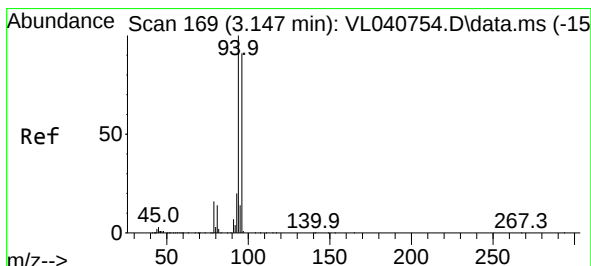
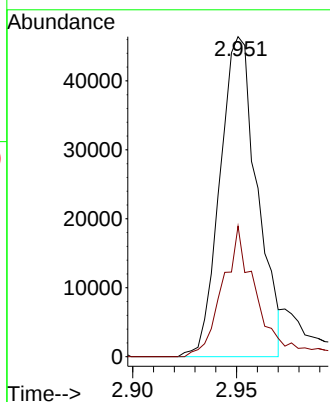
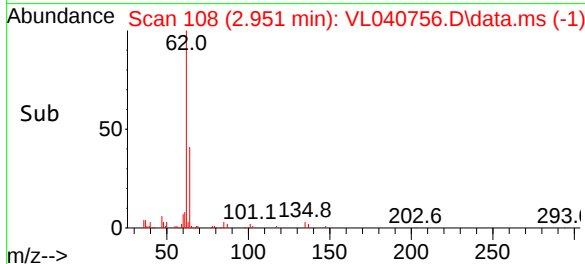
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 62 Resp: 57828
 Ion Ratio Lower Upper
 62 100
 64 40.8 26.6 39.8

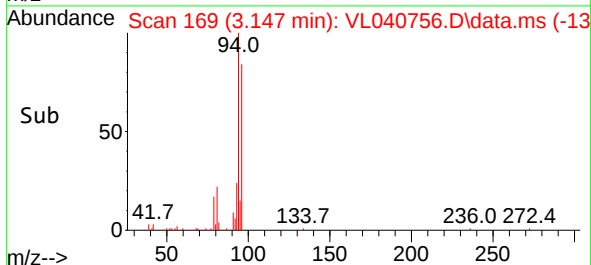
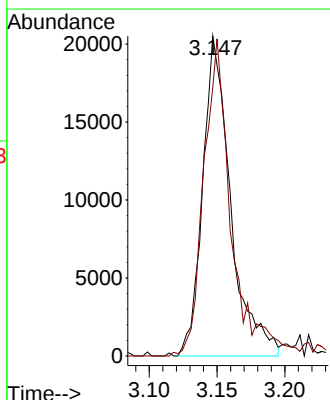
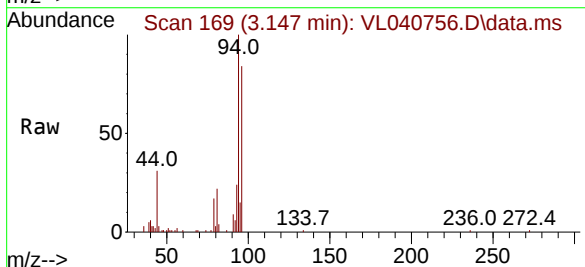
Manual Integrations
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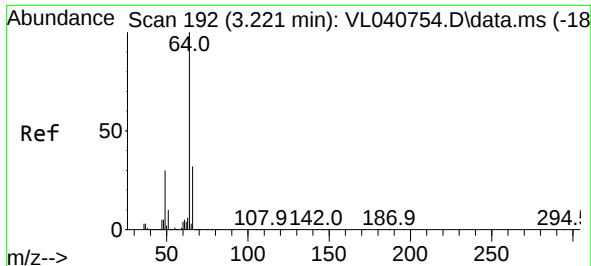
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#6
 Bromomethane
 Concen: 0.724 ppbv
 RT: 3.147 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

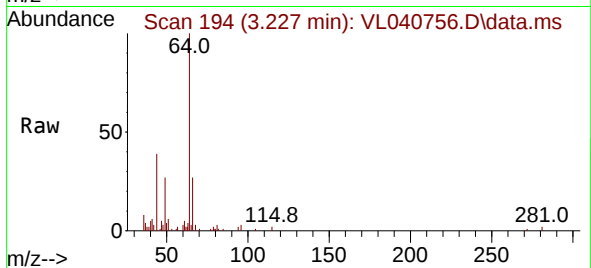
Tgt Ion: 94 Resp: 29456
 Ion Ratio Lower Upper
 94 100
 96 83.1 72.6 109.0





#7
Chloroethane
Concen: 0.704 ppbv
RT: 3.227 min Scan# 192
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

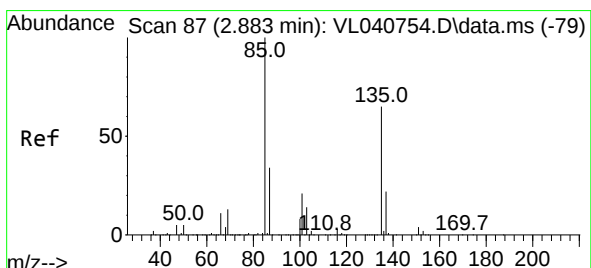
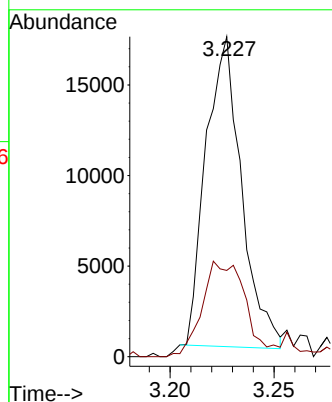
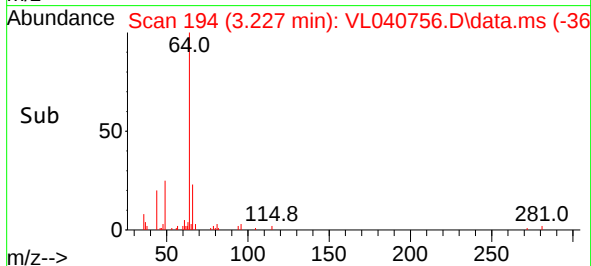
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 64 Resp: 20378
Ion Ratio Lower Upper
64 100
66 26.9 25.4 38.2

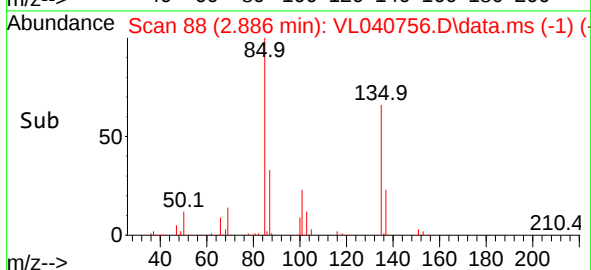
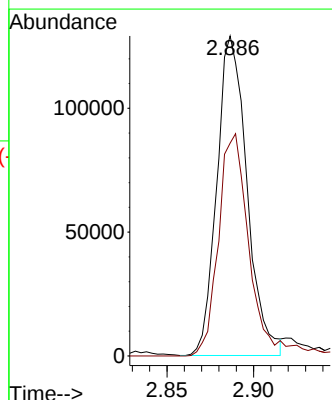
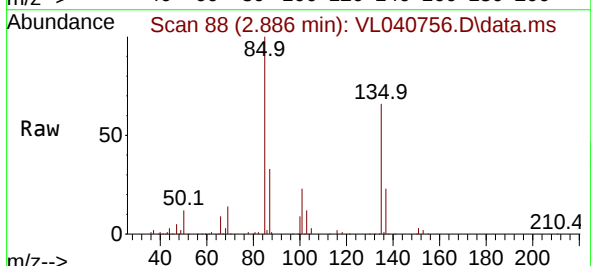
Manual Integrations
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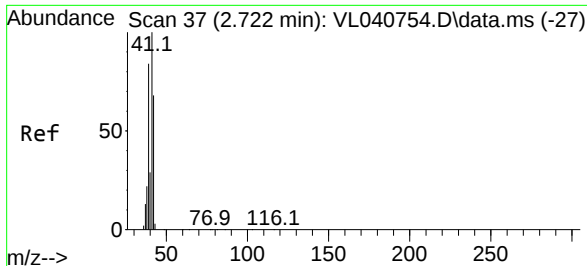
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#8
Dichlorotetrafluoroethane
Concen: 0.750 ppbv
RT: 2.886 min Scan# 88
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

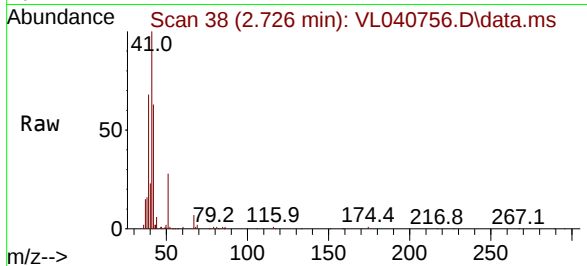
Tgt Ion: 85 Resp: 156001
Ion Ratio Lower Upper
85 100
135 72.6 55.4 83.2





#9
 Propene
 Concen: 1.228 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

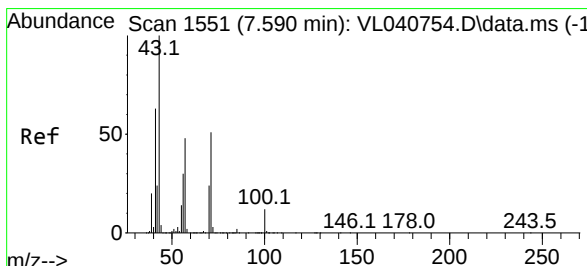
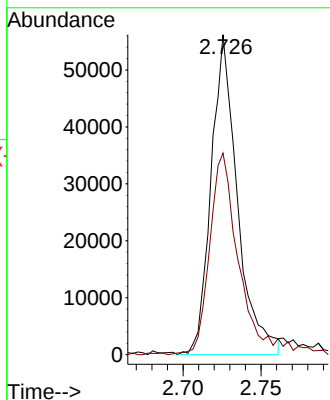
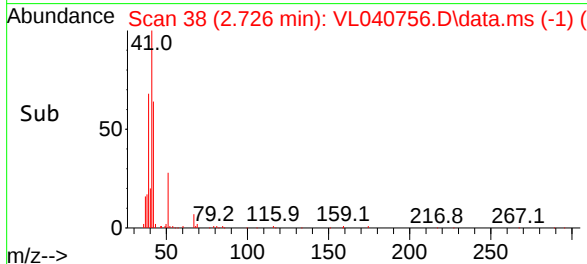
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 6593
 Ion Ratio Lower Upper
 41 100
 42 71.4 57.1 85.7

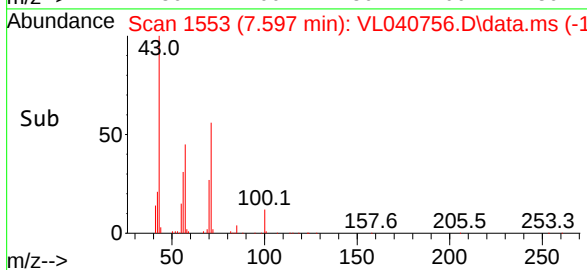
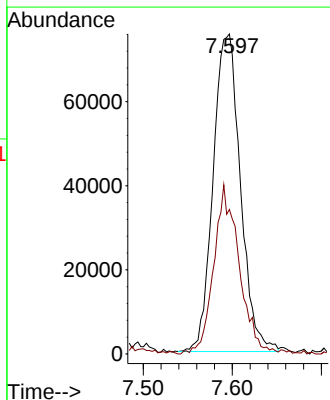
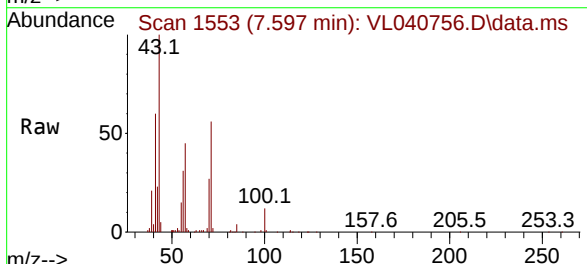
Manual Integrations
 APPROVED

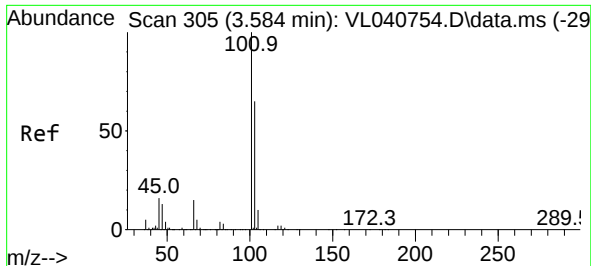
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#10
 Heptane
 Concen: 1.329 ppbv
 RT: 7.597 min Scan# 1553
 Delta R.T. 0.006 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

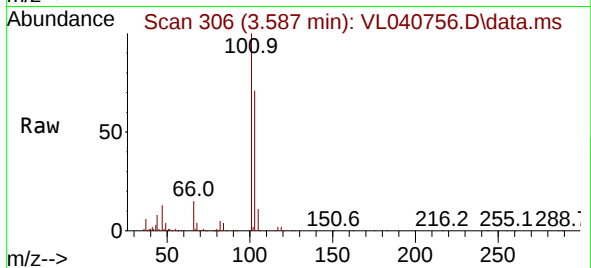
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 Ion Ratio Lower Upper
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 57 50.2 40.0 60.0





#11
Trichlorofluoromethane
Concen: 0.726 ppbv
RT: 3.587 min Scan# 305
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

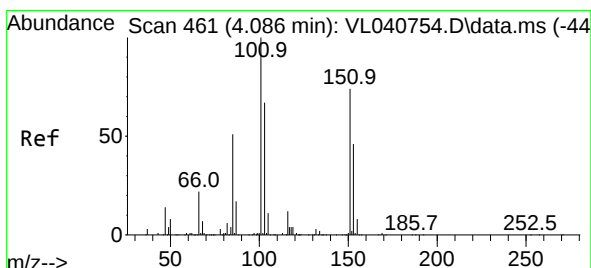
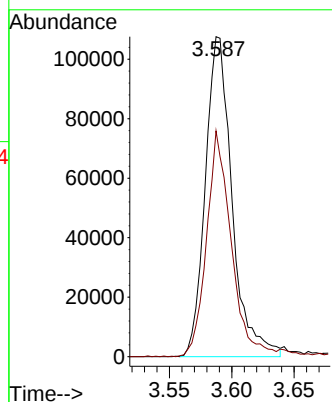
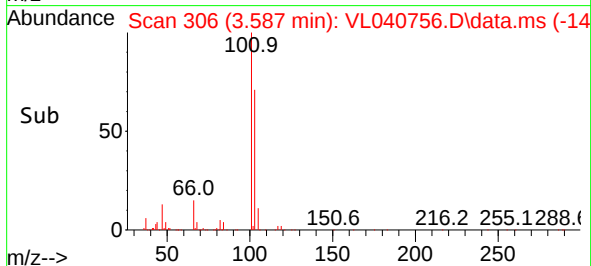
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion:101 Resp: 160780
Ion Ratio Lower Upper
101 100
103 70.3 52.2 78.2

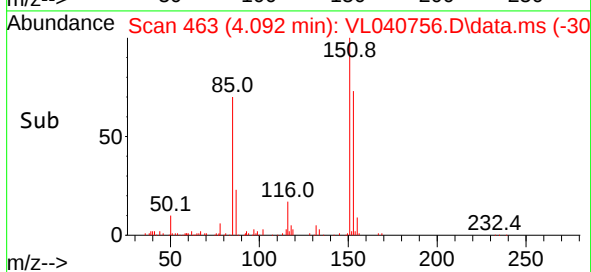
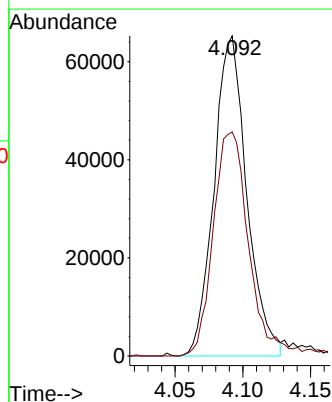
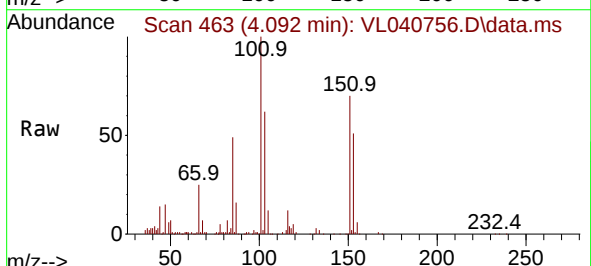
Manual Integrations
APPROVED

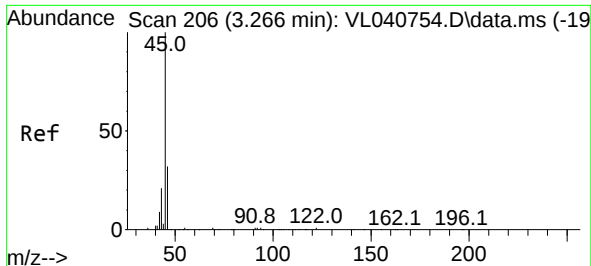
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.692 ppbv
RT: 4.092 min Scan# 463
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:101 Resp: 109644
Ion Ratio Lower Upper
101 100
151 77.0 58.1 87.1





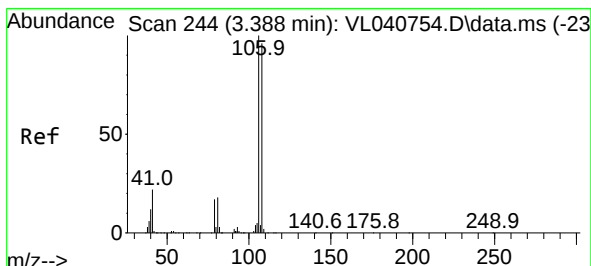
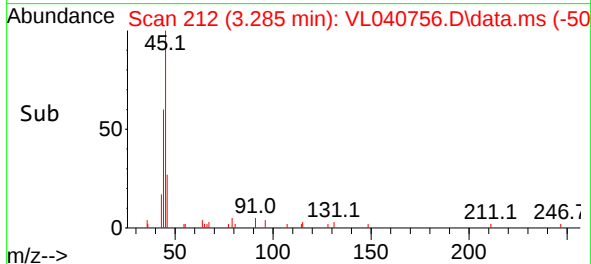
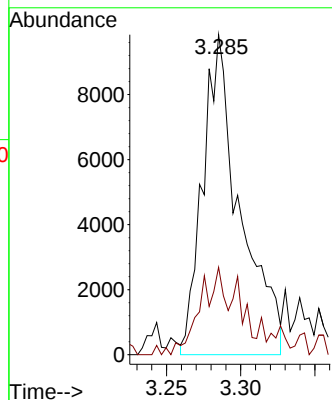
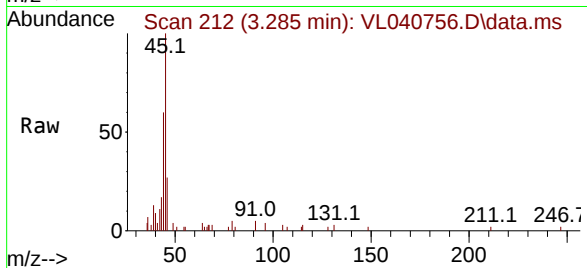
#13
Ethanol
Concen: 1.079 ppbv m
RT: 3.285 min Scan# 212
Delta R.T. 0.019 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 45 Resp: 17140
Ion Ratio Lower Upper
45 100
46 33.7 14.6 58.2

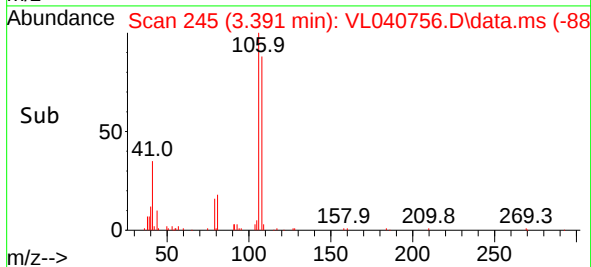
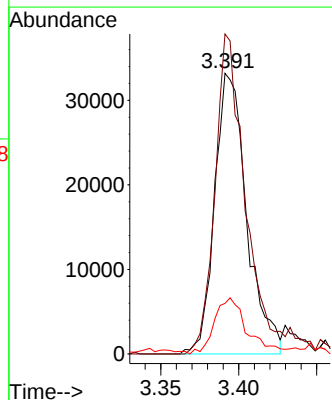
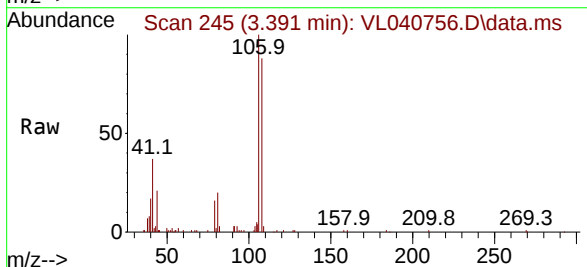
Manual Integrations
APPROVED

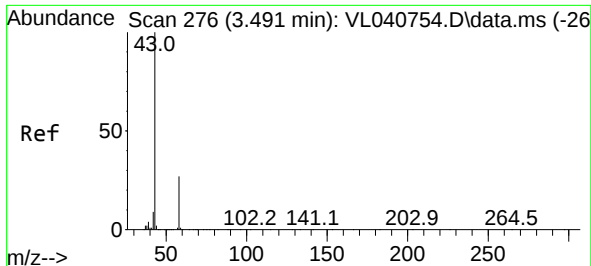
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#14
Bromoethene
Concen: 0.716 ppbv
RT: 3.391 min Scan# 245
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:108 Resp: 47569
Ion Ratio Lower Upper
108 100
106 113.3 85.2 127.8
79 22.7 15.7 23.5





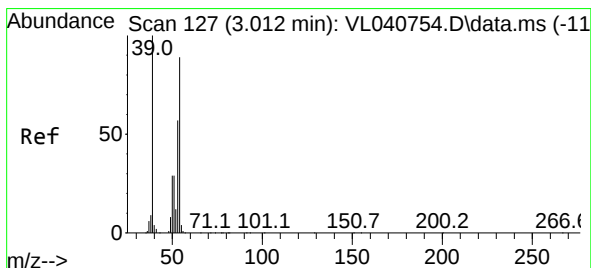
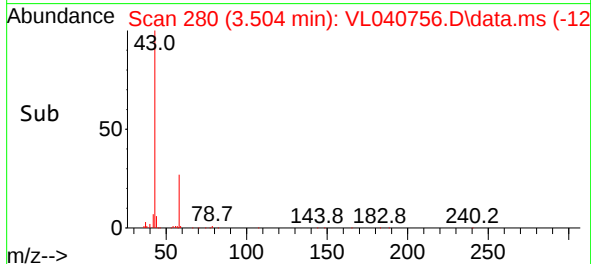
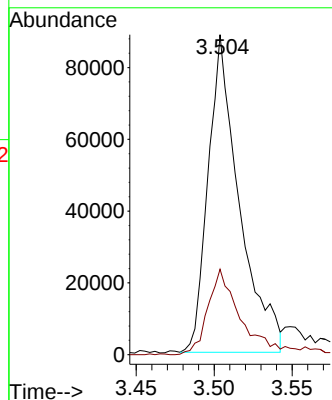
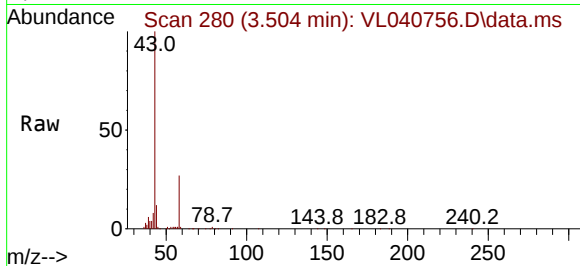
#15
Acetone
Concen: 0.815 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 122870
Ion Ratio Lower Upper
43 100
58 30.6 21.6 32.4

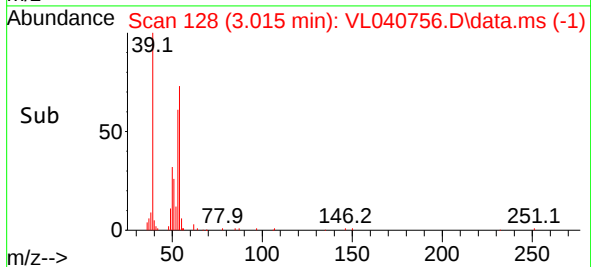
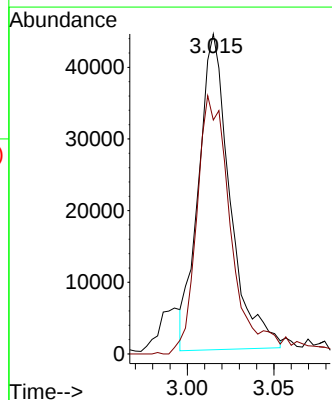
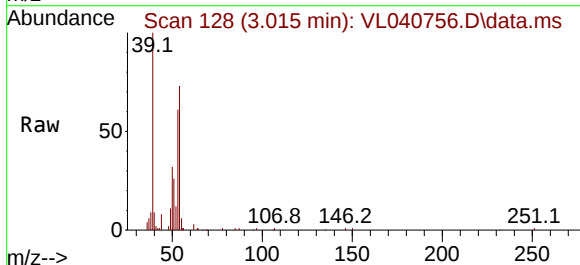
Manual Integrations
APPROVED

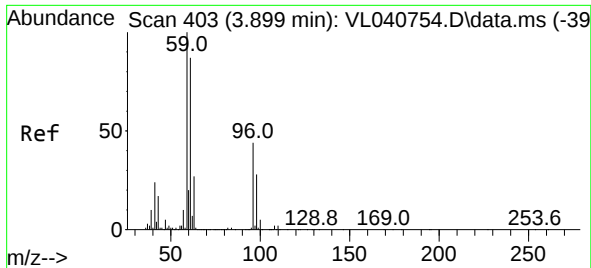
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#16
1,3-Butadiene
Concen: 0.849 ppbv
RT: 3.015 min Scan# 128
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 39 Resp: 55798
Ion Ratio Lower Upper
39 100
54 92.8 63.0 94.6





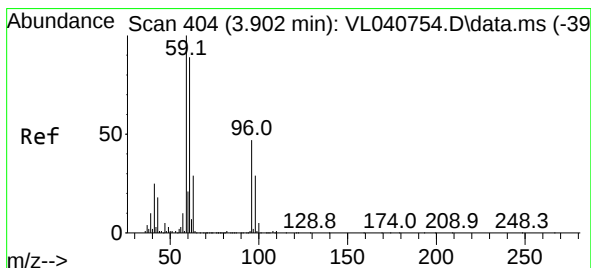
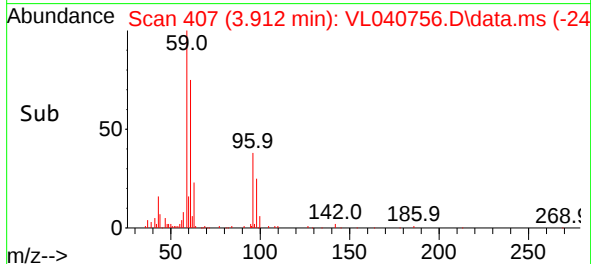
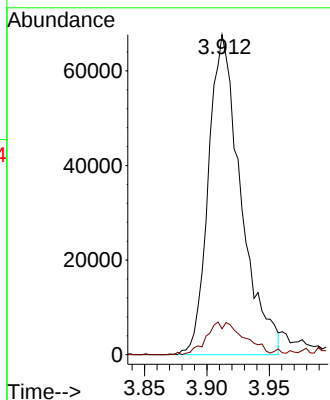
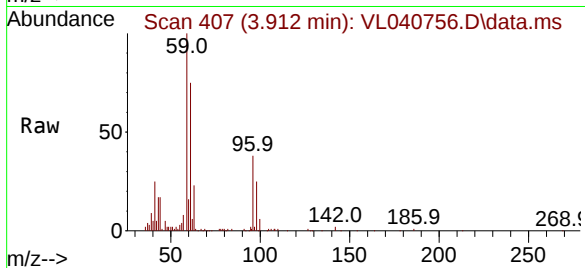
#17
tert-Butyl alcohol
Concen: 0.794 ppbv
RT: 3.912 min Scan# 407
Delta R.T. 0.013 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
Client Sample Id :
VSTDIC001

Tgt Ion: 59 Resp: 122669
Ion Ratio Lower Upper
59 100
57 12.1 8.6 13.0

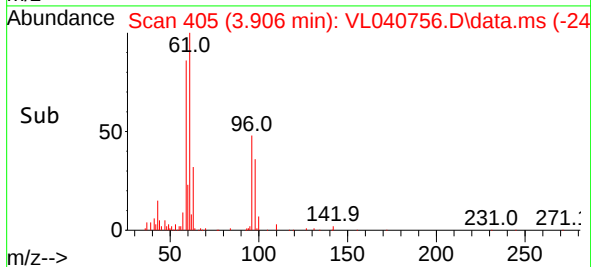
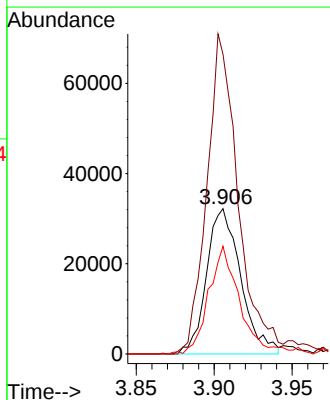
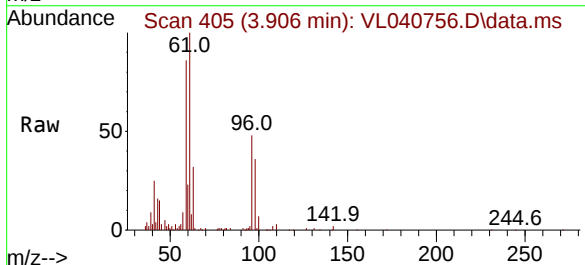
Manual Integrations
APPROVED

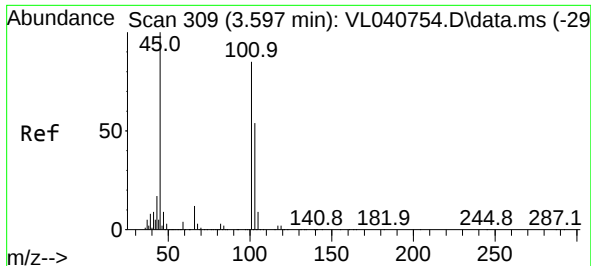
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#18
1,1-Dichloroethene
Concen: 0.696 ppbv
RT: 3.906 min Scan# 405
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

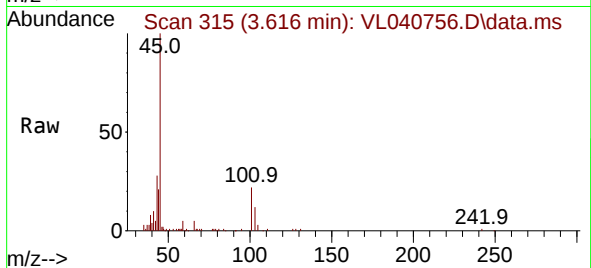
Tgt Ion: 96 Resp: 49030
Ion Ratio Lower Upper
96 100
61 204.4 152.5 228.7
98 72.7 49.6 74.4





#19
Isopropyl Alcohol
Concen: 0.796 ppbv
RT: 3.616 min Scan# 315
Delta R.T. 0.019 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

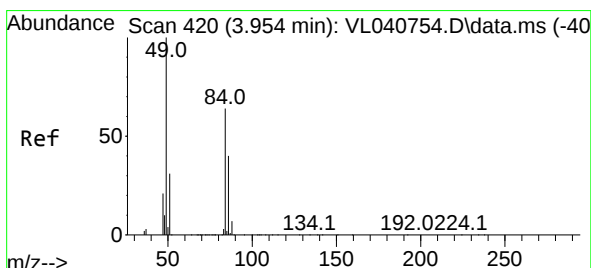
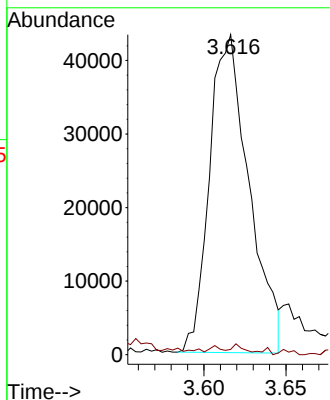
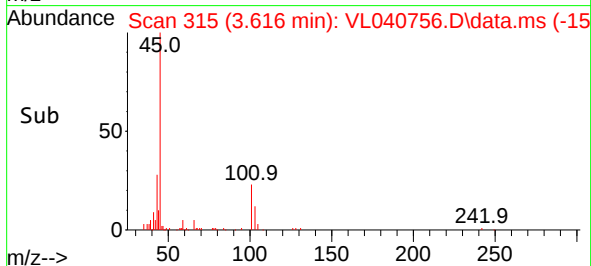
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 45 Resp: 7237
Ion Ratio Lower Upper
45 100
58 2.9 30.3 45.5

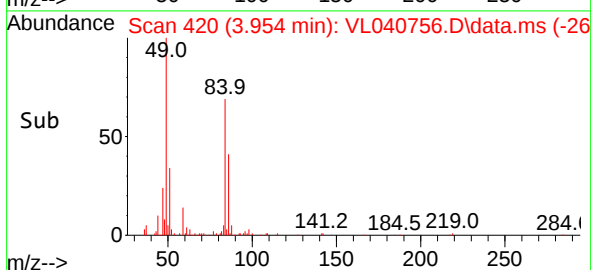
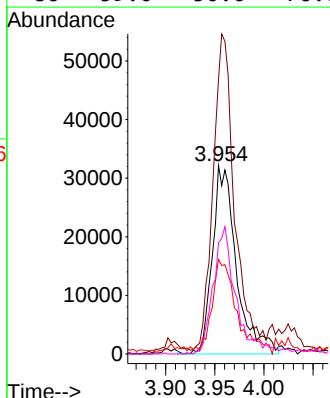
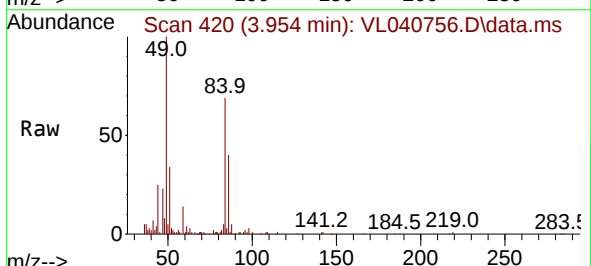
Manual Integrations
APPROVED

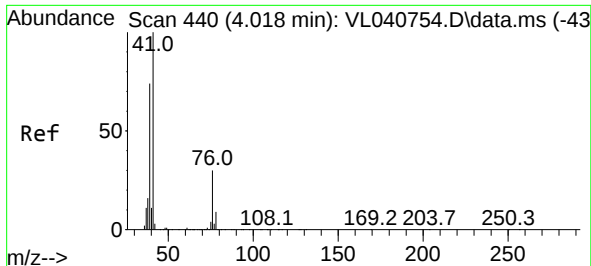
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#20
Methylene Chloride
Concen: 0.672 ppbv m
RT: 3.954 min Scan# 420
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

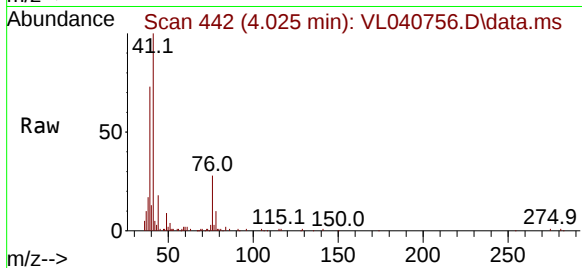
Tgt Ion: 84 Resp: 54561
Ion Ratio Lower Upper
84 100
49 145.9 125.6 188.4
51 50.2 38.9 58.3
86 59.0 50.6 76.0





#21
 Allyl Chloride
 Concen: 0.814 ppbv
 RT: 4.025 min Scan# 44
 Delta R.T. 0.006 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

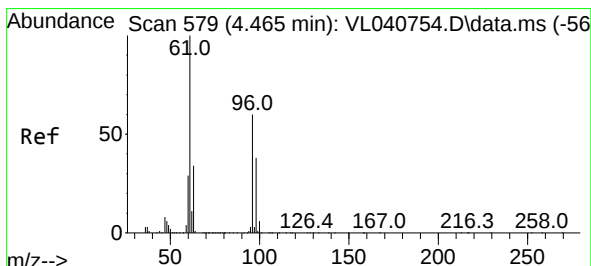
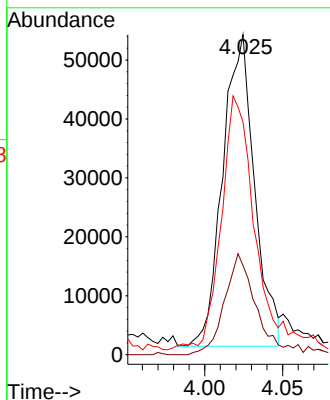
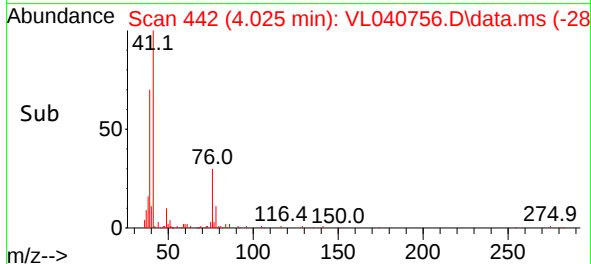
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 41 Resp: 75270
 Ion Ratio Lower Upper
 41 100
 76 33.6 24.1 36.1
 39 88.6 63.8 95.6

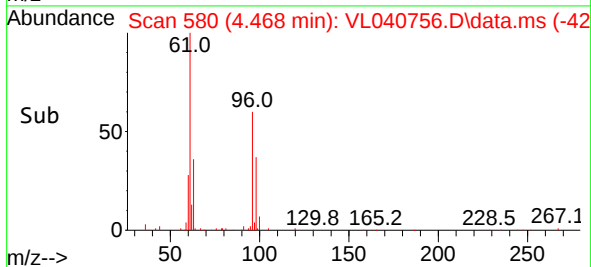
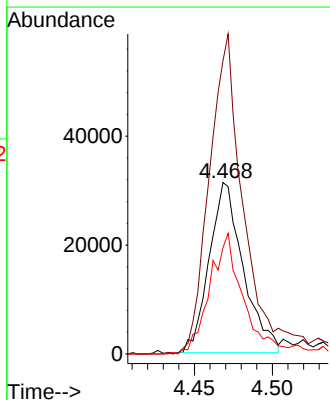
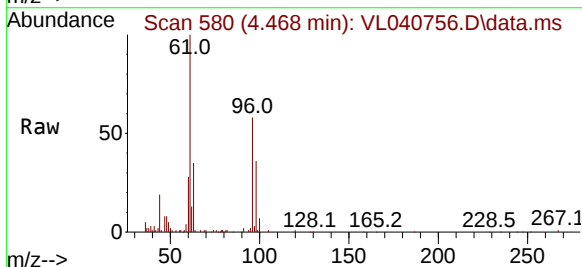
Manual Integrations
 APPROVED

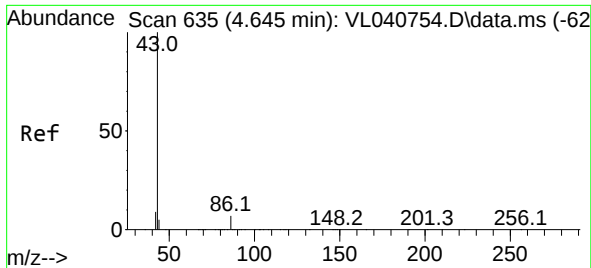
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.680 ppbv
 RT: 4.468 min Scan# 580
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 96 Resp: 47329
 Ion Ratio Lower Upper
 96 100
 61 171.8 134.0 201.0
 98 62.4 51.0 76.4





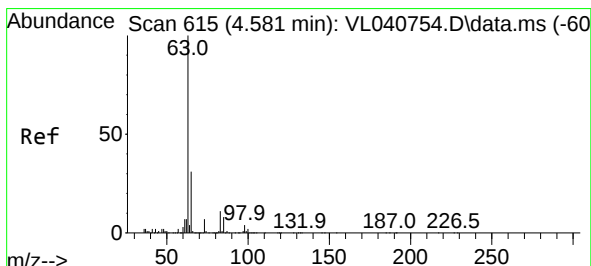
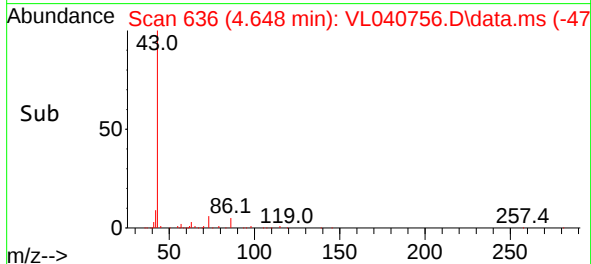
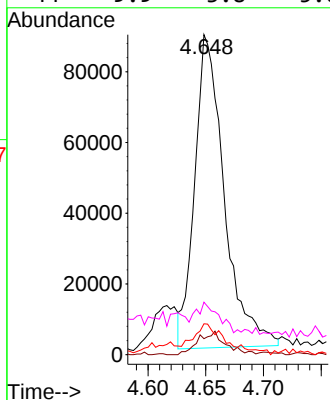
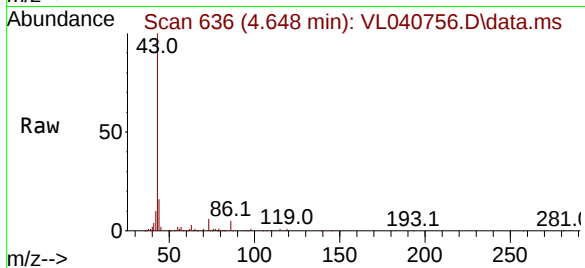
#23
 Vinyl Acetate
 Concen: 1.010 ppbv
 RT: 4.648 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 157550
 Ion Ratio Lower Upper
 43 100
 86 5.2 4.9 7.3
 42 9.5 7.8 11.6
 44 9.9 3.8 5.6#

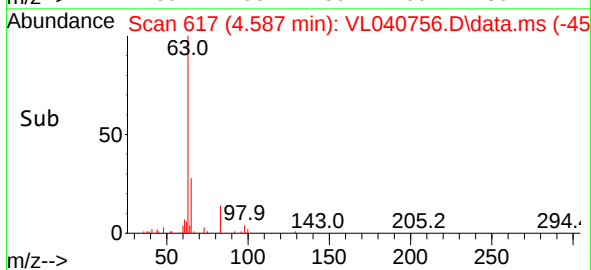
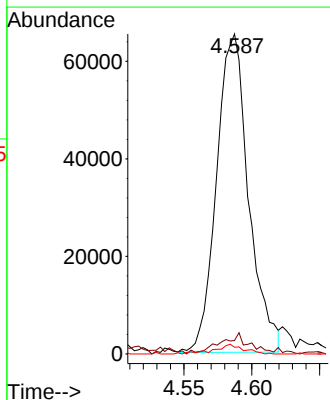
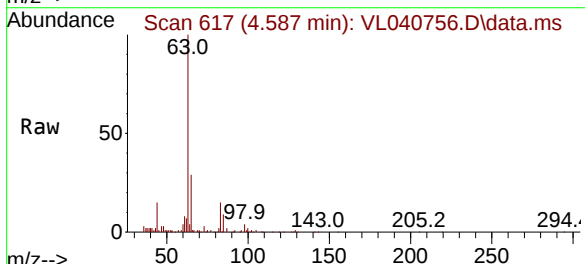
Manual Integrations
 APPROVED

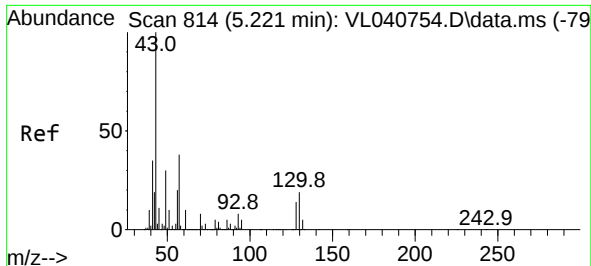
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#24
 1,1-Dichloroethane
 Concen: 0.735 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.006 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 63 Resp: 107260
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.0 5.8
 100 2.1 1.3 3.8





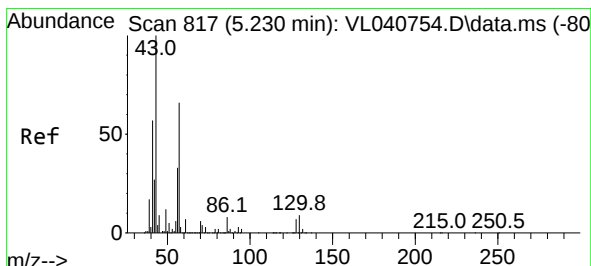
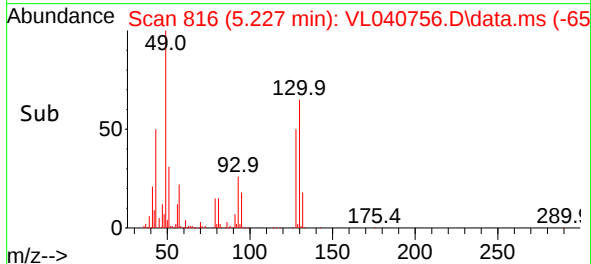
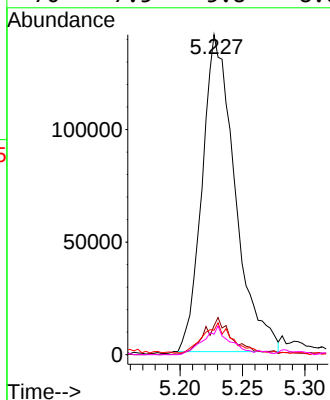
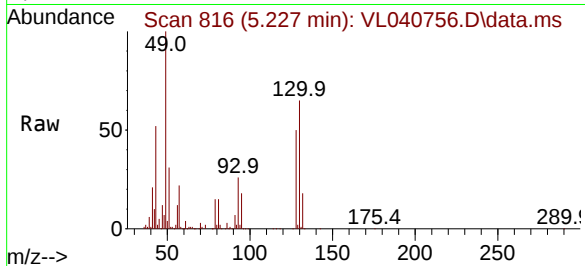
#25
Ethyl Acetate
Concen: 1.060 ppbv
RT: 5.227 min Scan# 815
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 257952
Ion Ratio Lower Upper
43 100
45 11.0 8.2 12.4
61 10.7 8.2 12.2
70 7.5 5.8 8.6

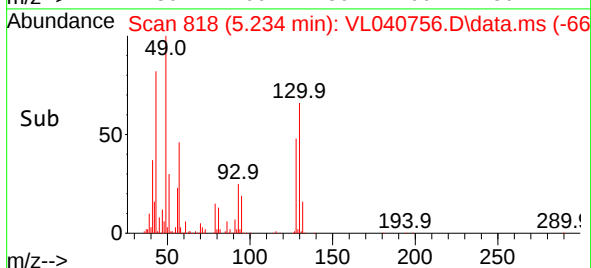
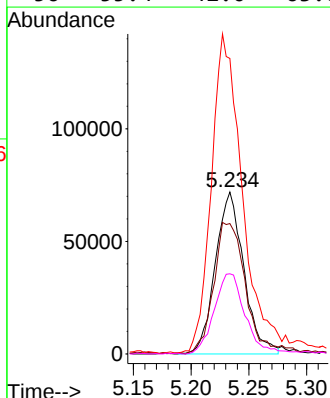
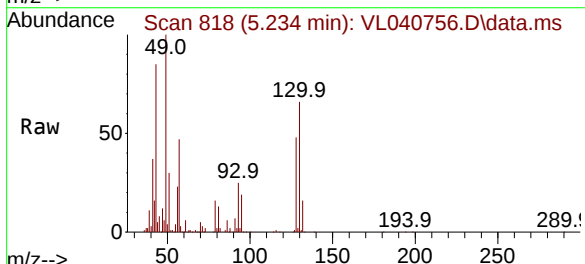
Manual Integrations
APPROVED

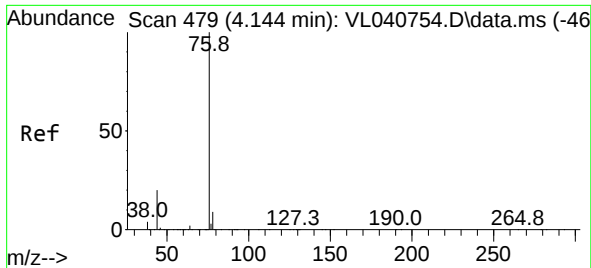
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#26
Hexane
Concen: 1.072 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

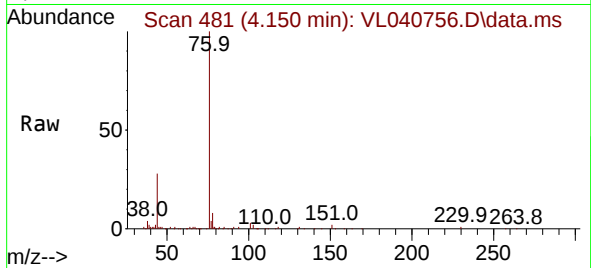
Tgt Ion: 57 Resp: 123343
Ion Ratio Lower Upper
57 100
41 93.3 71.4 107.2
43 224.2 182.3 273.5
56 55.4 42.0 63.0





#27
Carbon Disulfide
Concen: 0.808 ppbv
RT: 4.150 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

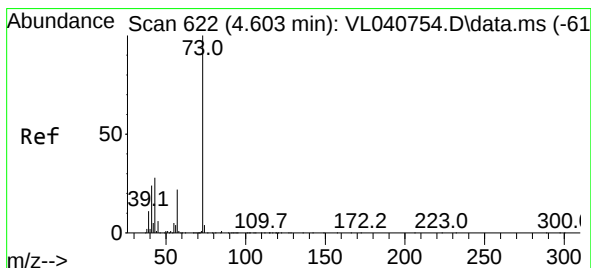
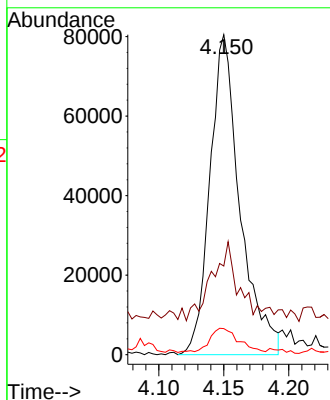
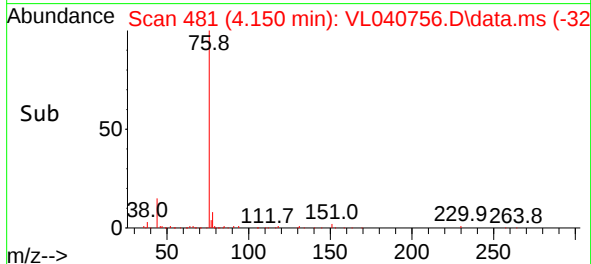
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 76 Resp: 12958
Ion Ratio Lower Upper
76 100
44 27.7 16.6 25.0
78 12.3 7.8 11.6

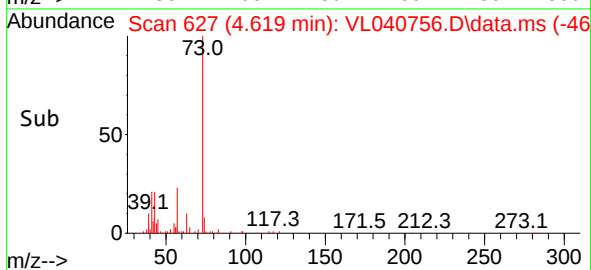
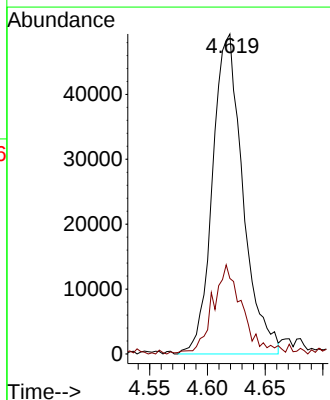
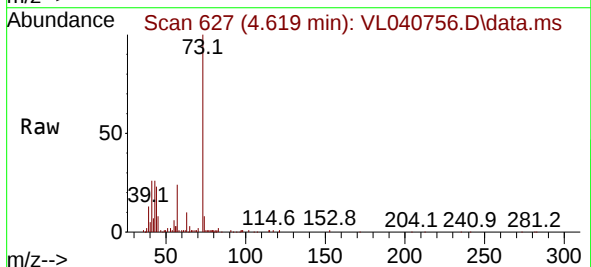
Manual Integrations
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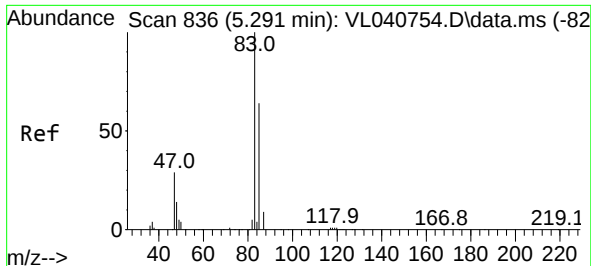
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#28
Methyl tert-Butyl Ether
Concen: 0.911 ppbv
RT: 4.619 min Scan# 627
Delta R.T. 0.016 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 73 Resp: 90167
Ion Ratio Lower Upper
73 100
57 28.6 18.9 28.3





#29

Chloroform

Concen: 0.884 ppbv

RT: 5.288 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 17565

Ion Ratio Lower Upper

83 100

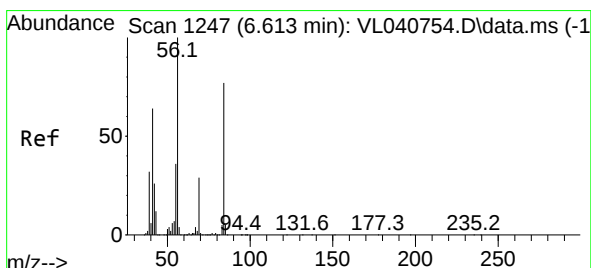
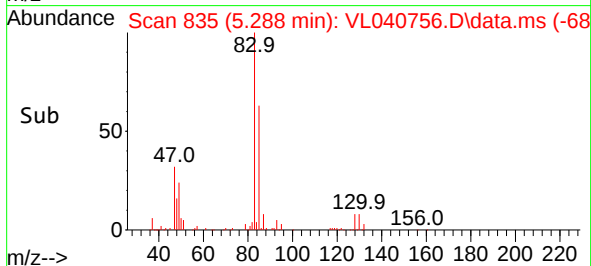
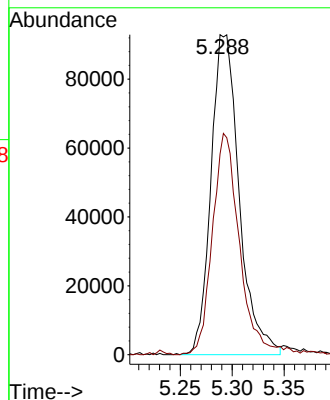
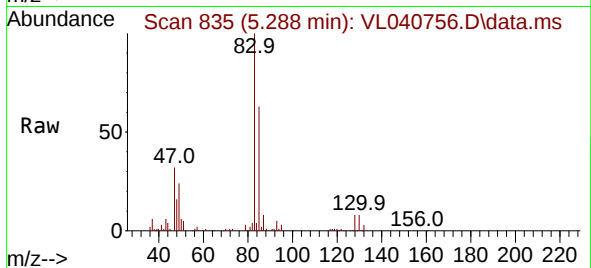
85 62.7 51.3 76.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#30

Cyclohexane

Concen: 1.179 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.006 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

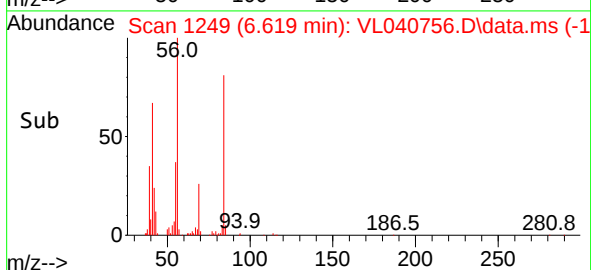
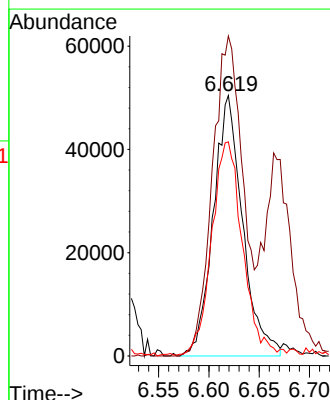
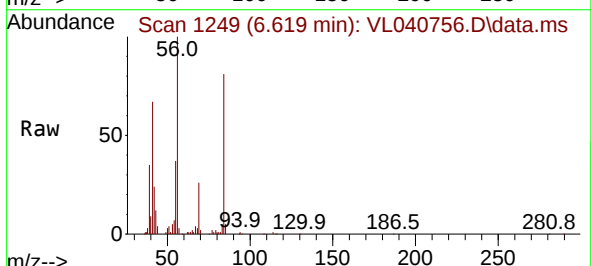
Tgt Ion: 84 Resp: 102146

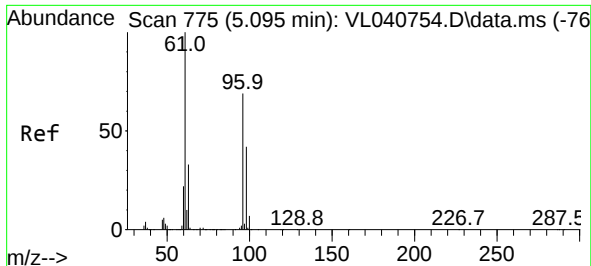
Ion Ratio Lower Upper

84 100

56 129.7 110.3 165.5

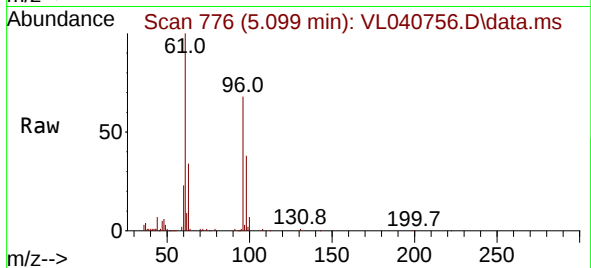
41 85.6 67.4 101.2





#31
 cis-1,2-Dichloroethene
 Concen: 1.044 ppbv
 RT: 5.099 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

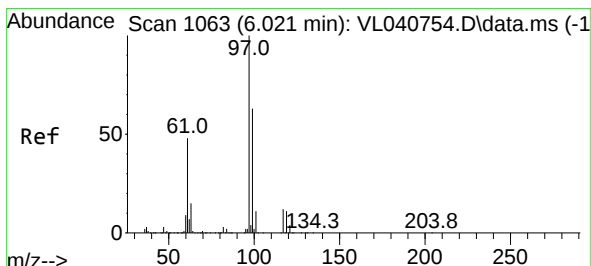
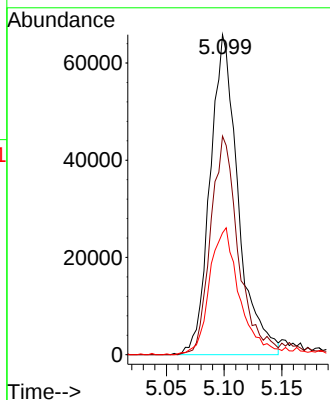
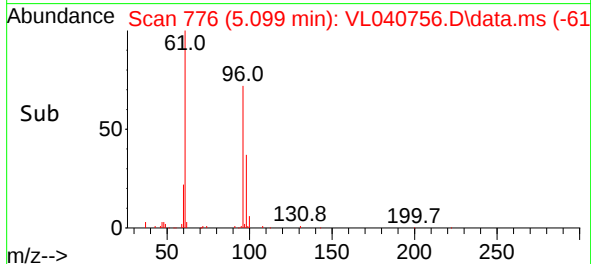
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 61 Resp: 111380
 Ion Ratio Lower Upper
 61 100
 96 68.3 55.1 82.7
 98 37.8 33.5 50.3

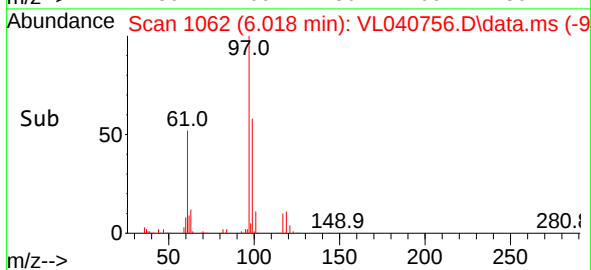
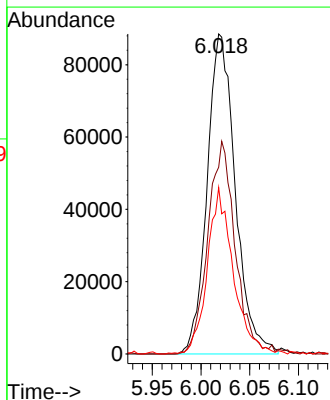
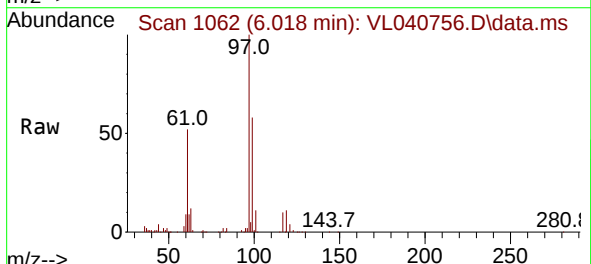
Manual Integrations
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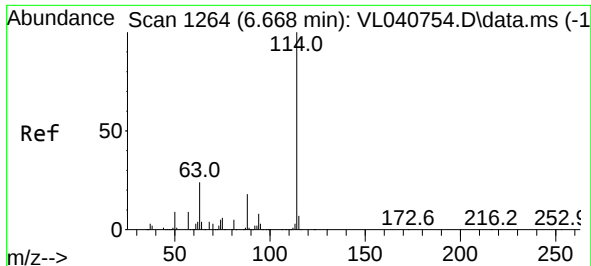
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.877 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. -0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 97 Resp: 178059
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.8 77.6
 61 48.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 315037

Ion Ratio Lower Upper

114 100

63 24.2 19.8 29.6

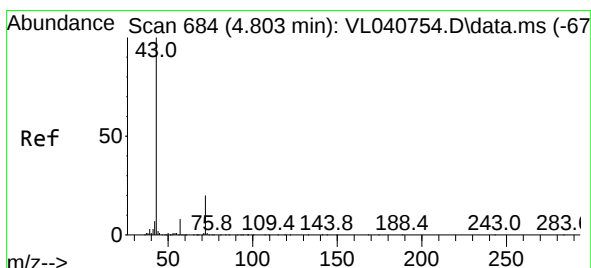
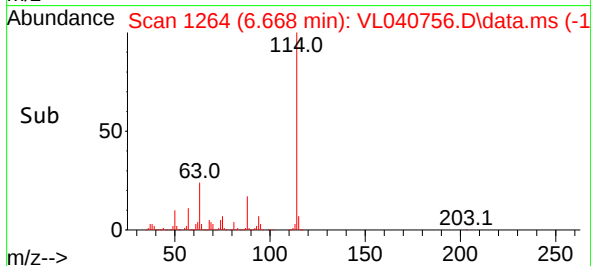
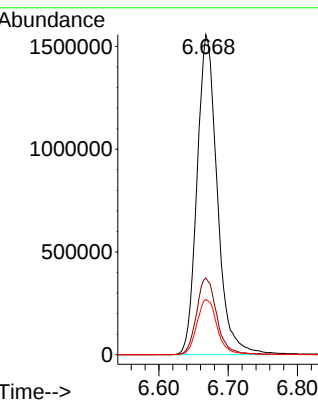
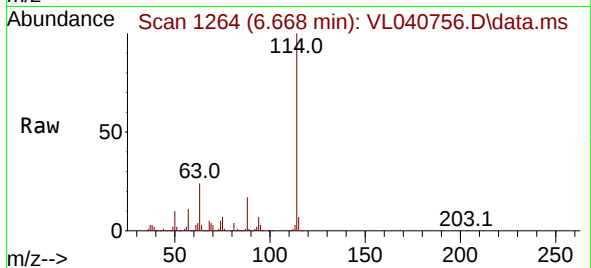
88 17.5 14.2 21.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#34

2-Butanone

Concen: 0.942 ppbv

RT: 4.816 min Scan# 688

Delta R.T. 0.013 min

Lab File: VL040756.D

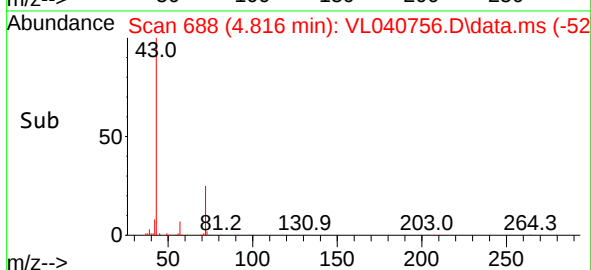
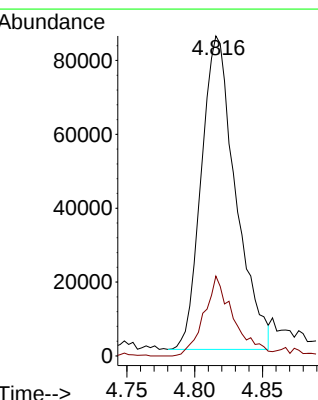
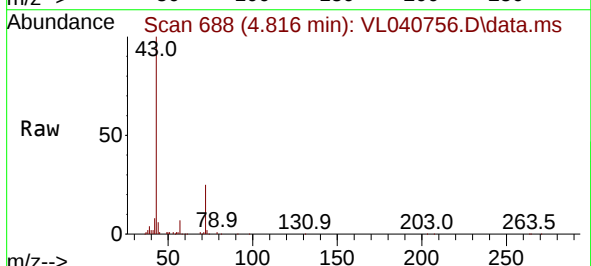
Acq: 11 Oct 2023 13:18

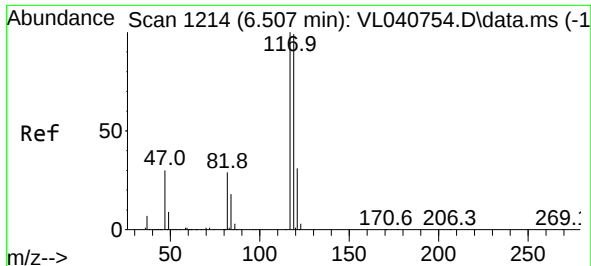
Tgt Ion: 43 Resp: 149172

Ion Ratio Lower Upper

43 100

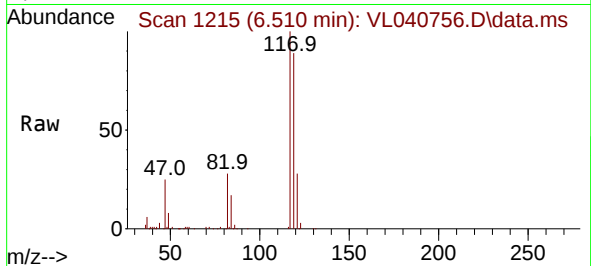
72 23.8 16.8 25.2





#35
Carbon Tetrachloride
Concen: 0.822 ppbv
RT: 6.510 min Scan# 117
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

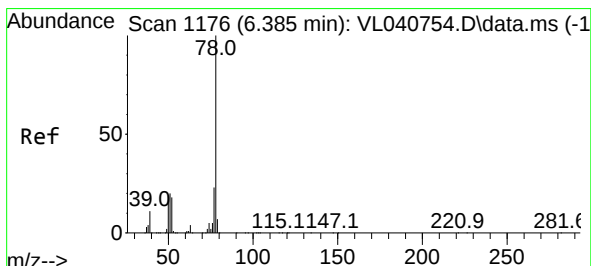
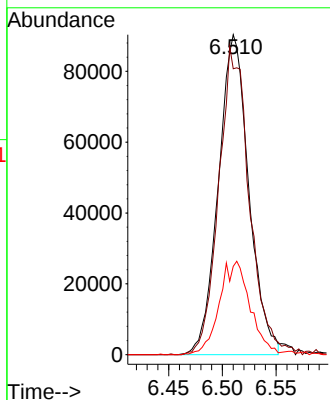
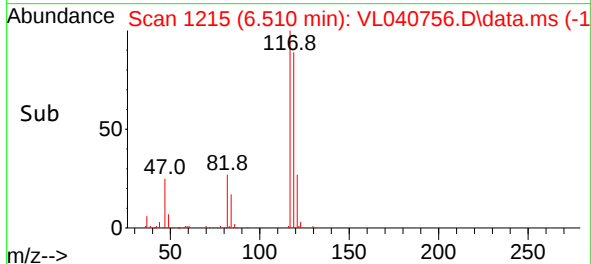
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



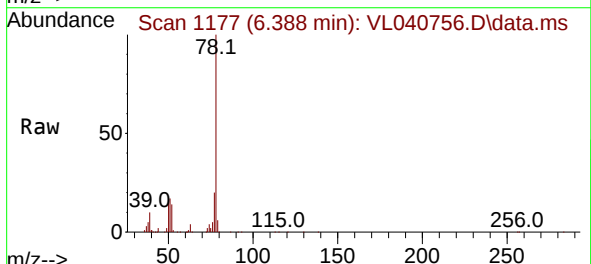
Tgt Ion: 117 Resp: 177808
Ion Ratio Lower Upper
117 100
119 89.4 79.4 119.0
121 27.6 25.0 37.4

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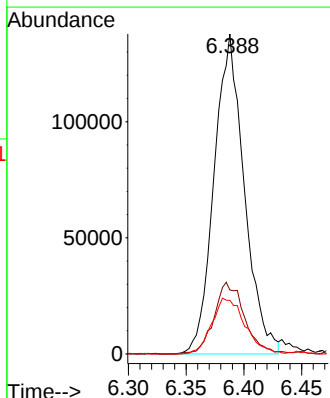
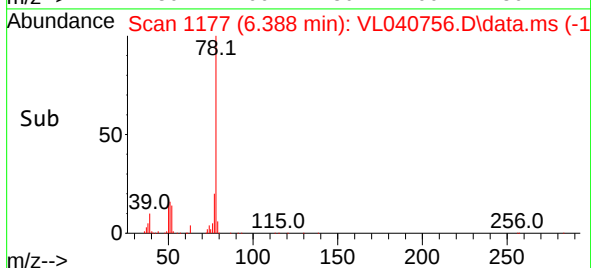
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

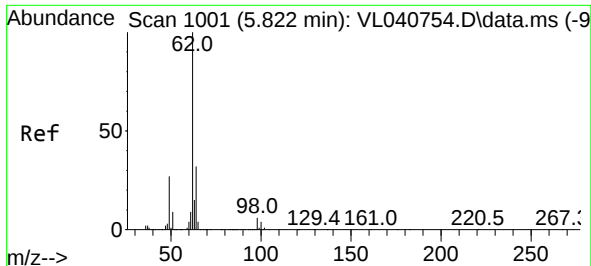


#36
Benzene
Concen: 1.071 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



Tgt Ion: 78 Resp: 249931
Ion Ratio Lower Upper
78 100
77 19.8 18.4 27.6
50 16.8 15.0 22.4





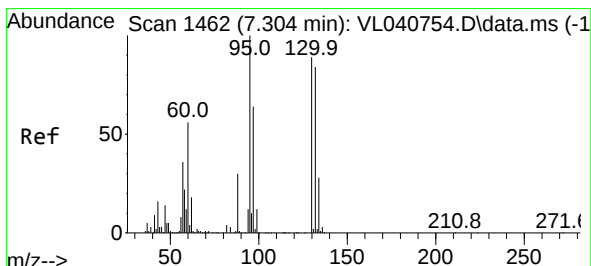
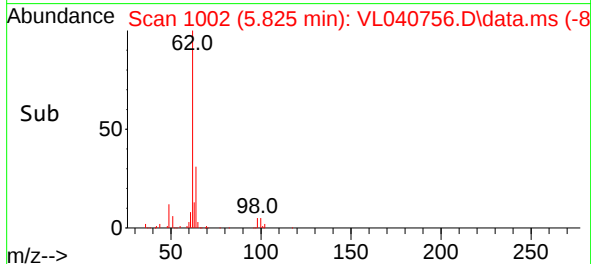
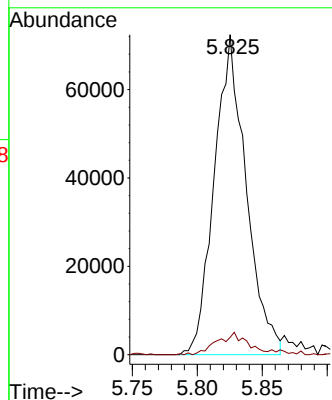
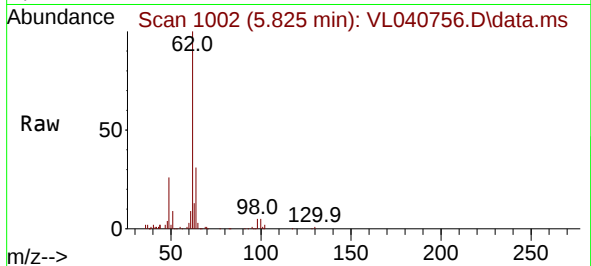
#37
1,2-Dichloroethane
Concen: 0.773 ppbv
RT: 5.825 min Scan# 1001
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 62 Resp: 123400
Ion Ratio Lower Upper
62 100
98 7.2 5.4 8.0

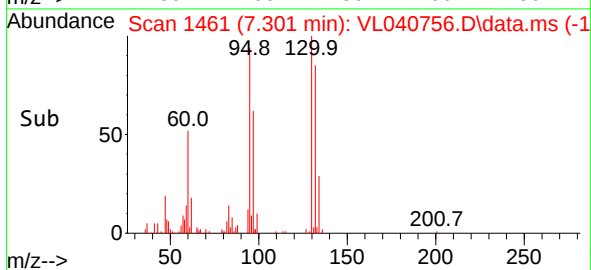
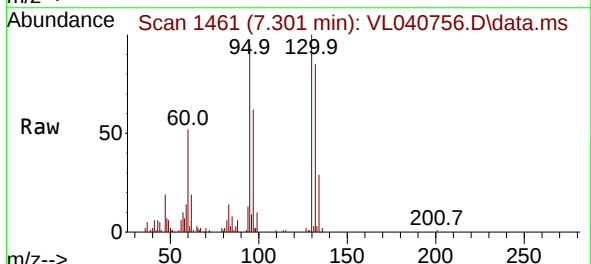
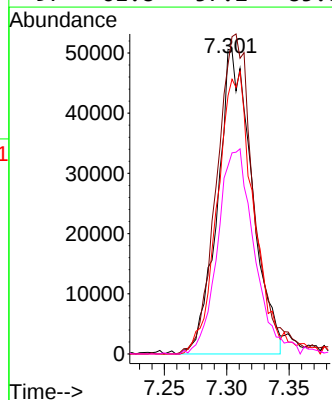
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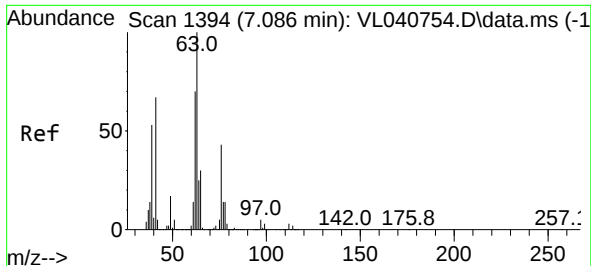
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#38
Trichloroethene
Concen: 1.098 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:130 Resp: 97693
Ion Ratio Lower Upper
130 100
95 94.6 89.4 134.2
132 84.8 74.8 112.2
97 61.8 57.2 85.8





#39

1,2-Dichloropropane

Concen: 1.027 ppbv

RT: 7.089 min Scan# 1471

Delta R.T. 0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

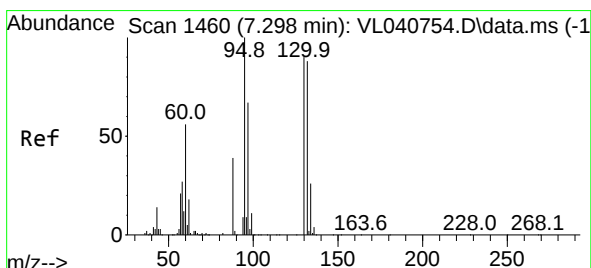
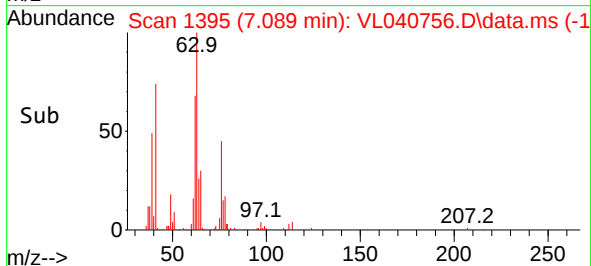
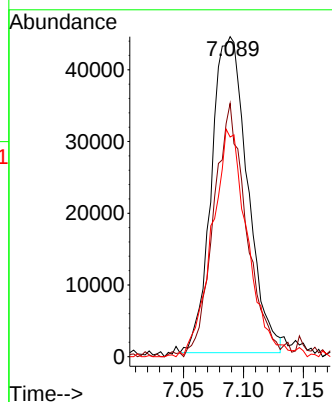
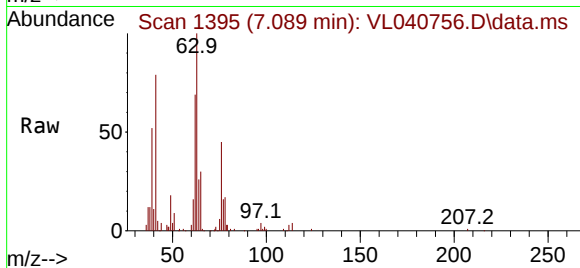
VSTDIC001

Tgt Ion:	63	Resp:	9218
Ion	Ratio	Lower	Upper
63	100		
41	78.9	53.7	80.5
62	68.1	55.7	83.5

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



#40

1,4-Dioxane

Concen: 1.088 ppbv m

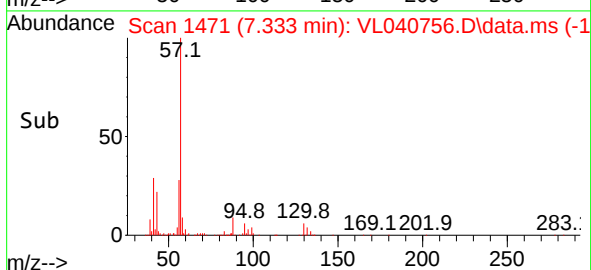
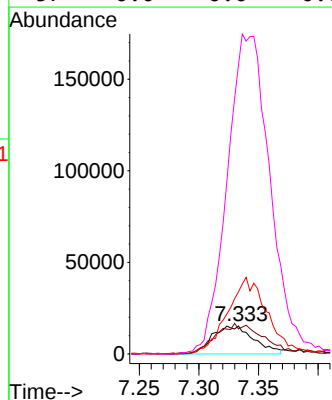
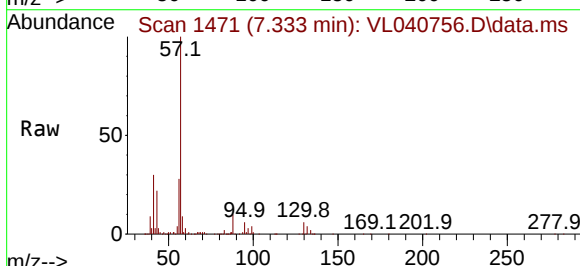
RT: 7.333 min Scan# 1471

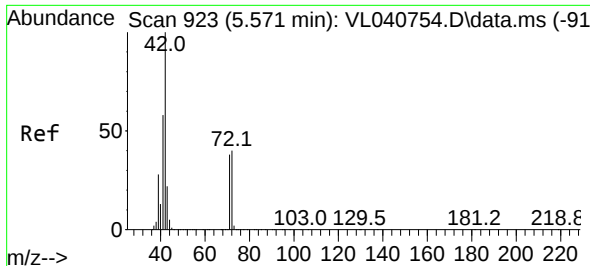
Delta R.T. 0.035 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

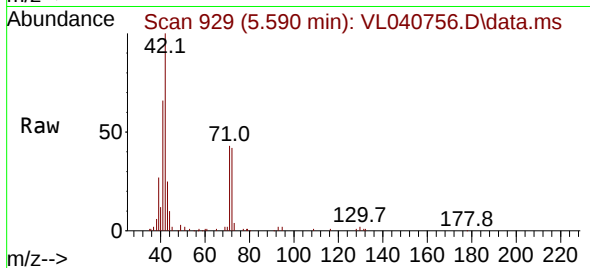
Tgt Ion:	88	Resp:	36929
Ion	Ratio	Lower	Upper
88	100		
58	0.0	100.0	150.0#
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 1.188 ppbv
RT: 5.590 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

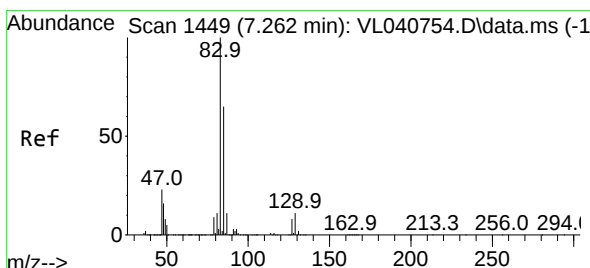
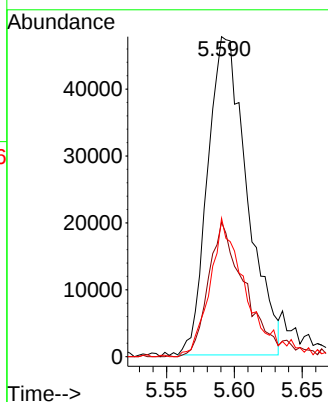
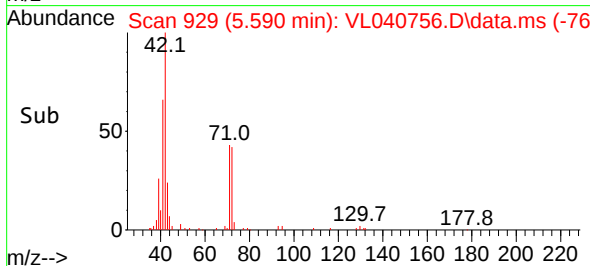
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



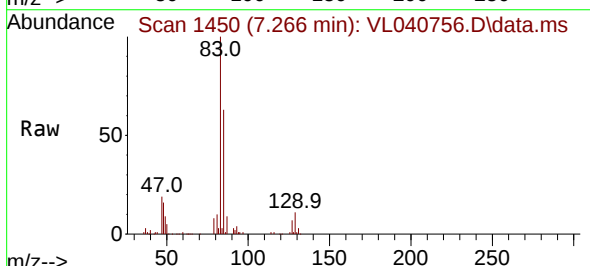
Tgt Ion: 42 Resp: 9648
Ion Ratio Lower Upper
42 100
72 42.6 31.1 46.7
71 41.9 29.7 44.5

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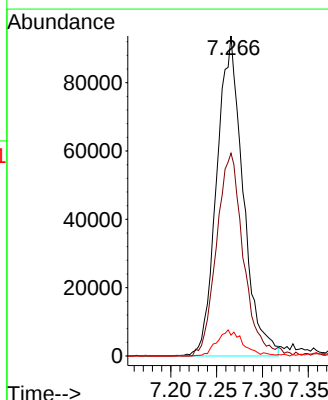
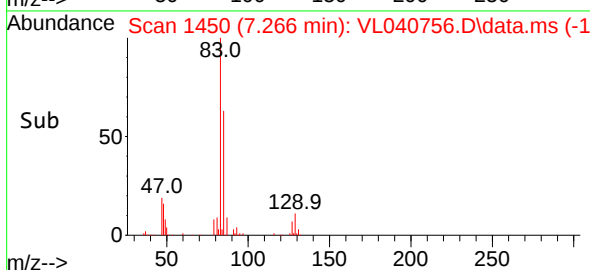
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

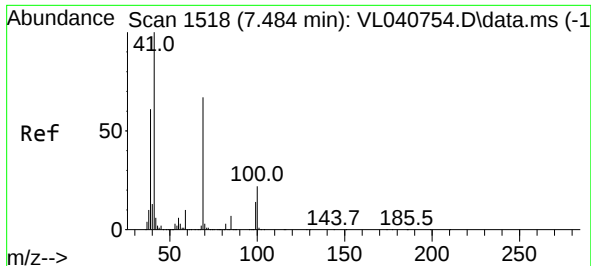


#42
Bromodichloromethane
Concen: 0.858 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



Tgt Ion: 83 Resp: 186904
Ion Ratio Lower Upper
83 100
85 63.1 52.1 78.1
127 6.5 6.7 10.1#





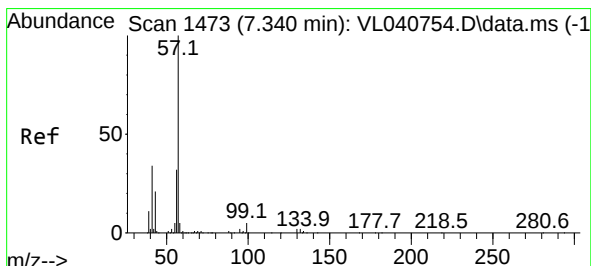
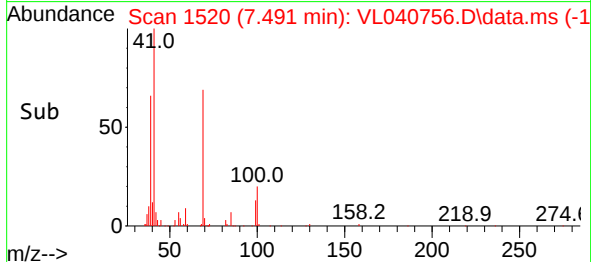
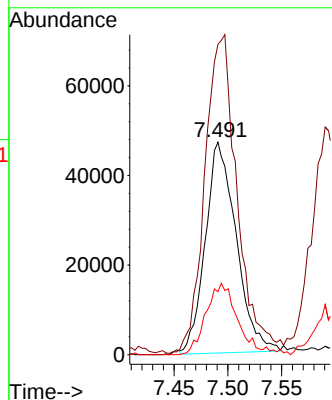
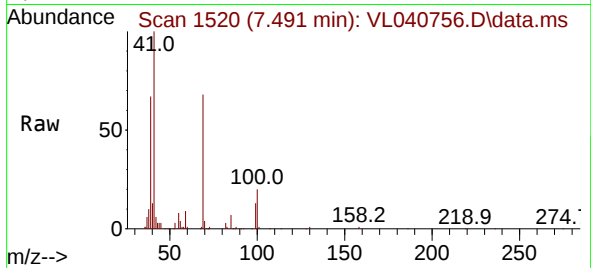
#43
Methyl Methacrylate
Concen: 1.087 ppbv
RT: 7.491 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 69 Resp: 94220
Ion Ratio Lower Upper
69 100
41 157.5 120.6 181.0
100 34.9 27.1 40.7

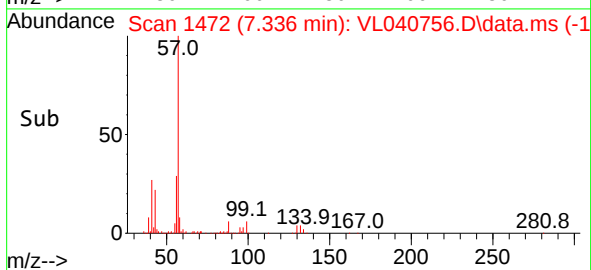
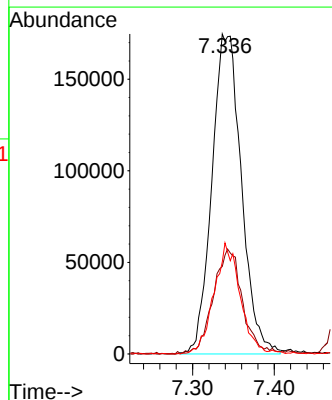
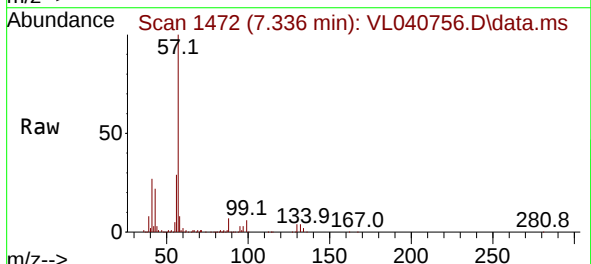
Manual Integrations
APPROVED

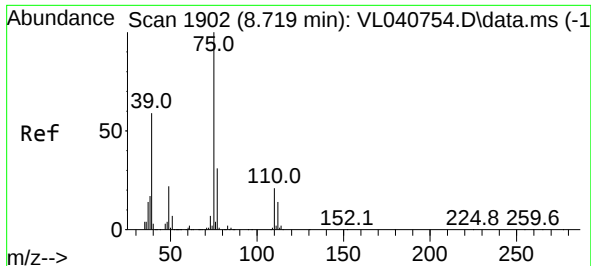
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#44
2,2,4-Trimethylpentane
Concen: 1.179 ppbv m
RT: 7.336 min Scan# 1472
Delta R.T. -0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 57 Resp: 438010
Ion Ratio Lower Upper
57 100
41 32.4 27.4 41.0
56 31.2 25.0 37.6





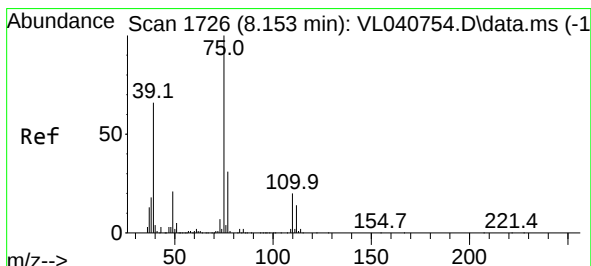
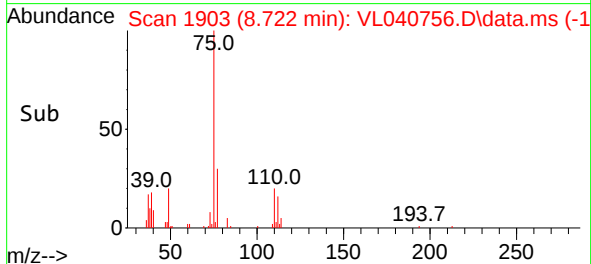
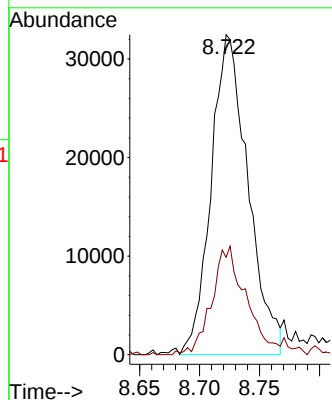
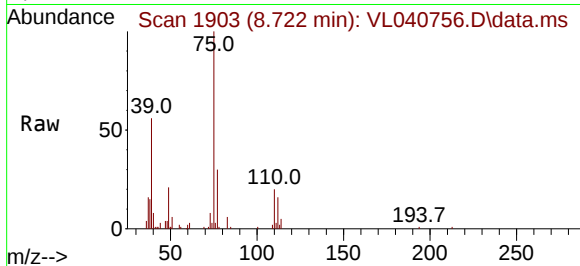
#45
 t-1,3-Dichloropropene
 Concen: 1.033 ppbv
 RT: 8.722 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 75 Resp: 6947
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.9 37.3

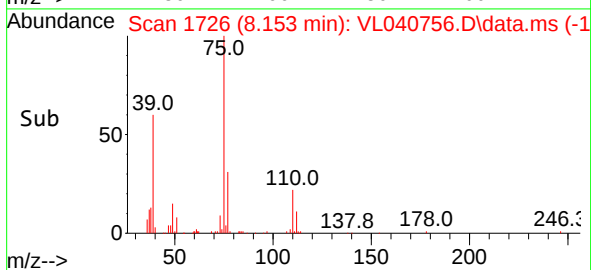
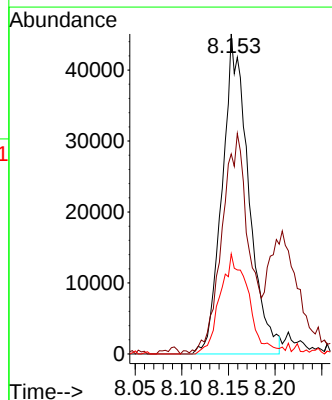
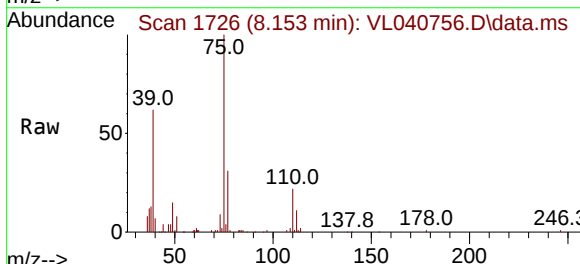
Manual Integrations
 APPROVED

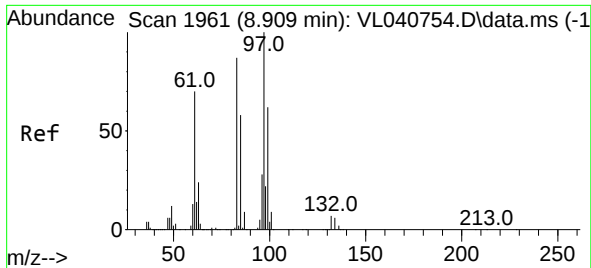
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023



#46
 cis-1,3-Dichloropropene
 Concen: 1.076 ppbv m
 RT: 8.153 min Scan# 1726
 Delta R.T. 0.000 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Tgt Ion: 75 Resp: 88506
 Ion Ratio Lower Upper
 75 100
 39 62.5 52.4 78.6
 77 31.2 25.1 37.7





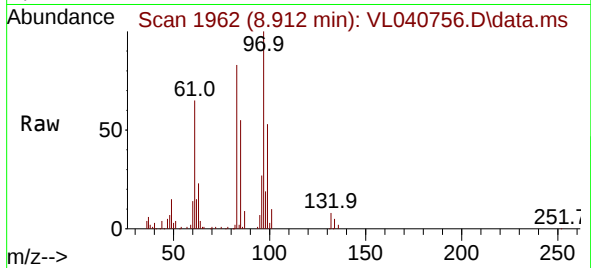
#47
1,1,2-Trichloroethane
Concen: 0.973 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

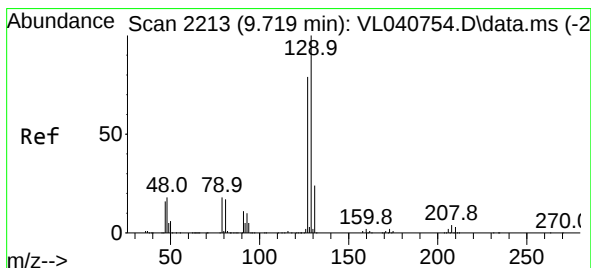
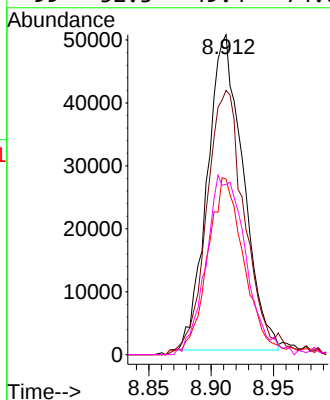
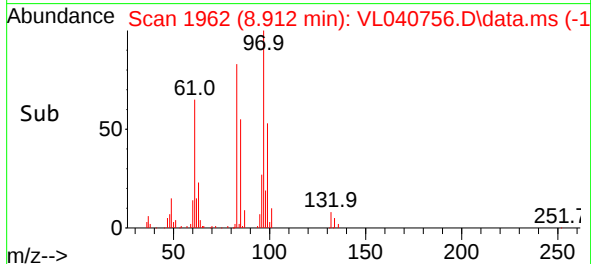


Tgt Ion: 97 Resp: 100228
Ion Ratio Lower Upper
97 100
83 81.9 69.5 104.3
85 54.4 46.6 69.8
99 52.3 49.4 74.0

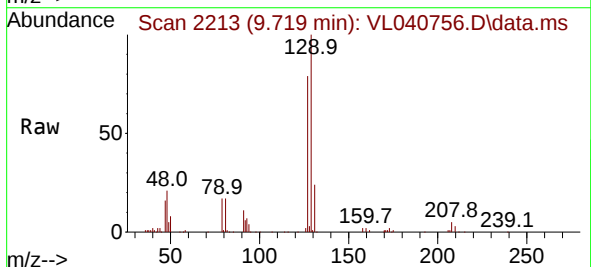
Manual Integrations

APPROVED

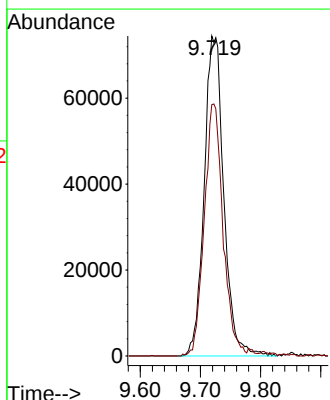
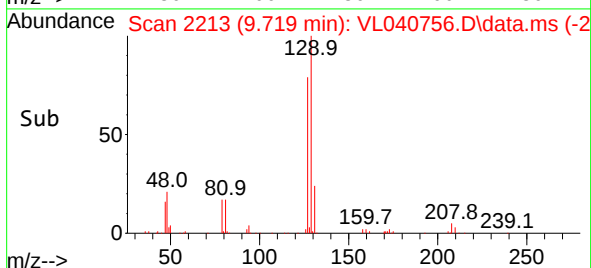
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

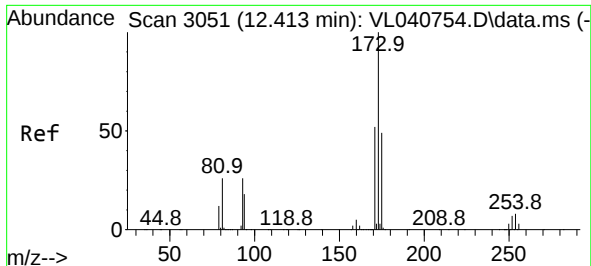


#48
Dibromochloromethane
Concen: 0.991 ppbv m
RT: 9.719 min Scan# 2213
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



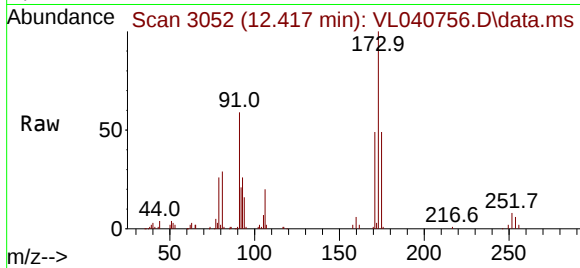
Tgt Ion:129 Resp: 168497
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.3





#49
Bromoform
Concen: 0.927 ppbv
RT: 12.417 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

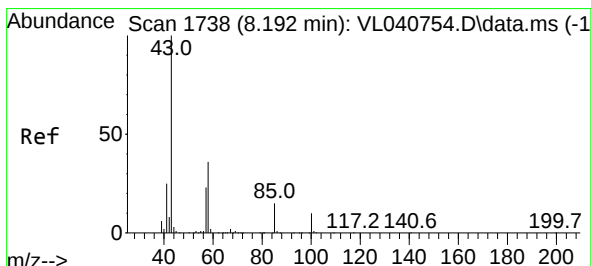
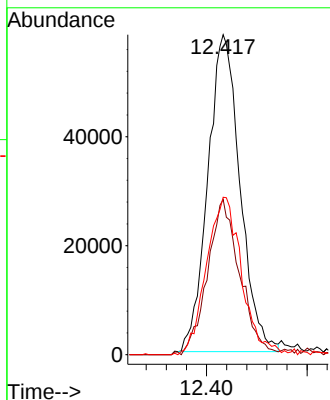
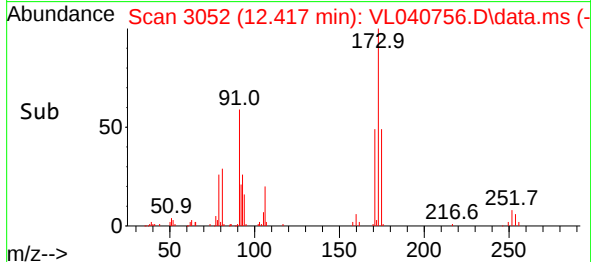
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 173 Resp: 12949
Ion Ratio Lower Upper
173 100
175 49.6 39.2 58.8
171 54.4 42.0 63.0

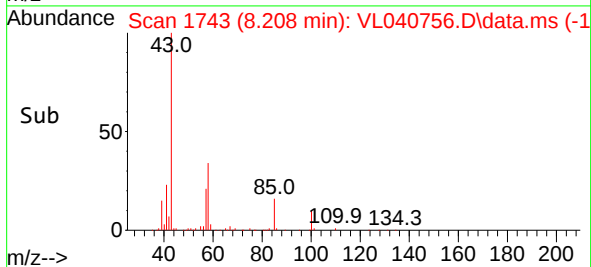
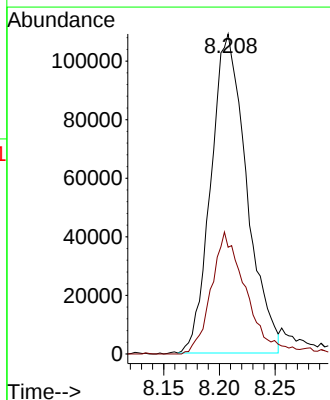
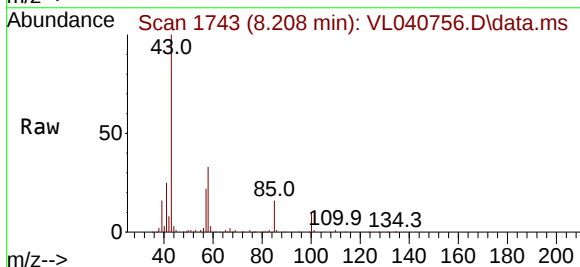
Manual Integrations
APPROVED

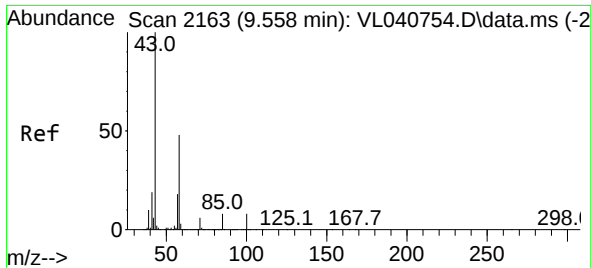
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#50
4-Methyl-2-Pentanone
Concen: 1.135 ppbv
RT: 8.208 min Scan# 1743
Delta R.T. 0.016 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

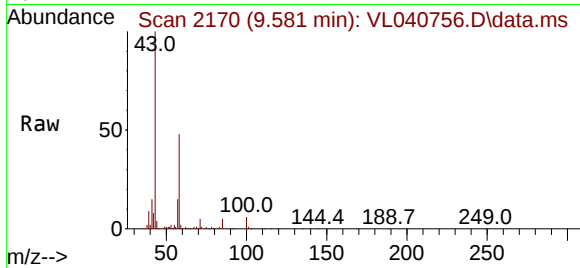
Tgt Ion: 43 Resp: 242955
Ion Ratio Lower Upper
43 100
58 38.4 28.8 43.2





#51
2-Hexanone
Concen: 1.235 ppbv
RT: 9.581 min Scan# 2163
Delta R.T. 0.023 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

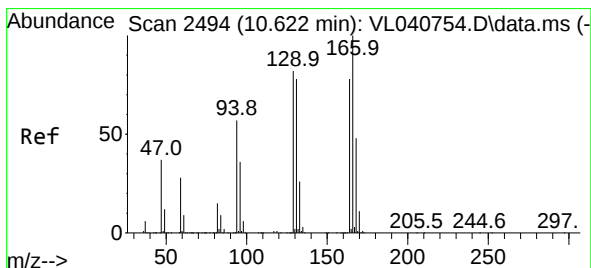
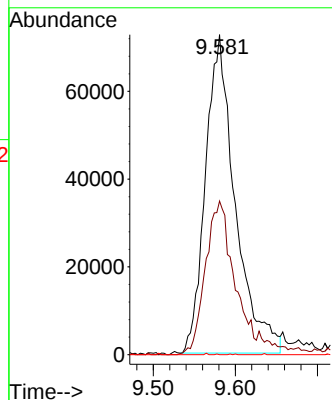
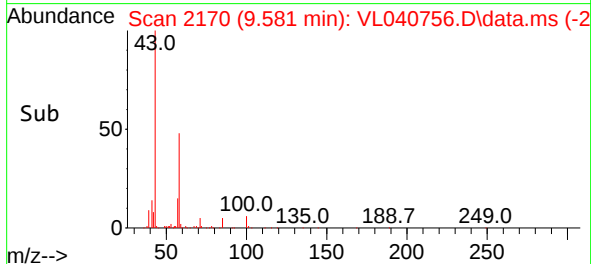
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 182540
Ion Ratio Lower Upper
43 100
58 50.8 38.6 58.0
98 0.1 0.0 0.0

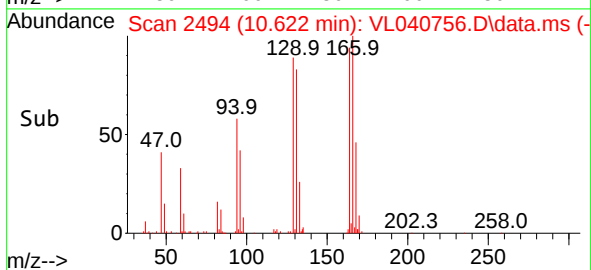
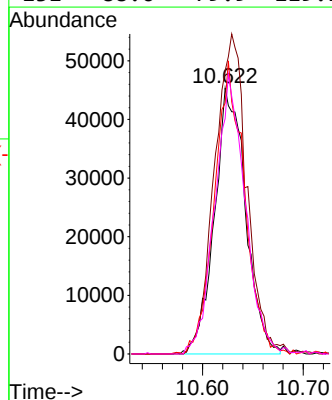
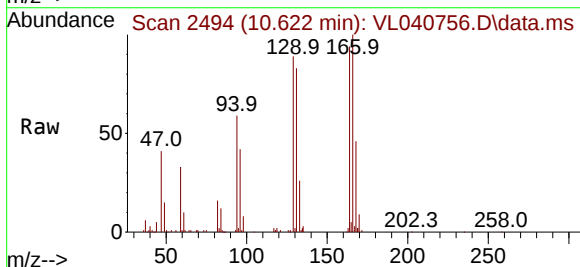
Manual Integrations
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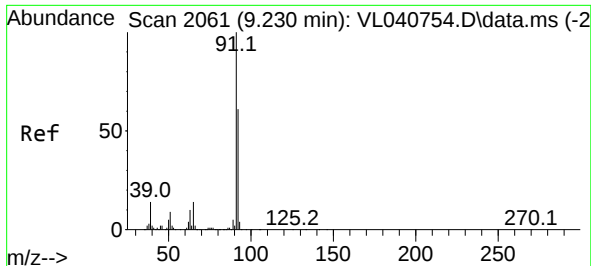
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#52
Tetrachloroethene
Concen: 1.281 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion:164 Resp: 97483
Ion Ratio Lower Upper
164 100
166 106.5 102.4 153.6
129 93.9 84.2 126.4
131 88.6 79.9 119.9





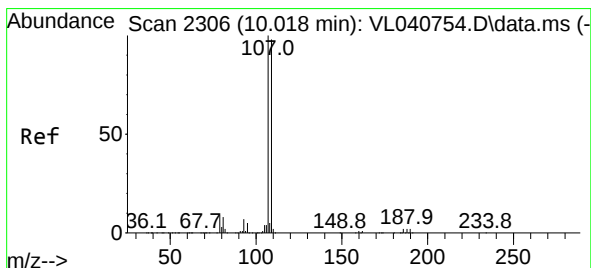
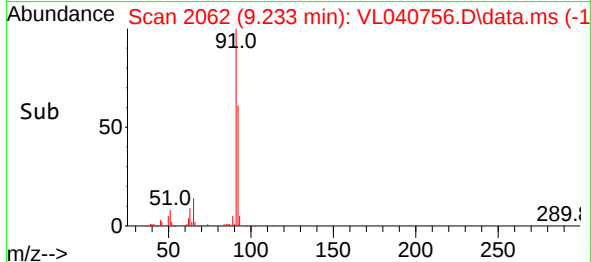
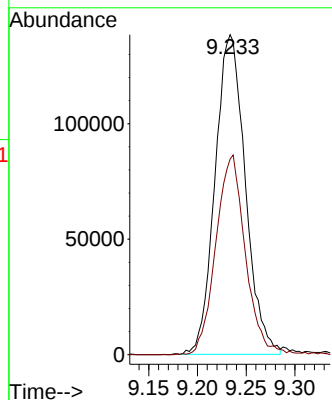
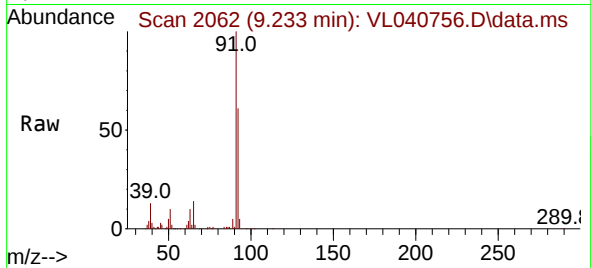
#53
Toluene
Concen: 1.213 ppbv
RT: 9.233 min Scan# 2061
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 29878
Ion Ratio Lower Upper
91 100
92 61.3 50.2 75.2

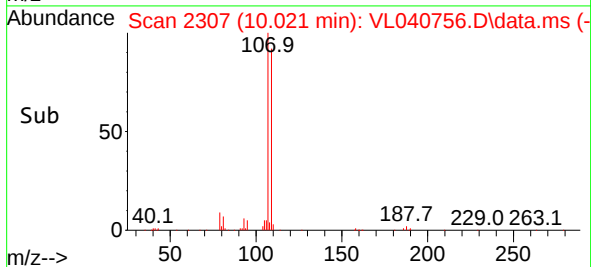
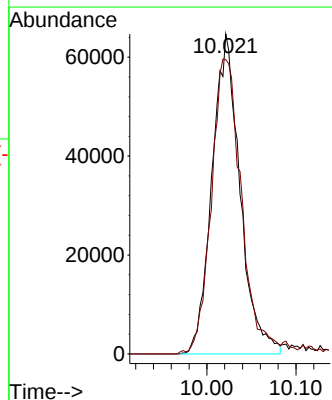
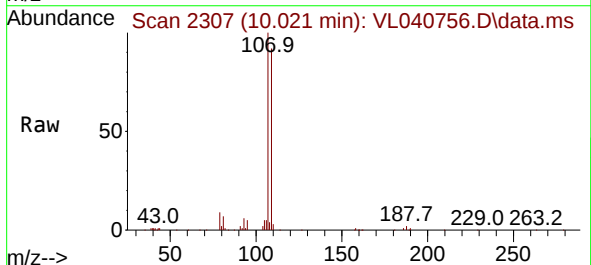
Manual Integrations
APPROVED

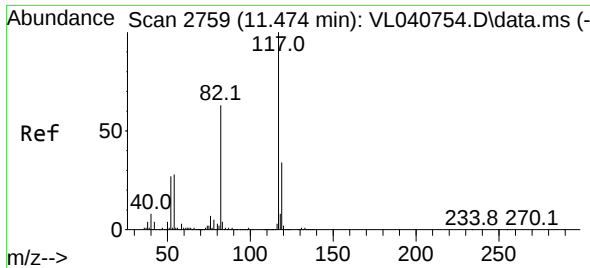
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#54
1,2-Dibromoethane
Concen: 1.072 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

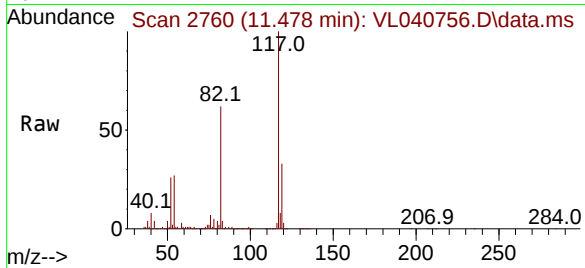
Tgt Ion:107 Resp: 141038
Ion Ratio Lower Upper
107 100
109 91.4 78.2 117.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

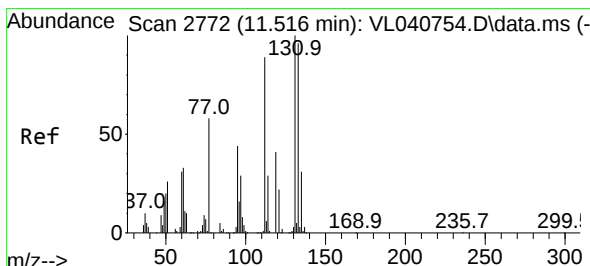
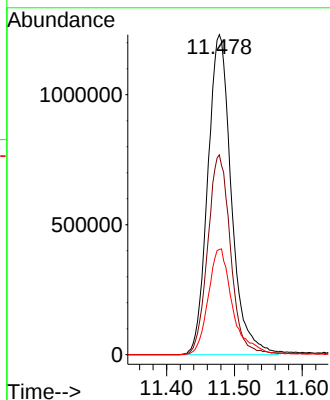
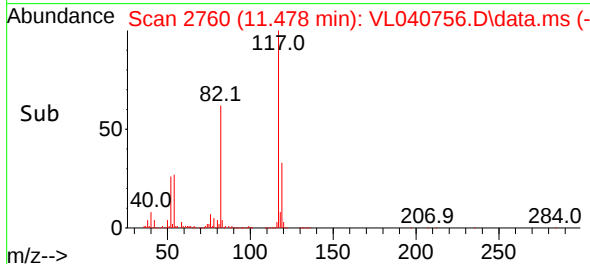
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



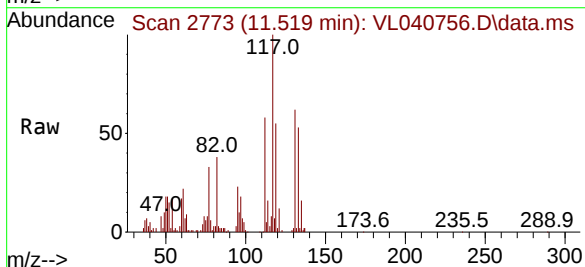
Tgt Ion:117 Resp: 297387
Ion Ratio Lower Upper
117 100
82 60.7 46.6 70.0
119 34.5 26.0 39.0

Manual Integrations
APPROVED

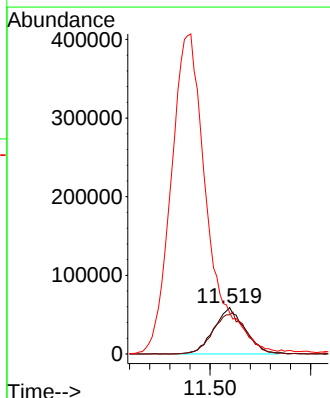
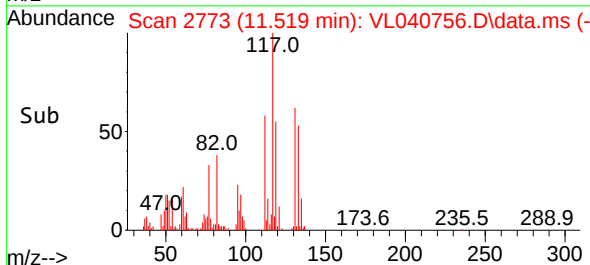
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

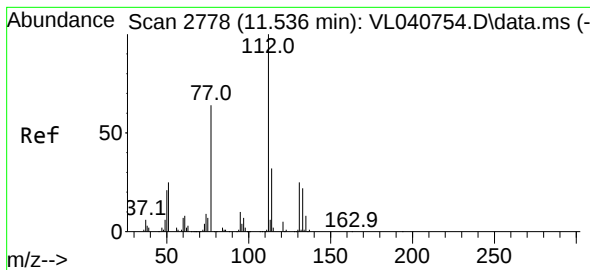


#56
1,1,1,2-Tetrachloroethane
Concen: 0.890 ppbv
RT: 11.519 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



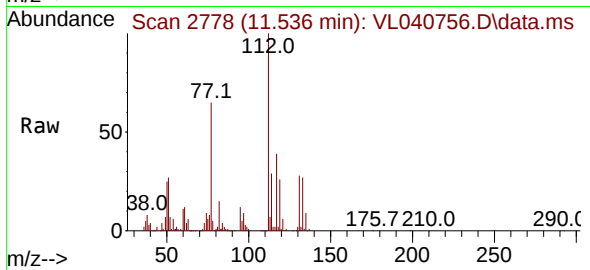
Tgt Ion:131 Resp: 126176
Ion Ratio Lower Upper
131 100
133 94.5 75.0 112.6
119 817.1 45.4 68.0#





#57
Chlorobenzene
Concen: 0.995 ppbv
RT: 11.536 min Scan# 2778
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

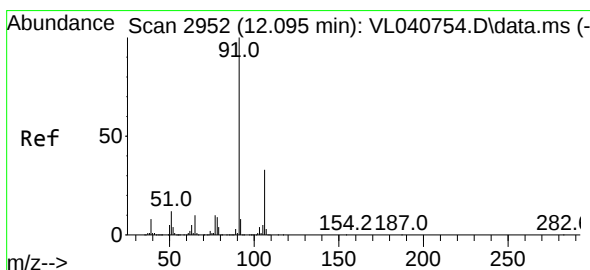
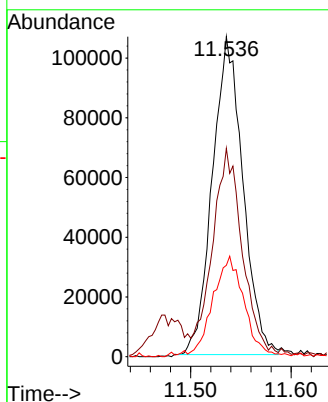
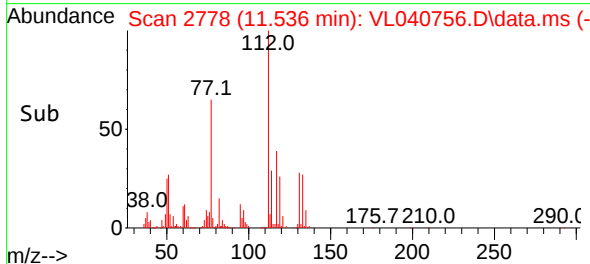
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



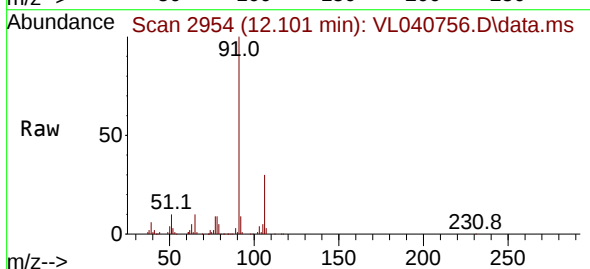
Tgt Ion:112 Resp: 22399
Ion Ratio Lower Upper
112 100
77 64.2 51.9 77.9
114 28.0 28.6 35.0

Manual Integrations
APPROVED

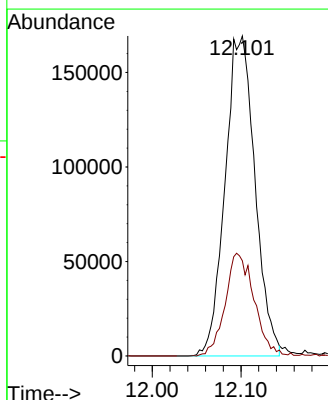
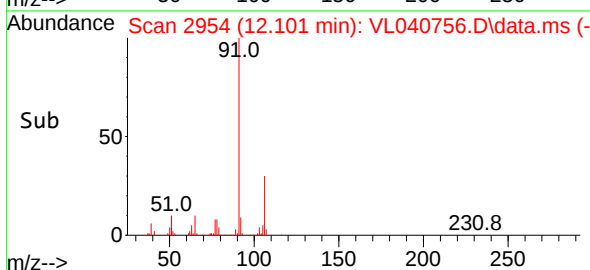
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

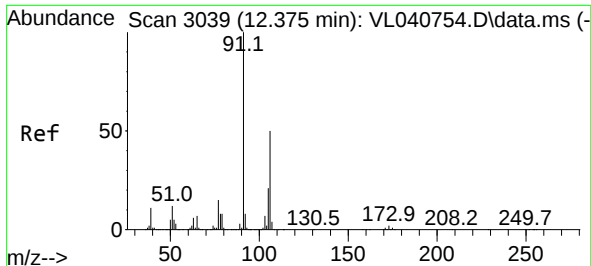


#58
Ethyl Benzene
Concen: 1.170 ppbv m
RT: 12.101 min Scan# 2954
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



Tgt Ion: 91 Resp: 396651
Ion Ratio Lower Upper
91 100
106 29.8 26.7 40.1





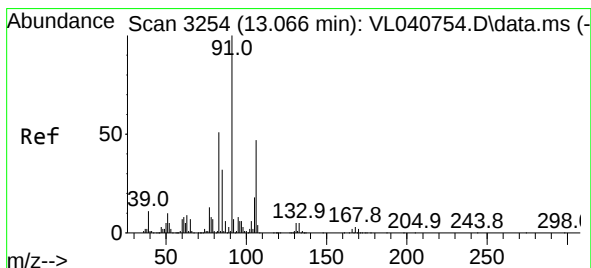
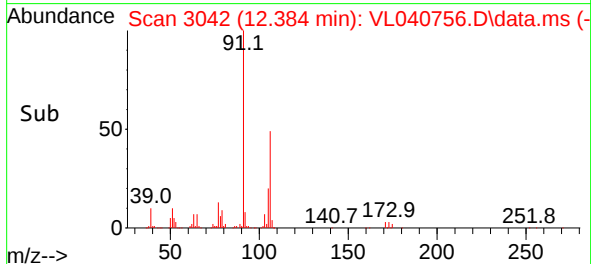
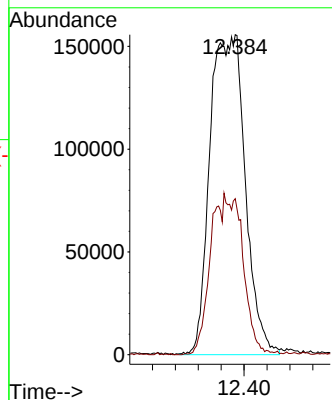
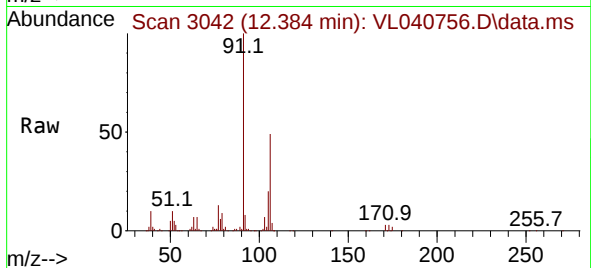
#59
m/p-Xylene
Concen: 2.083 ppbv m
RT: 12.384 min Scan# 3039
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 66326
Ion Ratio Lower Upper
91 100
106 0.0 37.7 56.5

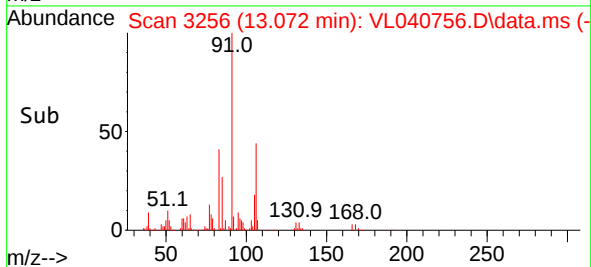
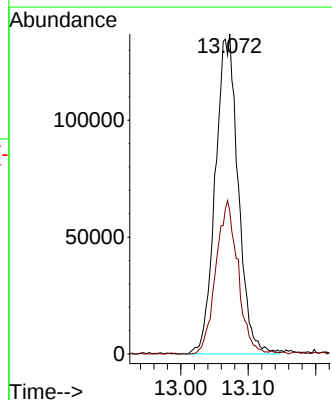
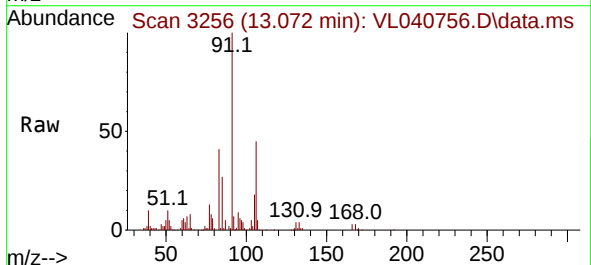
Manual Integrations
APPROVED

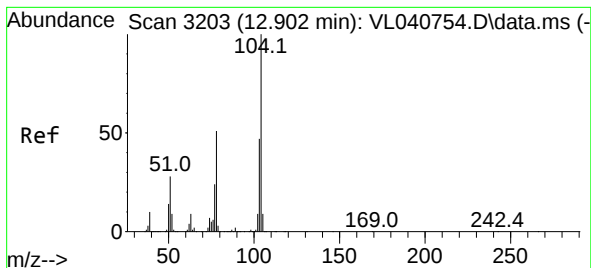
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#60
o-Xylene
Concen: 1.060 ppbv m
RT: 13.072 min Scan# 3256
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Tgt Ion: 91 Resp: 321718
Ion Ratio Lower Upper
91 100
106 46.6 23.5 70.5





#61

Styrene

Concen: 1.296 ppbv

RT: 12.908 min Scan# 31

Delta R.T. 0.006 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:104 Resp: 16495

Ion Ratio Lower Upper

104 100

78 49.9 39.8 59.6

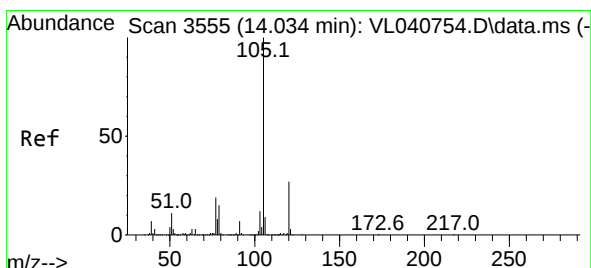
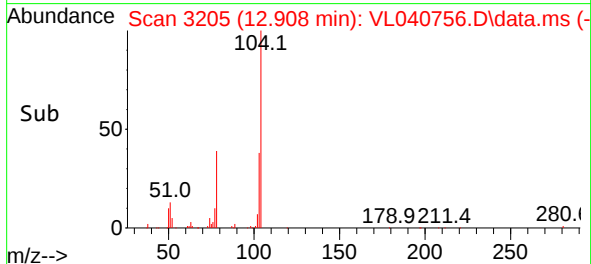
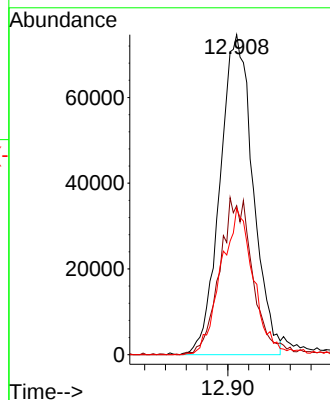
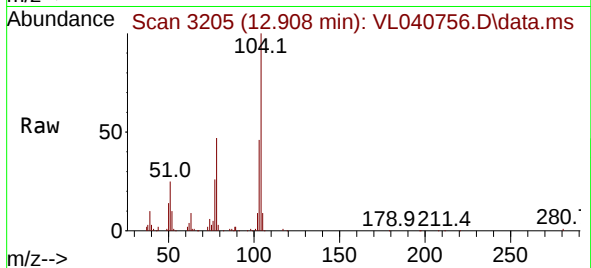
103 45.6 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#62

Isopropylbenzene

Concen: 1.070 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.006 min

Lab File: VL040756.D

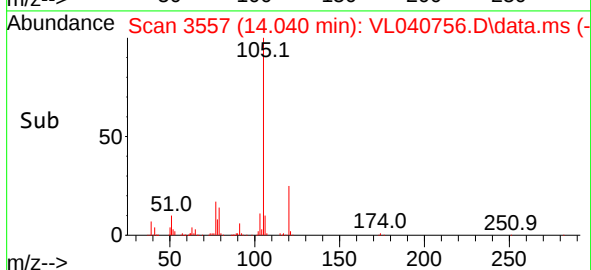
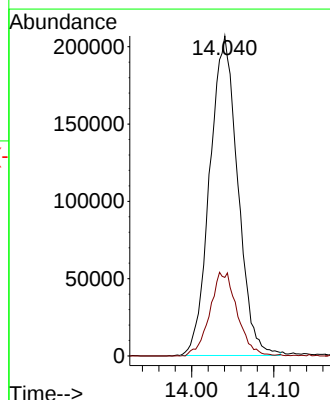
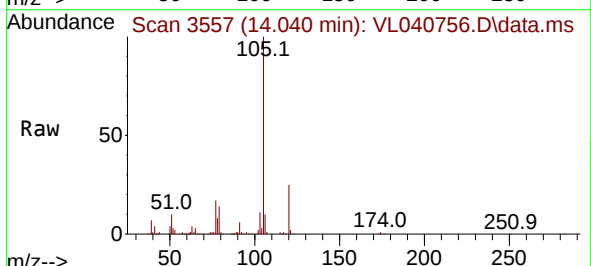
Acq: 11 Oct 2023 13:18

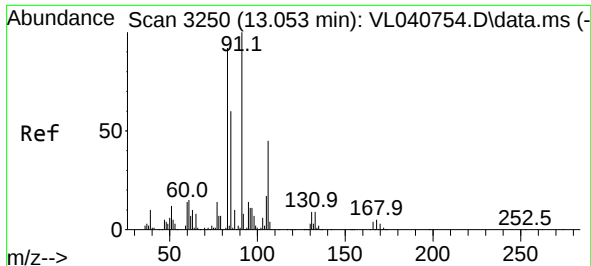
Tgt Ion:105 Resp: 490605

Ion Ratio Lower Upper

105 100

120 25.9 21.5 32.3





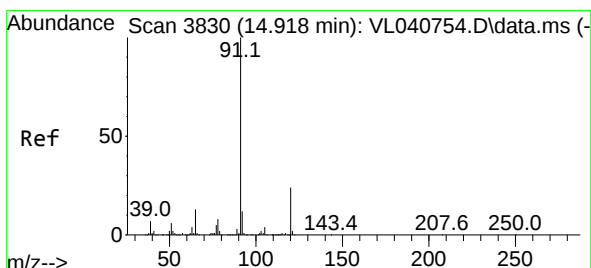
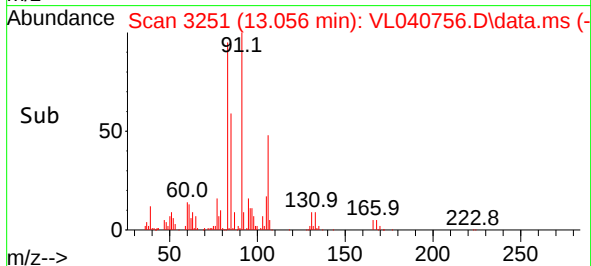
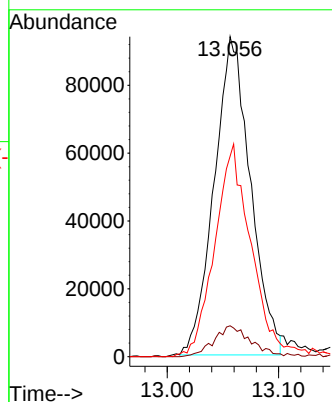
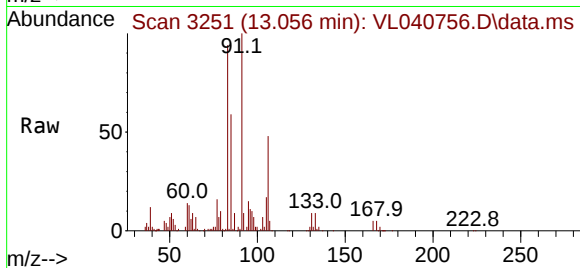
#63
1,1,2,2-Tetrachloroethane
Concen: 0.892 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 83 Resp: 21218
Ion Ratio Lower Upper
83 100
131 10.3 4.9 14.6
85 68.4 32.9 98.7

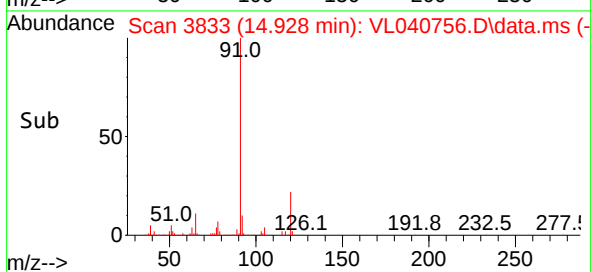
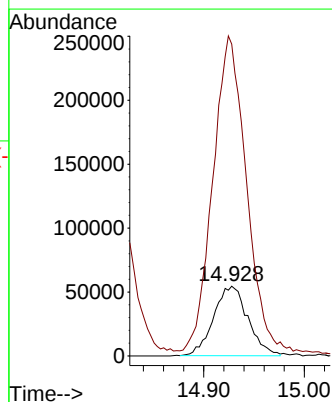
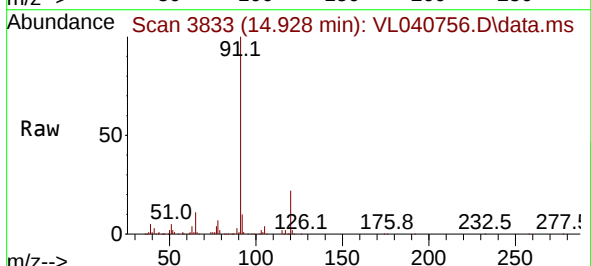
Manual Integrations
APPROVED

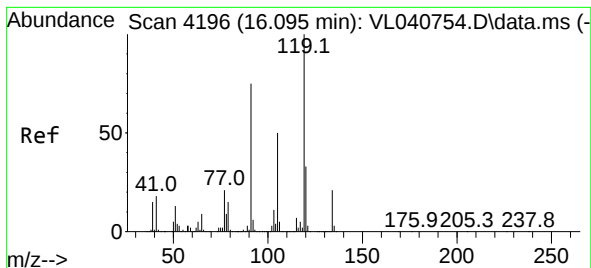
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#64
n-propylbenzene
Concen: 1.127 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

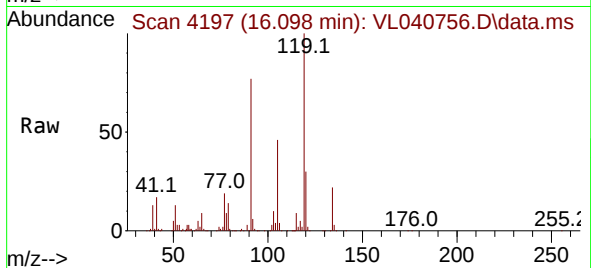
Tgt Ion:120 Resp: 129166
Ion Ratio Lower Upper
120 100
91 463.4 345.9 518.9





#65
tert-Butylbenzene
Concen: 1.096 ppbv
RT: 16.098 min Scan# 4196
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

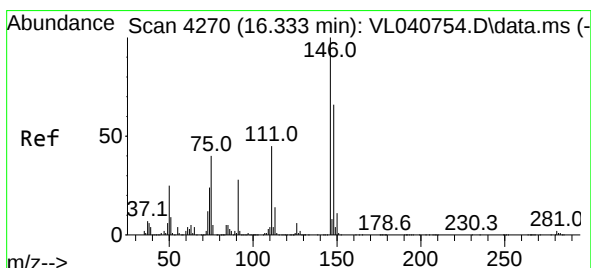
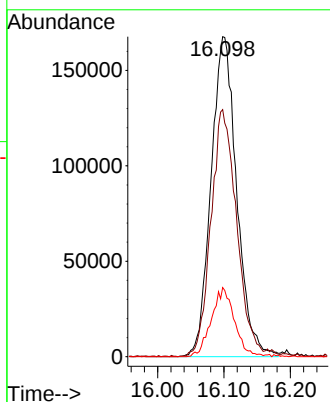
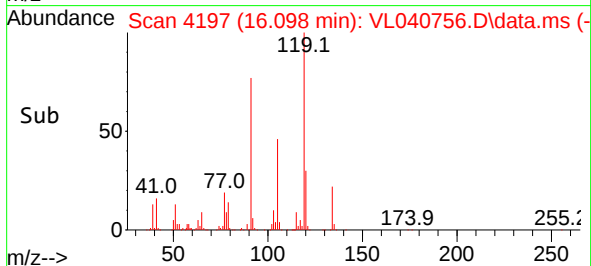
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 119 Resp: 45112
Ion Ratio Lower Upper
119 100
91 78.5 62.2 93.2
134 19.7 16.1 24.1

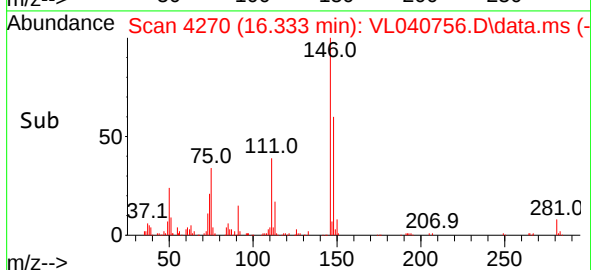
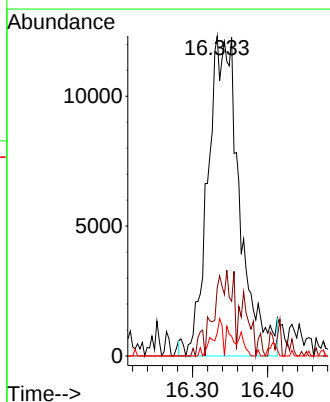
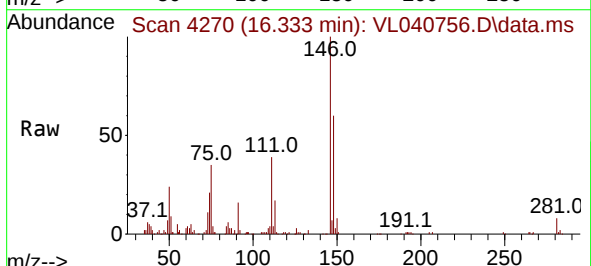
Manual Integrations
APPROVED

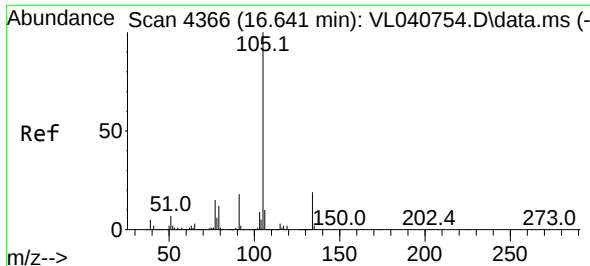
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#66
Benzyl Chloride
Concen: 0.755 ppbv m
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

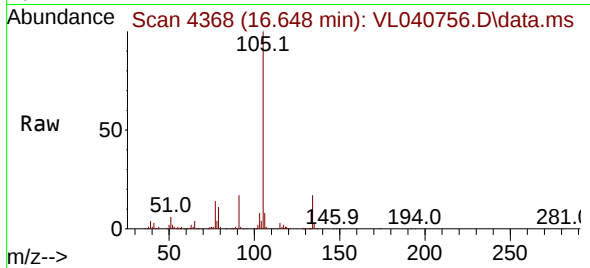
Tgt Ion: 91 Resp: 36248
Ion Ratio Lower Upper
91 100
126 0.0 16.1 24.1#
128 6.8 5.2 7.8





#67
 sec-Butylbenzene
 Concen: 1.043 ppbv
 RT: 16.648 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

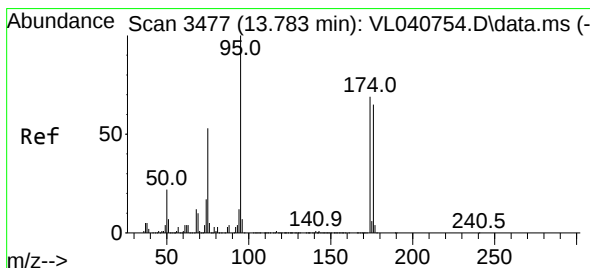
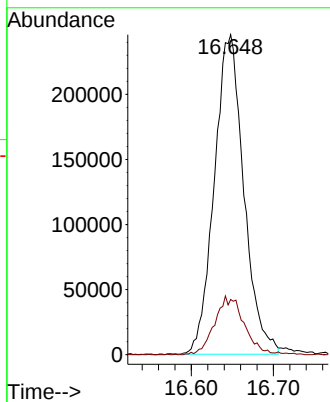
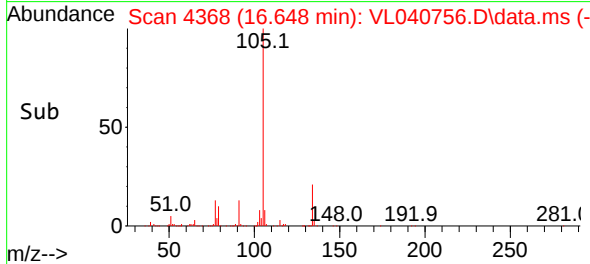
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



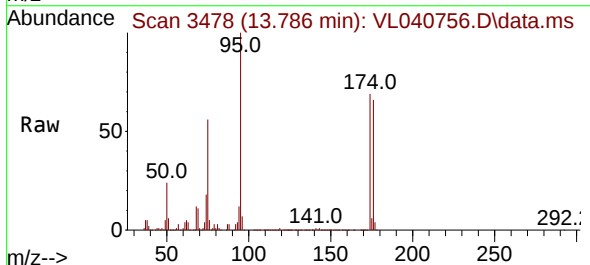
Tgt Ion:105 Resp: 61423
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.4 23.2

Manual Integrations
 APPROVED

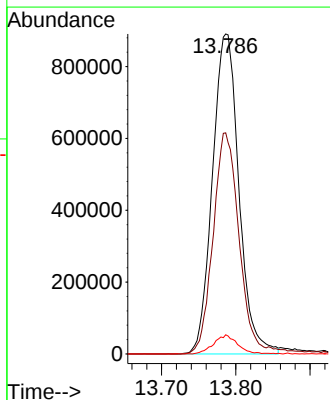
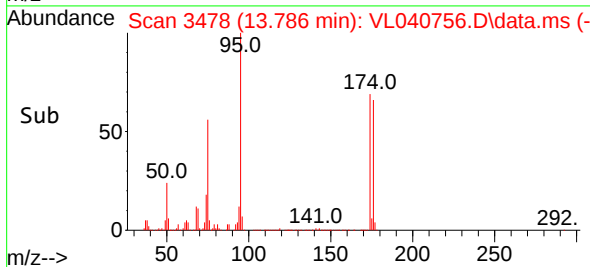
Reviewed By :Semsettin Yesilyurt 10/12/2023
 Supervised By :Mahesh Dadoda 10/16/2023

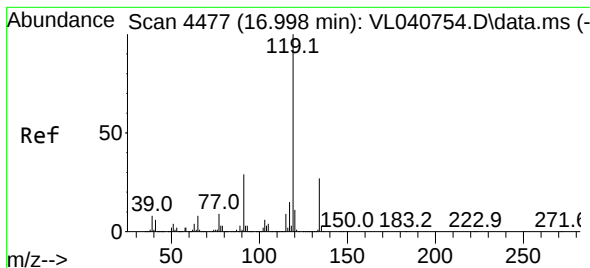


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.607 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18



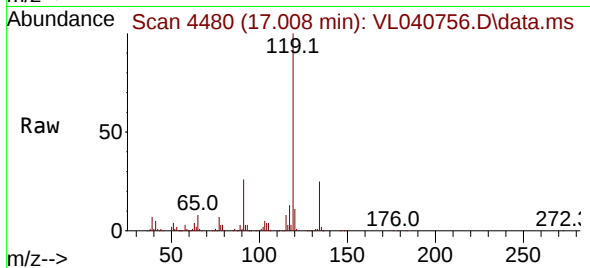
Tgt Ion: 95 Resp: 2207296
 Ion Ratio Lower Upper
 95 100
 174 68.9 54.7 82.1
 175 5.5 4.2 6.4





#69
p-Isopropyltoluene
Concen: 1.109 ppbv
RT: 17.008 min Scan# 4477
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

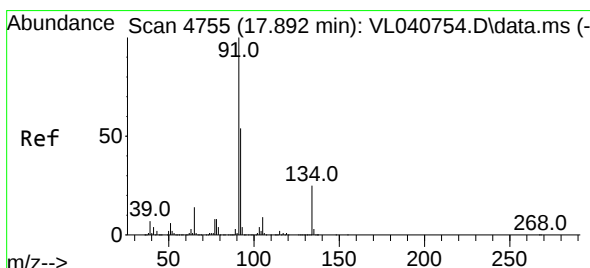
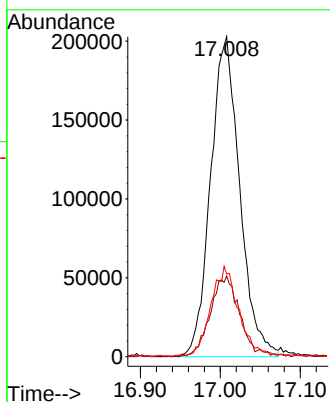
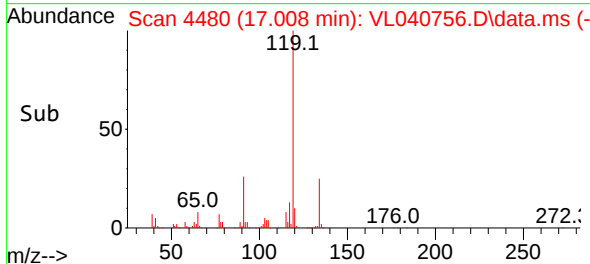
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



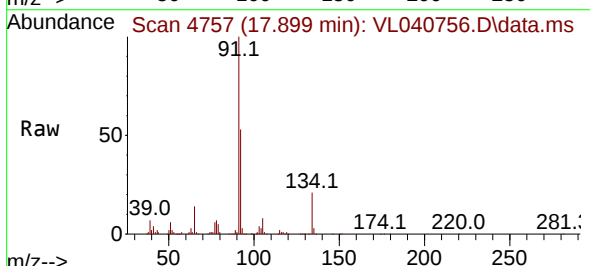
Tgt Ion:119 Resp: 513302
Ion Ratio Lower Upper
119 100
134 25.7 21.0 31.4
91 27.2 22.8 34.2

Manual Integrations
APPROVED

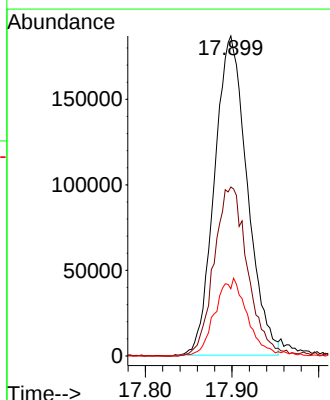
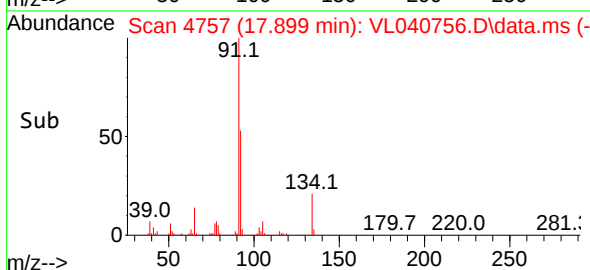
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

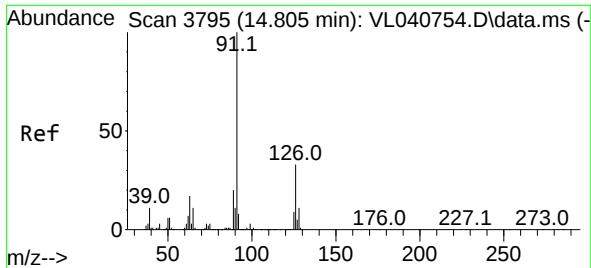


#70
n-Butylbenzene
Concen: 0.961 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



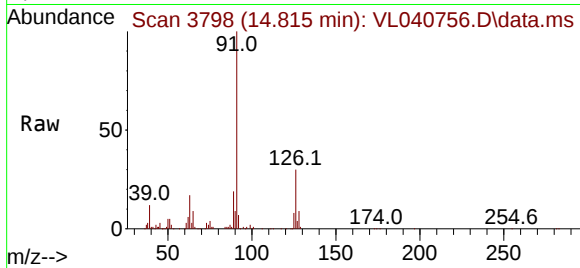
Tgt Ion: 91 Resp: 489705
Ion Ratio Lower Upper
91 100
92 54.6 44.1 66.1
134 24.4 19.5 29.3





#71
2-Chlorotoluene
Concen: 1.084 ppbv m
RT: 14.815 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

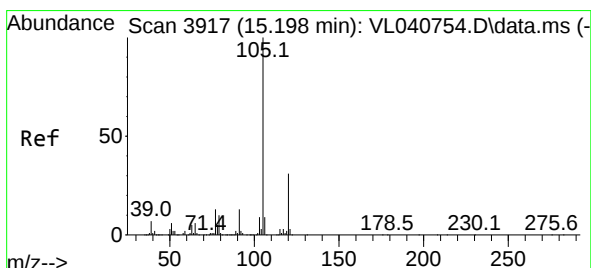
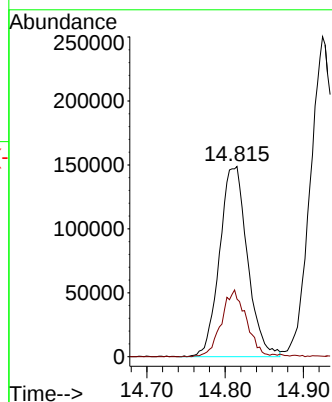
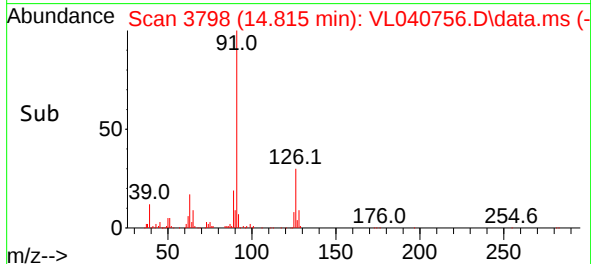
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



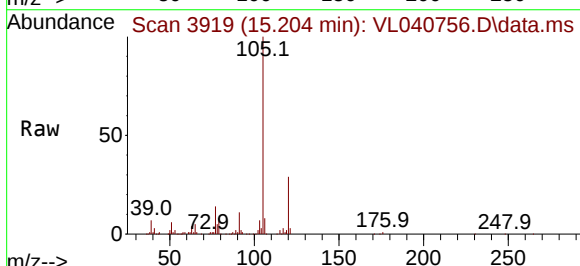
Tgt Ion: 91 Resp: 36750
Ion Ratio Lower Upper
91 100
126 32.6 13.3 53.1

Manual Integrations
APPROVED

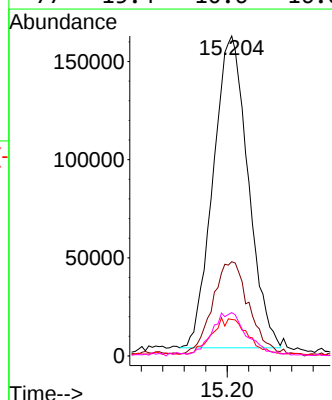
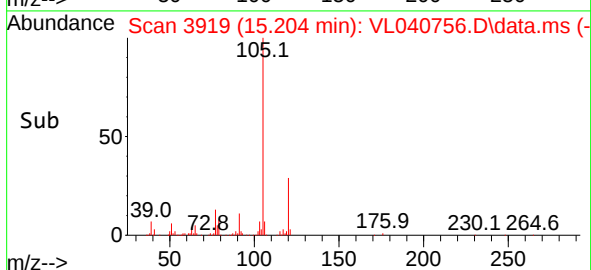
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

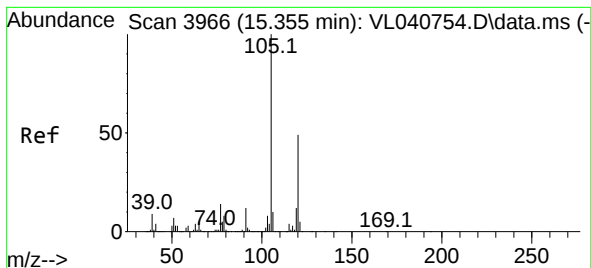


#72
4-Ethyltoluene
Concen: 1.050 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



Tgt Ion:105 Resp: 357589
Ion Ratio Lower Upper
105 100
120 32.9 25.0 37.4
91 13.1 9.8 14.8
77 15.4 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 1.054 ppbv

RT: 15.359 min Scan# 3966

Delta R.T. 0.003 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 32299

Ion Ratio Lower Upper

105 100

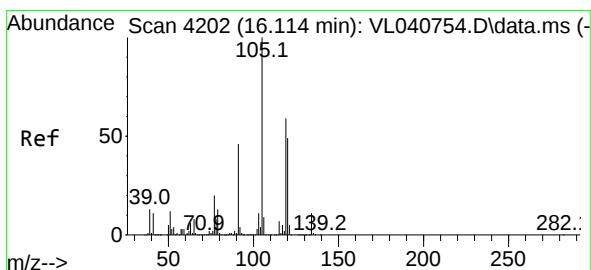
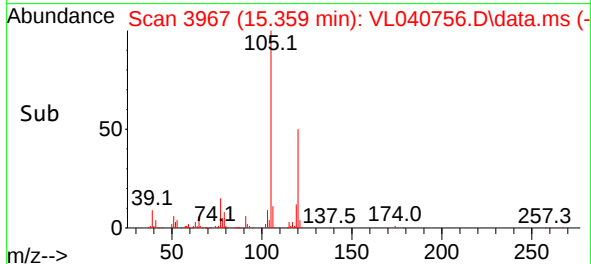
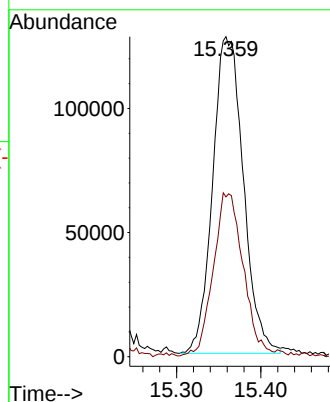
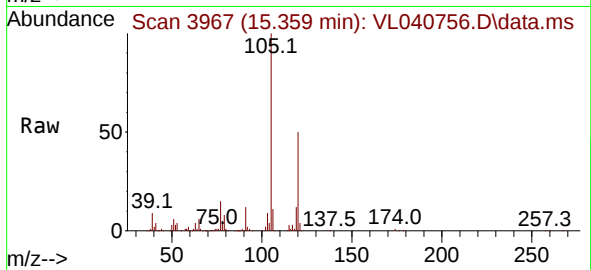
120 50.3 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/12/2023

Supervised By :Mahesh Dadoda 10/16/2023



#74

1,2,4-Trimethylbenzene

Concen: 0.968 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. 0.000 min

Lab File: VL040756.D

Acq: 11 Oct 2023 13:18

Tgt Ion:105 Resp: 361805

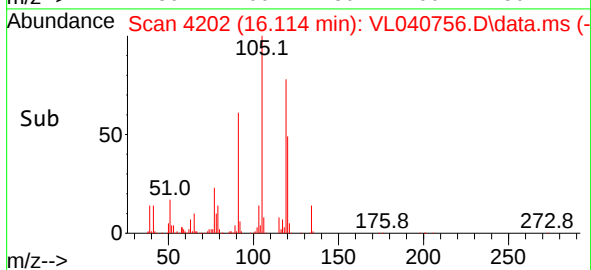
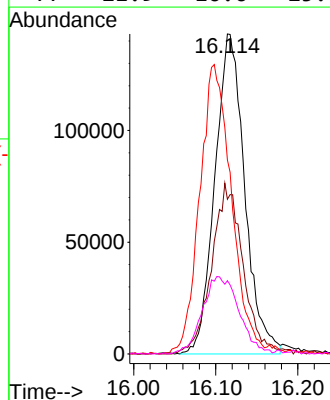
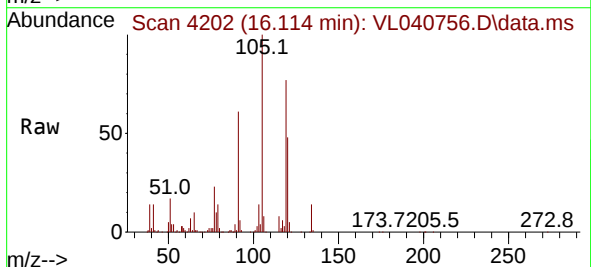
Ion Ratio Lower Upper

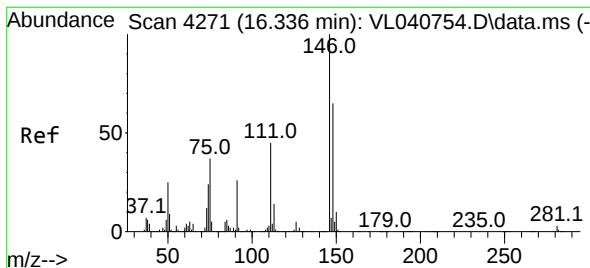
105 100

120 47.1 39.4 59.2

91 59.5 38.6 58.0#

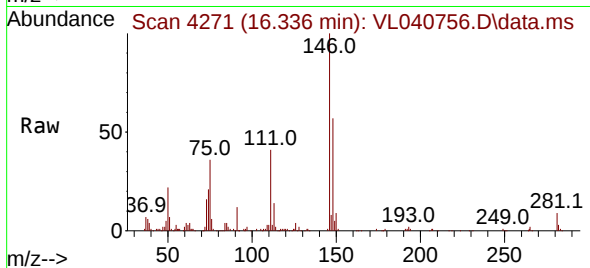
77 21.9 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 1.019 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.000 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

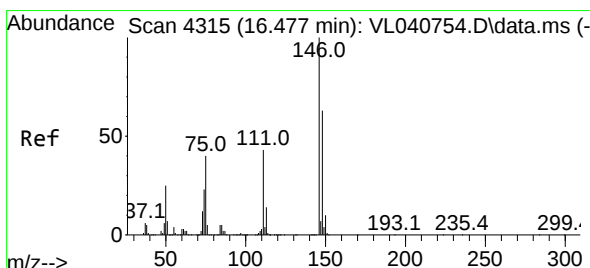
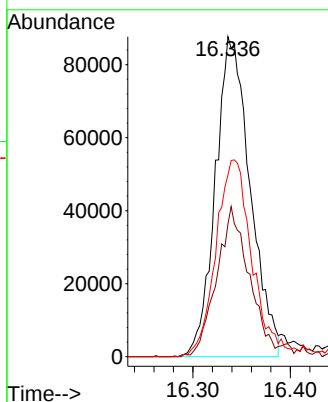
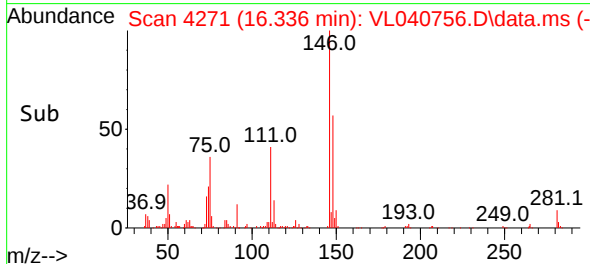
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



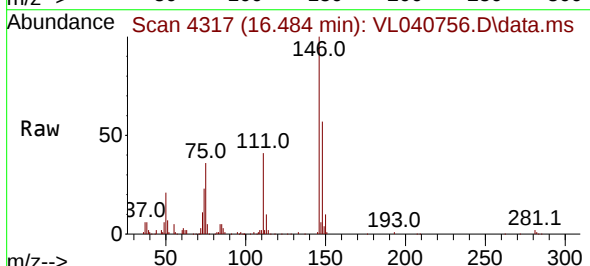
Tgt Ion:146 Resp: 216939
Ion Ratio Lower Upper
146 100
111 46.1 22.6 67.7
148 64.1 32.4 97.0

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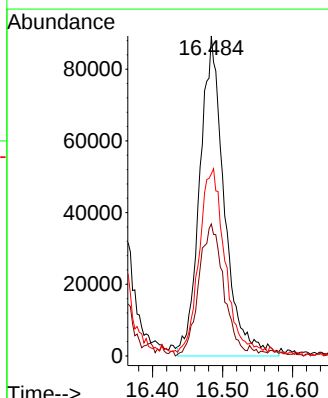
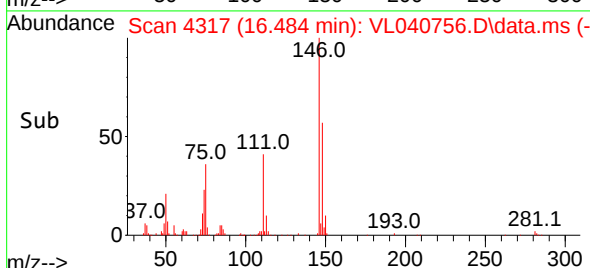
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

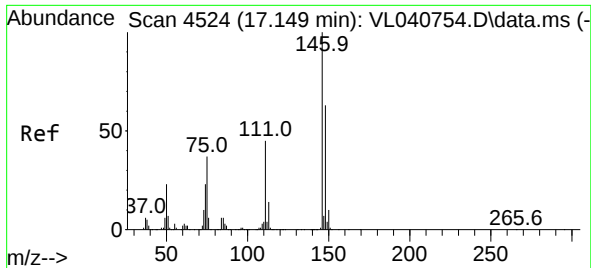


#76
1,4-Dichlorobenzene
Concen: 1.043 ppbv m
RT: 16.484 min Scan# 4317
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



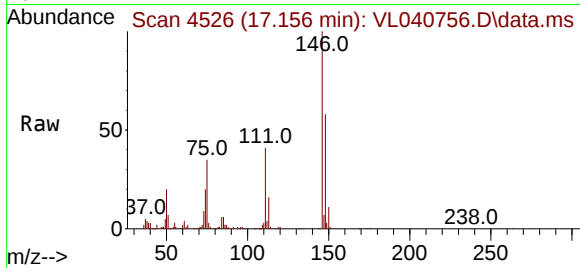
Tgt Ion:146 Resp: 218465
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 63.4 33.4 100.1





#77
1,2-Dichlorobenzene
Concen: 0.977 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. 0.006 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

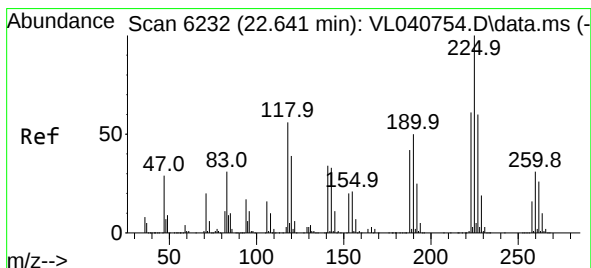
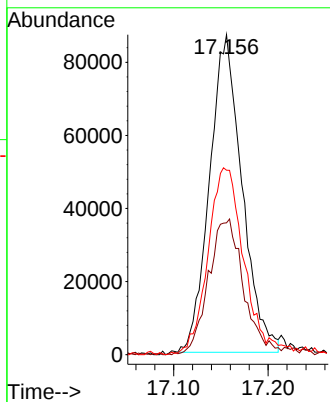
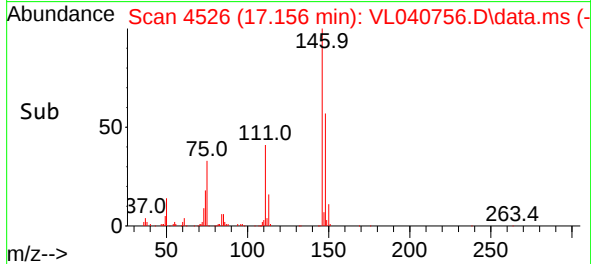
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



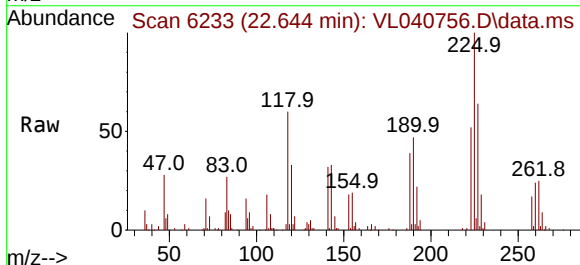
Tgt Ion:146 Resp: 207258
Ion Ratio Lower Upper
146 100
111 47.8 22.9 68.8
148 67.0 32.3 96.8

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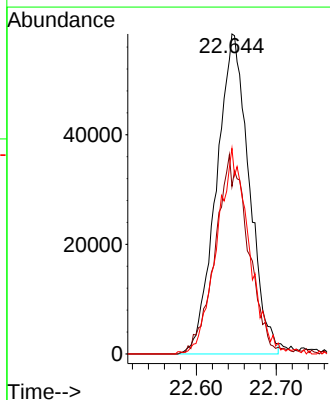
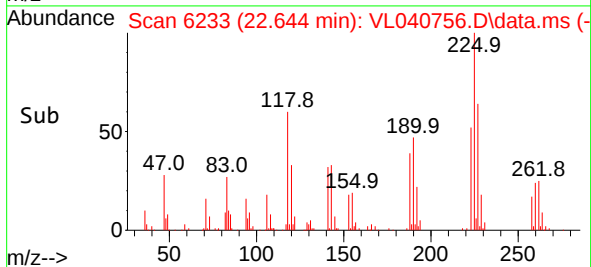
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023

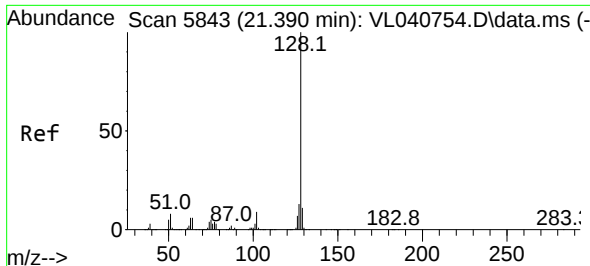


#78
Hexachloro-1,3-Butadiene
Concen: 1.034 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. 0.003 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18



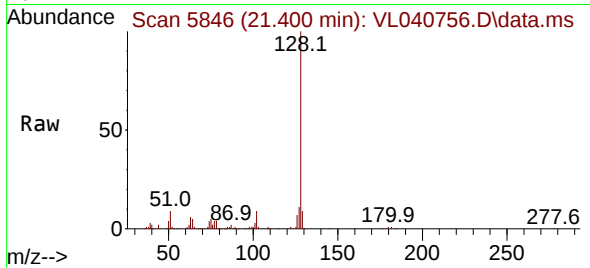
Tgt Ion:225 Resp: 165894
Ion Ratio Lower Upper
225 100
223 64.2 50.7 76.1
227 64.1 51.4 77.0





#79
Naphthalene
Concen: 1.236 ppbv m
RT: 21.400 min Scan# 5843
Delta R.T. 0.010 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

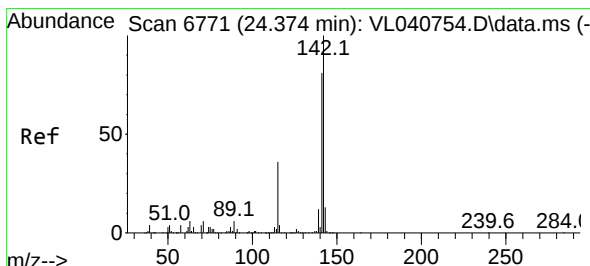
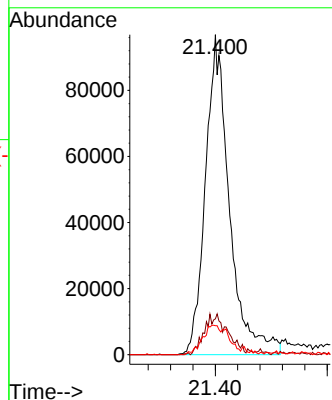
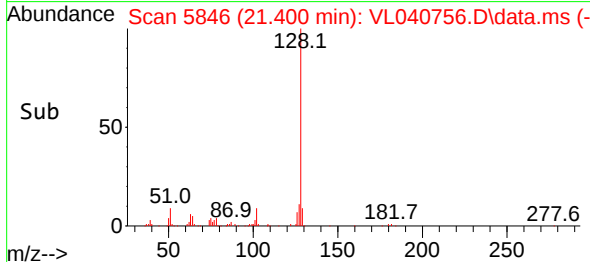
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion:128 Resp: 28757
Ion Ratio Lower Upper
128 100
127 11.2 10.6 15.8
129 9.0 9.0 13.4

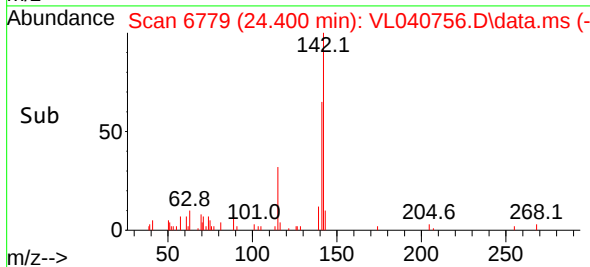
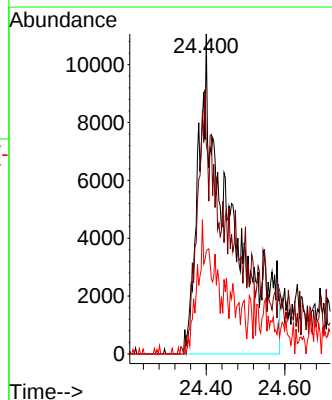
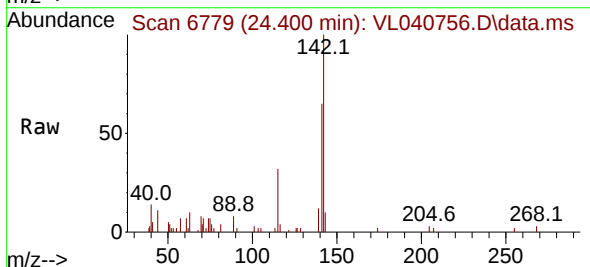
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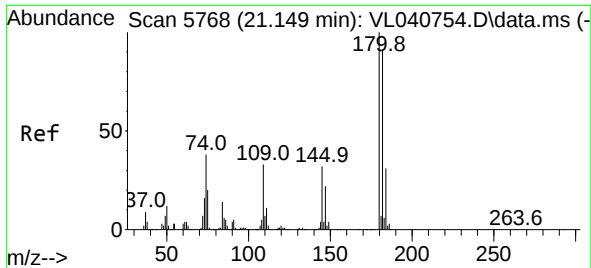
Reviewed By :Semsettin Yesilyurt 10/12/2023
Supervised By :Mahesh Dadoda 10/16/2023



#80
Naphthalene,2-methyl-
Concen: 1.055 ppbv m
RT: 24.400 min Scan# 6779
Delta R.T. 0.026 min
Lab File: VL040756.D
Acq: 11 Oct 2023 13:18

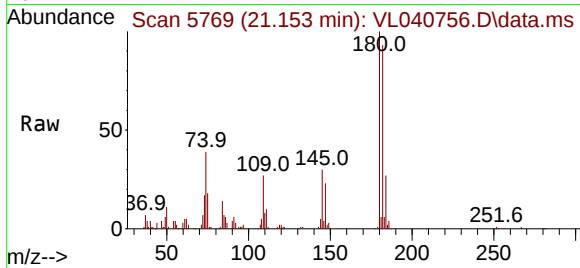
Tgt Ion:142 Resp: 60093
Ion Ratio Lower Upper
142 100
141 43.0 66.3 99.5#
115 22.2 30.0 45.0#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.949 ppbv
 RT: 21.153 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL040756.D
 Acq: 11 Oct 2023 13:18

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 14414
 Ion Ratio Lower Upper
 180 100
 182 97.4 77.9 116.9
 184 32.0 25.0 37.6

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

