

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040432.D
 Acq On : 16 May 2023 10:15
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: May 16 11:11:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 QLast Update : Thu Apr 13 14:37:02 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/17/2023
 Supervised By : Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Bromochloromethane	5.189	49	1088732	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2788819	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2637741	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	2065540	9.470	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	407644	2.077	ppbv	98
3) Chlorodifluoromethane	2.665	51	310830	2.185	ppbv	98
4) Chloromethane	2.803	50	189636	2.110	ppbv	99
5) Vinyl Chloride	2.912	62	162174	2.186	ppbv	97
6) Bromomethane	3.111	94	50692	2.074	ppbv	96
7) Chloroethane	3.192	64	60453	2.152	ppbv	91
8) Dichlorotetrafluoroethane	2.848	85	408598	2.130	ppbv	98
9) Propene	2.687	41	116022	2.064	ppbv	95
10) Heptane	7.581	43	279242	2.186	ppbv	99
11) Trichlorofluoromethane	3.555	101	414054	2.084	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	306057	2.202	ppbv	98
13) Ethanol	3.250	45	9305m	1.983	ppbv	
14) Bromoethene	3.362	108	121249	2.133	ppbv	99
15) Acetone	3.465	43	299279	1.941	ppbv	99
16) 1,3-Butadiene	2.976	39	138957	2.177	ppbv	99
17) tert-Butyl alcohol	3.873	59	313489	2.214	ppbv	99
18) 1,1-Dichloroethene	3.877	96	132732	2.117	ppbv	97
19) Isopropyl Alcohol	3.578	45	152931	2.174	ppbv	# 96
20) Methylene Chloride	3.928	84	142292	2.311	ppbv	97
21) Allyl Chloride	3.989	41	184020	2.100	ppbv	97
22) trans-1,2-Dichloroethene	4.443	96	131412	2.097	ppbv	95
23) Vinyl Acetate	4.626	43	85498m	2.178	ppbv	
24) 1,1-Dichloroethane	4.558	63	276784	2.118	ppbv	100
25) Ethyl Acetate	5.205	43	573446	2.210	ppbv	99
26) Hexane	5.208	57	242104	2.213	ppbv	97
27) Carbon Disulfide	4.121	76	304370	2.150	ppbv	99
28) Methyl tert-Butyl Ether	4.587	73	257844	2.283	ppbv	100
29) Chloroform	5.272	83	419821	2.154	ppbv	96
30) Cyclohexane	6.600	84	177578	2.096	ppbv	96
31) cis-1,2-Dichloroethene	5.076	61	228475	2.107	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	411663	2.174	ppbv	98
34) 2-Butanone	4.787	43	301240	2.003	ppbv	100
35) Carbon Tetrachloride	6.497	117	403935	2.058	ppbv	98
36) Benzene	6.372	78	491387	2.160	ppbv	98
37) 1,2-Dichloroethane	5.806	62	312571	2.091	ppbv	98
38) Trichloroethene	7.295	130	289994	2.239	ppbv	98
39) 1,2-Dichloropropane	7.073	63	191463	2.139	ppbv	99
40) 1,4-Dioxane	7.301	88	65921	1.923	ppbv	# 1
41) Tetrahydrofuran	5.565	42	183288	2.226	ppbv	97
42) Bromodichloromethane	7.253	83	422591	2.070	ppbv	96
43) Methyl Methacrylate	7.484	69	182852m	2.164	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	827160	2.176	ppbv	100
45) t-1,3-Dichloropropene	8.716	75	143500	1.901	ppbv	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
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 Misc : 400mL/MSVOA_L
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Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 16 11:11:52 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M

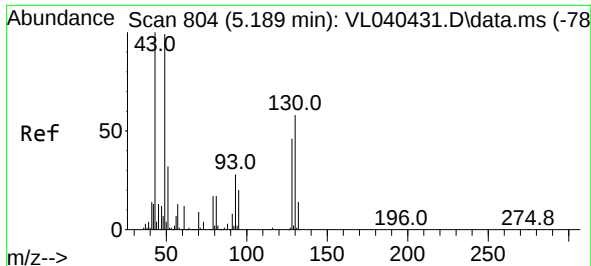
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Apr 13 14:37:02 2023

Response via : Initial Calibration

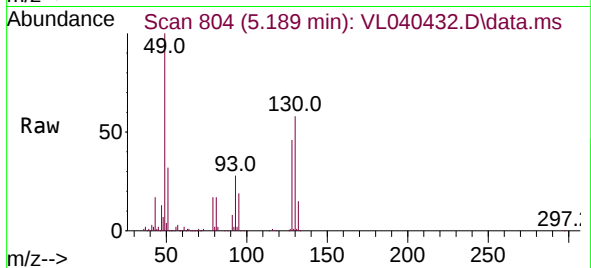
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	211749	2.015	ppbv	96
47) 1,1,2-Trichloroethane	8.905	97	199878	2.036	ppbv	96
48) Dibromochloromethane	9.716	129	329580	2.085	ppbv	98
49) Bromoform	12.417	173	257050	2.085	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	493763	2.165	ppbv	98
51) 2-Hexanone	9.565	43	376243	2.233	ppbv #	98
52) Tetrachloroethene	10.619	164	157988m	2.220	ppbv	
53) Toluene	9.230	91	528307	2.190	ppbv	99
54) 1,2-Dibromoethane	10.015	107	209575	2.106	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	256741	2.132	ppbv #	1
57) Chlorobenzene	11.532	112	428763	2.076	ppbv	98
58) Ethyl Benzene	12.095	91	716366	2.208	ppbv	100
59) m/p-Xylene	12.375	91	1332389m	4.465	ppbv	
60) o-Xylene	13.066	91	627066	2.190	ppbv	99
61) Styrene	12.909	104	320464	2.234	ppbv	99
62) Isopropylbenzene	14.040	105	908235	2.202	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.056	83	215120	2.053	ppbv	99
64) n-propylbenzene	14.925	120	225478	2.222	ppbv	89
65) tert-Butylbenzene	16.098	119	817820	2.254	ppbv	97
66) Benzyl Chloride	16.339	91	41415m	1.843	ppbv	
67) sec-Butylbenzene	16.645	105	1198721	2.300	ppbv	99
69) p-Isopropyltoluene	17.005	119	951121	2.337	ppbv	99
70) n-Butylbenzene	17.899	91	1073408	2.379	ppbv	98
71) 2-Chlorotoluene	14.809	91	708229	2.237	ppbv	99
72) 4-Ethyltoluene	15.204	105	714010	2.258	ppbv	100
73) 1,3,5-Trimethylbenzene	15.359	105	657368	2.251	ppbv	95
74) 1,2,4-Trimethylbenzene	16.117	105	754409	2.260	ppbv	91
75) 1,3-Dichlorobenzene	16.339	146	407087	2.227	ppbv	98
76) 1,4-Dichlorobenzene	16.484	146	387890	2.147	ppbv	97
77) 1,2-Dichlorobenzene	17.153	146	405893	2.245	ppbv	99
78) Hexachloro-1,3-Butadiene	22.644	225	300751	2.075	ppbv	99
79) Naphthalene	21.400	128	541032	2.401	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	163685	2.441	ppbv	96
81) 1,2,4-Trichlorobenzene	21.149	180	293117	2.117	ppbv	100

(#) = 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: VL040432.D
Acq: 16 May 2023 10:15

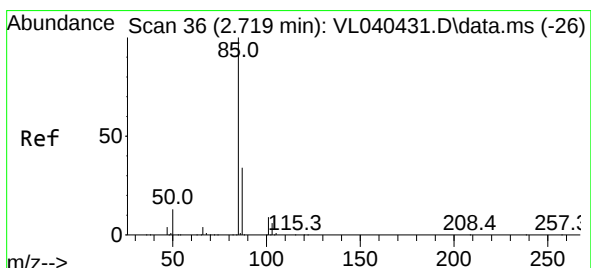
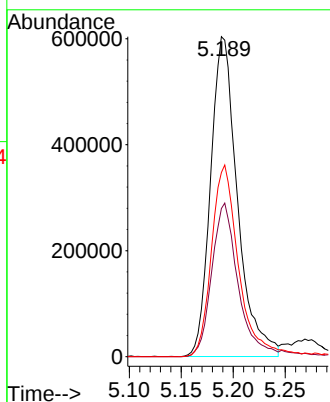
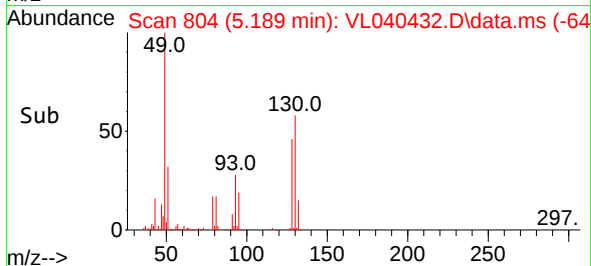
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



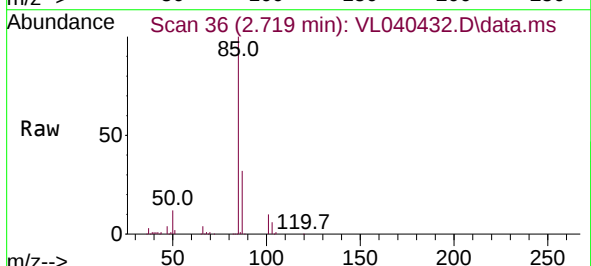
Tgt Ion: 49 Resp: 108873
Ion Ratio Lower Upper
49 100
128 48.6 23.7 71.1
130 62.0 29.9 89.8

Manual Integrations
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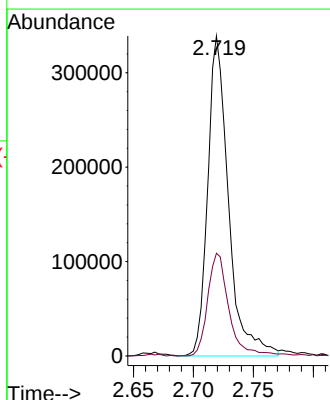
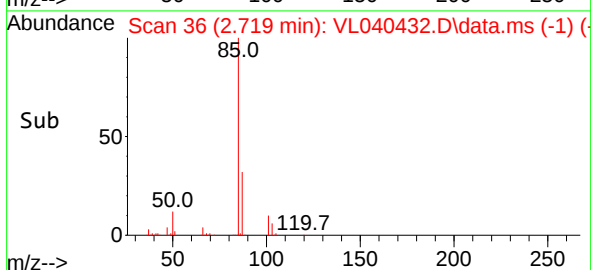
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

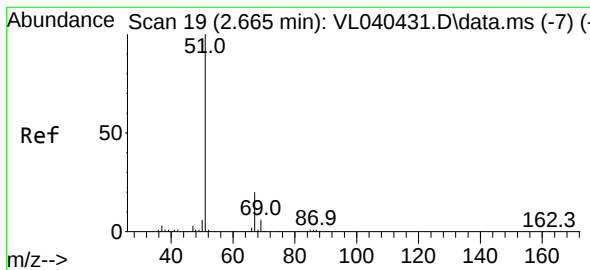


#2
Dichlorodifluoromethane
Concen: 2.077 ppbv
RT: 2.719 min Scan# 36
Delta R.T. 0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



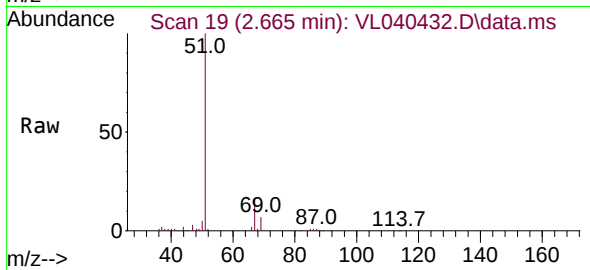
Tgt Ion: 85 Resp: 407644
Ion Ratio Lower Upper
85 100
87 32.1 26.6 40.0





#3
Chlorodifluoromethane
Concen: 2.185 ppbv
RT: 2.665 min Scan# 19
Delta R.T. 0.004 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

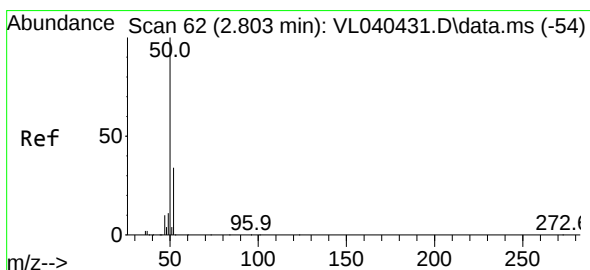
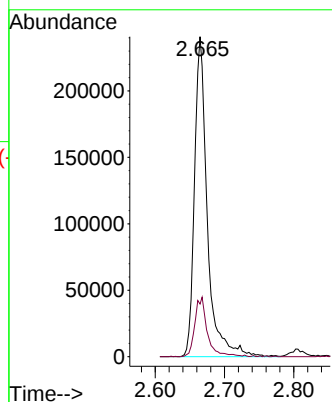
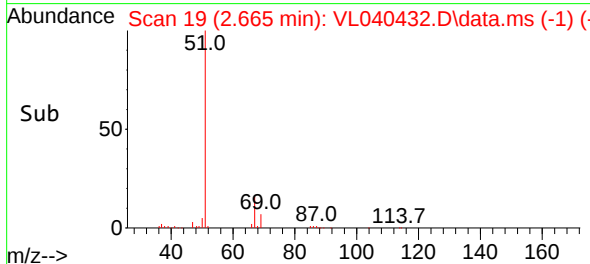
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



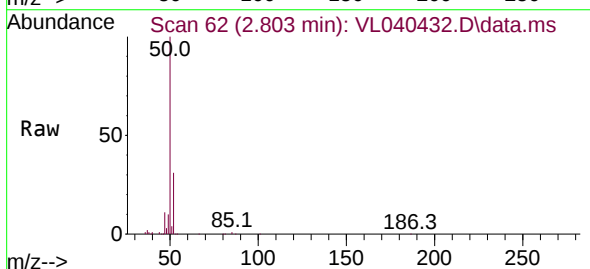
Tgt Ion: 51 Resp: 310830
Ion Ratio Lower Upper
51 100
67 18.5 15.5 23.3

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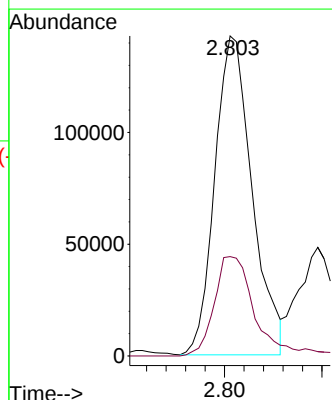
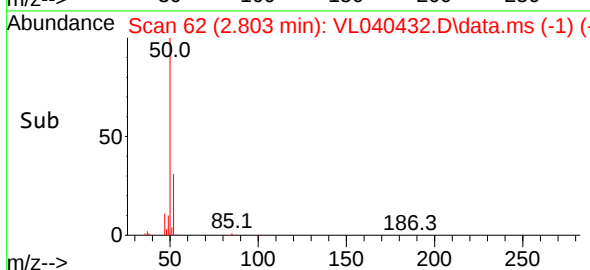
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

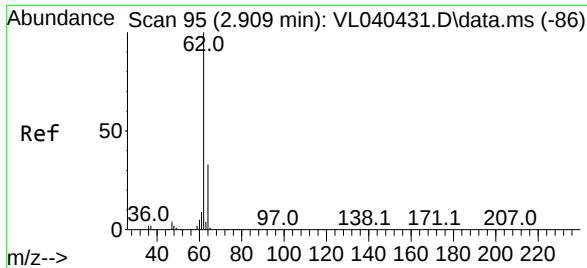


#4
Chloromethane
Concen: 2.110 ppbv
RT: 2.803 min Scan# 62
Delta R.T. 0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion: 50 Resp: 189636
Ion Ratio Lower Upper
50 100
52 31.2 25.3 37.9





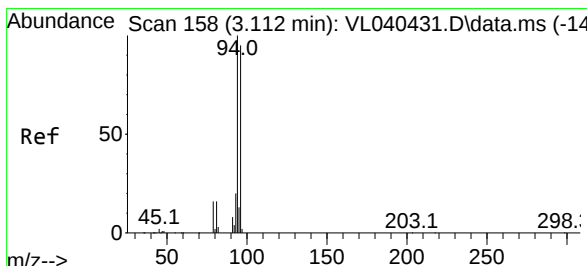
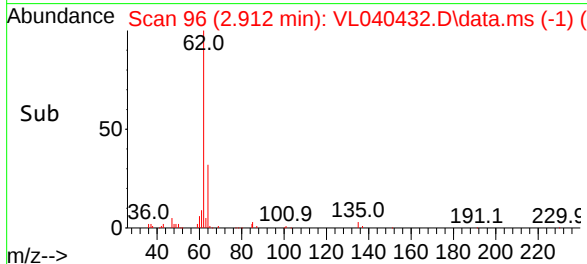
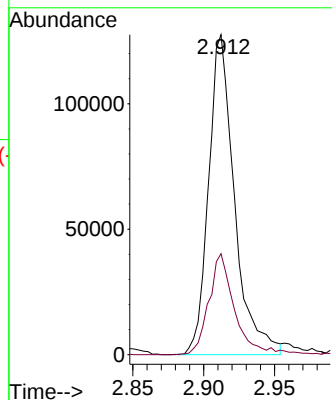
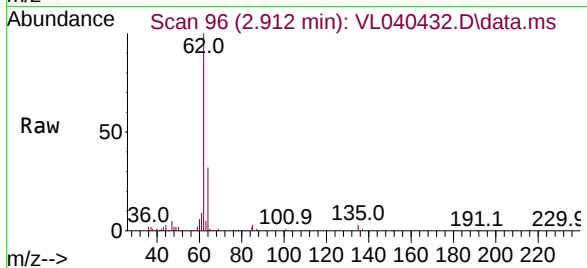
#5
 Vinyl Chloride
 Concen: 2.186 ppbv
 RT: 2.912 min Scan# 95
 Delta R.T. 0.003 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 62 Resp: 162174
 Ion Ratio Lower Upper
 62 100
 64 31.4 26.3 39.5

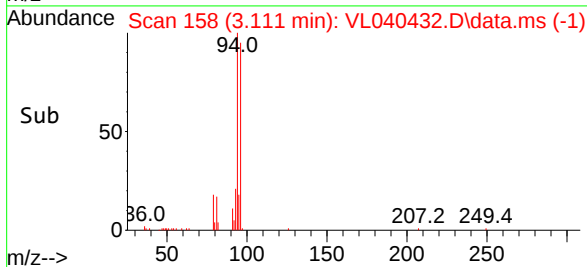
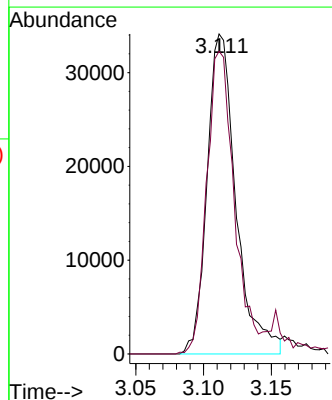
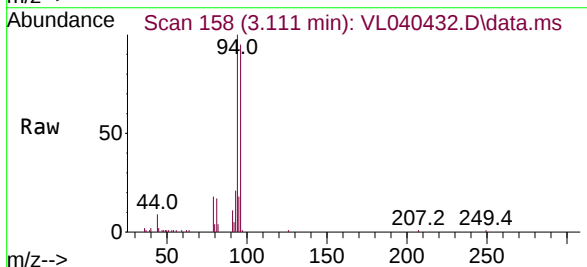
Manual Integrations
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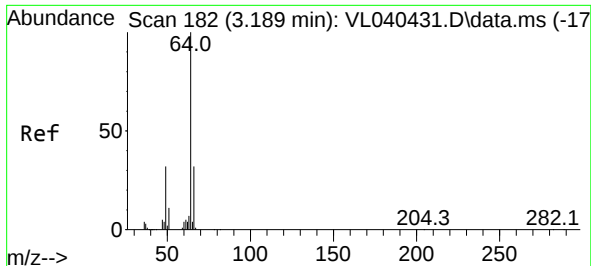
Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#6
 Bromomethane
 Concen: 2.074 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. 0.003 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 94 Resp: 50692
 Ion Ratio Lower Upper
 94 100
 96 94.0 72.6 108.8





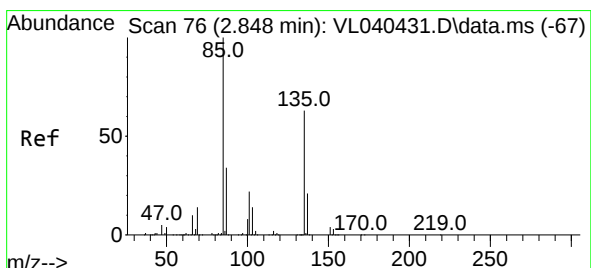
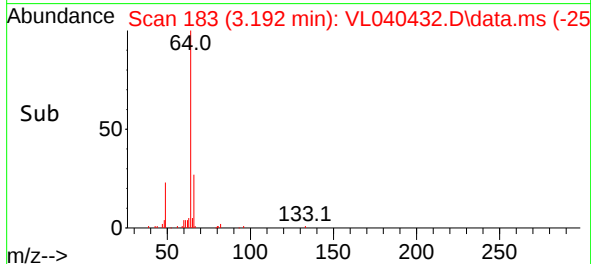
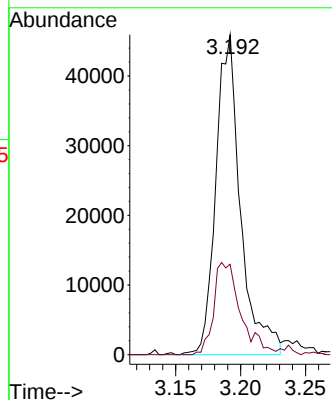
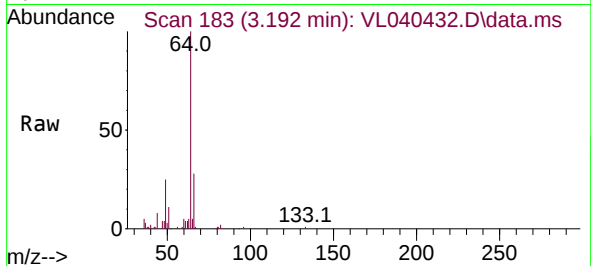
#7
Chloroethane
Concen: 2.152 ppbv
RT: 3.192 min Scan# 182
Delta R.T. 0.007 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 60458
Ion Ratio Lower Upper
64 100
66 29.3 27.5 41.3

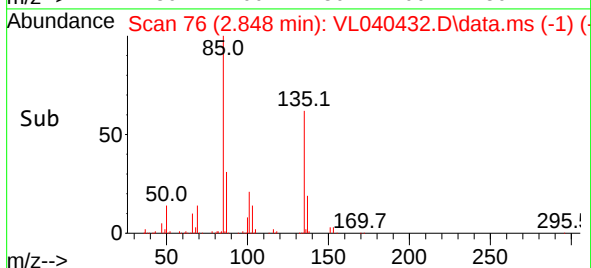
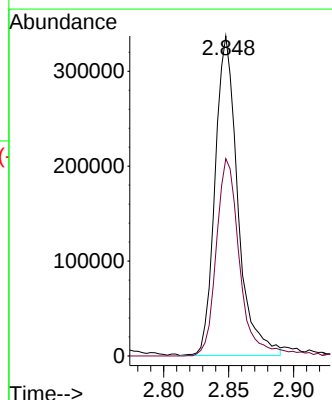
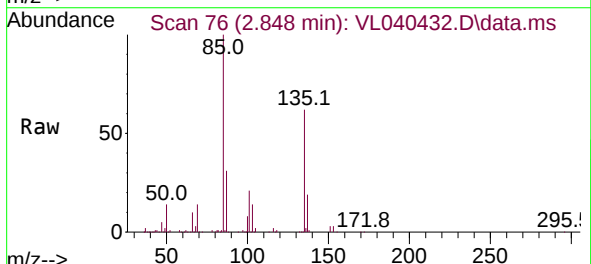
Manual Integrations
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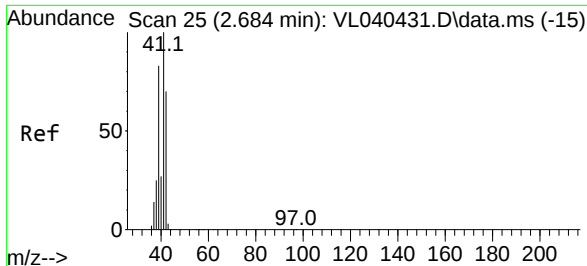
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#8
Dichlorotetrafluoroethane
Concen: 2.130 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

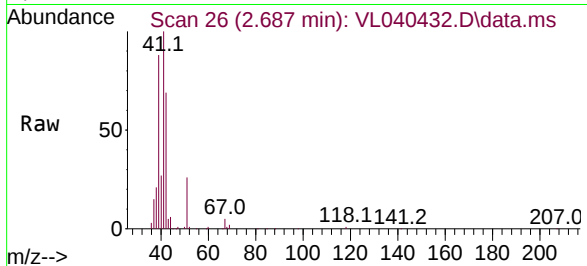
Tgt Ion: 85 Resp: 408598
Ion Ratio Lower Upper
85 100
135 64.7 50.7 76.1





#9
 Propene
 Concen: 2.064 ppbv
 RT: 2.687 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

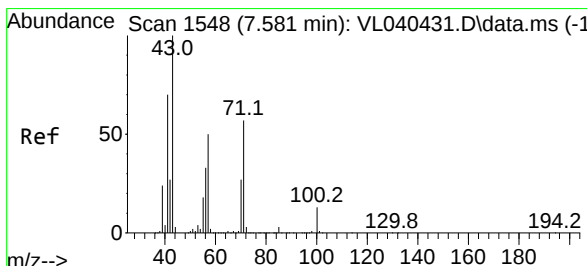
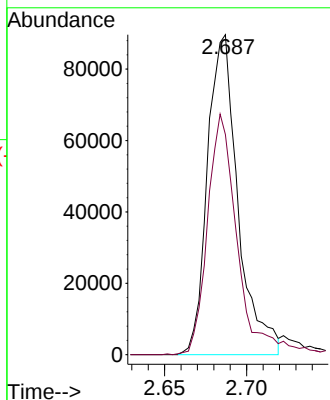
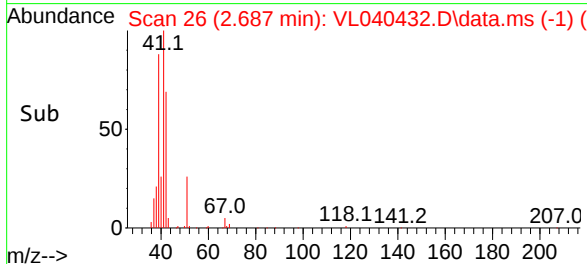
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



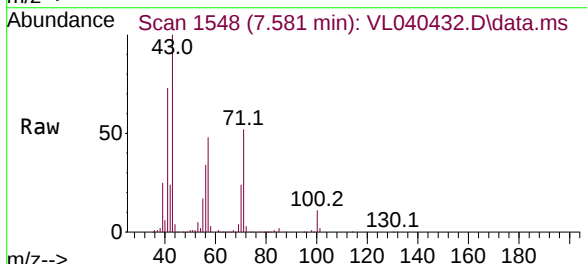
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 Ion Ratio Lower Upper
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 42 74.9 56.5 84.7

Manual Integrations
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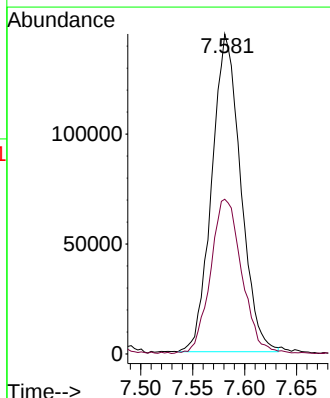
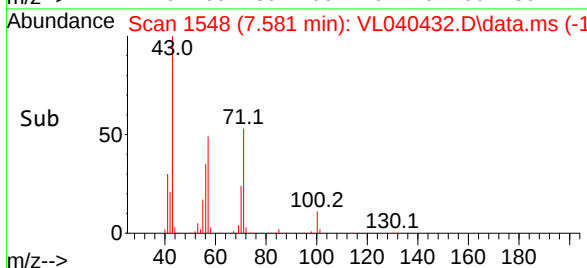
Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

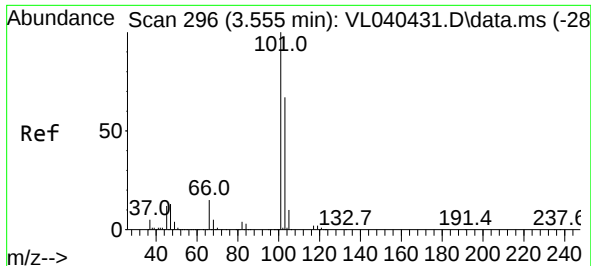


#10
 Heptane
 Concen: 2.186 ppbv
 RT: 7.581 min Scan# 1548
 Delta R.T. -0.000 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15



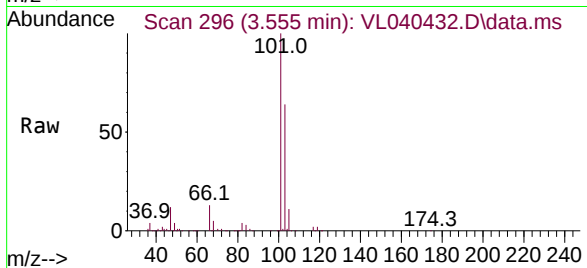
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 Ion Ratio Lower Upper
 43 100
 57 53.6 42.2 63.4





#11
 Trichlorofluoromethane
 Concen: 2.084 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. 0.003 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

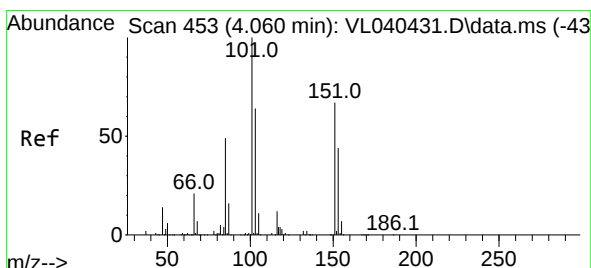
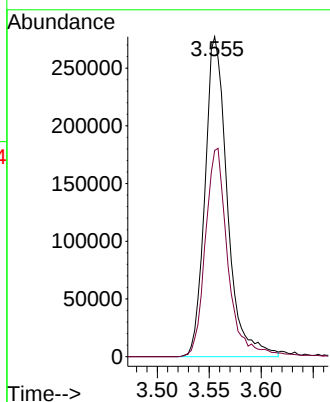
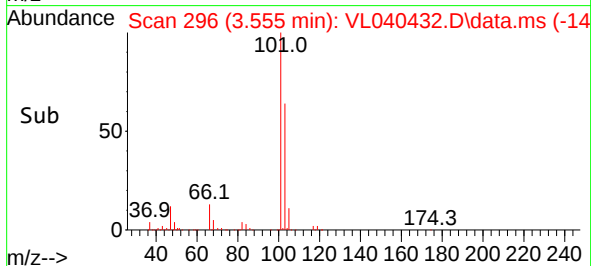
Instrument : MSVOA_L
 ClientSampleId : VSTDIC002



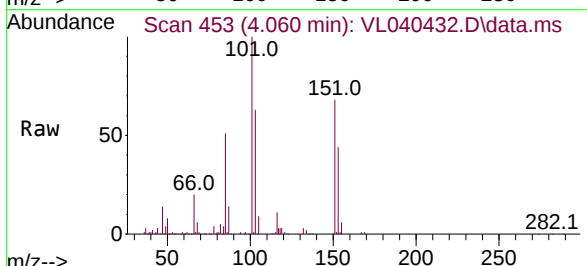
Tgt Ion:101 Resp: 414054
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.2 78.4

Manual Integrations
 APPROVED

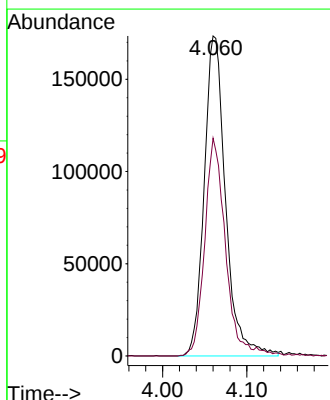
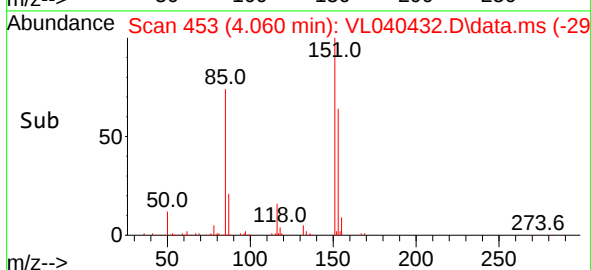
Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

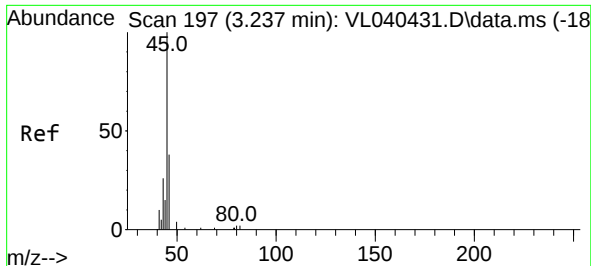


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.202 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.000 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15



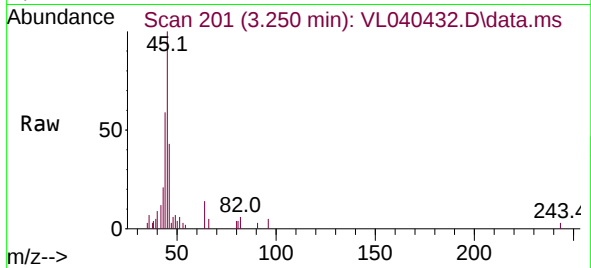
Tgt Ion:101 Resp: 306057
 Ion Ratio Lower Upper
 101 100
 151 66.9 54.7 82.1





#13
Ethanol
Concen: 1.983 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.020 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

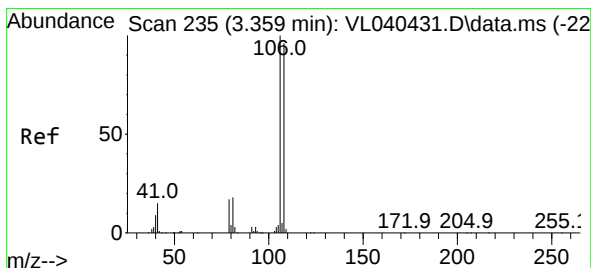
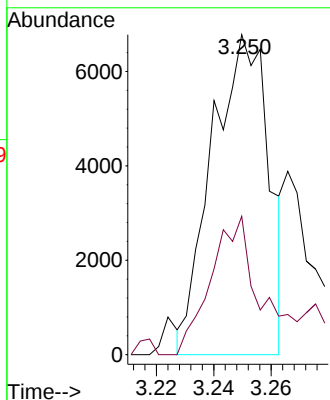
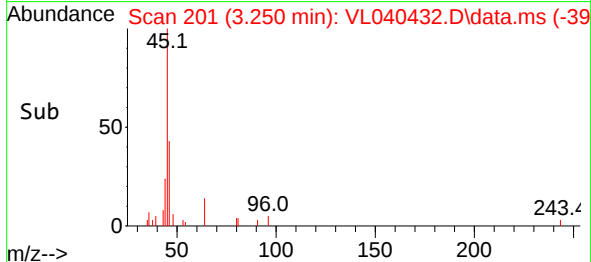
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



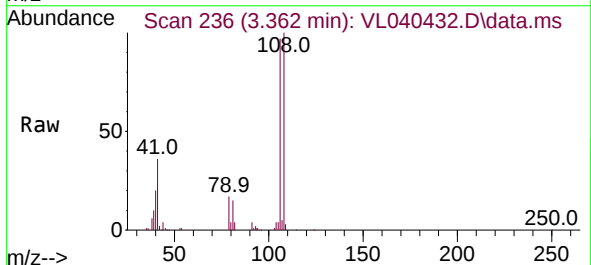
Tgt Ion: 45 Resp: 930
Ion Ratio Lower Upper
45 100
46 48.9 15.3 61.3

Manual Integrations
APPROVED

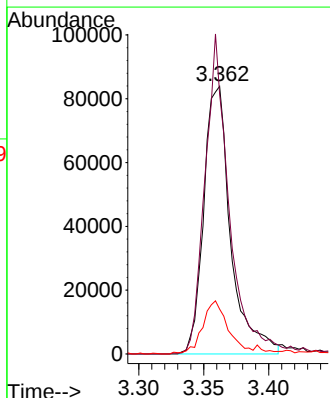
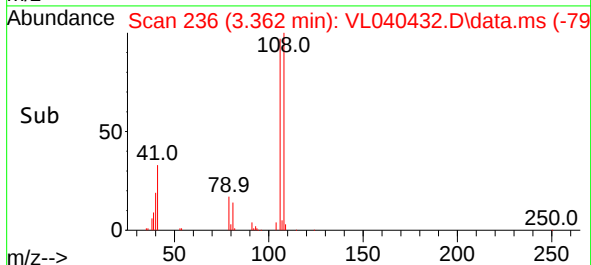
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

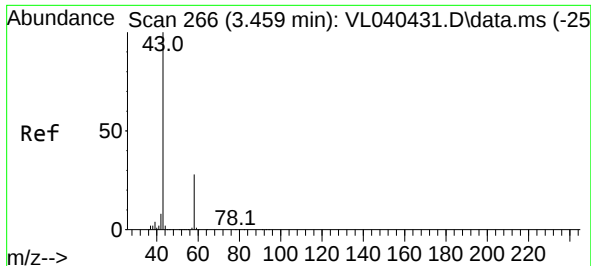


#14
Bromoethene
Concen: 2.133 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.006 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion:108 Resp: 121249
Ion Ratio Lower Upper
108 100
106 109.6 88.3 132.5
79 22.0 16.1 24.1





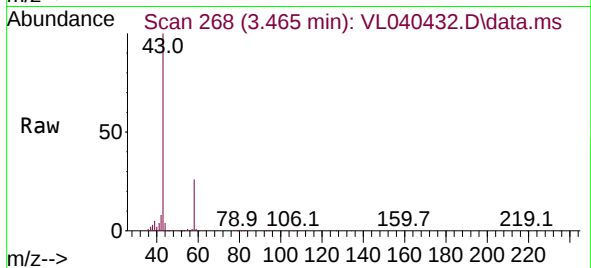
#15
Acetone
Concen: 1.941 ppbv
RT: 3.465 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

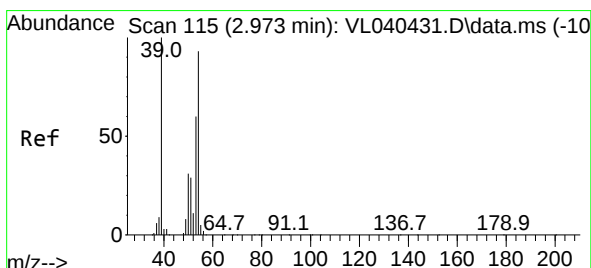
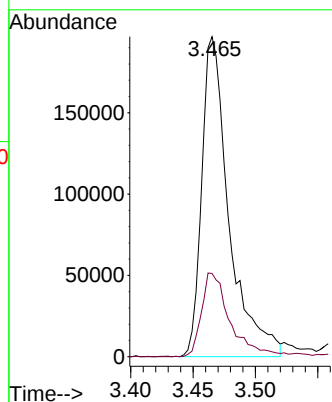
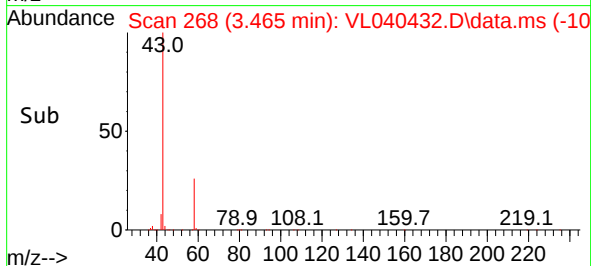


Tgt Ion: 43 Resp: 299279
Ion Ratio Lower Upper
43 100
58 28.1 22.2 33.2

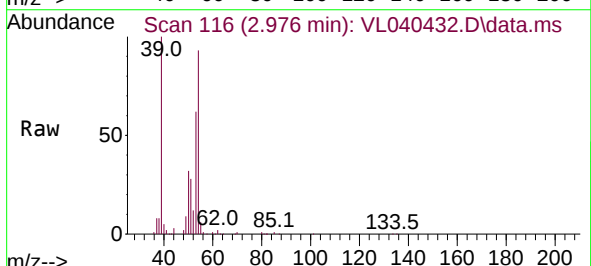
Manual Integrations

APPROVED

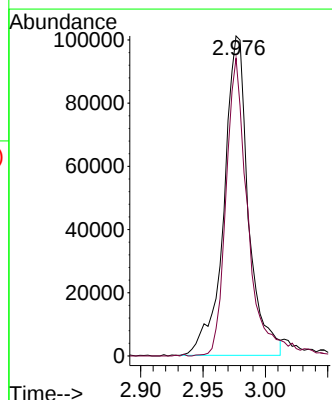
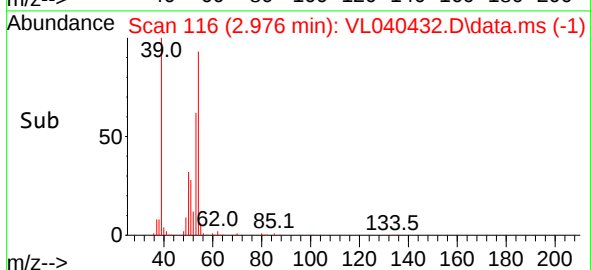
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

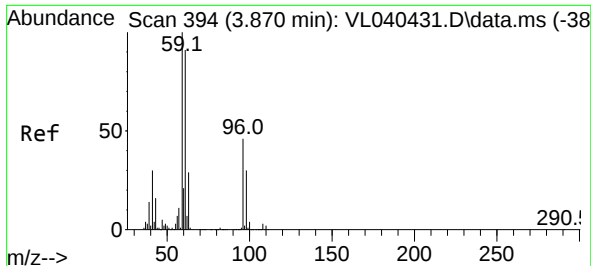


#16
1,3-Butadiene
Concen: 2.177 ppbv
RT: 2.976 min Scan# 116
Delta R.T. 0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion: 39 Resp: 138957
Ion Ratio Lower Upper
39 100
54 85.1 68.8 103.2





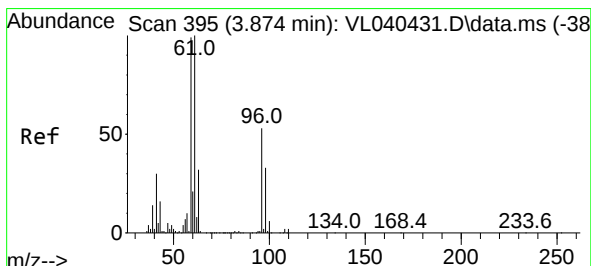
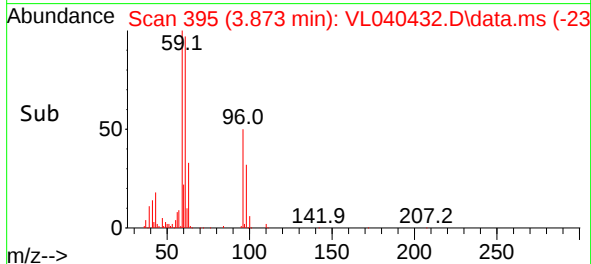
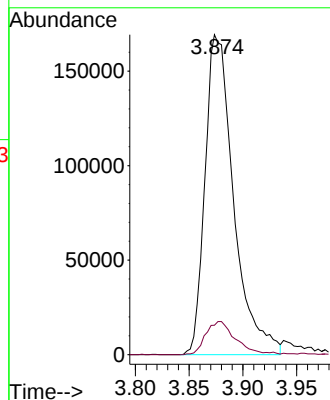
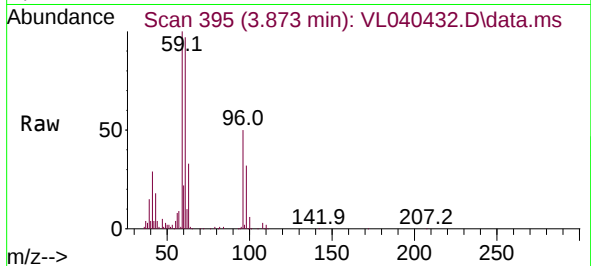
#17
tert-Butyl alcohol
Concen: 2.214 ppbv
RT: 3.873 min Scan# 394
Delta R.T. 0.006 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 59 Resp: 313489
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

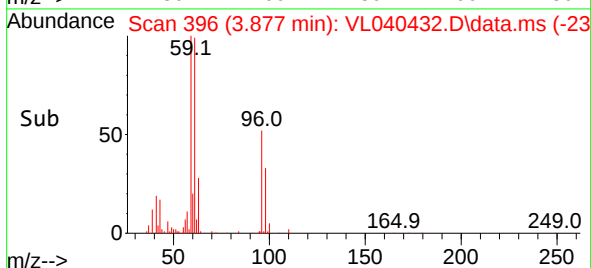
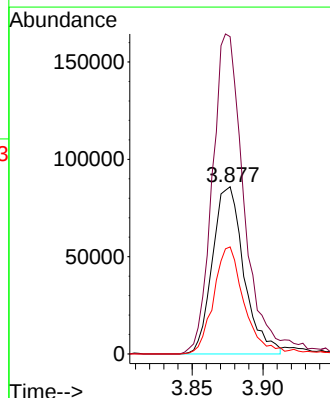
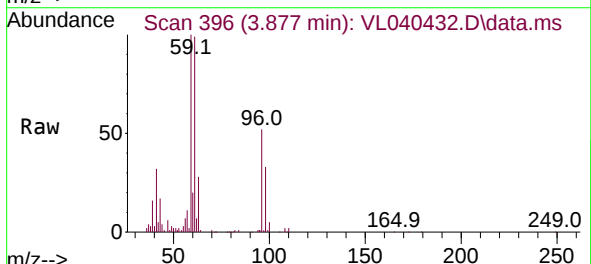
Manual Integrations
APPROVED

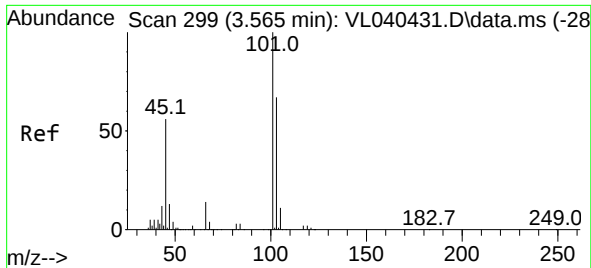
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#18
1,1-Dichloroethene
Concen: 2.117 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.007 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 96 Resp: 132732
Ion Ratio Lower Upper
96 100
61 189.8 148.3 222.5
98 64.1 49.8 74.8





#19

Isopropyl Alcohol

Concen: 2.174 ppbv

RT: 3.578 min Scan# 303

Delta R.T. 0.013 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 45 Resp: 15293

Ion Ratio Lower Upper

45 100

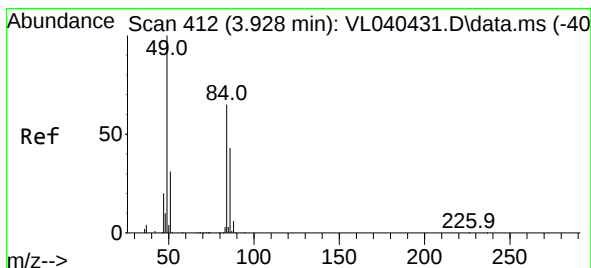
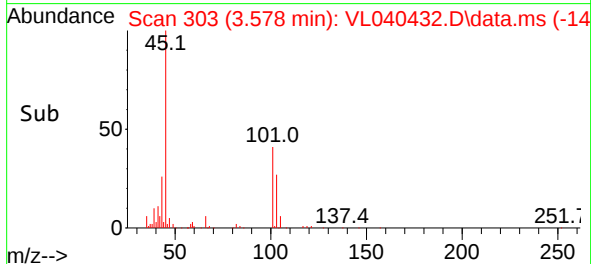
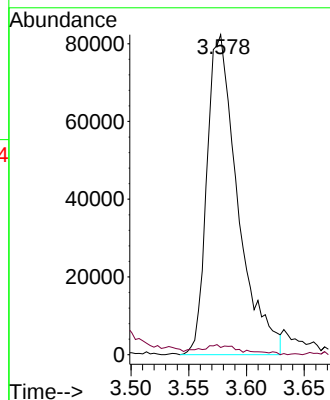
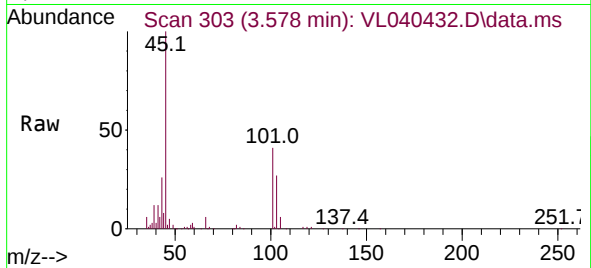
58 4.7 2.6 4.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#20

Methylene Chloride

Concen: 2.311 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.003 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Tgt Ion: 84 Resp: 142292

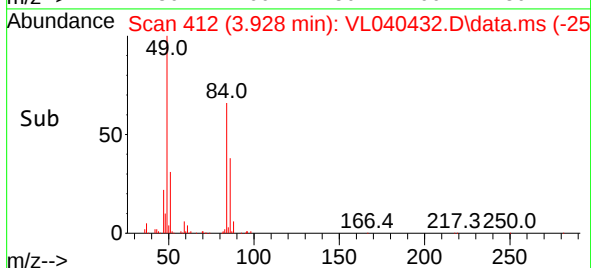
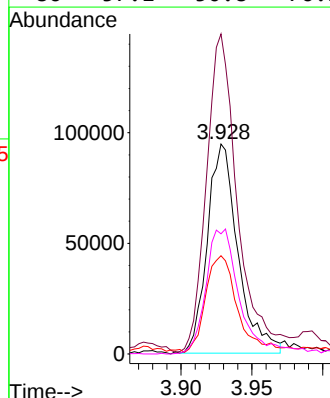
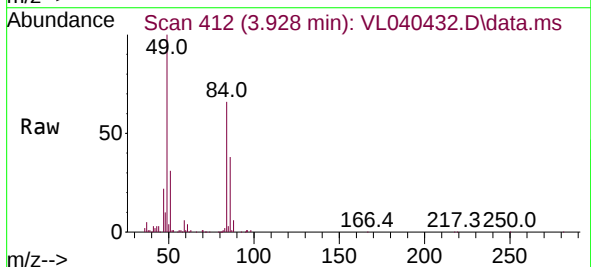
Ion Ratio Lower Upper

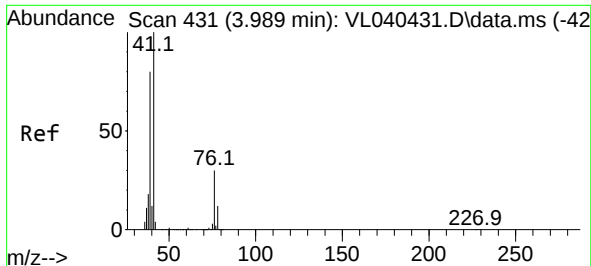
84 100

49 151.8 120.1 180.1

51 44.8 36.3 54.5

86 57.1 50.8 76.2





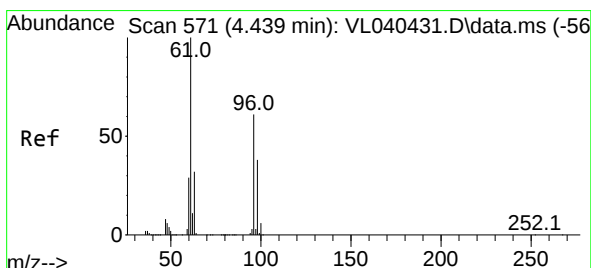
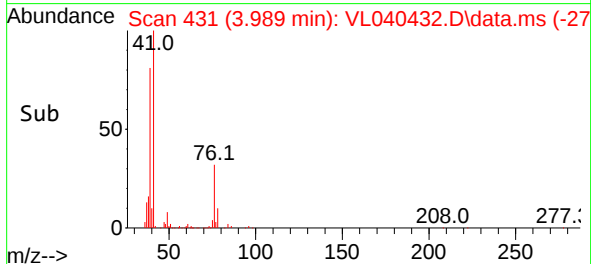
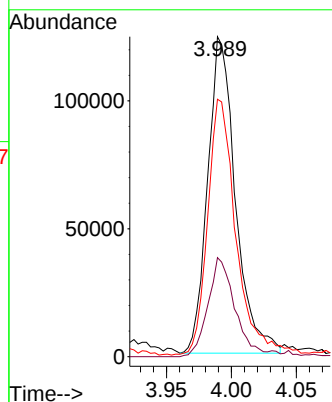
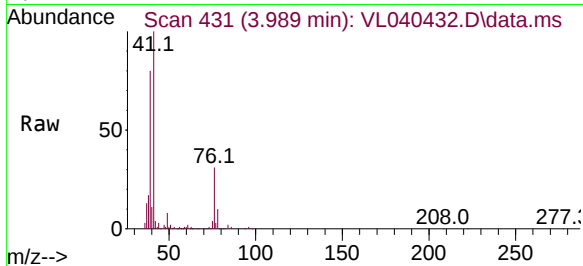
#21
 Allyl Chloride
 Concen: 2.100 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 41 Resp: 184020
 Ion Ratio Lower Upper
 41 100
 76 31.8 25.5 38.3
 39 83.2 64.0 96.0

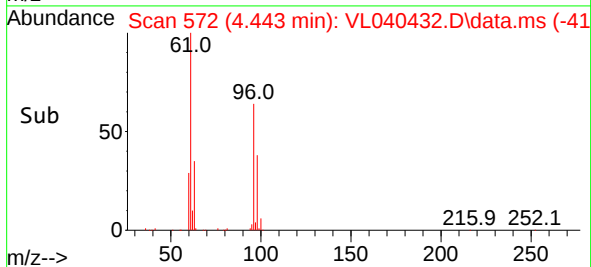
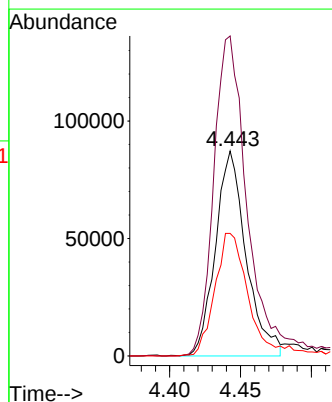
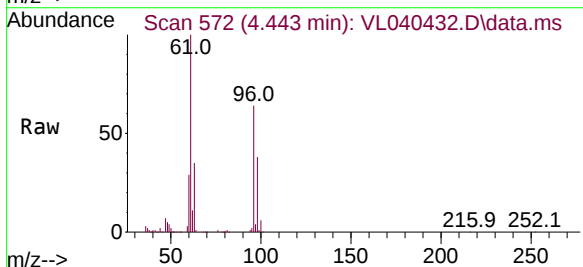
Manual Integrations
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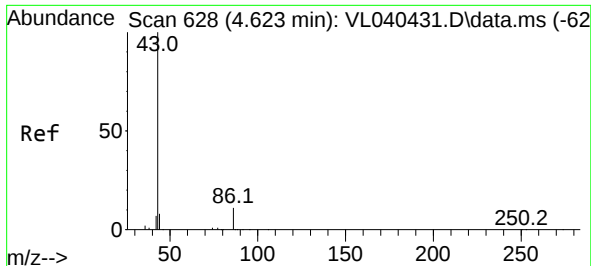
Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#22
 trans-1,2-Dichloroethene
 Concen: 2.097 ppbv
 RT: 4.443 min Scan# 572
 Delta R.T. 0.004 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 96 Resp: 131412
 Ion Ratio Lower Upper
 96 100
 61 156.0 129.4 194.2
 98 59.6 51.0 76.4





#23
 Vinyl Acetate
 Concen: 2.178 ppbv m
 RT: 4.626 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

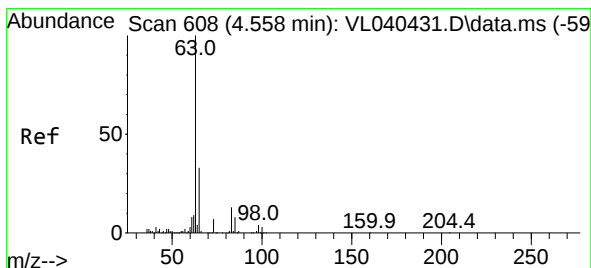
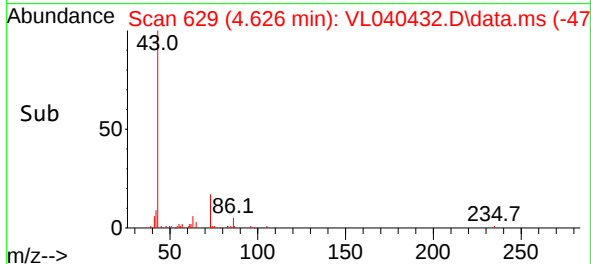
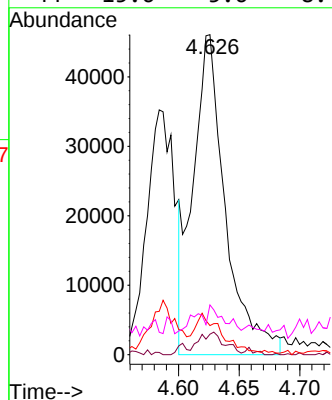
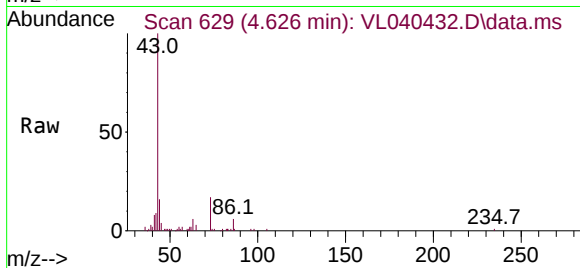
VSTDIC002

Tgt Ion: 43 Resp: 85498
 Ion Ratio Lower Upper
 43 100
 86 5.8 6.0 9.0
 42 9.1 6.4 9.6
 44 15.6 5.6 8.4#

Manual Integrations

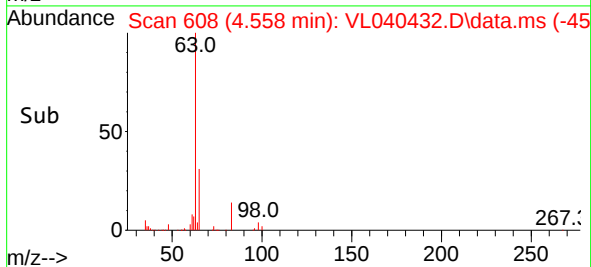
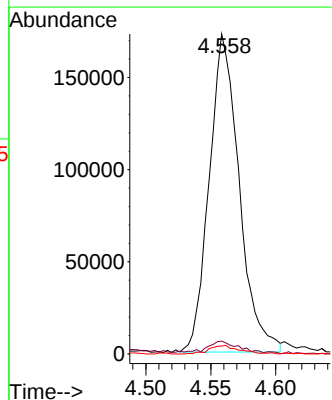
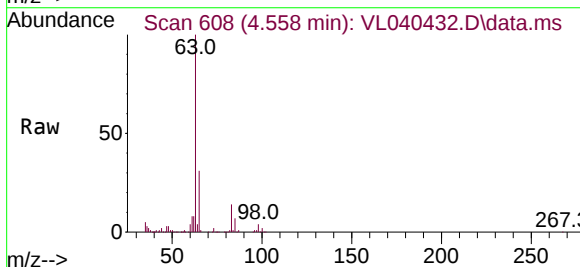
APPROVED

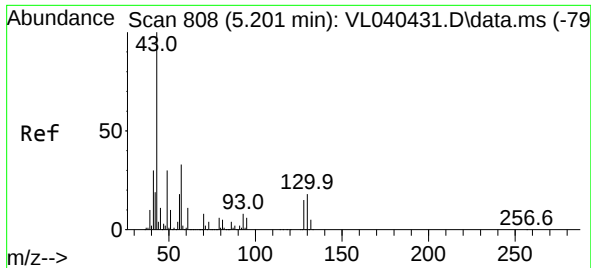
Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#24
 1,1-Dichloroethane
 Concen: 2.118 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

Tgt Ion: 63 Resp: 276784
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.5 1.2 3.6





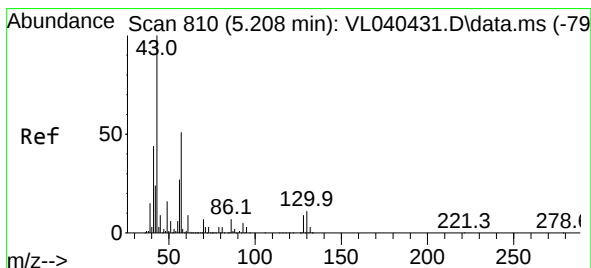
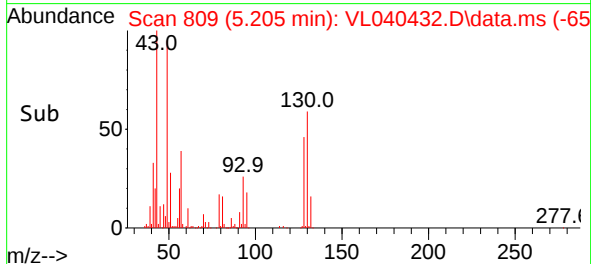
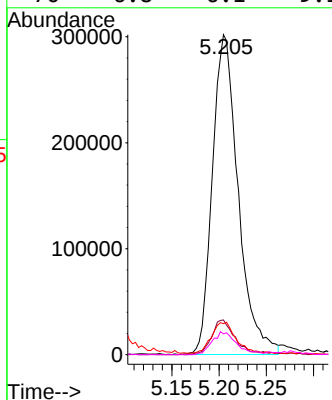
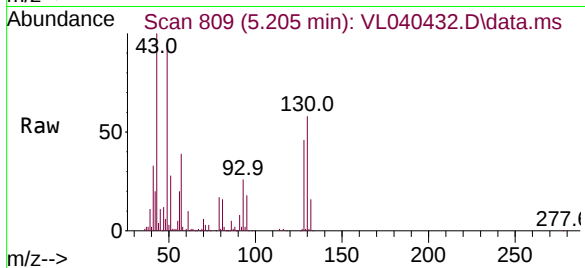
#25
Ethyl Acetate
Concen: 2.210 ppbv
RT: 5.205 min Scan# 808
Delta R.T. 0.004 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 573440
Ion Ratio Lower Upper
43 100
45 10.6 8.5 12.7
61 10.4 8.5 12.7
70 6.8 6.1 9.1

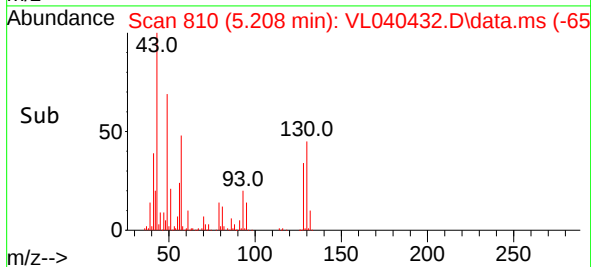
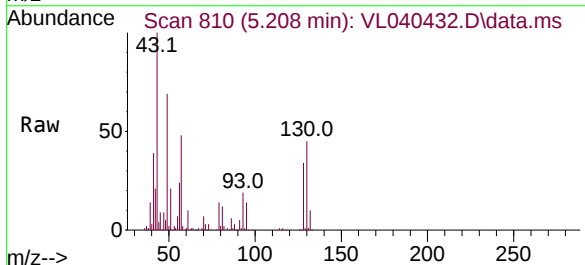
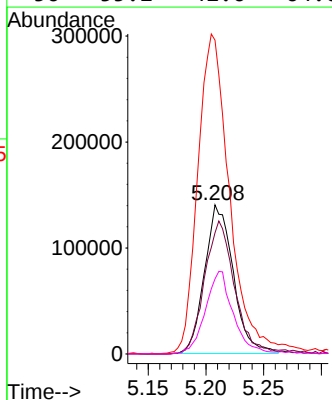
Manual Integrations
APPROVED

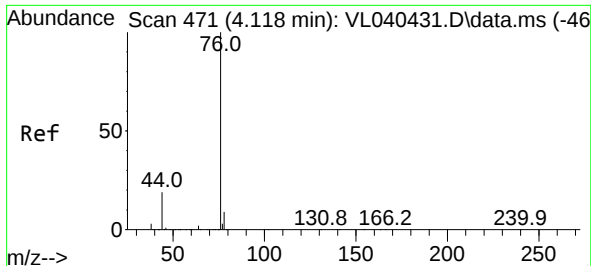
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#26
Hexane
Concen: 2.213 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

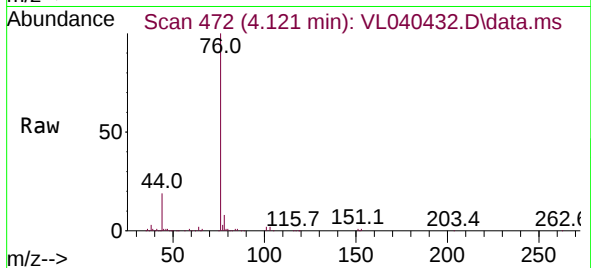
Tgt Ion: 57 Resp: 242104
Ion Ratio Lower Upper
57 100
41 96.4 74.8 112.2
43 246.8 192.7 289.1
56 55.2 42.6 64.0





#27
Carbon Disulfide
Concen: 2.150 ppbv
RT: 4.121 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

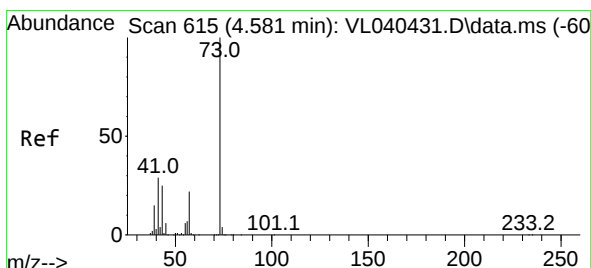
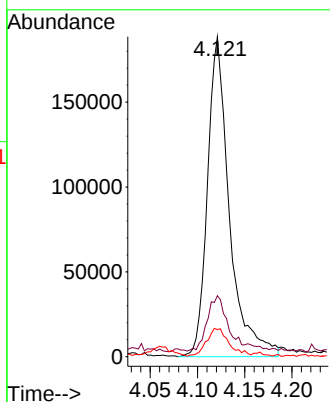
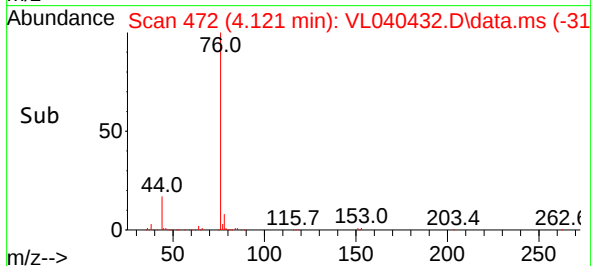
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



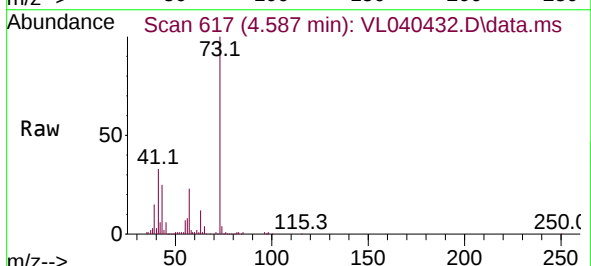
Tgt Ion: 76 Resp: 304370
Ion Ratio Lower Upper
76 100
44 19.1 14.7 22.1
78 9.2 7.7 11.5

Manual Integrations
APPROVED

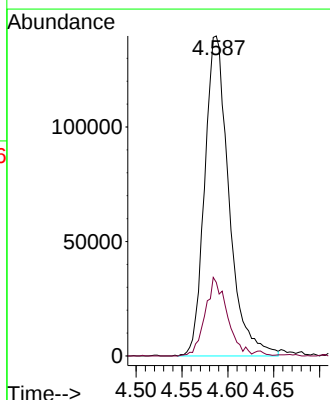
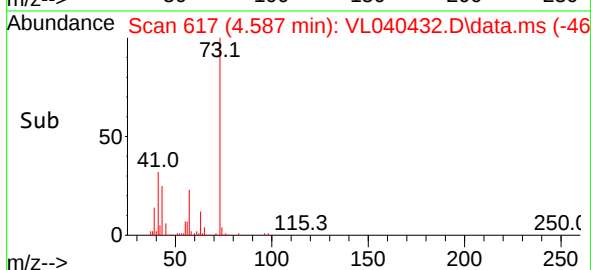
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

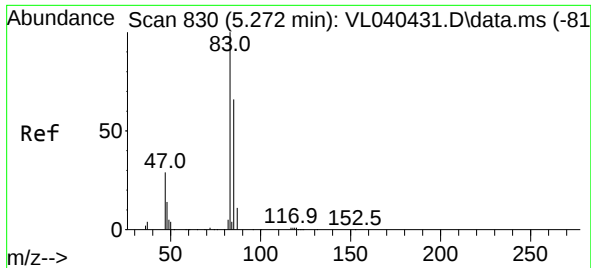


#28
Methyl tert-Butyl Ether
Concen: 2.283 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.006 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion: 73 Resp: 257844
Ion Ratio Lower Upper
73 100
57 23.2 18.6 27.8





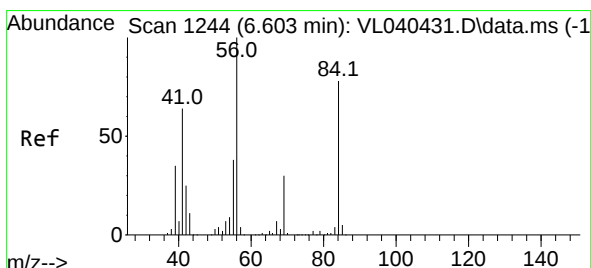
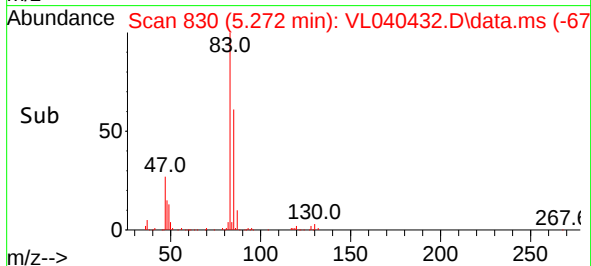
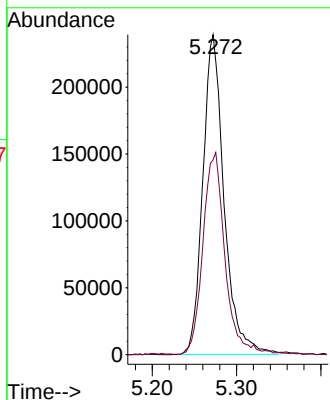
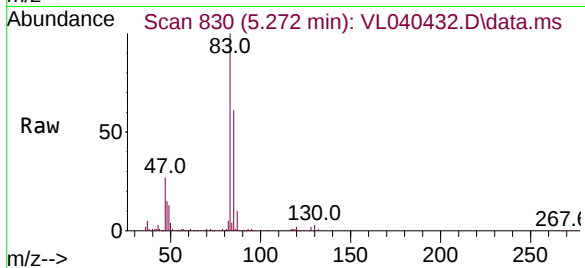
#29
Chloroform
Concen: 2.154 ppbv
RT: 5.272 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 83 Resp: 41982
Ion Ratio Lower Upper
83 100
85 60.8 51.0 76.4

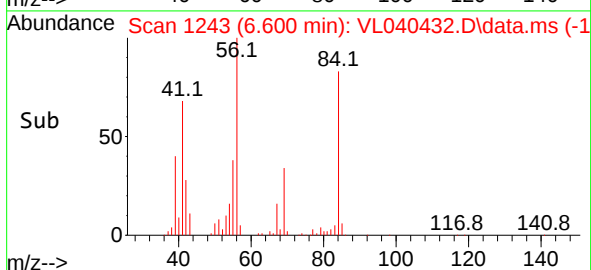
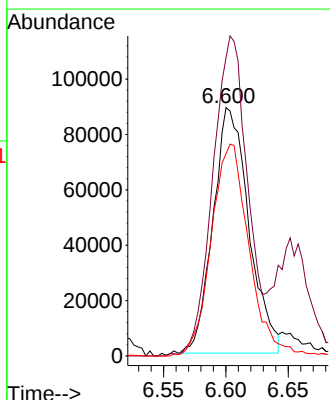
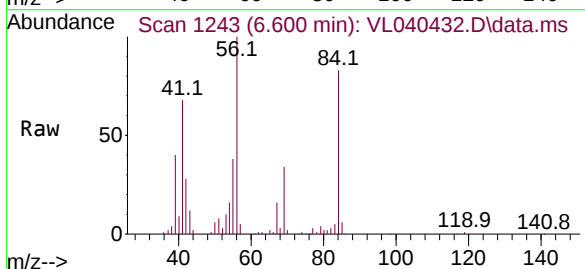
Manual Integrations
APPROVED

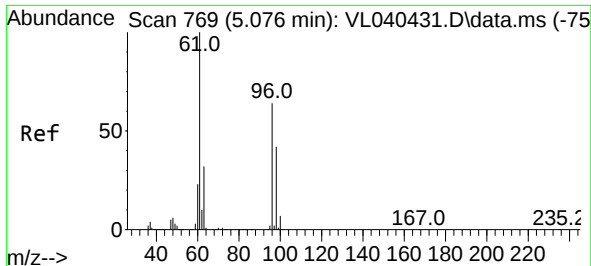
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#30
Cyclohexane
Concen: 2.096 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

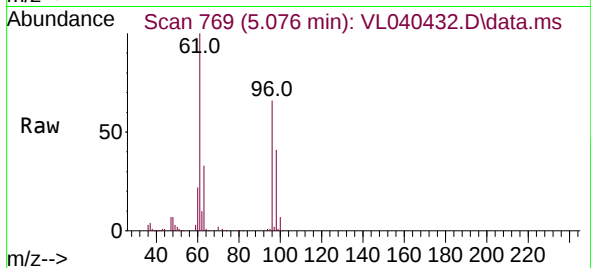
Tgt Ion: 84 Resp: 177578
Ion Ratio Lower Upper
84 100
56 133.1 107.0 160.6
41 91.1 66.7 100.1





#31
 cis-1,2-Dichloroethene
 Concen: 2.107 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

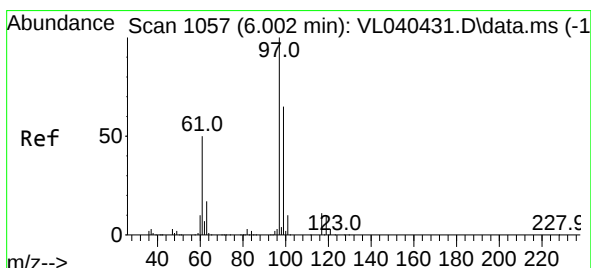
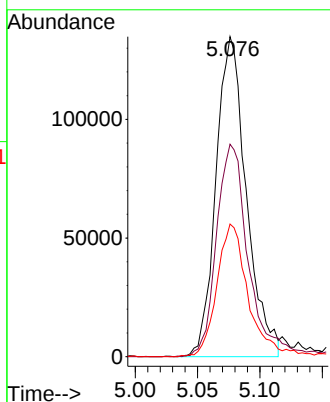
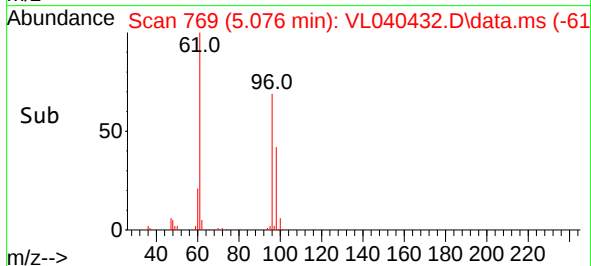
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002



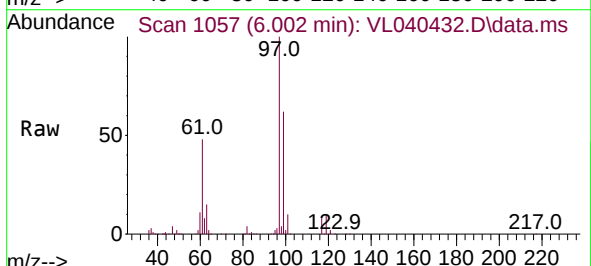
Tgt Ion: 61 Resp: 228475
 Ion Ratio Lower Upper
 61 100
 96 66.2 53.0 79.4
 98 41.5 33.8 50.8

Manual Integrations
 APPROVED

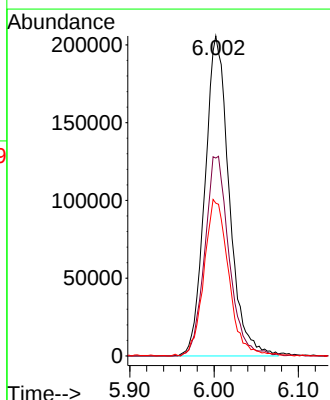
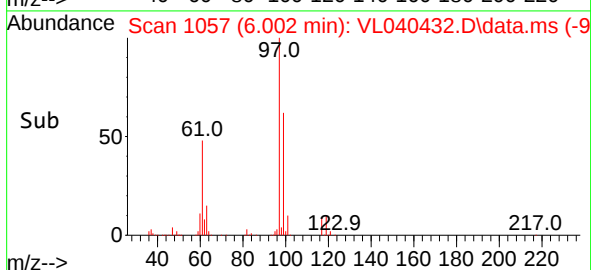
Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

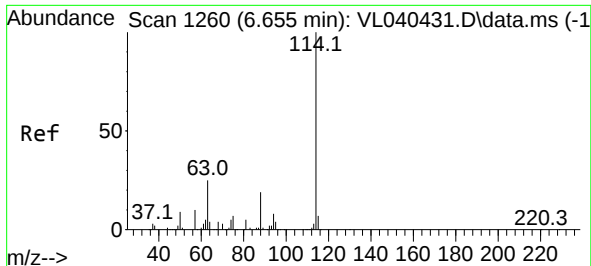


#32
 1,1,1-Trichloroethane
 Concen: 2.174 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15



Tgt Ion: 97 Resp: 411663
 Ion Ratio Lower Upper
 97 100
 99 62.8 51.8 77.8
 61 50.3 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:114 Resp: 2788819

Ion Ratio Lower Upper

114 100

63 26.1 21.4 32.0

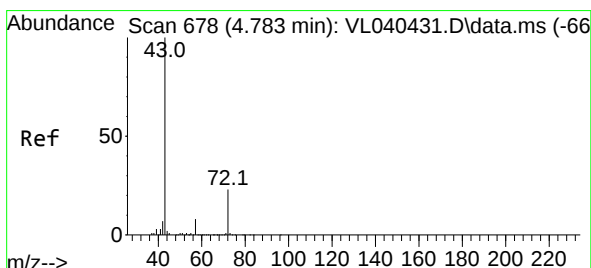
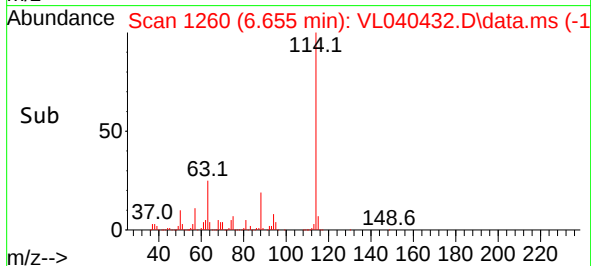
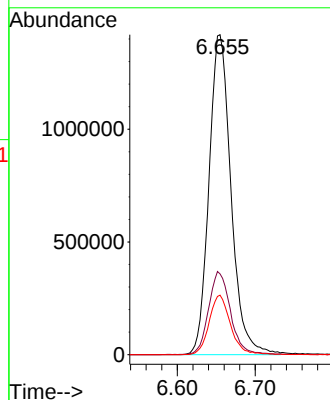
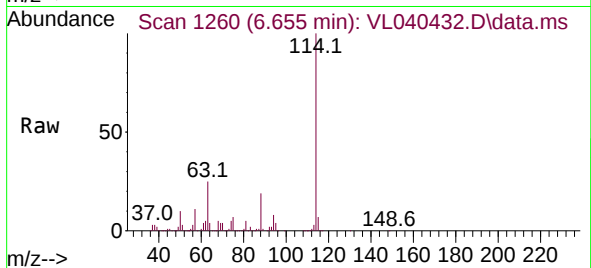
88 18.1 14.6 22.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#34

2-Butanone

Concen: 2.003 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.007 min

Lab File: VL040432.D

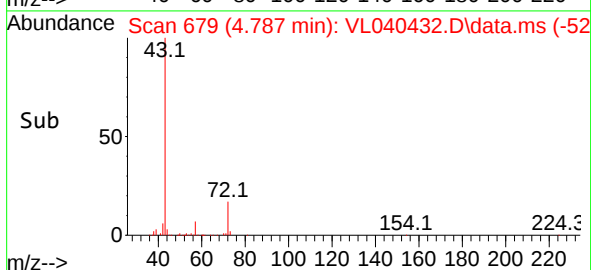
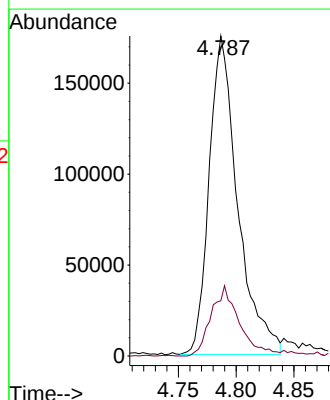
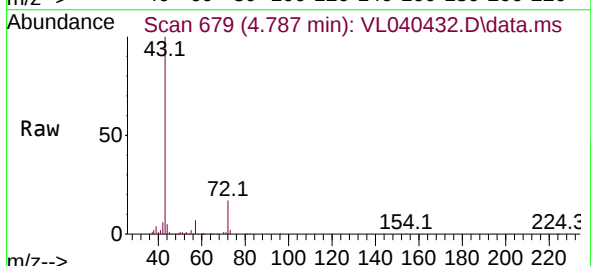
Acq: 16 May 2023 10:15

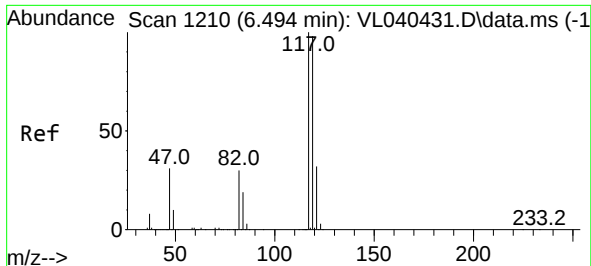
Tgt Ion: 43 Resp: 301240

Ion Ratio Lower Upper

43 100

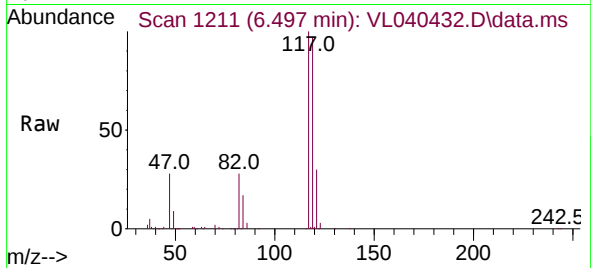
72 23.2 18.4 27.6





#35
Carbon Tetrachloride
Concen: 2.058 ppbv
RT: 6.497 min Scan# 1172
Delta R.T. 0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

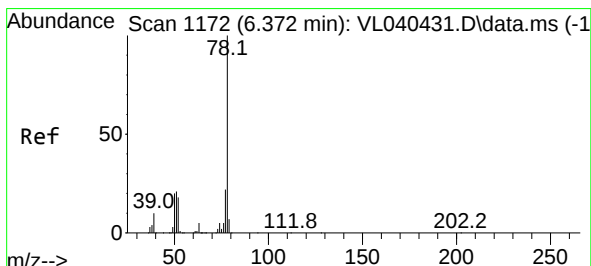
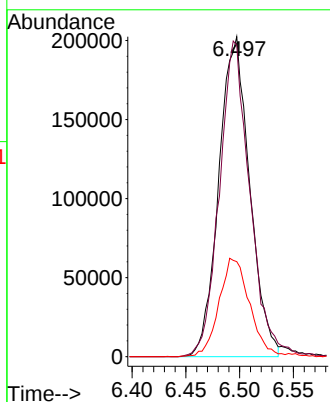
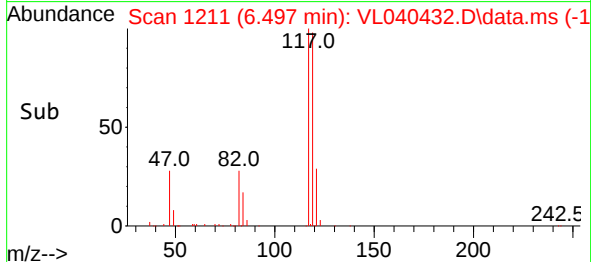
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



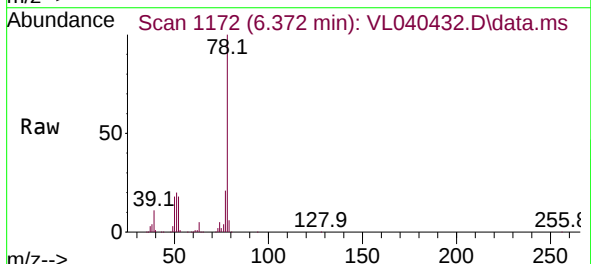
Tgt Ion: 117 Resp: 40393
Ion Ratio Lower Upper
117 100
119 97.3 76.6 114.8
121 29.7 25.3 37.9

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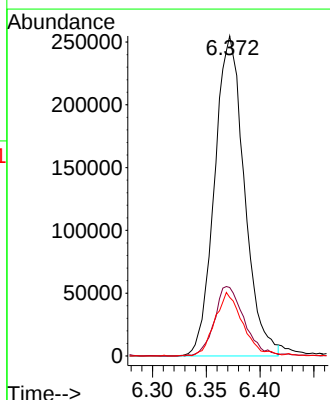
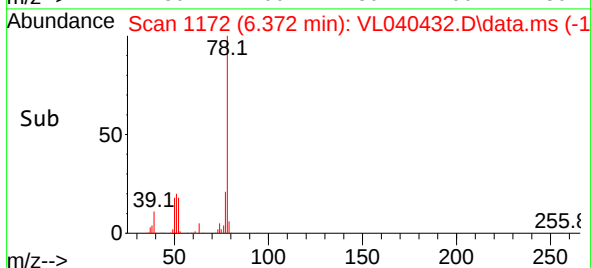
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

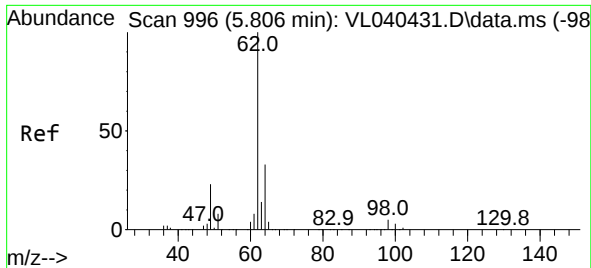


#36
Benzene
Concen: 2.160 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion: 78 Resp: 491387
Ion Ratio Lower Upper
78 100
77 21.4 17.8 26.8
50 18.2 15.6 23.4





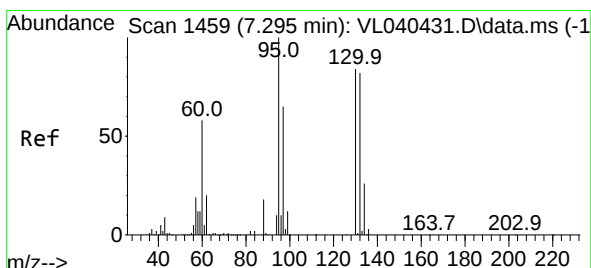
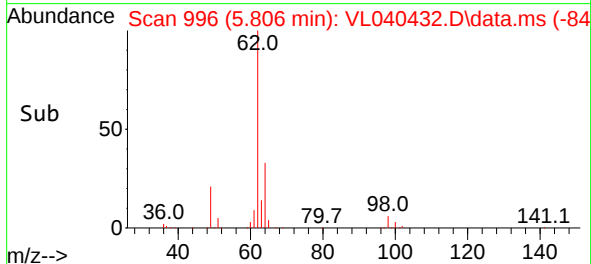
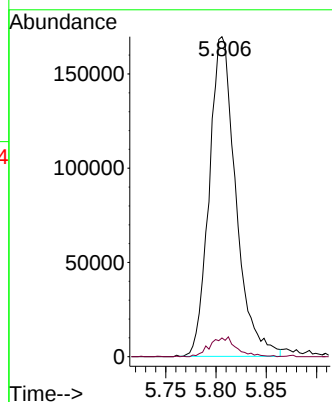
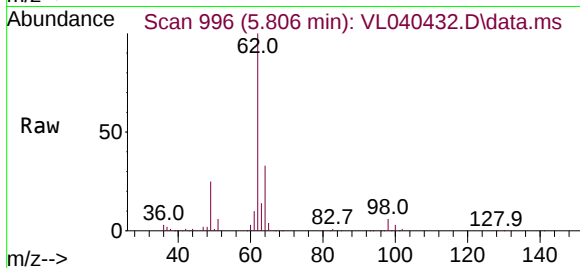
#37
1,2-Dichloroethane
Concen: 2.091 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 31257
Ion Ratio Lower Upper
62 100
98 6.2 4.4 6.6

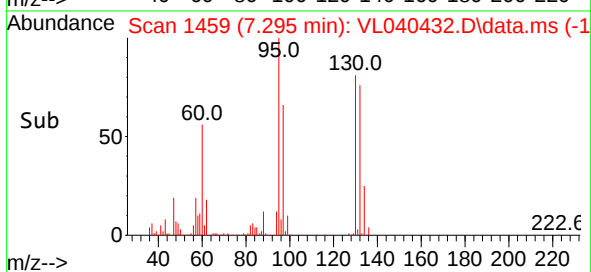
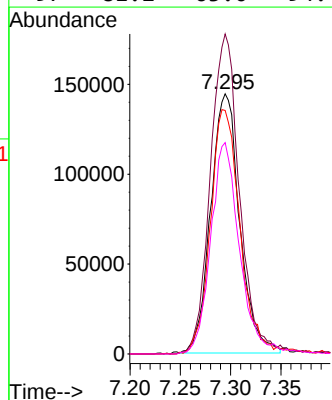
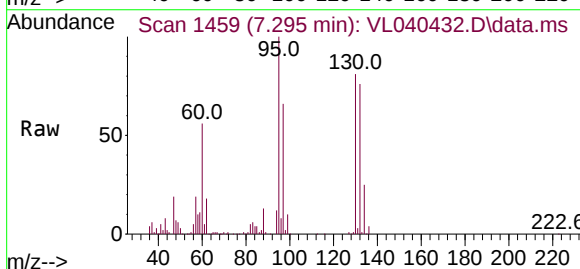
Manual Integrations
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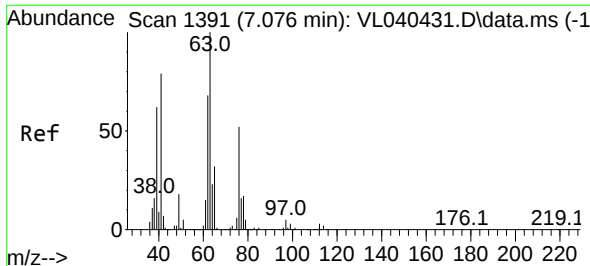
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#38
Trichloroethene
Concen: 2.239 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:130 Resp: 289994
Ion Ratio Lower Upper
130 100
95 123.0 97.4 146.0
132 93.3 77.5 116.3
97 81.2 63.0 94.4





#39

1,2-Dichloropropane

Concen: 2.139 ppbv

RT: 7.073 min Scan# 1461

Delta R.T. -0.003 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 63 Resp: 19146

Ion Ratio Lower Upper

63 100

41 76.4 59.6 89.4

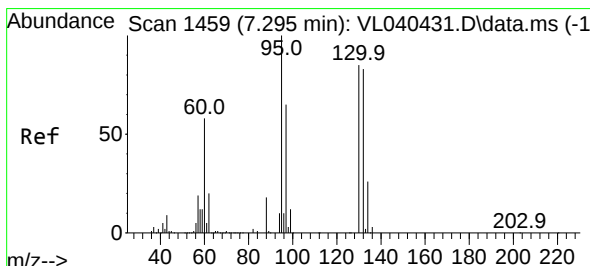
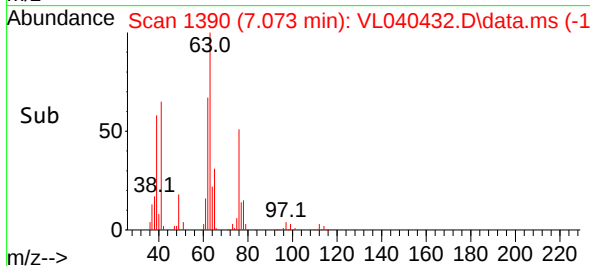
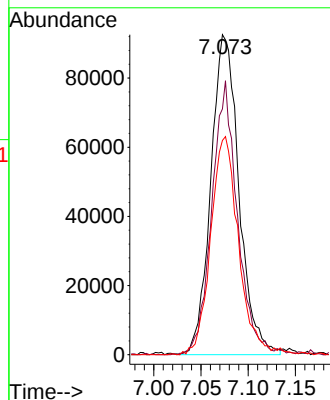
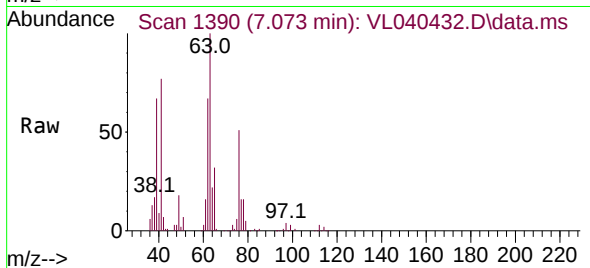
62 66.9 53.9 80.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#40

1,4-Dioxane

Concen: 1.923 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.010 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Tgt Ion: 88 Resp: 65921

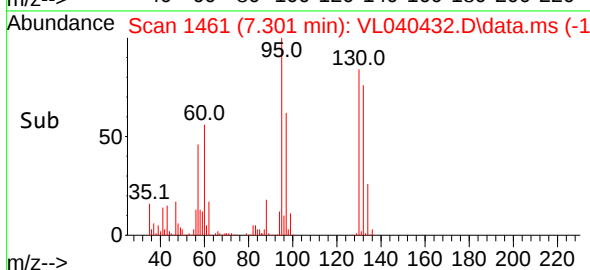
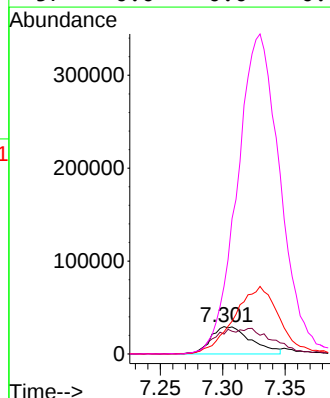
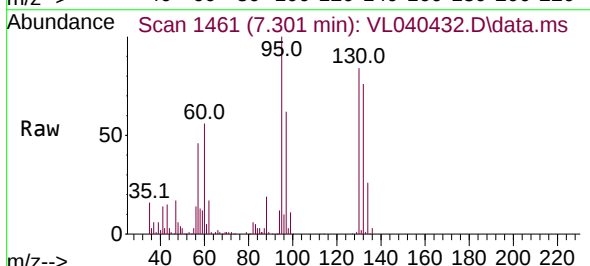
Ion Ratio Lower Upper

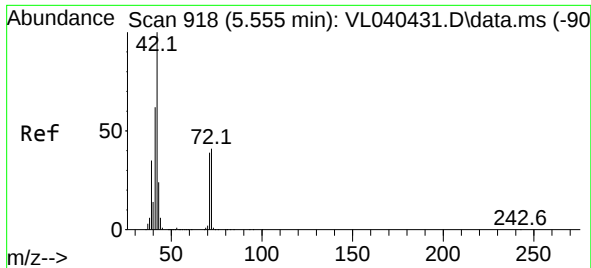
88 100

58 0.0 100.8 151.2#

43 0.0 0.0 0.0

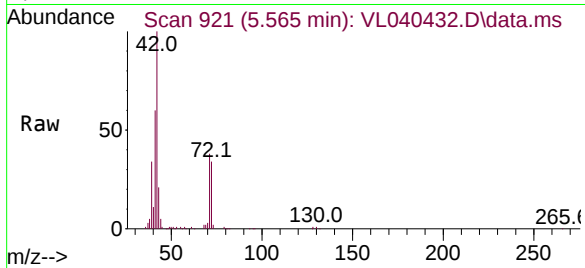
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 2.226 ppbv
RT: 5.565 min Scan# 918
Delta R.T. 0.010 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

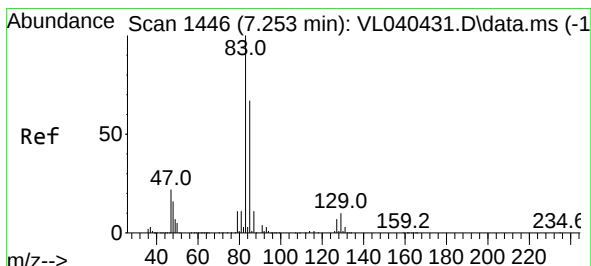
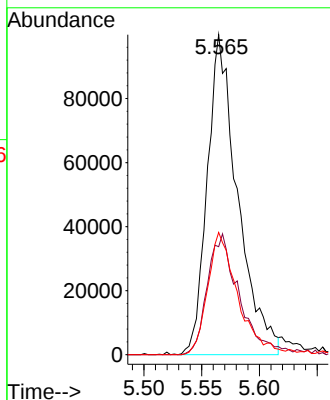
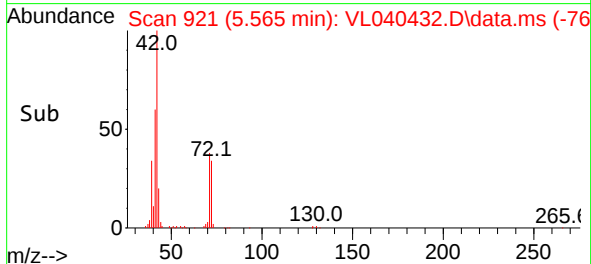
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



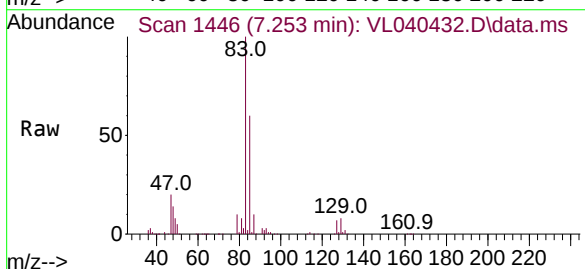
Tgt Ion: 42 Resp: 183288
Ion Ratio Lower Upper
42 100
72 40.5 33.7 50.5
71 38.2 32.2 48.2

Manual Integrations
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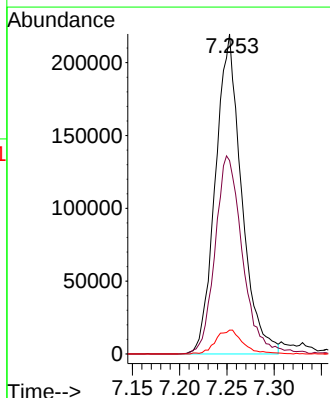
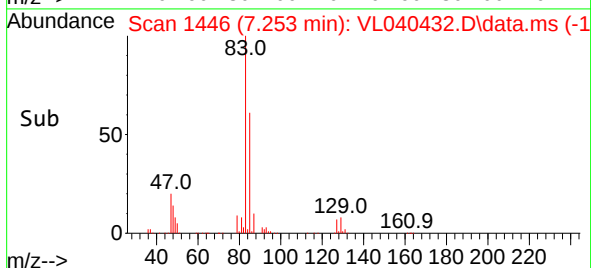
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

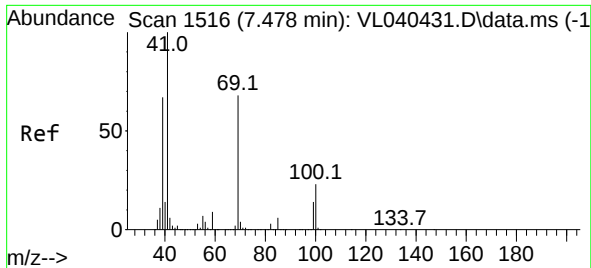


#42
Bromodichloromethane
Concen: 2.070 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



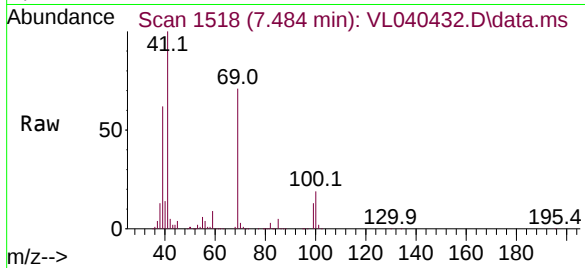
Tgt Ion: 83 Resp: 422591
Ion Ratio Lower Upper
83 100
85 60.5 50.9 76.3
127 7.5 6.4 9.6





#43
Methyl Methacrylate
Concen: 2.164 ppbv m
RT: 7.484 min Scan# 1516
Delta R.T. 0.009 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

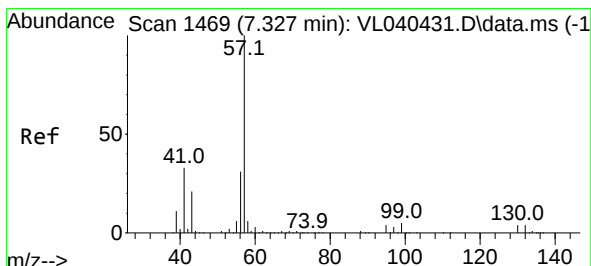
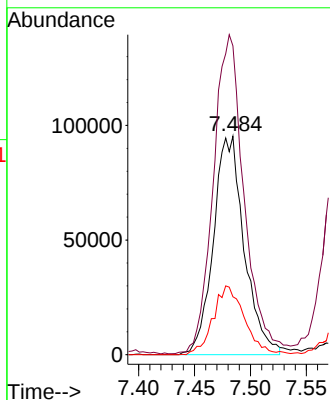
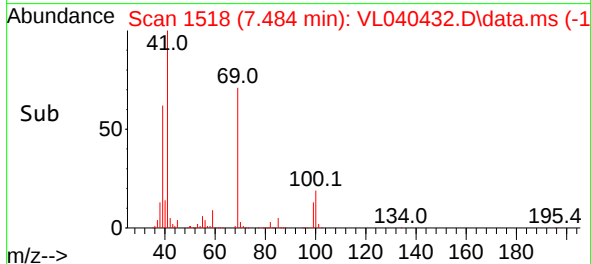
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



Tgt Ion: 69 Resp: 182852
Ion Ratio Lower Upper
69 100
41 0.0 114.3 171.5
100 32.4 24.5 36.7

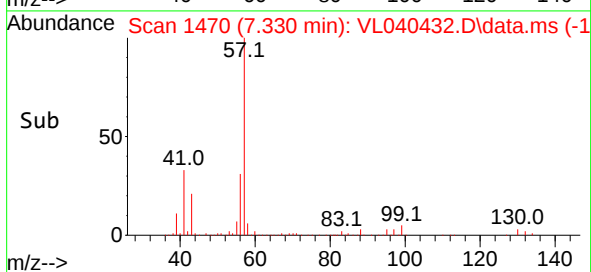
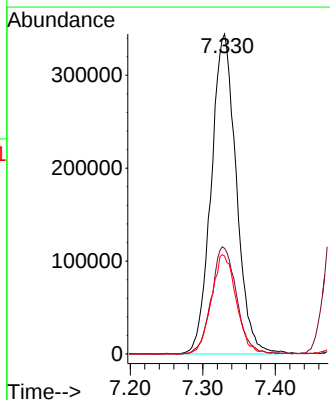
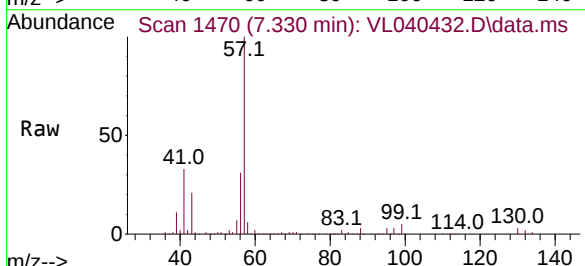
Manual Integrations
APPROVED

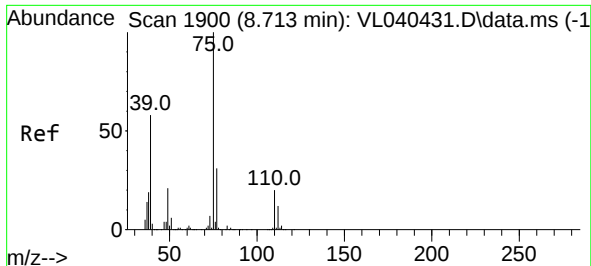
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#44
2,2,4-Trimethylpentane
Concen: 2.176 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion: 57 Resp: 827160
Ion Ratio Lower Upper
57 100
41 33.7 26.9 40.3
56 31.1 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 1.901 ppbv

RT: 8.716 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 75 Resp: 143500

Ion Ratio Lower Upper

75 100

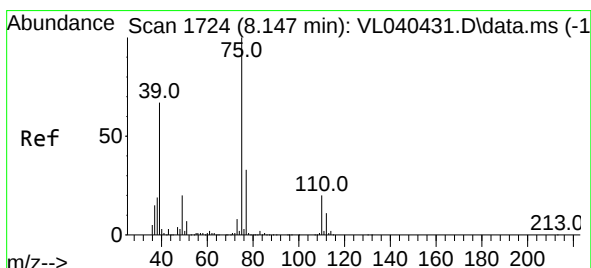
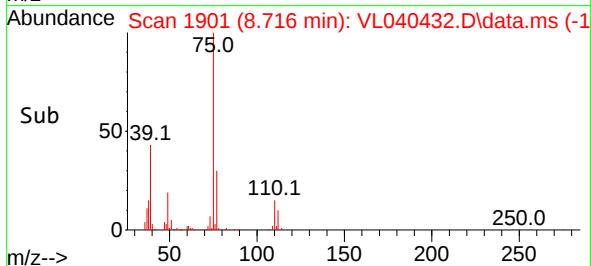
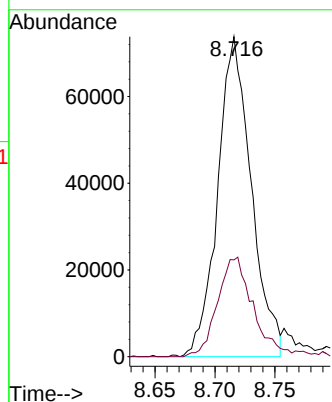
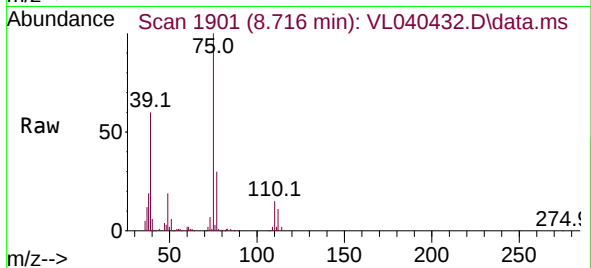
77 30.2 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#46

cis-1,3-Dichloropropene

Concen: 2.015 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.000 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

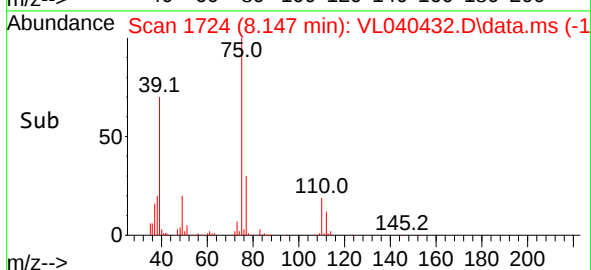
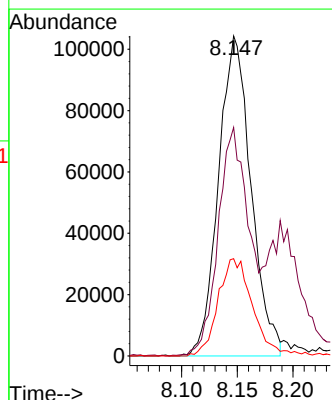
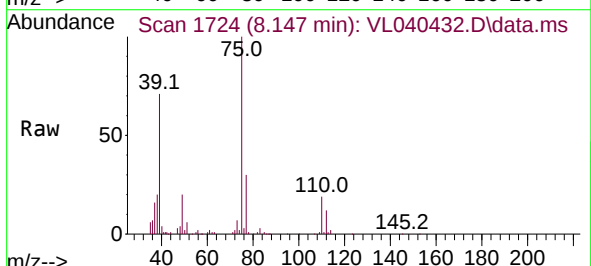
Tgt Ion: 75 Resp: 211749

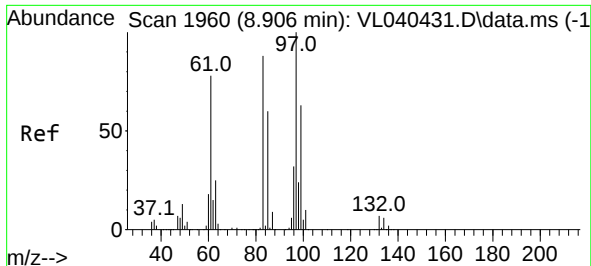
Ion Ratio Lower Upper

75 100

39 71.0 53.4 80.2

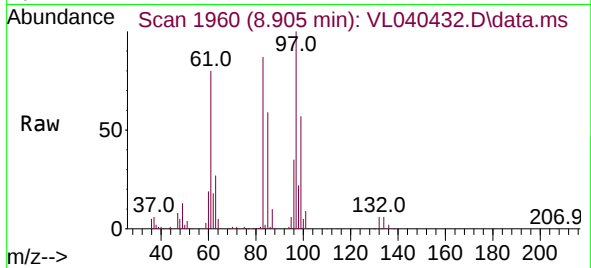
77 30.4 24.7 37.1





#47
1,1,2-Trichloroethane
Concen: 2.036 ppbv
RT: 8.905 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

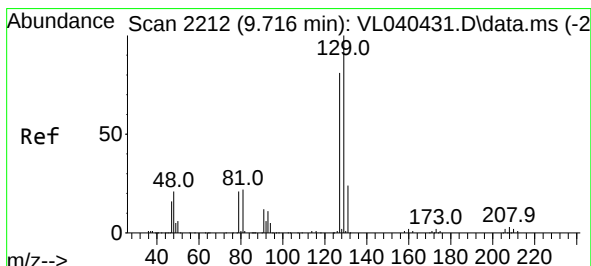
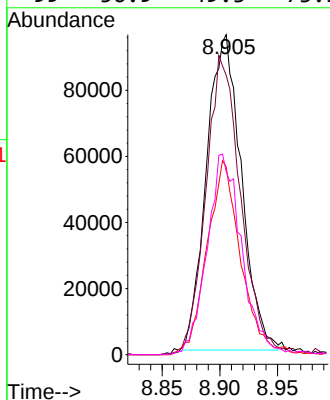
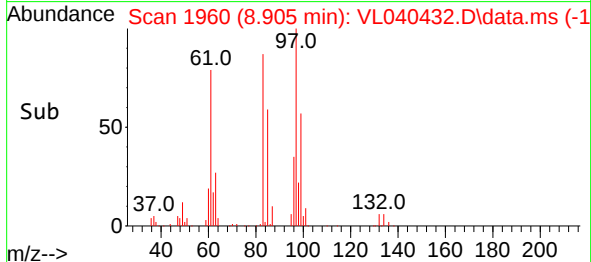
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion: 97 Resp: 199878
Ion Ratio Lower Upper
97 100
83 87.9 73.3 109.9
85 58.2 46.9 70.3
99 56.9 49.3 73.9

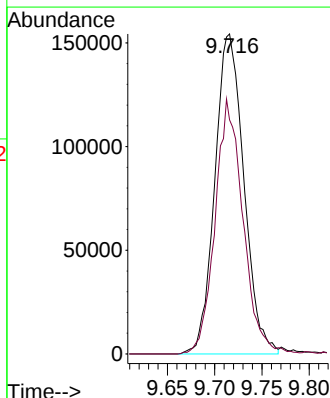
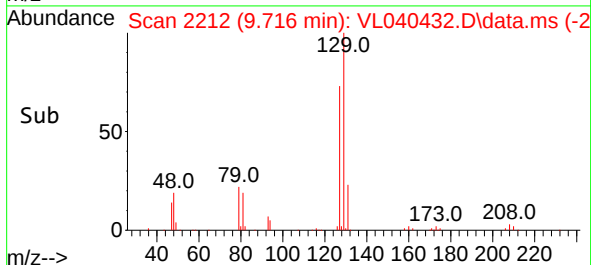
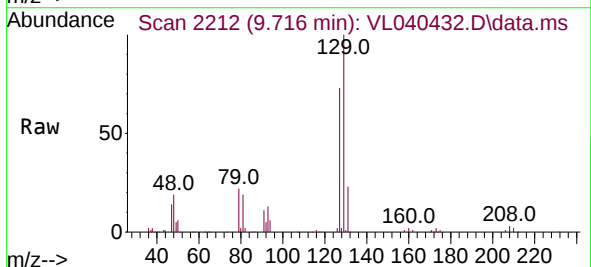
Manual Integrations
APPROVED

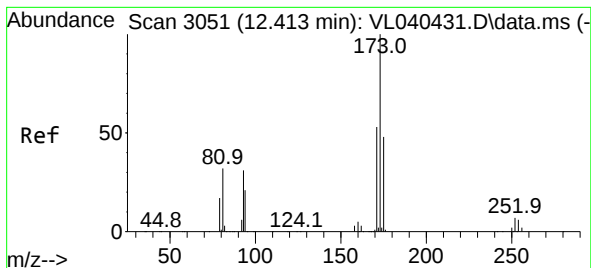
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#48
Dibromochloromethane
Concen: 2.085 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:129 Resp: 329580
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6





#49

Bromoform

Concen: 2.085 ppbv

RT: 12.417 min Scan# 3051

Delta R.T. -0.000 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

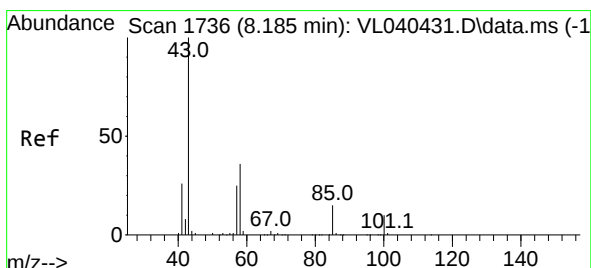
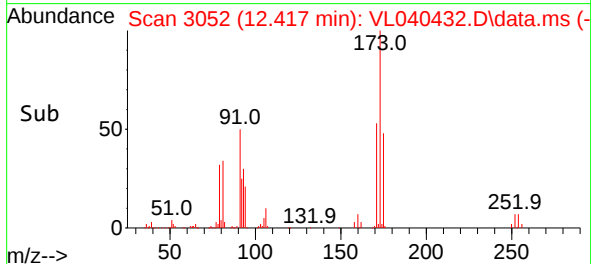
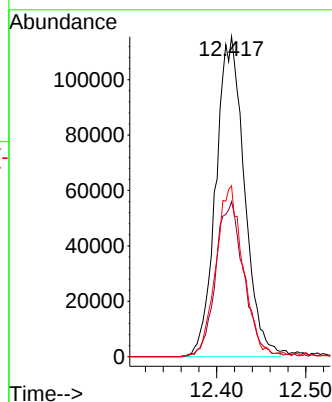
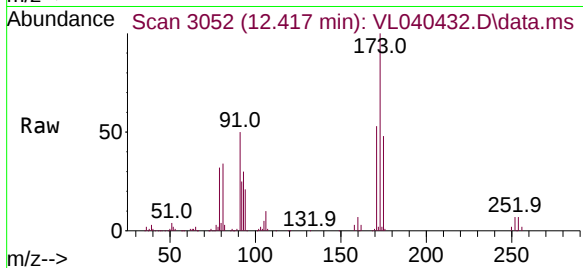
VSTDICC002

Tgt Ion:173	Resp: 257050
Ion Ratio	Lower Upper
173 100	
175 48.3	39.8 59.8
171 52.1	42.2 63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#50

4-Methyl-2-Pentanone

Concen: 2.165 ppbv

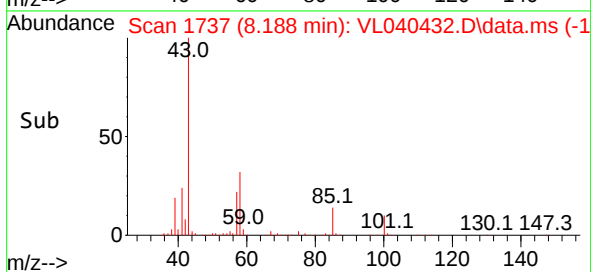
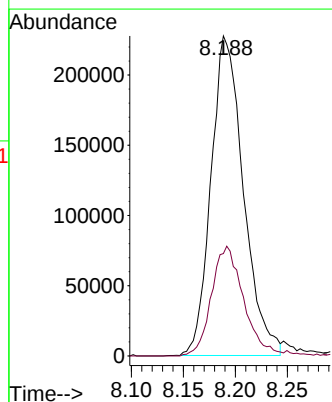
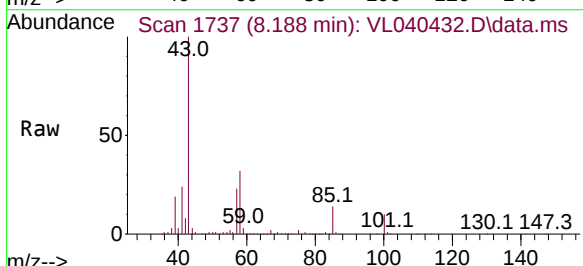
RT: 8.188 min Scan# 1737

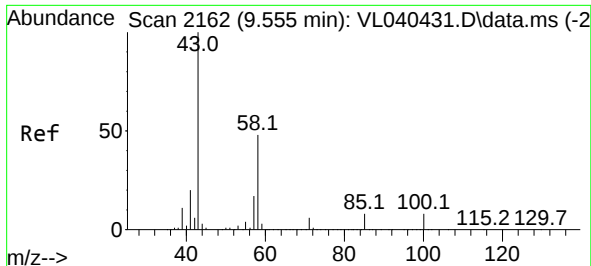
Delta R.T. 0.006 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Tgt Ion: 43	Resp: 493763
Ion Ratio	Lower Upper
43 100	
58 34.7	28.6 43.0





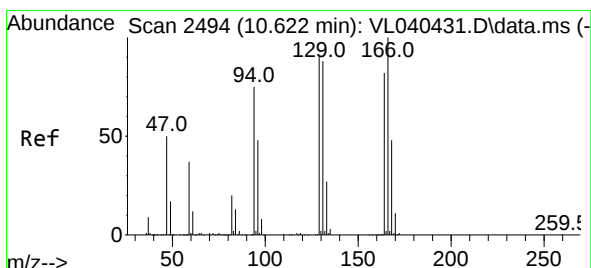
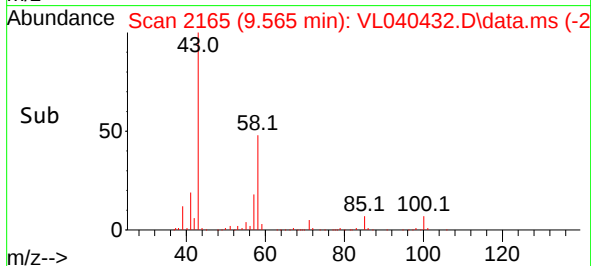
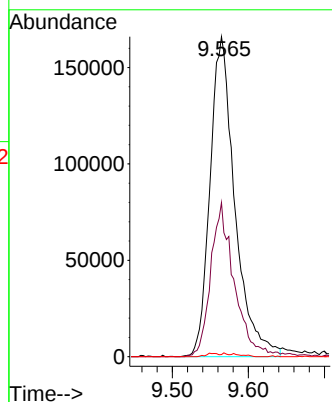
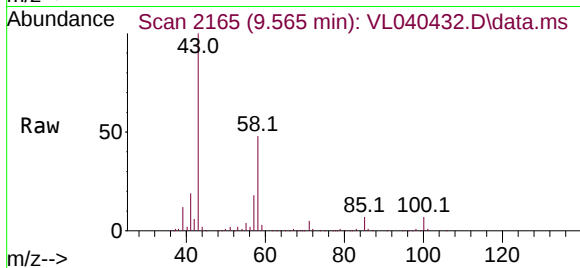
#51
2-Hexanone
Concen: 2.233 ppbv
RT: 9.565 min Scan# 2162
Delta R.T. 0.007 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 43 Resp: 37624
Ion Ratio Lower Upper
43 100
58 46.3 38.3 57.5
98 1.2 0.4 0.6

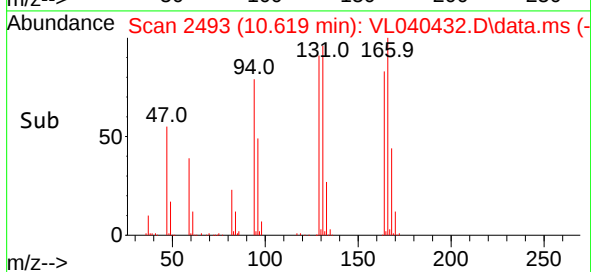
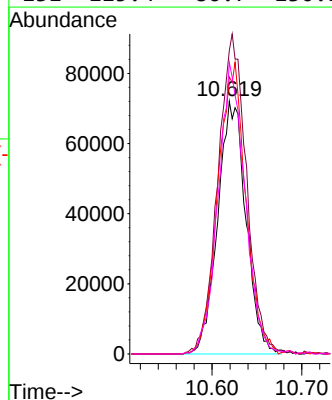
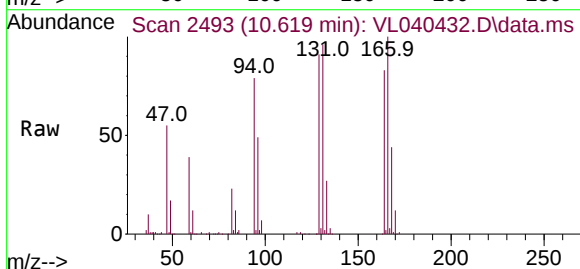
Manual Integrations
APPROVED

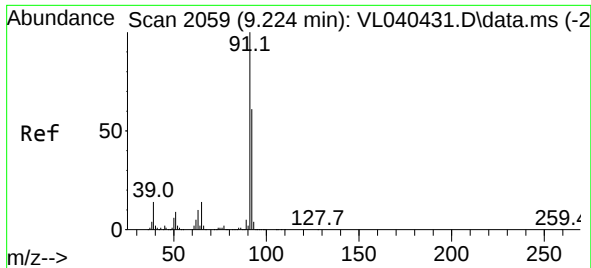
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#52
Tetrachloroethene
Concen: 2.220 ppbv m
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:164 Resp: 157988
Ion Ratio Lower Upper
164 100
166 120.1 105.2 157.8
129 109.7 90.3 135.5
131 115.4 86.7 130.1





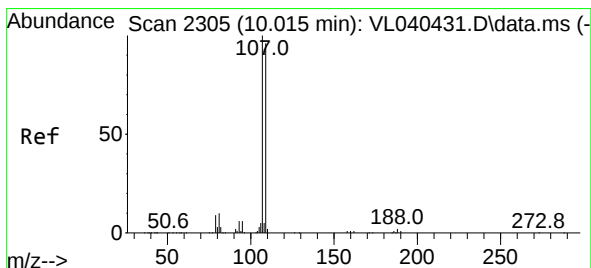
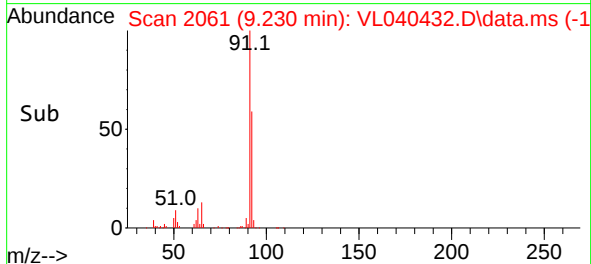
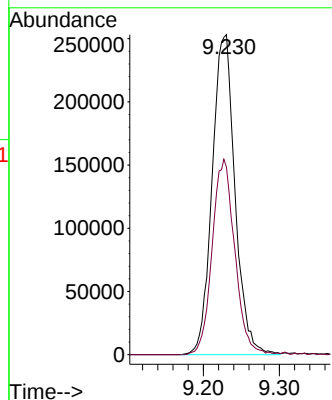
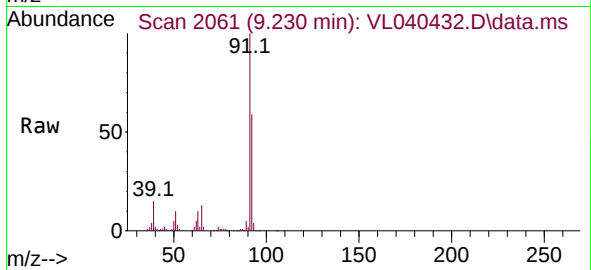
#53
Toluene
Concen: 2.190 ppbv
RT: 9.230 min Scan# 2059
Delta R.T. 0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

Tgt Ion: 91 Resp: 52830
Ion Ratio Lower Upper
91 100
92 60.7 48.9 73.3

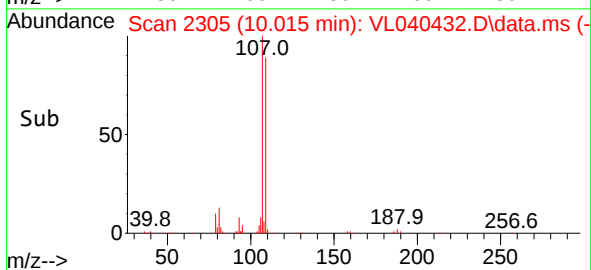
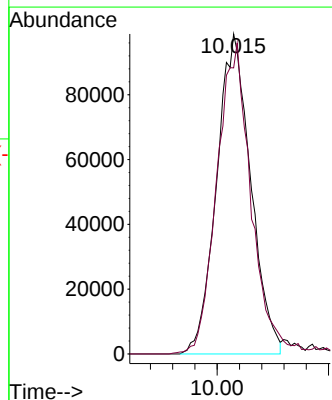
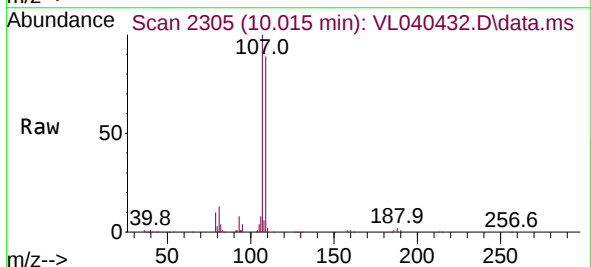
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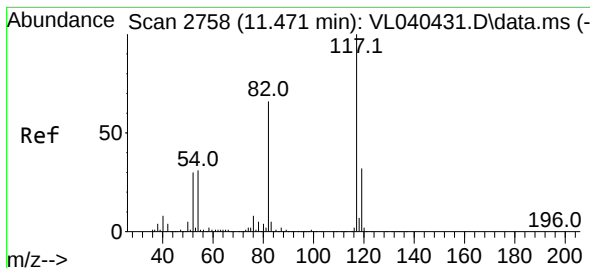
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#54
1,2-Dibromoethane
Concen: 2.106 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

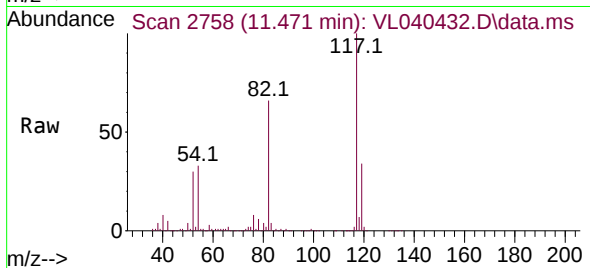
Tgt Ion:107 Resp: 209575
Ion Ratio Lower Upper
107 100
109 88.8 73.6 110.4





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

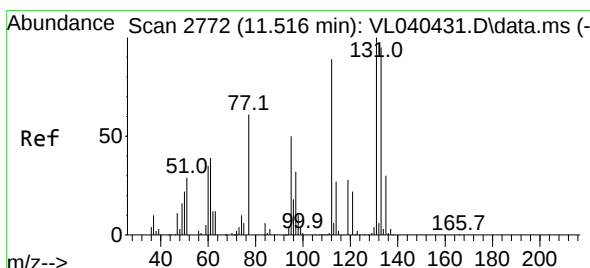
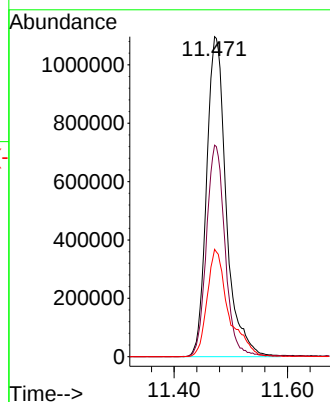
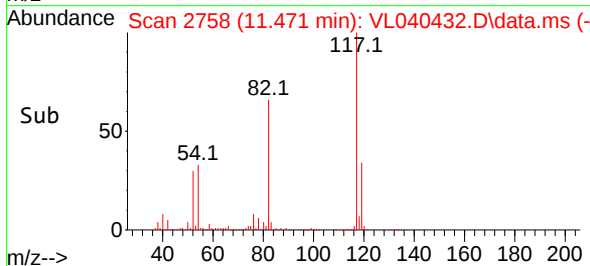
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



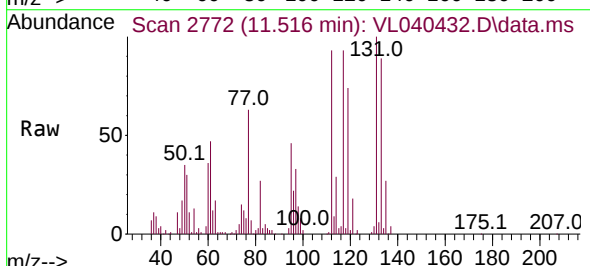
Tgt Ion:117 Resp: 263774
Ion Ratio Lower Upper
117 100
82 63.2 52.5 78.7
119 36.7 24.3 36.5

Manual Integrations
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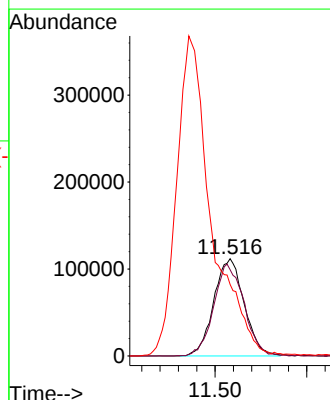
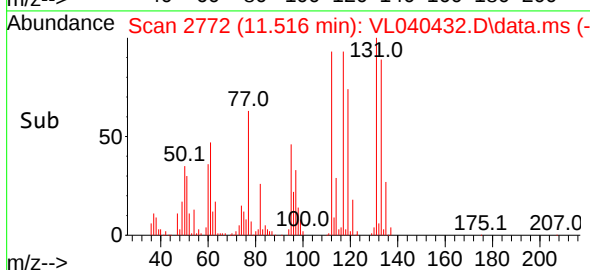
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

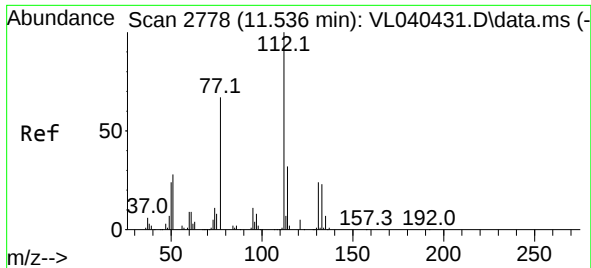


#56
1,1,1,2-Tetrachloroethane
Concen: 2.132 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion:131 Resp: 256741
Ion Ratio Lower Upper
131 100
133 94.4 75.3 112.9
119 376.2 53.9 80.9





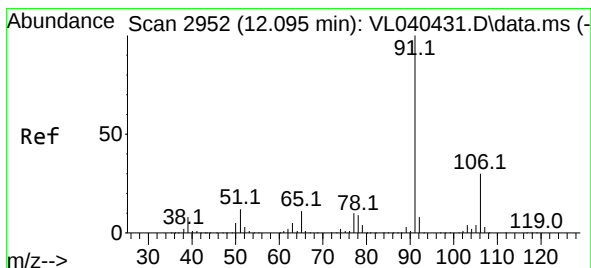
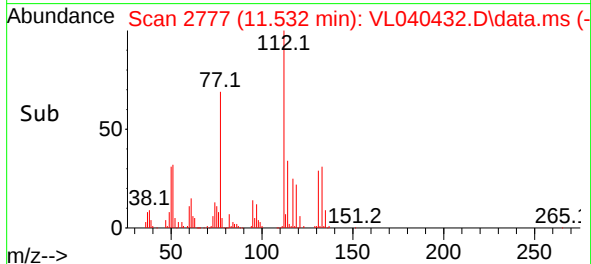
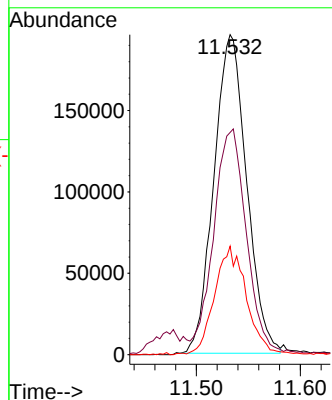
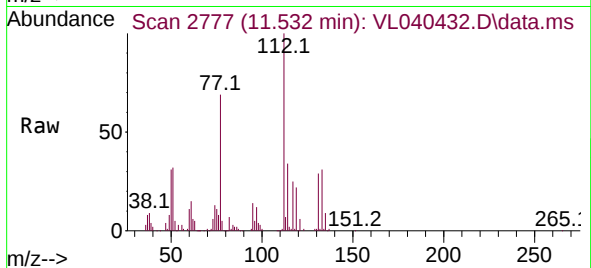
#57
Chlorobenzene
Concen: 2.076 ppbv
RT: 11.532 min Scan# 211
Delta R.T. -0.004 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:112 Resp: 42876
Ion Ratio Lower Upper
112 100
77 68.1 55.8 83.8
114 33.6 29.1 35.5

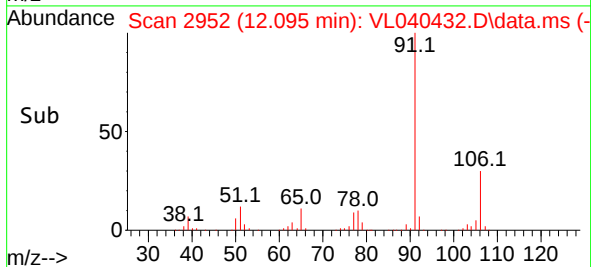
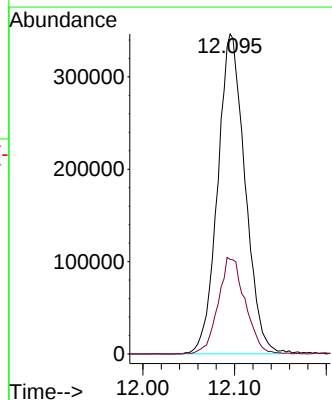
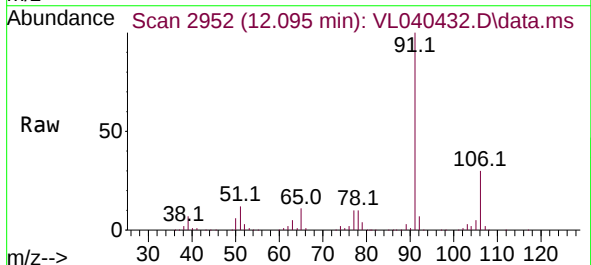
Manual Integrations
APPROVED

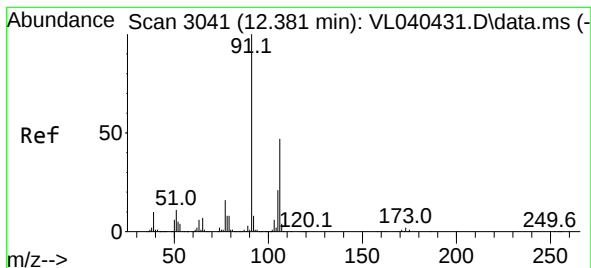
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#58
Ethyl Benzene
Concen: 2.208 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

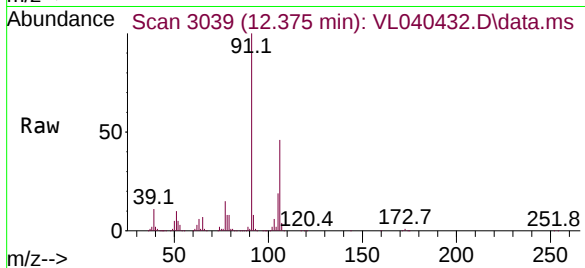
Tgt Ion: 91 Resp: 716366
Ion Ratio Lower Upper
91 100
106 29.6 23.5 35.3





#59
m/p-Xylene
Concen: 4.465 ppbv m
RT: 12.375 min Scan# 3041
Delta R.T. -0.006 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

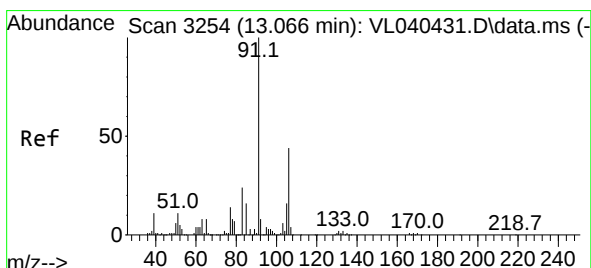
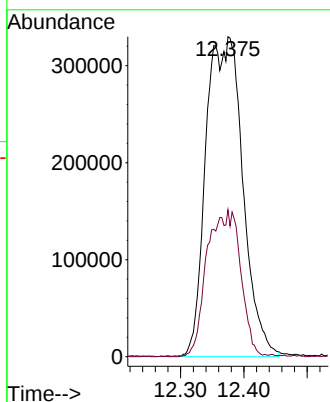
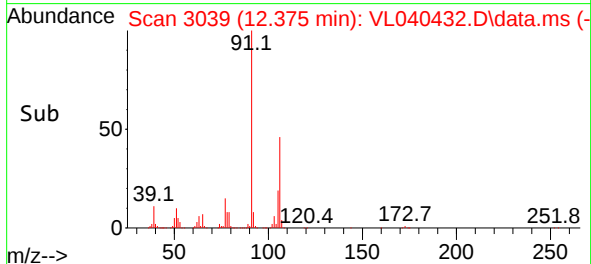
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



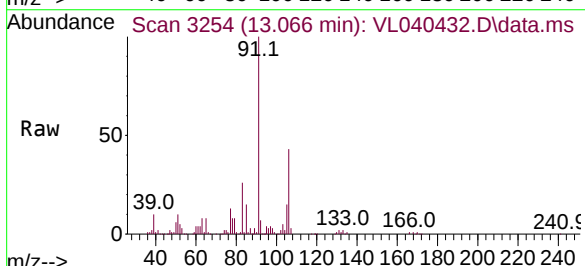
Tgt Ion: 91 Resp: 1332389
Ion Ratio Lower Upper
91 100
106 42.0 34.7 52.1

Manual Integrations
APPROVED

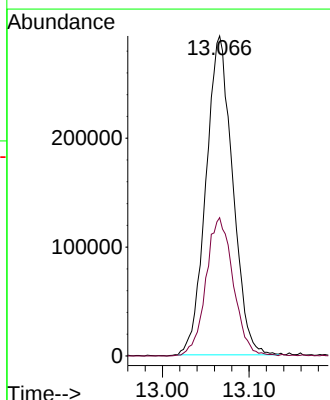
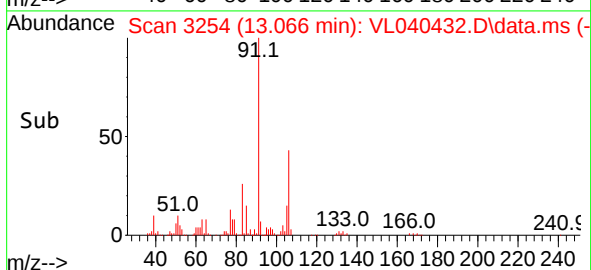
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

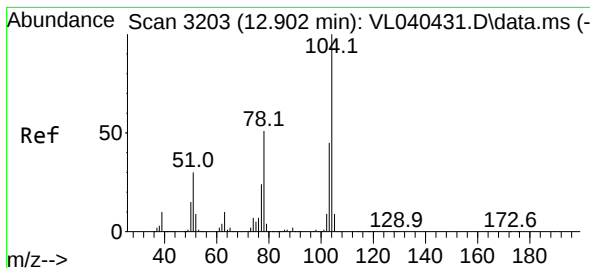


#60
o-Xylene
Concen: 2.190 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion: 91 Resp: 627066
Ion Ratio Lower Upper
91 100
106 44.5 21.9 65.8





#61

Styrene

Concen: 2.234 ppbv

RT: 12.909 min Scan# 31

Delta R.T. 0.004 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

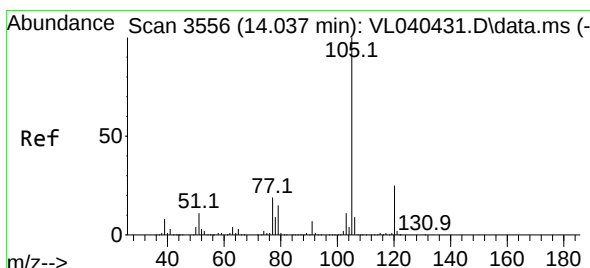
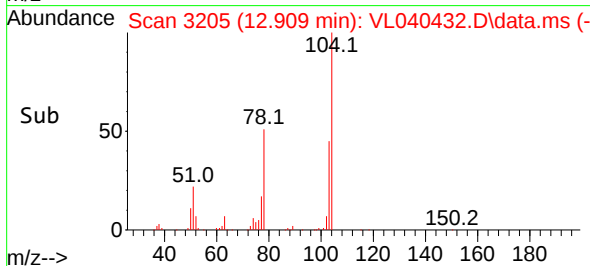
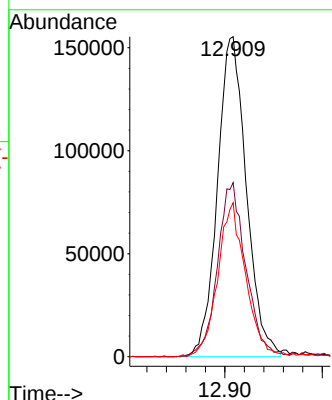
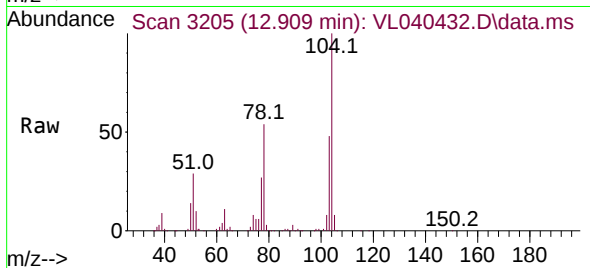
VSTDIC002

Tgt Ion:104 Resp: 320464
 Ion Ratio Lower Upper
 104 100
 78 53.2 43.4 65.0
 103 47.0 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023



#62

Isopropylbenzene

Concen: 2.202 ppbv

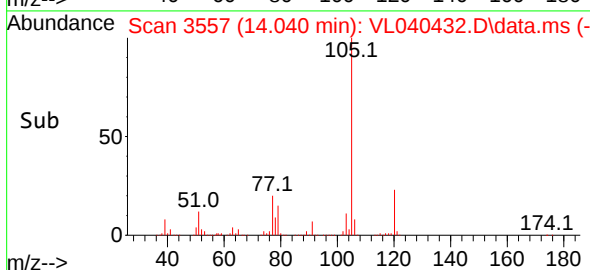
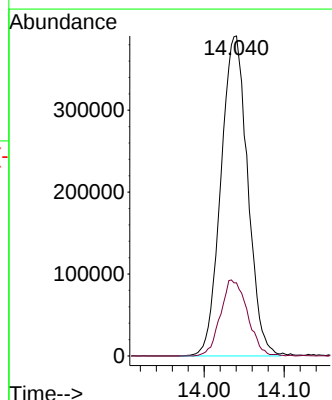
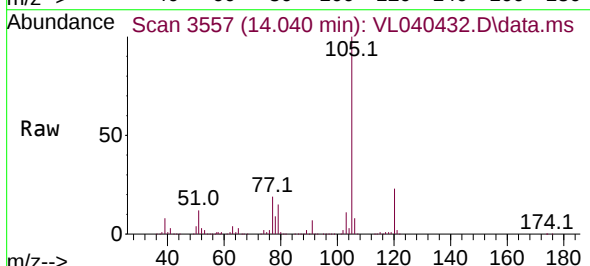
RT: 14.040 min Scan# 3557

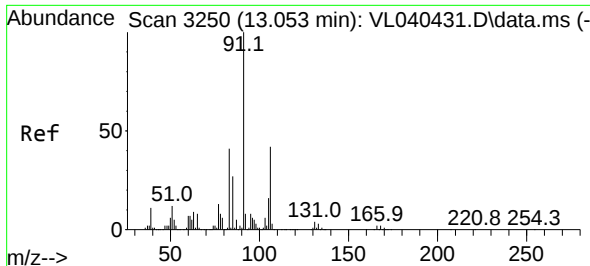
Delta R.T. 0.000 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

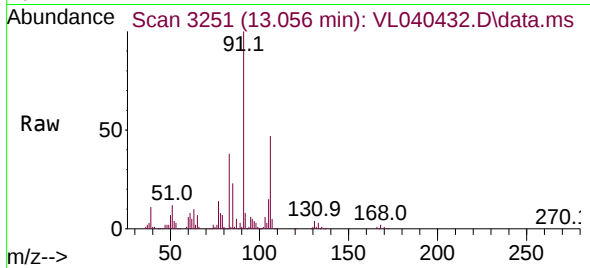
Tgt Ion:105 Resp: 908235
 Ion Ratio Lower Upper
 105 100
 120 24.0 19.9 29.9





#63
1,1,2,2-Tetrachloroethane
Concen: 2.053 ppbv
RT: 13.056 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

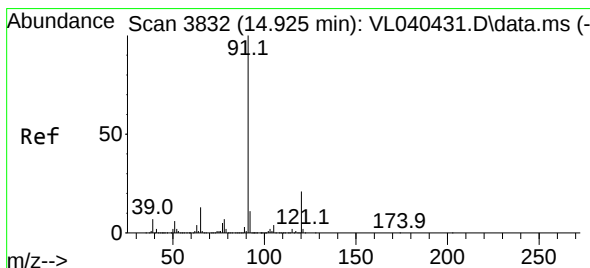
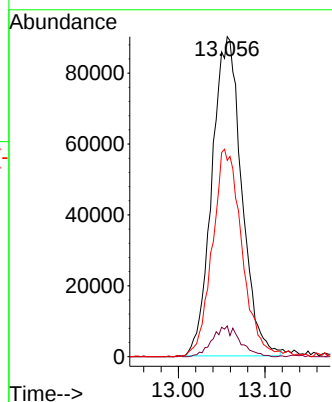
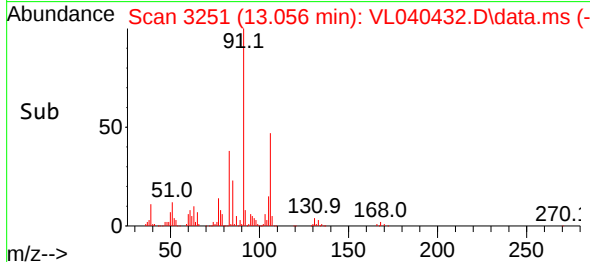
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



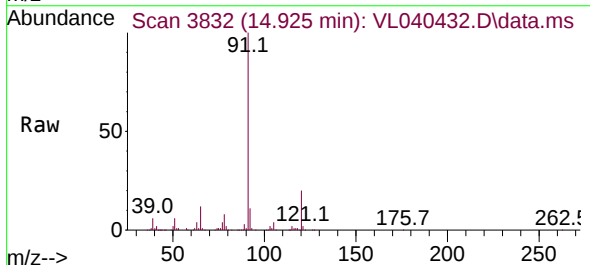
Tgt Ion: 83 Resp: 215120
Ion Ratio Lower Upper
83 100
131 8.9 4.3 13.1
85 65.0 32.9 98.6

Manual Integrations
APPROVED

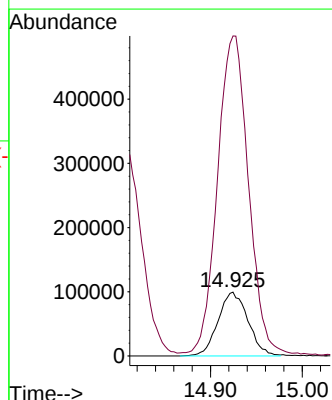
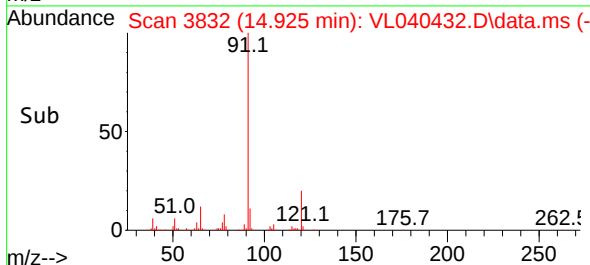
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

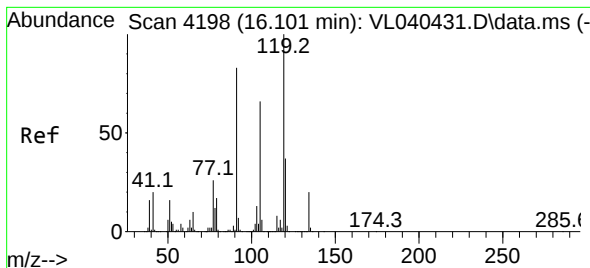


#64
n-propylbenzene
Concen: 2.222 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.004 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



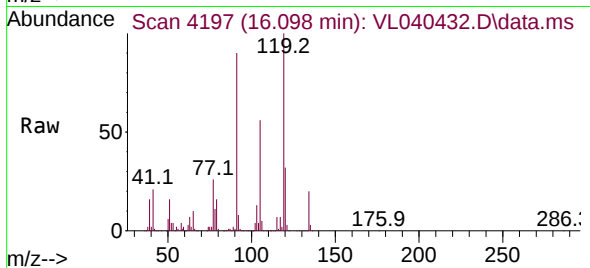
Tgt Ion:120 Resp: 225478
Ion Ratio Lower Upper
120 100
91 525.9 397.4 596.0





#65
tert-Butylbenzene
Concen: 2.254 ppbv
RT: 16.098 min Scan# 4198
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

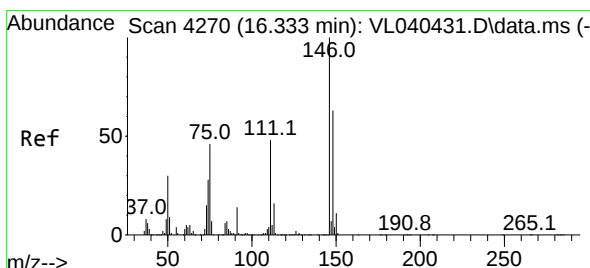
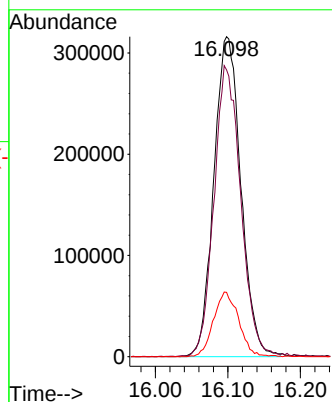
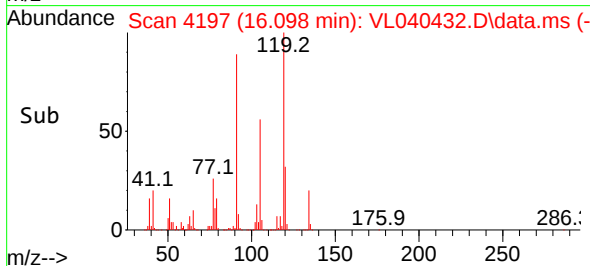
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



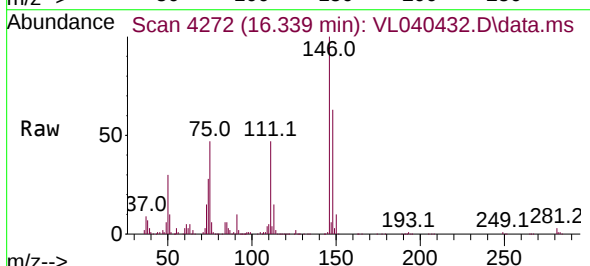
Tgt Ion:119 Resp: 817820
Ion Ratio Lower Upper
119 100
91 90.8 70.1 105.1
134 19.0 15.6 23.4

Manual Integrations
APPROVED

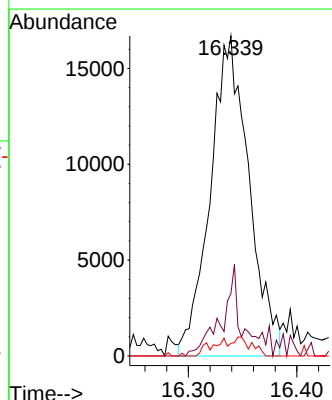
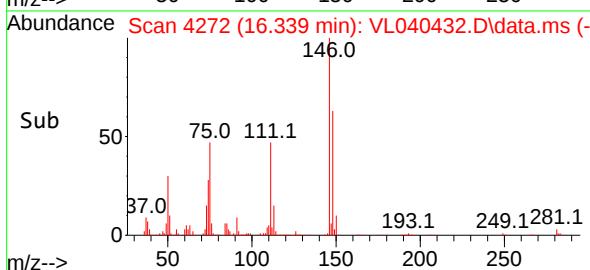
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

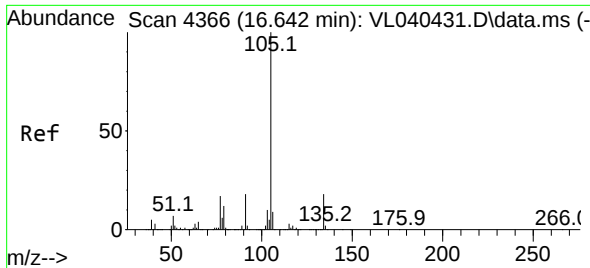


#66
Benzyl Chloride
Concen: 1.843 ppbv m
RT: 16.339 min Scan# 4272
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



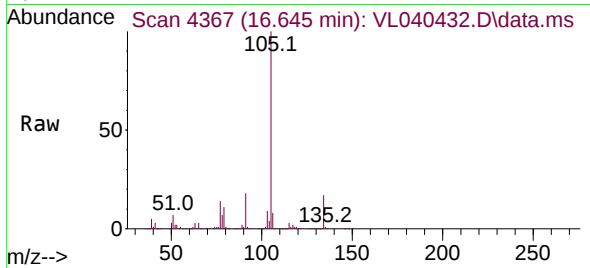
Tgt Ion: 91 Resp: 41415
Ion Ratio Lower Upper
91 100
126 18.2 12.3 18.5
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 2.300 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15

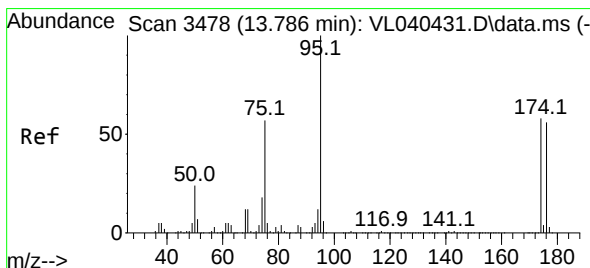
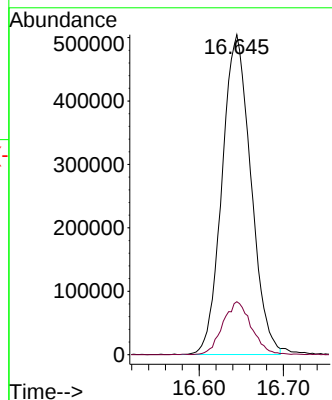
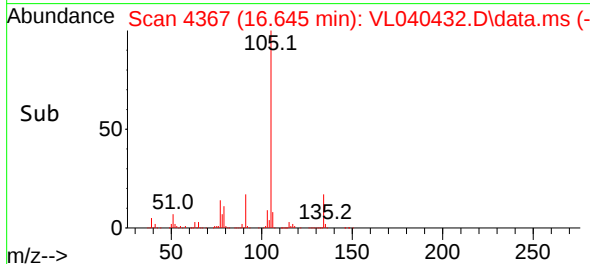
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002



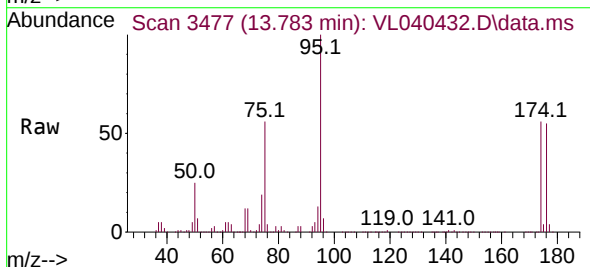
Tgt Ion:105 Resp: 119872
 Ion Ratio Lower Upper
 105 100
 134 16.6 13.8 20.6

Manual Integrations
 APPROVED

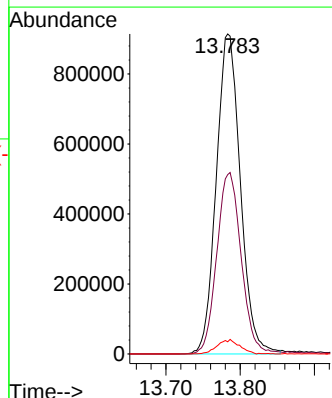
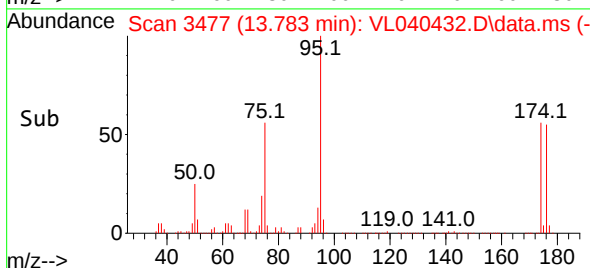
Reviewed By :Semsettin Yesilyurt 05/17/2023
 Supervised By :Mahesh Dadoda 05/17/2023

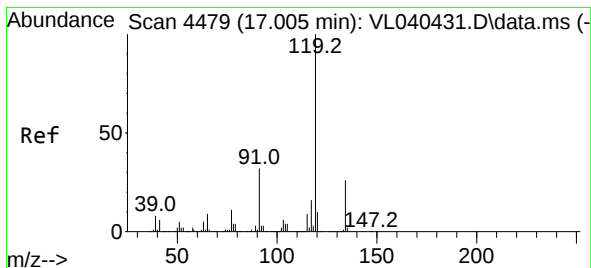


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.470 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. -0.003 min
 Lab File: VL040432.D
 Acq: 16 May 2023 10:15



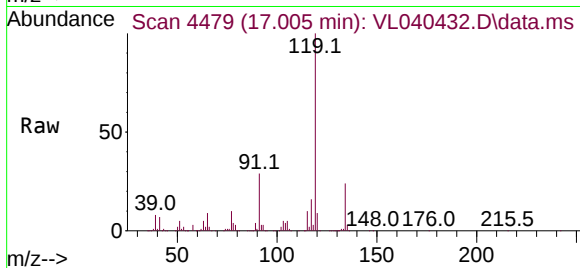
Tgt Ion: 95 Resp: 2065540
 Ion Ratio Lower Upper
 95 100
 174 58.1 47.2 70.8
 175 4.2 3.5 5.3





#69
p-Isopropyltoluene
Concen: 2.337 ppbv
RT: 17.005 min Scan# 4479
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

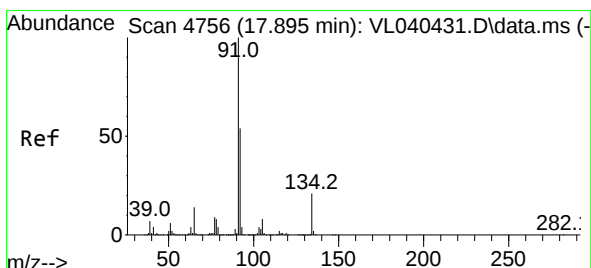
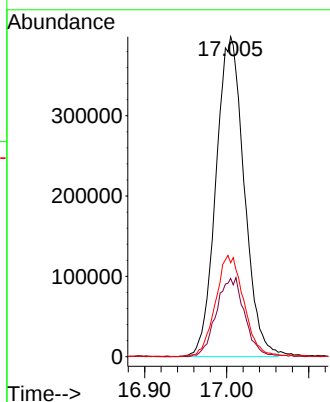
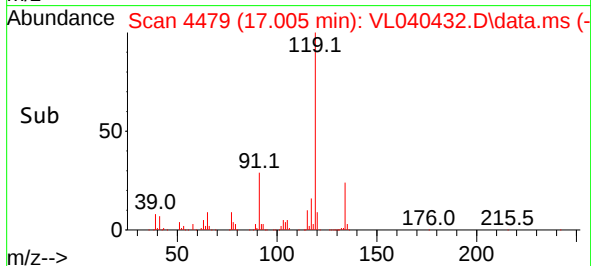
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



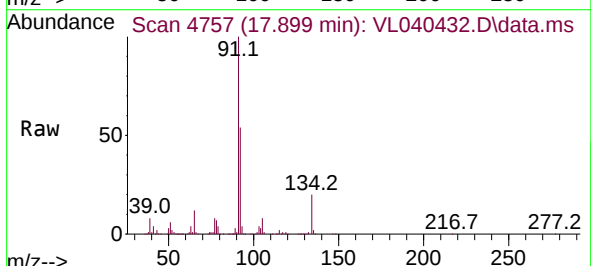
Tgt Ion:119 Resp: 95112
Ion Ratio Lower Upper
119 100
134 24.9 20.2 30.4
91 31.9 25.7 38.5

Manual Integrations
APPROVED

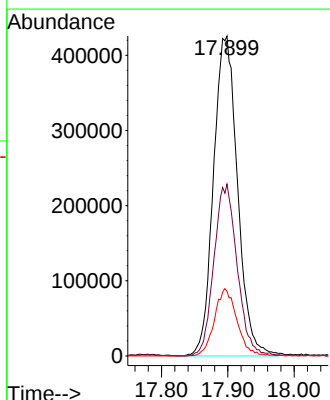
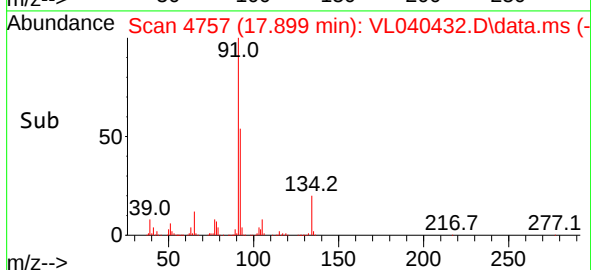
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

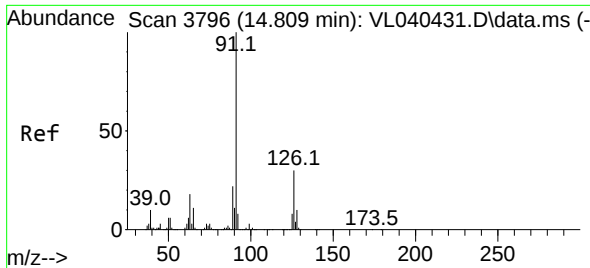


#70
n-Butylbenzene
Concen: 2.379 ppbv
RT: 17.899 min Scan# 4757
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



Tgt Ion: 91 Resp: 1073408
Ion Ratio Lower Upper
91 100
92 52.1 43.0 64.4
134 19.7 16.6 25.0





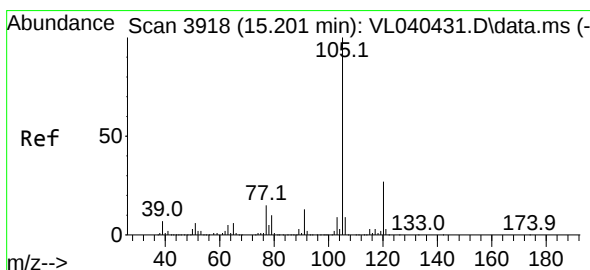
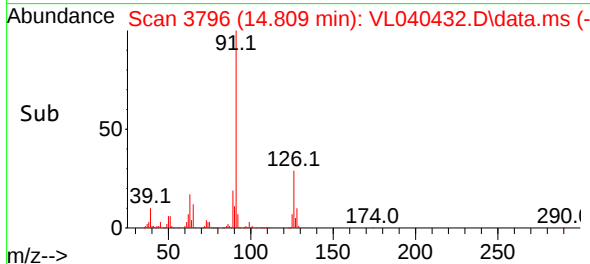
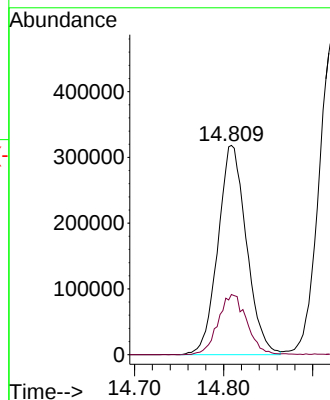
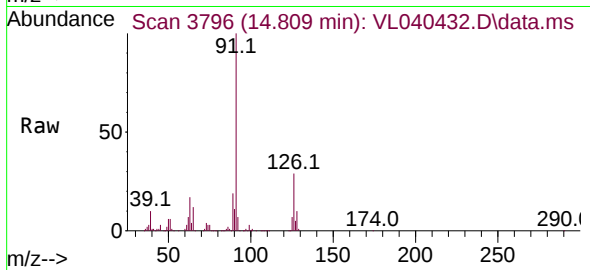
#71
2-Chlorotoluene
Concen: 2.237 ppbv
RT: 14.809 min Scan# 3796
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument : MSVOA_L
ClientSampleId : VSTDIC002

Tgt Ion: 91 Resp: 708229
Ion Ratio Lower Upper
91 100
126 29.0 11.8 47.4

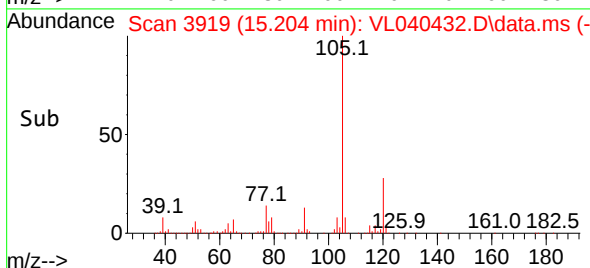
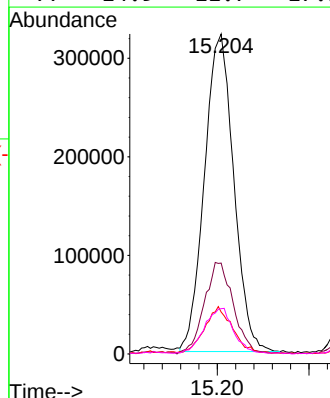
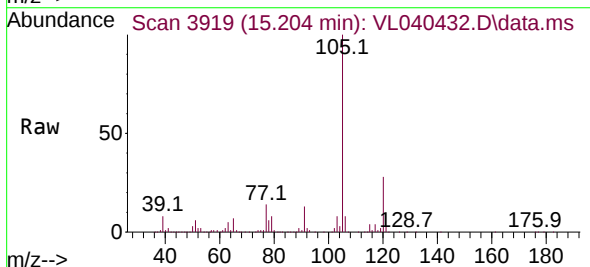
Manual Integrations
APPROVED

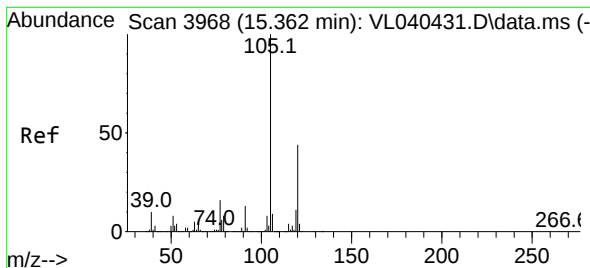
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#72
4-Ethyltoluene
Concen: 2.258 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. 0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:105 Resp: 714010
Ion Ratio Lower Upper
105 100
120 28.9 23.0 34.6
91 14.4 11.3 16.9
77 14.9 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 2.251 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. -0.003 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion:105 Resp: 65736

Ion Ratio Lower Upper

105 100

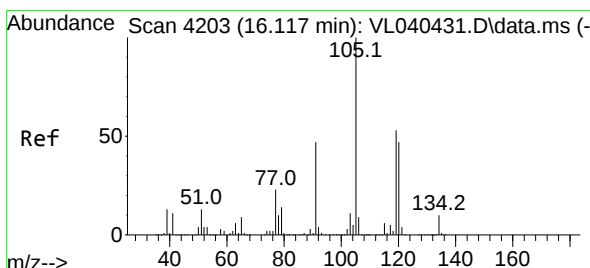
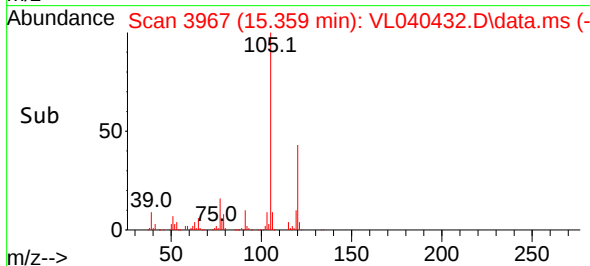
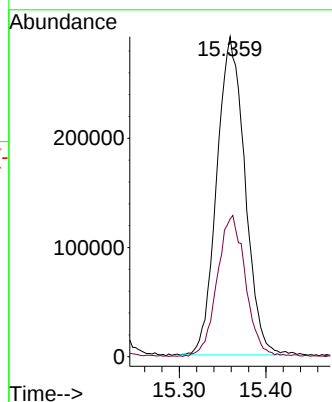
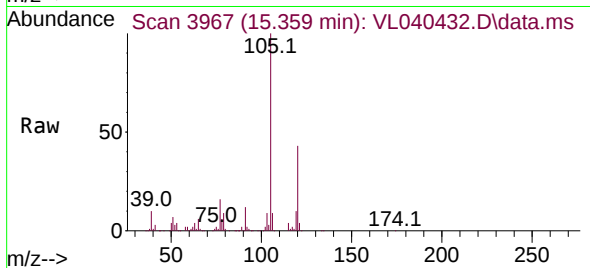
120 43.0 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023



#74

1,2,4-Trimethylbenzene

Concen: 2.260 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.000 min

Lab File: VL040432.D

Acq: 16 May 2023 10:15

Tgt Ion:105 Resp: 754409

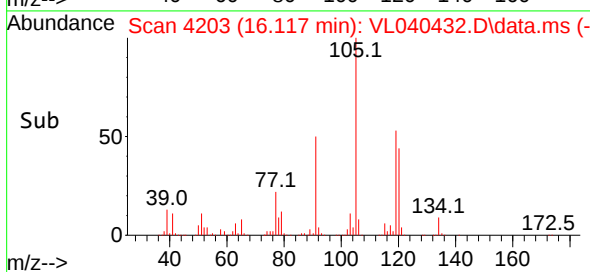
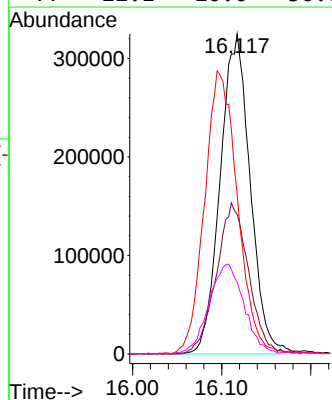
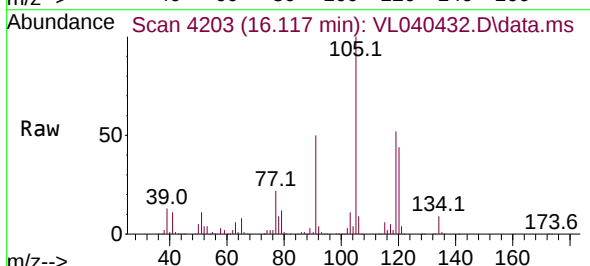
Ion Ratio Lower Upper

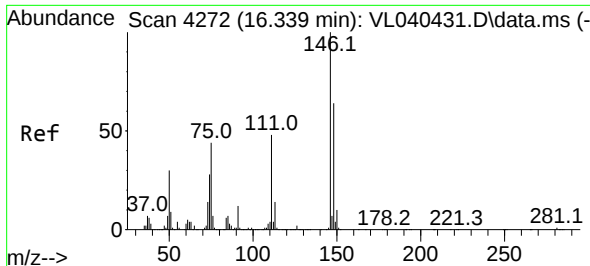
105 100

120 43.4 38.9 58.3

91 49.0 46.0 69.0

77 22.1 20.0 30.0





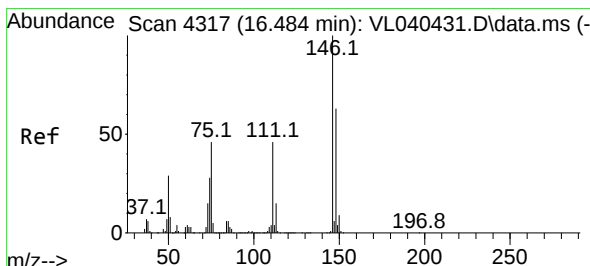
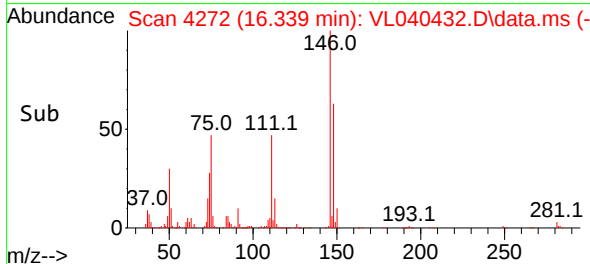
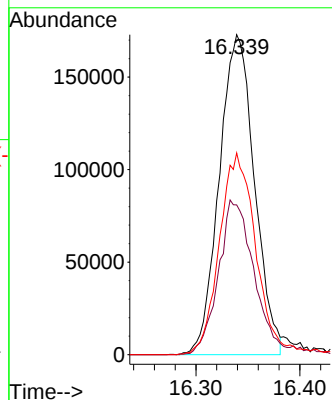
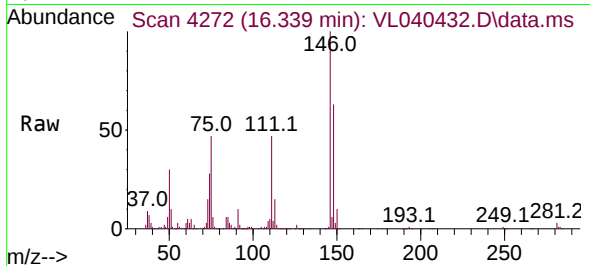
#75
1,3-Dichlorobenzene
Concen: 2.227 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:146 Resp: 40708
Ion Ratio Lower Upper
146 100
111 49.9 24.6 74.0
148 65.8 32.1 96.3

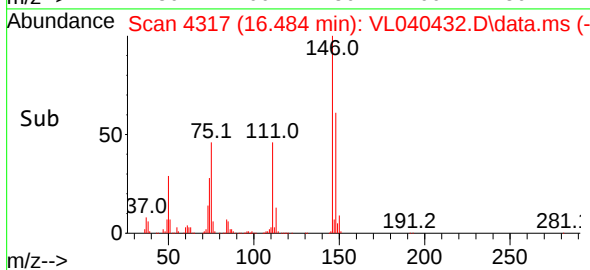
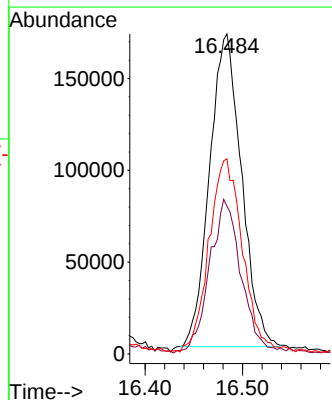
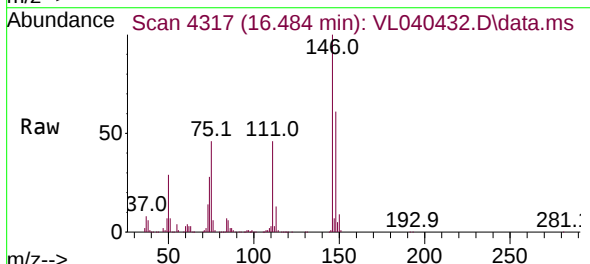
Manual Integrations
APPROVED

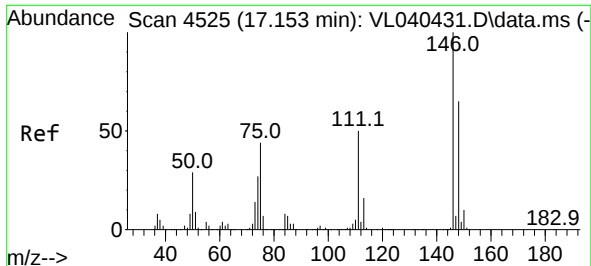
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#76
1,4-Dichlorobenzene
Concen: 2.147 ppbv
RT: 16.484 min Scan# 4317
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

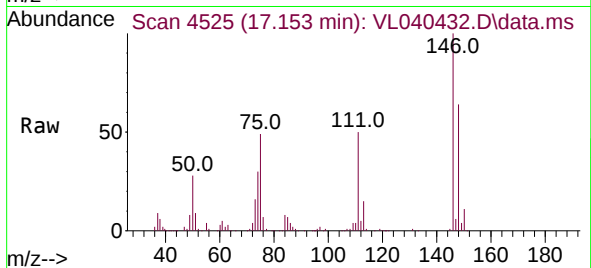
Tgt Ion:146 Resp: 387890
Ion Ratio Lower Upper
146 100
111 50.3 23.8 71.4
148 67.1 32.4 97.2





#77
1,2-Dichlorobenzene
Concen: 2.245 ppbv
RT: 17.153 min Scan# 4525
Delta R.T. -0.003 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

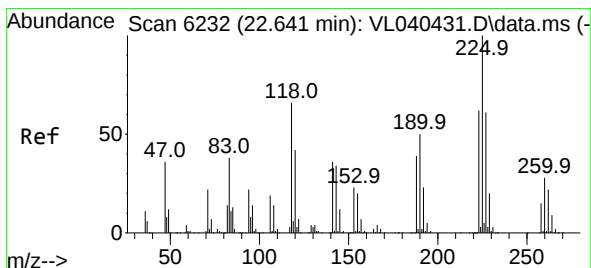
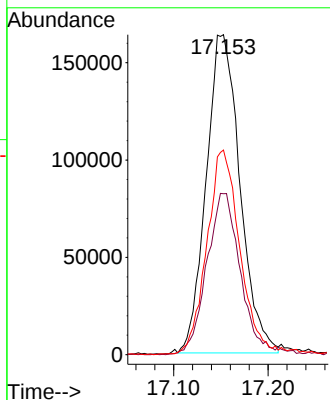
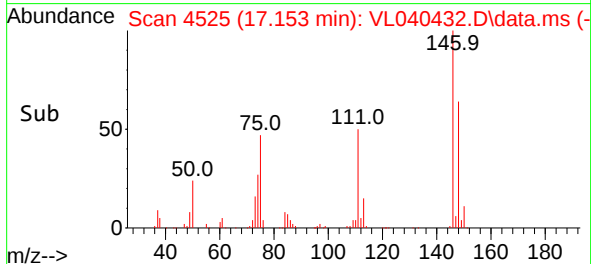
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002



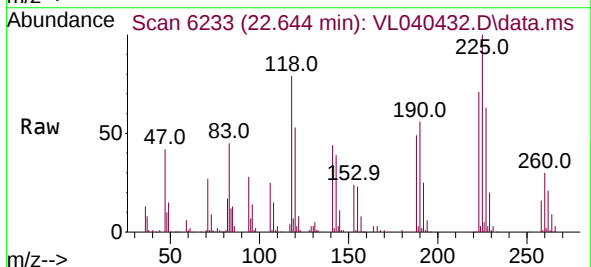
Tgt Ion:146 Resp: 40589
Ion Ratio Lower Upper
146 100
111 51.2 25.4 76.0
148 63.7 32.0 96.2

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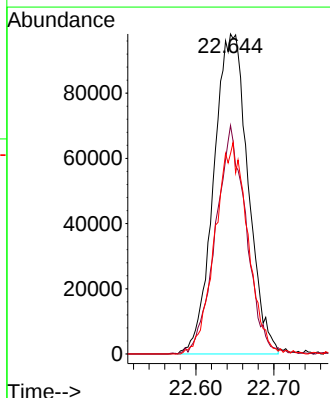
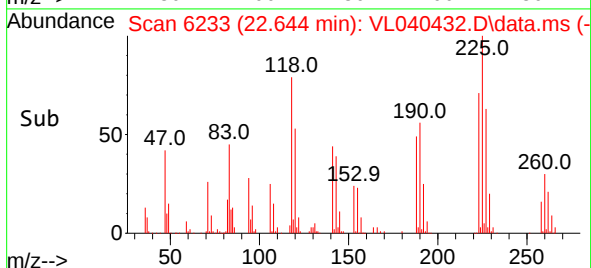
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

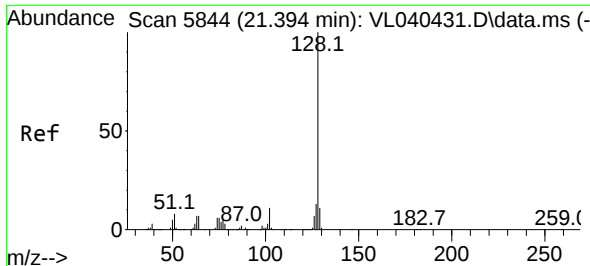


#78
Hexachloro-1,3-Butadiene
Concen: 2.075 ppbv
RT: 22.644 min Scan# 6233
Delta R.T. -0.004 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15



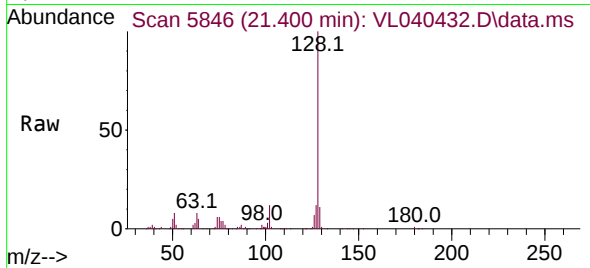
Tgt Ion:225 Resp: 300751
Ion Ratio Lower Upper
225 100
223 63.9 50.7 76.1
227 63.2 51.0 76.4





#79
Naphthalene
Concen: 2.401 ppbv
RT: 21.400 min Scan# 5846
Delta R.T. 0.006 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

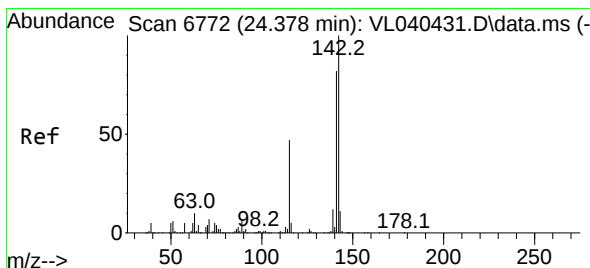
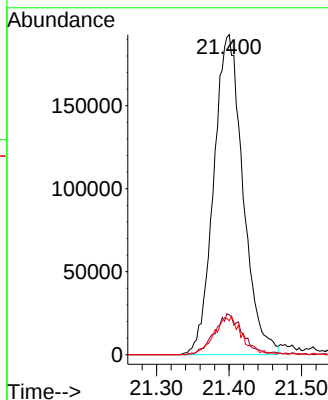
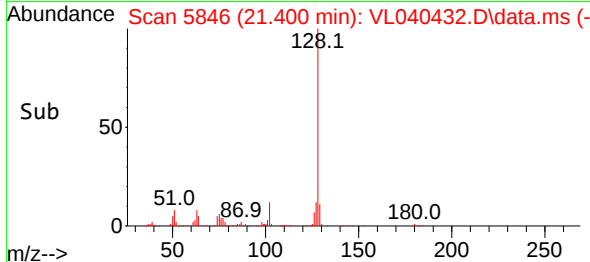
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002



Tgt Ion:128 Resp: 54103
Ion Ratio Lower Upper
128 100
127 12.5 10.0 15.0
129 10.6 9.4 14.0

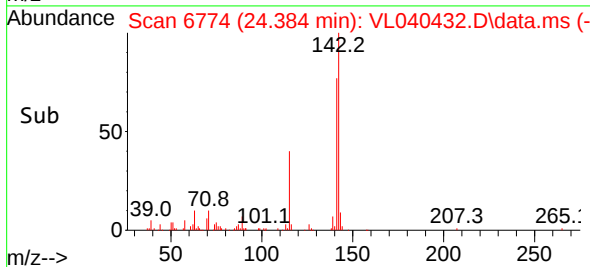
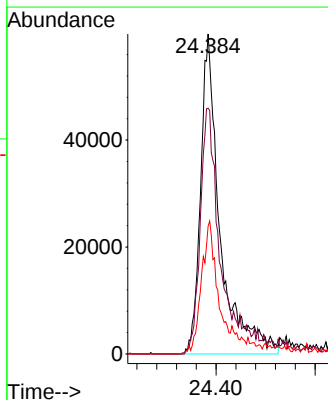
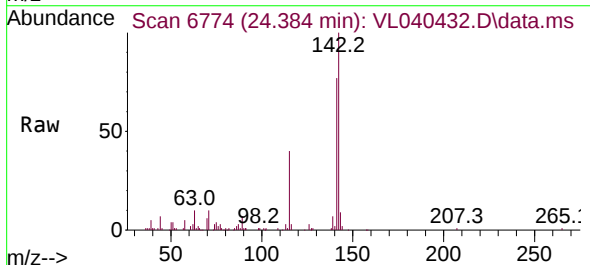
Manual Integrations
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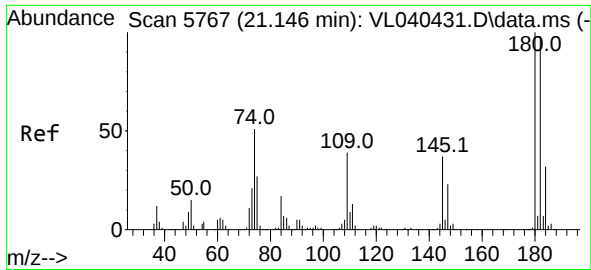
Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023



#80
Naphthalene,2-methyl-
Concen: 2.441 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.000 min
Lab File: VL040432.D
Acq: 16 May 2023 10:15

Tgt Ion:142 Resp: 163685
Ion Ratio Lower Upper
142 100
141 84.2 65.1 97.7
115 41.3 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 2.117 ppbv

RT: 21.149 min Scan# 51

Delta R.T. -0.007 min

Lab File: VL040432.D

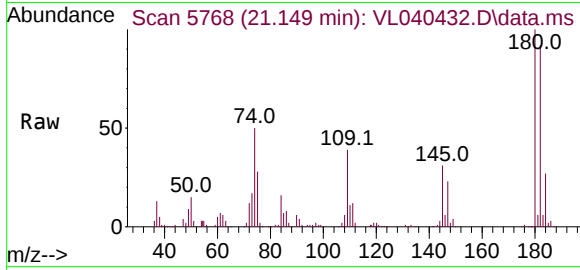
Acq: 16 May 2023 10:15

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002



Tgt Ion:180 Resp: 29311

Ion Ratio Lower Upper

180 100

182 97.2 77.7 116.5

184 30.1 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023

Supervised By :Mahesh Dadoda 05/17/2023

