

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110922\
 Data File : VL039844.D
 Acq On : 9 Nov 2022 11:48
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/10/2022
 Supervised By : Mahesh Dadoda 11/11/2022

Quant Time: Nov 10 03:43:15 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	978488	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.629	114	2550741	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.429	117	2445315m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.738 95 2025045 11.064 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 110.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	1253494	7.588	ppbv	99
3) Chlorodifluoromethane	2.681	51	1221865	10.474	ppbv	97
4) Chloromethane	2.816	50	706124	9.722	ppbv	100
5) Vinyl Chloride	2.922	62	613638	10.435	ppbv	97
6) Bromomethane	3.121	94	220338	10.504	ppbv	96
7) Chloroethane	3.195	64	213861	9.705	ppbv	99
8) Dichlorotetrafluoroethane	2.861	85	1445053	10.264	ppbv	94
9) Propene	2.700	41	563037	9.264	ppbv	99
10) Heptane	7.549	43	1398640	9.606	ppbv	99
11) Trichlorofluoromethane	3.558	101	1494956	11.096	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.057	101	1047109	10.761	ppbv	99
13) Ethanol	3.243	45	36178m	8.422	ppbv	
14) Bromoethene	3.365	108	449207	10.310	ppbv	97
15) Acetone	3.465	43	958294	8.046	ppbv	99
16) 1,3-Butadiene	2.986	39	550458	9.938	ppbv	97
17) tert-Butyl alcohol	3.870	59	1004588	8.857	ppbv	98
18) 1,1-Dichloroethene	3.877	96	479961	10.758	ppbv	90
19) Isopropyl Alcohol	3.571	45	514796	8.733	ppbv #	33
20) Methylene Chloride	3.925	84	408865	9.596	ppbv	92
21) Allyl Chloride	3.989	41	719129	9.546	ppbv	99
22) trans-1,2-Dichloroethene	4.433	96	515666	11.388	ppbv	95
23) Vinyl Acetate	4.613	43	412103	8.685	ppbv #	98
24) 1,1-Dichloroethane	4.552	63	977138	10.082	ppbv	99
25) Ethyl Acetate	5.189	43	2345092	9.559	ppbv	99
26) Hexane	5.195	57	1007301	9.209	ppbv	99
27) Carbon Disulfide	4.115	76	1228036	10.691	ppbv	99
28) Methyl tert-Butyl Ether	4.574	73	976531	9.863	ppbv	97
29) Chloroform	5.256	83	1660483	10.796	ppbv	98
30) Cyclohexane	6.574	84	892518	9.757	ppbv	98
31) cis-1,2-Dichloroethene	5.063	61	784537	7.866	ppbv	94
32) 1,1,1-Trichloroethane	5.979	97	1675999	10.946	ppbv	99
34) 2-Butanone	4.774	43	1097502	10.430	ppbv	98
35) Carbon Tetrachloride	6.468	117	1680586	11.303	ppbv	98
36) Benzene	6.346	78	2238339	10.403	ppbv	97
37) 1,2-Dichloroethane	5.787	62	1288877	12.485	ppbv	97
38) Trichloroethene	7.262	130	1167833	10.140	ppbv	95
39) 1,2-Dichloropropane	7.044	63	891866	10.639	ppbv	97
40) 1,4-Dioxane	7.262	88	342122m	10.657	ppbv	
41) Tetrahydrofuran	5.539	42	903903	10.278	ppbv	99
42) Bromodichloromethane	7.221	83	1896893	11.504	ppbv	97
43) Methyl Methacrylate	7.449	69	905954	10.654	ppbv	97
44) 2,2,4-Trimethylpentane	7.298	57	3735707	10.286	ppbv	100
45) t-1,3-Dichloropropene	8.677	75	902411	11.078	ppbv	99

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

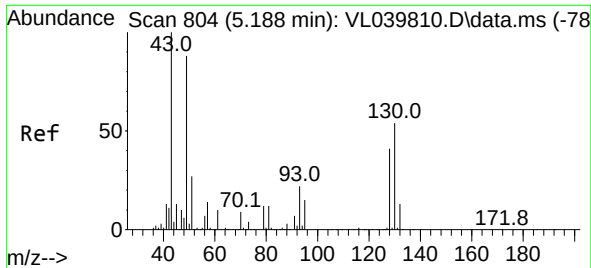
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

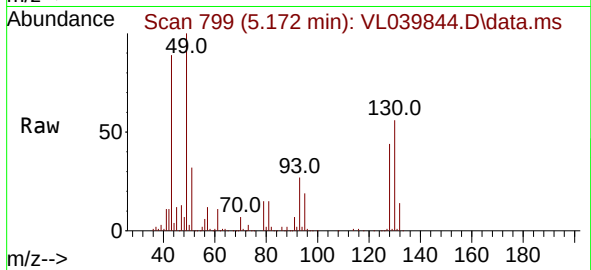
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.111	75	1196427	10.761	ppbv	97
47) 1,1,2-Trichloroethane	8.864	97	887433	10.454	ppbv	97
48) Dibromochloromethane	9.674	129	1466642	10.139	ppbv	99
49) Bromoform	12.368	173	1088298	9.360	ppbv	98
50) 4-Methyl-2-Pentanone	8.153	43	2297330	10.664	ppbv	100
51) 2-Hexanone	9.520	43	1829545	10.892	ppbv	99
52) Tetrachloroethene	10.577	164	726686	9.015	ppbv	94
53) Toluene	9.185	91	2478878	10.042	ppbv	100
54) 1,2-Dibromoethane	9.973	107	1056102	11.210	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.471	131	1017322	9.731	ppbv	96
57) Chlorobenzene	11.487	112	1757537	9.475	ppbv	95
58) Ethyl Benzene	12.053	91	3270437	9.892	ppbv	98
59) m/p-Xylene	12.336	91	5400903m	19.569	ppbv	
60) o-Xylene	13.021	91	2543923	9.729	ppbv	97
61) Styrene	12.860	104	1552026	9.646	ppbv	97
62) Isopropylbenzene	13.995	105	3562590	9.340	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.008	83	898682	9.229	ppbv	98
64) n-propylbenzene	14.883	120	913929	8.957	ppbv	84
65) tert-Butylbenzene	16.053	119	2894109	8.641	ppbv	93
66) Benzyl Chloride	16.291	91	241845m	6.211	ppbv	
67) sec-Butylbenzene	16.600	105	4181525	9.172	ppbv	97
69) p-Isopropyltoluene	16.963	119	3259690	8.620	ppbv	97
70) n-Butylbenzene	17.854	91	3514711	9.614	ppbv	97
71) 2-Chlorotoluene	14.764	91	2759385	9.628	ppbv	97
72) 4-Ethyltoluene	15.159	105	2769484	9.406	ppbv	97
73) 1,3,5-Trimethylbenzene	15.317	105	2459096	9.421	ppbv	94
74) 1,2,4-Trimethylbenzene	16.072	105	2599819	9.375	ppbv	98
75) 1,3-Dichlorobenzene	16.294	146	1447434	8.939	ppbv	98
76) 1,4-Dichlorobenzene	16.436	146	1396993	8.792	ppbv	99
77) 1,2-Dichlorobenzene	17.108	146	1353229	8.865	ppbv	98
78) Hexachloro-1,3-Butadiene	22.593	225	927879	8.204	ppbv	99
79) Naphthalene	21.342	128	2104465	10.438	ppbv	98
80) Naphthalene,2-methyl-	24.352	142	703277	8.227	ppbv	95
81) 1,2,4-Trichlorobenzene	21.101	180	1080816	9.583	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 79
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

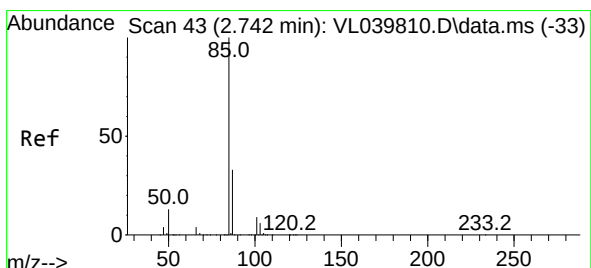
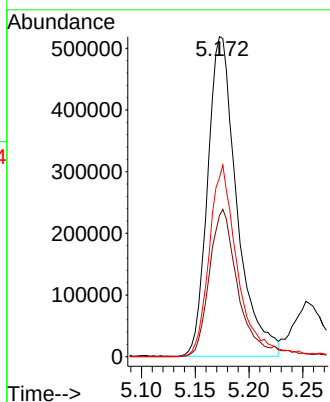
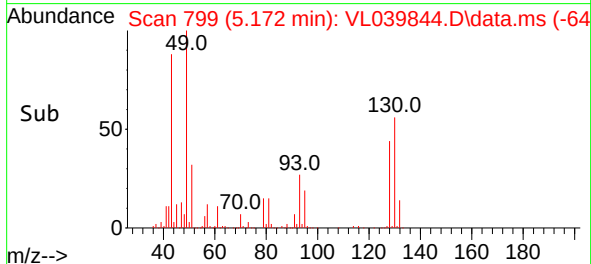
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



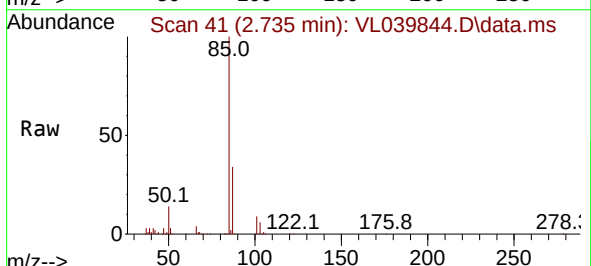
Tgt Ion: 49 Resp: 97848
Ion Ratio Lower Upper
49 100
128 47.4 24.6 73.6
130 60.1 31.1 93.2

Manual Integrations
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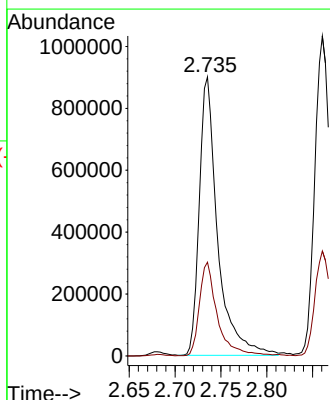
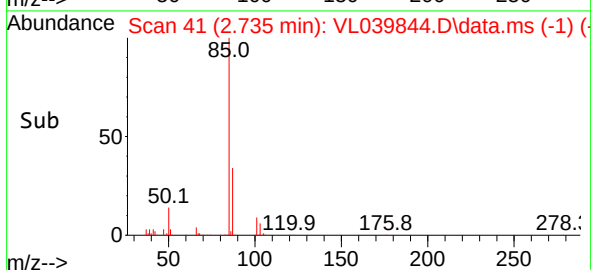
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

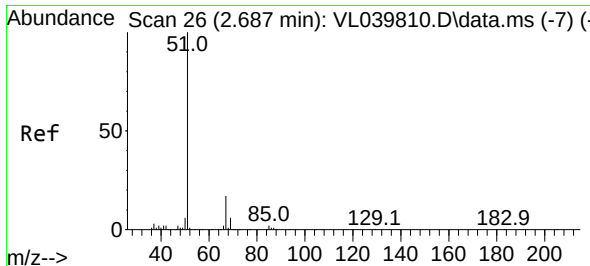


#2
Dichlorodifluoromethane
Concen: 7.588 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



Tgt Ion: 85 Resp: 1253494
Ion Ratio Lower Upper
85 100
87 33.6 26.4 39.6





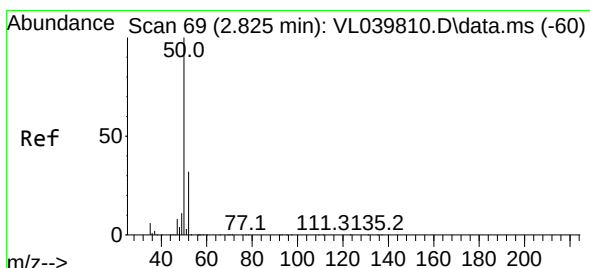
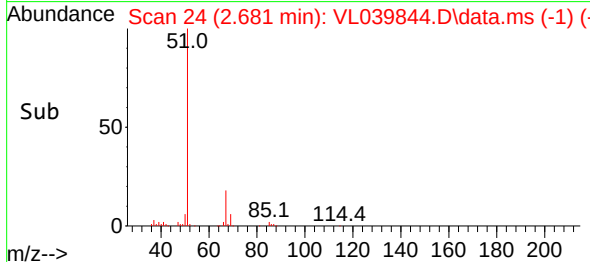
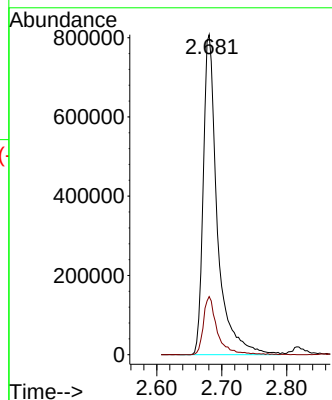
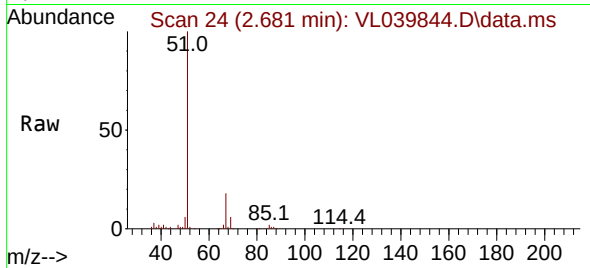
#3
Chlorodifluoromethane
Concen: 10.474 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.006 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 122186
Ion Ratio Lower Upper
51 100
67 18.0 13.2 19.8

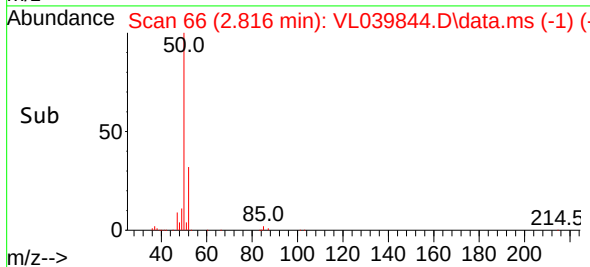
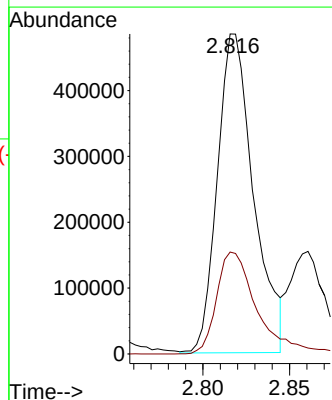
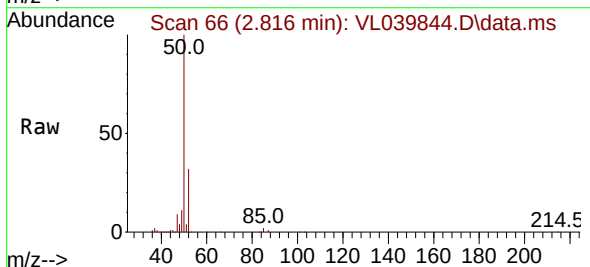
Manual Integrations
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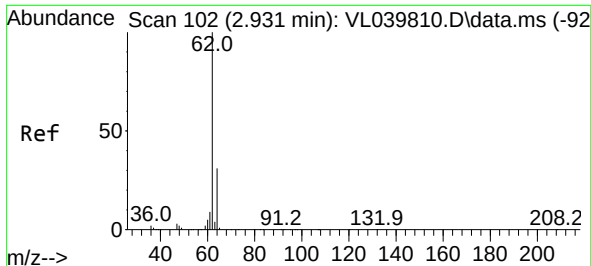
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#4
Chloromethane
Concen: 9.722 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 50 Resp: 706124
Ion Ratio Lower Upper
50 100
52 32.0 25.5 38.3





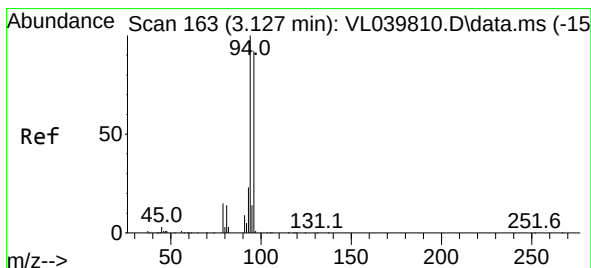
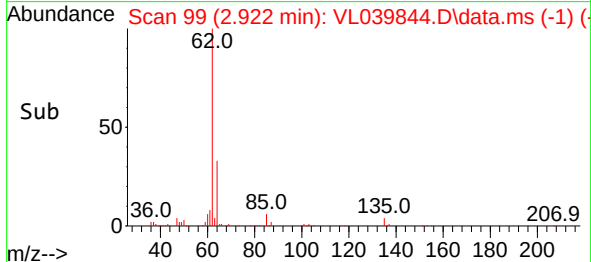
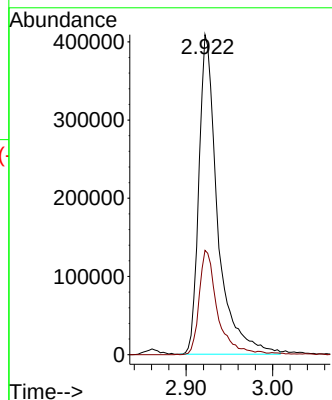
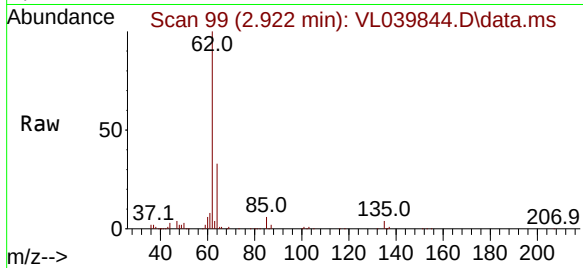
#5
 Vinyl Chloride
 Concen: 10.435 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. -0.010 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 613638
 Ion Ratio Lower Upper
 62 100
 64 32.6 25.0 37.4

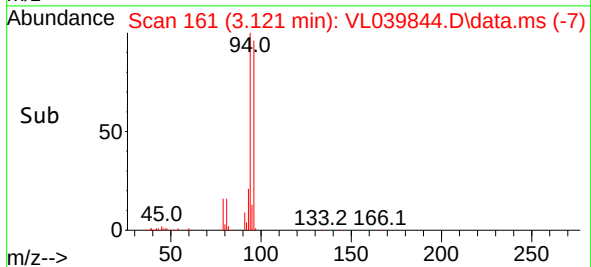
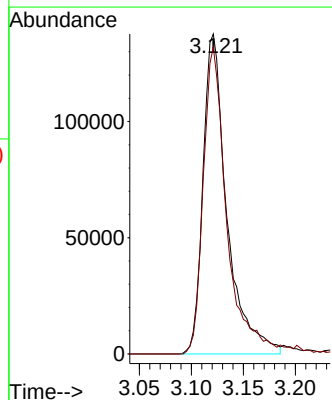
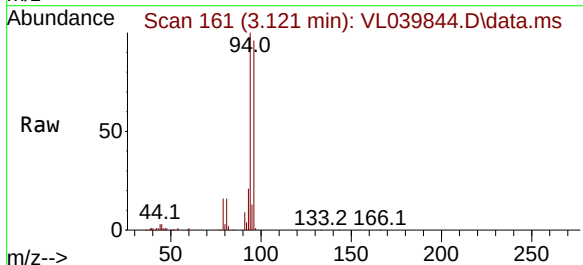
Manual Integrations
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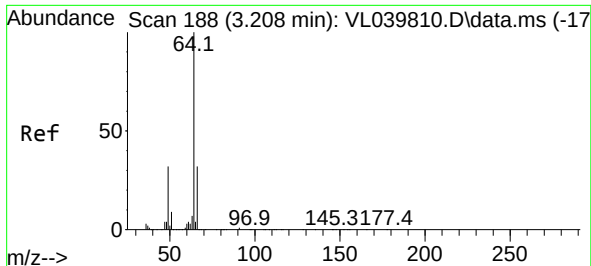
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#6
 Bromomethane
 Concen: 10.504 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.006 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

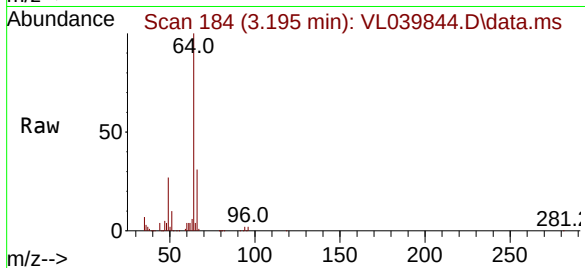
Tgt Ion: 94 Resp: 220338
 Ion Ratio Lower Upper
 94 100
 96 95.9 73.5 110.3





#7
Chloroethane
Concen: 9.705 ppbv
RT: 3.195 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

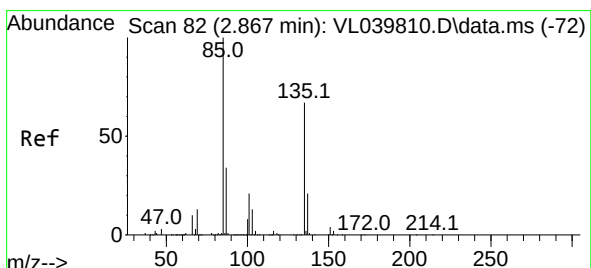
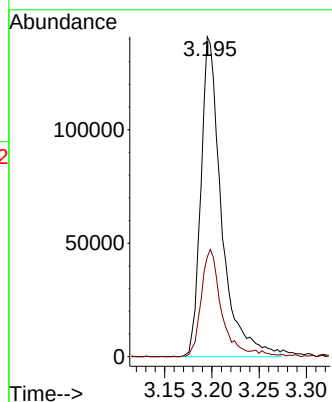
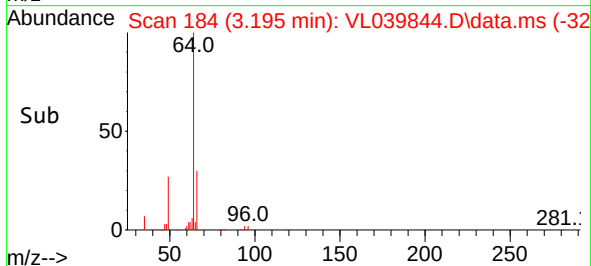
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 21386
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3

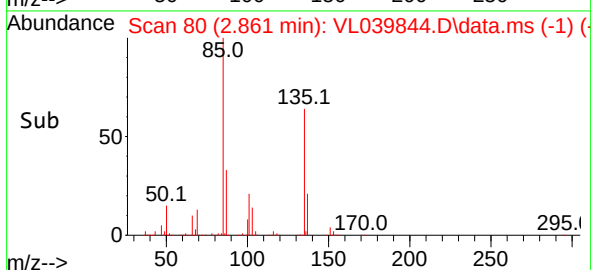
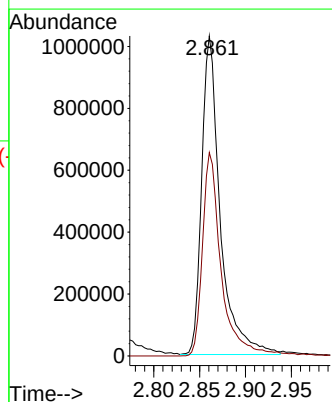
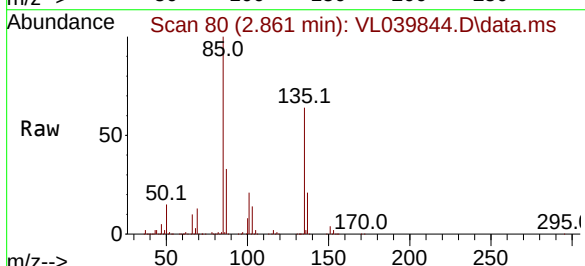
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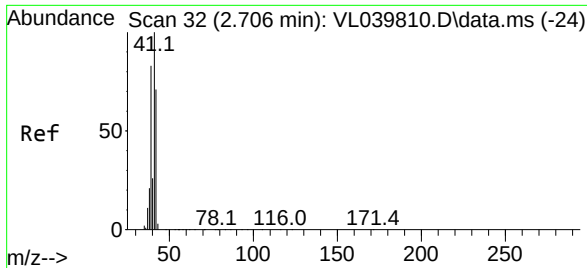
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#8
Dichlorotetrafluoroethane
Concen: 10.264 ppbv
RT: 2.861 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 85 Resp: 1445053
Ion Ratio Lower Upper
85 100
135 65.6 56.7 85.1





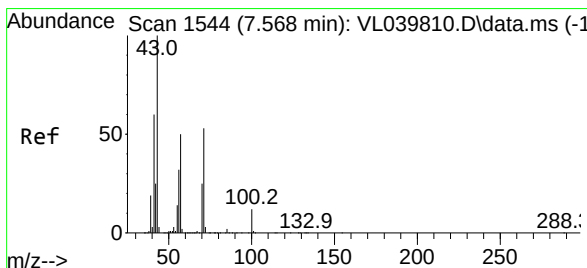
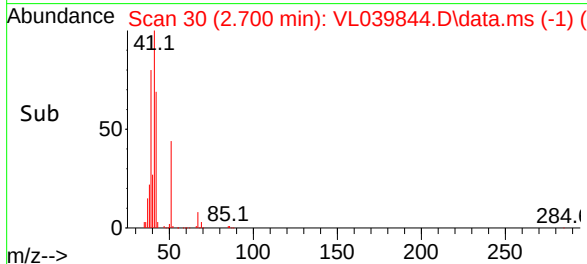
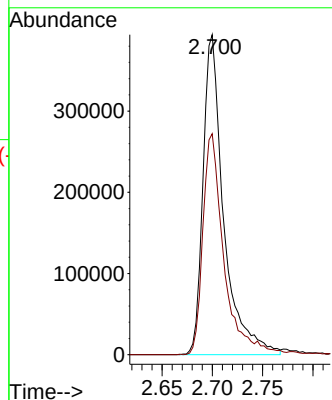
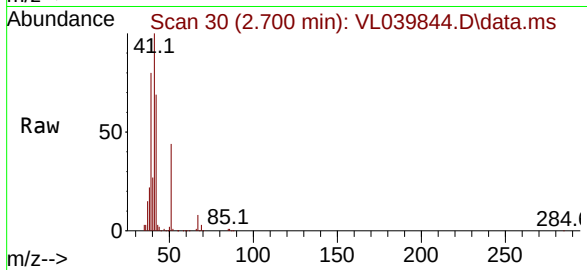
#9
 Propene
 Concen: 9.264 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 56303
 Ion Ratio Lower Upper
 41 100
 42 71.3 56.3 84.5

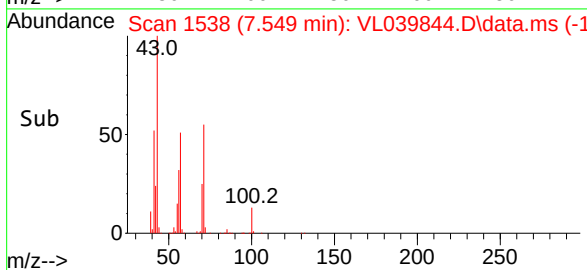
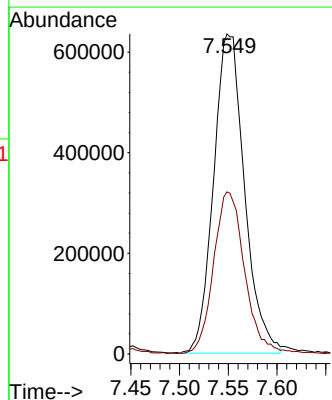
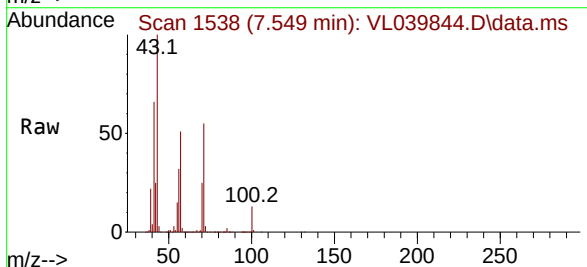
Manual Integrations
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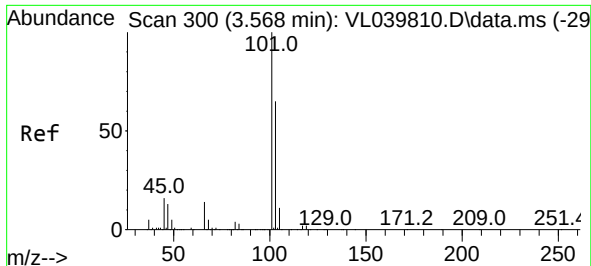
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#10
 Heptane
 Concen: 9.606 ppbv
 RT: 7.549 min Scan# 1538
 Delta R.T. -0.019 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

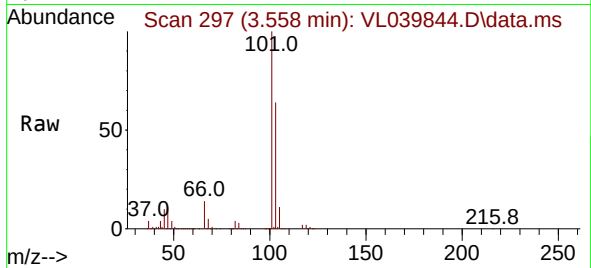
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 Ion Ratio Lower Upper
 43 100
 57 51.5 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 11.096 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. -0.010 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

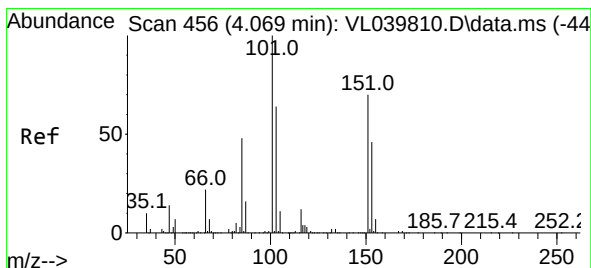
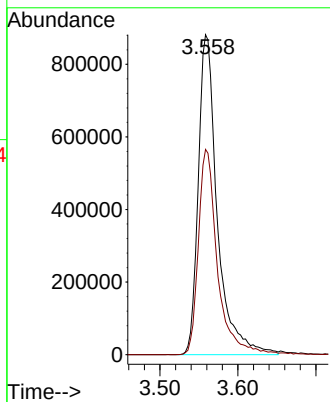
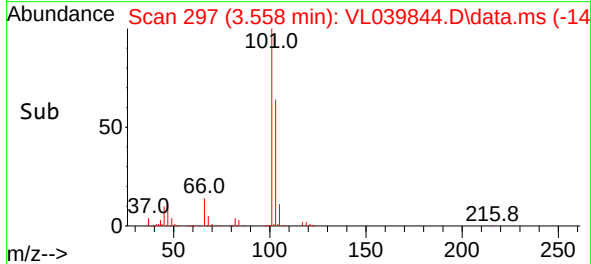
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



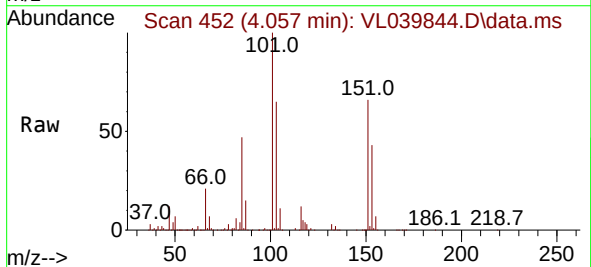
Tgt Ion:101 Resp: 1494956
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.2 78.2

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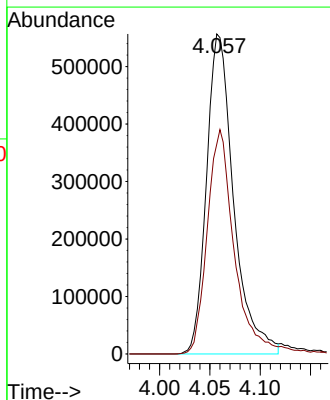
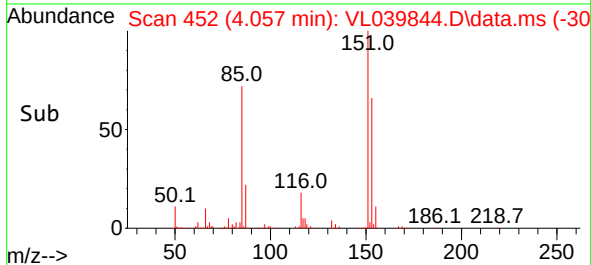
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022

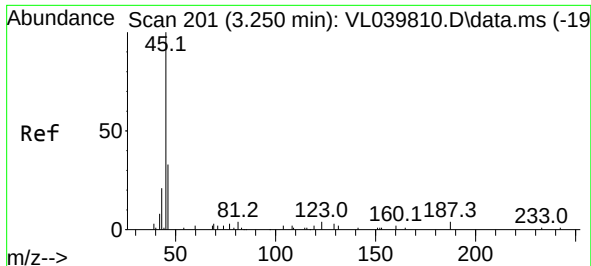


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.761 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48



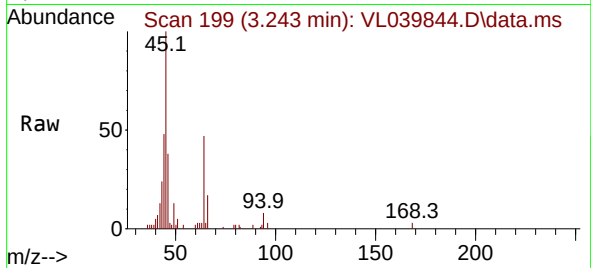
Tgt Ion:101 Resp: 1047109
 Ion Ratio Lower Upper
 101 100
 151 71.0 57.2 85.8





#13
Ethanol
Concen: 8.422 ppbv m
RT: 3.243 min Scan# 199
Delta R.T. -0.006 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

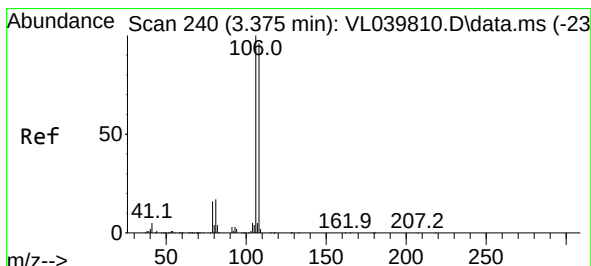
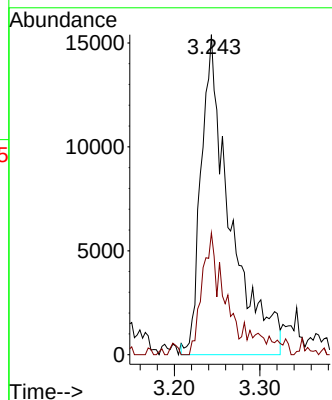
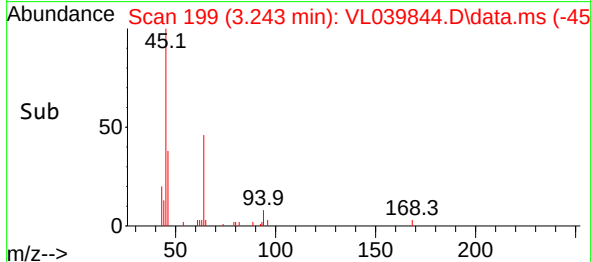
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



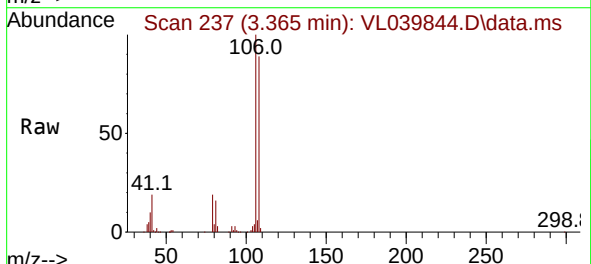
Tgt Ion: 45 Resp: 36178
Ion Ratio Lower Upper
45 100
46 35.2 16.5 65.9

Manual Integrations
APPROVED

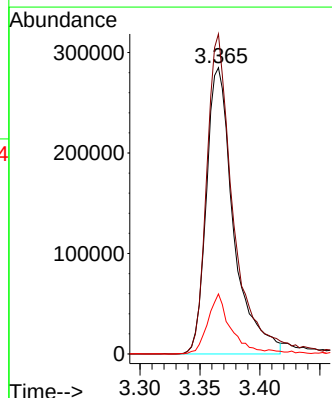
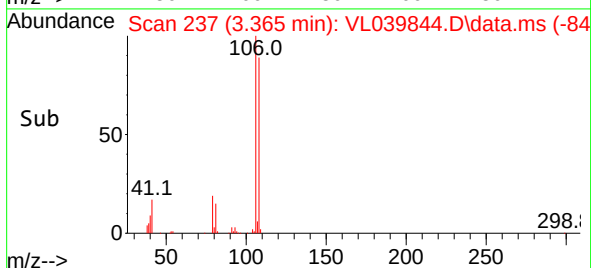
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

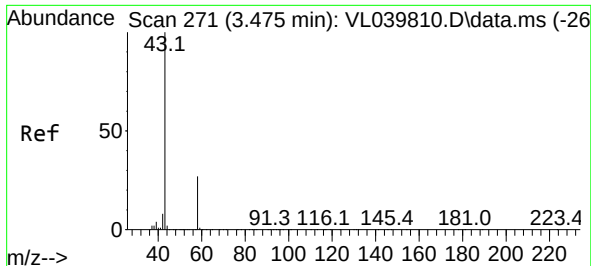


#14
Bromoethene
Concen: 10.310 ppbv
RT: 3.365 min Scan# 237
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



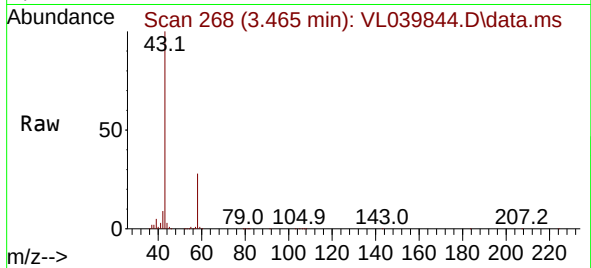
Tgt Ion:108 Resp: 449207
Ion Ratio Lower Upper
108 100
106 112.7 87.8 131.8
79 19.4 14.5 21.7





#15
Acetone
Concen: 8.046 ppbv
RT: 3.465 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

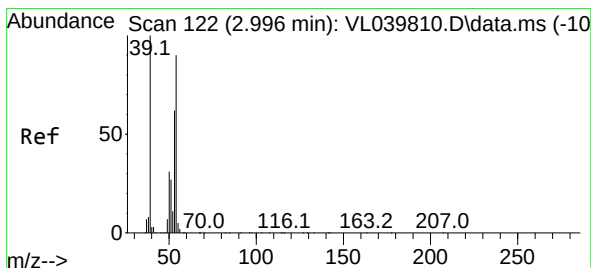
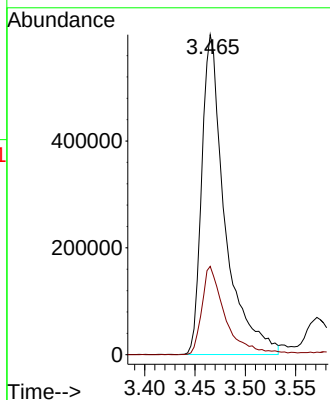
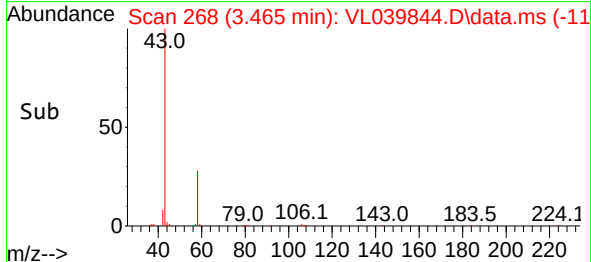
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 958294
Ion Ratio Lower Upper
43 100
58 28.2 23.2 34.8

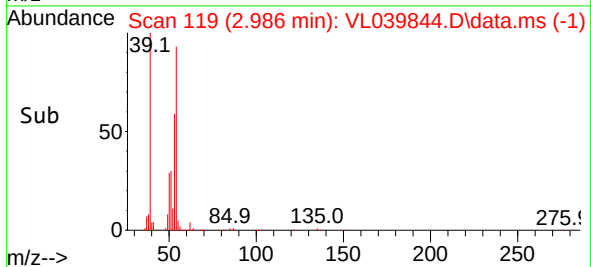
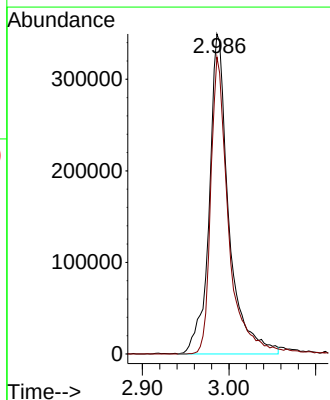
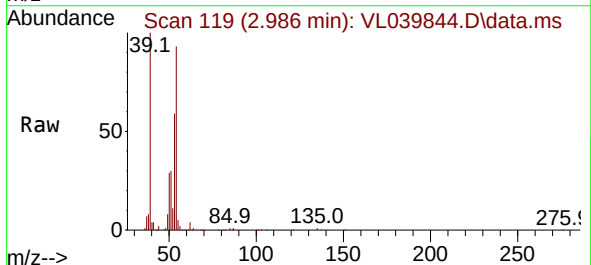
Manual Integrations
APPROVED

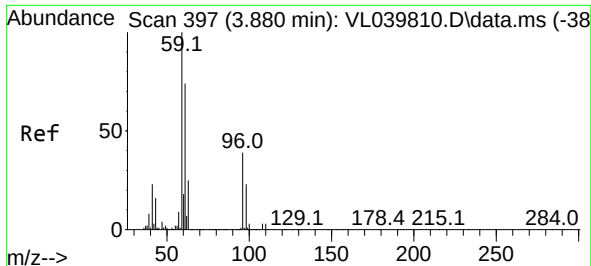
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#16
1,3-Butadiene
Concen: 9.938 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 39 Resp: 550458
Ion Ratio Lower Upper
39 100
54 85.5 71.0 106.4





#17

tert-Butyl alcohol

Concen: 8.857 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.010 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 100458

Ion Ratio Lower Upper

59 100

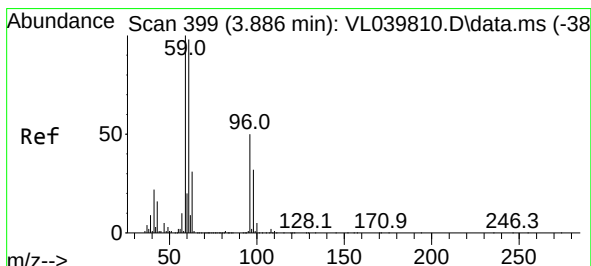
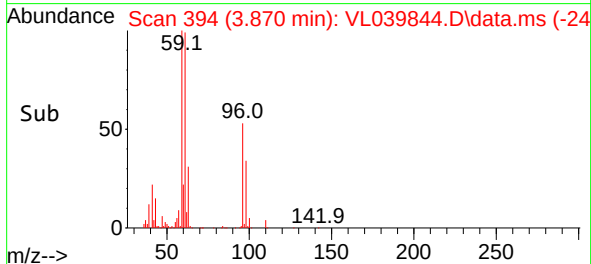
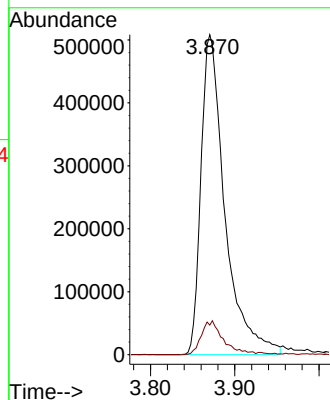
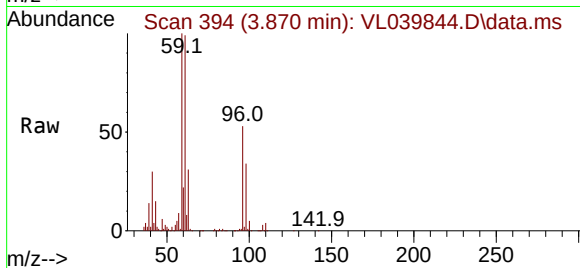
57 10.4 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#18

1,1-Dichloroethene

Concen: 10.758 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.010 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

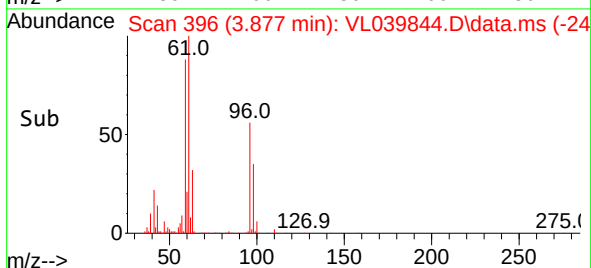
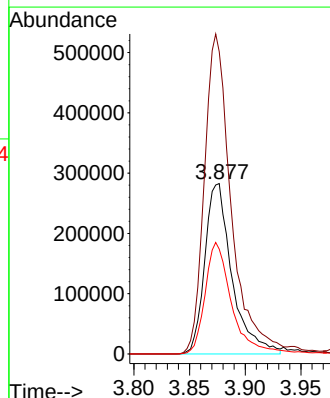
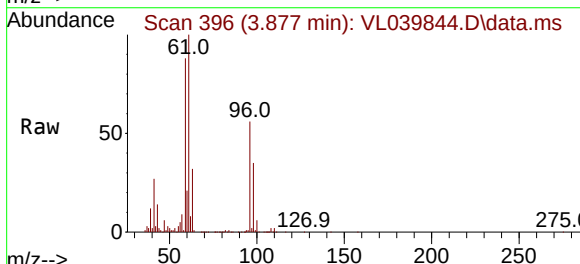
Tgt Ion: 96 Resp: 479961

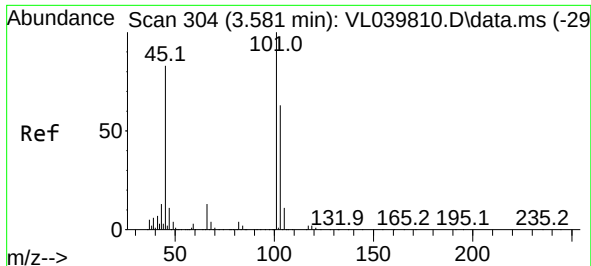
Ion Ratio Lower Upper

96 100

61 177.3 156.9 235.3

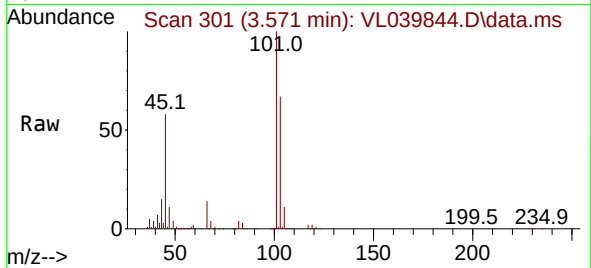
98 61.4 50.6 75.8





#19
Isopropyl Alcohol
Concen: 8.733 ppbv
RT: 3.571 min Scan# 304
Delta R.T. -0.010 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

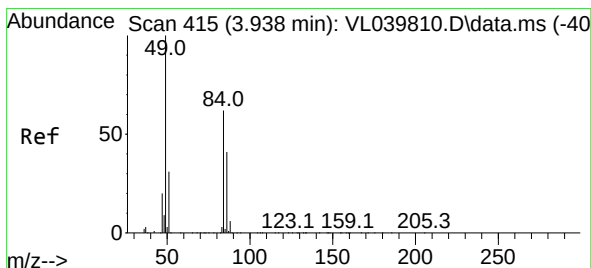
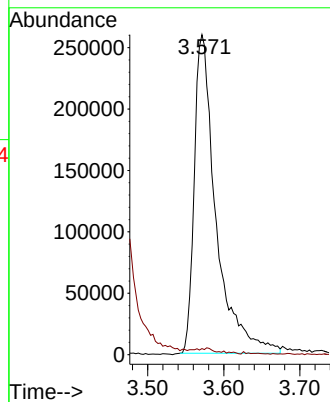
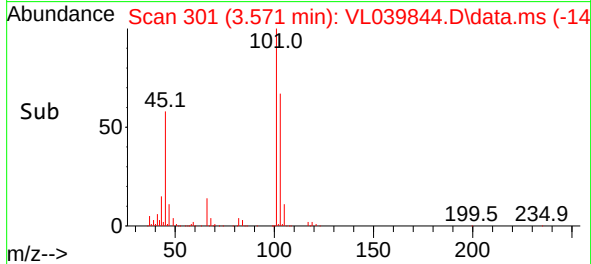
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



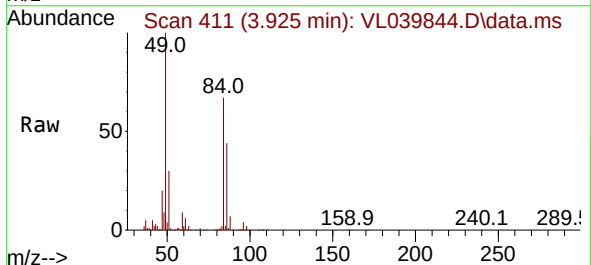
Tgt Ion: 45 Resp: 514790
Ion Ratio Lower Upper
45 100
58 2.5 38.3 57.5

Manual Integrations
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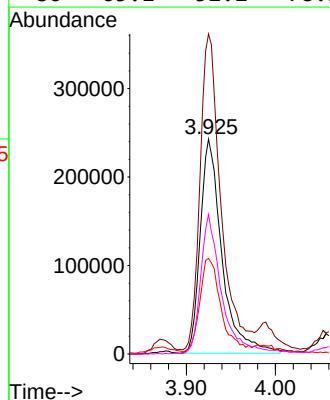
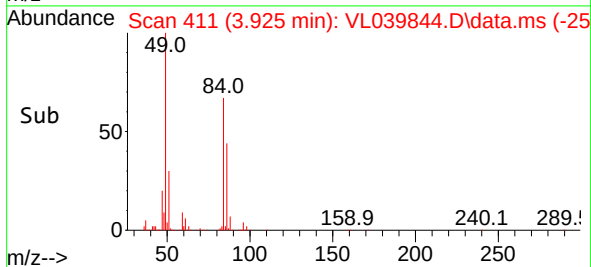
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

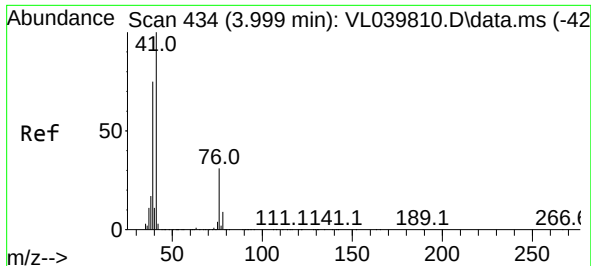


#20
Methylene Chloride
Concen: 9.596 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



Tgt Ion: 84 Resp: 408865
Ion Ratio Lower Upper
84 100
49 147.3 128.6 192.8
51 43.2 40.2 60.4
86 65.1 52.2 78.2





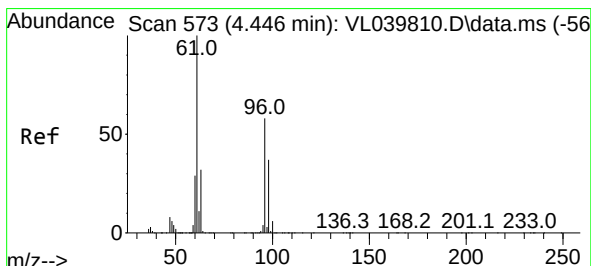
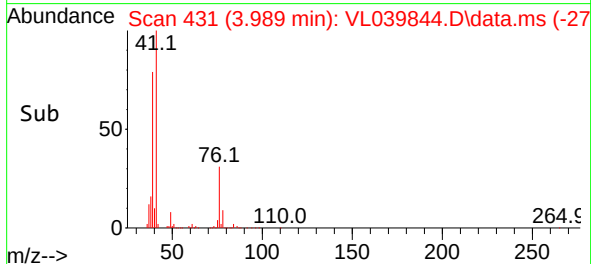
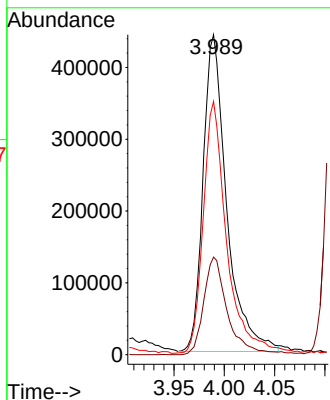
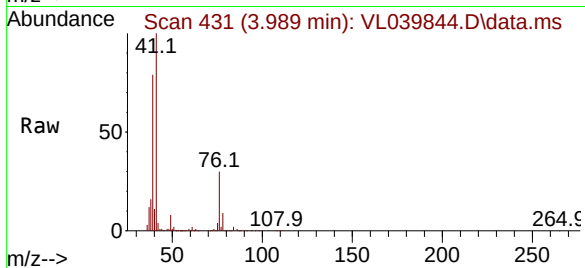
#21
 Allyl Chloride
 Concen: 9.546 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 719129
 Ion Ratio Lower Upper
 41 100
 76 31.3 24.1 36.1
 39 79.6 64.3 96.5

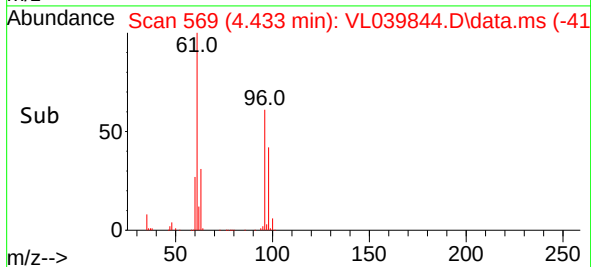
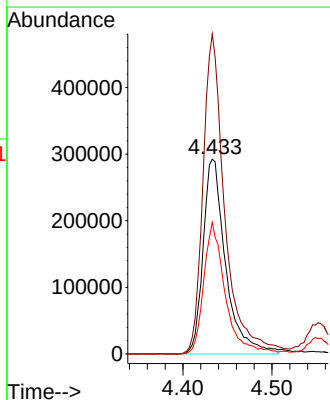
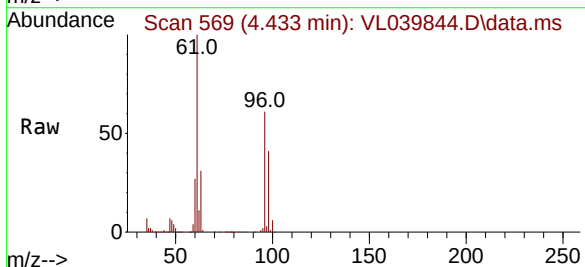
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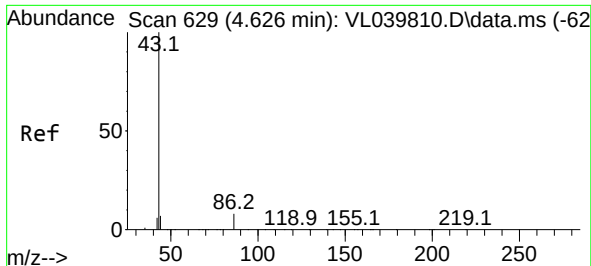
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.388 ppbv
 RT: 4.433 min Scan# 569
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 96 Resp: 515666
 Ion Ratio Lower Upper
 96 100
 61 164.2 137.6 206.4
 98 67.5 51.2 76.8





#23
 Vinyl Acetate
 Concen: 8.685 ppbv
 RT: 4.613 min Scan# 610
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

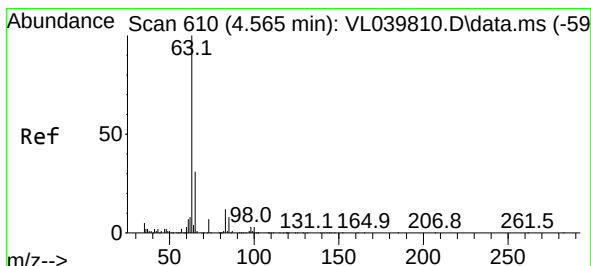
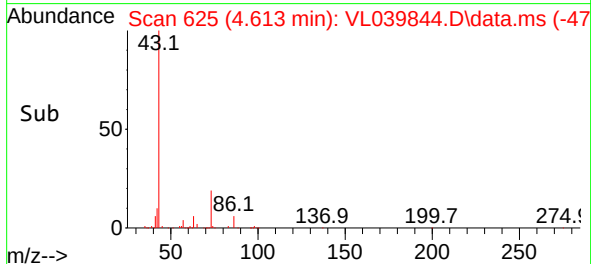
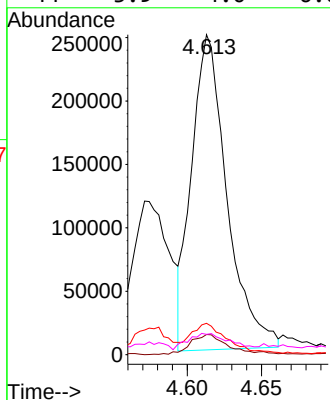
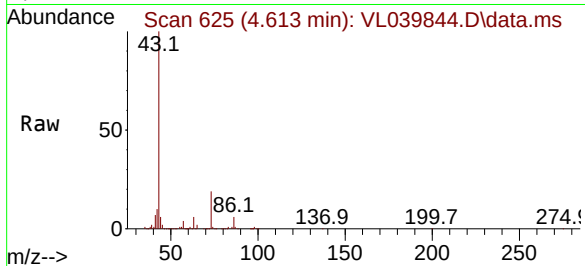
ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 41210
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.0 7.4
 42 9.6 6.8 10.2
 44 3.9 4.0 6.0#

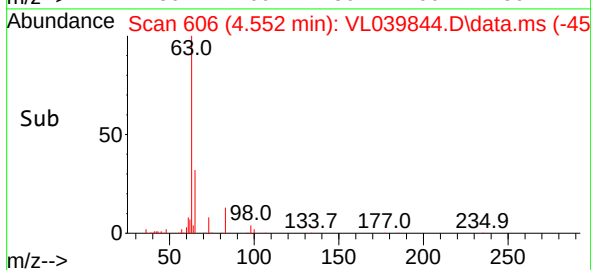
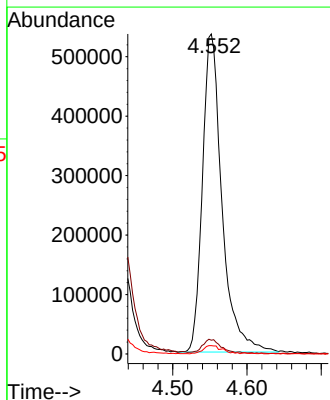
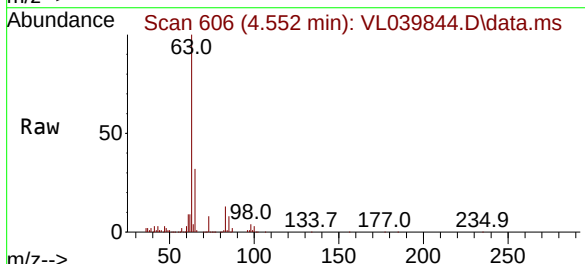
Manual Integrations
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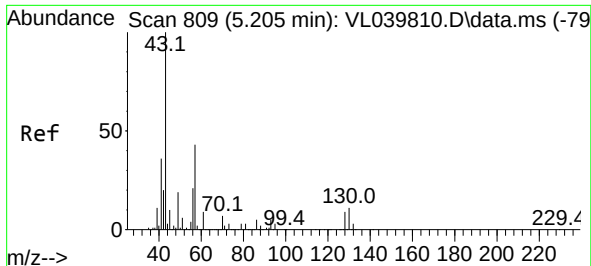
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#24
 1,1-Dichloroethane
 Concen: 10.082 ppbv
 RT: 4.552 min Scan# 606
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 63 Resp: 977138
 Ion Ratio Lower Upper
 63 100
 98 4.1 1.8 5.4
 100 2.5 1.5 4.4





#25

Ethyl Acetate

Concen: 9.559 ppbv

RT: 5.189 min Scan# 804

Delta R.T. -0.016 min

Lab File: VL039844.D

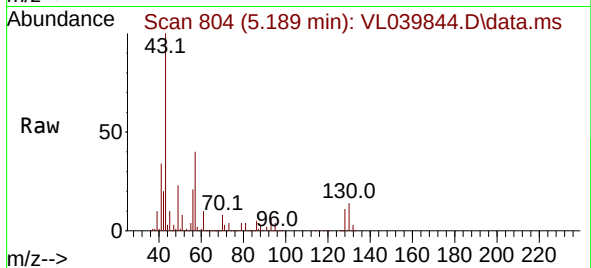
Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 43 Resp: 234509

Ion Ratio Lower Upper

43 100

45 10.9 8.2 12.2

61 10.8 8.1 12.1

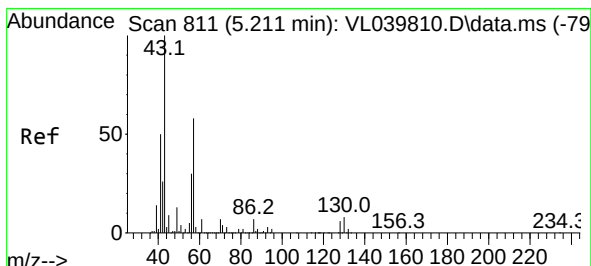
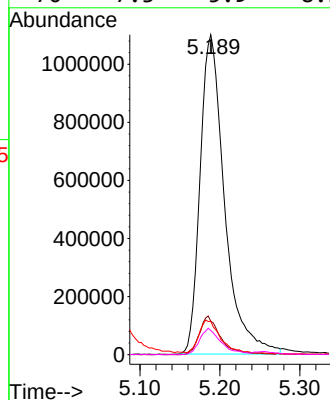
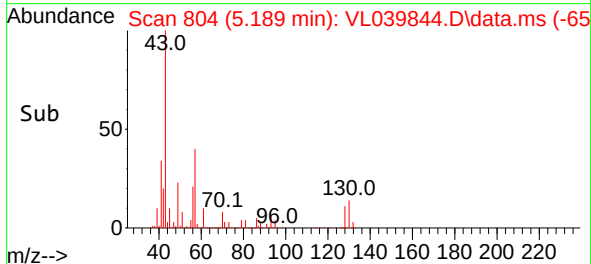
70 7.3 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#26

Hexane

Concen: 9.209 ppbv

RT: 5.195 min Scan# 806

Delta R.T. -0.016 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Tgt Ion: 57 Resp: 1007301

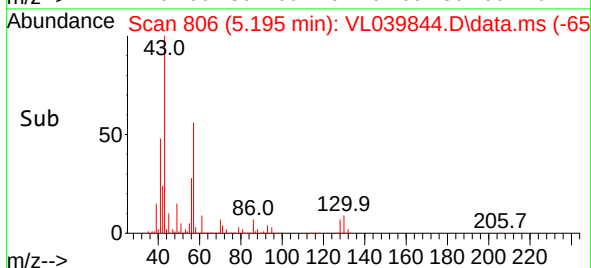
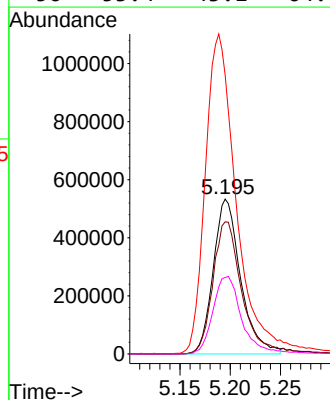
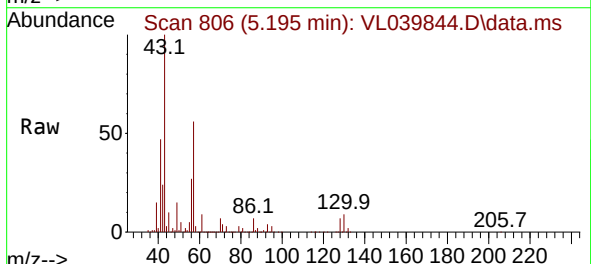
Ion Ratio Lower Upper

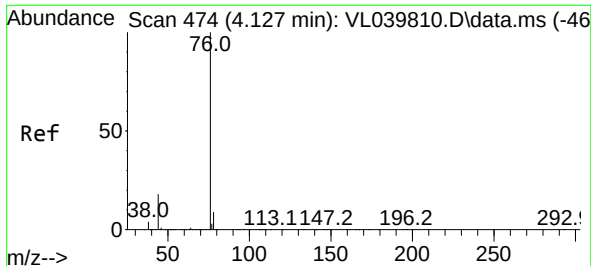
57 100

41 91.9 73.7 110.5

43 238.4 189.8 284.8

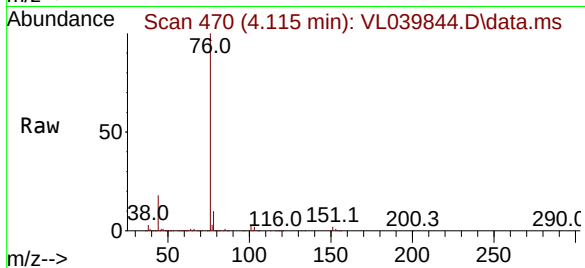
56 53.4 43.1 64.7





#27
Carbon Disulfide
Concen: 10.691 ppbv
RT: 4.115 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

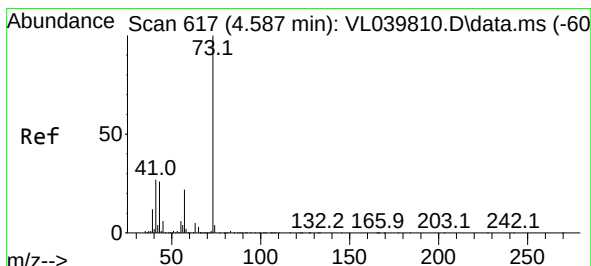
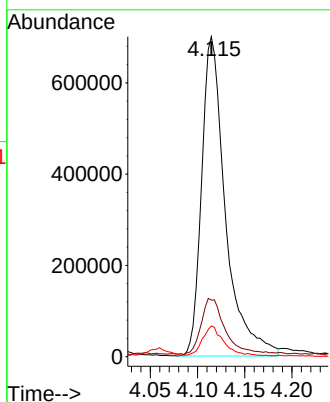
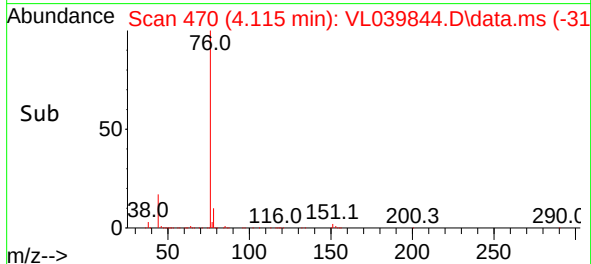
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1228030
Ion Ratio Lower Upper
76 100
44 17.9 14.6 22.0
78 9.4 7.6 11.4

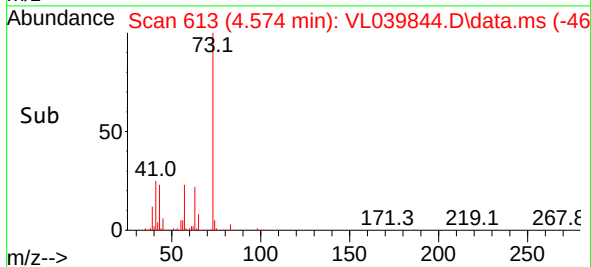
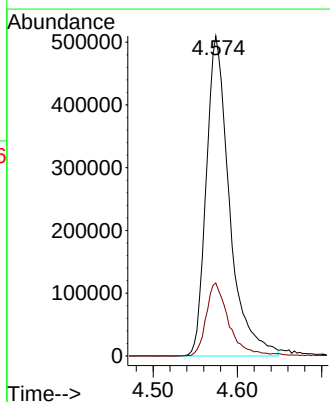
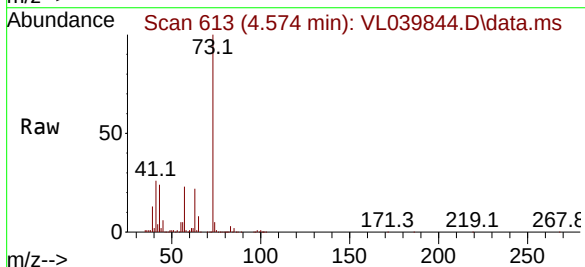
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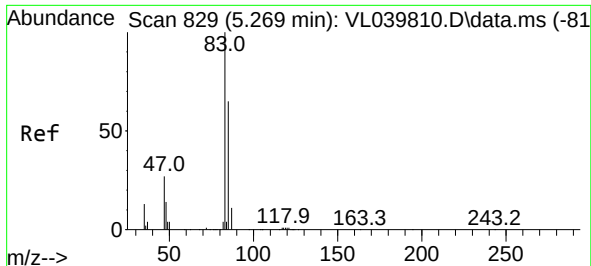
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#28
Methyl tert-Butyl Ether
Concen: 9.863 ppbv
RT: 4.574 min Scan# 613
Delta R.T. -0.013 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 73 Resp: 976531
Ion Ratio Lower Upper
73 100
57 22.7 19.4 29.2





#29

Chloroform

Concen: 10.796 ppbv

RT: 5.256 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 166048

Ion Ratio Lower Upper

83 100

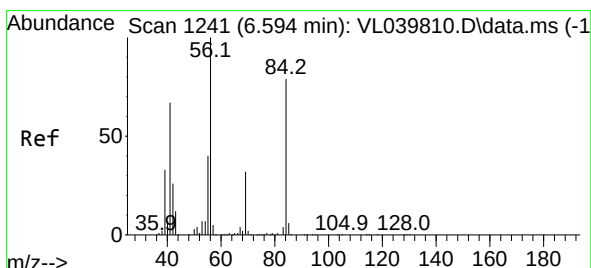
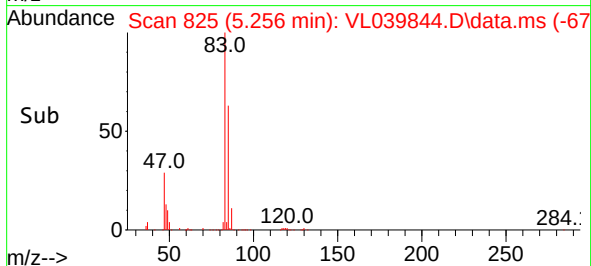
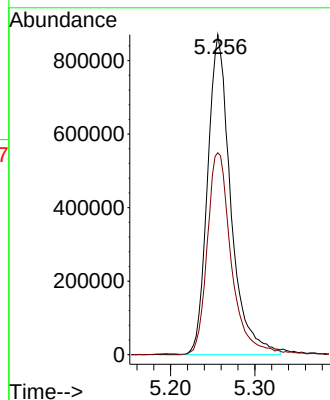
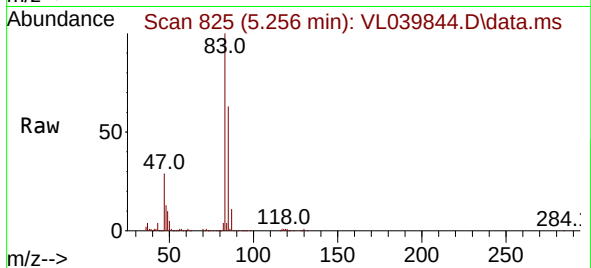
85 63.0 51.6 77.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#30

Cyclohexane

Concen: 9.757 ppbv

RT: 6.574 min Scan# 1235

Delta R.T. -0.019 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

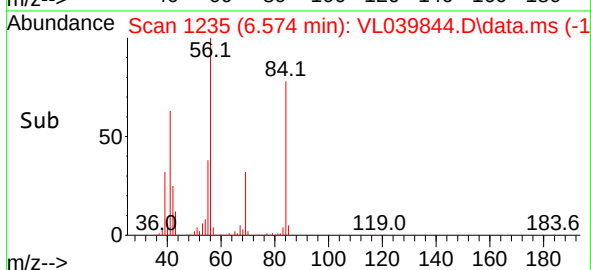
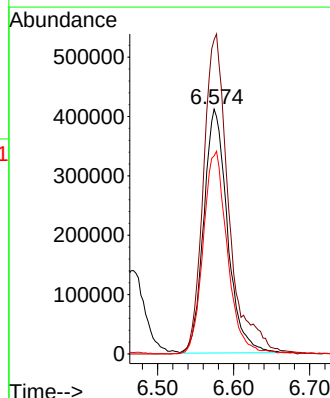
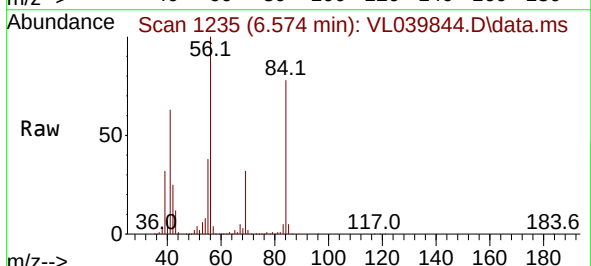
Tgt Ion: 84 Resp: 892518

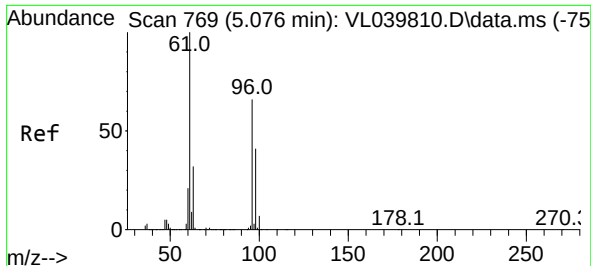
Ion Ratio Lower Upper

84 100

56 140.4 114.8 172.2

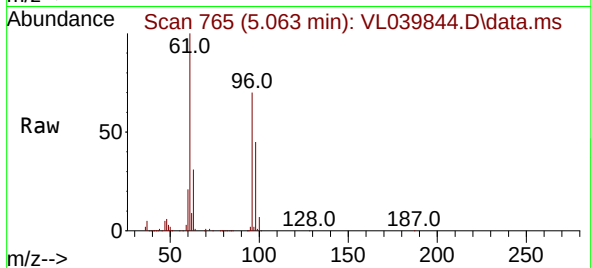
41 85.1 68.6 103.0





#31
 cis-1,2-Dichloroethene
 Concen: 7.866 ppbv
 RT: 5.063 min Scan# 70
 Delta R.T. -0.013 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

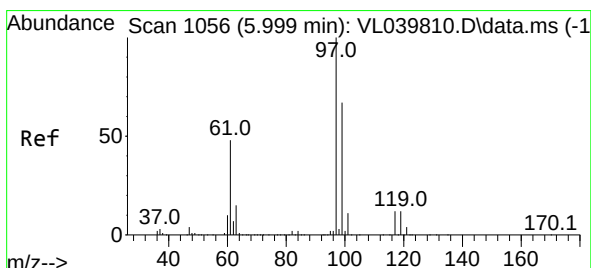
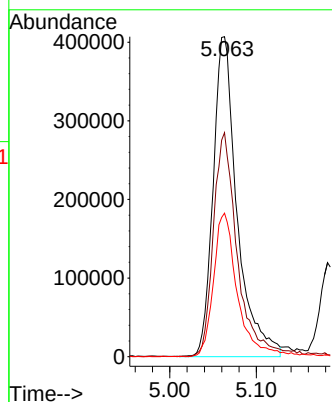
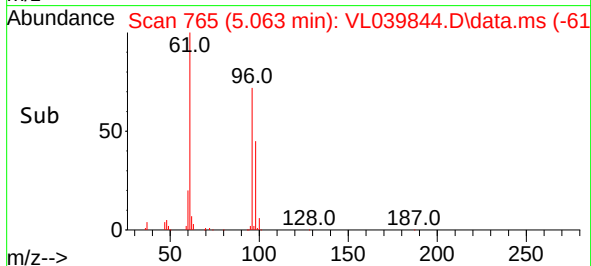
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 78453
 Ion Ratio Lower Upper
 61 100
 96 69.8 52.6 78.8
 98 44.8 32.6 48.8

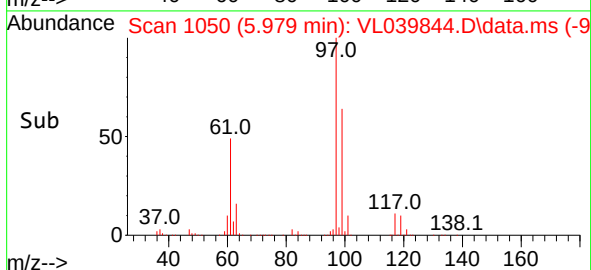
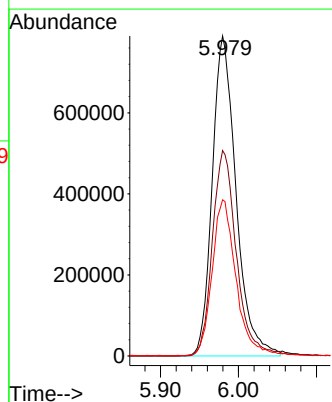
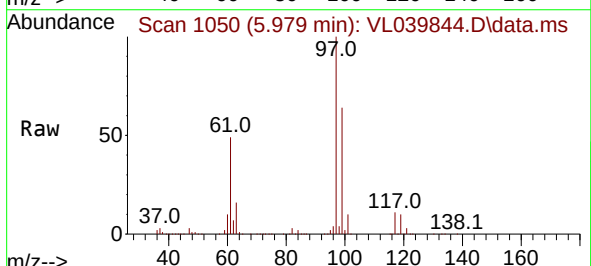
Manual Integrations
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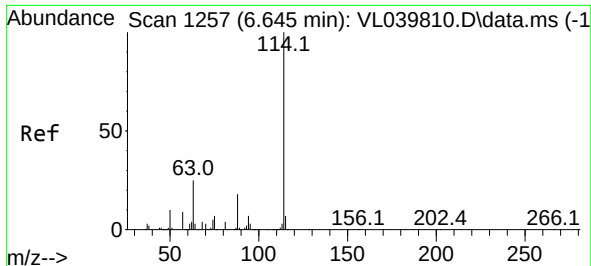
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.946 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. -0.019 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

Tgt Ion: 97 Resp: 1675999
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.7 79.1
 61 49.4 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 114

Delta R.T. -0.016 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 255074

Ion Ratio Lower Upper

114 100

63 26.3 19.8 29.6

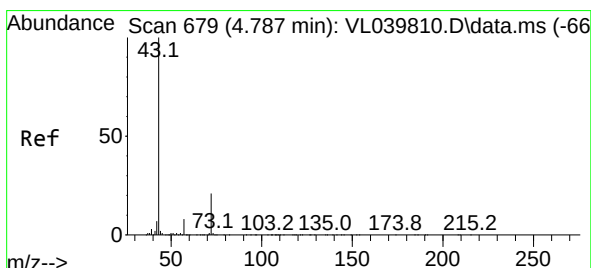
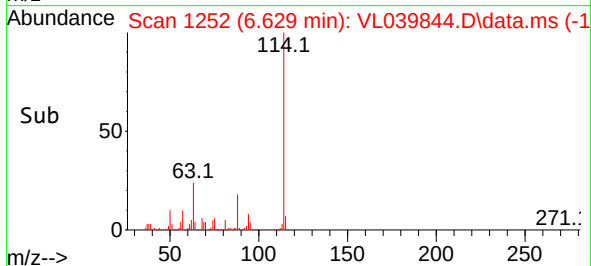
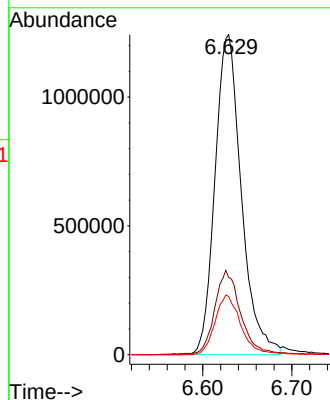
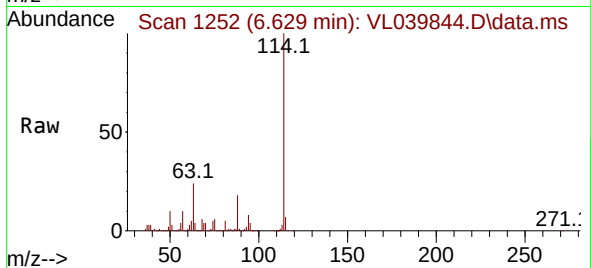
88 18.4 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#34

2-Butanone

Concen: 10.430 ppbv

RT: 4.774 min Scan# 675

Delta R.T. -0.013 min

Lab File: VL039844.D

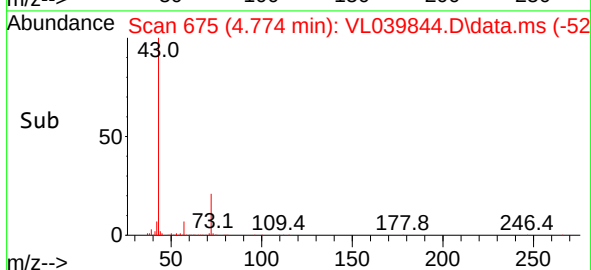
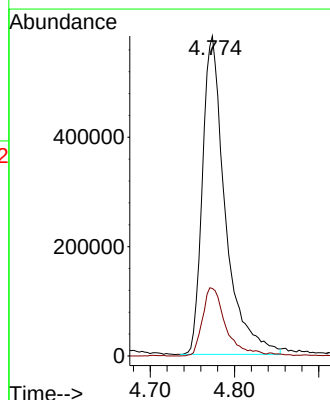
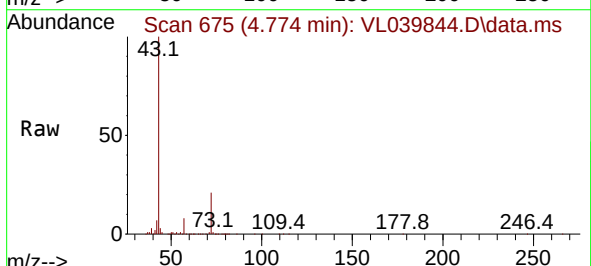
Acq: 9 Nov 2022 11:48

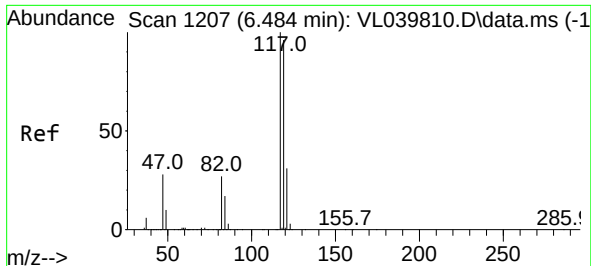
Tgt Ion: 43 Resp: 1097502

Ion Ratio Lower Upper

43 100

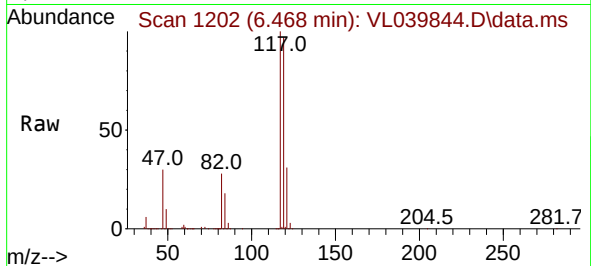
72 22.7 17.5 26.3





#35
Carbon Tetrachloride
Concen: 11.303 ppbv
RT: 6.468 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

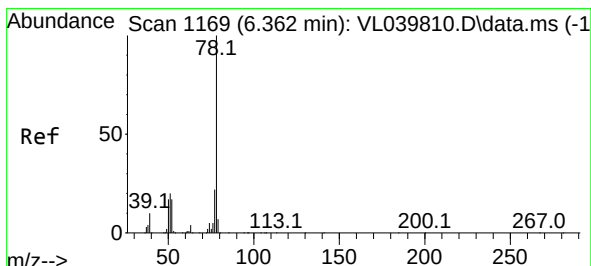
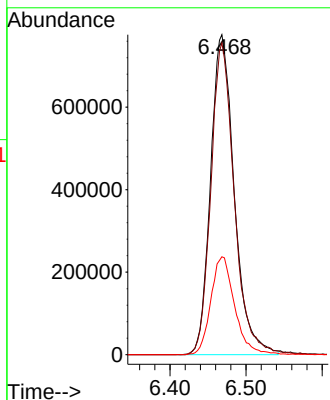
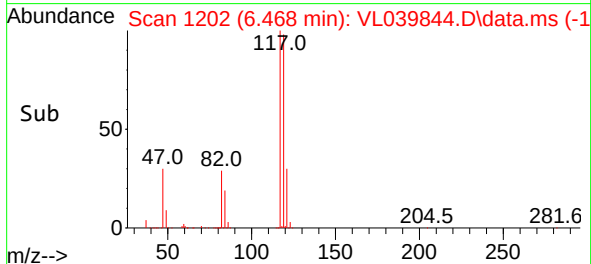
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1680580
Ion Ratio Lower Upper
117 100
119 97.4 76.5 114.7
121 30.6 25.2 37.8

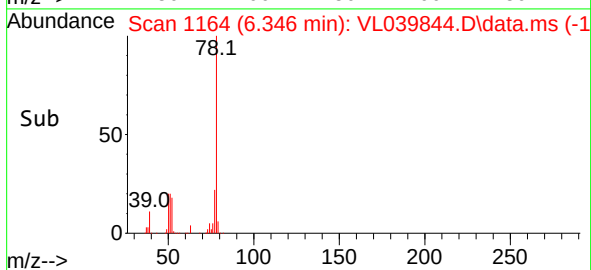
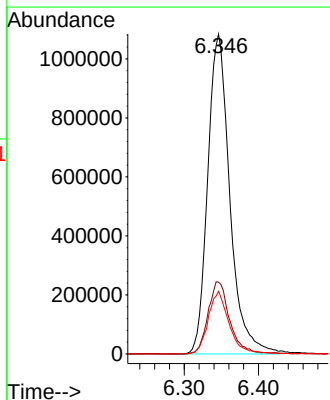
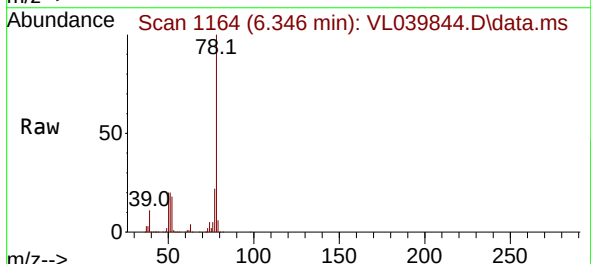
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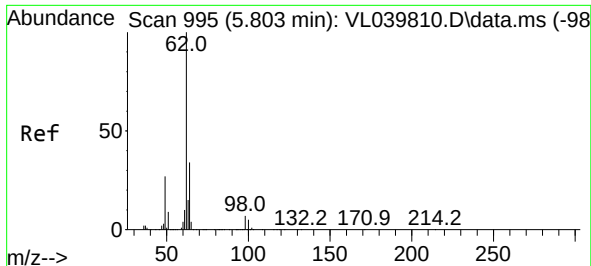
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#36
Benzene
Concen: 10.403 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 78 Resp: 2238339
Ion Ratio Lower Upper
78 100
77 22.4 17.4 26.2
50 19.6 13.9 20.9





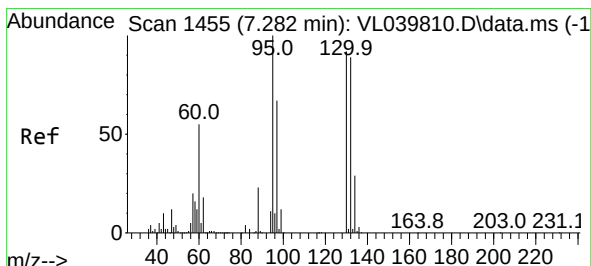
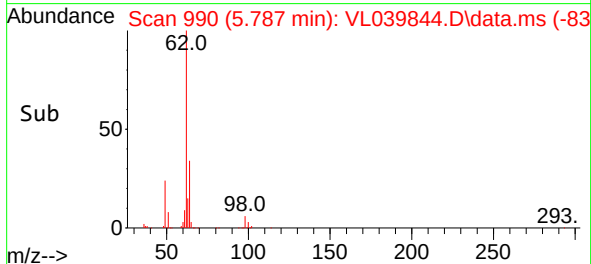
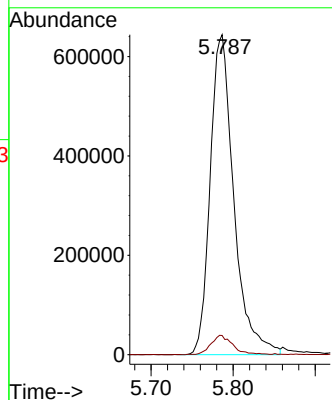
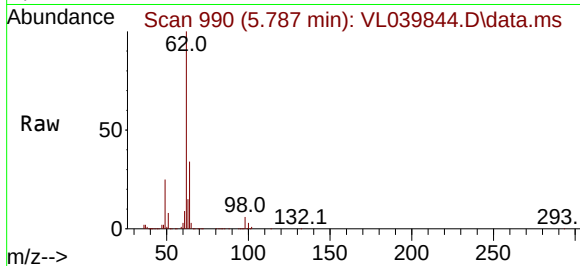
#37
1,2-Dichloroethane
Concen: 12.485 ppbv
RT: 5.787 min Scan# 995
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 128887
Ion Ratio Lower Upper
62 100
98 5.8 5.4 8.2

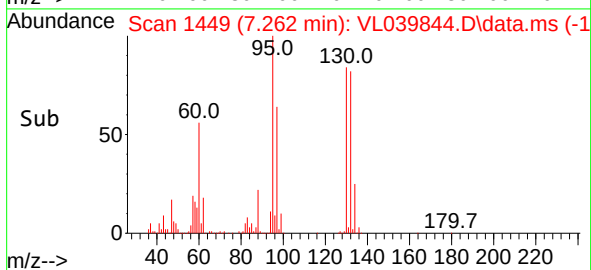
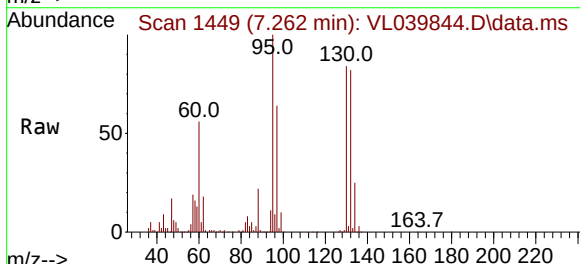
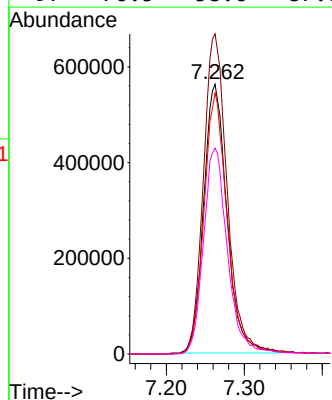
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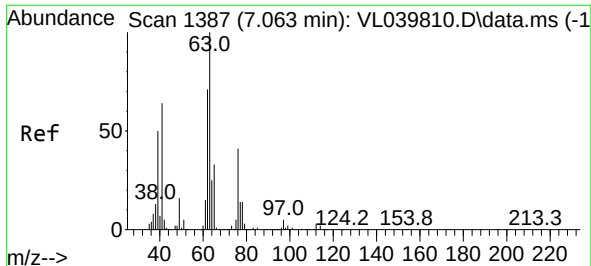
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#38
Trichloroethene
Concen: 10.140 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion:130 Resp: 1167833
Ion Ratio Lower Upper
130 100
95 118.8 87.4 131.2
132 96.9 77.7 116.5
97 76.5 58.6 87.8





#39

1,2-Dichloropropane

Concen: 10.639 ppbv

RT: 7.044 min Scan# 11

Delta R.T. -0.019 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 89186

Ion Ratio Lower Upper

63 100

41 68.9 51.0 76.4

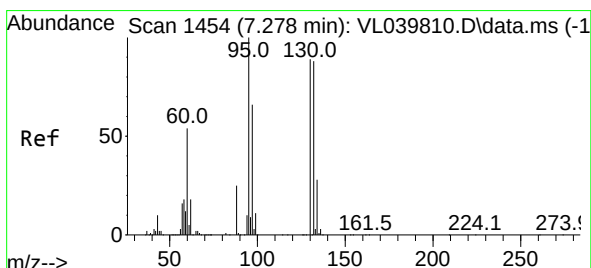
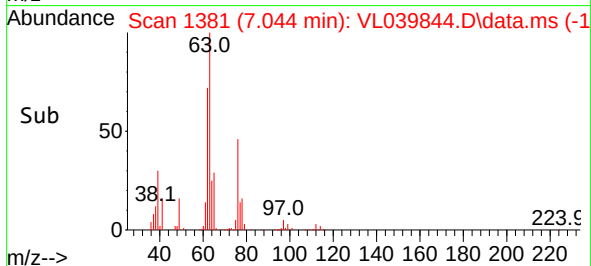
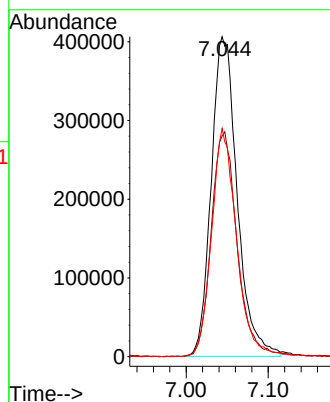
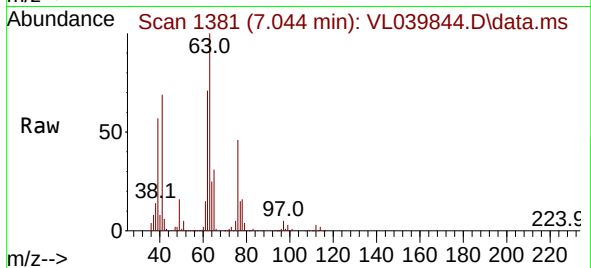
62 71.3 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#40

1,4-Dioxane

Concen: 10.657 ppbv m

RT: 7.262 min Scan# 1449

Delta R.T. -0.016 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Tgt Ion: 88 Resp: 342122

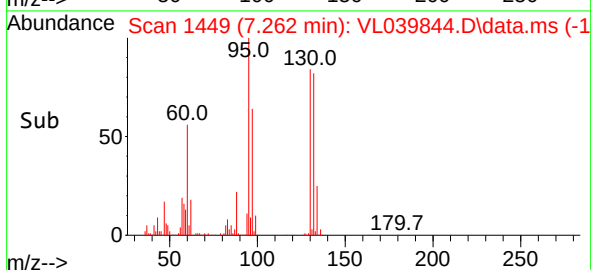
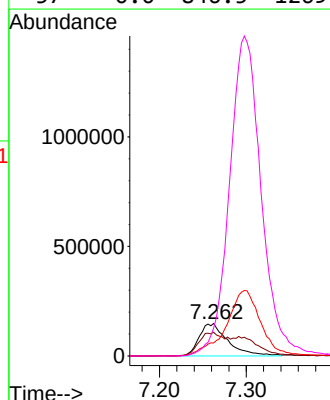
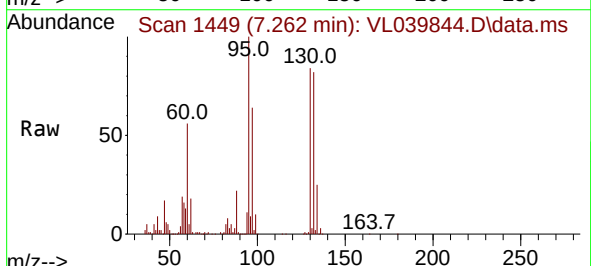
Ion Ratio Lower Upper

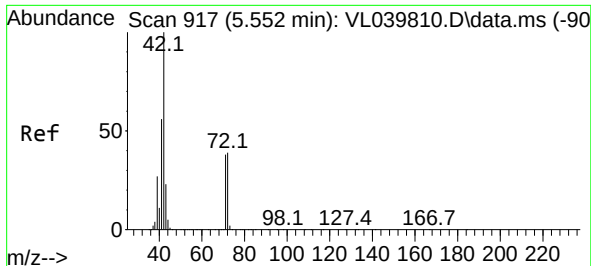
88 100

58 0.0 99.5 149.3#

43 0.0 189.7 284.5#

57 0.0 846.5 1269.7#





#41

Tetrahydrofuran

Concen: 10.278 ppbv

RT: 5.539 min Scan# 917

Delta R.T. -0.013 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

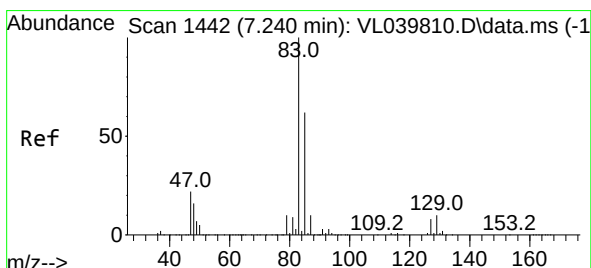
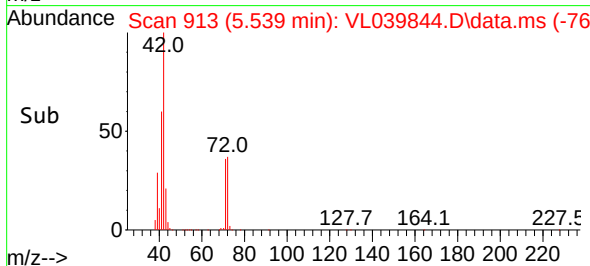
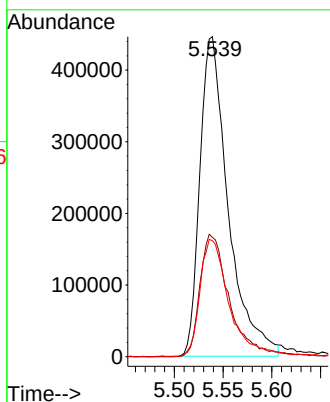
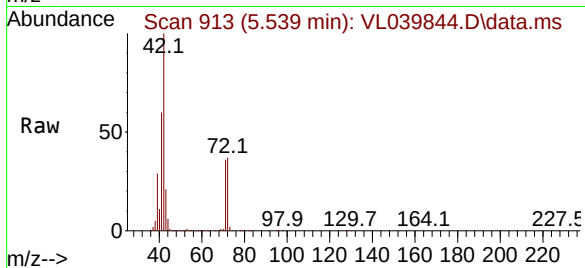
Tgt Ion: 42 Resp: 90390

Ion	Ratio	Lower	Upper
42	100		
72	40.1	31.4	47.2
71	38.7	31.5	47.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#42

Bromodichloromethane

Concen: 11.504 ppbv

RT: 7.221 min Scan# 1436

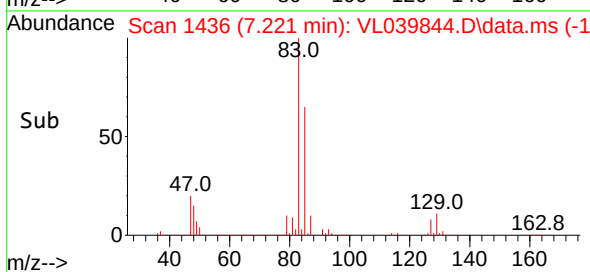
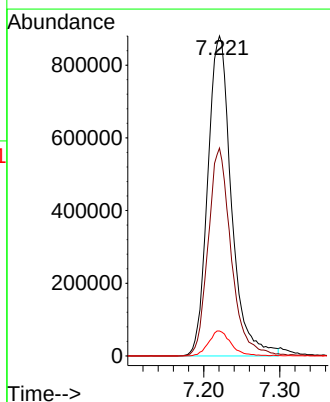
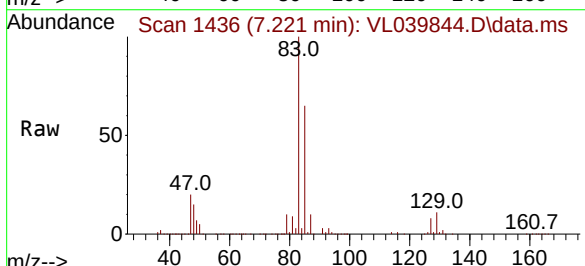
Delta R.T. -0.019 min

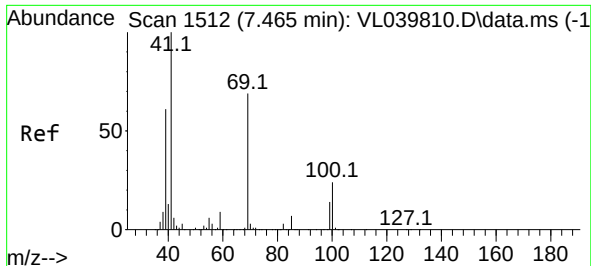
Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Tgt Ion: 83 Resp: 1896893

Ion	Ratio	Lower	Upper
83	100		
85	65.0	49.9	74.9
127	7.8	6.4	9.6





#43

Methyl Methacrylate

Concen: 10.654 ppbv

RT: 7.449 min Scan# 11

Delta R.T. -0.016 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

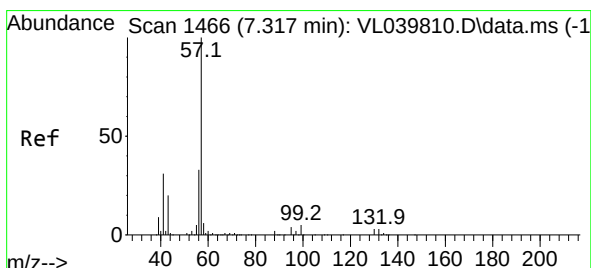
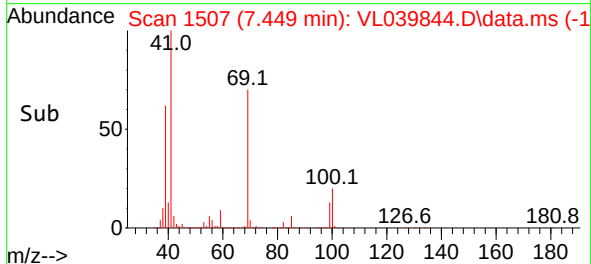
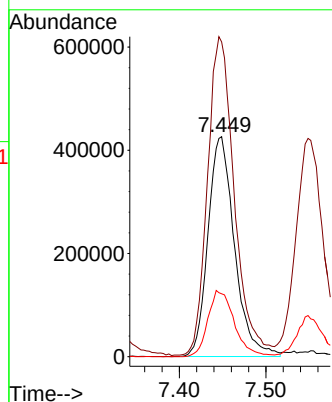
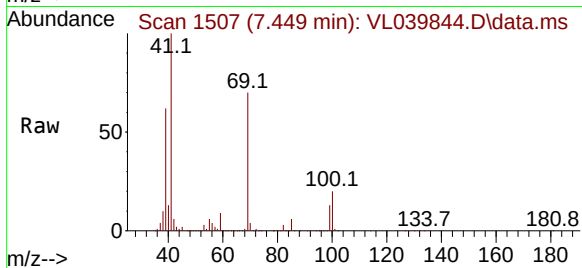
Tgt Ion: 69 Resp: 905954

Ion	Ratio	Lower	Upper
69	100		
41	147.3	115.7	173.5
100	30.0	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#44

2,2,4-Trimethylpentane

Concen: 10.286 ppbv

RT: 7.298 min Scan# 1460

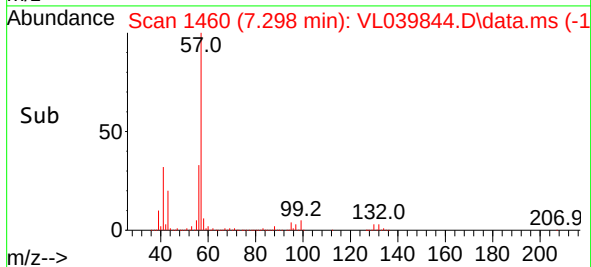
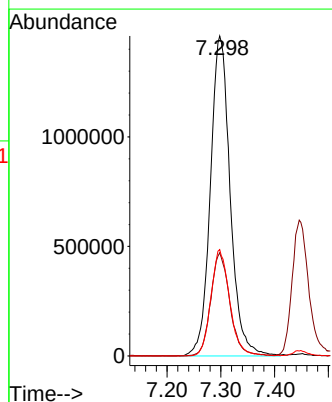
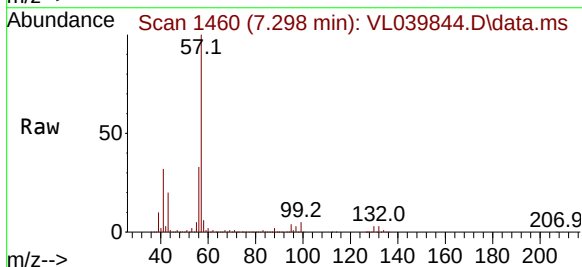
Delta R.T. -0.019 min

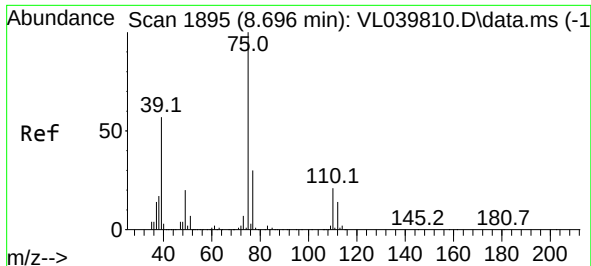
Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Tgt Ion: 57 Resp: 3735707

Ion	Ratio	Lower	Upper
57	100		
41	31.0	24.6	36.8
56	31.6	25.4	38.0





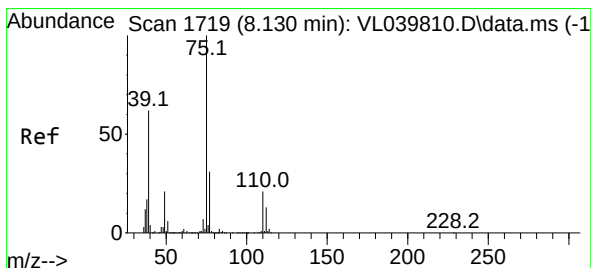
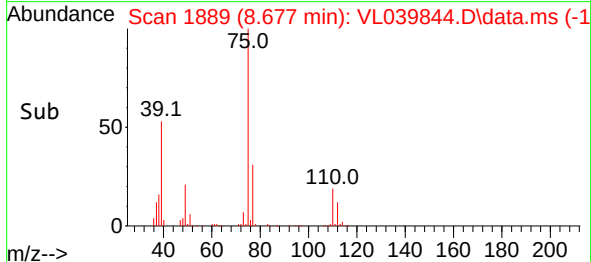
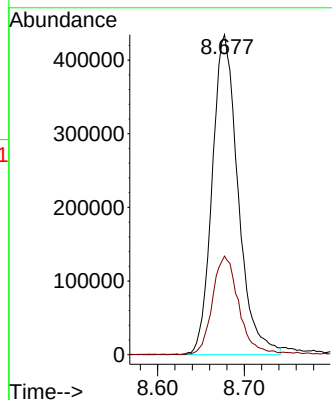
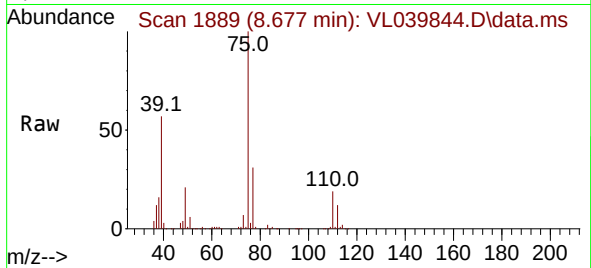
#45
t-1,3-Dichloropropene
Concen: 11.078 ppbv
RT: 8.677 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 90241
Ion Ratio Lower Upper
75 100
77 30.8 24.4 36.6

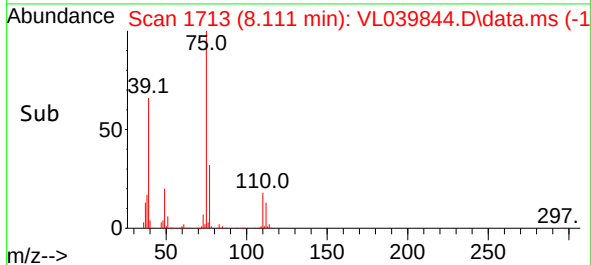
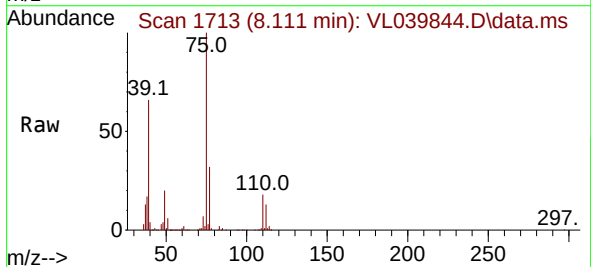
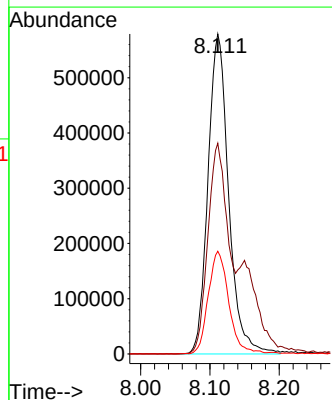
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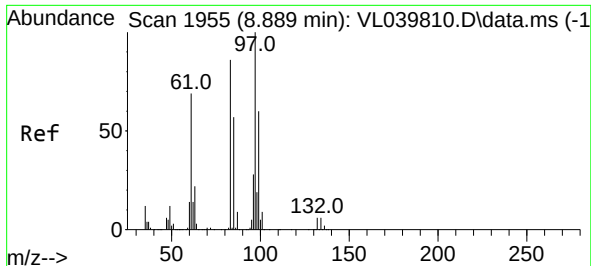
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#46
cis-1,3-Dichloropropene
Concen: 10.761 ppbv
RT: 8.111 min Scan# 1713
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion: 75 Resp: 1196427
Ion Ratio Lower Upper
75 100
39 65.7 50.0 75.0
77 32.1 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 10.454 ppbv

RT: 8.864 min Scan# 1955

Delta R.T. -0.026 min

Lab File: VL039844.D

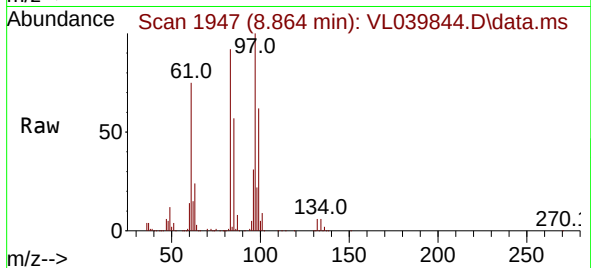
Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 88743

Ion Ratio Lower Upper

97 100

83 91.8 68.8 103.2

85 57.3 45.8 68.6

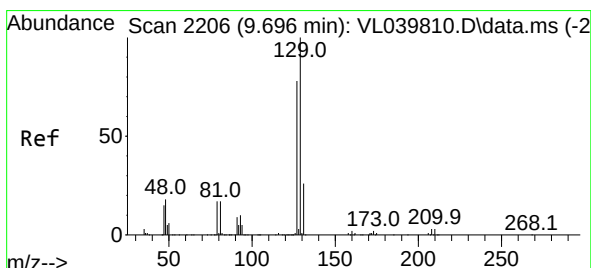
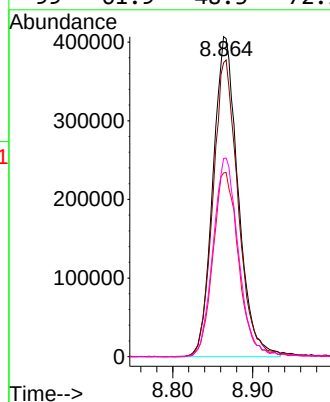
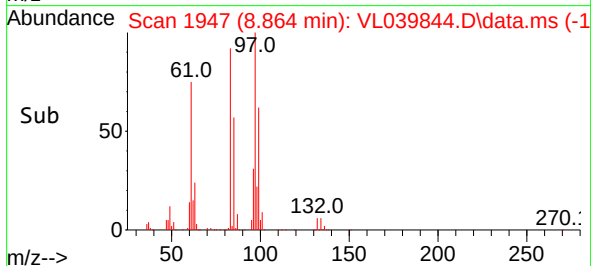
99 61.9 48.3 72.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#48

Dibromochloromethane

Concen: 10.139 ppbv

RT: 9.674 min Scan# 2199

Delta R.T. -0.022 min

Lab File: VL039844.D

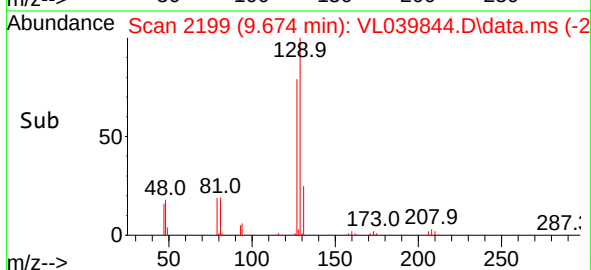
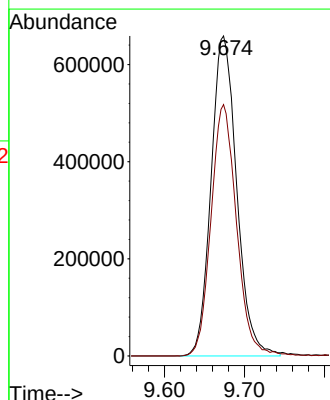
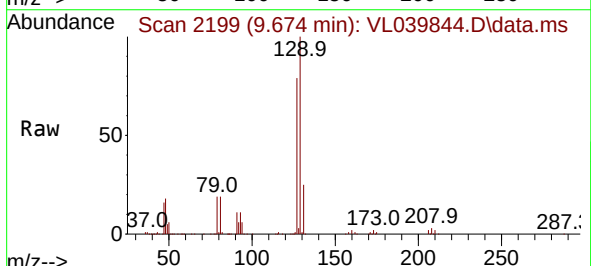
Acq: 9 Nov 2022 11:48

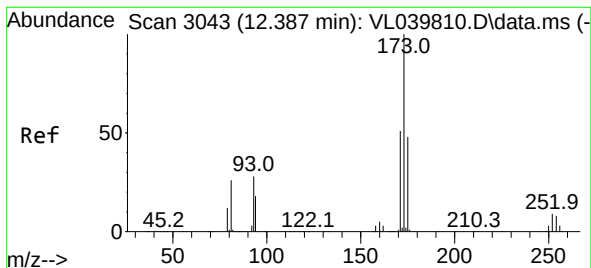
Tgt Ion:129 Resp: 1466642

Ion Ratio Lower Upper

129 100

127 78.2 39.4 118.1





#49

Bromoform

Concen: 9.360 ppbv

RT: 12.368 min Scan# 3043

Delta R.T. -0.019 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1088298

Ion Ratio Lower Upper

173 100

175 50.5 39.7 59.5

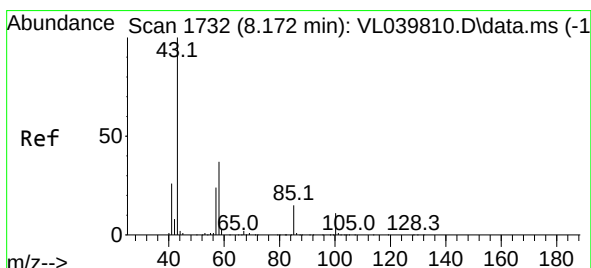
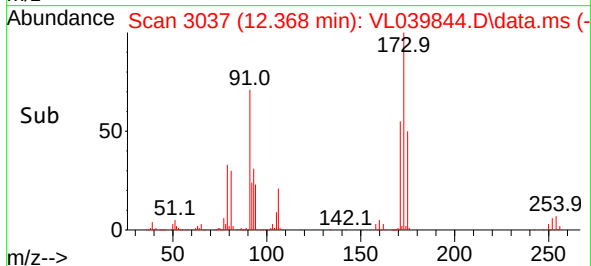
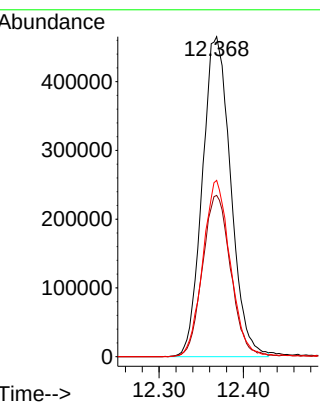
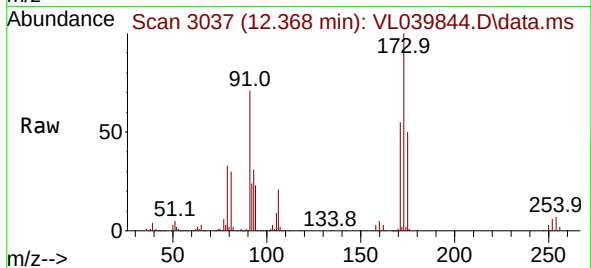
171 53.7 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#50

4-Methyl-2-Pentanone

Concen: 10.664 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.019 min

Lab File: VL039844.D

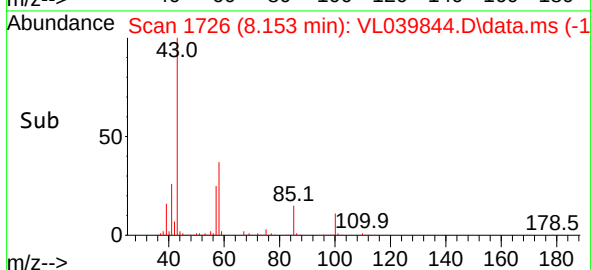
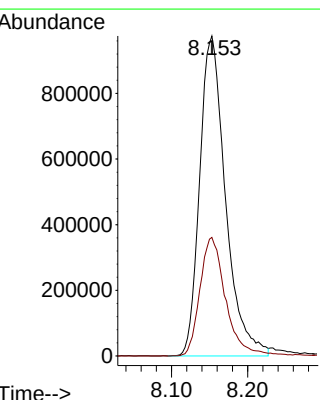
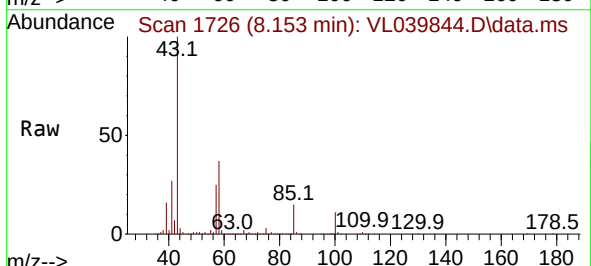
Acq: 9 Nov 2022 11:48

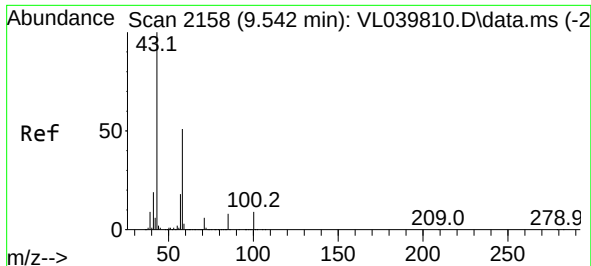
Tgt Ion: 43 Resp: 2297330

Ion Ratio Lower Upper

43 100

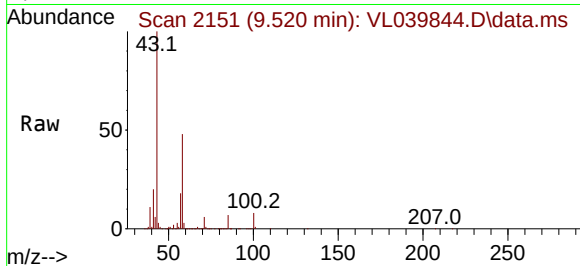
58 37.5 29.8 44.6





#51
2-Hexanone
Concen: 10.892 ppbv
RT: 9.520 min Scan# 2158
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

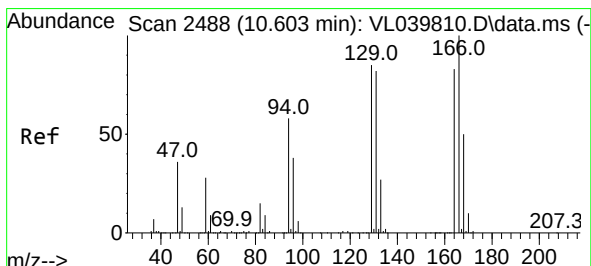
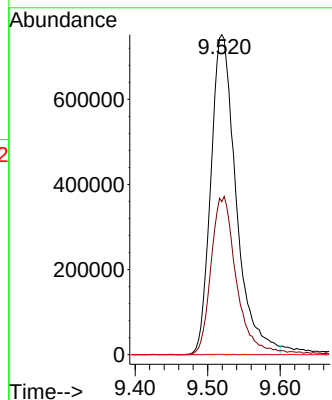
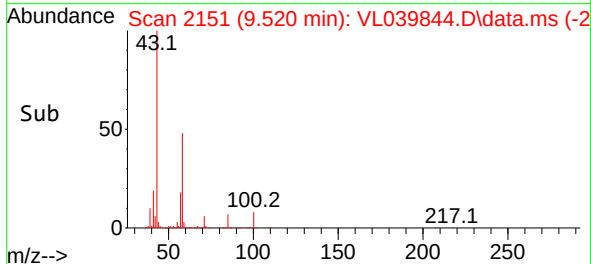
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 182954
Ion Ratio Lower Upper
43 100
58 50.2 40.5 60.7
98 0.1 0.1 0.1

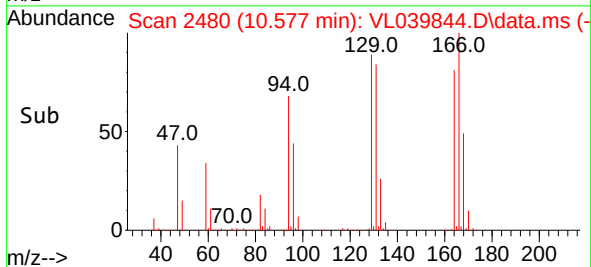
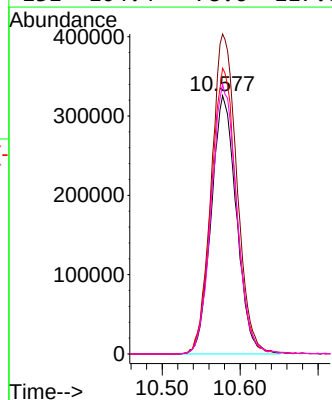
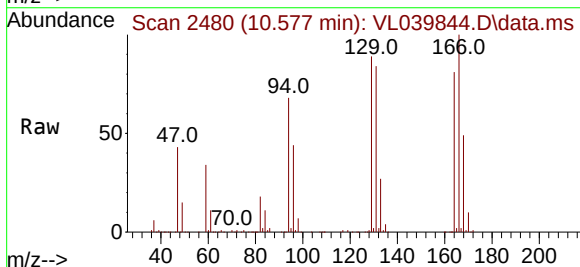
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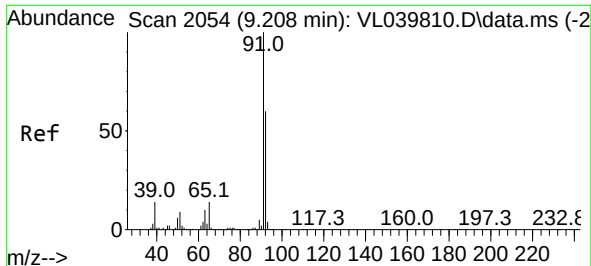
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#52
Tetrachloroethene
Concen: 9.015 ppbv
RT: 10.577 min Scan# 2480
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

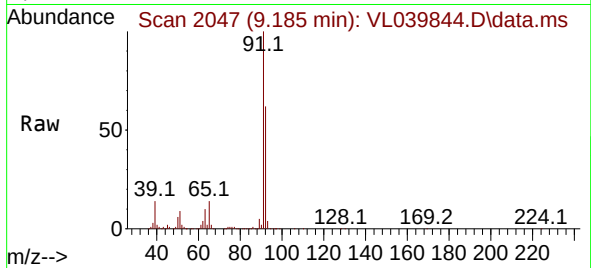
Tgt Ion:164 Resp: 726686
Ion Ratio Lower Upper
164 100
166 123.9 96.0 144.0
129 110.6 81.4 122.2
131 104.4 78.6 117.8





#53
Toluene
Concen: 10.042 ppbv
RT: 9.185 min Scan# 2054
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

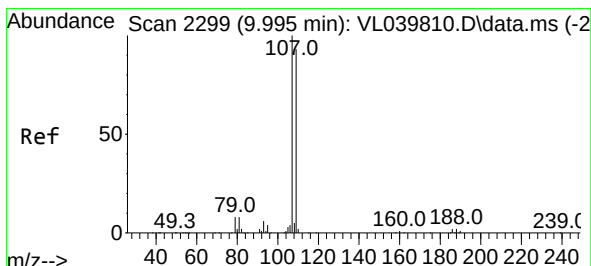
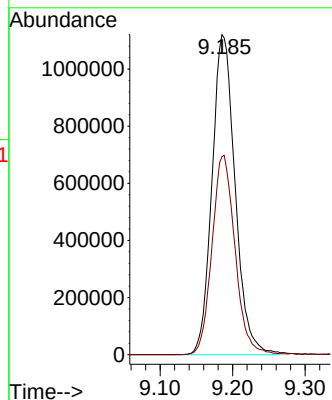
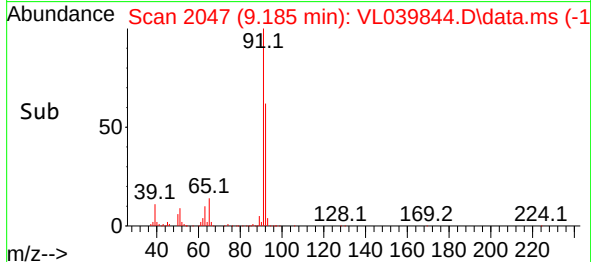
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



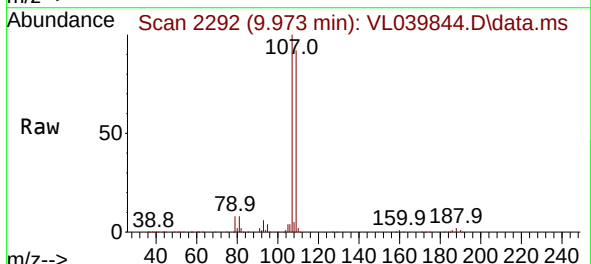
Tgt Ion: 91 Resp: 2478878
Ion Ratio Lower Upper
91 100
92 62.3 49.6 74.4

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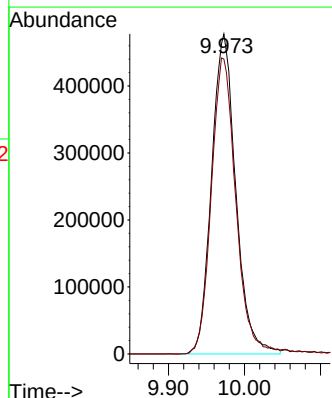
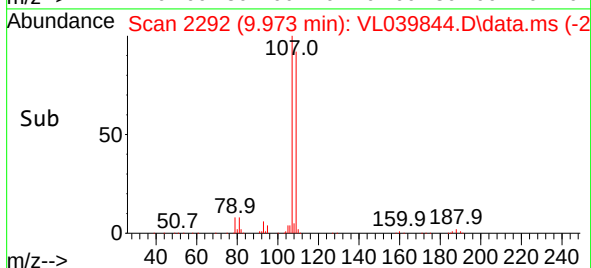
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

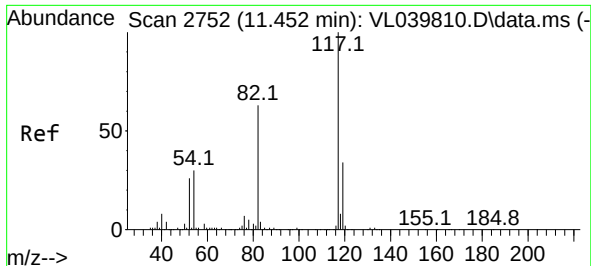


#54
1,2-Dibromoethane
Concen: 11.210 ppbv
RT: 9.973 min Scan# 2292
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



Tgt Ion:107 Resp: 1056102
Ion Ratio Lower Upper
107 100
109 92.2 74.5 111.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 11.429 min Scan# 21

Delta R.T. -0.022 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 244531

Ion Ratio Lower Upper

117 100

82 69.2 51.0 76.6

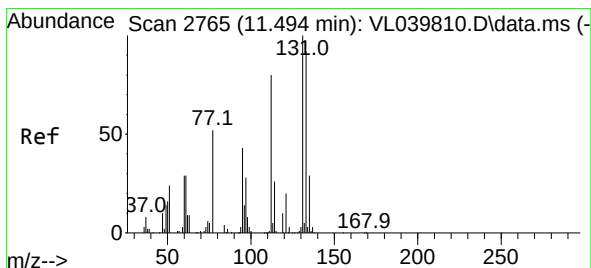
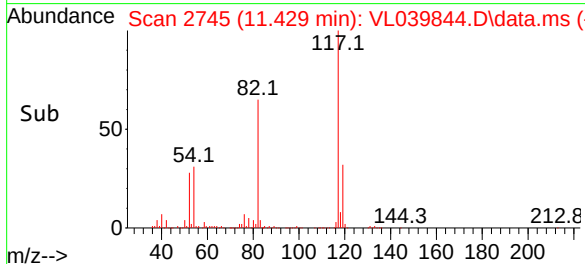
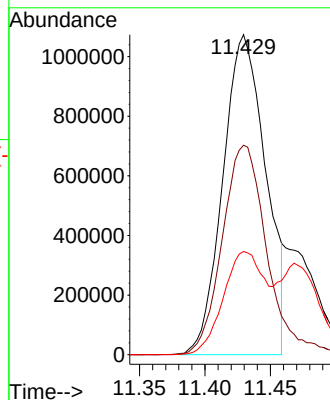
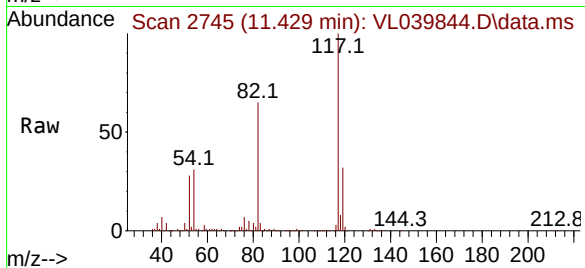
119 34.0 24.7 37.1

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Reviewed By :Semsettin Yesilyurt 11/10/2022

Supervised By :Mahesh Dadoda 11/11/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.731 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. -0.022 min

Lab File: VL039844.D

Acq: 9 Nov 2022 11:48

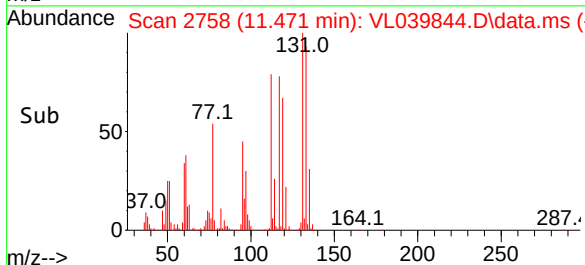
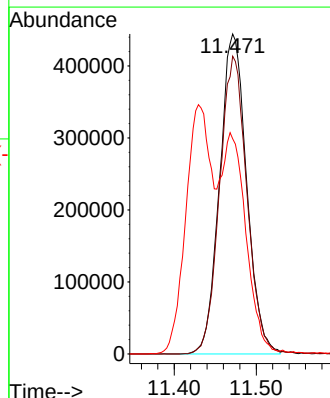
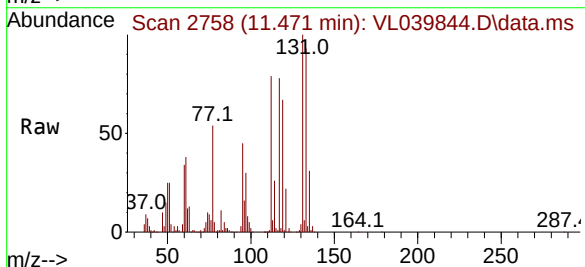
Tgt Ion:131 Resp: 1017322

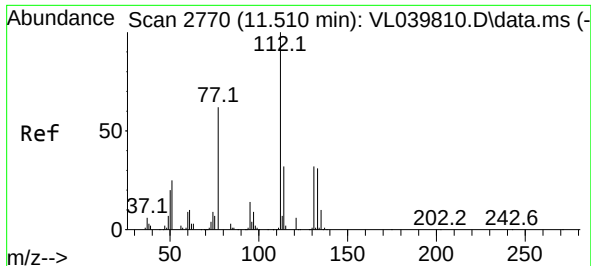
Ion Ratio Lower Upper

131 100

133 94.4 76.9 115.3

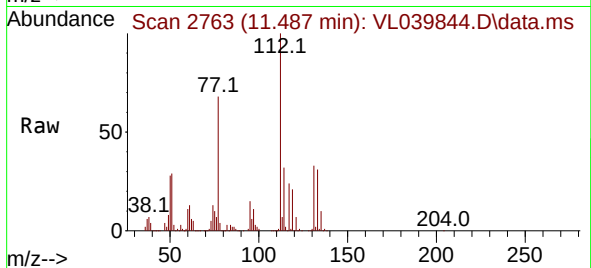
119 59.9 52.2 78.2





#57
Chlorobenzene
Concen: 9.475 ppbv
RT: 11.487 min Scan# 21
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

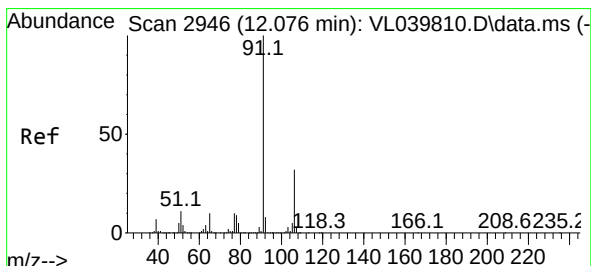
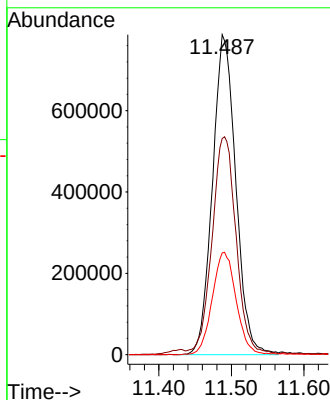
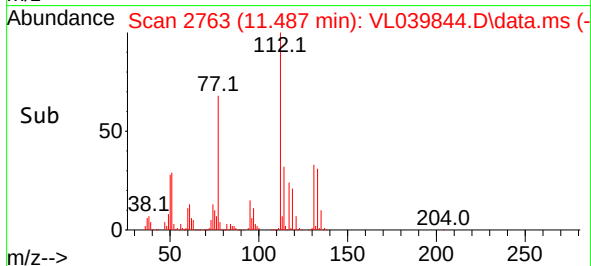
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



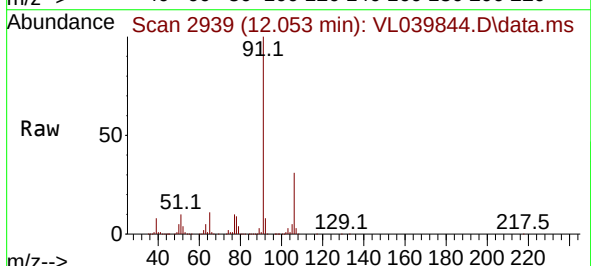
Tgt Ion:112 Resp: 175753
Ion Ratio Lower Upper
112 100
77 67.2 49.8 74.6
114 31.8 29.0 35.4

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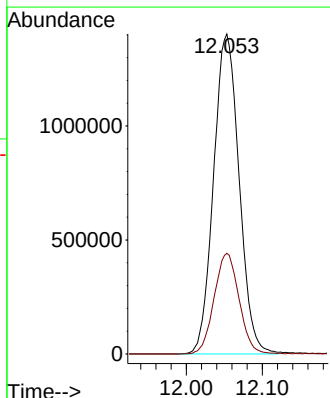
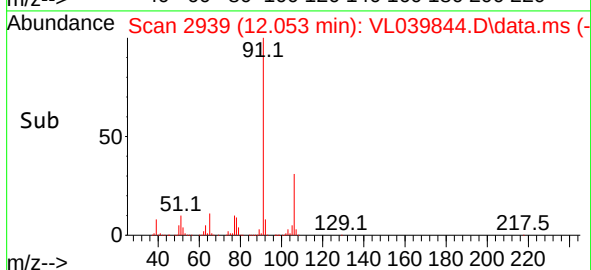
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

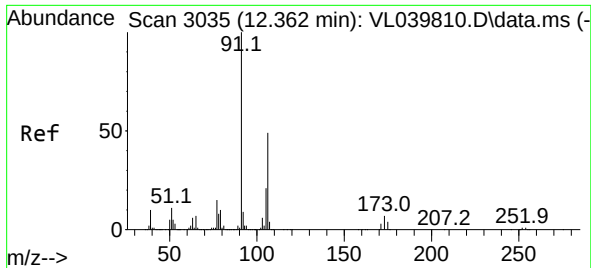


#58
Ethyl Benzene
Concen: 9.892 ppbv
RT: 12.053 min Scan# 2939
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



Tgt Ion: 91 Resp: 3270437
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9





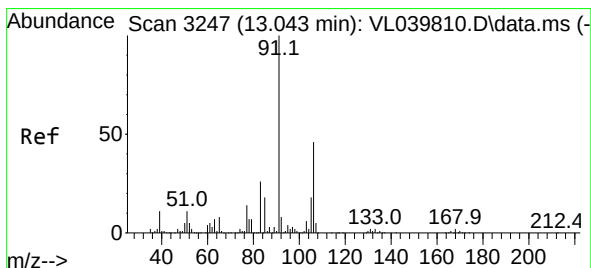
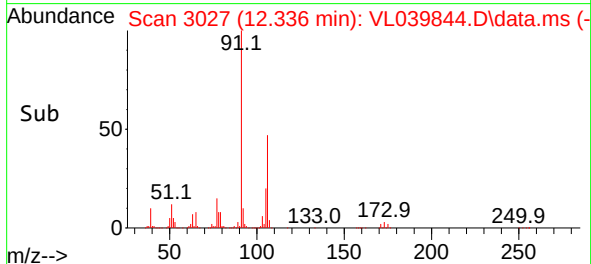
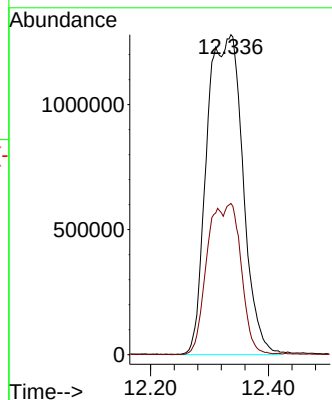
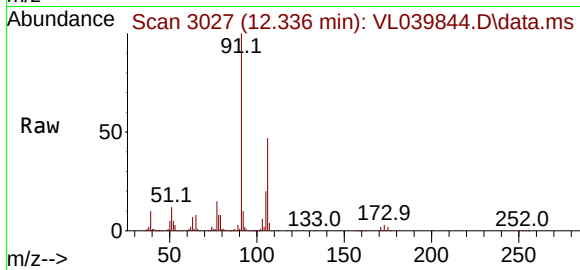
#59
m/p-Xylene
Concen: 19.569 ppbv m
RT: 12.336 min Scan# 3035
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 540090
Ion Ratio Lower Upper
91 100
106 44.6 37.6 56.4

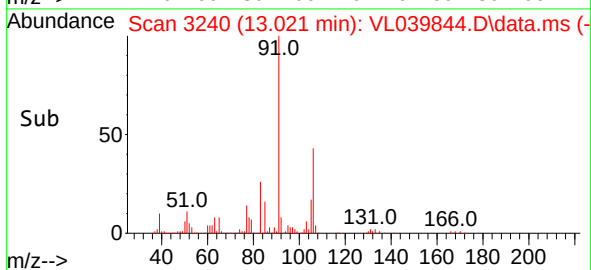
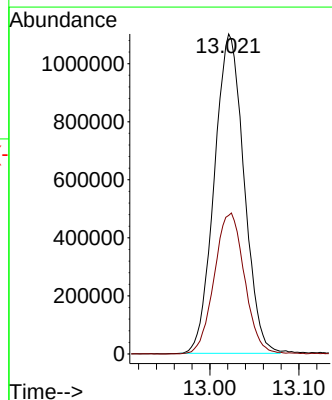
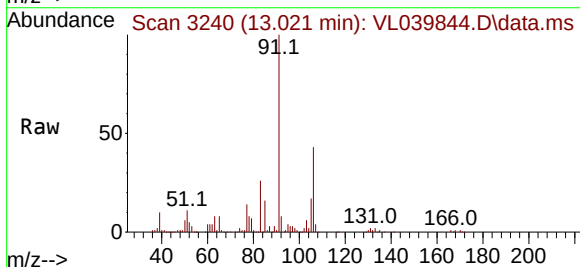
Manual Integrations
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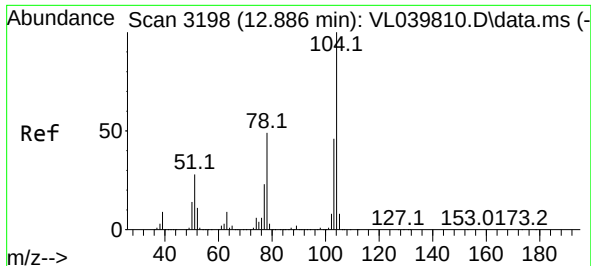
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#60
o-Xylene
Concen: 9.729 ppbv
RT: 13.021 min Scan# 3240
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

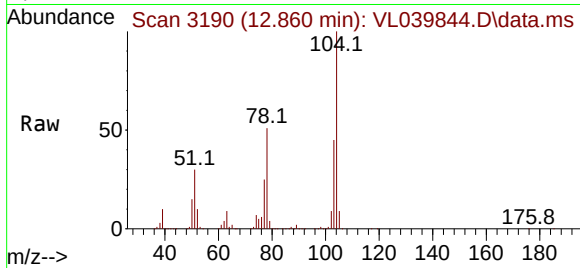
Tgt Ion: 91 Resp: 2543923
Ion Ratio Lower Upper
91 100
106 45.1 23.6 70.8





#61
Styrene
Concen: 9.646 ppbv
RT: 12.860 min Scan# 3198
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

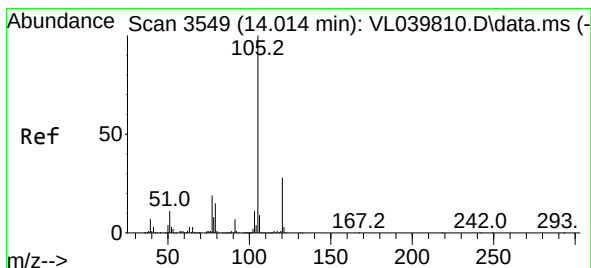
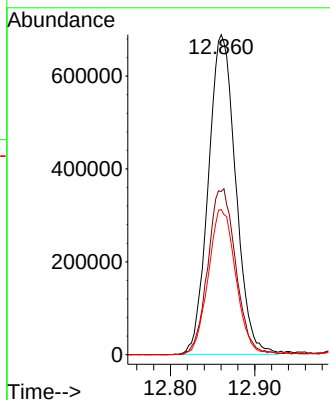
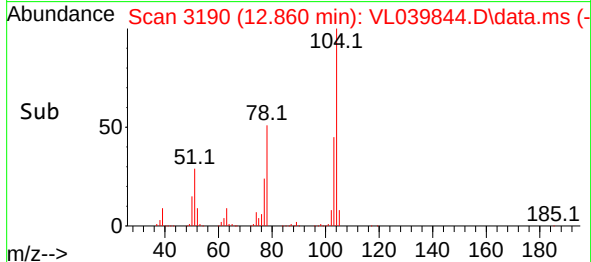
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



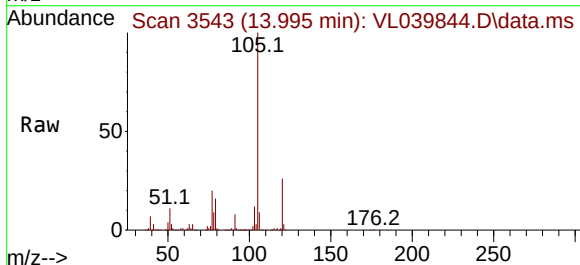
Tgt Ion:104 Resp: 1552020
Ion Ratio Lower Upper
104 100
78 53.3 40.2 60.2
103 46.2 37.5 56.3

Manual Integrations
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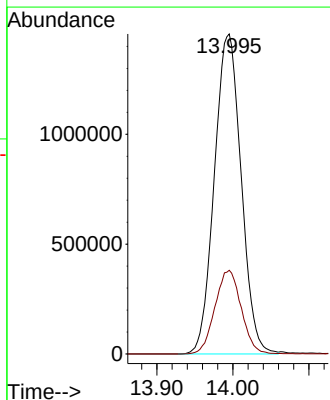
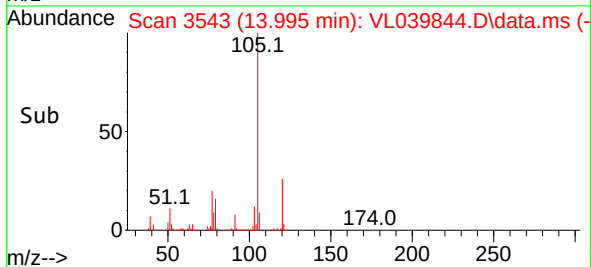
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

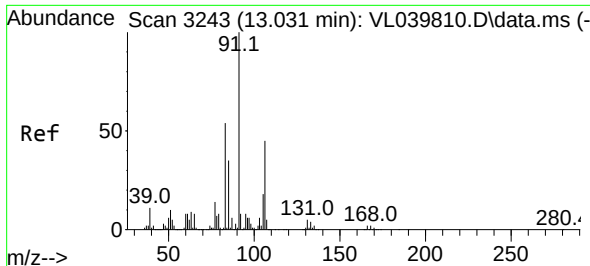


#62
Isopropylbenzene
Concen: 9.340 ppbv
RT: 13.995 min Scan# 3543
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



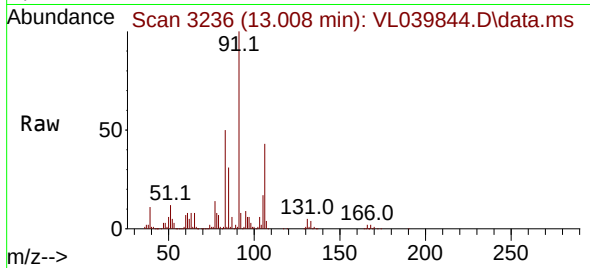
Tgt Ion:105 Resp: 3562590
Ion Ratio Lower Upper
105 100
120 25.7 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.229 ppbv
RT: 13.008 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

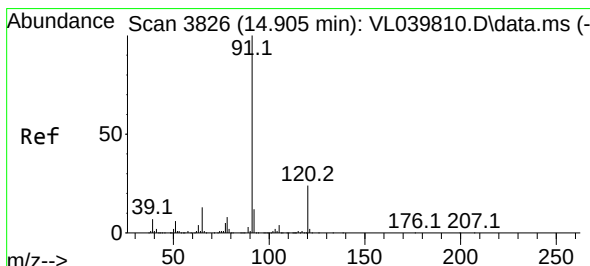
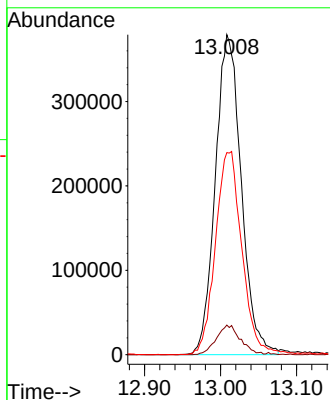
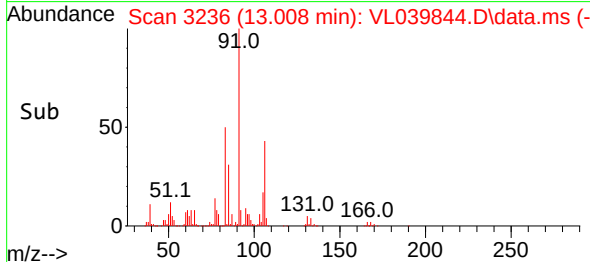
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 898682
Ion Ratio Lower Upper
83 100
131 8.8 4.6 13.8
85 64.8 33.3 99.9

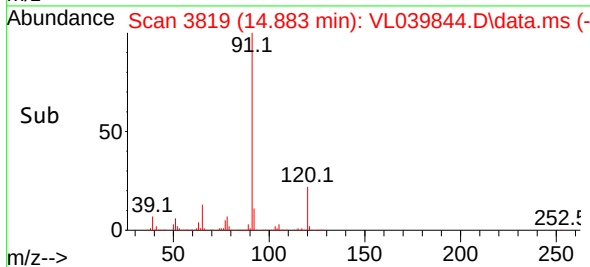
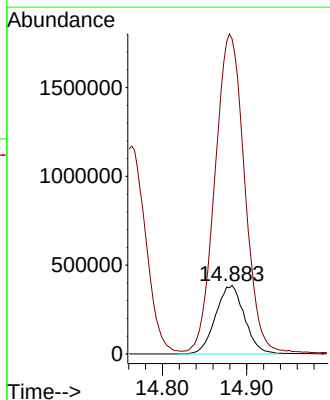
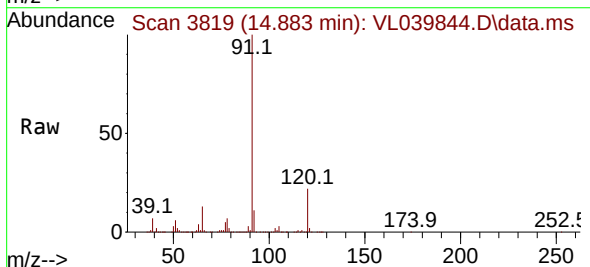
Manual Integrations
APPROVED

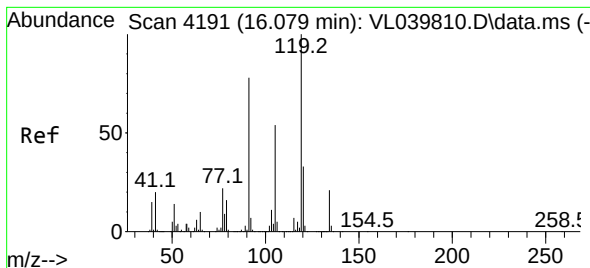
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#64
n-propylbenzene
Concen: 8.957 ppbv
RT: 14.883 min Scan# 3819
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Tgt Ion:120 Resp: 913929
Ion Ratio Lower Upper
120 100
91 484.7 354.9 532.3





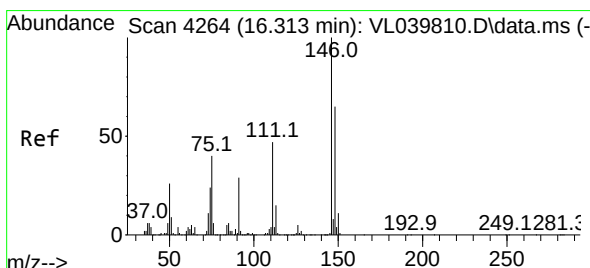
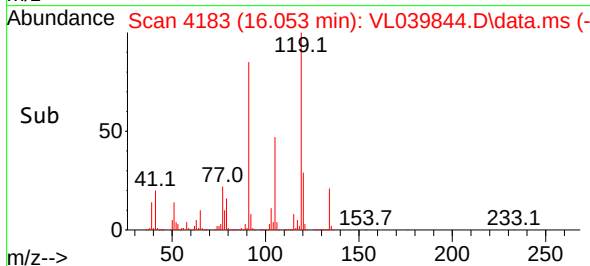
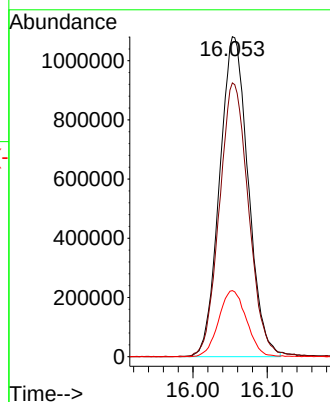
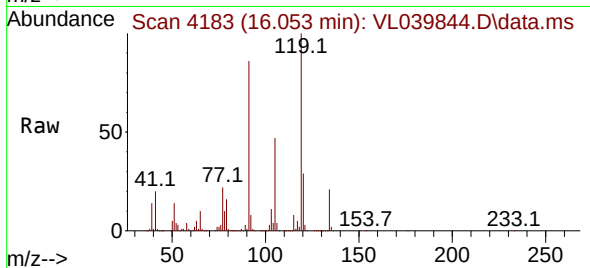
#65
tert-Butylbenzene
Concen: 8.641 ppbv
RT: 16.053 min Scan# 4191
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 2894109
Ion Ratio Lower Upper
119 100
91 87.6 63.7 95.5
134 20.2 16.2 24.4

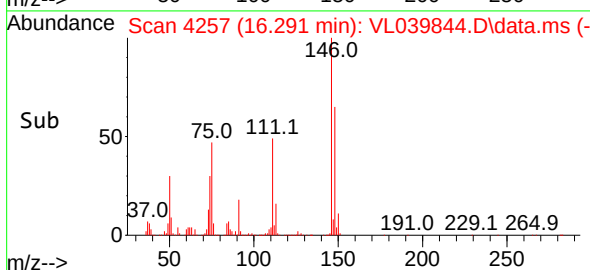
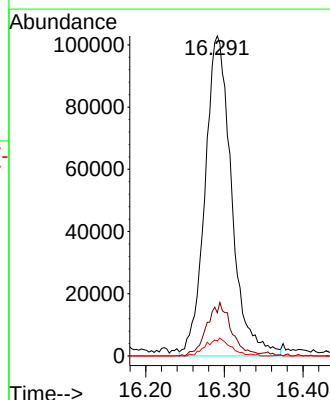
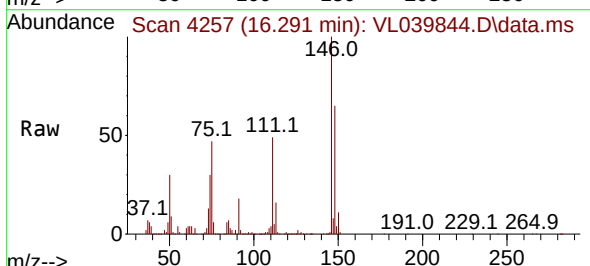
Manual Integrations
APPROVED

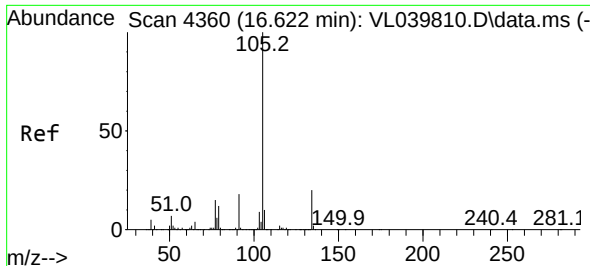
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#66
Benzyl Chloride
Concen: 6.211 ppbv m
RT: 16.291 min Scan# 4257
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

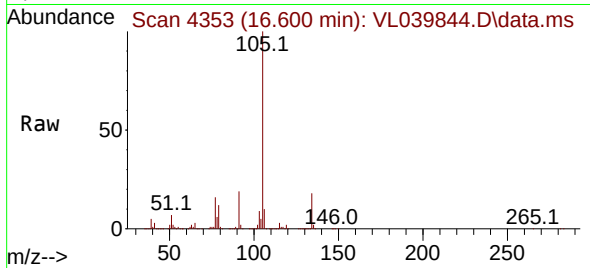
Tgt Ion: 91 Resp: 241845
Ion Ratio Lower Upper
91 100
126 16.0 15.6 23.4
128 5.2 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 9.172 ppbv
 RT: 16.600 min Scan# 41
 Delta R.T. -0.022 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

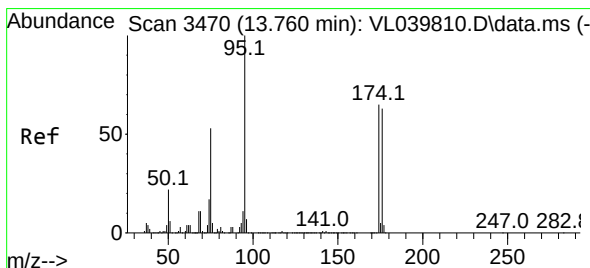
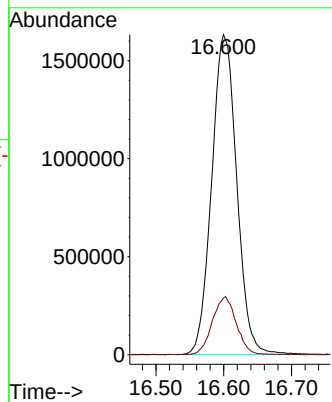
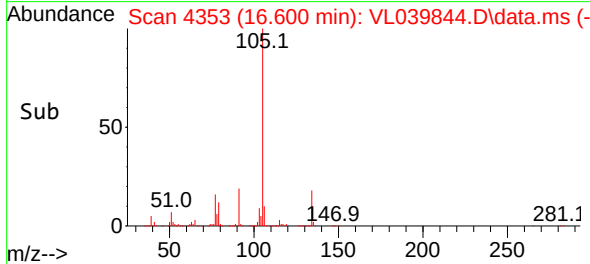
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 418152
 Ion Ratio Lower Upper
 105 100
 134 17.5 15.1 22.7

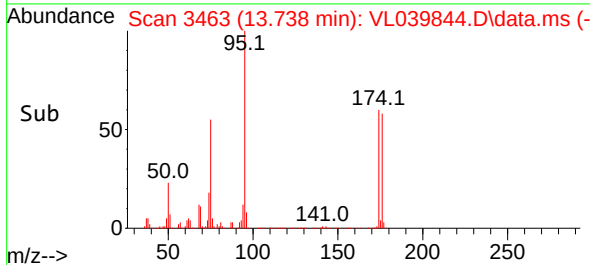
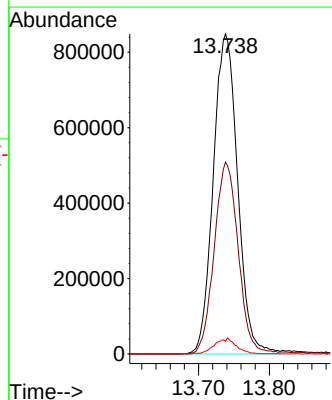
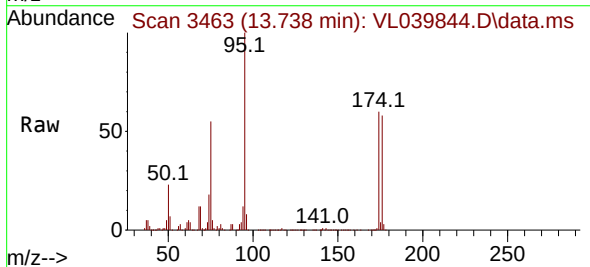
Manual Integrations
 APPROVED

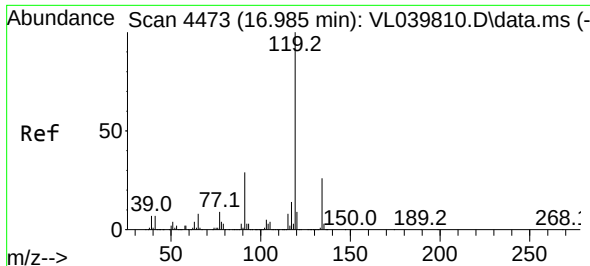
Reviewed By :Semsettin Yesilyurt 11/10/2022
 Supervised By :Mahesh Dadoda 11/11/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.064 ppbv
 RT: 13.738 min Scan# 3463
 Delta R.T. -0.022 min
 Lab File: VL039844.D
 Acq: 9 Nov 2022 11:48

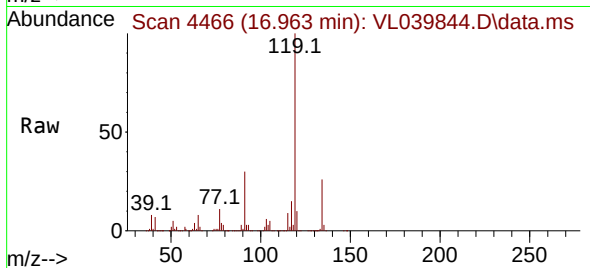
Tgt Ion: 95 Resp: 2025045
 Ion Ratio Lower Upper
 95 100
 174 59.9 53.4 80.0
 175 4.5 4.1 6.1





#69
p-Isopropyltoluene
Concen: 8.620 ppbv
RT: 16.963 min Scan# 4473
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

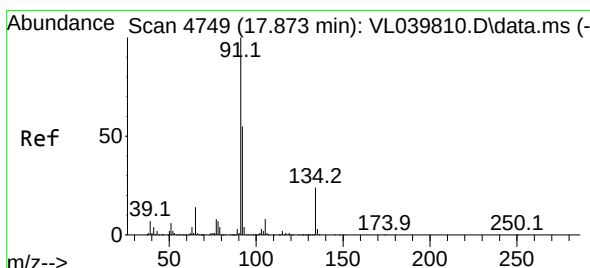
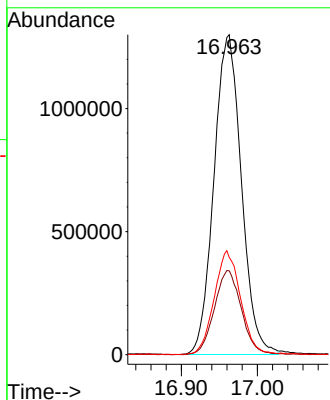
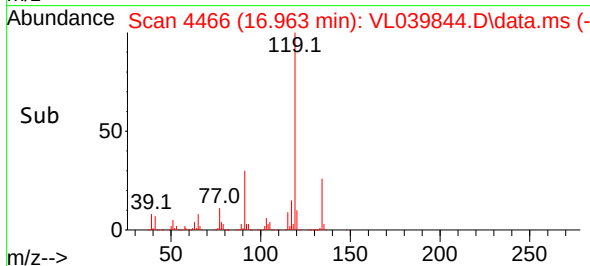
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 3259690
Ion Ratio Lower Upper
119 100
134 26.0 21.0 31.6
91 31.4 22.8 34.2

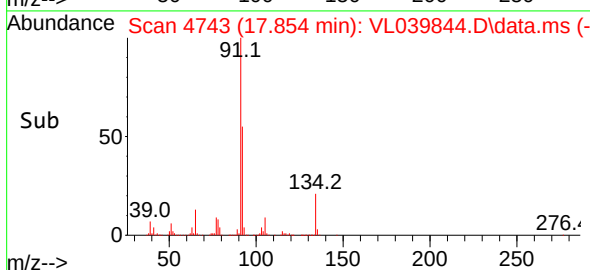
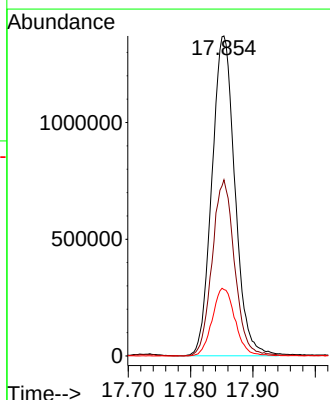
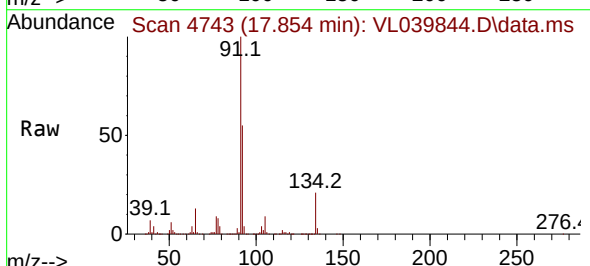
Manual Integrations
APPROVED

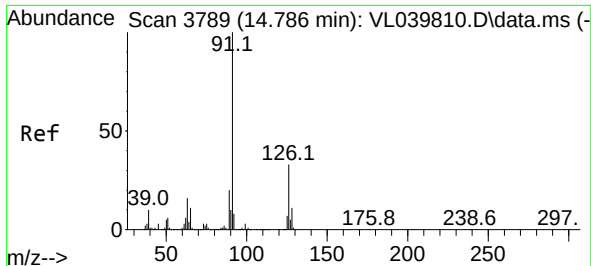
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022



#70
n-Butylbenzene
Concen: 9.614 ppbv
RT: 17.854 min Scan# 4743
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

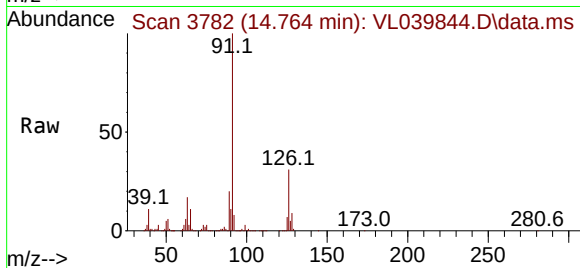
Tgt Ion: 91 Resp: 3514711
Ion Ratio Lower Upper
91 100
92 53.7 44.1 66.1
134 21.1 19.0 28.6





#71
2-Chlorotoluene
Concen: 9.628 ppbv
RT: 14.764 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

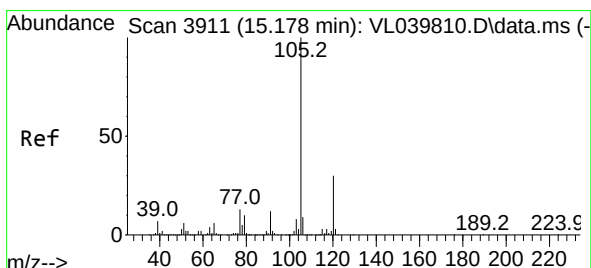
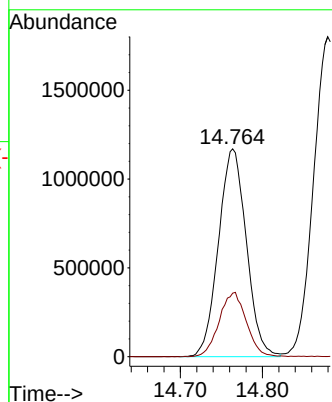
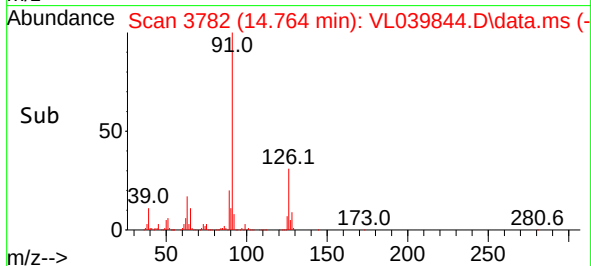
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



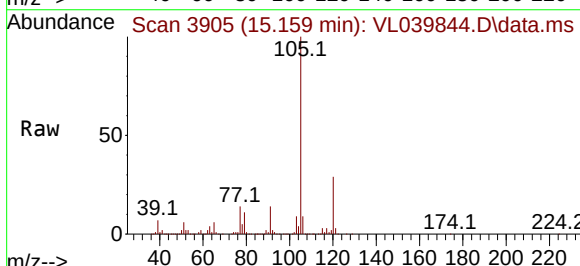
Tgt Ion: 91 Resp: 275938
Ion Ratio Lower Upper
91 100
126 30.3 12.9 51.5

Manual Integrations
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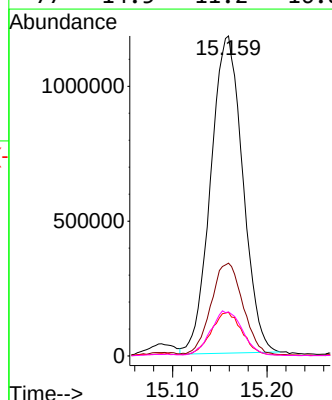
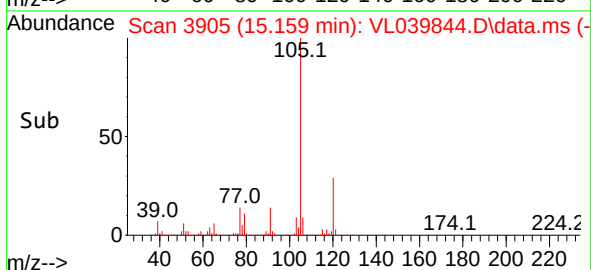
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

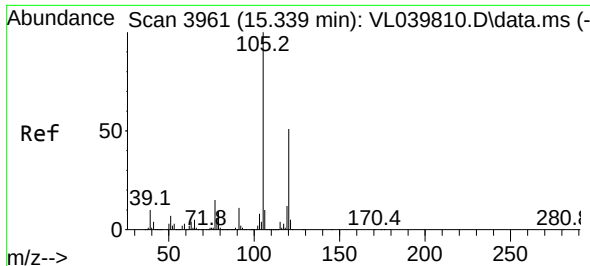


#72
4-Ethyltoluene
Concen: 9.406 ppbv
RT: 15.159 min Scan# 3905
Delta R.T. -0.019 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



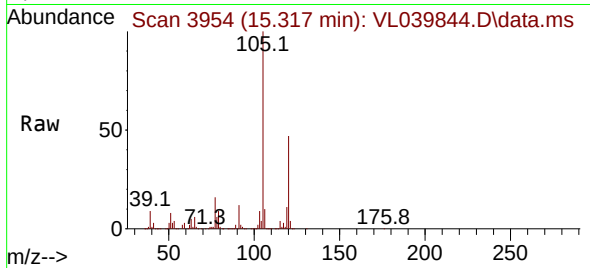
Tgt Ion:105 Resp: 2769484
Ion Ratio Lower Upper
105 100
120 29.7 26.0 39.0
91 13.4 10.5 15.7
77 14.5 11.2 16.8





#73
1,3,5-Trimethylbenzene
Concen: 9.421 ppbv
RT: 15.317 min Scan# 3961
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

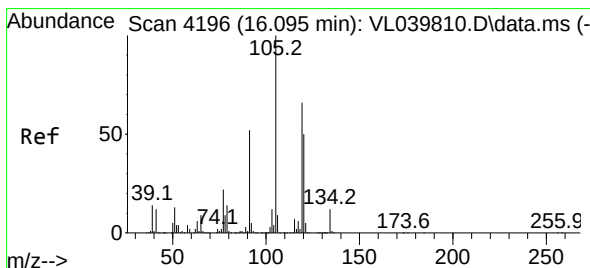
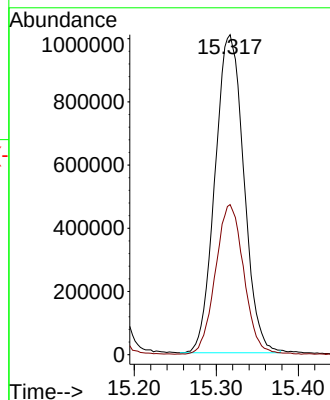
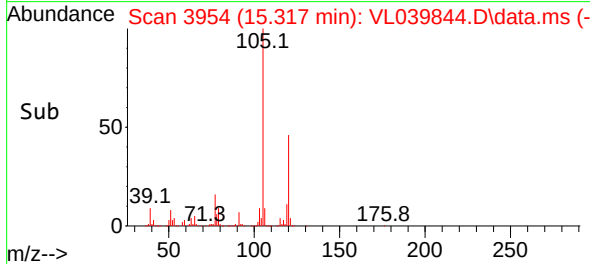
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



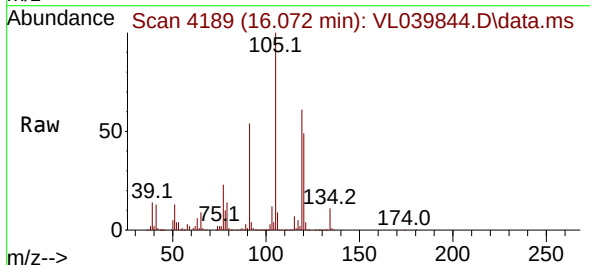
Tgt Ion:105 Resp: 2459090
Ion Ratio Lower Upper
105 100
120 47.0 41.0 61.4

Manual Integrations
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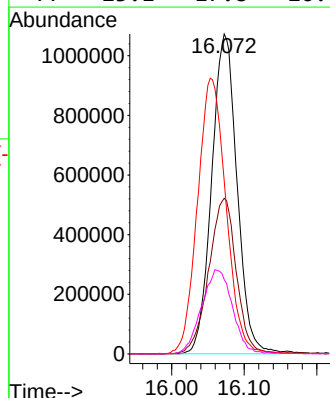
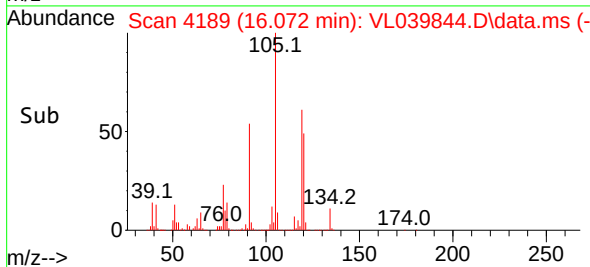
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

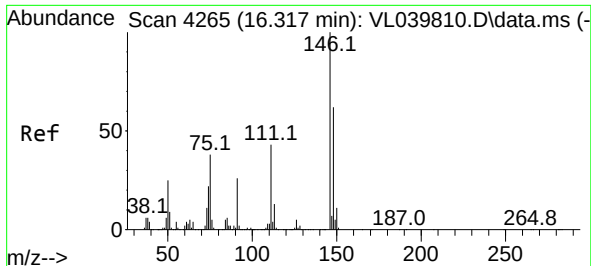


#74
1,2,4-Trimethylbenzene
Concen: 9.375 ppbv
RT: 16.072 min Scan# 4189
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



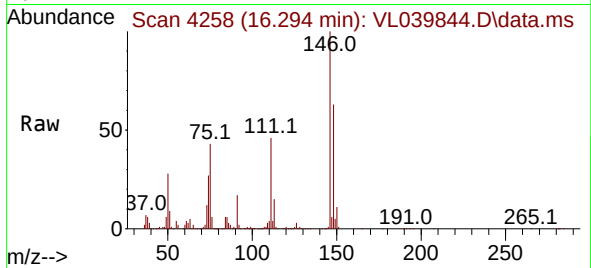
Tgt Ion:105 Resp: 2599819
Ion Ratio Lower Upper
105 100
120 48.3 40.2 60.4
91 53.7 42.6 64.0
77 23.1 17.8 26.8





#75
1,3-Dichlorobenzene
Concen: 8.939 ppbv
RT: 16.294 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

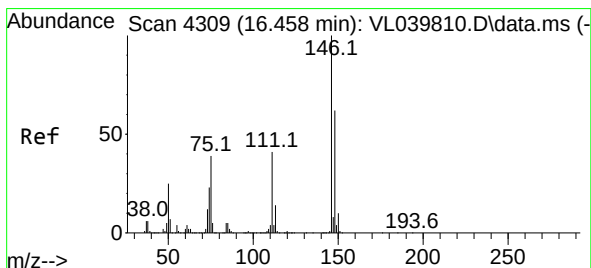
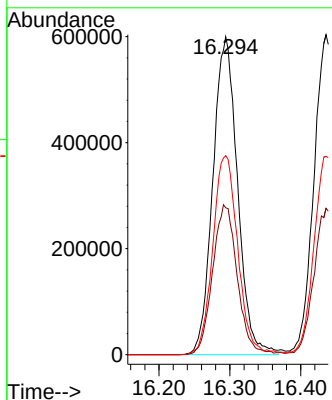
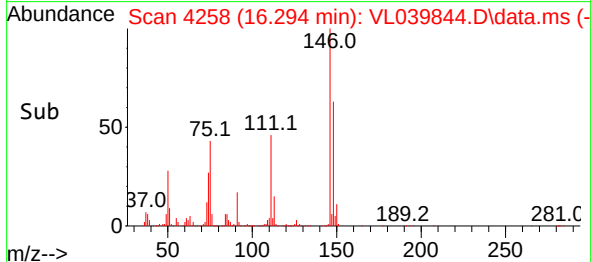
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



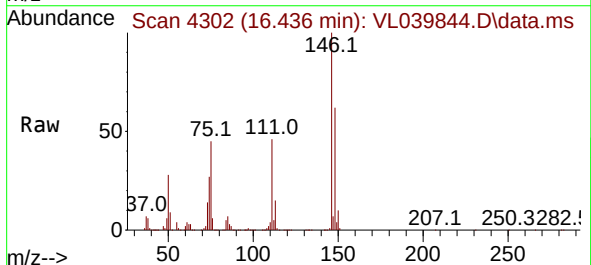
Tgt Ion:146 Resp: 1447434
Ion Ratio Lower Upper
146 100
111 47.3 22.9 68.8
148 63.7 32.3 96.9

Manual Integrations
APPROVED

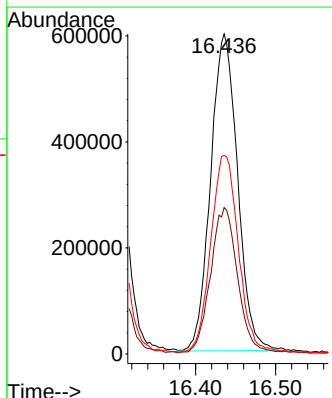
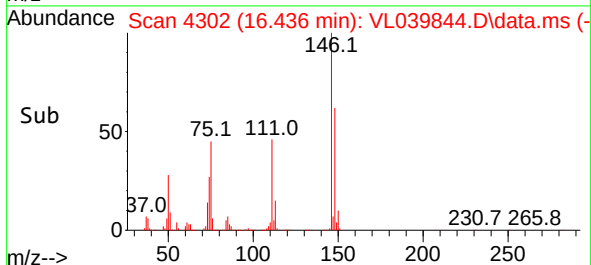
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

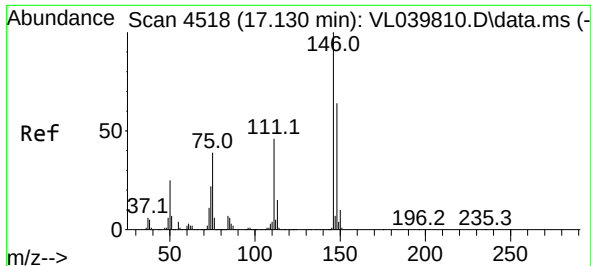


#76
1,4-Dichlorobenzene
Concen: 8.792 ppbv
RT: 16.436 min Scan# 4302
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



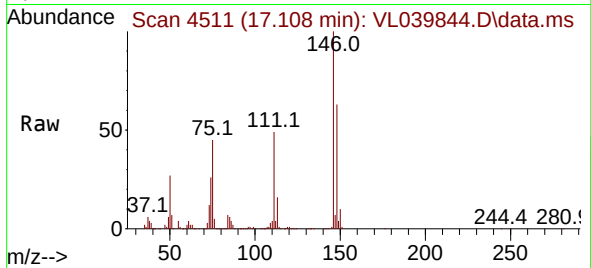
Tgt Ion:146 Resp: 1396993
Ion Ratio Lower Upper
146 100
111 46.6 22.7 68.1
148 65.3 33.1 99.3





#77
1,2-Dichlorobenzene
Concen: 8.865 ppbv
RT: 17.108 min Scan# 411
Delta R.T. -0.022 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

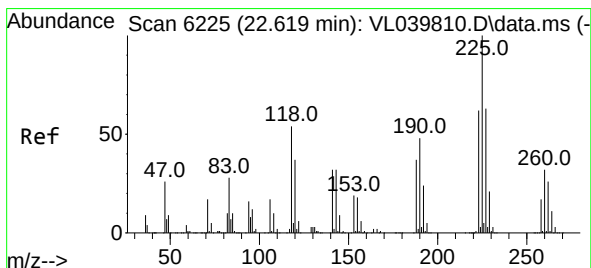
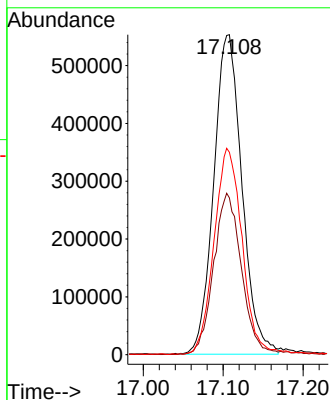
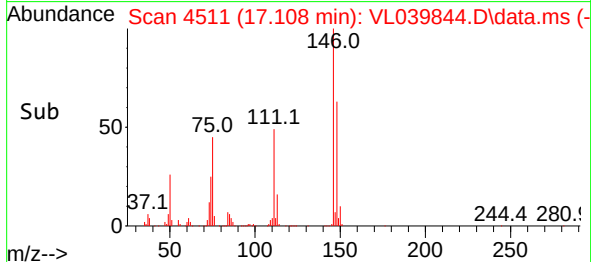
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



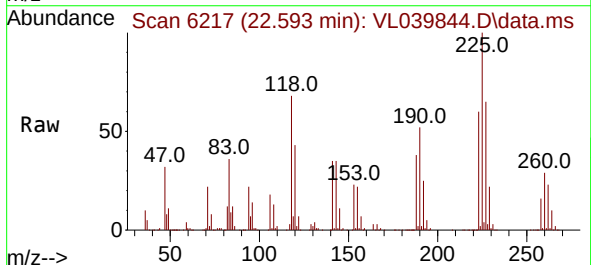
Tgt Ion:146 Resp: 1353229
Ion Ratio Lower Upper
146 100
111 50.3 23.9 71.8
148 65.1 32.4 97.2

Manual Integrations
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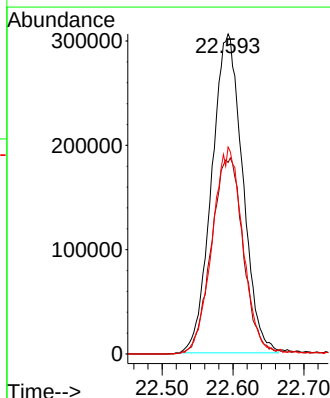
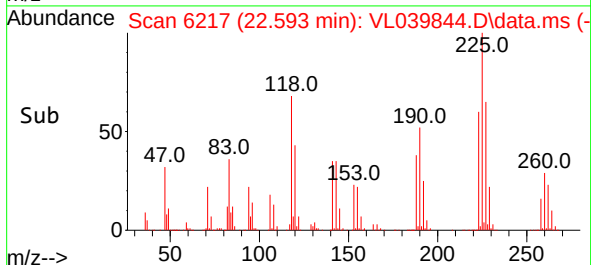
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

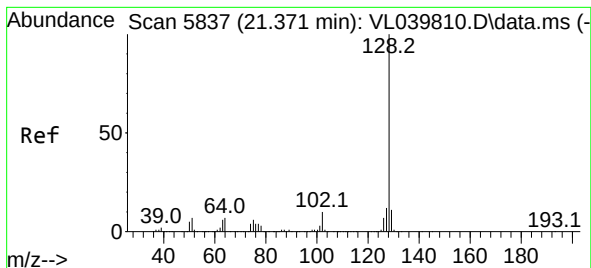


#78
Hexachloro-1,3-Butadiene
Concen: 8.204 ppbv
RT: 22.593 min Scan# 6217
Delta R.T. -0.026 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



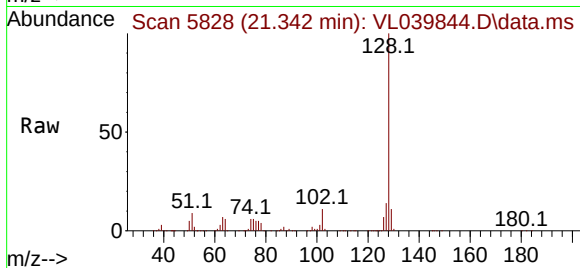
Tgt Ion:225 Resp: 927879
Ion Ratio Lower Upper
225 100
223 64.3 50.6 75.8
227 64.9 51.6 77.4





#79
Naphthalene
Concen: 10.438 ppbv
RT: 21.342 min Scan# 5828
Delta R.T. -0.029 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

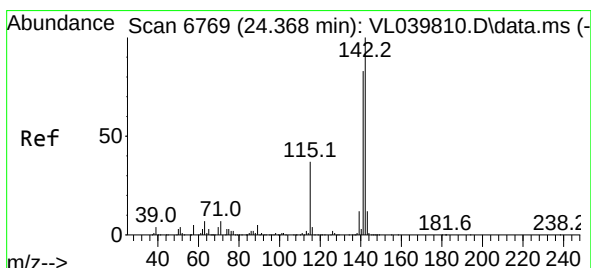
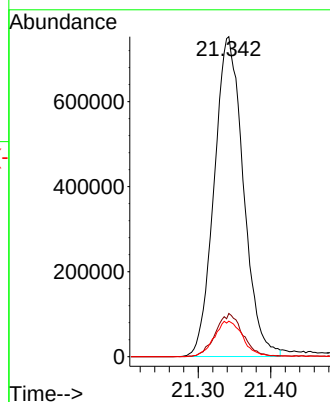
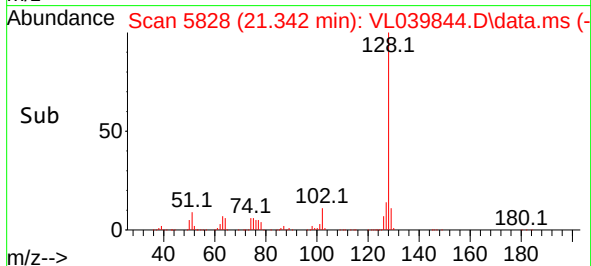
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



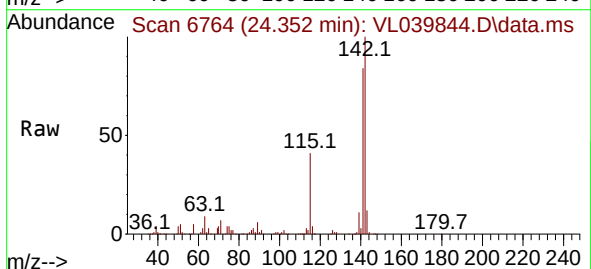
Tgt Ion:128 Resp: 210446
Ion Ratio Lower Upper
128 100
127 13.5 9.8 14.6
129 11.1 8.6 13.0

Manual Integrations
APPROVED

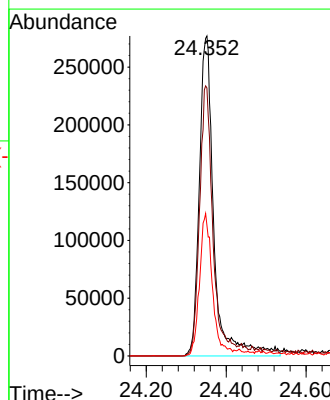
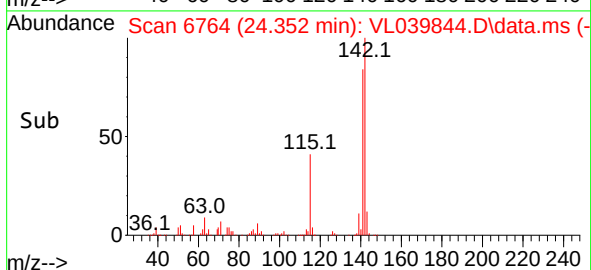
Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

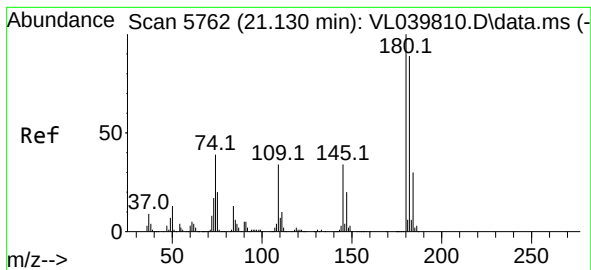


#80
Naphthalene,2-methyl-
Concen: 8.227 ppbv
RT: 24.352 min Scan# 6764
Delta R.T. -0.016 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48



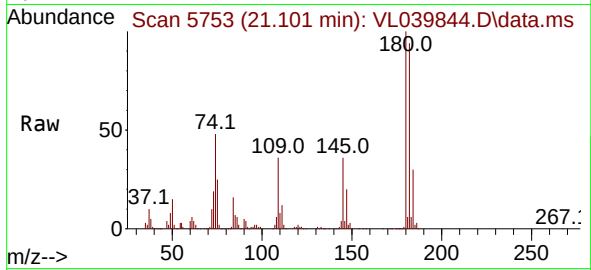
Tgt Ion:142 Resp: 703277
Ion Ratio Lower Upper
142 100
141 78.8 65.1 97.7
115 42.7 29.1 43.7





#81
1,2,4-Trichlorobenzene
Concen: 9.583 ppbv
RT: 21.101 min Scan# 51
Delta R.T. -0.029 min
Lab File: VL039844.D
Acq: 9 Nov 2022 11:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1080810
Ion Ratio Lower Upper
180 100
182 100.0 78.1 117.1
184 31.1 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/10/2022
Supervised By :Mahesh Dadoda 11/11/2022

