

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039832.D
 Acq On : 7 Nov 2022 9:19
 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 11/08/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 06:04:18 2022

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)

Internal Standards						
1) Bromochloromethane	5.195	49	1119884	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	3026826	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2963500m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 2266784 10.219 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.748	85	1327709	7.022	ppbv	98
3) Chlorodifluoromethane	2.693	51	1259337	9.433	ppbv	97
4) Chloromethane	2.828	50	760870	9.153	ppbv	100
5) Vinyl Chloride	2.938	62	662870	9.849	ppbv	98
6) Bromomethane	3.134	94	232951	9.703	ppbv	96
7) Chloroethane	3.214	64	225407	8.937	ppbv	96
8) Dichlorotetrafluoroethane	2.873	85	1504927	9.340	ppbv	99
9) Propene	2.713	41	620988	8.927	ppbv	99
10) Heptane	7.577	43	1528733	9.174	ppbv	100
11) Trichlorofluoromethane	3.578	101	1506550	9.770	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.076	101	1042506	9.361	ppbv	100
13) Ethanol	3.253	45	42536m	8.652	ppbv	
14) Bromoethene	3.381	108	473131	9.488	ppbv	98
15) Acetone	3.481	43	1044937	7.666	ppbv	99
16) 1,3-Butadiene	3.002	39	595133	9.388	ppbv	98
17) tert-Butyl alcohol	3.886	59	1157233	8.915	ppbv	99
18) 1,1-Dichloroethene	3.893	96	490871	9.613	ppbv	93
19) Isopropyl Alcohol	3.584	45	604911	8.966	ppbv	96
20) Methylene Chloride	3.944	84	366852	7.523	ppbv	92
21) Allyl Chloride	4.008	41	759329	8.807	ppbv	100
22) trans-1,2-Dichloroethene	4.452	96	487725	9.411	ppbv	95
23) Vinyl Acetate	4.632	43	442748	8.153	ppbv	99
24) 1,1-Dichloroethane	4.571	63	958453	8.641	ppbv	99
25) Ethyl Acetate	5.208	43	2594316	9.240	ppbv	99
26) Hexane	5.217	57	1120421	8.950	ppbv	99
27) Carbon Disulfide	4.134	76	1261273	9.594	ppbv	100
28) Methyl tert-Butyl Ether	4.594	73	979649	8.645	ppbv	98
29) Chloroform	5.278	83	1774286	10.079	ppbv	100
30) Cyclohexane	6.600	84	976064	9.324	ppbv	97
31) cis-1,2-Dichloroethene	5.082	61	1120237	9.813	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1819406	10.382	ppbv	99
34) 2-Butanone	4.793	43	1066582	8.542	ppbv	96
35) Carbon Tetrachloride	6.494	117	1843078	10.446	ppbv	98
36) Benzene	6.372	78	2481280	9.718	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1333784	10.888	ppbv	99
38) Trichloroethene	7.288	130	1324810	9.694	ppbv	98
39) 1,2-Dichloropropane	7.073	63	962161	9.672	ppbv	96
40) 1,4-Dioxane	7.285	88	377780	9.917	ppbv	98
41) Tetrahydrofuran	5.561	42	983938	9.428	ppbv	98
42) Bromodichloromethane	7.246	83	1984946	10.145	ppbv	97
43) Methyl Methacrylate	7.471	69	974606	9.658	ppbv	99
44) 2,2,4-Trimethylpentane	7.323	57	4017729	9.323	ppbv	99
45) t-1,3-Dichloropropene	8.706	75	1000886	10.355	ppbv	99

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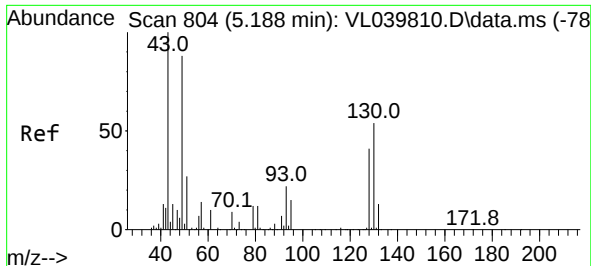
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

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

Response via : Initial Calibration

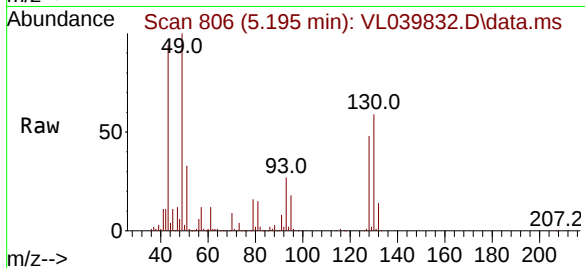
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	1321334	10.015	ppbv	99
47) 1,1,2-Trichloroethane	8.892	97	995211	9.880	ppbv	99
48) Dibromochloromethane	9.703	129	1662914	9.688	ppbv	100
49) Bromoform	12.400	173	1244569	9.021	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2489462	9.738	ppbv	99
51) 2-Hexanone	9.548	43	1959653	9.831	ppbv #	99
52) Tetrachloroethene	10.606	164	841199	8.794	ppbv	96
53) Toluene	9.214	91	2793516	9.537	ppbv	100
54) 1,2-Dibromoethane	10.002	107	1168318	10.450	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.503	131	1142401	9.016	ppbv	98
57) Chlorobenzene	11.523	112	2003093	8.911	ppbv	96
58) Ethyl Benzene	12.082	91	3653132	9.117	ppbv	100
59) m/p-Xylene	12.362	91	5952518m	17.796	ppbv	
60) o-Xylene	13.053	91	2832715	8.939	ppbv	98
61) Styrene	12.892	104	1766018	9.057	ppbv	100
62) Isopropylbenzene	14.024	105	3996131	8.645	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.037	83	978639	8.293	ppbv	99
64) n-propylbenzene	14.912	120	1033160	8.355	ppbv	90
65) tert-Butylbenzene	16.085	119	3272672	8.063	ppbv	97
66) Benzyl Chloride	16.320	91	343067m	7.270	ppbv	
67) sec-Butylbenzene	16.632	105	4628282	8.377	ppbv	99
69) p-Isopropyltoluene	16.989	119	3684550	8.040	ppbv	99
70) n-Butylbenzene	17.879	91	3822104	8.627	ppbv	99
71) 2-Chlorotoluene	14.793	91	3027697	8.717	ppbv	98
72) 4-Ethyltoluene	15.188	105	3160747	8.858	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	2784121	8.801	ppbv	93
74) 1,2,4-Trimethylbenzene	16.101	105	2873561	8.550	ppbv	99
75) 1,3-Dichlorobenzene	16.326	146	1619482	8.253	ppbv	99
76) 1,4-Dichlorobenzene	16.465	146	1565449	8.130	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	1539074	8.320	ppbv	99
78) Hexachloro-1,3-Butadiene	22.625	225	1056230	7.706	ppbv	98
79) Naphthalene	21.371	128	2391883	9.789	ppbv	98
80) Naphthalene,2-methyl-	24.371	142	839445	8.103	ppbv	97
81) 1,2,4-Trichlorobenzene	21.133	180	1235058	9.036	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. 0.007 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

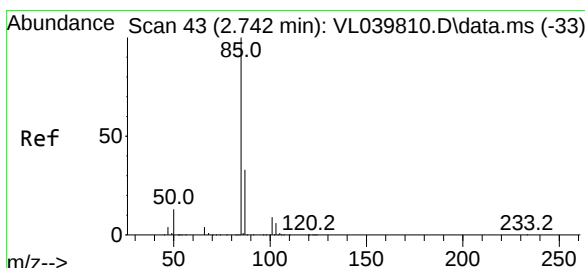
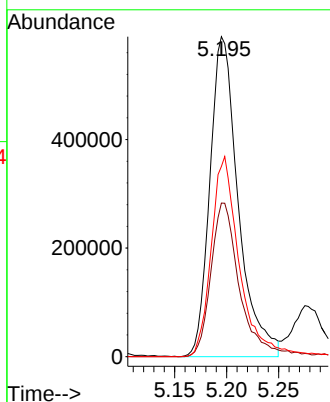
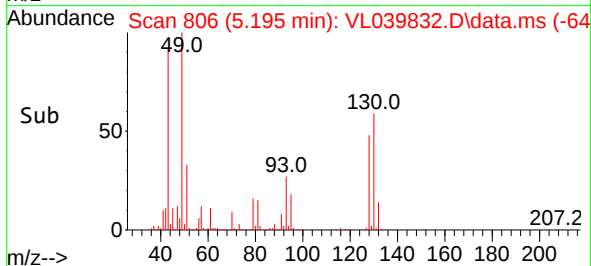
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



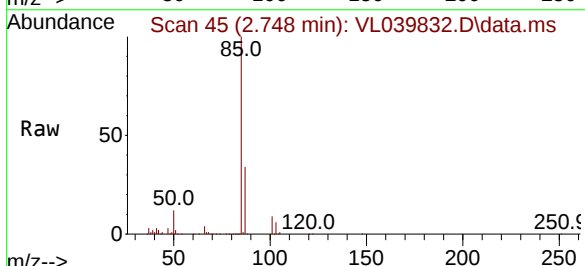
Tgt Ion: 49 Resp: 1119884
Ion Ratio Lower Upper
49 100
128 49.9 24.6 73.6
130 63.7 31.1 93.2

Manual Integrations
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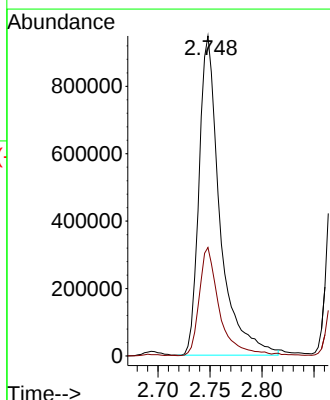
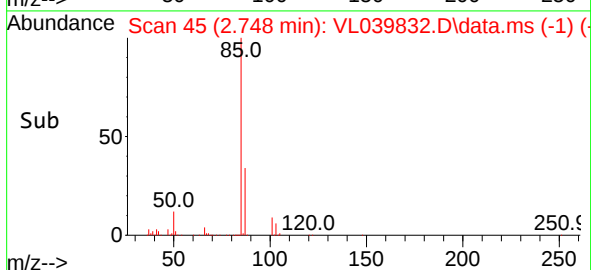
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

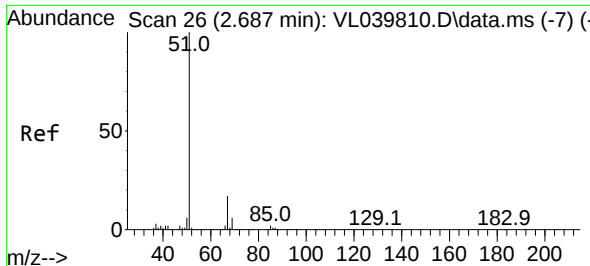


#2
Dichlorodifluoromethane
Concen: 7.022 ppbv
RT: 2.748 min Scan# 45
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



Tgt Ion: 85 Resp: 1327709
Ion Ratio Lower Upper
85 100
87 33.9 26.4 39.6





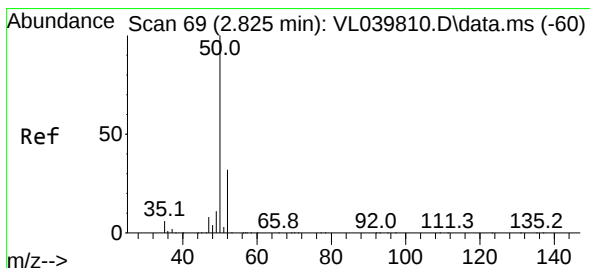
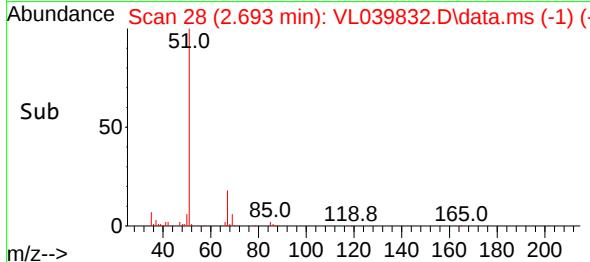
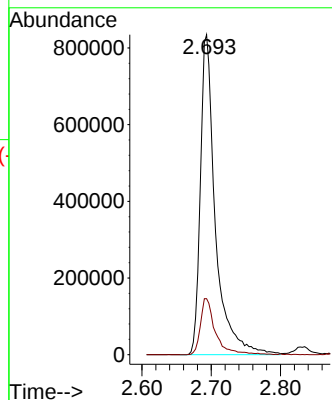
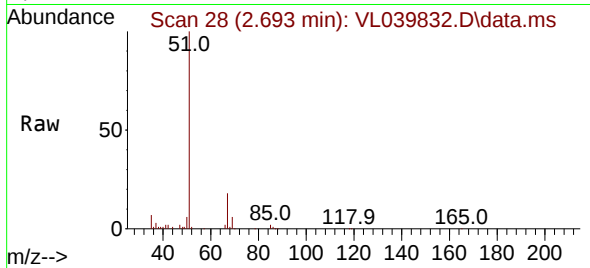
#3
Chlorodifluoromethane
Concen: 9.433 ppbv
RT: 2.693 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 125933
Ion Ratio Lower Upper
51 100
67 17.6 13.2 19.8

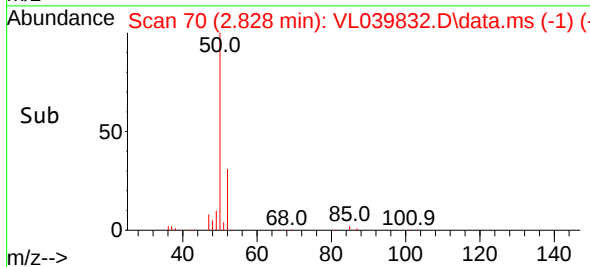
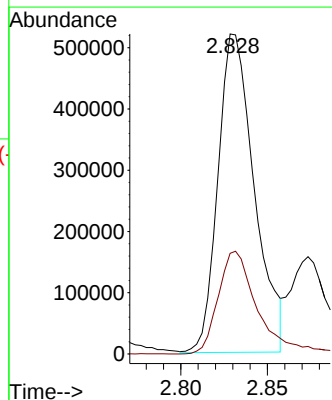
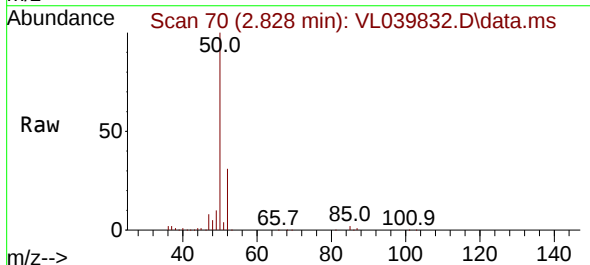
Manual Integrations
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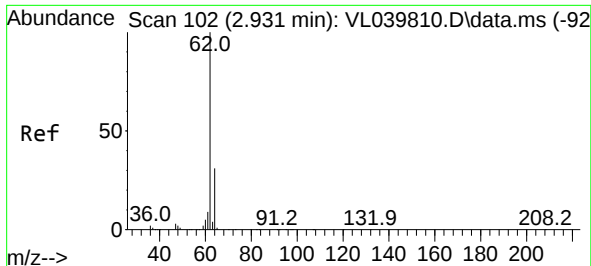
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#4
Chloromethane
Concen: 9.153 ppbv
RT: 2.828 min Scan# 70
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 50 Resp: 760870
Ion Ratio Lower Upper
50 100
52 31.7 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.849 ppbv
 RT: 2.938 min Scan# 104
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

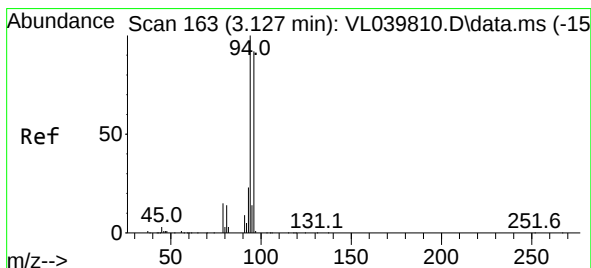
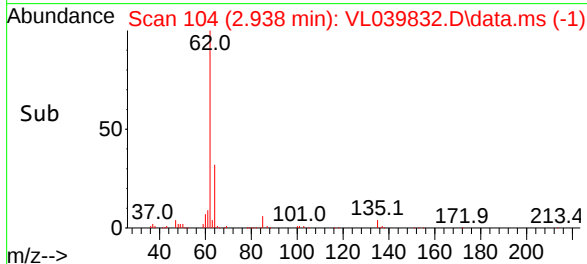
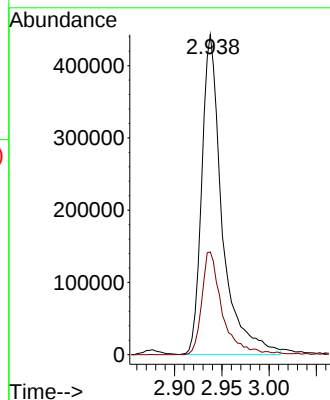
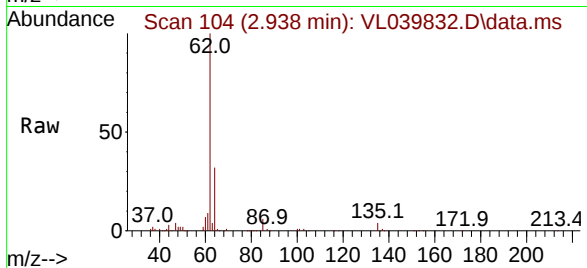
VSTDCCC010

Tgt Ion: 62 Resp: 662870
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.0 37.4

Manual Integrations

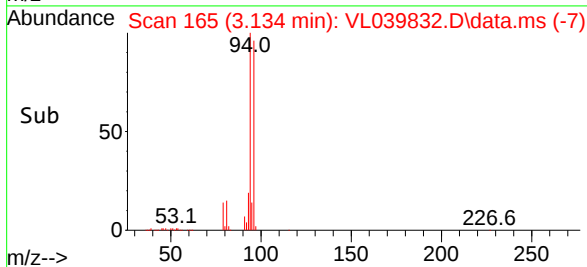
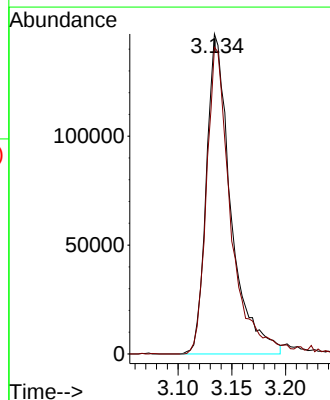
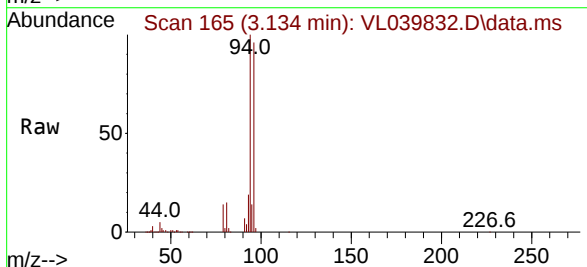
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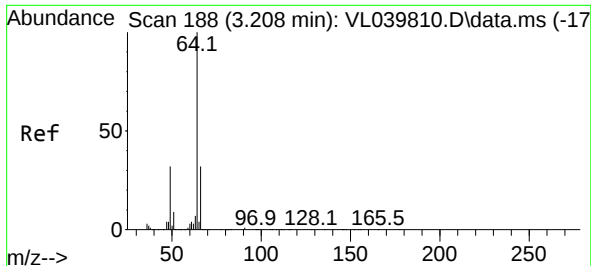
Reviewed By :Semsettin Yesilyurt 11/08/2022
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#6
 Bromomethane
 Concen: 9.703 ppbv
 RT: 3.134 min Scan# 165
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

Tgt Ion: 94 Resp: 232951
 Ion Ratio Lower Upper
 94 100
 96 95.9 73.5 110.3





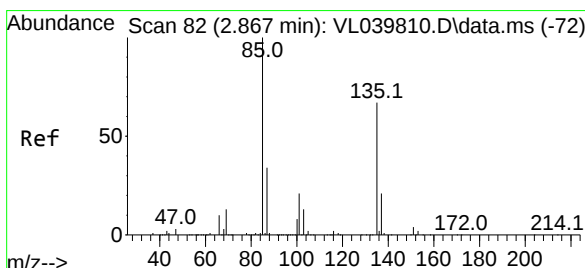
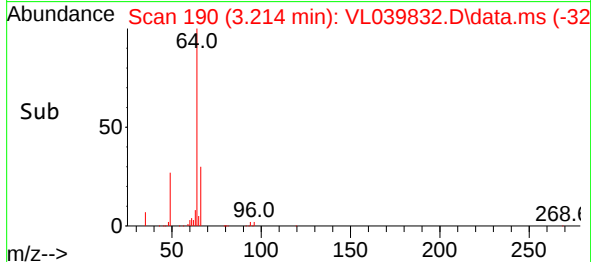
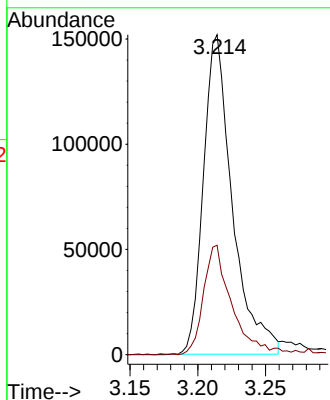
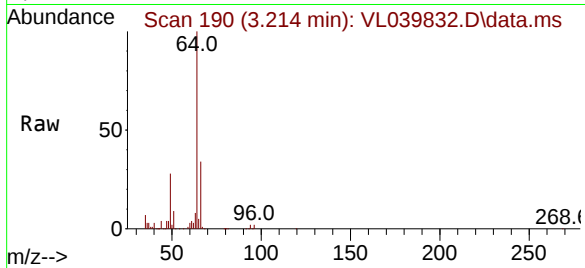
#7
Chloroethane
Concen: 8.937 ppbv
RT: 3.214 min Scan# 190
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 22540
Ion Ratio Lower Upper
64 100
66 34.2 25.5 38.3

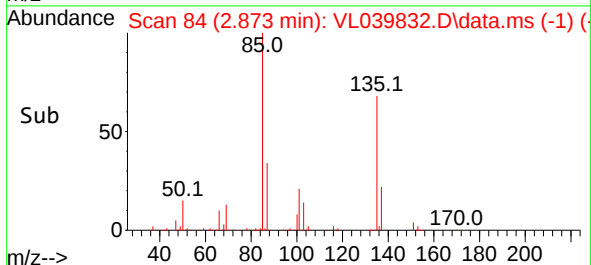
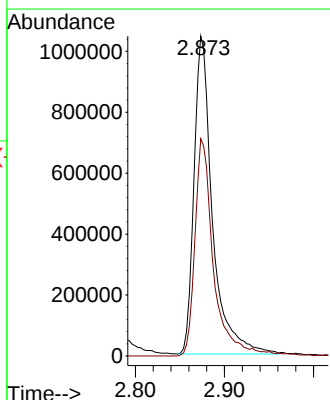
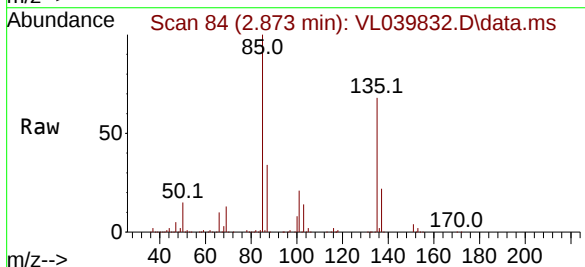
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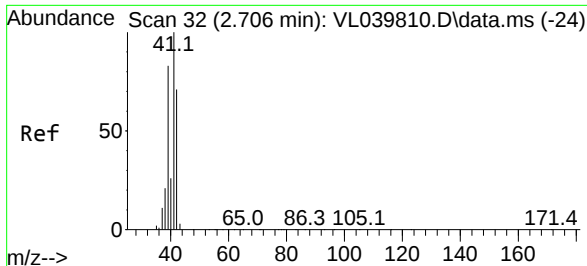
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#8
Dichlorotetrafluoroethane
Concen: 9.340 ppbv
RT: 2.873 min Scan# 84
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

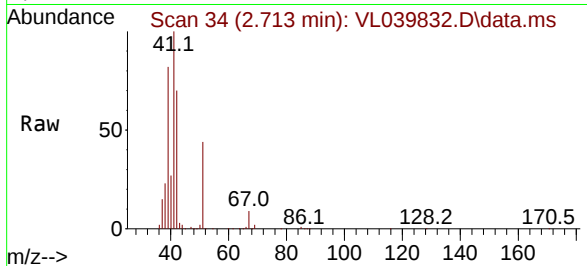
Tgt Ion: 85 Resp: 1504927
Ion Ratio Lower Upper
85 100
135 69.7 56.7 85.1





#9
 Propene
 Concen: 8.927 ppbv
 RT: 2.713 min Scan# 34
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

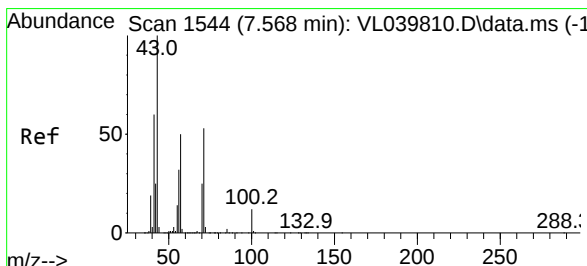
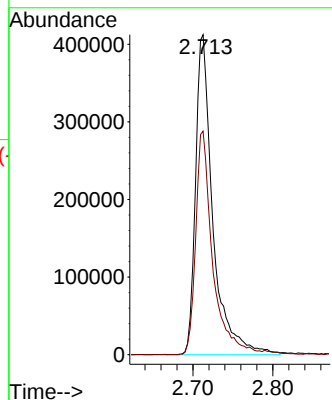
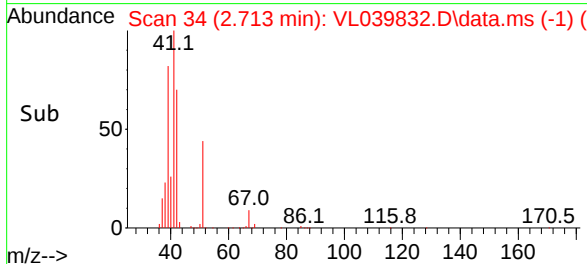
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



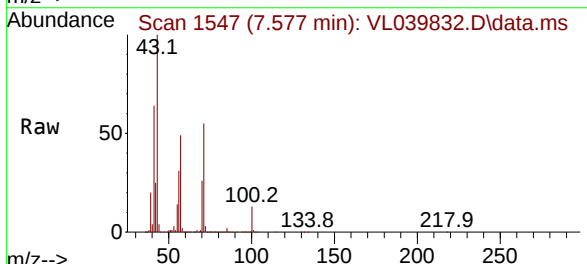
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 Ion Ratio Lower Upper
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 42 69.6 56.3 84.5

Manual Integrations
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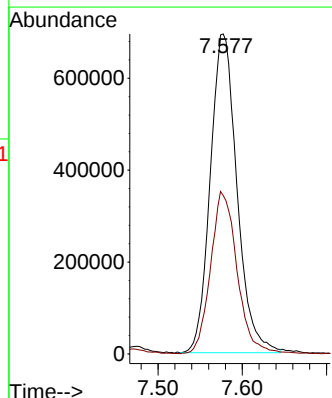
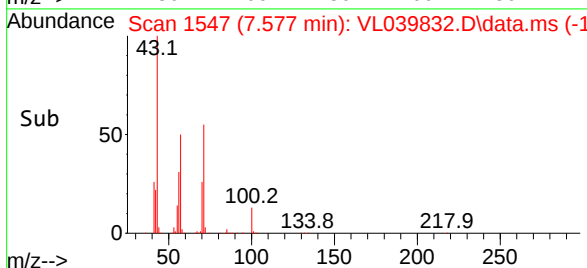
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

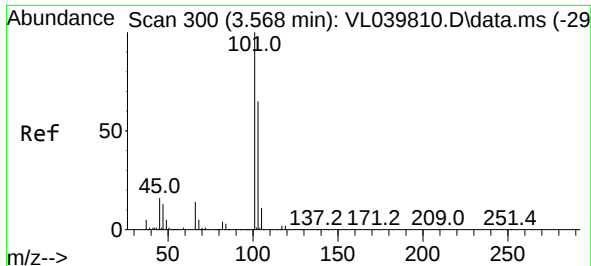


#10
 Heptane
 Concen: 9.174 ppbv
 RT: 7.577 min Scan# 1547
 Delta R.T. 0.010 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19



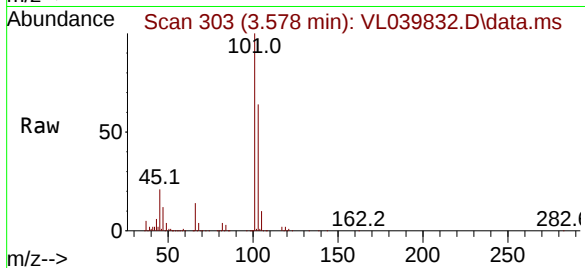
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 Ion Ratio Lower Upper
 43 100
 57 50.5 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 9.770 ppbv
 RT: 3.578 min Scan# 300
 Delta R.T. 0.010 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

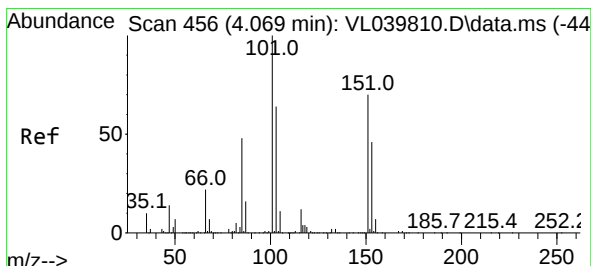
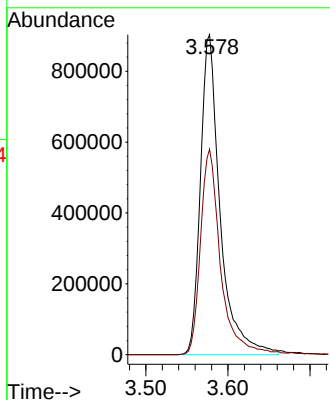
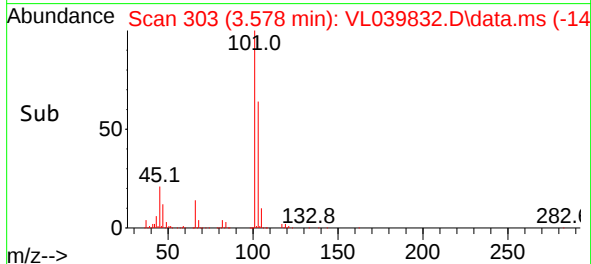
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



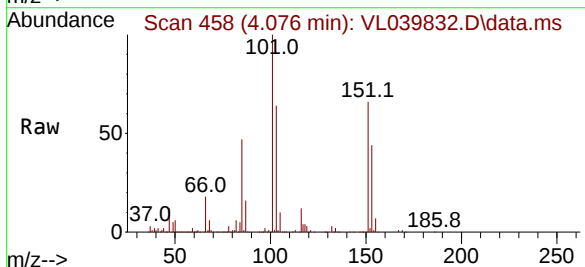
Tgt Ion:101 Resp: 1506550
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.2 78.2

Manual Integrations
 APPROVED

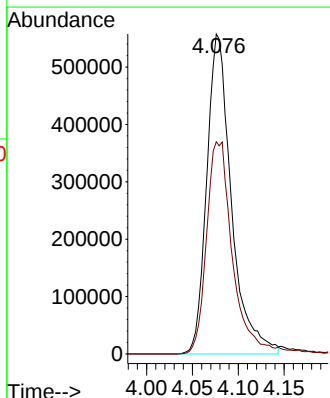
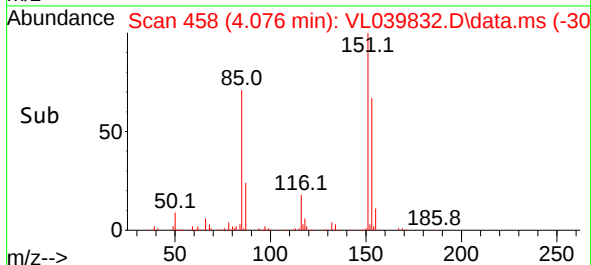
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

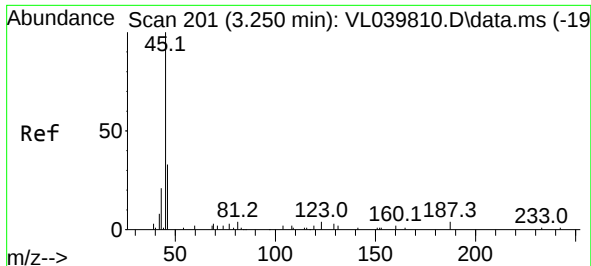


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.361 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19



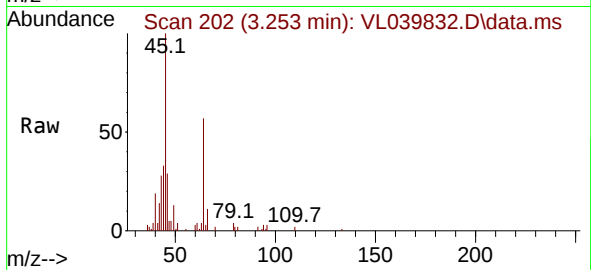
Tgt Ion:101 Resp: 1042506
 Ion Ratio Lower Upper
 101 100
 151 71.1 57.2 85.8





#13
Ethanol
Concen: 8.652 ppbv m
RT: 3.253 min Scan# 201
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

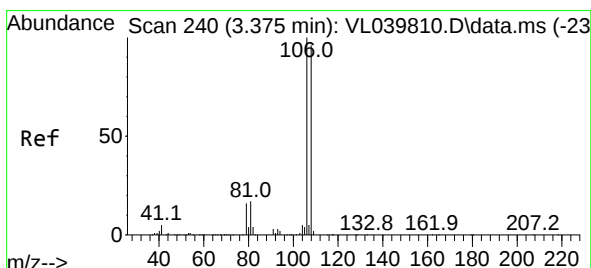
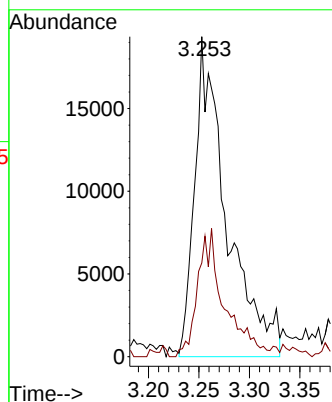
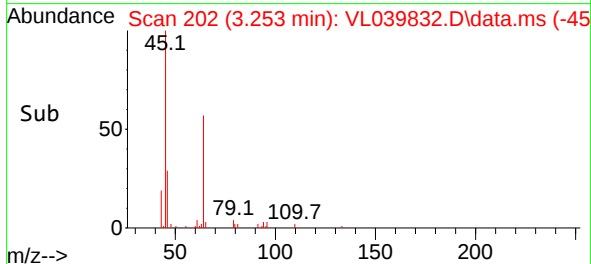
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



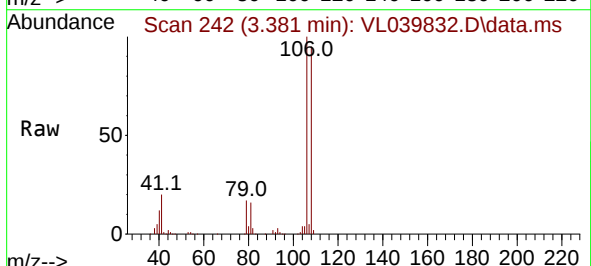
Tgt Ion: 45 Resp: 42530
Ion Ratio Lower Upper
45 100
46 36.7 16.5 65.9

Manual Integrations
APPROVED

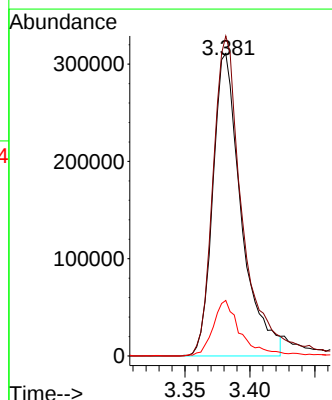
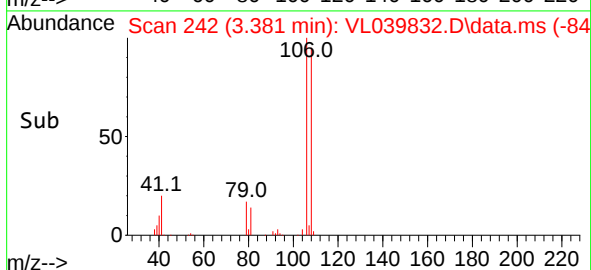
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

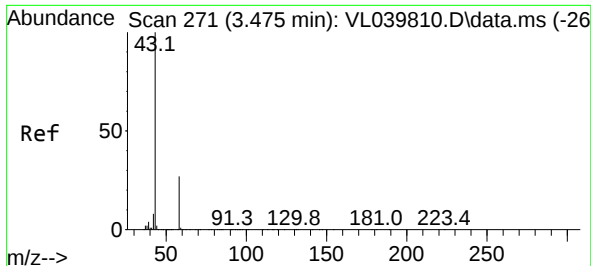


#14
Bromoethene
Concen: 9.488 ppbv
RT: 3.381 min Scan# 242
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



Tgt Ion:108 Resp: 473131
Ion Ratio Lower Upper
108 100
106 112.3 87.8 131.8
79 18.8 14.5 21.7





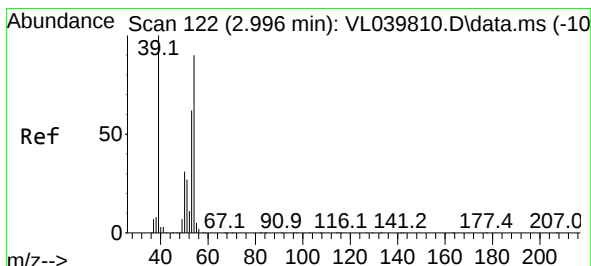
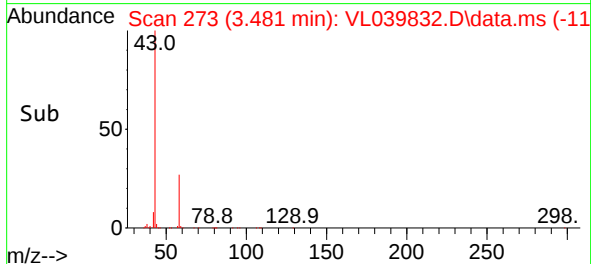
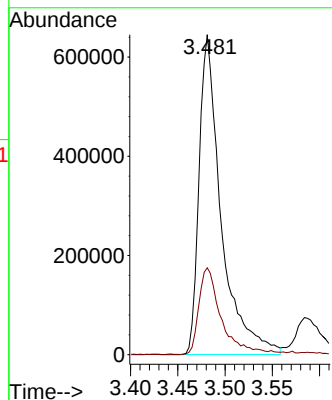
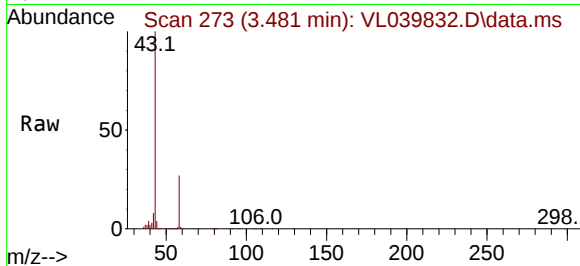
#15
Acetone
Concen: 7.666 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 104493
Ion Ratio Lower Upper
43 100
58 29.4 23.2 34.8

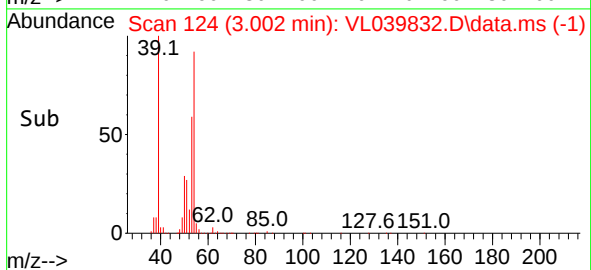
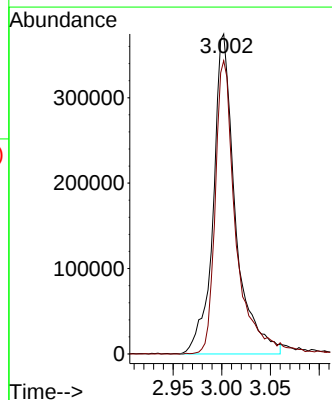
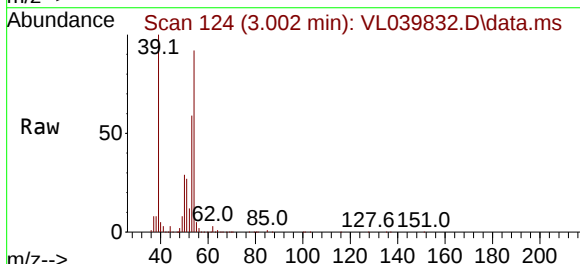
Manual Integrations
APPROVED

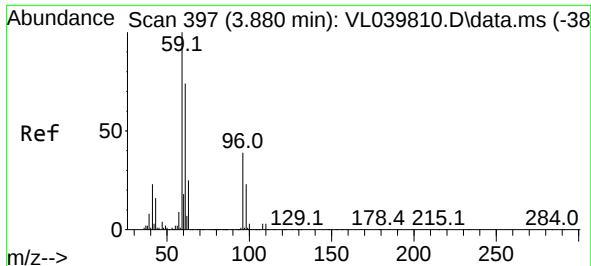
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#16
1,3-Butadiene
Concen: 9.388 ppbv
RT: 3.002 min Scan# 124
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 39 Resp: 595133
Ion Ratio Lower Upper
39 100
54 87.2 71.0 106.4





#17

tert-Butyl alcohol

Concen: 8.915 ppbv

RT: 3.886 min Scan# 397

Delta R.T. 0.006 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 115723

Ion Ratio Lower Upper

59 100

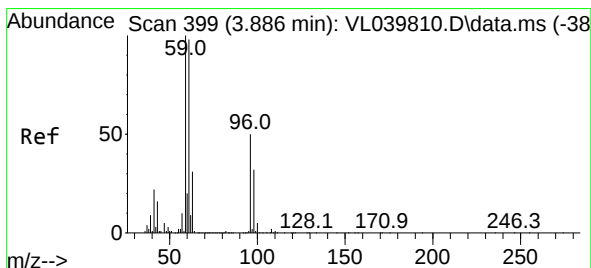
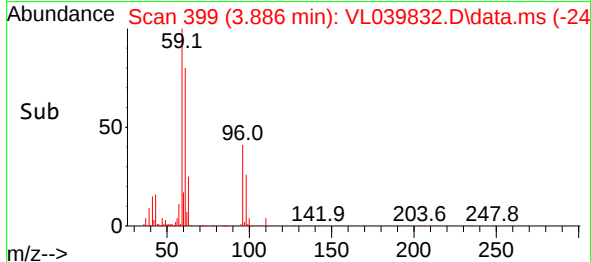
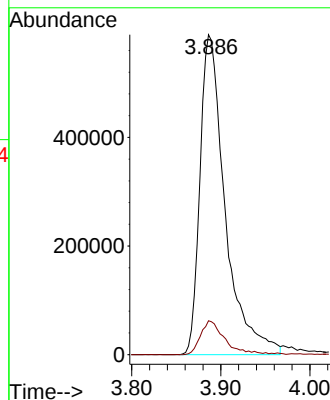
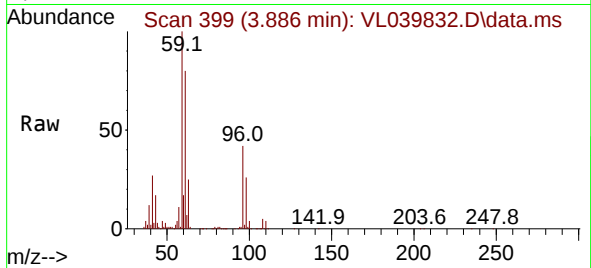
57 10.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#18

1,1-Dichloroethene

Concen: 9.613 ppbv

RT: 3.893 min Scan# 401

Delta R.T. 0.006 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

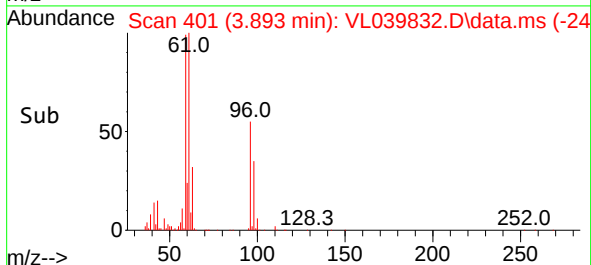
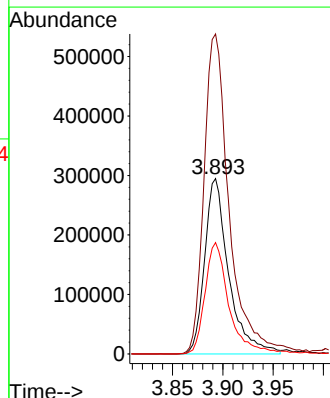
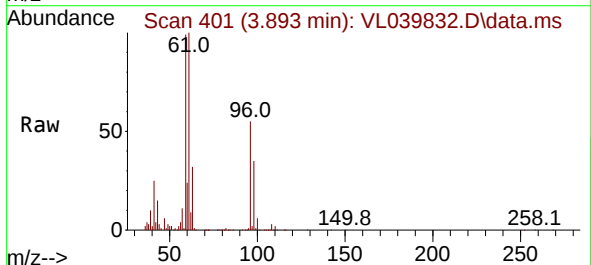
Tgt Ion: 96 Resp: 490871

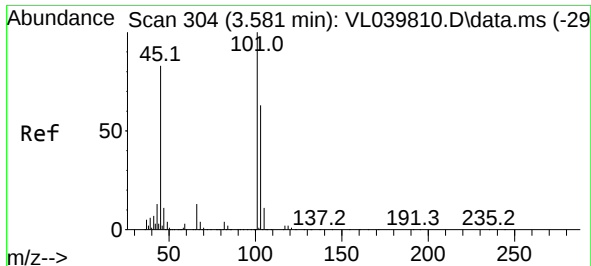
Ion Ratio Lower Upper

96 100

61 182.3 156.9 235.3

98 63.4 50.6 75.8





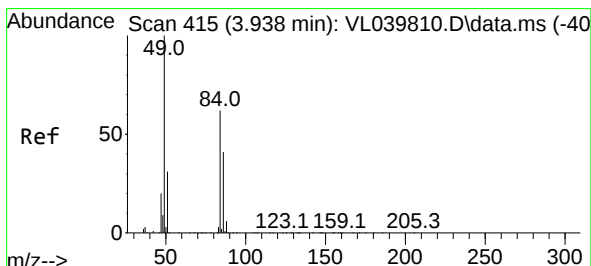
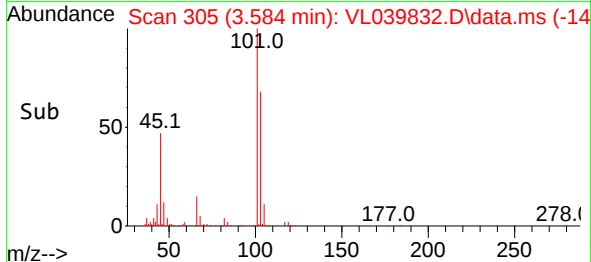
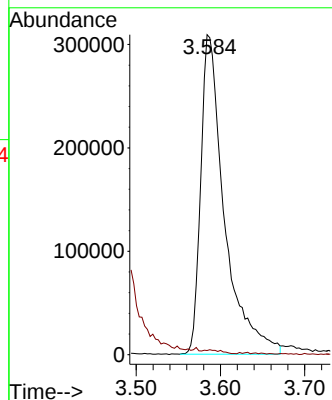
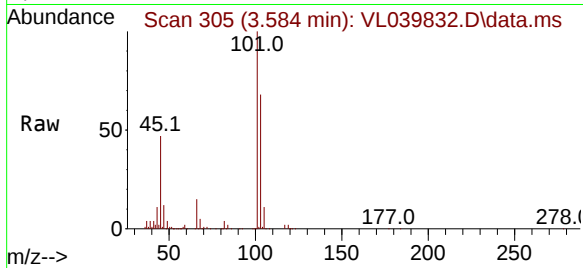
#19
Isopropyl Alcohol
Concen: 8.966 ppbv
RT: 3.584 min Scan# 304
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 60491
Ion Ratio Lower Upper
45 100
58 50.8 38.3 57.5

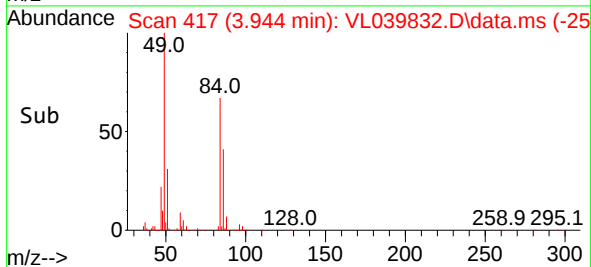
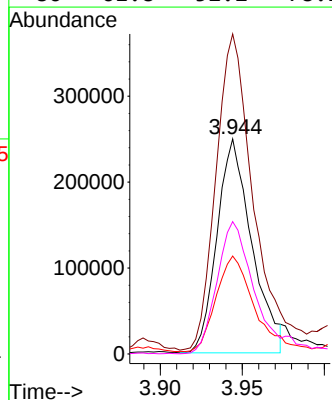
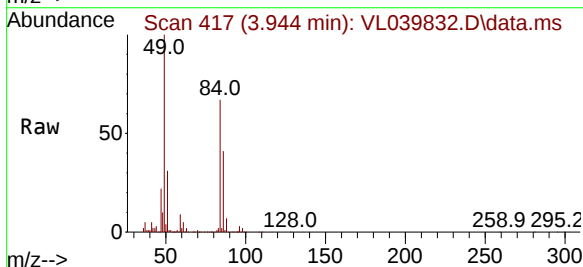
Manual Integrations
APPROVED

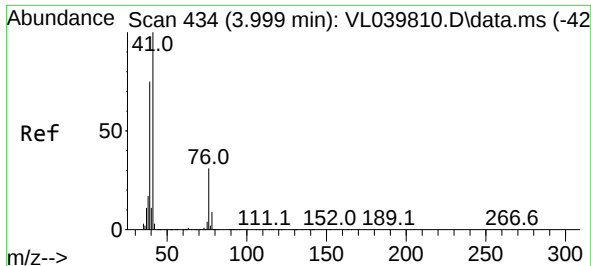
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#20
Methylene Chloride
Concen: 7.523 ppbv
RT: 3.944 min Scan# 417
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 84 Resp: 366852
Ion Ratio Lower Upper
84 100
49 147.8 128.6 192.8
51 44.6 40.2 60.4
86 61.8 52.2 78.2





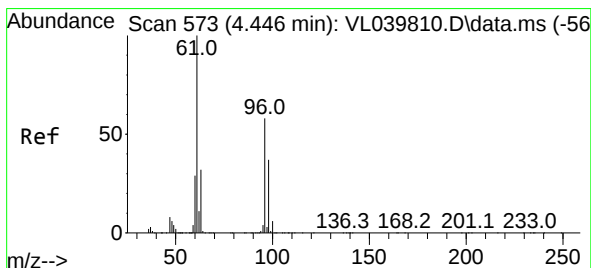
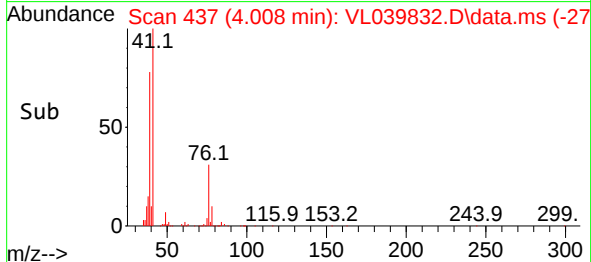
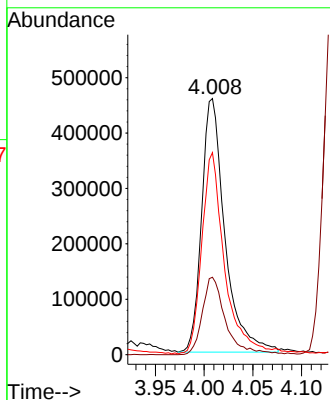
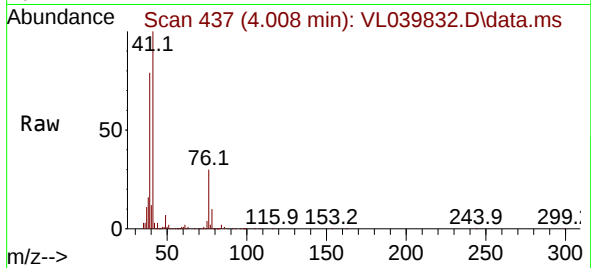
#21
 Allyl Chloride
 Concen: 8.807 ppbv
 RT: 4.008 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 759329
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.1 36.1
 39 80.6 64.3 96.5

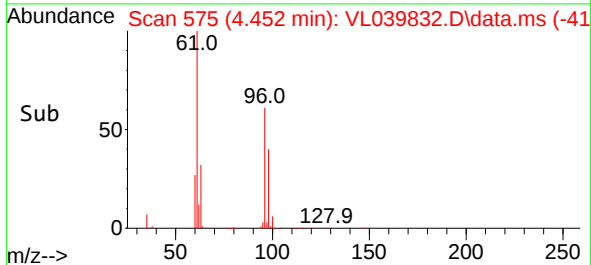
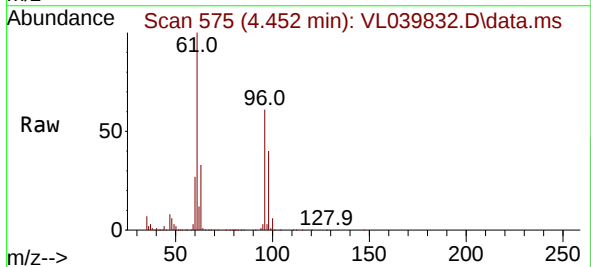
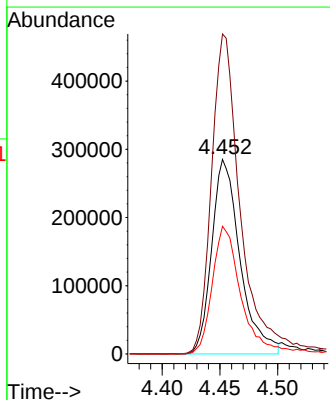
Manual Integrations
 APPROVED

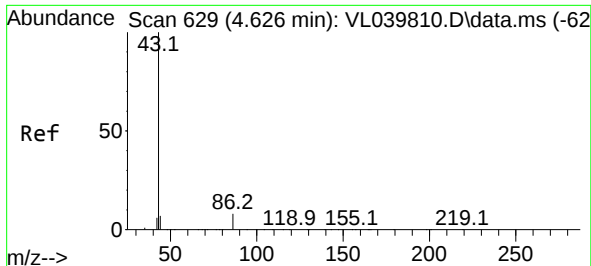
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.411 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

Tgt Ion: 96 Resp: 487725
 Ion Ratio Lower Upper
 96 100
 61 164.4 137.6 206.4
 98 65.5 51.2 76.8





#23
 Vinyl Acetate
 Concen: 8.153 ppbv
 RT: 4.632 min Scan# 611
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

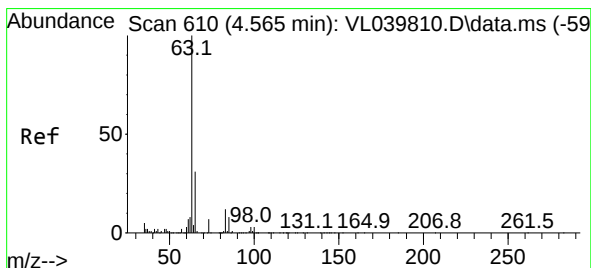
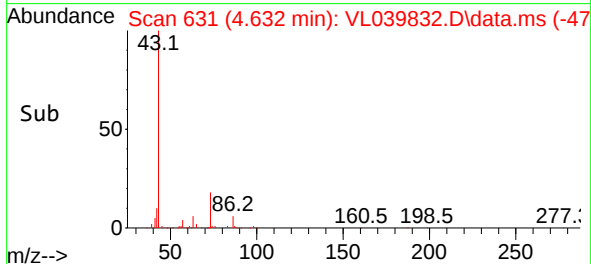
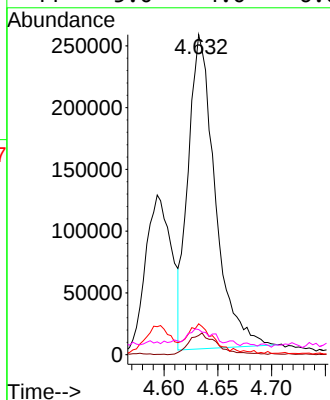
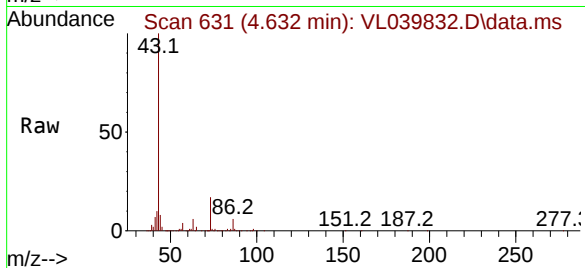
VSTDCCC010

Tgt Ion: 43 Resp: 442748
 Ion Ratio Lower Upper
 43 100
 86 6.0 5.0 7.4
 42 9.5 6.8 10.2
 44 5.0 4.0 6.0

Manual Integrations

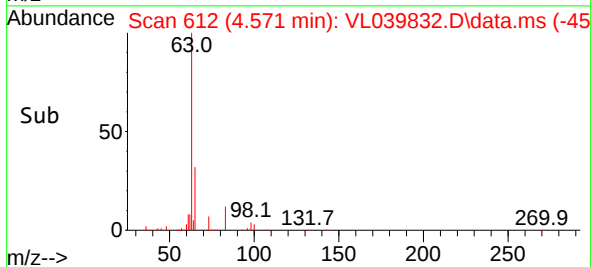
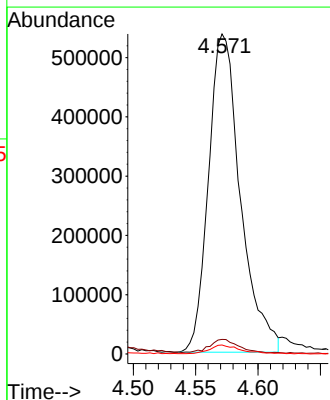
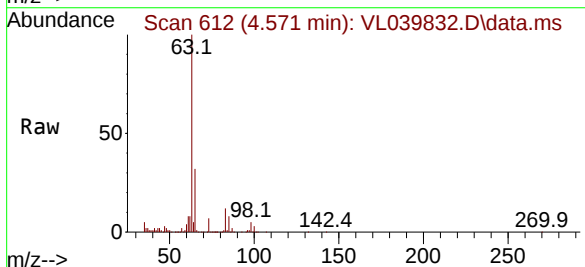
APPROVED

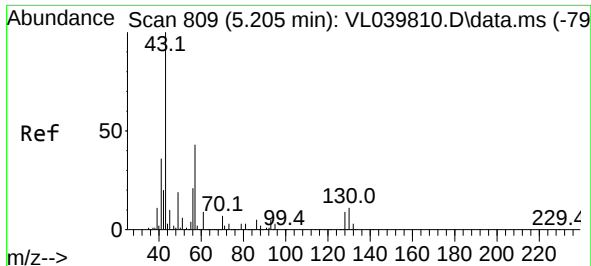
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#24
 1,1-Dichloroethane
 Concen: 8.641 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

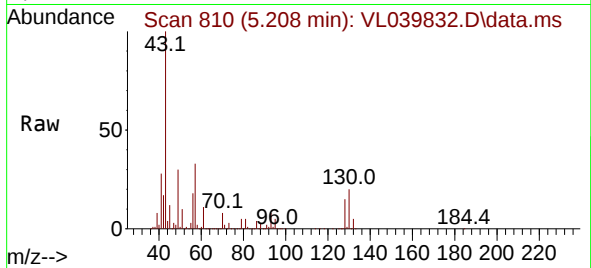
Tgt Ion: 63 Resp: 958453
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.8 5.4
 100 2.7 1.5 4.4





#25
Ethyl Acetate
Concen: 9.240 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

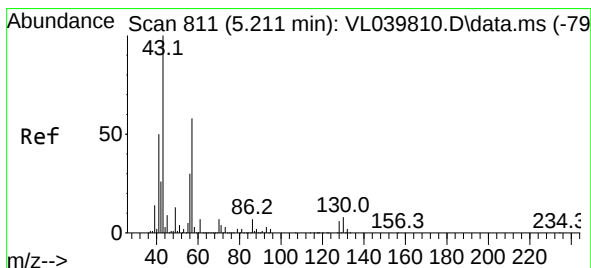
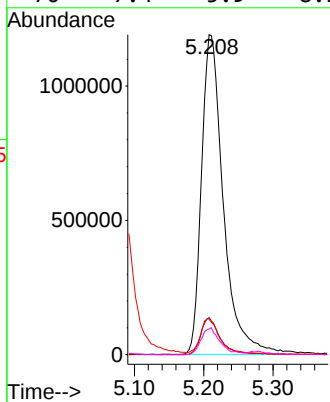
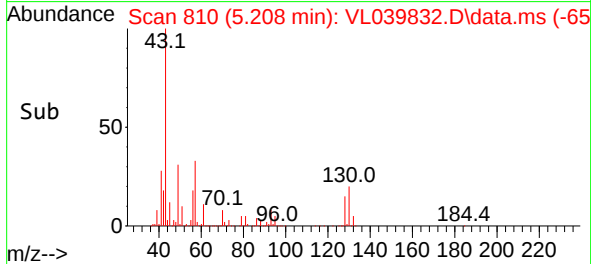
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



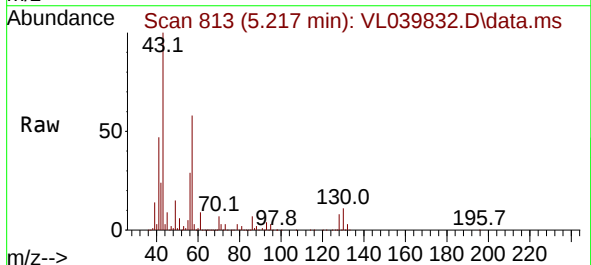
Tgt Ion: 43 Resp: 2594310
Ion Ratio Lower Upper
43 100
45 10.6 8.2 12.2
61 10.6 8.1 12.1
70 7.4 5.9 8.9

Manual Integrations
APPROVED

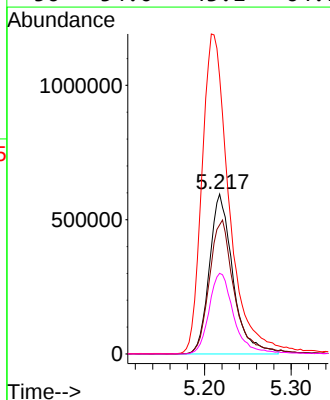
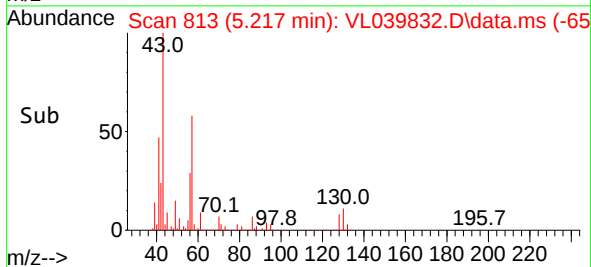
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

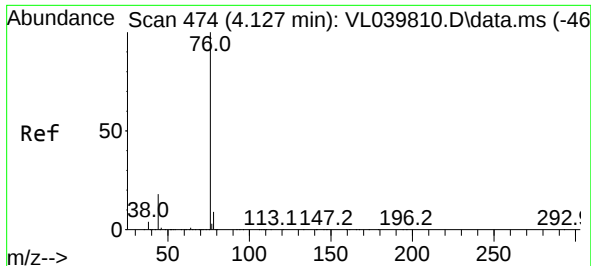


#26
Hexane
Concen: 8.950 ppbv
RT: 5.217 min Scan# 813
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



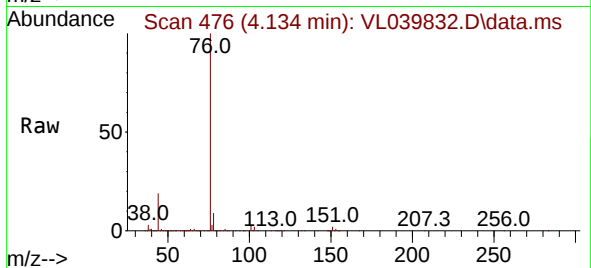
Tgt Ion: 57 Resp: 1120421
Ion Ratio Lower Upper
57 100
41 90.2 73.7 110.5
43 235.0 189.8 284.8
56 54.0 43.1 64.7





#27
Carbon Disulfide
Concen: 9.594 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

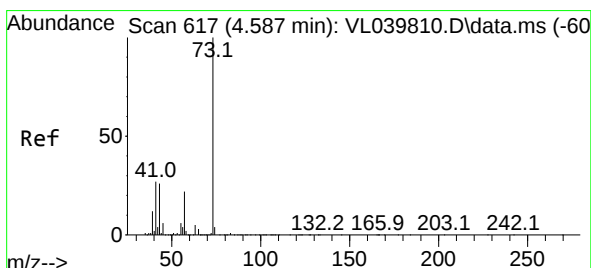
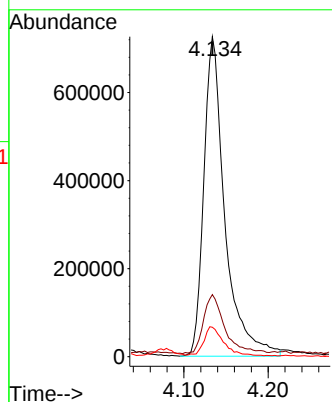
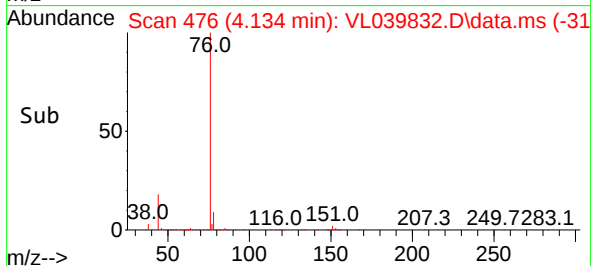
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 126127
Ion Ratio Lower Upper
76 100
44 18.3 14.6 22.0
78 9.5 7.6 11.4

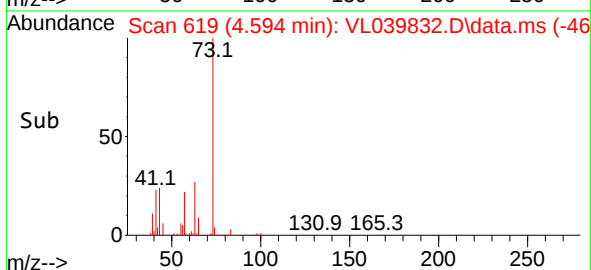
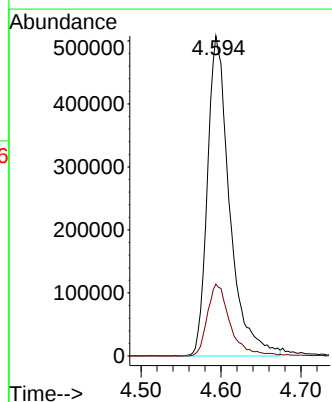
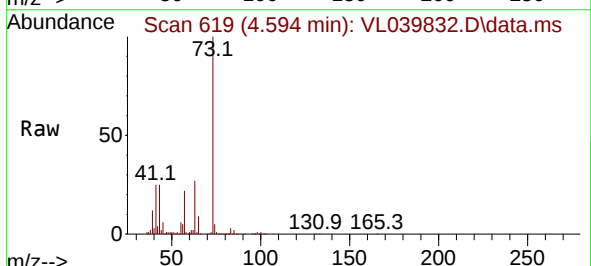
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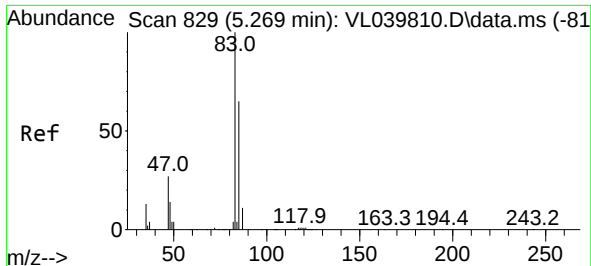
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#28
Methyl tert-Butyl Ether
Concen: 8.645 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 73 Resp: 979649
Ion Ratio Lower Upper
73 100
57 23.4 19.4 29.2





#29

Chloroform

Concen: 10.079 ppbv

RT: 5.278 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 177428

Ion Ratio Lower Upper

83 100

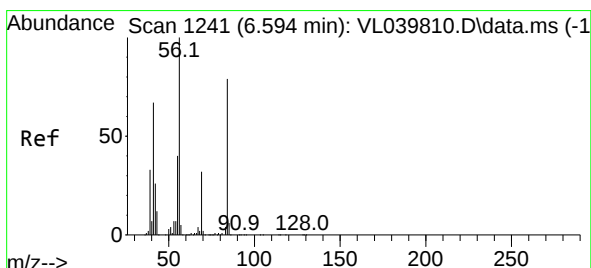
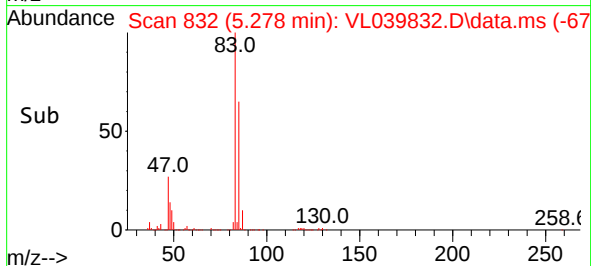
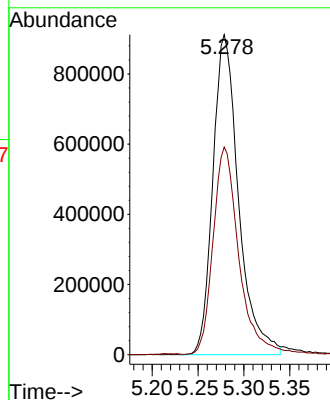
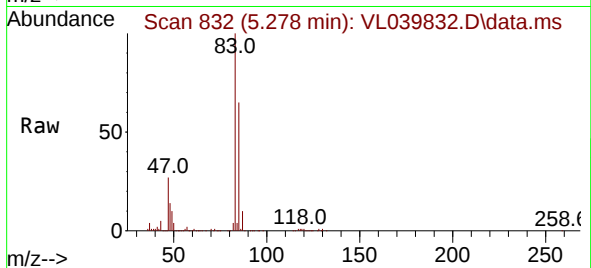
85 64.7 51.6 77.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#30

Cyclohexane

Concen: 9.324 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. 0.006 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

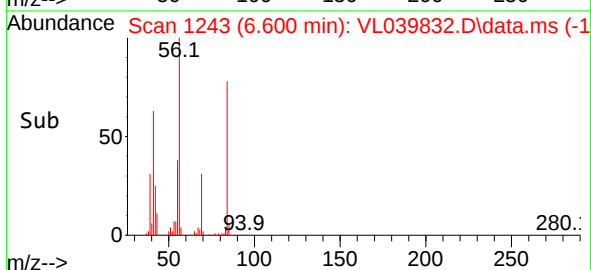
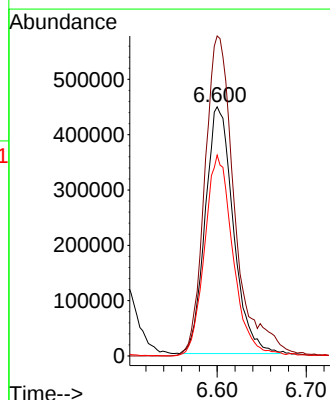
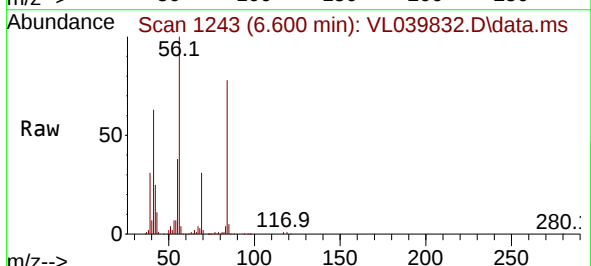
Tgt Ion: 84 Resp: 976064

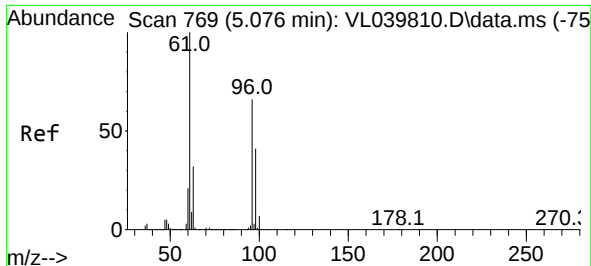
Ion Ratio Lower Upper

84 100

56 139.8 114.8 172.2

41 82.3 68.6 103.0





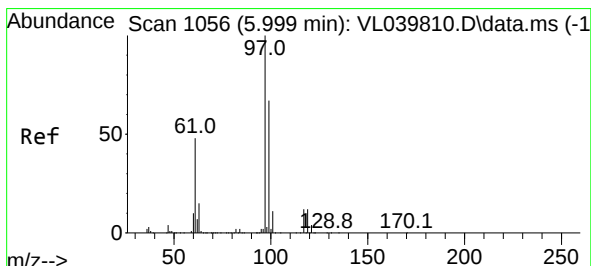
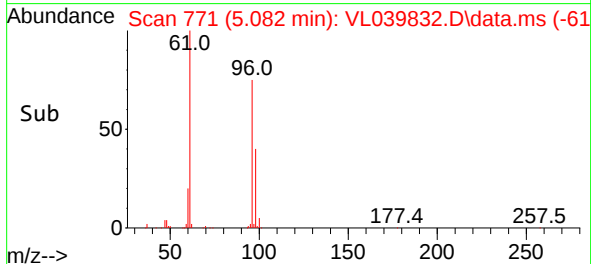
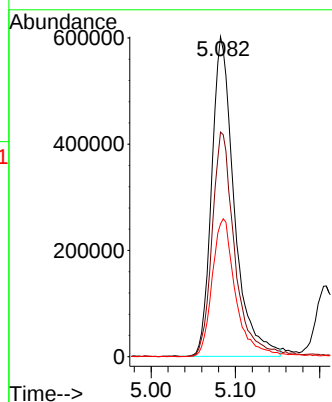
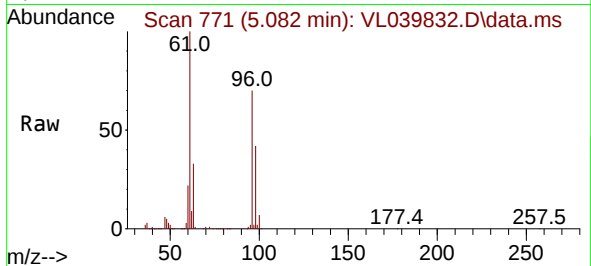
#31
 cis-1,2-Dichloroethene
 Concen: 9.813 ppbv
 RT: 5.082 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 112023
 Ion Ratio Lower Upper
 61 100
 96 70.3 52.6 78.8
 98 41.6 32.6 48.8

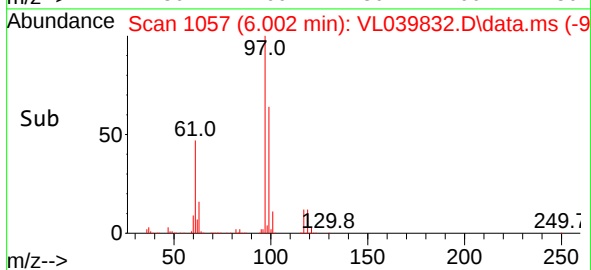
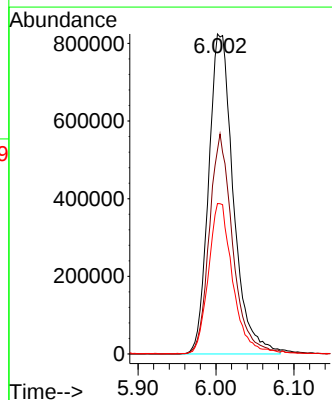
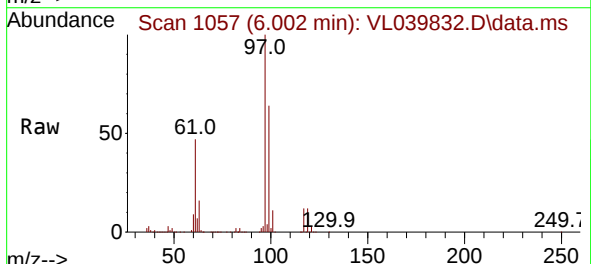
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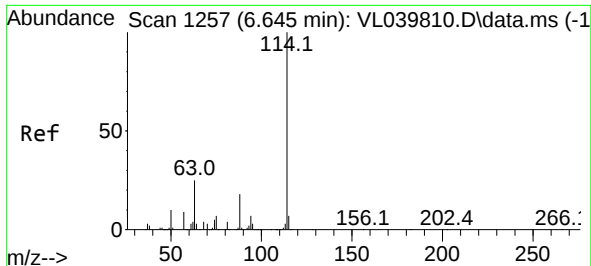
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.382 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.003 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

Tgt Ion: 97 Resp: 1819406
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.7 79.1
 61 46.6 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.651 min Scan# 1

Delta R.T. 0.006 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 3026820

Ion Ratio Lower Upper

114 100

63 24.4 19.8 29.6

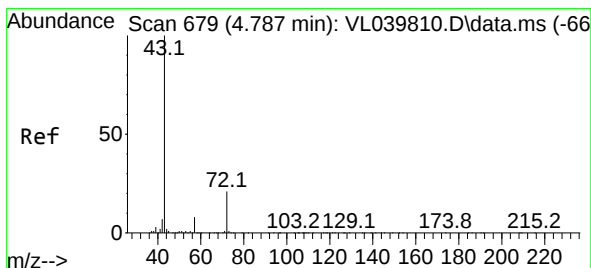
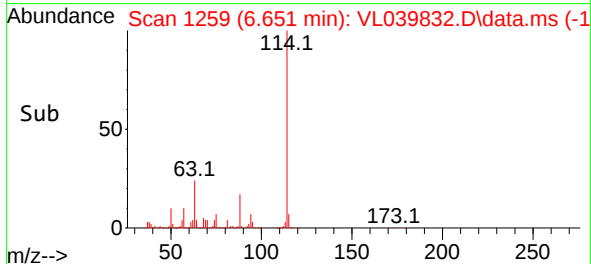
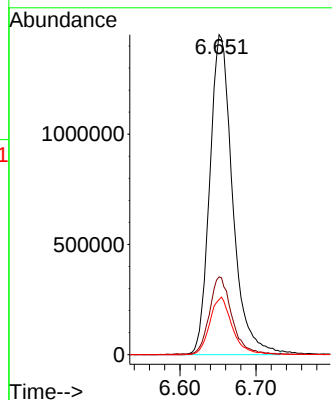
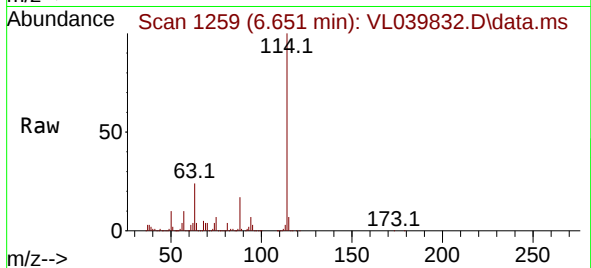
88 17.9 14.4 21.6

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Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#34

2-Butanone

Concen: 8.542 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.006 min

Lab File: VL039832.D

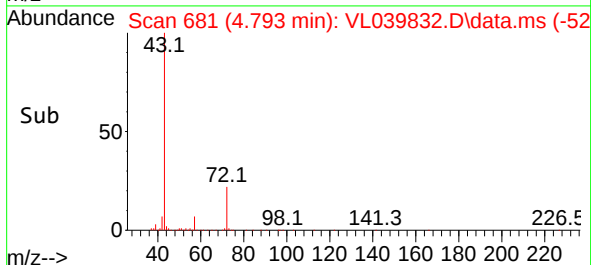
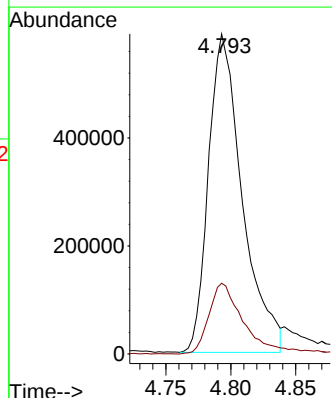
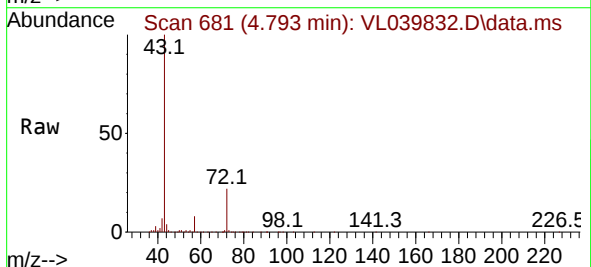
Acq: 7 Nov 2022 9:19

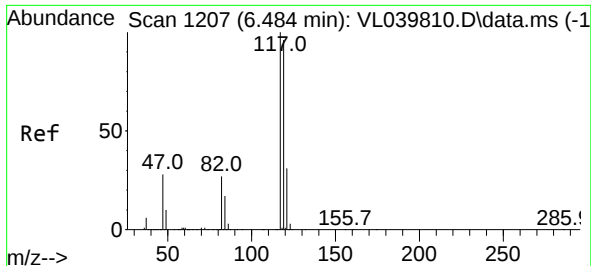
Tgt Ion: 43 Resp: 1066582

Ion Ratio Lower Upper

43 100

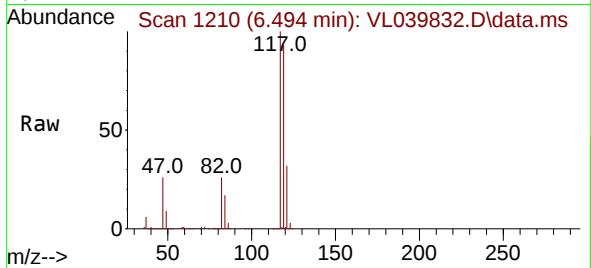
72 23.6 17.5 26.3





#35
Carbon Tetrachloride
Concen: 10.446 ppbv
RT: 6.494 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

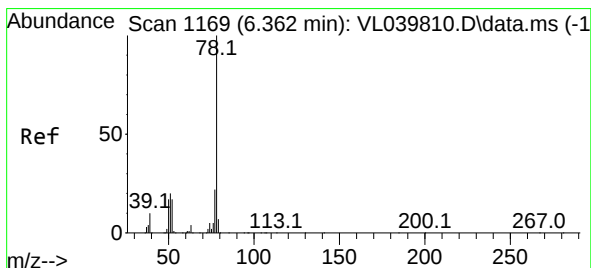
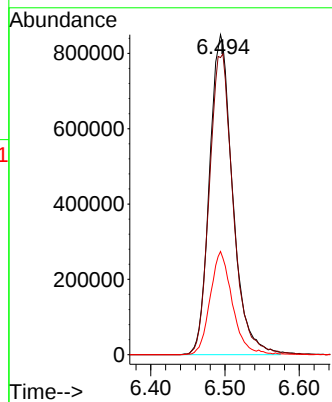
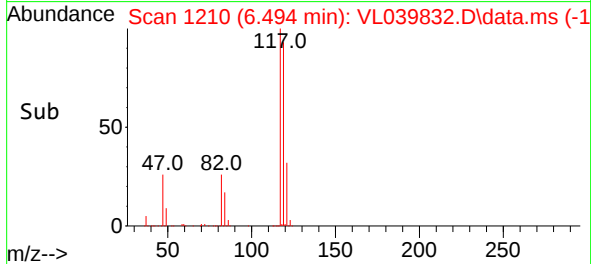
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1843078
Ion Ratio Lower Upper
117 100
119 92.8 76.5 114.7
121 32.2 25.2 37.8

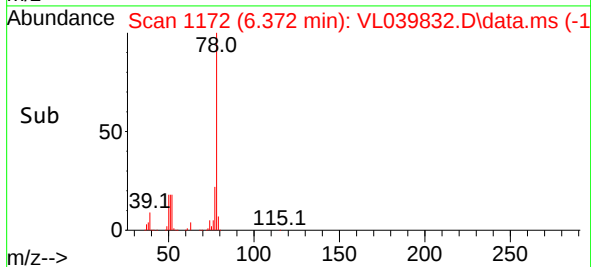
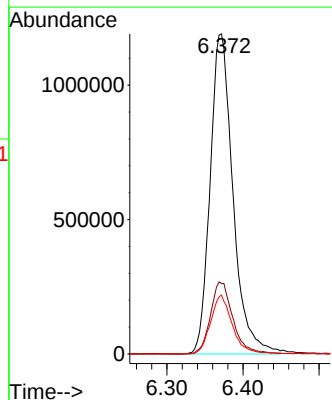
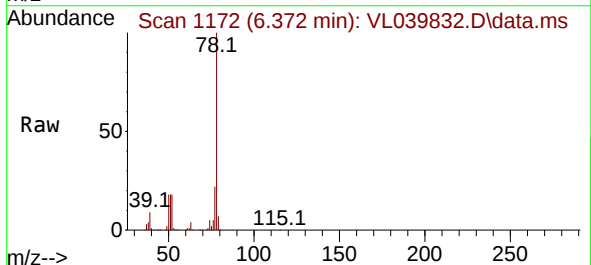
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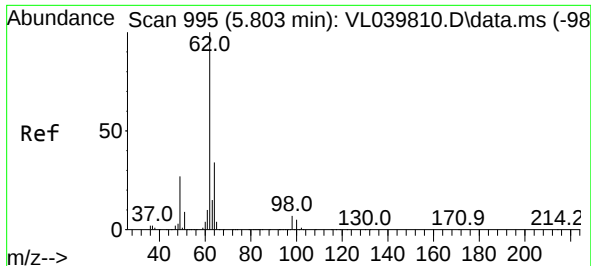
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#36
Benzene
Concen: 9.718 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

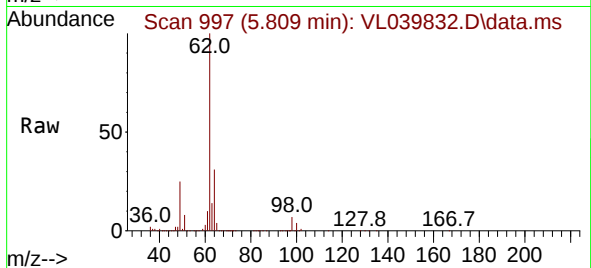
Tgt Ion: 78 Resp: 2481280
Ion Ratio Lower Upper
78 100
77 22.1 17.4 26.2
50 18.4 13.9 20.9





#37
1,2-Dichloroethane
Concen: 10.888 ppbv
RT: 5.809 min Scan# 995
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

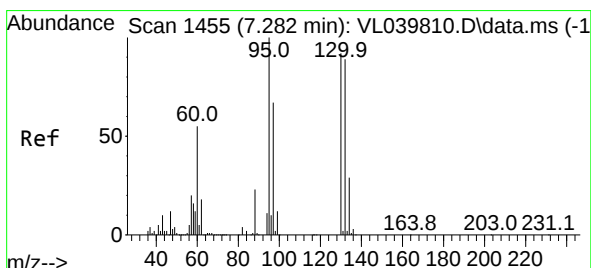
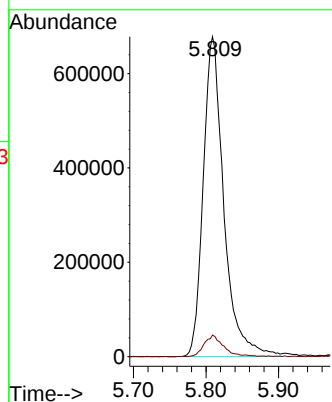
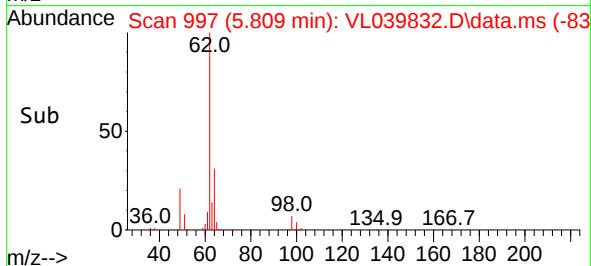
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1333784
Ion Ratio Lower Upper
62 100
98 6.5 5.4 8.2

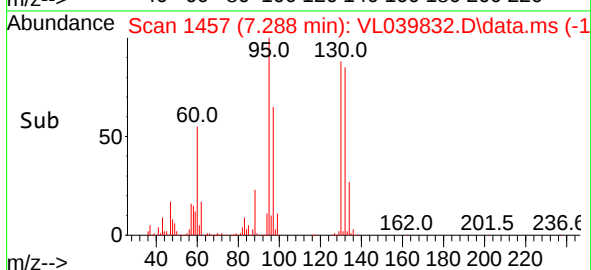
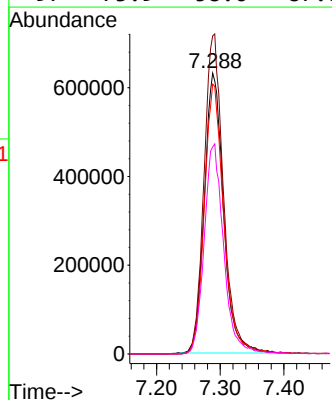
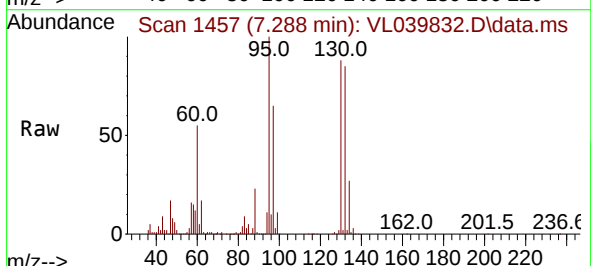
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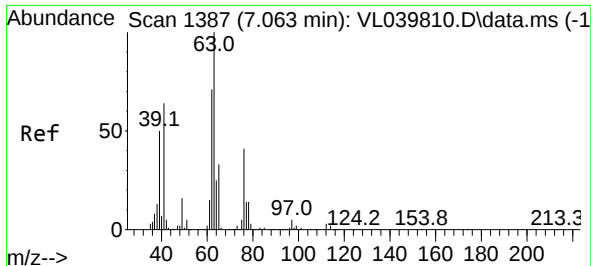
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#38
Trichloroethene
Concen: 9.694 ppbv
RT: 7.288 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion:130 Resp: 1324810
Ion Ratio Lower Upper
130 100
95 113.6 87.4 131.2
132 96.3 77.7 116.5
97 73.9 58.6 87.8





#39

1,2-Dichloropropane

Concen: 9.672 ppbv

RT: 7.073 min Scan# 1387

Delta R.T. 0.010 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 96216

Ion Ratio Lower Upper

63 100

41 66.8 51.0 76.4

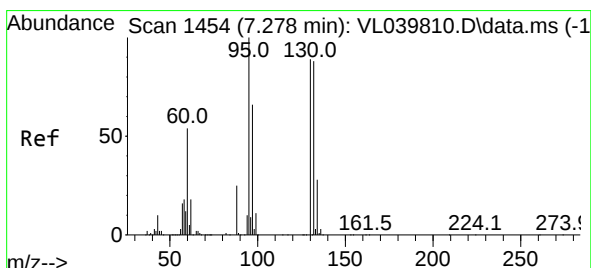
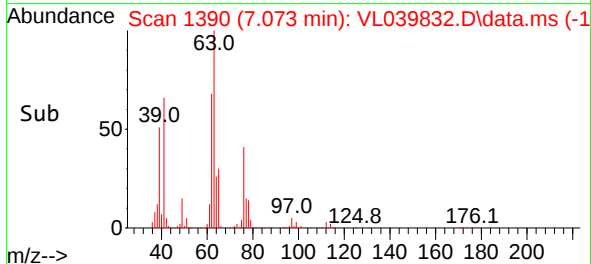
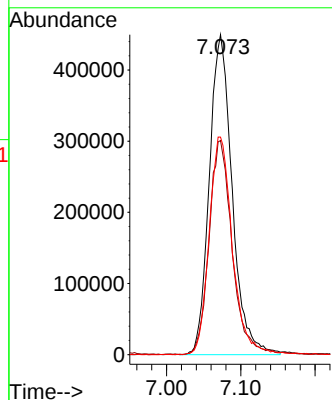
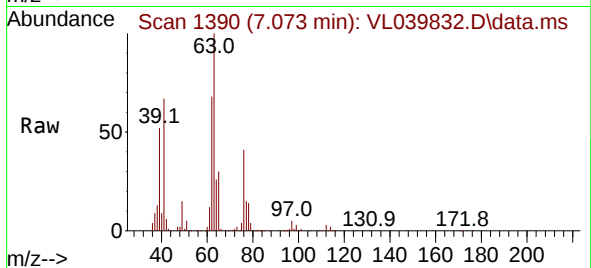
62 67.9 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#40

1,4-Dioxane

Concen: 9.917 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.006 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

Tgt Ion: 88 Resp: 377780

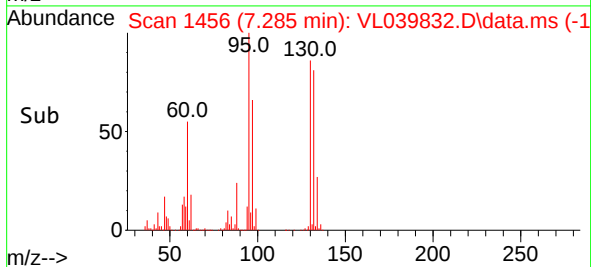
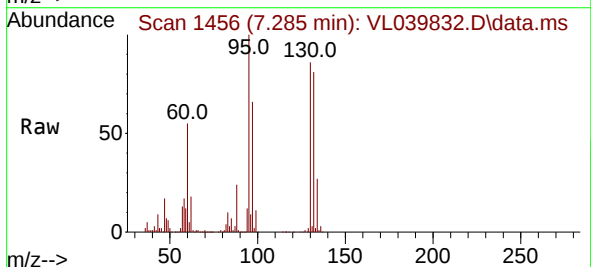
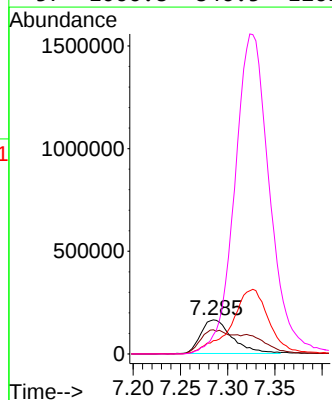
Ion Ratio Lower Upper

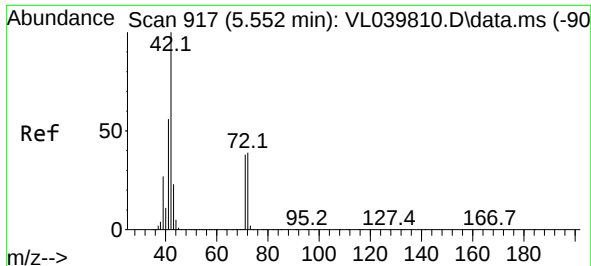
88 100

58 123.9 99.5 149.3

43 236.0 189.7 284.5

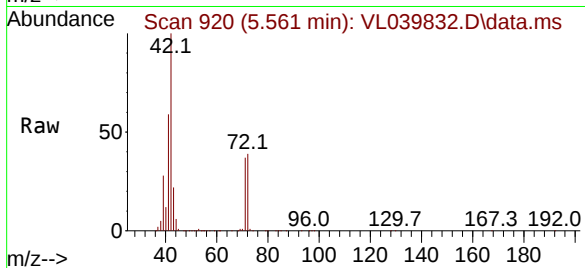
57 1066.8 846.5 1269.7





#41
Tetrahydrofuran
Concen: 9.428 ppbv
RT: 5.561 min Scan# 917
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

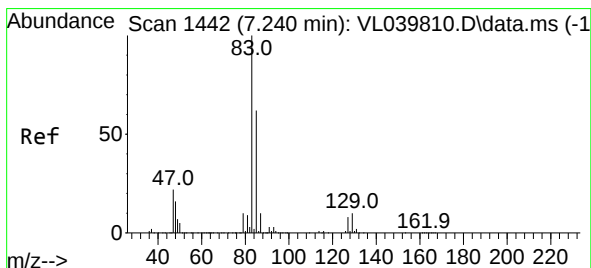
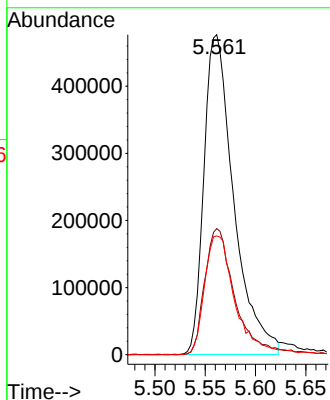
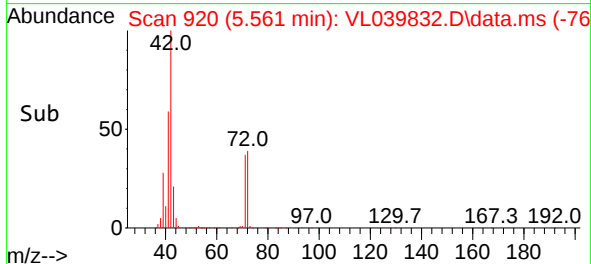
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 983938
Ion Ratio Lower Upper
42 100
72 40.8 31.4 47.2
71 38.8 31.5 47.3

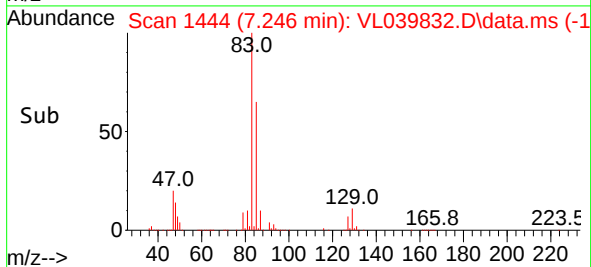
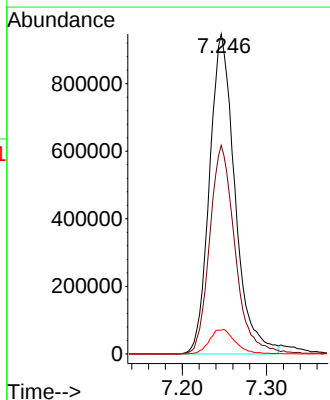
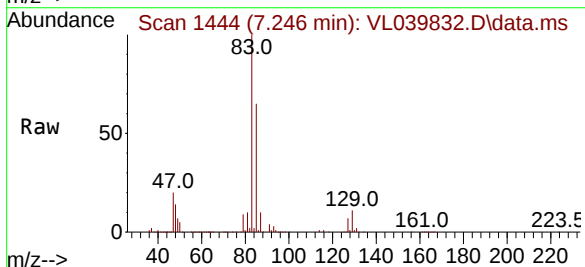
Manual Integrations
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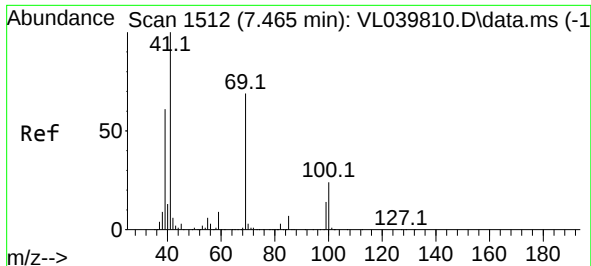
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#42
Bromodichloromethane
Concen: 10.145 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 83 Resp: 1984946
Ion Ratio Lower Upper
83 100
85 65.2 49.9 74.9
127 7.5 6.4 9.6





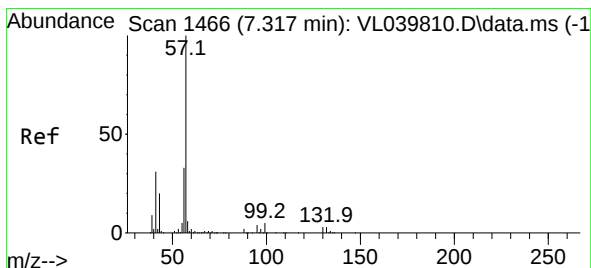
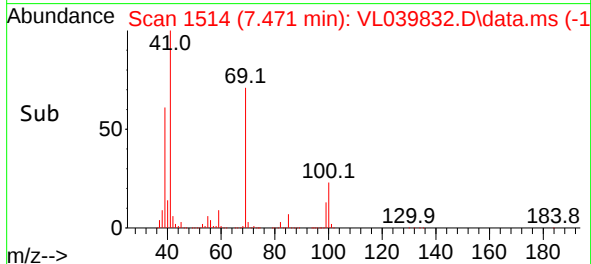
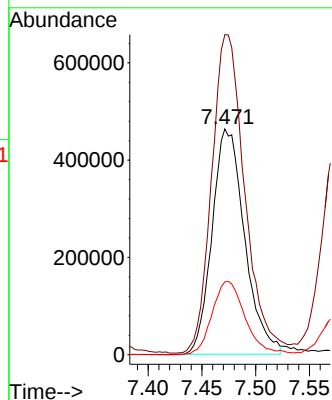
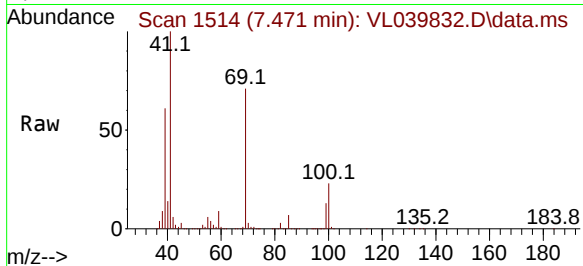
#43
Methyl Methacrylate
Concen: 9.658 ppbv
RT: 7.471 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 974600
Ion Ratio Lower Upper
69 100
41 145.0 115.7 173.5
100 33.4 25.9 38.9

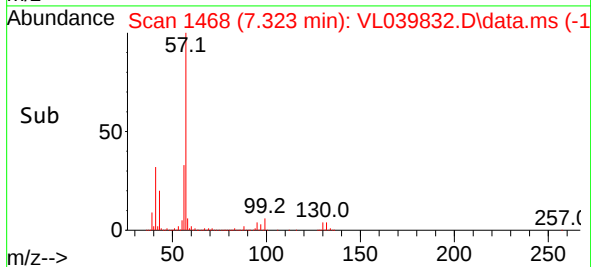
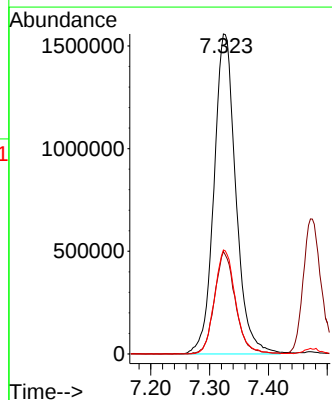
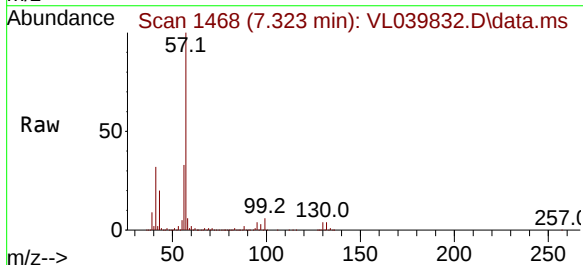
Manual Integrations
APPROVED

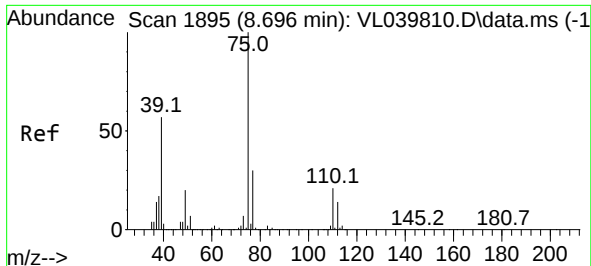
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#44
2,2,4-Trimethylpentane
Concen: 9.323 ppbv
RT: 7.323 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 57 Resp: 4017729
Ion Ratio Lower Upper
57 100
41 30.4 24.6 36.8
56 31.5 25.4 38.0





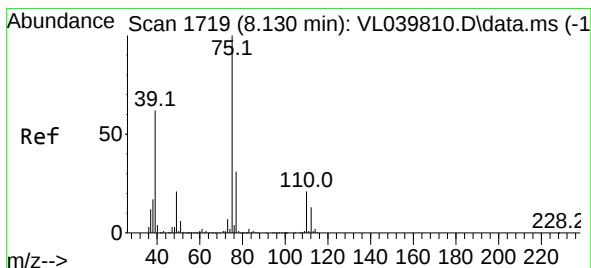
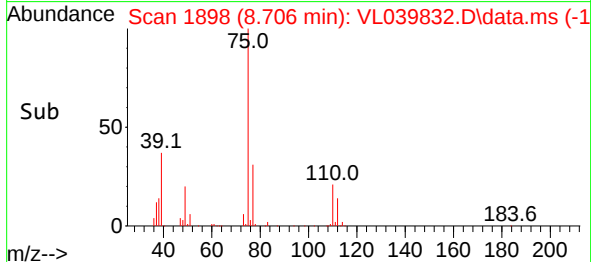
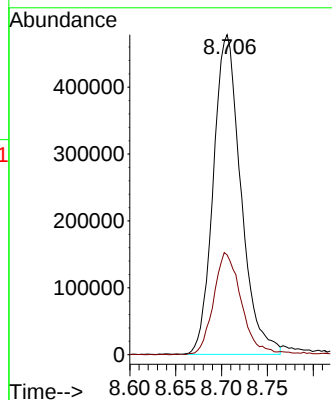
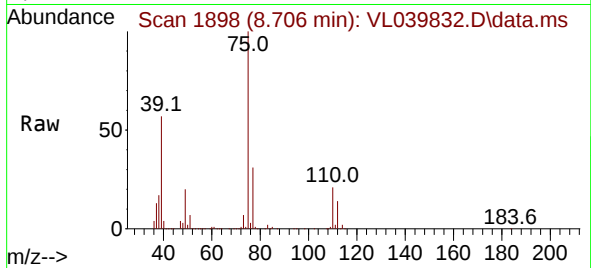
#45
t-1,3-Dichloropropene
Concen: 10.355 ppbv
RT: 8.706 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 100088
Ion Ratio Lower Upper
75 100
77 31.2 24.4 36.6

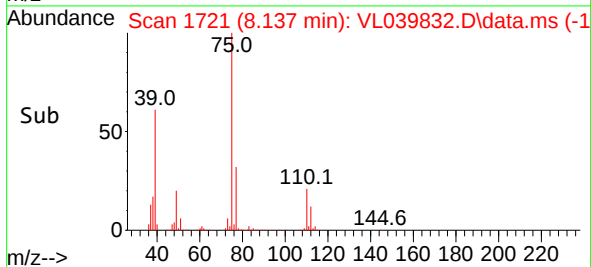
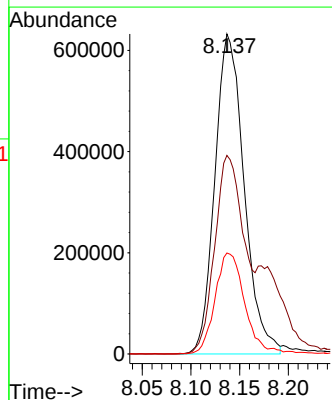
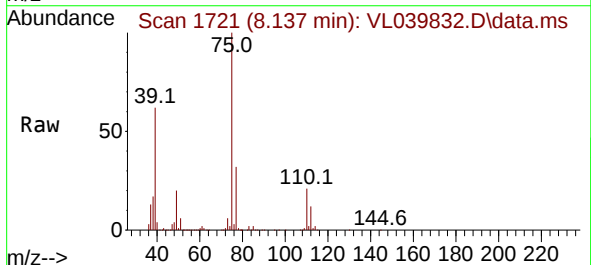
Manual Integrations
APPROVED

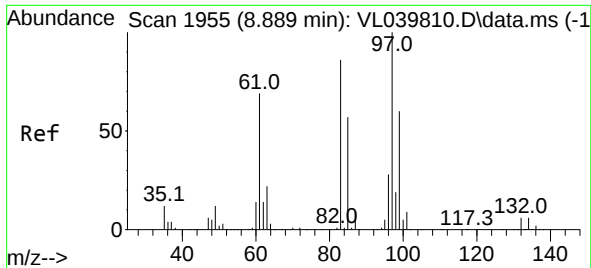
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#46
cis-1,3-Dichloropropene
Concen: 10.015 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

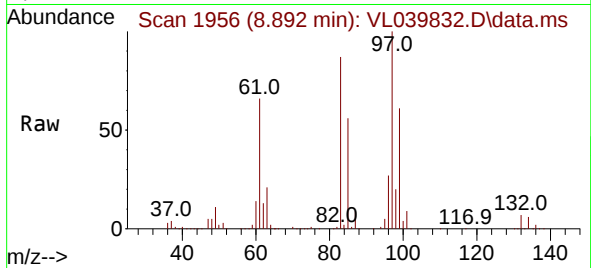
Tgt Ion: 75 Resp: 1321334
Ion Ratio Lower Upper
75 100
39 61.8 50.0 75.0
77 31.5 25.1 37.7





#47
1,1,2-Trichloroethane
Concen: 9.880 ppbv
RT: 8.892 min Scan# 1955
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

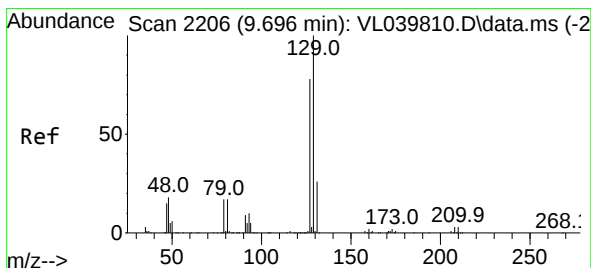
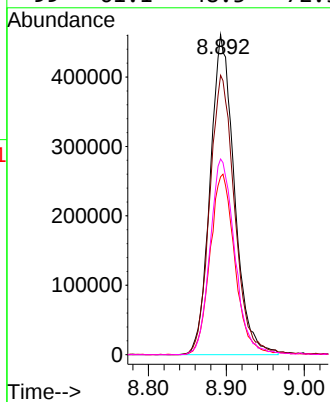
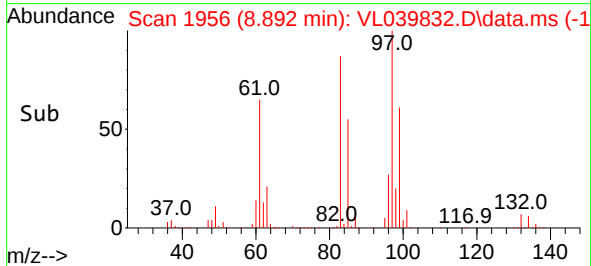
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



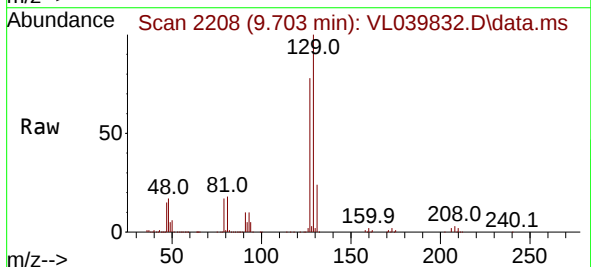
Tgt Ion: 97 Resp: 99521
Ion Ratio Lower Upper
97 100
83 87.3 68.8 103.2
85 55.6 45.8 68.6
99 61.1 48.3 72.5

Manual Integrations
APPROVED

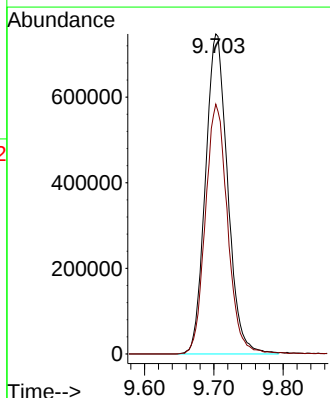
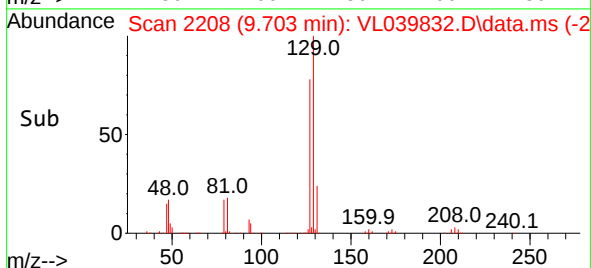
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

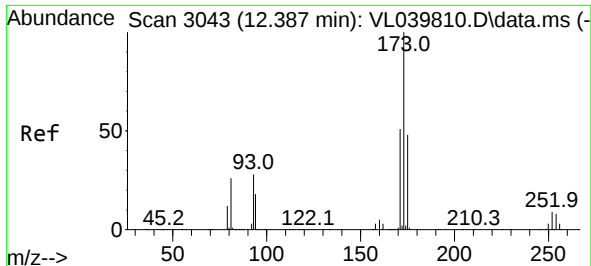


#48
Dibromochloromethane
Concen: 9.688 ppbv
RT: 9.703 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



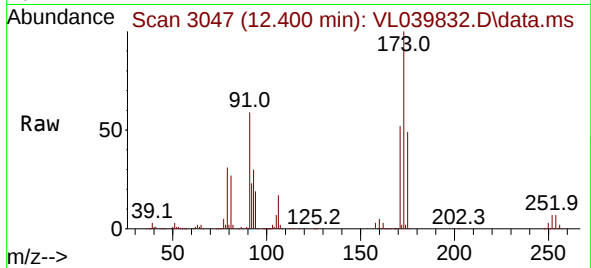
Tgt Ion:129 Resp: 1662914
Ion Ratio Lower Upper
129 100
127 78.3 39.4 118.1





#49
Bromoform
Concen: 9.021 ppbv
RT: 12.400 min Scan# 3043
Delta R.T. 0.013 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

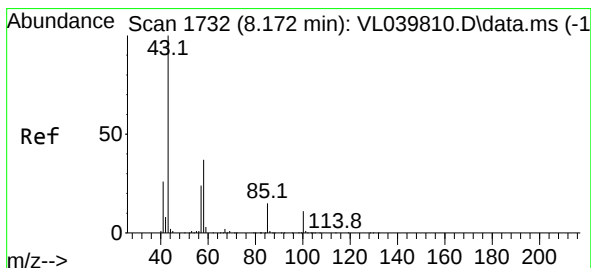
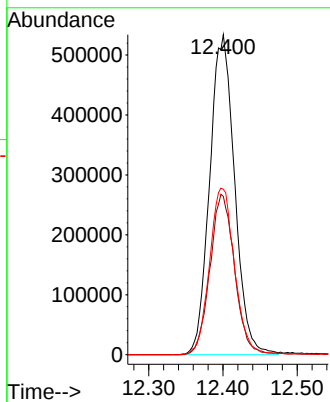
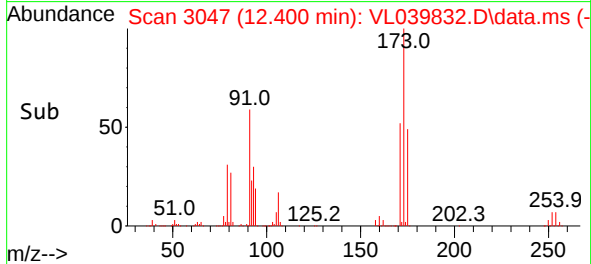
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 173 Resp: 1244569
Ion Ratio Lower Upper
173 100
175 49.8 39.7 59.5
171 52.6 41.7 62.5

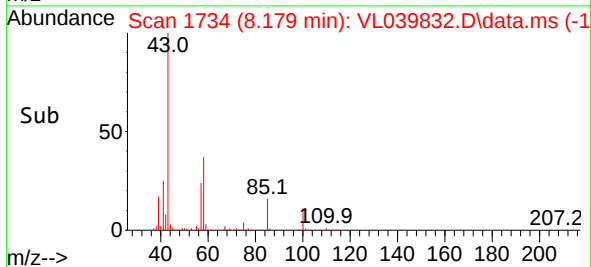
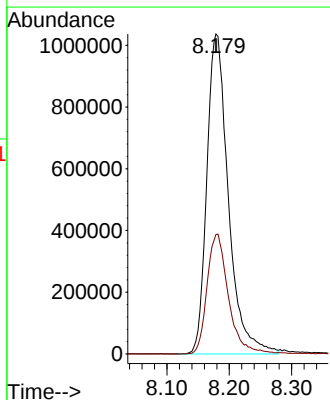
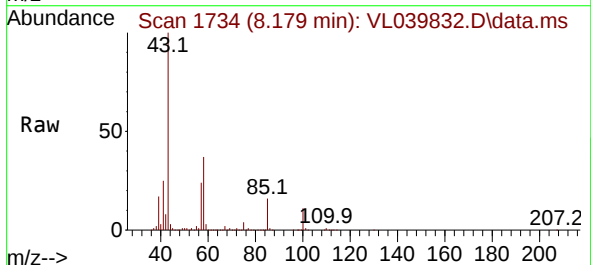
Manual Integrations
APPROVED

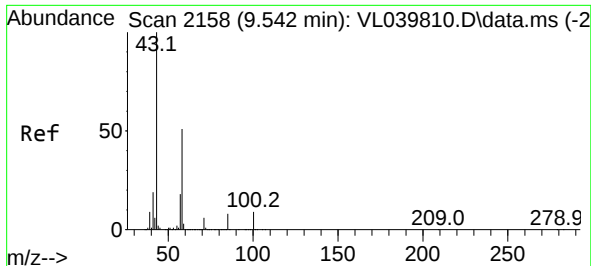
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#50
4-Methyl-2-Pentanone
Concen: 9.738 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

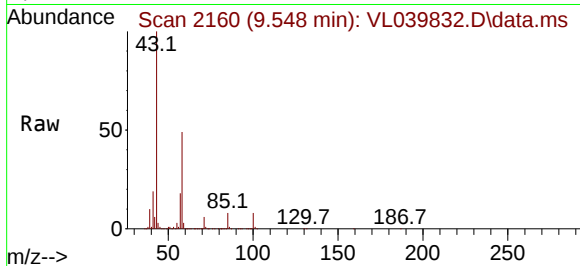
Tgt Ion: 43 Resp: 2489462
Ion Ratio Lower Upper
43 100
58 37.6 29.8 44.6





#51
2-Hexanone
Concen: 9.831 ppbv
RT: 9.548 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

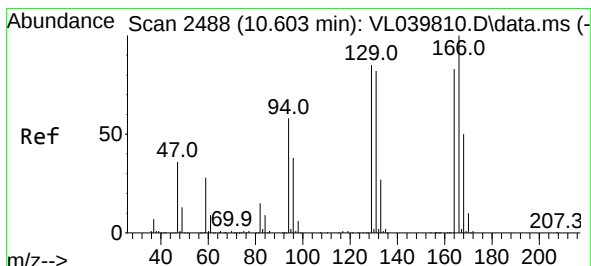
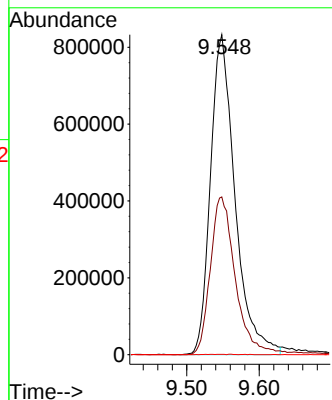
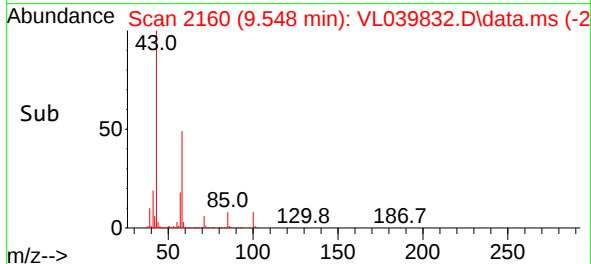
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 195965
Ion Ratio Lower Upper
43 100
58 51.3 40.5 60.7
98 0.2 0.1 0.1

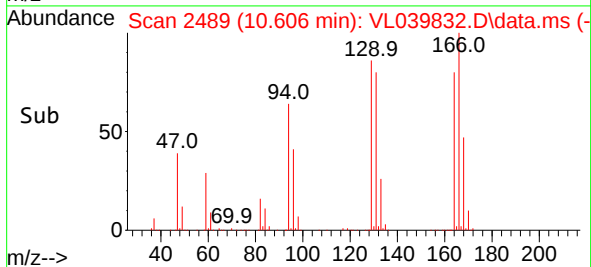
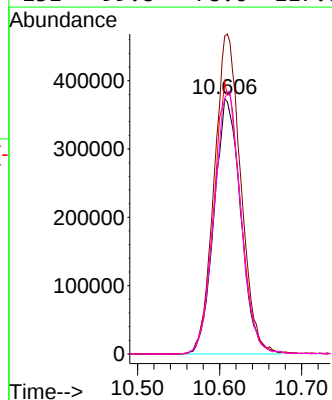
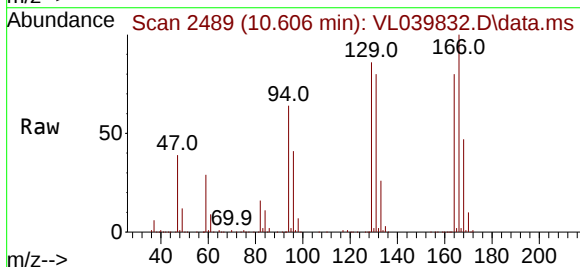
Manual Integrations
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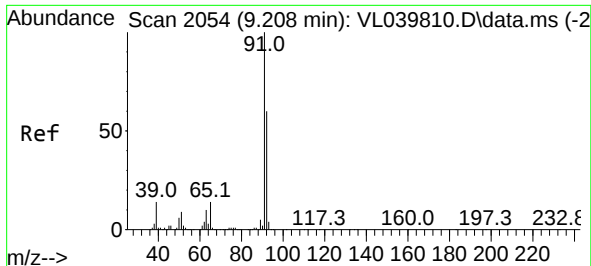
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#52
Tetrachloroethene
Concen: 8.794 ppbv
RT: 10.606 min Scan# 2489
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion:164 Resp: 841199
Ion Ratio Lower Upper
164 100
166 124.5 96.0 144.0
129 106.7 81.4 122.2
131 99.8 78.6 117.8





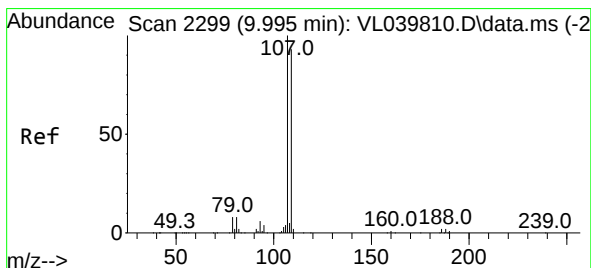
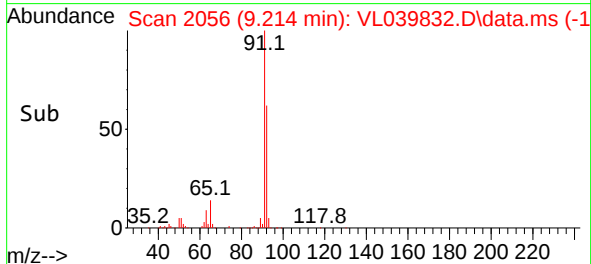
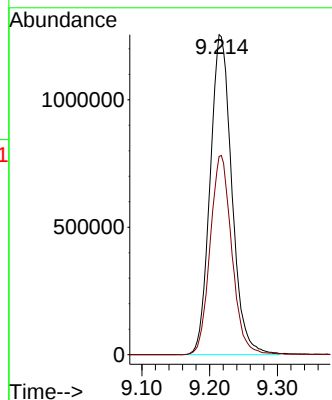
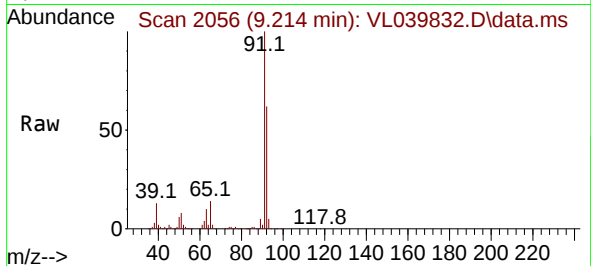
#53
Toluene
Concen: 9.537 ppbv
RT: 9.214 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2793510
Ion Ratio Lower Upper
91 100
92 62.3 49.6 74.4

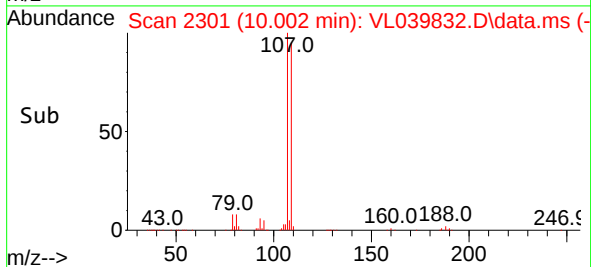
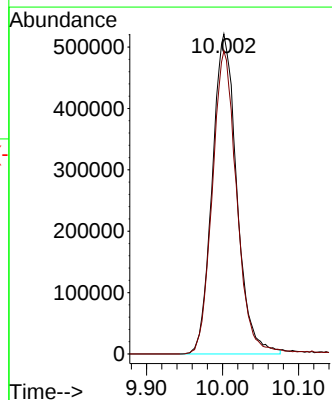
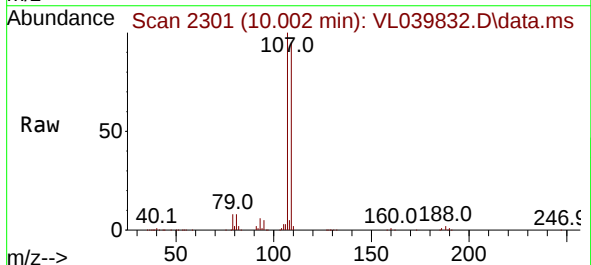
Manual Integrations
APPROVED

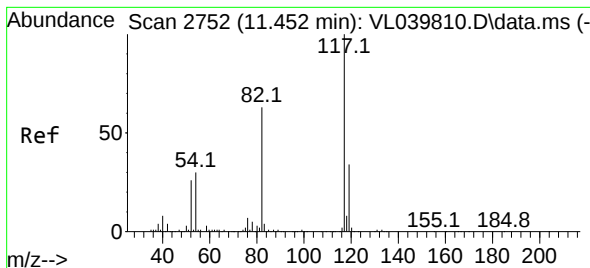
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#54
1,2-Dibromoethane
Concen: 10.450 ppbv
RT: 10.002 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

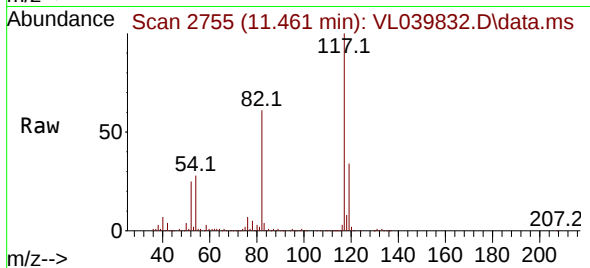
Tgt Ion:107 Resp: 1168318
Ion Ratio Lower Upper
107 100
109 94.7 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.461 min Scan# 2755
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

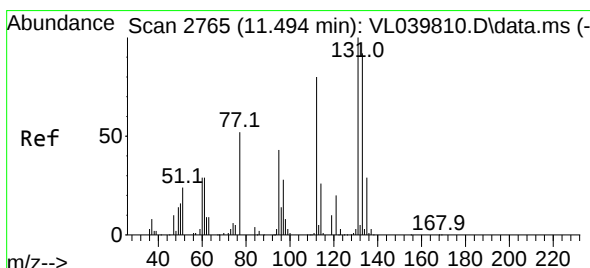
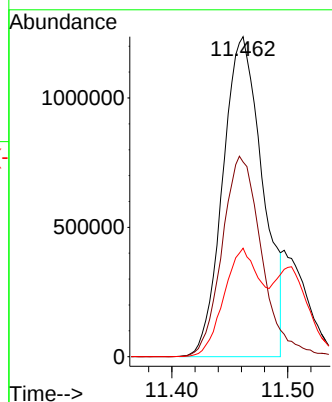
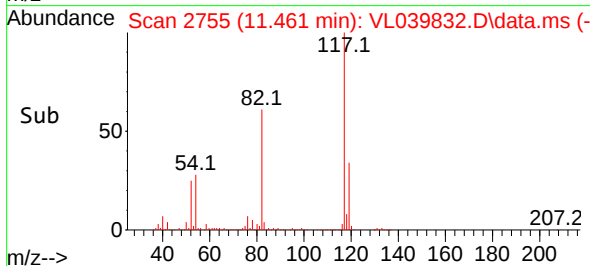
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



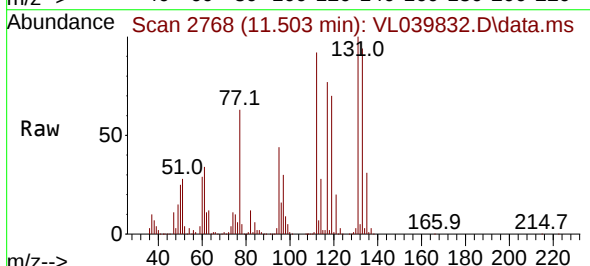
Tgt Ion:117 Resp: 2963500
Ion Ratio Lower Upper
117 100
82 62.8 51.0 76.6
119 31.9 24.7 37.1

Manual Integrations
APPROVED

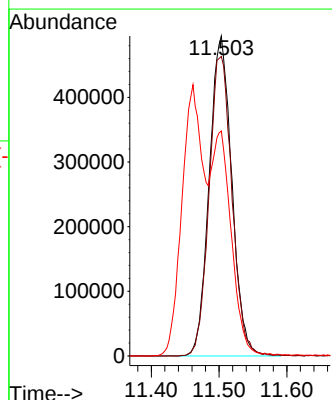
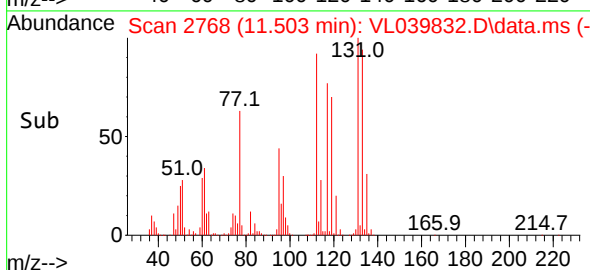
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

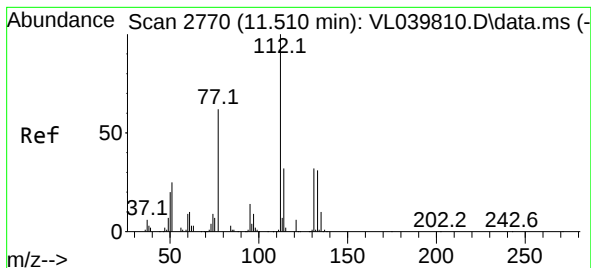


#56
1,1,1,2-Tetrachloroethane
Concen: 9.016 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



Tgt Ion:131 Resp: 1142401
Ion Ratio Lower Upper
131 100
133 95.5 76.9 115.3
119 62.4 52.2 78.2





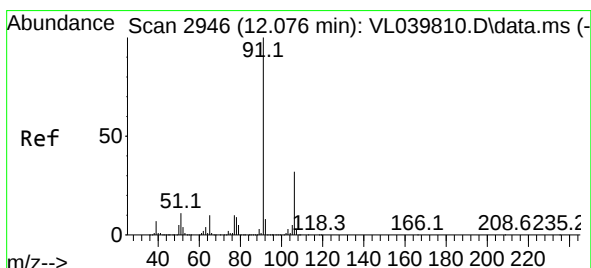
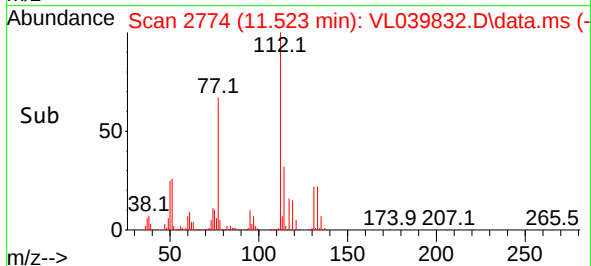
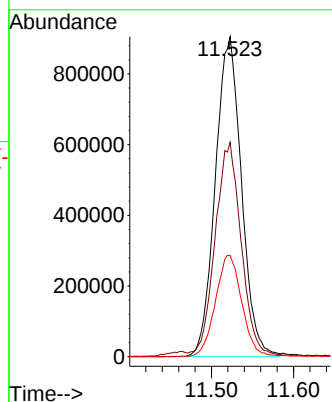
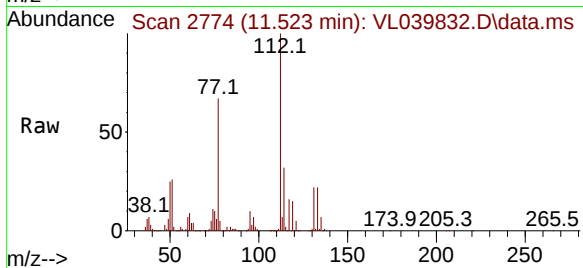
#57
Chlorobenzene
Concen: 8.911 ppbv
RT: 11.523 min Scan# 211
Delta R.T. 0.013 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:112 Resp: 200309
Ion Ratio Lower Upper
112 100
77 66.3 49.8 74.6
114 31.5 29.0 35.4

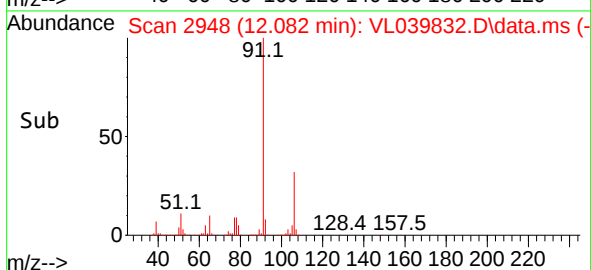
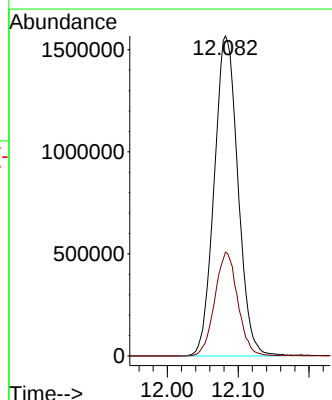
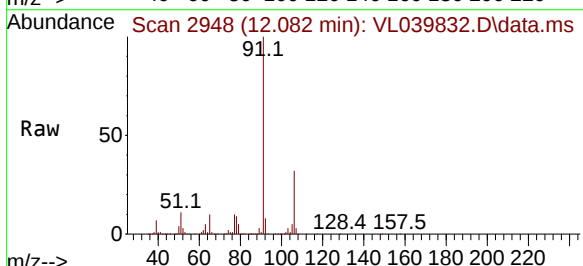
Manual Integrations
APPROVED

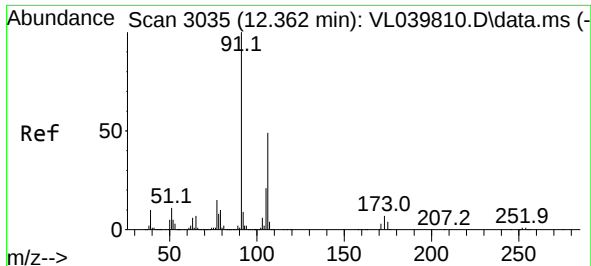
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#58
Ethyl Benzene
Concen: 9.117 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 91 Resp: 3653132
Ion Ratio Lower Upper
91 100
106 32.4 25.9 38.9





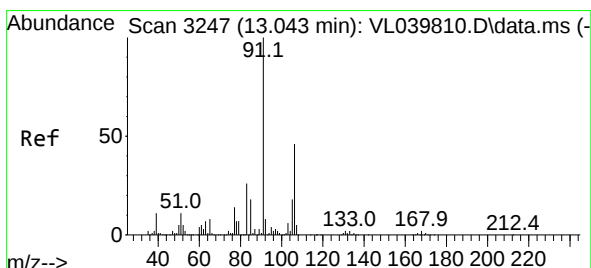
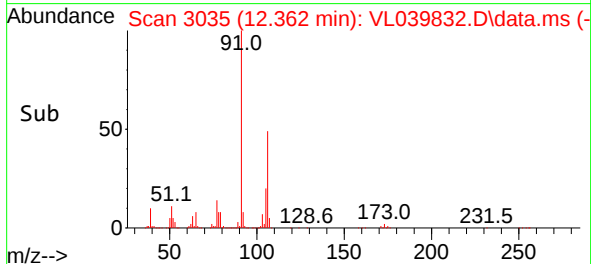
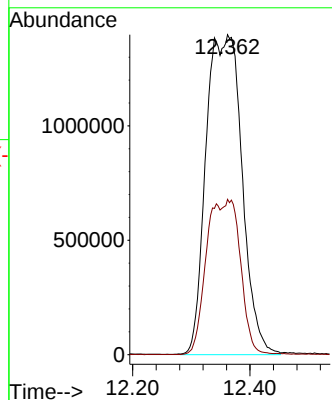
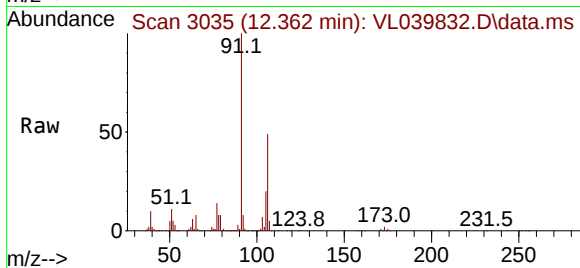
#59
m/p-Xylene
Concen: 17.796 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. 0.000 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5952518
Ion Ratio Lower Upper
91 100
106 45.8 37.6 56.4

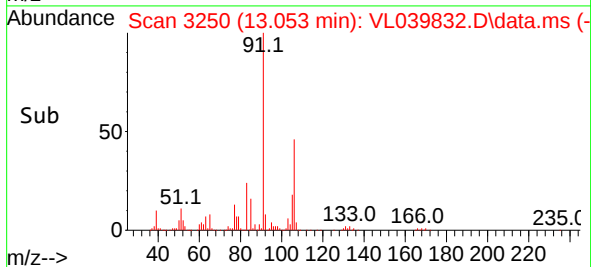
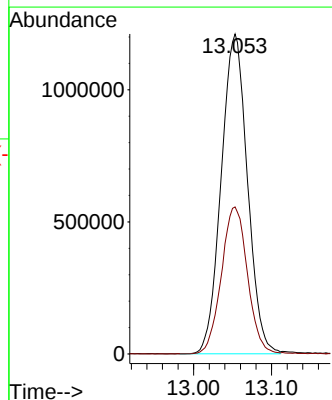
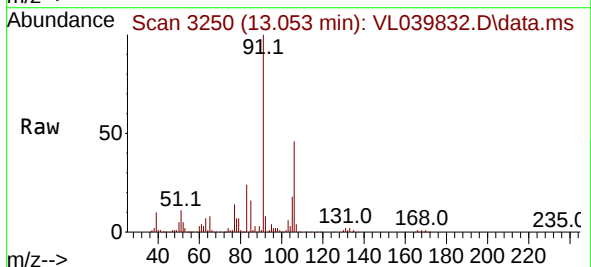
Manual Integrations
APPROVED

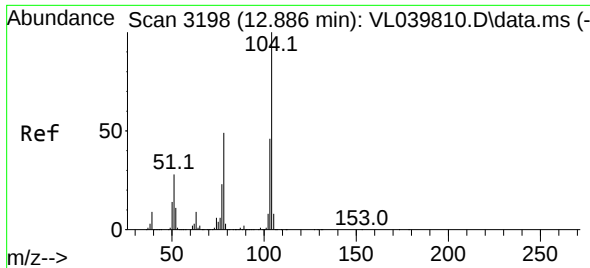
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#60
o-Xylene
Concen: 8.939 ppbv
RT: 13.053 min Scan# 3250
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 91 Resp: 2832715
Ion Ratio Lower Upper
91 100
106 45.9 23.6 70.8





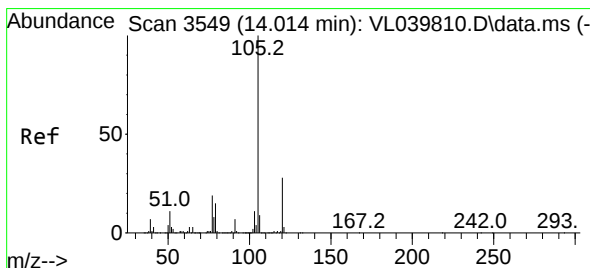
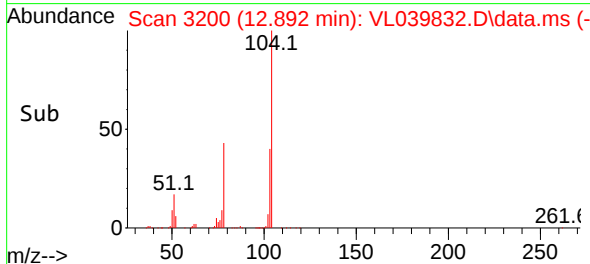
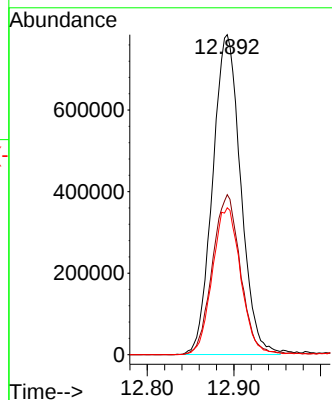
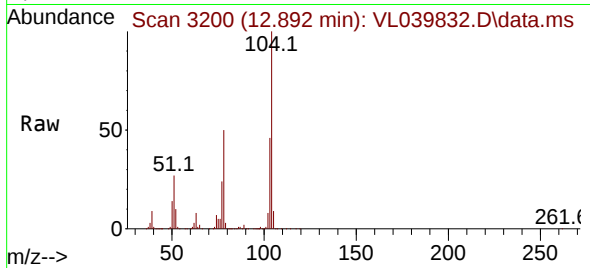
#61
Styrene
Concen: 9.057 ppbv
RT: 12.892 min Scan# 3198
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1766018
Ion Ratio Lower Upper
104 100
78 50.6 40.2 60.2
103 46.8 37.5 56.3

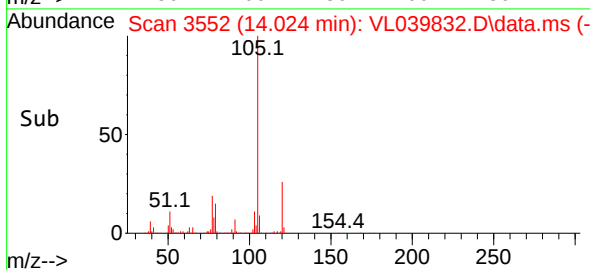
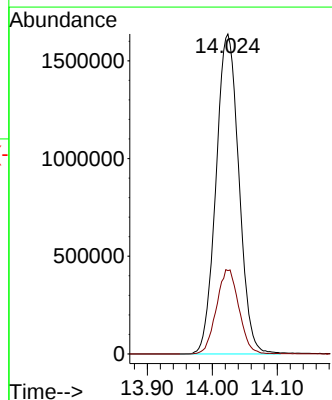
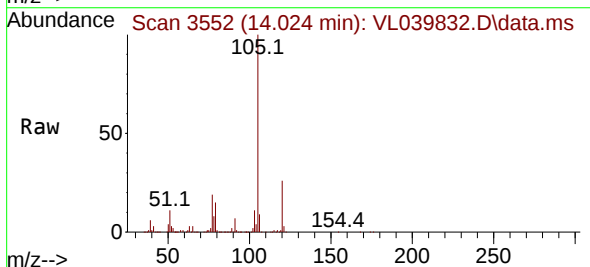
Manual Integrations
APPROVED

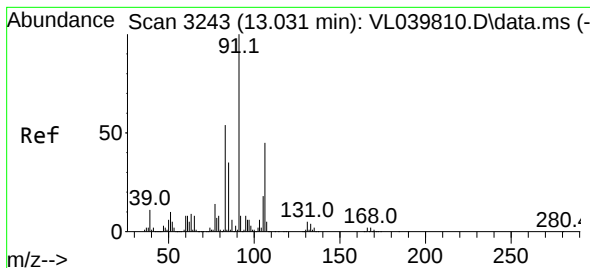
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#62
Isopropylbenzene
Concen: 8.645 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

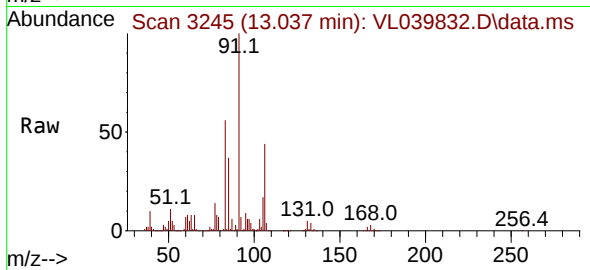
Tgt Ion:105 Resp: 3996131
Ion Ratio Lower Upper
105 100
120 26.0 21.7 32.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.293 ppbv
RT: 13.037 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

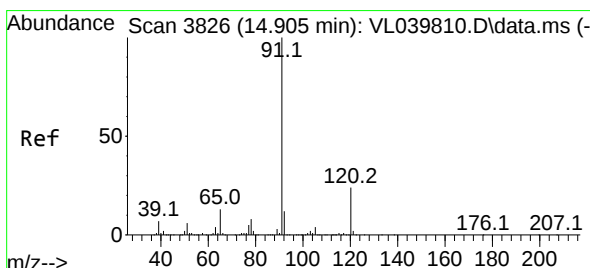
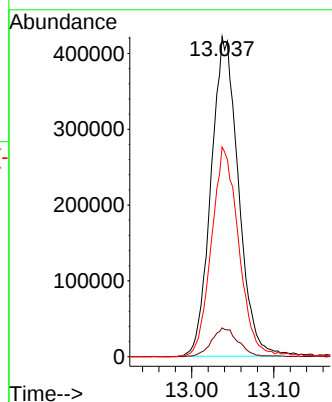
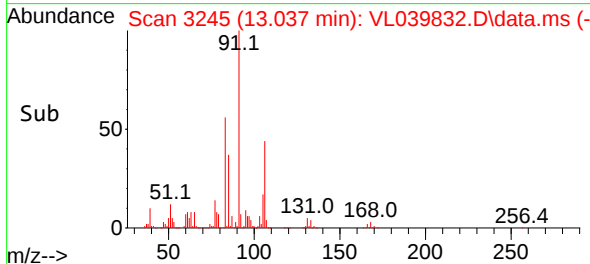
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



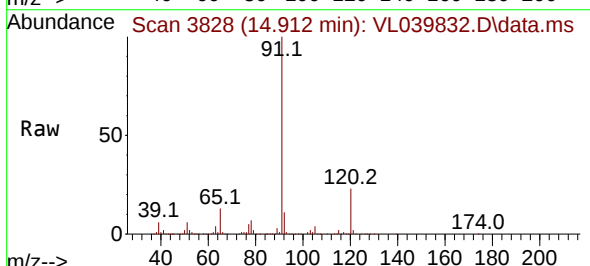
Tgt Ion: 83 Resp: 978639
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 66.1 33.3 99.9

Manual Integrations
APPROVED

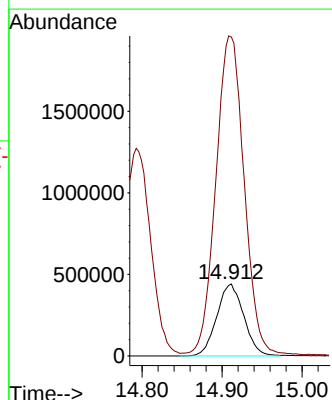
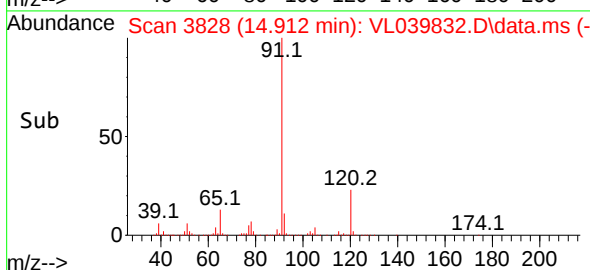
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

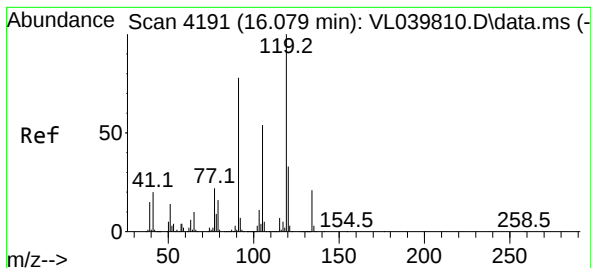


#64
n-propylbenzene
Concen: 8.355 ppbv
RT: 14.912 min Scan# 3828
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



Tgt Ion:120 Resp: 1033160
Ion Ratio Lower Upper
120 100
91 470.0 354.9 532.3





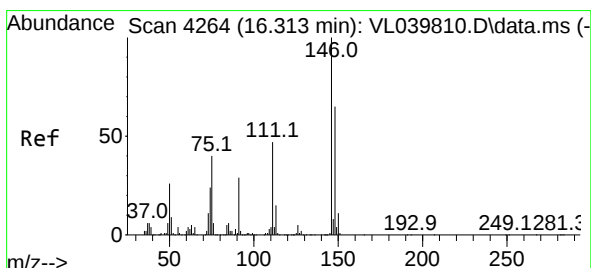
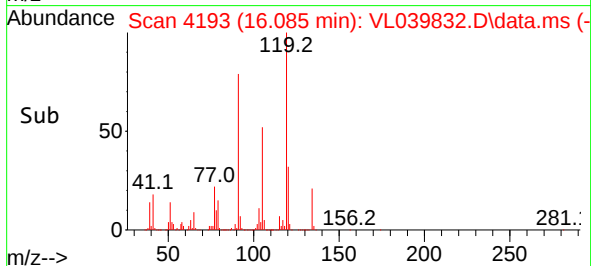
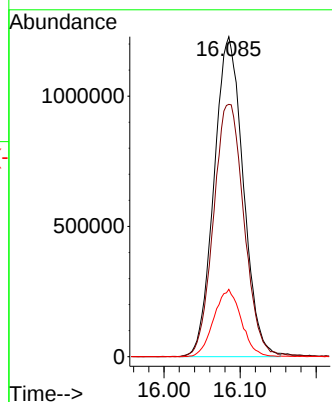
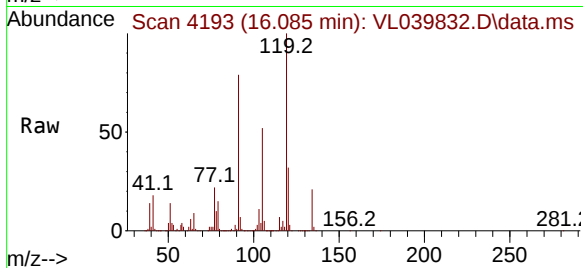
#65
tert-Butylbenzene
Concen: 8.063 ppbv
RT: 16.085 min Scan# 4191
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 327267
Ion Ratio Lower Upper
119 100
91 82.7 63.7 95.5
134 19.9 16.2 24.4

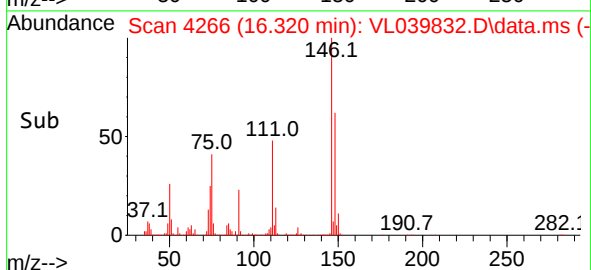
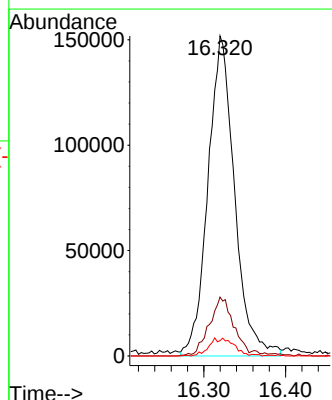
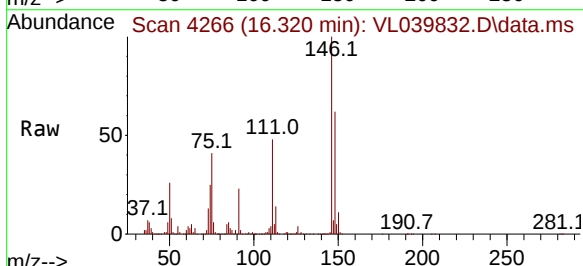
Manual Integrations
APPROVED

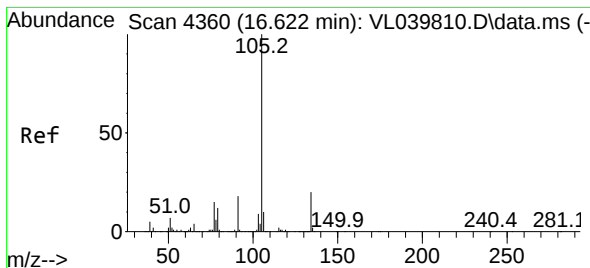
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#66
Benzyl Chloride
Concen: 7.270 ppbv m
RT: 16.320 min Scan# 4266
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

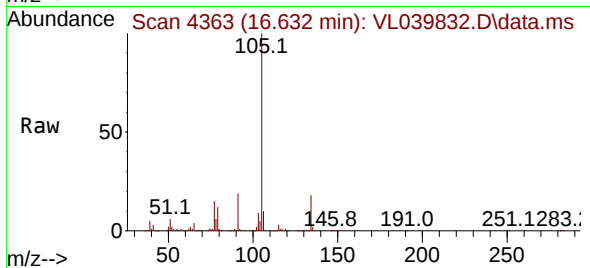
Tgt Ion: 91 Resp: 343067
Ion Ratio Lower Upper
91 100
126 17.9 15.6 23.4
128 5.4 4.9 7.3





#67
 sec-Butylbenzene
 Concen: 8.377 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.010 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19

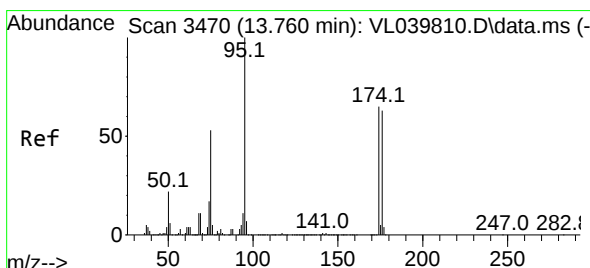
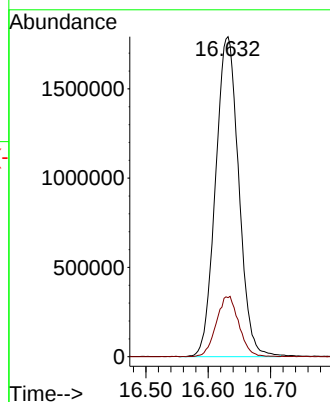
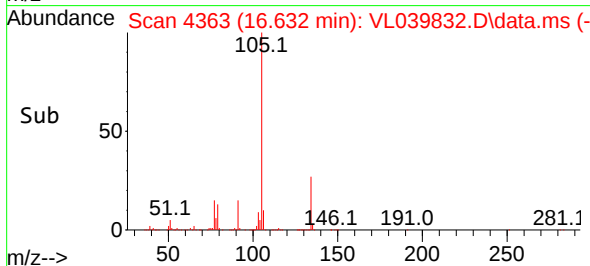
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



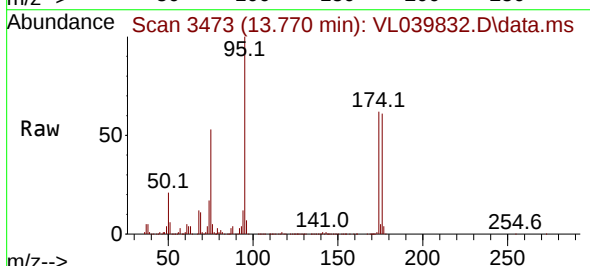
Tgt Ion:105 Resp: 462828
 Ion Ratio Lower Upper
 105 100
 134 18.5 15.1 22.7

Manual Integrations
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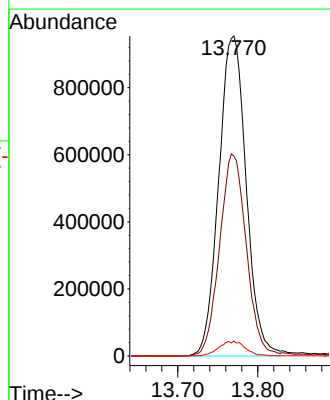
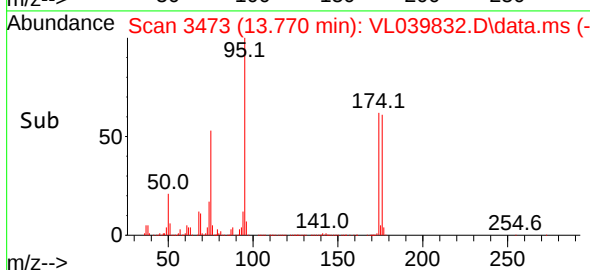
Reviewed By :Semsettin Yesilyurt 11/08/2022
 Supervised By :Mahesh Dadoda 11/09/2022

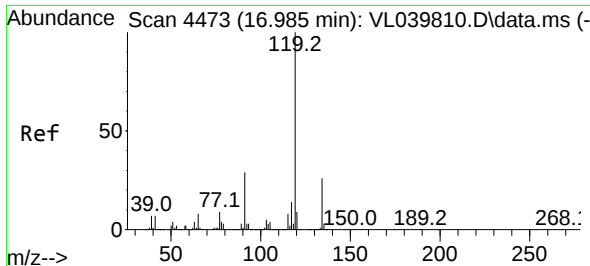


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.219 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.010 min
 Lab File: VL039832.D
 Acq: 7 Nov 2022 9:19



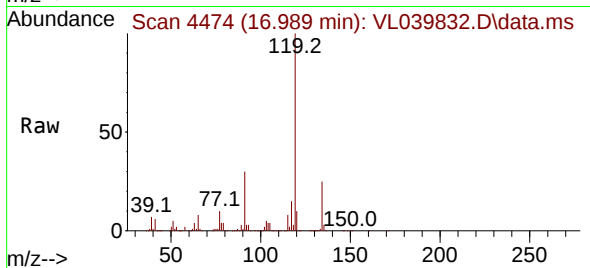
Tgt Ion: 95 Resp: 2266784
 Ion Ratio Lower Upper
 95 100
 174 62.1 53.4 80.0
 175 4.6 4.1 6.1





#69
p-Isopropyltoluene
Concen: 8.040 ppbv
RT: 16.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

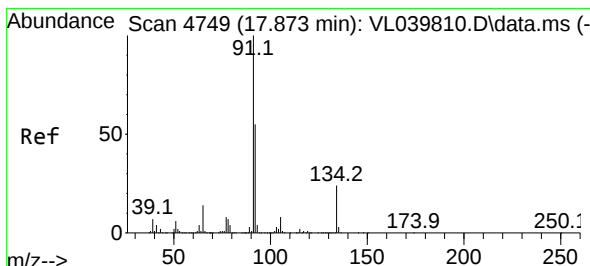
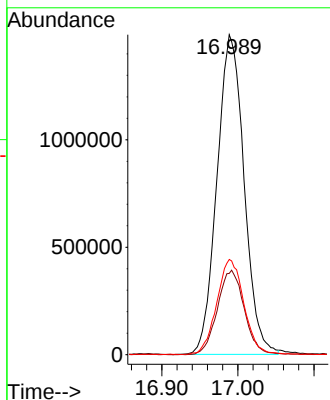
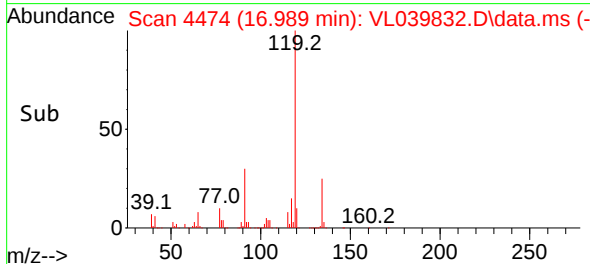
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:119 Resp: 3684550
Ion Ratio Lower Upper
119 100
134 26.3 21.0 31.6
91 29.8 22.8 34.2

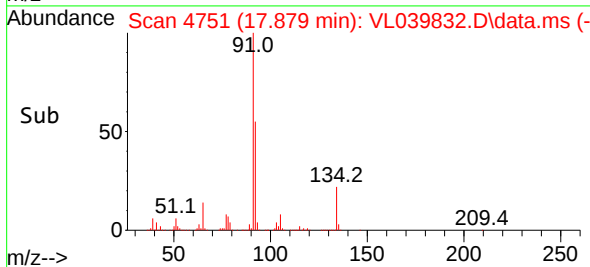
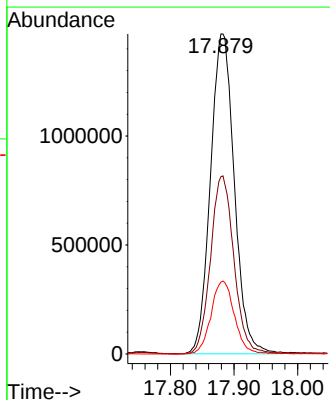
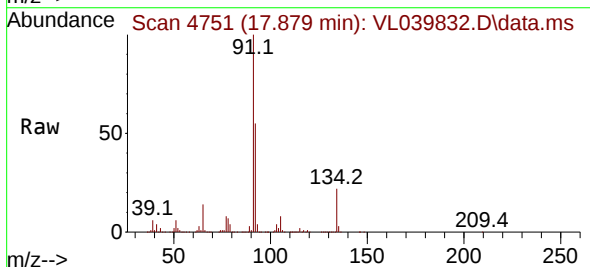
Manual Integrations
APPROVED

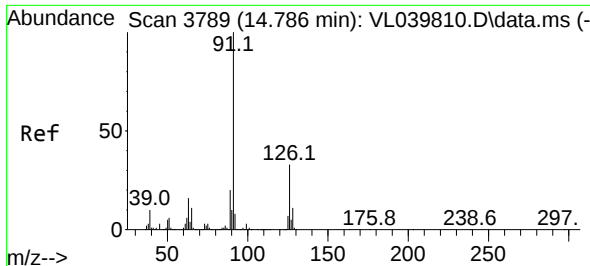
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#70
n-Butylbenzene
Concen: 8.627 ppbv
RT: 17.879 min Scan# 4751
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion: 91 Resp: 3822104
Ion Ratio Lower Upper
91 100
92 54.7 44.1 66.1
134 22.4 19.0 28.6





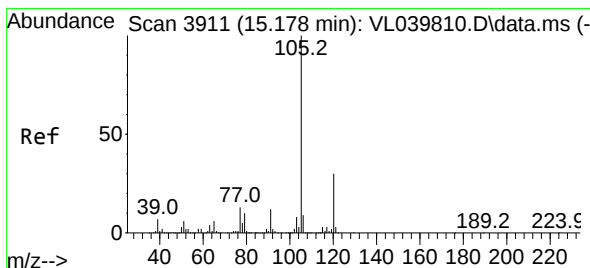
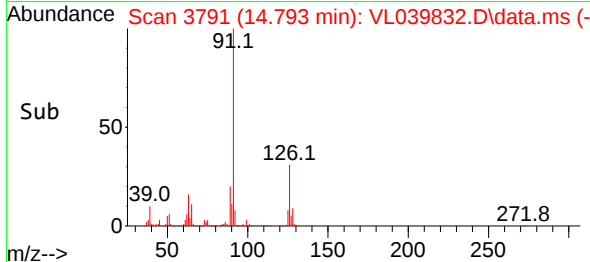
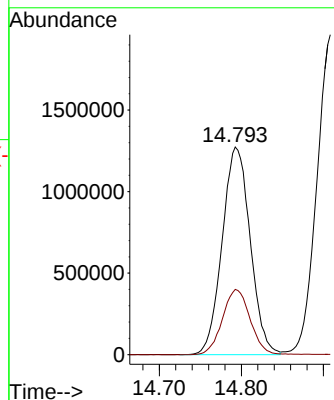
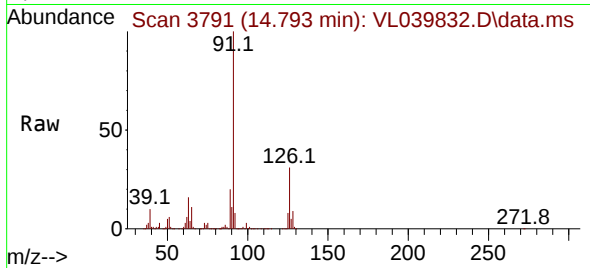
#71
2-Chlorotoluene
Concen: 8.717 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 302769
Ion Ratio Lower Upper
91 100
126 31.2 12.9 51.5

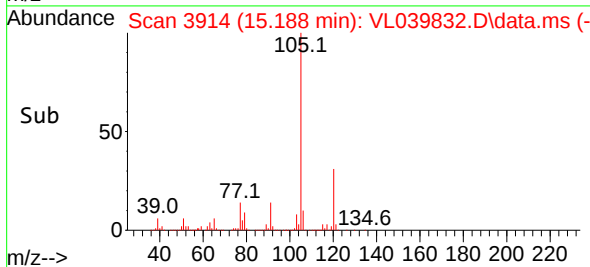
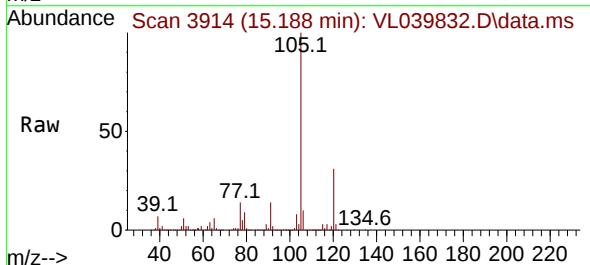
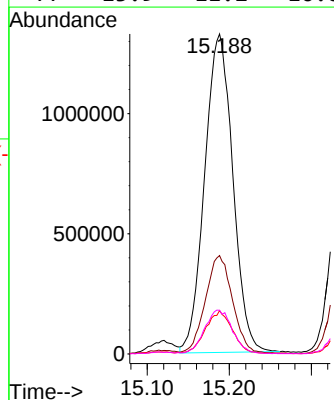
Manual Integrations
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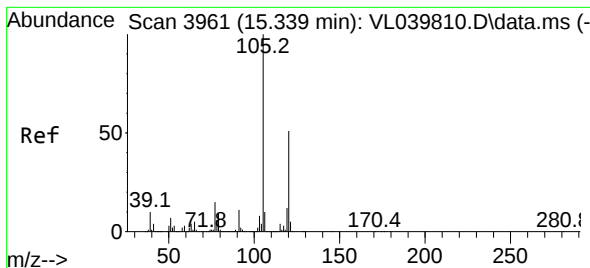
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#72
4-Ethyltoluene
Concen: 8.858 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Tgt Ion:105 Resp: 3160747
Ion Ratio Lower Upper
105 100
120 30.3 26.0 39.0
91 13.0 10.5 15.7
77 13.9 11.2 16.8





#73

1,3,5-Trimethylbenzene

Concen: 8.801 ppbv

RT: 15.346 min Scan# 3961

Delta R.T. 0.006 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 278412

Ion Ratio Lower Upper

105 100

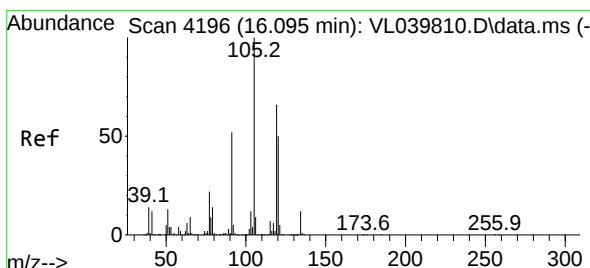
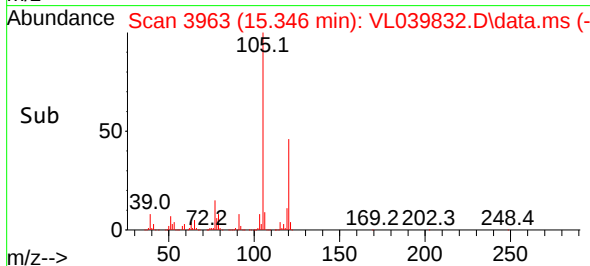
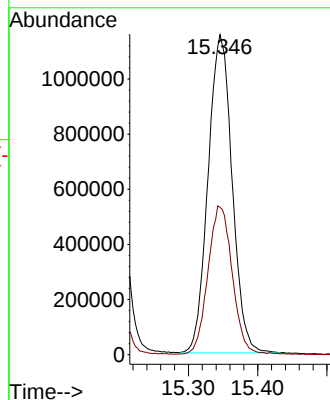
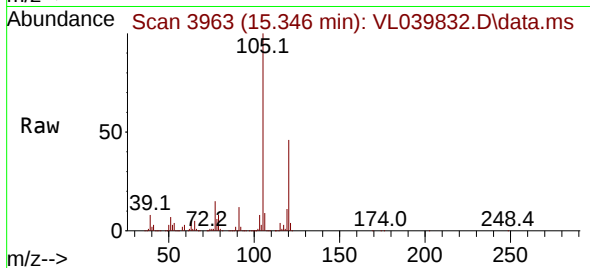
120 46.1 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022

Supervised By :Mahesh Dadoda 11/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 8.550 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.006 min

Lab File: VL039832.D

Acq: 7 Nov 2022 9:19

Tgt Ion:105 Resp: 2873561

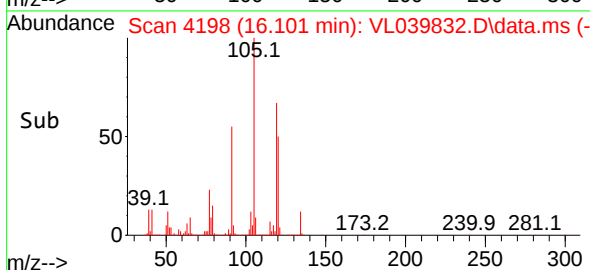
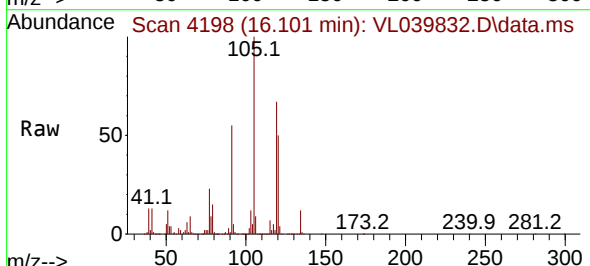
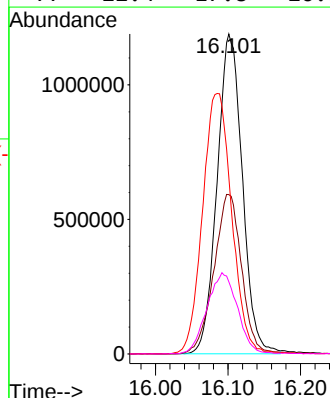
Ion Ratio Lower Upper

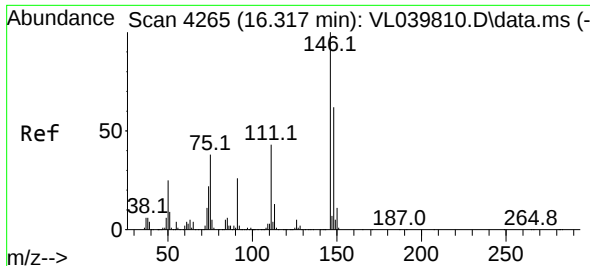
105 100

120 49.7 40.2 60.4

91 54.7 42.6 64.0

77 22.4 17.8 26.8





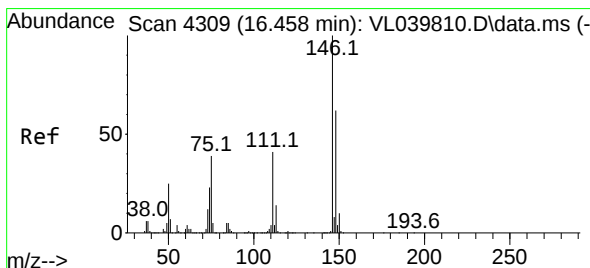
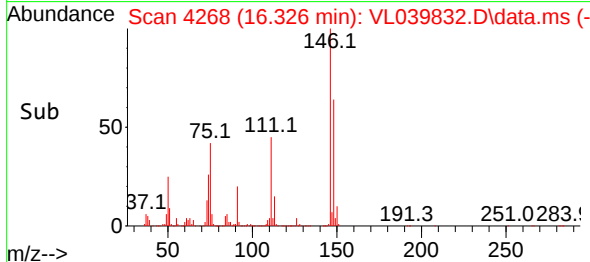
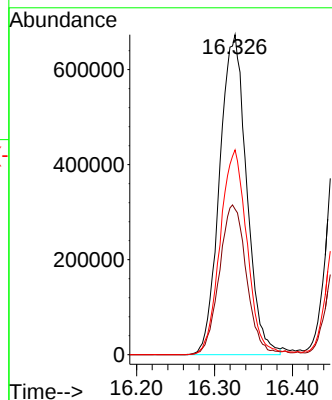
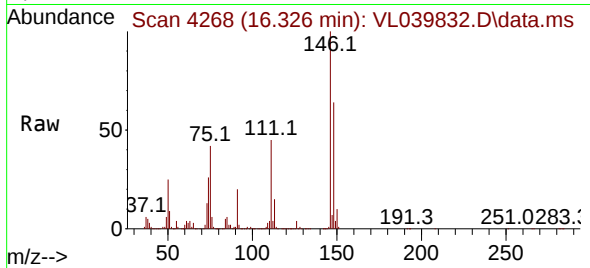
#75
1,3-Dichlorobenzene
Concen: 8.253 ppbv
RT: 16.326 min Scan# 4310
Delta R.T. 0.010 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 161948
Ion Ratio Lower Upper
146 100
111 47.5 22.9 68.8
148 64.1 32.3 96.9

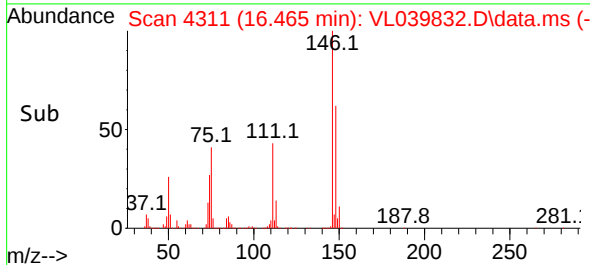
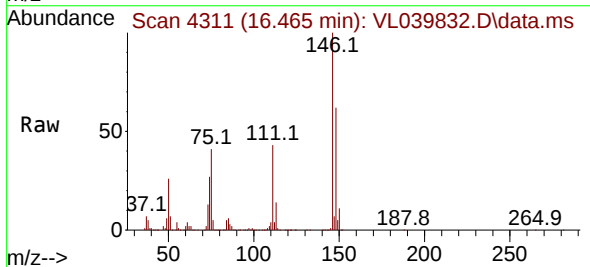
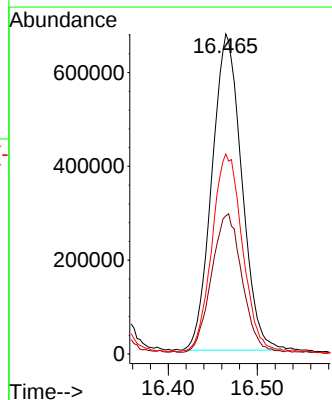
Manual Integrations
APPROVED

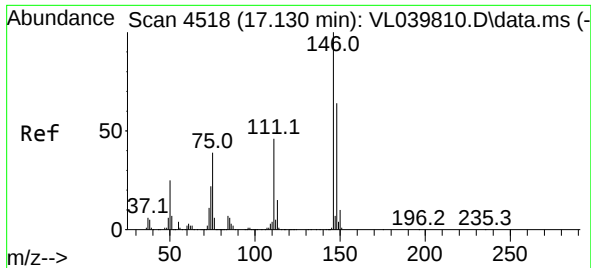
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022



#76
1,4-Dichlorobenzene
Concen: 8.130 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

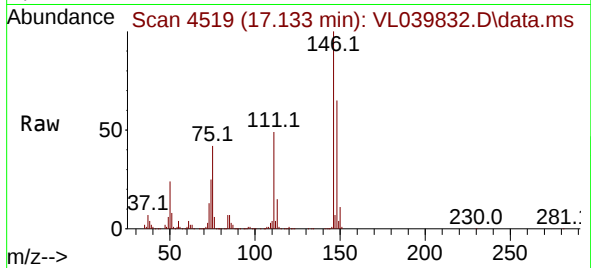
Tgt Ion:146 Resp: 1565449
Ion Ratio Lower Upper
146 100
111 47.2 22.7 68.1
148 66.9 33.1 99.3





#77
1,2-Dichlorobenzene
Concen: 8.320 ppbv
RT: 17.133 min Scan# 4518
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

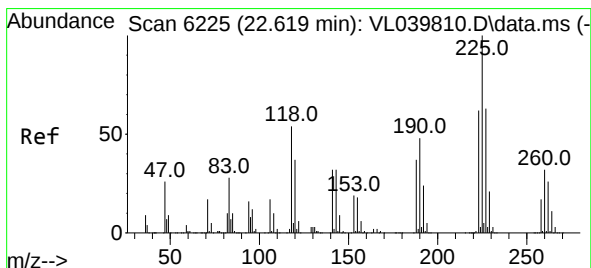
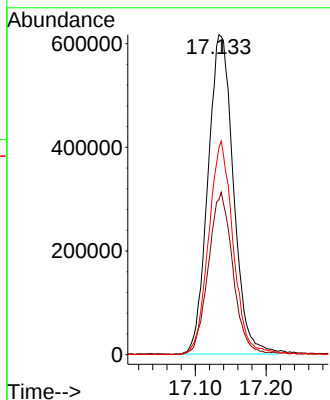
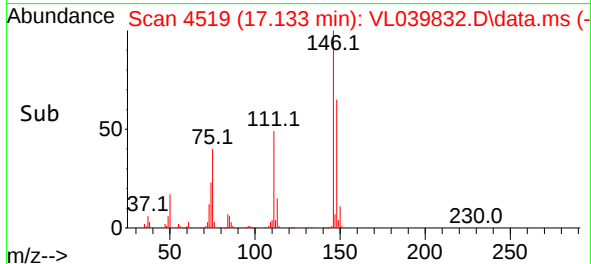
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



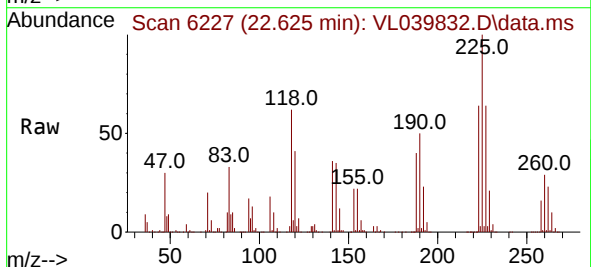
Tgt Ion:146 Resp: 1539074
Ion Ratio Lower Upper
146 100
111 49.0 23.9 71.8
148 64.6 32.4 97.2

Manual Integrations
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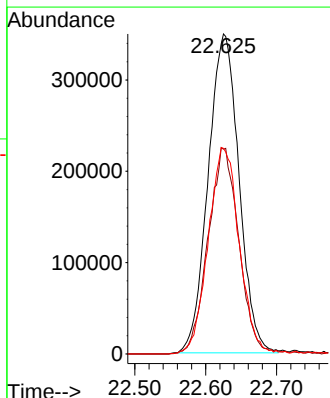
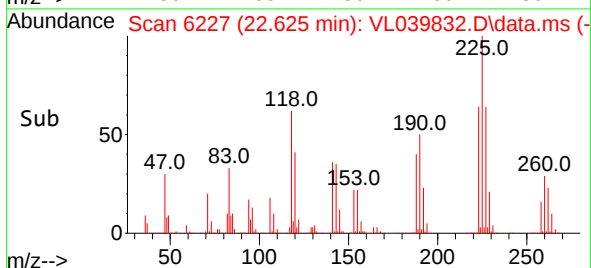
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

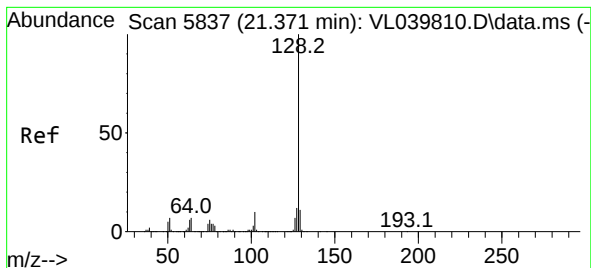


#78
Hexachloro-1,3-Butadiene
Concen: 7.706 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. 0.006 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



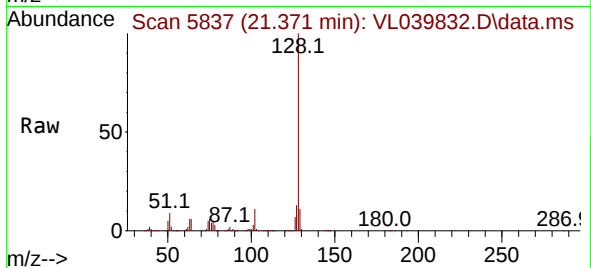
Tgt Ion:225 Resp: 1056230
Ion Ratio Lower Upper
225 100
223 64.9 50.6 75.8
227 65.2 51.6 77.4





#79
Naphthalene
Concen: 9.789 ppbv
RT: 21.371 min Scan# 5837
Delta R.T. 0.000 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

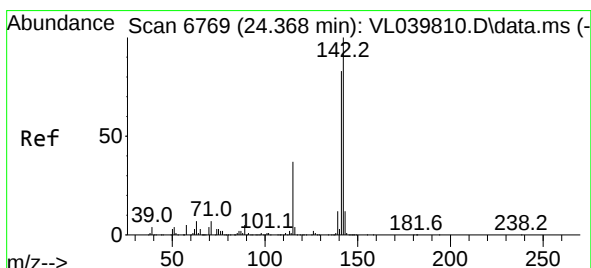
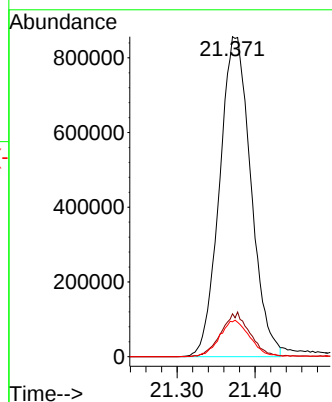
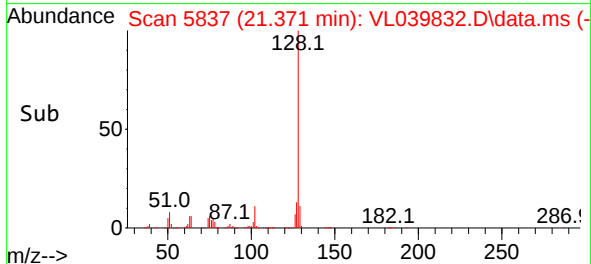
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



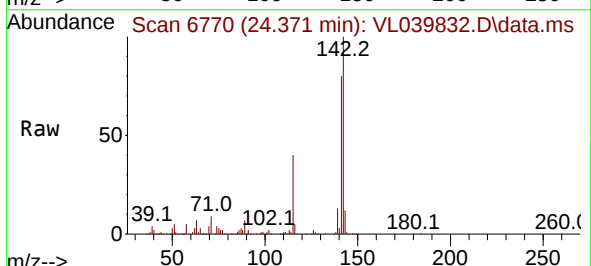
Tgt Ion:128 Resp: 239188
Ion Ratio Lower Upper
128 100
127 13.4 9.8 14.6
129 10.9 8.6 13.0

Manual Integrations
APPROVED

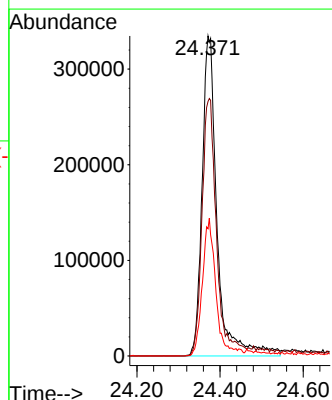
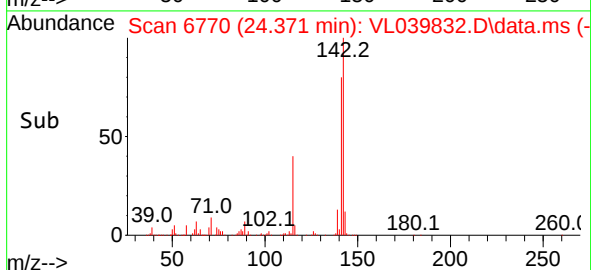
Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

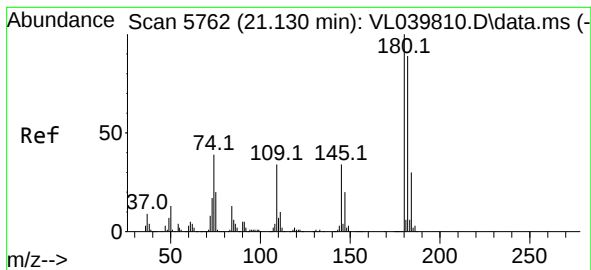


#80
Naphthalene,2-methyl-
Concen: 8.103 ppbv
RT: 24.371 min Scan# 6770
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19



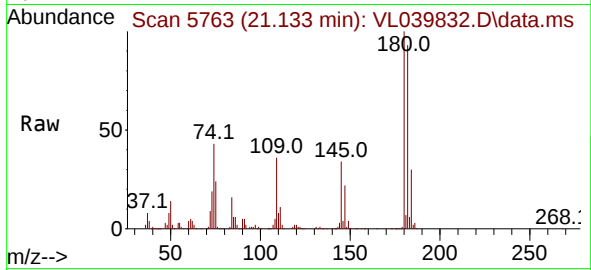
Tgt Ion:142 Resp: 839445
Ion Ratio Lower Upper
142 100
141 79.1 65.1 97.7
115 38.9 29.1 43.7





#81
1,2,4-Trichlorobenzene
Concen: 9.036 ppbv
RT: 21.133 min Scan# 51
Delta R.T. 0.003 min
Lab File: VL039832.D
Acq: 7 Nov 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1235058
Ion Ratio Lower Upper
180 100
182 97.0 78.1 117.1
184 31.2 24.5 36.7

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 11/08/2022
Supervised By :Mahesh Dadoda 11/09/2022

