

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039067.D
 Acq On : 17 May 2022 12:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 18 01:46:38 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 18 01:46:38 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/28/2022

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

Internal Standards						
1) Bromochloromethane	5.680	49	1030436	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.192	114	2746138	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.098	117	2490659m	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.426	95	1943765	9.854	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.063	85	1259634	7.802	ppbv	100
3) Chlorodifluoromethane	3.002	51	1264728	9.891	ppbv	96
4) Chloromethane	3.156	50	591045	9.230	ppbv	96
5) Vinyl Chloride	3.275	62	586893	10.037	ppbv	99
6) Bromomethane	3.488	94	260747	9.440	ppbv	97
7) Chloroethane	3.571	64	194784	9.953	ppbv	99
8) Dichlorotetrafluoroethane	3.205	85	1402443	9.584	ppbv	96
9) Propene	3.025	41	584836	10.474	ppbv	96
10) Heptane	8.137	43	1468080	10.717	ppbv	100
11) Trichlorofluoromethane	3.963	101	1317603	9.512	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.500	101	960779	10.068	ppbv	96
13) Ethanol	3.613	45	48215m	12.201	ppbv	
14) Bromoethene	3.754	108	424772	10.795	ppbv	95
15) Acetone	3.861	43	952784	9.802	ppbv	100
16) 1,3-Butadiene	3.343	39	563249	10.086	ppbv	98
17) tert-Butyl alcohol	4.298	59	848775	11.361	ppbv	98
18) 1,1-Dichloroethene	4.304	96	431159	10.498	ppbv	97
19) Isopropyl Alcohol	3.973	45	493866	10.686	ppbv	99
20) Methylene Chloride	4.362	84	342527	9.350	ppbv	98
21) Allyl Chloride	4.423	41	658369	9.940	ppbv	100
22) trans-1,2-Dichloroethene	4.902	96	443104	9.988	ppbv	98
23) Vinyl Acetate	5.086	43	643179	8.363	ppbv #	97
24) 1,1-Dichloroethane	5.025	63	889838	10.048	ppbv	99
25) Ethyl Acetate	5.687	43	2717473	11.681	ppbv	99
26) Hexane	5.703	57	1105176	10.691	ppbv	94
27) Carbon Disulfide	4.565	76	1018436	10.372	ppbv	99
28) Methyl tert-Butyl Ether	5.047	73	842536	10.713	ppbv	98
29) Chloroform	5.767	83	1678400	10.036	ppbv	99
30) Cyclohexane	7.147	84	937530	10.833	ppbv	94
31) cis-1,2-Dichloroethene	5.565	61	1077476	10.231	ppbv	91
32) 1,1,1-Trichloroethane	6.526	97	1690427	10.109	ppbv	98
34) 2-Butanone	5.256	43	1355071	9.672	ppbv	97
35) Carbon Tetrachloride	7.031	117	1694865	9.367	ppbv	98
36) Benzene	6.905	78	2284800	9.722	ppbv	99
37) 1,2-Dichloroethane	6.320	62	1260555	8.669	ppbv	98
38) Trichloroethene	7.848	130	871075	8.338	ppbv	97
39) 1,2-Dichloropropane	7.629	63	888277	9.714	ppbv	95
40) 1,4-Dioxane	7.844	88	307395	9.360	ppbv	93
41) Tetrahydrofuran	6.063	42	921899	9.791	ppbv	100
42) Bromodichloromethane	7.806	83	1842476	9.268	ppbv	98
43) Methyl Methacrylate	8.024	69	992185	10.400	ppbv	96
44) 2,2,4-Trimethylpentane	7.883	57	3788751	9.188	ppbv	98
45) t-1,3-Dichloropropene	9.291	75	755985	8.186	ppbv	96

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
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Quant Time: May 18 01:46:38 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

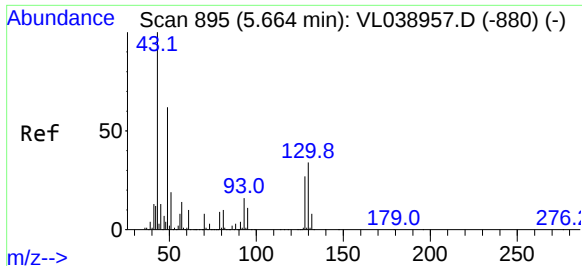
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 19 01:46:38 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

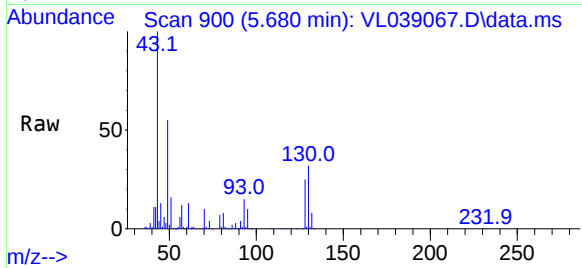
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1068379	8.724	ppbv	93
47) 1,1,2-Trichloroethane	9.491	97	931901	9.799	ppbv	97
48) Dibromochloromethane	10.317	129	1532344	9.899	ppbv	100
49) Bromoform	13.053	173	1216403	10.304	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2297967	9.354	ppbv	98
51) 2-Hexanone	10.143	43	1719458	9.590	ppbv #	97
52) Tetrachloroethene	11.233	164	779602	9.283	ppbv	98
53) Toluene	9.819	91	2665977	10.121	ppbv	100
54) 1,2-Dibromoethane	10.622	107	1337370	10.329	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.137	131	1129730	10.338	ppbv	95
57) Chlorobenzene	12.159	112	1852053	9.920	ppbv	97
58) Ethyl Benzene	12.722	91	3563665	9.942	ppbv	99
59) m/p-Xylene	13.008	91	5947036m	19.435	ppbv	
60) o-Xylene	13.703	91	2800213	9.723	ppbv	100
61) Styrene	13.539	104	1593713	10.365	ppbv	97
62) Isopropylbenzene	14.680	105	4244562	10.078	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.687	83	1917500	11.307	ppbv	100
64) n-propylbenzene	15.571	120	1067398	10.483	ppbv	99
65) tert-Butylbenzene	16.754	119	3654778	9.904	ppbv	96
66) Benzyl Chloride	16.998	91	234669	4.865	ppbv	97
67) sec-Butylbenzene	17.304	105	5263214	9.983	ppbv	100
69) p-Isopropyltoluene	17.664	119	4327163	10.159	ppbv	98
70) n-Butylbenzene	18.558	91	4581111	10.124	ppbv	99
71) 2-Chlorotoluene	15.465	91	3209126	9.884	ppbv	98
72) 4-Ethyltoluene	15.850	105	3283884	10.006	ppbv	98
73) 1,3,5-Trimethylbenzene	16.005	105	2979174	10.083	ppbv	97
74) 1,2,4-Trimethylbenzene	16.773	105	3165841	9.786	ppbv	96
75) 1,3-Dichlorobenzene	17.005	146	1821297	10.275	ppbv	99
76) 1,4-Dichlorobenzene	17.149	146	1728810	9.915	ppbv	98
77) 1,2-Dichlorobenzene	17.828	146	1784187	10.178	ppbv	99
78) Hexachloro-1,3-Butadiene	23.387	225	1347736m	8.365	ppbv	
79) Naphthalene	22.207	128	2562095	9.750	ppbv	100
80) Naphthalene,2-methyl-	24.979	142	660557	8.310	ppbv	94
81) 1,2,4-Trichlorobenzene	21.931	180	1402865	9.111	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.680 min Scan# 90
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

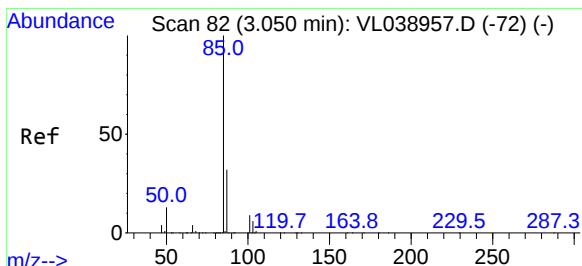
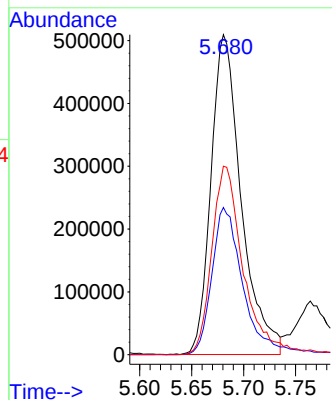
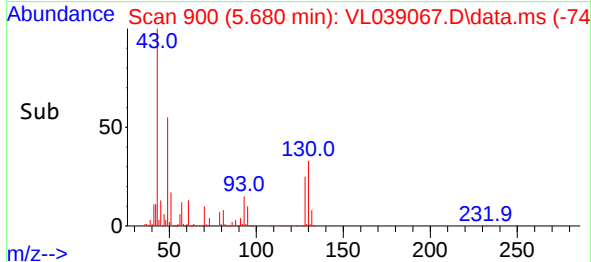
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1030430
Ion Ratio Lower Upper
49 100
128 48.8 23.3 69.8
130 63.0 29.8 89.3

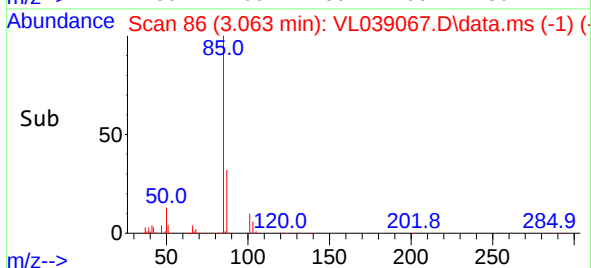
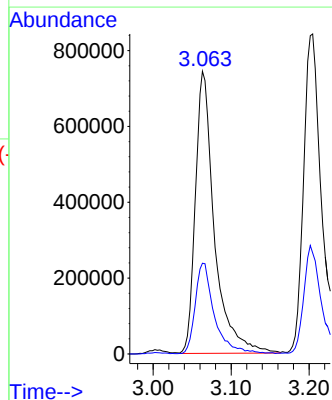
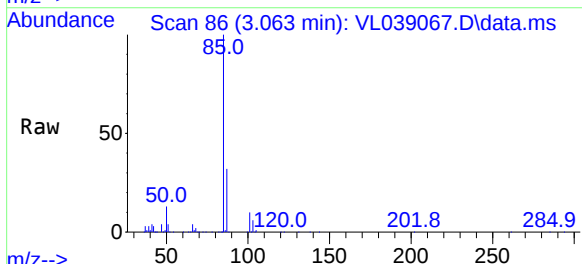
Manual Integrations
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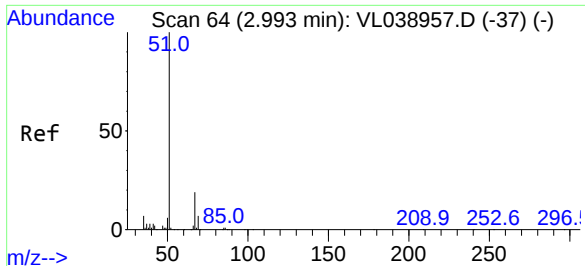
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#2
Dichlorodifluoromethane
Concen: 7.802 ppbv
RT: 3.063 min Scan# 86
Delta R.T. 0.013 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 85 Resp: 1259634
Ion Ratio Lower Upper
85 100
87 32.0 25.7 38.5





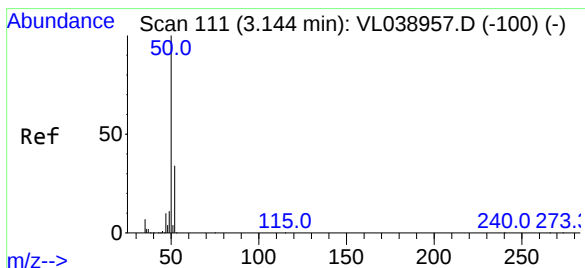
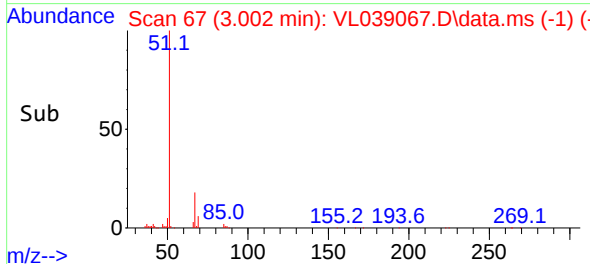
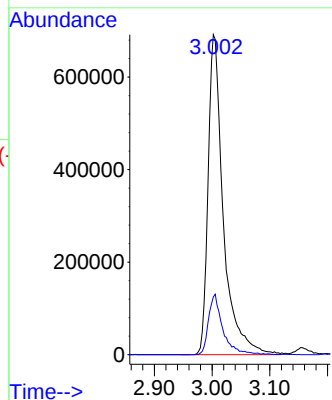
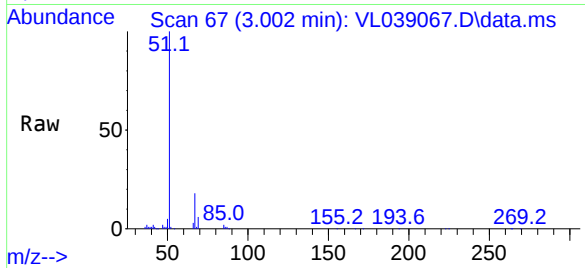
#3
Chlorodifluoromethane
Concen: 9.891 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1264728
Ion Ratio Lower Upper
51 100
67 17.9 15.8 23.8

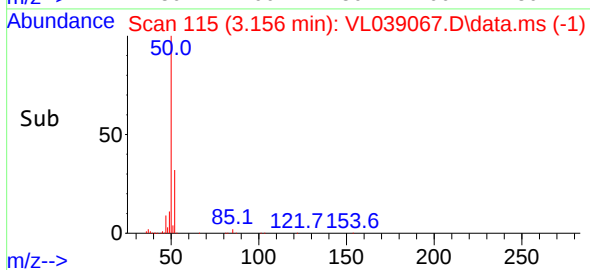
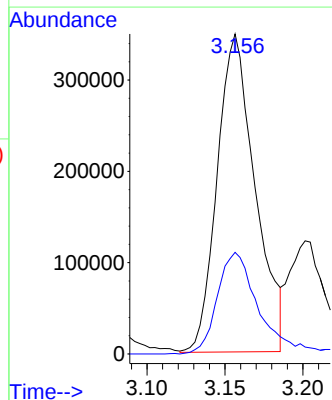
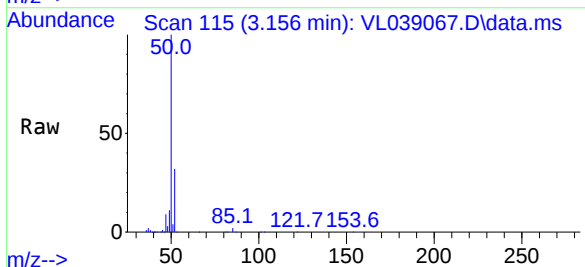
Manual Integrations
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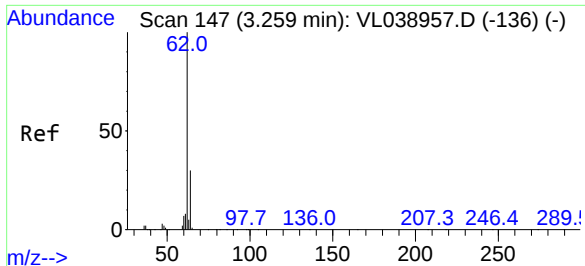
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#4
Chloromethane
Concen: 9.230 ppbv
RT: 3.156 min Scan# 115
Delta R.T. 0.013 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 50 Resp: 591045
Ion Ratio Lower Upper
50 100
52 32.1 27.3 40.9





#5
 Vinyl Chloride
 Concen: 10.037 ppbv
 RT: 3.275 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

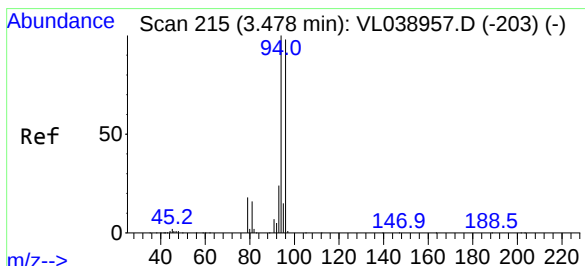
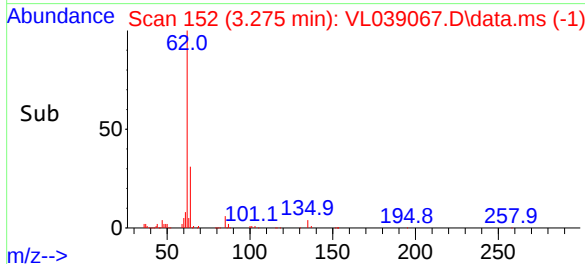
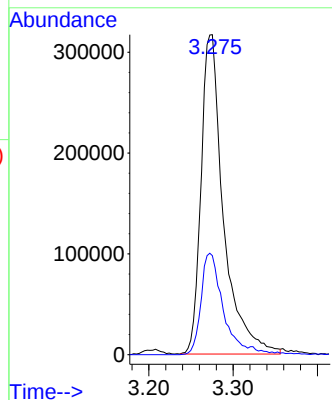
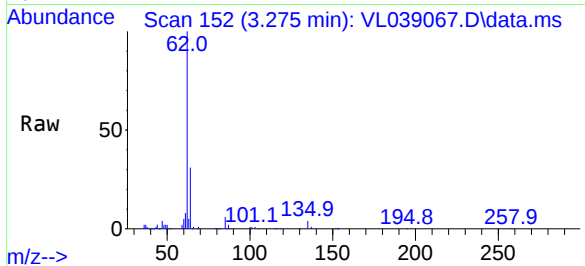
VSTDCCC010

Tgt Ion: 62 Resp: 58689
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.2 36.4

Manual Integrations

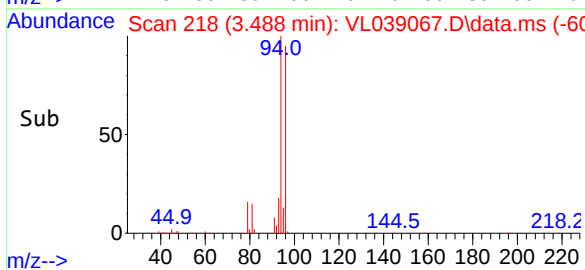
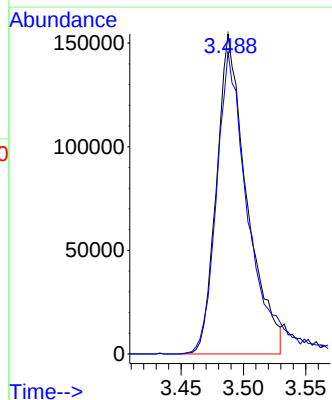
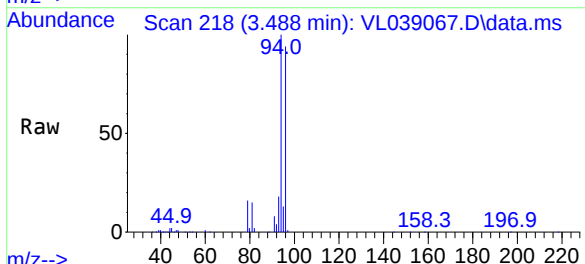
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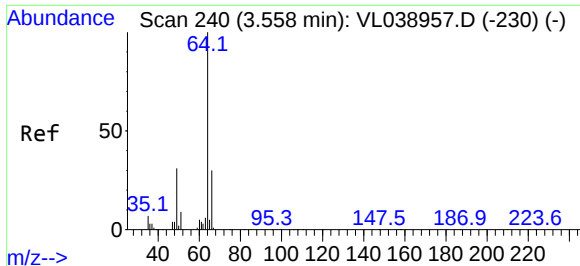
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/28/2022



#6
 Bromomethane
 Concen: 9.440 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.010 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25

Tgt Ion: 94 Resp: 260747
 Ion Ratio Lower Upper
 94 100
 96 94.4 78.1 117.1





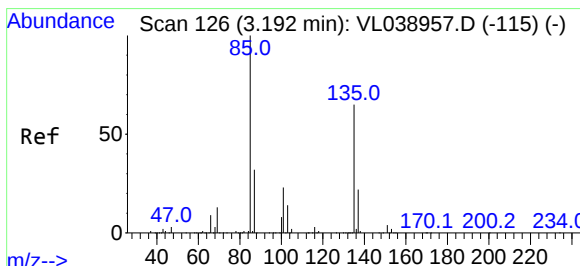
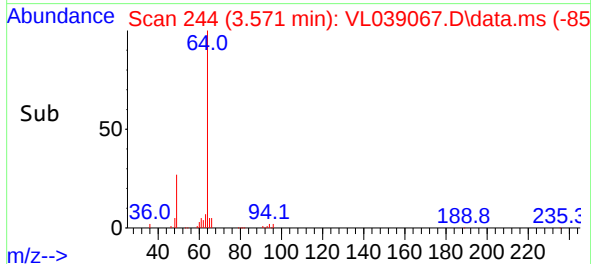
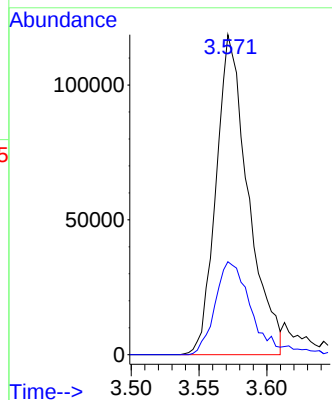
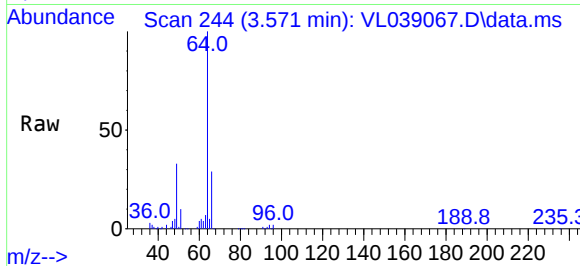
#7
Chloroethane
Concen: 9.953 ppbv
RT: 3.571 min Scan# 240
Delta R.T. 0.013 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 194784
Ion Ratio Lower Upper
64 100
66 29.0 23.8 35.8

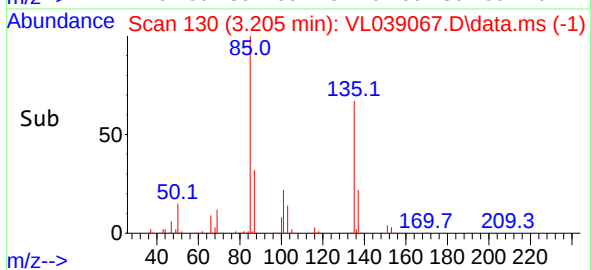
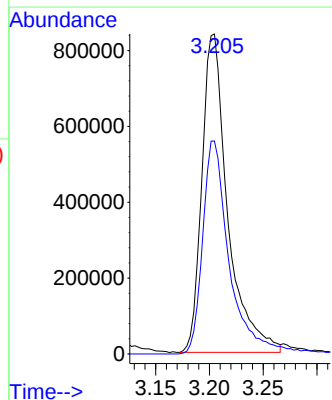
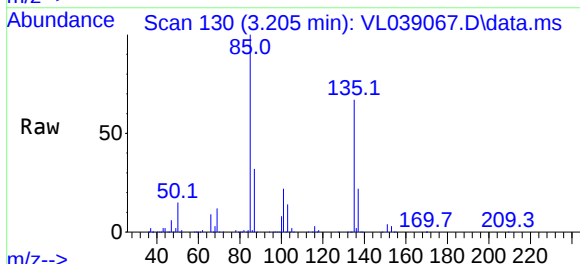
Manual Integrations
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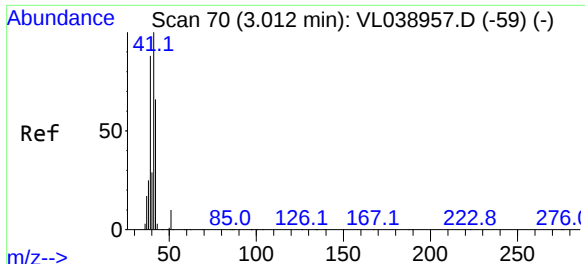
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#8
Dichlorotetrafluoroethane
Concen: 9.584 ppbv
RT: 3.205 min Scan# 130
Delta R.T. 0.013 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 85 Resp: 1402443
Ion Ratio Lower Upper
85 100
135 70.4 53.6 80.4





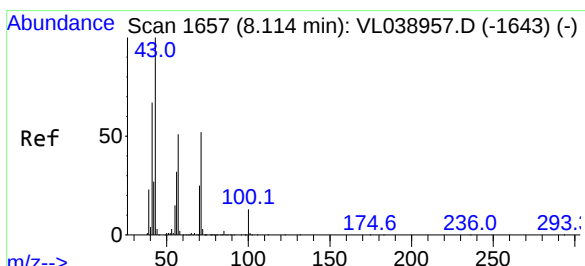
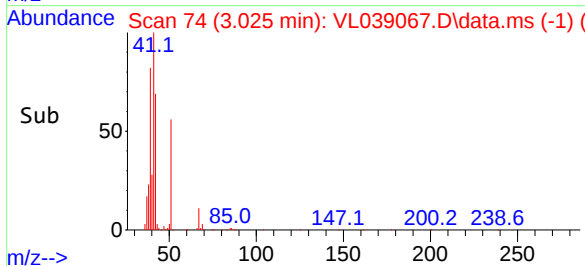
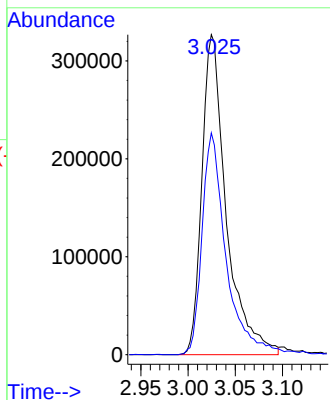
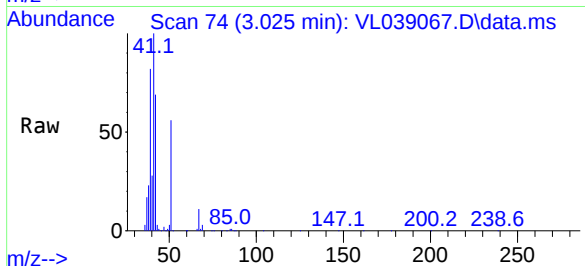
#9
Propene
Concen: 10.474 ppbv
RT: 3.025 min Scan# 74
Delta R.T. 0.013 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 584830
Ion Ratio Lower Upper
41 100
42 69.3 58.3 87.5

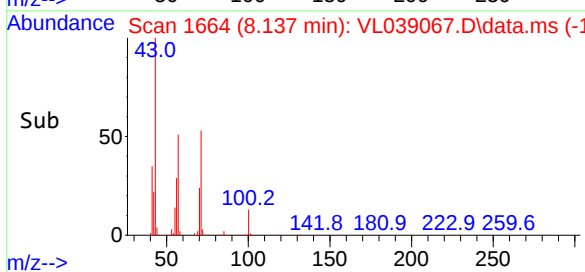
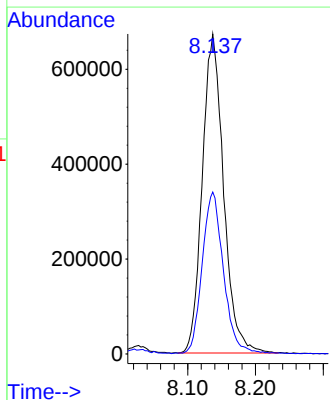
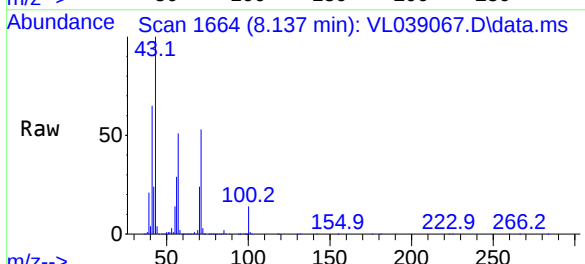
Manual Integrations
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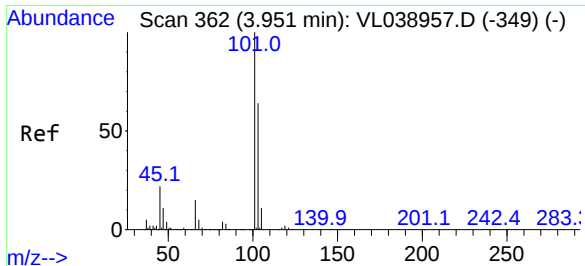
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#10
Heptane
Concen: 10.717 ppbv
RT: 8.137 min Scan# 1664
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 43 Resp: 1468080
Ion Ratio Lower Upper
43 100
57 50.4 40.5 60.7





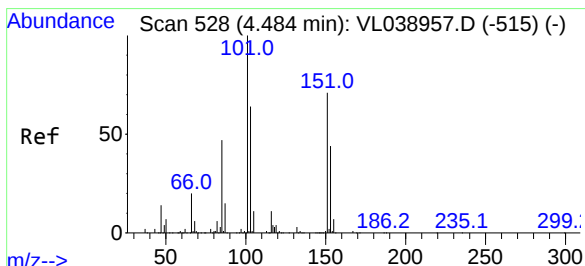
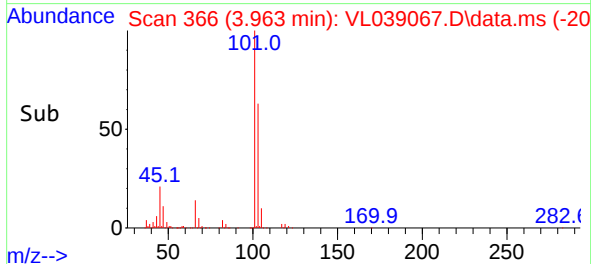
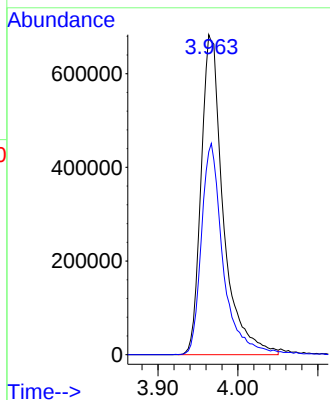
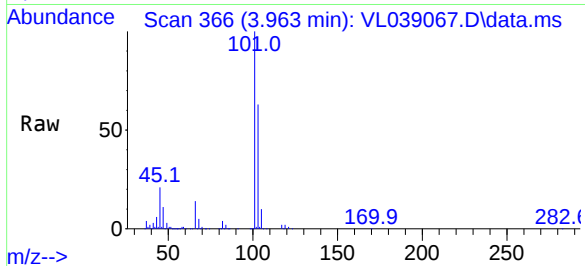
#11
Trichlorofluoromethane
Concen: 9.512 ppbv
RT: 3.963 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 131760
Ion Ratio Lower Upper
101 100
103 63.3 51.5 77.3

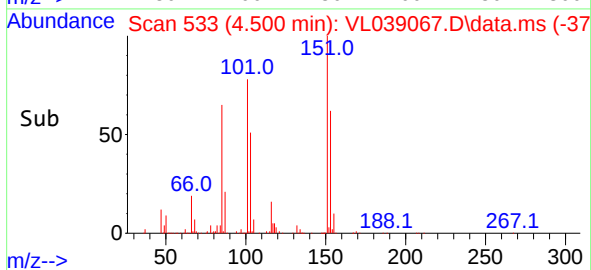
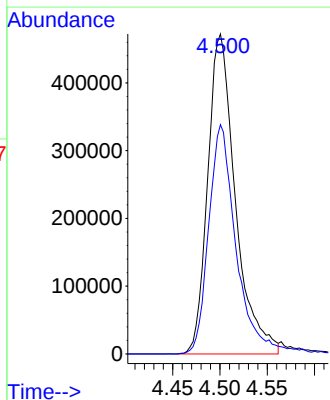
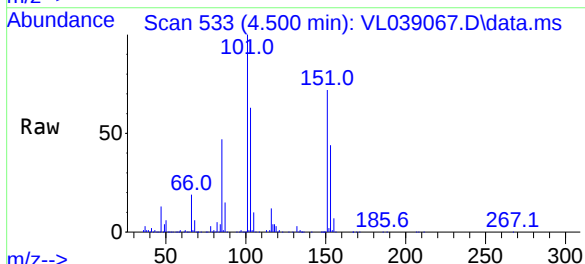
Manual Integrations
APPROVED

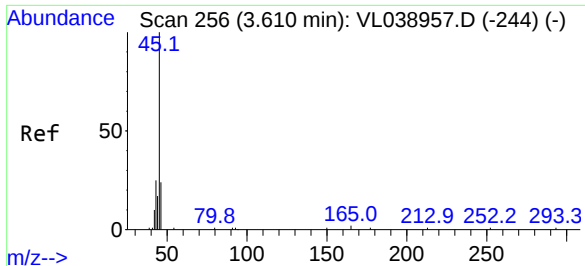
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.068 ppbv
RT: 4.500 min Scan# 533
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

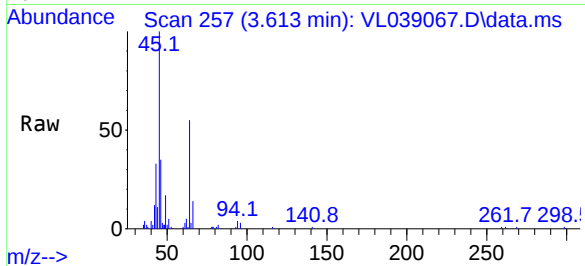
Tgt Ion:101 Resp: 960779
Ion Ratio Lower Upper
101 100
151 72.1 55.4 83.0





#13
Ethanol
Concen: 12.201 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

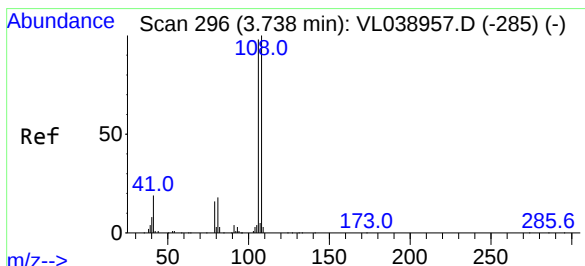
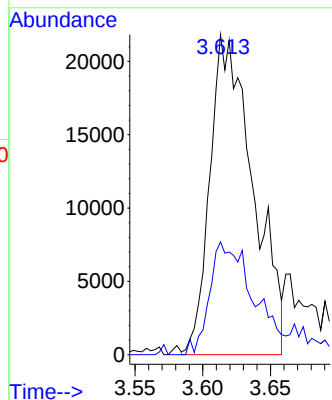
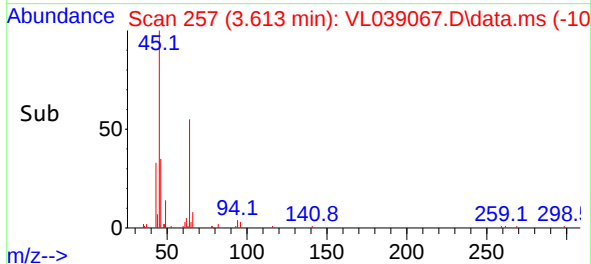
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



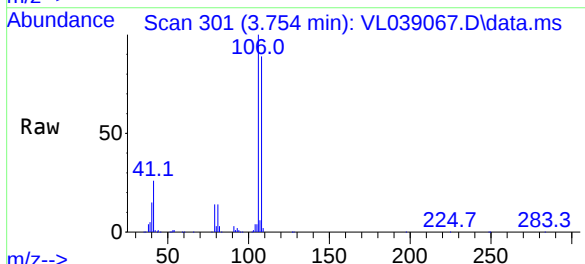
Tgt Ion: 45 Resp: 48215
Ion Ratio Lower Upper
45 100
46 0.0 18.0 72.2

Manual Integrations
APPROVED

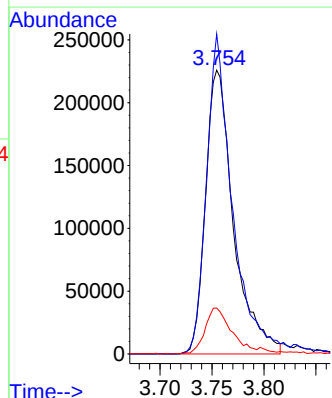
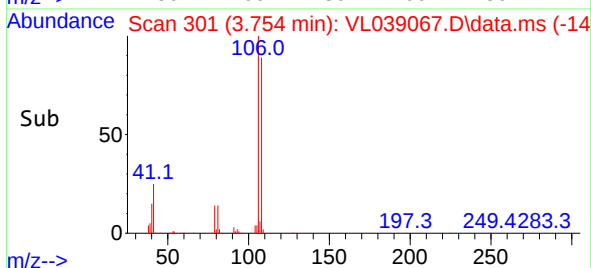
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

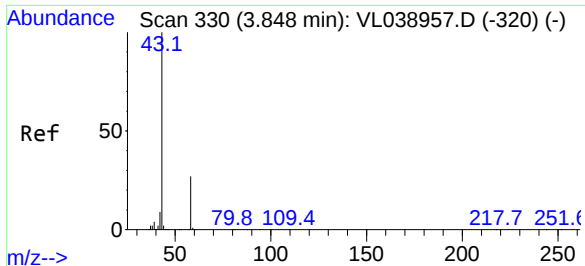


#14
Bromoethene
Concen: 10.795 ppbv
RT: 3.754 min Scan# 301
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



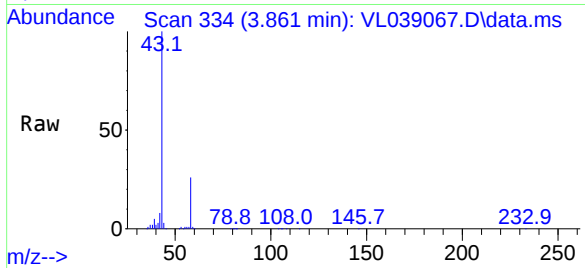
Tgt Ion:108 Resp: 424772
Ion Ratio Lower Upper
108 100
106 106.7 90.3 135.5
79 17.0 14.9 22.3





#15
Acetone
Concen: 9.802 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

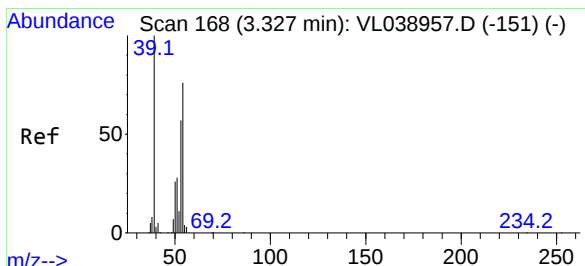
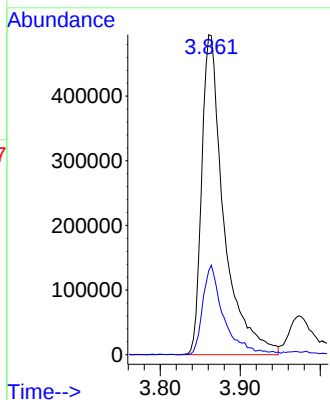
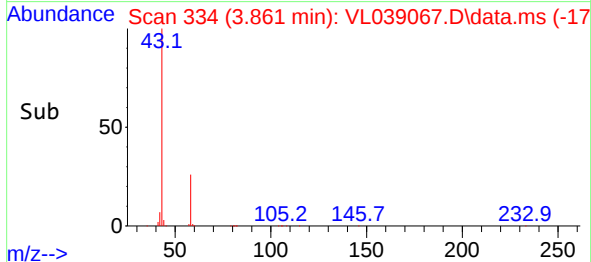
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 952784
Ion Ratio Lower Upper
43 100
58 26.6 21.3 31.9

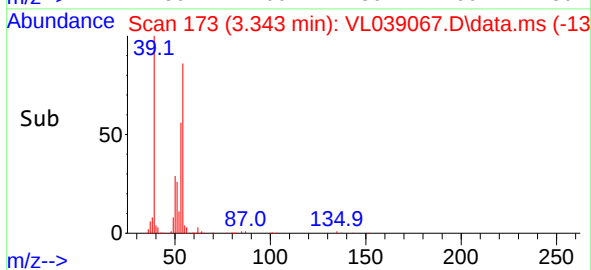
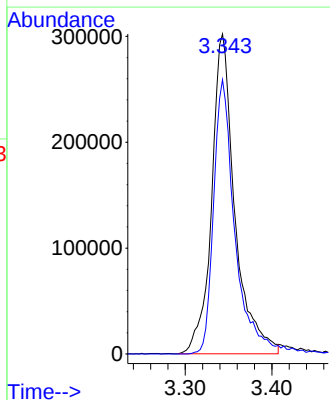
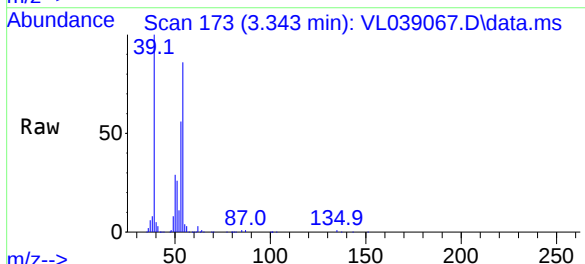
Manual Integrations
APPROVED

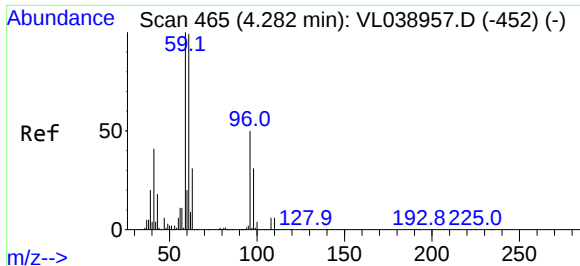
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#16
1,3-Butadiene
Concen: 10.086 ppbv
RT: 3.343 min Scan# 173
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

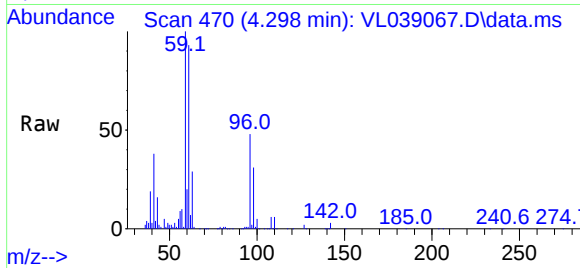
Tgt Ion: 39 Resp: 563249
Ion Ratio Lower Upper
39 100
54 80.2 65.2 97.8





#17
tert-Butyl alcohol
Concen: 11.361 ppbv
RT: 4.298 min Scan# 41
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

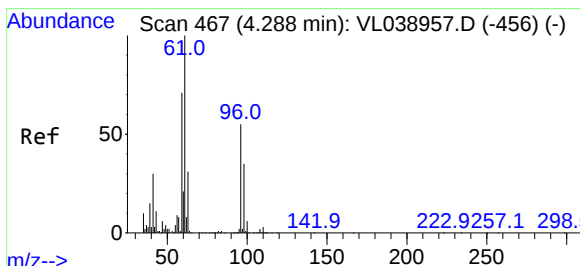
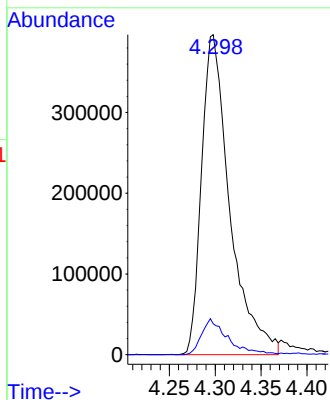
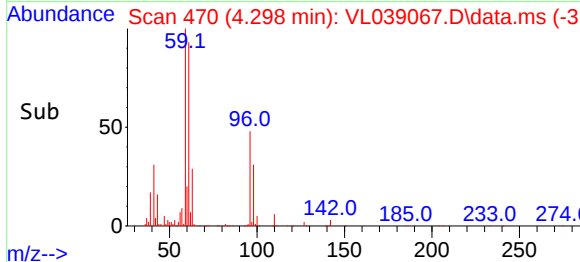
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



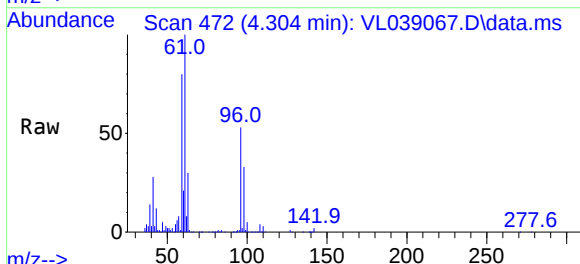
Tgt Ion: 59 Resp: 848775
Ion Ratio Lower Upper
59 100
57 10.8 9.2 13.8

Manual Integrations
APPROVED

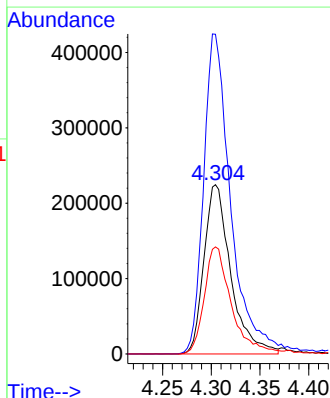
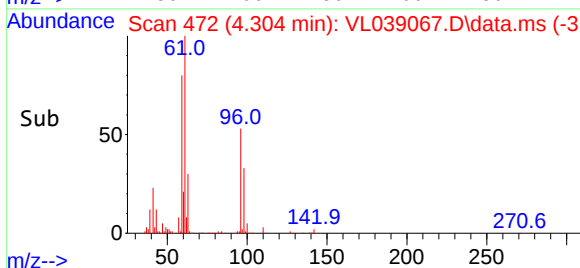
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

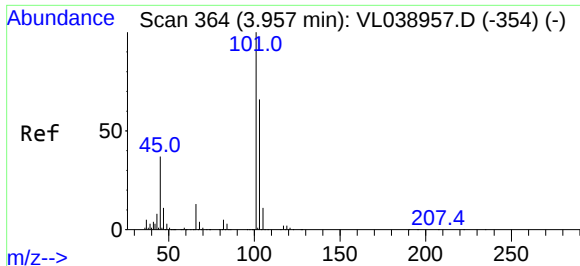


#18
1,1-Dichloroethene
Concen: 10.498 ppbv
RT: 4.304 min Scan# 472
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion: 96 Resp: 431159
Ion Ratio Lower Upper
96 100
61 188.7 146.3 219.5
98 63.2 50.6 75.8





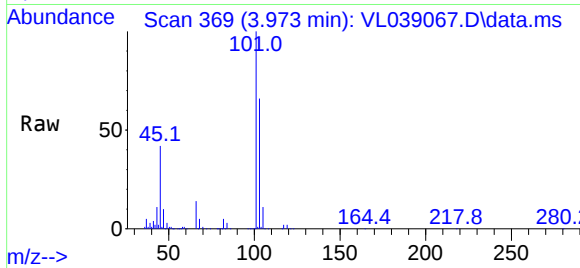
#19
Isopropyl Alcohol
Concen: 10.686 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

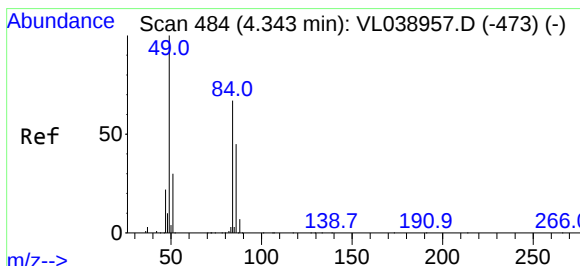
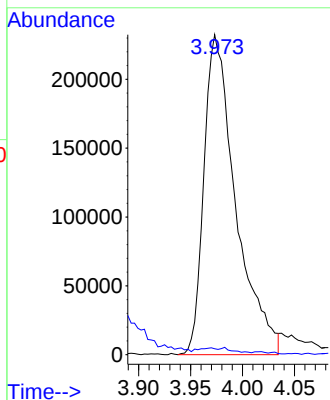
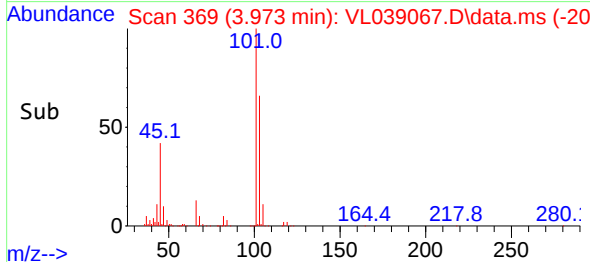


Tgt Ion: 45 Resp: 49386
Ion Ratio Lower Upper
45 100
58 1.6 1.4 2.2

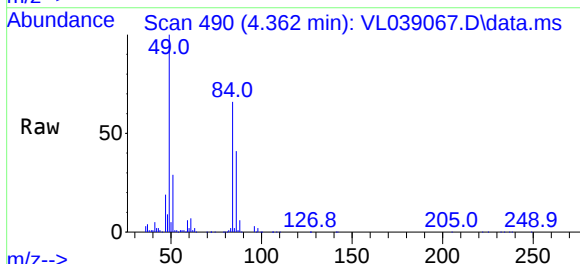
Manual Integrations

APPROVED

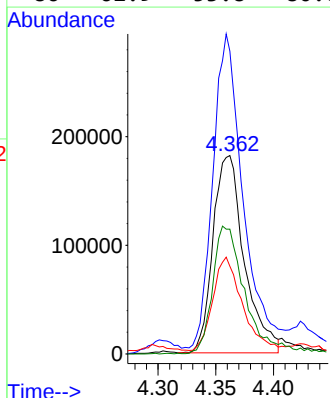
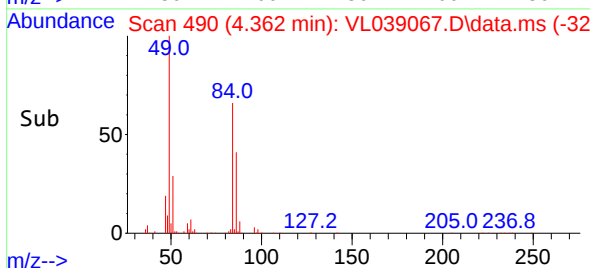
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

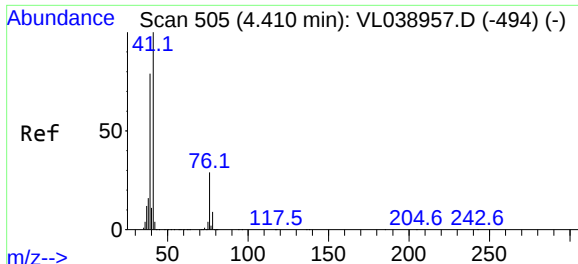


#20
Methylene Chloride
Concen: 9.350 ppbv
RT: 4.362 min Scan# 490
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion: 84 Resp: 342527
Ion Ratio Lower Upper
84 100
49 149.1 119.9 179.9
51 42.0 35.7 53.5
86 62.9 53.8 80.6





#21
 Allyl Chloride
 Concen: 9.940 ppbv
 RT: 4.423 min Scan# 509
 Delta R.T. 0.013 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

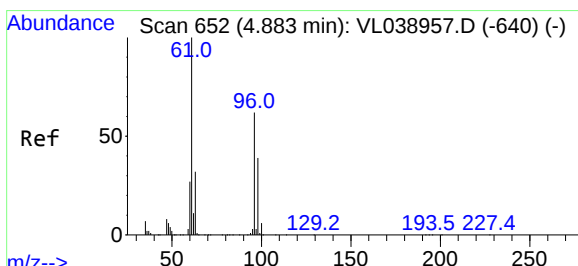
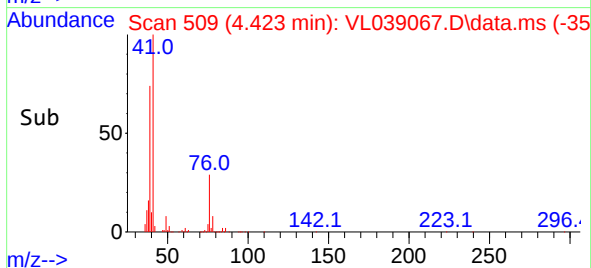
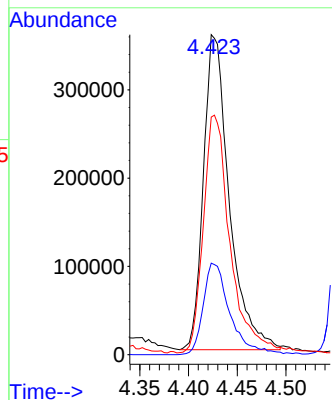
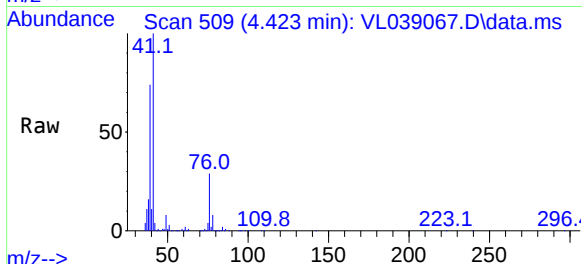
VSTDCCC010

Tgt Ion: 41 Resp: 658369
 Ion Ratio Lower Upper
 41 100
 76 30.2 24.2 36.4
 39 79.7 63.8 95.8

Manual Integrations

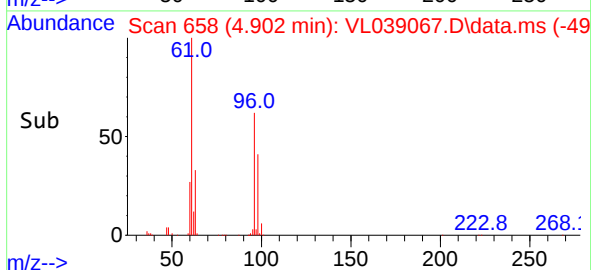
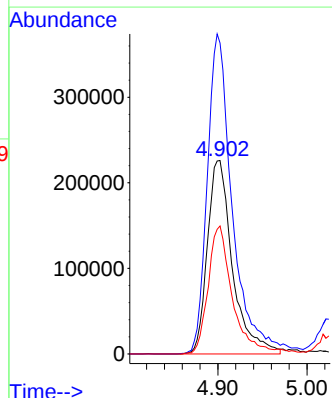
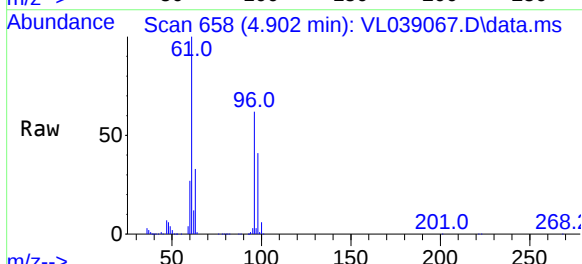
APPROVED

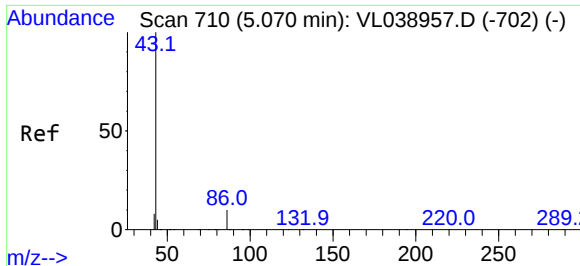
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.988 ppbv
 RT: 4.902 min Scan# 658
 Delta R.T. 0.019 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25

Tgt Ion: 96 Resp: 443104
 Ion Ratio Lower Upper
 96 100
 61 160.6 128.2 192.2
 98 66.2 50.1 75.1





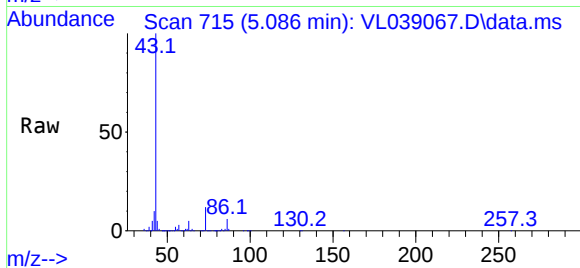
#23
 Vinyl Acetate
 Concen: 8.363 ppbv
 RT: 5.086 min Scan# 710
 Delta R.T. 0.016 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

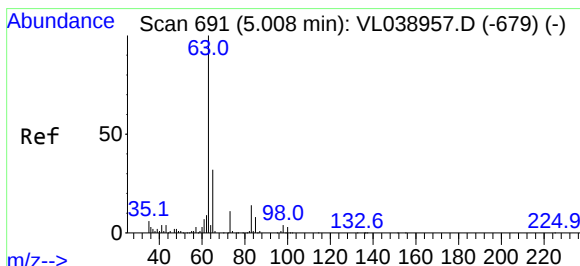
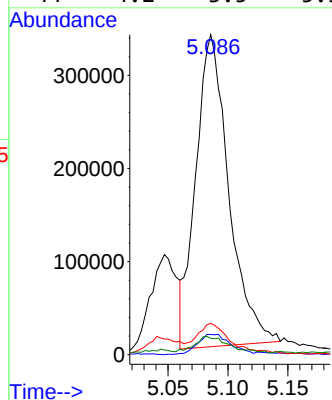
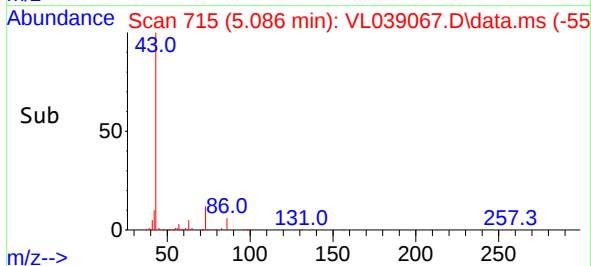


Tgt Ion: 43 Resp: 643179
 Ion Ratio Lower Upper
 43 100
 86 6.1 6.6 9.8
 42 9.7 8.1 12.1
 44 4.2 3.5 5.3

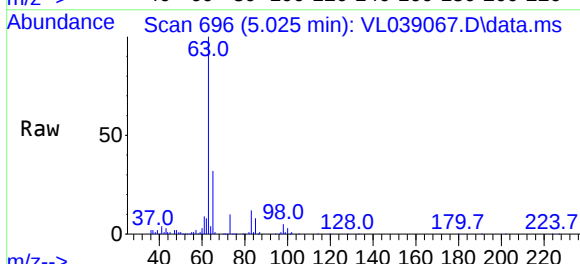
Manual Integrations

APPROVED

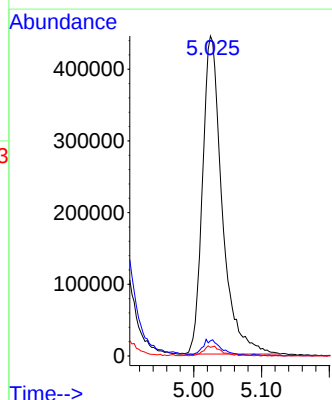
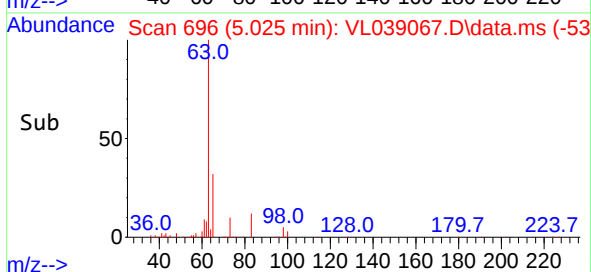
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/28/2022

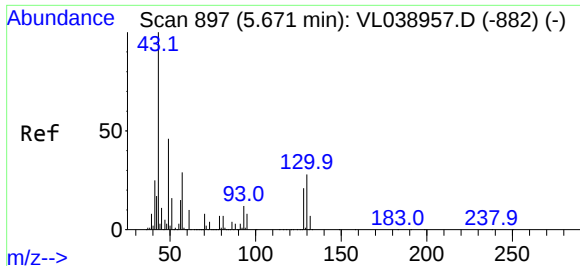


#24
 1,1-Dichloroethane
 Concen: 10.048 ppbv
 RT: 5.025 min Scan# 696
 Delta R.T. 0.016 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25



Tgt Ion: 63 Resp: 889838
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.1 6.2
 100 2.7 1.4 4.2





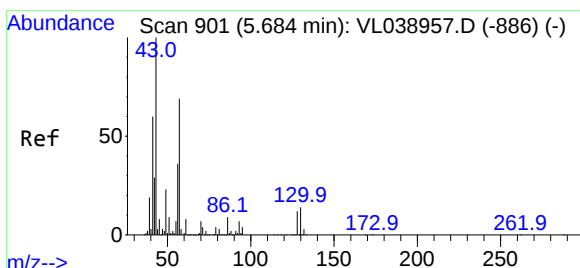
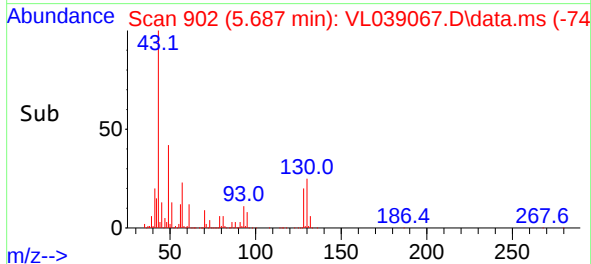
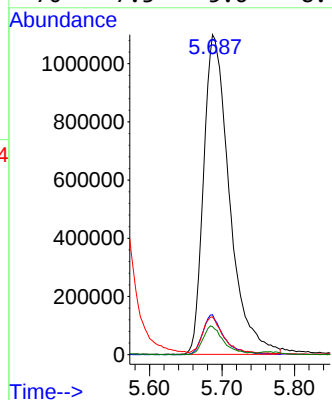
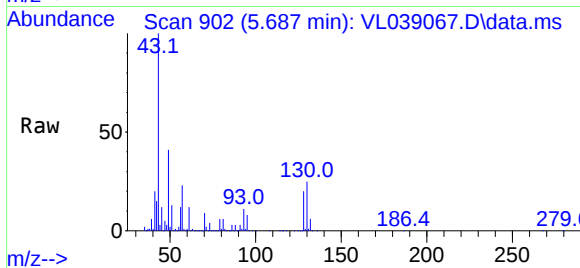
#25
Ethyl Acetate
Concen: 11.681 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 271747
Ion Ratio Lower Upper
43 100
45 10.6 8.1 12.1
61 10.4 7.8 11.6
70 7.3 5.6 8.4

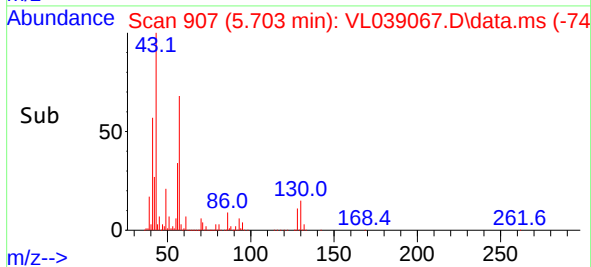
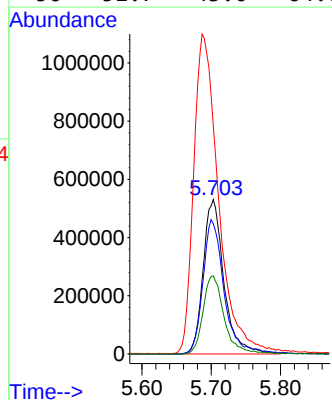
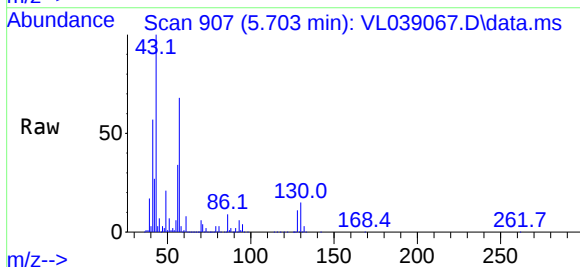
Manual Integrations
APPROVED

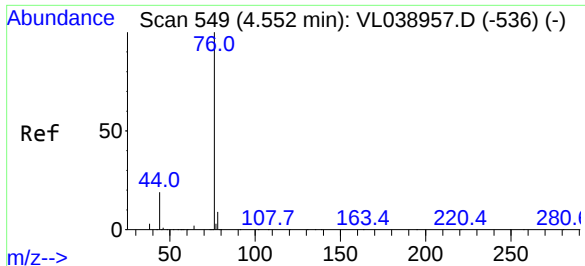
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#26
Hexane
Concen: 10.691 ppbv
RT: 5.703 min Scan# 907
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 57 Resp: 1105176
Ion Ratio Lower Upper
57 100
41 89.0 75.2 112.8
43 250.6 190.8 286.2
56 51.7 43.0 64.6





#27

Carbon Disulfide

Concen: 10.372 ppbv

RT: 4.565 min Scan# 51

Delta R.T. 0.013 min

Lab File: VL039067.D

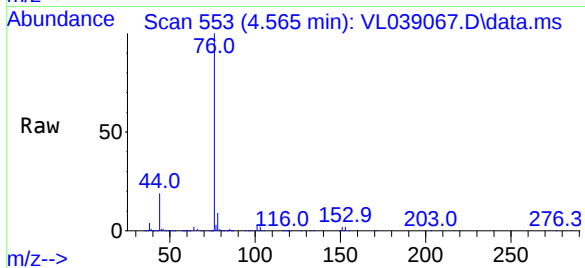
Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 76 Resp: 1018430

Ion Ratio Lower Upper

76 100

44 18.7 15.3 22.9

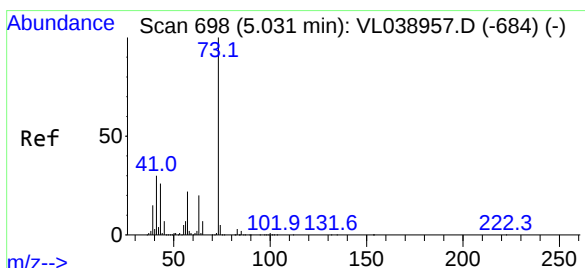
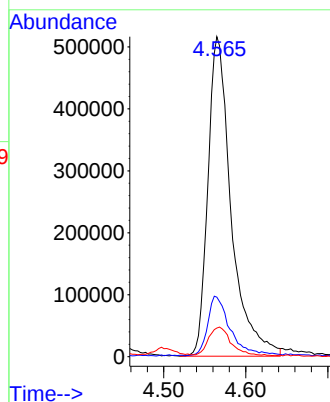
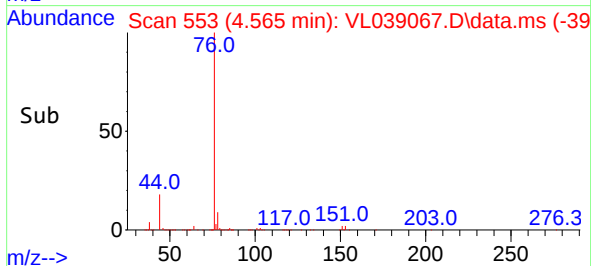
78 10.1 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/28/2022



#28

Methyl tert-Butyl Ether

Concen: 10.713 ppbv

RT: 5.047 min Scan# 703

Delta R.T. 0.016 min

Lab File: VL039067.D

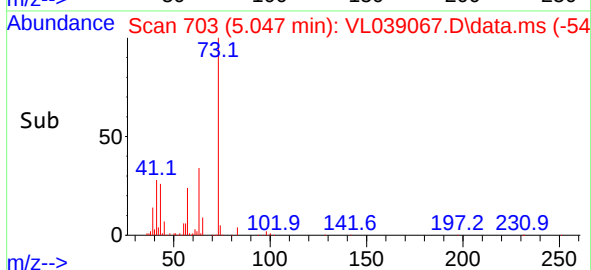
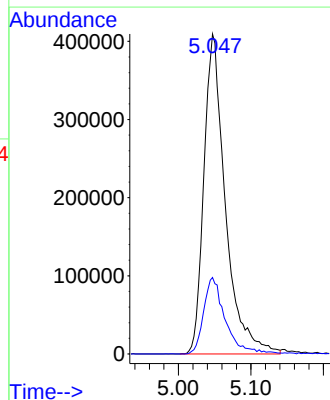
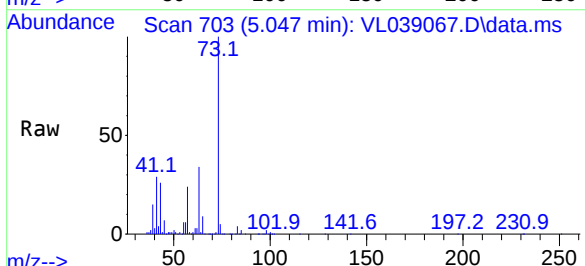
Acq: 17 May 2022 12:25

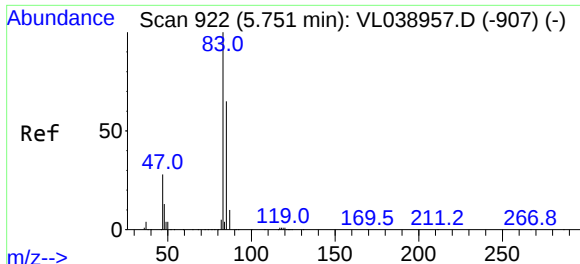
Tgt Ion: 73 Resp: 842536

Ion Ratio Lower Upper

73 100

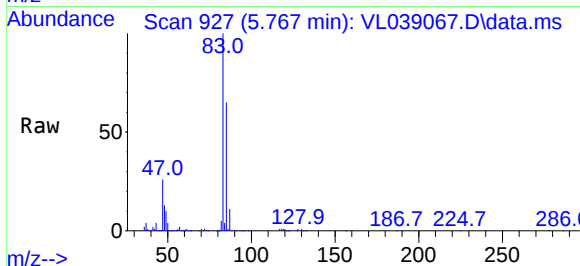
57 24.3 18.8 28.2





#29
Chloroform
Concen: 10.036 ppbv
RT: 5.767 min Scan# 91
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

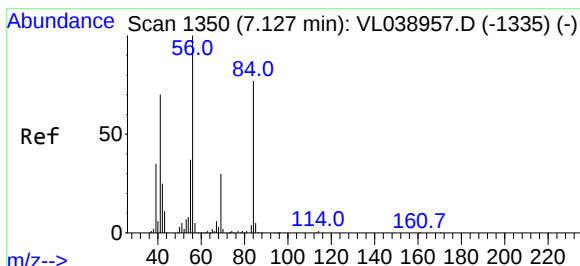
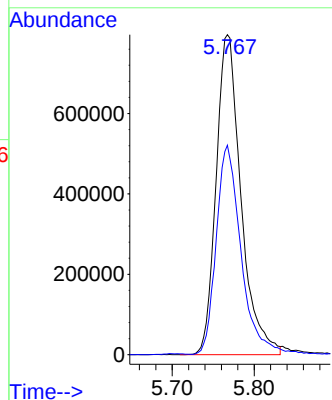
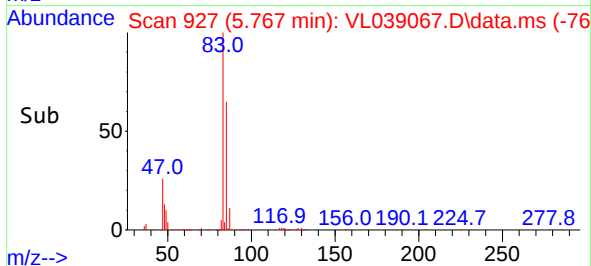
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1678400
Ion Ratio Lower Upper
83 100
85 65.2 51.8 77.6

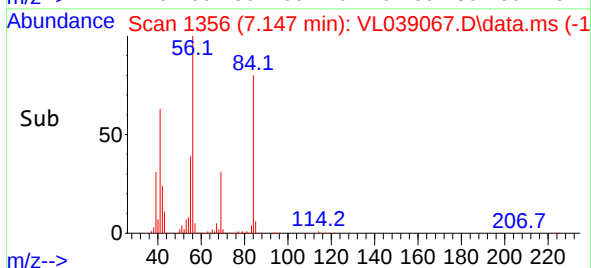
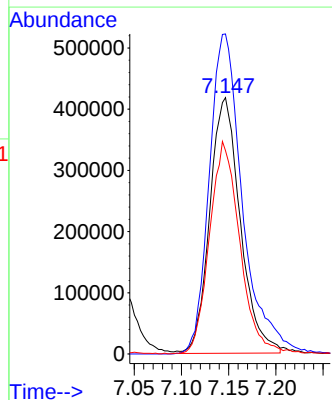
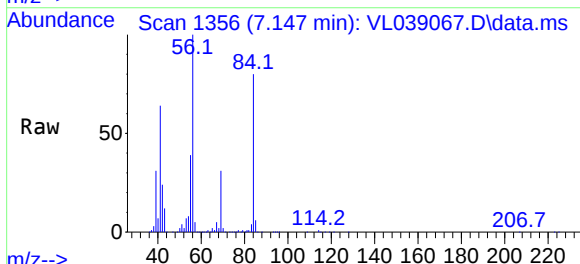
Manual Integrations
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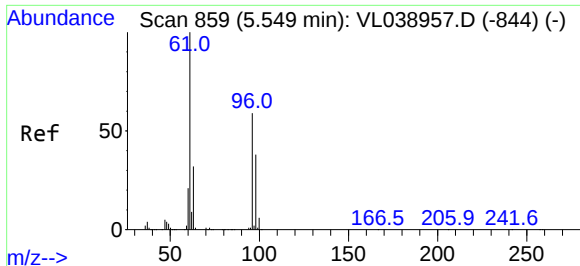
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#30
Cyclohexane
Concen: 10.833 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

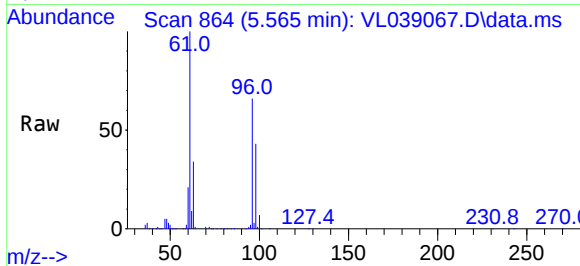
Tgt Ion: 84 Resp: 937530
Ion Ratio Lower Upper
84 100
56 137.3 115.3 172.9
41 83.1 72.0 108.0





#31
cis-1,2-Dichloroethene
Concen: 10.231 ppbv
RT: 5.565 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

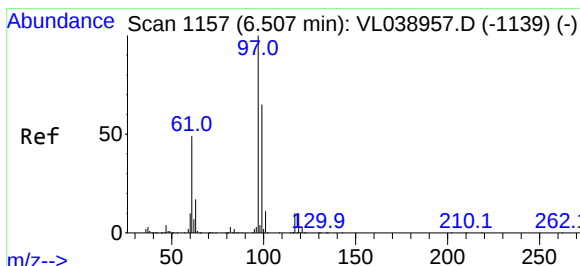
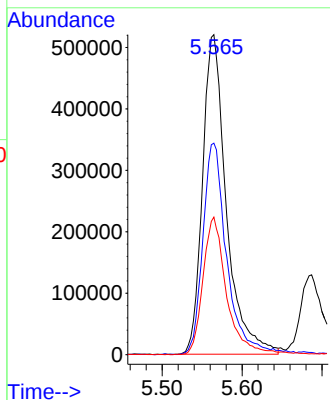
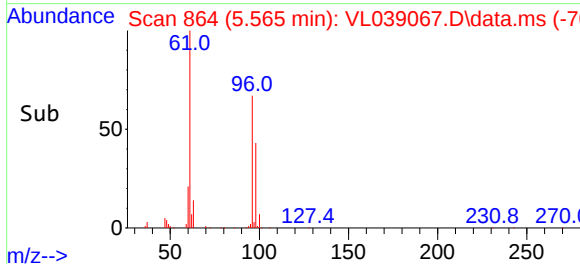
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



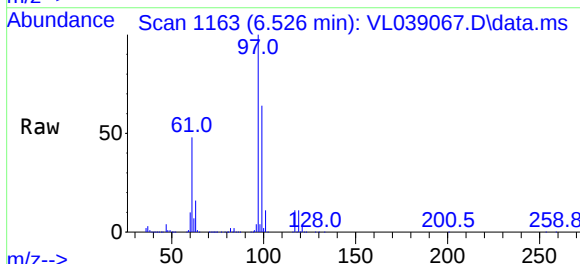
Tgt Ion: 61 Resp: 1077470
Ion Ratio Lower Upper
61 100
96 66.1 47.4 71.0
98 43.0 30.6 45.8

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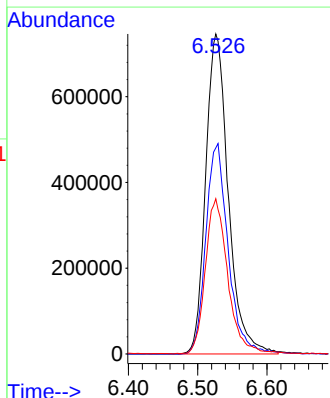
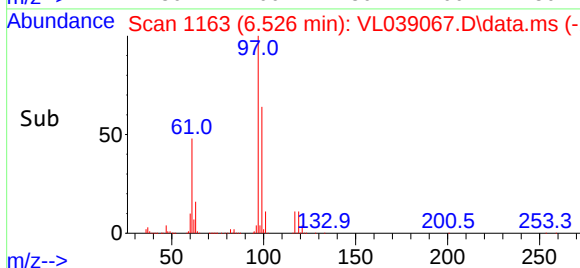
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

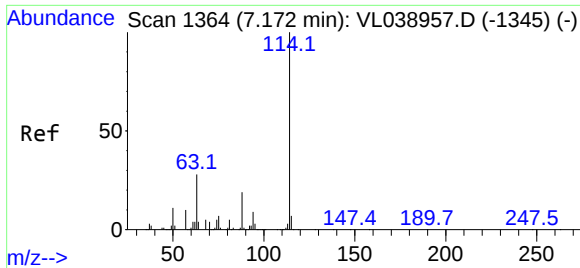


#32
1,1,1-Trichloroethane
Concen: 10.109 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion: 97 Resp: 1690427
Ion Ratio Lower Upper
97 100
99 65.2 51.9 77.9
61 48.5 40.9 61.3





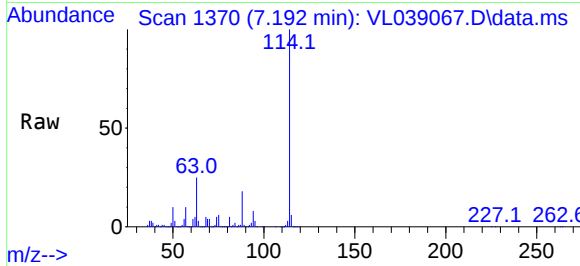
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 114
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

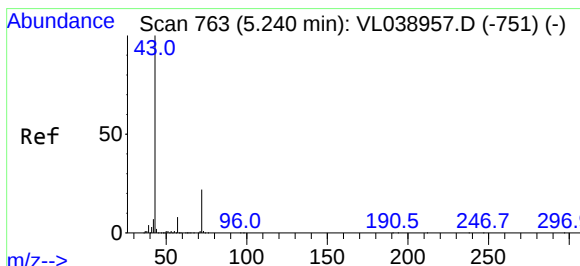
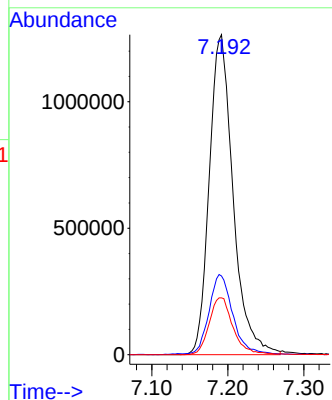
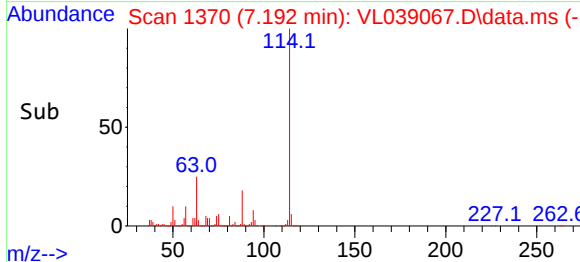


Tgt Ion:114 Resp: 2746138
Ion Ratio Lower Upper
114 100
63 25.5 22.6 33.8
88 18.0 15.4 23.0

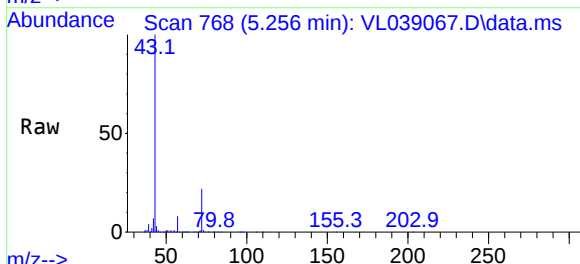
Manual Integrations

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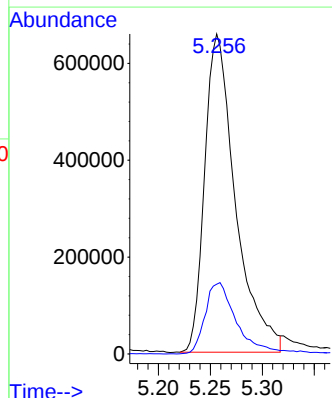
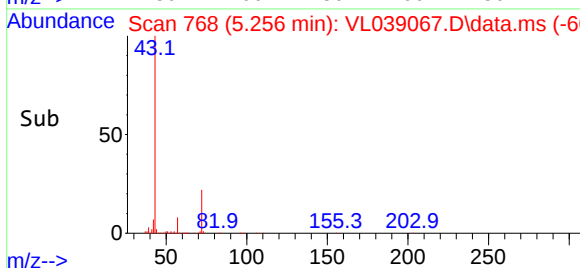
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

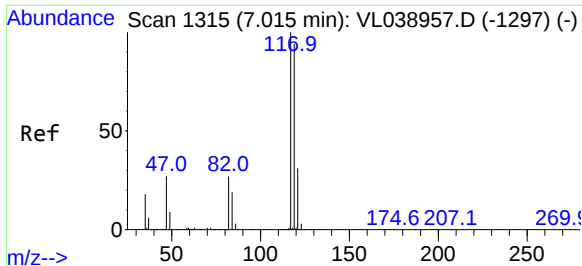


#34
2-Butanone
Concen: 9.672 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion: 43 Resp: 1355071
Ion Ratio Lower Upper
43 100
72 23.8 17.8 26.6





#35
Carbon Tetrachloride
Concen: 9.367 ppbv
RT: 7.031 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

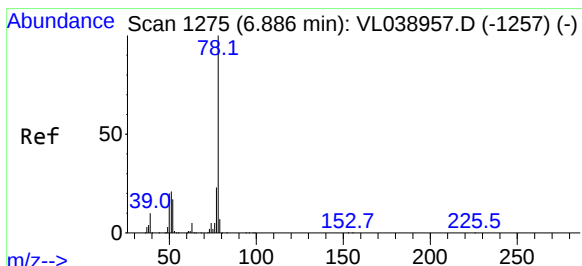
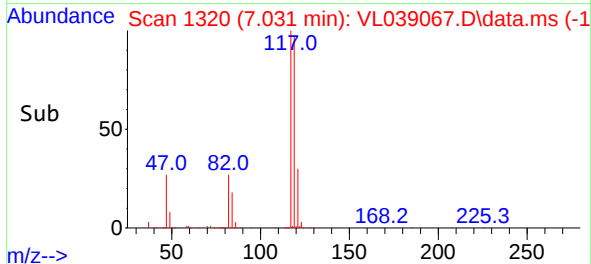
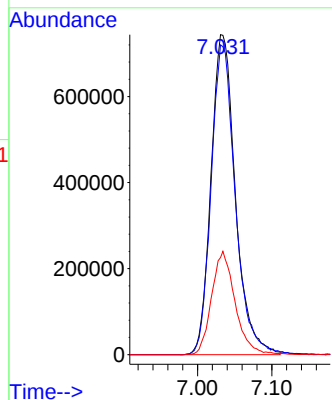
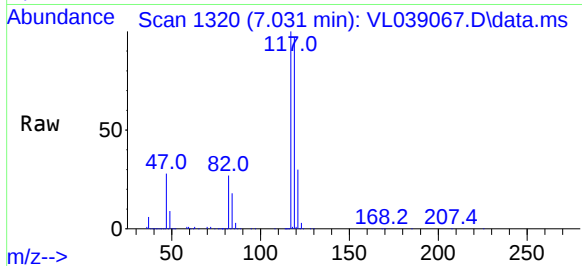
VSTDCCC010

Tgt Ion: 117 Resp: 169486
Ion Ratio Lower Upper
117 100
119 96.8 75.2 112.8
121 30.3 24.6 37.0

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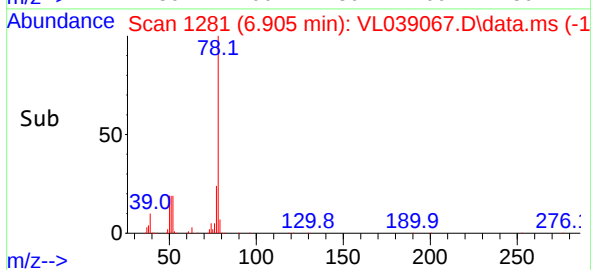
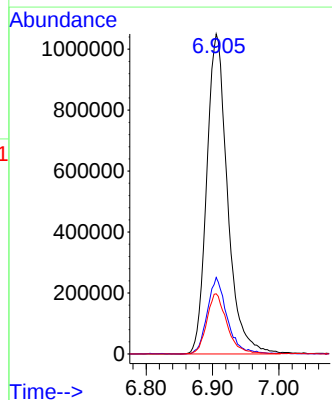
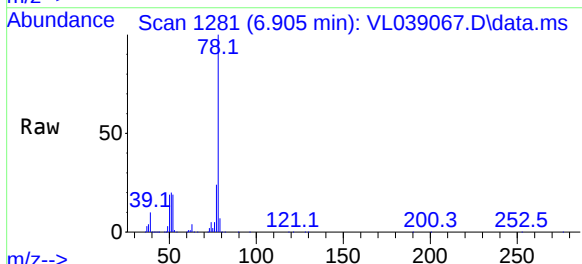
APPROVED

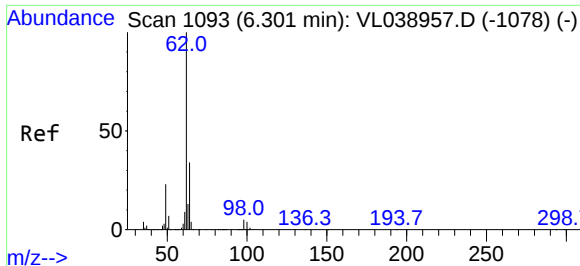
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#36
Benzene
Concen: 9.722 ppbv
RT: 6.905 min Scan# 1281
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 78 Resp: 2284800
Ion Ratio Lower Upper
78 100
77 23.9 18.6 28.0
50 18.8 15.6 23.4





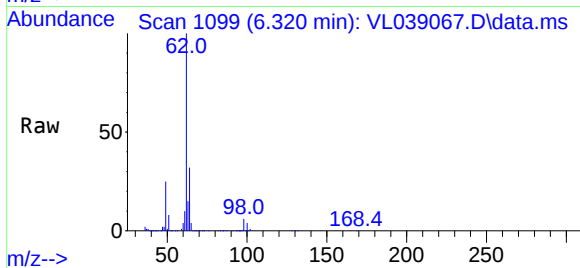
#37
1,2-Dichloroethane
Concen: 8.669 ppbv
RT: 6.320 min Scan# 1099
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

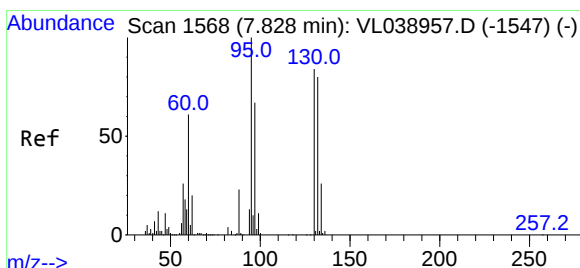
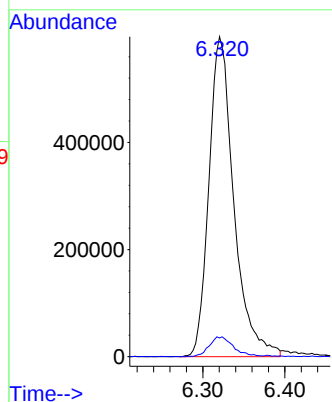
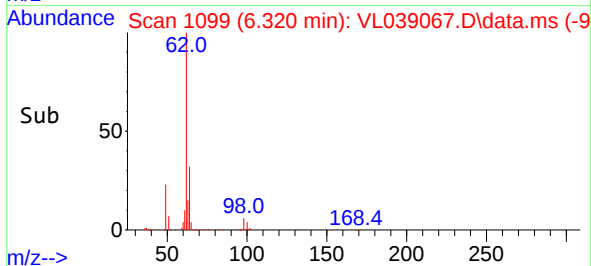


Tgt Ion: 62 Resp: 126055
Ion Ratio Lower Upper
62 100
98 6.3 4.5 6.7

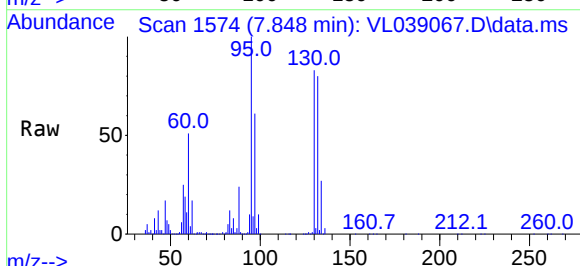
Manual Integrations

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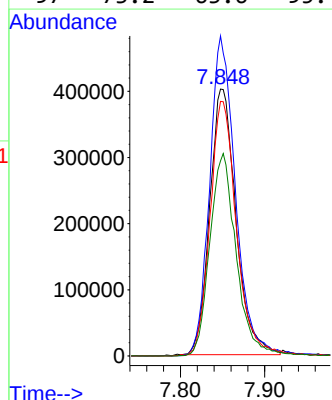
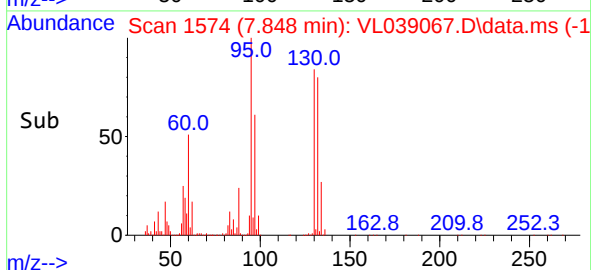
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

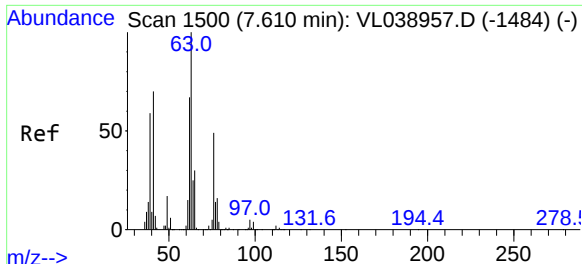


#38
Trichloroethene
Concen: 8.338 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



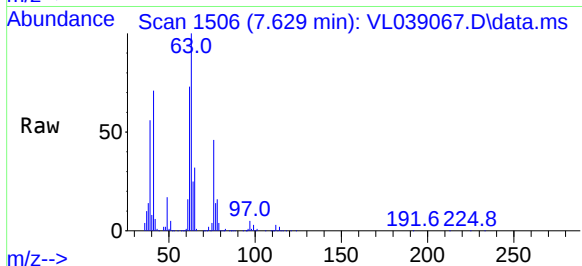
Tgt Ion:130 Resp: 871075
Ion Ratio Lower Upper
130 100
95 120.3 94.8 142.2
132 95.6 75.8 113.8
97 73.2 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.714 ppbv
RT: 7.629 min Scan# 1506
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

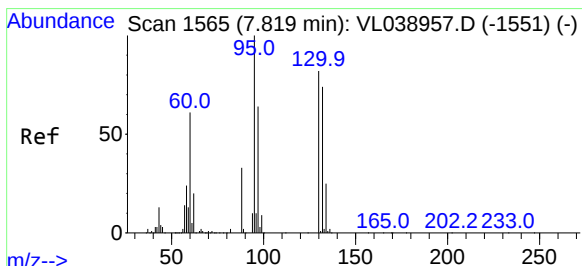
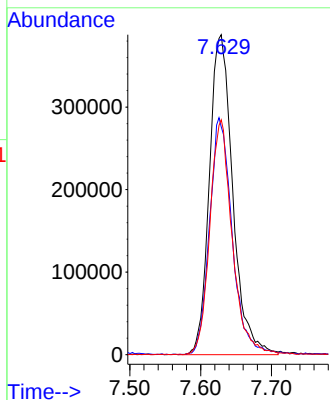
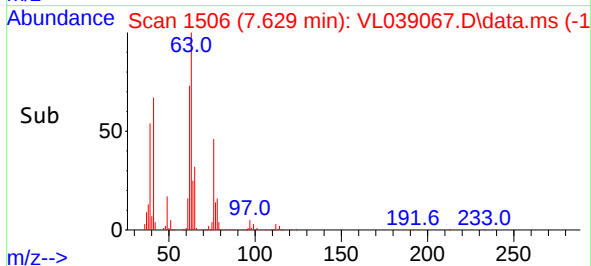
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



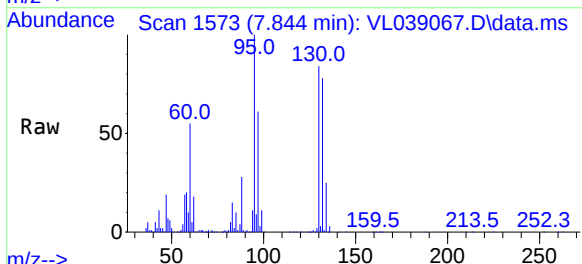
Tgt Ion: 63 Resp: 888277
Ion Ratio Lower Upper
63 100
41 71.1 55.9 83.9
62 73.3 53.8 80.6

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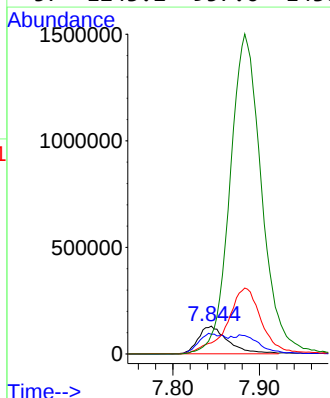
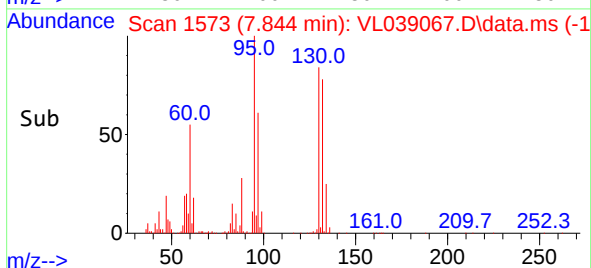
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

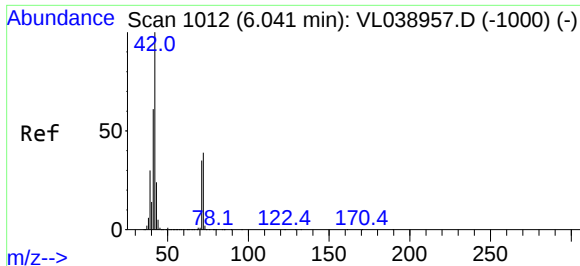


#40
1,4-Dioxane
Concen: 9.360 ppbv
RT: 7.844 min Scan# 1573
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



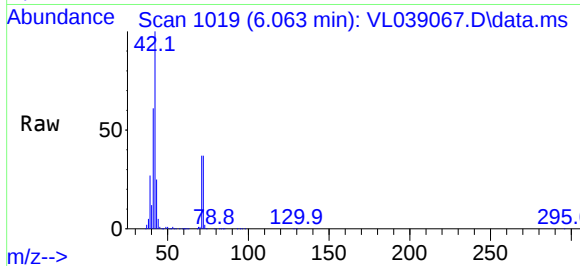
Tgt Ion: 88 Resp: 307395
Ion Ratio Lower Upper
88 100
58 133.4 106.1 159.1
43 283.4 222.9 334.3
57 1243.2 957.6 1436.4





#41
Tetrahydrofuran
Concen: 9.791 ppbv
RT: 6.063 min Scan# 1012
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

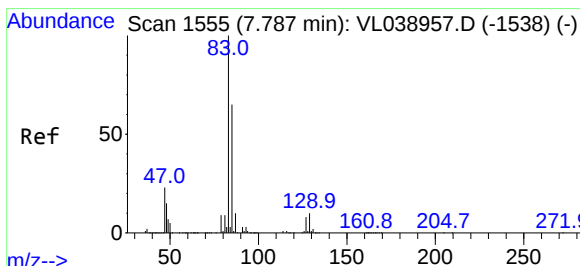
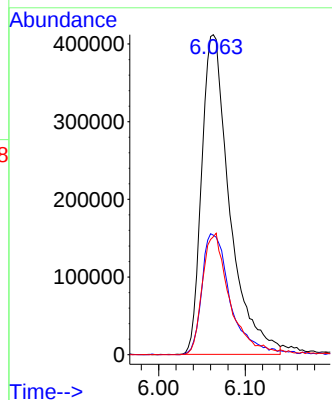
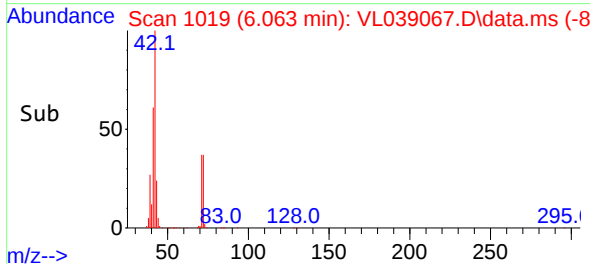
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



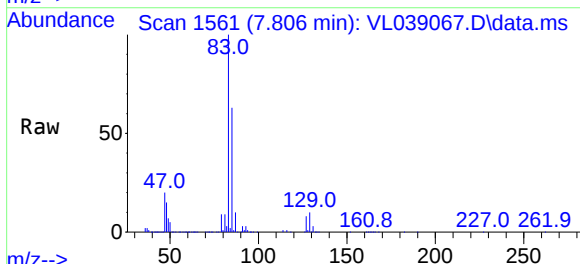
Tgt Ion: 42 Resp: 92189
Ion Ratio Lower Upper
42 100
72 39.5 31.8 47.6
71 38.4 30.6 45.8

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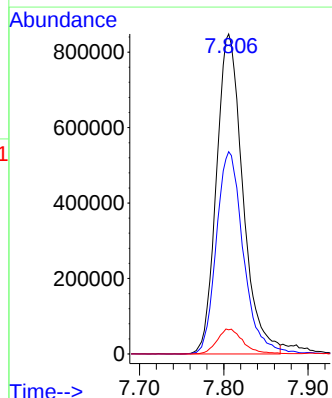
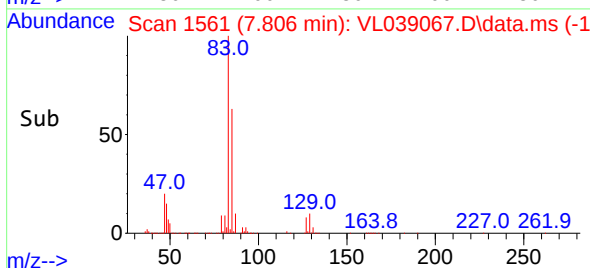
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

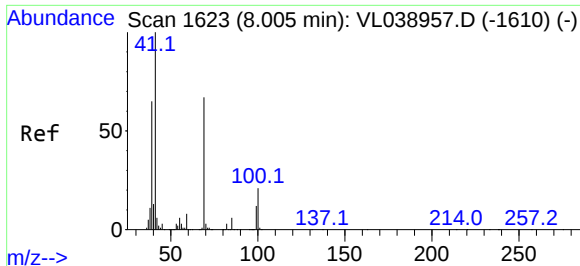


#42
Bromodichloromethane
Concen: 9.268 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion: 83 Resp: 1842476
Ion Ratio Lower Upper
83 100
85 63.2 52.0 78.0
127 7.5 6.0 9.0





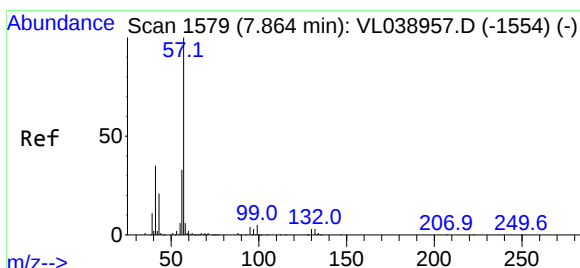
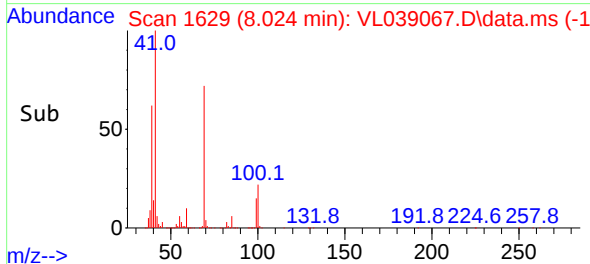
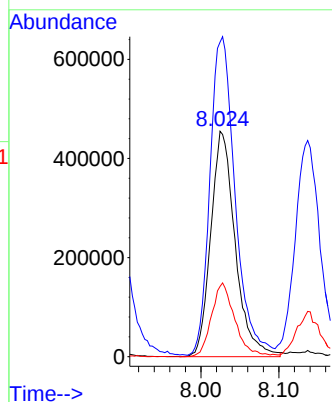
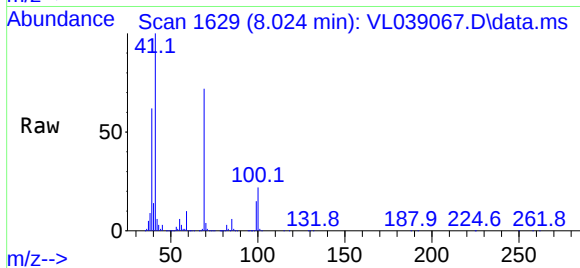
#43
Methyl Methacrylate
Concen: 10.400 ppbv
RT: 8.024 min Scan# 10
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 992185
Ion Ratio Lower Upper
69 100
41 146.5 121.9 182.9
100 31.4 24.6 36.8

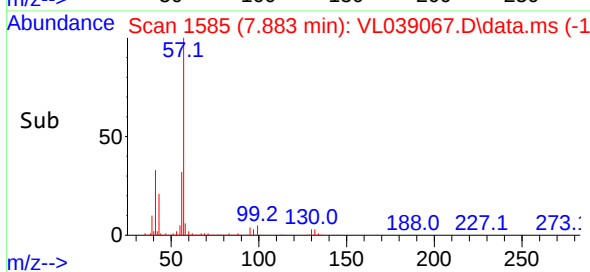
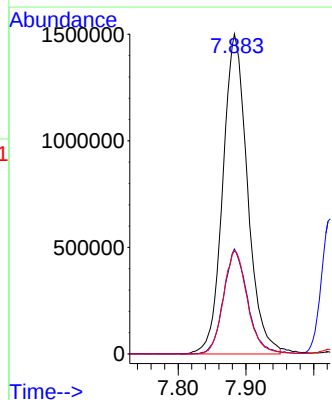
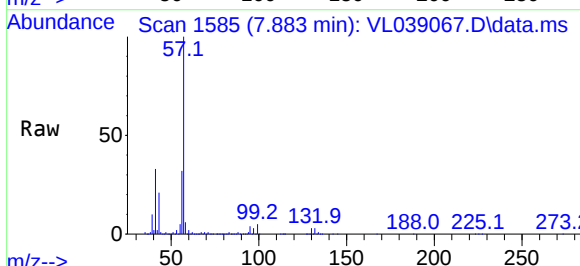
Manual Integrations
APPROVED

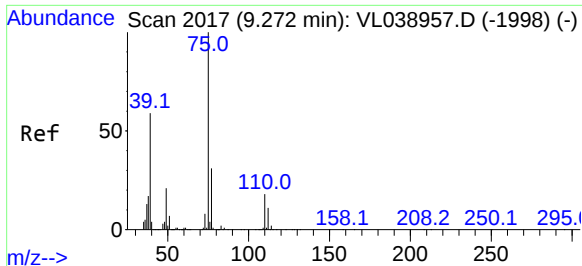
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.188 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 57 Resp: 3788751
Ion Ratio Lower Upper
57 100
41 31.9 26.3 39.5
56 31.6 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 8.186 ppbv
RT: 9.291 min Scan# 2017
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

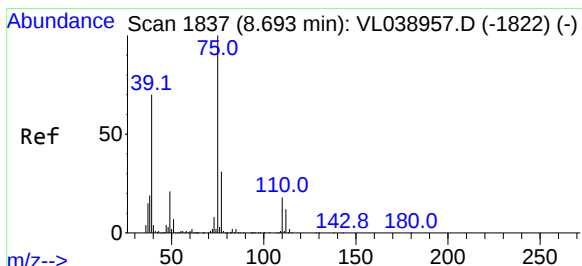
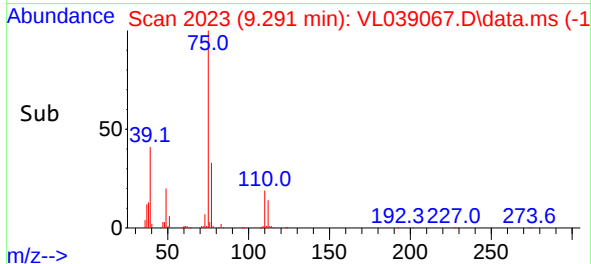
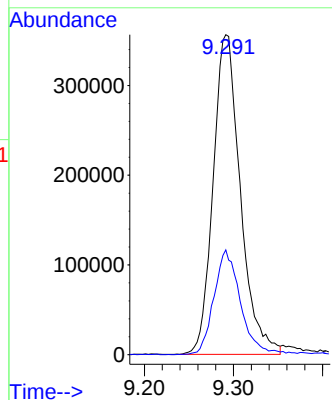
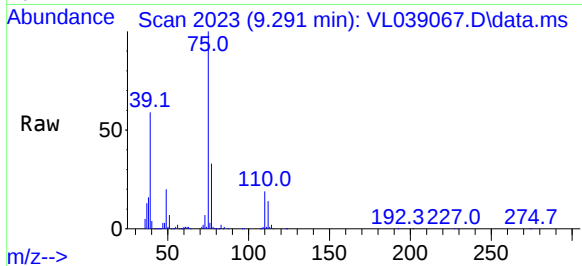
VSTDCCC010

Tgt Ion: 75 Resp: 75598
Ion Ratio Lower Upper
75 100
77 32.8 24.6 37.0

Manual Integrations

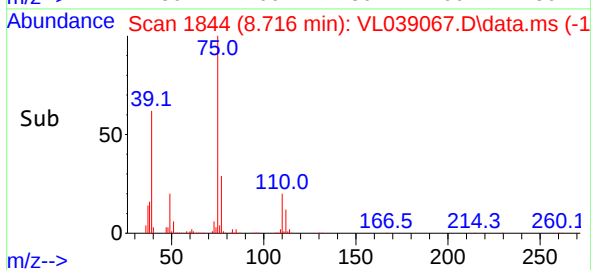
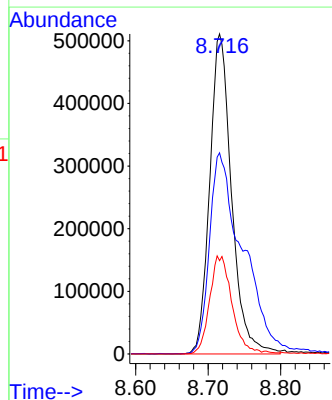
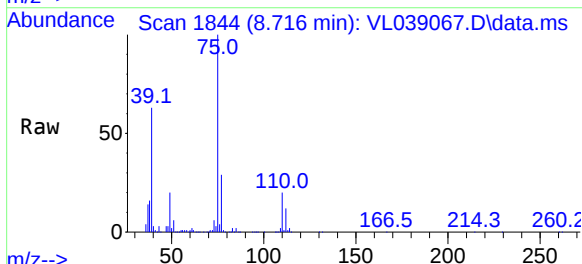
APPROVED

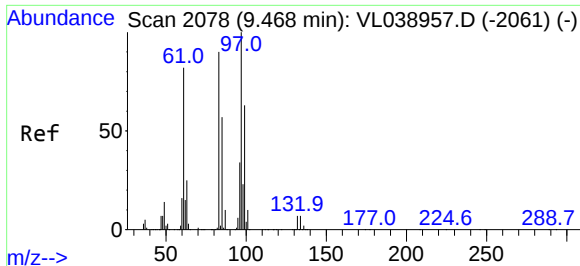
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#46
cis-1,3-Dichloropropene
Concen: 8.724 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

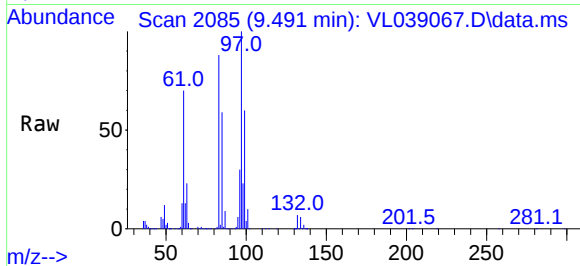
Tgt Ion: 75 Resp: 1068379
Ion Ratio Lower Upper
75 100
39 62.8 55.8 83.6
77 29.1 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 9.799 ppbv
RT: 9.491 min Scan# 2078
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

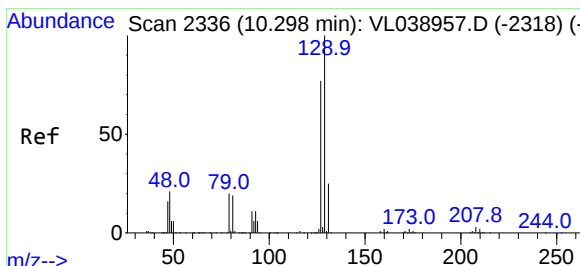
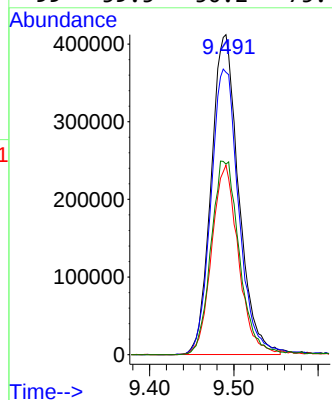
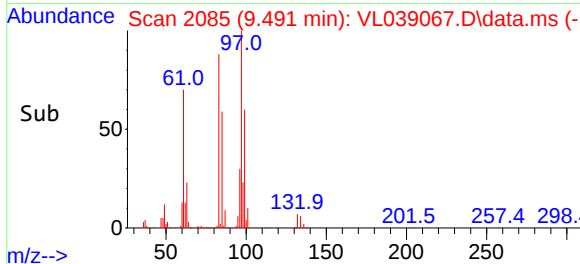
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 93190
Ion Ratio Lower Upper
97 100
83 88.1 72.0 108.0
85 59.1 45.7 68.5
99 59.5 50.2 75.4

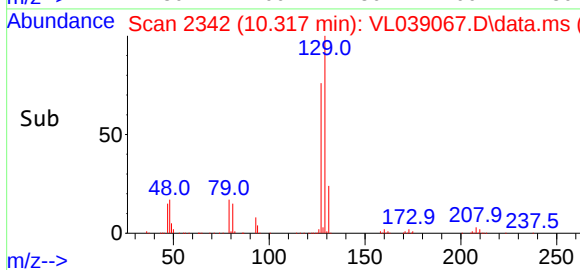
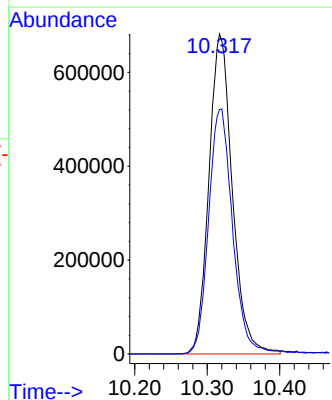
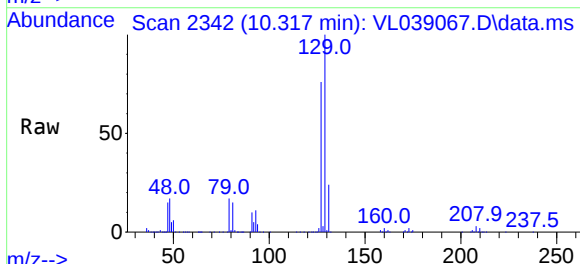
Manual Integrations
APPROVED

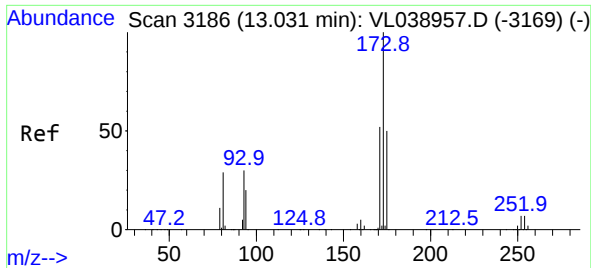
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#48
Dibromochloromethane
Concen: 9.899 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion:129 Resp: 1532344
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.9





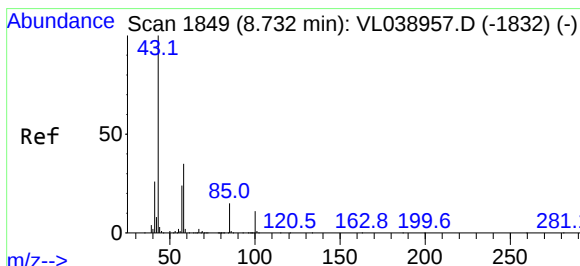
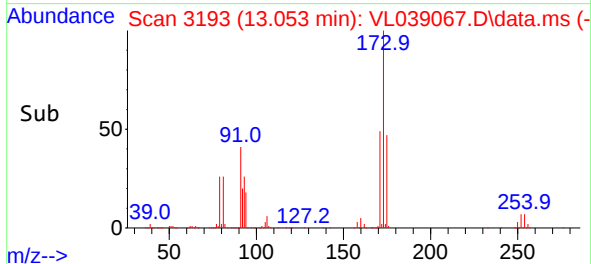
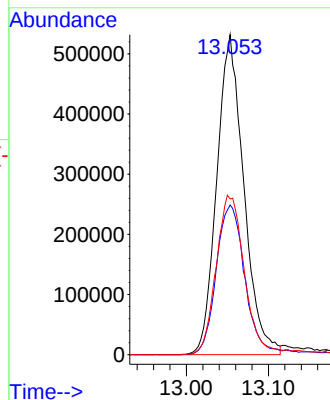
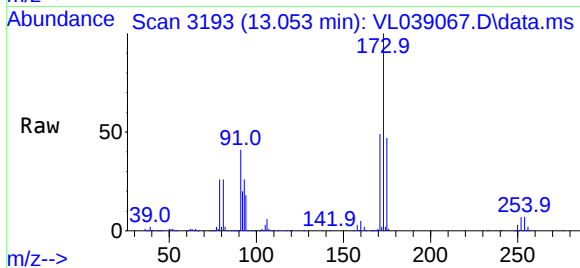
#49
Bromoform
Concen: 10.304 ppbv
RT: 13.053 min Scan# 3186
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 121640
Ion Ratio Lower Upper
173 100
175 51.7 41.0 61.6
171 54.7 42.6 64.0

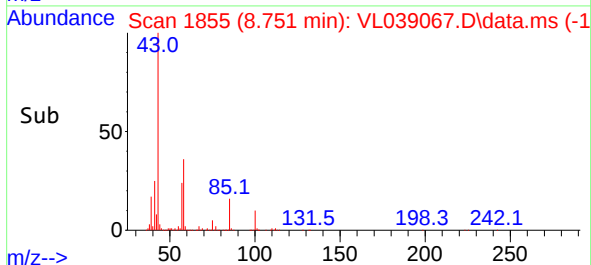
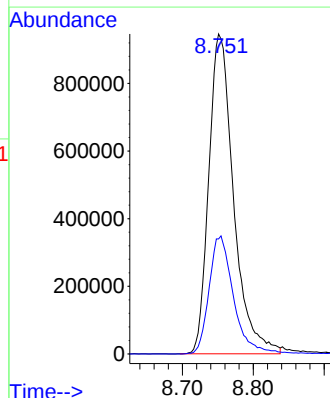
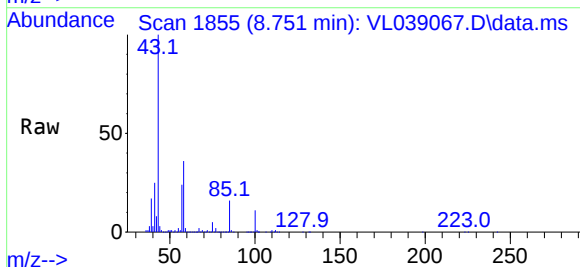
Manual Integrations
APPROVED

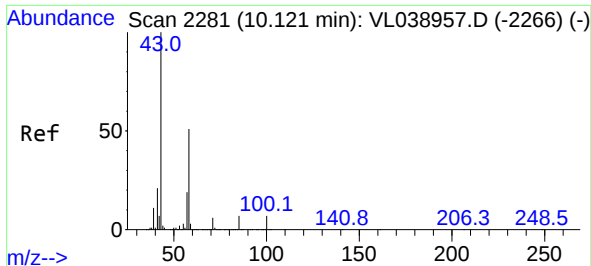
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#50
4-Methyl-2-Pentanone
Concen: 9.354 ppbv
RT: 8.751 min Scan# 1855
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 43 Resp: 2297967
Ion Ratio Lower Upper
43 100
58 36.8 28.4 42.6





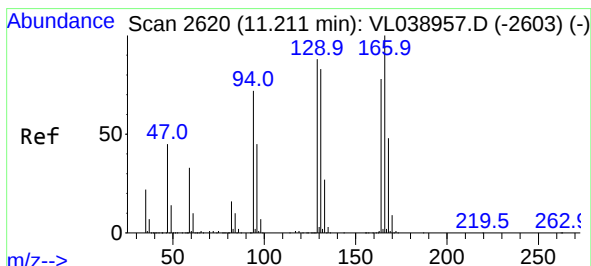
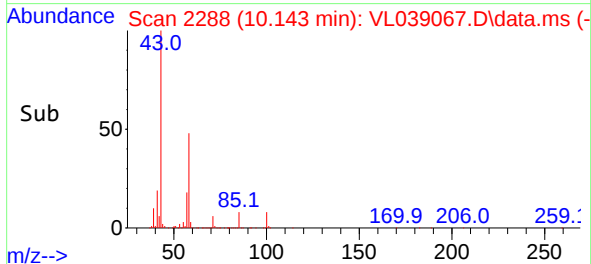
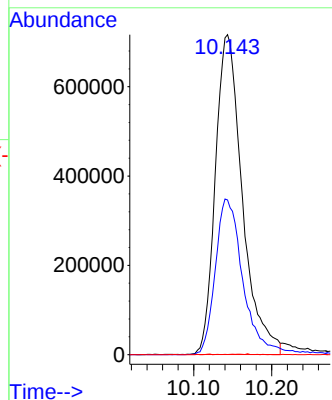
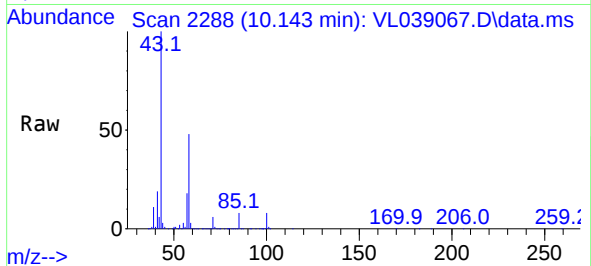
#51
2-Hexanone
Concen: 9.590 ppbv
RT: 10.143 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 171945
Ion Ratio Lower Upper
43 100
58 51.2 39.3 58.9
98 0.1 0.2 0.2

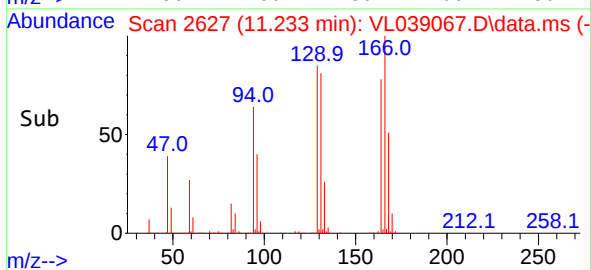
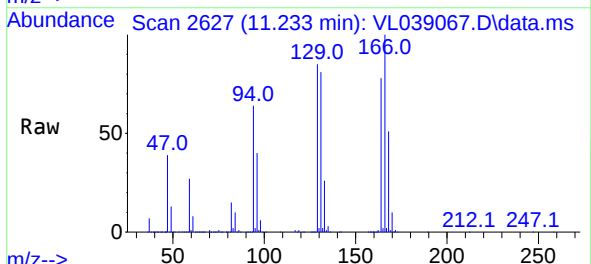
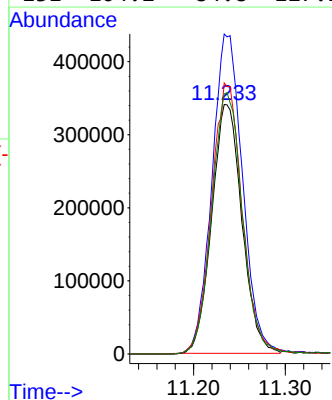
Manual Integrations
APPROVED

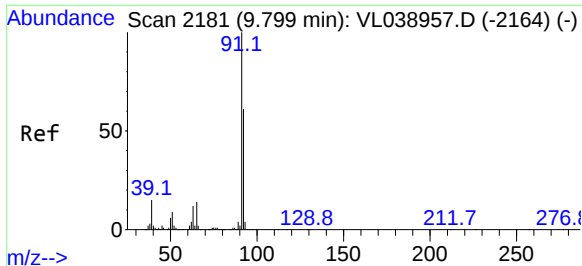
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#52
Tetrachloroethene
Concen: 9.283 ppbv
RT: 11.233 min Scan# 2627
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion:164 Resp: 779602
Ion Ratio Lower Upper
164 100
166 128.4 102.5 153.7
129 108.6 90.1 135.1
131 104.2 84.8 127.2





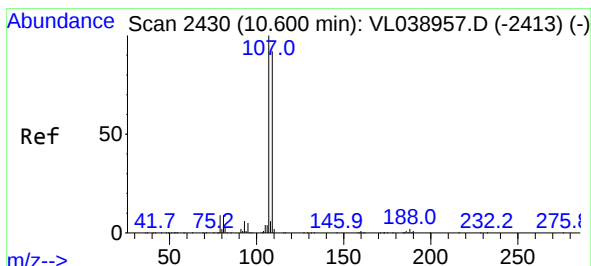
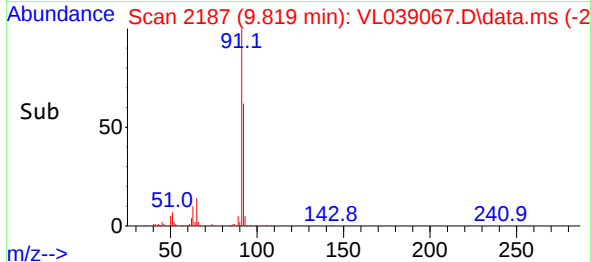
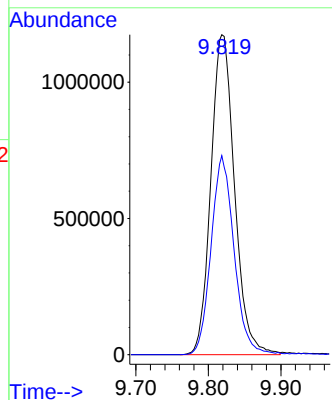
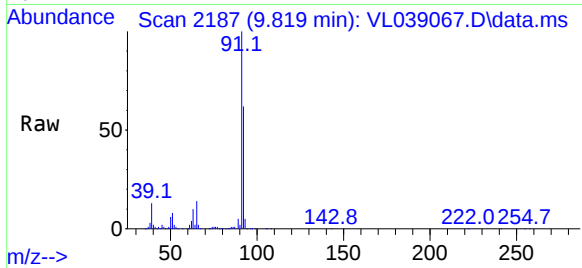
#53
Toluene
Concen: 10.121 ppbv
RT: 9.819 min Scan# 2181
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 266597
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.2

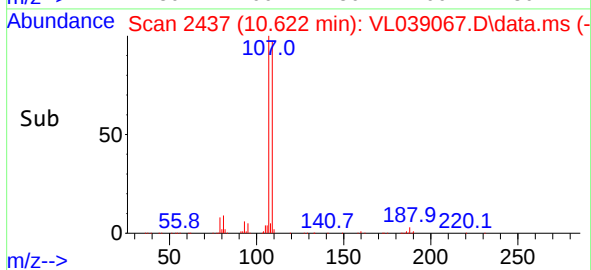
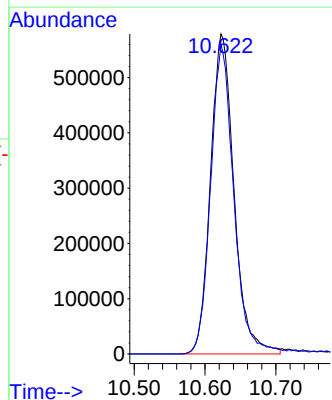
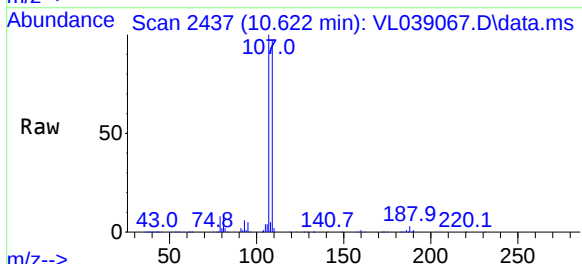
Manual Integrations
APPROVED

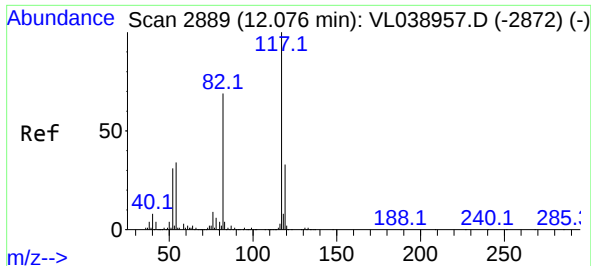
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#54
1,2-Dibromoethane
Concen: 10.329 ppbv
RT: 10.622 min Scan# 2437
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

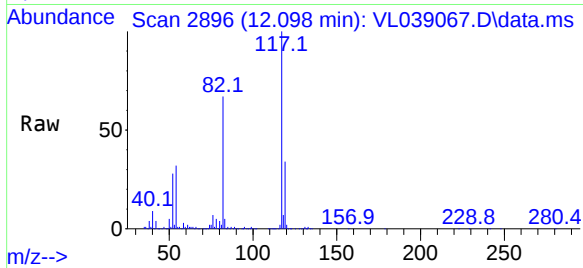
Tgt Ion:107 Resp: 1337370
Ion Ratio Lower Upper
107 100
109 96.8 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.098 min Scan# 2896
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

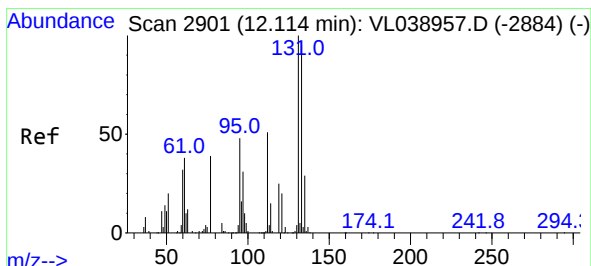
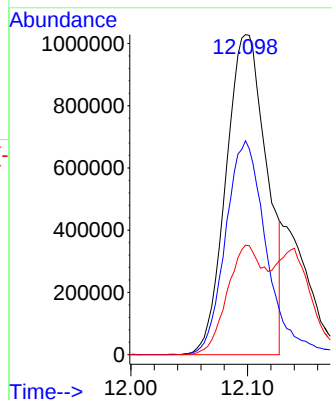
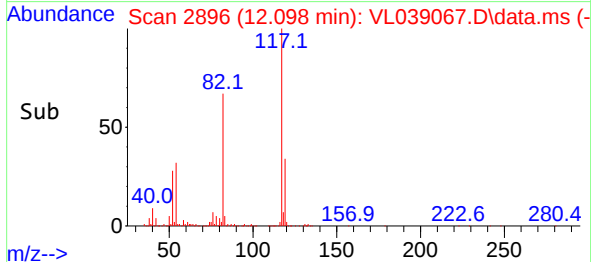
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



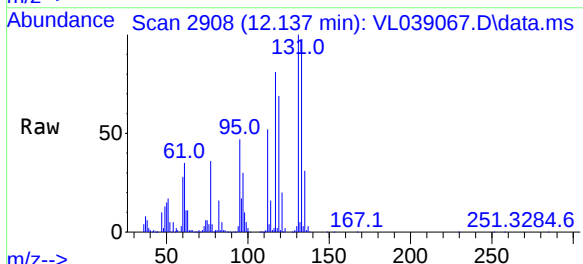
Tgt Ion:117 Resp: 2490659
Ion Ratio Lower Upper
117 100
82 69.1 57.0 85.6
119 30.7 27.2 40.8

Manual Integrations
APPROVED

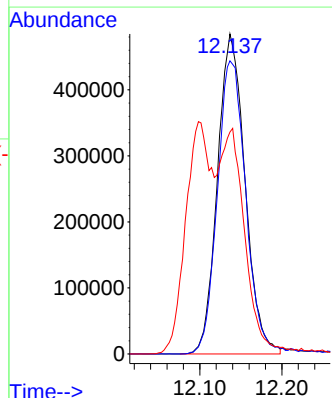
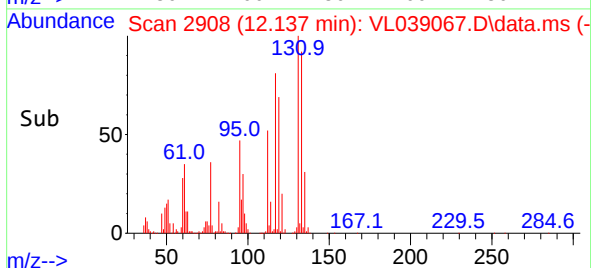
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

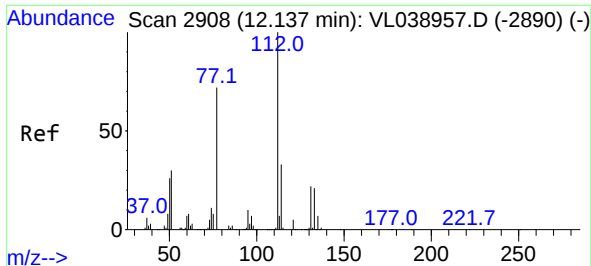


#56
1,1,1,2-Tetrachloroethane
Concen: 10.338 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion:131 Resp: 1129730
Ion Ratio Lower Upper
131 100
133 96.2 76.9 115.3
119 69.0 47.4 71.0





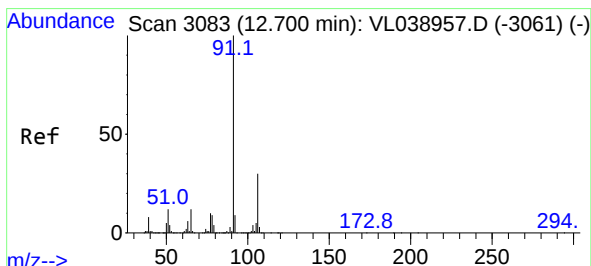
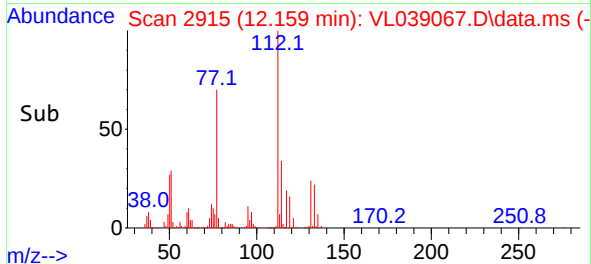
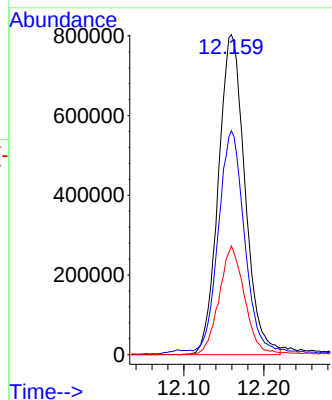
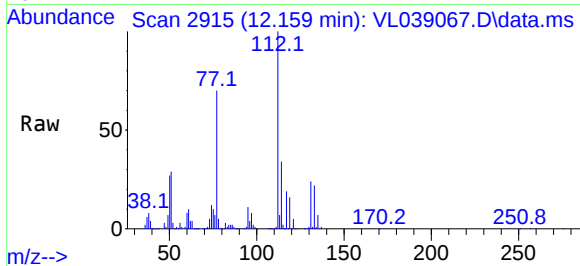
#57
Chlorobenzene
Concen: 9.920 ppbv
RT: 12.159 min Scan# 2915
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 112 Resp: 185205
Ion Ratio Lower Upper
112 100
77 68.6 57.7 86.5
114 34.0 30.1 36.7

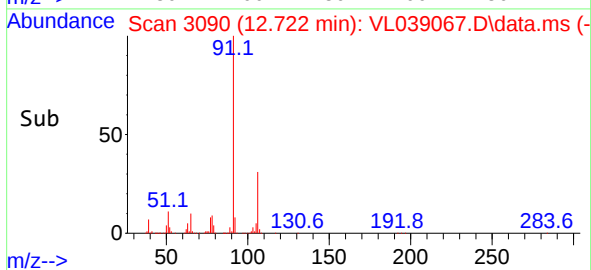
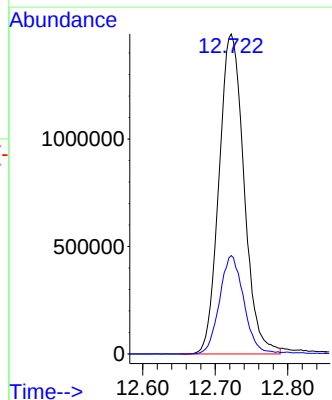
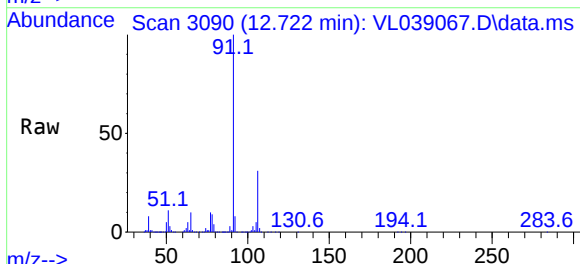
Manual Integrations
APPROVED

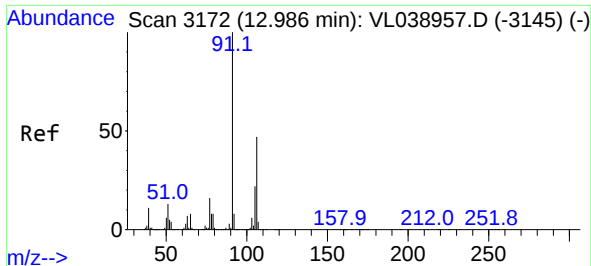
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#58
Ethyl Benzene
Concen: 9.942 ppbv
RT: 12.722 min Scan# 3090
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion: 91 Resp: 3563665
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4





#59

m/p-Xylene

Concen: 19.435 ppbv m

RT: 13.008 min Scan# 3179

Delta R.T. 0.022 min

Lab File: VL039067.D

Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 5947036

Ion Ratio Lower Upper

91 100

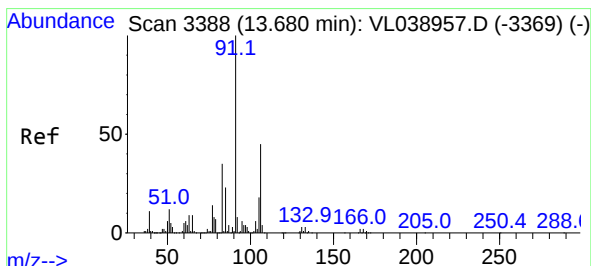
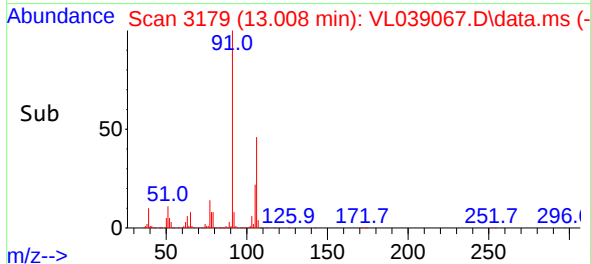
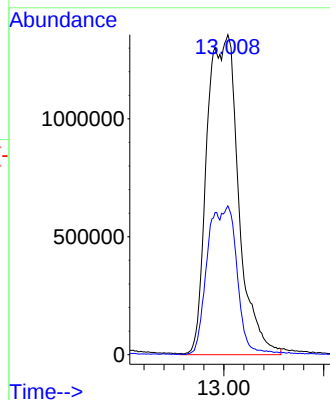
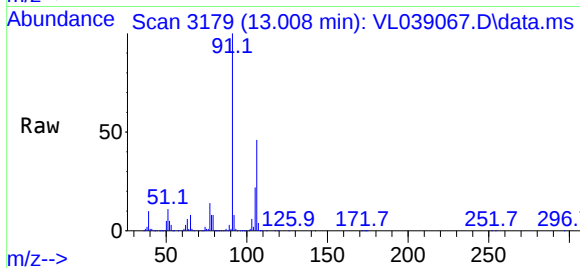
106 43.7 34.6 52.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/28/2022



#60

o-Xylene

Concen: 9.723 ppbv

RT: 13.703 min Scan# 3395

Delta R.T. 0.022 min

Lab File: VL039067.D

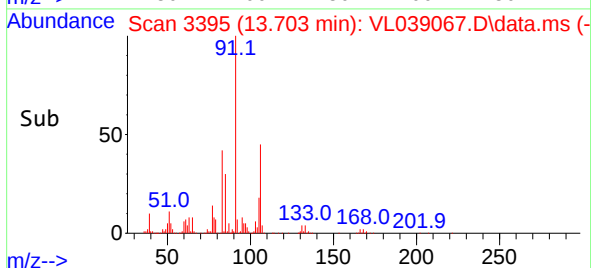
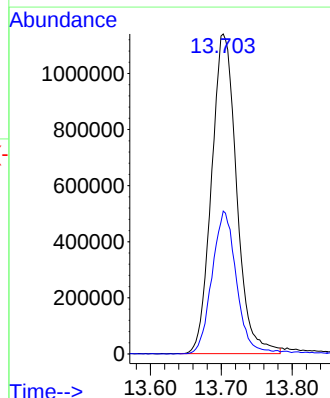
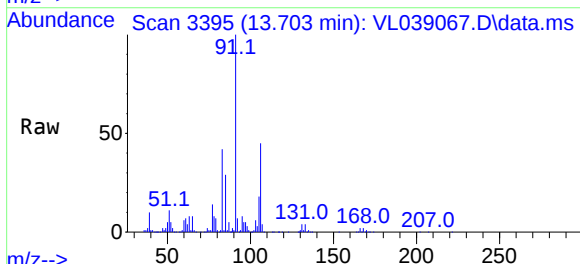
Acq: 17 May 2022 12:25

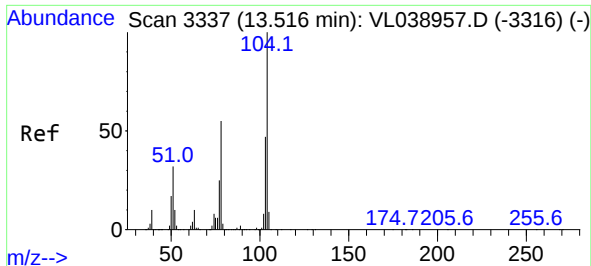
Tgt Ion: 91 Resp: 2800213

Ion Ratio Lower Upper

91 100

106 44.6 22.2 66.6





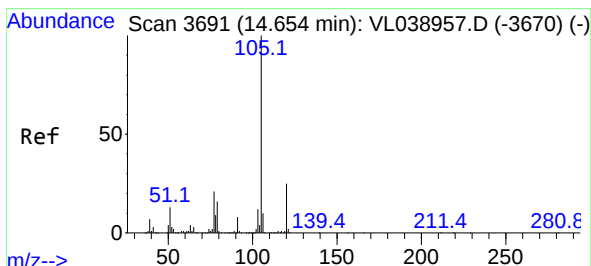
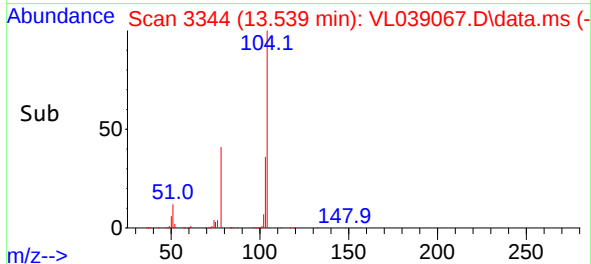
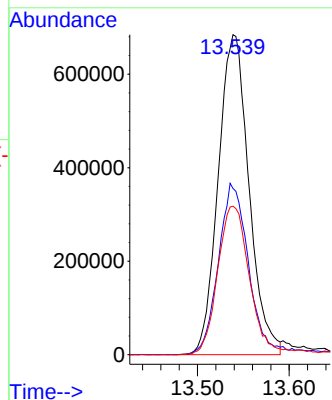
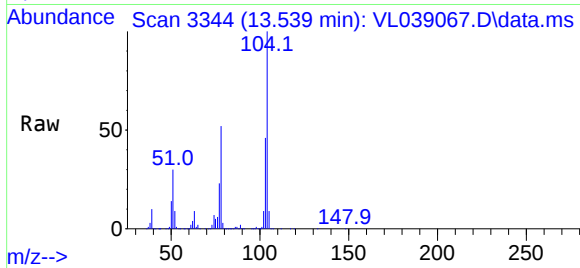
#61
Styrene
Concen: 10.365 ppbv
RT: 13.539 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 159371
Ion Ratio Lower Upper
104 100
78 54.2 46.4 69.6
103 48.9 39.3 58.9

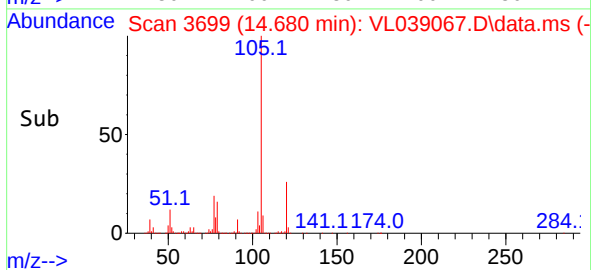
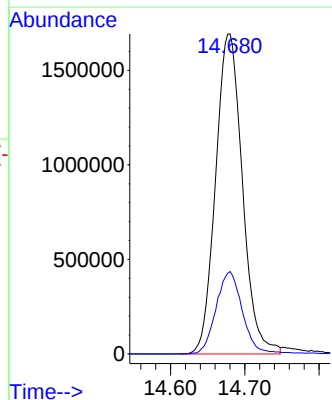
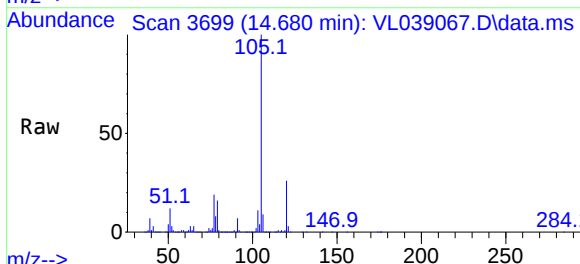
Manual Integrations
APPROVED

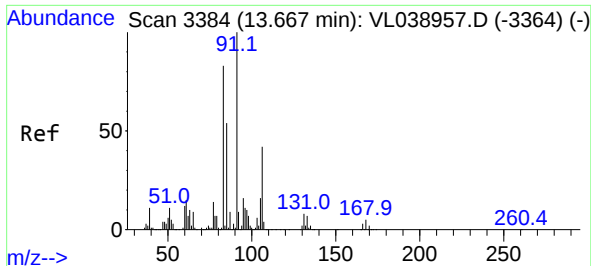
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#62
Isopropylbenzene
Concen: 10.078 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

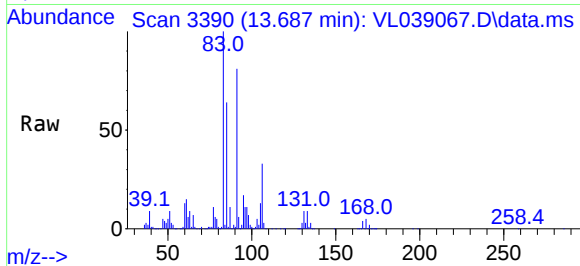
Tgt Ion:105 Resp: 4244562
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 11.307 ppbv
RT: 13.687 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

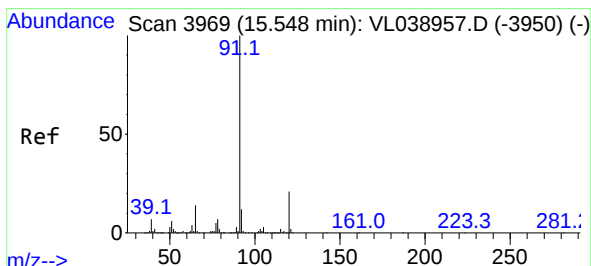
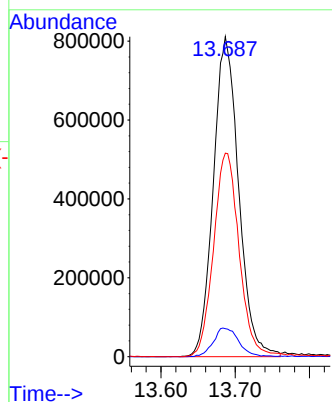
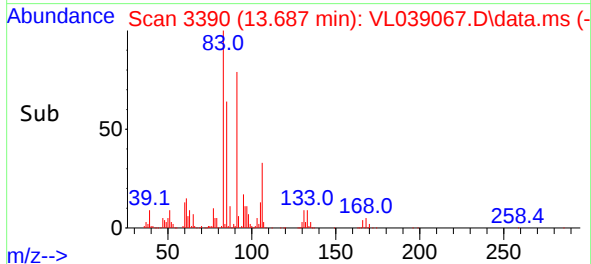
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



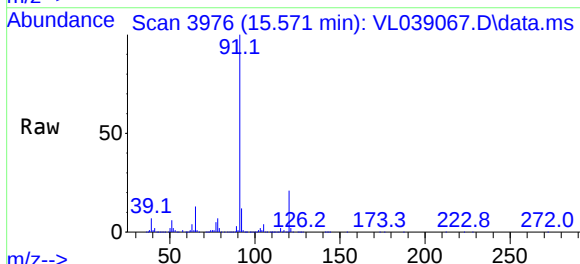
Tgt Ion: 83 Resp: 1917500
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.3 32.8 98.3

Manual Integrations
APPROVED

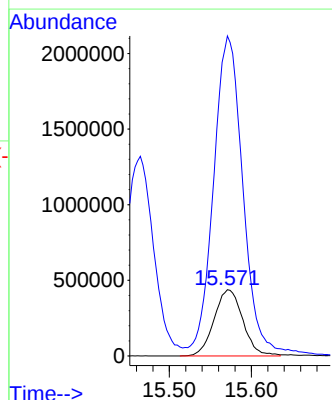
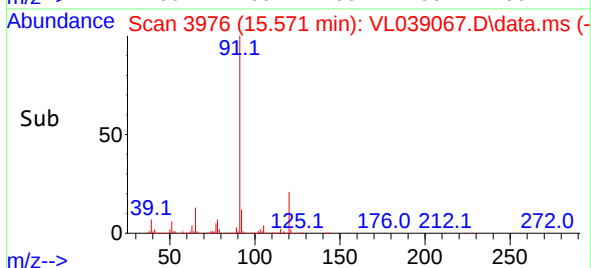
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

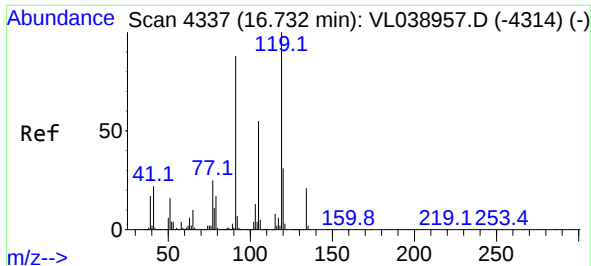


#64
n-propylbenzene
Concen: 10.483 ppbv
RT: 15.571 min Scan# 3976
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



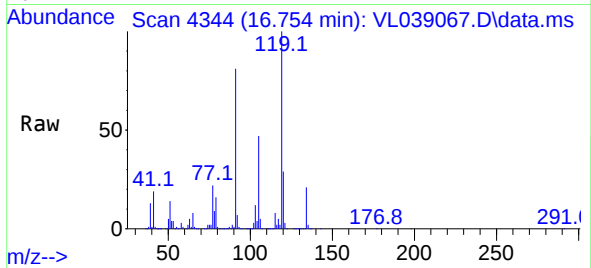
Tgt Ion:120 Resp: 1067398
Ion Ratio Lower Upper
120 100
91 499.2 400.6 601.0





#65
tert-Butylbenzene
Concen: 9.904 ppbv
RT: 16.754 min Scan# 411
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

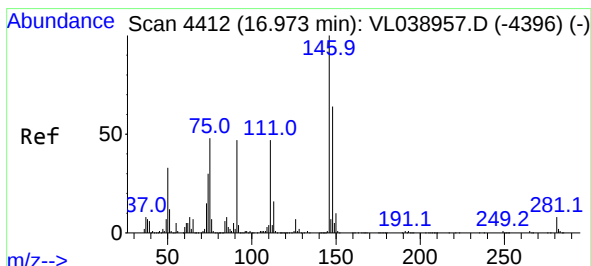
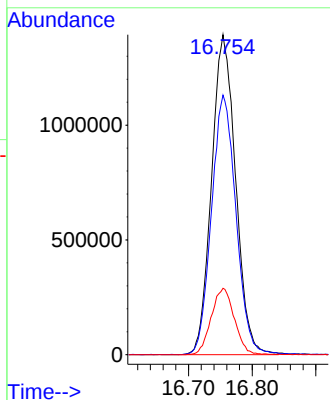
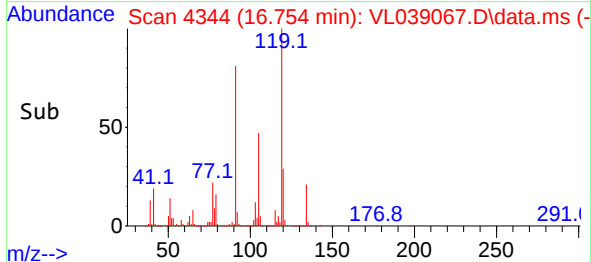
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



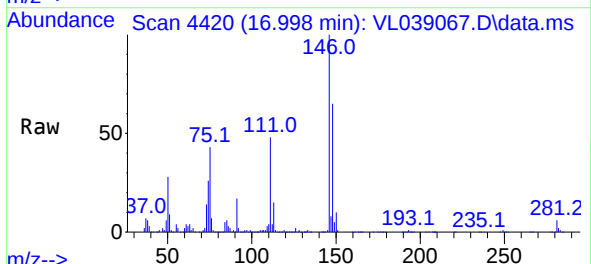
Tgt Ion:119 Resp: 3654778
Ion Ratio Lower Upper
119 100
91 82.8 69.4 104.2
134 20.0 15.8 23.8

Manual Integrations
APPROVED

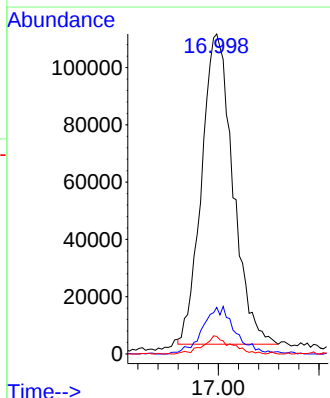
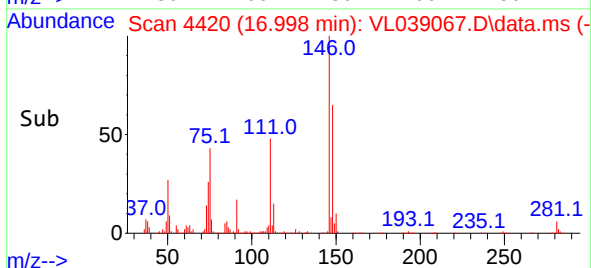
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

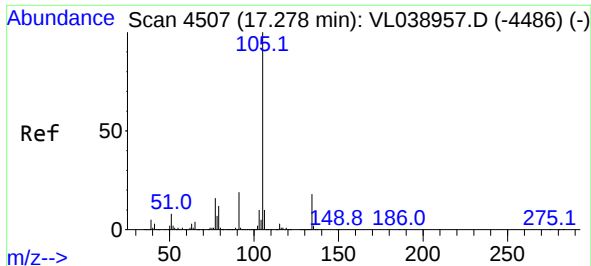


#66
Benzyl Chloride
Concen: 4.865 ppbv
RT: 16.998 min Scan# 4420
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



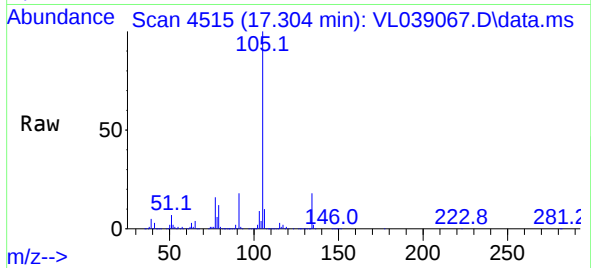
Tgt Ion: 91 Resp: 234669
Ion Ratio Lower Upper
91 100
126 16.1 11.8 17.6
128 5.3 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.983 ppbv
 RT: 17.304 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25

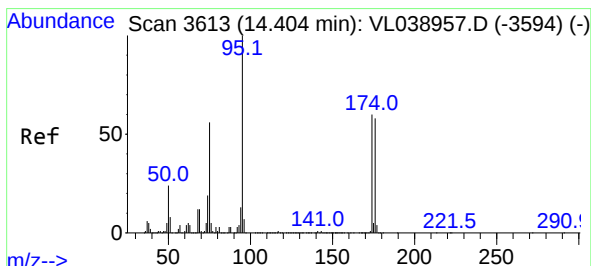
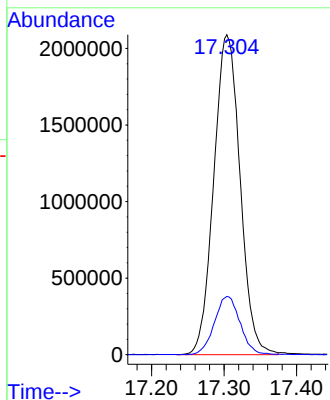
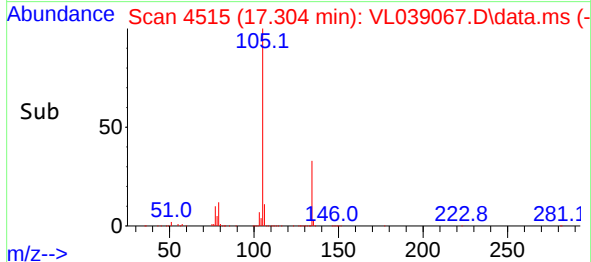
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



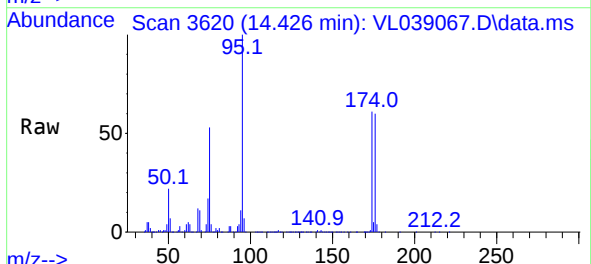
Tgt Ion:105 Resp: 5263214
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4

Manual Integrations
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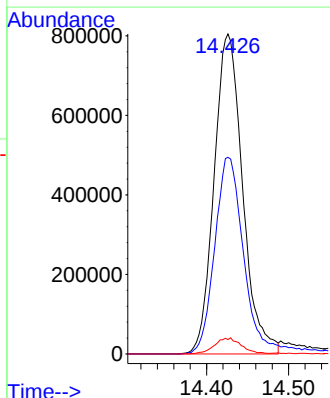
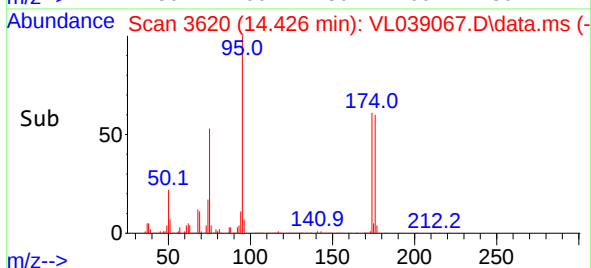
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/28/2022

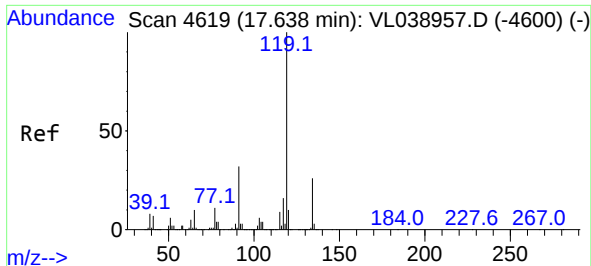


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.854 ppbv
 RT: 14.426 min Scan# 3620
 Delta R.T. 0.022 min
 Lab File: VL039067.D
 Acq: 17 May 2022 12:25



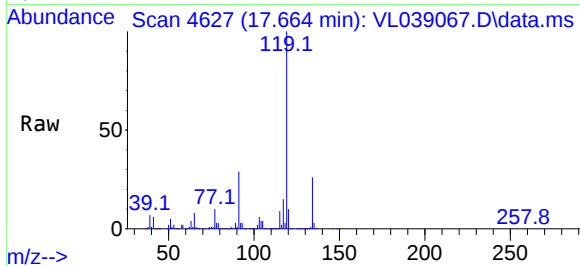
Tgt Ion: 95 Resp: 1943765
 Ion Ratio Lower Upper
 95 100
 174 64.9 50.8 76.2
 175 5.0 3.8 5.6





#69
p-Isopropyltoluene
Concen: 10.159 ppbv
RT: 17.664 min Scan# 410
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

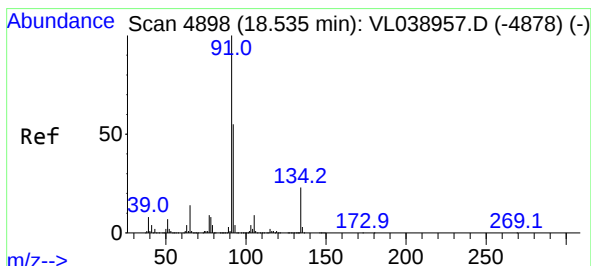
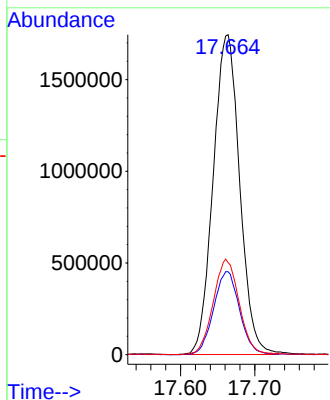
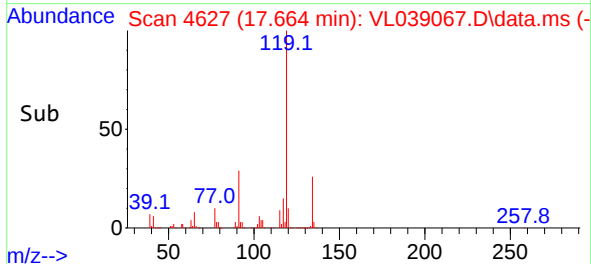
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



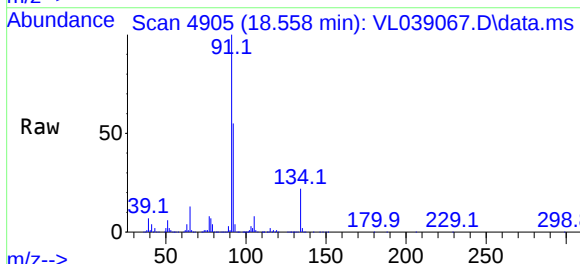
Tgt Ion: 119 Resp: 432716
Ion Ratio Lower Upper
119 100
134 25.5 20.0 30.0
91 29.2 24.8 37.2

Manual Integrations
APPROVED

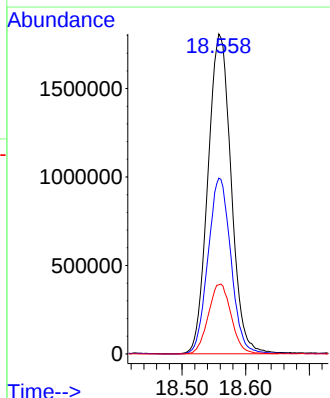
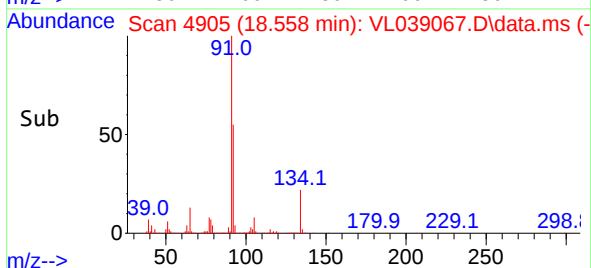
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

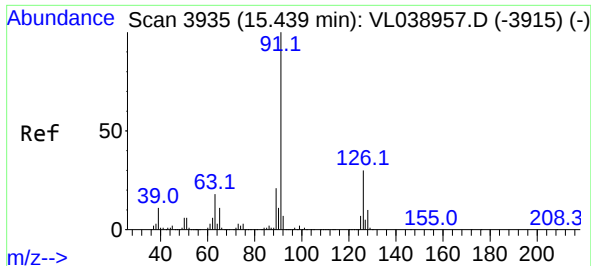


#70
n-Butylbenzene
Concen: 10.124 ppbv
RT: 18.558 min Scan# 4905
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion: 91 Resp: 4581111
Ion Ratio Lower Upper
91 100
92 54.6 43.1 64.7
134 21.8 17.0 25.4





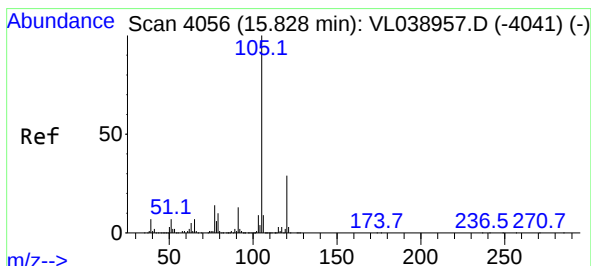
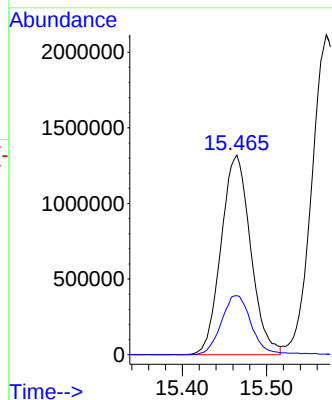
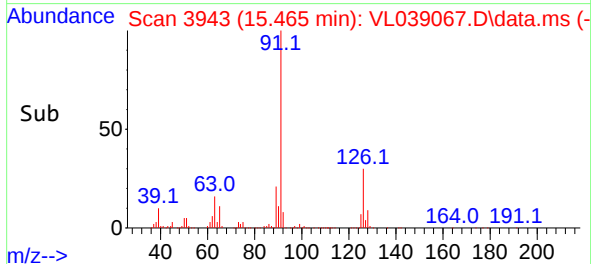
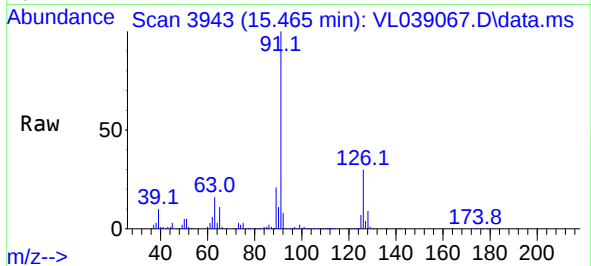
#71
2-Chlorotoluene
Concen: 9.884 ppbv
RT: 15.465 min Scan# 3935
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3209120
Ion Ratio Lower Upper
91 100
126 30.7 11.9 47.5

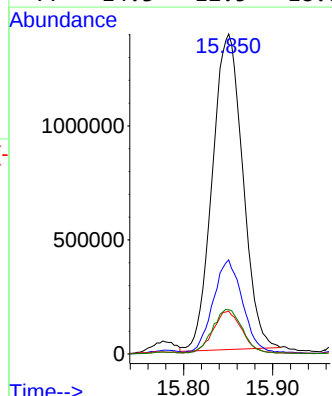
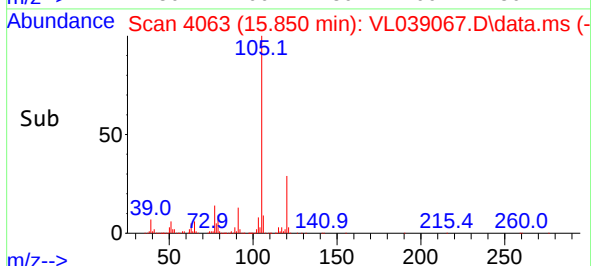
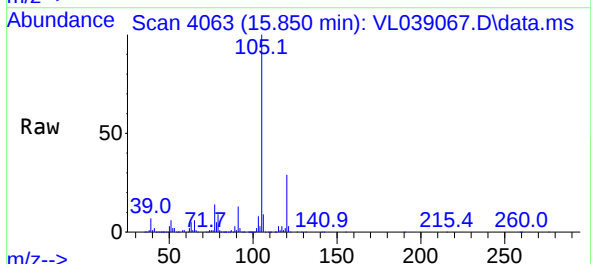
Manual Integrations
APPROVED

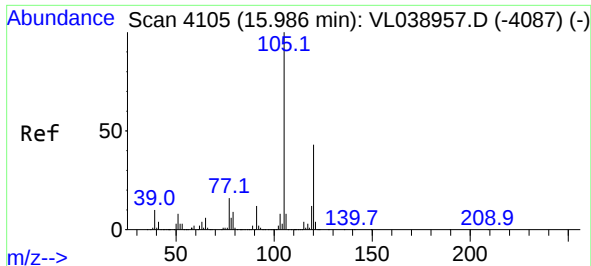
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#72
4-Ethyltoluene
Concen: 10.006 ppbv
RT: 15.850 min Scan# 4063
Delta R.T. 0.022 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Tgt Ion:105 Resp: 3283884
Ion Ratio Lower Upper
105 100
120 29.7 23.4 35.0
91 12.8 10.6 16.0
77 14.3 12.5 18.7





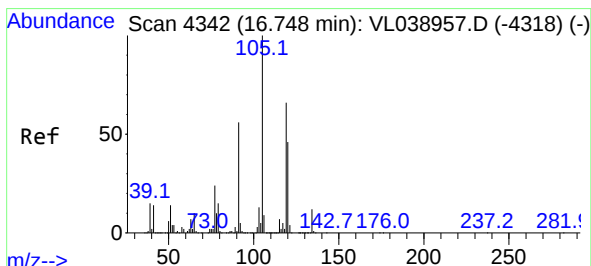
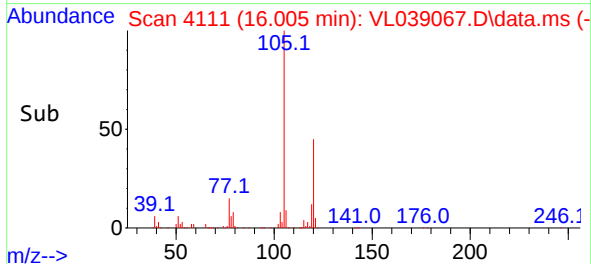
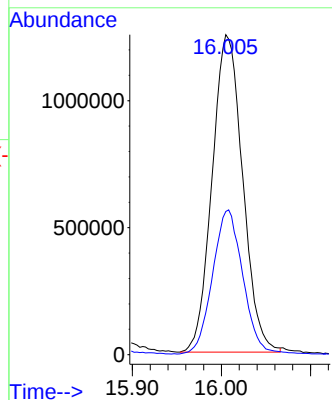
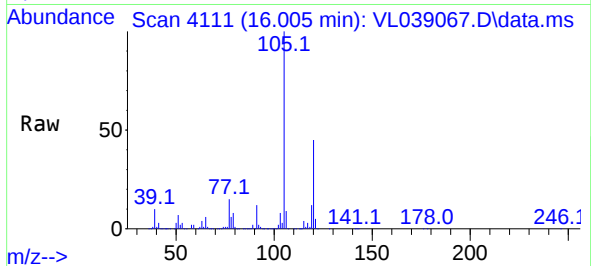
#73
1,3,5-Trimethylbenzene
Concen: 10.083 ppbv
RT: 16.005 min Scan# 4111
Delta R.T. 0.019 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2979174
Ion Ratio Lower Upper
105 100
120 44.8 34.4 51.6

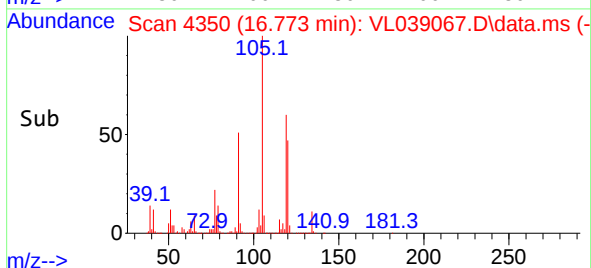
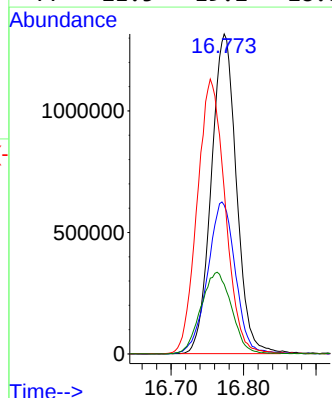
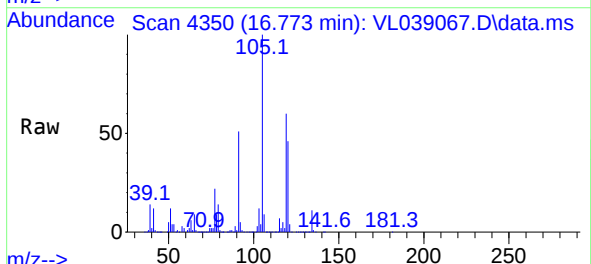
Manual Integrations
APPROVED

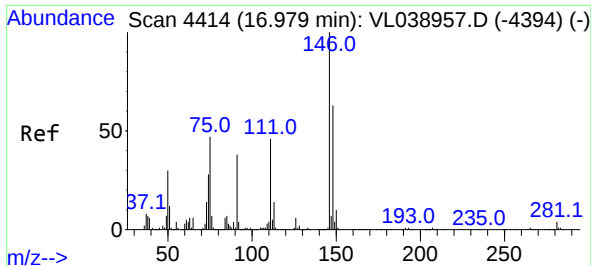
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.786 ppbv
RT: 16.773 min Scan# 4350
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

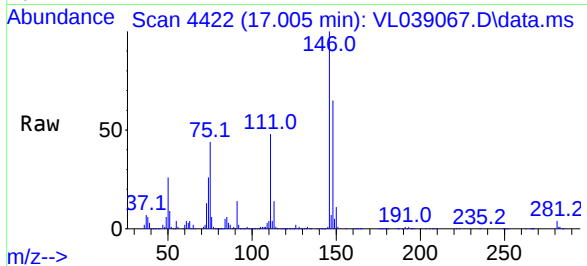
Tgt Ion:105 Resp: 3165841
Ion Ratio Lower Upper
105 100
120 46.1 36.9 55.3
91 51.1 45.0 67.4
77 21.5 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 10.275 ppbv
RT: 17.005 min Scan# 4414
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

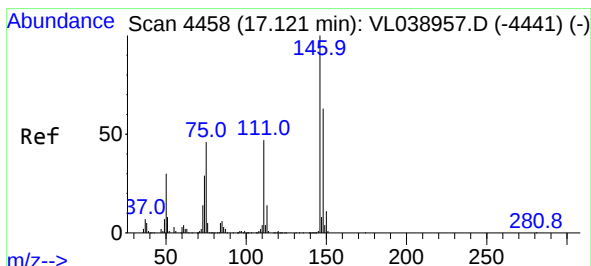
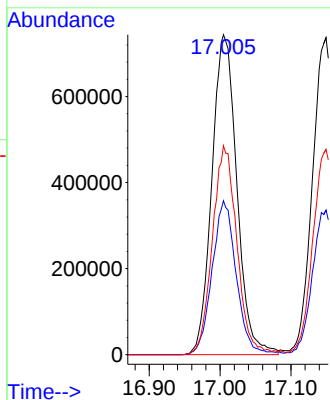
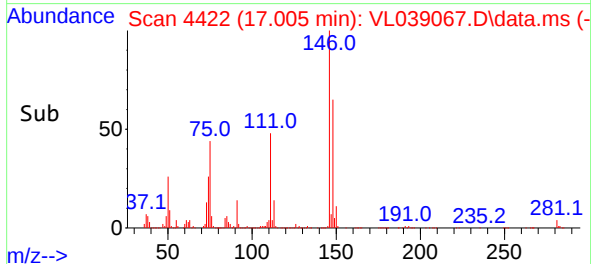
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



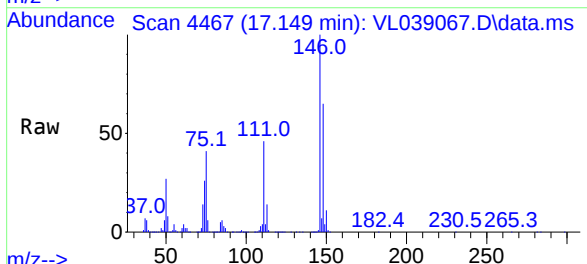
Tgt Ion:146 Resp: 1821297
Ion Ratio Lower Upper
146 100
111 46.6 24.1 72.2
148 64.1 32.4 97.2

Manual Integrations
APPROVED

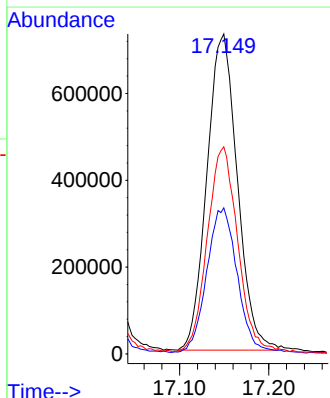
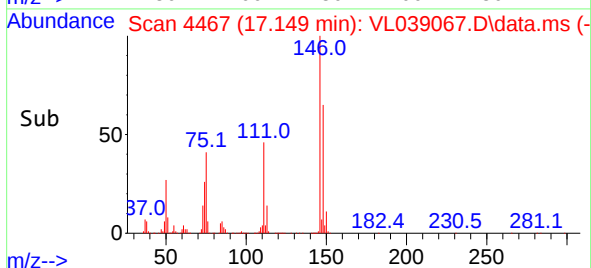
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

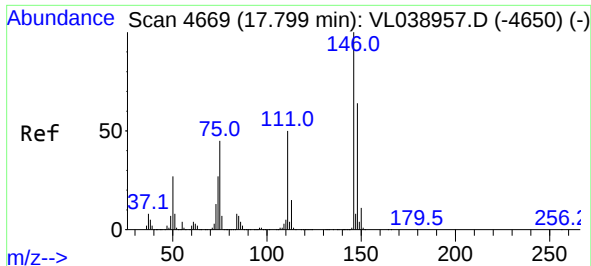


#76
1,4-Dichlorobenzene
Concen: 9.915 ppbv
RT: 17.149 min Scan# 4467
Delta R.T. 0.029 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion:146 Resp: 1728810
Ion Ratio Lower Upper
146 100
111 47.2 23.6 71.0
148 66.9 32.2 96.6





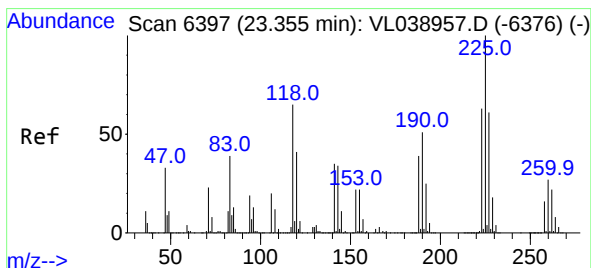
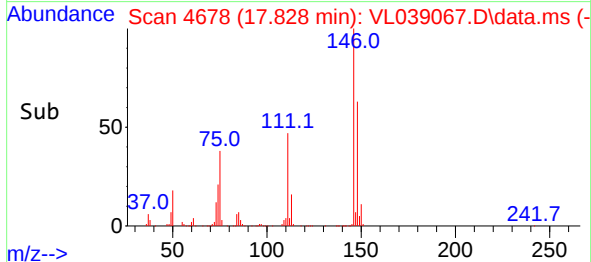
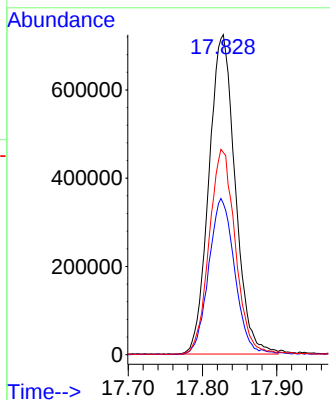
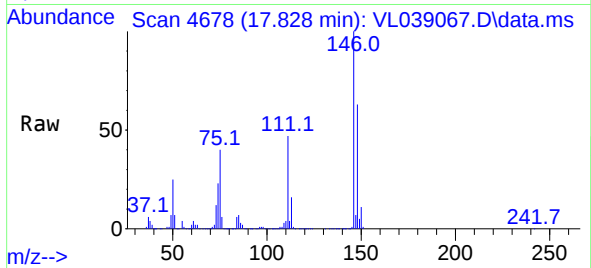
#77
1,2-Dichlorobenzene
Concen: 10.178 ppbv
RT: 17.828 min Scan# 407
Delta R.T. 0.029 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 178418
Ion Ratio Lower Upper
146 100
111 48.7 25.3 75.9
148 64.5 32.3 96.9

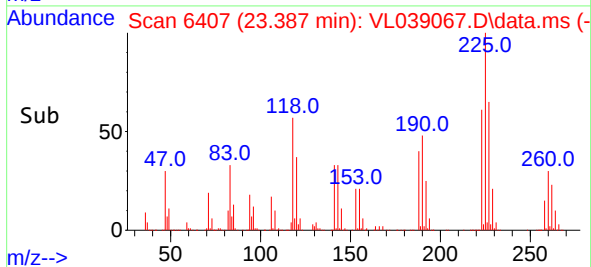
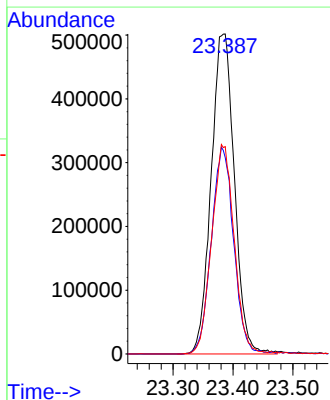
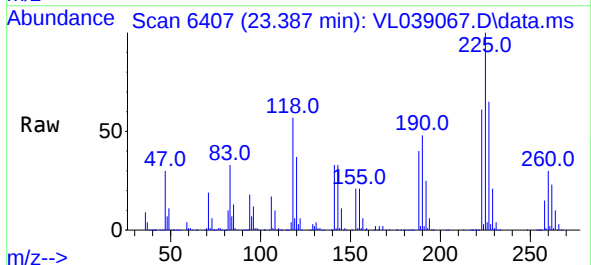
Manual Integrations
APPROVED

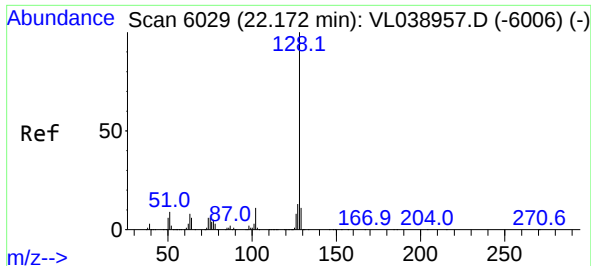
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.365 ppbv m
RT: 23.387 min Scan# 6407
Delta R.T. 0.032 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

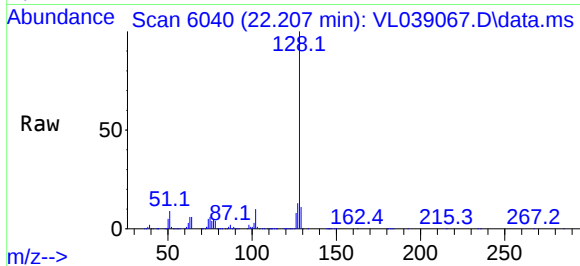
Tgt Ion:225 Resp: 1347736
Ion Ratio Lower Upper
225 100
223 62.8 51.4 77.0
227 63.8 51.4 77.0





#79
Naphthalene
Concen: 9.750 ppbv
RT: 22.207 min Scan# 6029
Delta R.T. 0.035 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25

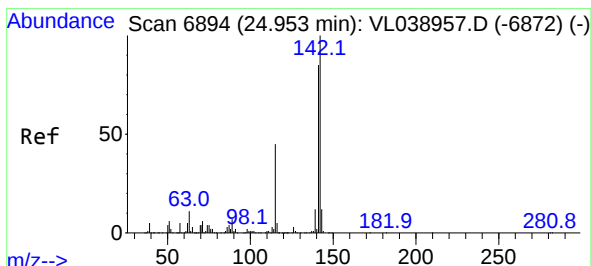
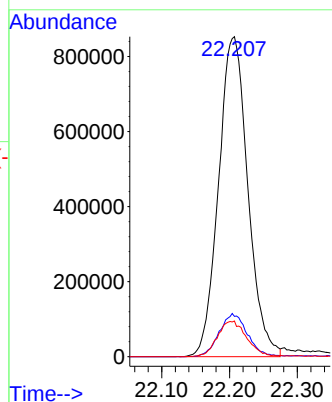
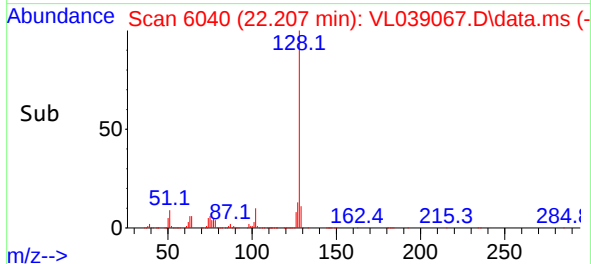
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



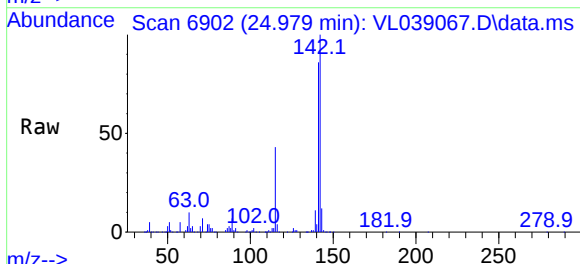
Tgt Ion:128 Resp: 2562095
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.2 8.9 13.3

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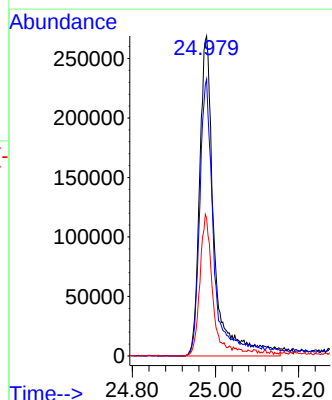
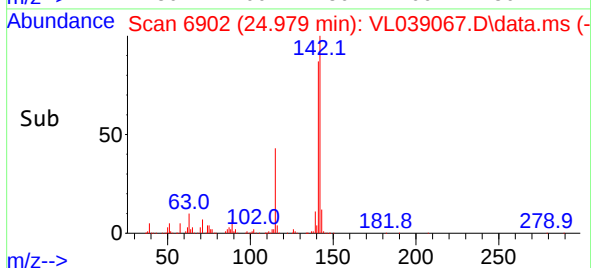
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/28/2022

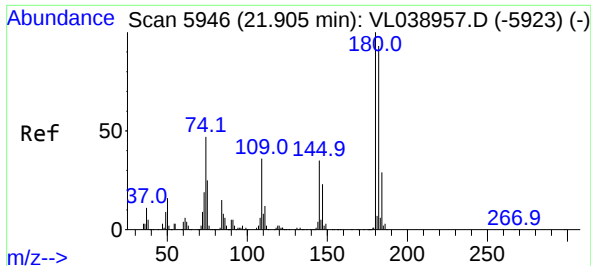


#80
Naphthalene,2-methyl-
Concen: 8.310 ppbv
RT: 24.979 min Scan# 6902
Delta R.T. 0.026 min
Lab File: VL039067.D
Acq: 17 May 2022 12:25



Tgt Ion:142 Resp: 660557
Ion Ratio Lower Upper
142 100
141 83.1 70.8 106.2
115 40.5 35.1 52.7





#81

1,2,4-Trichlorobenzene

Concen: 9.111 ppbv

RT: 21.931 min Scan# 5954

Delta R.T. 0.026 min

Lab File: VL039067.D

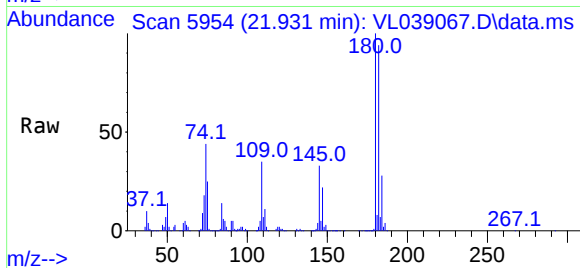
Acq: 17 May 2022 12:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 140286

Ion Ratio Lower Upper

180 100

182 97.1 78.4 117.6

184 30.2 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/28/2022

