

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039083.D
 Acq On : 23 May 2022 11:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: May 24 05:57:17 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 12:57:36 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 05/26/2022

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

Internal Standards						
1) Bromochloromethane	5.649	49	1029314	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.160	114	2434547	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.060	117	2383624m	10.000	ppbv	-0.02

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 14.388 95 1904683 10.090 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	1579731	9.795	ppbv	96
3) Chlorodifluoromethane	2.983	51	1215543	9.517	ppbv	98
4) Chloromethane	3.134	50	598913	9.363	ppbv	97
5) Vinyl Chloride	3.250	62	604731	10.354	ppbv	96
6) Bromomethane	3.465	94	307555	11.147	ppbv	95
7) Chloroethane	3.546	64	221378	11.324	ppbv	99
8) Dichlorotetrafluoroethane	3.182	85	1497297	10.244	ppbv	99
9) Propene	3.006	41	496365	8.899	ppbv	96
10) Heptane	8.102	43	1239172	9.055	ppbv	97
11) Trichlorofluoromethane	3.941	101	1486928	10.746	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.475	101	1000130	10.492	ppbv	99
13) Ethanol	3.594	45	34476m	8.734	ppbv	
14) Bromoethene	3.732	108	440753	11.213	ppbv	99
15) Acetone	3.835	43	1037099	10.681	ppbv	100
16) 1,3-Butadiene	3.321	39	561001	10.057	ppbv	99
17) tert-Butyl alcohol	4.269	59	876888	11.751	ppbv	98
18) 1,1-Dichloroethene	4.279	96	440978	10.749	ppbv	98
19) Isopropyl Alcohol	3.951	45	538558	11.666	ppbv #	97
20) Methylene Chloride	4.333	84	370775	10.132	ppbv	96
21) Allyl Chloride	4.401	41	697104	10.536	ppbv	99
22) trans-1,2-Dichloroethene	4.874	96	461123	10.406	ppbv	97
23) Vinyl Acetate	5.060	43	845759	11.009	ppbv #	97
24) 1,1-Dichloroethane	4.996	63	917529	10.372	ppbv	100
25) Ethyl Acetate	5.658	43	2275059	9.790	ppbv	100
26) Hexane	5.671	57	972310	9.416	ppbv	100
27) Carbon Disulfide	4.536	76	1097550	11.189	ppbv	100
28) Methyl tert-Butyl Ether	5.022	73	840349	10.697	ppbv	98
29) Chloroform	5.735	83	1667806	9.983	ppbv	97
30) Cyclohexane	7.111	84	806795	9.332	ppbv	96
31) cis-1,2-Dichloroethene	5.533	61	1027778	9.770	ppbv	98
32) 1,1,1-Trichloroethane	6.494	97	1720742	10.301	ppbv	100
34) 2-Butanone	5.227	43	1383553	11.139	ppbv	100
35) Carbon Tetrachloride	7.002	117	1769969	11.034	ppbv	100
36) Benzene	6.874	78	1947739	9.349	ppbv	98
37) 1,2-Dichloroethane	6.288	62	1368261	10.614	ppbv	99
38) Trichloroethene	7.816	130	875840	9.456	ppbv	97
39) 1,2-Dichloropropane	7.594	63	754458	9.307	ppbv	93
40) 1,4-Dioxane	7.809	88	284224	9.762	ppbv	99
41) Tetrahydrofuran	6.031	42	784922	9.403	ppbv	99
42) Bromodichloromethane	7.771	83	1838981	10.435	ppbv	98
43) Methyl Methacrylate	7.992	69	818332	9.675	ppbv	98
44) 2,2,4-Trimethylpentane	7.848	57	3381651	9.250	ppbv	99
45) t-1,3-Dichloropropene	9.256	75	968844	11.833	ppbv	95

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Manual Integrations
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 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 24 05:57:17 2022

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

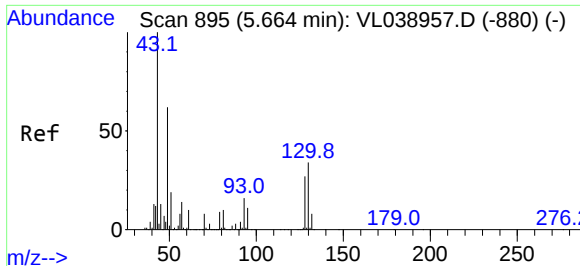
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 12:57:36 2022

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

Response via : Initial Calibration

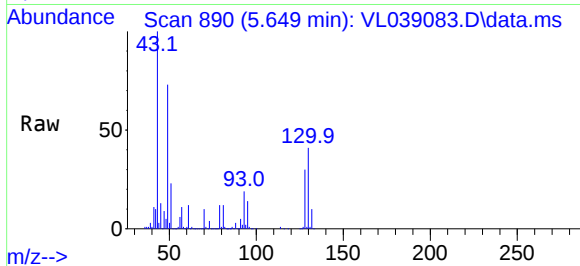
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.684	75	1165770	10.737	ppbv	97
47) 1,1,2-Trichloroethane	9.452	97	794532	9.424	ppbv	99
48) Dibromochloromethane	10.282	129	1446254	10.539	ppbv	99
49) Bromoform	13.012	173	1137887	10.872	ppbv	99
50) 4-Methyl-2-Pentanone	8.716	43	2103328	9.657	ppbv	100
51) 2-Hexanone	10.105	43	1663560	10.465	ppbv #	98
52) Tetrachloroethene	11.201	164	684126	9.189	ppbv	99
53) Toluene	9.783	91	2212745	9.476	ppbv	100
54) 1,2-Dibromoethane	10.584	107	1136612	9.902	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.098	131	974745	9.320	ppbv	97
57) Chlorobenzene	12.121	112	1618313	9.057	ppbv	99
58) Ethyl Benzene	12.684	91	3015596	8.791	ppbv	96
59) m/p-Xylene	12.970	91	5280289m	18.031	ppbv	
60) o-Xylene	13.664	91	2493846	9.048	ppbv	99
61) Styrene	13.504	104	1423947	9.677	ppbv	99
62) Isopropylbenzene	14.642	105	3596548	8.923	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.648	83	1388582	8.556	ppbv	99
64) n-propylbenzene	15.532	120	901580	9.252	ppbv	99
65) tert-Butylbenzene	16.719	119	3221917	9.123	ppbv	100
66) Benzyl Chloride	16.960	91	533089	11.548	ppbv	98
67) sec-Butylbenzene	17.269	105	4591314	9.100	ppbv	99
69) p-Isopropyltoluene	17.626	119	3832585	9.402	ppbv	99
70) n-Butylbenzene	18.519	91	4224644	9.755	ppbv	100
71) 2-Chlorotoluene	15.423	91	2783482m	8.958	ppbv	
72) 4-Ethyltoluene	15.812	105	2922287	9.304	ppbv	99
73) 1,3,5-Trimethylbenzene	15.966	105	2702346	9.557	ppbv	100
74) 1,2,4-Trimethylbenzene	16.738	105	2921628	9.437	ppbv #	91
75) 1,3-Dichlorobenzene	16.966	146	1635604	9.642	ppbv	100
76) 1,4-Dichlorobenzene	17.111	146	1598478	9.579	ppbv	97
77) 1,2-Dichlorobenzene	17.790	146	1617860	9.643	ppbv	99
78) Hexachloro-1,3-Butadiene	23.346	225	1533673	9.947	ppbv	100
79) Naphthalene	22.159	128	3185553	12.667	ppbv	98
80) Naphthalene,2-methyl-	24.947	142	889798	11.696	ppbv	94
81) 1,2,4-Trichlorobenzene	21.892	180	1685745	11.439	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.649 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

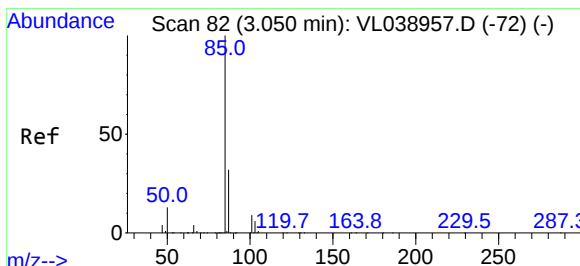
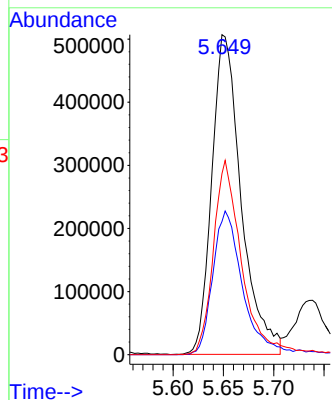
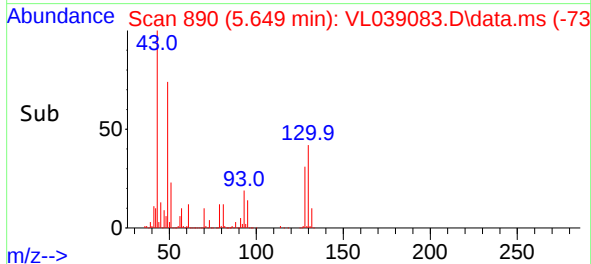
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



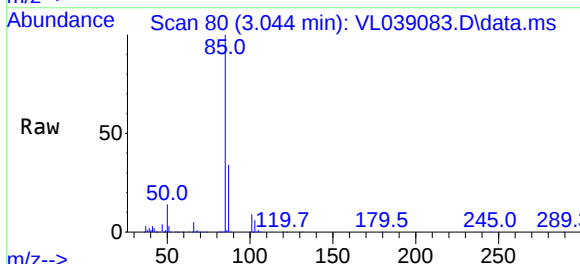
Tgt Ion: 49 Resp: 1029314
Ion Ratio Lower Upper
49 100
128 47.2 23.3 69.8
130 59.5 29.8 89.3

Manual Integrations
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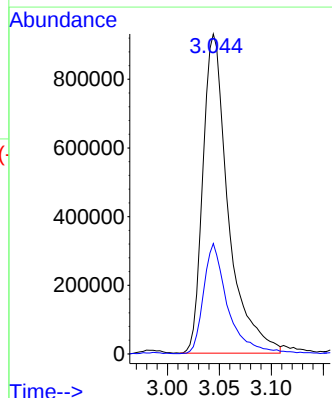
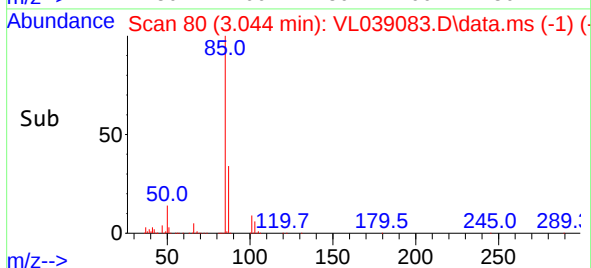
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

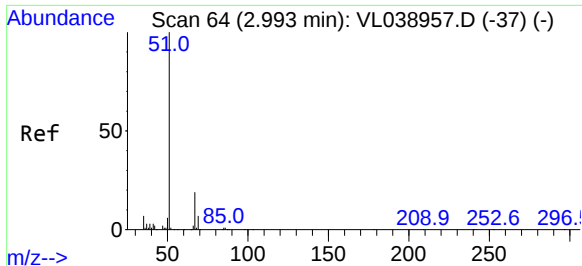


#2
Dichlorodifluoromethane
Concen: 9.795 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



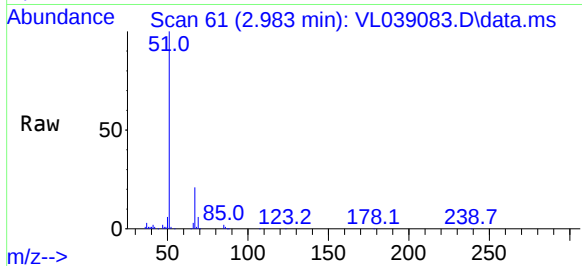
Tgt Ion: 85 Resp: 1579731
Ion Ratio Lower Upper
85 100
87 34.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.517 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

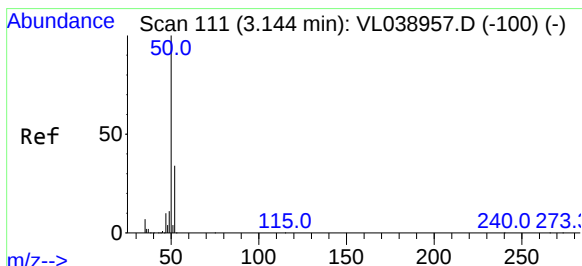
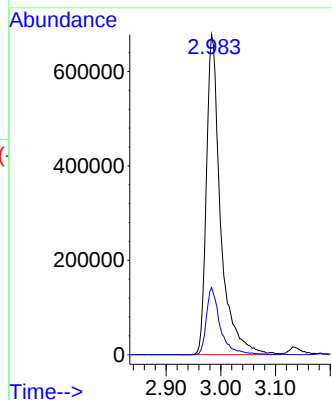
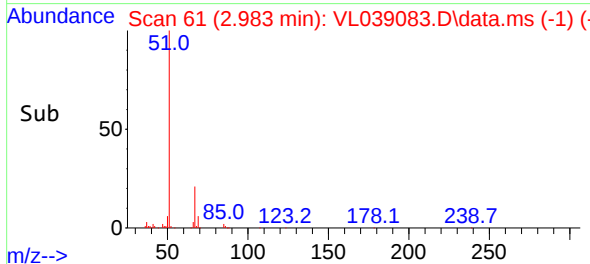
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 121554
Ion Ratio Lower Upper
51 100
67 20.5 15.8 23.8

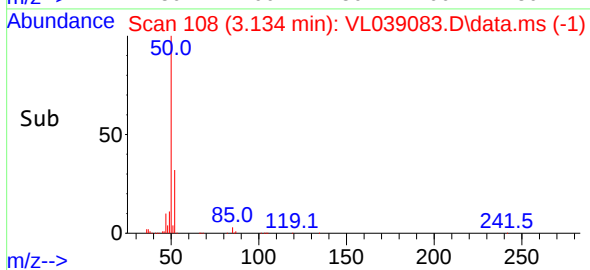
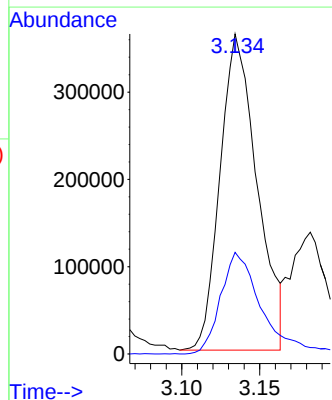
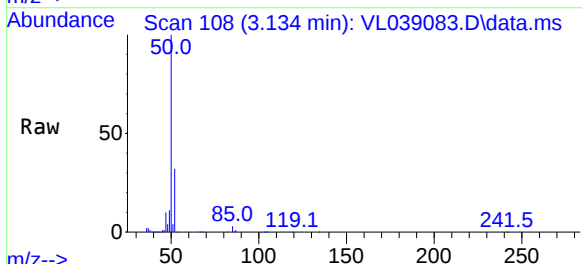
Manual Integrations
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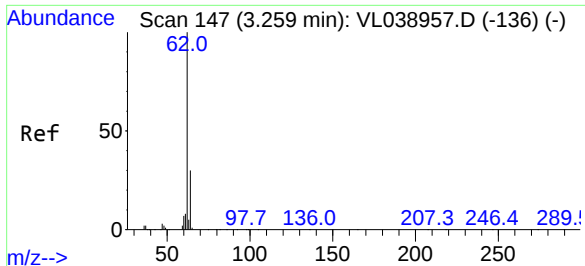
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#4
Chloromethane
Concen: 9.363 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion: 50 Resp: 598913
Ion Ratio Lower Upper
50 100
52 32.1 27.3 40.9





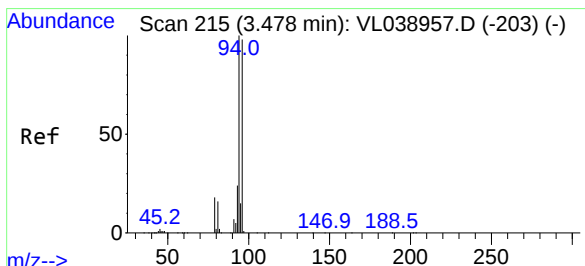
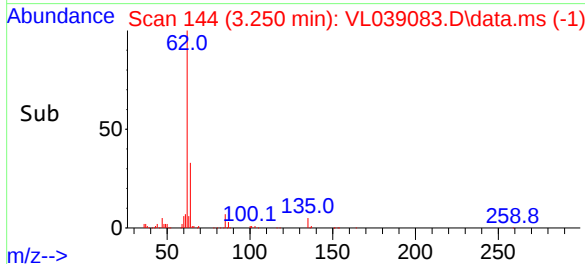
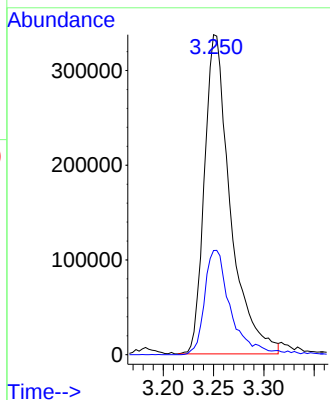
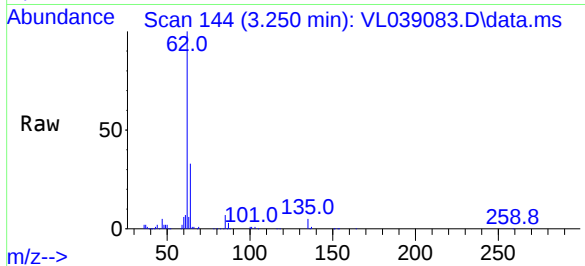
#5
 Vinyl Chloride
 Concen: 10.354 ppbv
 RT: 3.250 min Scan# 147
 Delta R.T. -0.009 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 60473
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.2 36.4

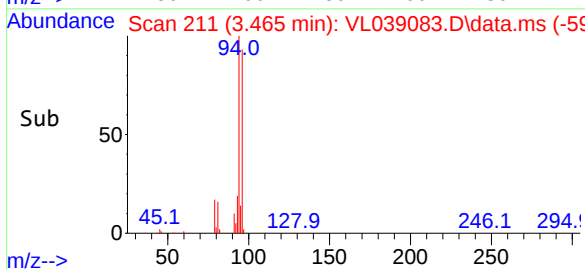
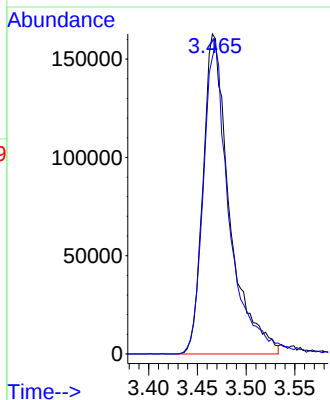
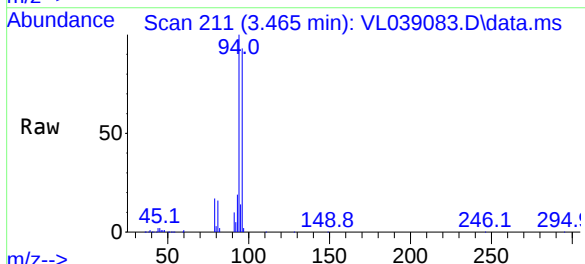
Manual Integrations
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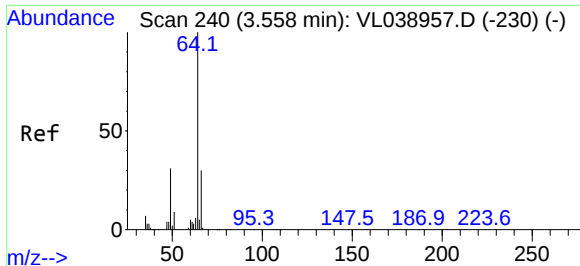
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#6
 Bromomethane
 Concen: 11.147 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

Tgt Ion: 94 Resp: 307555
 Ion Ratio Lower Upper
 94 100
 96 92.8 78.1 117.1





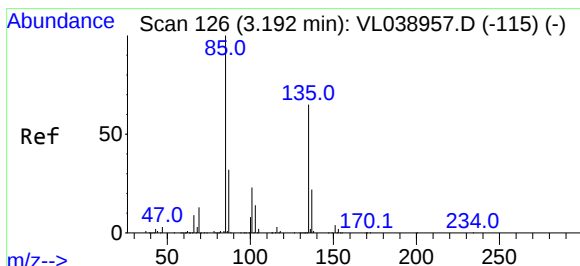
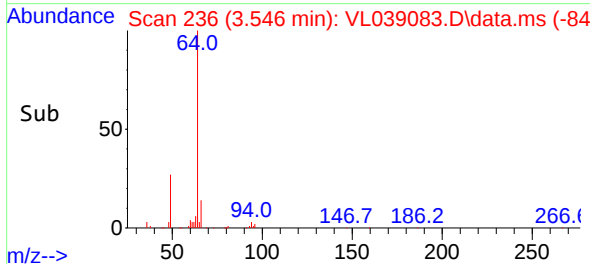
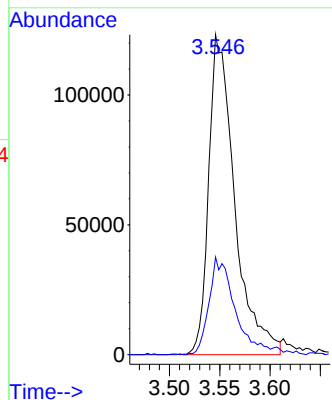
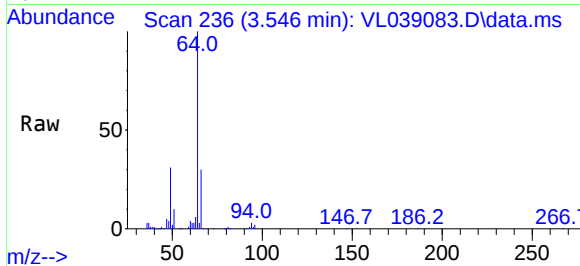
#7
Chloroethane
Concen: 11.324 ppbv
RT: 3.546 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 221378
Ion Ratio Lower Upper
64 100
66 30.5 23.8 35.8

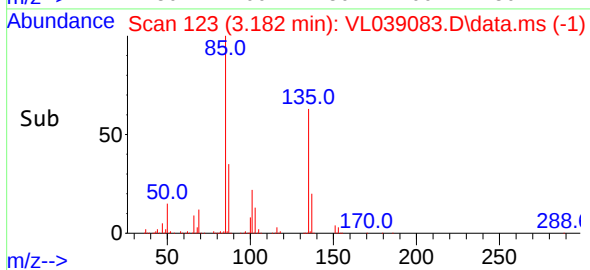
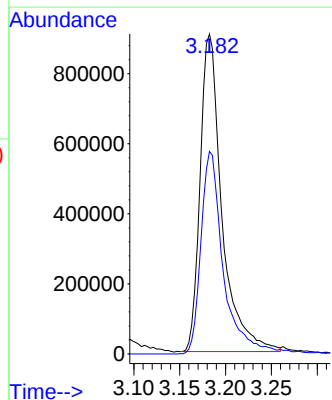
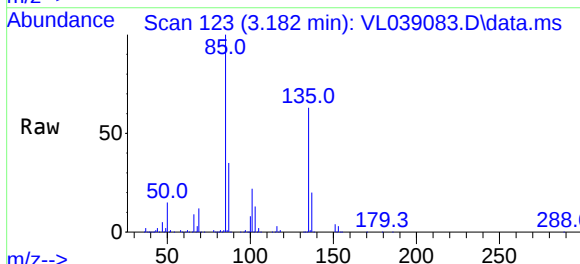
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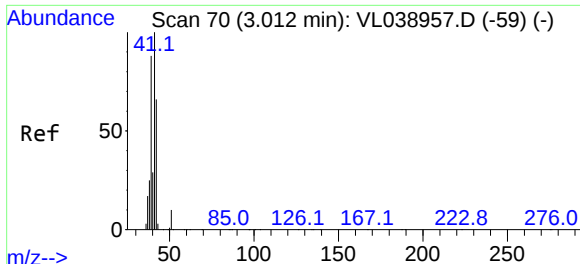
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#8
Dichlorotetrafluoroethane
Concen: 10.244 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

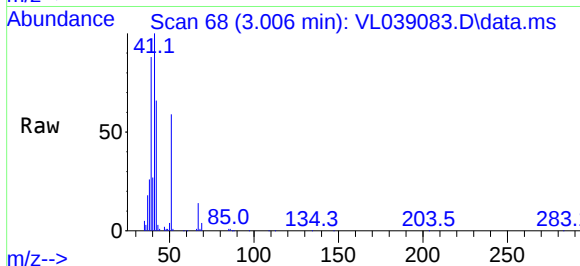
Tgt Ion: 85 Resp: 1497297
Ion Ratio Lower Upper
85 100
135 66.6 53.6 80.4





#9
 Propene
 Concen: 8.899 ppbv
 RT: 3.006 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

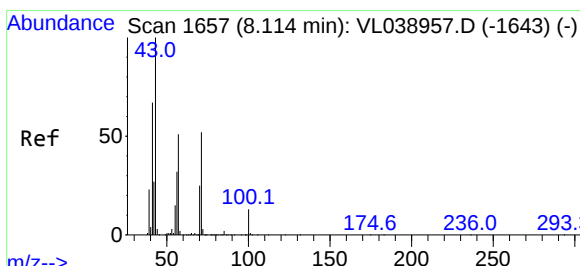
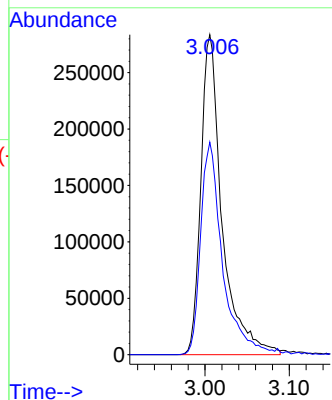
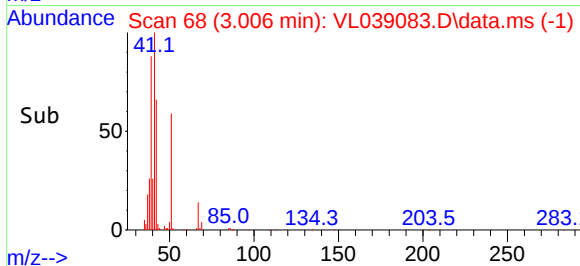
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



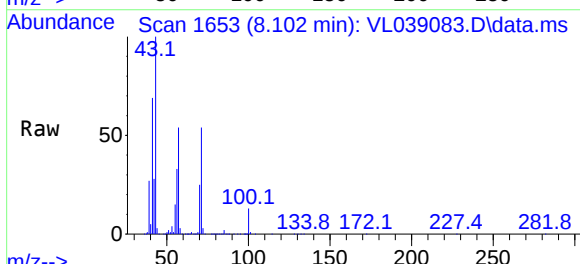
Tgt Ion: 41 Resp: 496368
 Ion Ratio Lower Upper
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 42 69.5 58.3 87.5

Manual Integrations
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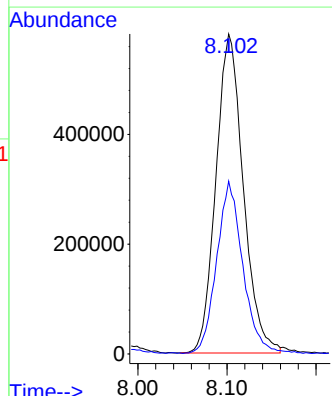
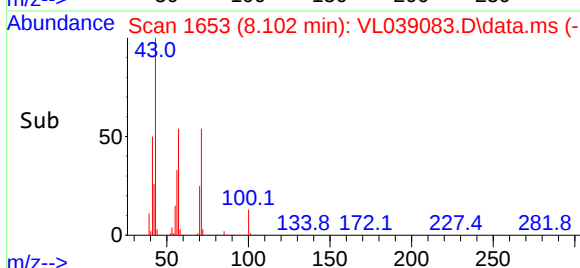
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

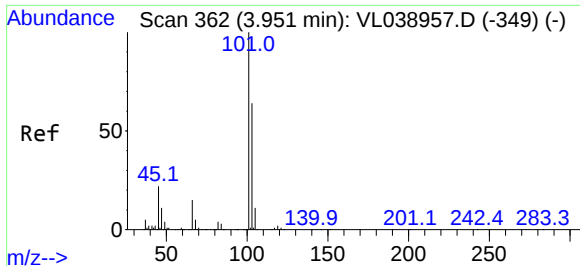


#10
 Heptane
 Concen: 9.055 ppbv
 RT: 8.102 min Scan# 1653
 Delta R.T. -0.013 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47



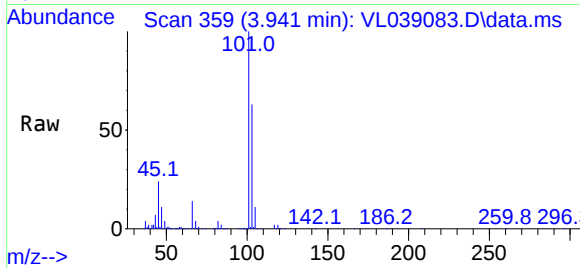
Tgt Ion: 43 Resp: 1239172
 Ion Ratio Lower Upper
 43 100
 57 52.6 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.746 ppbv
RT: 3.941 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

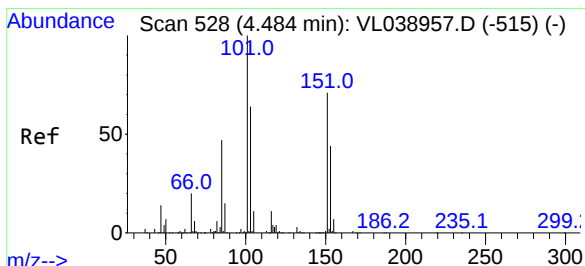
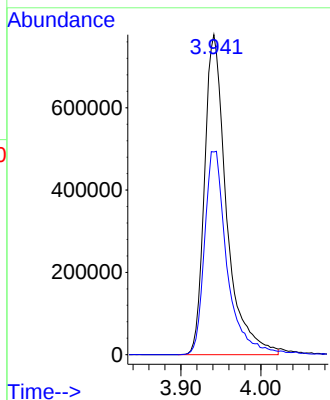
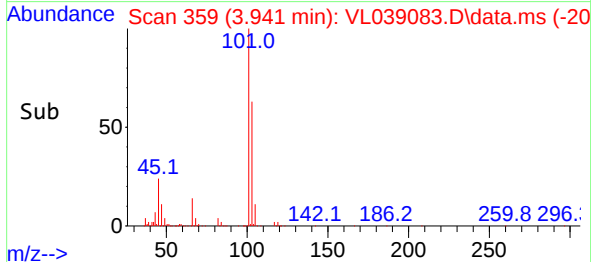
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



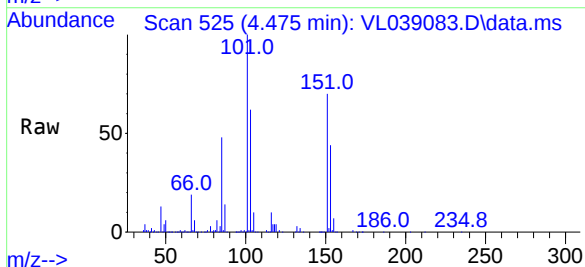
Tgt Ion:101 Resp: 1486928
Ion Ratio Lower Upper
101 100
103 63.4 51.5 77.3

Manual Integrations
APPROVED

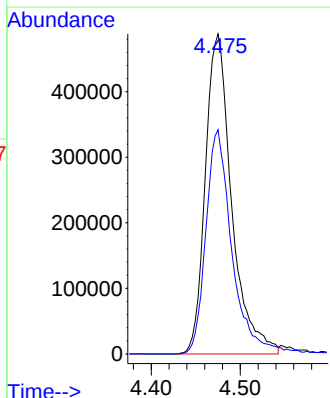
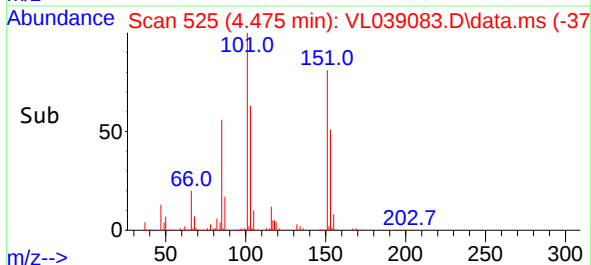
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

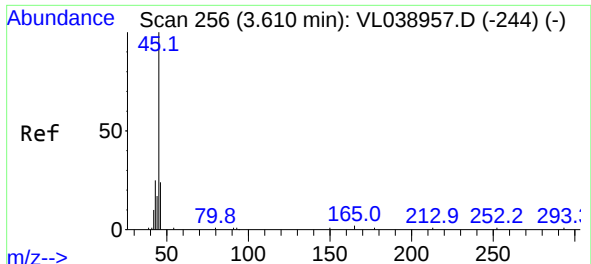


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.492 ppbv
RT: 4.475 min Scan# 525
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



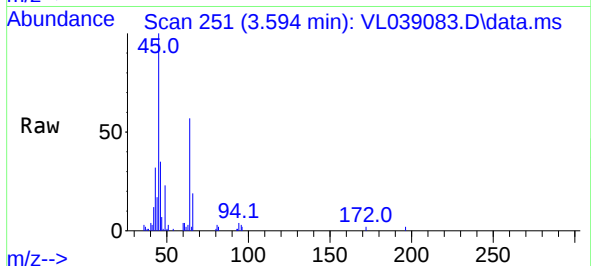
Tgt Ion:101 Resp: 1000130
Ion Ratio Lower Upper
101 100
151 70.2 55.4 83.0





#13
Ethanol
Concen: 8.734 ppbv m
RT: 3.594 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

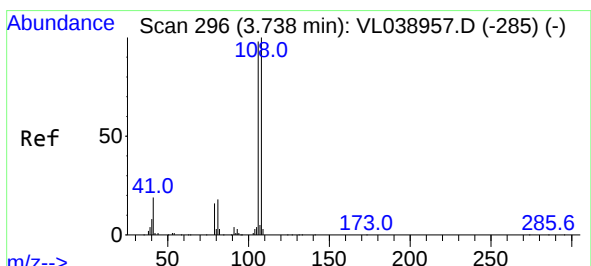
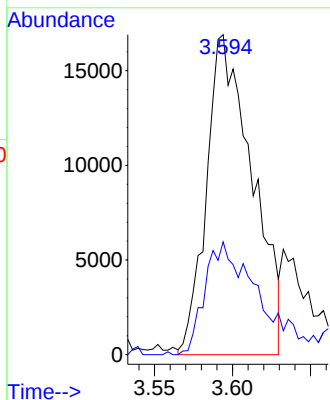
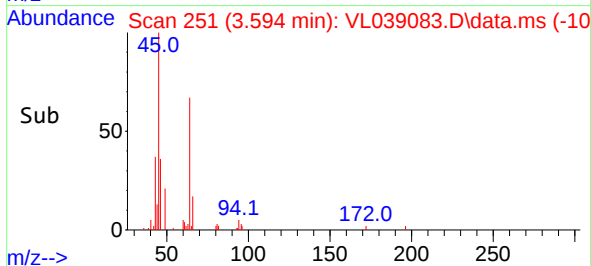
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



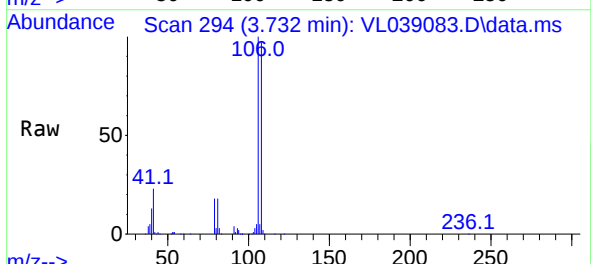
Tgt Ion: 45 Resp: 34470
Ion Ratio Lower Upper
45 100
46 40.2 18.0 72.2

Manual Integrations
APPROVED

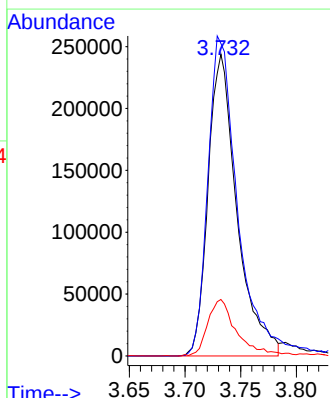
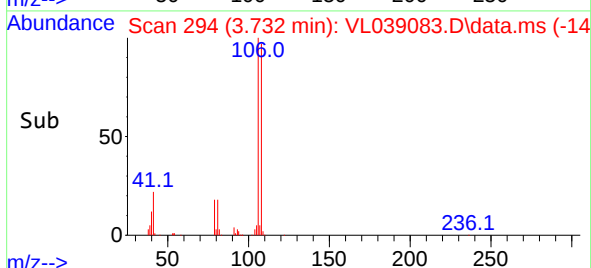
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

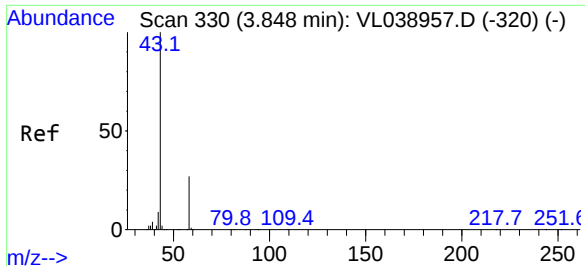


#14
Bromoethene
Concen: 11.213 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.006 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



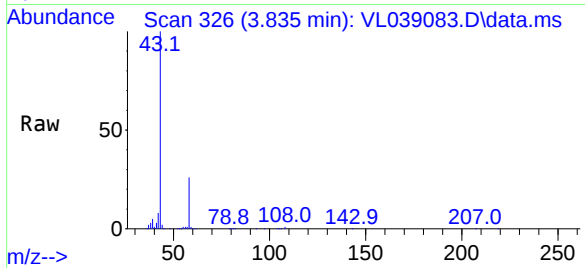
Tgt Ion:108 Resp: 440753
Ion Ratio Lower Upper
108 100
106 112.2 90.3 135.5
79 19.7 14.9 22.3





#15
Acetone
Concen: 10.681 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

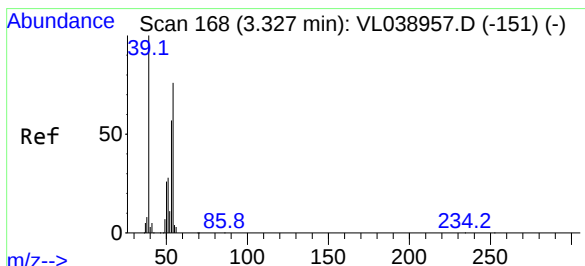
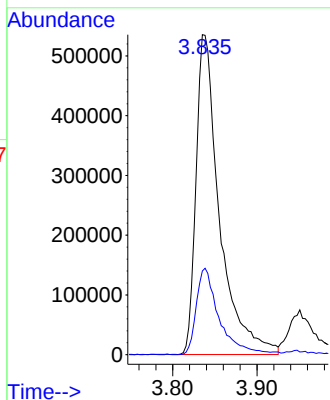
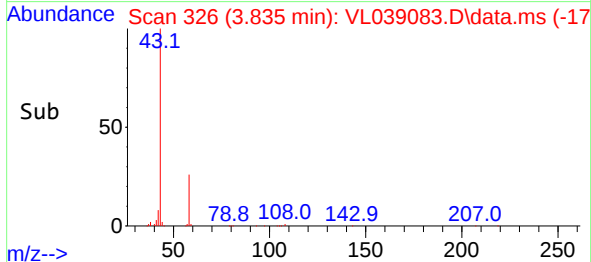
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1037099
Ion Ratio Lower Upper
43 100
58 26.6 21.3 31.9

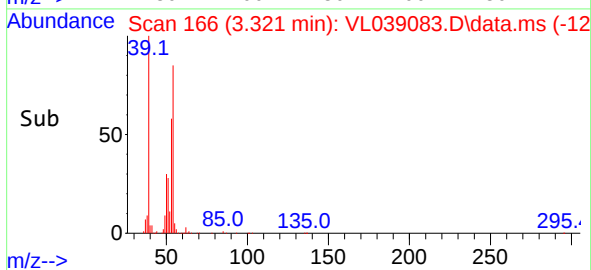
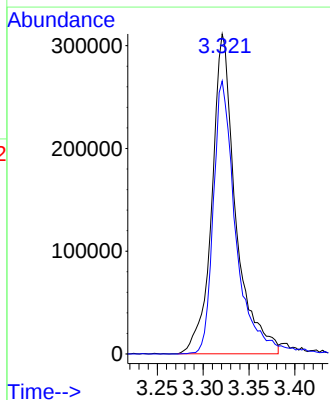
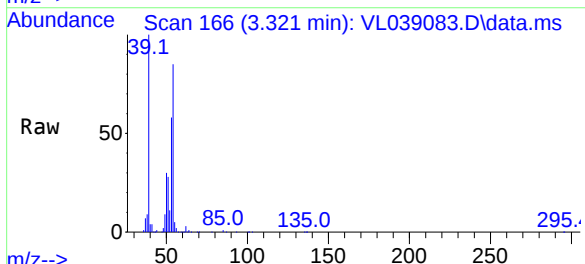
Manual Integrations
APPROVED

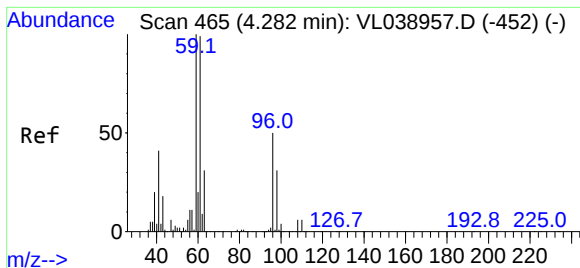
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#16
1,3-Butadiene
Concen: 10.057 ppbv
RT: 3.321 min Scan# 166
Delta R.T. -0.006 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

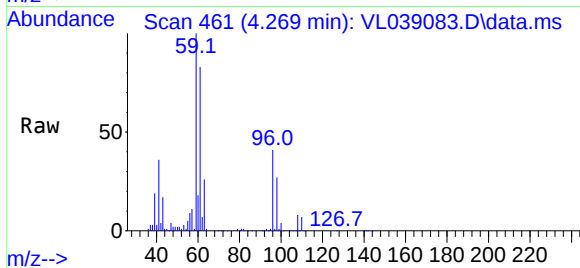
Tgt Ion: 39 Resp: 561001
Ion Ratio Lower Upper
39 100
54 82.2 65.2 97.8





#17
tert-Butyl alcohol
Concen: 11.751 ppbv
RT: 4.269 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

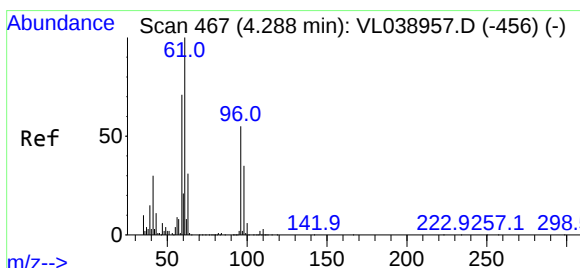
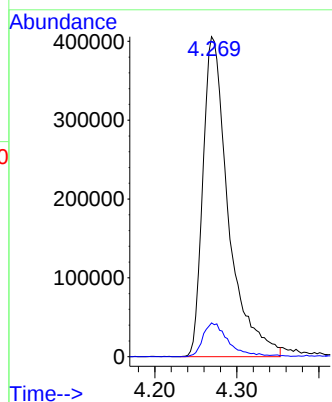
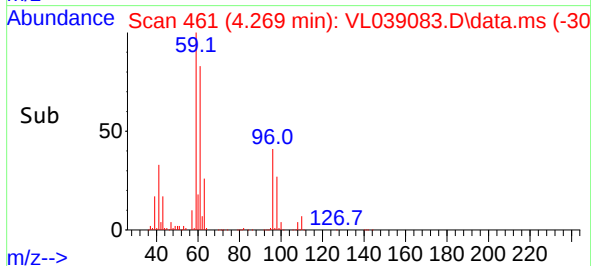
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



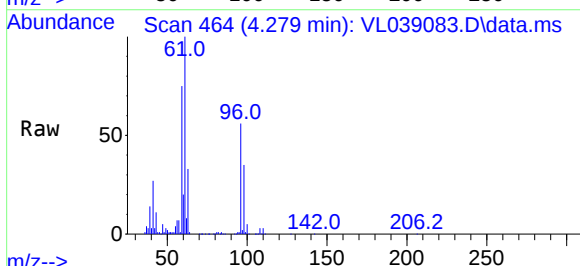
Tgt Ion: 59 Resp: 87688
Ion Ratio Lower Upper
59 100
57 10.8 9.2 13.8

Manual Integrations
APPROVED

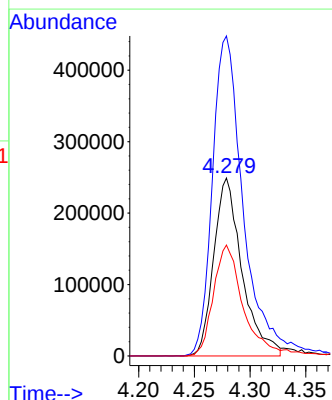
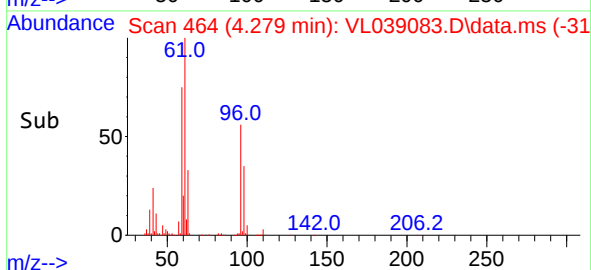
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

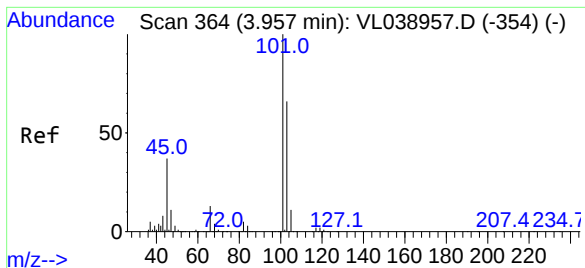


#18
1,1-Dichloroethene
Concen: 10.749 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



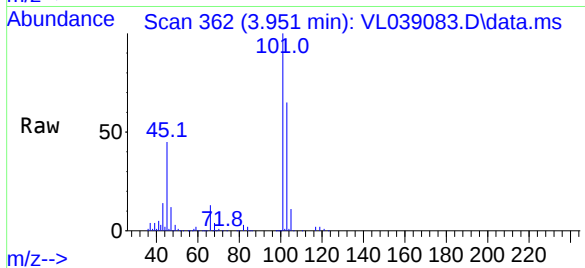
Tgt Ion: 96 Resp: 440978
Ion Ratio Lower Upper
96 100
61 179.8 146.3 219.5
98 62.3 50.6 75.8





#19
Isopropyl Alcohol
Concen: 11.666 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

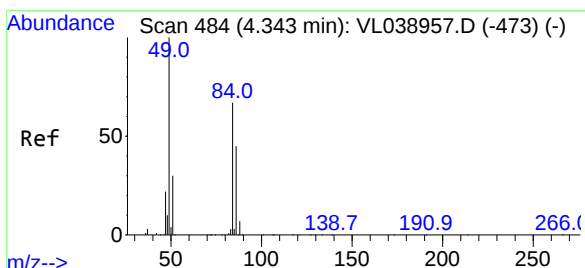
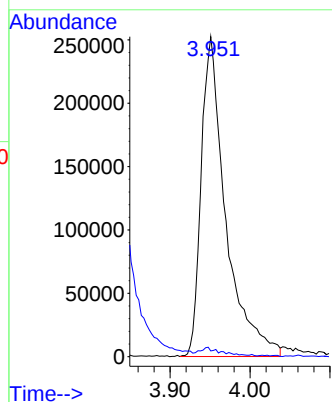
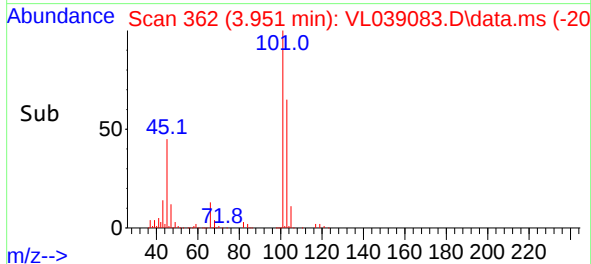
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



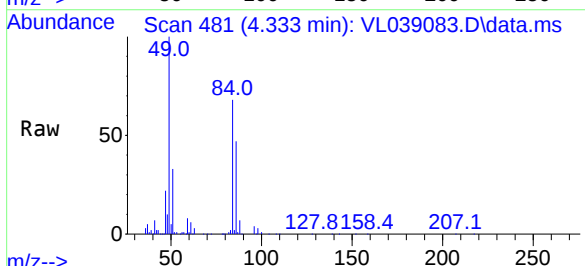
Tgt Ion: 45 Resp: 538558
Ion Ratio Lower Upper
45 100
58 2.9 1.4 2.2

Manual Integrations
APPROVED

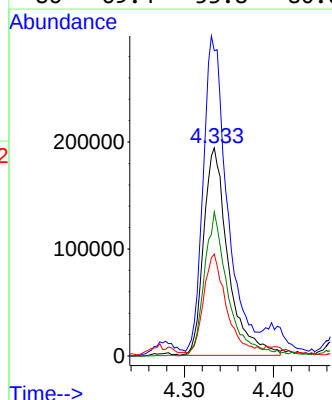
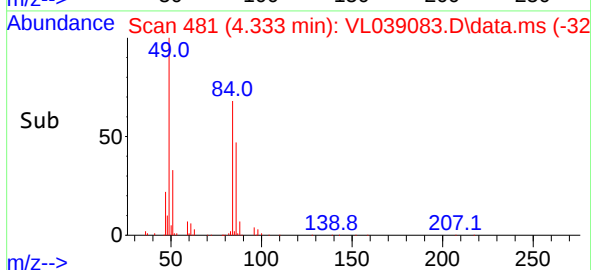
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

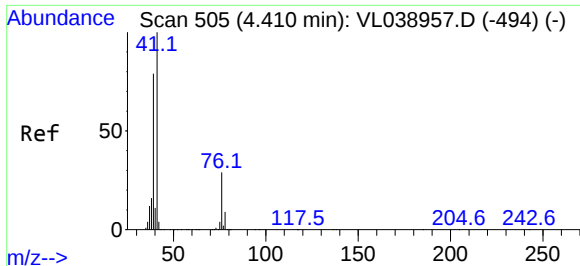


#20
Methylene Chloride
Concen: 10.132 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



Tgt Ion: 84 Resp: 370775
Ion Ratio Lower Upper
84 100
49 144.3 119.9 179.9
51 47.2 35.7 53.5
86 69.4 53.8 80.6





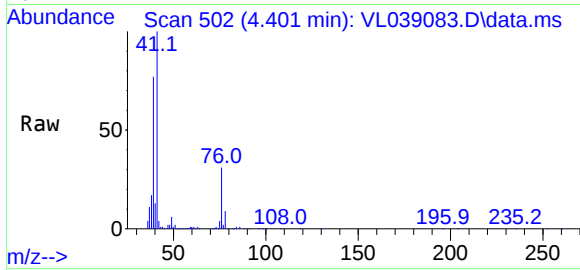
#21
 Allyl Chloride
 Concen: 10.536 ppbv
 RT: 4.401 min Scan# 505
 Delta R.T. -0.009 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

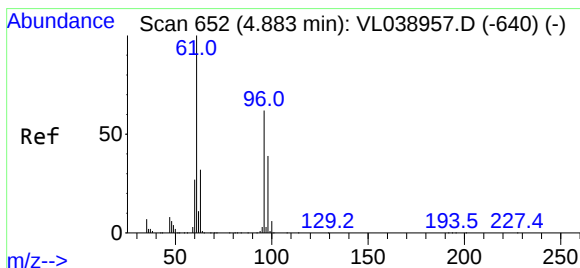
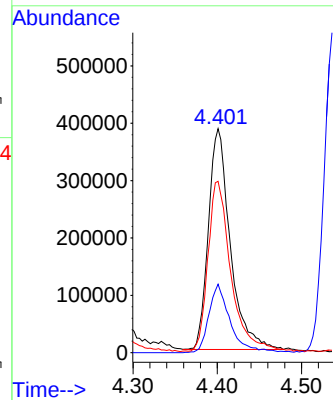
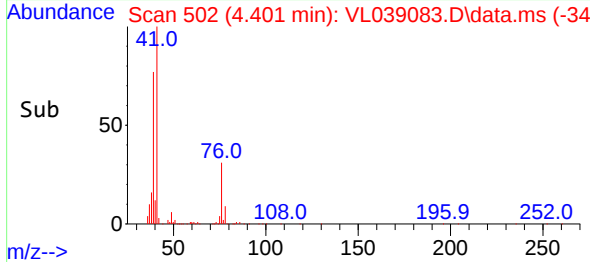


Tgt Ion: 41 Resp: 697104
 Ion Ratio Lower Upper
 41 100
 76 30.4 24.2 36.4
 39 80.7 63.8 95.8

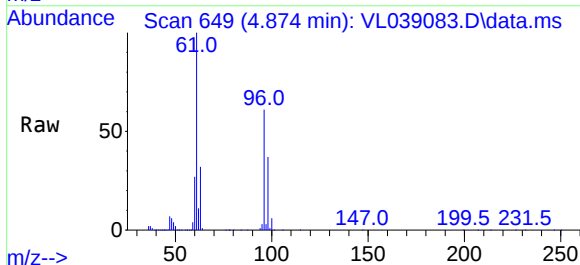
Manual Integrations

APPROVED

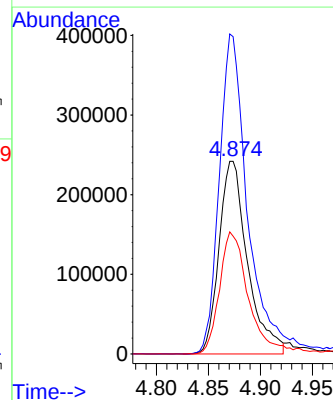
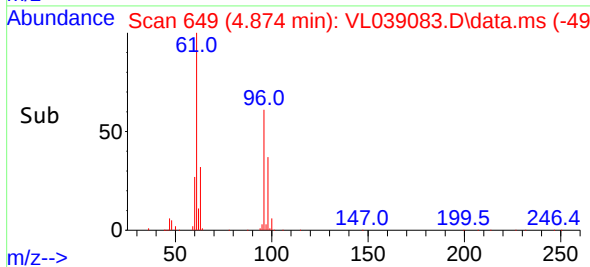
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

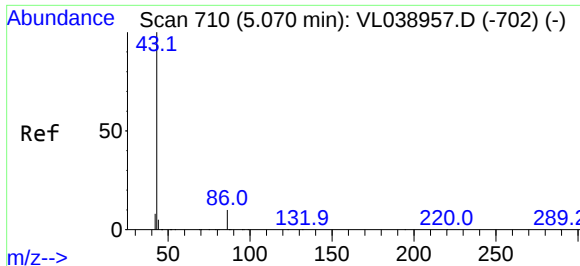


#22
 trans-1,2-Dichloroethene
 Concen: 10.406 ppbv
 RT: 4.874 min Scan# 649
 Delta R.T. -0.009 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47



Tgt Ion: 96 Resp: 461123
 Ion Ratio Lower Upper
 96 100
 61 164.6 128.2 192.2
 98 61.1 50.1 75.1





#23
 Vinyl Acetate
 Concen: 11.009 ppbv
 RT: 5.060 min Scan# 70
 Delta R.T. -0.009 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

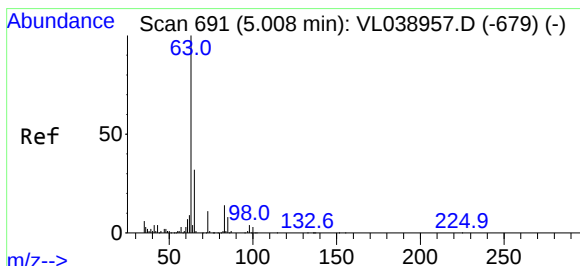
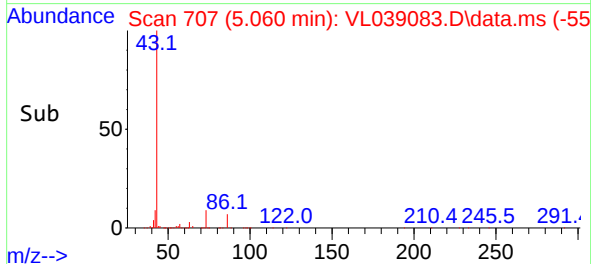
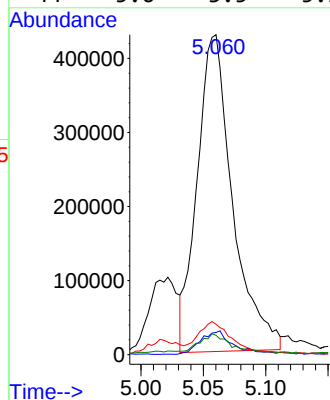
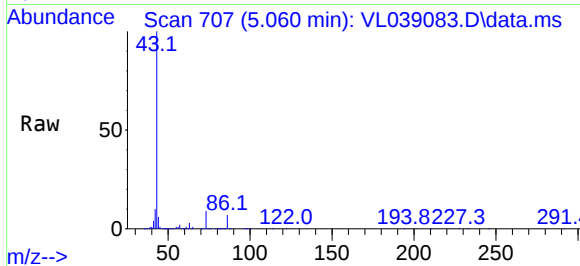
VSTDCCC010

Tgt Ion: 43 Resp: 845759
 Ion Ratio Lower Upper
 43 100
 86 7.1 6.6 9.8
 42 9.4 8.1 12.1
 44 5.6 3.5 5.3#

Manual Integrations

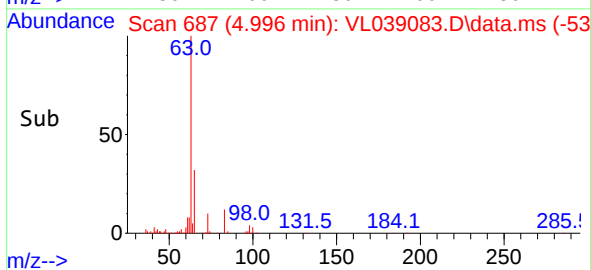
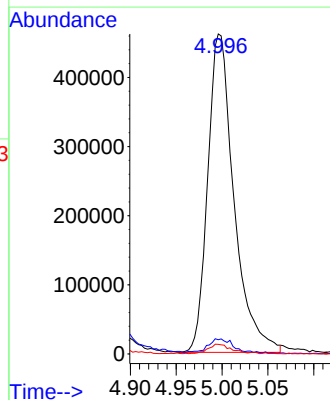
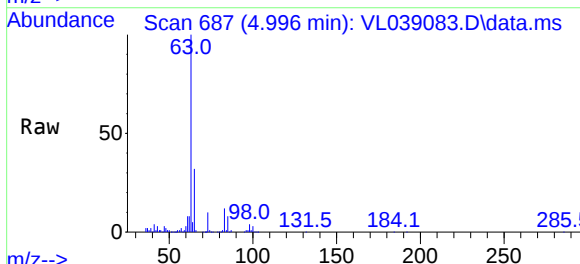
APPROVED

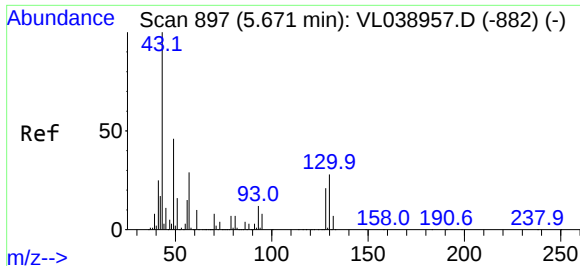
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#24
 1,1-Dichloroethane
 Concen: 10.372 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

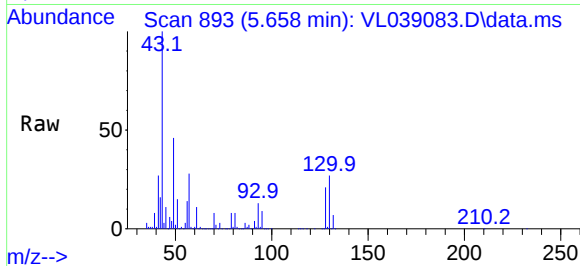
Tgt Ion: 63 Resp: 917529
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.2
 100 2.9 1.4 4.2





#25
Ethyl Acetate
Concen: 9.790 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

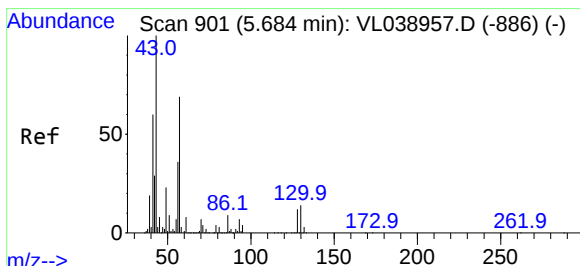
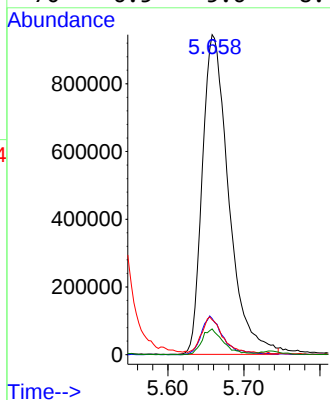
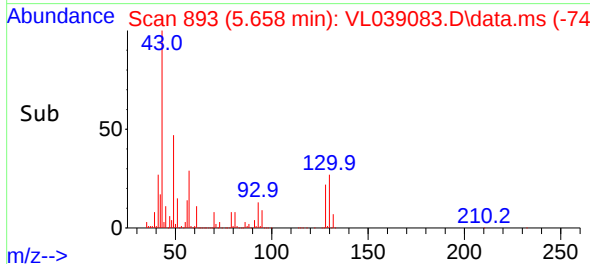


Tgt Ion: 43 Resp: 2275059

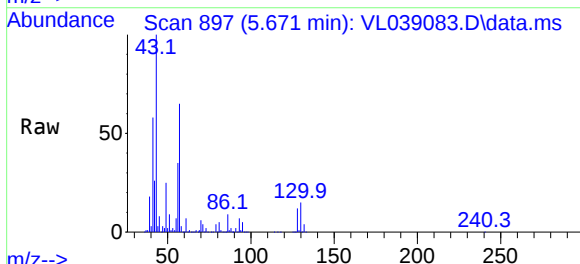
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.1	12.1
61	9.7	7.8	11.6
70	6.5	5.6	8.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

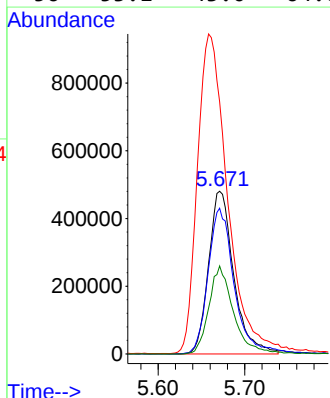
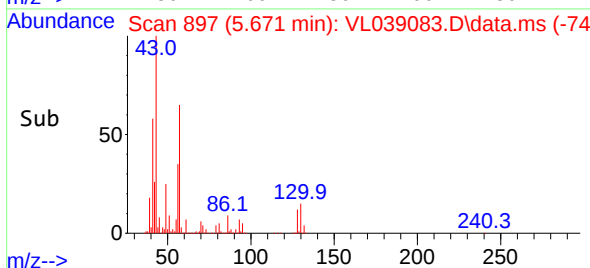


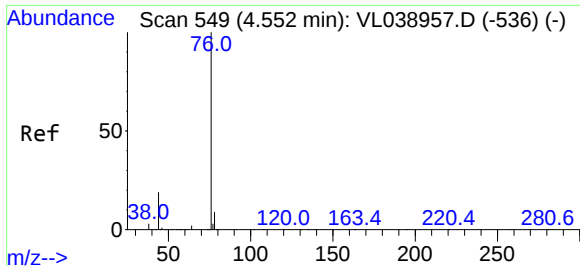
#26
Hexane
Concen: 9.416 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



Tgt Ion: 57 Resp: 972310

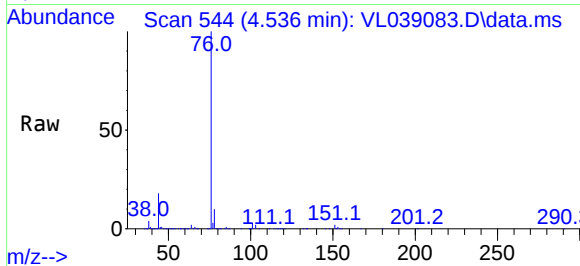
Ion	Ratio	Lower	Upper
57	100		
41	93.9	75.2	112.8
43	237.7	190.8	286.2
56	53.1	43.0	64.6





#27
Carbon Disulfide
Concen: 11.189 ppbv
RT: 4.536 min Scan# 549
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

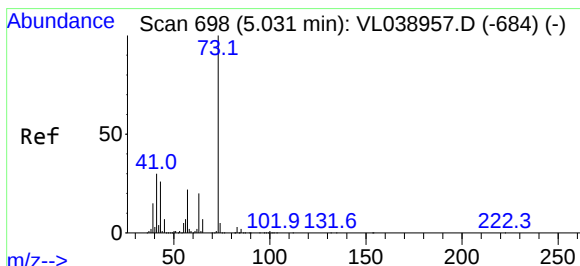
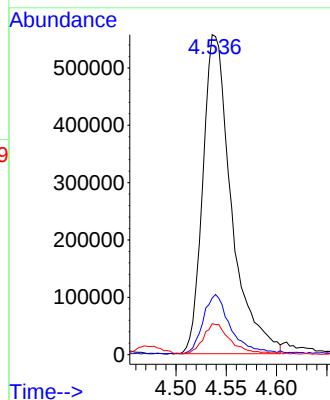
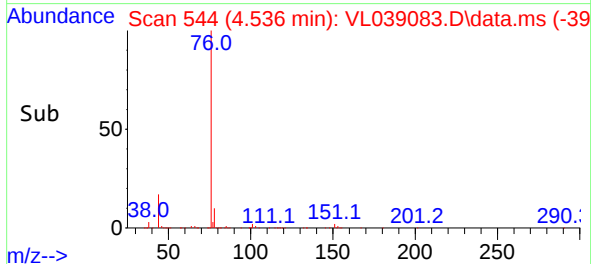
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1097550
Ion Ratio Lower Upper
76 100
44 19.2 15.3 22.9
78 10.0 8.2 12.2

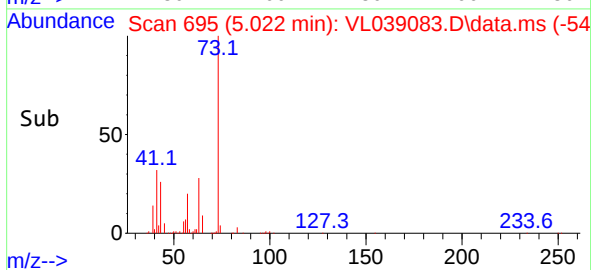
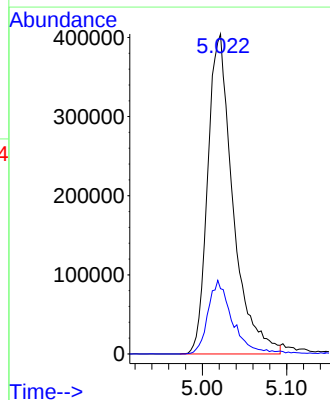
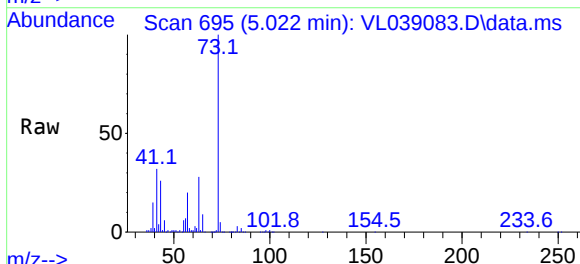
Manual Integrations
APPROVED

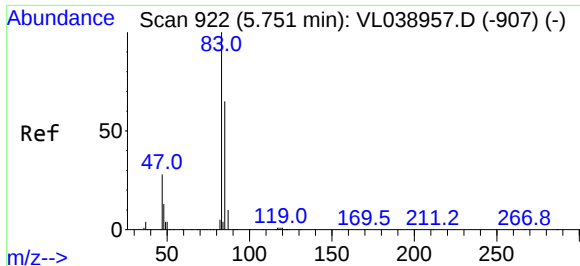
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#28
Methyl tert-Butyl Ether
Concen: 10.697 ppbv
RT: 5.022 min Scan# 695
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

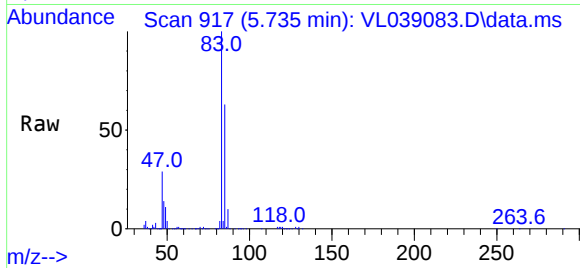
Tgt Ion: 73 Resp: 840349
Ion Ratio Lower Upper
73 100
57 22.7 18.8 28.2





#29
Chloroform
Concen: 9.983 ppbv
RT: 5.735 min Scan# 917
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

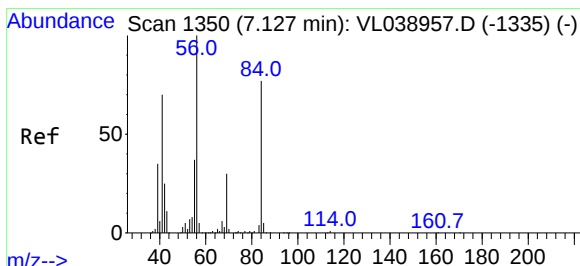
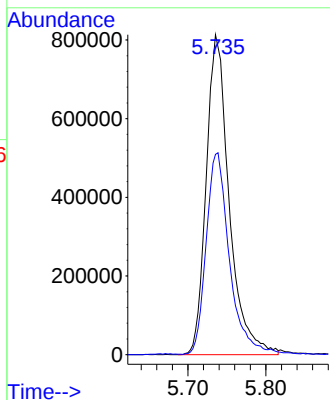
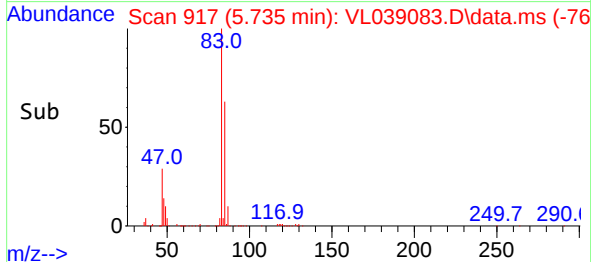
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



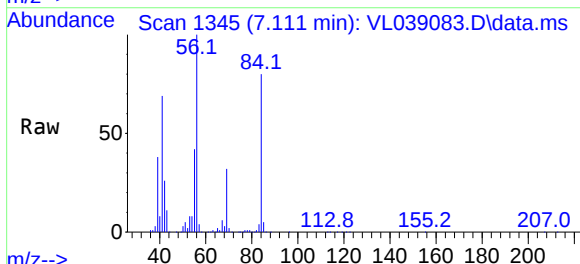
Tgt Ion: 83 Resp: 1667800
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6

Manual Integrations
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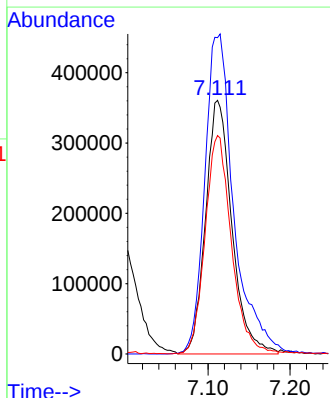
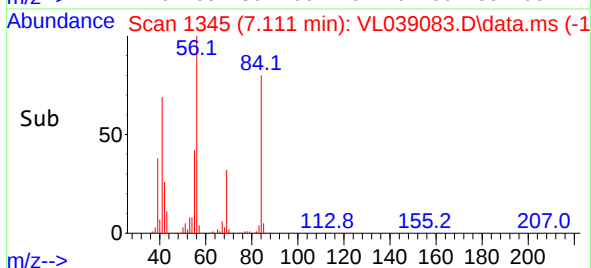
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

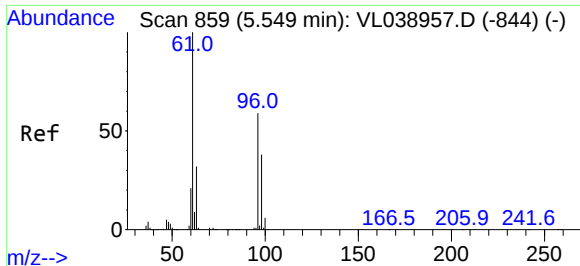


#30
Cyclohexane
Concen: 9.332 ppbv
RT: 7.111 min Scan# 1345
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



Tgt Ion: 84 Resp: 806795
Ion Ratio Lower Upper
84 100
56 139.4 115.3 172.9
41 86.4 72.0 108.0





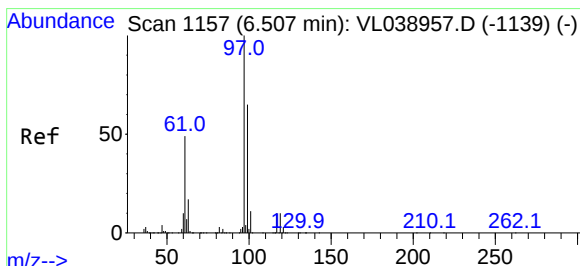
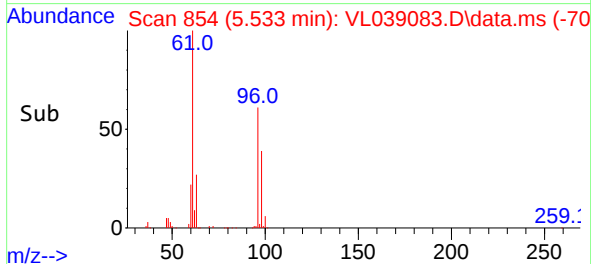
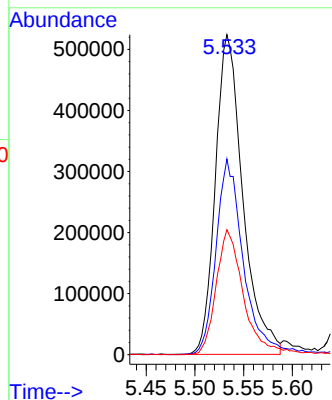
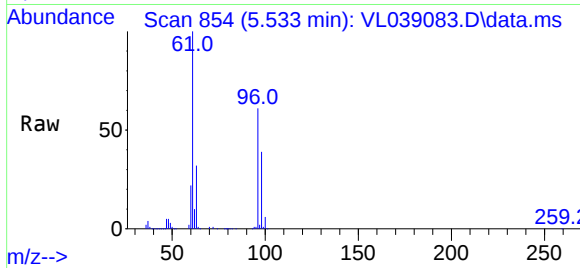
#31
cis-1,2-Dichloroethene
Concen: 9.770 ppbv
RT: 5.533 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1027778
Ion Ratio Lower Upper
61 100
96 61.1 47.4 71.0
98 39.1 30.6 45.8

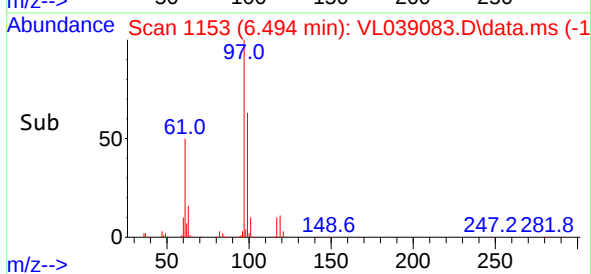
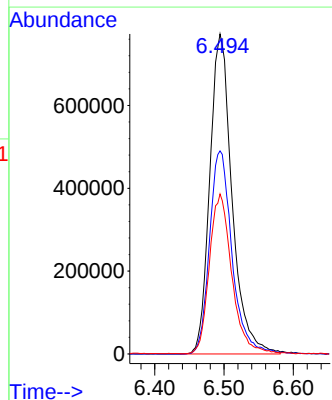
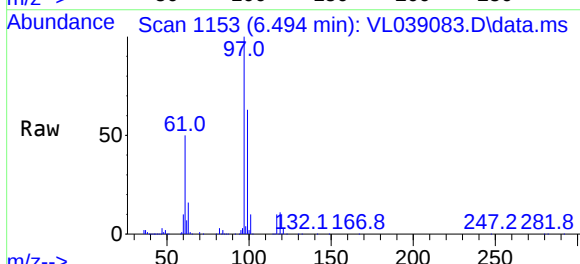
Manual Integrations
APPROVED

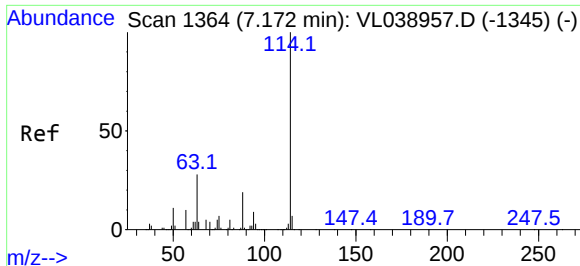
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#32
1,1,1-Trichloroethane
Concen: 10.301 ppbv
RT: 6.494 min Scan# 1153
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

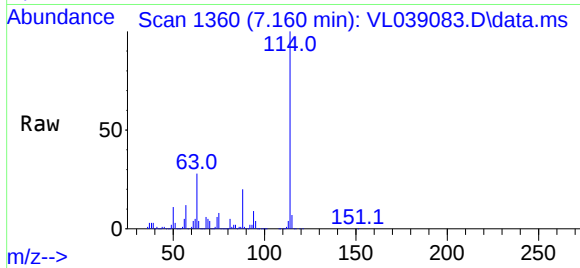
Tgt Ion: 97 Resp: 1720742
Ion Ratio Lower Upper
97 100
99 64.7 51.9 77.9
61 50.7 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

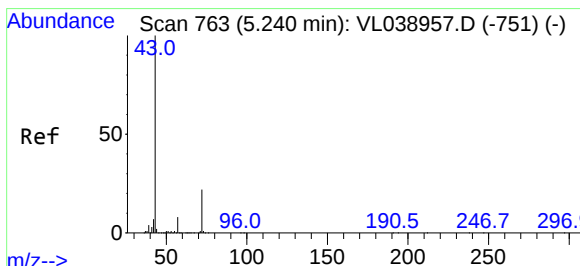
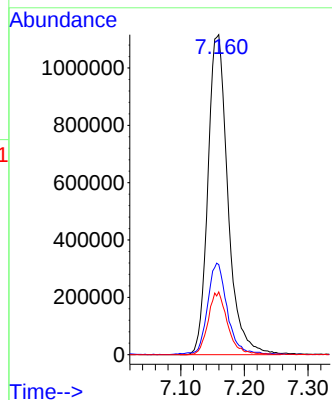
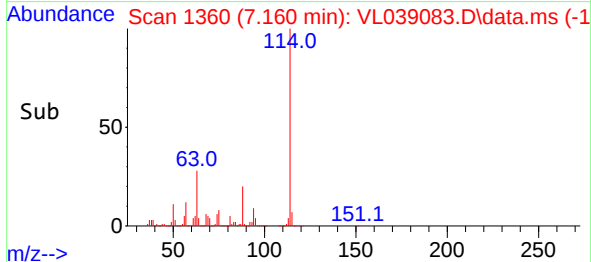
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



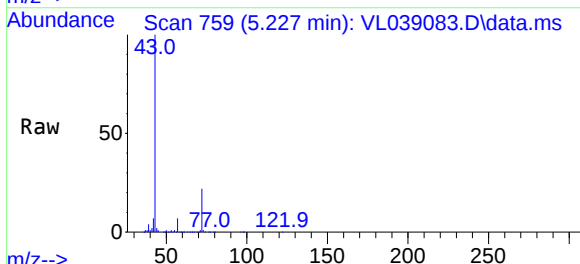
Tgt Ion:114 Resp: 243454
Ion Ratio Lower Upper
114 100
63 28.6 22.6 33.8
88 19.2 15.4 23.0

Manual Integrations
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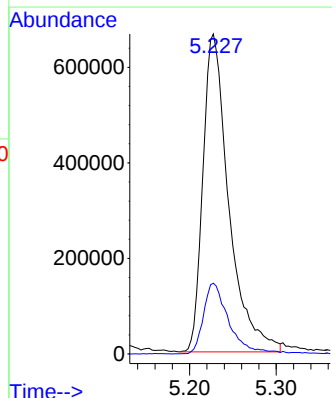
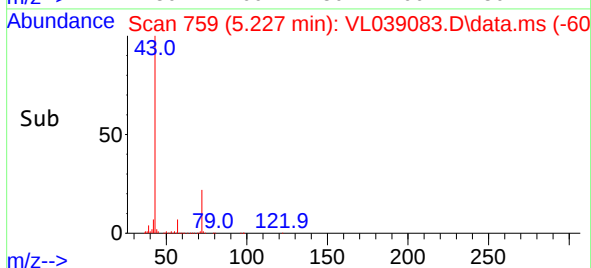
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

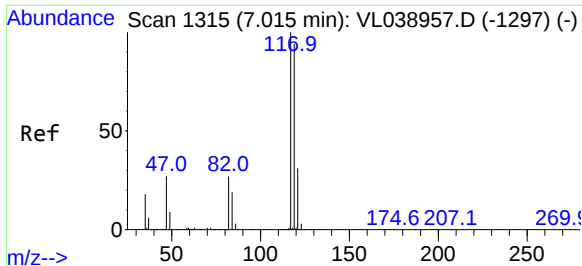


#34
2-Butanone
Concen: 11.139 ppbv
RT: 5.227 min Scan# 759
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



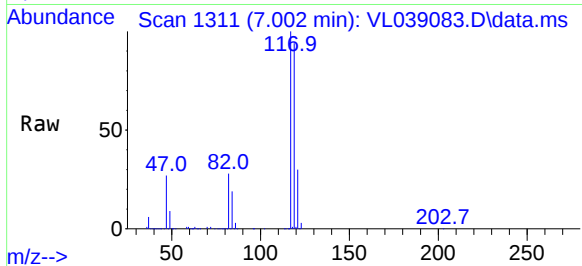
Tgt Ion: 43 Resp: 1383553
Ion Ratio Lower Upper
43 100
72 22.2 17.8 26.6





#35
Carbon Tetrachloride
Concen: 11.034 ppbv
RT: 7.002 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

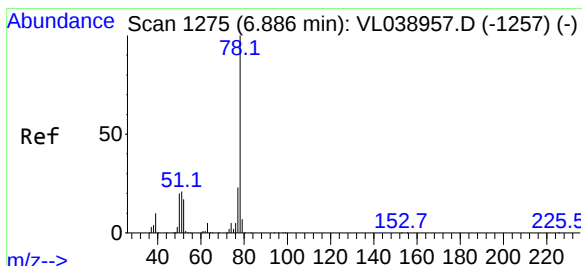
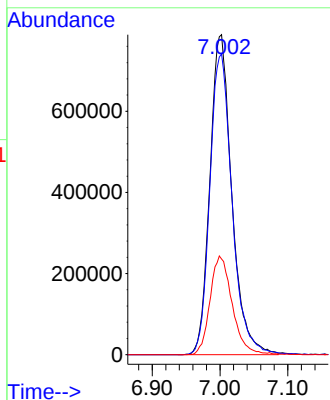
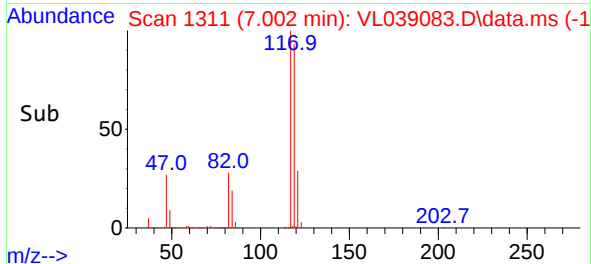
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



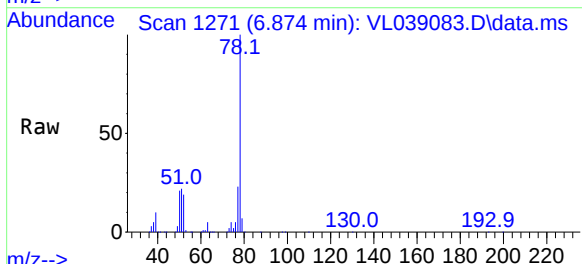
Tgt Ion:117 Resp: 1769969
Ion Ratio Lower Upper
117 100
119 94.0 75.2 112.8
121 29.9 24.6 37.0

Manual Integrations
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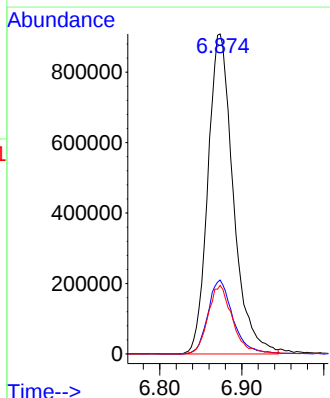
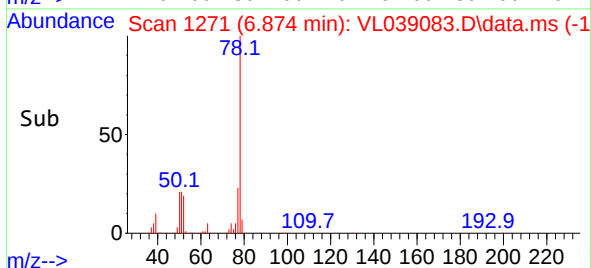
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

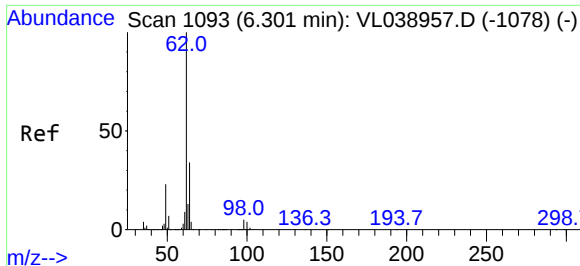


#36
Benzene
Concen: 9.349 ppbv
RT: 6.874 min Scan# 1271
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



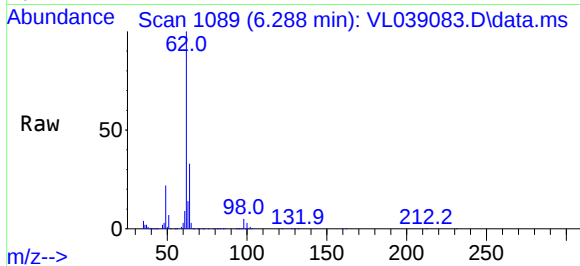
Tgt Ion: 78 Resp: 1947739
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0
50 21.4 15.6 23.4





#37
1,2-Dichloroethane
Concen: 10.614 ppbv
RT: 6.288 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

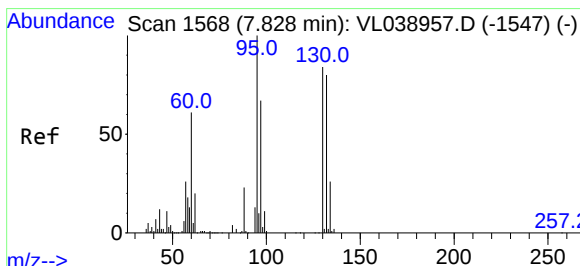
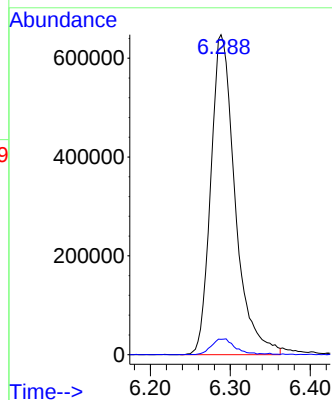
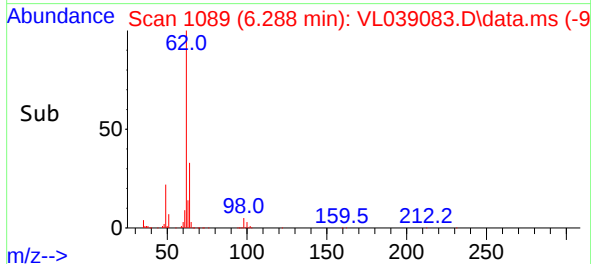
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



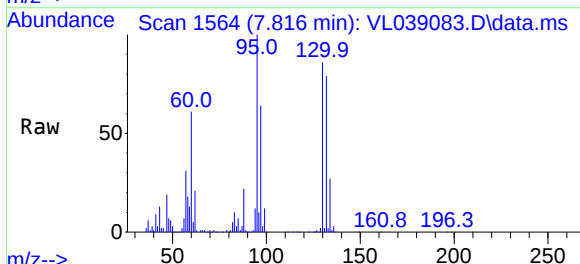
Tgt Ion: 62 Resp: 136826
Ion Ratio Lower Upper
62 100
98 5.1 4.5 6.7

Manual Integrations
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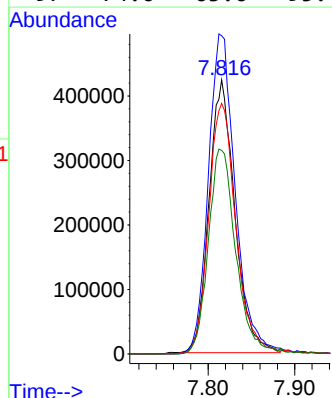
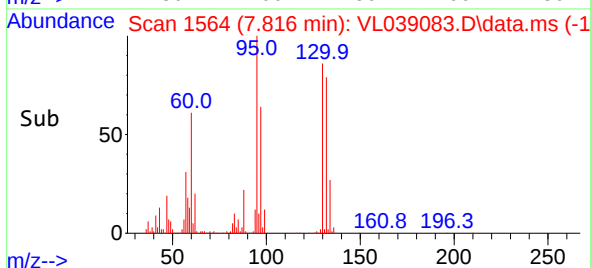
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

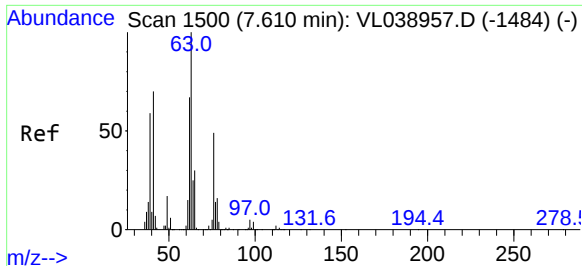


#38
Trichloroethene
Concen: 9.456 ppbv
RT: 7.816 min Scan# 1564
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



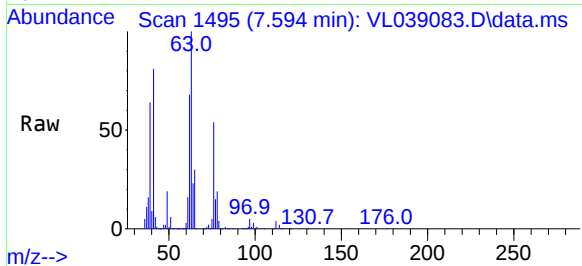
Tgt Ion:130 Resp: 875840
Ion Ratio Lower Upper
130 100
95 116.6 94.8 142.2
132 91.7 75.8 113.8
97 74.6 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.307 ppbv
RT: 7.594 min Scan# 1495
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

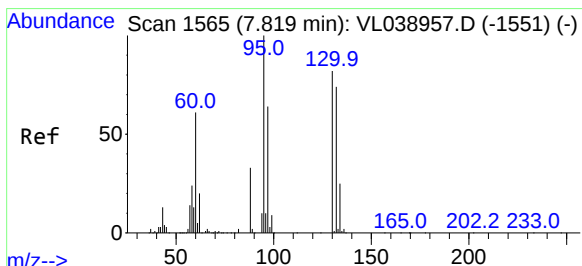
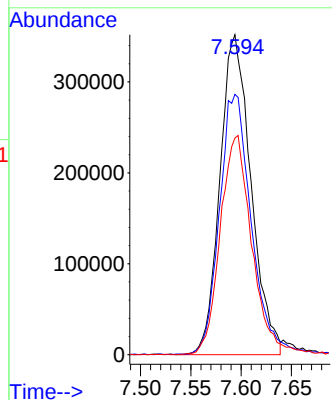
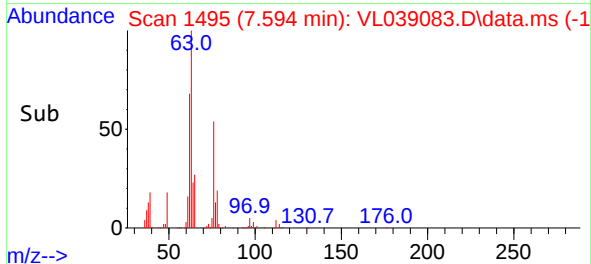
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



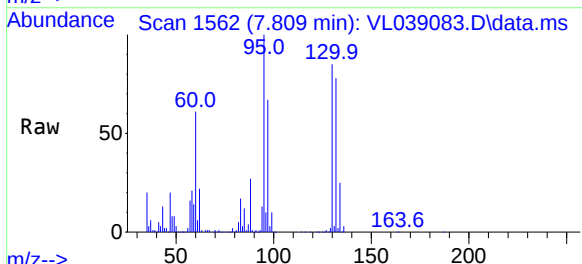
Tgt Ion: 63 Resp: 754458
Ion Ratio Lower Upper
63 100
41 81.2 55.9 83.9
62 67.6 53.8 80.6

Manual Integrations
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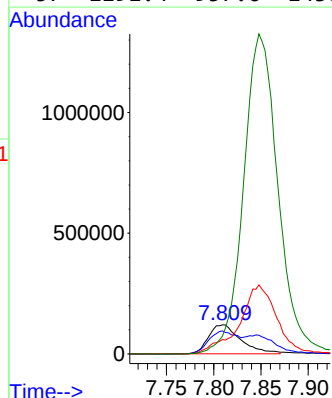
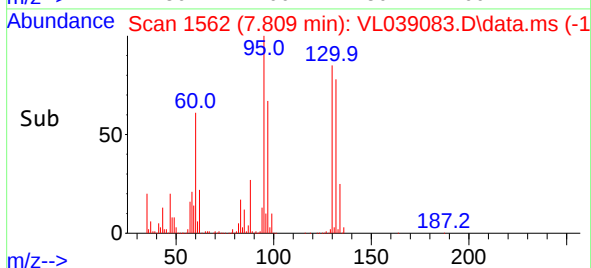
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

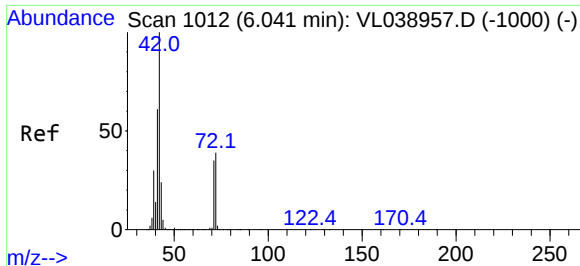


#40
1,4-Dioxane
Concen: 9.762 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



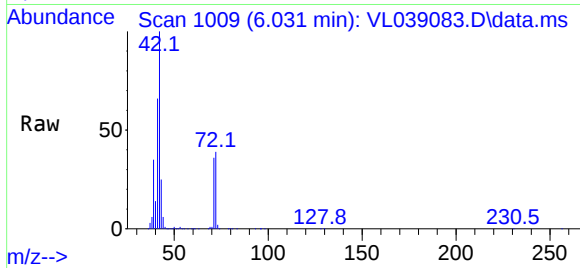
Tgt Ion: 88 Resp: 284224
Ion Ratio Lower Upper
88 100
58 134.7 106.1 159.1
43 276.0 222.9 334.3
57 1191.4 957.6 1436.4





#41
Tetrahydrofuran
Concen: 9.403 ppbv
RT: 6.031 min Scan# 1012
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

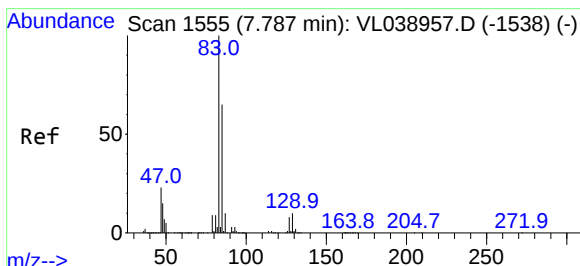
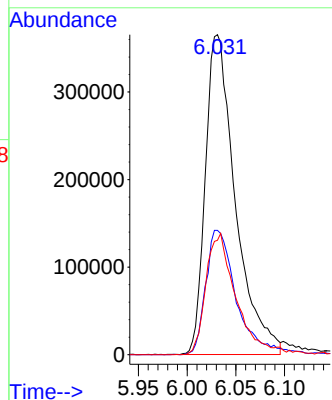
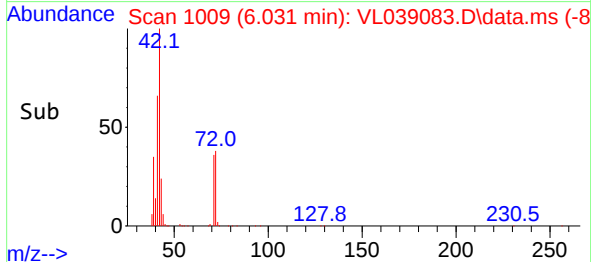
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



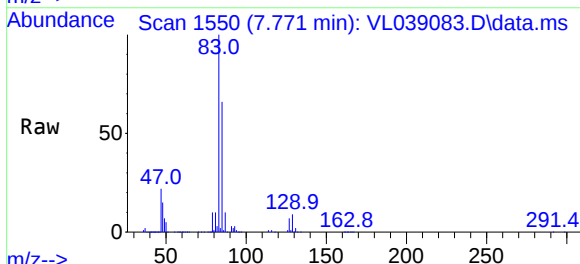
Tgt Ion: 42 Resp: 78492
Ion Ratio Lower Upper
42 100
72 40.5 31.8 47.6
71 38.9 30.6 45.8

Manual Integrations
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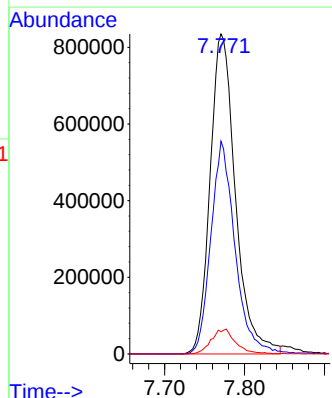
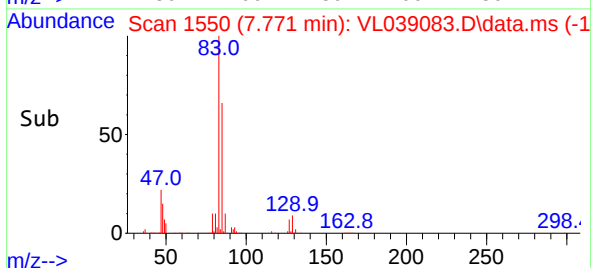
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

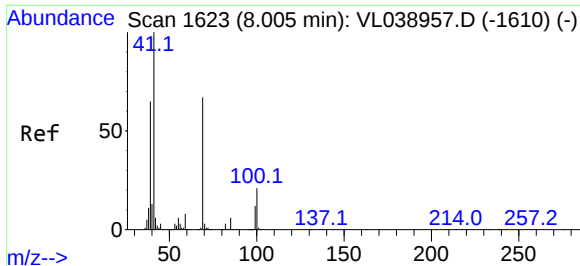


#42
Bromodichloromethane
Concen: 10.435 ppbv
RT: 7.771 min Scan# 1550
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



Tgt Ion: 83 Resp: 1838981
Ion Ratio Lower Upper
83 100
85 66.4 52.0 78.0
127 6.9 6.0 9.0





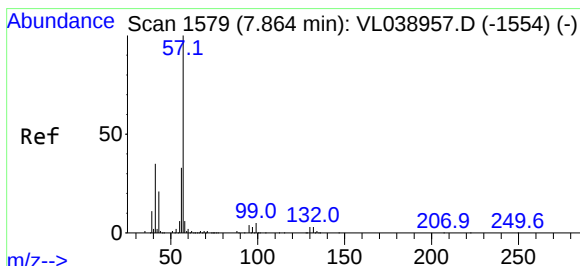
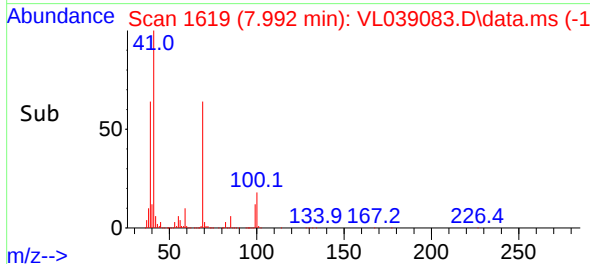
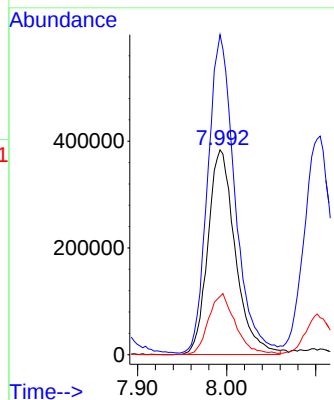
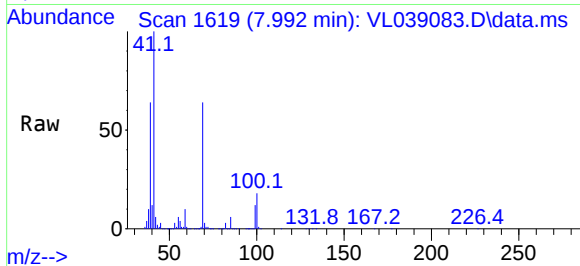
#43
Methyl Methacrylate
Concen: 9.675 ppbv
RT: 7.992 min Scan# 1619
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 81833
Ion Ratio Lower Upper
69 100
41 155.6 121.9 182.9
100 29.5 24.6 36.8

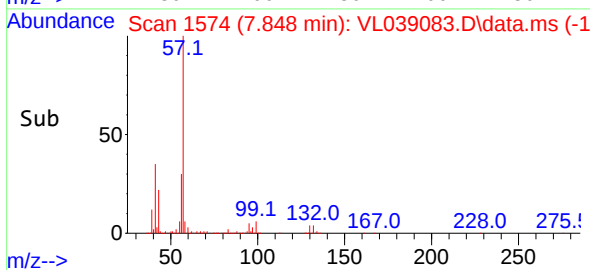
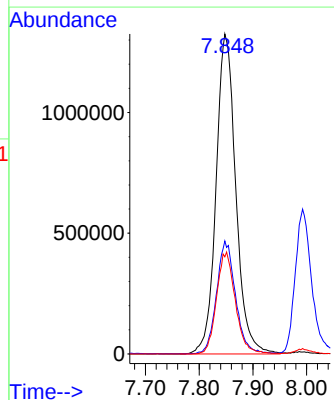
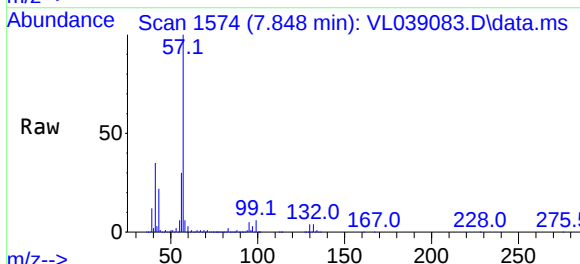
Manual Integrations
APPROVED

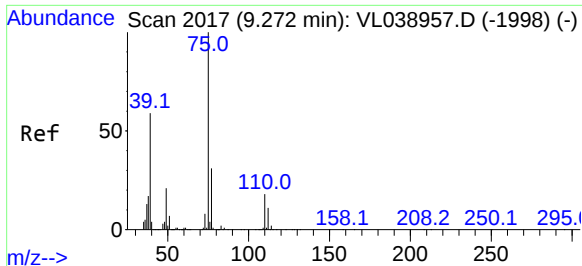
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#44
2,2,4-Trimethylpentane
Concen: 9.250 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

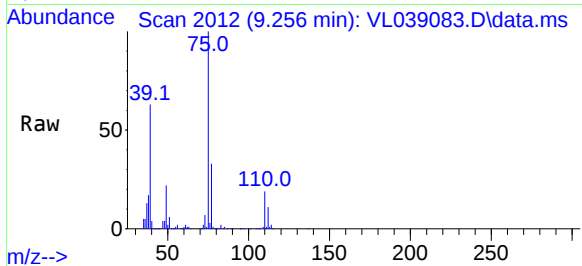
Tgt Ion: 57 Resp: 3381651
Ion Ratio Lower Upper
57 100
41 33.9 26.3 39.5
56 30.4 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 11.833 ppbv
RT: 9.256 min Scan# 2017
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

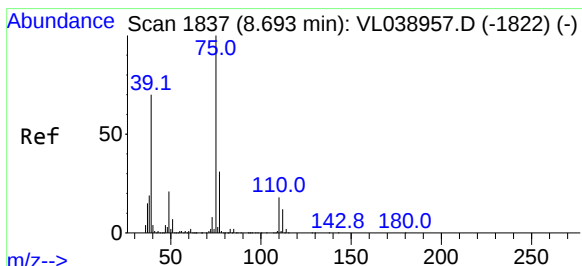
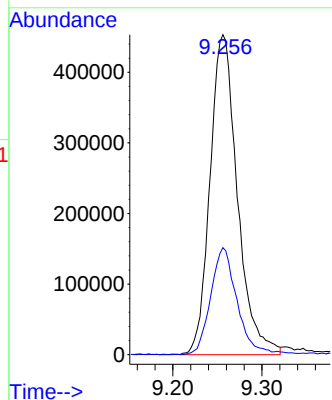
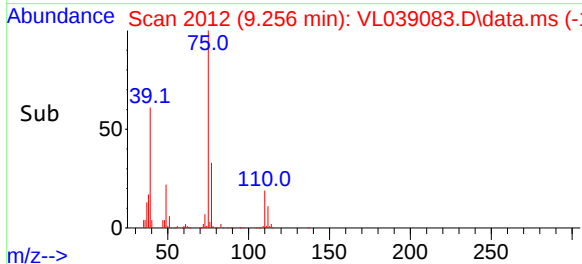
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



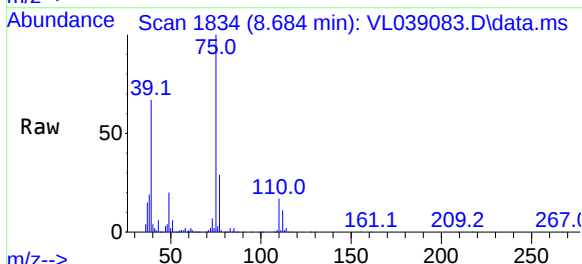
Tgt Ion: 75 Resp: 968844
Ion Ratio Lower Upper
75 100
77 33.5 24.6 37.0

Manual Integrations
APPROVED

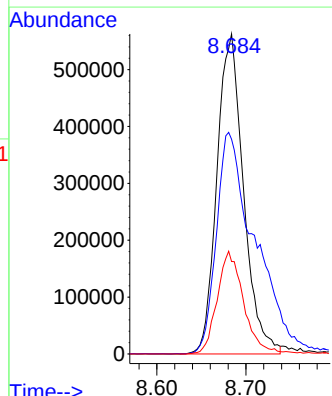
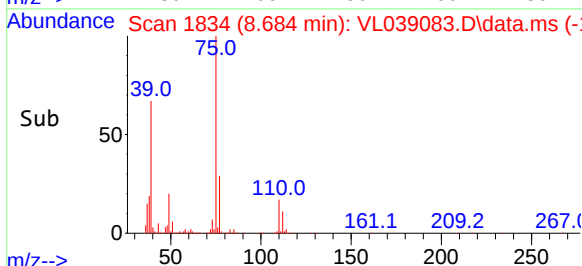
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

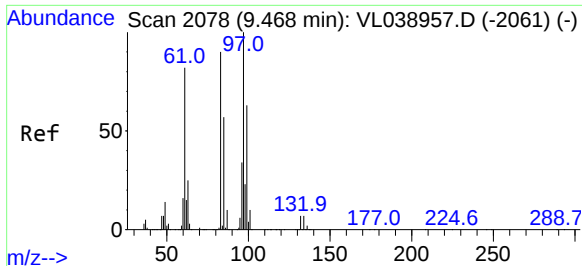


#46
cis-1,3-Dichloropropene
Concen: 10.737 ppbv
RT: 8.684 min Scan# 1834
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



Tgt Ion: 75 Resp: 1165770
Ion Ratio Lower Upper
75 100
39 67.0 55.8 83.6
77 28.9 24.8 37.2





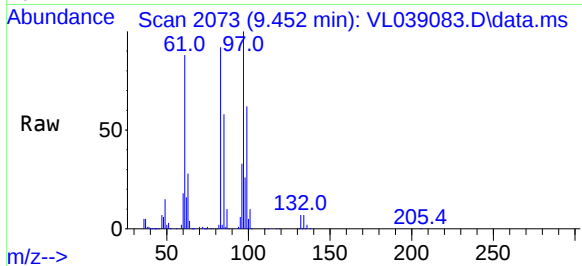
#47
1,1,2-Trichloroethane
Concen: 9.424 ppbv
RT: 9.452 min Scan# 2073
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

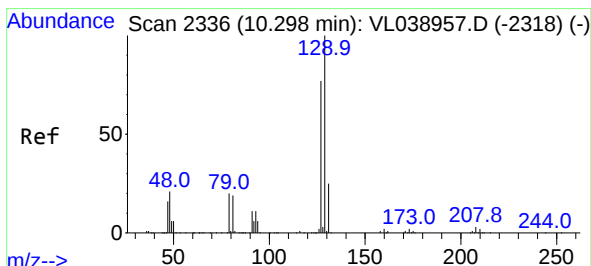
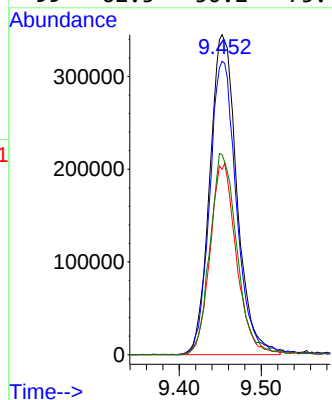
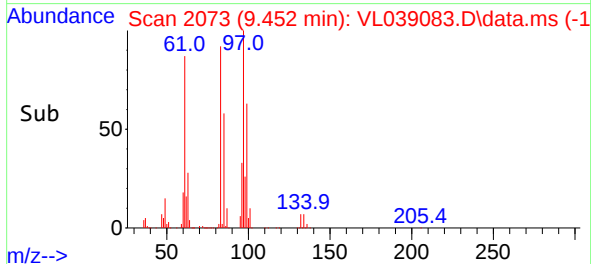


Tgt Ion: 97 Resp: 794532
Ion Ratio Lower Upper
97 100
83 91.5 72.0 108.0
85 57.9 45.7 68.5
99 62.5 50.2 75.4

Manual Integrations

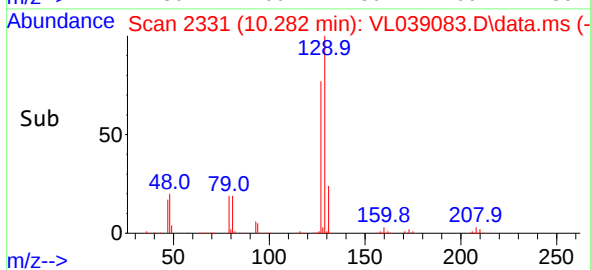
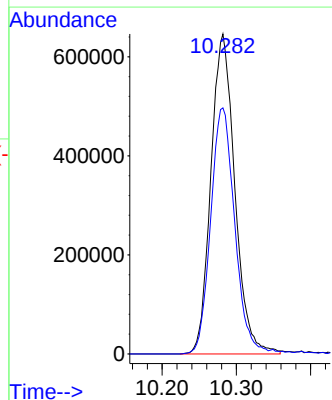
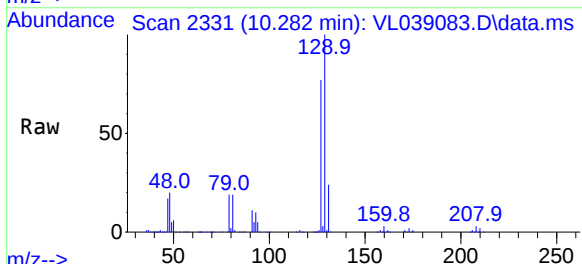
APPROVED

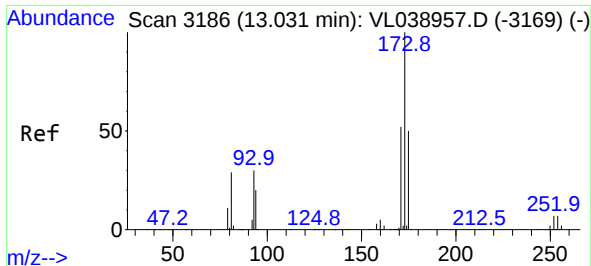
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#48
Dibromochloromethane
Concen: 10.539 ppbv
RT: 10.282 min Scan# 2331
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:129 Resp: 1446254
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.9





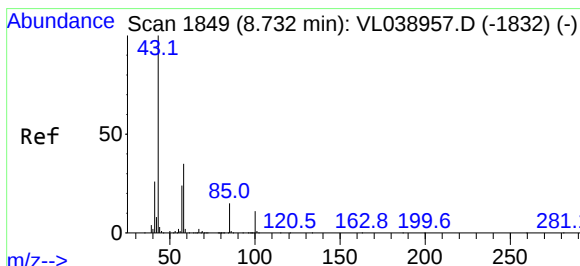
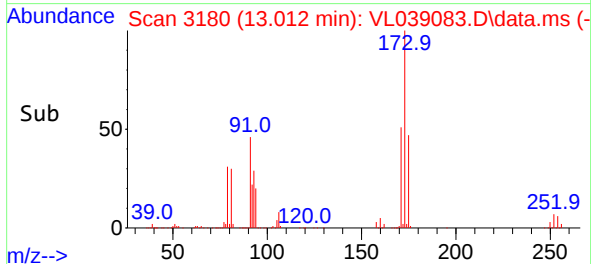
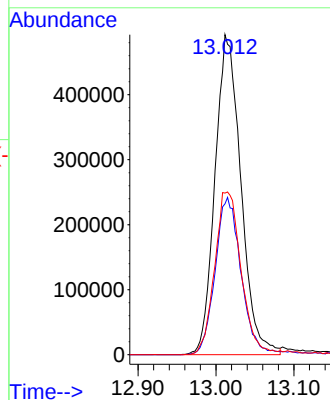
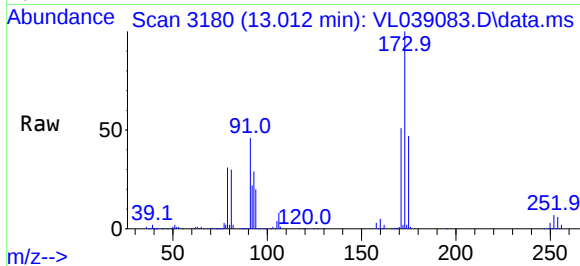
#49
Bromoform
Concen: 10.872 ppbv
RT: 13.012 min Scan# 3186
Delta R.T. -0.019 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:173 Resp: 113788
Ion Ratio Lower Upper
173 100
175 50.5 41.0 61.6
171 53.1 42.6 64.0

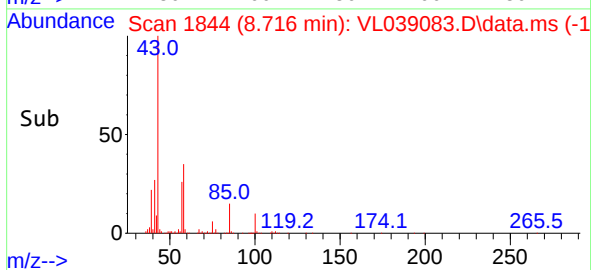
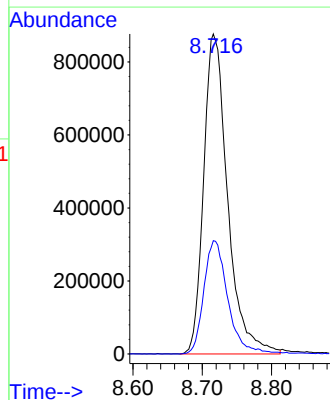
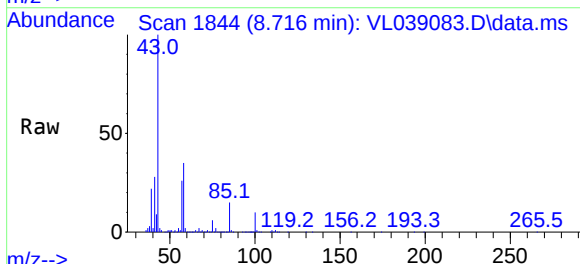
Manual Integrations
APPROVED

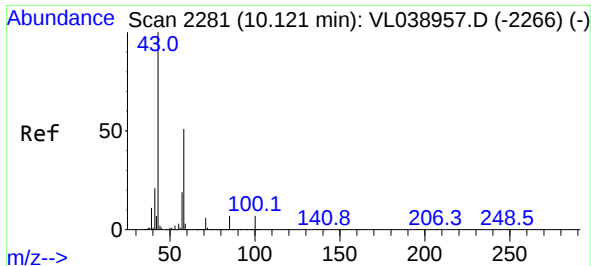
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#50
4-Methyl-2-Pentanone
Concen: 9.657 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

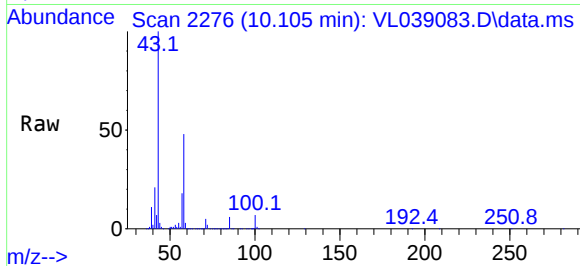
Tgt Ion: 43 Resp: 2103328
Ion Ratio Lower Upper
43 100
58 35.8 28.4 42.6





#51
2-Hexanone
Concen: 10.465 ppbv
RT: 10.105 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

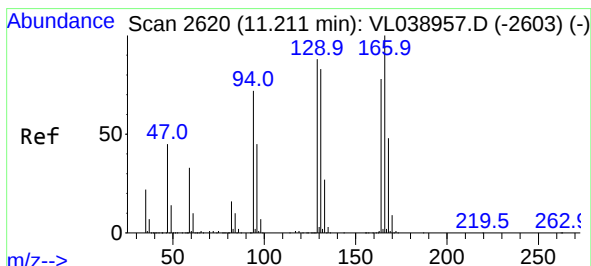
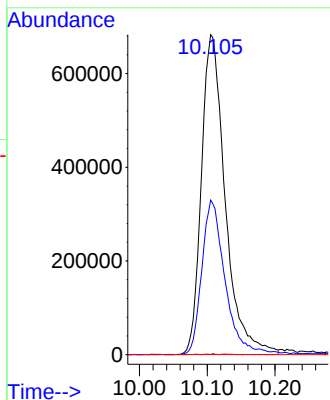
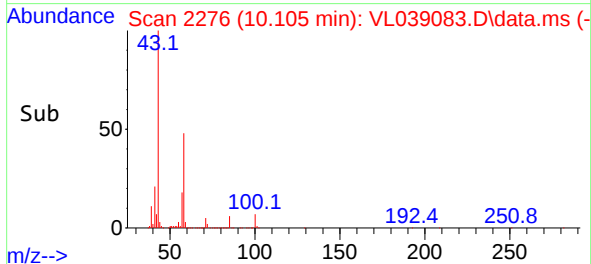
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



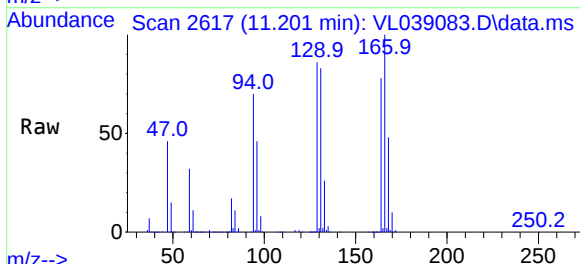
Tgt Ion: 43 Resp: 1663560
Ion Ratio Lower Upper
43 100
58 47.6 39.3 58.9
98 0.1 0.2 0.2

Manual Integrations
APPROVED

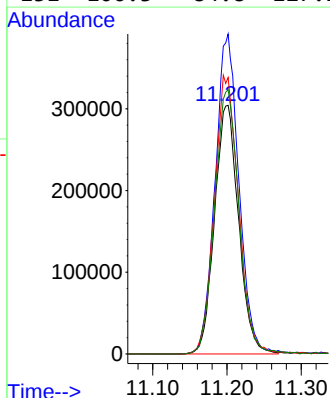
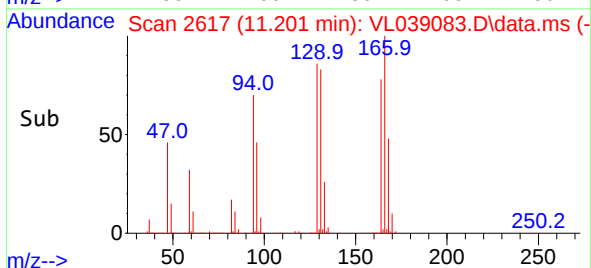
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

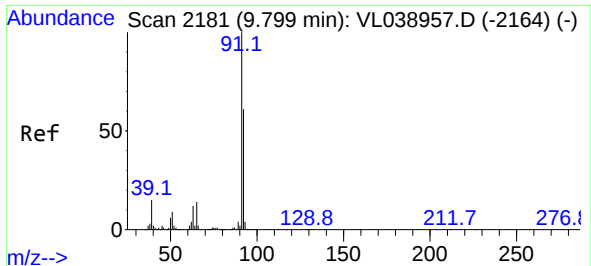


#52
Tetrachloroethene
Concen: 9.189 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



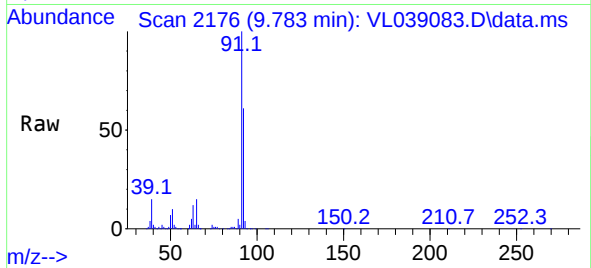
Tgt Ion:164 Resp: 684126
Ion Ratio Lower Upper
164 100
166 128.7 102.5 153.7
129 111.2 90.1 135.1
131 106.3 84.8 127.2





#53
Toluene
Concen: 9.476 ppbv
RT: 9.783 min Scan# 2181
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

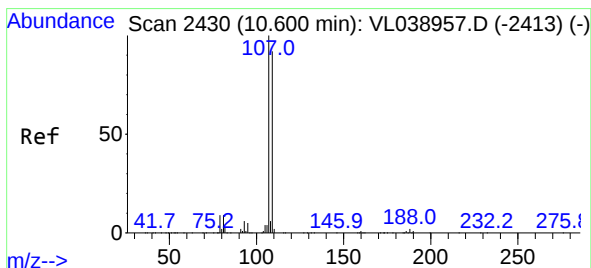
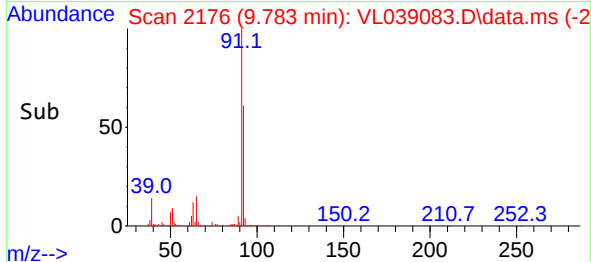
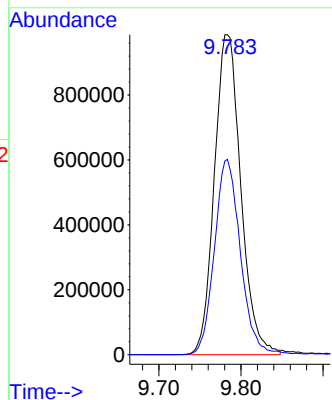
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 221274
Ion Ratio Lower Upper
91 100
92 60.4 48.2 72.2

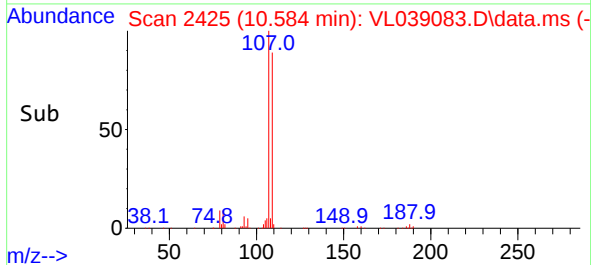
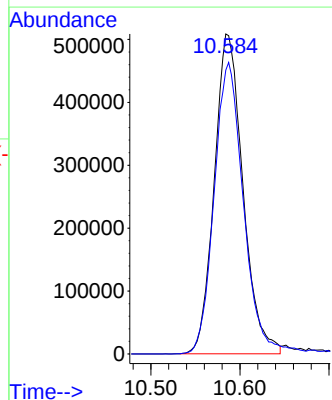
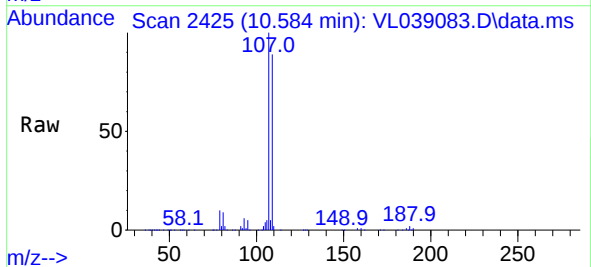
Manual Integrations
APPROVED

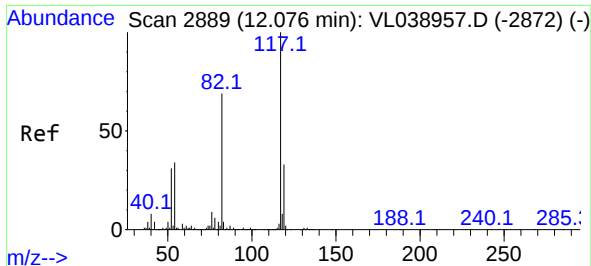
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#54
1,2-Dibromoethane
Concen: 9.902 ppbv
RT: 10.584 min Scan# 2425
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

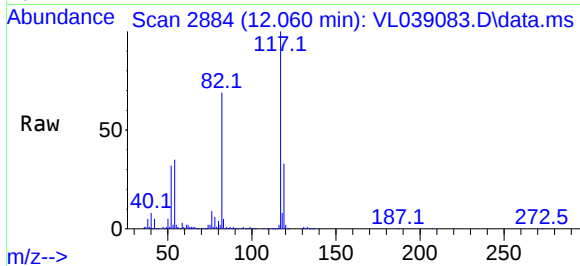
Tgt Ion:107 Resp: 1136612
Ion Ratio Lower Upper
107 100
109 88.7 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.060 min Scan# 2884
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

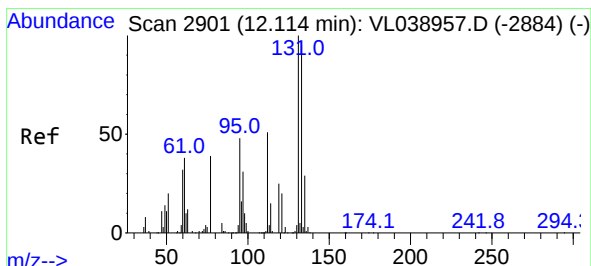
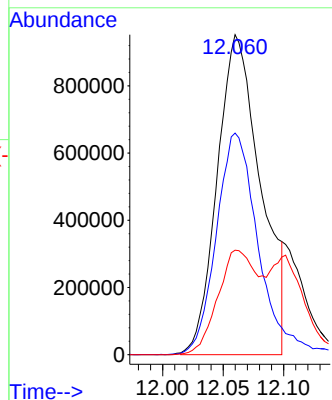
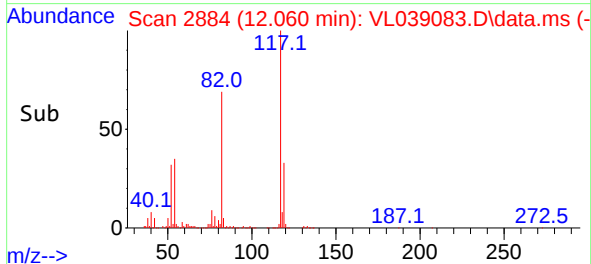
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



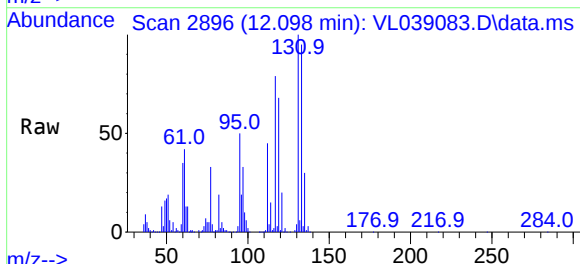
Tgt Ion:117 Resp: 2383624
Ion Ratio Lower Upper
117 100
82 68.9 57.0 85.6
119 31.4 27.2 40.8

Manual Integrations
APPROVED

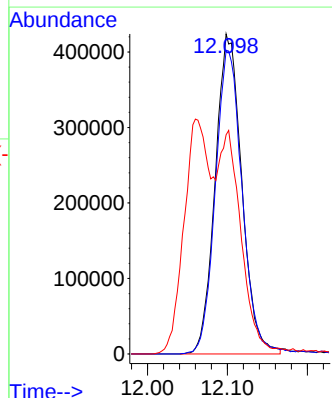
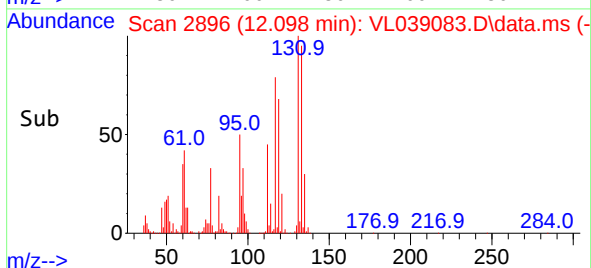
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

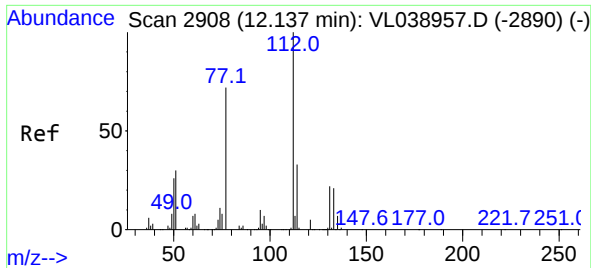


#56
1,1,1,2-Tetrachloroethane
Concen: 9.320 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



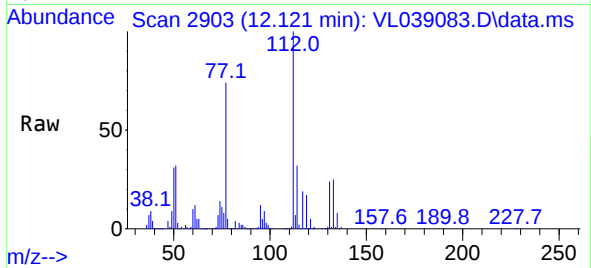
Tgt Ion:131 Resp: 974745
Ion Ratio Lower Upper
131 100
133 97.0 76.9 115.3
119 63.2 47.4 71.0





#57
Chlorobenzene
Concen: 9.057 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

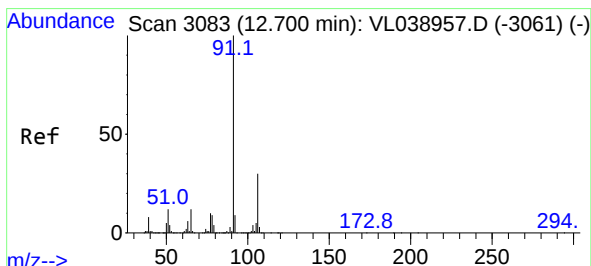
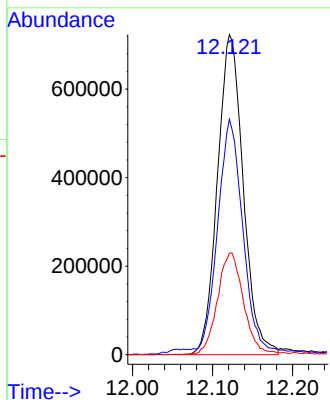
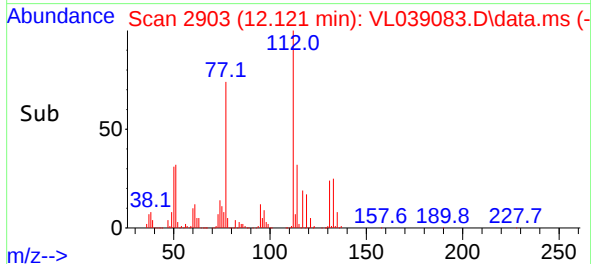
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



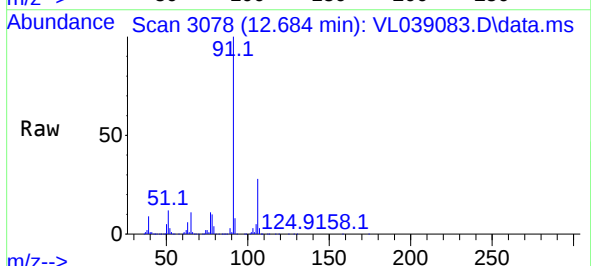
Tgt Ion:112 Resp: 161831
Ion Ratio Lower Upper
112 100
77 72.2 57.7 86.5
114 31.6 30.1 36.7

Manual Integrations
APPROVED

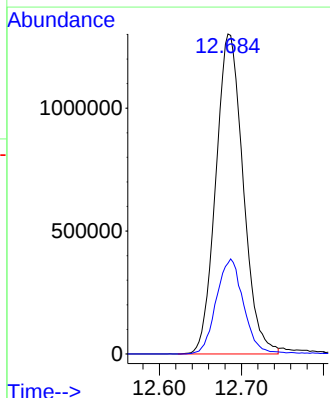
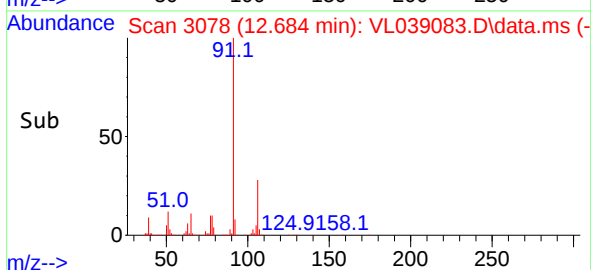
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

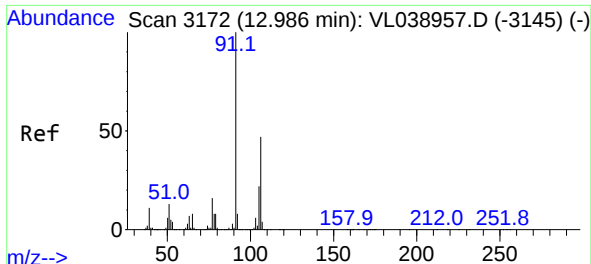


#58
Ethyl Benzene
Concen: 8.791 ppbv
RT: 12.684 min Scan# 3078
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



Tgt Ion: 91 Resp: 3015596
Ion Ratio Lower Upper
91 100
106 28.3 24.2 36.4





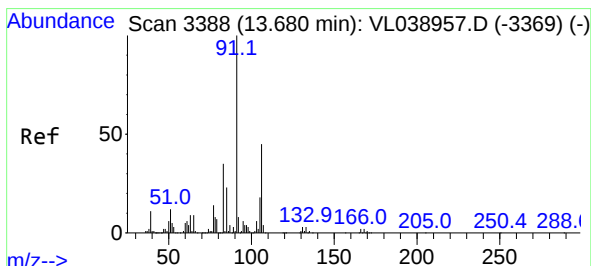
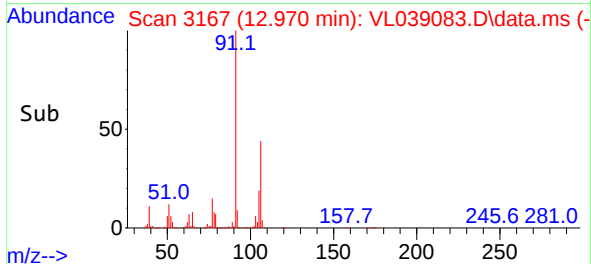
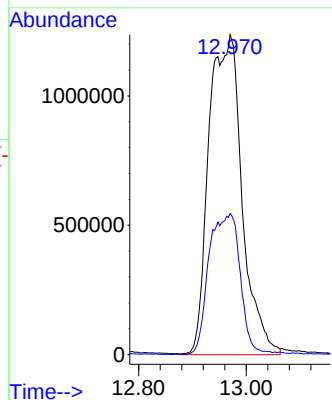
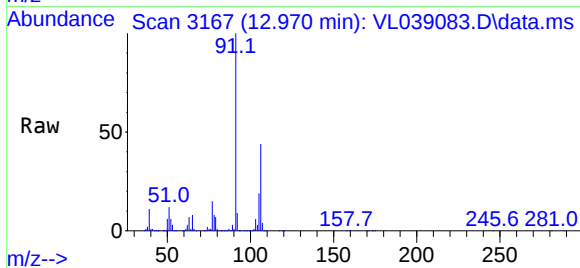
#59
m/p-Xylene
Concen: 18.031 ppbv m
RT: 12.970 min Scan# 3172
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 5280289
Ion Ratio Lower Upper
91 100
106 42.3 34.6 52.0

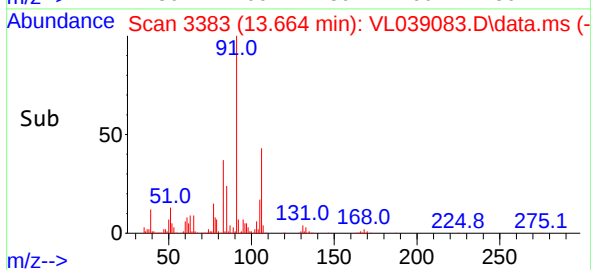
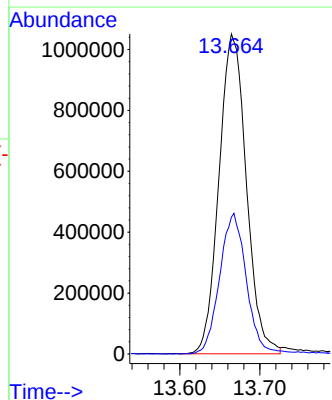
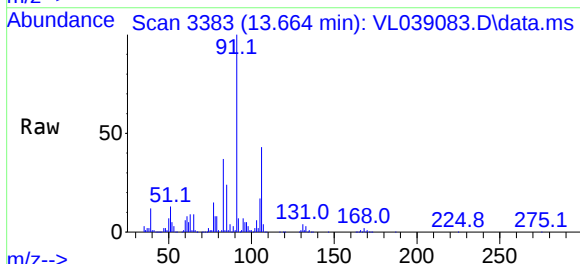
Manual Integrations
APPROVED

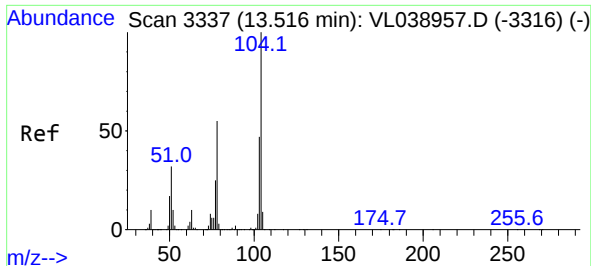
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#60
o-Xylene
Concen: 9.048 ppbv
RT: 13.664 min Scan# 3383
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

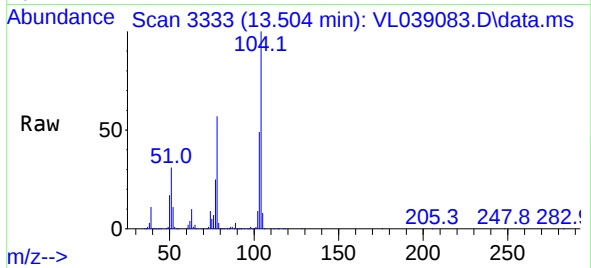
Tgt Ion: 91 Resp: 2493846
Ion Ratio Lower Upper
91 100
106 43.7 22.2 66.6





#61
Styrene
Concen: 9.677 ppbv
RT: 13.504 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

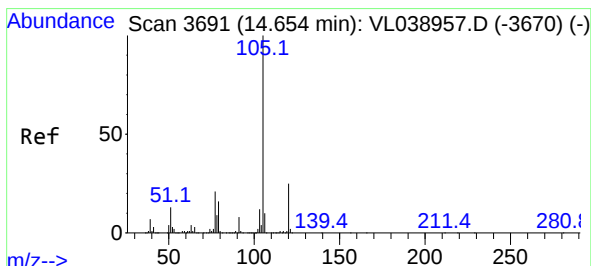
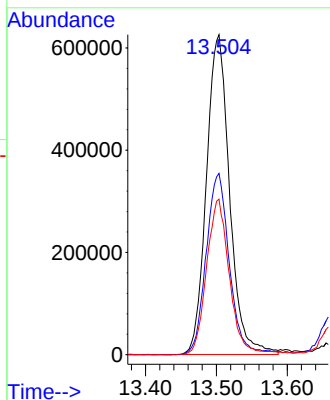
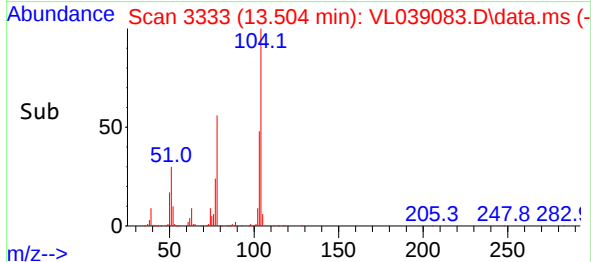
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



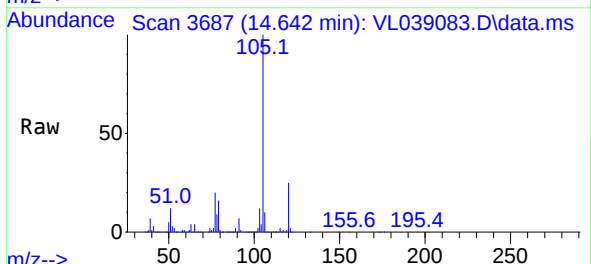
Tgt Ion:104 Resp: 142394
Ion Ratio Lower Upper
104 100
78 57.2 46.4 69.6
103 48.3 39.3 58.9

Manual Integrations
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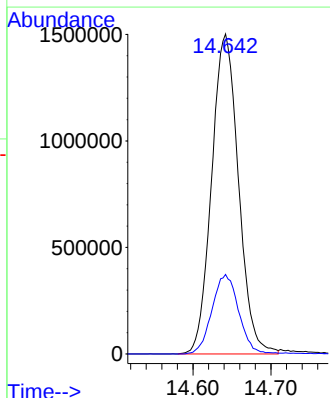
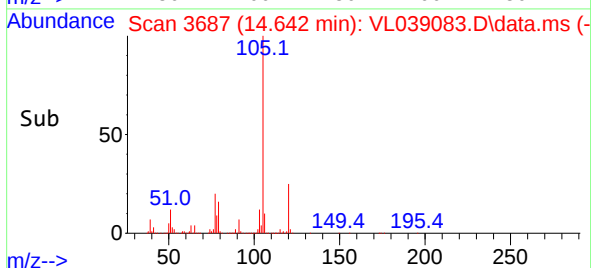
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

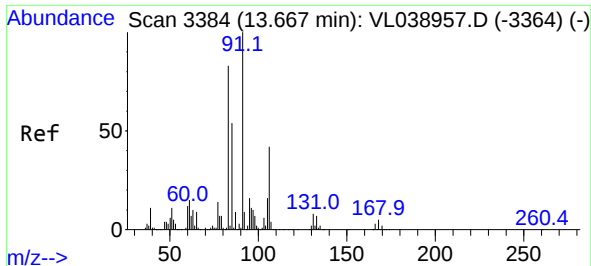


#62
Isopropylbenzene
Concen: 8.923 ppbv
RT: 14.642 min Scan# 3687
Delta R.T. -0.012 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



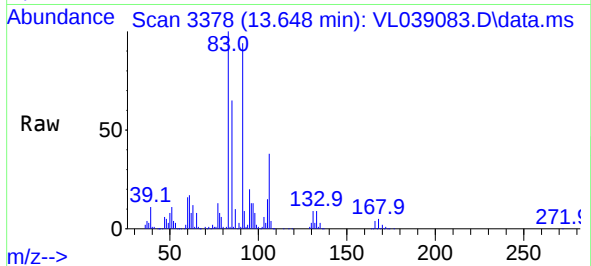
Tgt Ion:105 Resp: 3596548
Ion Ratio Lower Upper
105 100
120 25.0 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 8.556 ppbv
RT: 13.648 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

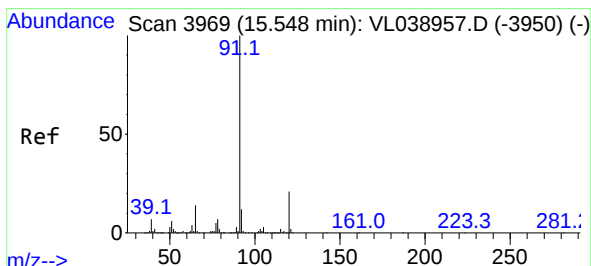
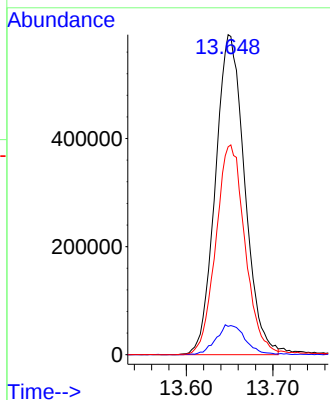
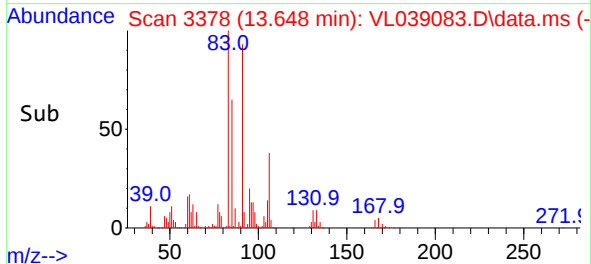
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



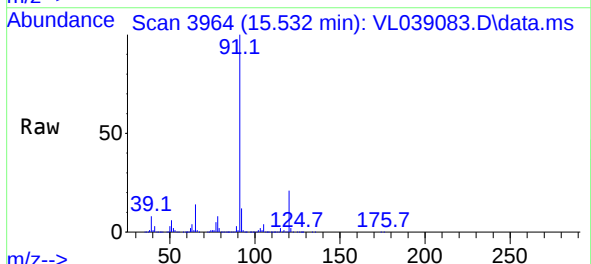
Tgt Ion: 83 Resp: 138858
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.7
85 66.7 32.8 98.3

Manual Integrations
APPROVED

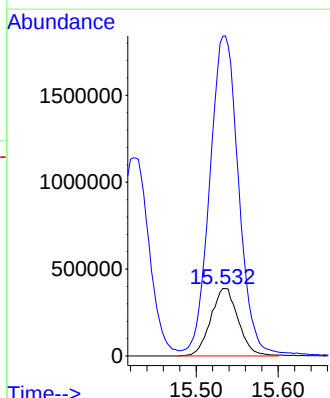
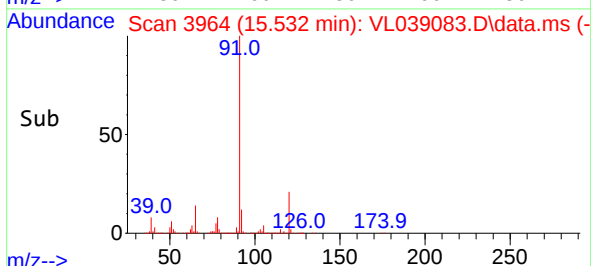
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

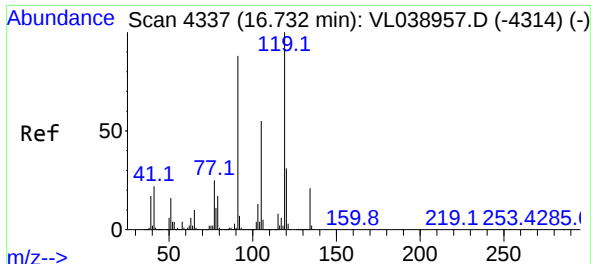


#64
n-propylbenzene
Concen: 9.252 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



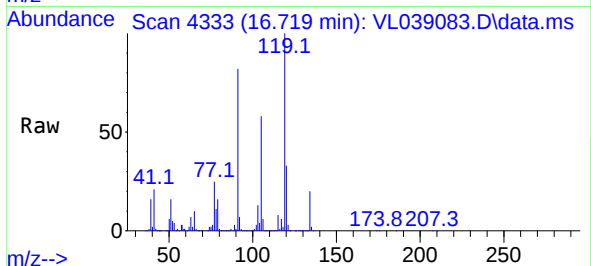
Tgt Ion:120 Resp: 901580
Ion Ratio Lower Upper
120 100
91 503.9 400.6 601.0





#65
tert-Butylbenzene
Concen: 9.123 ppbv
RT: 16.719 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

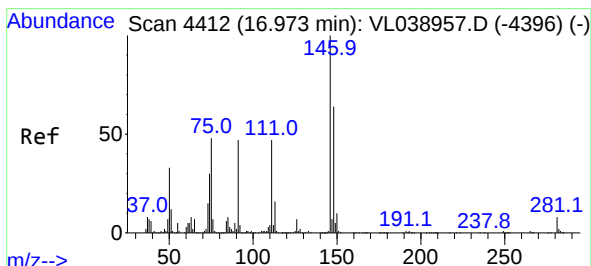
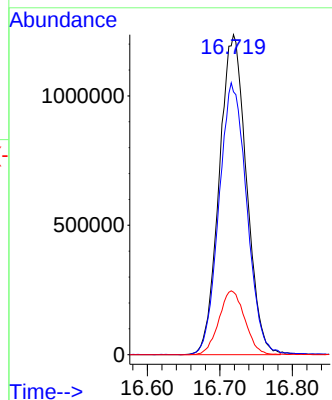
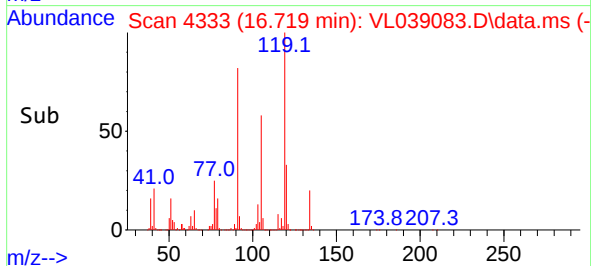
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



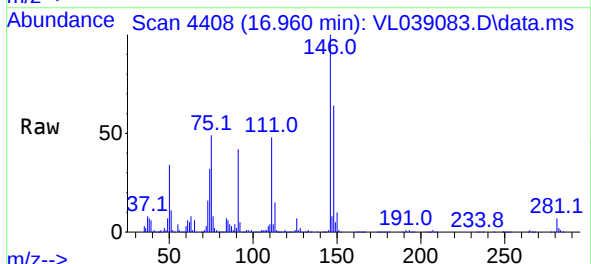
Tgt Ion: 119 Resp: 322191
Ion Ratio Lower Upper
119 100
91 86.8 69.4 104.2
134 19.0 15.8 23.8

Manual Integrations
APPROVED

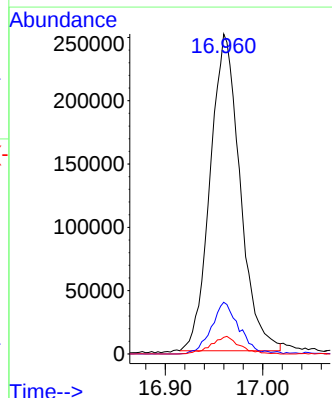
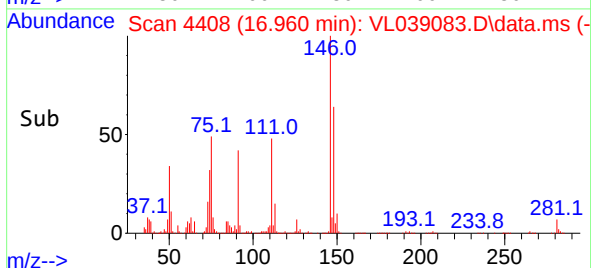
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

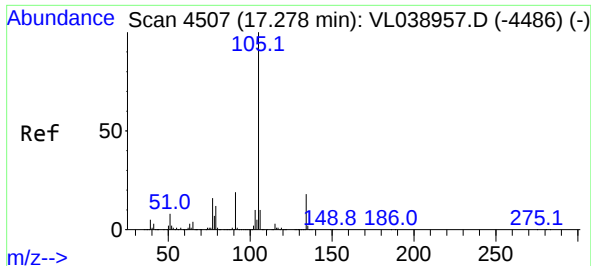


#66
Benzyl Chloride
Concen: 11.548 ppbv
RT: 16.960 min Scan# 4408
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



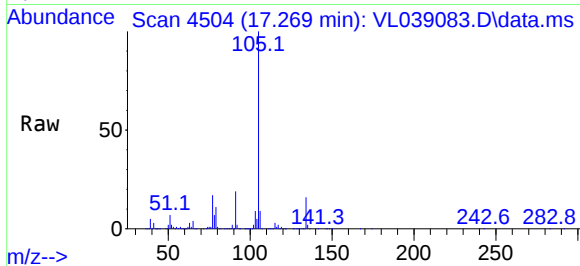
Tgt Ion: 91 Resp: 533089
Ion Ratio Lower Upper
91 100
126 15.6 11.8 17.6
128 5.3 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.100 ppbv
 RT: 17.269 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

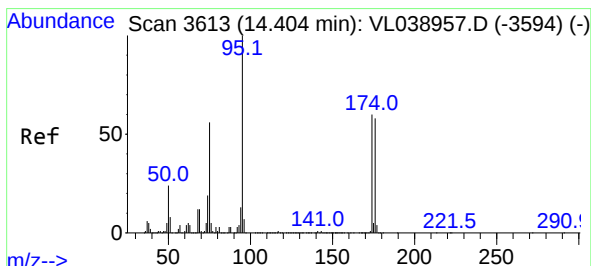
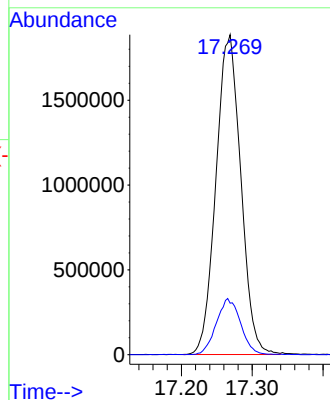
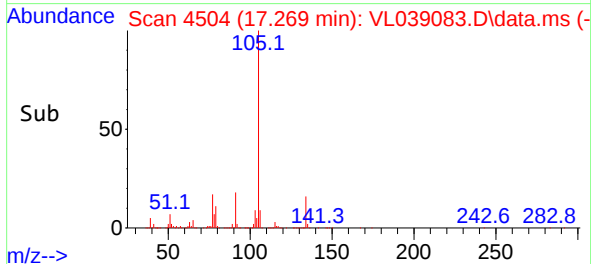
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



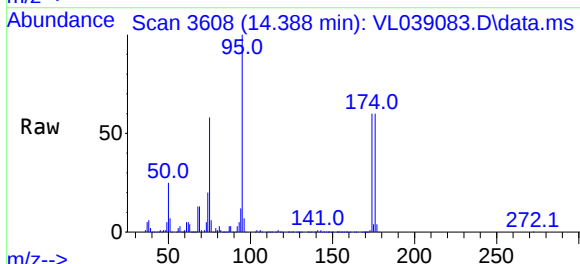
Tgt Ion:105 Resp: 4591314
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.2 21.4

Manual Integrations
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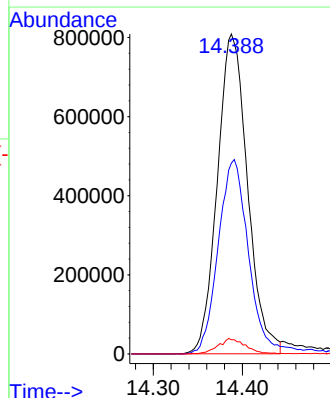
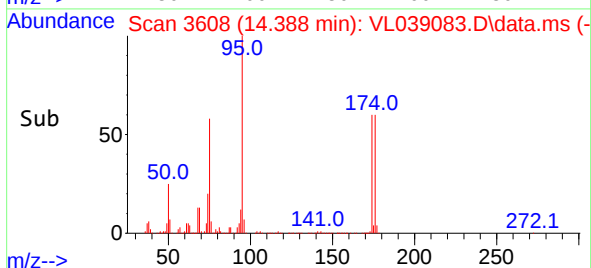
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

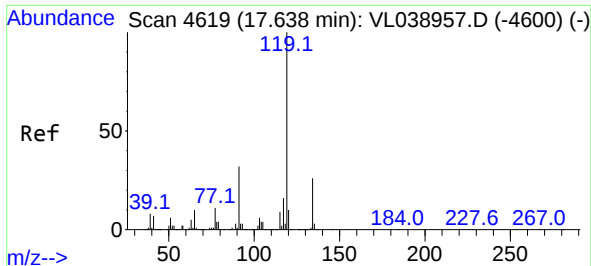


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.090 ppbv
 RT: 14.388 min Scan# 3608
 Delta R.T. -0.016 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47



Tgt Ion: 95 Resp: 1904683
 Ion Ratio Lower Upper
 95 100
 174 63.3 50.8 76.2
 175 4.6 3.8 5.6





#69

p-Isopropyltoluene

Concen: 9.402 ppbv

RT: 17.626 min Scan# 4615

Delta R.T. -0.013 min

Lab File: VL039083.D

Acq: 23 May 2022 11:47

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 383258

Ion Ratio Lower Upper

119 100

134 24.7 20.0 30.0

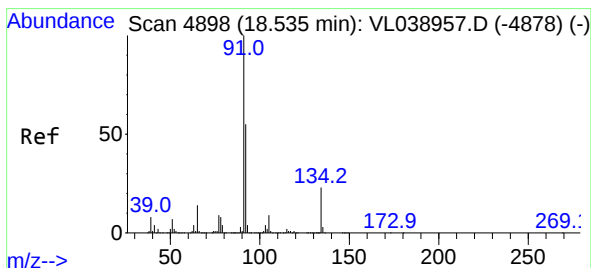
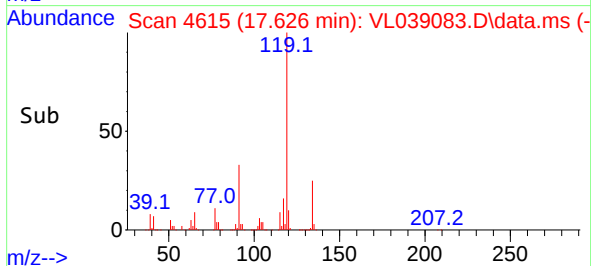
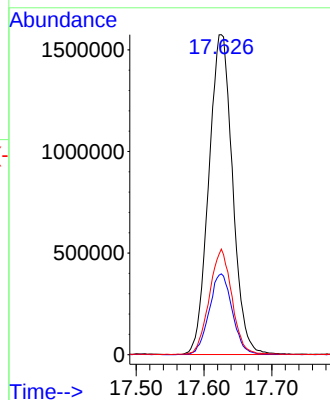
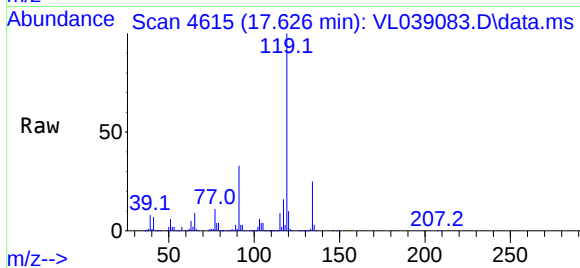
91 31.4 24.8 37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/26/2022



#70

n-Butylbenzene

Concen: 9.755 ppbv

RT: 18.519 min Scan# 4893

Delta R.T. -0.016 min

Lab File: VL039083.D

Acq: 23 May 2022 11:47

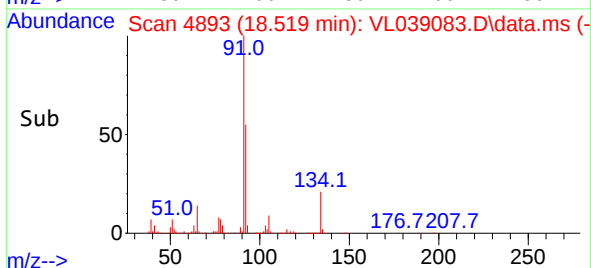
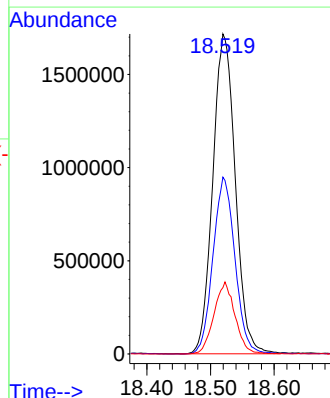
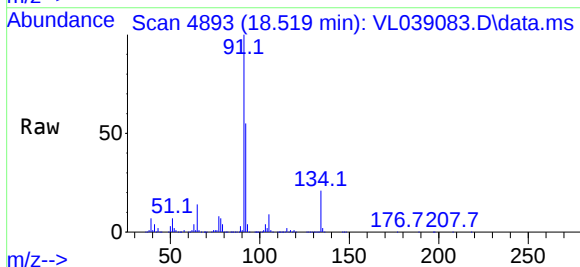
Tgt Ion: 91 Resp: 4224644

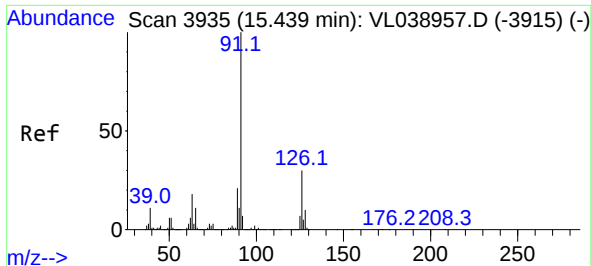
Ion Ratio Lower Upper

91 100

92 54.0 43.1 64.7

134 21.1 17.0 25.4





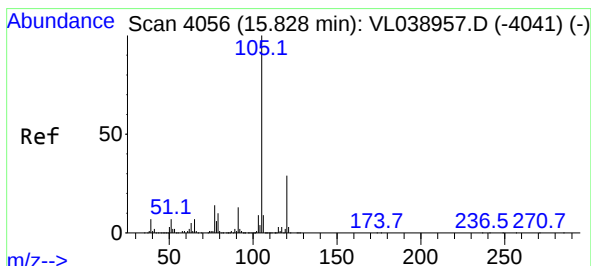
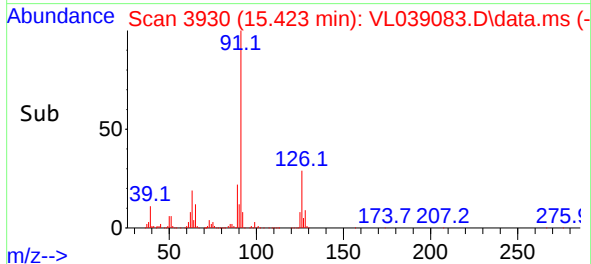
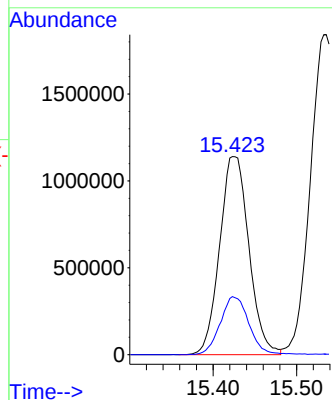
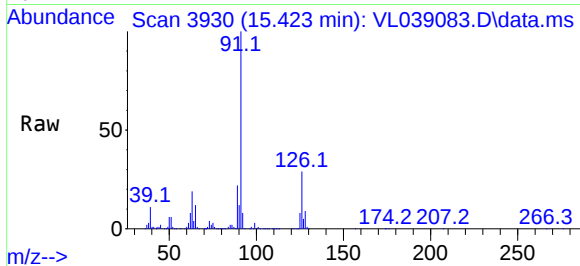
#71
2-Chlorotoluene
Concen: 8.958 ppbv m
RT: 15.423 min Scan# 3935
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 278348
Ion Ratio Lower Upper
91 100
126 29.1 11.9 47.5

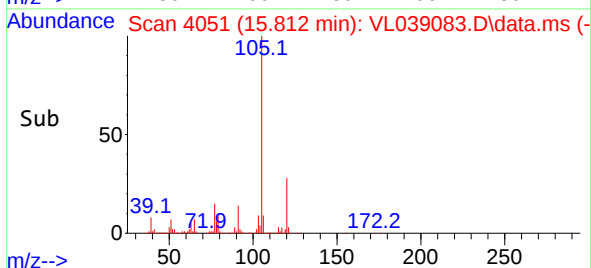
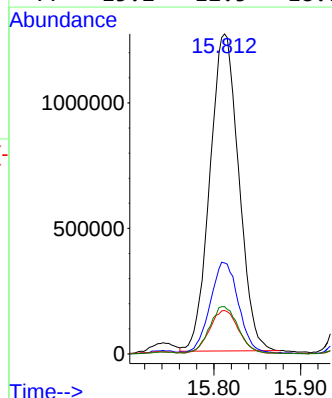
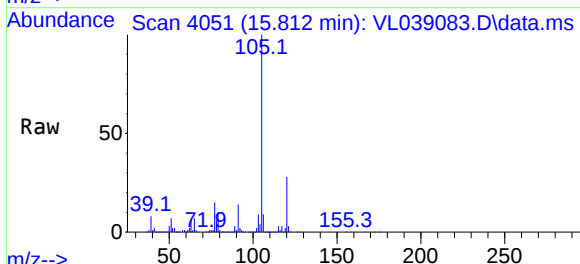
Manual Integrations
APPROVED

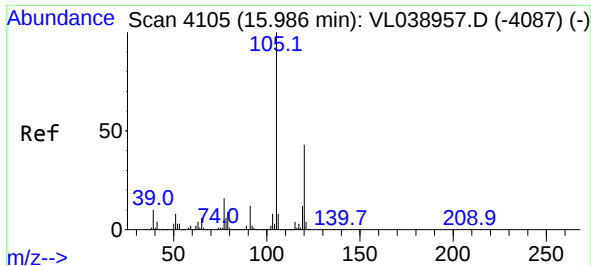
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#72
4-Ethyltoluene
Concen: 9.304 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. -0.016 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Tgt Ion:105 Resp: 2922287
Ion Ratio Lower Upper
105 100
120 29.0 23.4 35.0
91 13.7 10.6 16.0
77 15.2 12.5 18.7





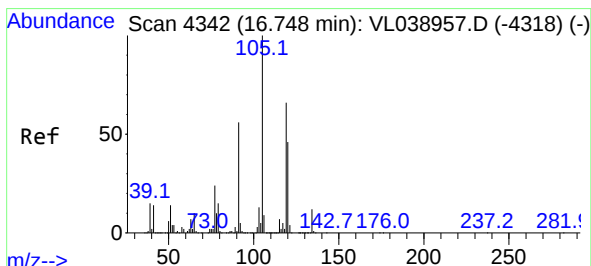
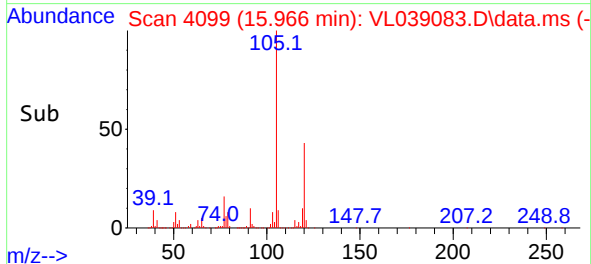
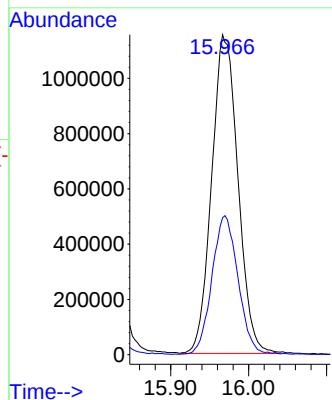
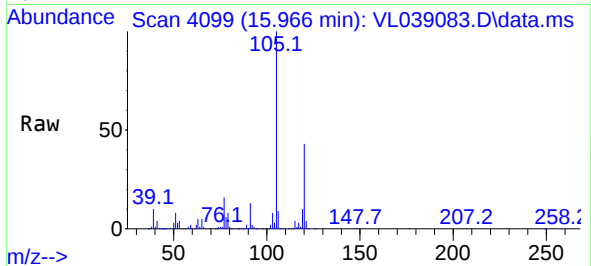
#73
1,3,5-Trimethylbenzene
Concen: 9.557 ppbv
RT: 15.966 min Scan# 4099
Delta R.T. -0.019 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 2702340
Ion Ratio Lower Upper
105 100
120 42.8 34.4 51.6

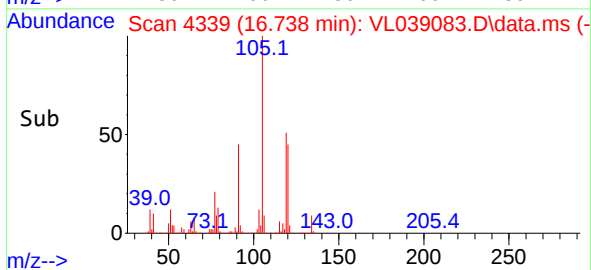
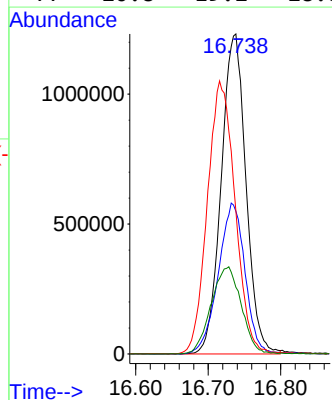
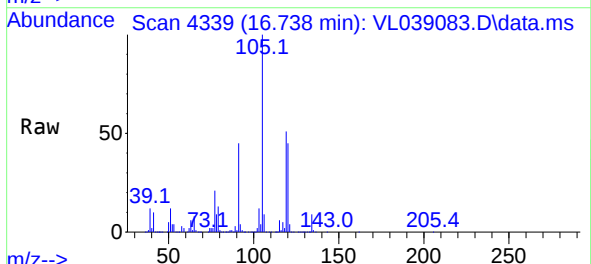
Manual Integrations
APPROVED

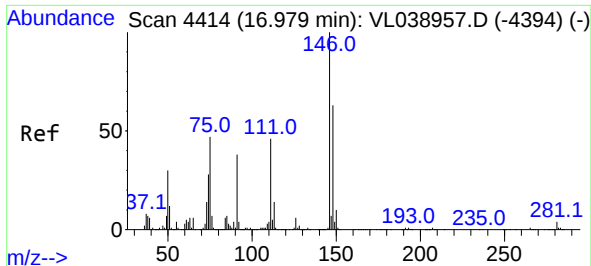
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.437 ppbv
RT: 16.738 min Scan# 4339
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

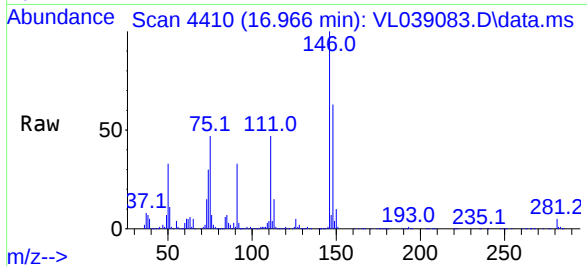
Tgt Ion:105 Resp: 2921628
Ion Ratio Lower Upper
105 100
120 44.6 36.9 55.3
91 44.5 45.0 67.4#
77 20.8 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.642 ppbv
RT: 16.966 min Scan# 4410
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

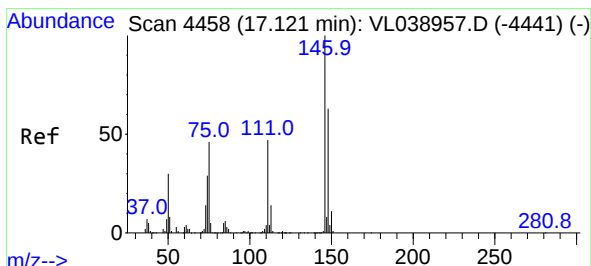
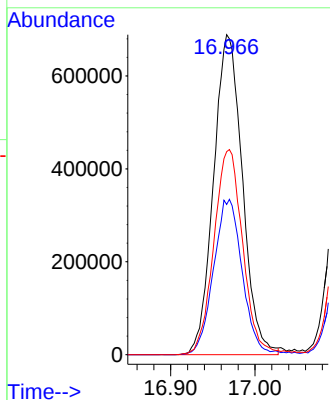
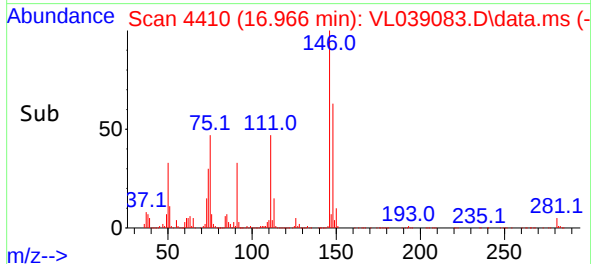
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



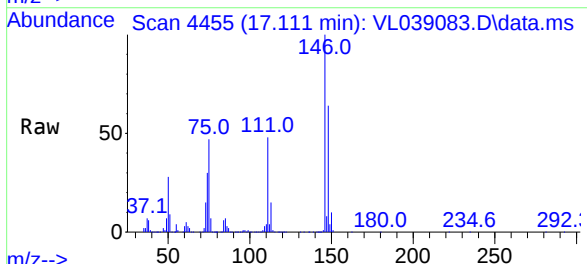
Tgt Ion:146 Resp: 1635604
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.2
148 64.6 32.4 97.2

Manual Integrations
APPROVED

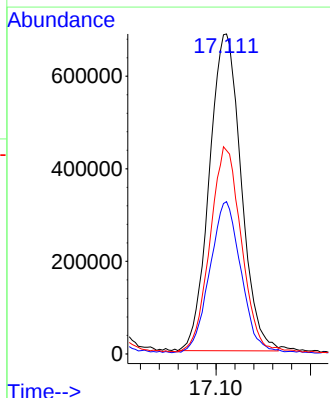
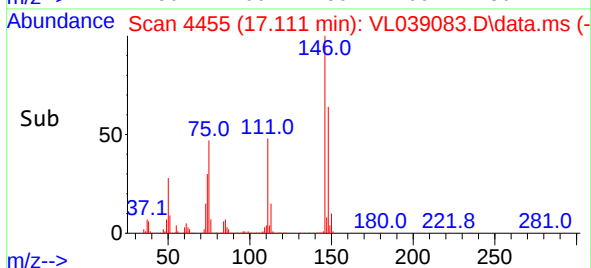
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

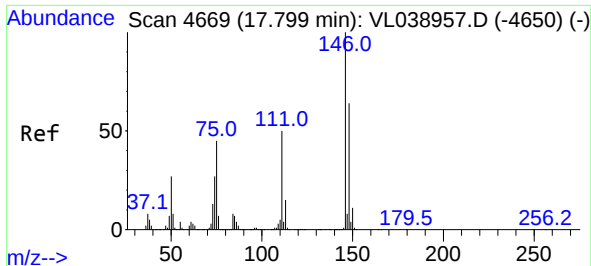


#76
1,4-Dichlorobenzene
Concen: 9.579 ppbv
RT: 17.111 min Scan# 4455
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



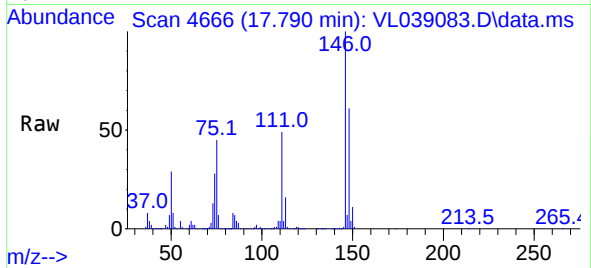
Tgt Ion:146 Resp: 1598478
Ion Ratio Lower Upper
146 100
111 49.0 23.6 71.0
148 66.4 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 9.643 ppbv
RT: 17.790 min Scan# 4669
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

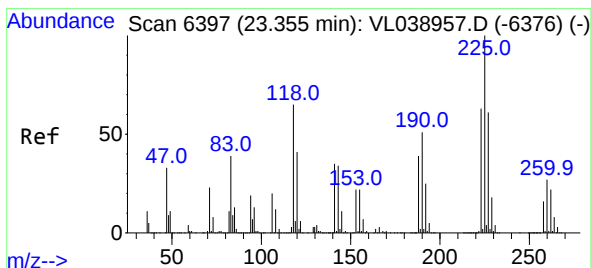
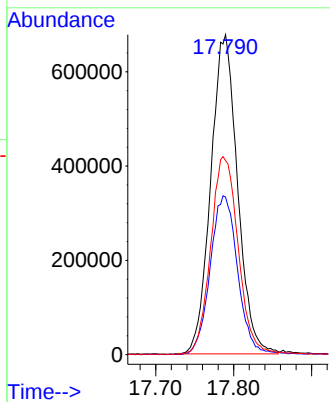
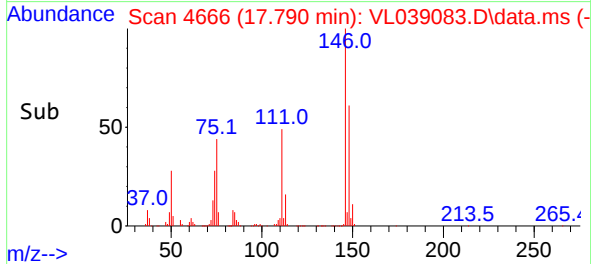
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



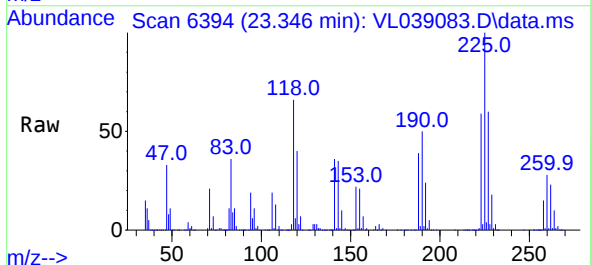
Tgt Ion:146 Resp: 1617860
Ion Ratio Lower Upper
146 100
111 51.1 25.3 75.9
148 64.0 32.3 96.9

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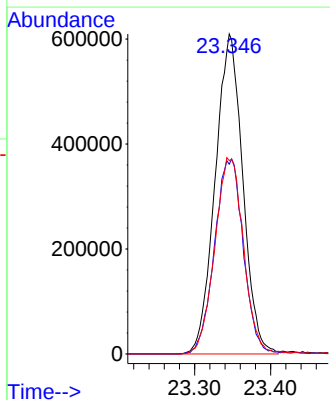
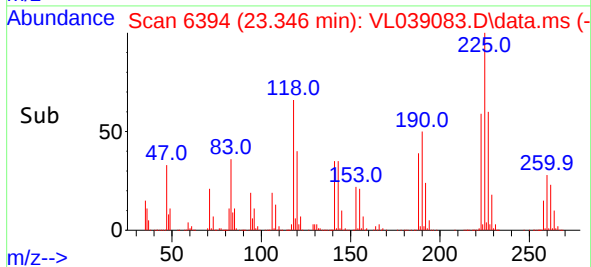
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

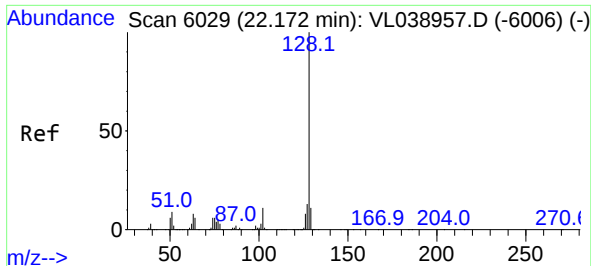


#78
Hexachloro-1,3-Butadiene
Concen: 9.947 ppbv
RT: 23.346 min Scan# 6394
Delta R.T. -0.009 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



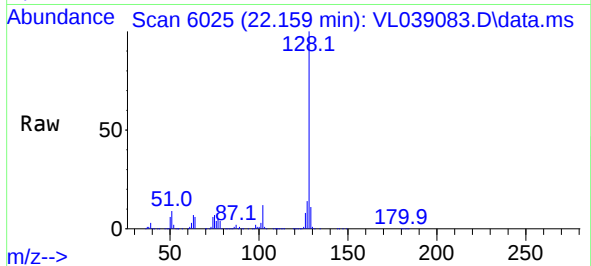
Tgt Ion:225 Resp: 1533673
Ion Ratio Lower Upper
225 100
223 64.0 51.4 77.0
227 64.4 51.4 77.0





#79
Naphthalene
Concen: 12.667 ppbv
RT: 22.159 min Scan# 6025
Delta R.T. -0.013 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47

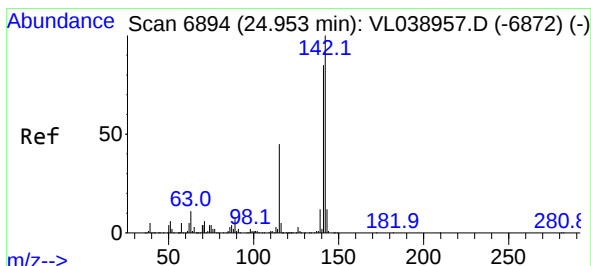
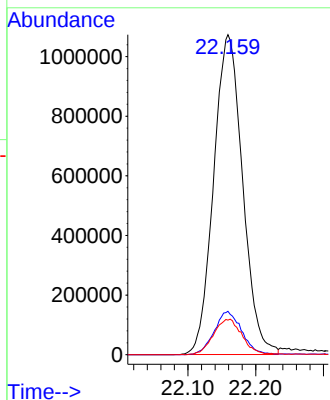
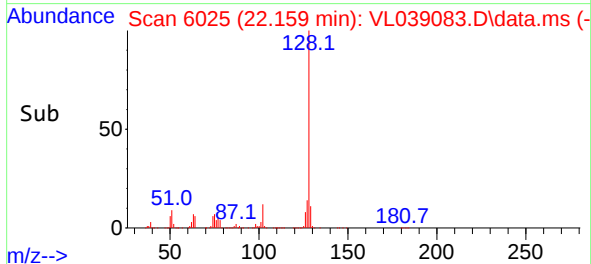
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



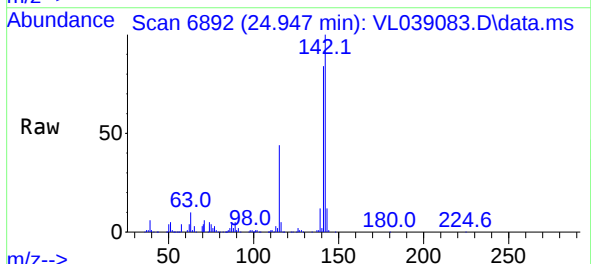
Tgt Ion:128 Resp: 318555
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.2
129 10.8 8.9 13.3

Manual Integrations
APPROVED

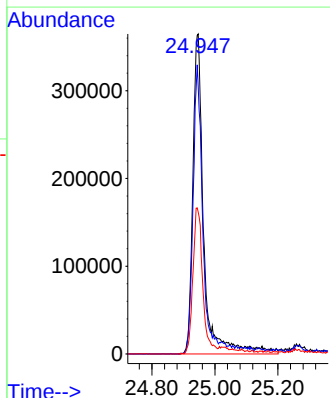
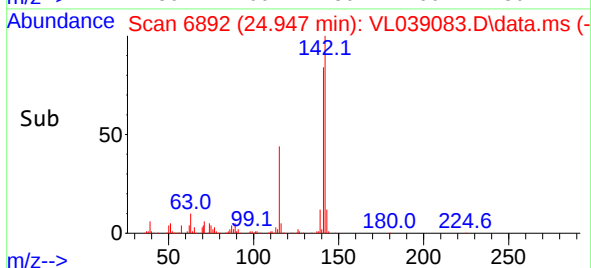
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

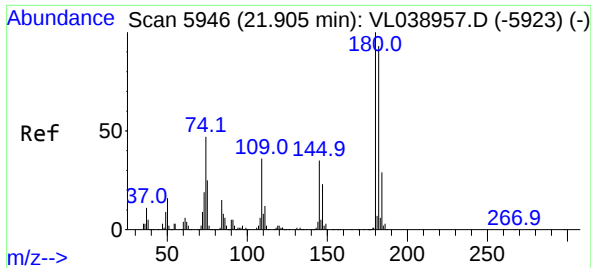


#80
Naphthalene,2-methyl-
Concen: 11.696 ppbv
RT: 24.947 min Scan# 6892
Delta R.T. -0.006 min
Lab File: VL039083.D
Acq: 23 May 2022 11:47



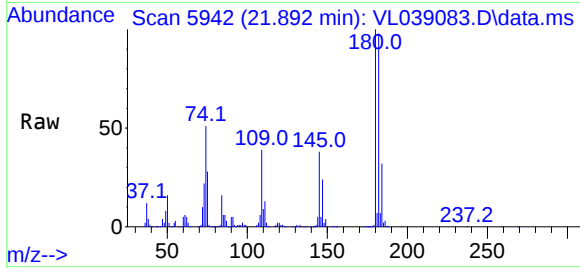
Tgt Ion:142 Resp: 889798
Ion Ratio Lower Upper
142 100
141 82.6 70.8 106.2
115 40.9 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 11.439 ppbv
 RT: 21.892 min Scan# 5942
 Delta R.T. -0.013 min
 Lab File: VL039083.D
 Acq: 23 May 2022 11:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1685749

Ion	Ratio	Lower	Upper
180	100		
182	98.3	78.4	117.6
184	31.4	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

