

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039032.D
 Acq On : 12 May 2022 9:00
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/15/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 13 01:19:20 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 13 01:19:20 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.642	49	981070	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.147	114	2684585	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.050	117	2512723	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.378 95 1788460 8.987 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 89.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.038	85	1141786	7.428	ppbv	97
3) Chlorodifluoromethane	2.980	51	1157804	9.511	ppbv	95
4) Chloromethane	3.131	50	541796	8.887	ppbv	98
5) Vinyl Chloride	3.247	62	545622	9.801	ppbv	95
6) Bromomethane	3.462	94	245962	9.353	ppbv	93
7) Chloroethane	3.546	64	178019	9.554	ppbv	95
8) Dichlorotetrafluoroethane	3.176	85	1317707	9.459	ppbv	99
9) Propene	2.999	41	584945	11.003	ppbv	95
10) Heptane	8.092	43	1384976	10.619	ppbv	99
11) Trichlorofluoromethane	3.935	101	1190167	9.024	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.465	101	864414	9.514	ppbv	95
13) Ethanol	3.591	45	45338	12.051	ppbv	97
14) Bromoethene	3.726	108	365431	9.754	ppbv	98
15) Acetone	3.829	43	924182	9.986	ppbv	98
16) 1,3-Butadiene	3.317	39	526231	9.897	ppbv	99
17) tert-Butyl alcohol	4.263	59	853085	11.994	ppbv	99
18) 1,1-Dichloroethene	4.272	96	378169	9.671	ppbv	96
19) Isopropyl Alcohol	3.941	45	529649	12.037	ppbv #	98
20) Methylene Chloride	4.327	84	329267	9.440	ppbv	97
21) Allyl Chloride	4.391	41	618471	9.807	ppbv	98
22) trans-1,2-Dichloroethene	4.867	96	417760	9.891	ppbv	91
23) Vinyl Acetate	5.047	43	630307	8.608	ppbv #	98
24) 1,1-Dichloroethane	4.989	63	822195	9.751	ppbv	99
25) Ethyl Acetate	5.648	43	2550221	11.513	ppbv	99
26) Hexane	5.665	57	1046305	10.631	ppbv	95
27) Carbon Disulfide	4.533	76	960654	10.275	ppbv	99
28) Methyl tert-Butyl Ether	5.009	73	784630	10.479	ppbv	99
29) Chloroform	5.729	83	1557775	9.783	ppbv	97
30) Cyclohexane	7.105	84	876726	10.640	ppbv	94
31) cis-1,2-Dichloroethene	5.526	61	971507	9.689	ppbv	88
32) 1,1,1-Trichloroethane	6.484	97	1540654	9.677	ppbv	98
34) 2-Butanone	5.218	43	1176595	8.591	ppbv	100
35) Carbon Tetrachloride	6.989	117	1551731	8.772	ppbv	99
36) Benzene	6.864	78	2170347	9.447	ppbv	98
37) 1,2-Dichloroethane	6.282	62	1143674	8.046	ppbv #	96
38) Trichloroethene	7.803	130	827807	8.105	ppbv	97
39) 1,2-Dichloropropane	7.584	63	830638	9.292	ppbv	99
40) 1,4-Dioxane	7.803	88	243636	7.588	ppbv #	1
41) Tetrahydrofuran	6.021	42	883606	9.599	ppbv	99
42) Bromodichloromethane	7.761	83	1696422	8.729	ppbv	100
43) Methyl Methacrylate	7.986	69	918489	9.848	ppbv	97
44) 2,2,4-Trimethylpentane	7.841	57	3571101	8.858	ppbv	98
45) t-1,3-Dichloropropene	9.243	75	687867	7.619	ppbv	99

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Instrument :
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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 13 01:19:20 2022

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

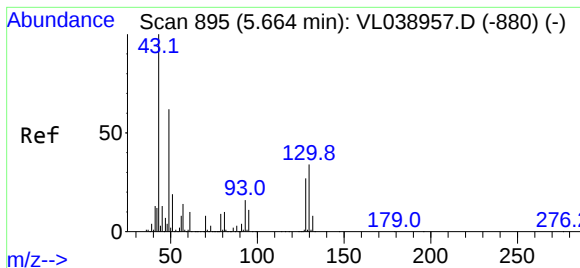
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu May 05 10:12:15 2022

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

Response via : Initial Calibration

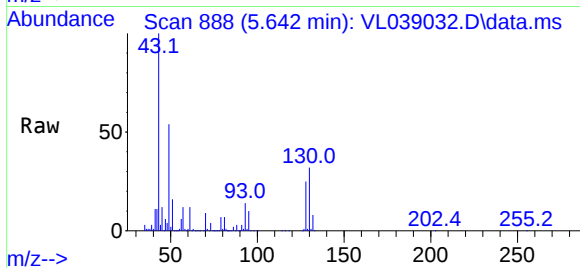
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.671	75	960968	8.026	ppbv	93
47) 1,1,2-Trichloroethane	9.442	97	879379	9.459	ppbv	99
48) Dibromochloromethane	10.272	129	1406075	9.292	ppbv	100
49) Bromoform	13.005	173	1115297	9.664	ppbv	99
50) 4-Methyl-2-Pentanone	8.706	43	2173084	9.048	ppbv	98
51) 2-Hexanone	10.098	43	1612271	9.198	ppbv #	97
52) Tetrachloroethene	11.188	164	747663	9.107	ppbv	96
53) Toluene	9.770	91	2519272	9.784	ppbv	100
54) 1,2-Dibromoethane	10.574	107	1257851	9.938	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.092	131	1058401	9.600	ppbv	96
57) Chlorobenzene	12.111	112	1761141	9.350	ppbv	94
58) Ethyl Benzene	12.674	91	3355704	9.280	ppbv	98
59) m/p-Xylene	12.963	91	5545349m	17.963	ppbv	
60) o-Xylene	13.658	91	2578173	8.873	ppbv	97
61) Styrene	13.491	104	1509635	9.732	ppbv	96
62) Isopropylbenzene	14.632	105	4021350	9.464	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.638	83	1773517	10.366	ppbv	100
64) n-propylbenzene	15.529	120	1017635	9.906	ppbv	97
65) tert-Butylbenzene	16.709	119	3419796	9.186	ppbv	95
66) Benzyl Chloride	16.947	91	206171	4.237	ppbv	96
67) sec-Butylbenzene	17.259	105	4940017	9.288	ppbv	100
69) p-Isopropyltoluene	17.613	119	4037139	9.395	ppbv	97
70) n-Butylbenzene	18.513	91	4280063	9.376	ppbv	99
71) 2-Chlorotoluene	15.417	91	2987620	9.121	ppbv	97
72) 4-Ethyltoluene	15.802	105	3116141	9.412	ppbv	98
73) 1,3,5-Trimethylbenzene	15.960	105	2807115	9.418	ppbv	96
74) 1,2,4-Trimethylbenzene	16.725	105	2960259	9.070	ppbv	98
75) 1,3-Dichlorobenzene	16.957	146	1642404	9.185	ppbv	99
76) 1,4-Dichlorobenzene	17.101	146	1610440	9.155	ppbv	98
77) 1,2-Dichlorobenzene	17.780	146	1656605	9.367	ppbv	99
78) Hexachloro-1,3-Butadiene	23.339	225	1229595	7.565	ppbv	100
79) Naphthalene	22.149	128	2394065	9.031	ppbv	99
80) Naphthalene,2-methyl-	24.937	142	604290	7.535	ppbv	97
81) 1,2,4-Trichlorobenzene	21.876	180	1304836	8.400	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.642 min Scan# 81
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

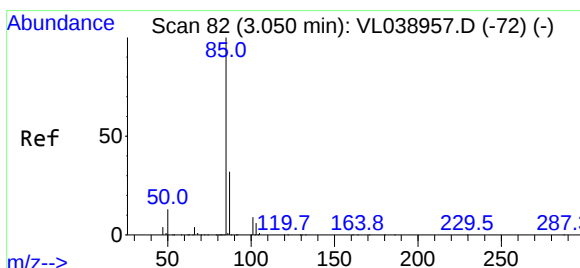
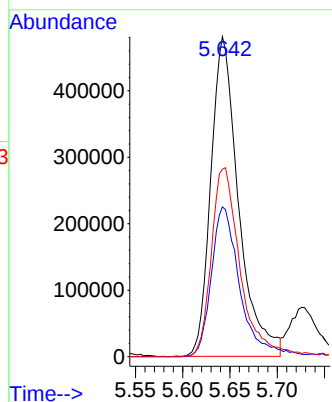
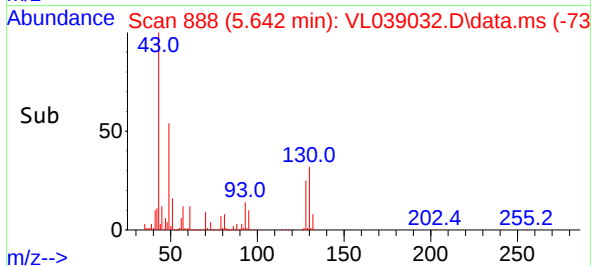
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



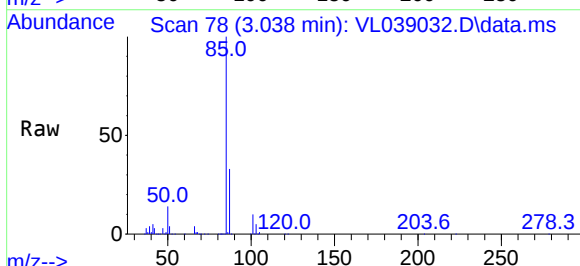
Tgt Ion: 49 Resp: 981070
Ion Ratio Lower Upper
49 100
128 48.8 23.3 69.8
130 62.8 29.8 89.3

Manual Integrations
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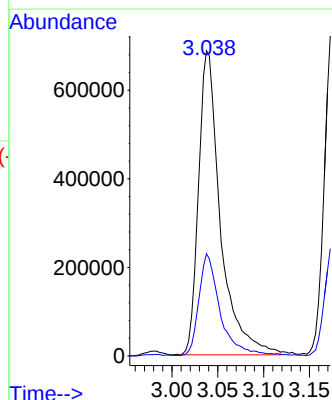
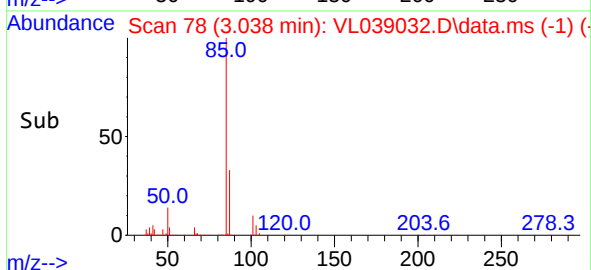
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

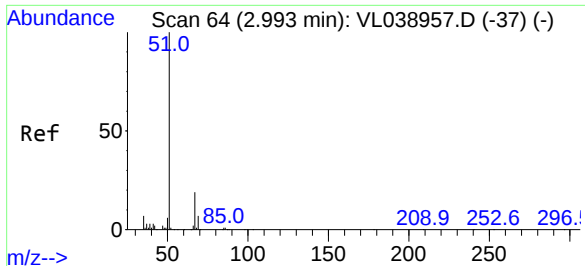


#2
Dichlorodifluoromethane
Concen: 7.428 ppbv
RT: 3.038 min Scan# 78
Delta R.T. -0.013 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



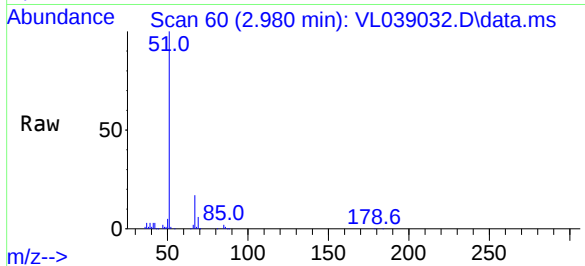
Tgt Ion: 85 Resp: 1141786
Ion Ratio Lower Upper
85 100
87 33.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.511 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

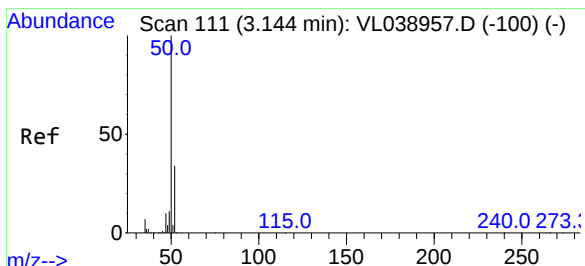
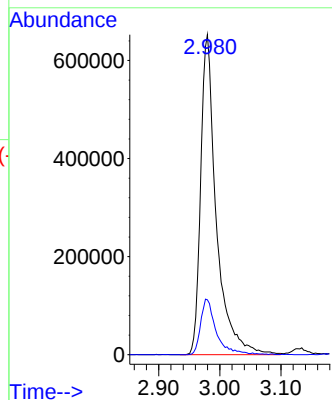
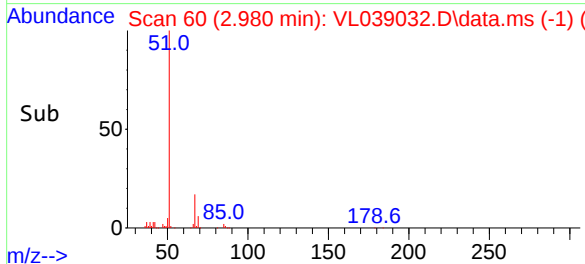
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1157804
Ion Ratio Lower Upper
51 100
67 17.5 15.8 23.8

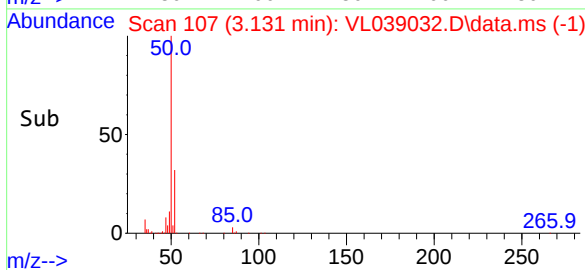
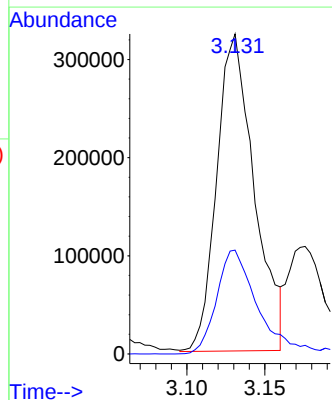
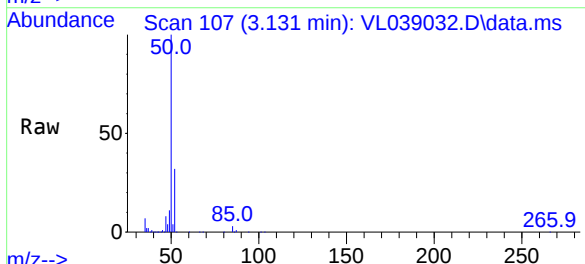
Manual Integrations
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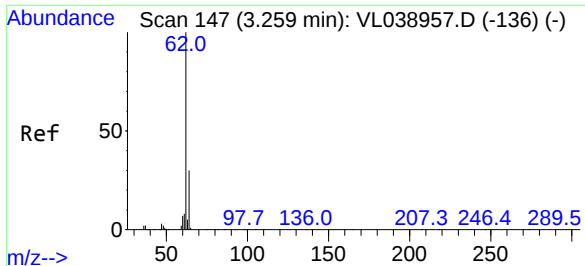
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#4
Chloromethane
Concen: 8.887 ppbv
RT: 3.131 min Scan# 107
Delta R.T. -0.013 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 50 Resp: 541796
Ion Ratio Lower Upper
50 100
52 32.8 27.3 40.9





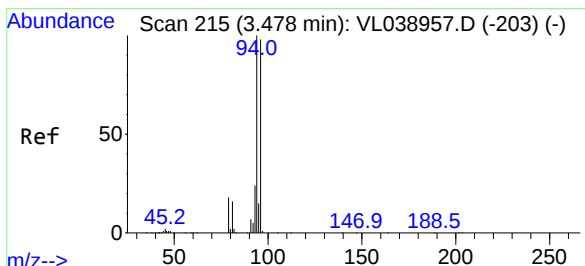
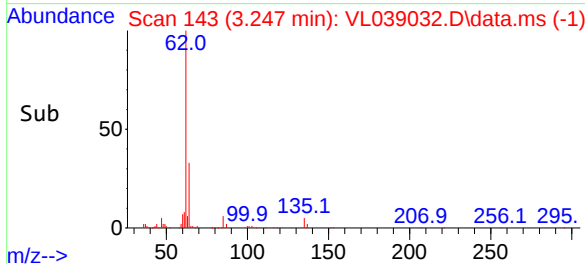
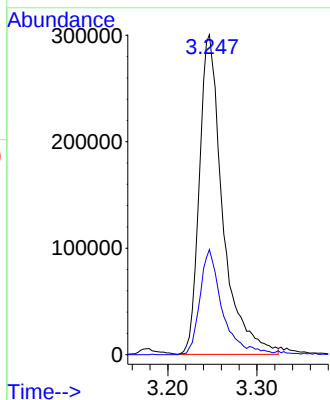
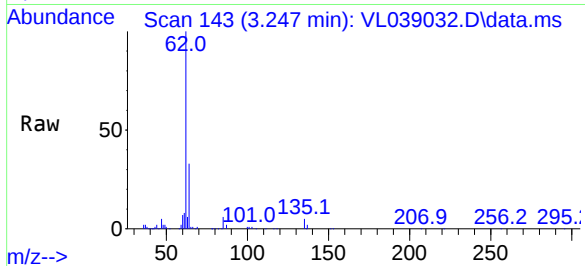
#5
 Vinyl Chloride
 Concen: 9.801 ppbv
 RT: 3.247 min Scan# 14
 Delta R.T. -0.013 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 54562
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 36.4

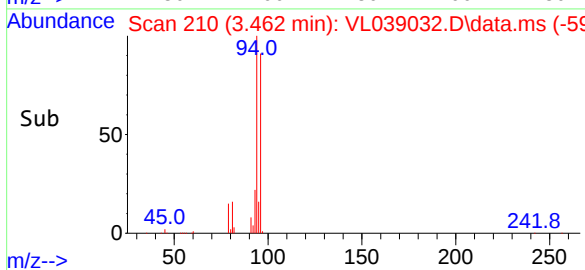
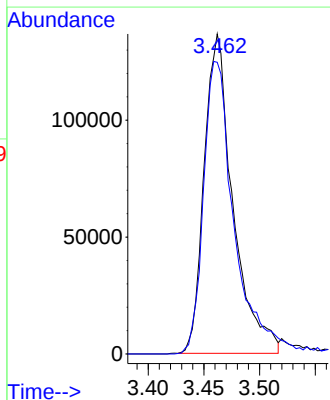
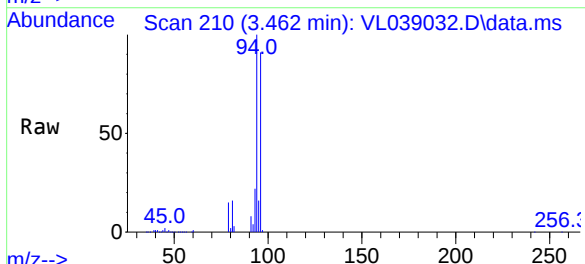
Manual Integrations
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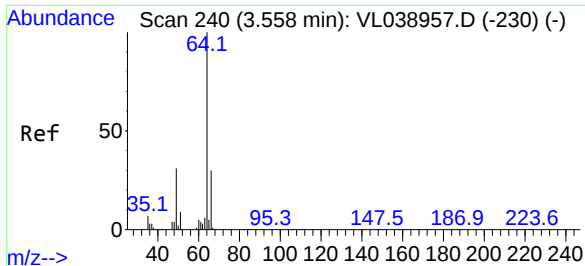
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#6
 Bromomethane
 Concen: 9.353 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.016 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

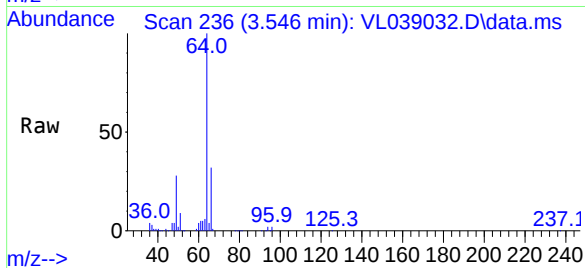
Tgt Ion: 94 Resp: 245962
 Ion Ratio Lower Upper
 94 100
 96 91.2 78.1 117.1





#7
Chloroethane
Concen: 9.554 ppbv
RT: 3.546 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

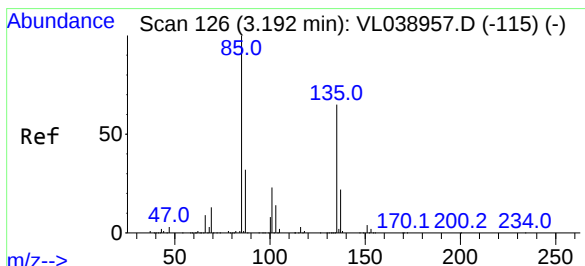
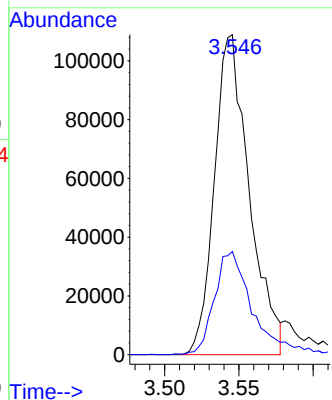
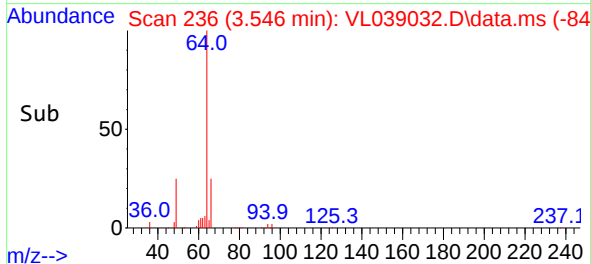
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



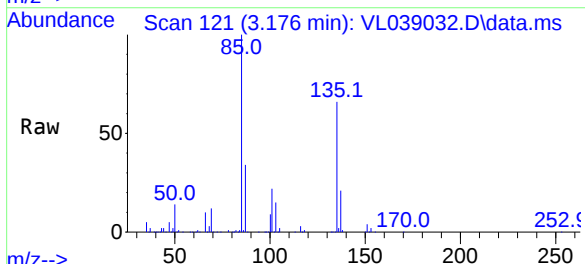
Tgt Ion: 64 Resp: 178019
Ion Ratio Lower Upper
64 100
66 32.2 23.8 35.8

Manual Integrations
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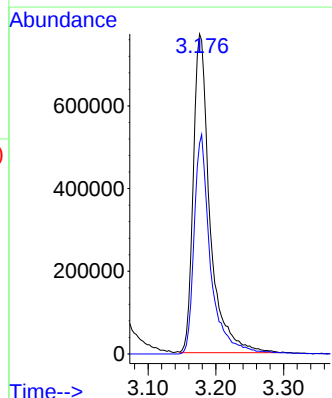
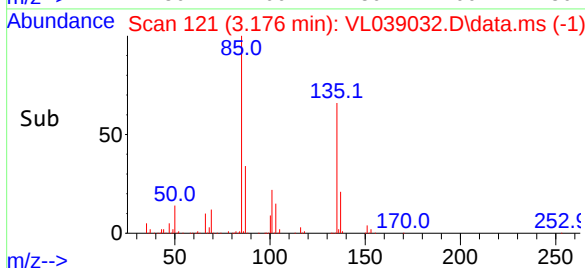
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

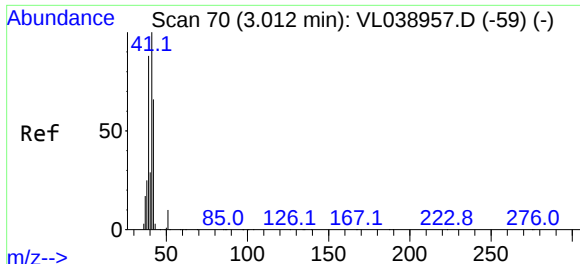


#8
Dichlorotetrafluoroethane
Concen: 9.459 ppbv
RT: 3.176 min Scan# 121
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



Tgt Ion: 85 Resp: 1317707
Ion Ratio Lower Upper
85 100
135 68.2 53.6 80.4





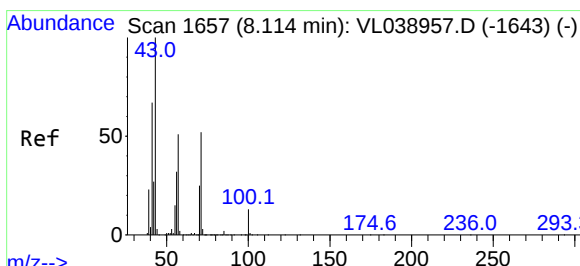
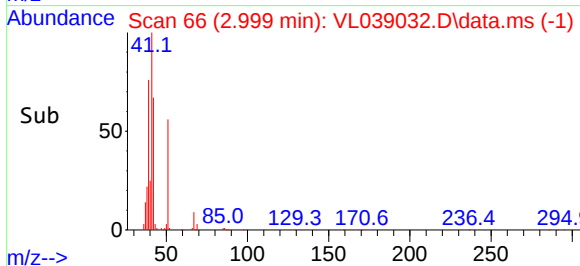
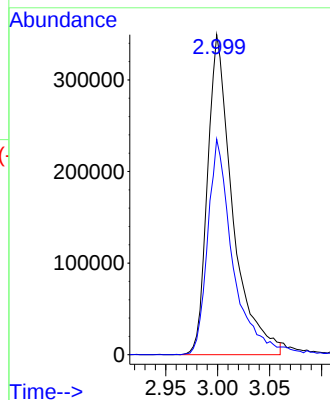
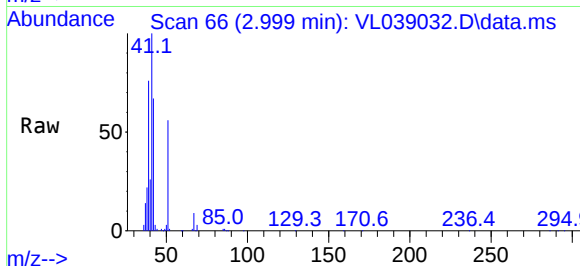
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 Propene
 Concen: 11.003 ppbv
 RT: 2.999 min Scan# 60
 Delta R.T. -0.013 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 584945
 Ion Ratio Lower Upper
 41 100
 42 68.9 58.3 87.5

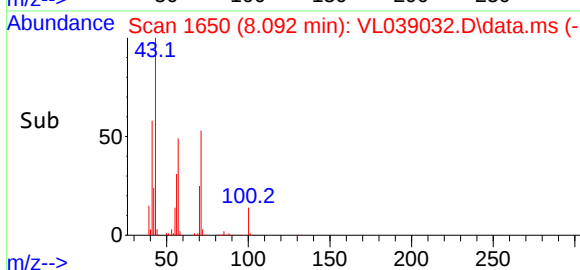
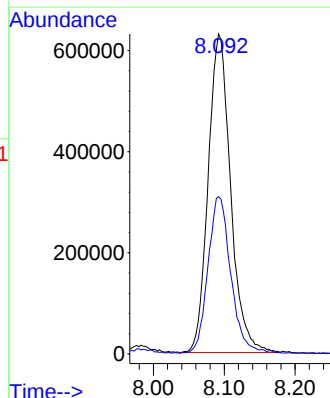
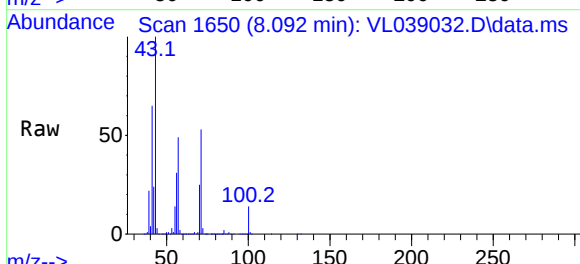
Manual Integrations
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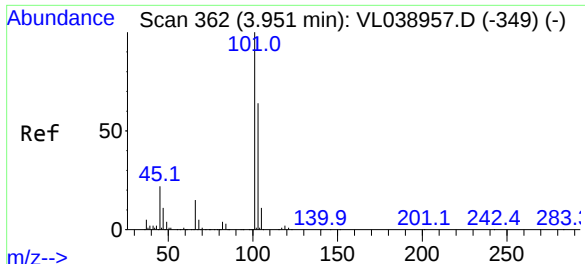
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#10
 Heptane
 Concen: 10.619 ppbv
 RT: 8.092 min Scan# 1650
 Delta R.T. -0.022 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

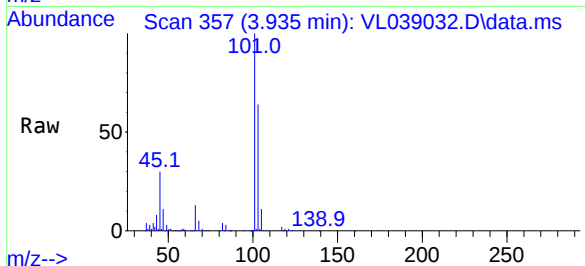
Tgt Ion: 43 Resp: 1384976
 Ion Ratio Lower Upper
 43 100
 57 50.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.024 ppbv
RT: 3.935 min Scan# 311
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

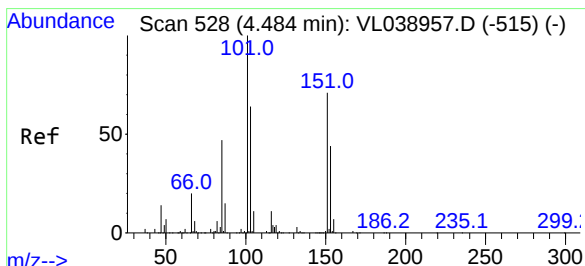
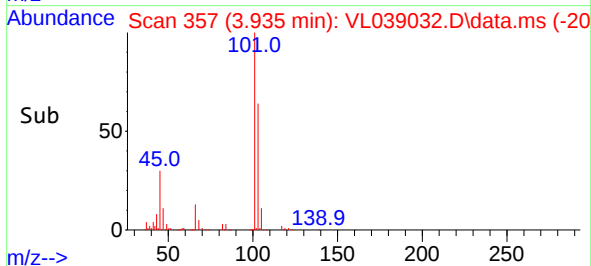
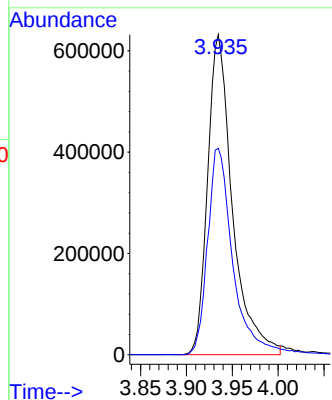
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 119016
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

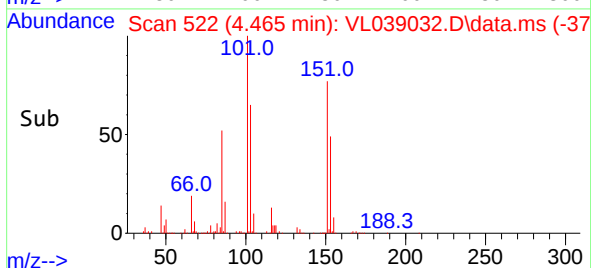
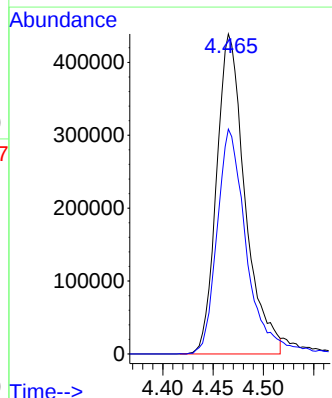
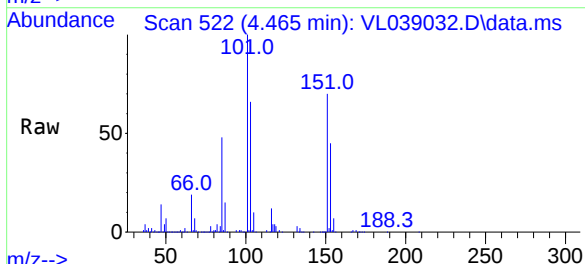
Manual Integrations
APPROVED

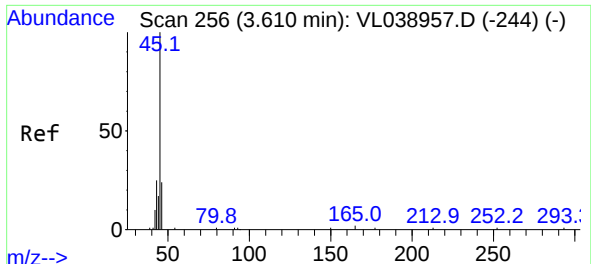
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.514 ppbv
RT: 4.465 min Scan# 522
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion:101 Resp: 864414
Ion Ratio Lower Upper
101 100
151 73.5 55.4 83.0





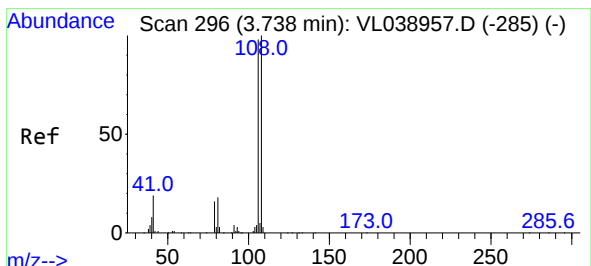
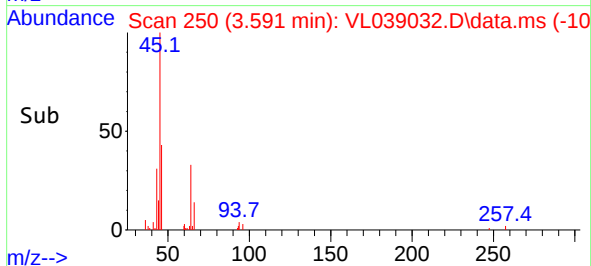
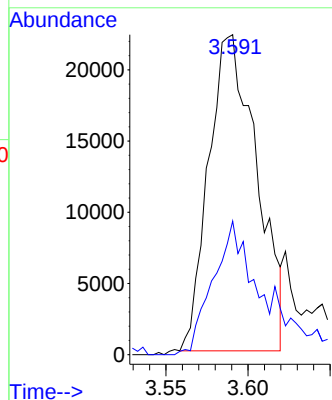
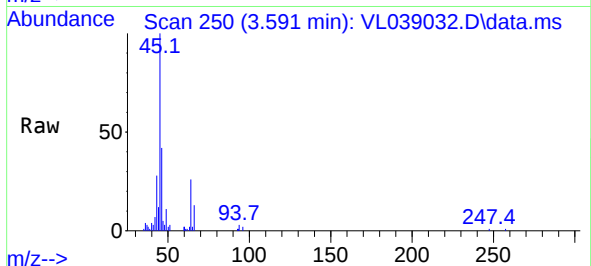
#13
Ethanol
Concen: 12.051 ppbv
RT: 3.591 min Scan# 210
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 45338
Ion Ratio Lower Upper
45 100
46 47.2 18.0 72.2

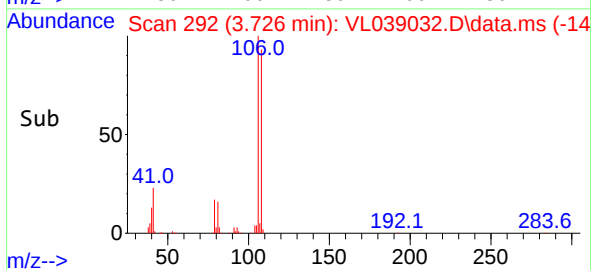
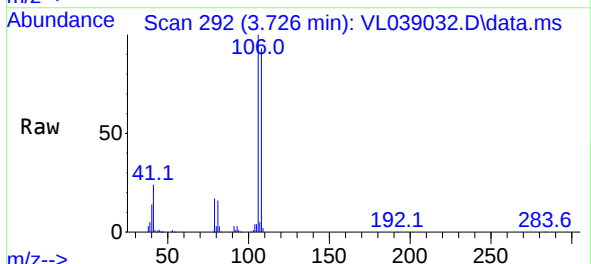
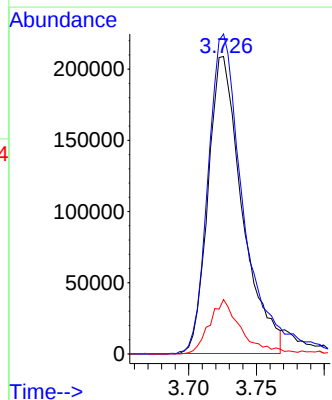
Manual Integrations
APPROVED

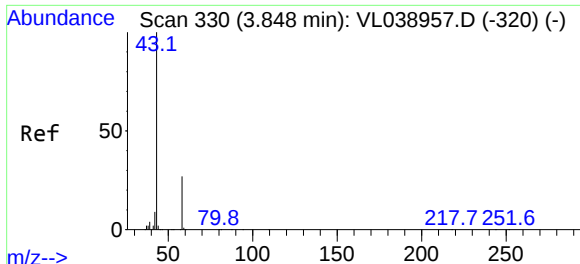
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#14
Bromoethene
Concen: 9.754 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.013 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion:108 Resp: 365431
Ion Ratio Lower Upper
108 100
106 115.7 90.3 135.5
79 18.0 14.9 22.3





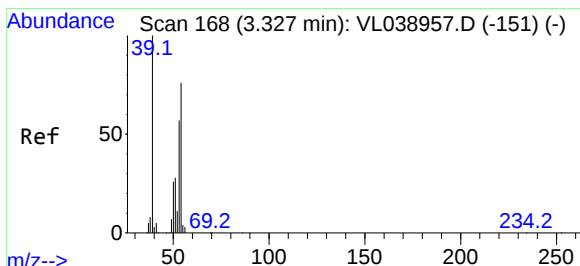
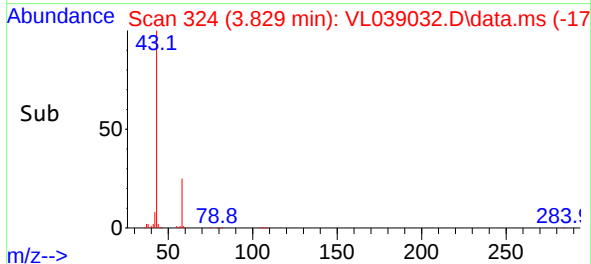
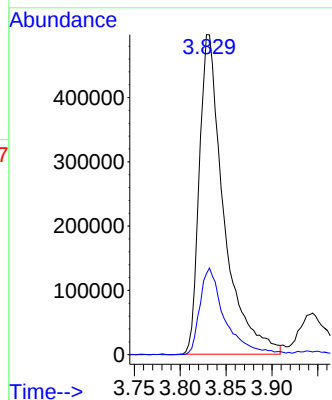
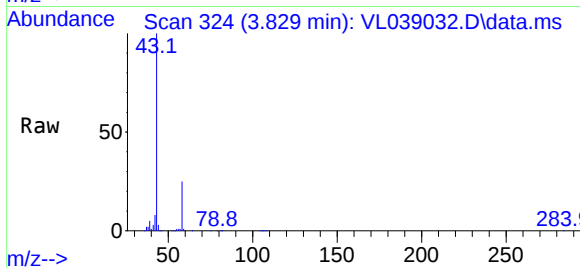
#15
Acetone
Concen: 9.986 ppbv
RT: 3.829 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 92418
Ion Ratio Lower Upper
43 100
58 27.8 21.3 31.9

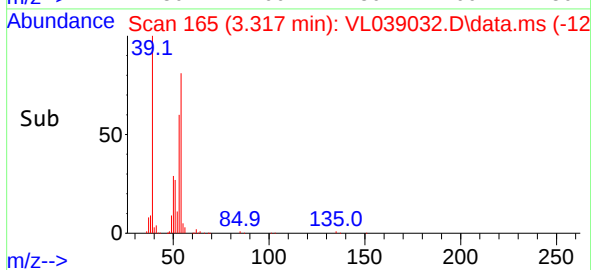
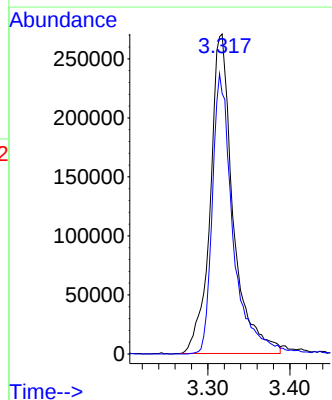
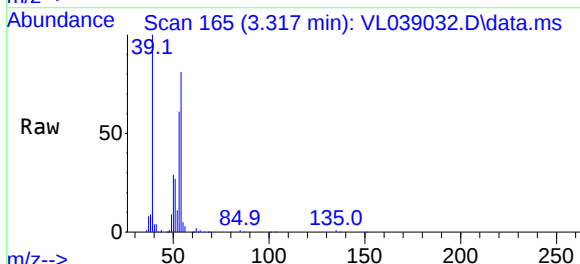
Manual Integrations
APPROVED

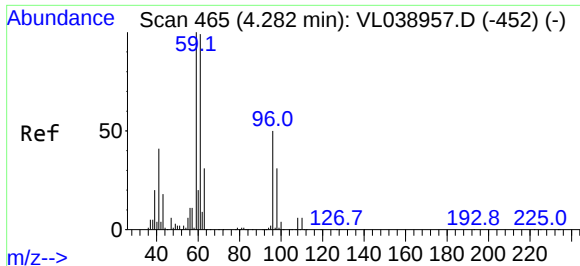
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#16
1,3-Butadiene
Concen: 9.897 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.010 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 39 Resp: 526231
Ion Ratio Lower Upper
39 100
54 80.2 65.2 97.8





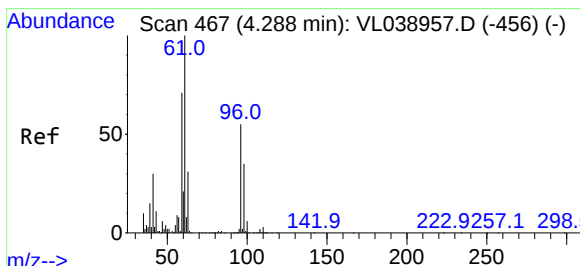
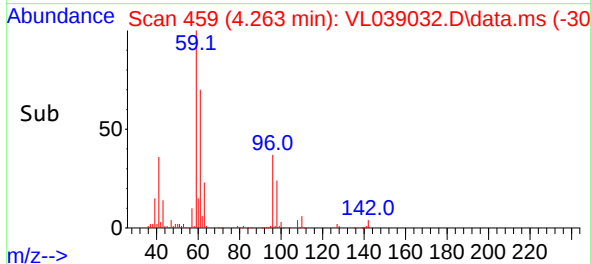
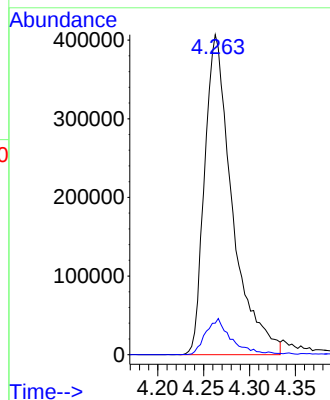
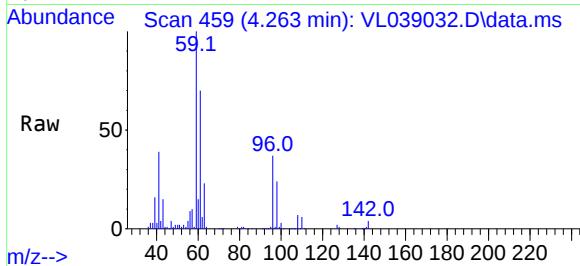
#17
tert-Butyl alcohol
Concen: 11.994 ppbv
RT: 4.263 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 853085
Ion Ratio Lower Upper
59 100
57 11.1 9.2 13.8

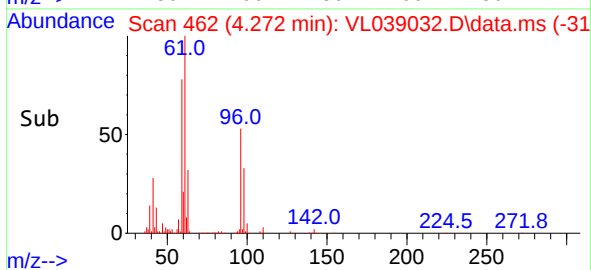
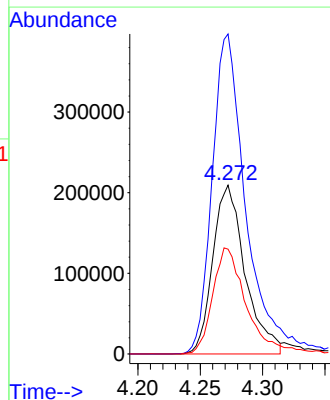
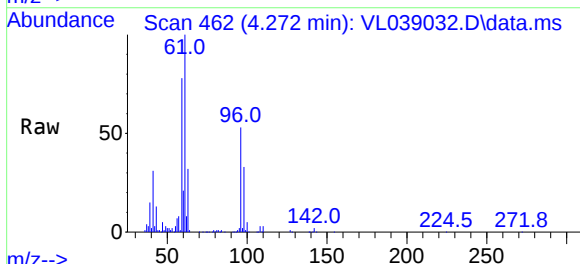
Manual Integrations
APPROVED

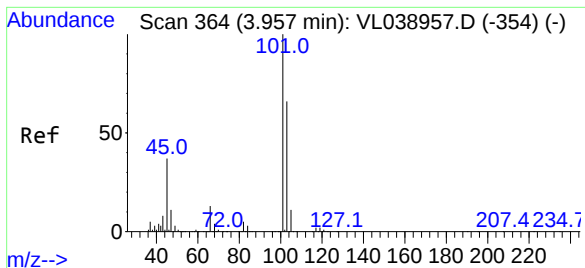
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
1,1-Dichloroethene
Concen: 9.671 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 96 Resp: 378169
Ion Ratio Lower Upper
96 100
61 189.4 146.3 219.5
98 62.1 50.6 75.8





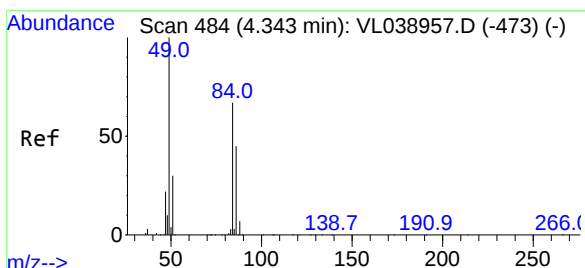
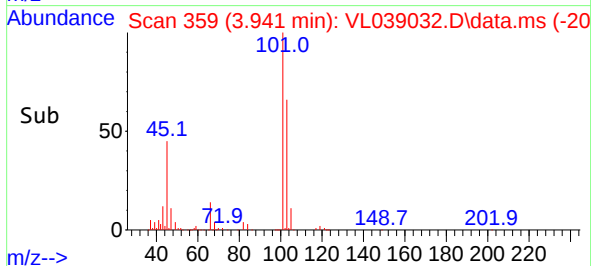
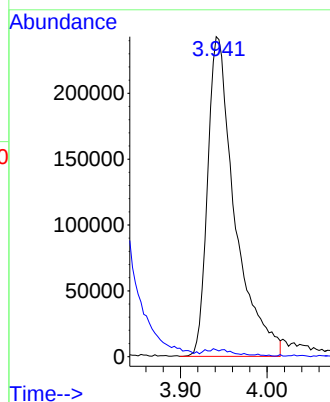
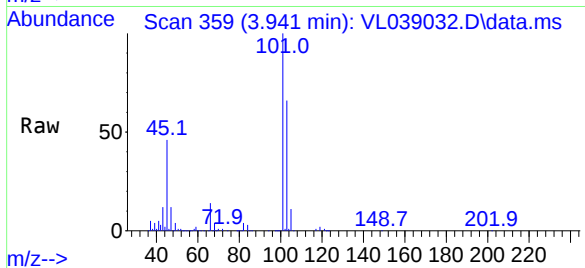
#19
Isopropyl Alcohol
Concen: 12.037 ppbv
RT: 3.941 min Scan# 30
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 529649
Ion Ratio Lower Upper
45 100
58 2.6 1.4 2.2

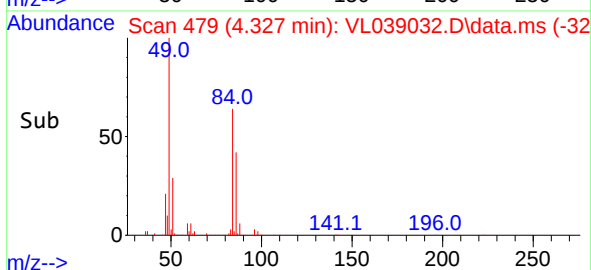
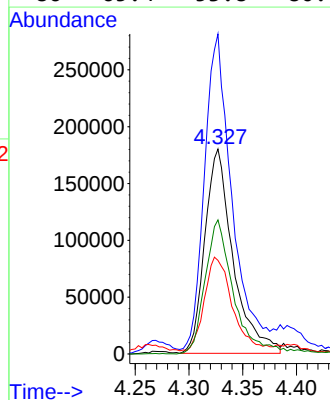
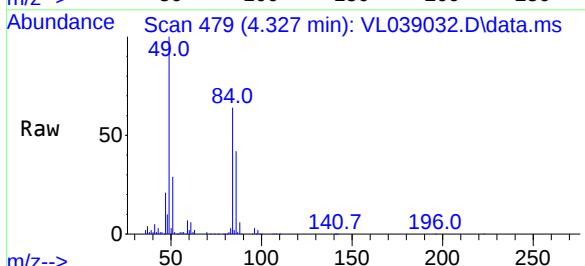
Manual Integrations
APPROVED

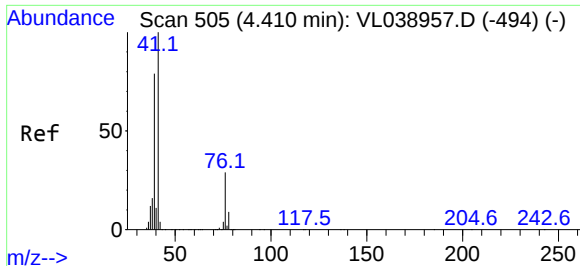
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 9.440 ppbv
RT: 4.327 min Scan# 479
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

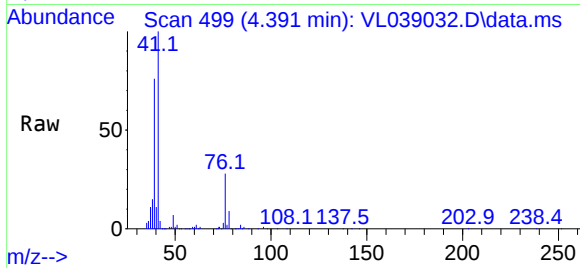
Tgt Ion: 84 Resp: 329267
Ion Ratio Lower Upper
84 100
49 154.4 119.9 179.9
51 44.2 35.7 53.5
86 65.4 53.8 80.6





#21
 Allyl Chloride
 Concen: 9.807 ppbv
 RT: 4.391 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

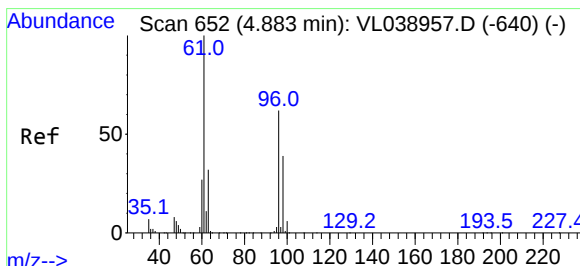
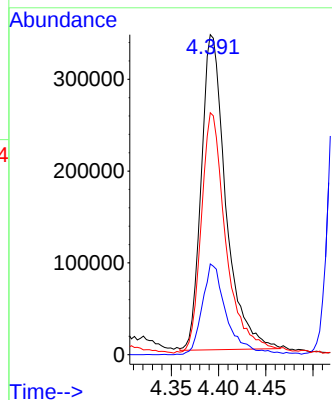
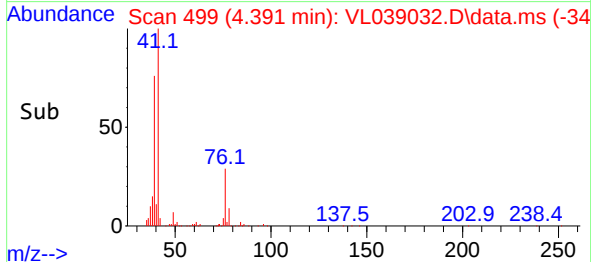
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



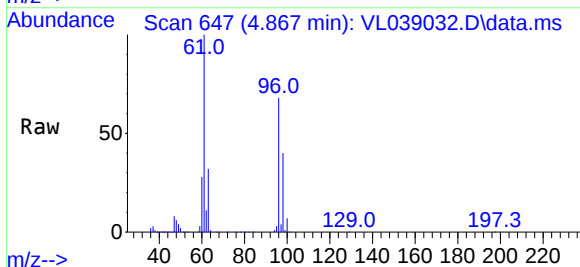
Tgt Ion: 41 Resp: 61847
 Ion Ratio Lower Upper
 41 100
 76 28.9 24.2 36.4
 39 78.8 63.8 95.8

Manual Integrations
 APPROVED

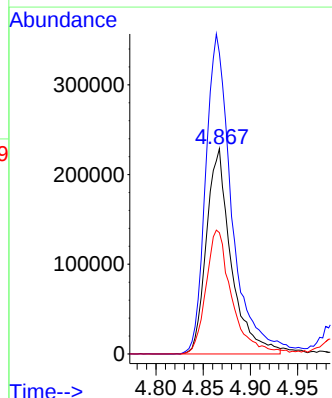
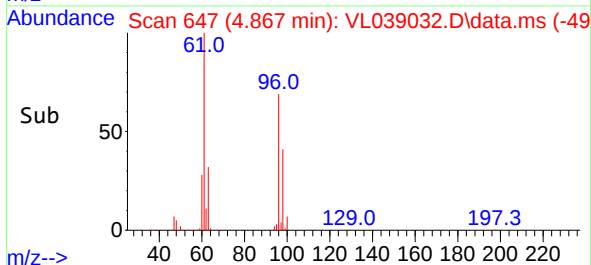
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

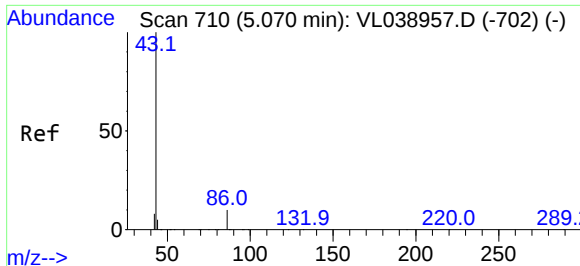


#22
 trans-1,2-Dichloroethene
 Concen: 9.891 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.016 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00



Tgt Ion: 96 Resp: 417760
 Ion Ratio Lower Upper
 96 100
 61 146.5 128.2 192.2
 98 59.1 50.1 75.1





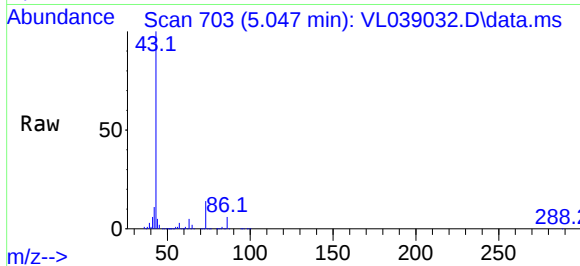
#23
 Vinyl Acetate
 Concen: 8.608 ppbv
 RT: 5.047 min Scan# 703
 Delta R.T. -0.022 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

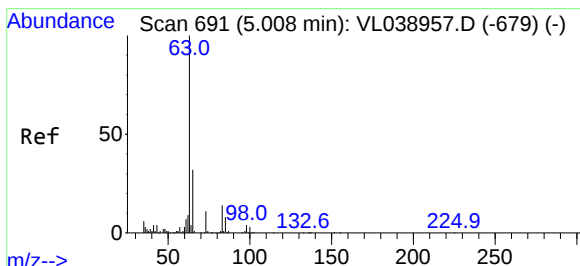
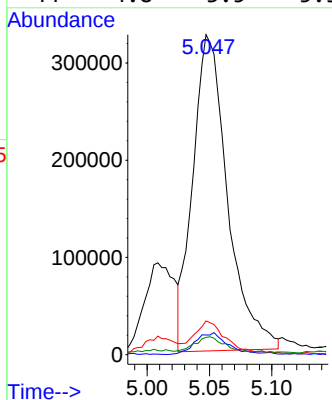
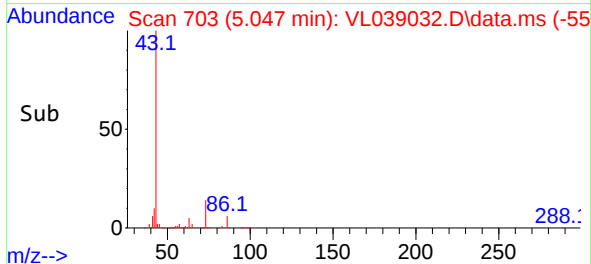


Tgt Ion:	43	Resp:	630307
Ion	Ratio	Lower	Upper
43	100		
86	6.3	6.6	9.8
42	10.3	8.1	12.1
44	4.8	3.5	5.3

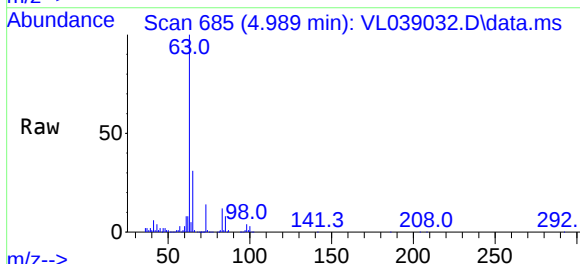
Manual Integrations

APPROVED

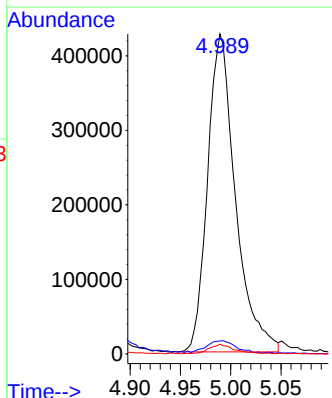
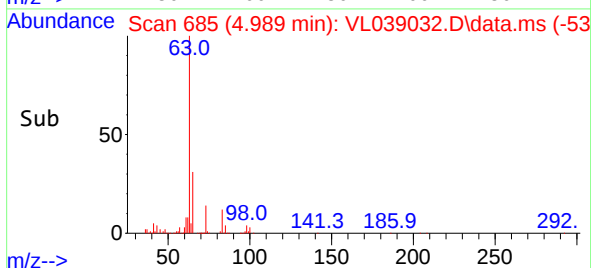
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

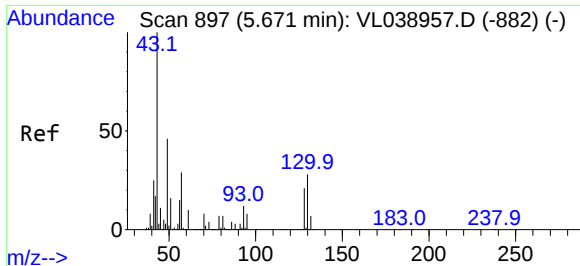


#24
 1,1-Dichloroethane
 Concen: 9.751 ppbv
 RT: 4.989 min Scan# 685
 Delta R.T. -0.019 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00



Tgt Ion:	63	Resp:	822195
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.1	6.2
100	3.0	1.4	4.2





#25
Ethyl Acetate
Concen: 11.513 ppbv
RT: 5.648 min Scan# 891
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

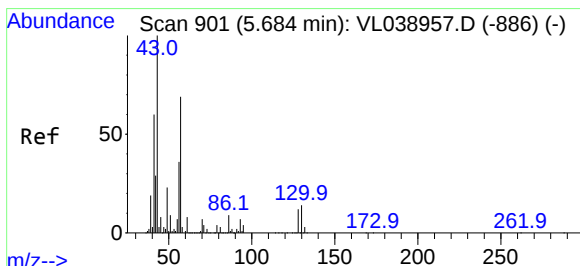
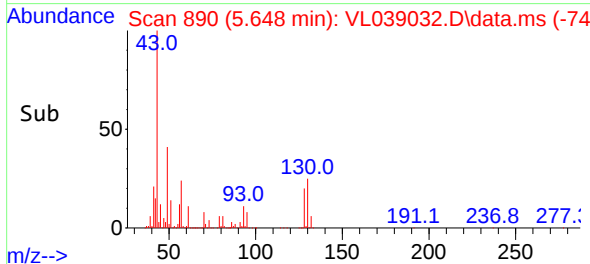
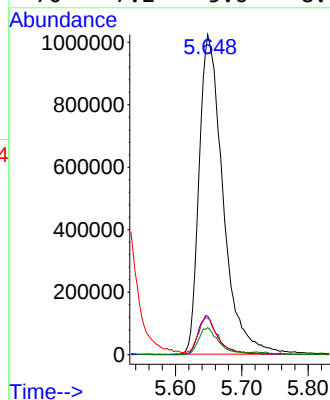
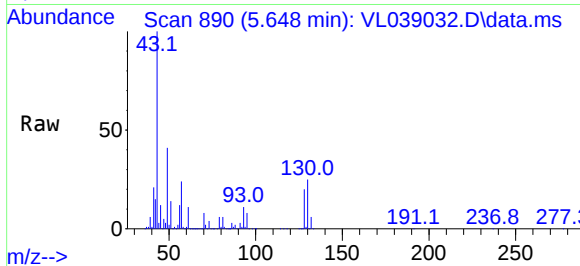
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 255022

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	9.5	7.8	11.6
70	7.2	5.6	8.4

Manual Integrations
APPROVED

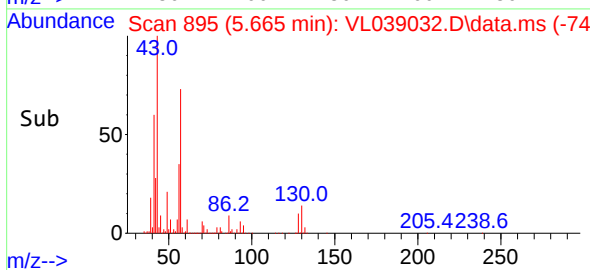
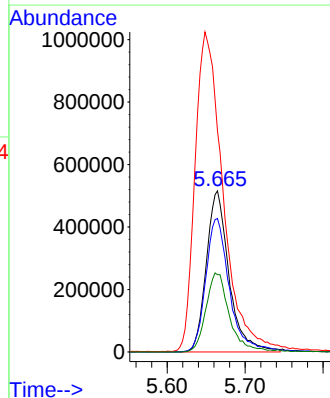
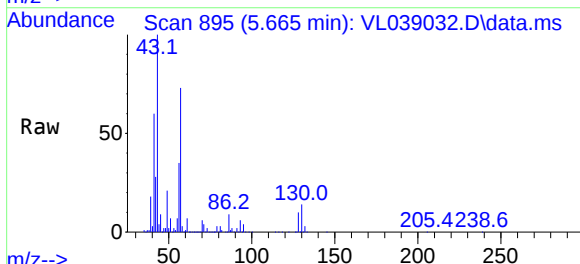
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

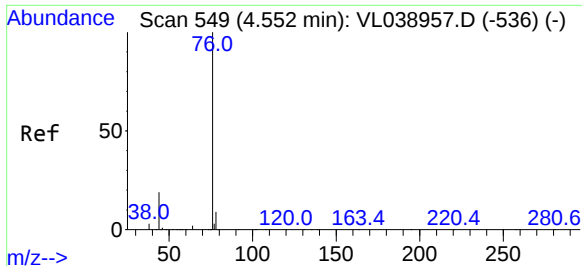


#26
Hexane
Concen: 10.631 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 57 Resp: 1046305

Ion	Ratio	Lower	Upper
57	100		
41	87.1	75.2	112.8
43	246.7	190.8	286.2
56	50.8	43.0	64.6





#27

Carbon Disulfide

Concen: 10.275 ppbv

RT: 4.533 min Scan# 541

Delta R.T. -0.019 min

Lab File: VL039032.D

Acq: 12 May 2022 9:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

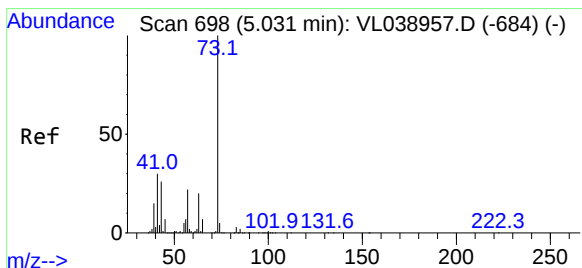
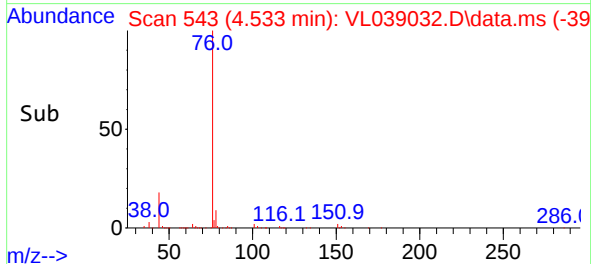
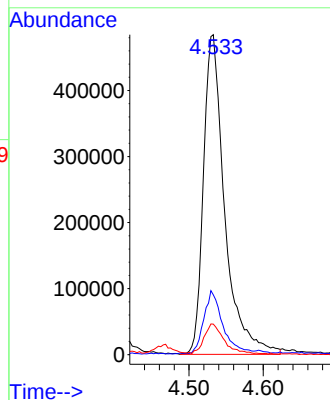
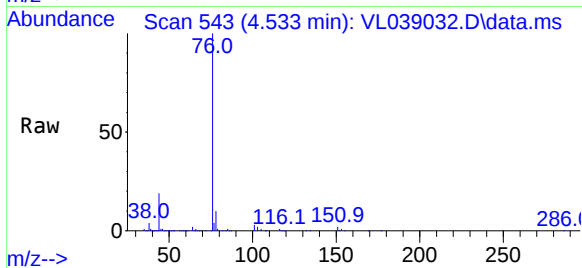
Tgt Ion: 76 Resp: 960654

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 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#28

Methyl tert-Butyl Ether

Concen: 10.479 ppbv

RT: 5.009 min Scan# 691

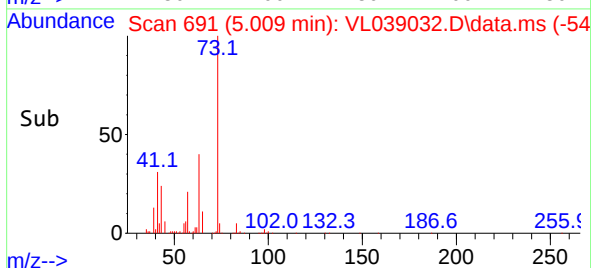
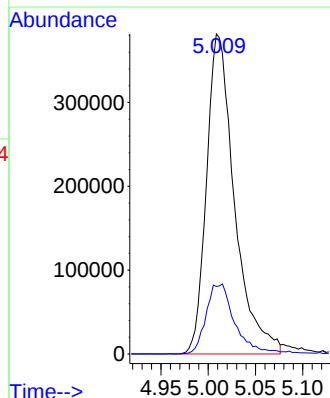
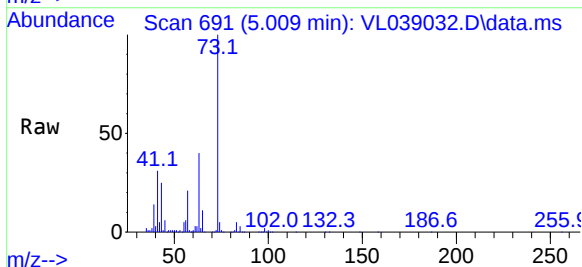
Delta R.T. -0.022 min

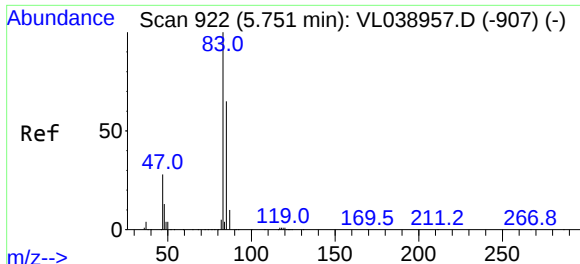
Lab File: VL039032.D

Acq: 12 May 2022 9:00

Tgt Ion: 73 Resp: 784630

Ion	Ratio	Lower	Upper
73	100		
57	22.9	18.8	28.2





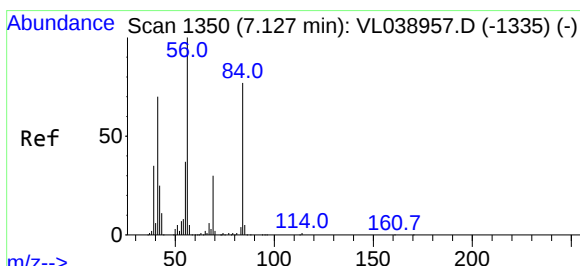
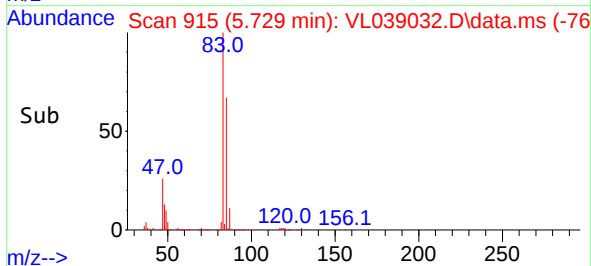
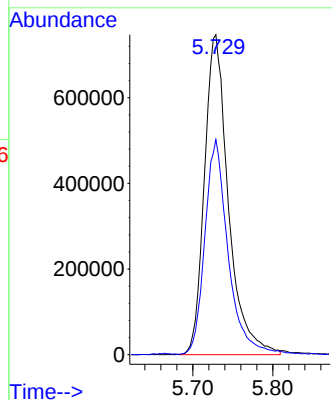
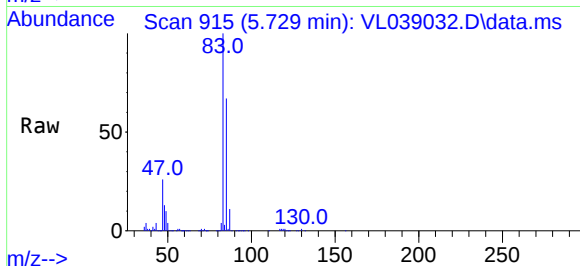
#29
Chloroform
Concen: 9.783 ppbv
RT: 5.729 min Scan# 915
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 155777
Ion Ratio Lower Upper
83 100
85 67.1 51.8 77.6

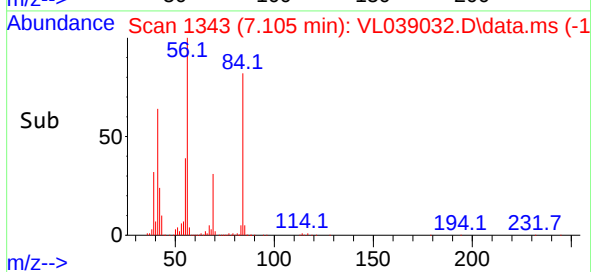
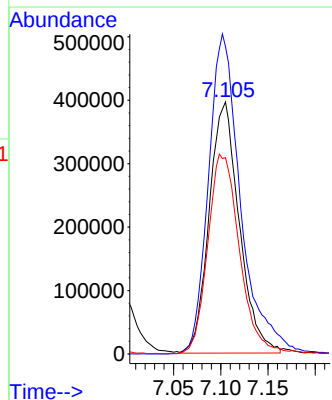
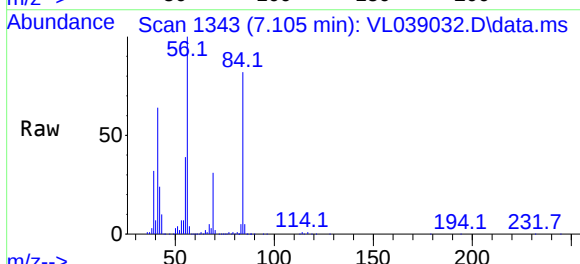
Manual Integrations
APPROVED

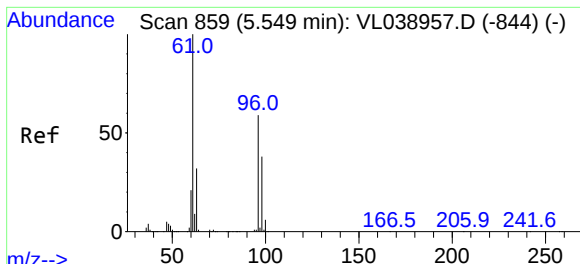
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#30
Cyclohexane
Concen: 10.640 ppbv
RT: 7.105 min Scan# 1343
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

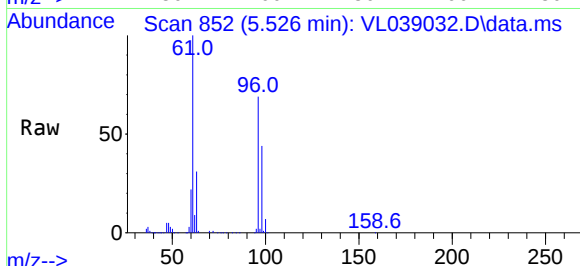
Tgt Ion: 84 Resp: 876726
Ion Ratio Lower Upper
84 100
56 137.4 115.3 172.9
41 83.9 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 9.689 ppbv
 RT: 5.526 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

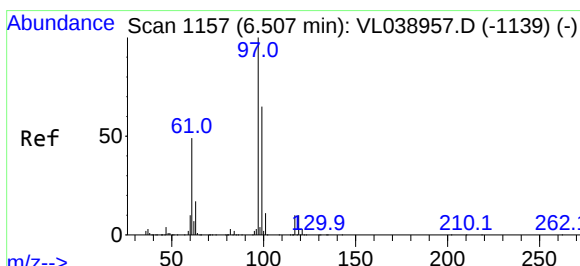
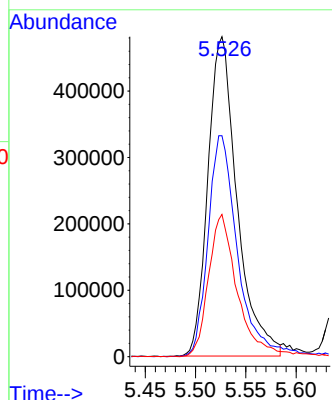
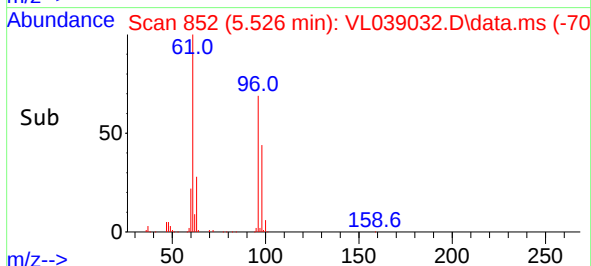
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



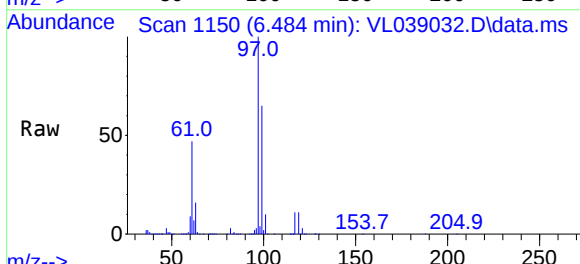
Tgt Ion: 61 Resp: 97150
 Ion Ratio Lower Upper
 61 100
 96 69.1 47.4 71.0
 98 44.6 30.6 45.8

Manual Integrations
 APPROVED

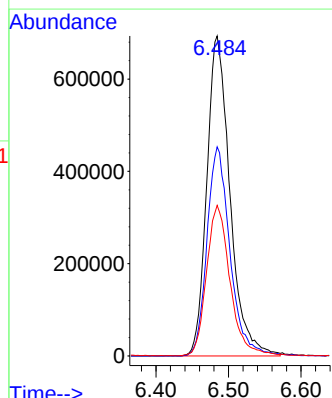
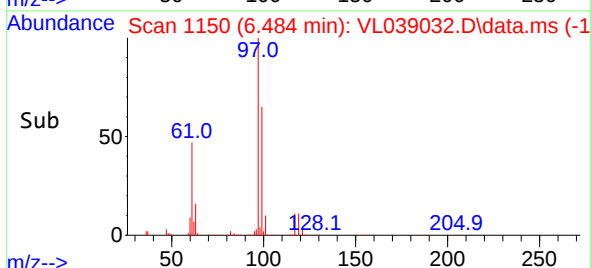
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

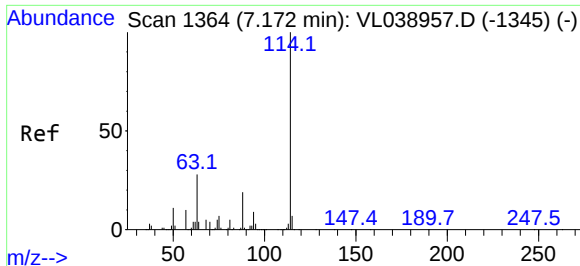


#32
 1,1,1-Trichloroethane
 Concen: 9.677 ppbv
 RT: 6.484 min Scan# 1150
 Delta R.T. -0.022 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00



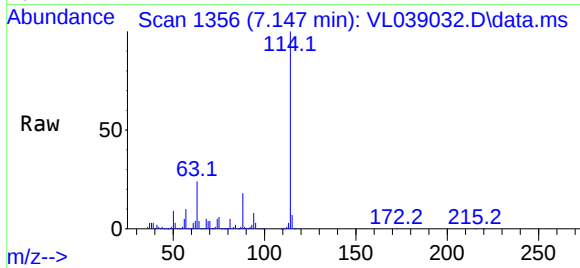
Tgt Ion: 97 Resp: 1540654
 Ion Ratio Lower Upper
 97 100
 99 65.2 51.9 77.9
 61 47.8 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.147 min Scan# 114
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

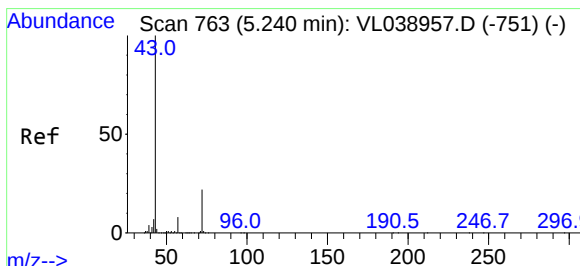
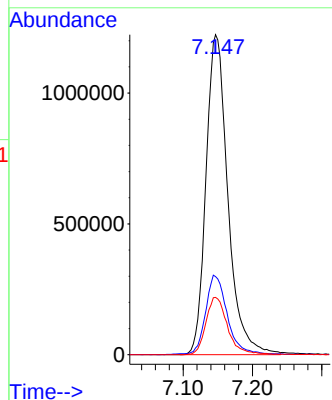
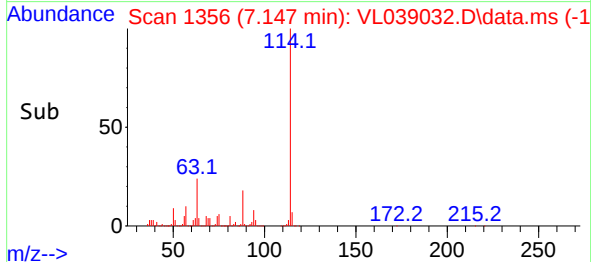
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 268458
Ion Ratio Lower Upper
114 100
63 25.0 22.6 33.8
88 17.8 15.4 23.0

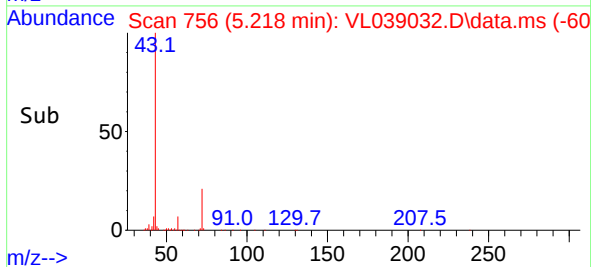
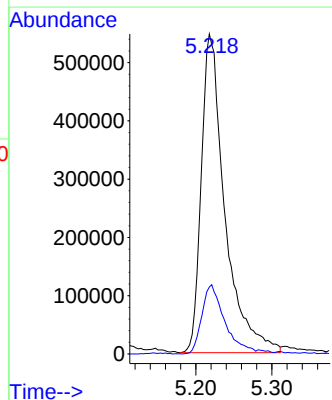
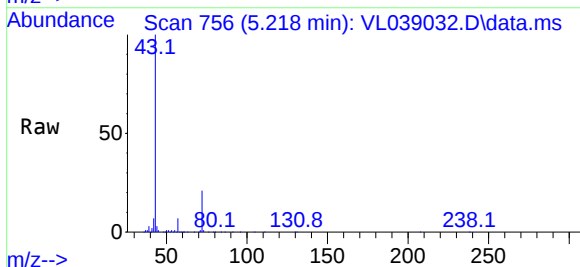
Manual Integrations
APPROVED

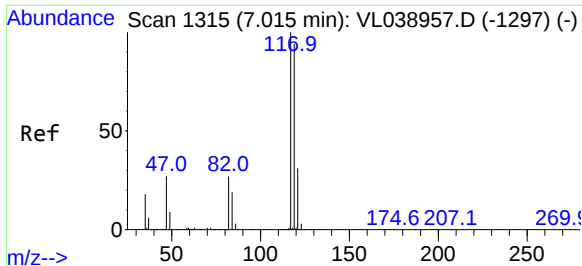
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#34
2-Butanone
Concen: 8.591 ppbv
RT: 5.218 min Scan# 756
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

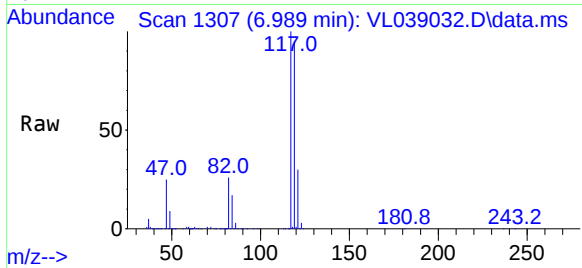
Tgt Ion: 43 Resp: 1176595
Ion Ratio Lower Upper
43 100
72 22.0 17.8 26.6





#35
Carbon Tetrachloride
Concen: 8.772 ppbv
RT: 6.989 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

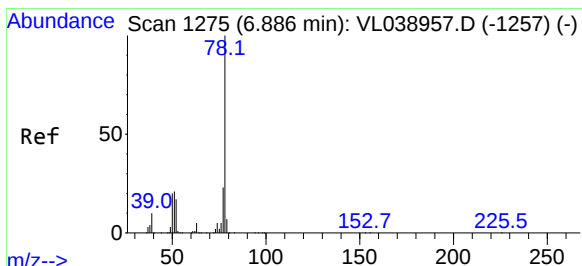
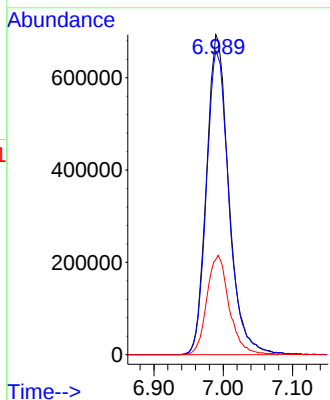
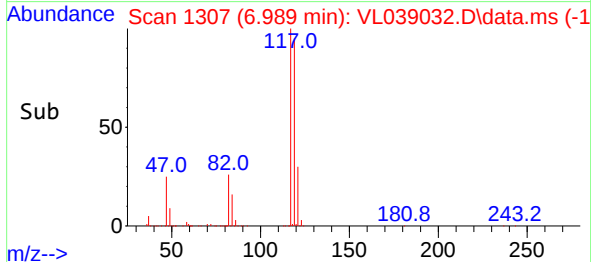
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



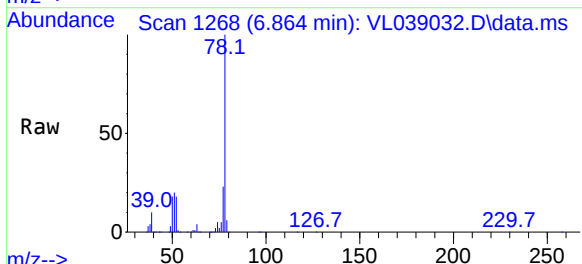
Tgt Ion: 117 Resp: 155173
Ion Ratio Lower Upper
117 100
119 95.0 75.2 112.8
121 29.8 24.6 37.0

Manual Integrations
APPROVED

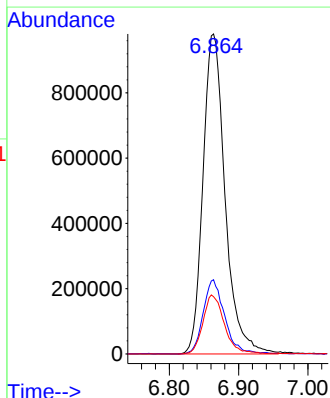
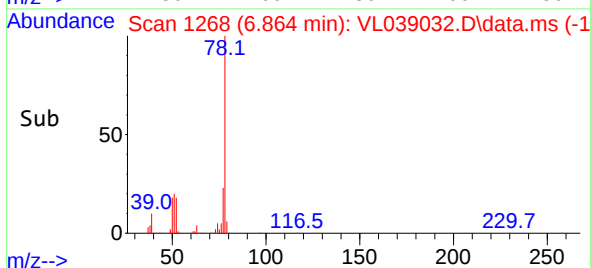
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

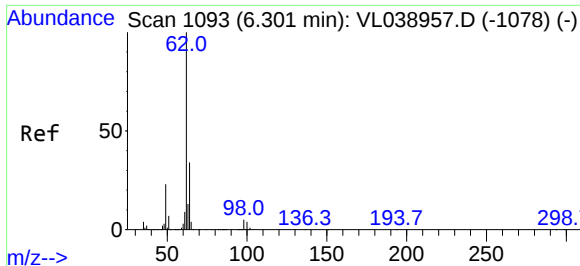


#36
Benzene
Concen: 9.447 ppbv
RT: 6.864 min Scan# 1268
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



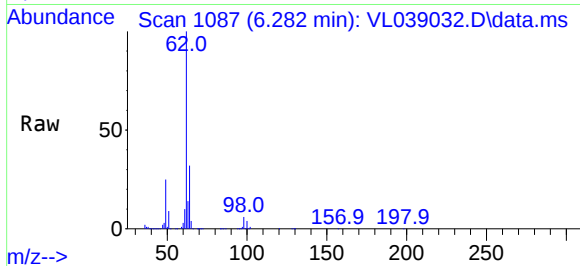
Tgt Ion: 78 Resp: 2170347
Ion Ratio Lower Upper
78 100
77 23.2 18.6 28.0
50 17.9 15.6 23.4





#37
1,2-Dichloroethane
Concen: 8.046 ppbv
RT: 6.282 min Scan# 1093
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

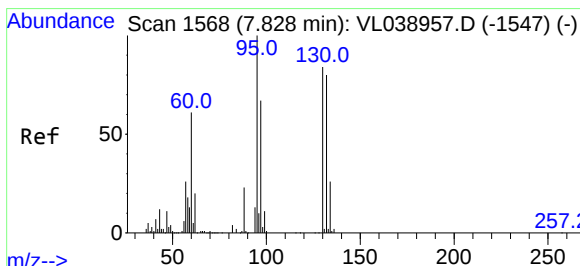
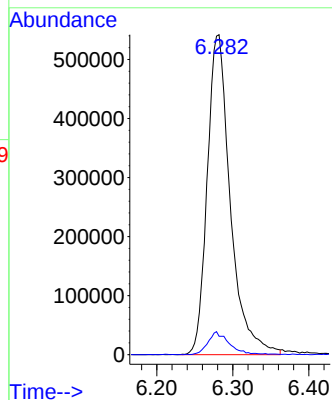
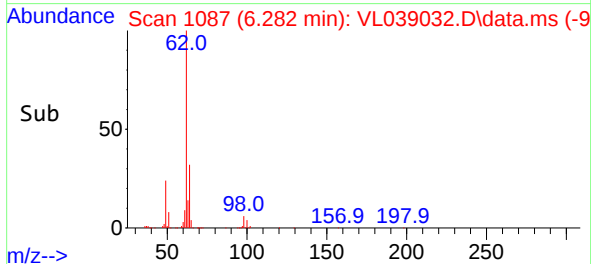
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



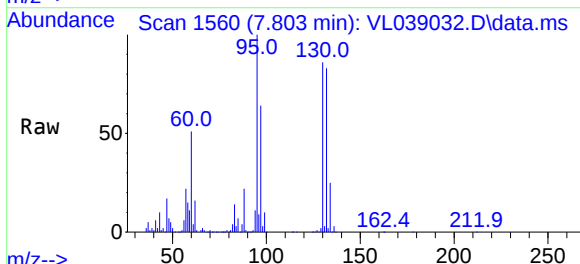
Tgt Ion: 62 Resp: 1143674
Ion Ratio Lower Upper
62 100
98 6.8 4.5 6.7

Manual Integrations
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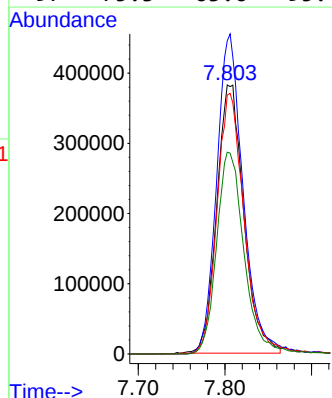
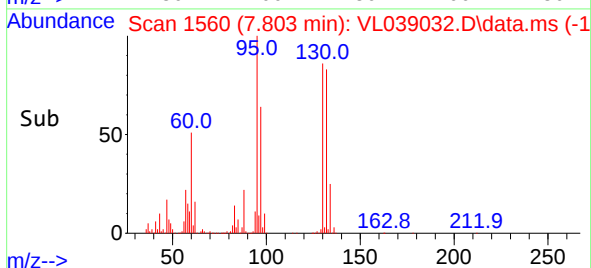
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

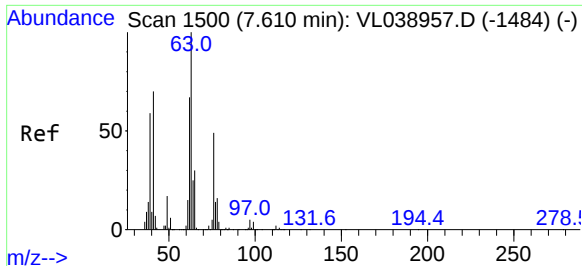


#38
Trichloroethene
Concen: 8.105 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



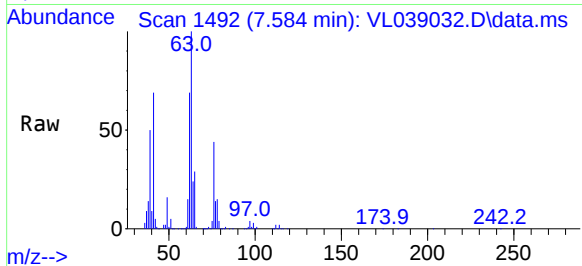
Tgt Ion:130 Resp: 827807
Ion Ratio Lower Upper
130 100
95 116.7 94.8 142.2
132 96.5 75.8 113.8
97 75.3 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.292 ppbv
RT: 7.584 min Scan# 1492
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

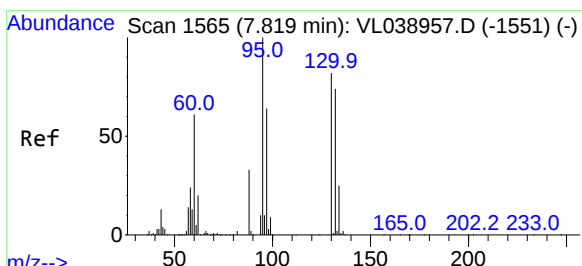
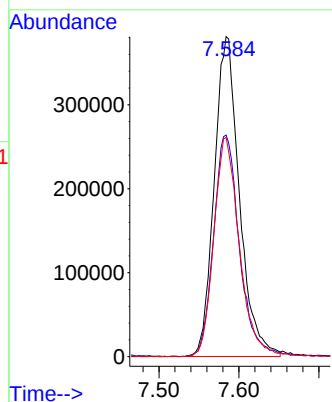
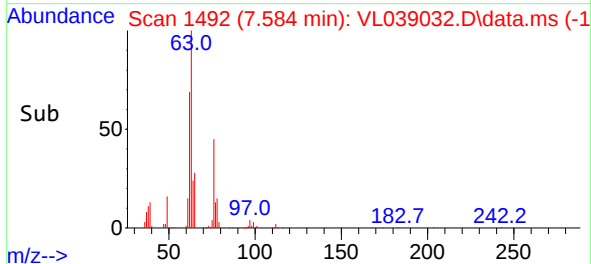
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 830638
Ion Ratio Lower Upper
63 100
41 69.3 55.9 83.9
62 68.5 53.8 80.6

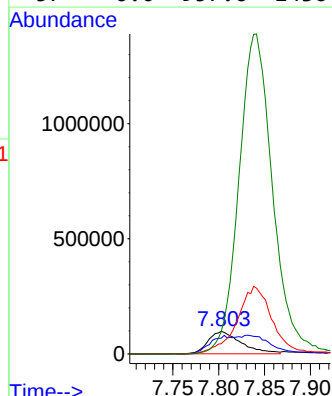
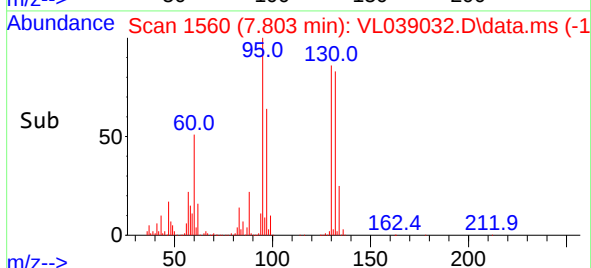
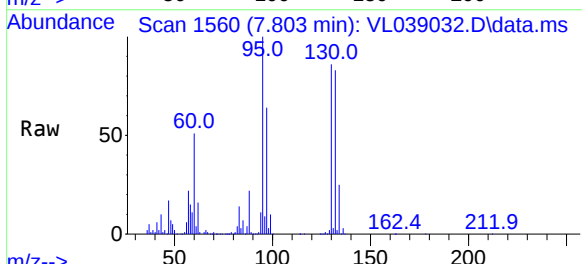
Manual Integrations
APPROVED

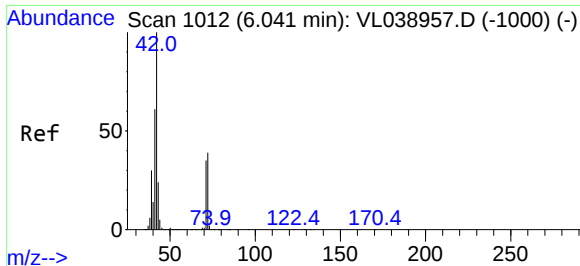
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#40
1,4-Dioxane
Concen: 7.588 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 88 Resp: 243636
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





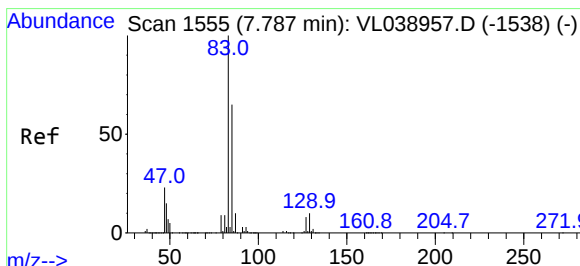
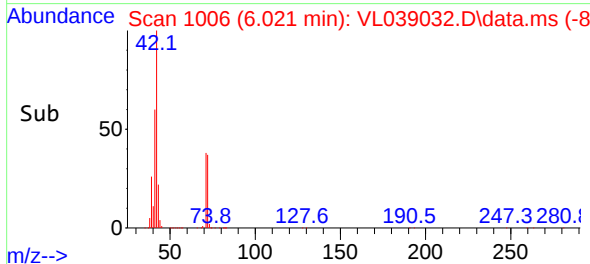
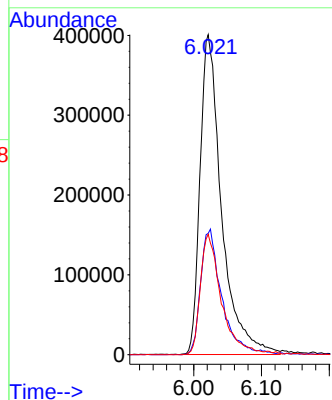
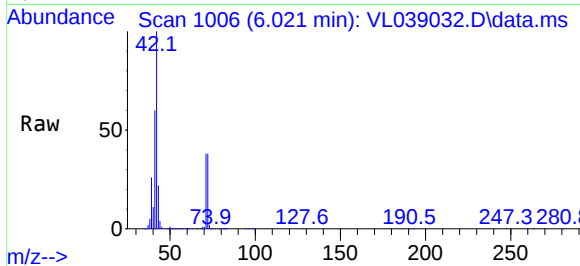
#41
Tetrahydrofuran
Concen: 9.599 ppbv
RT: 6.021 min Scan# 1012
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 42 Resp: 883600
Ion Ratio Lower Upper
42 100
72 39.0 31.8 47.6
71 37.5 30.6 45.8

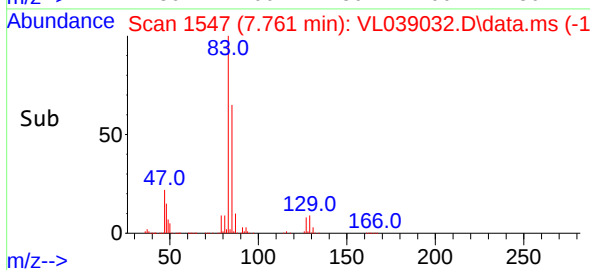
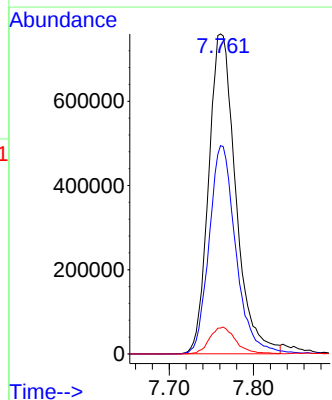
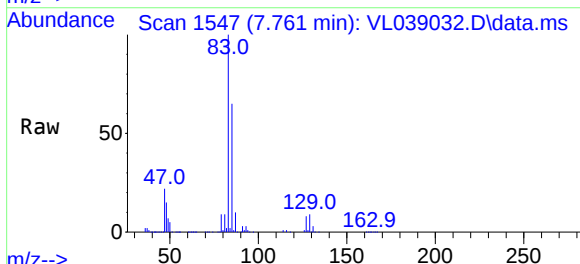
Manual Integrations
APPROVED

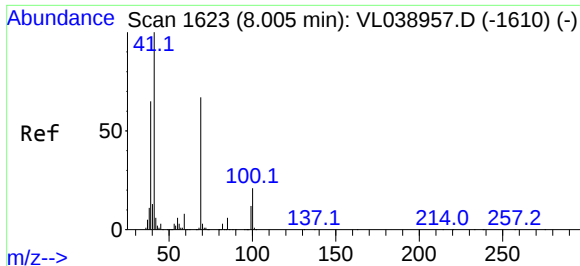
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
Bromodichloromethane
Concen: 8.729 ppbv
RT: 7.761 min Scan# 1547
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 83 Resp: 1696422
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 8.1 6.0 9.0





#43
Methyl Methacrylate
Concen: 9.848 ppbv
RT: 7.986 min Scan# 10
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :

MSVOA_L

ClientSampleId :

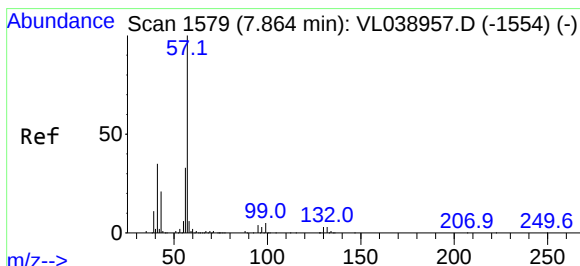
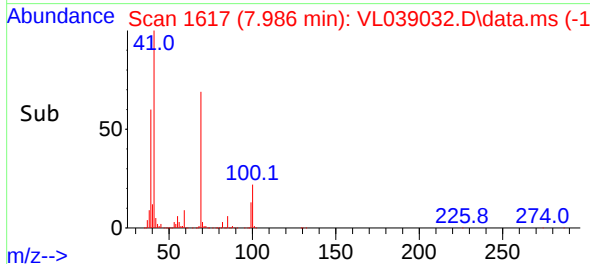
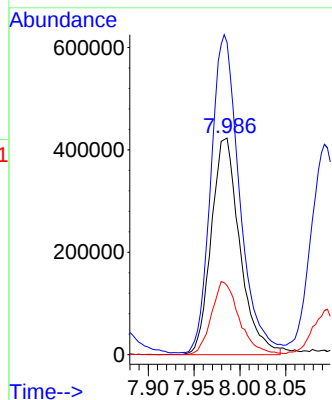
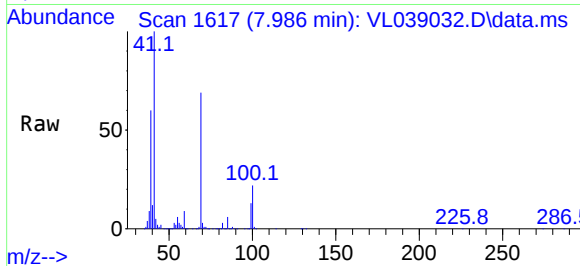
VSTDCCC010EC

Tgt Ion: 69 Resp: 918489
Ion Ratio Lower Upper
69 100
41 148.6 121.9 182.9
100 32.8 24.6 36.8

Manual Integrations

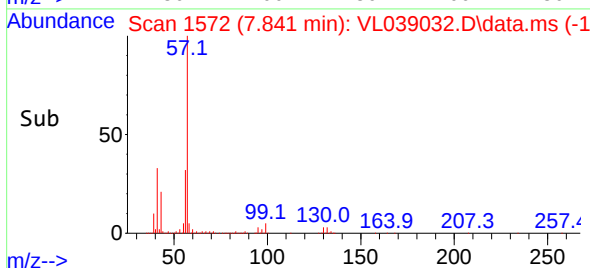
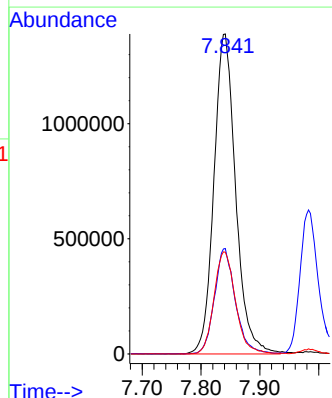
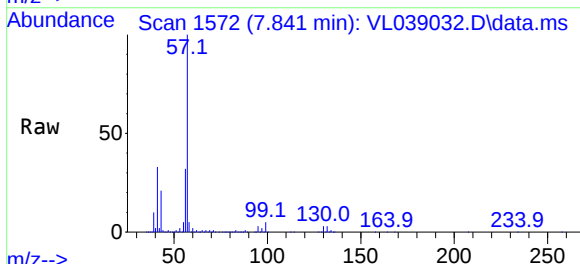
APPROVED

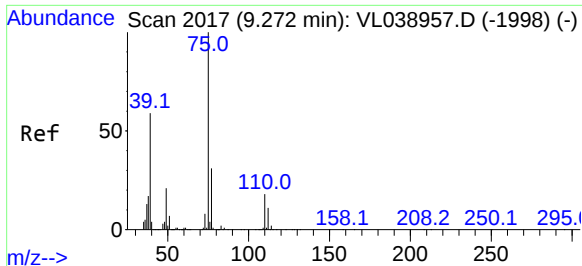
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
2,2,4-Trimethylpentane
Concen: 8.858 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 57 Resp: 3571101
Ion Ratio Lower Upper
57 100
41 31.4 26.3 39.5
56 31.6 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 7.619 ppbv
RT: 9.243 min Scan# 2017
Delta R.T. -0.029 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :

MSVOA_L

ClientSampleId :

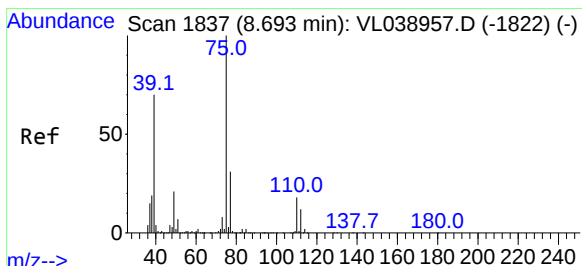
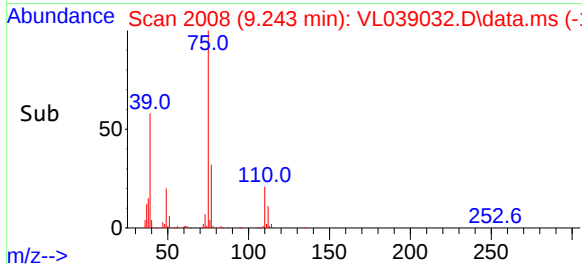
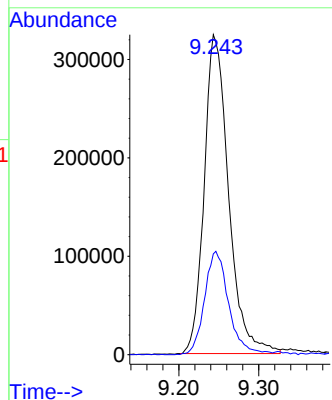
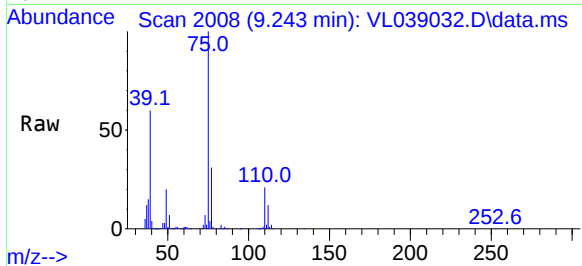
VSTDCCC010EC

Tgt Ion: 75 Resp: 68786
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0

Manual Integrations

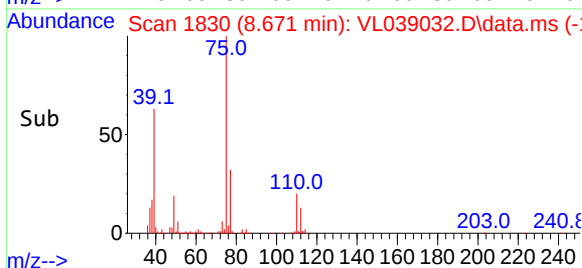
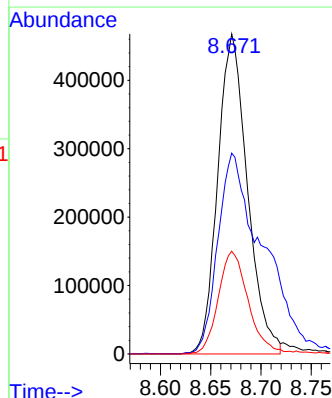
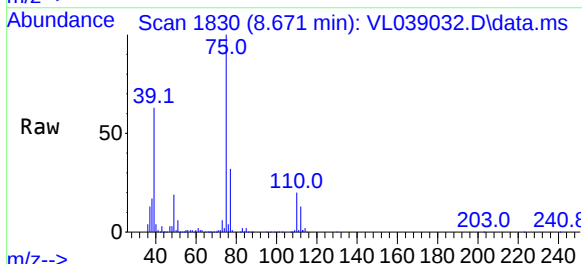
APPROVED

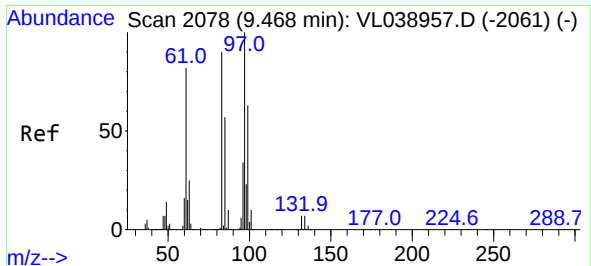
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#46
cis-1,3-Dichloropropene
Concen: 8.026 ppbv
RT: 8.671 min Scan# 1830
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 75 Resp: 960968
Ion Ratio Lower Upper
75 100
39 62.6 55.8 83.6
77 32.1 24.8 37.2





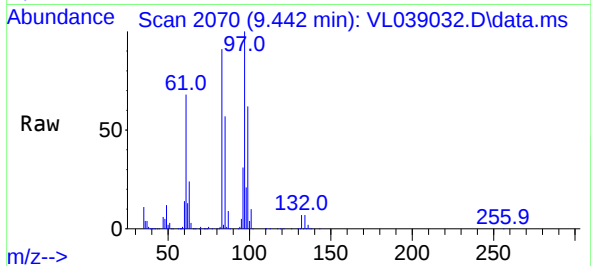
#47
1,1,2-Trichloroethane
Concen: 9.459 ppbv
RT: 9.442 min Scan# 2078
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

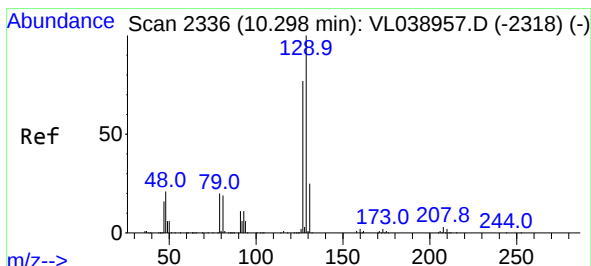
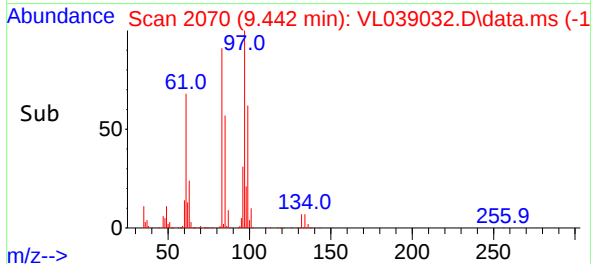
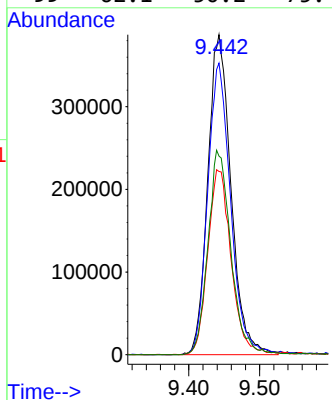


Tgt Ion: 97 Resp: 879375
Ion Ratio Lower Upper
97 100
83 91.0 72.0 108.0
85 57.2 45.7 68.5
99 62.1 50.2 75.4

Manual Integrations

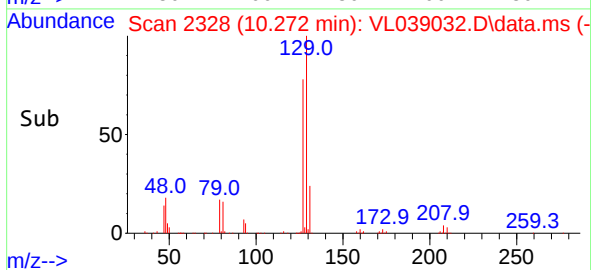
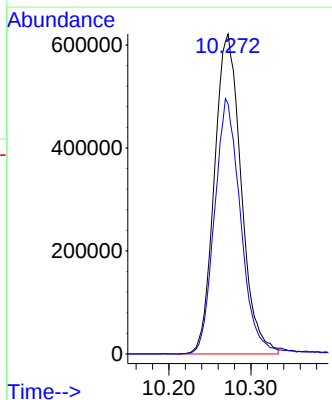
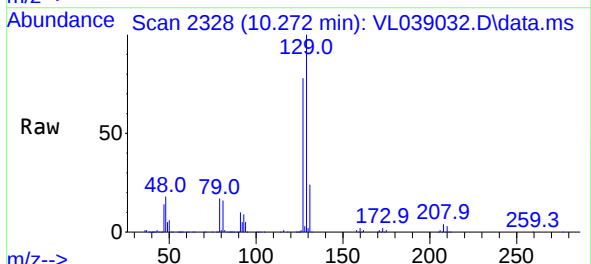
APPROVED

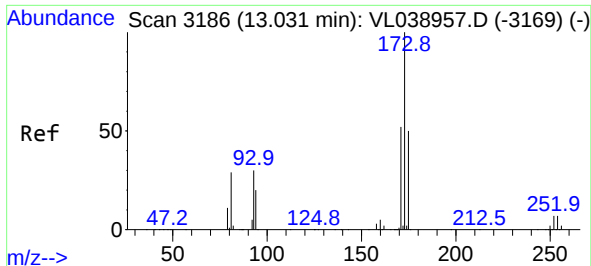
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#48
Dibromochloromethane
Concen: 9.292 ppbv
RT: 10.272 min Scan# 2328
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion:129 Resp: 1406075
Ion Ratio Lower Upper
129 100
127 78.8 39.3 117.9





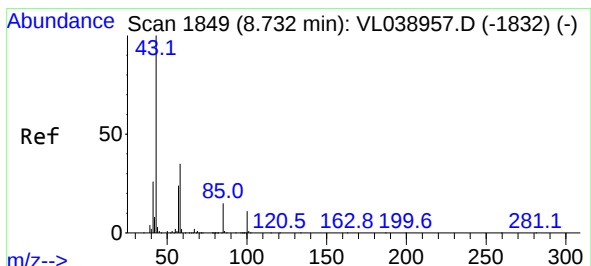
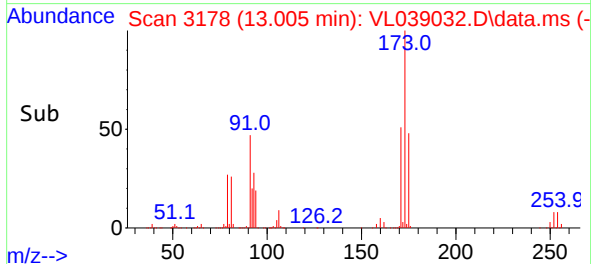
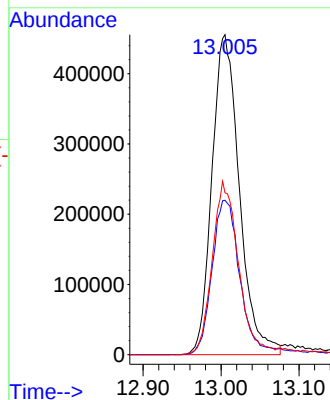
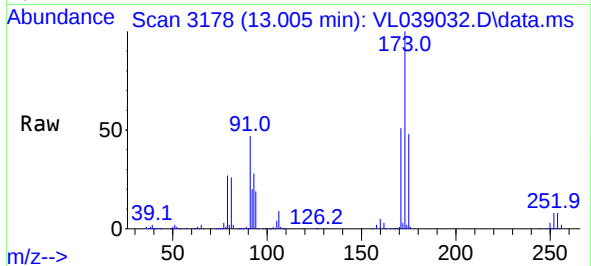
#49
Bromoform
Concen: 9.664 ppbv
RT: 13.005 min Scan# 3186
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:173 Resp: 111529
Ion Ratio Lower Upper
173 100
175 51.5 41.0 61.6
171 54.3 42.6 64.0

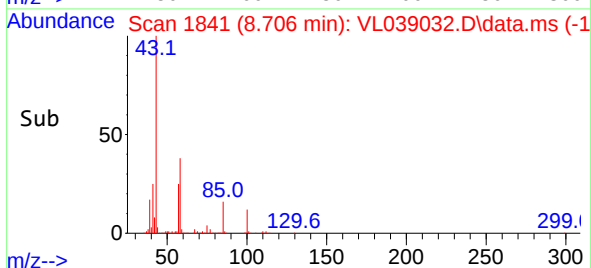
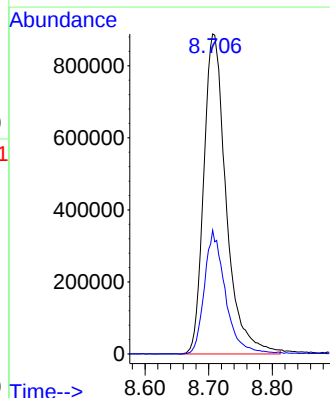
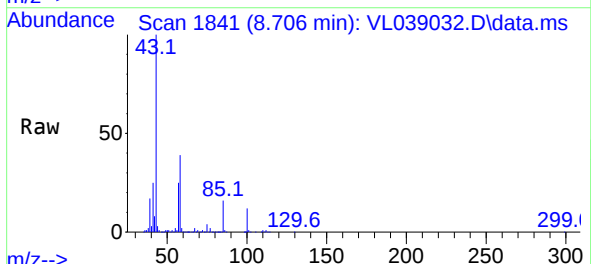
Manual Integrations
APPROVED

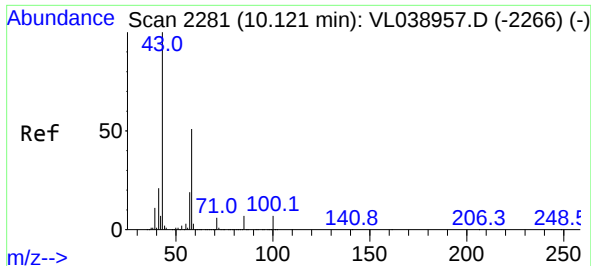
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
4-Methyl-2-Pentanone
Concen: 9.048 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

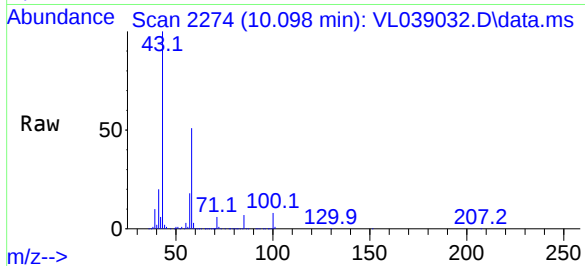
Tgt Ion: 43 Resp: 2173084
Ion Ratio Lower Upper
43 100
58 36.4 28.4 42.6





#51
2-Hexanone
Concen: 9.198 ppbv
RT: 10.098 min Scan# 211
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

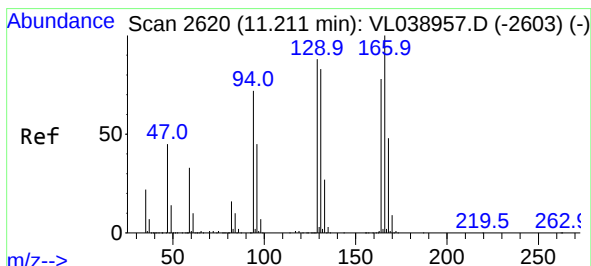
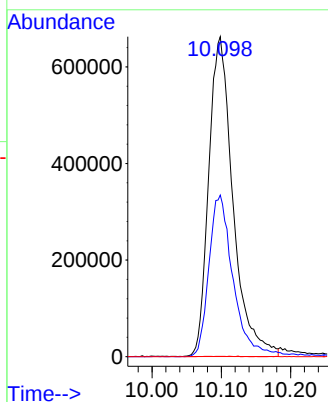
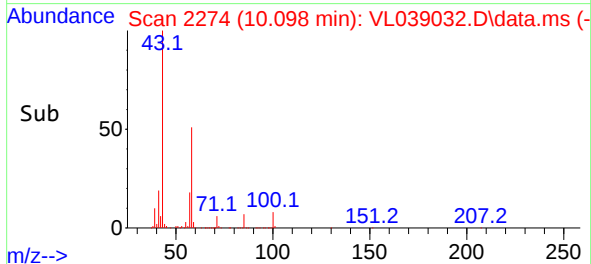
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



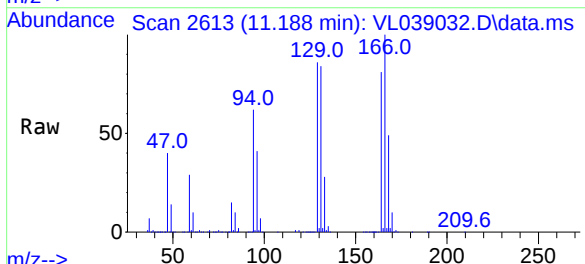
Tgt Ion: 43 Resp: 161227
Ion Ratio Lower Upper
43 100
58 51.4 39.3 58.9
98 0.2 0.2 0.2

Manual Integrations
APPROVED

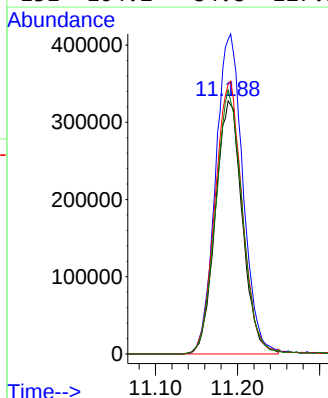
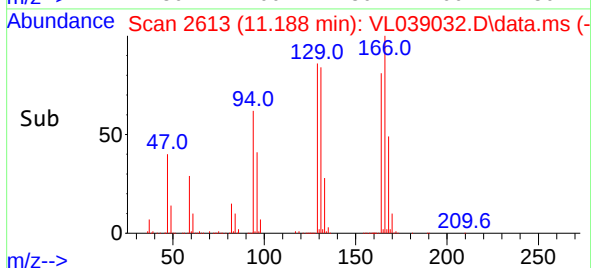
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

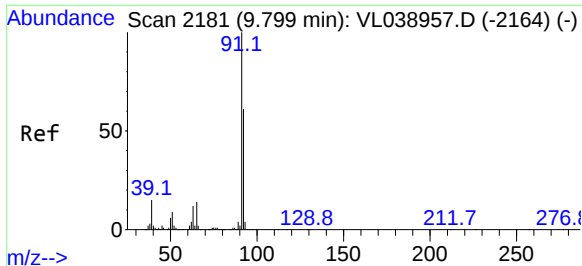


#52
Tetrachloroethene
Concen: 9.107 ppbv
RT: 11.188 min Scan# 2613
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



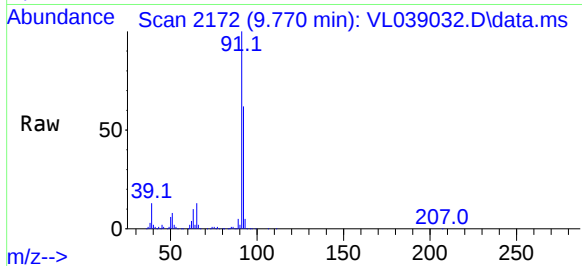
Tgt Ion:164 Resp: 747663
Ion Ratio Lower Upper
164 100
166 124.1 102.5 153.7
129 106.5 90.1 135.1
131 104.2 84.8 127.2





#53
Toluene
Concen: 9.784 ppbv
RT: 9.770 min Scan# 2181
Delta R.T. -0.029 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

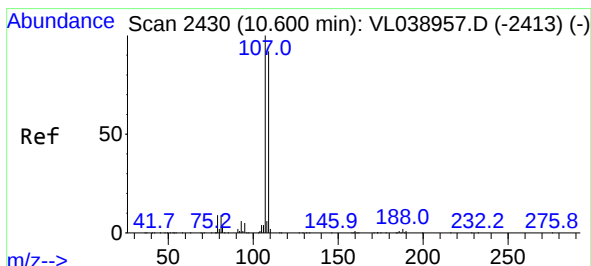
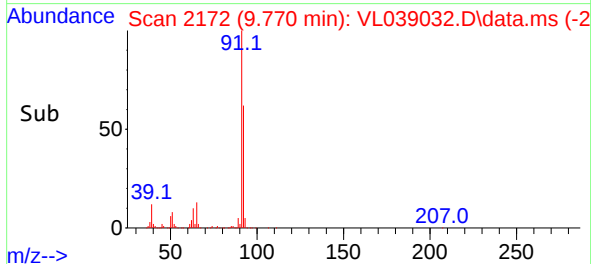
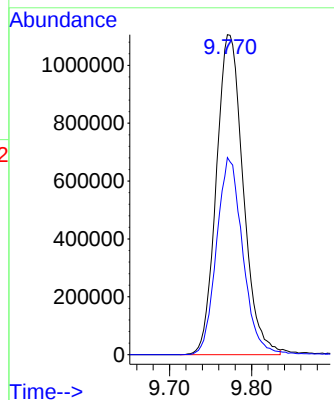
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 251927
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.2

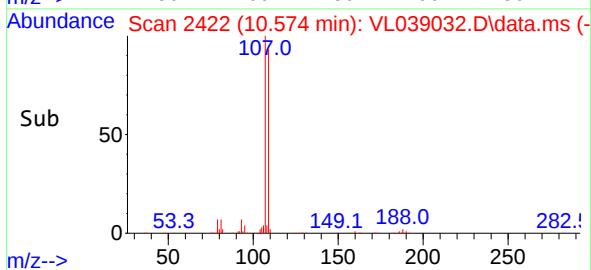
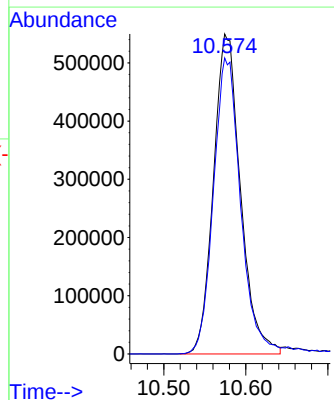
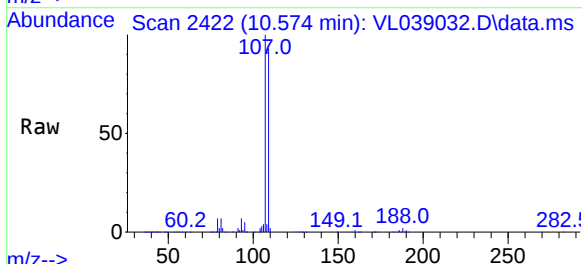
Manual Integrations
APPROVED

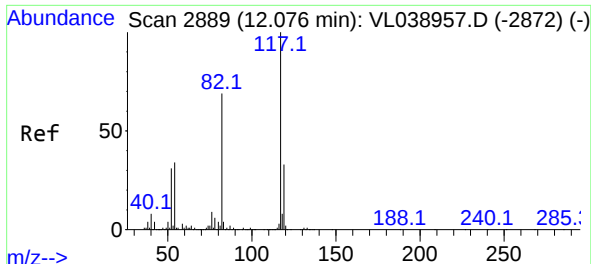
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#54
1,2-Dibromoethane
Concen: 9.938 ppbv
RT: 10.574 min Scan# 2422
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

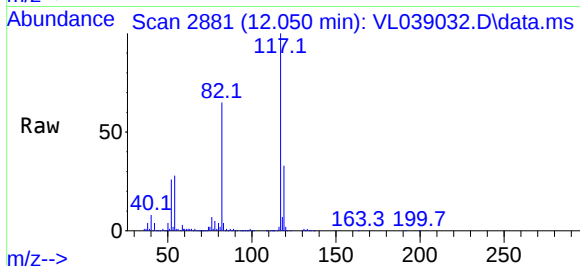
Tgt Ion:107 Resp: 1257851
Ion Ratio Lower Upper
107 100
109 92.4 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.050 min Scan# 2889
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

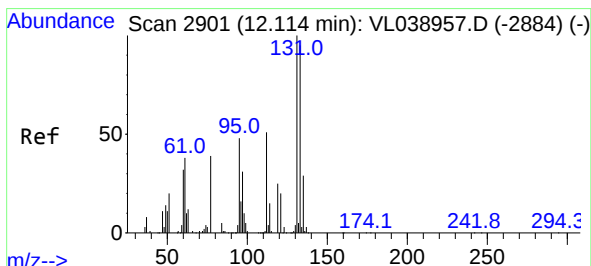
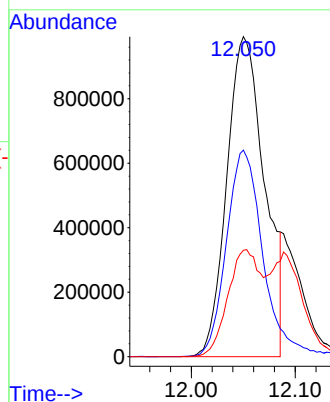
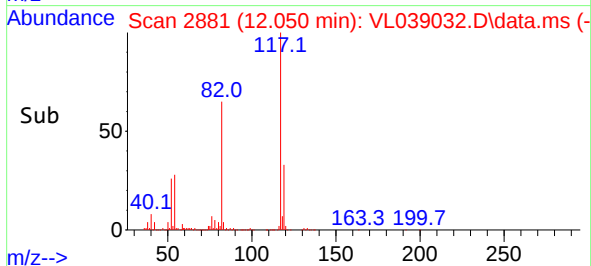
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



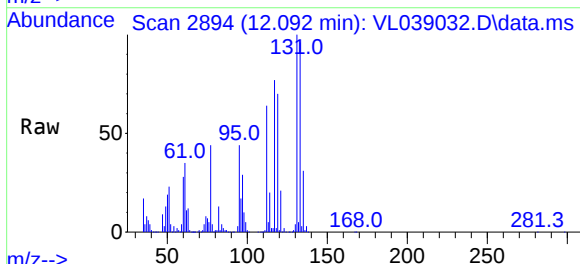
Tgt Ion:117 Resp: 251272
Ion Ratio Lower Upper
117 100
82 63.6 57.0 85.6
119 32.3 27.2 40.8

Manual Integrations
APPROVED

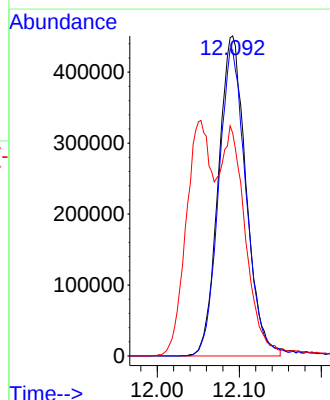
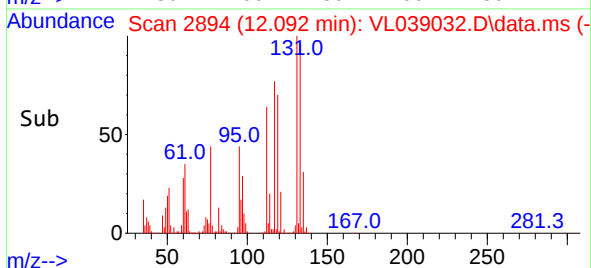
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

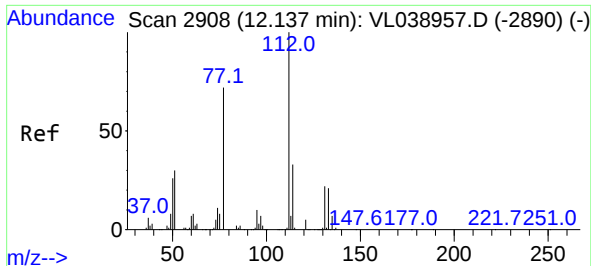


#56
1,1,1,2-Tetrachloroethane
Concen: 9.600 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



Tgt Ion:131 Resp: 1058401
Ion Ratio Lower Upper
131 100
133 97.2 76.9 115.3
119 65.4 47.4 71.0





#57

Chlorobenzene

Concen: 9.350 ppbv

RT: 12.111 min Scan# 2908

Delta R.T. -0.026 min

Lab File: VL039032.D

Acq: 12 May 2022 9:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

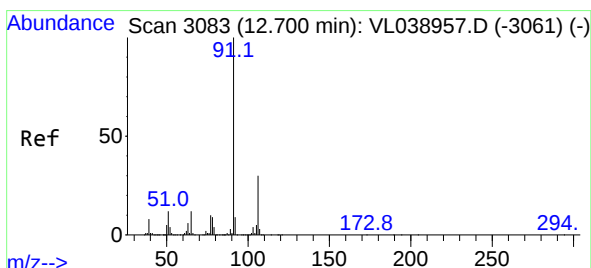
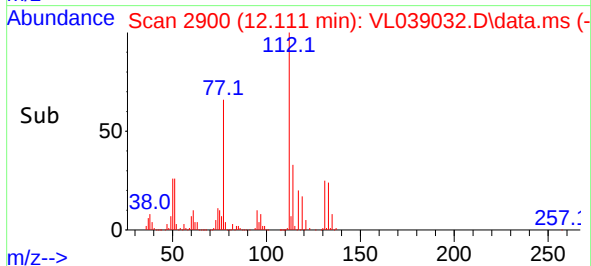
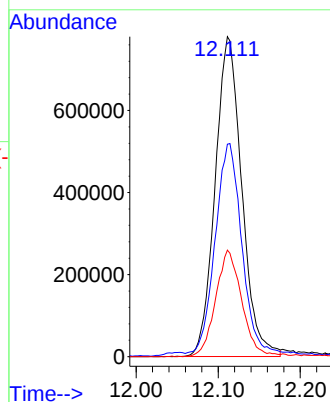
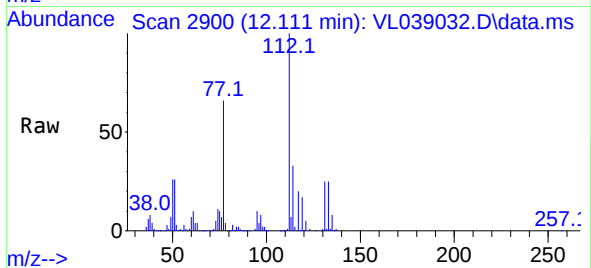
Tgt Ion: 112 Resp: 176114

Ion	Ratio	Lower	Upper
112	100		
77	65.1	57.7	86.5
114	33.2	30.1	36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#58

Ethyl Benzene

Concen: 9.280 ppbv

RT: 12.674 min Scan# 3075

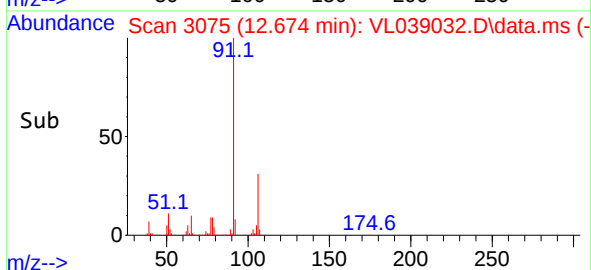
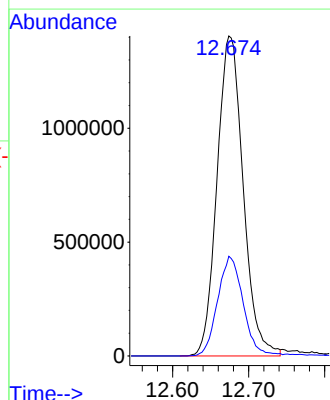
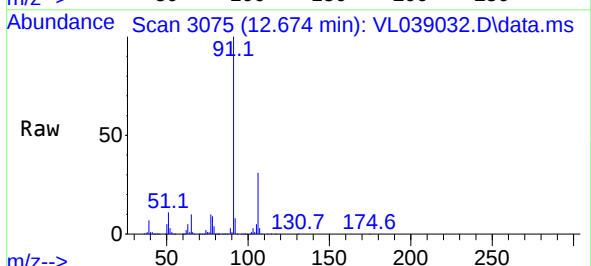
Delta R.T. -0.026 min

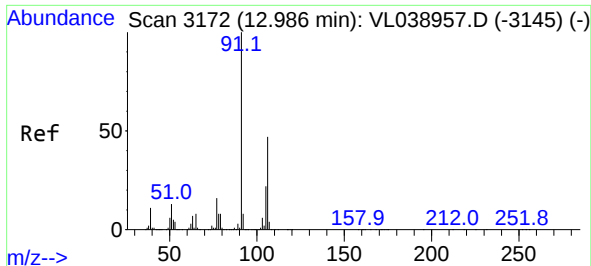
Lab File: VL039032.D

Acq: 12 May 2022 9:00

Tgt Ion: 91 Resp: 3355704

Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.2	36.4





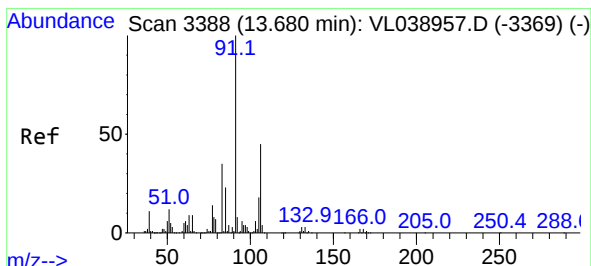
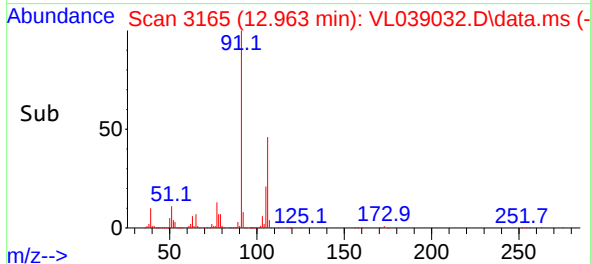
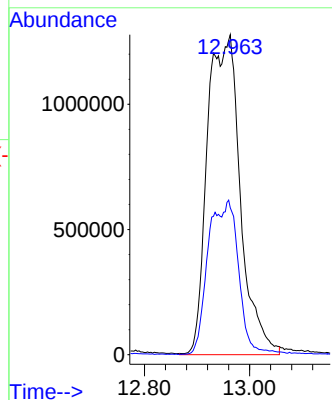
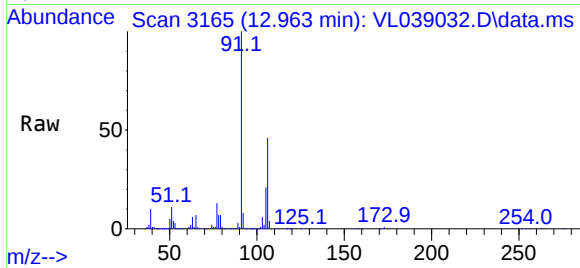
#59
m/p-Xylene
Concen: 17.963 ppbv m
RT: 12.963 min Scan# 3172
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 5545349
Ion Ratio Lower Upper
91 100
106 44.9 34.6 52.0

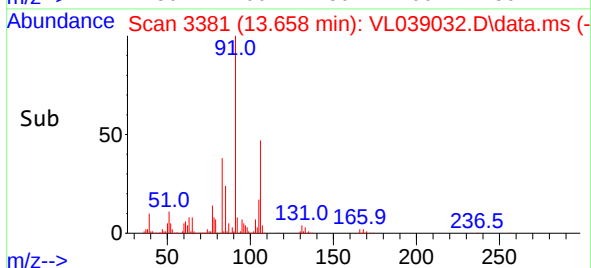
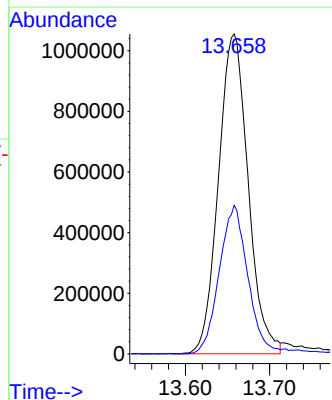
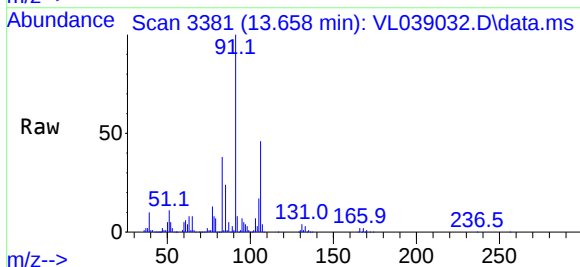
Manual Integrations
APPROVED

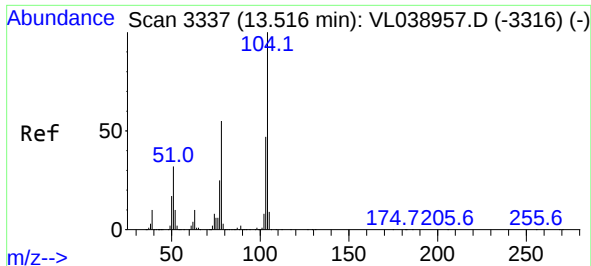
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
o-Xylene
Concen: 8.873 ppbv
RT: 13.658 min Scan# 3381
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Tgt Ion: 91 Resp: 2578173
Ion Ratio Lower Upper
91 100
106 46.6 22.2 66.6





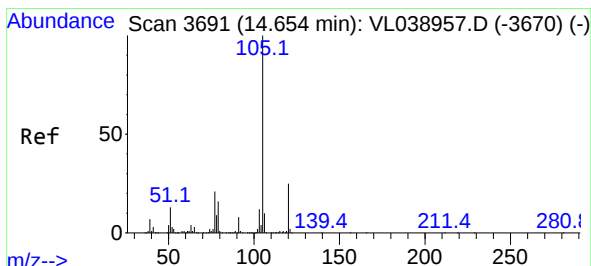
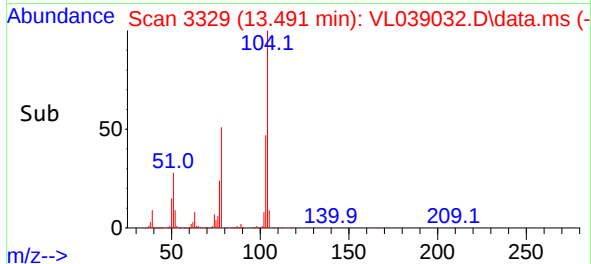
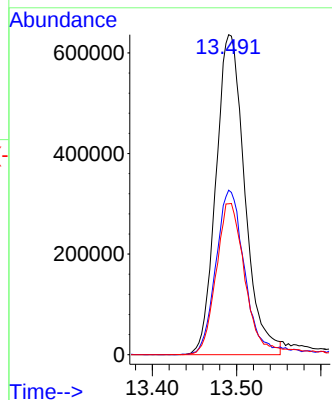
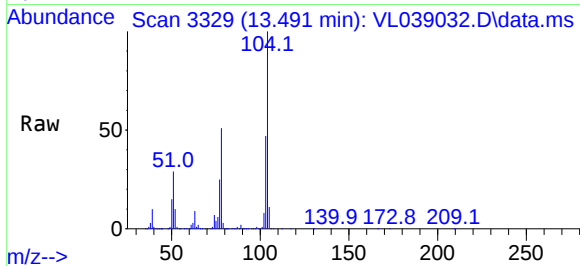
#61
Styrene
Concen: 9.732 ppbv
RT: 13.491 min Scan# 31
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 150963
Ion Ratio Lower Upper
104 100
78 52.8 46.4 69.6
103 48.7 39.3 58.9

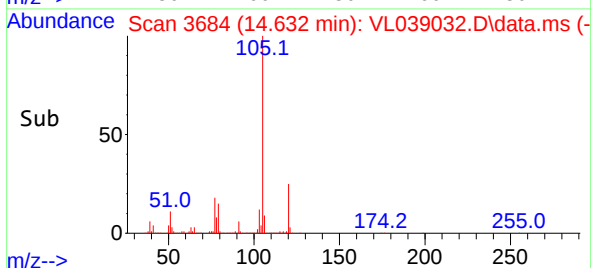
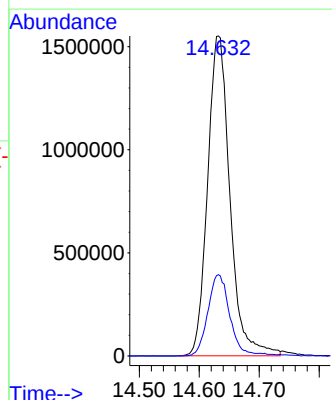
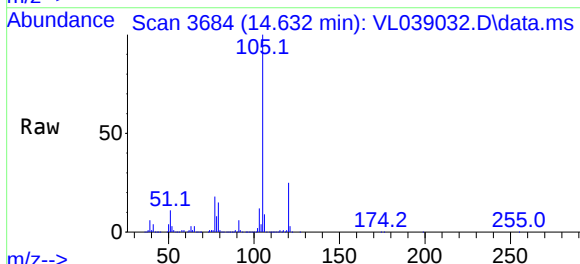
Manual Integrations
APPROVED

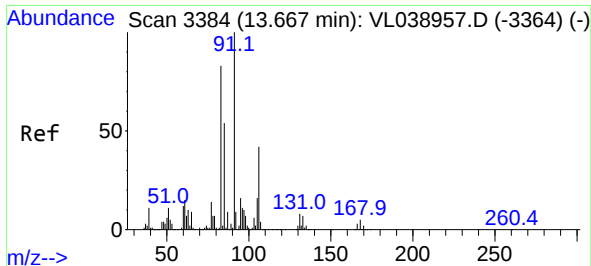
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
Isopropylbenzene
Concen: 9.464 ppbv
RT: 14.632 min Scan# 3684
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

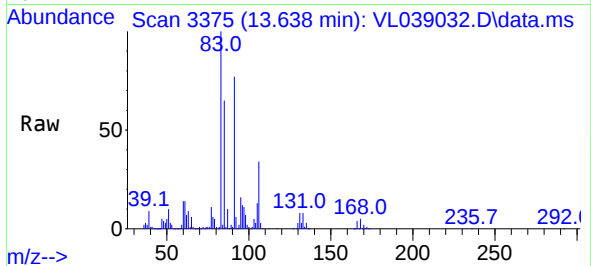
Tgt Ion:105 Resp: 4021350
Ion Ratio Lower Upper
105 100
120 25.3 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 10.366 ppbv
RT: 13.638 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

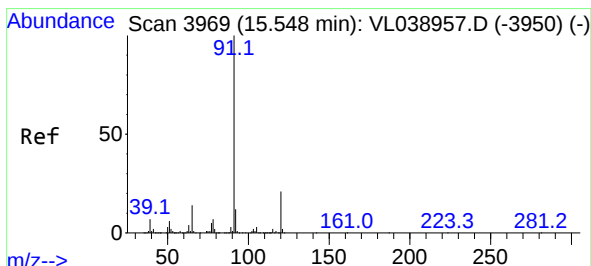
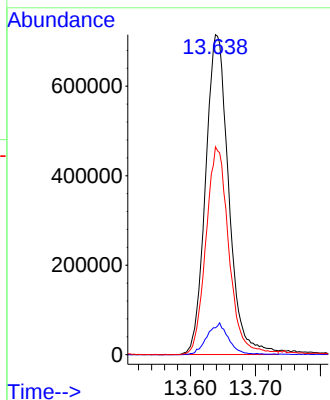
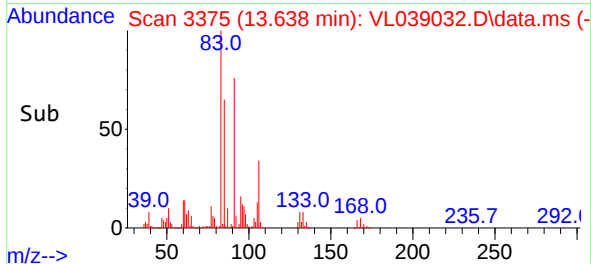
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



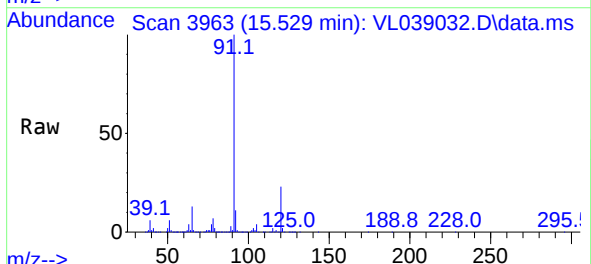
Tgt Ion: 83 Resp: 177351
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 65.6 32.8 98.3

Manual Integrations
APPROVED

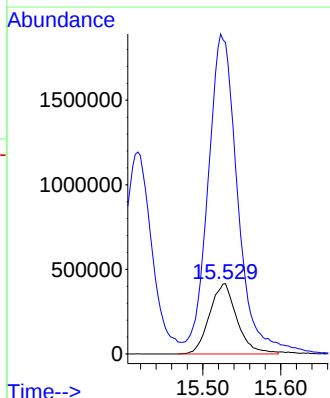
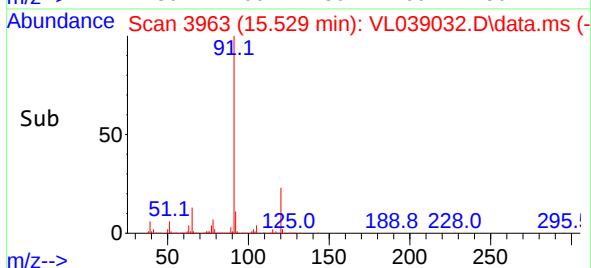
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

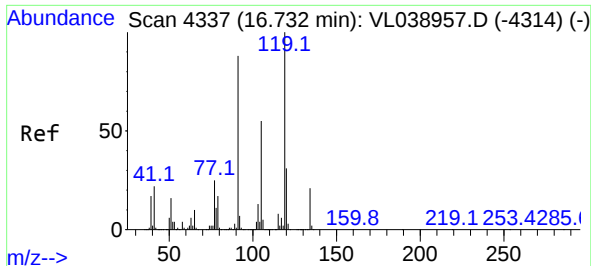


#64
n-propylbenzene
Concen: 9.906 ppbv
RT: 15.529 min Scan# 3963
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



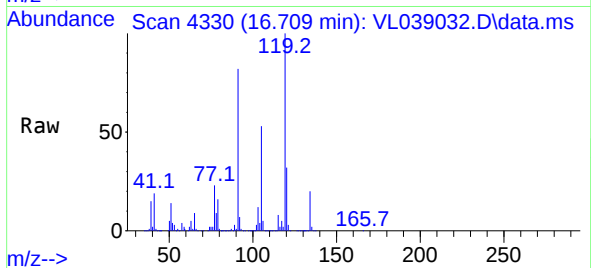
Tgt Ion:120 Resp: 1017635
Ion Ratio Lower Upper
120 100
91 493.7 400.6 601.0





#65
tert-Butylbenzene
Concen: 9.186 ppbv
RT: 16.709 min Scan# 41
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

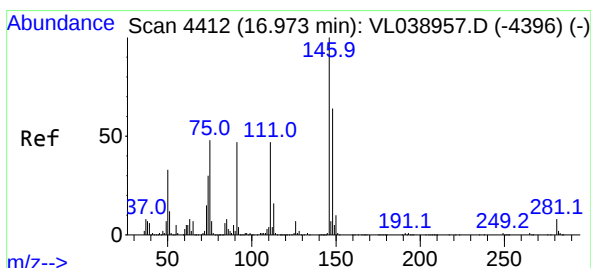
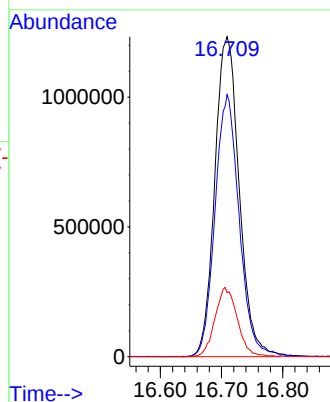
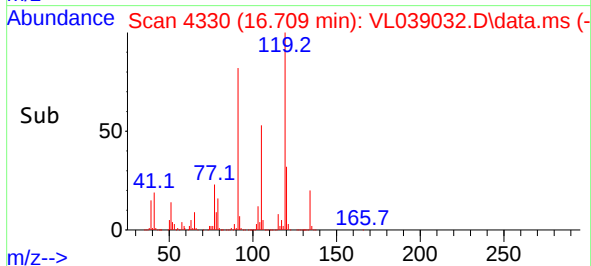
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



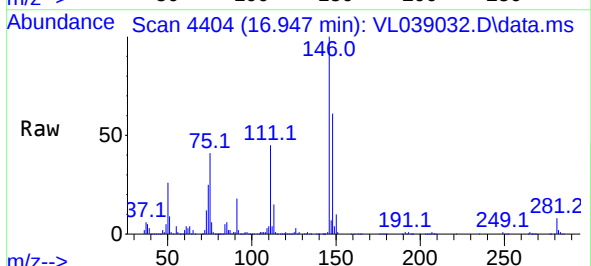
Tgt Ion: 119 Resp: 3419790
Ion Ratio Lower Upper
119 100
91 81.2 69.4 104.2
134 19.9 15.8 23.8

Manual Integrations
APPROVED

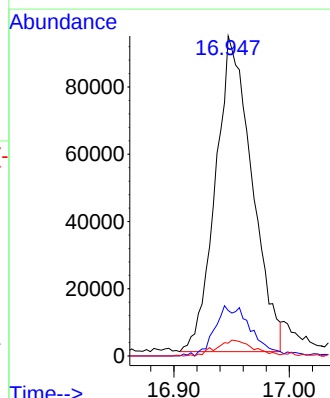
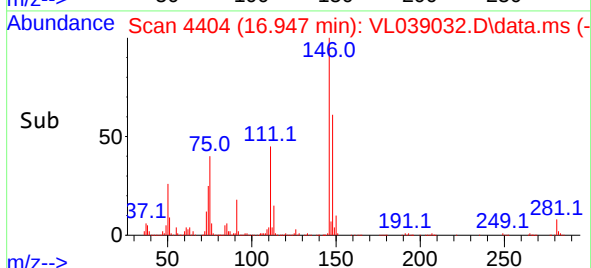
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

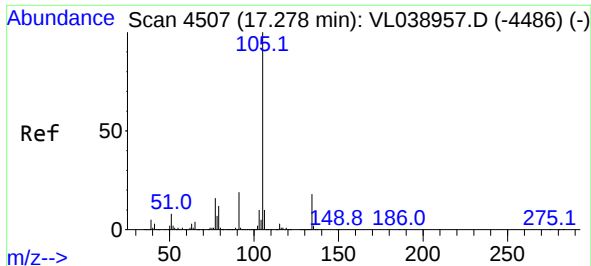


#66
Benzyl Chloride
Concen: 4.237 ppbv
RT: 16.947 min Scan# 4404
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



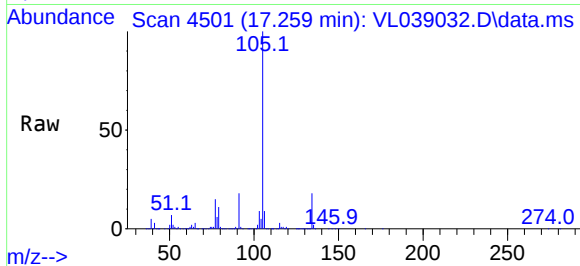
Tgt Ion: 91 Resp: 206171
Ion Ratio Lower Upper
91 100
126 16.5 11.8 17.6
128 5.6 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.288 ppbv
 RT: 17.259 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

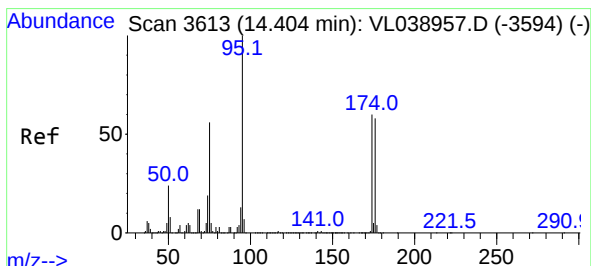
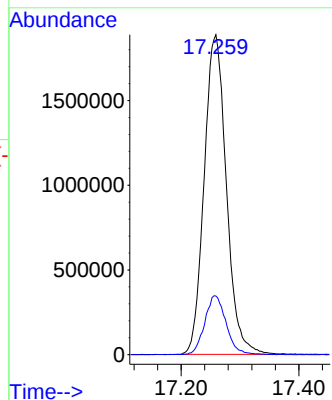
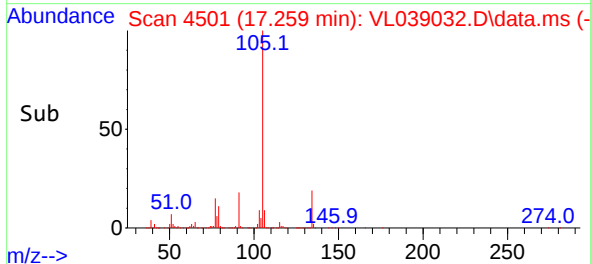
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



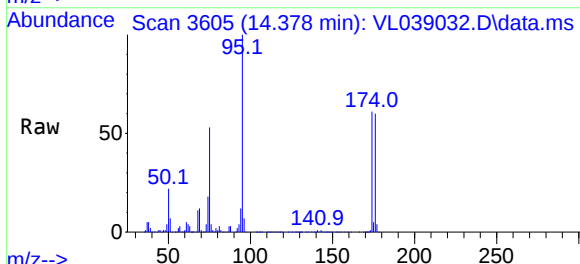
Tgt Ion:105 Resp: 494001
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.2 21.4

Manual Integrations
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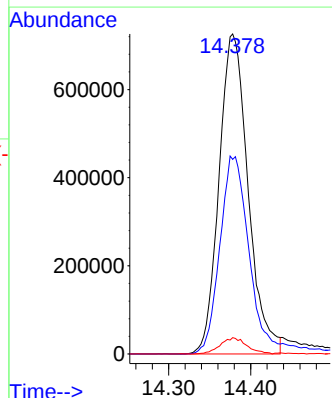
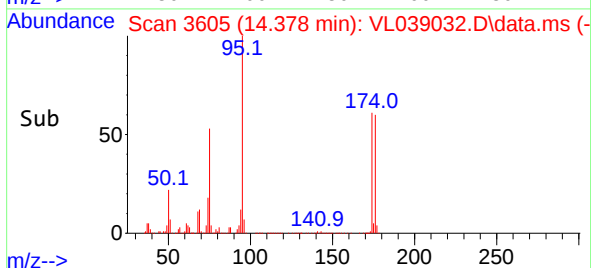
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

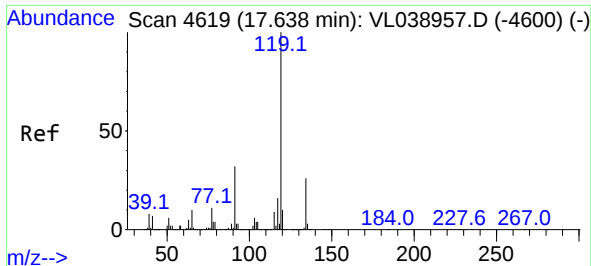


#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.987 ppbv
 RT: 14.378 min Scan# 3605
 Delta R.T. -0.026 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00



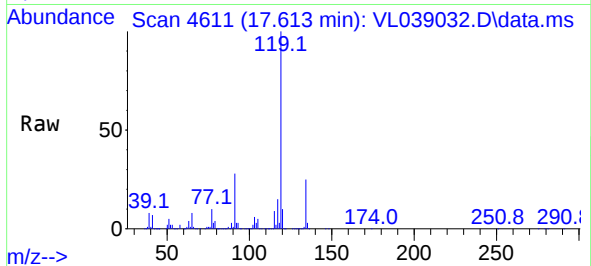
Tgt Ion: 95 Resp: 1788460
 Ion Ratio Lower Upper
 95 100
 174 65.5 50.8 76.2
 175 4.9 3.8 5.6





#69
p-Isopropyltoluene
Concen: 9.395 ppbv
RT: 17.613 min Scan# 4037139
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

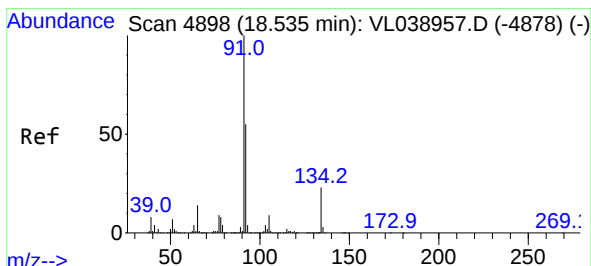
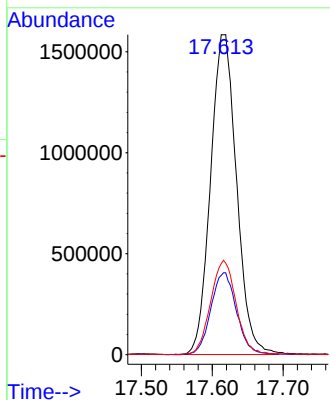
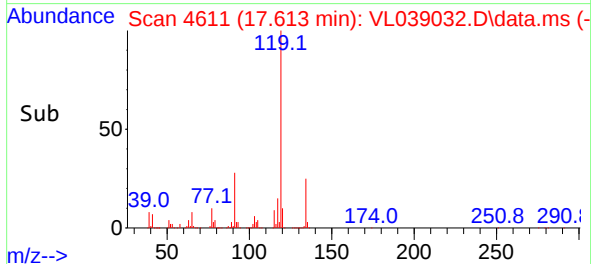
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



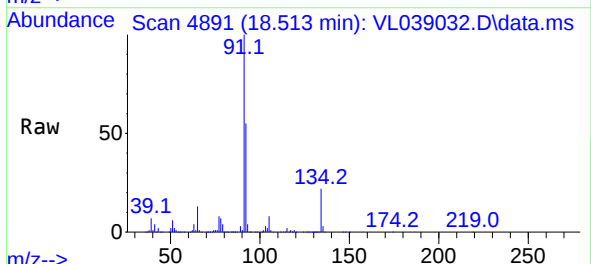
Tgt Ion:119 Resp: 4037139
Ion Ratio Lower Upper
119 100
134 25.5 20.0 30.0
91 28.9 24.8 37.2

Manual Integrations
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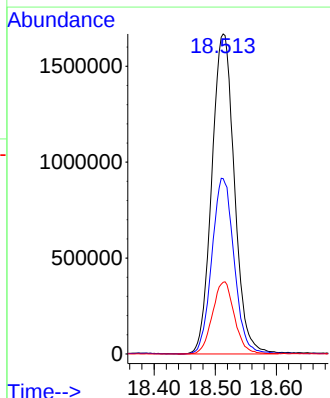
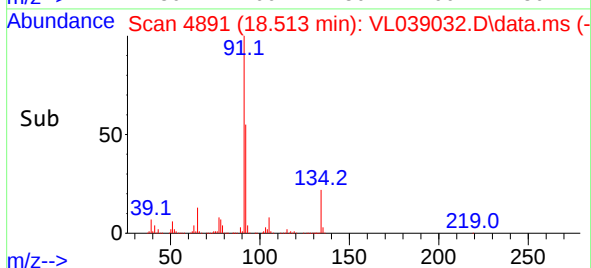
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

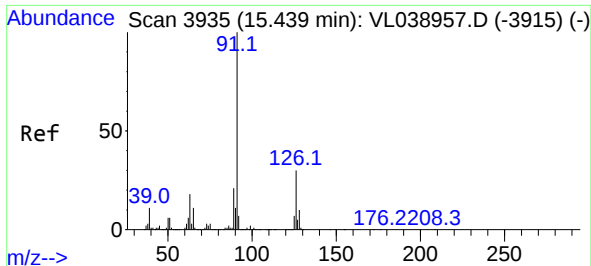


#70
n-Butylbenzene
Concen: 9.376 ppbv
RT: 18.513 min Scan# 4891
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



Tgt Ion: 91 Resp: 4280063
Ion Ratio Lower Upper
91 100
92 54.3 43.1 64.7
134 22.0 17.0 25.4





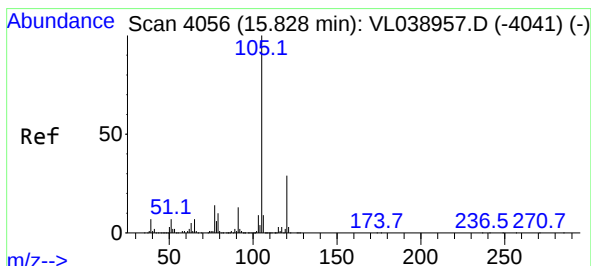
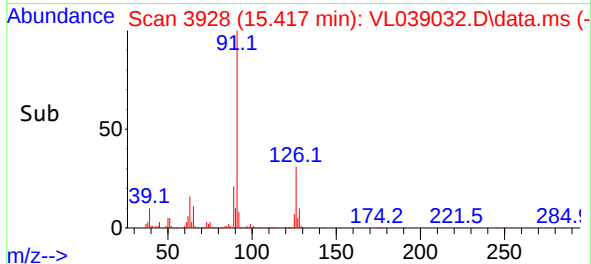
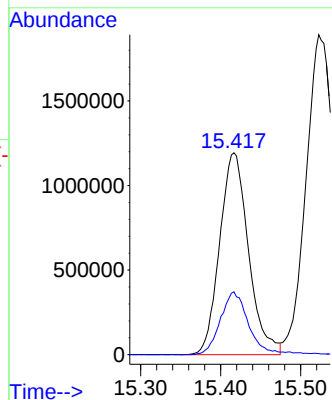
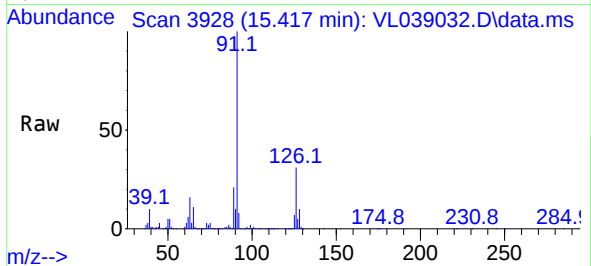
#71
2-Chlorotoluene
Concen: 9.121 ppbv
RT: 15.417 min Scan# 3935
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2987620
Ion Ratio Lower Upper
91 100
126 31.2 11.9 47.5

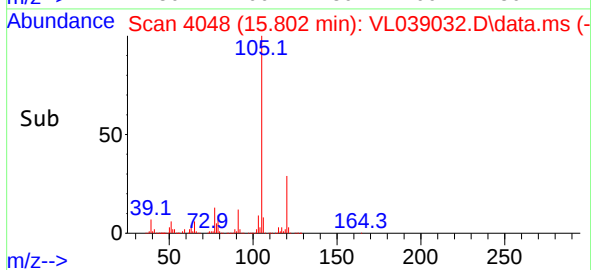
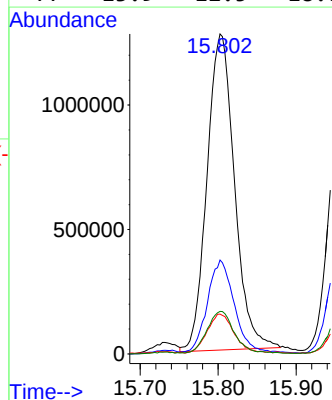
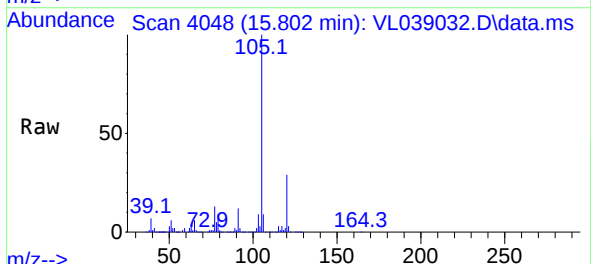
Manual Integrations
APPROVED

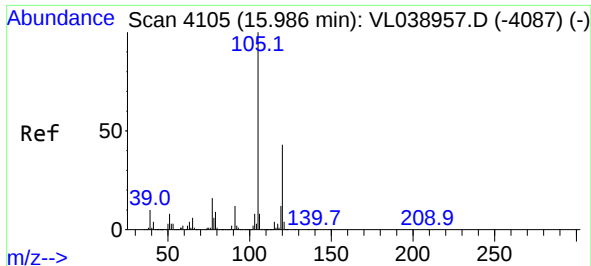
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#72
4-Ethyltoluene
Concen: 9.412 ppbv
RT: 15.802 min Scan# 4048
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

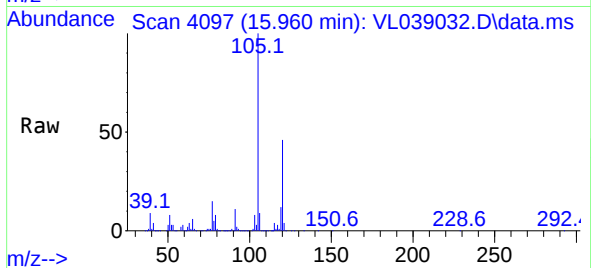
Tgt Ion:105 Resp: 3116141
Ion Ratio Lower Upper
105 100
120 30.0 23.4 35.0
91 12.4 10.6 16.0
77 13.9 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 9.418 ppbv
RT: 15.960 min Scan# 4097
Delta R.T. -0.026 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

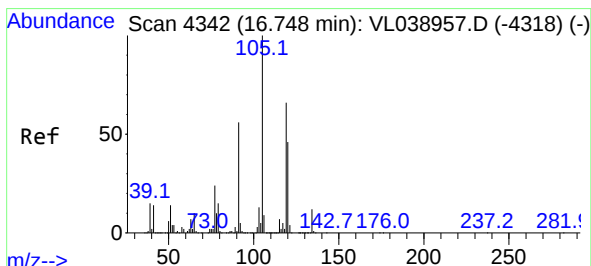
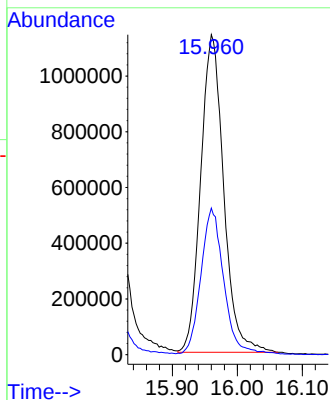
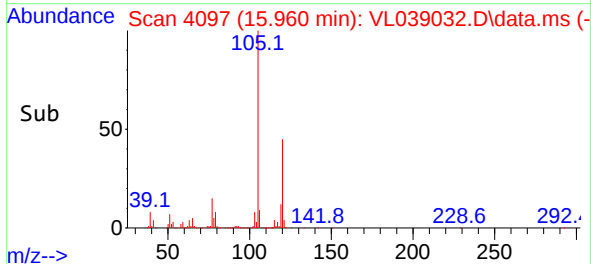
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



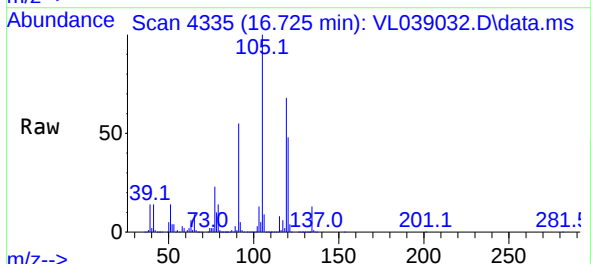
Tgt Ion:105 Resp: 280711
Ion Ratio Lower Upper
105 100
120 45.8 34.4 51.6

Manual Integrations
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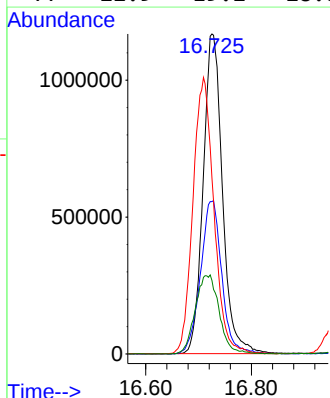
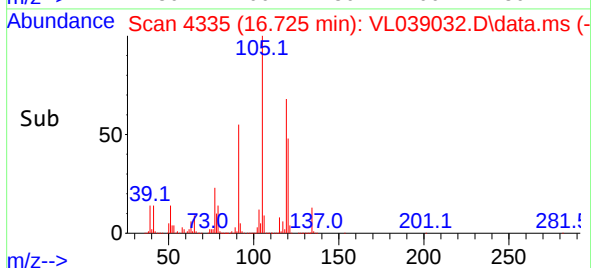
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

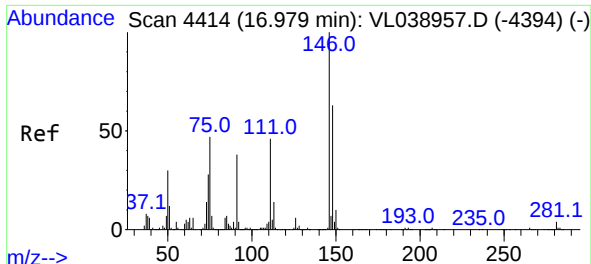


#74
1,2,4-Trimethylbenzene
Concen: 9.070 ppbv
RT: 16.725 min Scan# 4335
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



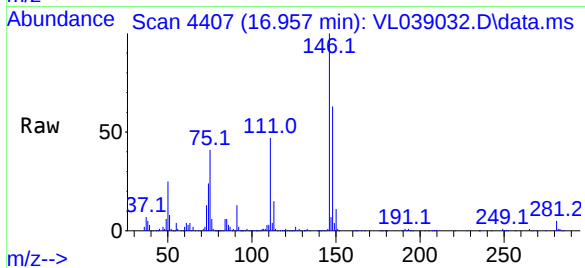
Tgt Ion:105 Resp: 2960259
Ion Ratio Lower Upper
105 100
120 47.5 36.9 55.3
91 54.9 45.0 67.4
77 22.9 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 9.185 ppbv
RT: 16.957 min Scan# 4407
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

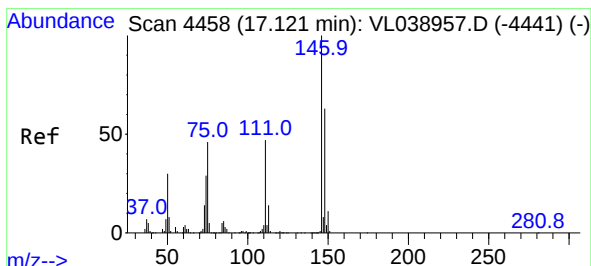
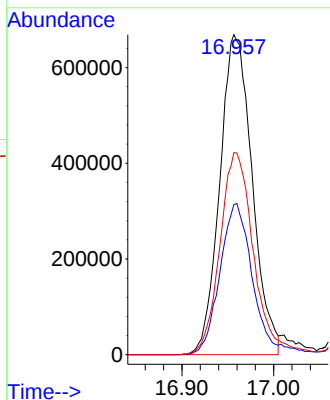
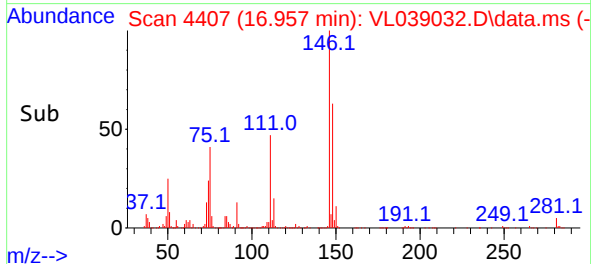
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



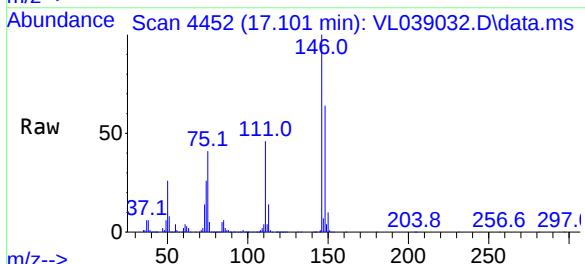
Tgt Ion:146 Resp: 1642404
Ion Ratio Lower Upper
146 100
111 48.0 24.1 72.2
148 65.7 32.4 97.2

Manual Integrations
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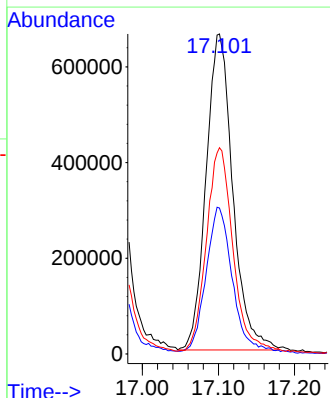
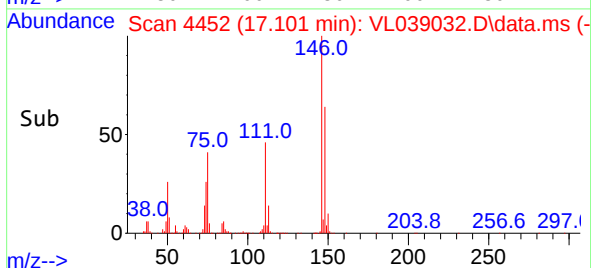
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

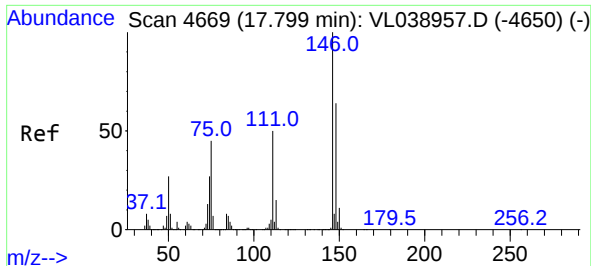


#76
1,4-Dichlorobenzene
Concen: 9.155 ppbv
RT: 17.101 min Scan# 4452
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



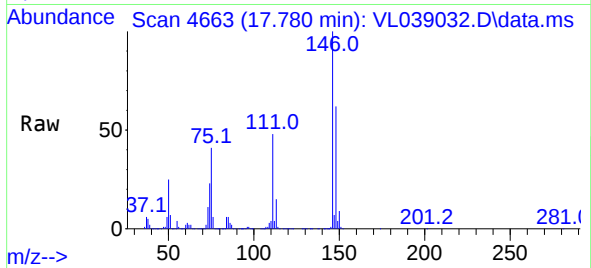
Tgt Ion:146 Resp: 1610440
Ion Ratio Lower Upper
146 100
111 46.7 23.6 71.0
148 67.2 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 9.367 ppbv
RT: 17.780 min Scan# 40
Delta R.T. -0.019 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

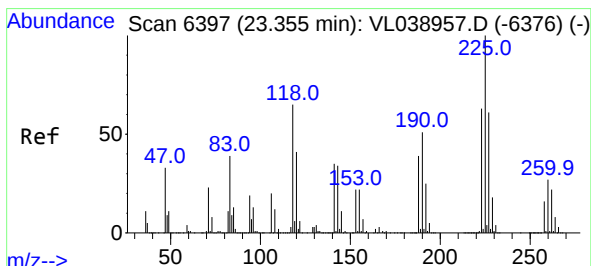
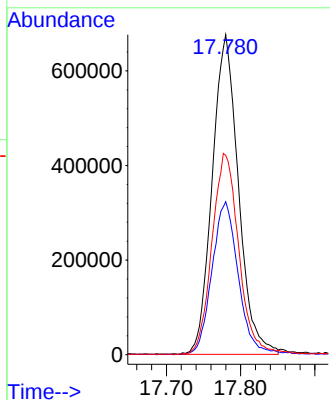
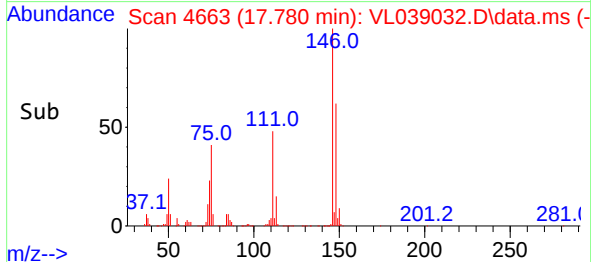
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



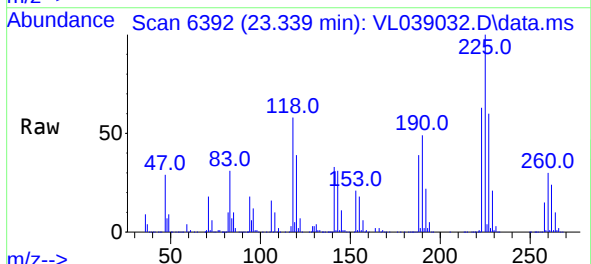
Tgt Ion:146 Resp: 165660
Ion Ratio Lower Upper
146 100
111 48.5 25.3 75.9
148 64.5 32.3 96.9

Manual Integrations
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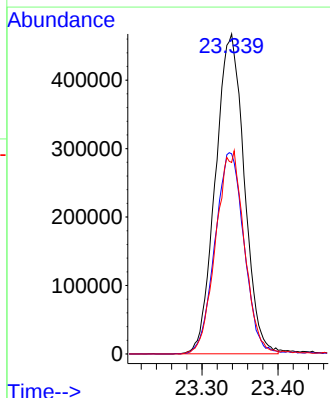
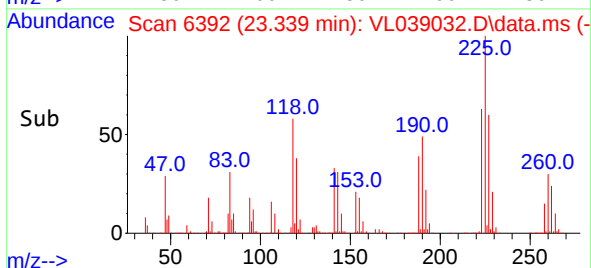
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

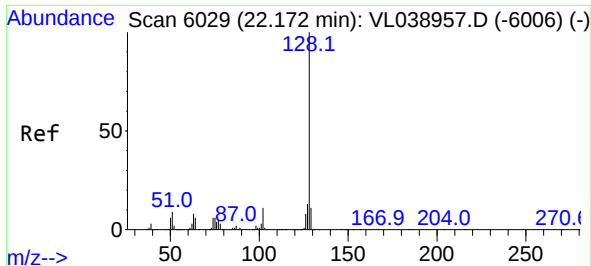


#78
Hexachloro-1,3-Butadiene
Concen: 7.565 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



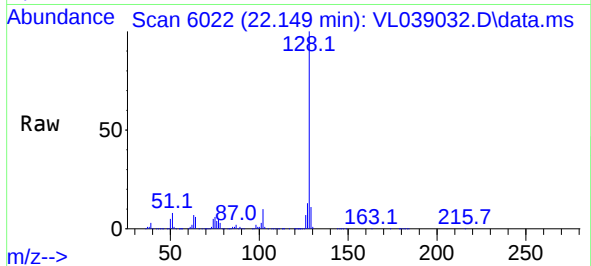
Tgt Ion:225 Resp: 1229595
Ion Ratio Lower Upper
225 100
223 64.2 51.4 77.0
227 63.7 51.4 77.0





#79
Naphthalene
Concen: 9.031 ppbv
RT: 22.149 min Scan# 6029
Delta R.T. -0.022 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00

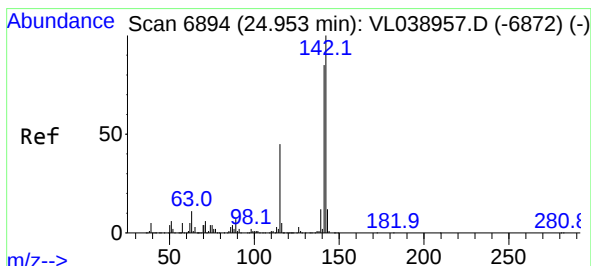
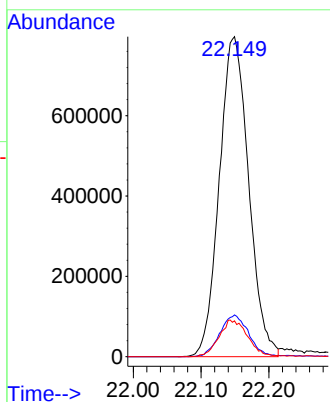
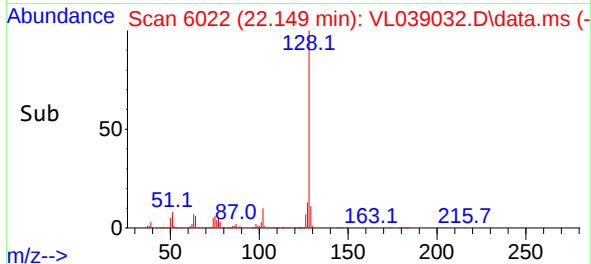
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



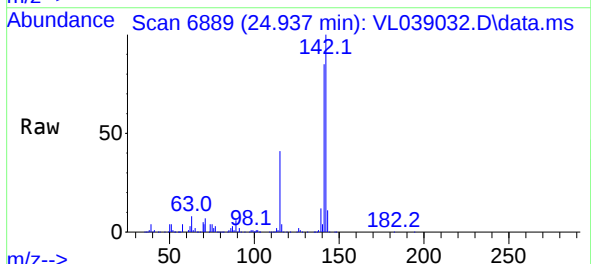
Tgt Ion:128 Resp: 239406
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.2
129 11.2 8.9 13.3

Manual Integrations
APPROVED

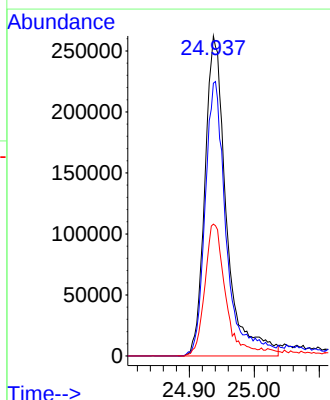
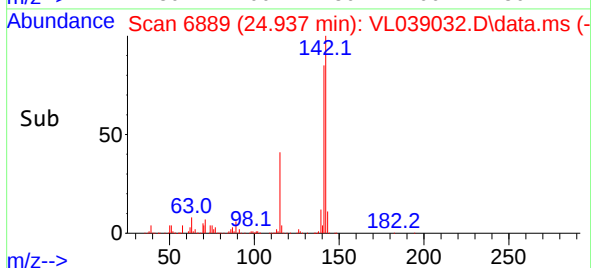
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

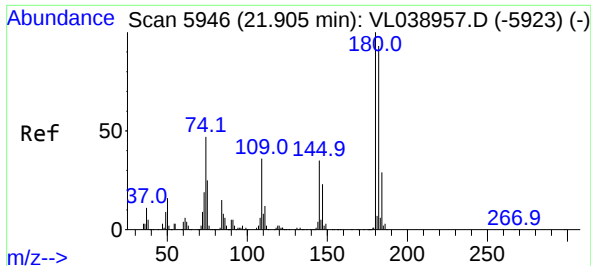


#80
Naphthalene,2-methyl-
Concen: 7.535 ppbv
RT: 24.937 min Scan# 6889
Delta R.T. -0.016 min
Lab File: VL039032.D
Acq: 12 May 2022 9:00



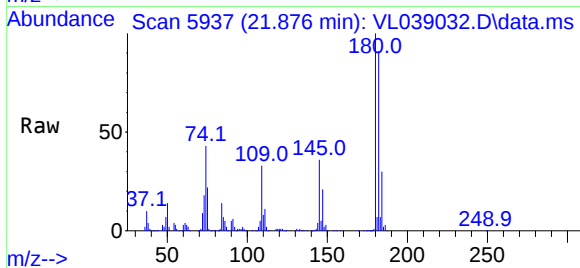
Tgt Ion:142 Resp: 604290
Ion Ratio Lower Upper
142 100
141 85.4 70.8 106.2
115 43.0 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 8.400 ppbv
 RT: 21.876 min Scan# 5937
 Delta R.T. -0.029 min
 Lab File: VL039032.D
 Acq: 12 May 2022 9:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1304830

Ion	Ratio	Lower	Upper
180	100		
182	97.0	78.4	117.6
184	31.0	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

