

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039115.D
 Acq On : 25 May 2022 12:57
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 26 07:58:07 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 07:58:07 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	5.639	49	1169238	10.000	ppbv	-0.03
33) 1,4-Difluorobenzene	7.143	114	2826970	10.000	ppbv	-0.03
55) Chlorobenzene-d5	12.047	117	2614217	10.000	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.375 95 2066344 9.981 ppbv -0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.037	85	1180566	6.444	ppbv	99
3) Chlorodifluoromethane	2.976	51	1457430	10.045	ppbv	100
4) Chloromethane	3.124	50	673826	9.274	ppbv	97
5) Vinyl Chloride	3.243	62	702906	10.594	ppbv	97
6) Bromomethane	3.455	94	321204	10.248	ppbv	89
7) Chloroethane	3.539	64	240426	10.826	ppbv	95
8) Dichlorotetrafluoroethane	3.172	85	1648790	9.930	ppbv	100
9) Propene	2.996	41	620277	9.790	ppbv	95
10) Heptane	8.089	43	1534828	9.874	ppbv	99
11) Trichlorofluoromethane	3.931	101	1642105	10.447	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.465	101	1176270	10.863	ppbv	98
13) Ethanol	3.578	45	61537m	13.724	ppbv	
14) Bromoethene	3.722	108	491046	10.998	ppbv	99
15) Acetone	3.828	43	1146320	10.393	ppbv	98
16) 1,3-Butadiene	3.311	39	651194	10.276	ppbv	100
17) tert-Butyl alcohol	4.259	59	1022259	12.059	ppbv	98
18) 1,1-Dichloroethene	4.269	96	516813	11.090	ppbv	97
19) Isopropyl Alcohol	3.938	45	624406	11.907	ppbv #	99
20) Methylene Chloride	4.320	84	448208	10.782	ppbv	94
21) Allyl Chloride	4.391	41	781782	10.402	ppbv	99
22) trans-1,2-Dichloroethene	4.861	96	535521	10.639	ppbv	96
23) Vinyl Acetate	5.047	43	817009	9.362	ppbv #	97
24) 1,1-Dichloroethane	4.986	63	1047693	10.426	ppbv	100
25) Ethyl Acetate	5.648	43	3004405	11.381	ppbv	99
26) Hexane	5.661	57	1226296	10.455	ppbv	96
27) Carbon Disulfide	4.529	76	1252124	11.238	ppbv	100
28) Methyl tert-Butyl Ether	5.008	73	996100	11.162	ppbv	99
29) Chloroform	5.722	83	1932823	10.185	ppbv	100
30) Cyclohexane	7.102	84	951494	9.689	ppbv	97
31) cis-1,2-Dichloroethene	5.520	61	1198862	10.033	ppbv	98
32) 1,1,1-Trichloroethane	6.478	97	1979452	10.432	ppbv	98
34) 2-Butanone	5.214	43	1436952	9.963	ppbv	97
35) Carbon Tetrachloride	6.989	117	2005774	10.768	ppbv	99
36) Benzene	6.860	78	2352746	9.725	ppbv	99
37) 1,2-Dichloroethane	6.275	62	1526338	10.197	ppbv	99
38) Trichloroethene	7.803	130	918439	8.540	ppbv	98
39) 1,2-Dichloropropane	7.581	63	938500	9.970	ppbv	91
40) 1,4-Dioxane	7.796	88	336198	9.944	ppbv #	1
41) Tetrahydrofuran	6.018	42	956359	9.866	ppbv	100
42) Bromodichloromethane	7.758	83	2114952	10.335	ppbv	96
43) Methyl Methacrylate	7.979	69	1019802	10.383	ppbv	100
44) 2,2,4-Trimethylpentane	7.835	57	4062683	9.570	ppbv	100
45) t-1,3-Dichloropropene	9.243	75	829846	8.729	ppbv	100

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

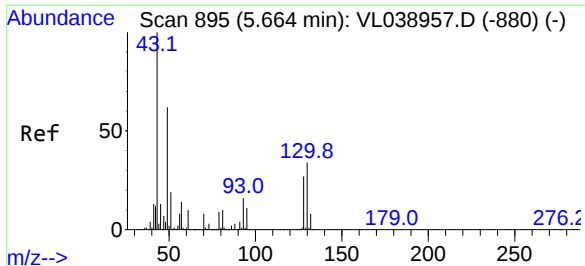
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 26 07:58:07 2022

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

Response via : Initial Calibration

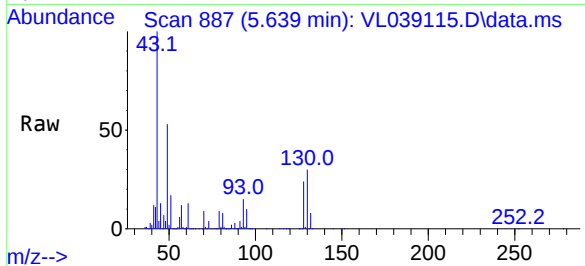
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.667	75	1159323	9.195	ppbv	96
47) 1,1,2-Trichloroethane	9.436	97	965394	9.861	ppbv	99
48) Dibromochloromethane	10.265	129	1672929	10.498	ppbv	99
49) Bromoform	13.002	173	1347519	11.088	ppbv	99
50) 4-Methyl-2-Pentanone	8.703	43	2442444	9.658	ppbv	99
51) 2-Hexanone	10.092	43	1840834	9.973	ppbv #	99
52) Tetrachloroethene	11.185	164	835294	9.662	ppbv	96
53) Toluene	9.770	91	2691112	9.925	ppbv	99
54) 1,2-Dibromoethane	10.571	107	1418102	10.640	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.085	131	1229479	10.719	ppbv	98
57) Chlorobenzene	12.108	112	1934687	9.873	ppbv	100
58) Ethyl Benzene	12.671	91	3661654	9.733	ppbv	99
59) m/p-Xylene	12.957	91	6270300m	19.523	ppbv	
60) o-Xylene	13.654	91	2988218	9.885	ppbv	99
61) Styrene	13.487	104	1604340	9.941	ppbv	99
62) Isopropylbenzene	14.625	105	4452122	10.071	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.638	83	2053069	11.534	ppbv	100
64) n-propylbenzene	15.522	120	1127234	10.547	ppbv	99
65) tert-Butylbenzene	16.703	119	3928358	10.142	ppbv	100
66) Benzyl Chloride	16.944	91	269414	5.321	ppbv	100
67) sec-Butylbenzene	17.252	105	5621367	10.159	ppbv	99
69) p-Isopropyltoluene	17.612	119	4628551	10.353	ppbv	100
70) n-Butylbenzene	18.506	91	4931956	10.384	ppbv	100
71) 2-Chlorotoluene	15.410	91	3410533	10.008	ppbv	100
72) 4-Ethyltoluene	15.799	105	3425007	9.943	ppbv	99
73) 1,3,5-Trimethylbenzene	15.953	105	3115252	10.046	ppbv	98
74) 1,2,4-Trimethylbenzene	16.722	105	3417380	10.065	ppbv	98
75) 1,3-Dichlorobenzene	16.953	146	1908238	10.257	ppbv	100
76) 1,4-Dichlorobenzene	17.098	146	1821455	9.952	ppbv	97
77) 1,2-Dichlorobenzene	17.773	146	1850596	10.058	ppbv	99
78) Hexachloro-1,3-Butadiene	23.332	225	1458660	8.626	ppbv	99
79) Naphthalene	22.140	128	2635804	9.556	ppbv	99
80) Naphthalene,2-methyl-	24.934	142	671479	8.048	ppbv	96
81) 1,2,4-Trichlorobenzene	21.873	180	1466263	9.072	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.639 min Scan# 81
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

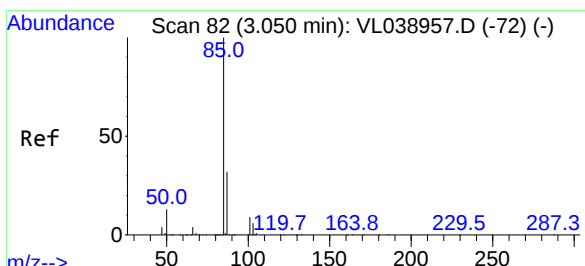
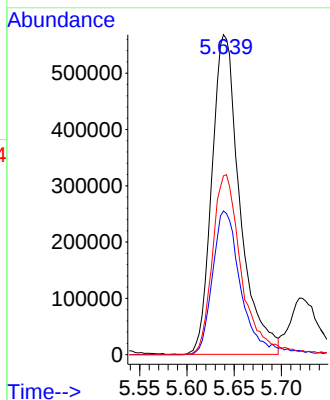
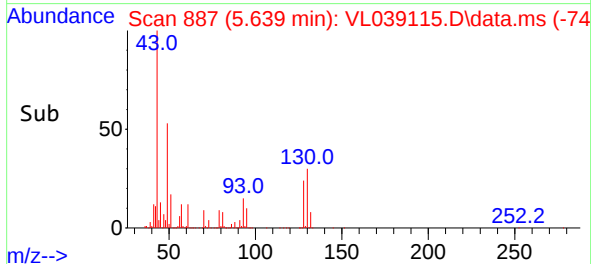
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 1169238
Ion Ratio Lower Upper
49 100
128 47.5 23.3 69.8
130 59.8 29.8 89.3

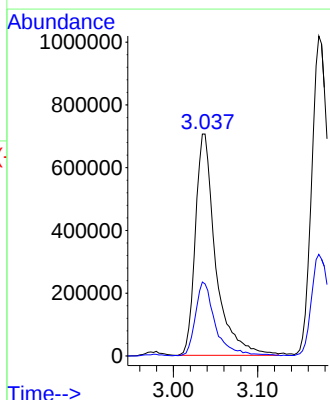
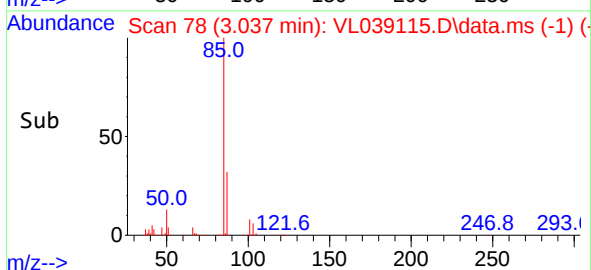
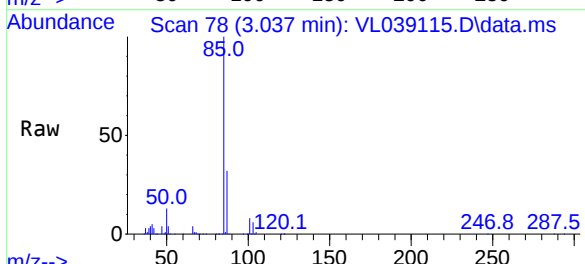
Manual Integrations
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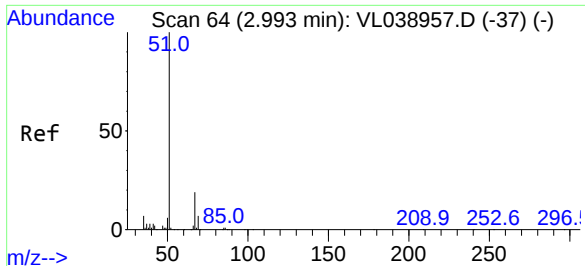
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#2
Dichlorodifluoromethane
Concen: 6.444 ppbv
RT: 3.037 min Scan# 78
Delta R.T. -0.013 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

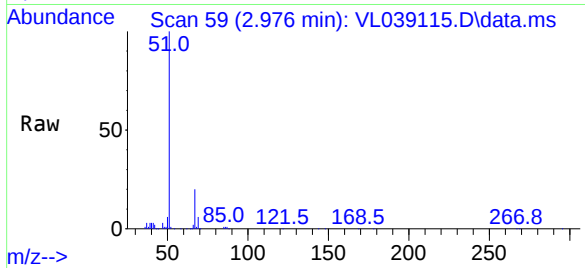
Tgt Ion: 85 Resp: 1180566
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.045 ppbv
RT: 2.976 min Scan# 51
Delta R.T. -0.016 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

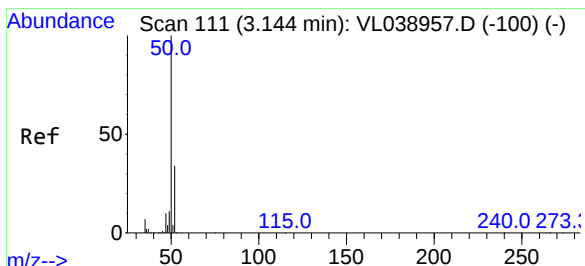
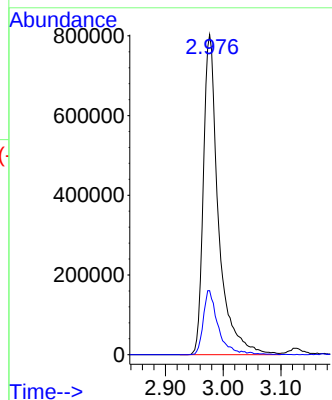
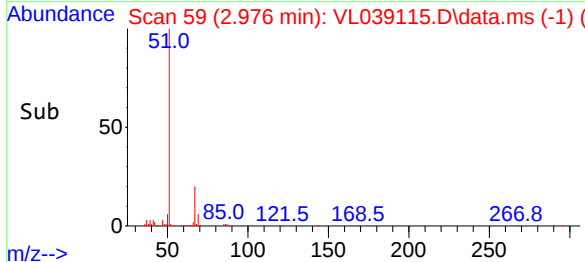
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



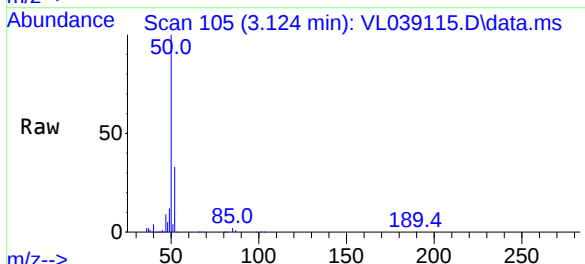
Tgt Ion: 51 Resp: 1457430
Ion Ratio Lower Upper
51 100
67 20.0 15.8 23.8

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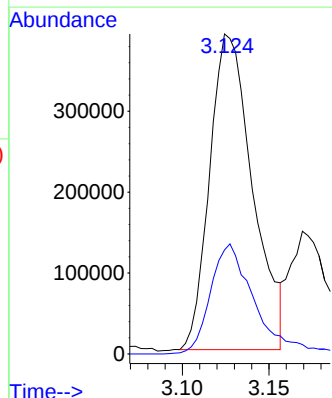
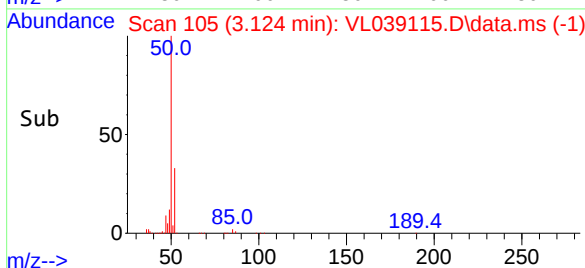
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

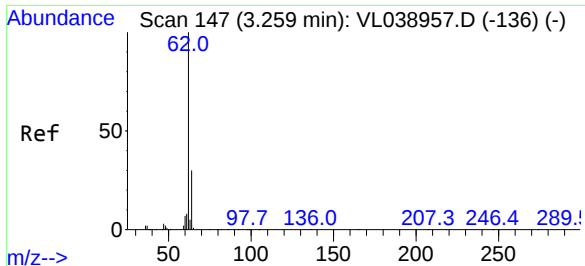


#4
Chloromethane
Concen: 9.274 ppbv
RT: 3.124 min Scan# 105
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



Tgt Ion: 50 Resp: 673826
Ion Ratio Lower Upper
50 100
52 32.6 27.3 40.9





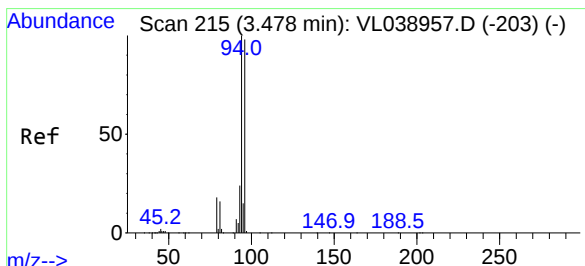
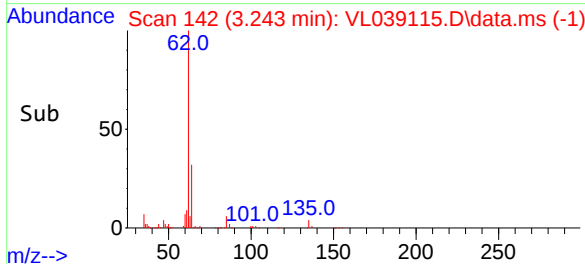
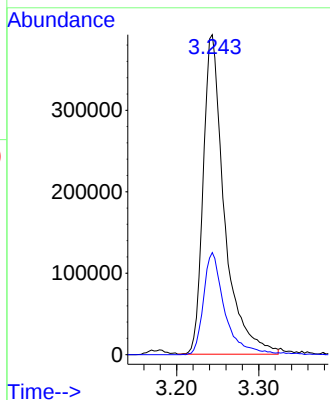
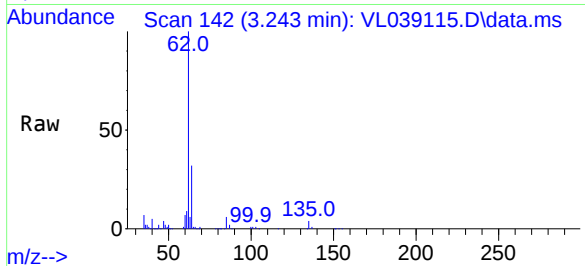
#5
 Vinyl Chloride
 Concen: 10.594 ppbv
 RT: 3.243 min Scan# 14
 Delta R.T. -0.016 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 702900
 Ion Ratio Lower Upper
 62 100
 64 31.9 24.2 36.4

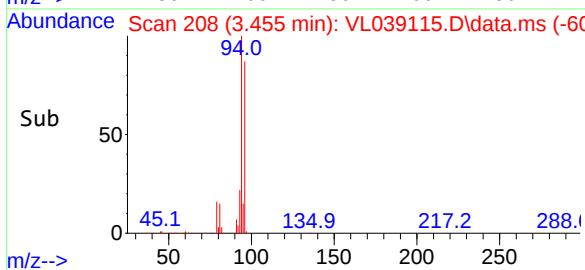
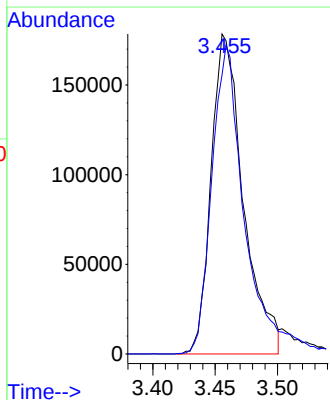
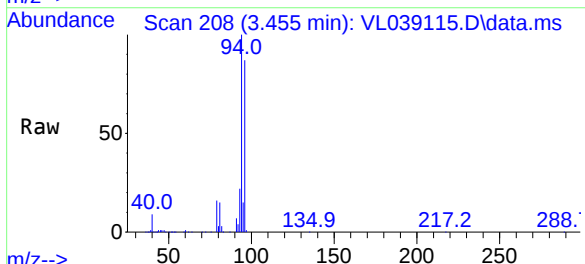
Manual Integrations
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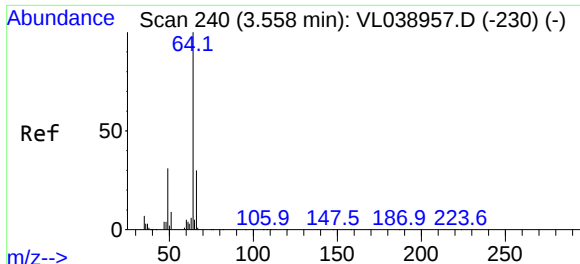
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#6
 Bromomethane
 Concen: 10.248 ppbv
 RT: 3.455 min Scan# 208
 Delta R.T. -0.023 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Tgt Ion: 94 Resp: 321204
 Ion Ratio Lower Upper
 94 100
 96 87.1 78.1 117.1





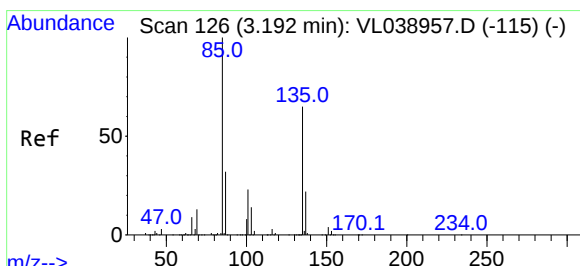
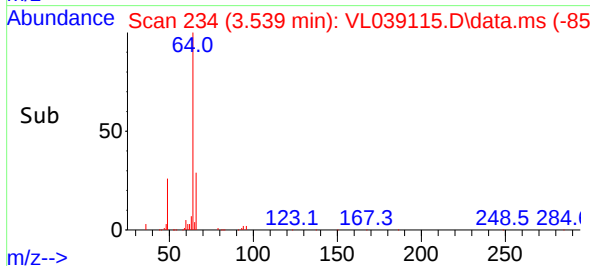
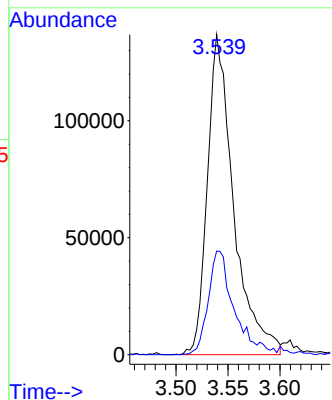
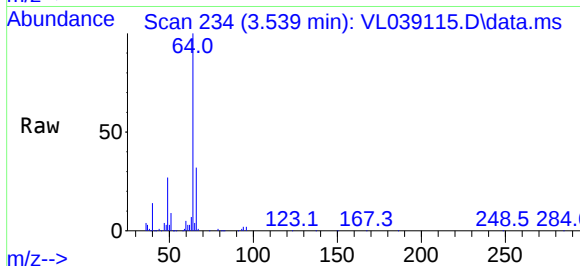
#7
Chloroethane
Concen: 10.826 ppbv
RT: 3.539 min Scan# 21
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 240420
Ion Ratio Lower Upper
64 100
66 32.4 23.8 35.8

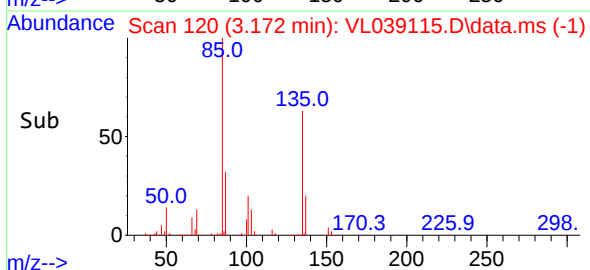
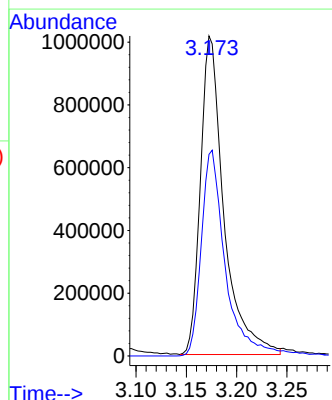
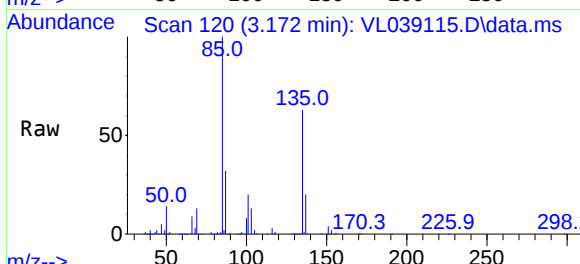
Manual Integrations
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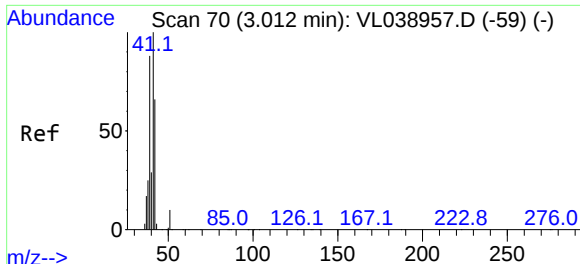
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#8
Dichlorotetrafluoroethane
Concen: 9.930 ppbv
RT: 3.172 min Scan# 120
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 85 Resp: 1648790
Ion Ratio Lower Upper
85 100
135 67.3 53.6 80.4





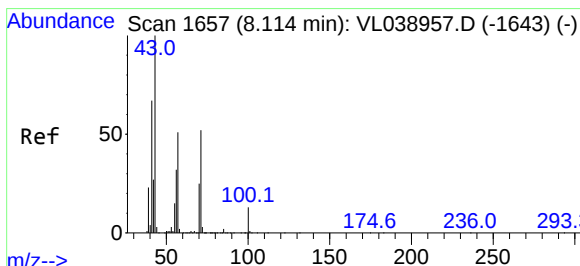
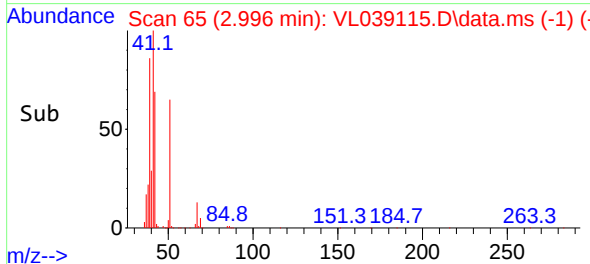
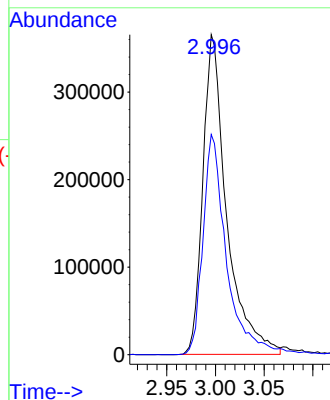
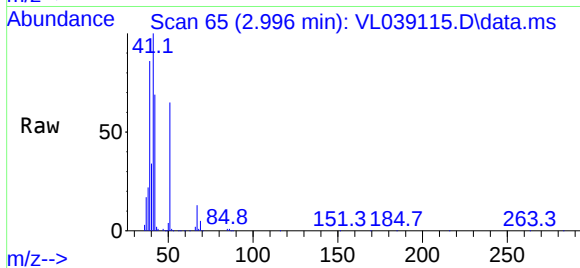
#9
 Propene
 Concen: 9.790 ppbv
 RT: 2.996 min Scan# 61
 Delta R.T. -0.016 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 62027
 Ion Ratio Lower Upper
 41 100
 42 69.0 58.3 87.5

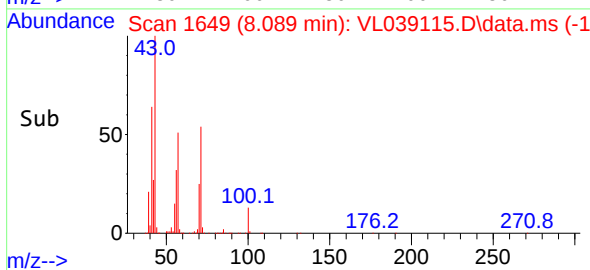
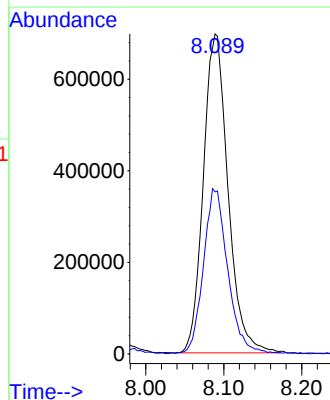
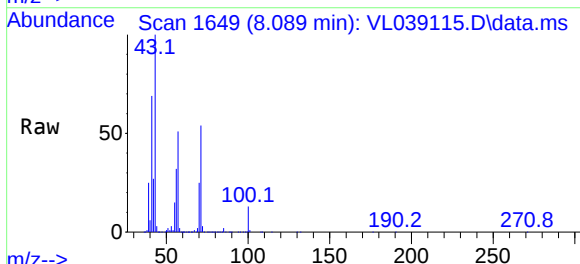
Manual Integrations
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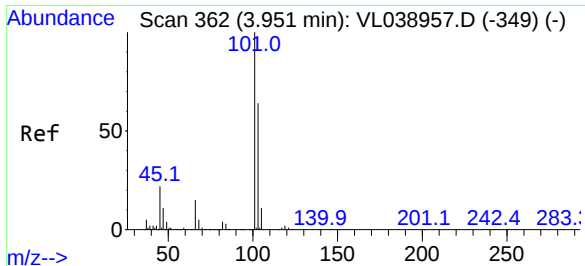
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#10
 Heptane
 Concen: 9.874 ppbv
 RT: 8.089 min Scan# 1649
 Delta R.T. -0.026 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Tgt Ion: 43 Resp: 1534828
 Ion Ratio Lower Upper
 43 100
 57 51.3 40.5 60.7





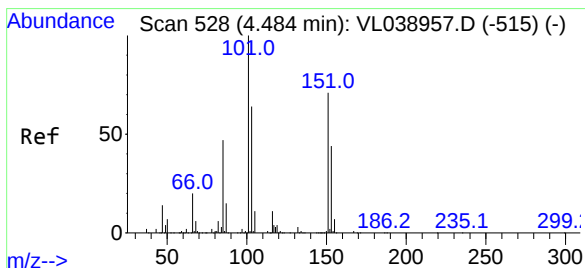
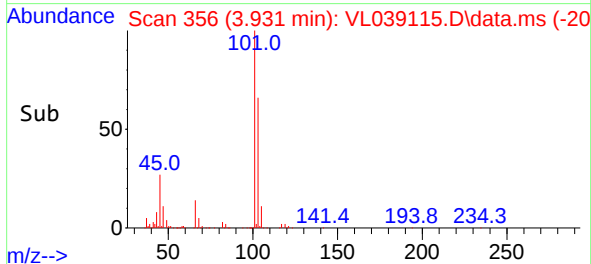
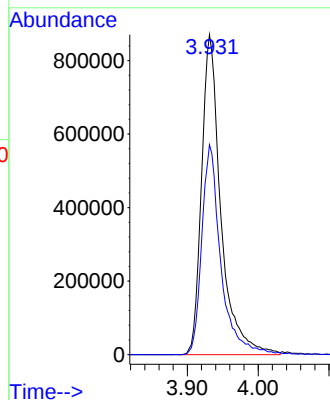
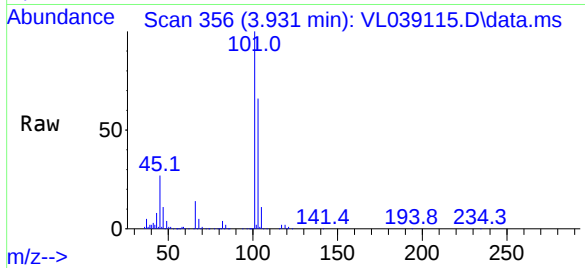
#11
Trichlorofluoromethane
Concen: 10.447 ppbv
RT: 3.931 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 164210
Ion Ratio Lower Upper
101 100
103 65.6 51.5 77.3

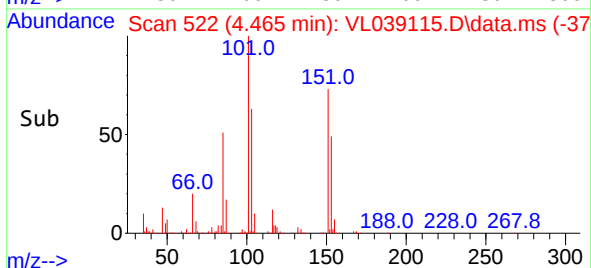
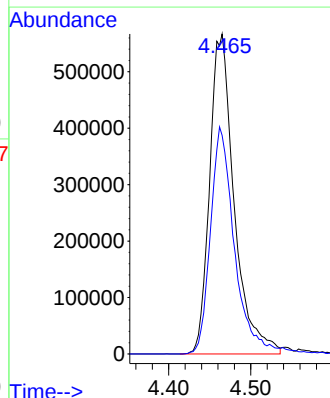
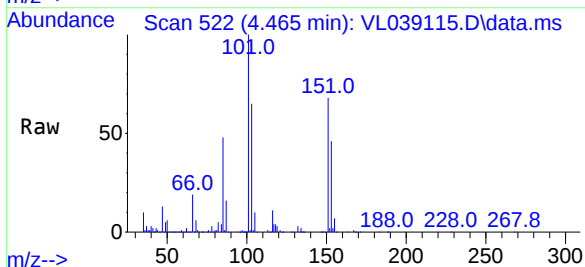
Manual Integrations
APPROVED

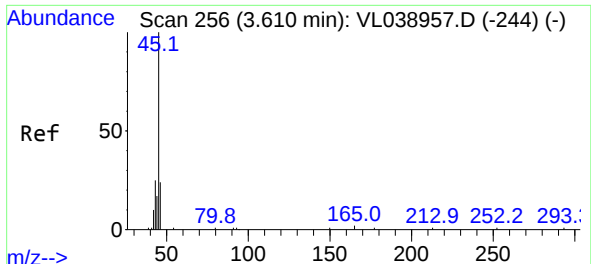
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.863 ppbv
RT: 4.465 min Scan# 522
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:101 Resp: 1176270
Ion Ratio Lower Upper
101 100
151 70.5 55.4 83.0





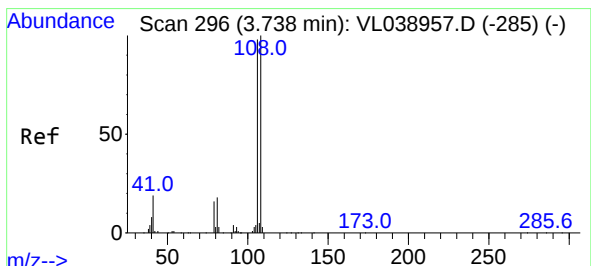
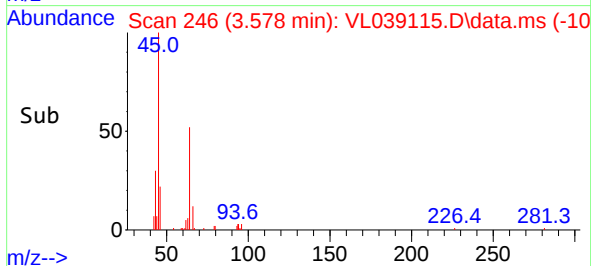
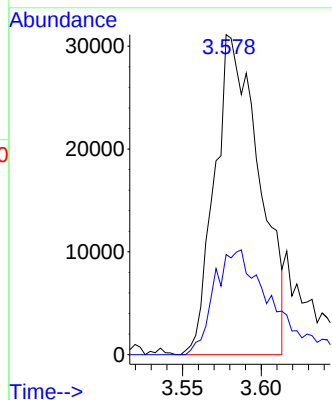
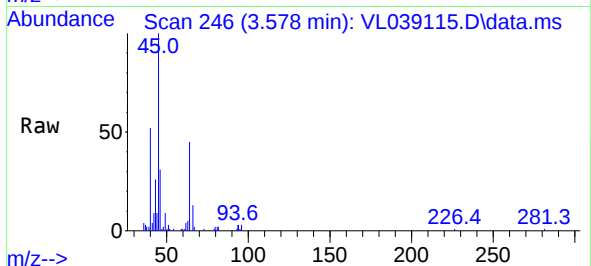
#13
Ethanol
Concen: 13.724 ppbv m
RT: 3.578 min Scan# 246
Delta R.T. -0.032 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 6153
Ion Ratio Lower Upper
45 100
46 41.8 18.0 72.2

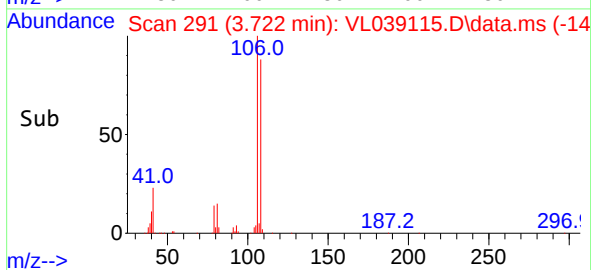
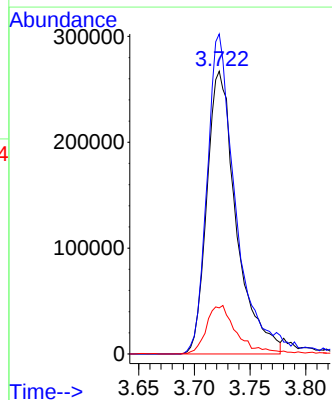
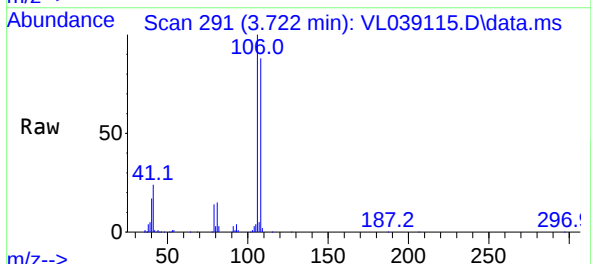
Manual Integrations
APPROVED

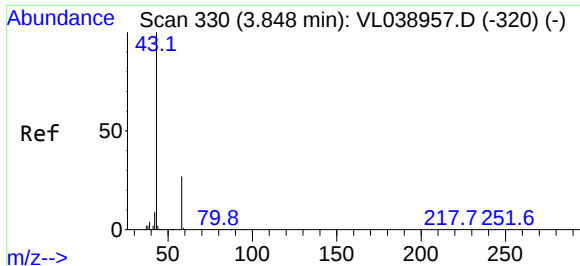
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#14
Bromoethene
Concen: 10.998 ppbv
RT: 3.722 min Scan# 291
Delta R.T. -0.016 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

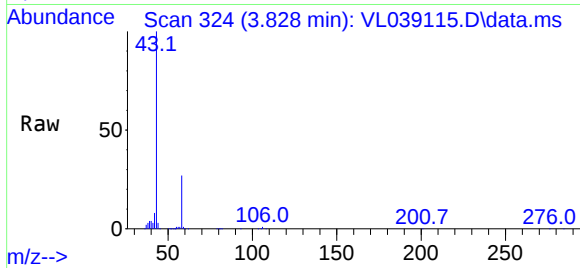
Tgt Ion:108 Resp: 491046
Ion Ratio Lower Upper
108 100
106 113.7 90.3 135.5
79 18.3 14.9 22.3





#15
Acetone
Concen: 10.393 ppbv
RT: 3.828 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

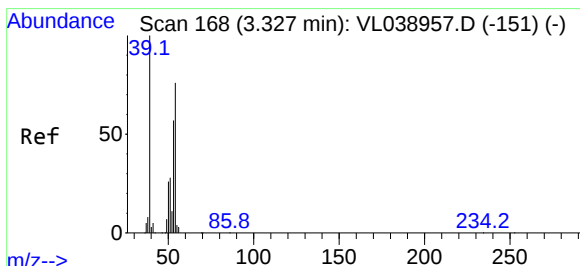
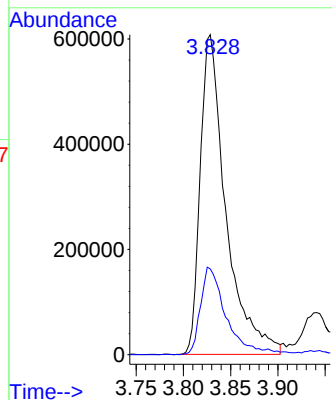
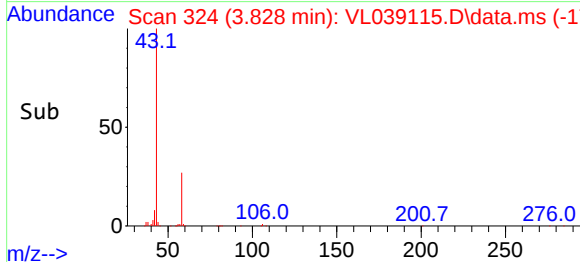
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1146320
Ion Ratio Lower Upper
43 100
58 27.4 21.3 31.9

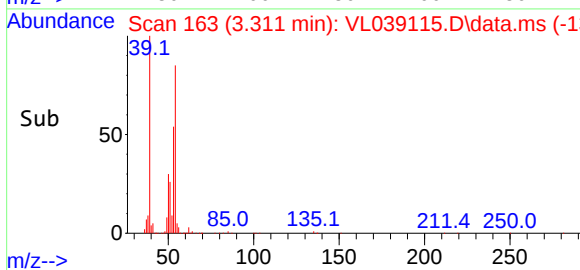
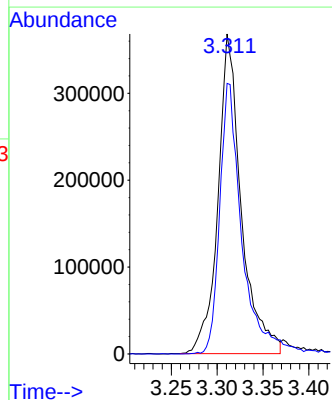
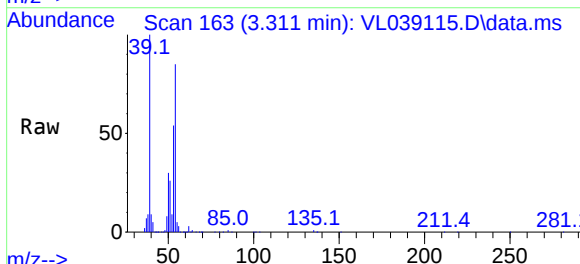
Manual Integrations
APPROVED

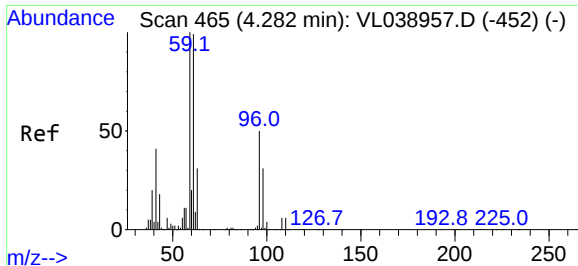
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#16
1,3-Butadiene
Concen: 10.276 ppbv
RT: 3.311 min Scan# 163
Delta R.T. -0.016 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 39 Resp: 651194
Ion Ratio Lower Upper
39 100
54 81.9 65.2 97.8





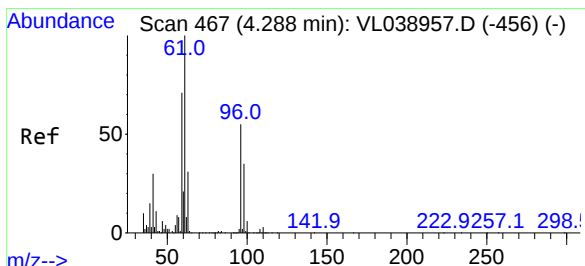
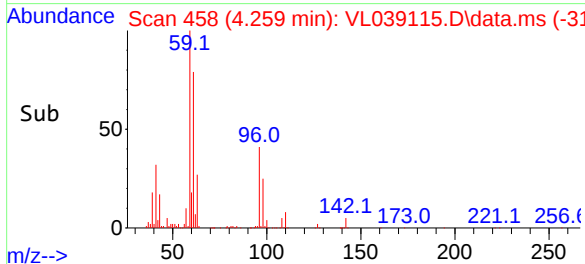
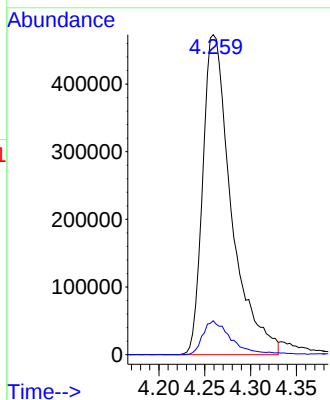
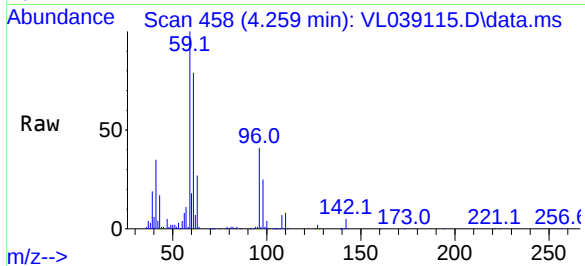
#17
tert-Butyl alcohol
Concen: 12.059 ppbv
RT: 4.259 min Scan# 411
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1022259
Ion Ratio Lower Upper
59 100
57 10.8 9.2 13.8

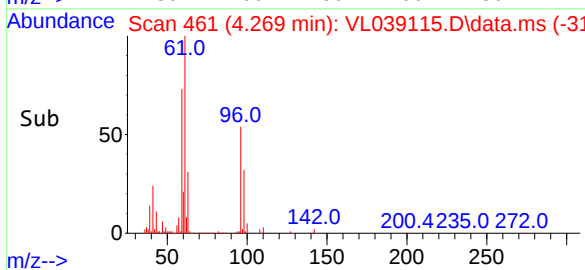
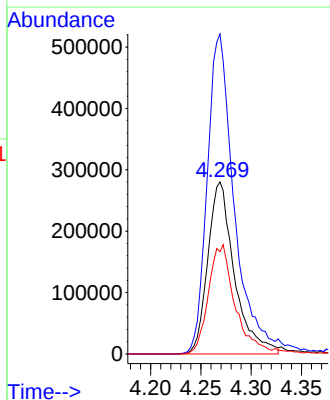
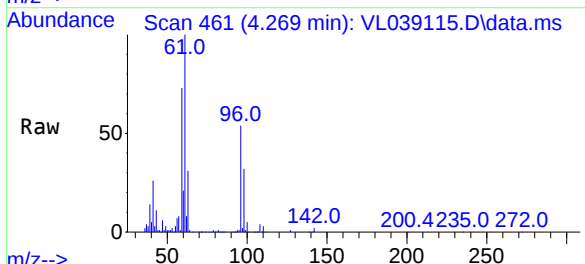
Manual Integrations
APPROVED

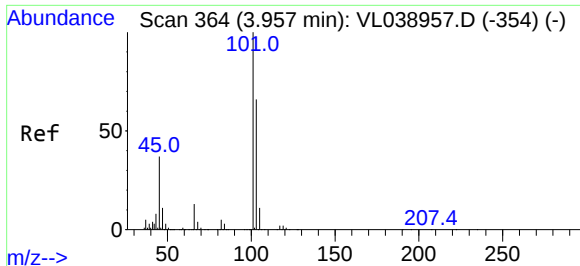
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#18
1,1-Dichloroethene
Concen: 11.090 ppbv
RT: 4.269 min Scan# 461
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 96 Resp: 516813
Ion Ratio Lower Upper
96 100
61 186.1 146.3 219.5
98 59.6 50.6 75.8





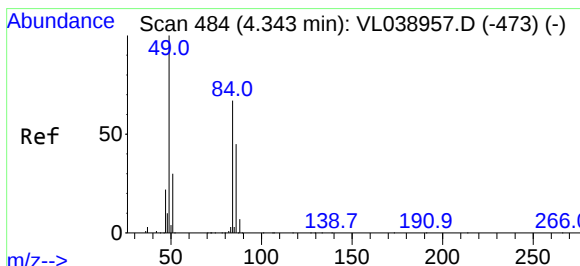
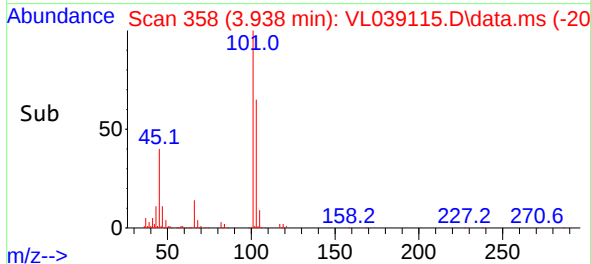
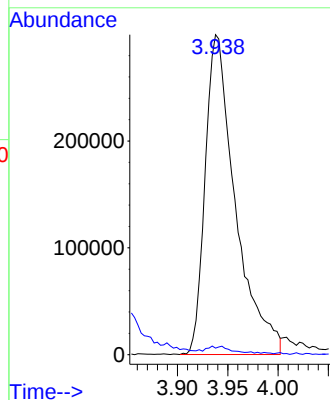
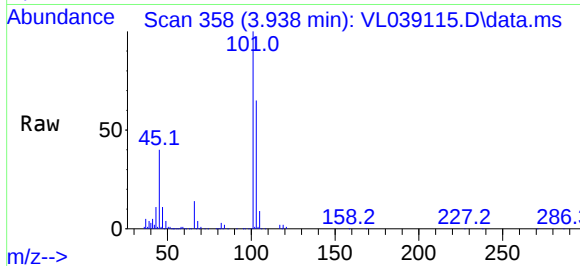
#19
Isopropyl Alcohol
Concen: 11.907 ppbv
RT: 3.938 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 624400
Ion Ratio Lower Upper
45 100
58 2.2 1.4 2.2

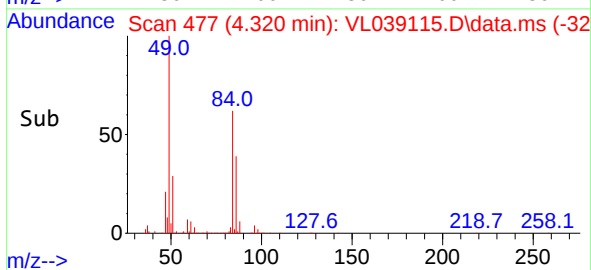
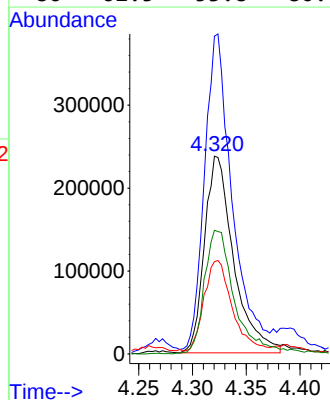
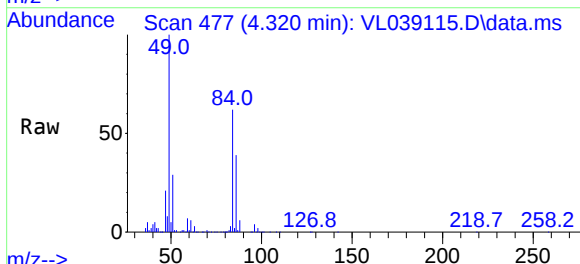
Manual Integrations
APPROVED

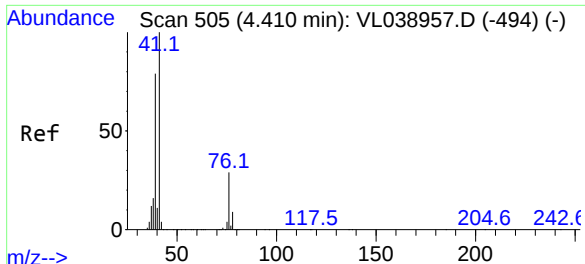
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#20
Methylene Chloride
Concen: 10.782 ppbv
RT: 4.320 min Scan# 477
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 84 Resp: 448208
Ion Ratio Lower Upper
84 100
49 159.3 119.9 179.9
51 44.7 35.7 53.5
86 62.5 53.8 80.6





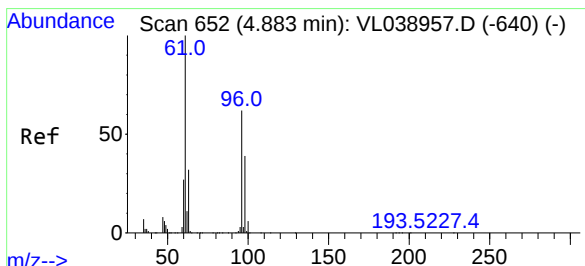
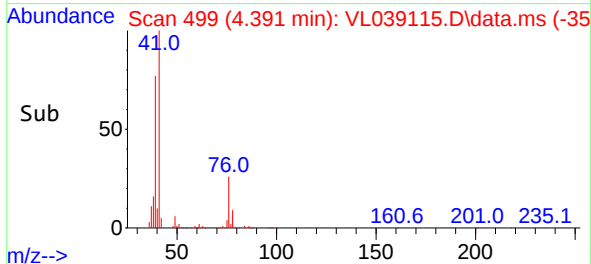
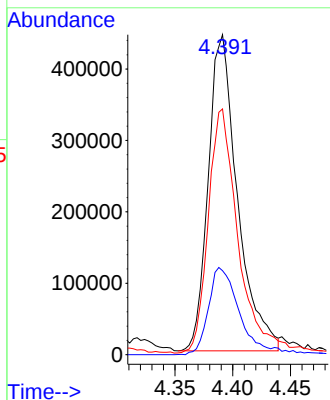
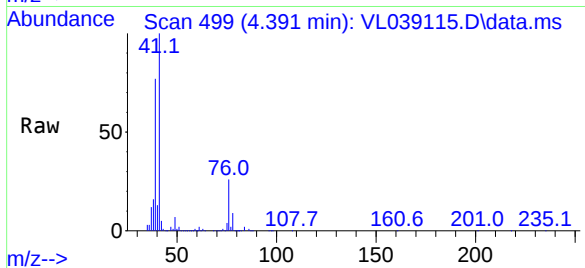
#21
 Allyl Chloride
 Concen: 10.402 ppbv
 RT: 4.391 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 78178
 Ion Ratio Lower Upper
 41 100
 76 29.8 24.2 36.4
 39 80.5 63.8 95.8

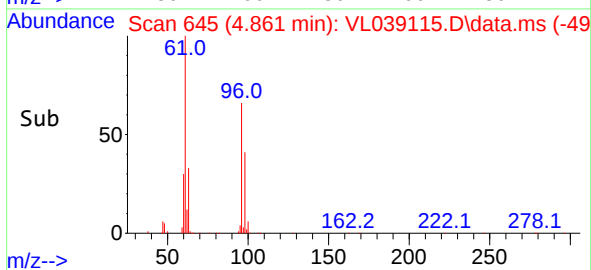
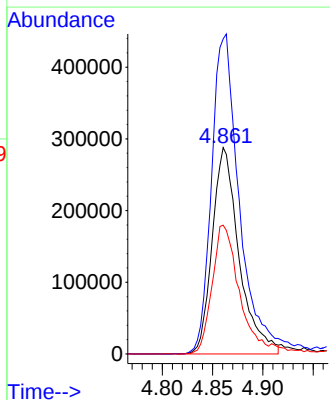
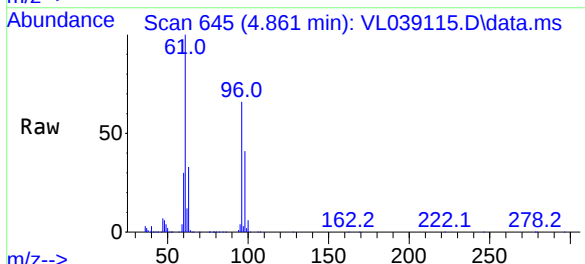
Manual Integrations
 APPROVED

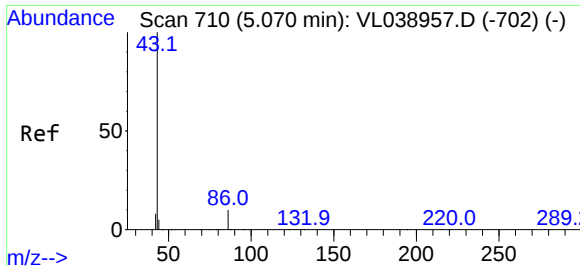
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.639 ppbv
 RT: 4.861 min Scan# 645
 Delta R.T. -0.023 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Tgt Ion: 96 Resp: 535521
 Ion Ratio Lower Upper
 96 100
 61 152.6 128.2 192.2
 98 62.4 50.1 75.1





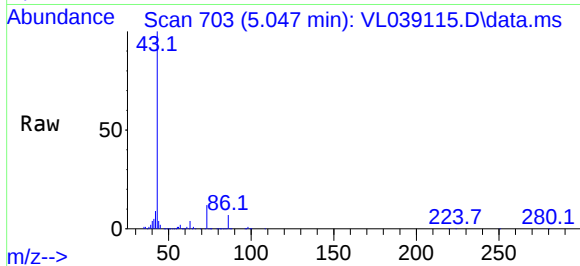
#23
 Vinyl Acetate
 Concen: 9.362 ppbv
 RT: 5.047 min Scan# 703
 Delta R.T. -0.023 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

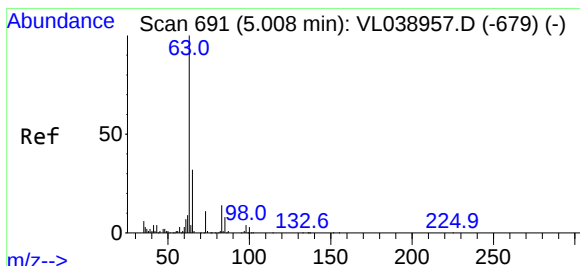
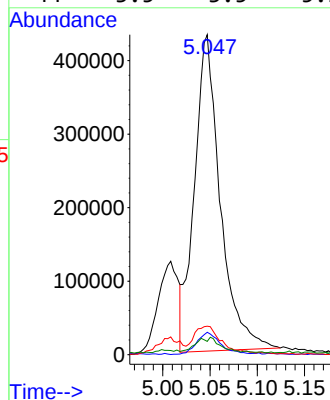
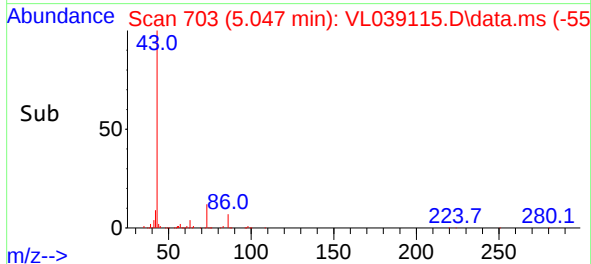


Tgt Ion: 43 Resp: 817009
 Ion Ratio Lower Upper
 43 100
 86 7.0 6.6 9.8
 42 8.7 8.1 12.1
 44 3.5 3.5 5.3#

Manual Integrations

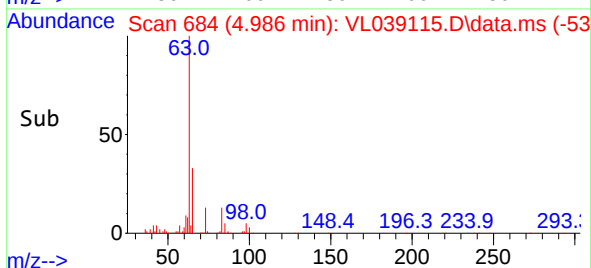
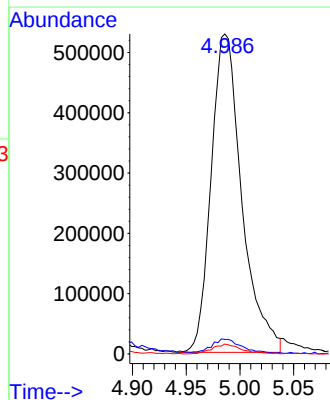
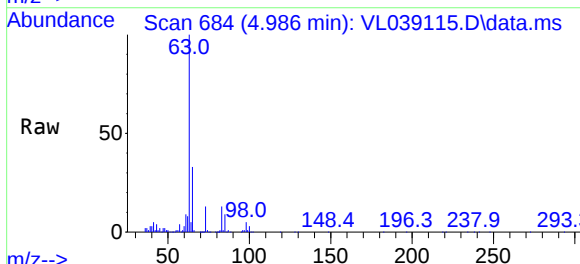
APPROVED

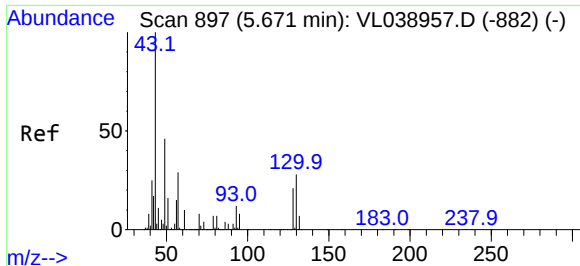
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#24
 1,1-Dichloroethane
 Concen: 10.426 ppbv
 RT: 4.986 min Scan# 684
 Delta R.T. -0.023 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Tgt Ion: 63 Resp: 1047693
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.2
 100 3.1 1.4 4.2





#25
Ethyl Acetate
Concen: 11.381 ppbv
RT: 5.648 min Scan# 891
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

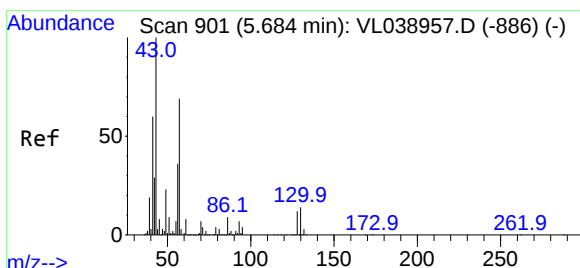
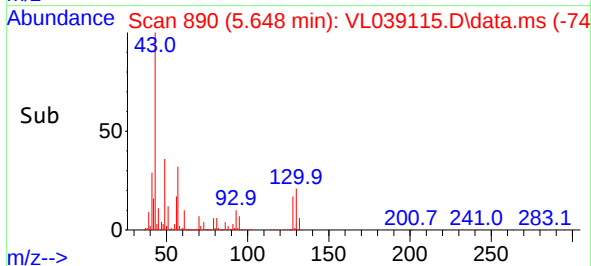
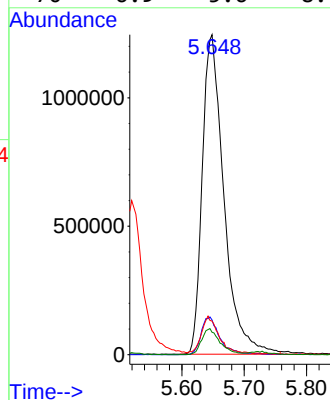
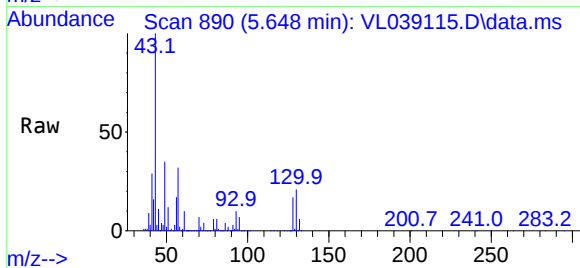
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 300440

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	10.2	7.8	11.6
70	6.9	5.6	8.4

Manual Integrations
APPROVED

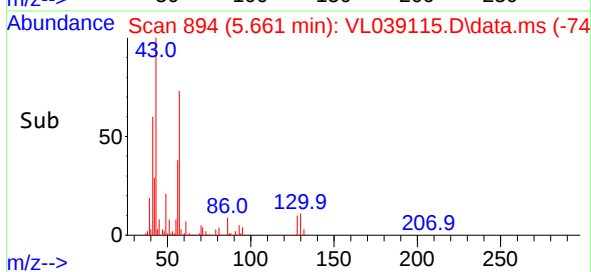
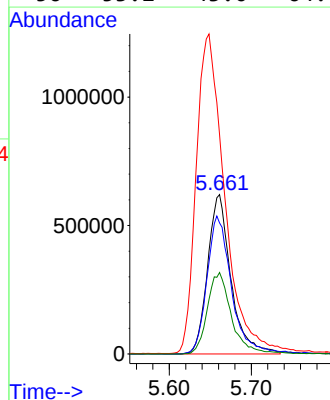
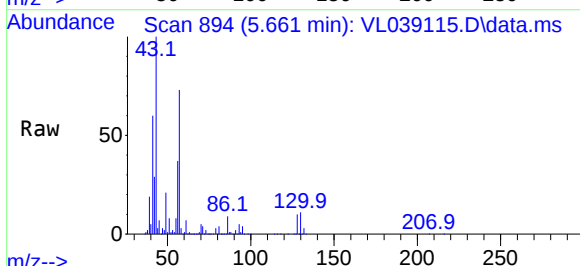
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

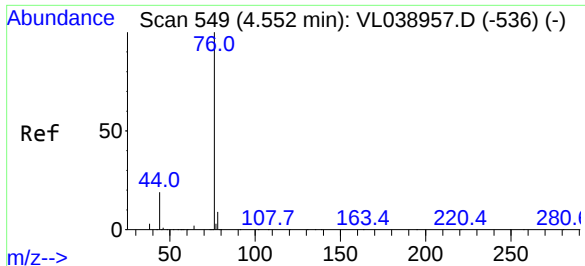


#26
Hexane
Concen: 10.455 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 57 Resp: 1226296

Ion	Ratio	Lower	Upper
57	100		
41	91.8	75.2	112.8
43	248.4	190.8	286.2
56	53.2	43.0	64.6





#27

Carbon Disulfide

Concen: 11.238 ppbv

RT: 4.529 min Scan# 549

Delta R.T. -0.023 min

Lab File: VL039115.D

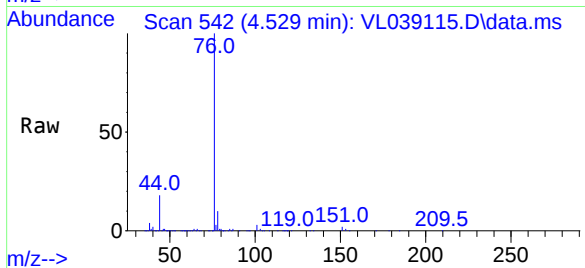
Acq: 25 May 2022 12:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 76 Resp: 1252124

Ion Ratio Lower Upper

76 100

44 18.8 15.3 22.9

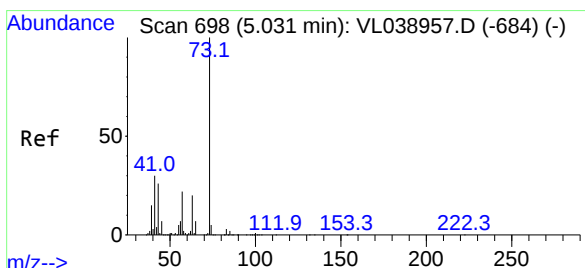
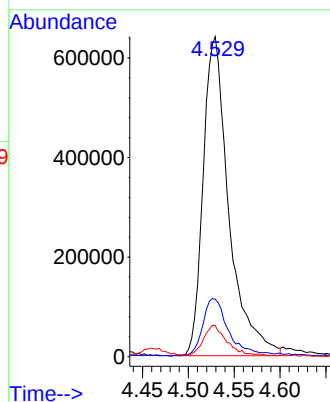
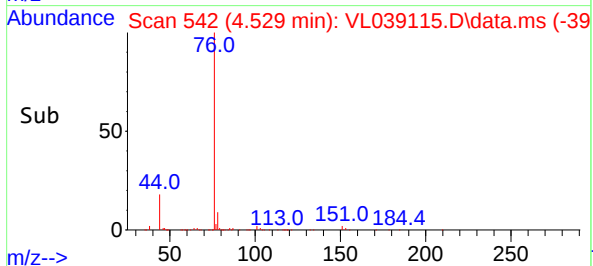
78 10.2 8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022



#28

Methyl tert-Butyl Ether

Concen: 11.162 ppbv

RT: 5.008 min Scan# 691

Delta R.T. -0.023 min

Lab File: VL039115.D

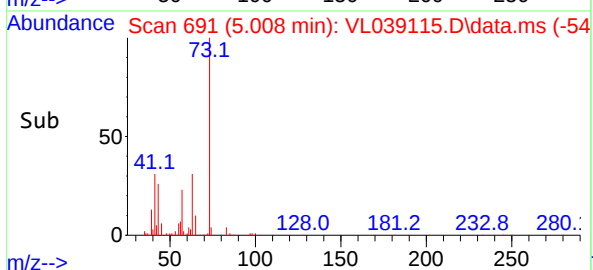
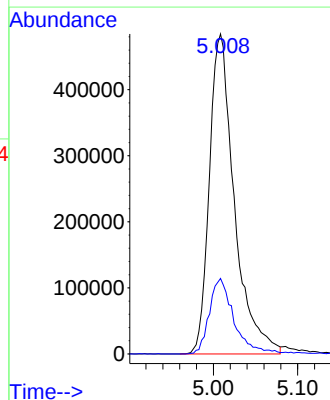
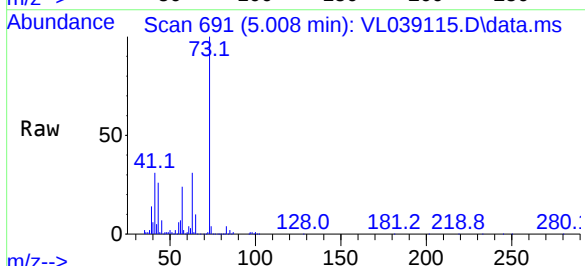
Acq: 25 May 2022 12:57

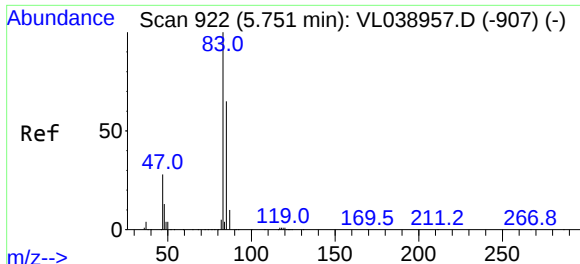
Tgt Ion: 73 Resp: 996100

Ion Ratio Lower Upper

73 100

57 23.8 18.8 28.2





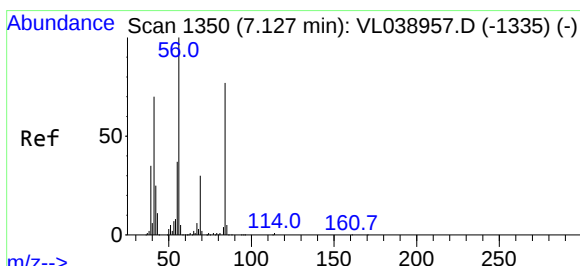
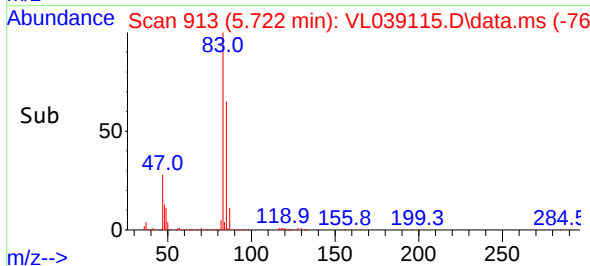
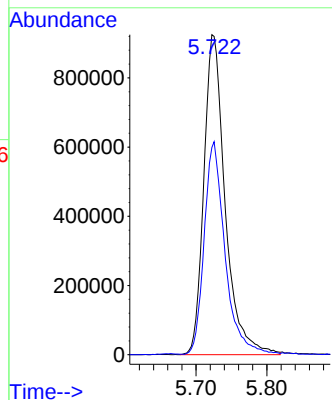
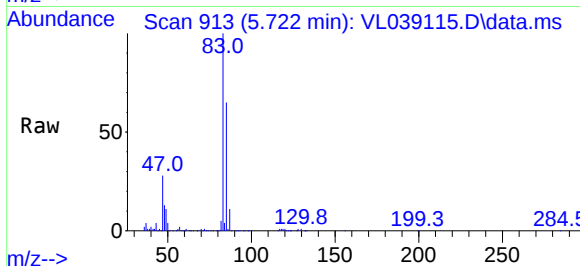
#29
Chloroform
Concen: 10.185 ppbv
RT: 5.722 min Scan# 91
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 193282
Ion Ratio Lower Upper
83 100
85 64.6 51.8 77.6

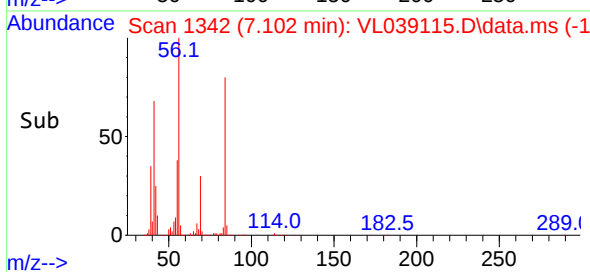
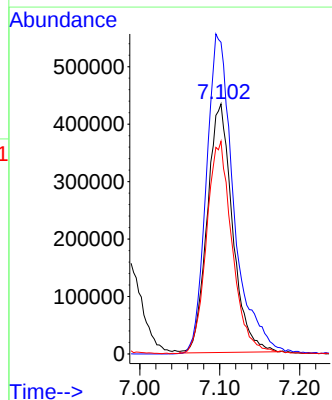
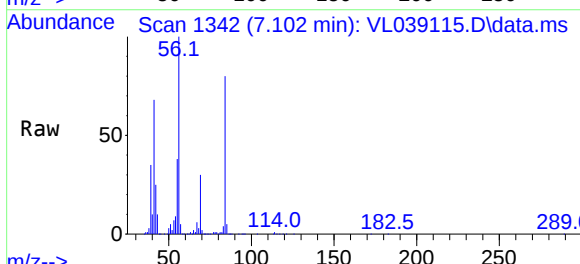
Manual Integrations
APPROVED

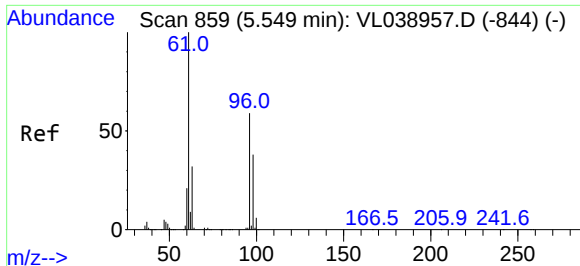
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#30
Cyclohexane
Concen: 9.689 ppbv
RT: 7.102 min Scan# 1342
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 84 Resp: 951494
Ion Ratio Lower Upper
84 100
56 140.6 115.3 172.9
41 88.1 72.0 108.0





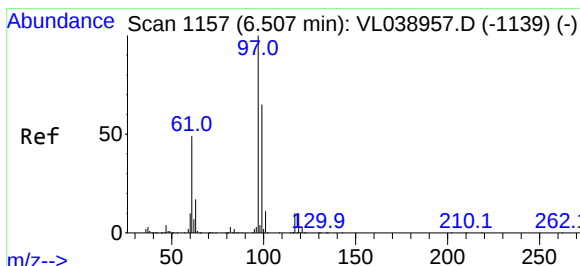
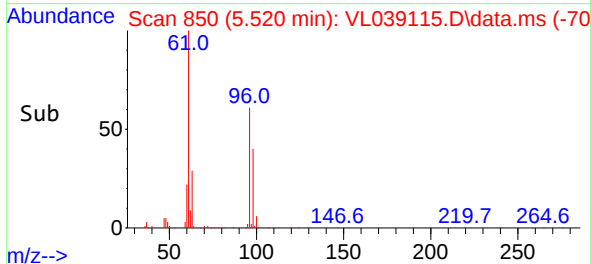
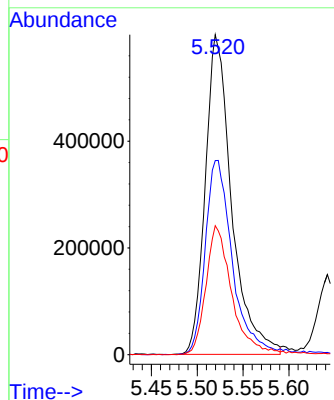
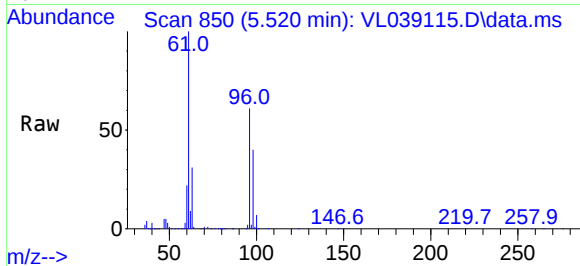
#31
cis-1,2-Dichloroethene
Concen: 10.033 ppbv
RT: 5.520 min Scan# 81
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1198862
Ion Ratio Lower Upper
61 100
96 60.5 47.4 71.0
98 40.2 30.6 45.8

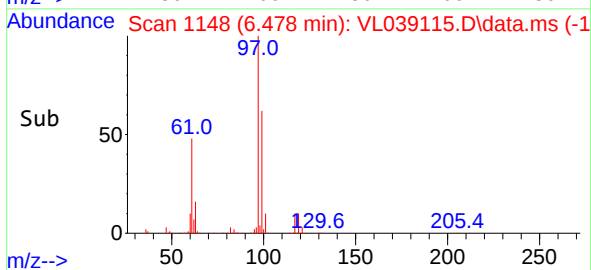
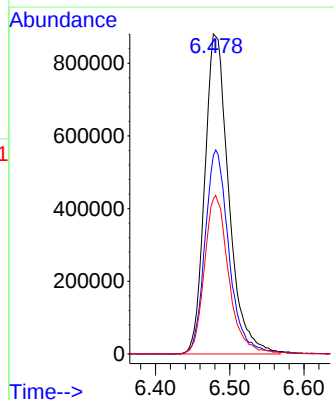
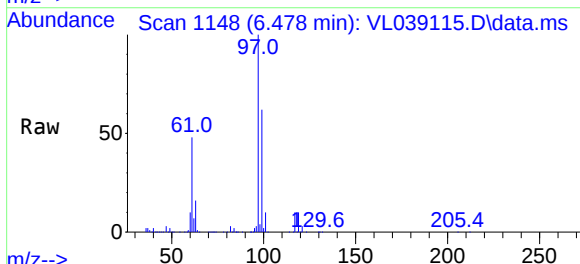
Manual Integrations
APPROVED

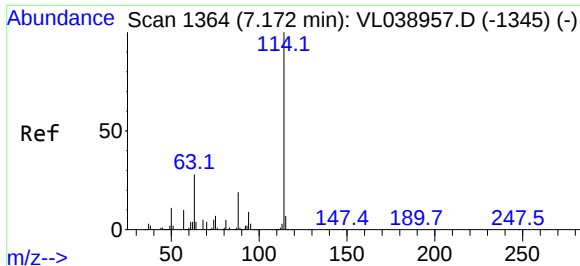
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#32
1,1,1-Trichloroethane
Concen: 10.432 ppbv
RT: 6.478 min Scan# 1148
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 97 Resp: 1979452
Ion Ratio Lower Upper
97 100
99 63.8 51.9 77.9
61 49.8 40.9 61.3





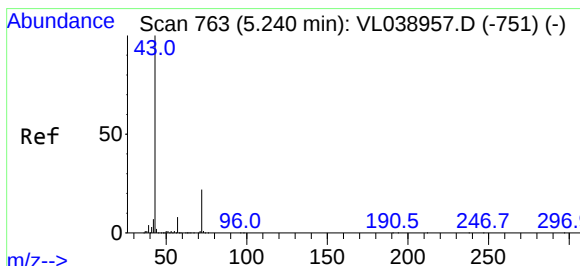
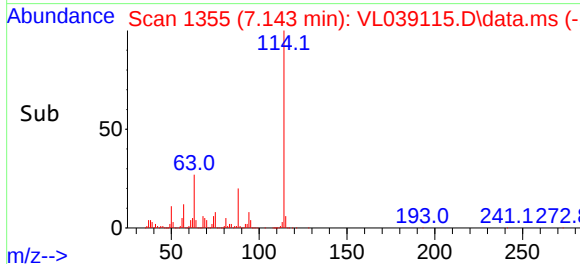
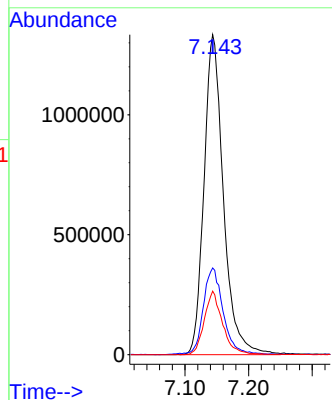
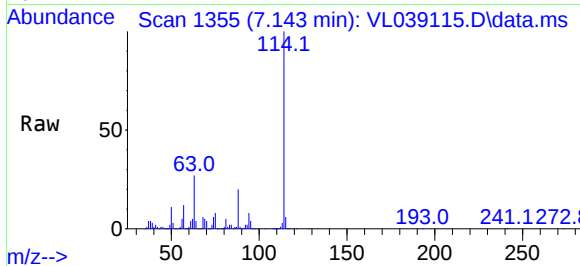
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.143 min Scan# 114
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:114 Resp: 2826970
Ion Ratio Lower Upper
114 100
63 27.9 22.6 33.8
88 18.8 15.4 23.0

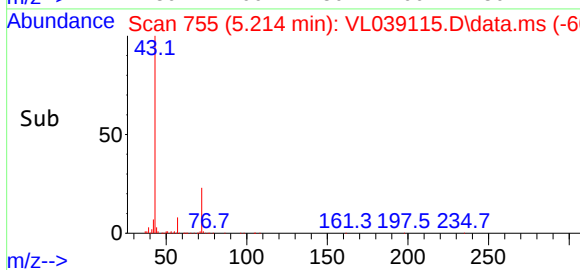
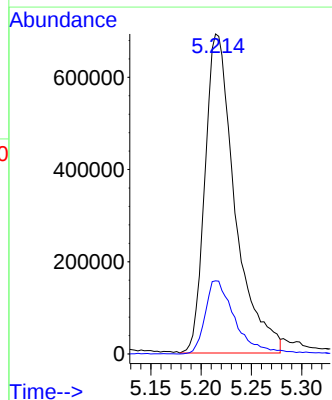
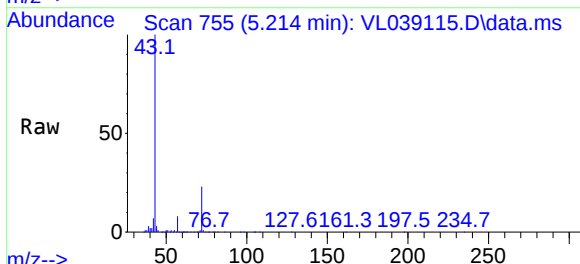
Manual Integrations
APPROVED

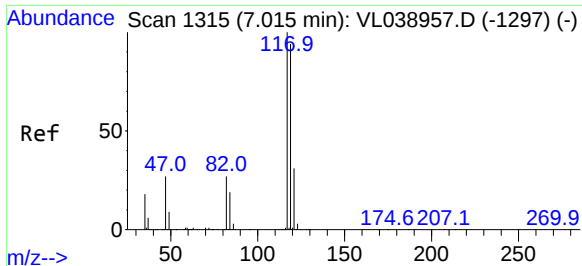
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#34
2-Butanone
Concen: 9.963 ppbv
RT: 5.214 min Scan# 755
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

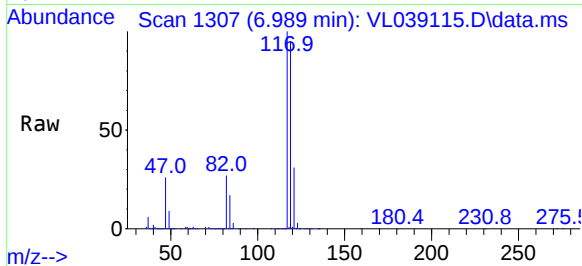
Tgt Ion: 43 Resp: 1436952
Ion Ratio Lower Upper
43 100
72 23.5 17.8 26.6





#35
Carbon Tetrachloride
Concen: 10.768 ppbv
RT: 6.989 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

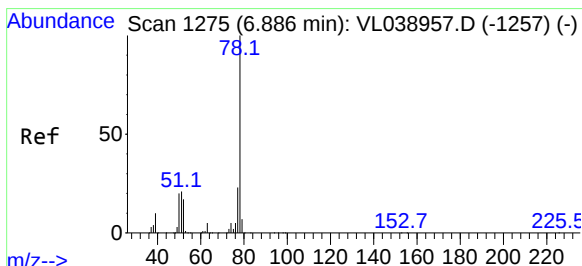
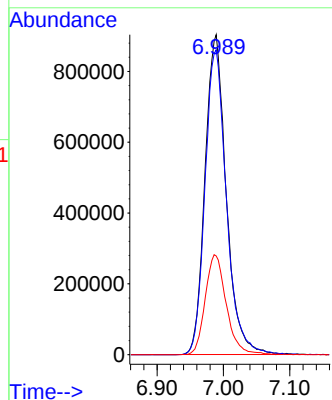
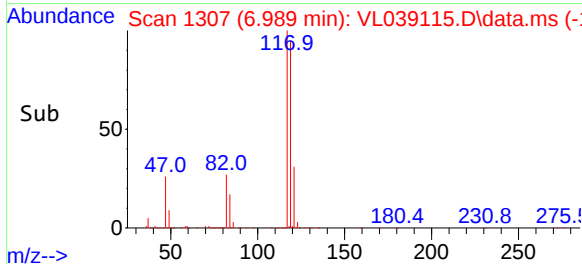
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



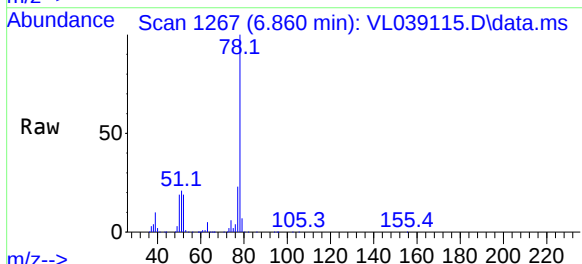
Tgt Ion: 117 Resp: 2005774
Ion Ratio Lower Upper
117 100
119 95.3 75.2 112.8
121 30.8 24.6 37.0

Manual Integrations
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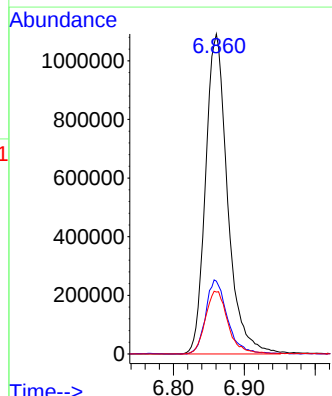
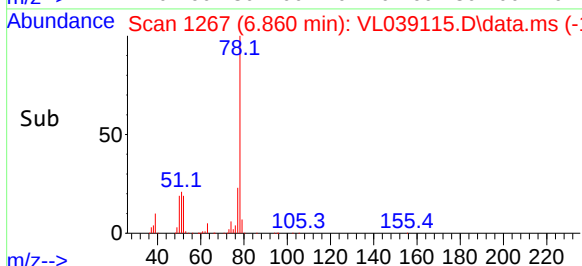
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

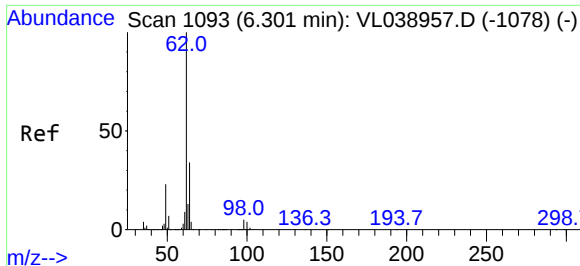


#36
Benzene
Concen: 9.725 ppbv
RT: 6.860 min Scan# 1267
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



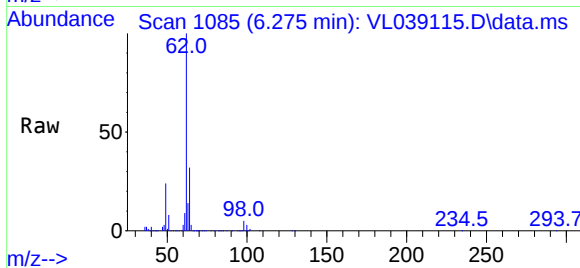
Tgt Ion: 78 Resp: 2352746
Ion Ratio Lower Upper
78 100
77 22.7 18.6 28.0
50 19.3 15.6 23.4





#37
1,2-Dichloroethane
Concen: 10.197 ppbv
RT: 6.275 min Scan# 1085
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

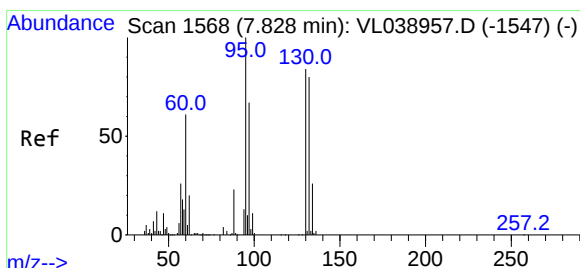
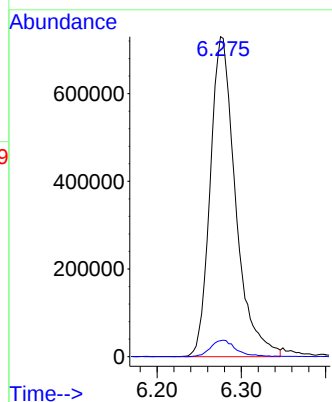
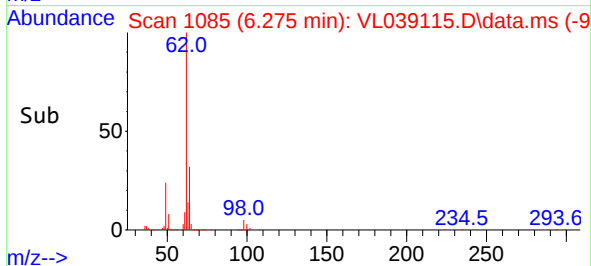
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1526338
Ion Ratio Lower Upper
62 100
98 5.4 4.5 6.7

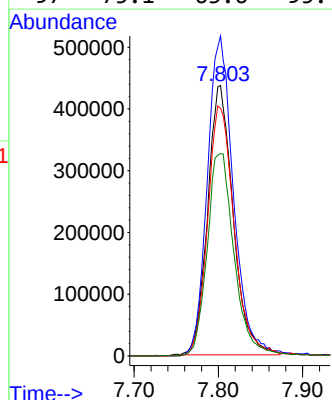
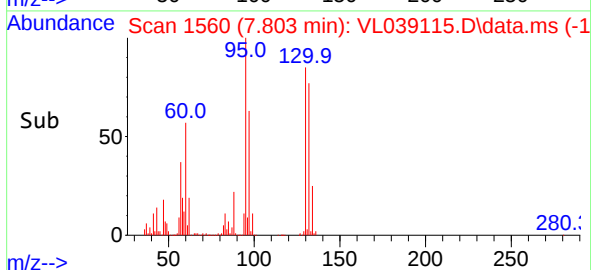
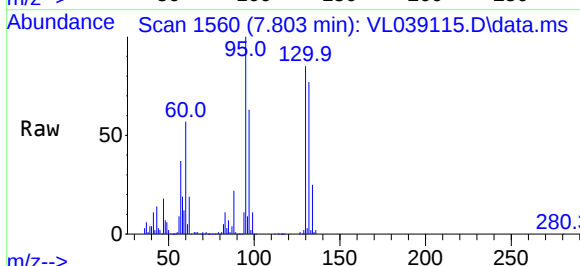
Manual Integrations
APPROVED

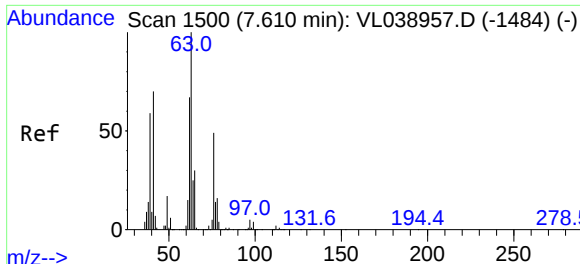
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#38
Trichloroethene
Concen: 8.540 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

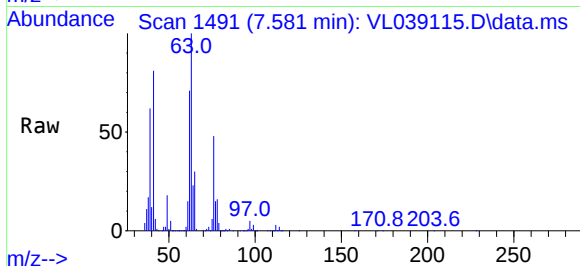
Tgt Ion:130 Resp: 918439
Ion Ratio Lower Upper
130 100
95 118.7 94.8 142.2
132 91.9 75.8 113.8
97 75.1 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.970 ppbv
RT: 7.581 min Scan# 14
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

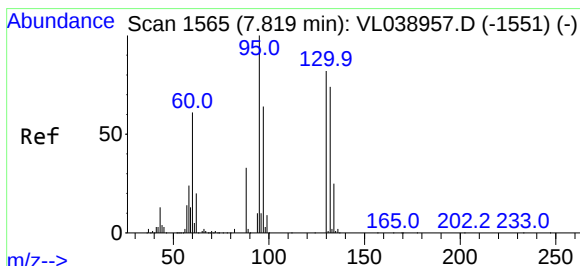
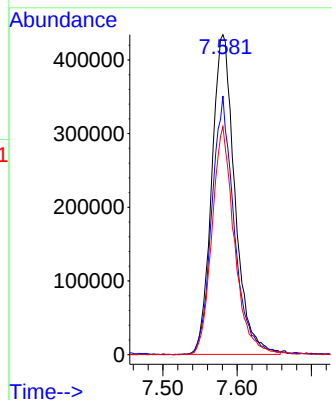
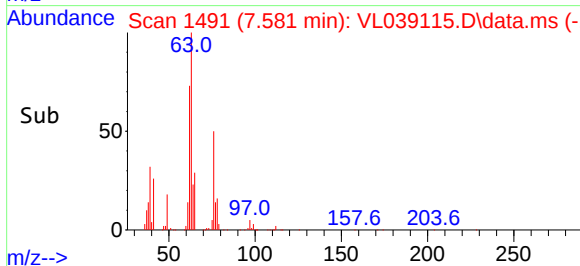
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



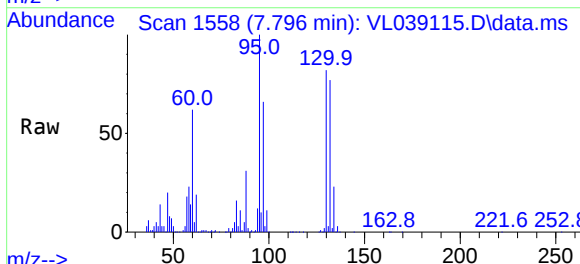
Tgt Ion: 63 Resp: 938500
Ion Ratio Lower Upper
63 100
41 80.8 55.9 83.9
62 71.4 53.8 80.6

Manual Integrations
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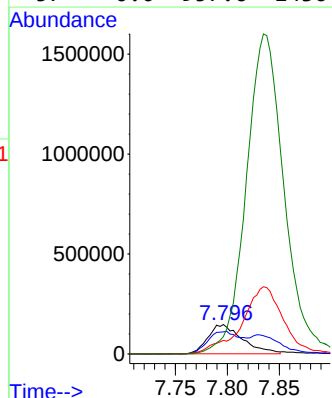
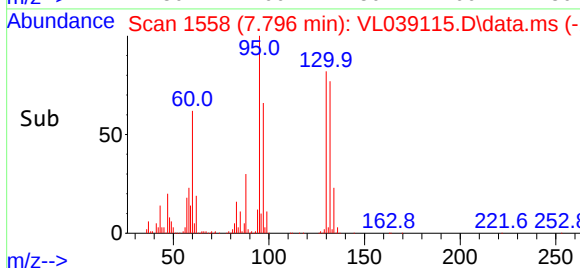
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

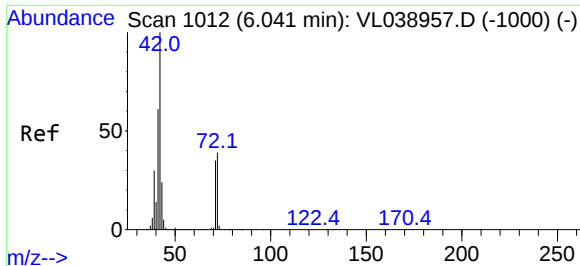


#40
1,4-Dioxane
Concen: 9.944 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



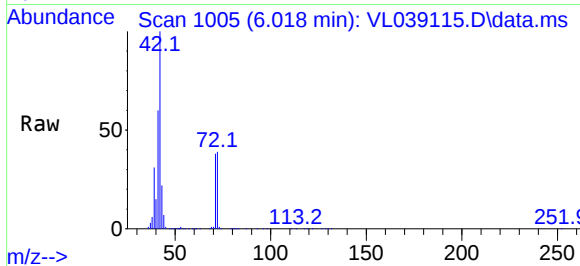
Tgt Ion: 88 Resp: 336198
Ion Ratio Lower Upper
88 100
58 74.5 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 9.866 ppbv
RT: 6.018 min Scan# 1012
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

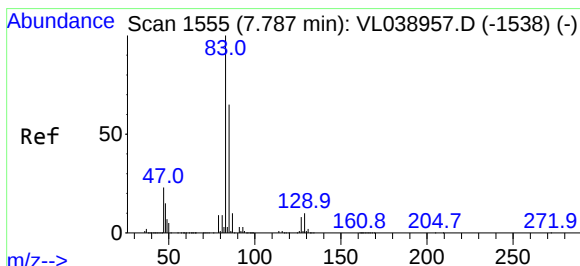
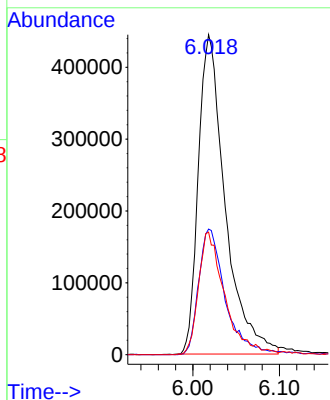
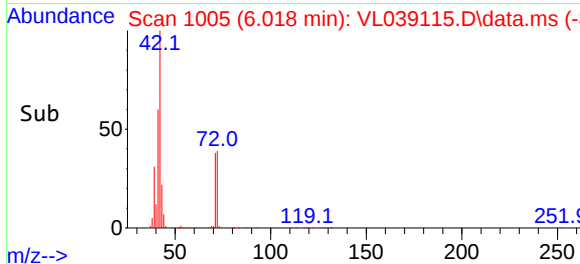
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 95635
Ion Ratio Lower Upper
42 100
72 40.0 31.8 47.6
71 38.4 30.6 45.8

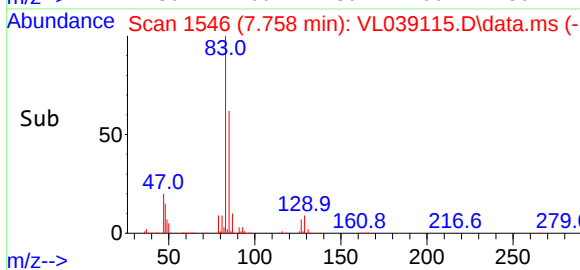
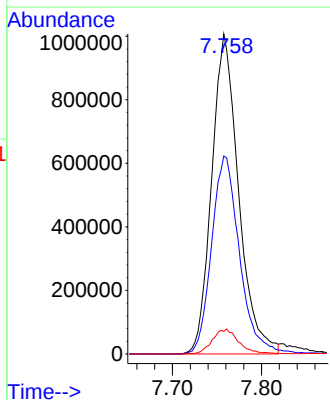
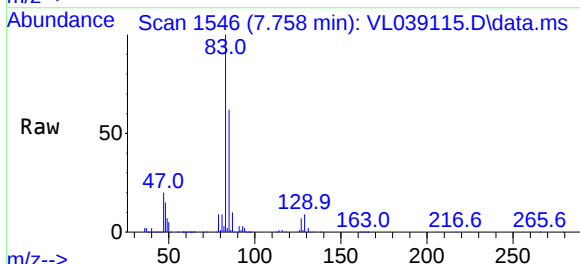
Manual Integrations
APPROVED

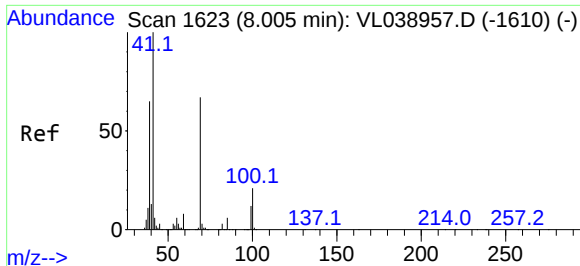
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#42
Bromodichloromethane
Concen: 10.335 ppbv
RT: 7.758 min Scan# 1546
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 83 Resp: 2114952
Ion Ratio Lower Upper
83 100
85 61.9 52.0 78.0
127 7.1 6.0 9.0





#43
Methyl Methacrylate
Concen: 10.383 ppbv
RT: 7.979 min Scan# 1615
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :

MSVOA_L

ClientSampleId :

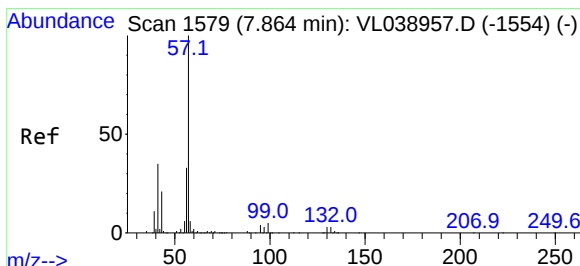
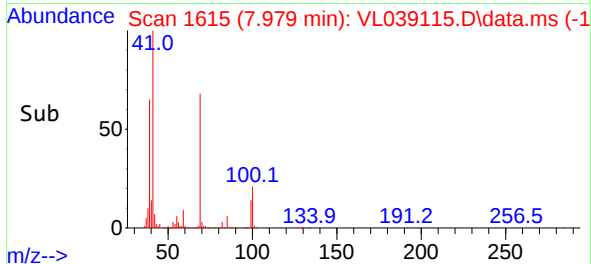
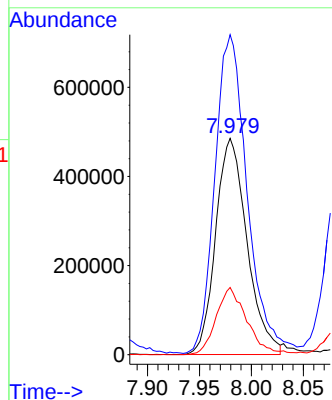
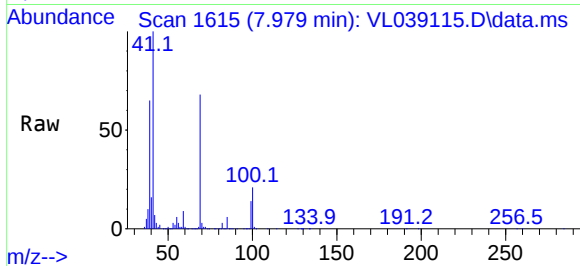
VSTDCCC010

Tgt Ion: 69 Resp: 101980
Ion Ratio Lower Upper
69 100
41 153.0 121.9 182.9
100 30.8 24.6 36.8

Manual Integrations

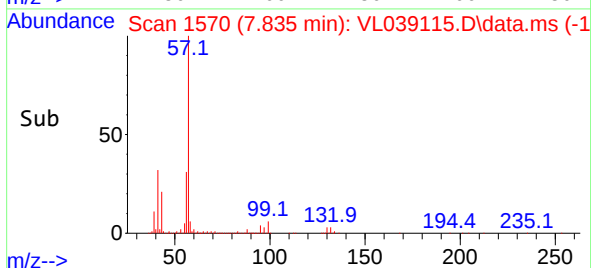
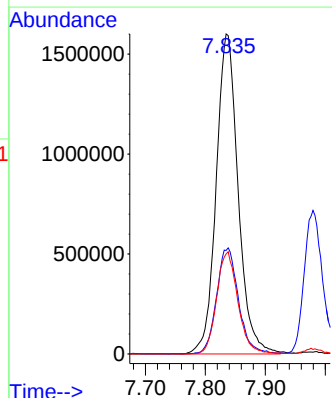
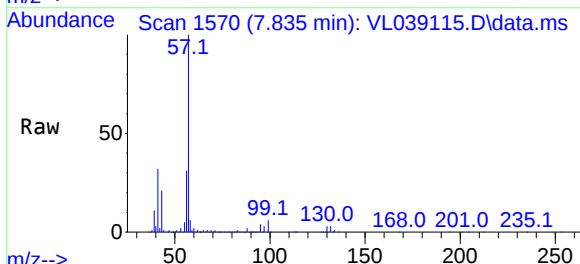
APPROVED

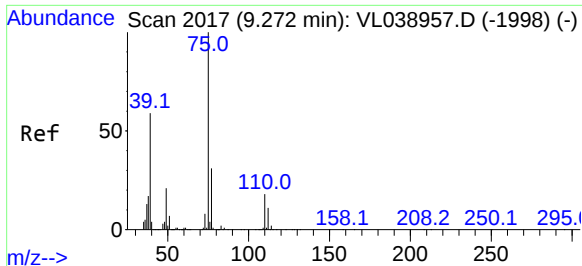
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#44
2,2,4-Trimethylpentane
Concen: 9.570 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

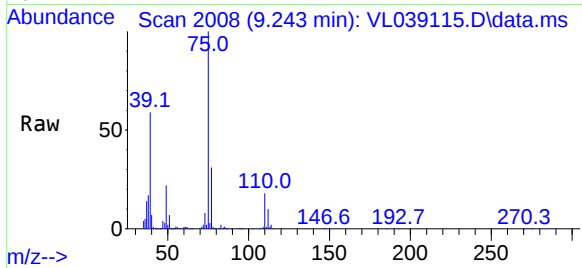
Tgt Ion: 57 Resp: 4062683
Ion Ratio Lower Upper
57 100
41 33.2 26.3 39.5
56 30.9 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 8.729 ppbv
RT: 9.243 min Scan# 2017
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

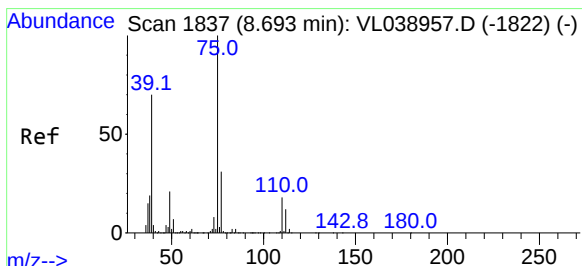
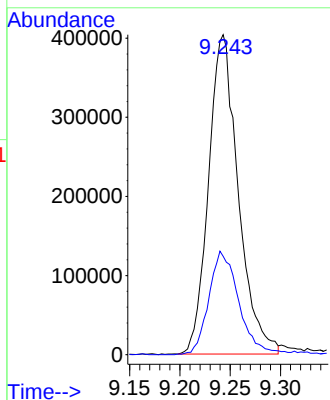
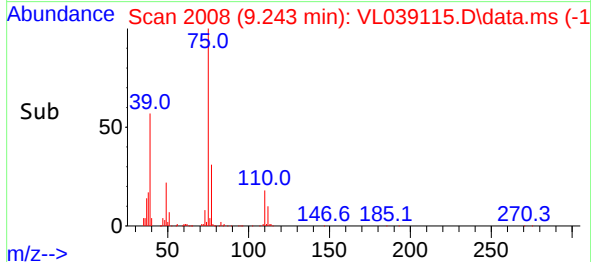
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



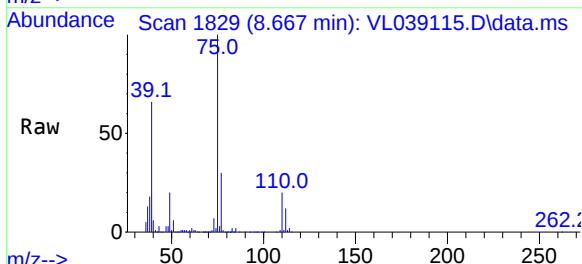
Tgt Ion: 75 Resp: 829840
Ion Ratio Lower Upper
75 100
77 30.7 24.6 37.0

Manual Integrations
APPROVED

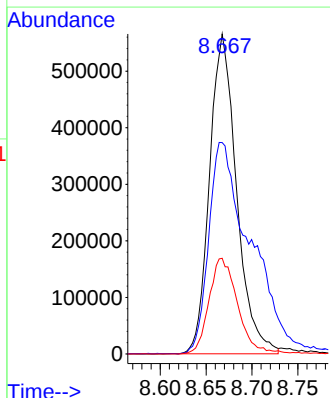
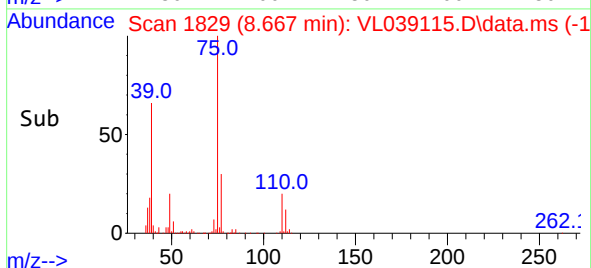
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

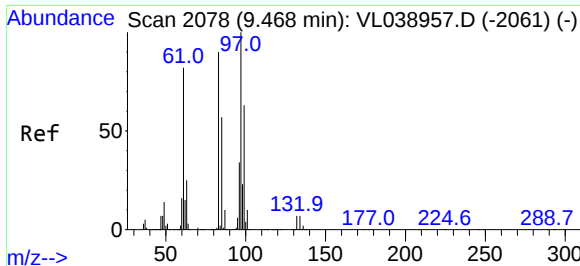


#46
cis-1,3-Dichloropropene
Concen: 9.195 ppbv
RT: 8.667 min Scan# 1829
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



Tgt Ion: 75 Resp: 1159323
Ion Ratio Lower Upper
75 100
39 66.1 55.8 83.6
77 29.9 24.8 37.2





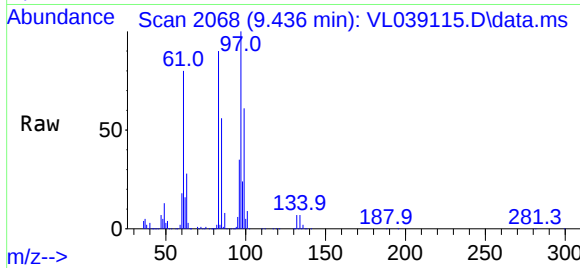
#47
1,1,2-Trichloroethane
Concen: 9.861 ppbv
RT: 9.436 min Scan# 2078
Delta R.T. -0.032 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

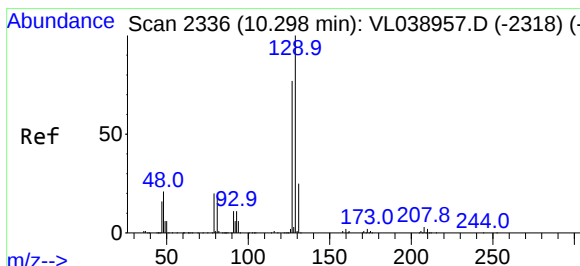
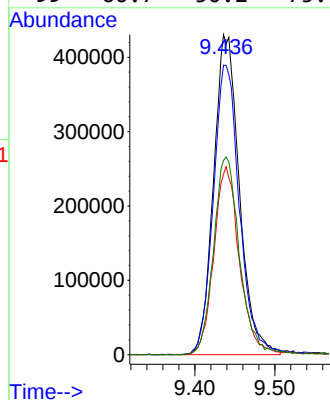
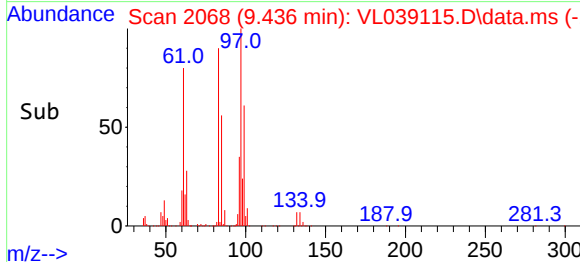


Tgt Ion: 97 Resp: 965394
Ion Ratio Lower Upper
97 100
83 90.4 72.0 108.0
85 56.5 45.7 68.5
99 60.7 50.2 75.4

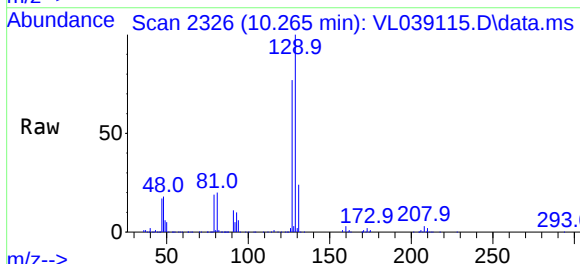
Manual Integrations

APPROVED

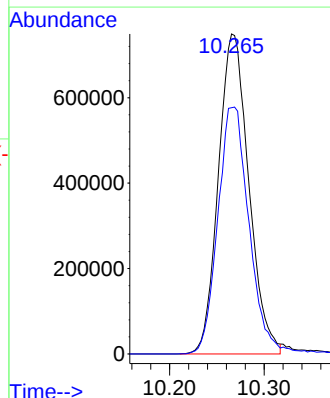
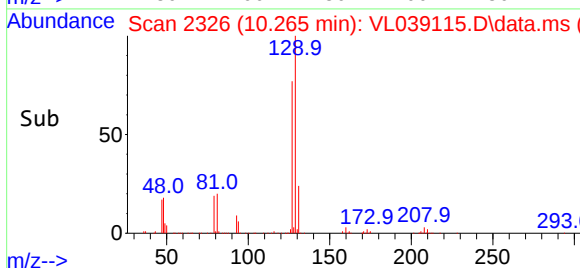
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

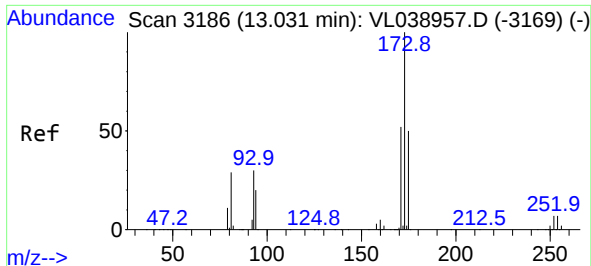


#48
Dibromochloromethane
Concen: 10.498 ppbv
RT: 10.265 min Scan# 2326
Delta R.T. -0.032 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



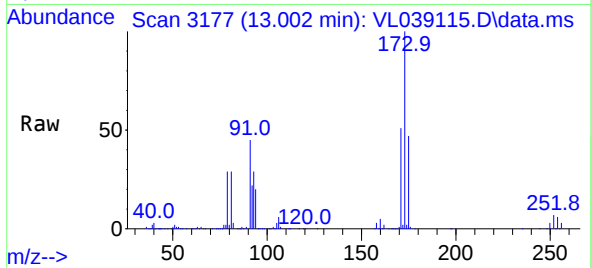
Tgt Ion:129 Resp: 1672929
Ion Ratio Lower Upper
129 100
127 79.6 39.3 117.9





#49
Bromoform
Concen: 11.088 ppbv
RT: 13.002 min Scan# 3186
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

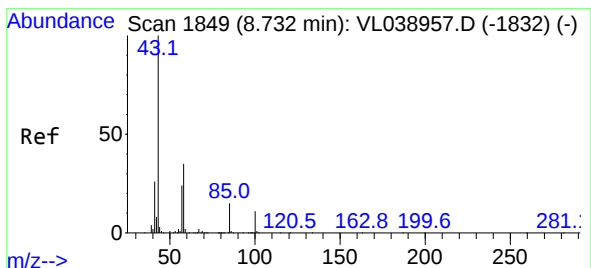
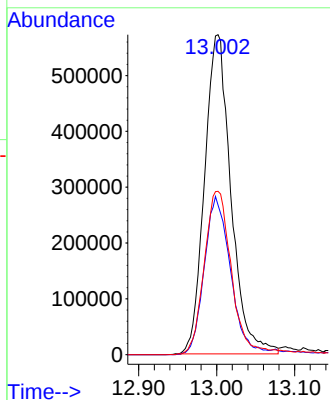
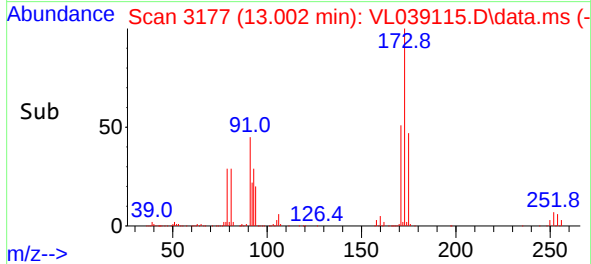
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 1347519
Ion Ratio Lower Upper
173 100
175 51.3 41.0 61.6
171 54.1 42.6 64.0

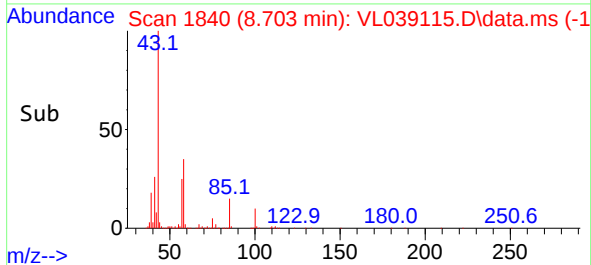
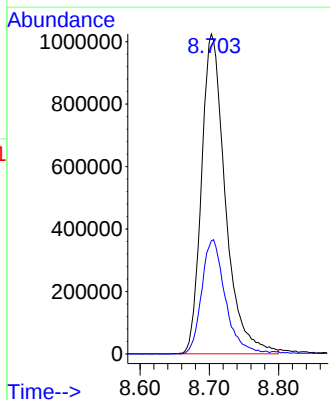
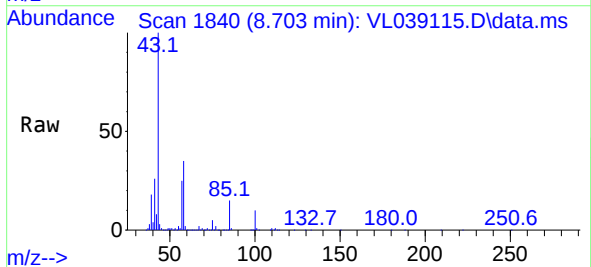
Manual Integrations
APPROVED

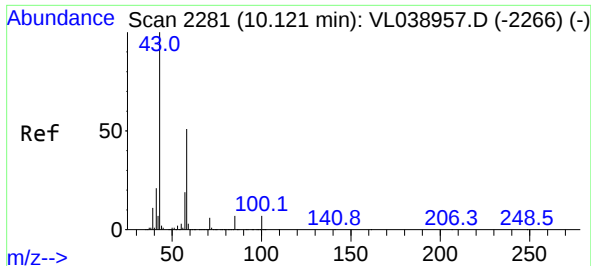
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
4-Methyl-2-Pentanone
Concen: 9.658 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

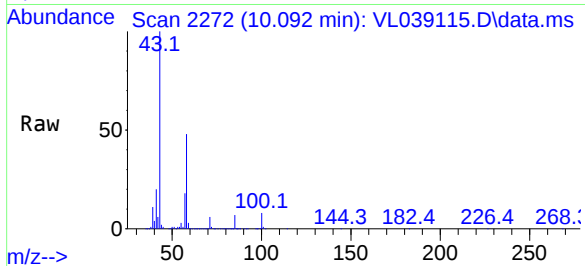
Tgt Ion: 43 Resp: 2442444
Ion Ratio Lower Upper
43 100
58 36.3 28.4 42.6





#51
2-Hexanone
Concen: 9.973 ppbv
RT: 10.092 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

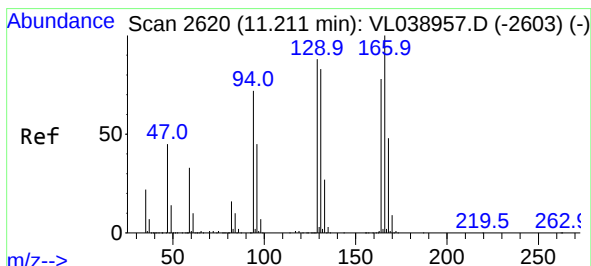
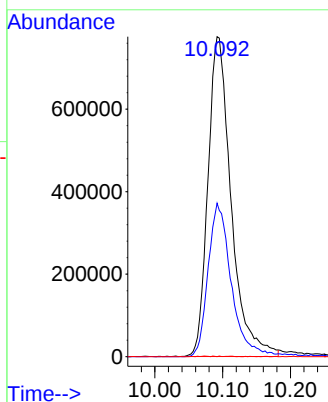
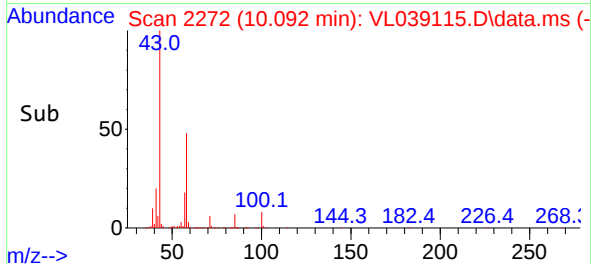
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



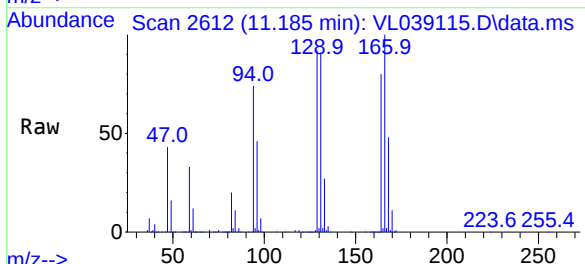
Tgt Ion: 43 Resp: 1840834
Ion Ratio Lower Upper
43 100
58 48.5 39.3 58.9
98 0.1 0.2 0.2

Manual Integrations
APPROVED

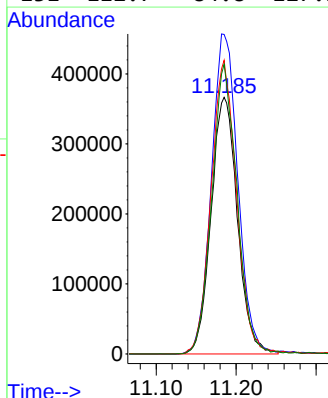
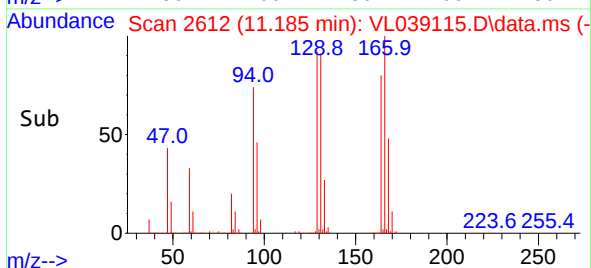
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

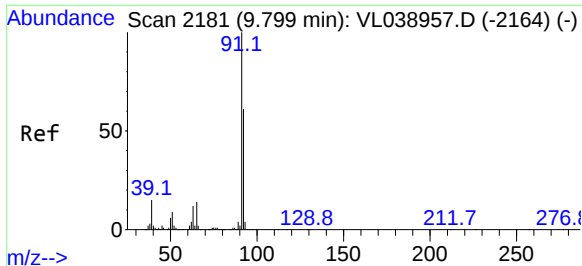


#52
Tetrachloroethene
Concen: 9.662 ppbv
RT: 11.185 min Scan# 2612
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



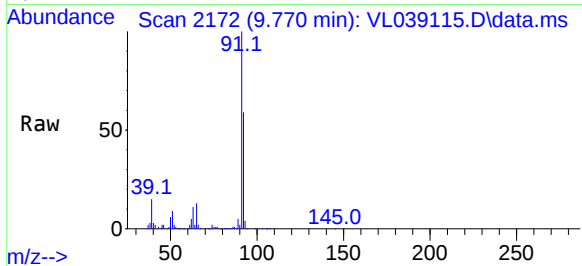
Tgt Ion:164 Resp: 835294
Ion Ratio Lower Upper
164 100
166 124.5 102.5 153.7
129 114.4 90.1 135.1
131 112.7 84.8 127.2





#53
Toluene
Concen: 9.925 ppbv
RT: 9.770 min Scan# 2181
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

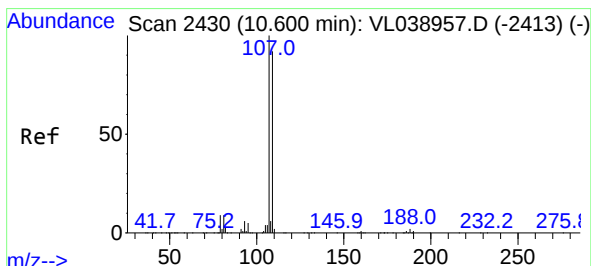
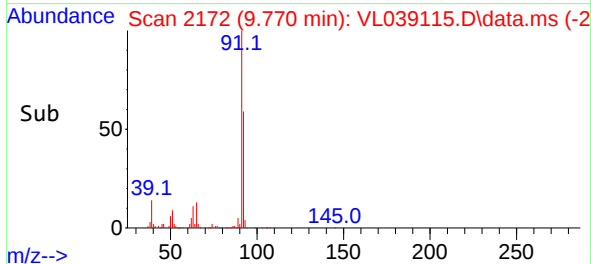
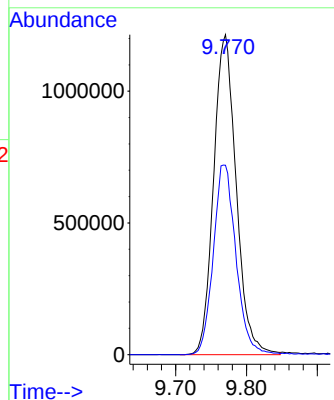
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 269111
Ion Ratio Lower Upper
91 100
92 59.7 48.2 72.2

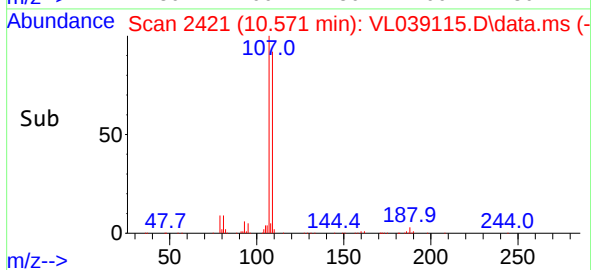
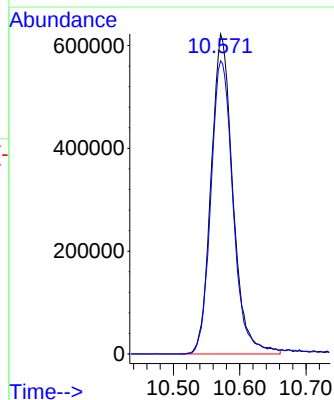
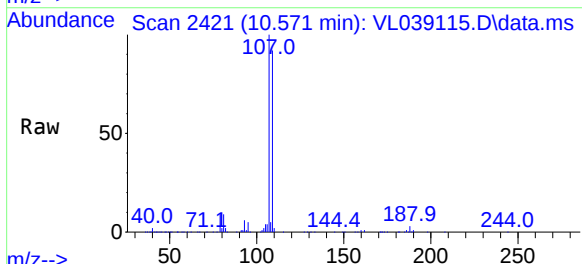
Manual Integrations
APPROVED

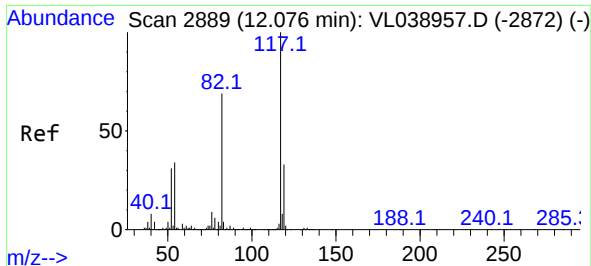
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#54
1,2-Dibromoethane
Concen: 10.640 ppbv
RT: 10.571 min Scan# 2421
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

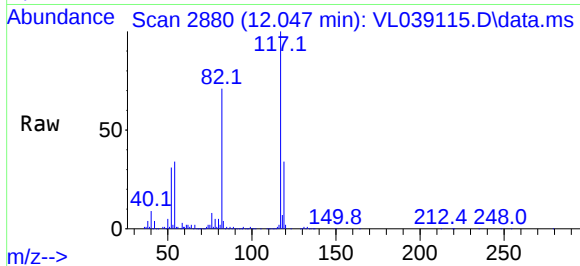
Tgt Ion:107 Resp: 1418102
Ion Ratio Lower Upper
107 100
109 91.6 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.047 min Scan# 2889
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

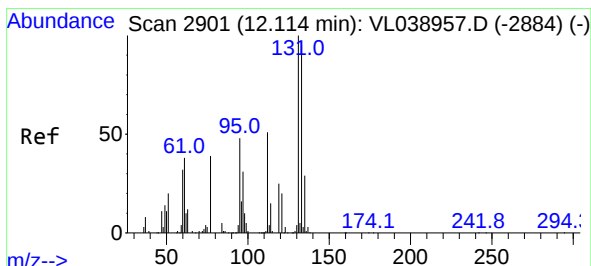
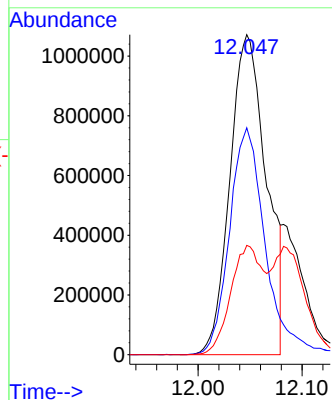
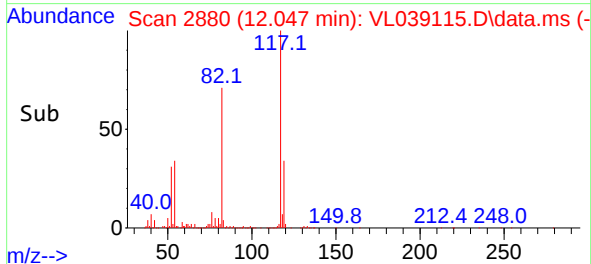
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



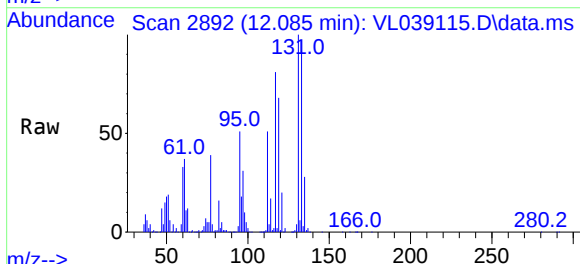
Tgt Ion:117 Resp: 261421
Ion Ratio Lower Upper
117 100
82 71.2 57.0 85.6
119 32.3 27.2 40.8

Manual Integrations
APPROVED

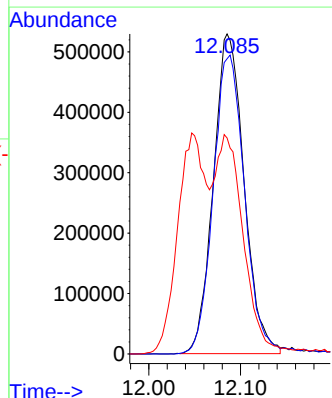
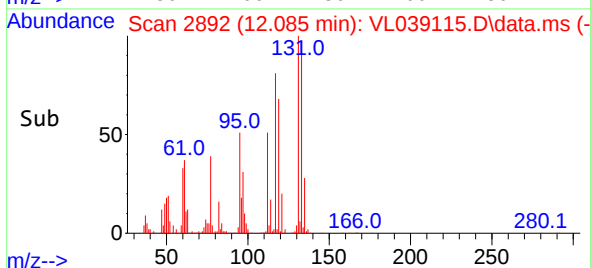
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

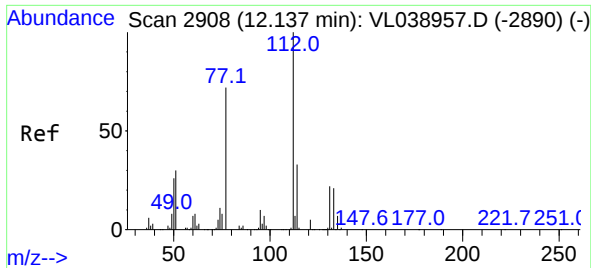


#56
1,1,1,2-Tetrachloroethane
Concen: 10.719 ppbv
RT: 12.085 min Scan# 2892
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



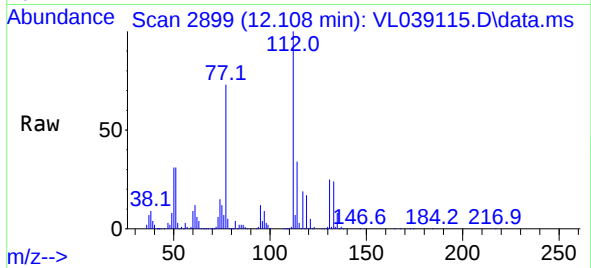
Tgt Ion:131 Resp: 1229479
Ion Ratio Lower Upper
131 100
133 96.9 76.9 115.3
119 63.2 47.4 71.0





#57
Chlorobenzene
Concen: 9.873 ppbv
RT: 12.108 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

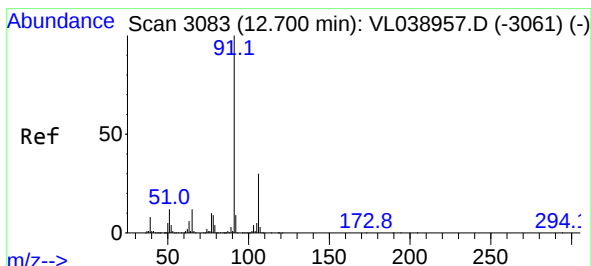
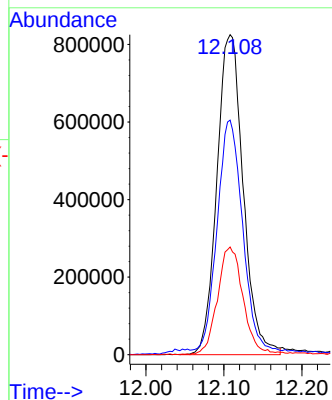
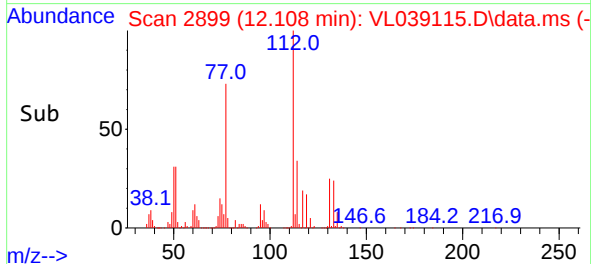
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



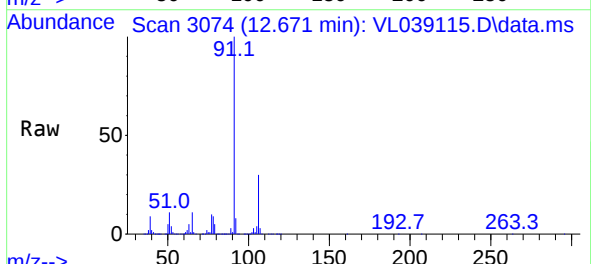
Tgt Ion:112 Resp: 193468
Ion Ratio Lower Upper
112 100
77 72.1 57.7 86.5
114 33.5 30.1 36.7

Manual Integrations
APPROVED

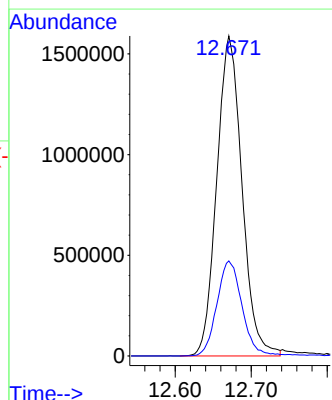
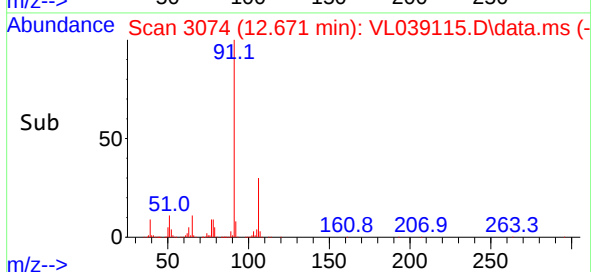
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

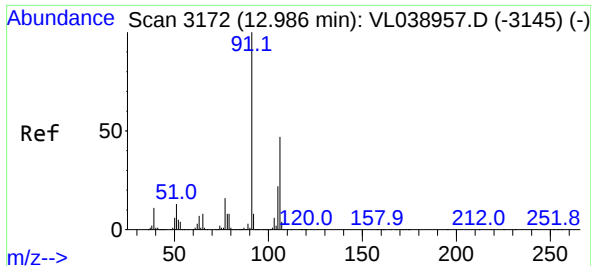


#58
Ethyl Benzene
Concen: 9.733 ppbv
RT: 12.671 min Scan# 3074
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



Tgt Ion: 91 Resp: 3661654
Ion Ratio Lower Upper
91 100
106 29.7 24.2 36.4





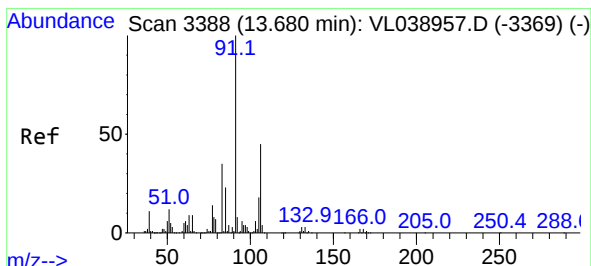
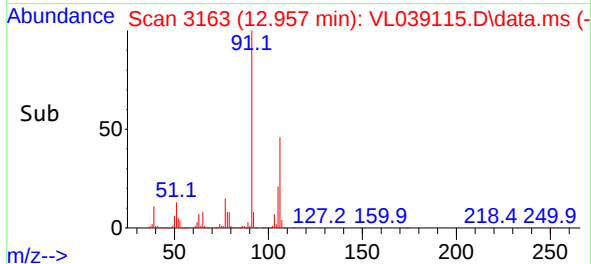
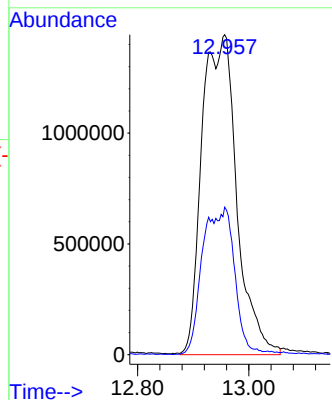
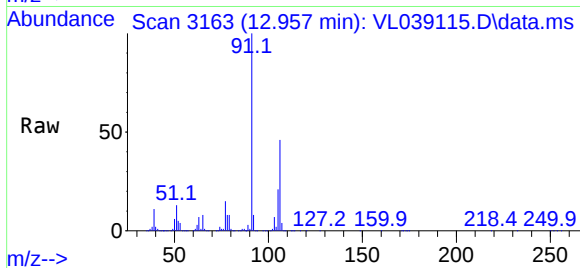
#59
m/p-Xylene
Concen: 19.523 ppbv m
RT: 12.957 min Scan# 3172
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 6270300
Ion Ratio Lower Upper
91 100
106 43.0 34.6 52.0

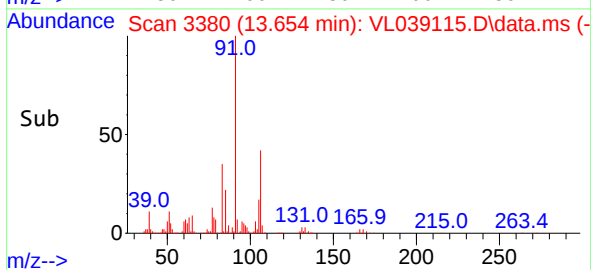
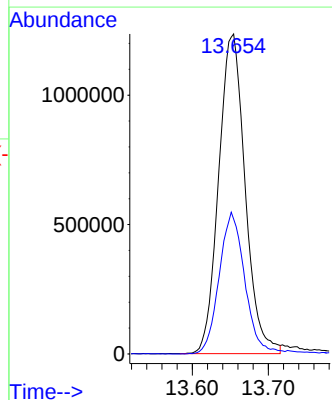
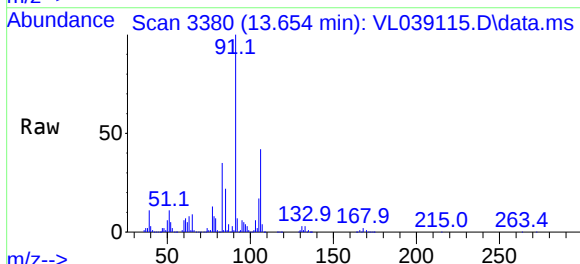
Manual Integrations
APPROVED

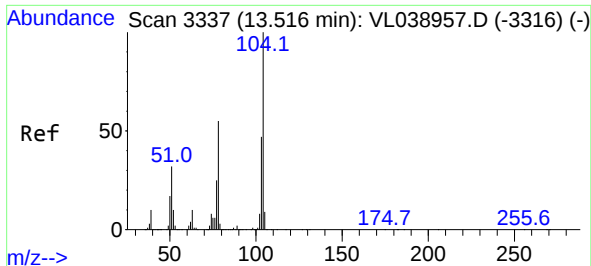
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
o-Xylene
Concen: 9.885 ppbv
RT: 13.654 min Scan# 3380
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion: 91 Resp: 2988218
Ion Ratio Lower Upper
91 100
106 43.6 22.2 66.6





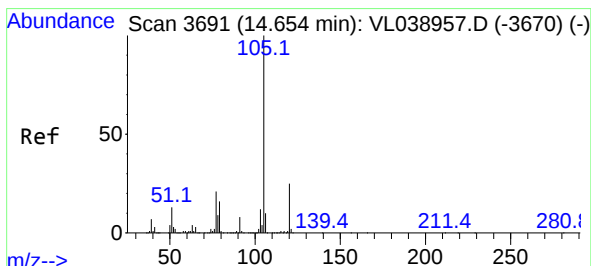
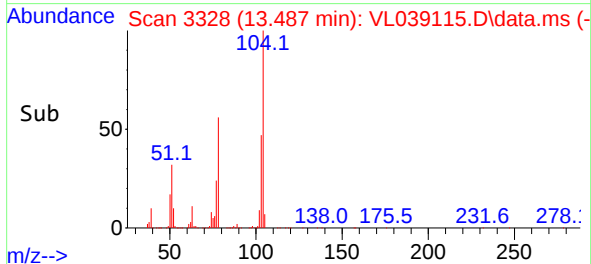
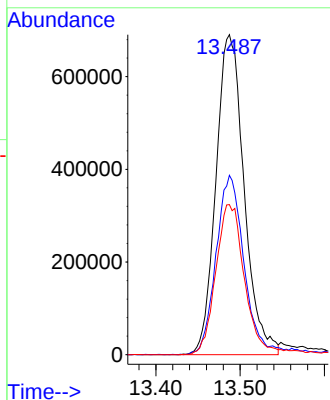
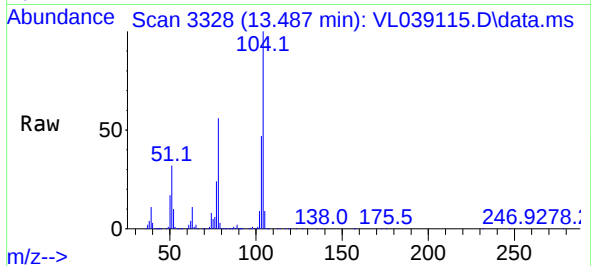
#61
Styrene
Concen: 9.941 ppbv
RT: 13.487 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:104 Resp: 1604340
Ion Ratio Lower Upper
104 100
78 56.8 46.4 69.6
103 48.8 39.3 58.9

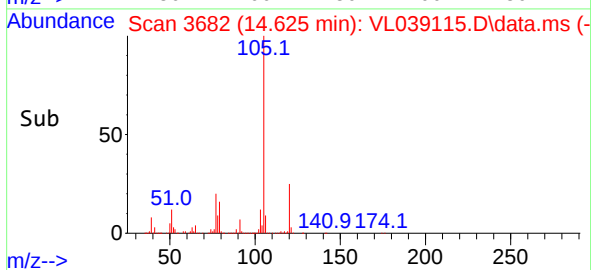
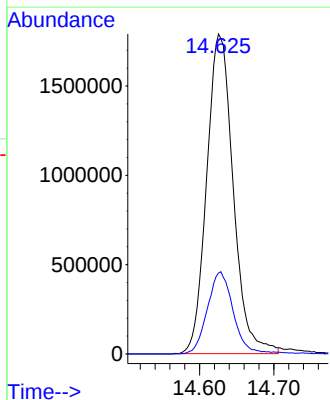
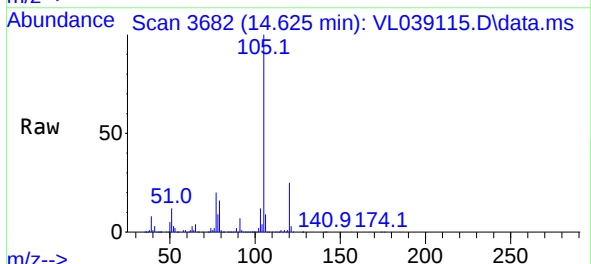
Manual Integrations
APPROVED

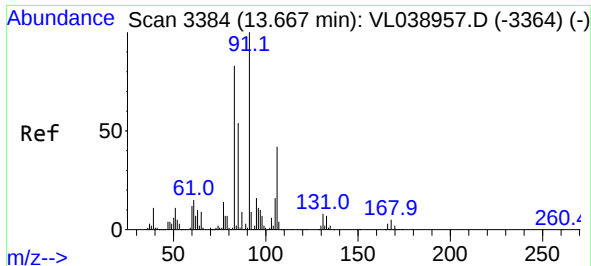
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#62
Isopropylbenzene
Concen: 10.071 ppbv
RT: 14.625 min Scan# 3682
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

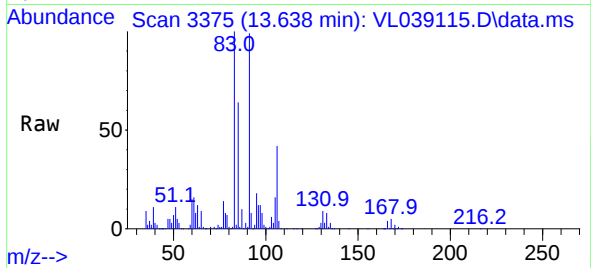
Tgt Ion:105 Resp: 4452122
Ion Ratio Lower Upper
105 100
120 25.4 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 11.534 ppbv
RT: 13.638 min Scan# 31
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

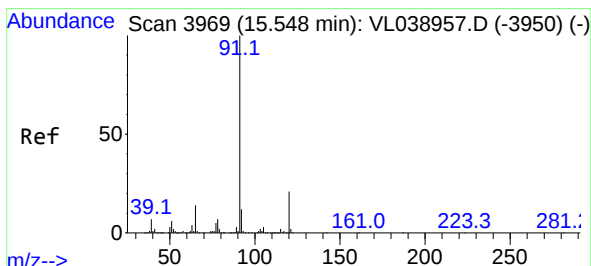
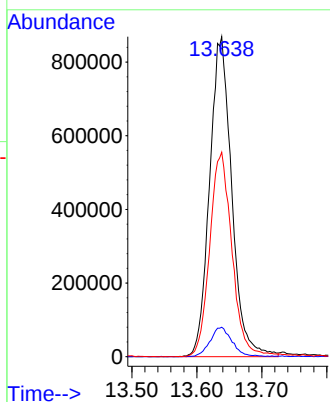
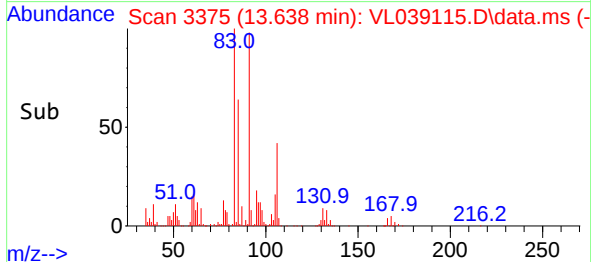
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



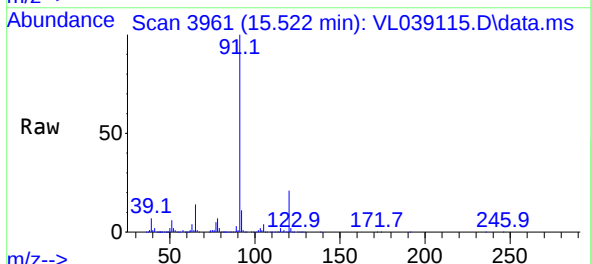
Tgt Ion: 83 Resp: 2053069
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.3 32.8 98.3

Manual Integrations
APPROVED

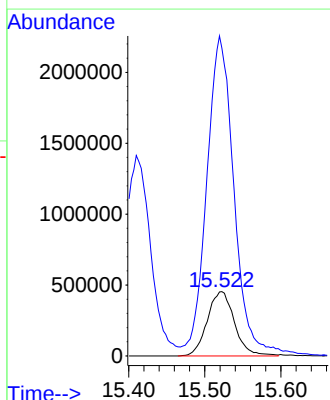
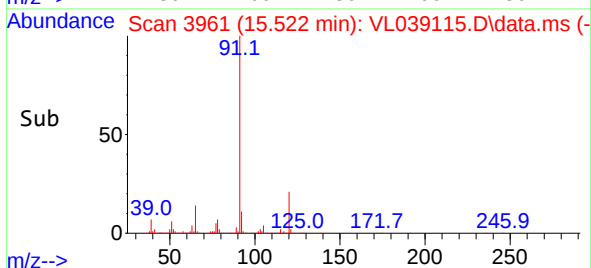
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

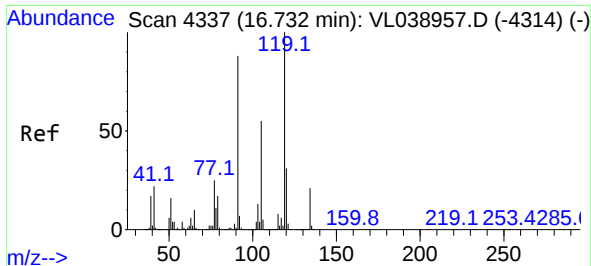


#64
n-propylbenzene
Concen: 10.547 ppbv
RT: 15.522 min Scan# 3961
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



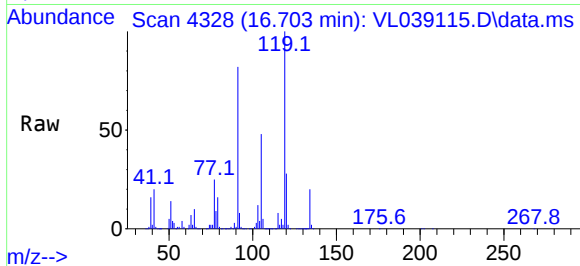
Tgt Ion:120 Resp: 1127234
Ion Ratio Lower Upper
120 100
91 502.5 400.6 601.0





#65
tert-Butylbenzene
Concen: 10.142 ppbv
RT: 16.703 min Scan# 411
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

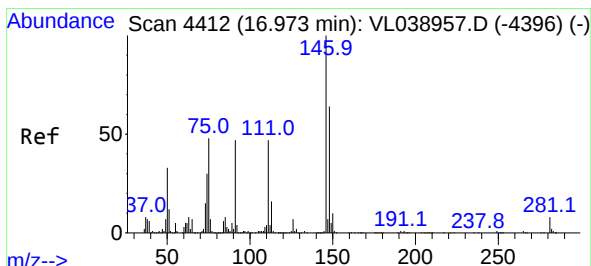
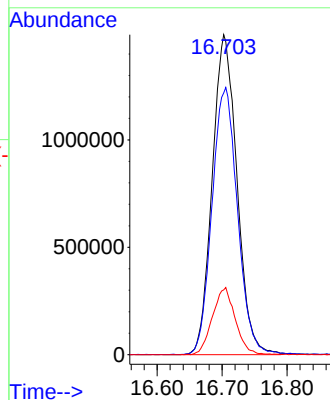
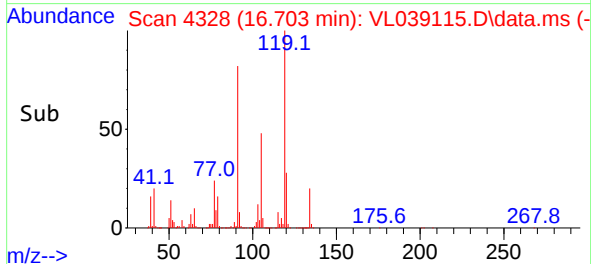
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



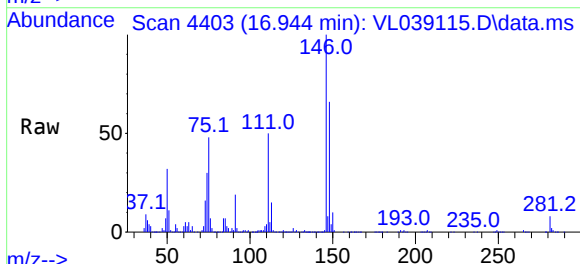
Tgt Ion:119 Resp: 3928358
Ion Ratio Lower Upper
119 100
91 86.4 69.4 104.2
134 19.5 15.8 23.8

Manual Integrations
APPROVED

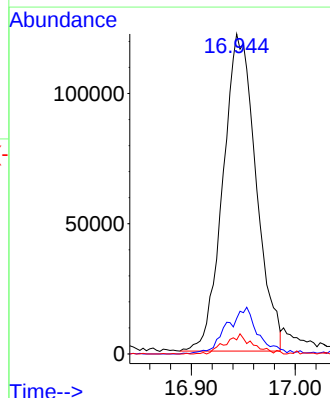
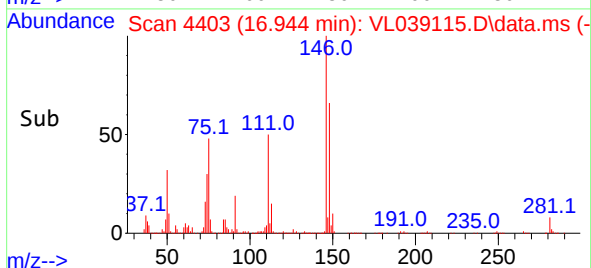
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

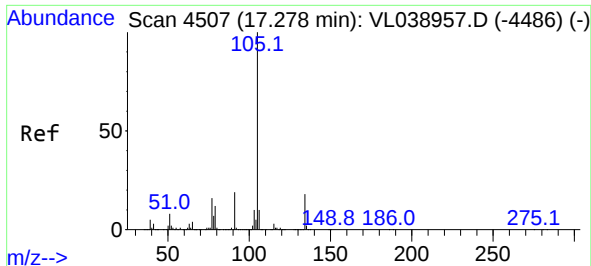


#66
Benzyl Chloride
Concen: 5.321 ppbv
RT: 16.944 min Scan# 4403
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



Tgt Ion: 91 Resp: 269414
Ion Ratio Lower Upper
91 100
126 14.6 11.8 17.6
128 5.5 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 10.159 ppbv
 RT: 17.252 min Scan# 4499
 Delta R.T. -0.026 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Instrument :

MSVOA_L

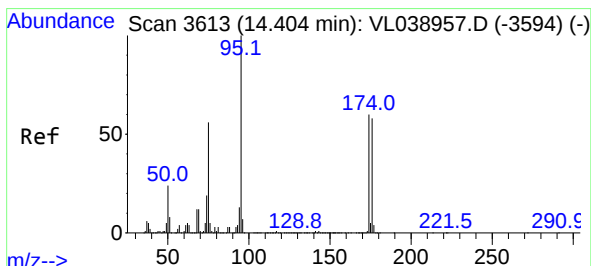
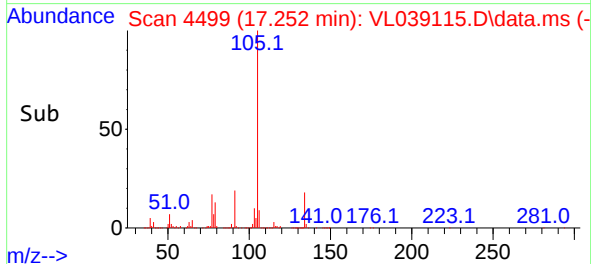
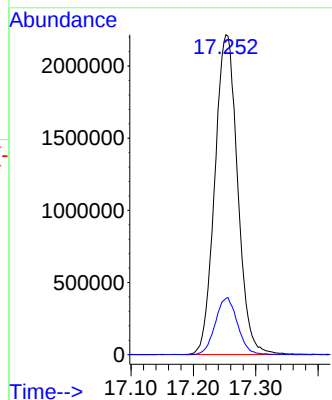
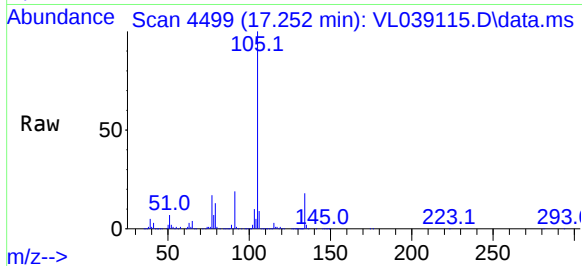
ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 562136
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.4

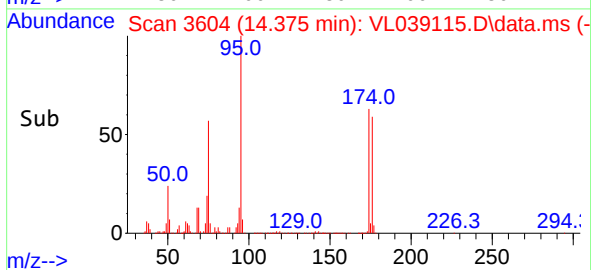
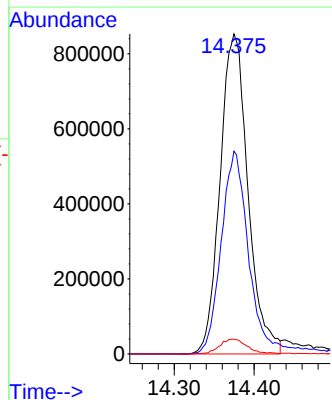
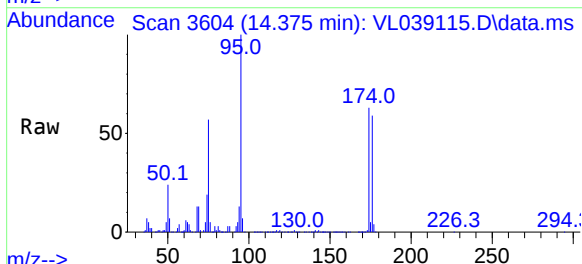
Manual Integrations
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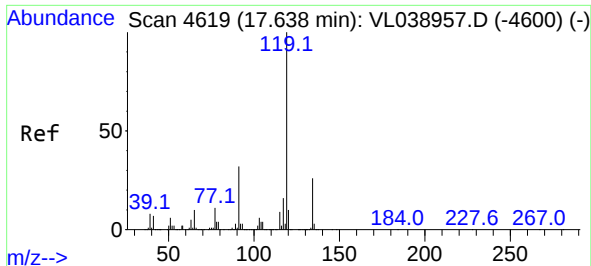
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.981 ppbv
 RT: 14.375 min Scan# 3604
 Delta R.T. -0.029 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

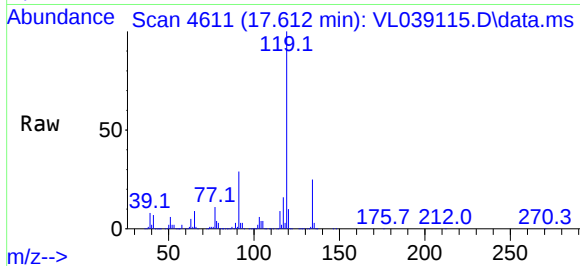
Tgt Ion: 95 Resp: 2066344
 Ion Ratio Lower Upper
 95 100
 174 64.5 50.8 76.2
 175 4.8 3.8 5.6





#69
p-Isopropyltoluene
Concen: 10.353 ppbv
RT: 17.612 min Scan# 4611
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

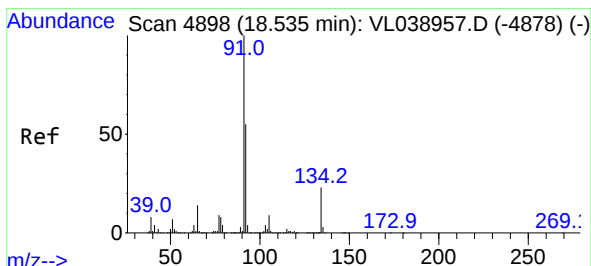
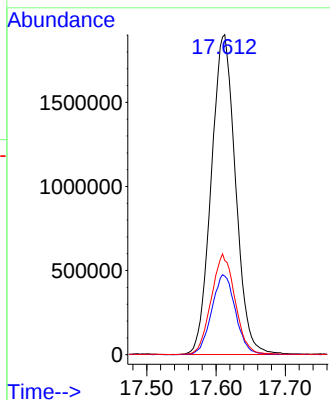
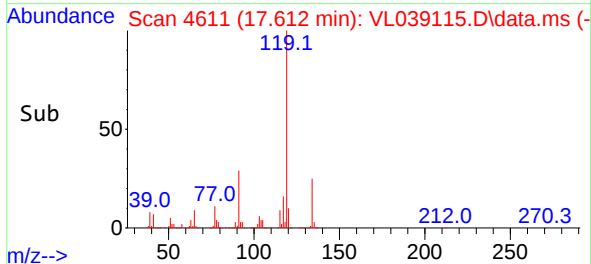
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



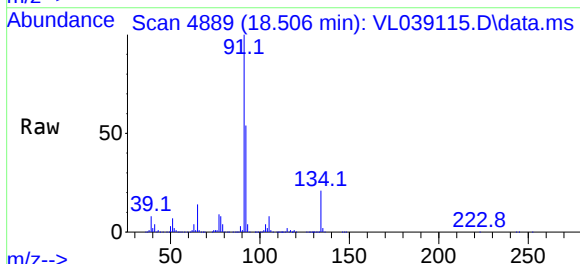
Tgt Ion:119 Resp: 462855
Ion Ratio Lower Upper
119 100
134 24.7 20.0 30.0
91 30.9 24.8 37.2

Manual Integrations
APPROVED

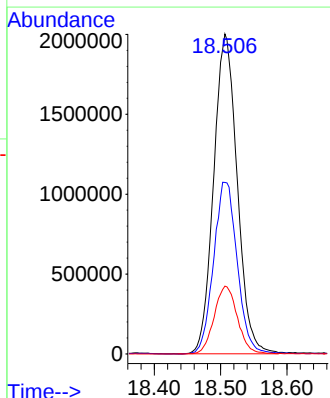
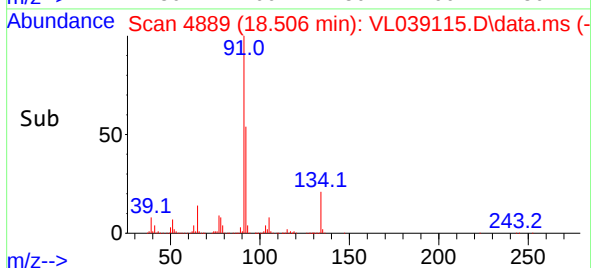
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

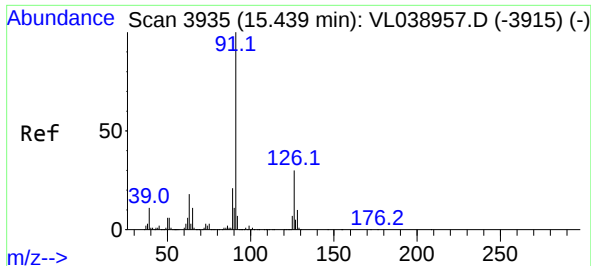


#70
n-Butylbenzene
Concen: 10.384 ppbv
RT: 18.506 min Scan# 4889
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



Tgt Ion: 91 Resp: 4931956
Ion Ratio Lower Upper
91 100
92 54.2 43.1 64.7
134 21.2 17.0 25.4





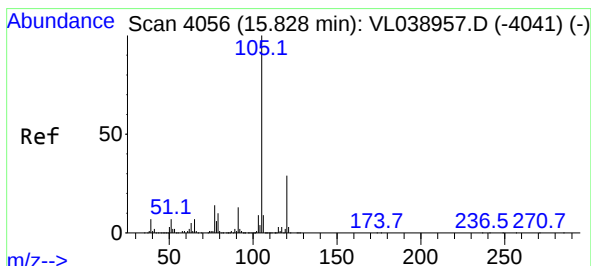
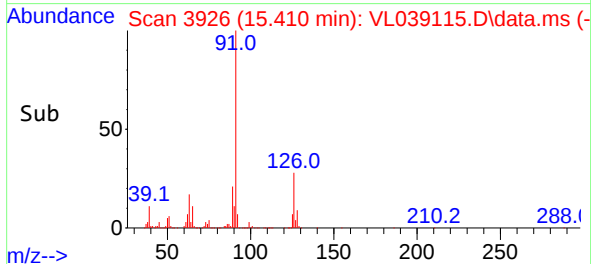
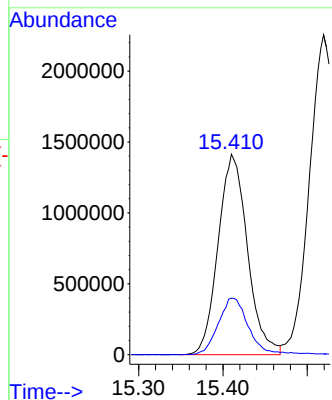
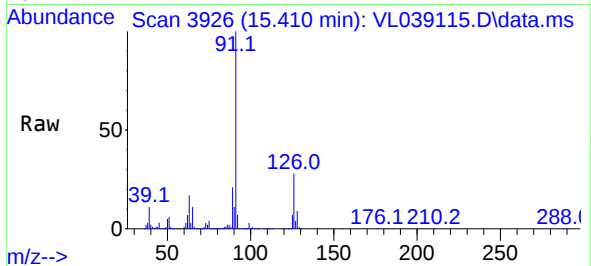
#71
2-Chlorotoluene
Concen: 10.008 ppbv
RT: 15.410 min Scan# 3935
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 341053
Ion Ratio Lower Upper
91 100
126 29.6 11.9 47.5

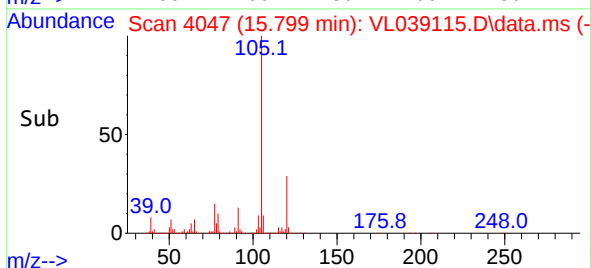
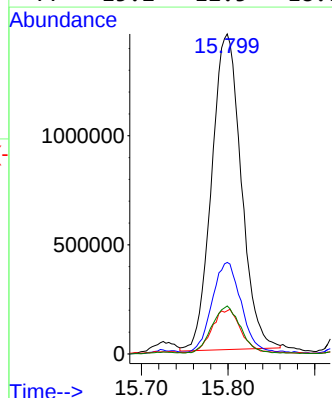
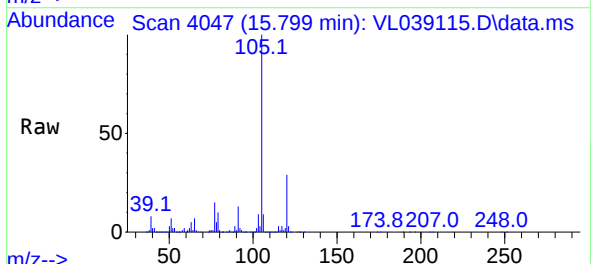
Manual Integrations
APPROVED

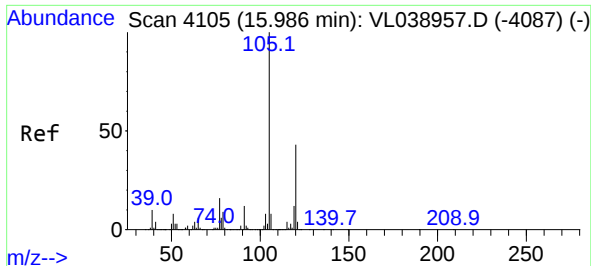
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#72
4-Ethyltoluene
Concen: 9.943 ppbv
RT: 15.799 min Scan# 4047
Delta R.T. -0.029 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Tgt Ion:105 Resp: 3425007
Ion Ratio Lower Upper
105 100
120 29.8 23.4 35.0
91 13.8 10.6 16.0
77 15.2 12.5 18.7





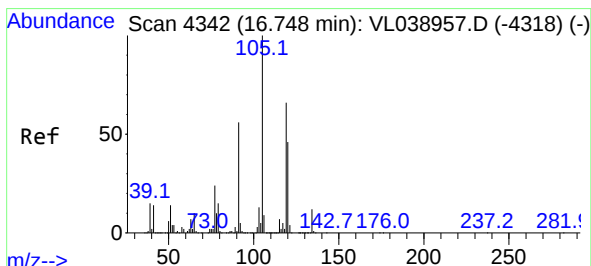
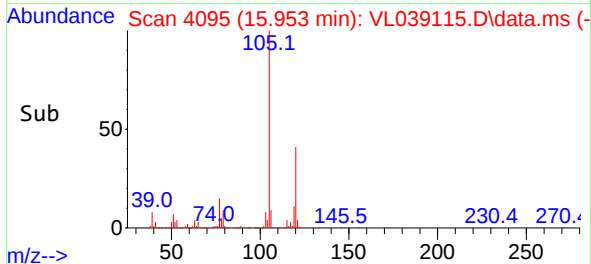
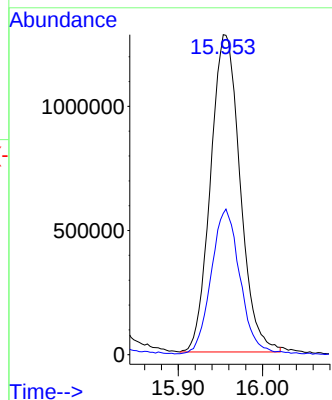
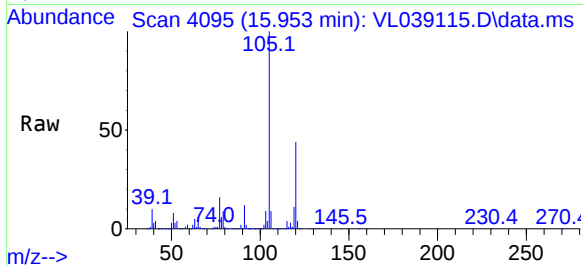
#73
 1,3,5-Trimethylbenzene
 Concen: 10.046 ppbv
 RT: 15.953 min Scan# 4095
 Delta R.T. -0.032 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion:105 Resp: 311525
 Ion Ratio Lower Upper
 105 100
 120 44.2 34.4 51.6

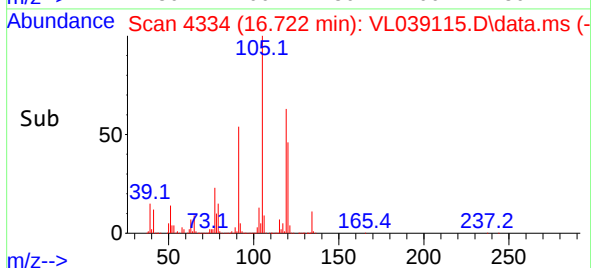
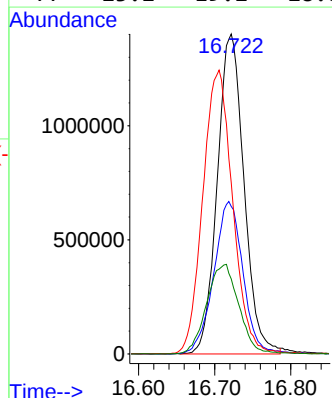
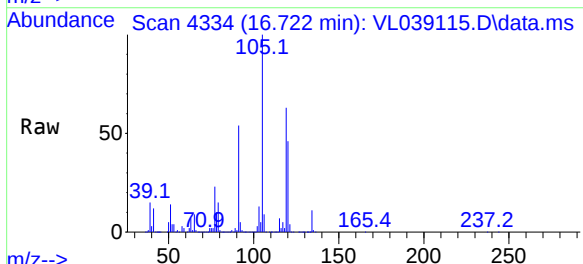
Manual Integrations
 APPROVED

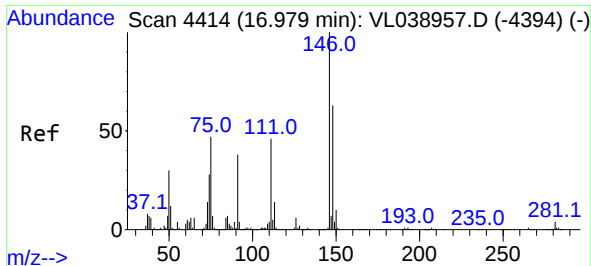
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 10.065 ppbv
 RT: 16.722 min Scan# 4334
 Delta R.T. -0.026 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Tgt Ion:105 Resp: 3417380
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.9 55.3
 91 52.8 45.0 67.4
 77 23.2 19.2 28.8





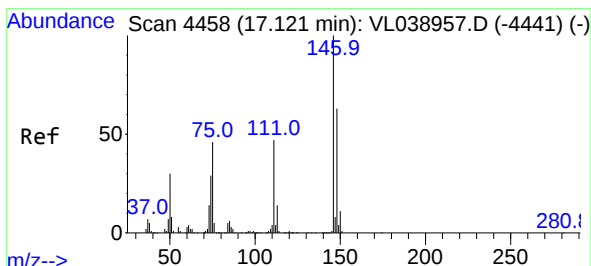
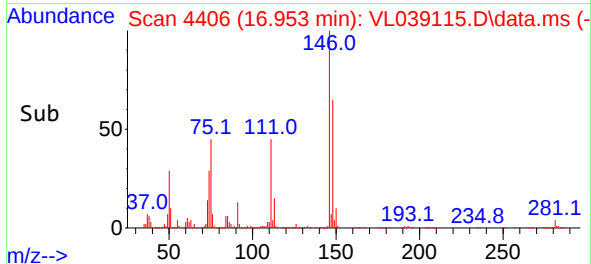
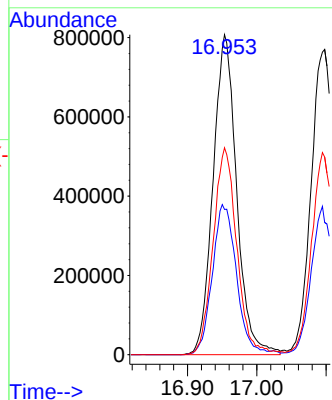
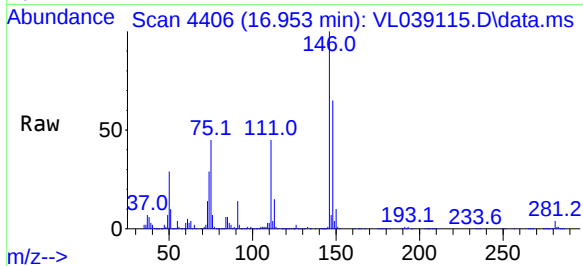
#75
1,3-Dichlorobenzene
Concen: 10.257 ppbv
RT: 16.953 min Scan# 4406
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 1908238
Ion Ratio Lower Upper
146 100
111 48.4 24.1 72.2
148 65.0 32.4 97.2

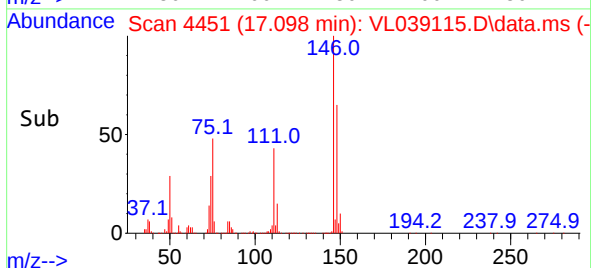
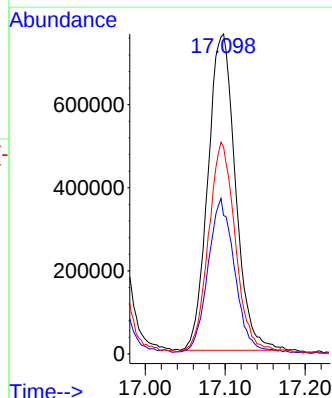
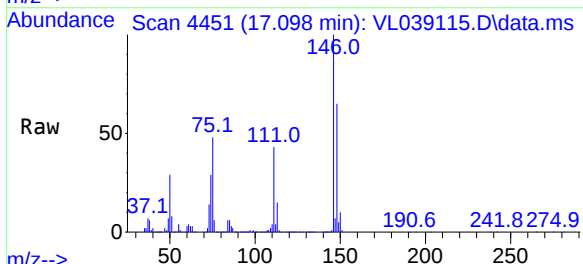
Manual Integrations
APPROVED

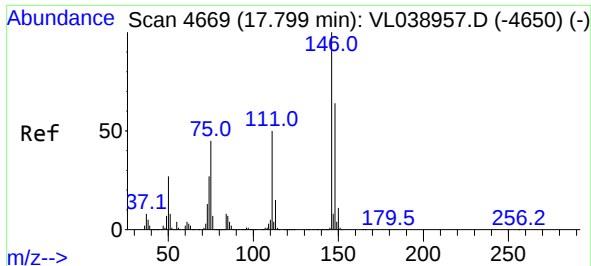
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#76
1,4-Dichlorobenzene
Concen: 9.952 ppbv
RT: 17.098 min Scan# 4451
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

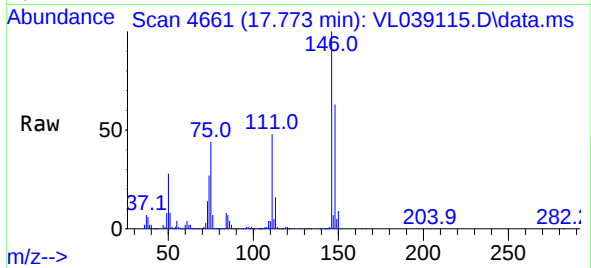
Tgt Ion:146 Resp: 1821455
Ion Ratio Lower Upper
146 100
111 48.5 23.6 71.0
148 66.9 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 10.058 ppbv
RT: 17.773 min Scan# 4661
Delta R.T. -0.026 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

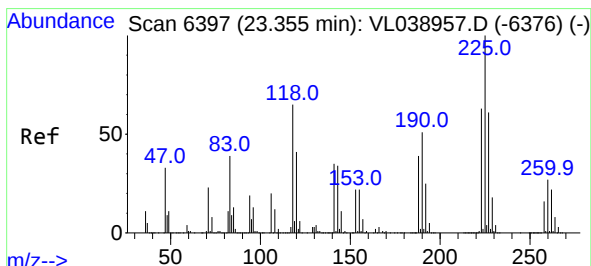
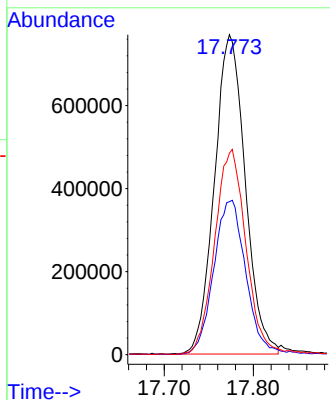
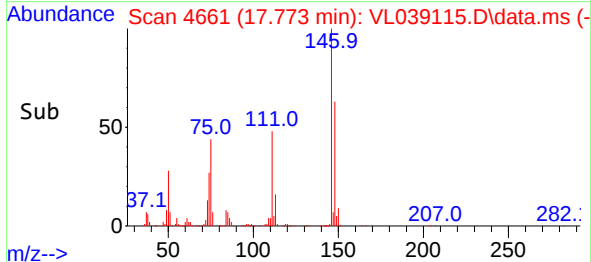
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



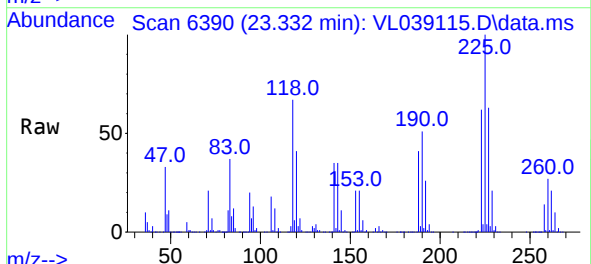
Tgt Ion:146 Resp: 1850590
Ion Ratio Lower Upper
146 100
111 50.7 25.3 75.9
148 65.8 32.3 96.9

Manual Integrations
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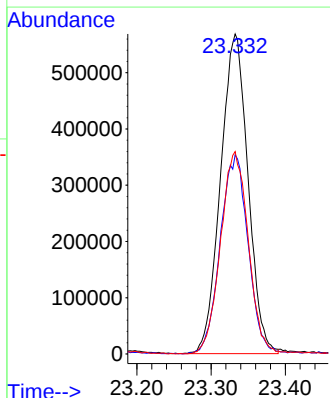
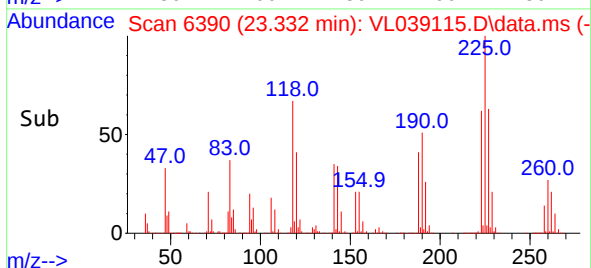
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

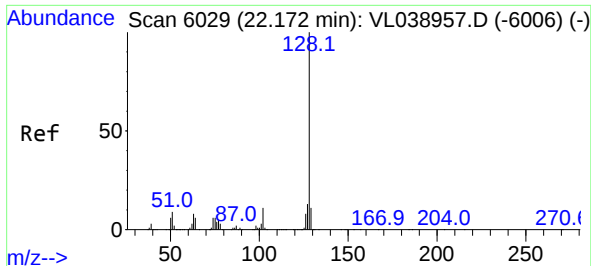


#78
Hexachloro-1,3-Butadiene
Concen: 8.626 ppbv
RT: 23.332 min Scan# 6390
Delta R.T. -0.023 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



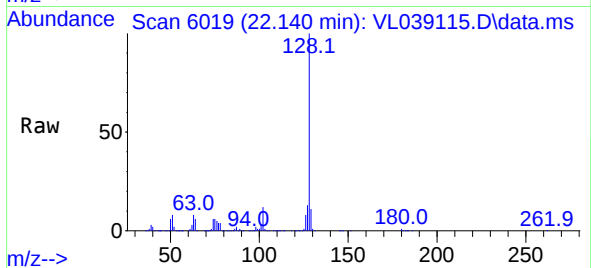
Tgt Ion:225 Resp: 1458660
Ion Ratio Lower Upper
225 100
223 63.2 51.4 77.0
227 64.9 51.4 77.0





#79
Naphthalene
Concen: 9.556 ppbv
RT: 22.140 min Scan# 6029
Delta R.T. -0.032 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57

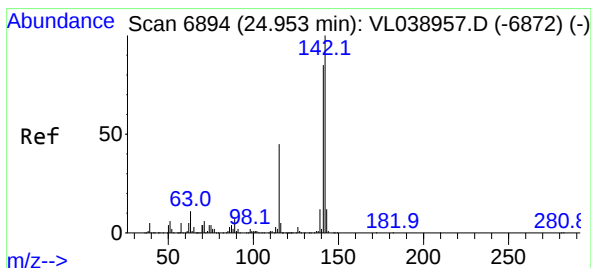
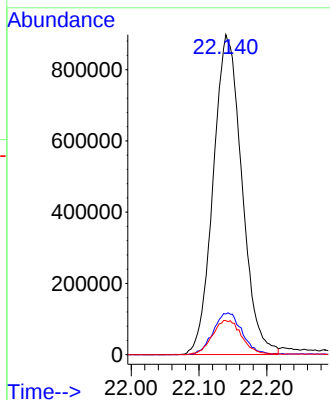
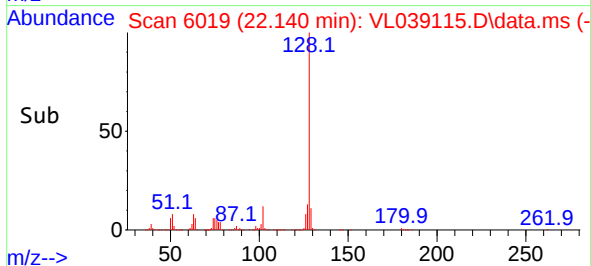
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



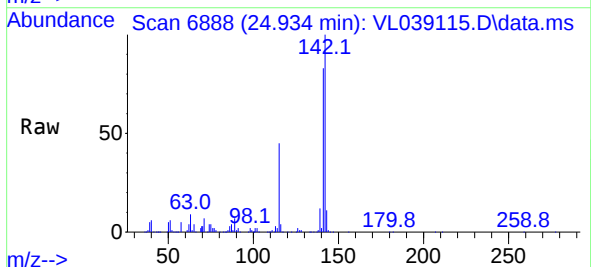
Tgt Ion:128 Resp: 2635804
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.7 8.9 13.3

Manual Integrations
APPROVED

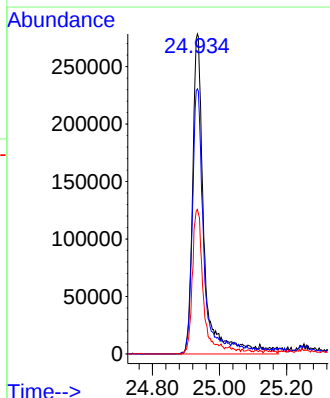
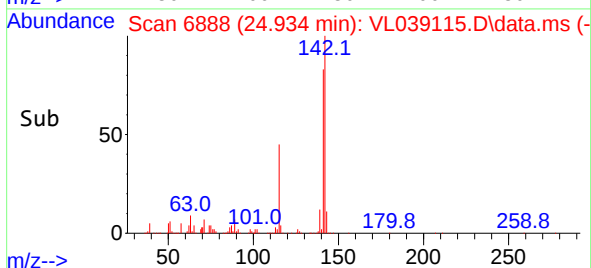
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

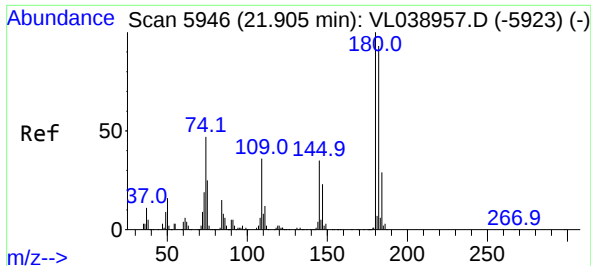


#80
Naphthalene,2-methyl-
Concen: 8.048 ppbv
RT: 24.934 min Scan# 6888
Delta R.T. -0.019 min
Lab File: VL039115.D
Acq: 25 May 2022 12:57



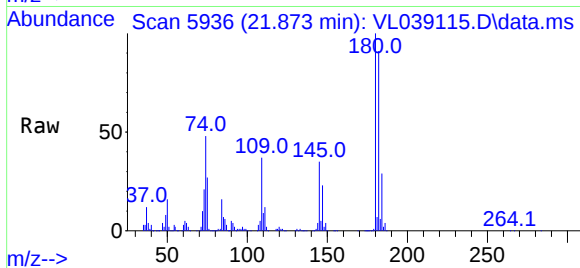
Tgt Ion:142 Resp: 671479
Ion Ratio Lower Upper
142 100
141 83.4 70.8 106.2
115 45.3 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 9.072 ppbv
 RT: 21.873 min Scan# 5936
 Delta R.T. -0.032 min
 Lab File: VL039115.D
 Acq: 25 May 2022 12:57

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1466263

Ion	Ratio	Lower	Upper
180	100		
182	99.3	78.4	117.6
184	31.6	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

