

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051722\
 Data File : VL039081.D
 Acq On : 18 May 2022 9:19
 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 05/19/2022
 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 19 01:28:50 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 19 01:28:50 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	5.661	49	841475	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	1966356	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.072	117	1908091m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 1561517 10.334 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	1425710	10.813	ppbv	98
3) Chlorodifluoromethane	2.989	51	1160468	11.114	ppbv	98
4) Chloromethane	3.140	50	565795	10.820	ppbv	95
5) Vinyl Chloride	3.259	62	584368	12.238	ppbv	99
6) Bromomethane	3.478	94	287354	12.739	ppbv	94
7) Chloroethane	3.555	64	201527	12.610	ppbv	95
8) Dichlorotetrafluoroethane	3.189	85	1470838	12.309	ppbv	98
9) Propene	3.012	41	453749	9.951	ppbv	98
10) Heptane	8.114	43	1178960	10.539	ppbv	99
11) Trichlorofluoromethane	3.951	101	1413888	12.499	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.484	101	996306	12.785	ppbv	99
13) Ethanol	3.597	45	25839	8.007	ppbv	82
14) Bromoethene	3.738	108	423874	13.191	ppbv	99
15) Acetone	3.845	43	997666	12.569	ppbv	99
16) 1,3-Butadiene	3.327	39	545408	11.959	ppbv	100
17) tert-Butyl alcohol	4.279	59	852626	13.976	ppbv	99
18) 1,1-Dichloroethene	4.285	96	443173	13.214	ppbv	99
19) Isopropyl Alcohol	3.957	45	520274	13.786	ppbv #	96
20) Methylene Chloride	4.343	84	363786	12.160	ppbv	96
21) Allyl Chloride	4.407	41	675833	12.495	ppbv	97
22) trans-1,2-Dichloroethene	4.880	96	451427	12.461	ppbv	97
23) Vinyl Acetate	5.066	43	836883	13.325	ppbv #	97
24) 1,1-Dichloroethane	5.005	63	916226	12.669	ppbv	99
25) Ethyl Acetate	5.668	43	2164952	11.395	ppbv	99
26) Hexane	5.680	57	917834	10.873	ppbv	100
27) Carbon Disulfide	4.549	76	1079866	13.467	ppbv	99
28) Methyl tert-Butyl Ether	5.028	73	808261	12.585	ppbv	99
29) Chloroform	5.748	83	1567174	11.475	ppbv	97
30) Cyclohexane	7.121	84	727600	10.295	ppbv	99
31) cis-1,2-Dichloroethene	5.542	61	988920	11.499	ppbv	98
32) 1,1,1-Trichloroethane	6.504	97	1624165	11.894	ppbv	100
34) 2-Butanone	5.237	43	1246012	12.421	ppbv	98
35) Carbon Tetrachloride	7.008	117	1674670	12.926	ppbv	99
36) Benzene	6.883	78	1808643	10.748	ppbv	98
37) 1,2-Dichloroethane	6.301	62	1311360	12.595	ppbv	97
38) Trichloroethene	7.828	130	818856	10.946	ppbv	98
39) 1,2-Dichloropropane	7.603	63	723474	11.049	ppbv	92
40) 1,4-Dioxane	7.819	88	247817	10.538	ppbv #	1
41) Tetrahydrofuran	6.041	42	736367	10.922	ppbv	98
42) Bromodichloromethane	7.780	83	1715402	12.051	ppbv	98
43) Methyl Methacrylate	8.002	69	764444	11.190	ppbv	97
44) 2,2,4-Trimethylpentane	7.860	57	3168173	10.729	ppbv	99
45) t-1,3-Dichloropropene	9.266	75	887254	13.417	ppbv	100

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 Supervised By : Mahesh Dadoda 05/20/2022

Quant Time: May 19 01:28:50 2022

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

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 19 01:28:50 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	8.693	75	1085759	12.381	ppbv	97
47) 1,1,2-Trichloroethane	9.462	97	736828	10.820	ppbv	98
48) Dibromochloromethane	10.291	129	1360171	12.272	ppbv	99
49) Bromoform	13.031	173	1039462	12.297	ppbv	99
50) 4-Methyl-2-Pentanone	8.725	43	1965177	11.171	ppbv	99
51) 2-Hexanone	10.121	43	1549494	12.069	ppbv #	98
52) Tetrachloroethene	11.211	164	629611	10.470	ppbv	98
53) Toluene	9.796	91	2081355	11.035	ppbv	99
54) 1,2-Dibromoethane	10.600	107	1059756	11.431	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.114	131	923695	11.033	ppbv	98
57) Chlorobenzene	12.134	112	1495003	10.452	ppbv	97
58) Ethyl Benzene	12.699	91	2846500	10.366	ppbv	96
59) m/p-Xylene	12.982	91	4965785m	21.183	ppbv	
60) o-Xylene	13.680	91	2360541	10.699	ppbv	98
61) Styrene	13.516	104	1298196	11.021	ppbv	99
62) Isopropylbenzene	14.654	105	3359268	10.411	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.664	83	1310013	10.083	ppbv	100
64) n-propylbenzene	15.545	120	847824	10.869	ppbv	100
65) tert-Butylbenzene	16.731	119	3018865	10.678	ppbv	98
66) Benzyl Chloride	16.976	91	494054	13.369	ppbv	99
67) sec-Butylbenzene	17.281	105	4321377	10.699	ppbv	99
69) p-Isopropyltoluene	17.638	119	3594485	11.016	ppbv	100
70) n-Butylbenzene	18.535	91	4004790	11.552	ppbv	99
71) 2-Chlorotoluene	15.439	91	2614264	10.510	ppbv	99
72) 4-Ethyltoluene	15.825	105	2717603	10.809	ppbv	100
73) 1,3,5-Trimethylbenzene	15.982	105	2523304	11.148	ppbv	99
74) 1,2,4-Trimethylbenzene	16.748	105	2771556	11.183	ppbv	99
75) 1,3-Dichlorobenzene	16.979	146	1522967	11.216	ppbv	99
76) 1,4-Dichlorobenzene	17.124	146	1490269	11.156	ppbv	98
77) 1,2-Dichlorobenzene	17.802	146	1511009	11.251	ppbv	100
78) Hexachloro-1,3-Butadiene	23.358	225	1454543	11.785	ppbv	100
79) Naphthalene	22.178	128	2994720	14.876	ppbv	99
80) Naphthalene,2-methyl-	24.956	142	834181	13.698	ppbv	95
81) 1,2,4-Trichlorobenzene	21.911	180	1579715m	13.391	ppbv	

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

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 ClientSampleId :
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Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/19/2022
 Supervised By : Mahesh Dadoda 05/20/2022

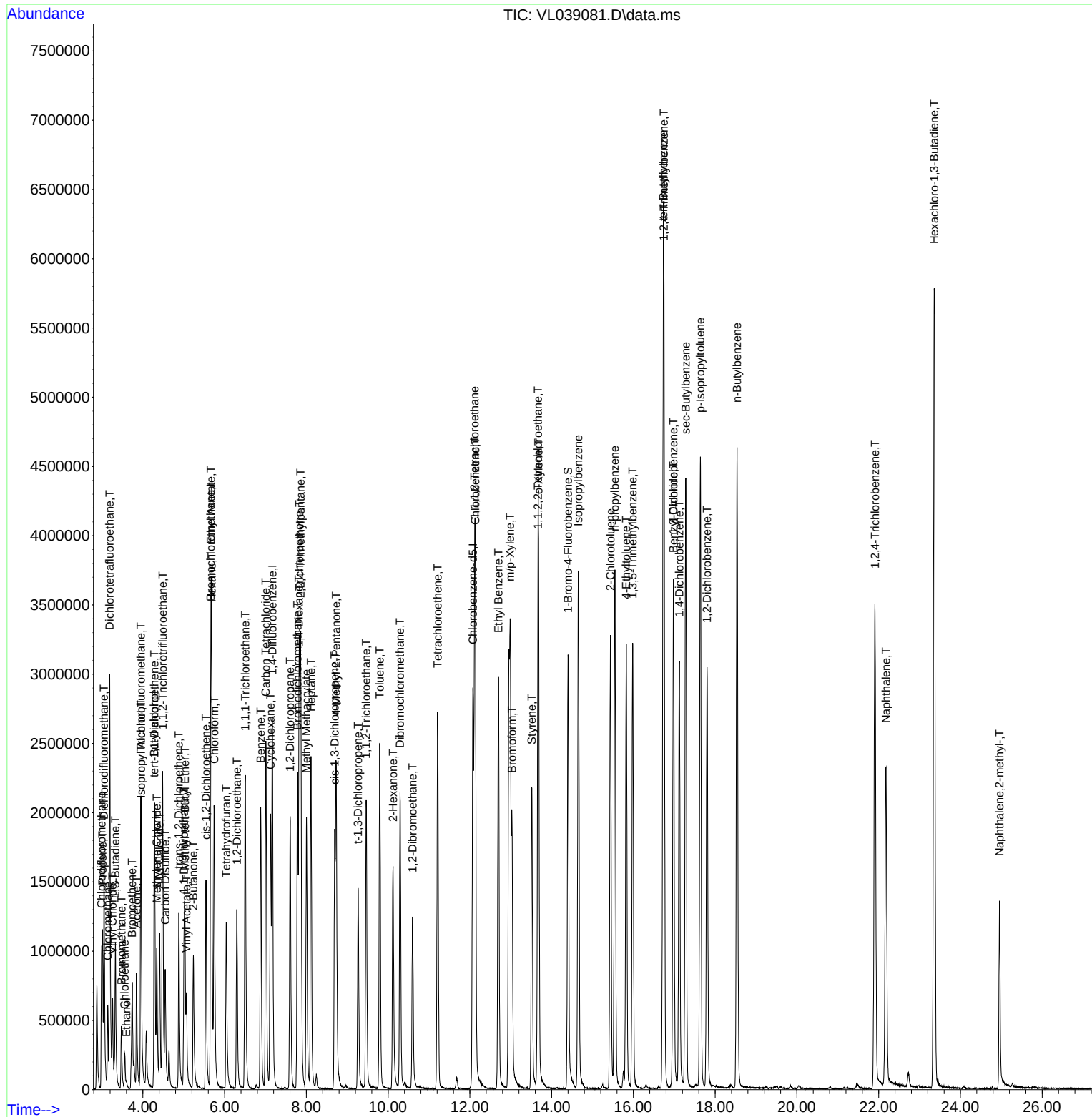
Quant Time: May 19 01:28:50 2022

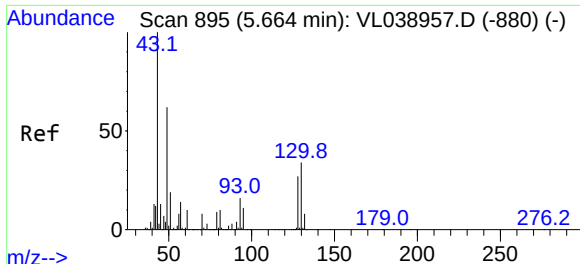
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May

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

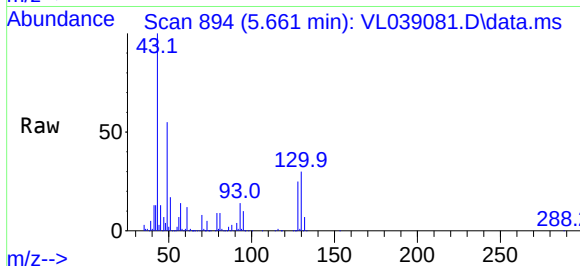
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

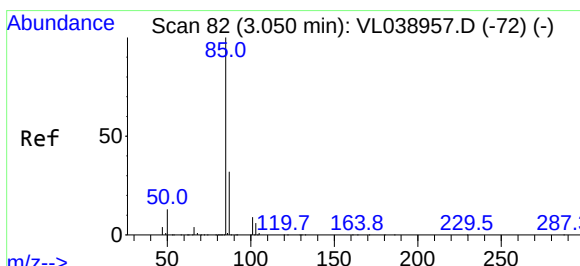
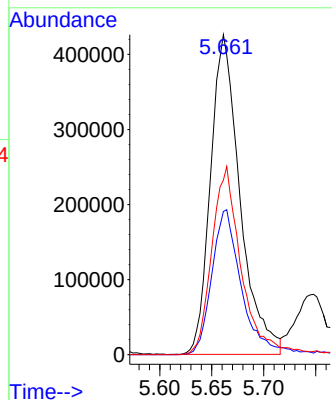
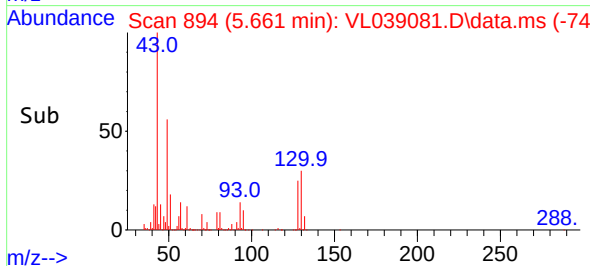
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



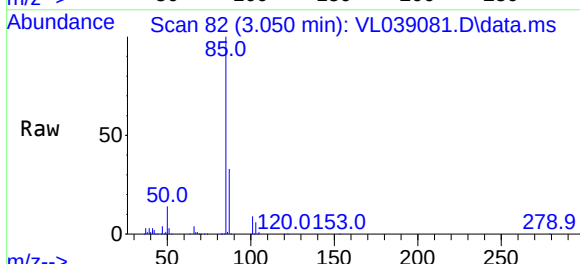
Tgt Ion: 49 Resp: 841475
Ion Ratio Lower Upper
49 100
128 46.7 23.3 69.8
130 59.9 29.8 89.3

Manual Integrations
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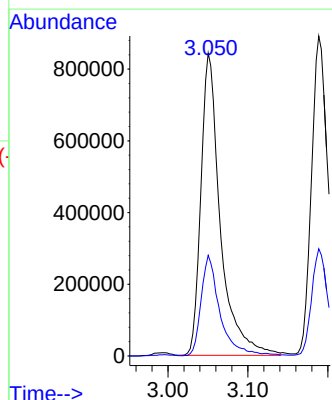
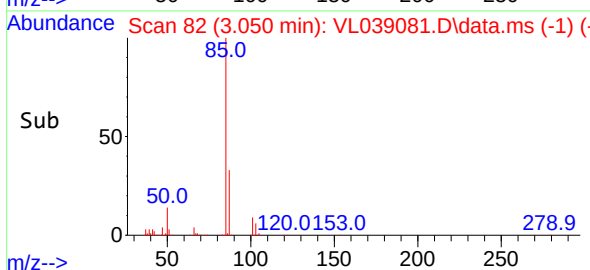
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

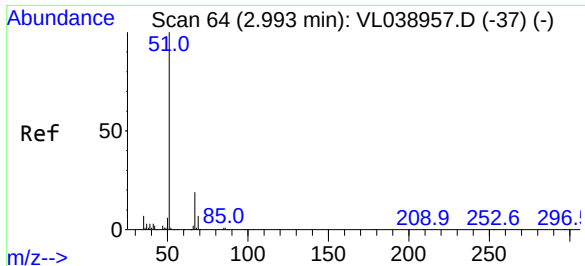


#2
Dichlorodifluoromethane
Concen: 10.813 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



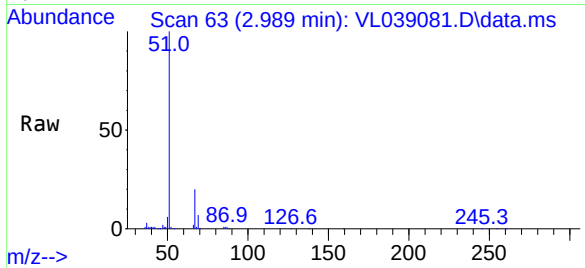
Tgt Ion: 85 Resp: 1425710
Ion Ratio Lower Upper
85 100
87 33.1 25.7 38.5





#3
Chlorodifluoromethane
Concen: 11.114 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

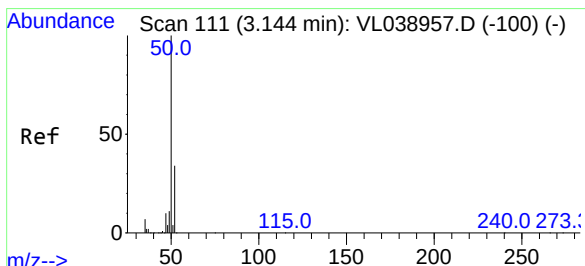
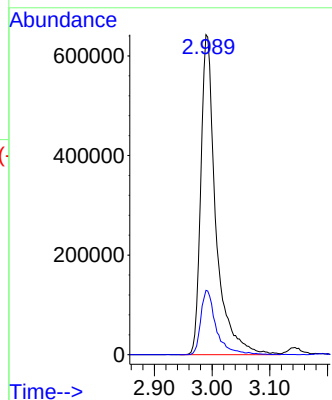
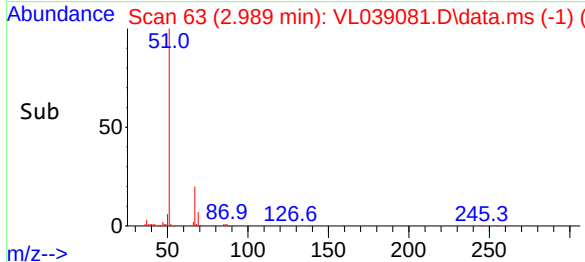
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 1160468
Ion Ratio Lower Upper
51 100
67 20.8 15.8 23.8

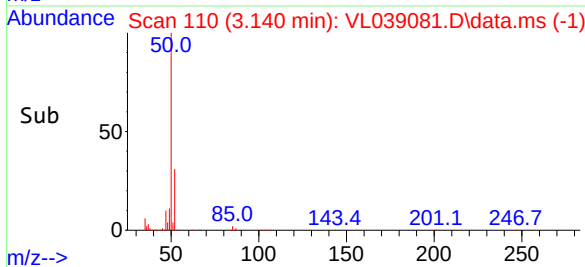
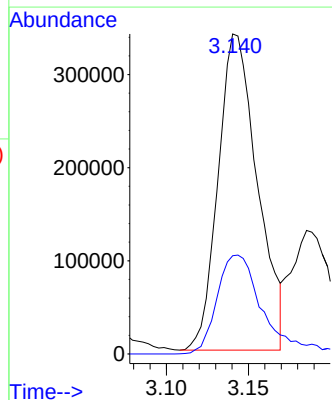
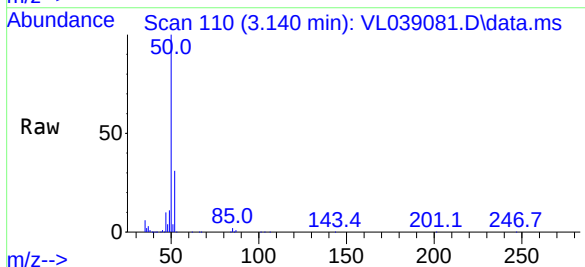
Manual Integrations
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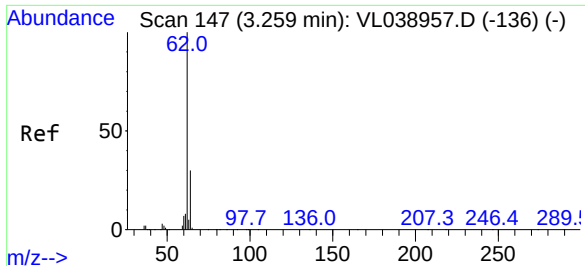
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#4
Chloromethane
Concen: 10.820 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

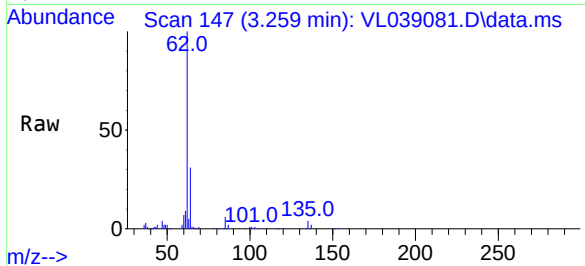
Tgt Ion: 50 Resp: 565795
Ion Ratio Lower Upper
50 100
52 31.0 27.3 40.9





#5
 Vinyl Chloride
 Concen: 12.238 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

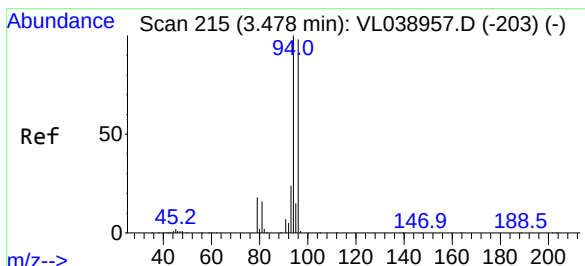
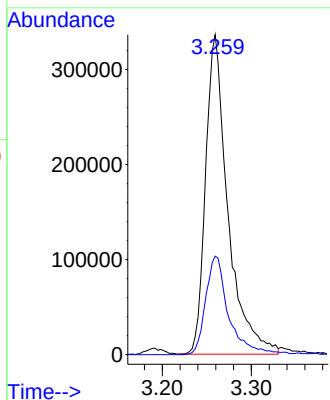
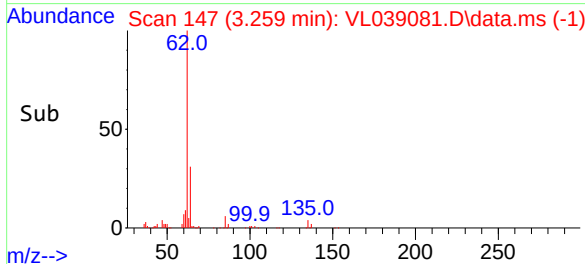
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



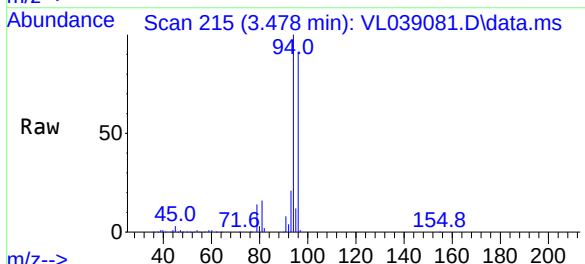
Tgt Ion: 62 Resp: 584368
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.2 36.4

Manual Integrations
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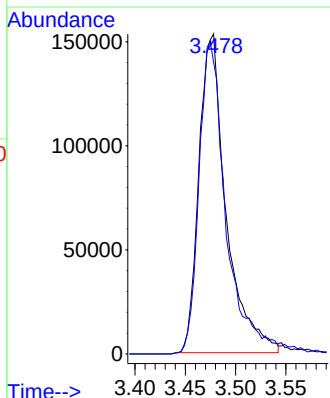
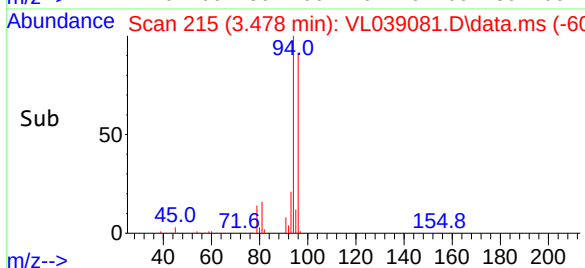
Reviewed By :Semsettin Yesilyurt 05/19/2022
 Supervised By :Mahesh Dadoda 05/20/2022

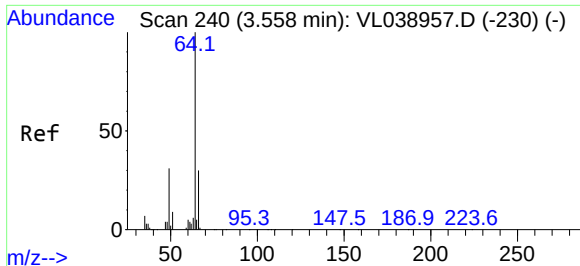


#6
 Bromomethane
 Concen: 12.739 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19



Tgt Ion: 94 Resp: 287354
 Ion Ratio Lower Upper
 94 100
 96 91.3 78.1 117.1





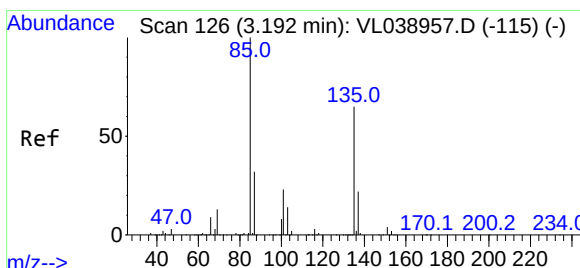
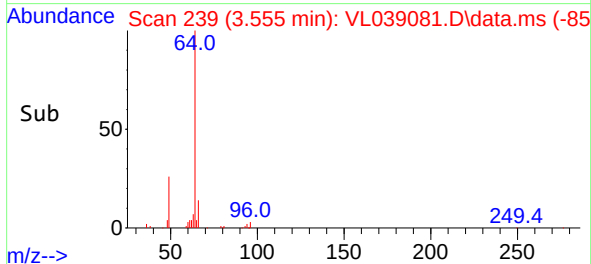
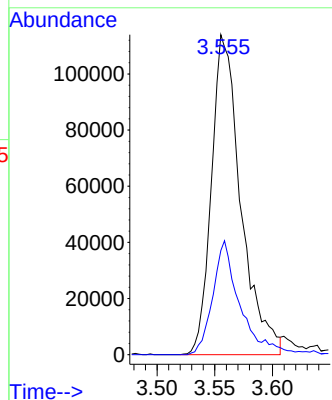
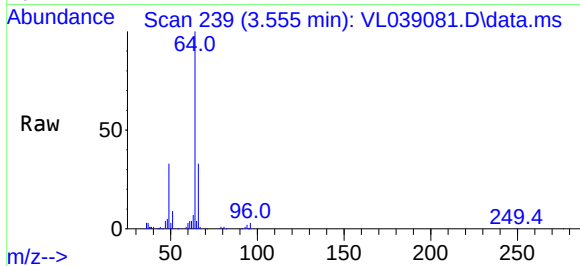
#7
Chloroethane
Concen: 12.610 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 64 Resp: 20152
Ion Ratio Lower Upper
64 100
66 32.6 23.8 35.8

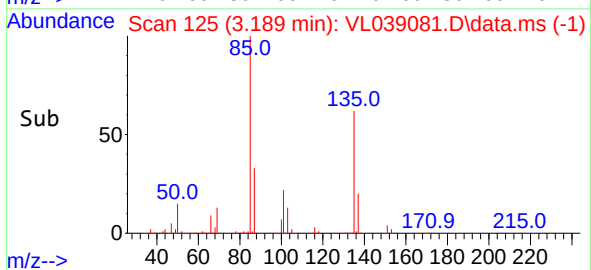
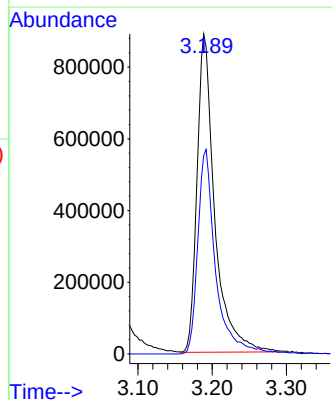
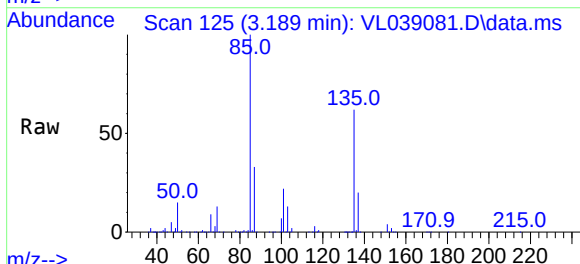
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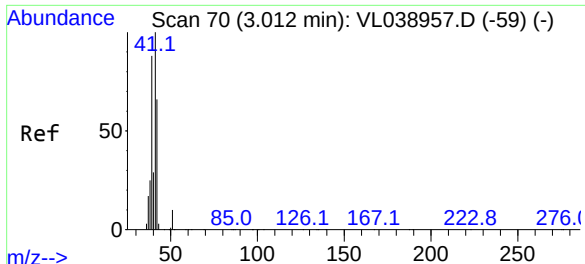
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#8
Dichlorotetrafluoroethane
Concen: 12.309 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

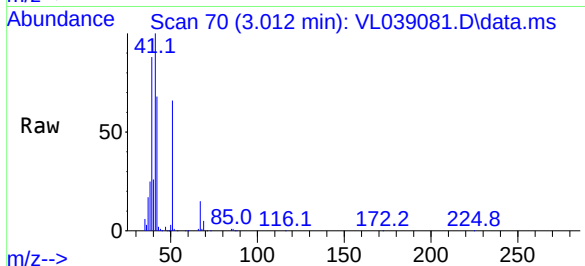
Tgt Ion: 85 Resp: 1470838
Ion Ratio Lower Upper
85 100
135 65.5 53.6 80.4





#9
 Propene
 Concen: 9.951 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

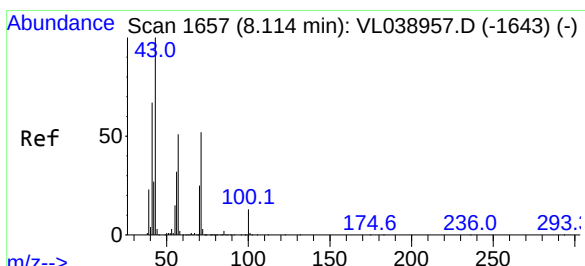
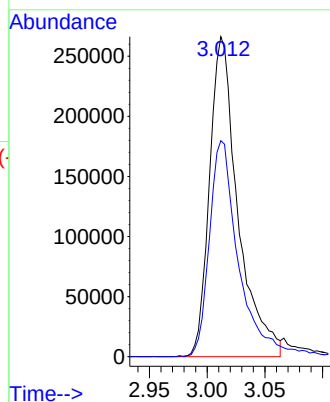
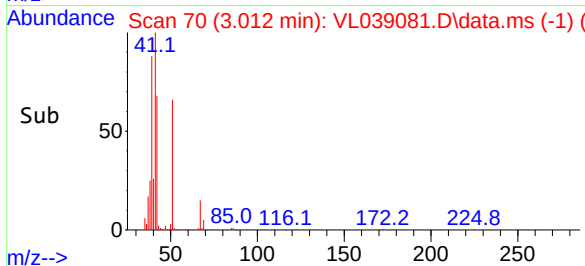
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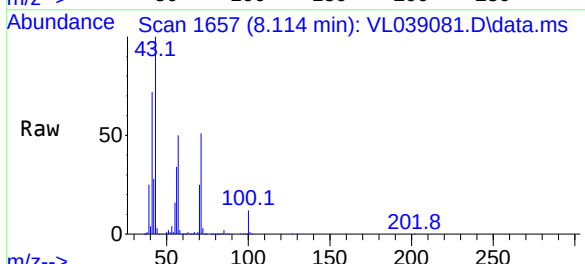
Tgt Ion: 41 Resp: 453749
 Ion Ratio Lower Upper
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 42 70.8 58.3 87.5

Manual Integrations
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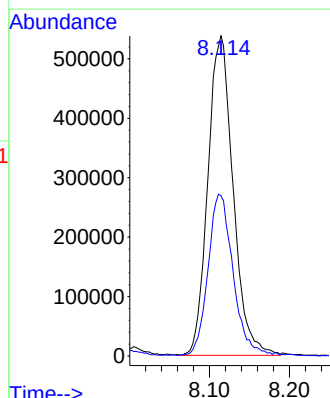
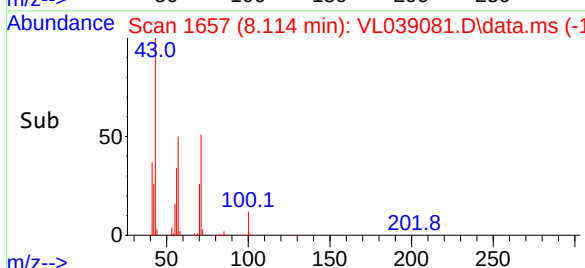
Reviewed By :Semsettin Yesilyurt 05/19/2022
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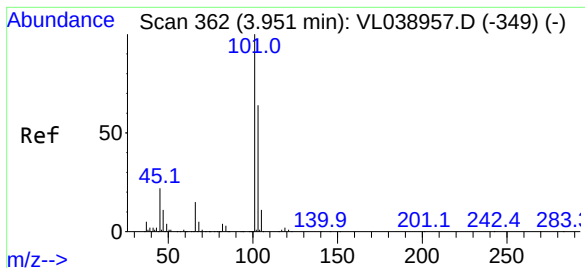


#10
 Heptane
 Concen: 10.539 ppbv
 RT: 8.114 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19



Tgt Ion: 43 Resp: 1178960
 Ion Ratio Lower Upper
 43 100
 57 51.0 40.5 60.7





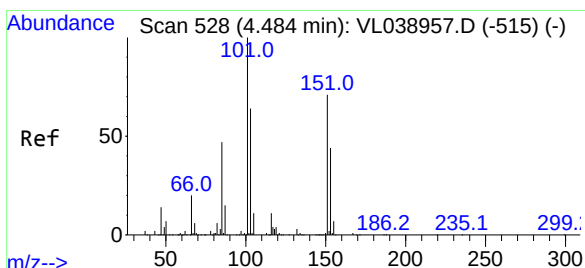
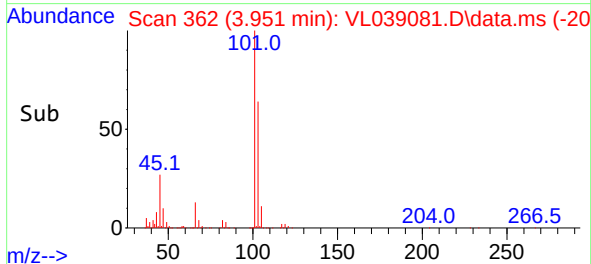
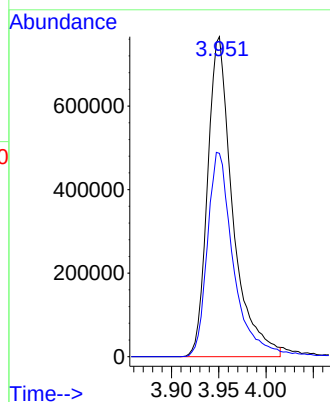
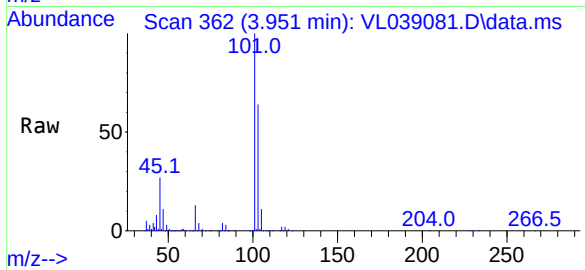
#11
Trichlorofluoromethane
Concen: 12.499 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 141388
Ion Ratio Lower Upper
101 100
103 63.6 51.5 77.3

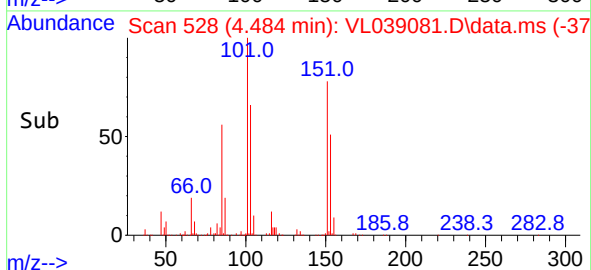
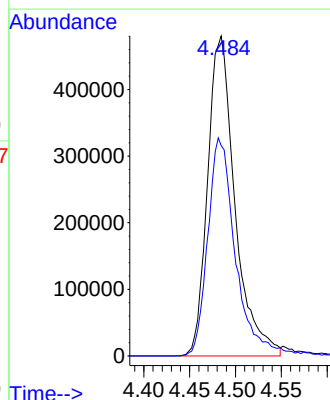
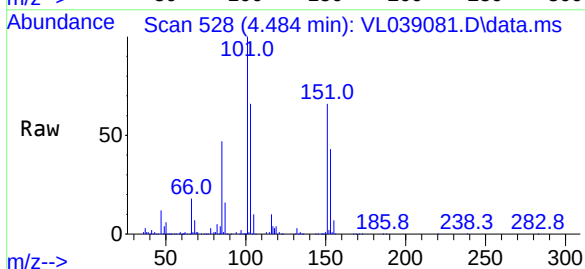
Manual Integrations
APPROVED

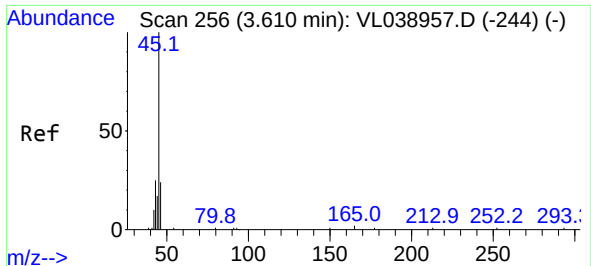
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 12.785 ppbv
RT: 4.484 min Scan# 528
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion:101 Resp: 996306
Ion Ratio Lower Upper
101 100
151 69.8 55.4 83.0





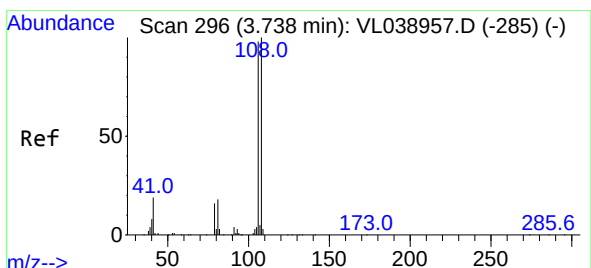
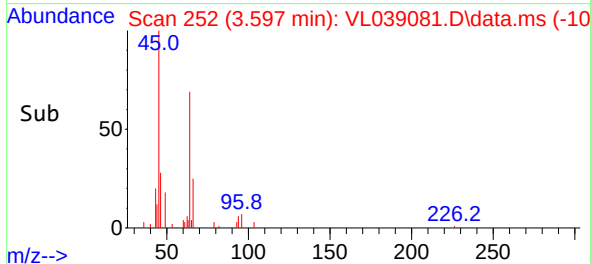
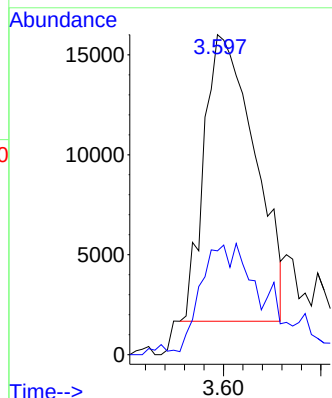
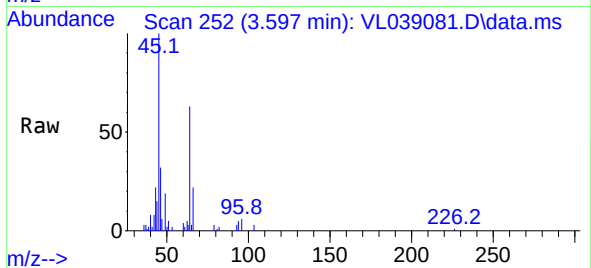
#13
Ethanol
Concen: 8.007 ppbv
RT: 3.597 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 25839
Ion Ratio Lower Upper
45 100
46 57.2 18.0 72.2

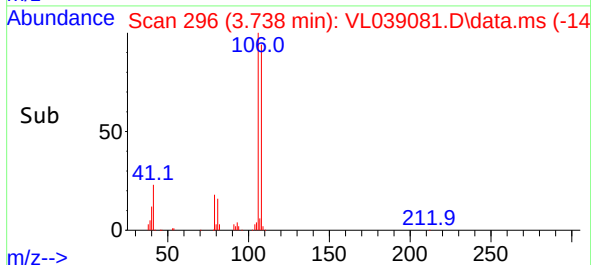
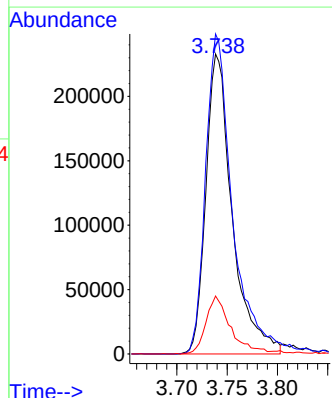
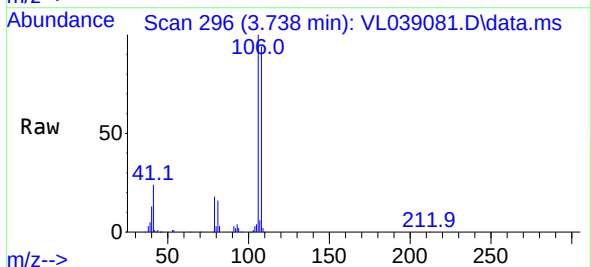
Manual Integrations
APPROVED

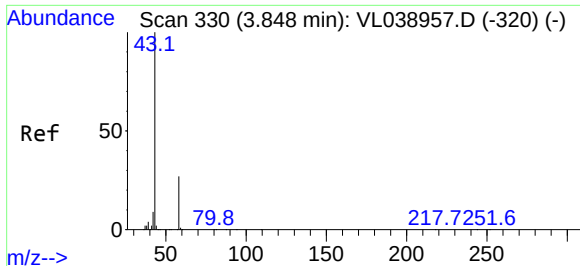
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#14
Bromoethene
Concen: 13.191 ppbv
RT: 3.738 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion:108 Resp: 423874
Ion Ratio Lower Upper
108 100
106 111.4 90.3 135.5
79 19.2 14.9 22.3





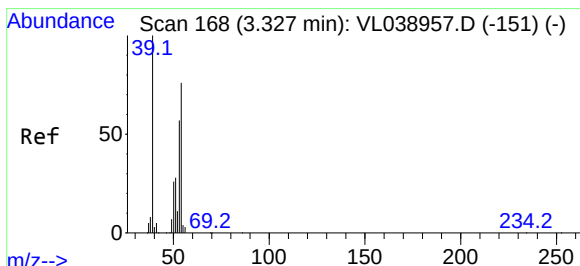
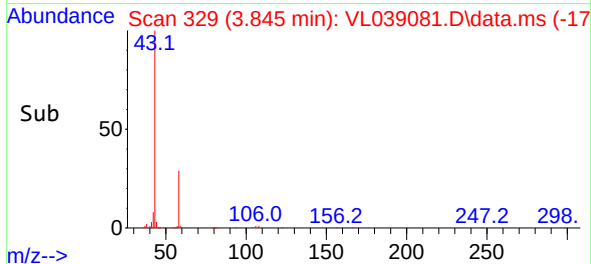
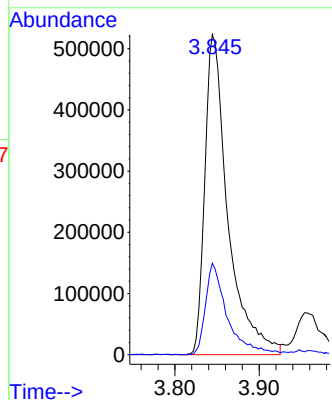
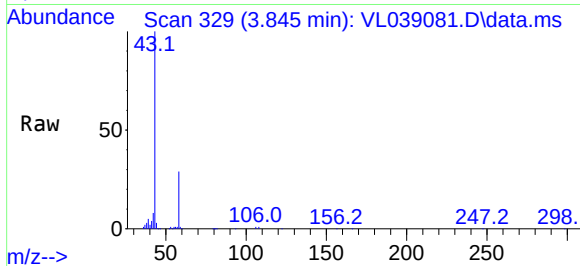
#15
Acetone
Concen: 12.569 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 997660
Ion Ratio Lower Upper
43 100
58 26.9 21.3 31.9

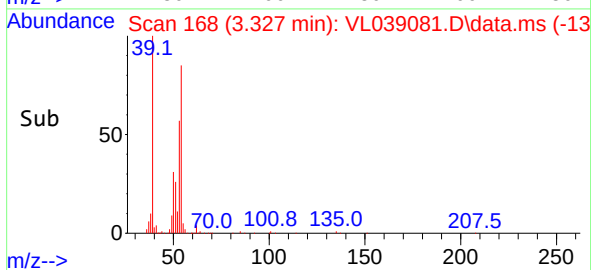
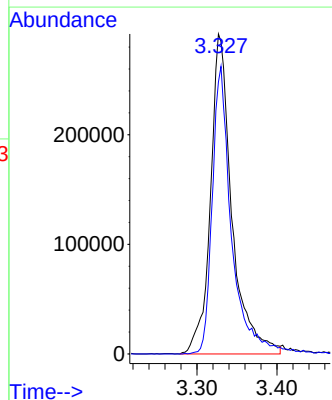
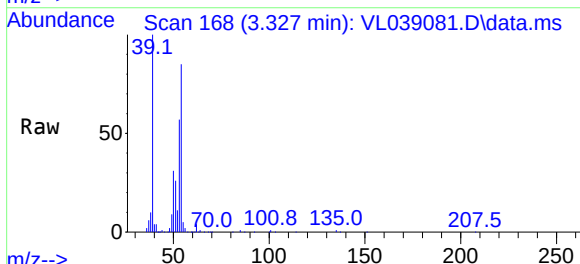
Manual Integrations
APPROVED

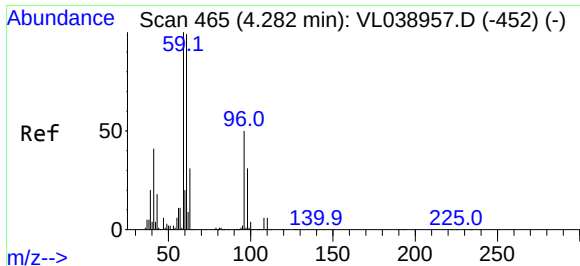
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#16
1,3-Butadiene
Concen: 11.959 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion: 39 Resp: 545408
Ion Ratio Lower Upper
39 100
54 81.6 65.2 97.8





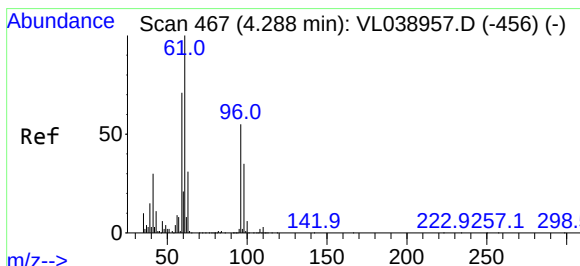
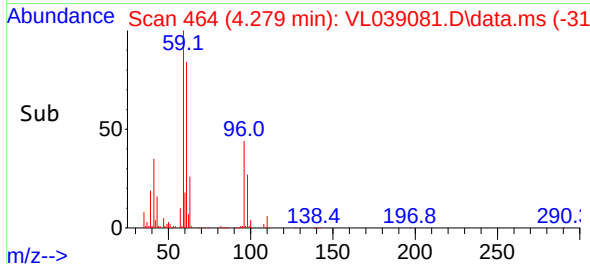
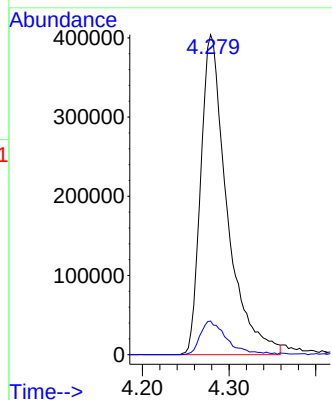
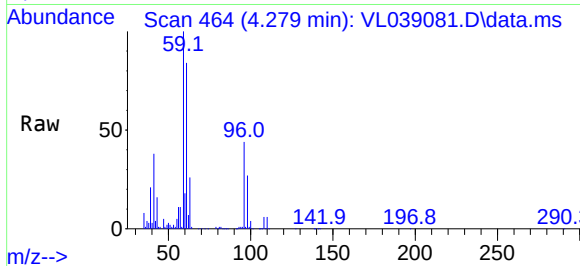
#17
tert-Butyl alcohol
Concen: 13.976 ppbv
RT: 4.279 min Scan# 40
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 852620
Ion Ratio Lower Upper
59 100
57 11.0 9.2 13.8

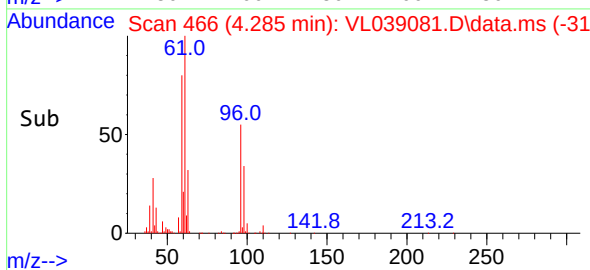
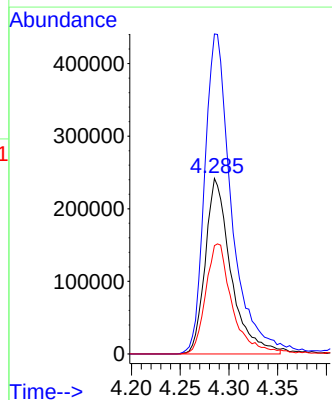
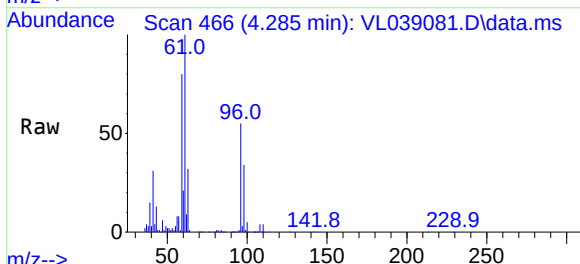
Manual Integrations
APPROVED

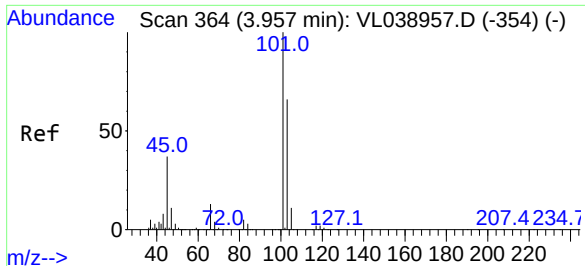
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#18
1,1-Dichloroethene
Concen: 13.214 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

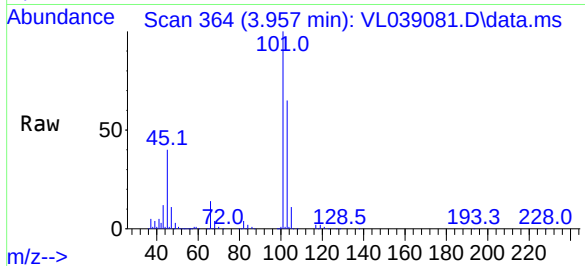
Tgt Ion: 96 Resp: 443173
Ion Ratio Lower Upper
96 100
61 182.0 146.3 219.5
98 61.7 50.6 75.8





#19
Isopropyl Alcohol
Concen: 13.786 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

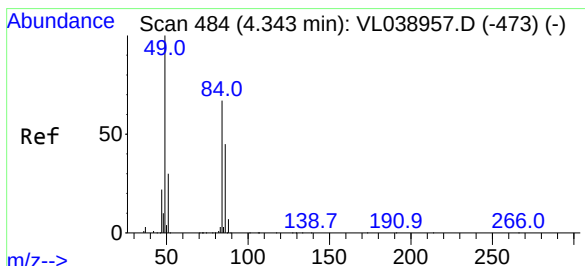
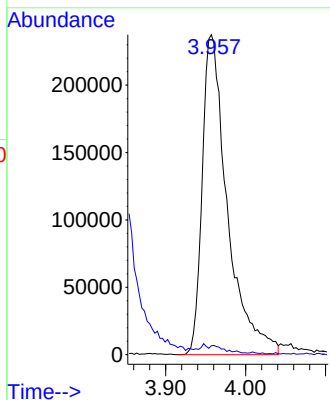
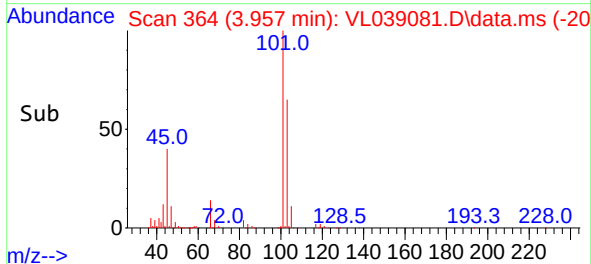
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 520274
Ion Ratio Lower Upper
45 100
58 3.3 1.4 2.2

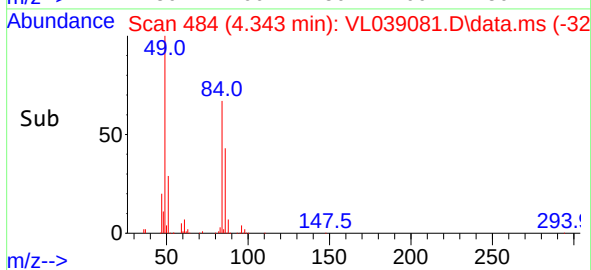
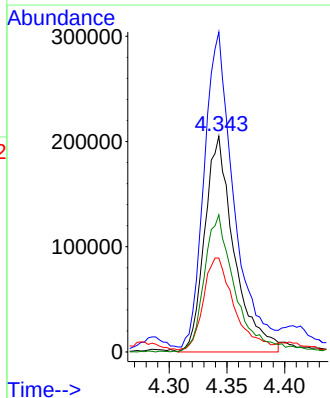
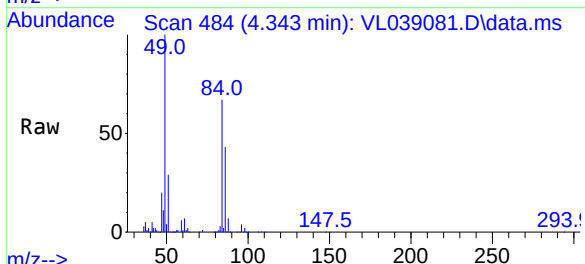
Manual Integrations
APPROVED

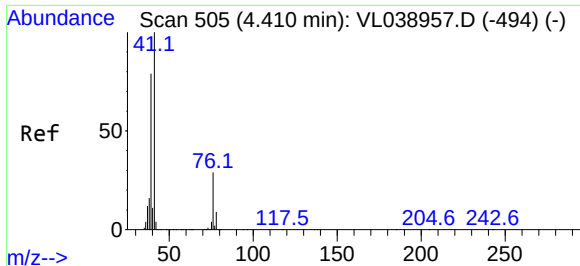
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#20
Methylene Chloride
Concen: 12.160 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion: 84 Resp: 363786
Ion Ratio Lower Upper
84 100
49 145.9 119.9 179.9
51 42.5 35.7 53.5
86 63.3 53.8 80.6





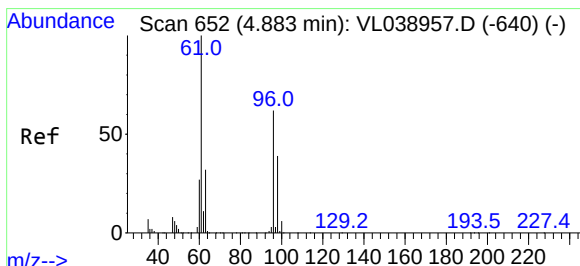
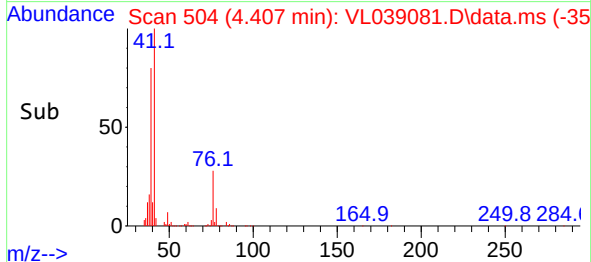
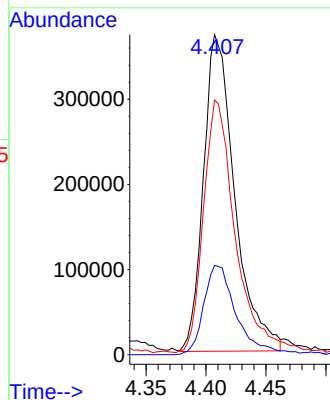
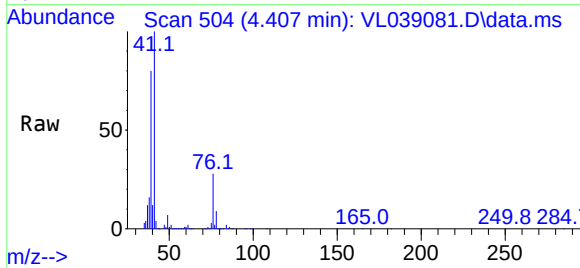
#21
 Allyl Chloride
 Concen: 12.495 ppbv
 RT: 4.407 min Scan# 505
 Delta R.T. -0.003 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 67583
 Ion Ratio Lower Upper
 41 100
 76 29.8 24.2 36.4
 39 82.5 63.8 95.8

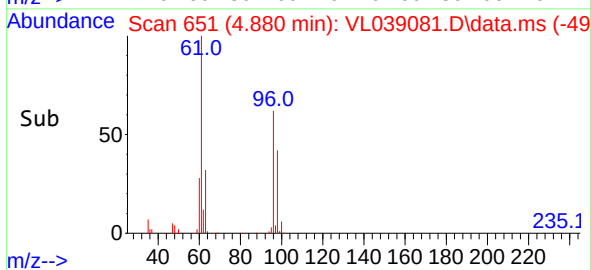
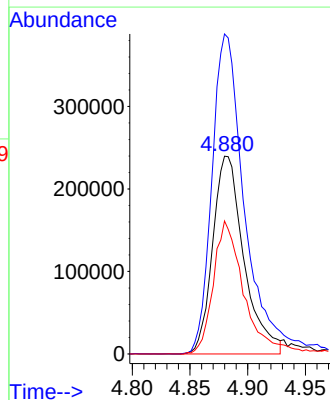
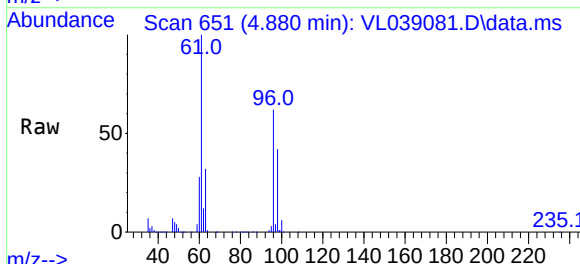
Manual Integrations
 APPROVED

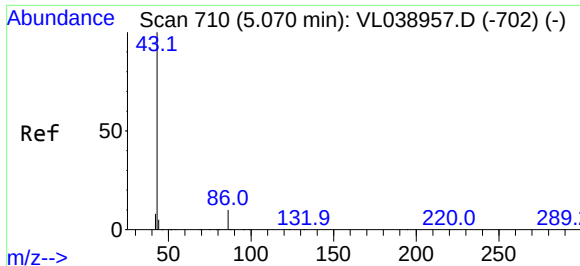
Reviewed By :Semsettin Yesilyurt 05/19/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#22
 trans-1,2-Dichloroethene
 Concen: 12.461 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.003 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

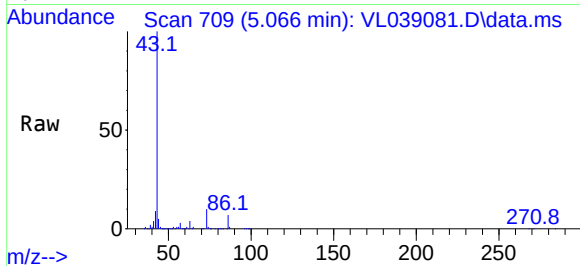
Tgt Ion: 96 Resp: 451427
 Ion Ratio Lower Upper
 96 100
 61 161.8 128.2 192.2
 98 67.3 50.1 75.1





#23
 Vinyl Acetate
 Concen: 13.325 ppbv
 RT: 5.066 min Scan# 709
 Delta R.T. -0.003 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

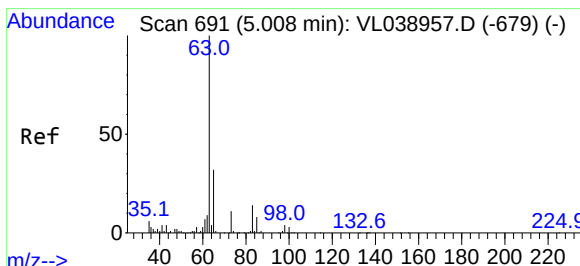
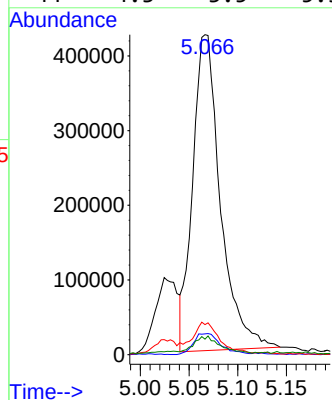
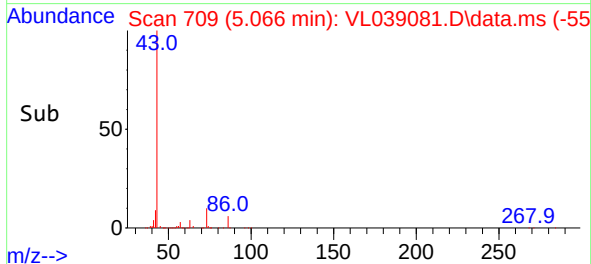


Tgt Ion: 43 Resp: 83688

Ion	Ratio	Lower	Upper
43	100		
86	6.4	6.6	9.8
42	9.4	8.1	12.1
44	4.3	3.5	5.3

Manual Integrations
 APPROVED

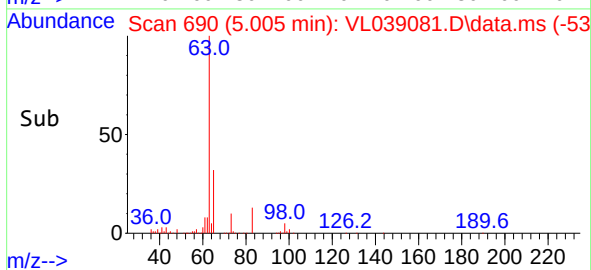
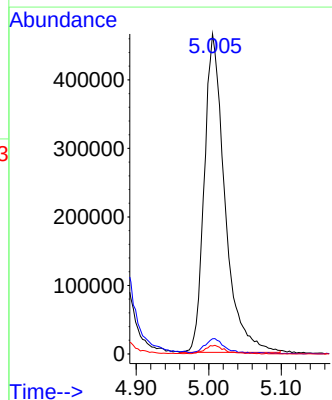
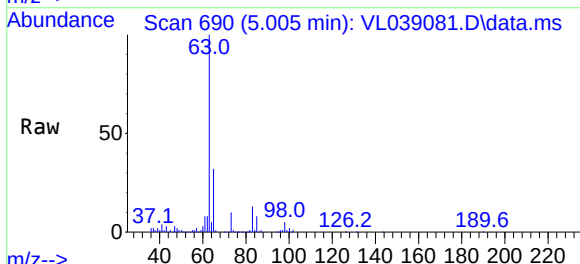
Reviewed By :Semsettin Yesilyurt 05/19/2022
 Supervised By :Mahesh Dadoda 05/20/2022

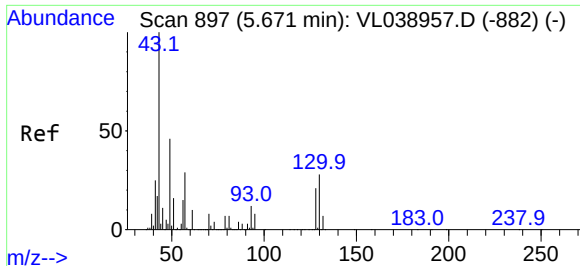


#24
 1,1-Dichloroethane
 Concen: 12.669 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.003 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

Tgt Ion: 63 Resp: 916226

Ion	Ratio	Lower	Upper
63	100		
98	4.6	2.1	6.2
100	2.4	1.4	4.2





#25
Ethyl Acetate
Concen: 11.395 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

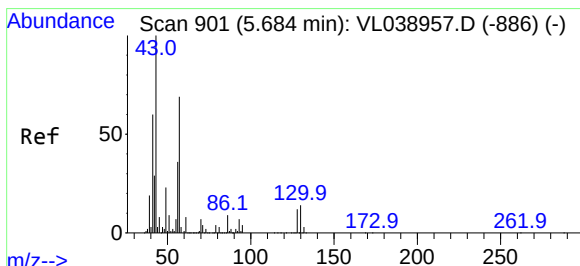
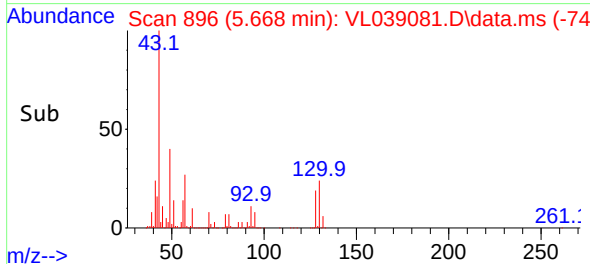
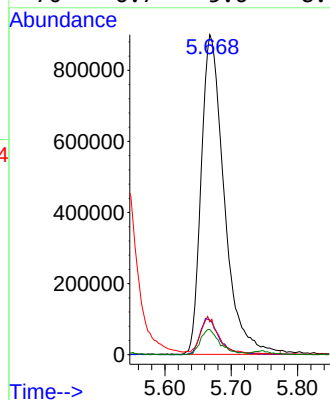
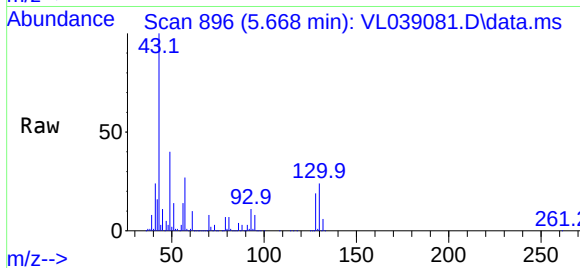
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 216495

Ion	Ratio	Lower	Upper
43	100		
45	9.9	8.1	12.1
61	9.9	7.8	11.6
70	6.7	5.6	8.4

Manual Integrations
APPROVED

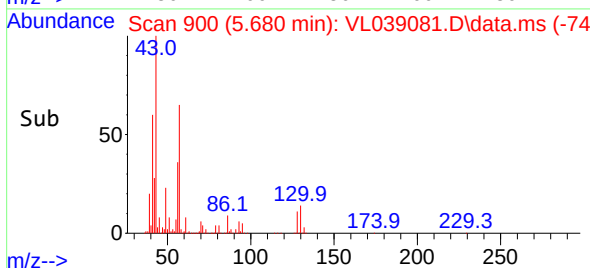
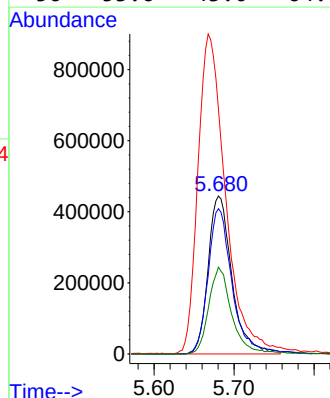
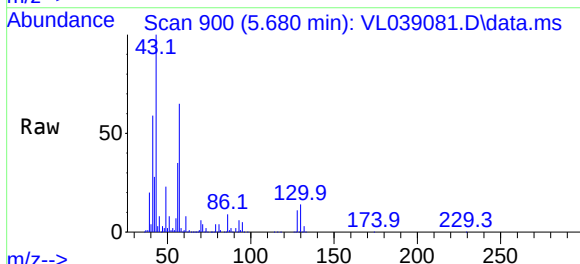
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

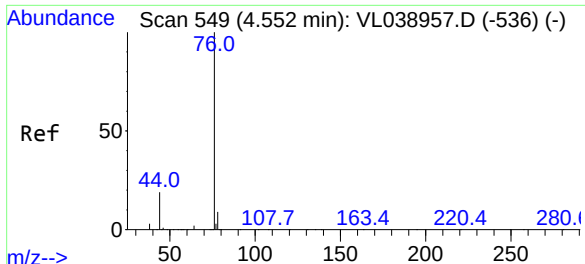


#26
Hexane
Concen: 10.873 ppbv
RT: 5.680 min Scan# 900
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion: 57 Resp: 917834

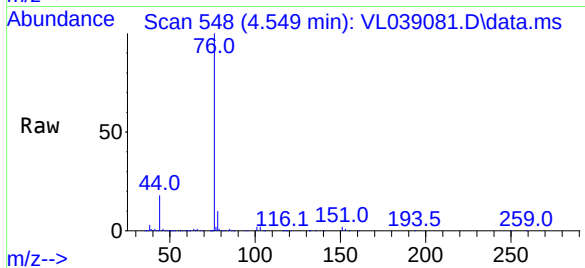
Ion	Ratio	Lower	Upper
57	100		
41	94.0	75.2	112.8
43	238.4	190.8	286.2
56	53.6	43.0	64.6





#27
Carbon Disulfide
Concen: 13.467 ppbv
RT: 4.549 min Scan# 549
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

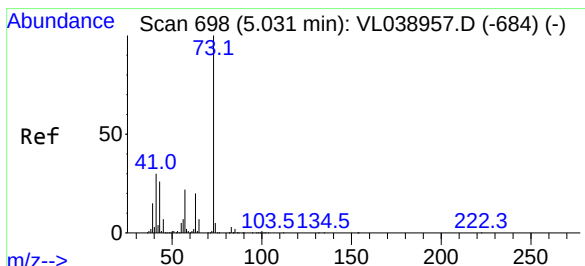
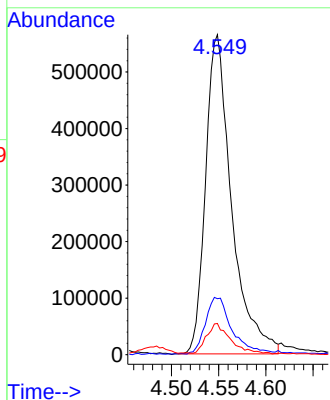
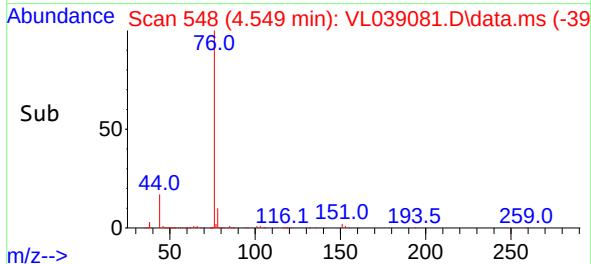
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1079860
Ion Ratio Lower Upper
76 100
44 19.1 15.3 22.9
78 9.7 8.2 12.2

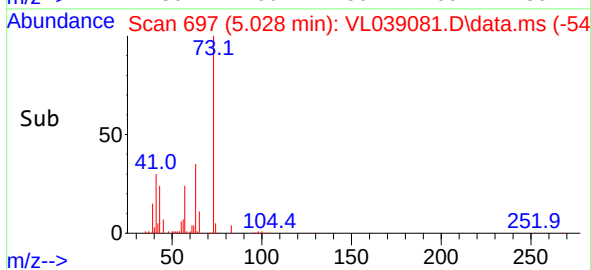
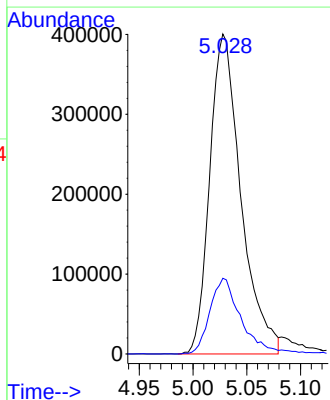
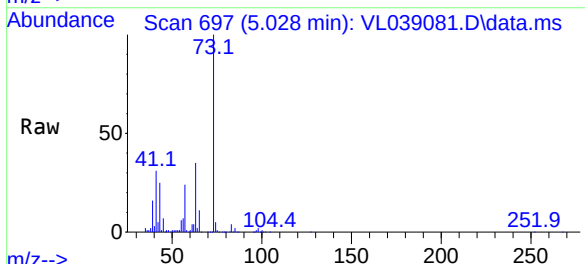
Manual Integrations
APPROVED

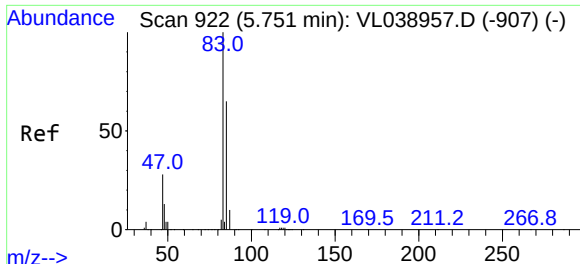
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#28
Methyl tert-Butyl Ether
Concen: 12.585 ppbv
RT: 5.028 min Scan# 697
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion: 73 Resp: 808261
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2





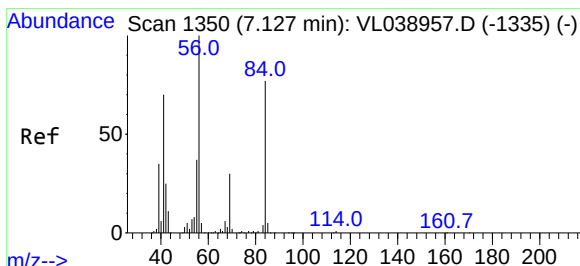
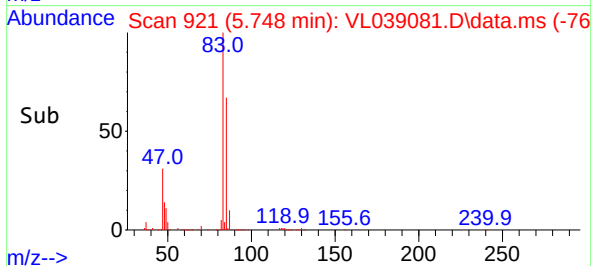
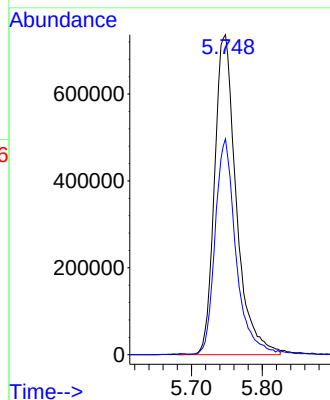
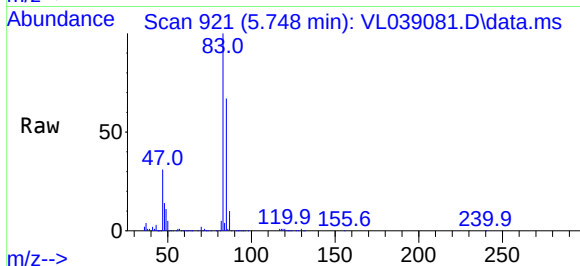
#29
Chloroform
Concen: 11.475 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 1567174
Ion Ratio Lower Upper
83 100
85 67.1 51.8 77.6

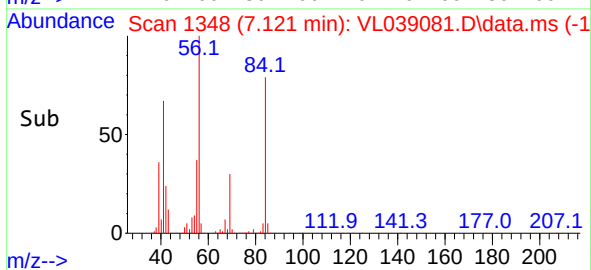
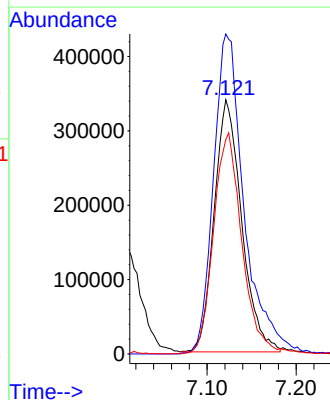
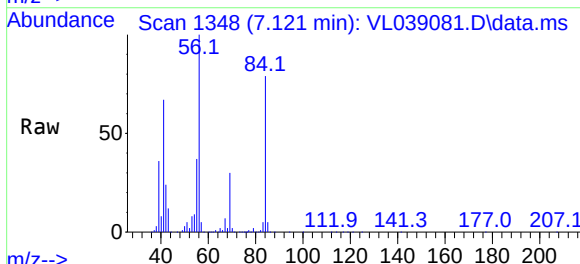
Manual Integrations
APPROVED

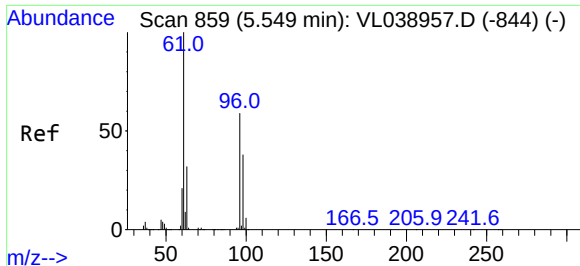
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#30
Cyclohexane
Concen: 10.295 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion: 84 Resp: 727600
Ion Ratio Lower Upper
84 100
56 142.2 115.3 172.9
41 91.2 72.0 108.0





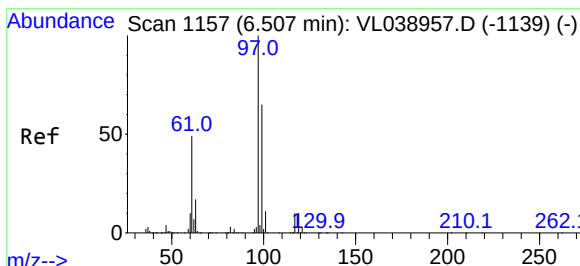
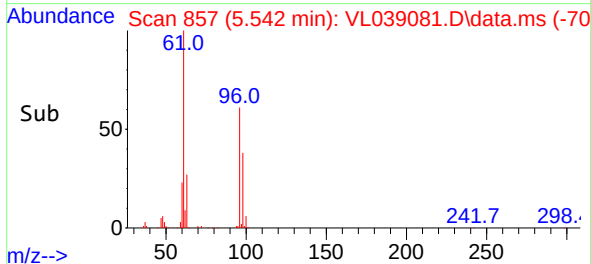
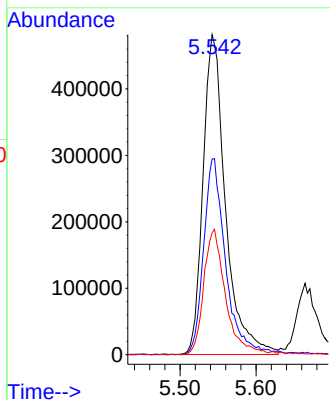
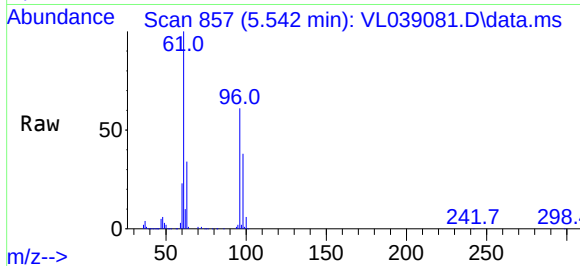
#31
 cis-1,2-Dichloroethene
 Concen: 11.499 ppbv
 RT: 5.542 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 61 Resp: 988920
 Ion Ratio Lower Upper
 61 100
 96 61.1 47.4 71.0
 98 38.1 30.6 45.8

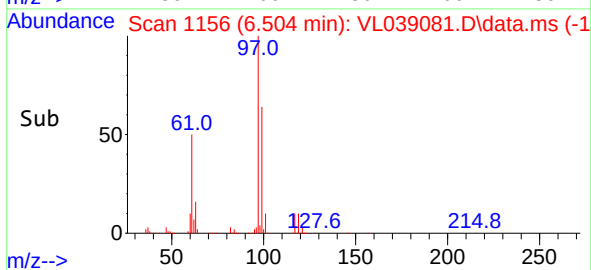
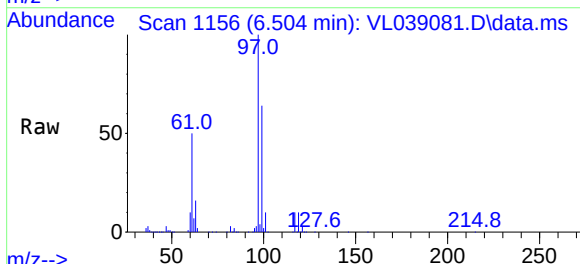
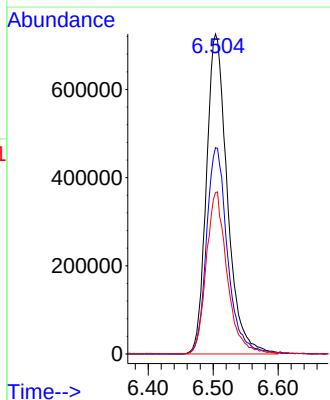
Manual Integrations
 APPROVED

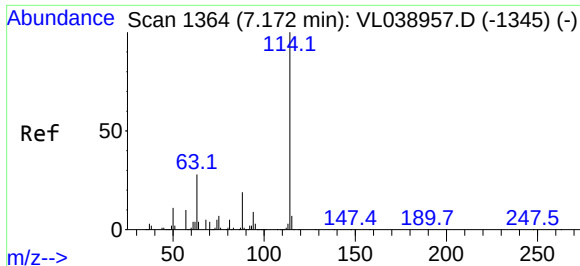
Reviewed By :Semsettin Yesilyurt 05/19/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#32
 1,1,1-Trichloroethane
 Concen: 11.894 ppbv
 RT: 6.504 min Scan# 1156
 Delta R.T. -0.003 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

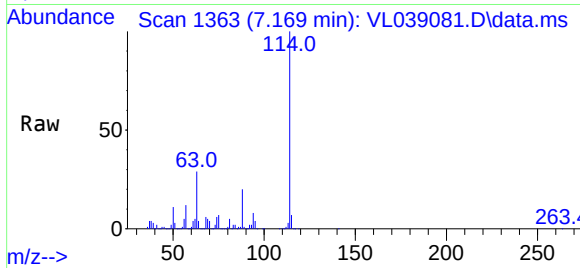
Tgt Ion: 97 Resp: 1624165
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.9 77.9
 61 50.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

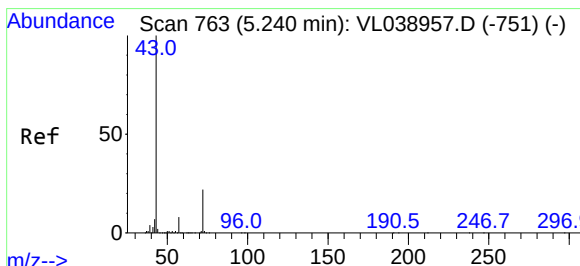
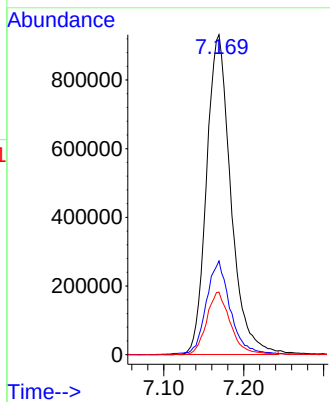
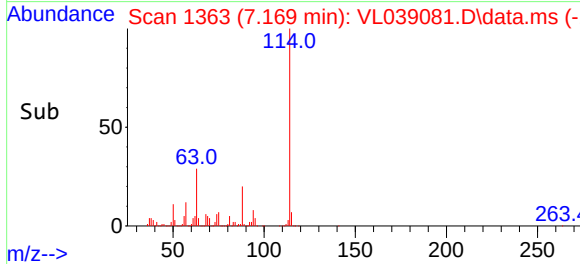
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



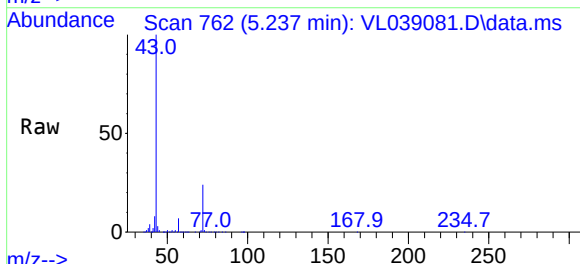
Tgt Ion:114 Resp: 1966350
Ion Ratio Lower Upper
114 100
63 29.4 22.6 33.8
88 19.3 15.4 23.0

Manual Integrations
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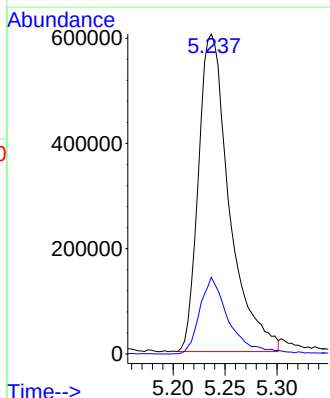
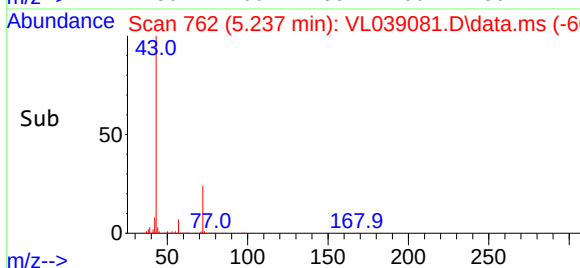
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

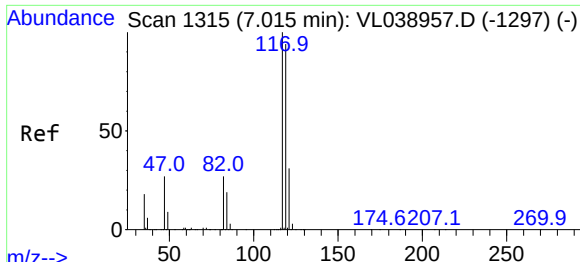


#34
2-Butanone
Concen: 12.421 ppbv
RT: 5.237 min Scan# 762
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



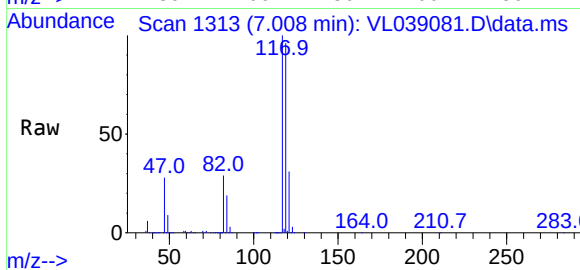
Tgt Ion: 43 Resp: 1246012
Ion Ratio Lower Upper
43 100
72 23.4 17.8 26.6





#35
Carbon Tetrachloride
Concen: 12.926 ppbv
RT: 7.008 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

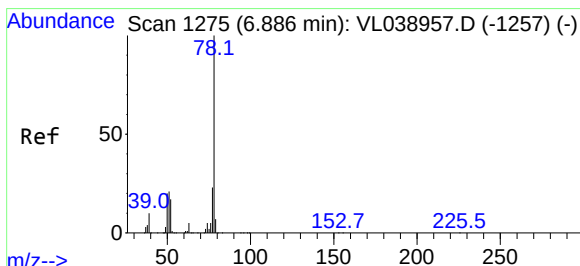
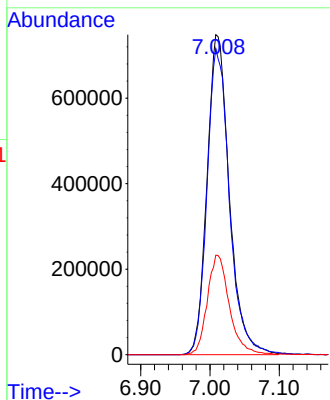
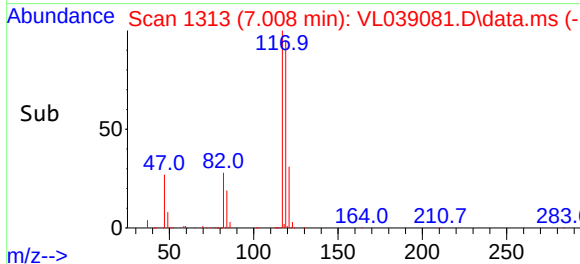
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



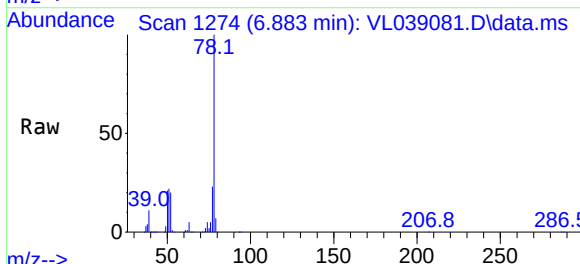
Tgt Ion: 117 Resp: 1674670
Ion Ratio Lower Upper
117 100
119 95.7 75.2 112.8
121 31.1 24.6 37.0

Manual Integrations
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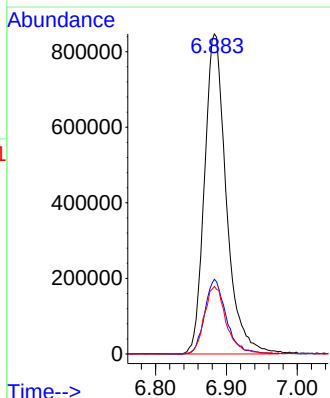
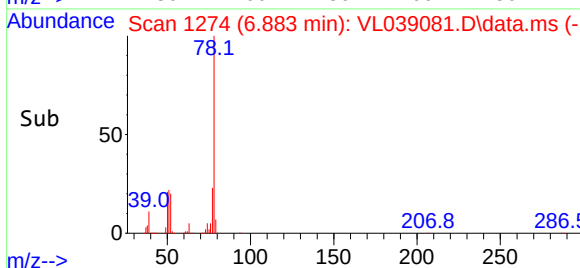
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

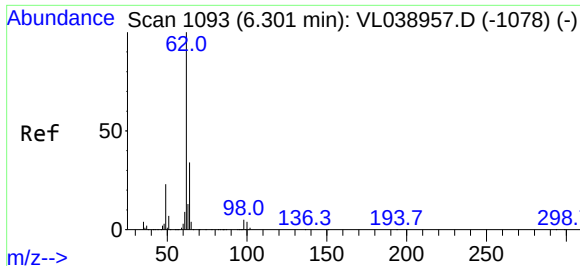


#36
Benzene
Concen: 10.748 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



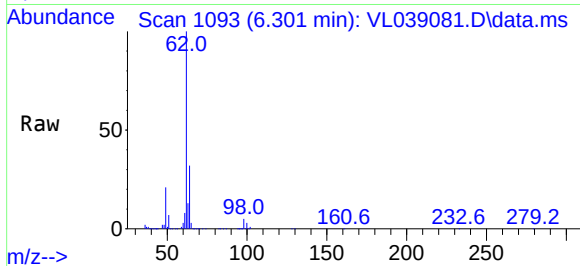
Tgt Ion: 78 Resp: 1808643
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0
50 21.1 15.6 23.4





#37
1,2-Dichloroethane
Concen: 12.595 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

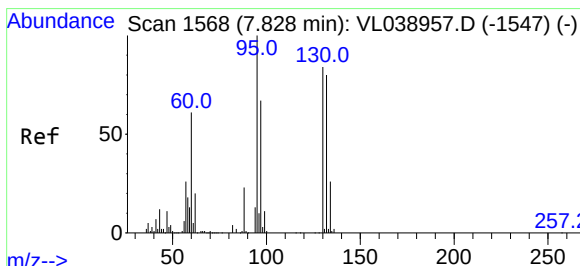
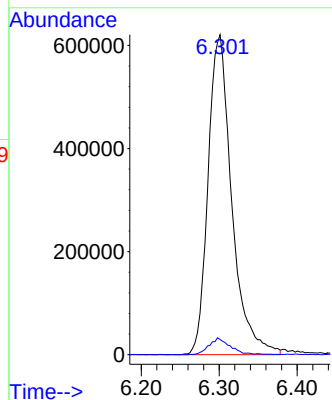
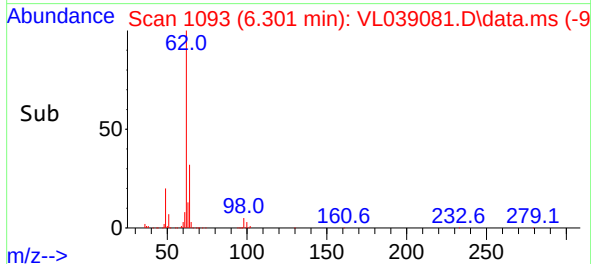
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



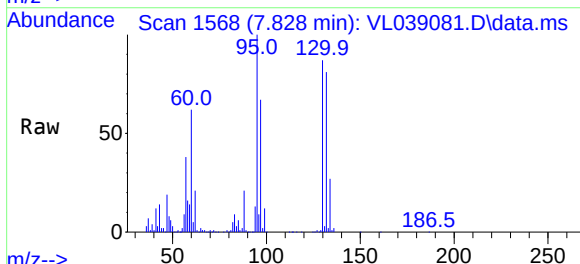
Tgt Ion: 62 Resp: 1311360
Ion Ratio Lower Upper
62 100
98 4.8 4.5 6.7

Manual Integrations
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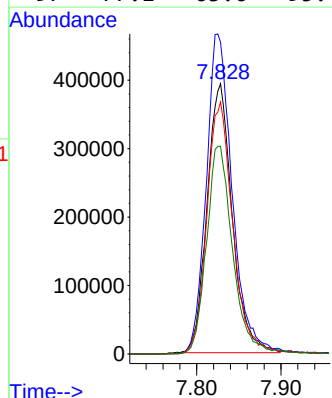
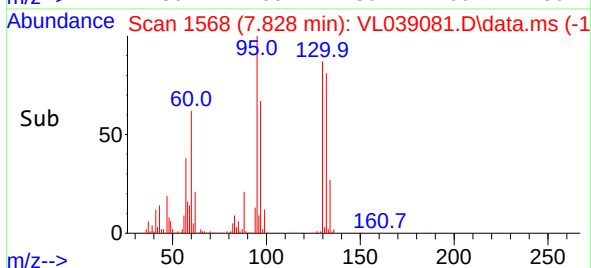
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

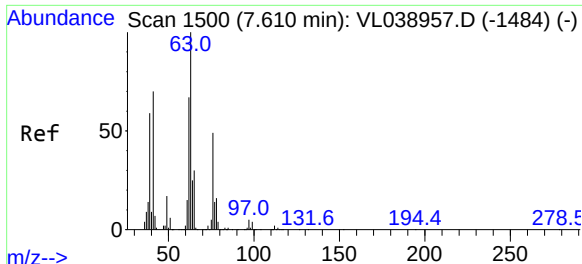


#38
Trichloroethene
Concen: 10.946 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



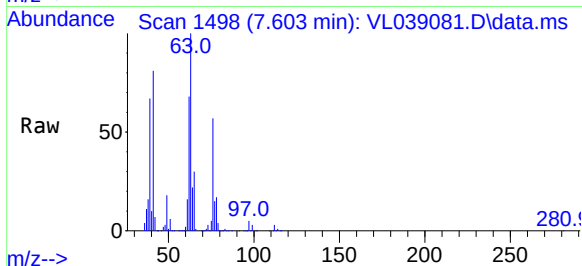
Tgt Ion:130 Resp: 818856
Ion Ratio Lower Upper
130 100
95 115.6 94.8 142.2
132 93.5 75.8 113.8
97 77.1 63.6 95.4





#39
1,2-Dichloropropane
Concen: 11.049 ppbv
RT: 7.603 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

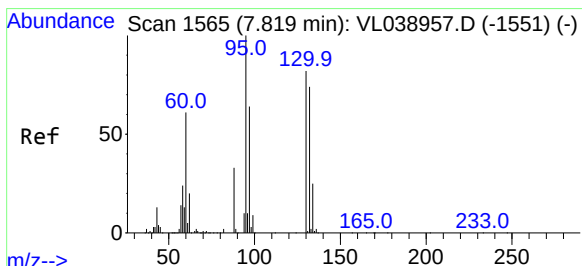
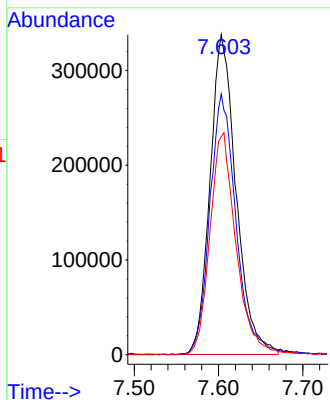
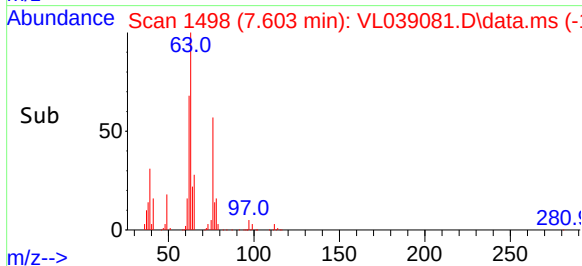
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



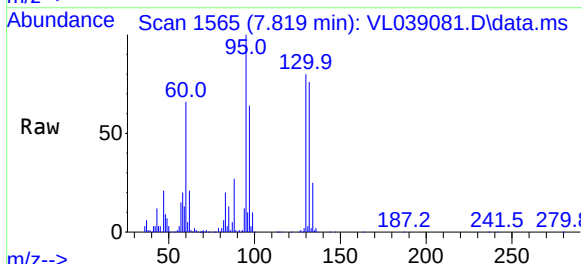
Tgt Ion: 63 Resp: 723474
Ion Ratio Lower Upper
63 100
41 81.3 55.9 83.9
62 68.2 53.8 80.6

Manual Integrations
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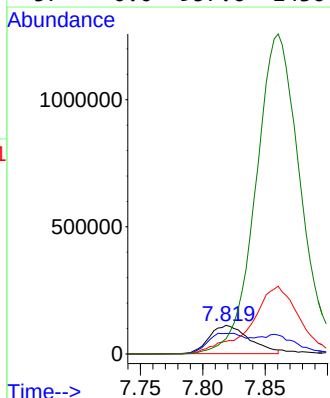
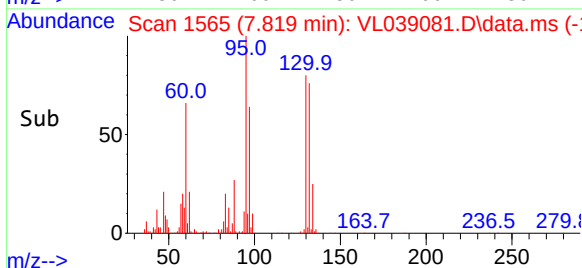
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

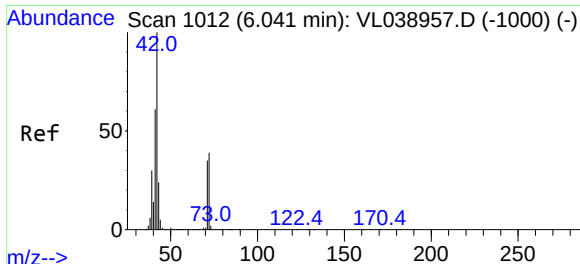


#40
1,4-Dioxane
Concen: 10.538 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



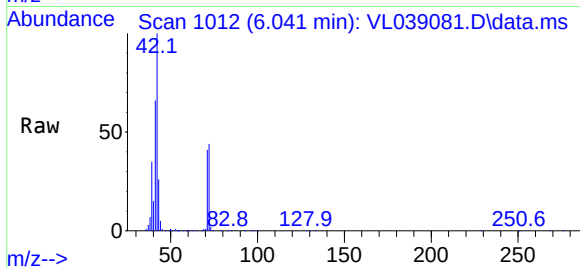
Tgt Ion: 88 Resp: 247817
Ion Ratio Lower Upper
88 100
58 65.1 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 10.922 ppbv
RT: 6.041 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

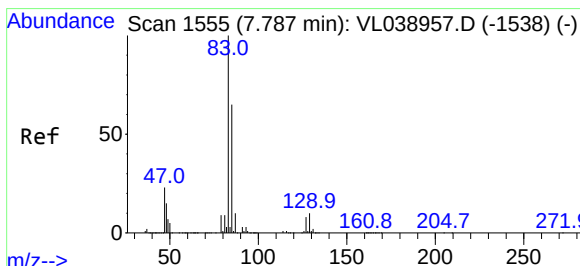
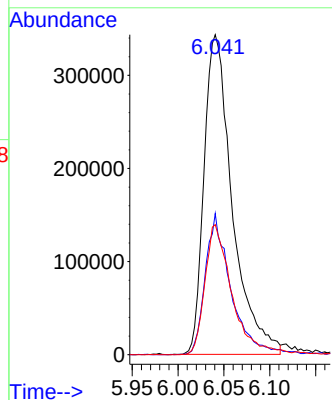
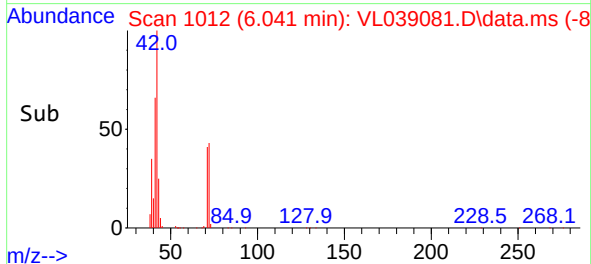
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MSVOA_L
ClientSampleId :
VSTDCCC010EC



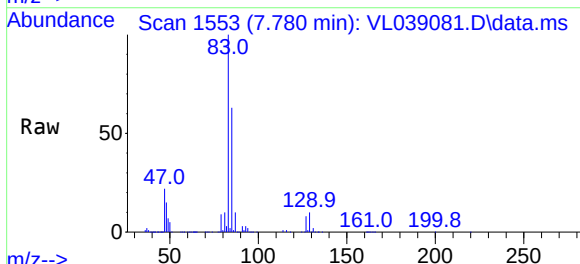
Tgt Ion: 42 Resp: 73636
Ion Ratio Lower Upper
42 100
72 40.4 31.8 47.6
71 39.4 30.6 45.8

Manual Integrations
APPROVED

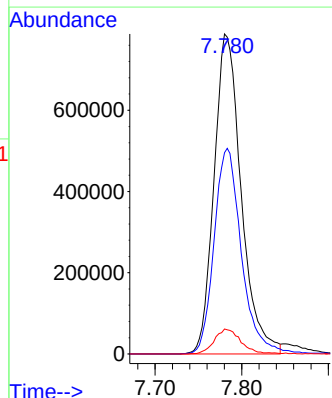
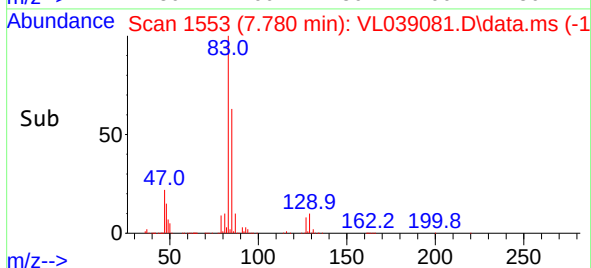
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

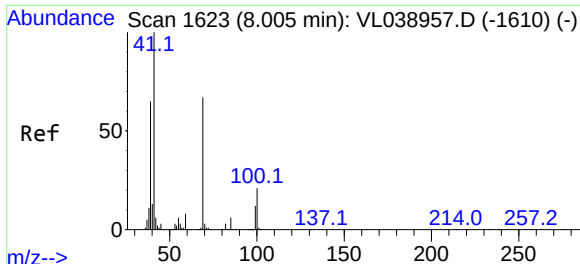


#42
Bromodichloromethane
Concen: 12.051 ppbv
RT: 7.780 min Scan# 1553
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



Tgt Ion: 83 Resp: 1715402
Ion Ratio Lower Upper
83 100
85 62.9 52.0 78.0
127 7.8 6.0 9.0





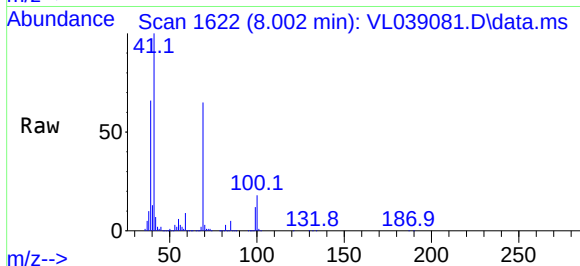
#43
Methyl Methacrylate
Concen: 11.190 ppbv
RT: 8.002 min Scan# 1622
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

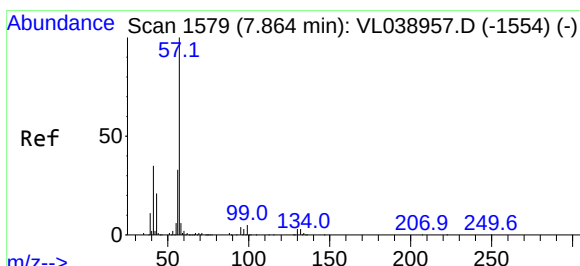
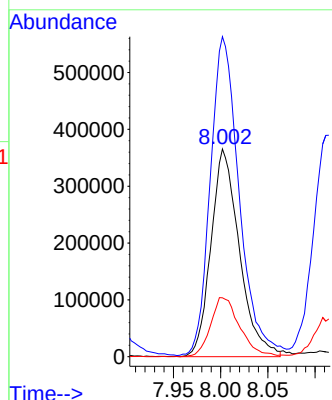
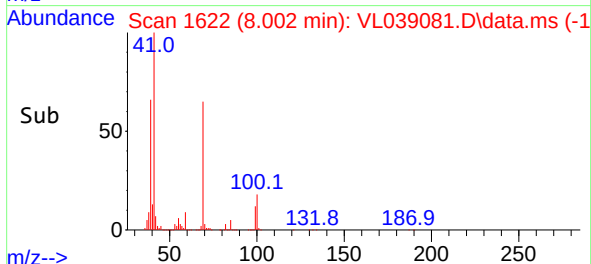


Tgt Ion: 69 Resp: 764444
Ion Ratio Lower Upper
69 100
41 157.1 121.9 182.9
100 29.2 24.6 36.8

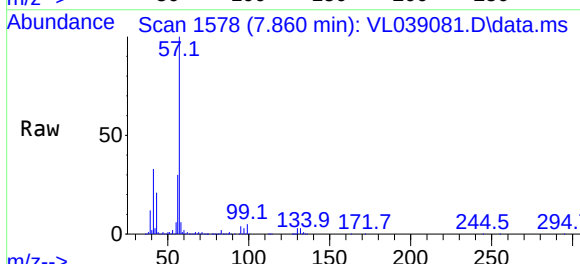
Manual Integrations

APPROVED

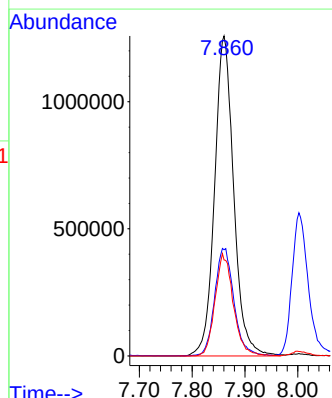
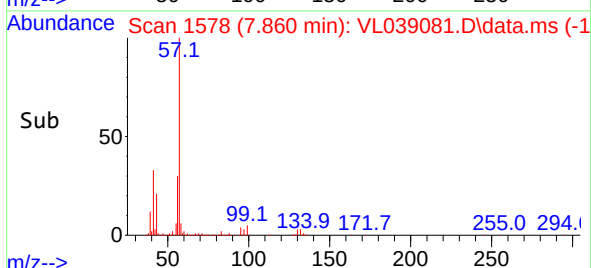
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

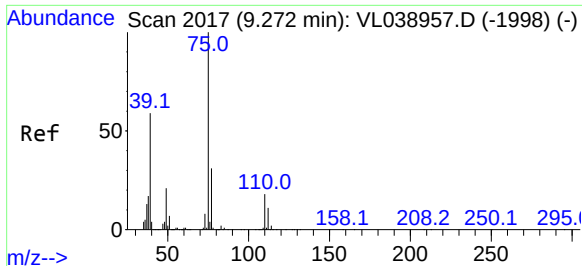


#44
2,2,4-Trimethylpentane
Concen: 10.729 ppbv
RT: 7.860 min Scan# 1578
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



Tgt Ion: 57 Resp: 3168173
Ion Ratio Lower Upper
57 100
41 33.9 26.3 39.5
56 30.6 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 13.417 ppbv
RT: 9.266 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

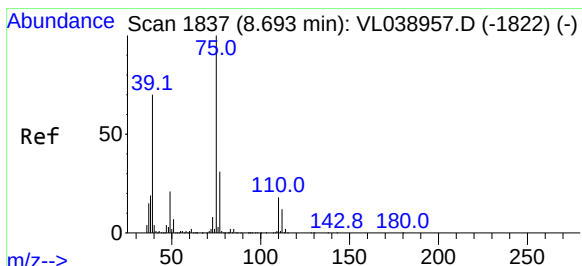
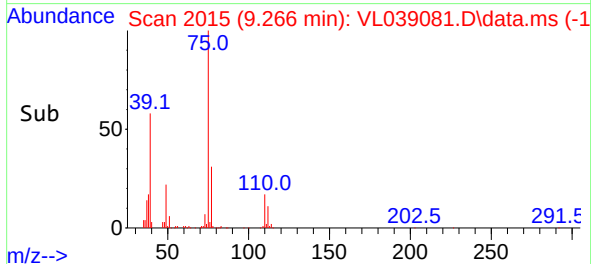
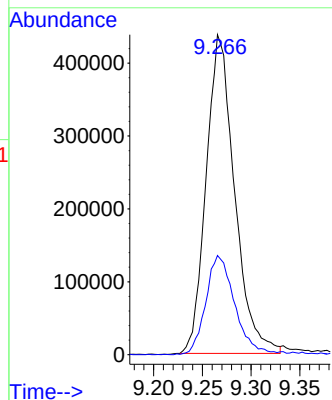
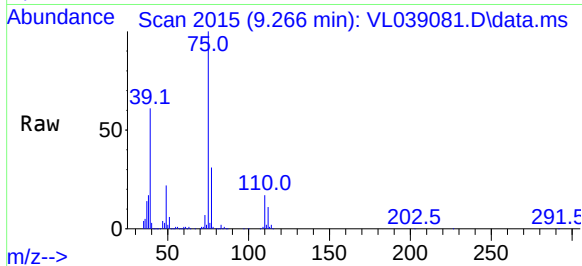
VSTDCCC010EC

Tgt Ion: 75 Resp: 887254
Ion Ratio Lower Upper
75 100
77 31.0 24.6 37.0

Manual Integrations

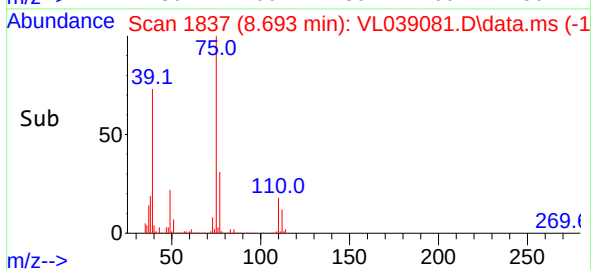
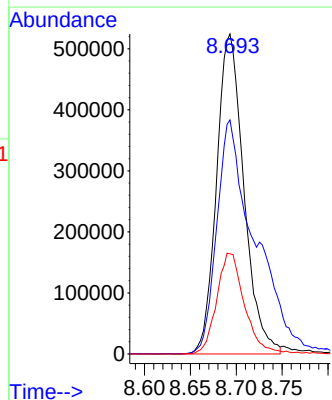
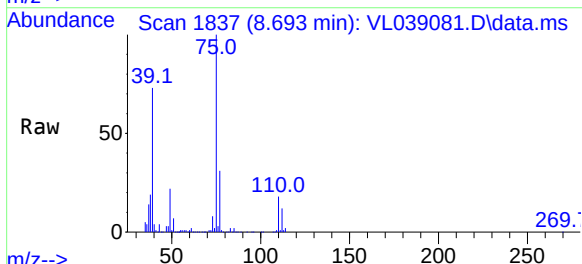
APPROVED

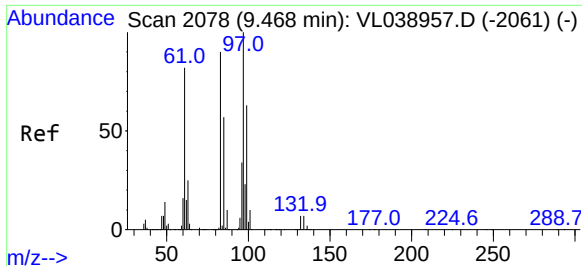
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#46
cis-1,3-Dichloropropene
Concen: 12.381 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Tgt Ion: 75 Resp: 1085759
Ion Ratio Lower Upper
75 100
39 73.1 55.8 83.6
77 31.3 24.8 37.2





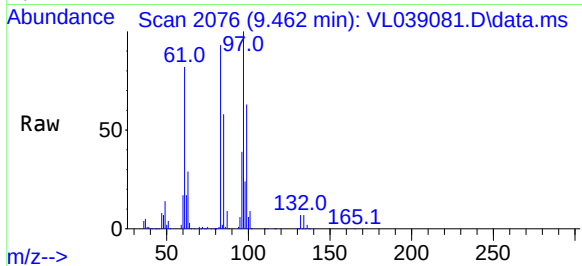
#47
1,1,2-Trichloroethane
Concen: 10.820 ppbv
RT: 9.462 min Scan# 2078
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

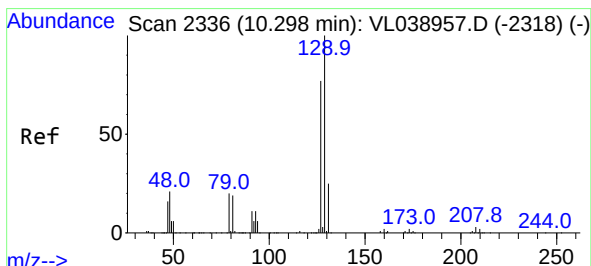
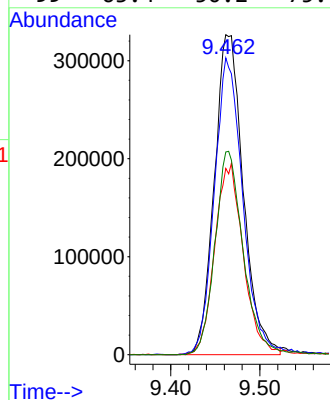
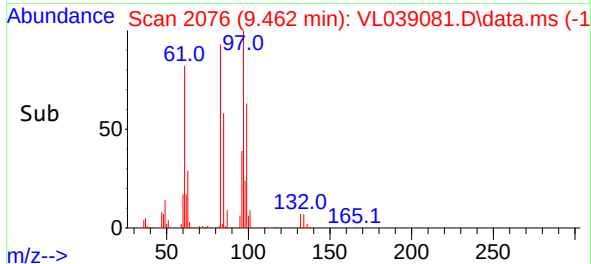


Tgt Ion: 97 Resp: 736828
Ion Ratio Lower Upper
97 100
83 92.5 72.0 108.0
85 58.1 45.7 68.5
99 63.4 50.2 75.4

Manual Integrations

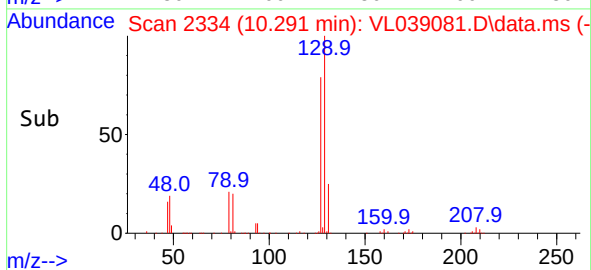
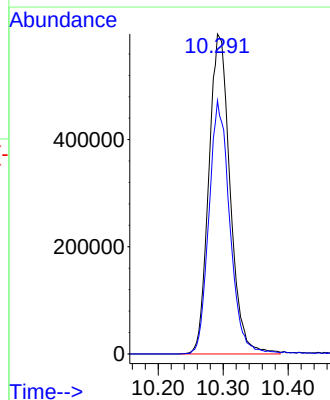
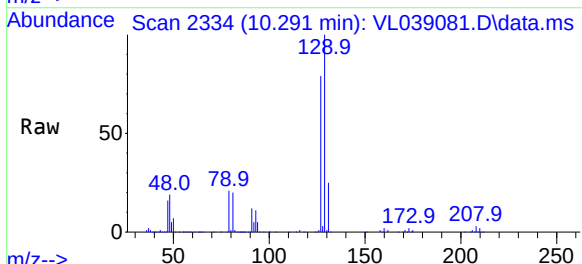
APPROVED

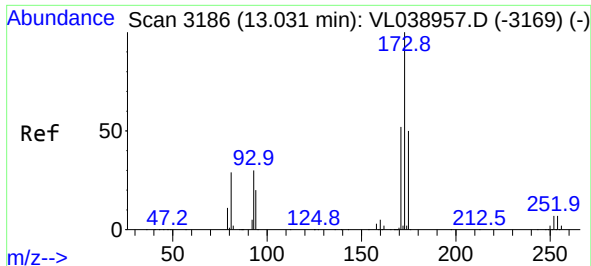
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#48
Dibromochloromethane
Concen: 12.272 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

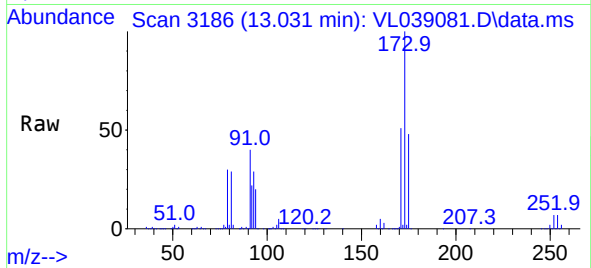
Tgt Ion:129 Resp: 1360171
Ion Ratio Lower Upper
129 100
127 78.0 39.3 117.9





#49
Bromoform
Concen: 12.297 ppbv
RT: 13.031 min Scan# 3186
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

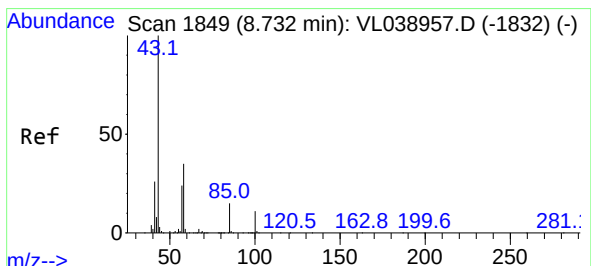
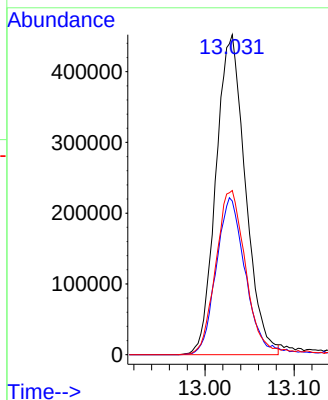
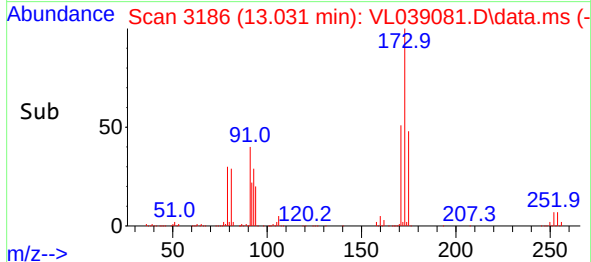
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



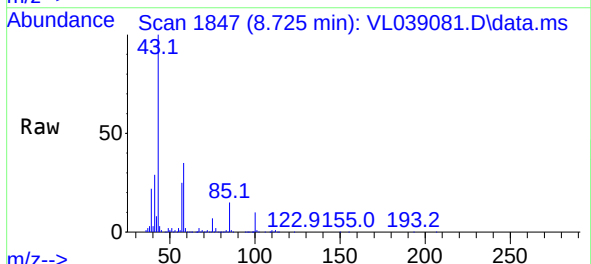
Tgt Ion:173 Resp: 1039462
Ion Ratio Lower Upper
173 100
175 49.3 41.0 61.6
171 53.2 42.6 64.0

Manual Integrations
APPROVED

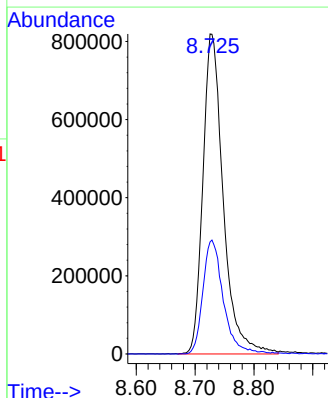
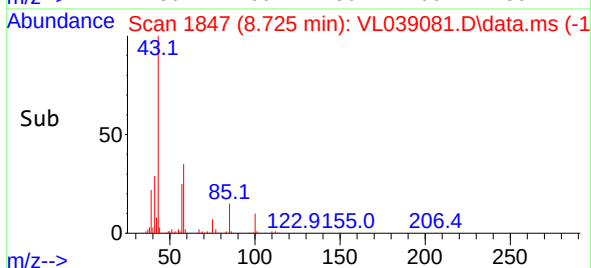
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

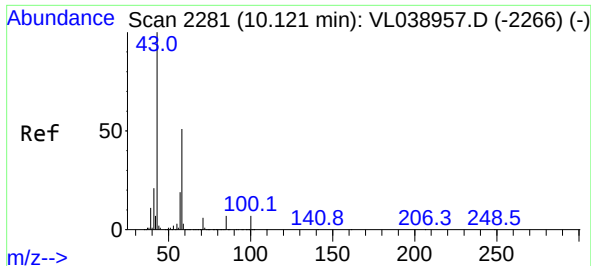


#50
4-Methyl-2-Pentanone
Concen: 11.171 ppbv
RT: 8.725 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



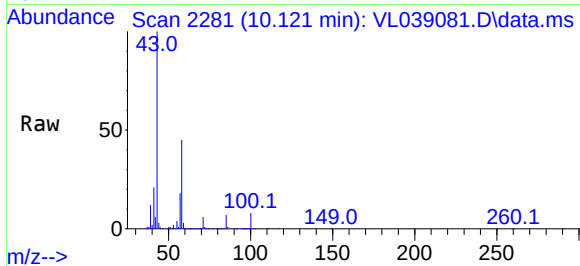
Tgt Ion: 43 Resp: 1965177
Ion Ratio Lower Upper
43 100
58 36.1 28.4 42.6





#51
2-Hexanone
Concen: 12.069 ppbv
RT: 10.121 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

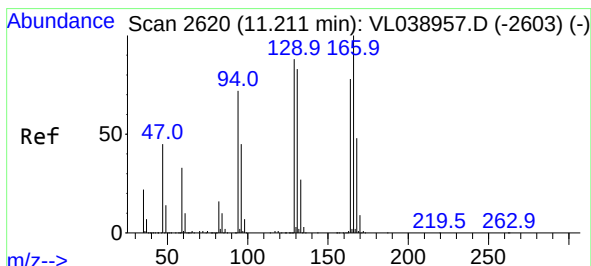
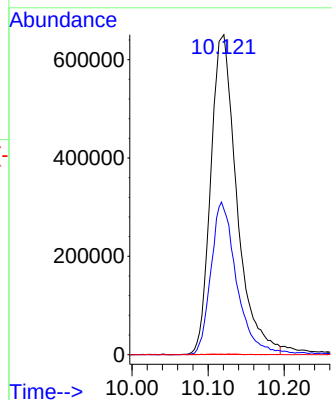
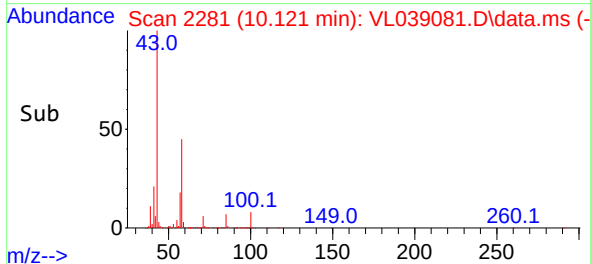
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



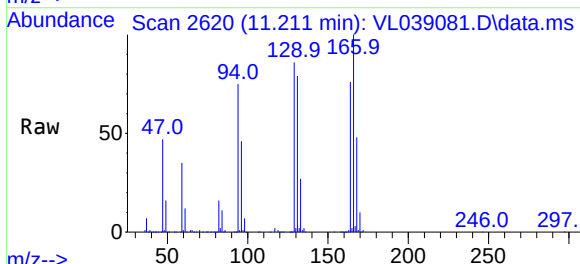
Tgt Ion: 43 Resp: 1549494
Ion Ratio Lower Upper
43 100
58 47.9 39.3 58.9
98 0.3 0.2 0.2

Manual Integrations
APPROVED

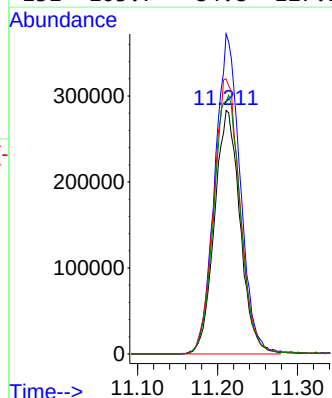
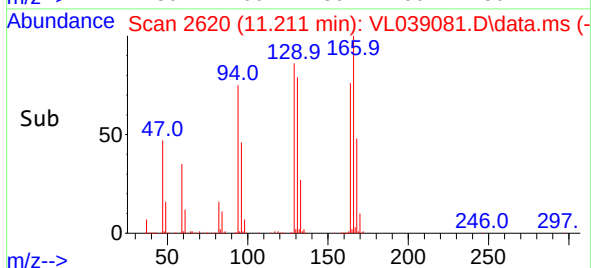
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

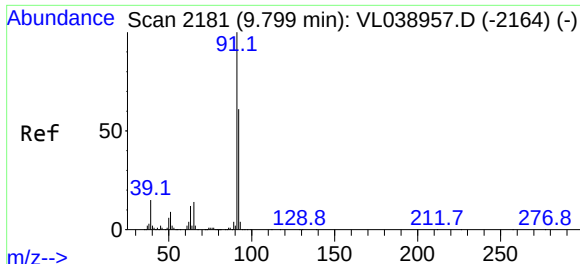


#52
Tetrachloroethene
Concen: 10.470 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



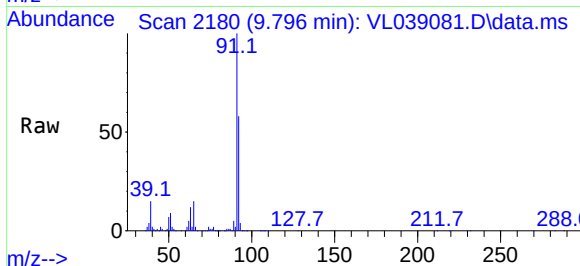
Tgt Ion:164 Resp: 629611
Ion Ratio Lower Upper
164 100
166 131.4 102.5 153.7
129 112.8 90.1 135.1
131 103.7 84.8 127.2





#53
Toluene
Concen: 11.035 ppbv
RT: 9.796 min Scan# 2181
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

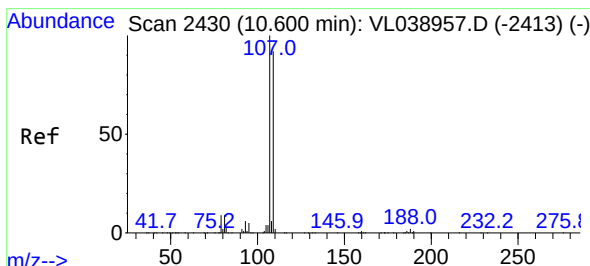
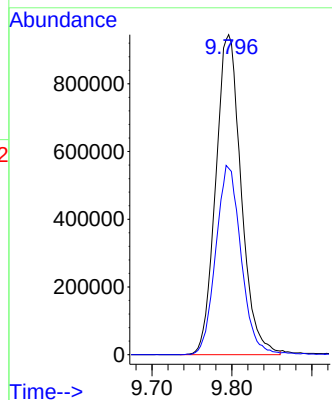
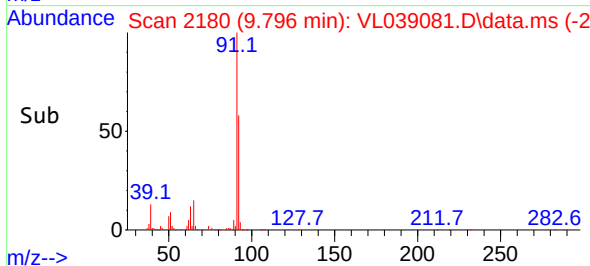
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



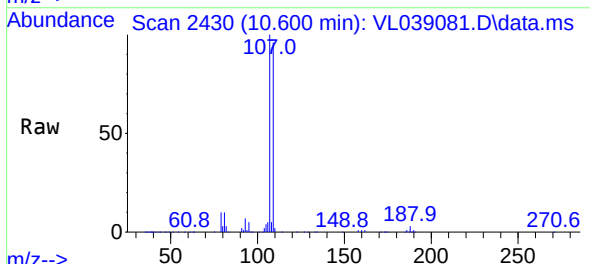
Tgt Ion: 91 Resp: 208135
Ion Ratio Lower Upper
91 100
92 59.4 48.2 72.2

Manual Integrations
APPROVED

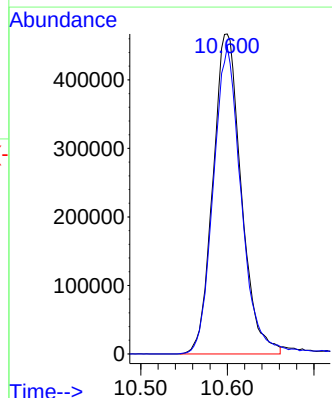
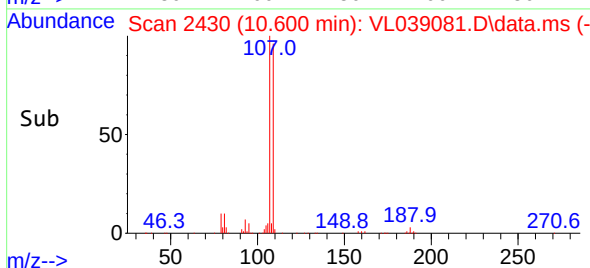
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

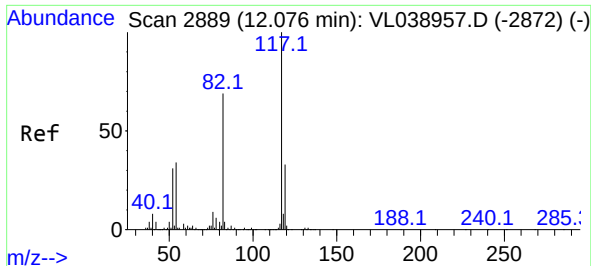


#54
1,2-Dibromoethane
Concen: 11.431 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



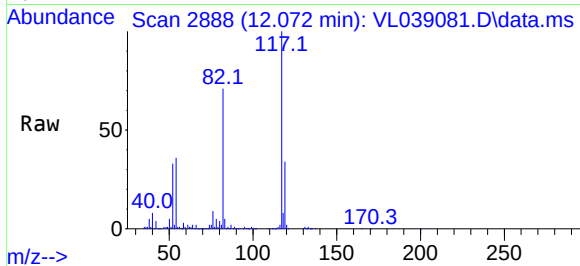
Tgt Ion:107 Resp: 1059756
Ion Ratio Lower Upper
107 100
109 95.9 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.072 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

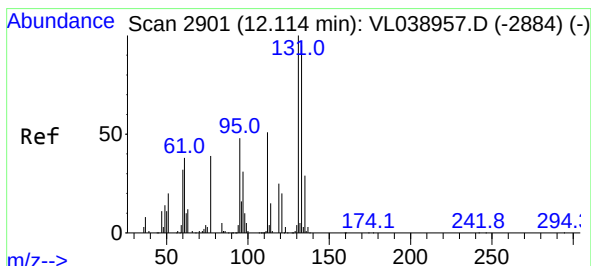
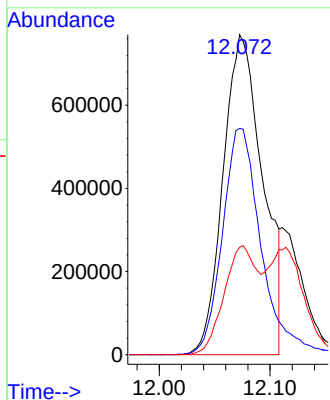
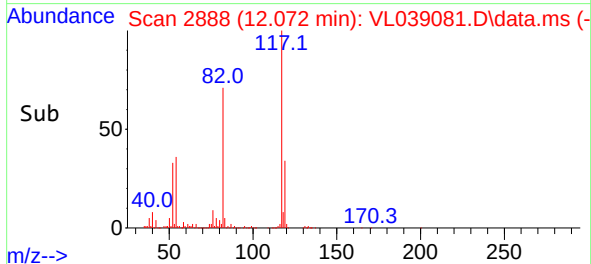
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



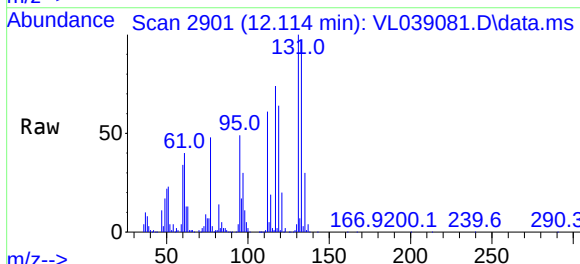
Tgt Ion:117 Resp: 190809
Ion Ratio Lower Upper
117 100
82 70.4 57.0 85.6
119 28.6 27.2 40.8

Manual Integrations
APPROVED

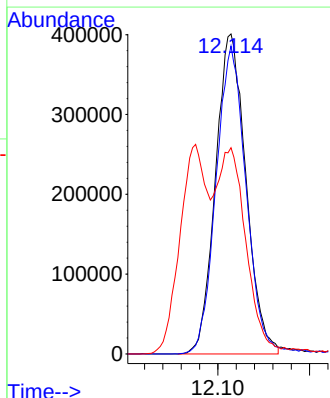
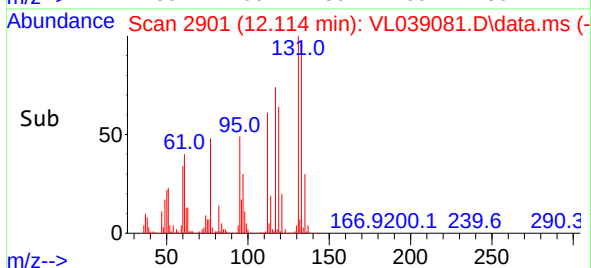
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

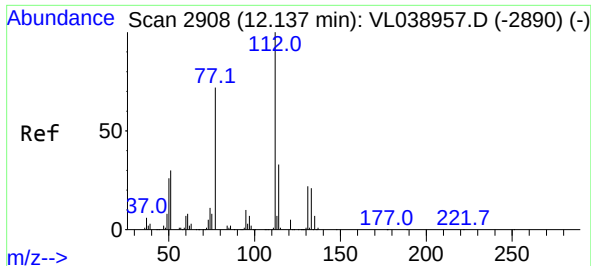


#56
1,1,1,2-Tetrachloroethane
Concen: 11.033 ppbv
RT: 12.114 min Scan# 2901
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



Tgt Ion:131 Resp: 923695
Ion Ratio Lower Upper
131 100
133 96.9 76.9 115.3
119 62.2 47.4 71.0





#57

Chlorobenzene

Concen: 10.452 ppbv

RT: 12.134 min Scan# 2908

Delta R.T. -0.003 min

Lab File: VL039081.D

Acq: 18 May 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

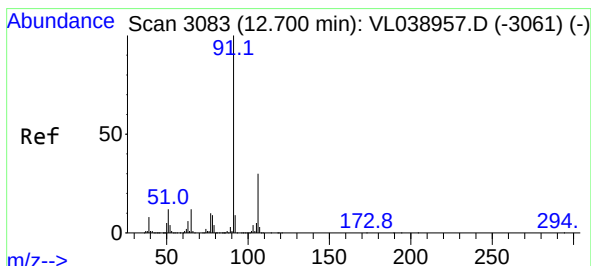
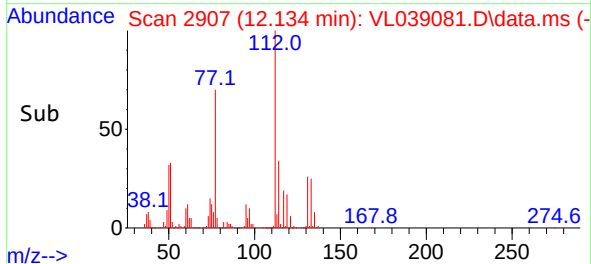
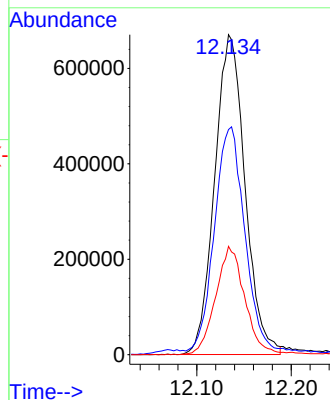
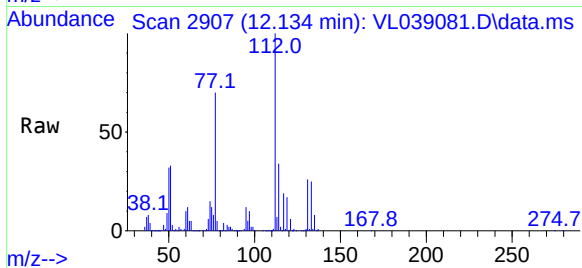
Tgt Ion:112 Resp: 1495000

Ion	Ratio	Lower	Upper
112	100		
77	69.2	57.7	86.5
114	33.8	30.1	36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#58

Ethyl Benzene

Concen: 10.366 ppbv

RT: 12.699 min Scan# 3083

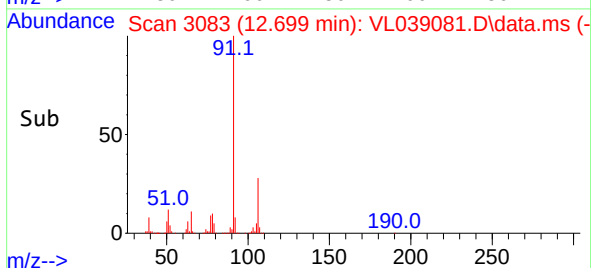
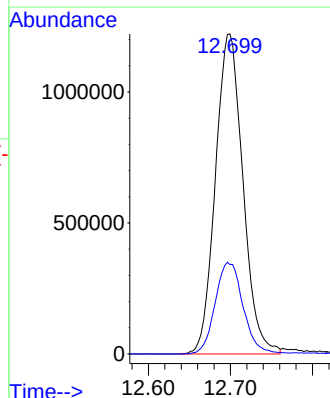
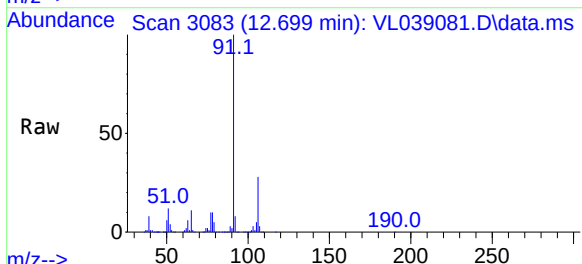
Delta R.T. -0.000 min

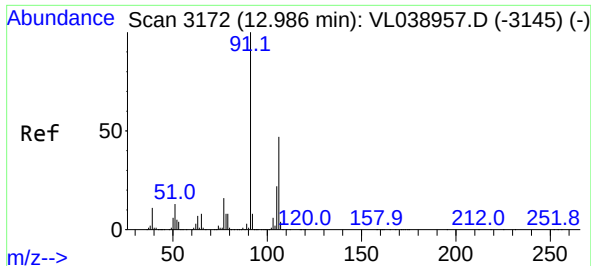
Lab File: VL039081.D

Acq: 18 May 2022 9:19

Tgt Ion: 91 Resp: 2846500

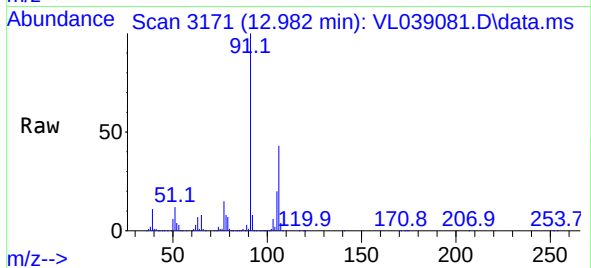
Ion	Ratio	Lower	Upper
91	100		
106	28.0	24.2	36.4





#59
m/p-Xylene
Concen: 21.183 ppbv m
RT: 12.982 min Scan# 3172
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

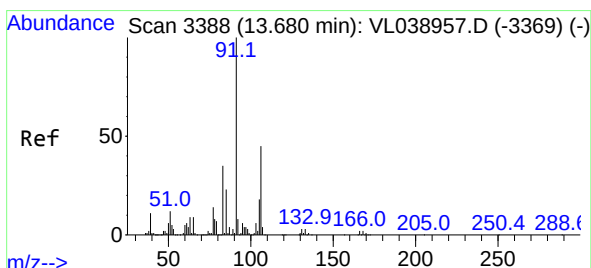
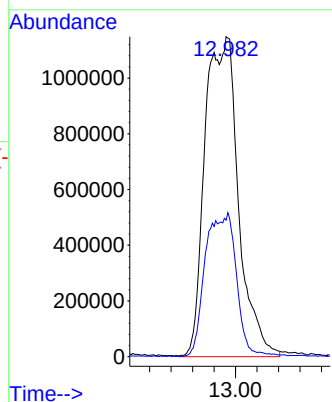
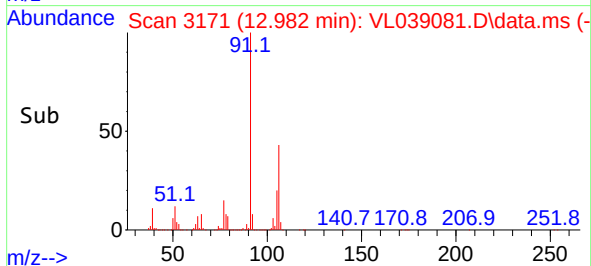
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



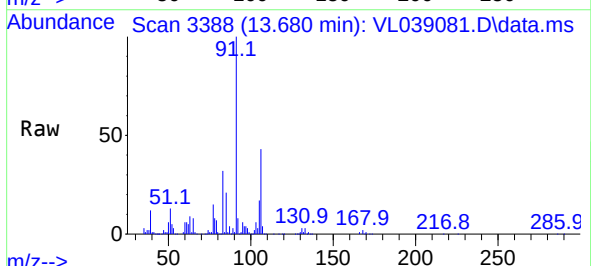
Tgt Ion: 91 Resp: 496578
Ion Ratio Lower Upper
91 100
106 41.5 34.6 52.0

Manual Integrations
APPROVED

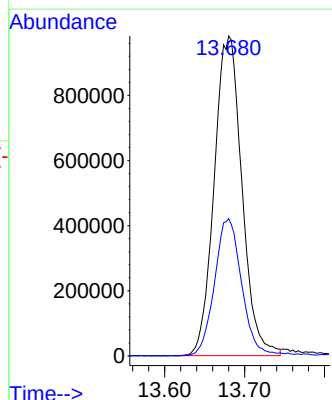
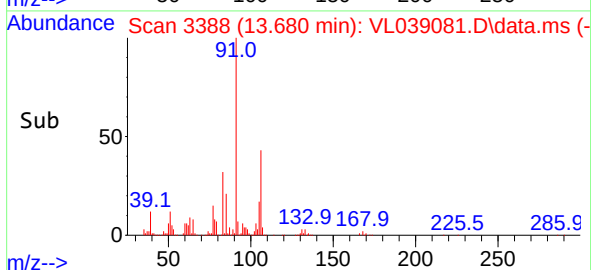
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

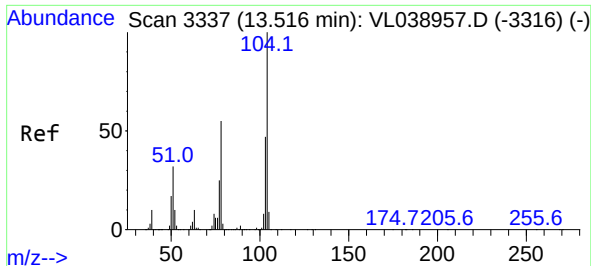


#60
o-Xylene
Concen: 10.699 ppbv
RT: 13.680 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



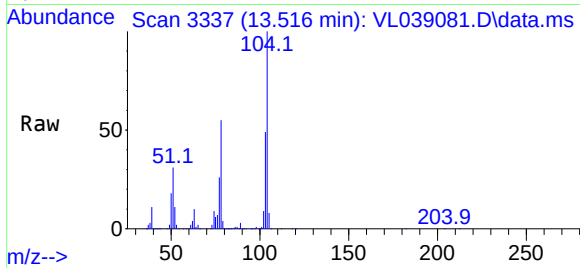
Tgt Ion: 91 Resp: 2360541
Ion Ratio Lower Upper
91 100
106 43.1 22.2 66.6





#61
Styrene
Concen: 11.021 ppbv
RT: 13.516 min Scan# 3337
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

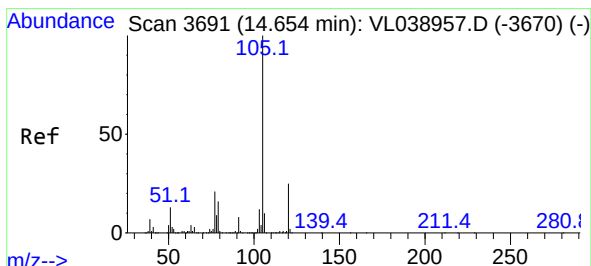
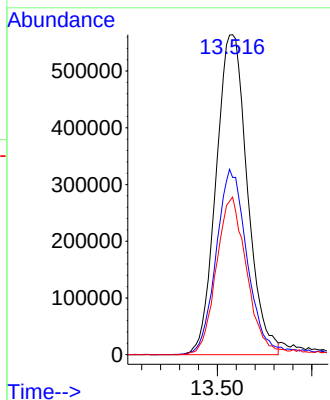
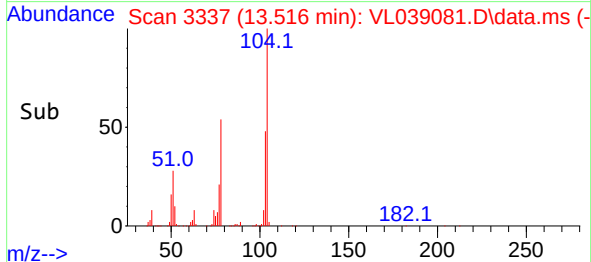
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



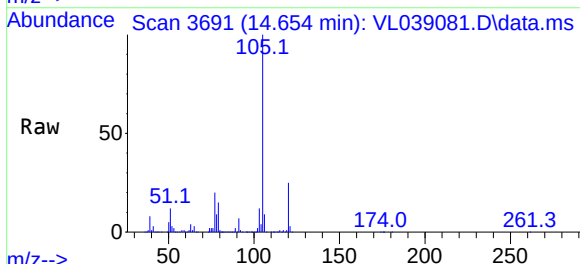
Tgt Ion:104 Resp: 1298190
Ion Ratio Lower Upper
104 100
78 59.0 46.4 69.6
103 48.9 39.3 58.9

Manual Integrations
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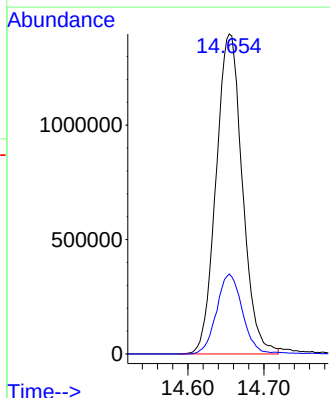
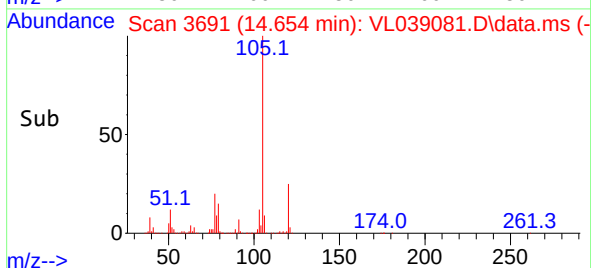
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

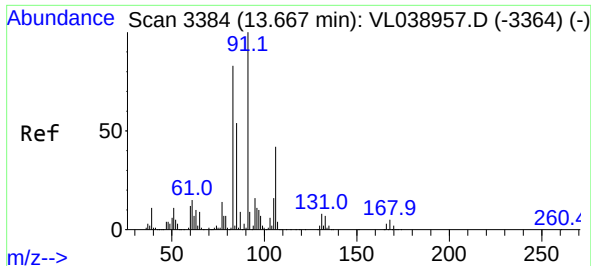


#62
Isopropylbenzene
Concen: 10.411 ppbv
RT: 14.654 min Scan# 3691
Delta R.T. 0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



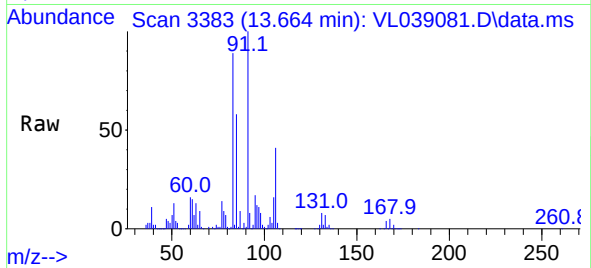
Tgt Ion:105 Resp: 3359268
Ion Ratio Lower Upper
105 100
120 24.8 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 10.083 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

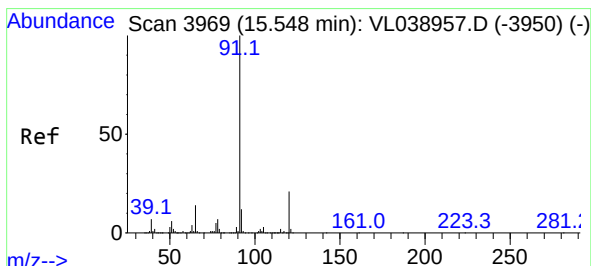
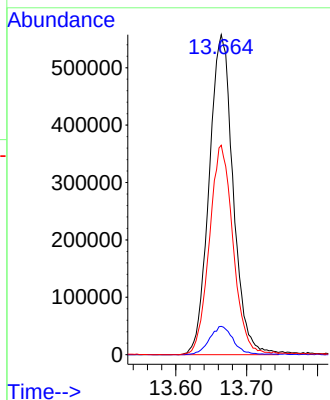
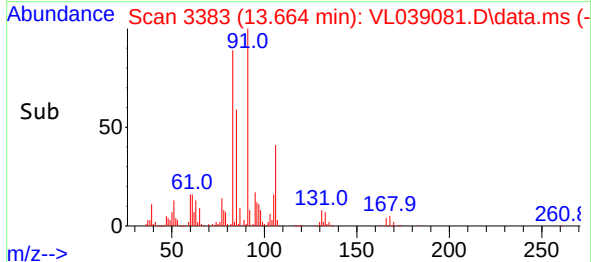
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



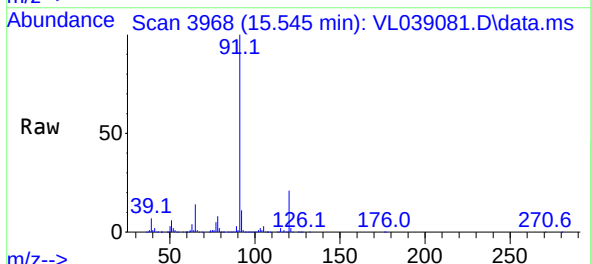
Tgt Ion: 83 Resp: 131001
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 65.7 32.8 98.3

Manual Integrations
APPROVED

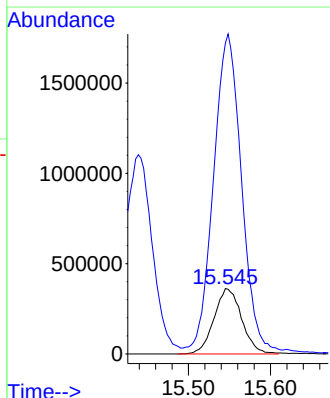
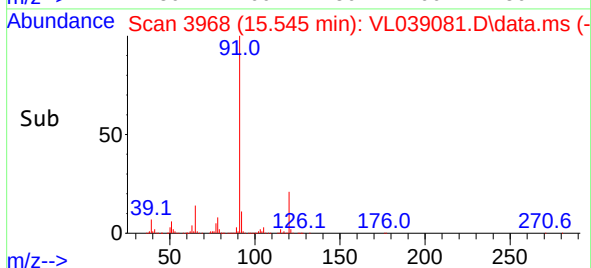
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

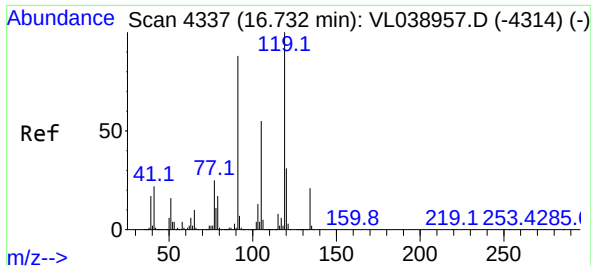


#64
n-propylbenzene
Concen: 10.869 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



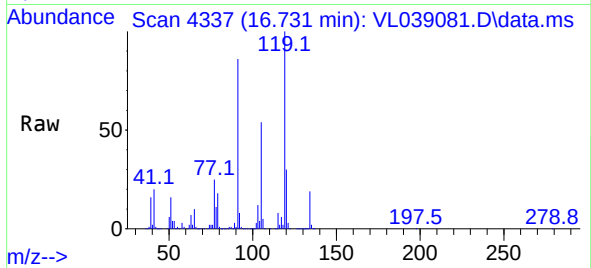
Tgt Ion:120 Resp: 847824
Ion Ratio Lower Upper
120 100
91 501.6 400.6 601.0





#65
tert-Butylbenzene
Concen: 10.678 ppbv
RT: 16.731 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

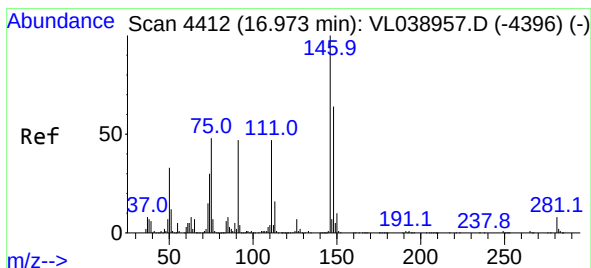
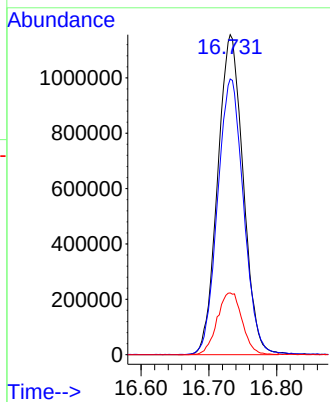
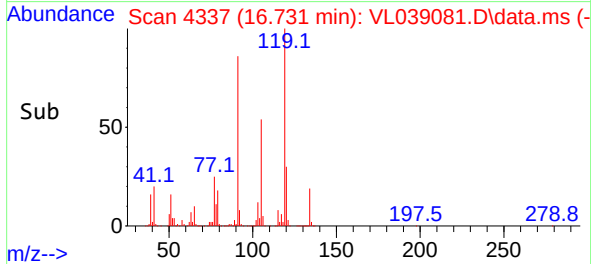
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



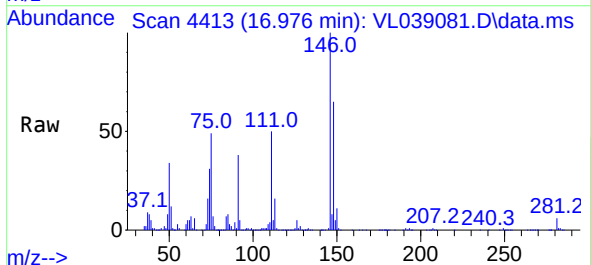
Tgt Ion: 119 Resp: 301886
Ion Ratio Lower Upper
119 100
91 88.2 69.4 104.2
134 19.0 15.8 23.8

Manual Integrations
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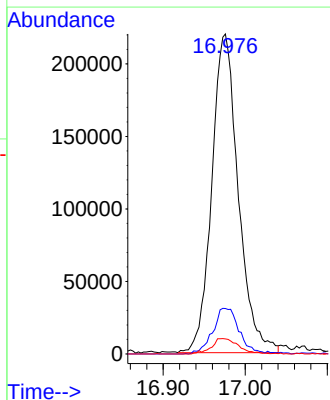
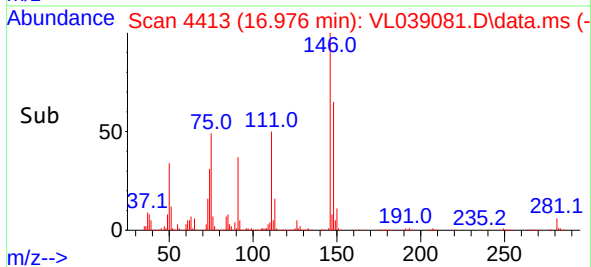
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

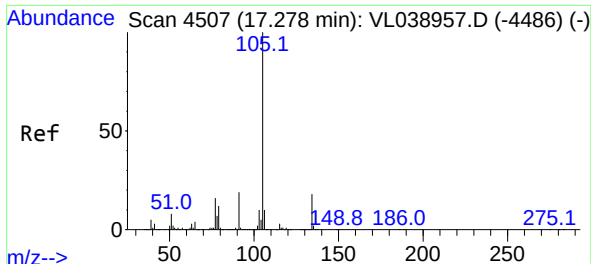


#66
Benzyl Chloride
Concen: 13.369 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. 0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



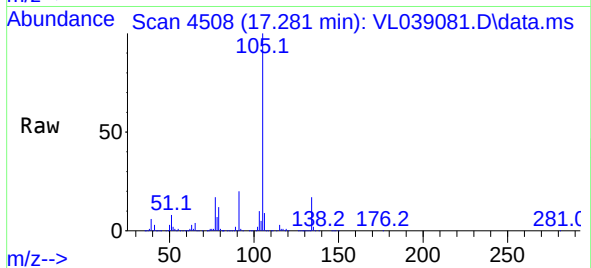
Tgt Ion: 91 Resp: 494054
Ion Ratio Lower Upper
91 100
126 14.5 11.8 17.6
128 5.0 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 10.699 ppbv
 RT: 17.281 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

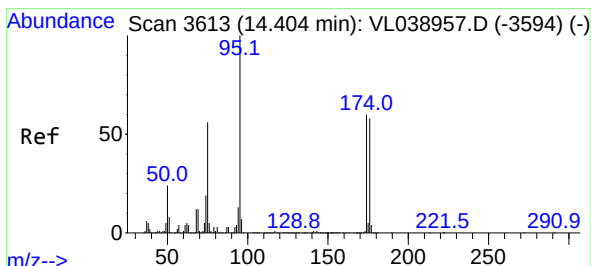
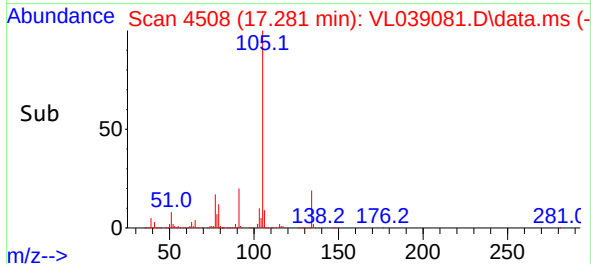
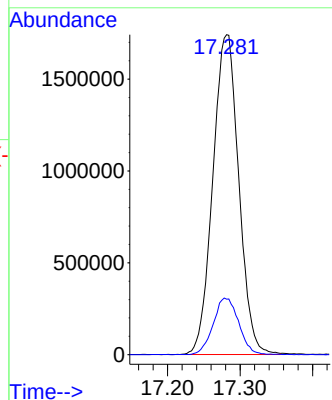
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 105 Resp: 432137
 Ion Ratio Lower Upper
 105 100
 134 17.5 14.2 21.4

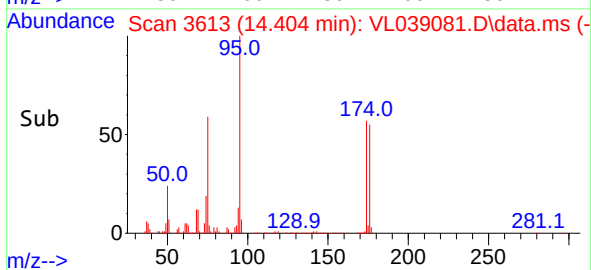
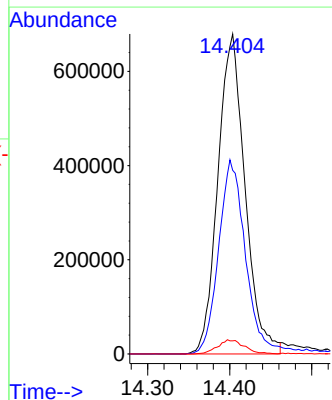
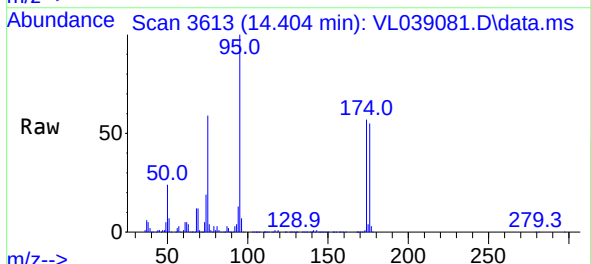
Manual Integrations
 APPROVED

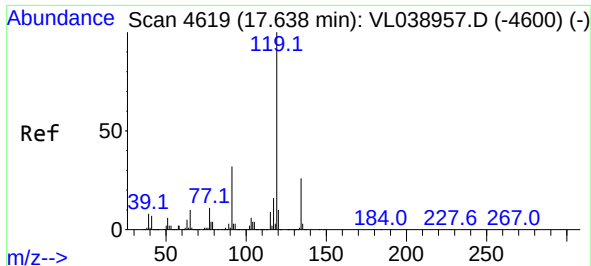
Reviewed By :Semsettin Yesilyurt 05/19/2022
 Supervised By :Mahesh Dadoda 05/20/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.334 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.000 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

Tgt Ion: 95 Resp: 1561517
 Ion Ratio Lower Upper
 95 100
 174 62.4 50.8 76.2
 175 4.4 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.016 ppbv
RT: 17.638 min Scan# 4619
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

Instrument :

MSVOA_L

ClientSampleId :

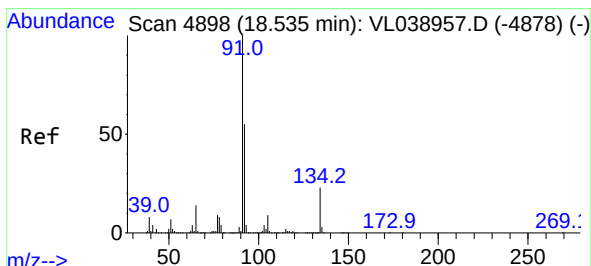
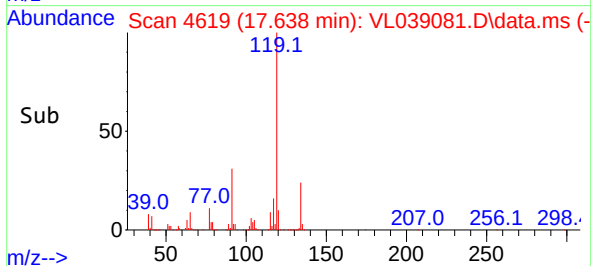
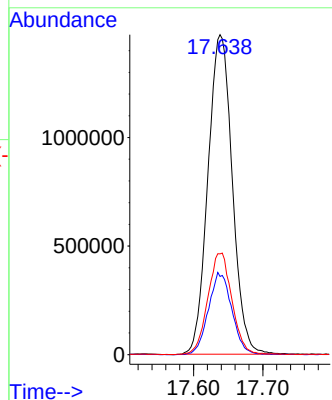
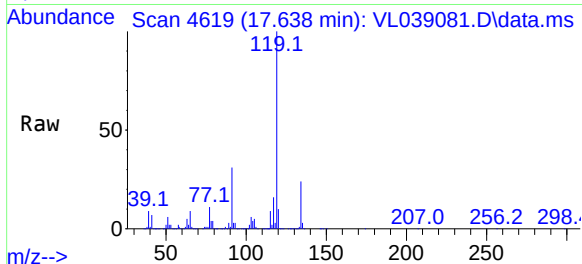
VSTDCCC010EC

Tgt Ion: 119 Resp: 359448
Ion Ratio Lower Upper
119 100
134 24.9 20.0 30.0
91 31.4 24.8 37.2

Manual Integrations

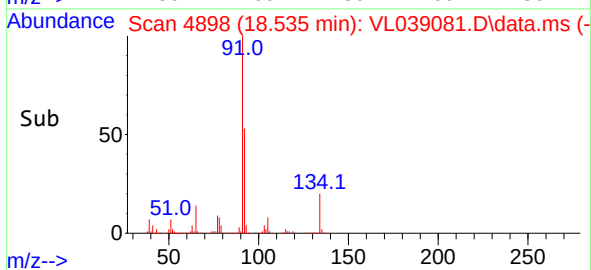
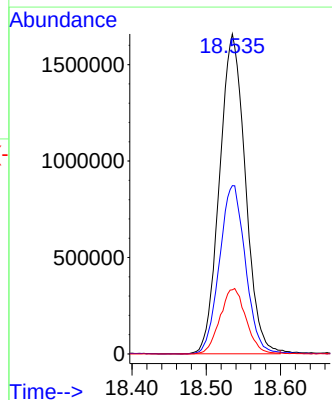
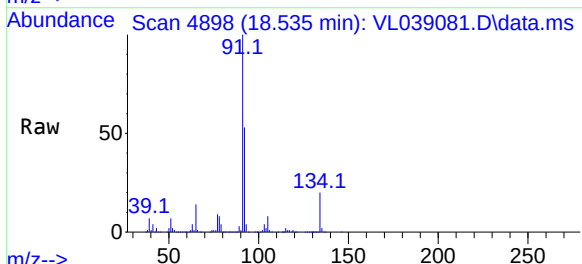
APPROVED

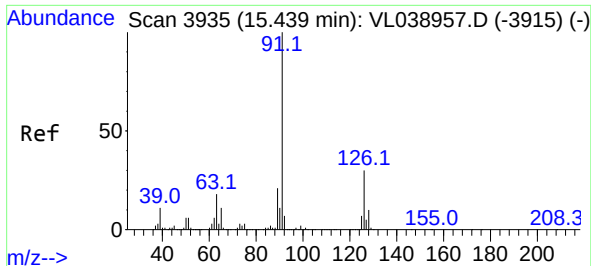
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022



#70
n-Butylbenzene
Concen: 11.552 ppbv
RT: 18.535 min Scan# 4898
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

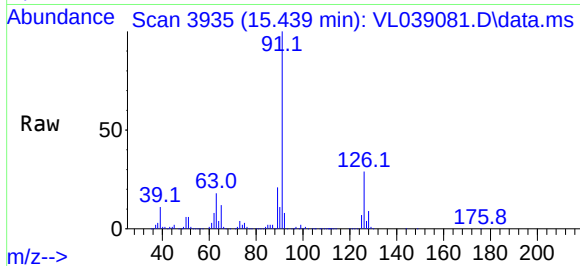
Tgt Ion: 91 Resp: 4004790
Ion Ratio Lower Upper
91 100
92 53.4 43.1 64.7
134 20.7 17.0 25.4





#71
2-Chlorotoluene
Concen: 10.510 ppbv
RT: 15.439 min Scan# 3915
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

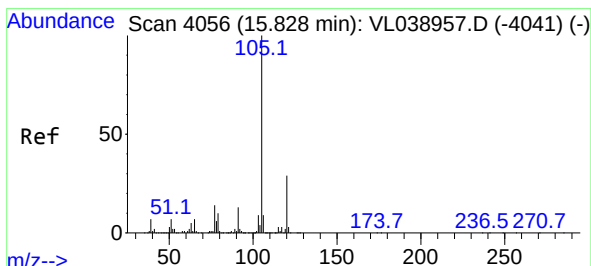
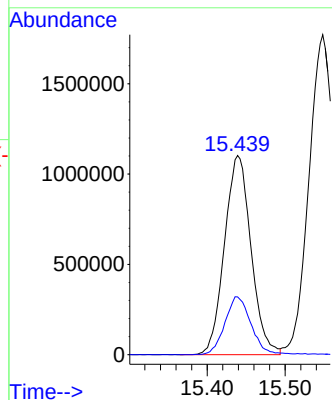
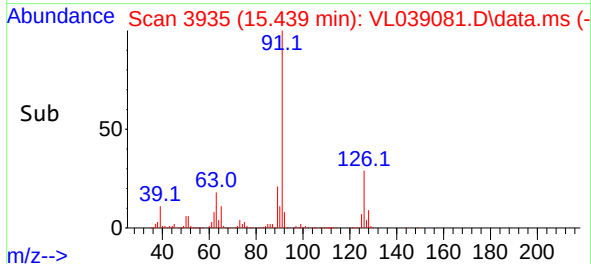
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC



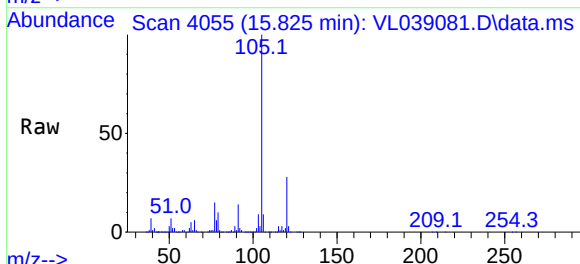
Tgt Ion: 91 Resp: 261426
Ion Ratio Lower Upper
91 100
126 29.3 11.9 47.5

Manual Integrations
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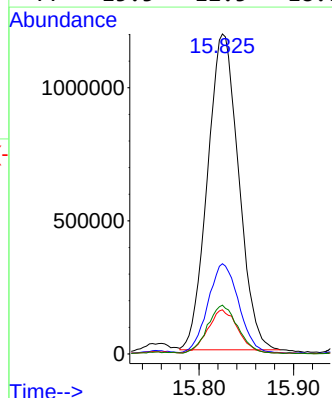
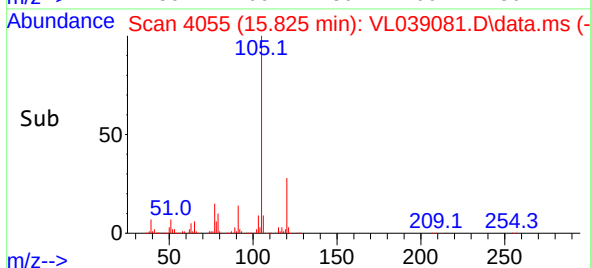
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

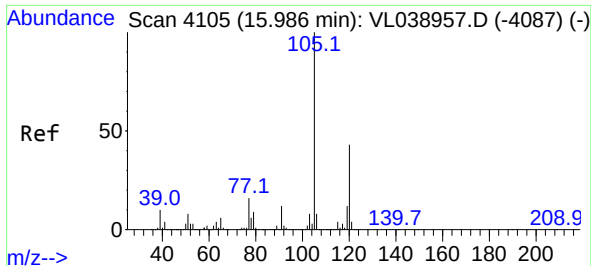


#72
4-Ethyltoluene
Concen: 10.809 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



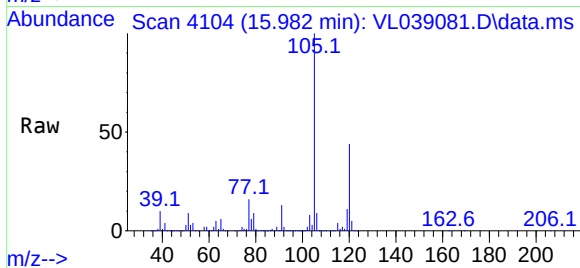
Tgt Ion:105 Resp: 2717603
Ion Ratio Lower Upper
105 100
120 29.1 23.4 35.0
91 13.8 10.6 16.0
77 15.5 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 11.148 ppbv
RT: 15.982 min Scan# 4105
Delta R.T. -0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

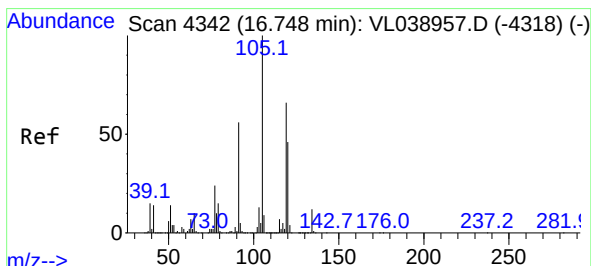
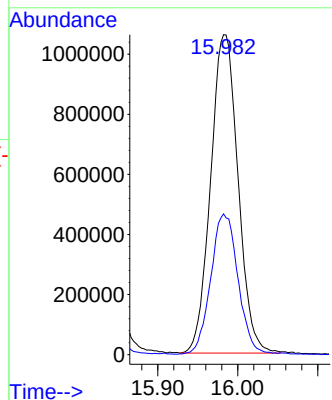
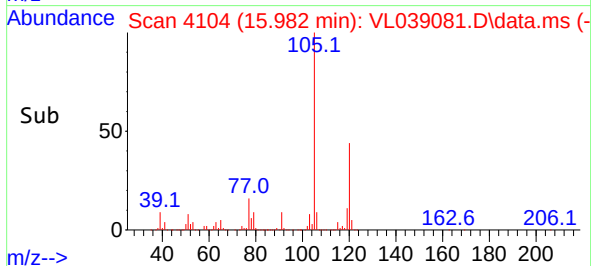
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



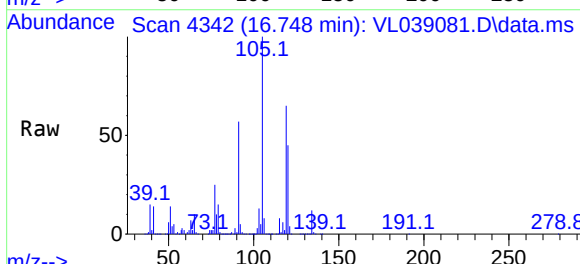
Tgt Ion:105 Resp: 2523304
Ion Ratio Lower Upper
105 100
120 43.9 34.4 51.6

Manual Integrations
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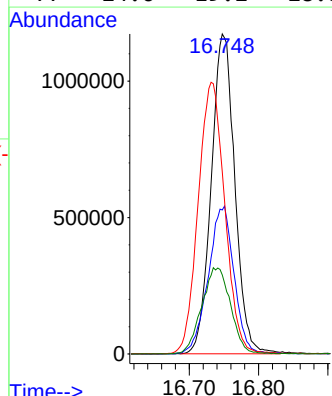
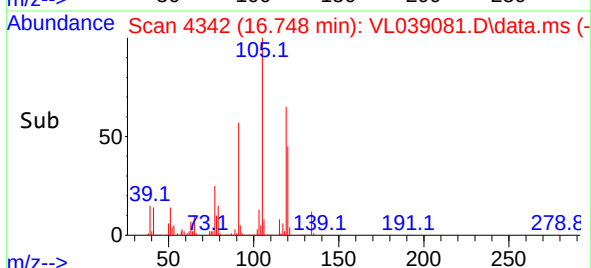
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

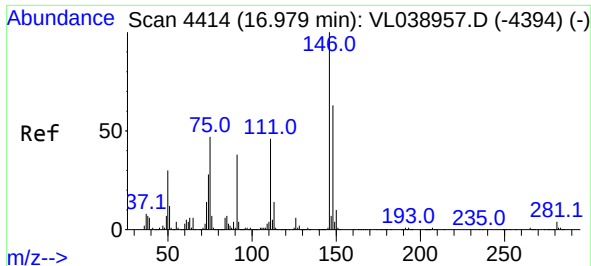


#74
1,2,4-Trimethylbenzene
Concen: 11.183 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



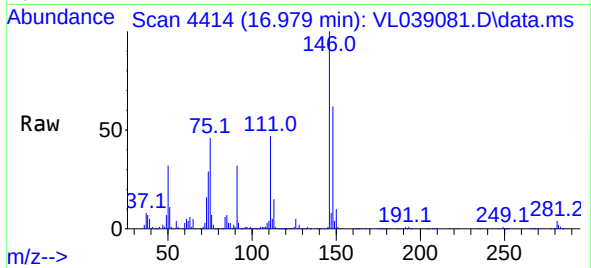
Tgt Ion:105 Resp: 2771556
Ion Ratio Lower Upper
105 100
120 44.8 36.9 55.3
91 56.6 45.0 67.4
77 24.6 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 11.216 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. -0.000 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

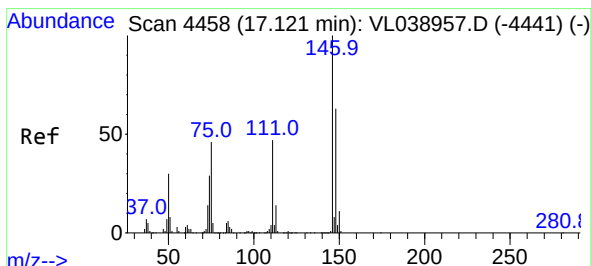
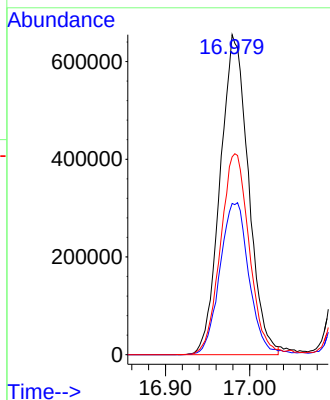
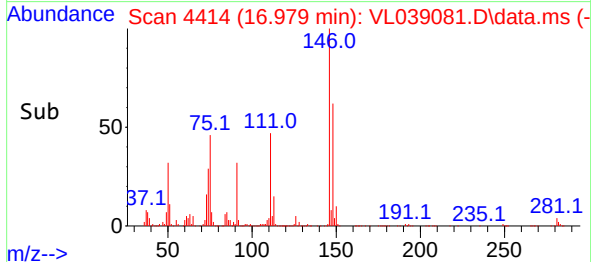
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



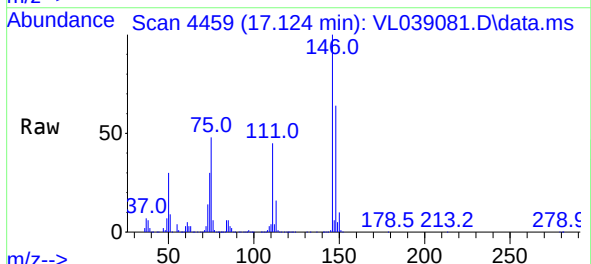
Tgt Ion:146 Resp: 152296
Ion Ratio Lower Upper
146 100
111 49.4 24.1 72.2
148 64.5 32.4 97.2

Manual Integrations
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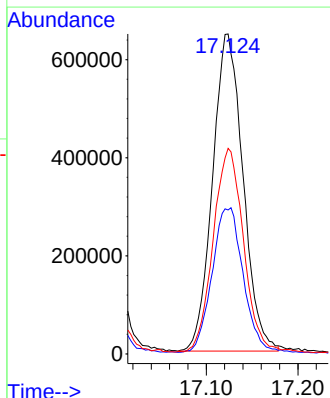
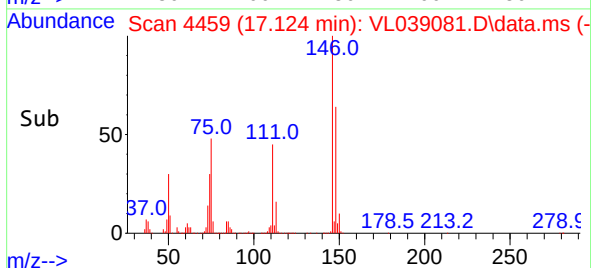
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

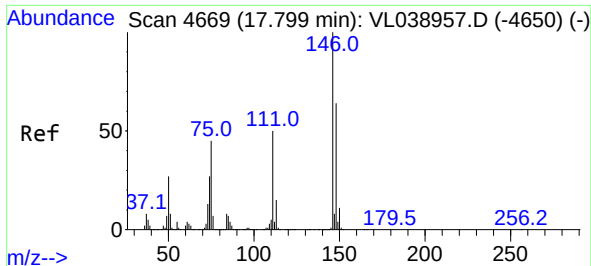


#76
1,4-Dichlorobenzene
Concen: 11.156 ppbv
RT: 17.124 min Scan# 4459
Delta R.T. 0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



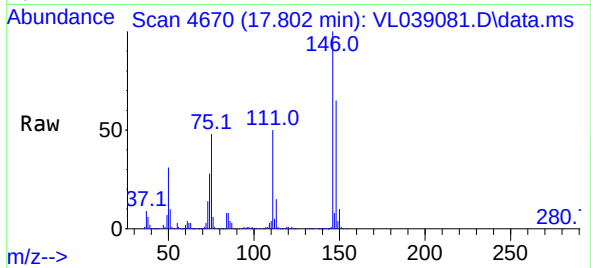
Tgt Ion:146 Resp: 1490269
Ion Ratio Lower Upper
146 100
111 48.1 23.6 71.0
148 66.6 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 11.251 ppbv
RT: 17.802 min Scan# 4670
Delta R.T. 0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

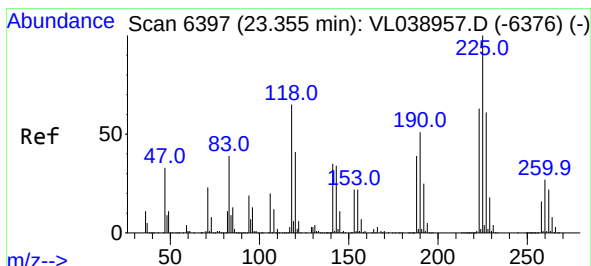
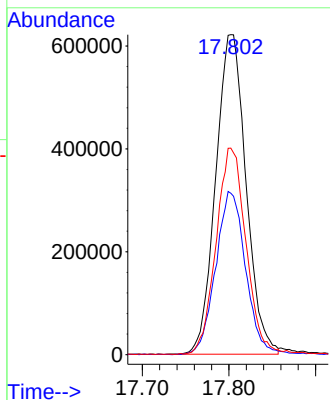
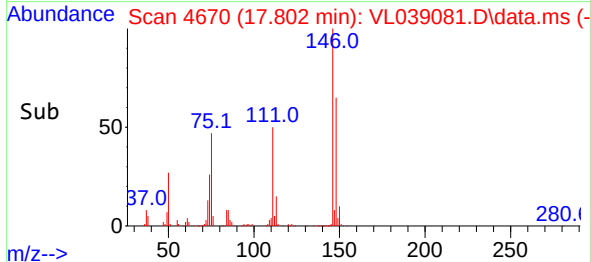
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



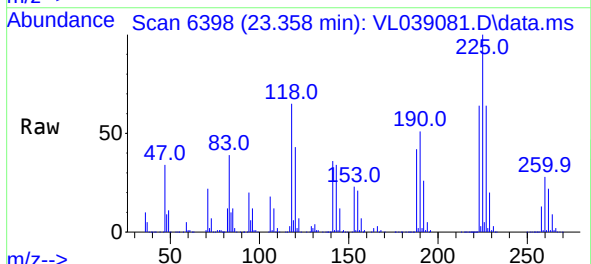
Tgt Ion:146 Resp: 1511009
Ion Ratio Lower Upper
146 100
111 50.6 25.3 75.9
148 64.2 32.3 96.9

Manual Integrations
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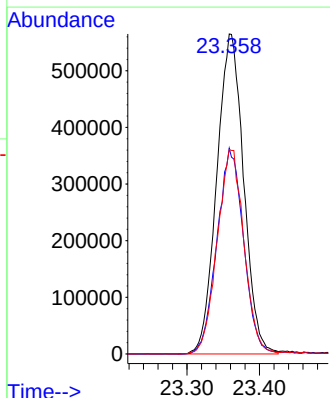
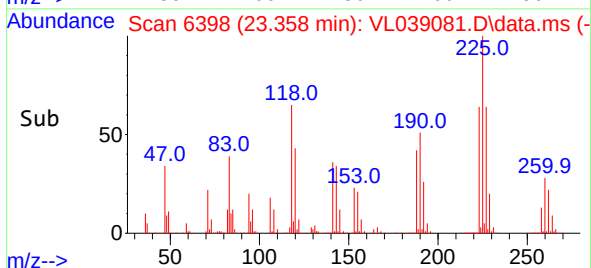
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

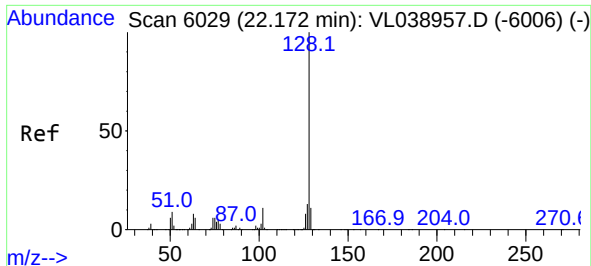


#78
Hexachloro-1,3-Butadiene
Concen: 11.785 ppbv
RT: 23.358 min Scan# 6398
Delta R.T. 0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



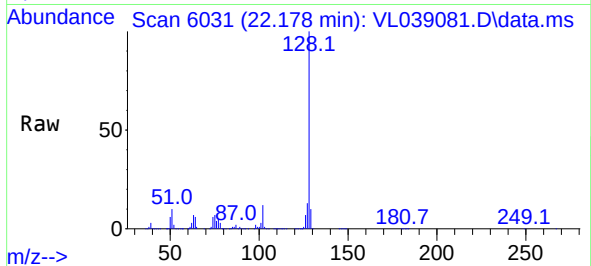
Tgt Ion:225 Resp: 1454543
Ion Ratio Lower Upper
225 100
223 64.1 51.4 77.0
227 63.8 51.4 77.0





#79
Naphthalene
Concen: 14.876 ppbv
RT: 22.178 min Scan# 6029
Delta R.T. 0.006 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19

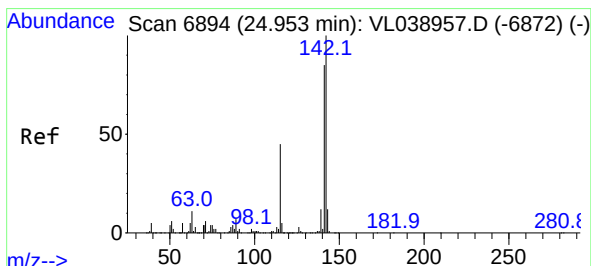
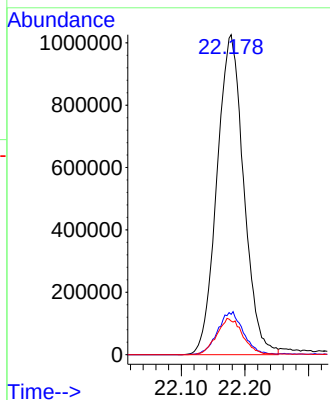
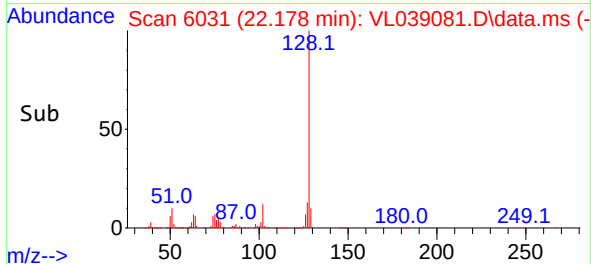
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



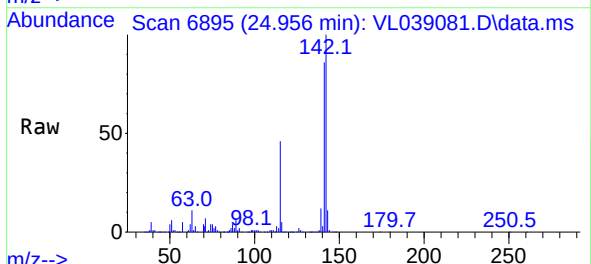
Tgt Ion:128 Resp: 2994720
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.5 8.9 13.3

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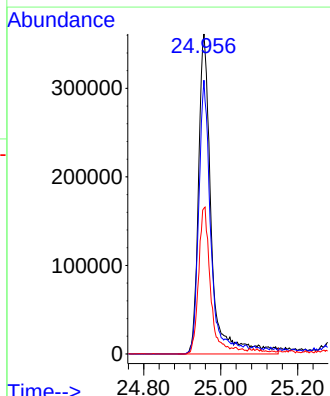
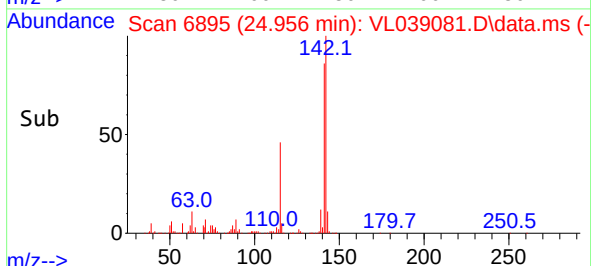
Reviewed By :Semsettin Yesilyurt 05/19/2022
Supervised By :Mahesh Dadoda 05/20/2022

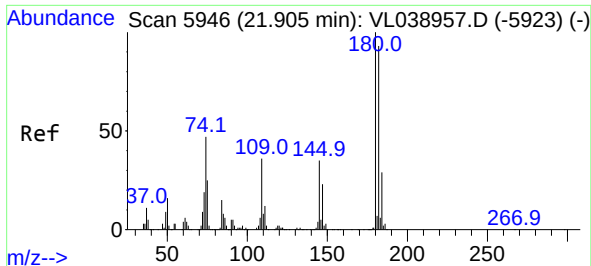


#80
Naphthalene,2-methyl-
Concen: 13.698 ppbv
RT: 24.956 min Scan# 6895
Delta R.T. 0.003 min
Lab File: VL039081.D
Acq: 18 May 2022 9:19



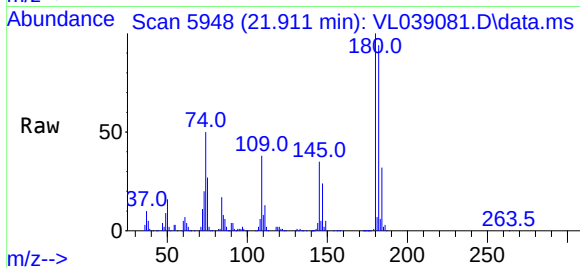
Tgt Ion:142 Resp: 834181
Ion Ratio Lower Upper
142 100
141 82.2 70.8 106.2
115 43.6 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 13.391 ppbv m
 RT: 21.911 min Scan# 5948
 Delta R.T. 0.006 min
 Lab File: VL039081.D
 Acq: 18 May 2022 9:19

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 1579715
 Ion Ratio Lower Upper
 180 100
 182 0.0 78.4 117.6
 184 0.0 24.4 36.6

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 Supervised By :Mahesh Dadoda 05/20/2022

