

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039086.D
 Acq On : 23 May 2022 14:54
 Operator : SY/AP
 Sample : VL0523ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0523ABS01

Manual Integrations
 APPROVED

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

Quant Time: May 24 05:58:13 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 12:58:54 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	5.652	49	885316	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.160	114	2054248	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	1942350	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.391 95 1680211 10.923 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1071940	7.728	ppbv	95
3) Chlorodifluoromethane	2.986	51	1118927	10.185	ppbv	97
4) Chloromethane	3.137	50	480742	8.738	ppbv	92
5) Vinyl Chloride	3.253	62	515321	10.258	ppbv	95
6) Bromomethane	3.468	94	246846	10.401	ppbv	93
7) Chloroethane	3.552	64	184484	10.972	ppbv	93
8) Dichlorotetrafluoroethane	3.182	85	1352981	10.762	ppbv	98
9) Propene	3.005	41	412699	8.602	ppbv	95
10) Heptane	8.105	43	1103695	9.377	ppbv	99
11) Trichlorofluoromethane	3.944	101	1327629	11.155	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.475	101	924322	11.274	ppbv	99
13) Ethanol	3.594	45	47852m	14.094	ppbv	
14) Bromoethene	3.732	108	377109	11.154	ppbv	96
15) Acetone	3.838	43	922451	11.046	ppbv	99
16) 1,3-Butadiene	3.324	39	505637	10.538	ppbv	98
17) tert-Butyl alcohol	4.272	59	732892	11.418	ppbv	99
18) 1,1-Dichloroethene	4.279	96	409632	11.609	ppbv	98
19) Isopropyl Alcohol	3.947	45	490117	12.343	ppbv #	94
20) Methylene Chloride	4.333	84	349900	11.117	ppbv	96
21) Allyl Chloride	4.404	41	595905	10.472	ppbv	97
22) trans-1,2-Dichloroethene	4.873	96	410961	10.782	ppbv	100
23) Vinyl Acetate	5.057	43	731818	11.075	ppbv	99
24) 1,1-Dichloroethane	4.996	63	826693	10.865	ppbv	99
25) Ethyl Acetate	5.661	43	2172154	10.867	ppbv	99
26) Hexane	5.674	57	855132	9.629	ppbv	91
27) Carbon Disulfide	4.539	76	946872	11.223	ppbv	99
28) Methyl tert-Butyl Ether	5.021	73	806433	11.935	ppbv	99
29) Chloroform	5.738	83	1473173	10.253	ppbv	99
30) Cyclohexane	7.115	84	681519	9.165	ppbv	98
31) cis-1,2-Dichloroethene	5.536	61	904984	10.002	ppbv	97
32) 1,1,1-Trichloroethane	6.494	97	1541036	10.726	ppbv	99
34) 2-Butanone	5.230	43	1159840	11.067	ppbv	99
35) Carbon Tetrachloride	7.005	117	1628202	12.029	ppbv	98
36) Benzene	6.873	78	1683578	9.577	ppbv	97
37) 1,2-Dichloroethane	6.291	62	1248349	11.477	ppbv	97
38) Trichloroethene	7.819	130	658841	8.430	ppbv	98
39) 1,2-Dichloropropane	7.600	63	679197m	9.929	ppbv	
40) 1,4-Dioxane	7.812	88	240273	9.780	ppbv	94
41) Tetrahydrofuran	6.034	42	656370	9.319	ppbv	99
42) Bromodichloromethane	7.774	83	1646215	11.070	ppbv	97
43) Methyl Methacrylate	7.996	69	753652	10.560	ppbv	97
44) 2,2,4-Trimethylpentane	7.851	57	2942841	9.540	ppbv	97
45) t-1,3-Dichloropropene	9.259	75	631858	9.146	ppbv	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 24 05:58:13 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

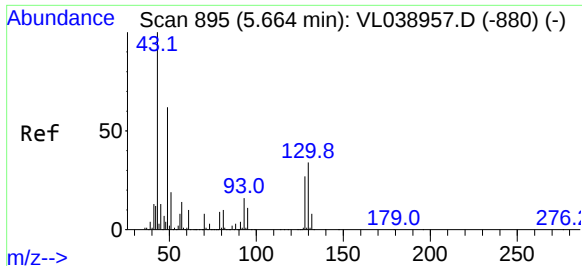
Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.687	75	860248	9.390	ppbv	99
47) 1,1,2-Trichloroethane	9.455	97	689392	9.690	ppbv	98
48) Dibromochloromethane	10.285	129	1327348	11.463	ppbv	100
49) Bromoform	13.018	173	1058927	11.991	ppbv	100
50) 4-Methyl-2-Pentanone	8.719	43	1830390	9.960	ppbv	100
51) 2-Hexanone	10.111	43	1379766	10.287	ppbv	96
52) Tetrachloroethene	11.204	164	617547	9.830	ppbv	98
53) Toluene	9.786	91	1947831	9.885	ppbv	99
54) 1,2-Dibromoethane	10.587	107	1047354	10.814	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.105	131	942465	11.059	ppbv	98
57) Chlorobenzene	12.124	112	1429775	9.820	ppbv	99
58) Ethyl Benzene	12.690	91	2742926	9.813	ppbv	96
59) m/p-Xylene	12.973	91	4842945m	20.295	ppbv	
60) o-Xylene	13.671	91	2319718	10.328	ppbv	99
61) Styrene	13.507	104	1199347	10.002	ppbv	98
62) Isopropylbenzene	14.645	105	3499033	10.653	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.654	83	1577601	11.929	ppbv	99
64) n-propylbenzene	15.539	120	873045	10.994	ppbv	99
65) tert-Butylbenzene	16.722	119	3142134	10.918	ppbv	98
66) Benzyl Chloride	16.966	91	216426	5.753	ppbv	99
67) sec-Butylbenzene	17.268	105	4478438	10.893	ppbv	99
69) p-Isopropyltoluene	17.629	119	3679944	11.079	ppbv	99
70) n-Butylbenzene	18.526	91	3929873	11.136	ppbv	99
71) 2-Chlorotoluene	15.429	91	2680216	10.585	ppbv	99
72) 4-Ethyltoluene	15.815	105	2747805	10.736	ppbv	99
73) 1,3,5-Trimethylbenzene	15.973	105	2497557	10.840	ppbv	99
74) 1,2,4-Trimethylbenzene	16.738	105	2751296	10.906	ppbv	98
75) 1,3-Dichlorobenzene	16.969	146	1517563	10.979	ppbv	99
76) 1,4-Dichlorobenzene	17.114	146	1435996	10.560	ppbv	97
77) 1,2-Dichlorobenzene	17.793	146	1468212	10.740	ppbv	99
78) Hexachloro-1,3-Butadiene	23.349	225	1167406	9.292	ppbv	100
79) Naphthalene	22.165	128	2070403	10.103	ppbv	100
80) Naphthalene,2-methyl-	24.947	142	440059	7.099	ppbv	94
81) 1,2,4-Trichlorobenzene	21.898	180	1149595	9.573	ppbv	98

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

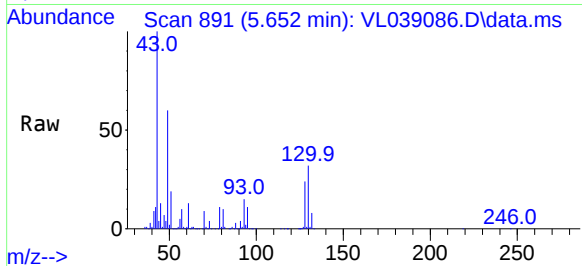
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

[illegible]



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

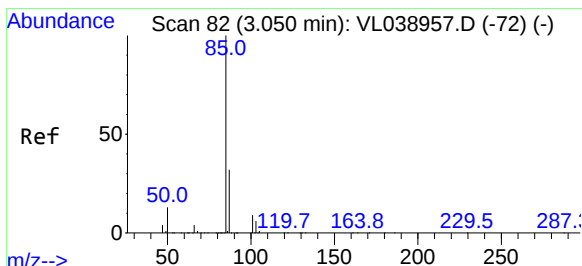
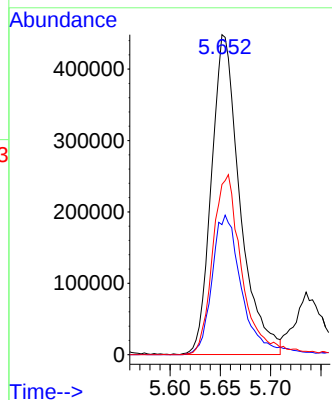
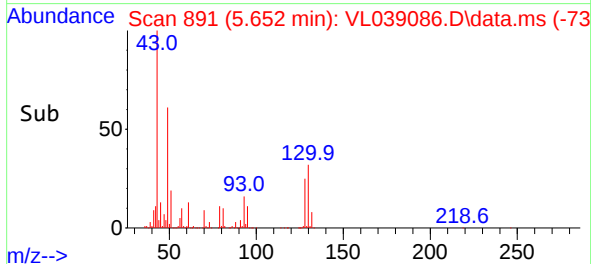
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



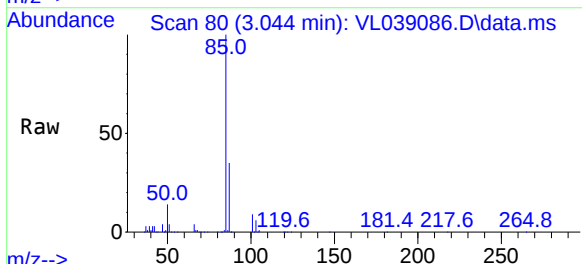
Tgt Ion: 49 Resp: 885310
Ion Ratio Lower Upper
49 100
128 46.5 23.3 69.8
130 59.1 29.8 89.3

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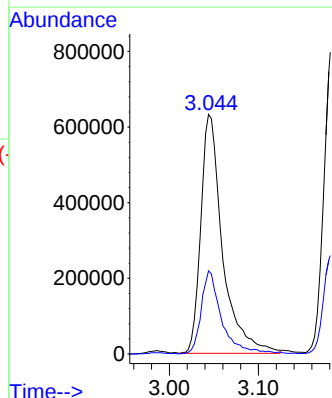
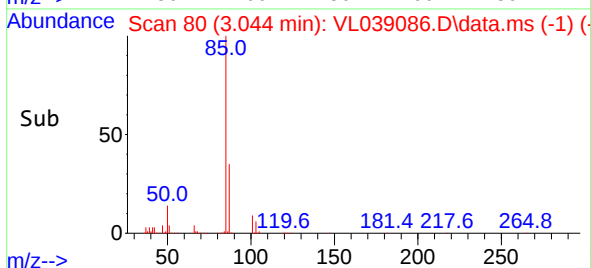
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

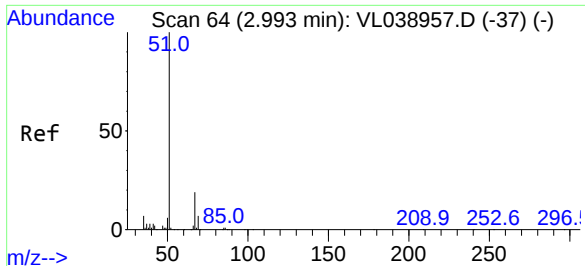


#2
Dichlorodifluoromethane
Concen: 7.728 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



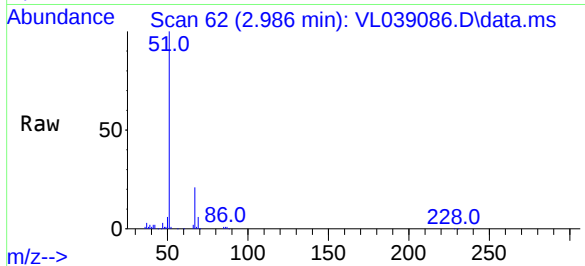
Tgt Ion: 85 Resp: 1071940
Ion Ratio Lower Upper
85 100
87 34.7 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.185 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

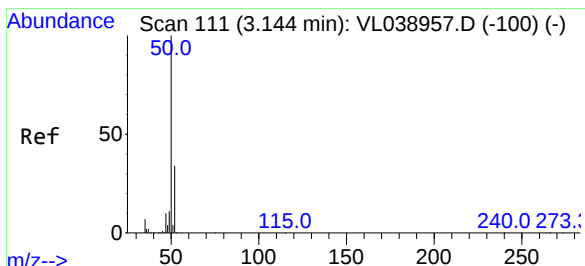
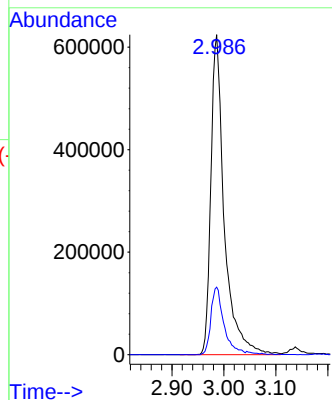
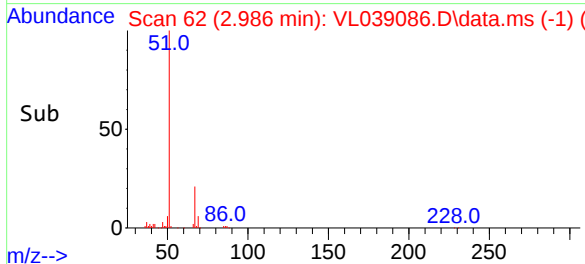
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



Tgt Ion: 51 Resp: 111892
Ion Ratio Lower Upper
51 100
67 21.2 15.8 23.8

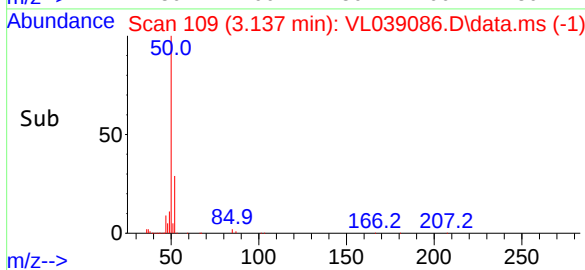
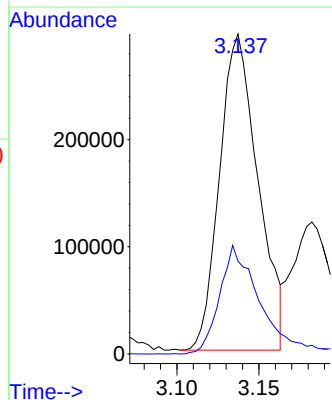
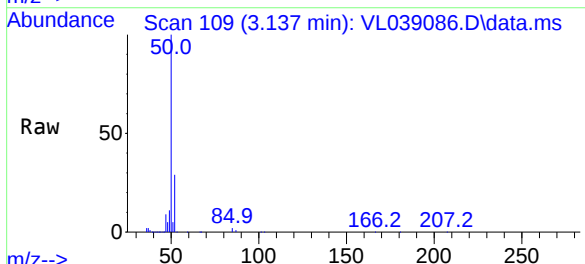
Manual Integrations
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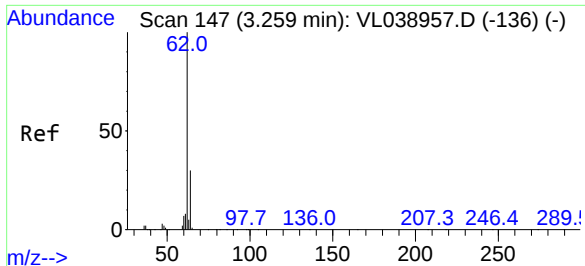
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#4
Chloromethane
Concen: 8.738 ppbv
RT: 3.137 min Scan# 109
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

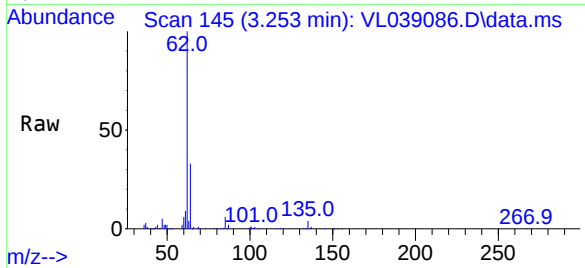
Tgt Ion: 50 Resp: 480742
Ion Ratio Lower Upper
50 100
52 29.3 27.3 40.9





#5
 Vinyl Chloride
 Concen: 10.258 ppbv
 RT: 3.253 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54

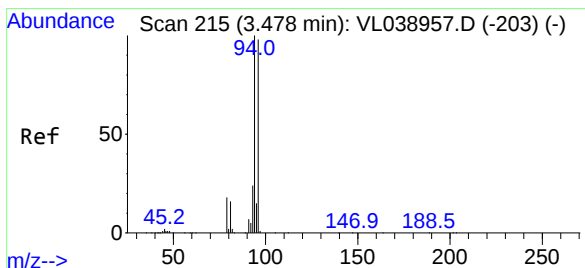
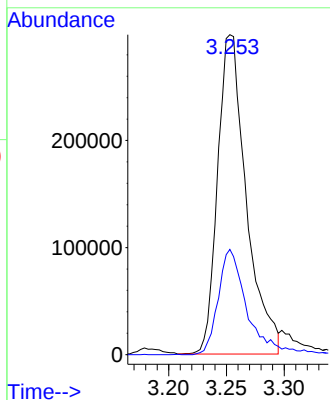
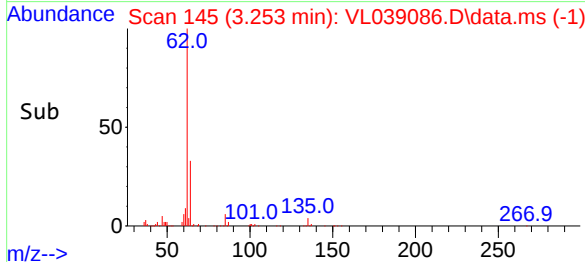
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0523ABS01



Tgt Ion: 62 Resp: 51532
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.2 36.4

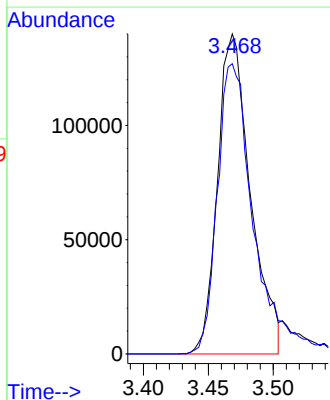
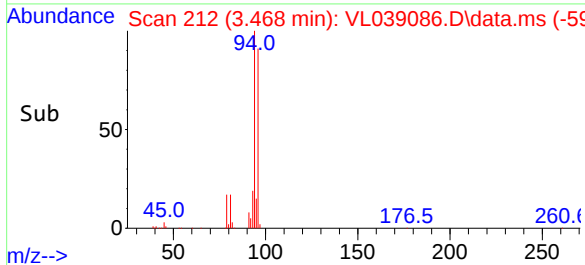
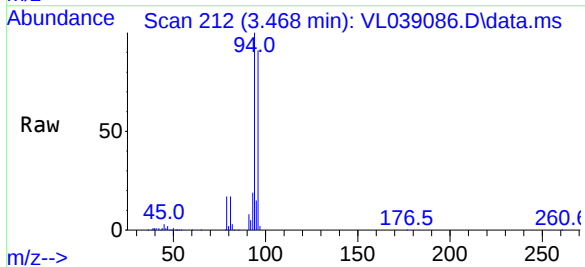
Manual Integrations
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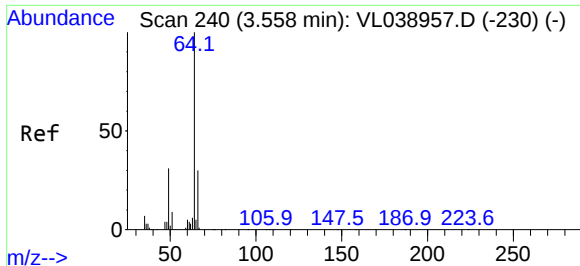
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#6
 Bromomethane
 Concen: 10.401 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. -0.010 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54

Tgt Ion: 94 Resp: 246846
 Ion Ratio Lower Upper
 94 100
 96 90.7 78.1 117.1





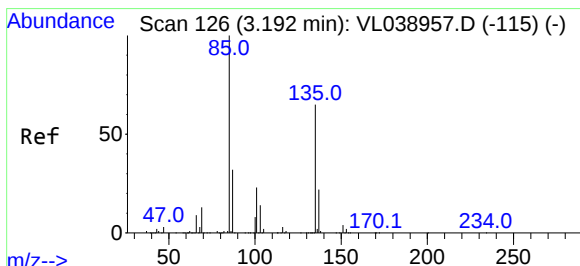
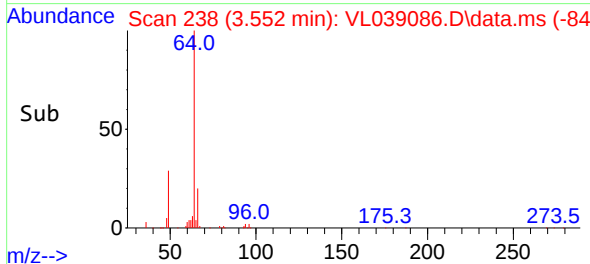
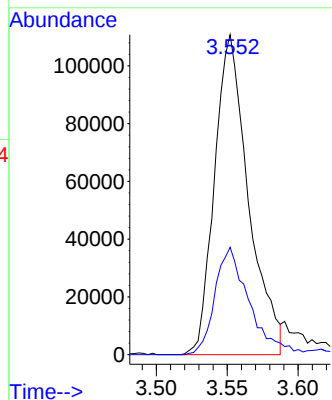
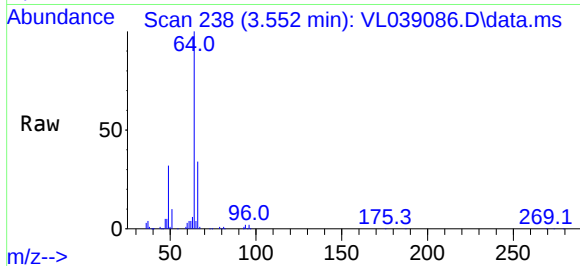
#7
Chloroethane
Concen: 10.972 ppbv
RT: 3.552 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 64 Resp: 184484
Ion Ratio Lower Upper
64 100
66 33.5 23.8 35.8

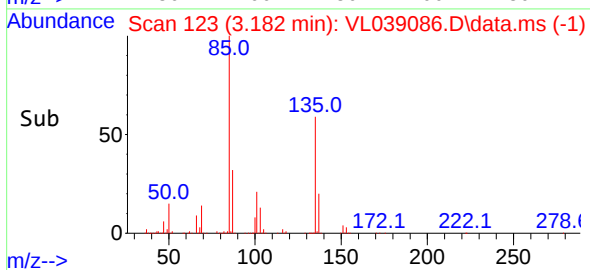
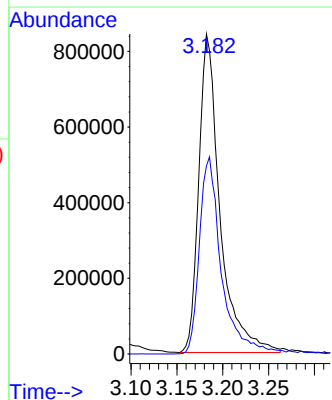
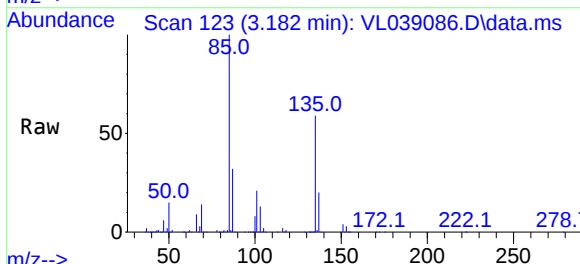
Manual Integrations
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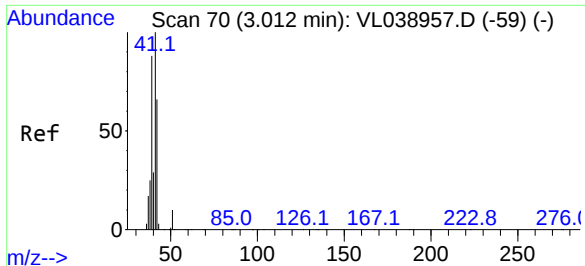
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#8
Dichlorotetrafluoroethane
Concen: 10.762 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 85 Resp: 1352981
Ion Ratio Lower Upper
85 100
135 65.4 53.6 80.4





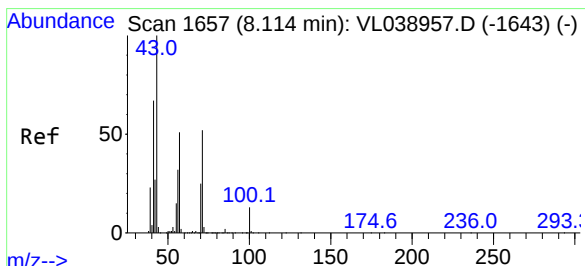
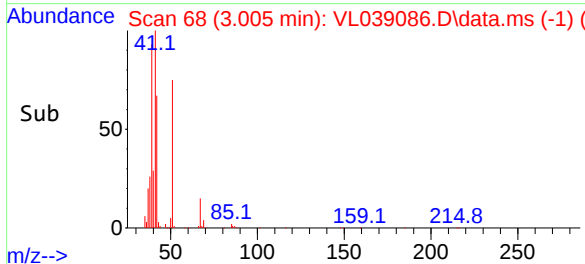
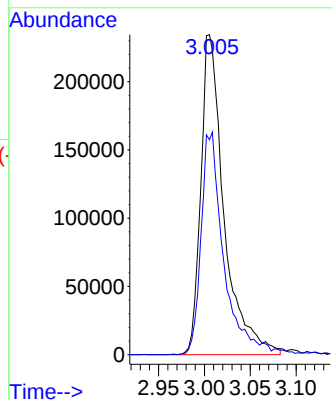
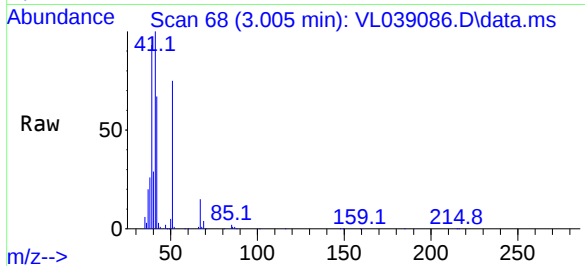
#9
Propene
Concen: 8.602 ppbv
RT: 3.005 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 41 Resp: 41269
Ion Ratio Lower Upper
41 100
42 69.1 58.3 87.5

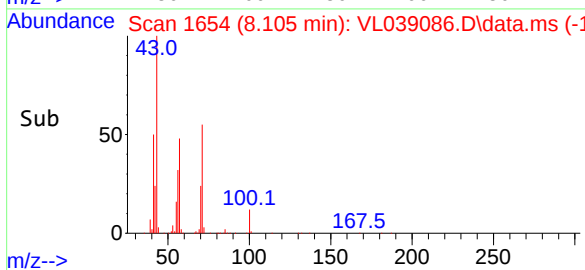
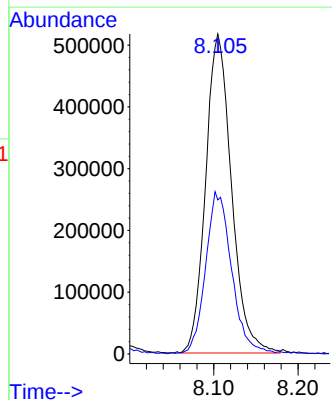
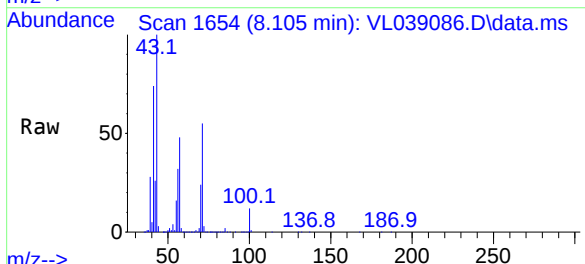
Manual Integrations
APPROVED

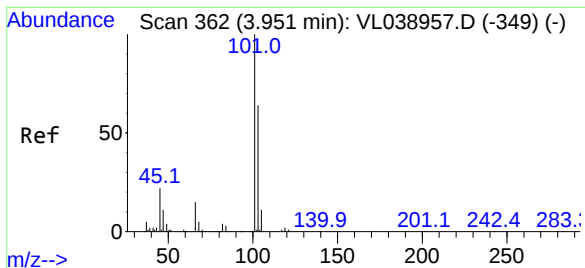
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#10
Heptane
Concen: 9.377 ppbv
RT: 8.105 min Scan# 1654
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

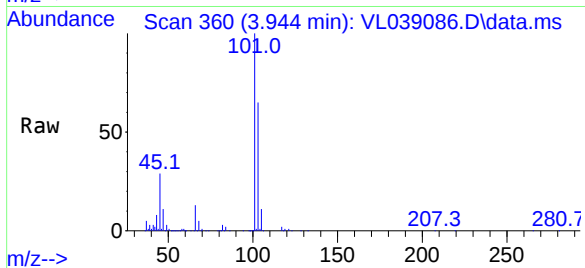
Tgt Ion: 43 Resp: 1103695
Ion Ratio Lower Upper
43 100
57 51.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 11.155 ppbv
RT: 3.944 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

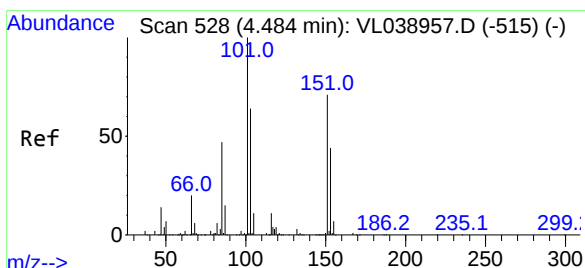
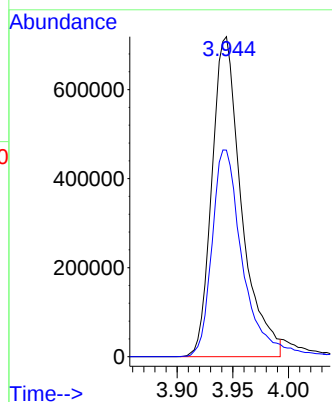
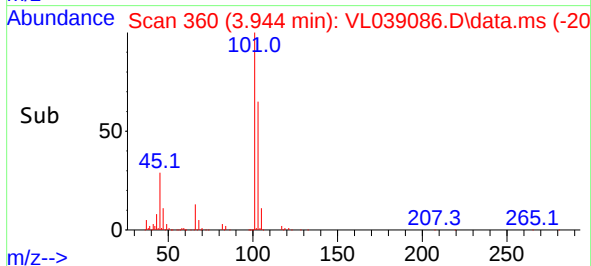
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



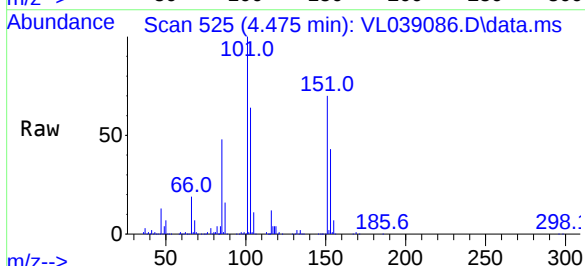
Tgt Ion:101 Resp: 1327629
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

Manual Integrations
APPROVED

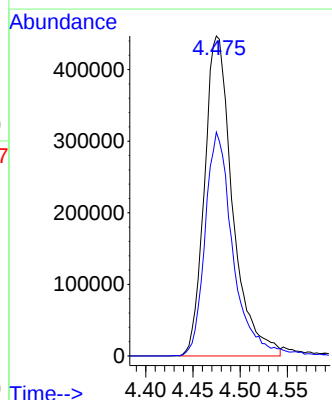
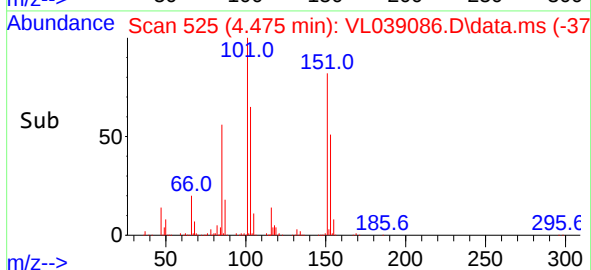
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

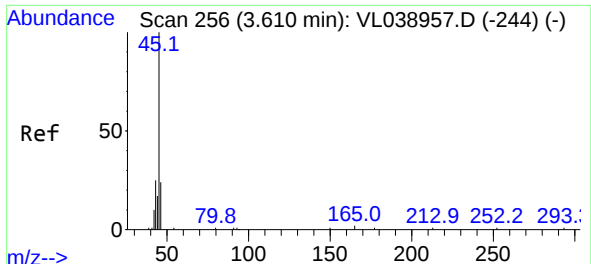


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.274 ppbv
RT: 4.475 min Scan# 525
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



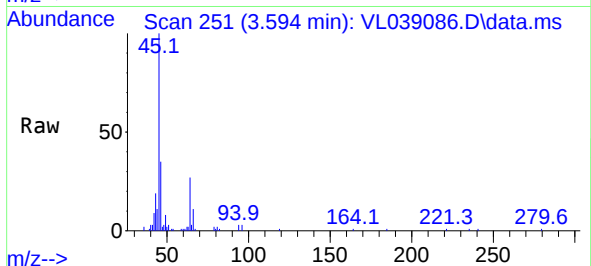
Tgt Ion:101 Resp: 924322
Ion Ratio Lower Upper
101 100
151 70.1 55.4 83.0





#13
Ethanol
Concen: 14.094 ppbv m
RT: 3.594 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

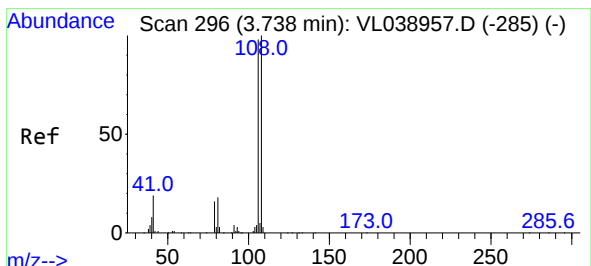
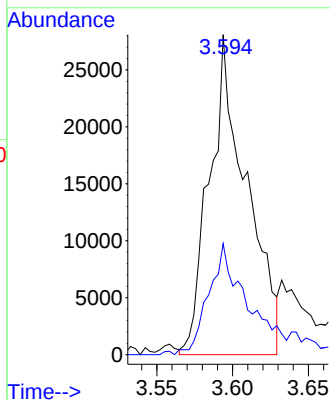
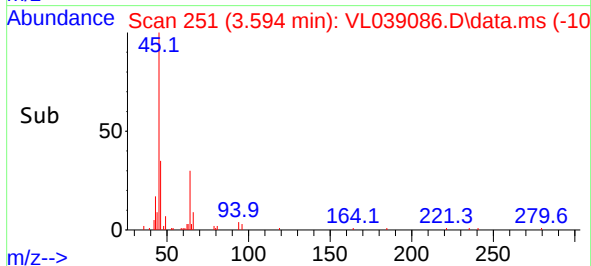
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



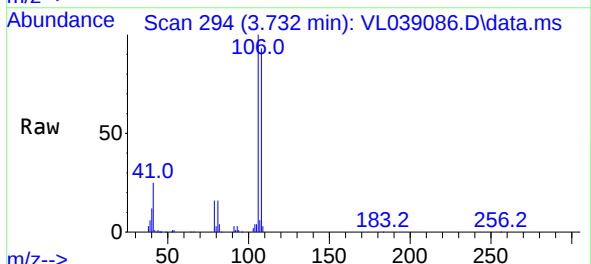
Tgt Ion: 45 Resp: 47852
Ion Ratio Lower Upper
45 100
46 42.6 18.0 72.2

Manual Integrations
APPROVED

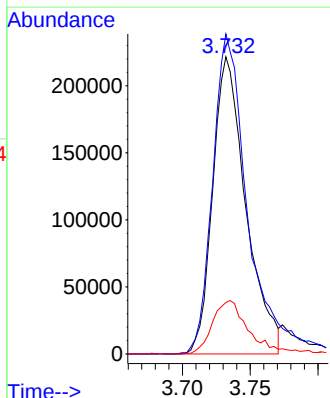
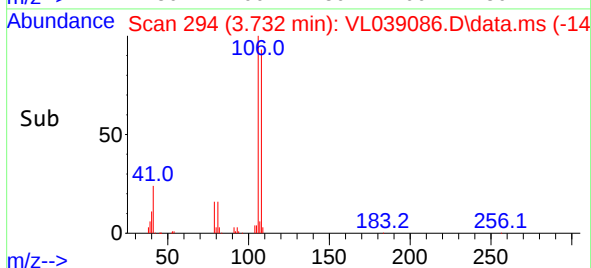
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

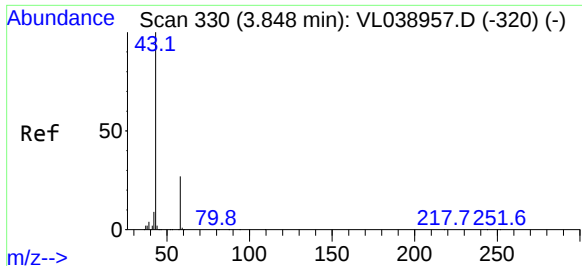


#14
Bromoethene
Concen: 11.154 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



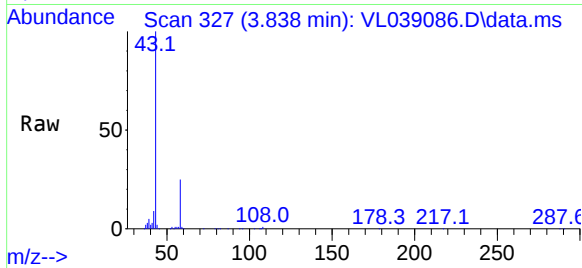
Tgt Ion:108 Resp: 377109
Ion Ratio Lower Upper
108 100
106 116.4 90.3 135.5
79 20.7 14.9 22.3





#15
Acetone
Concen: 11.046 ppbv
RT: 3.838 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

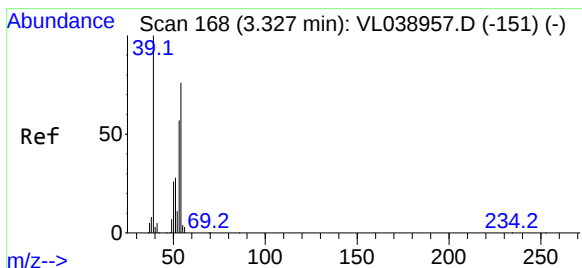
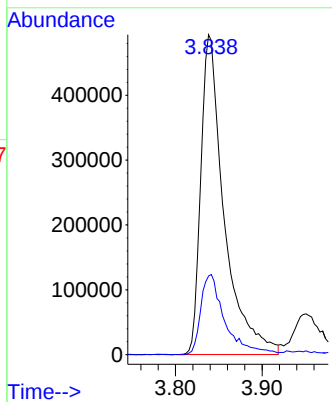
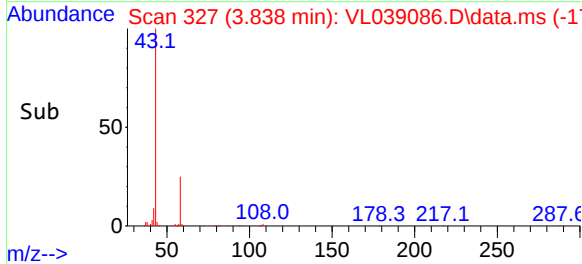
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



Tgt Ion: 43 Resp: 92245
Ion Ratio Lower Upper
43 100
58 26.0 21.3 31.9

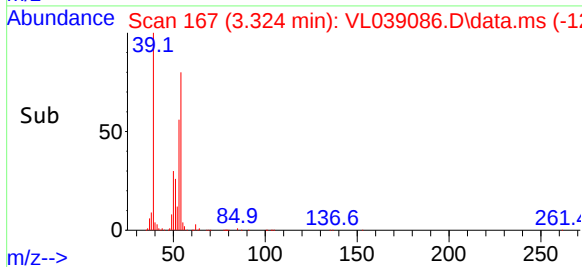
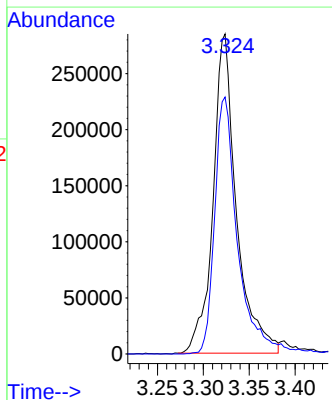
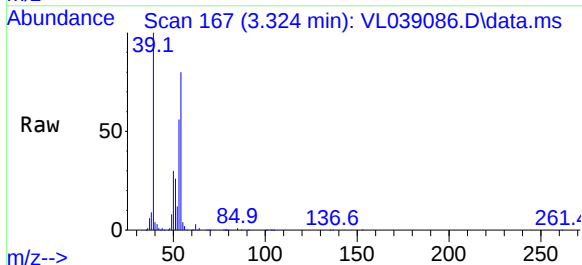
Manual Integrations
APPROVED

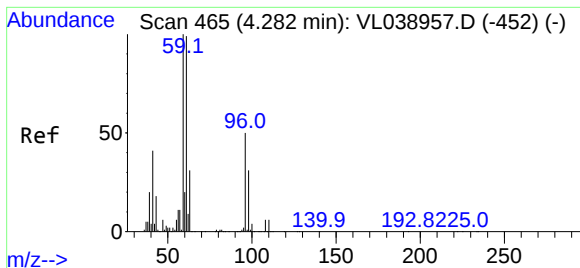
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#16
1,3-Butadiene
Concen: 10.538 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.003 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 39 Resp: 505637
Ion Ratio Lower Upper
39 100
54 80.2 65.2 97.8





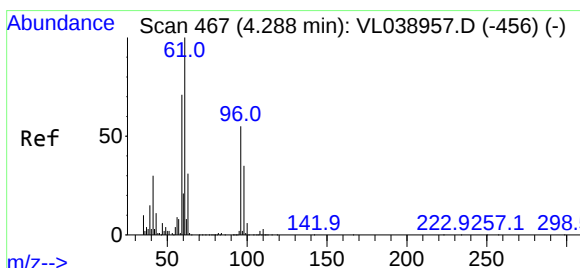
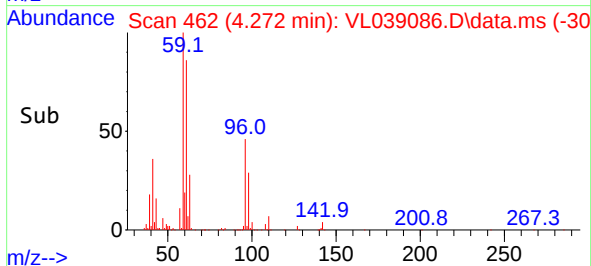
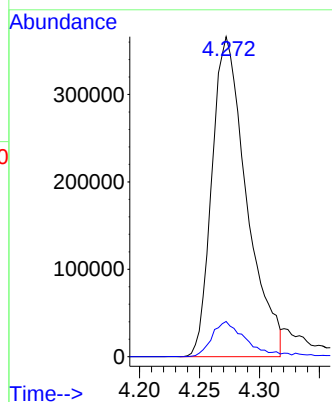
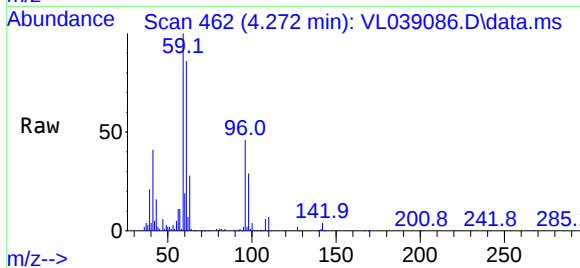
#17
tert-Butyl alcohol
Concen: 11.418 ppbv
RT: 4.272 min Scan# 40
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 59 Resp: 732892
Ion Ratio Lower Upper
59 100
57 12.0 9.2 13.8

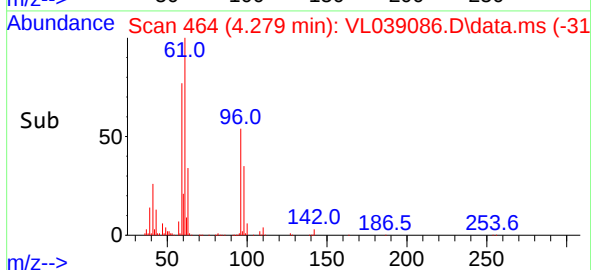
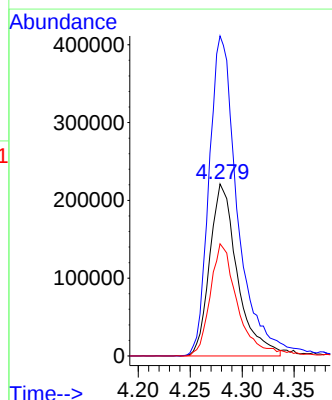
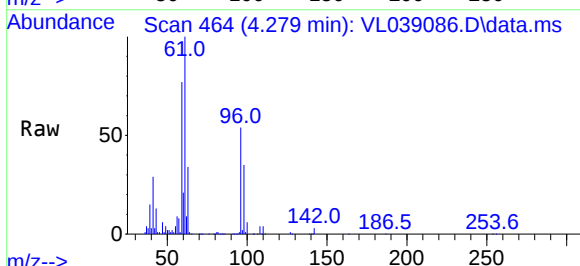
Manual Integrations
APPROVED

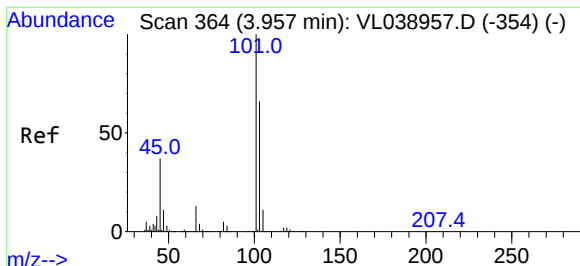
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#18
1,1-Dichloroethene
Concen: 11.609 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 96 Resp: 409632
Ion Ratio Lower Upper
96 100
61 186.0 146.3 219.5
98 65.1 50.6 75.8





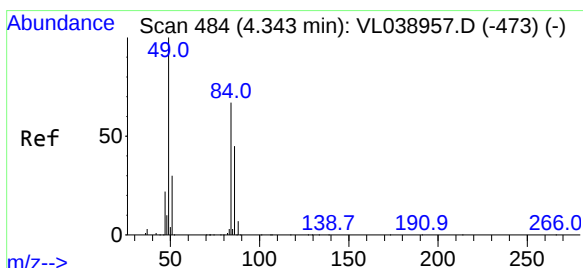
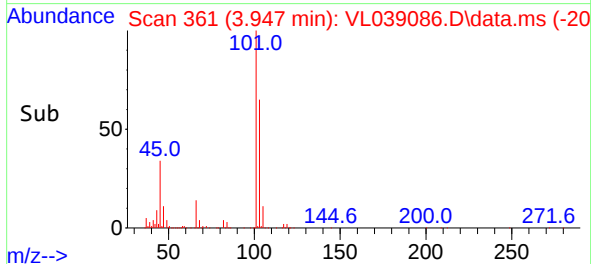
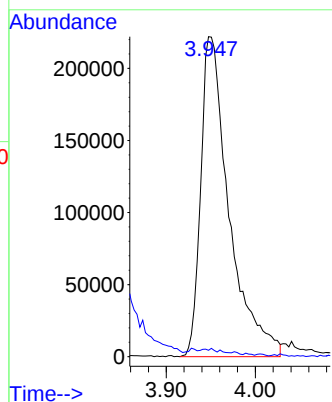
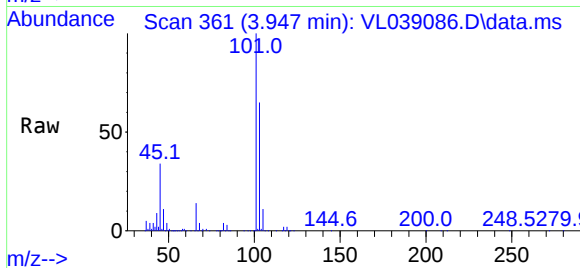
#19
Isopropyl Alcohol
Concen: 12.343 ppbv
RT: 3.947 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 45 Resp: 49011
Ion Ratio Lower Upper
45 100
58 3.8 1.4 2.2

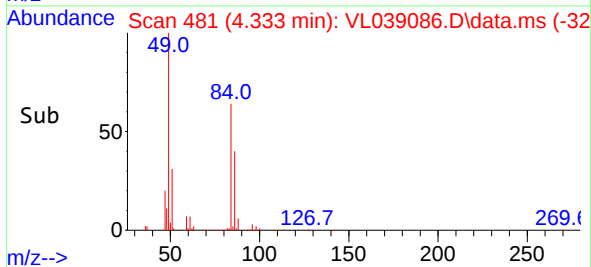
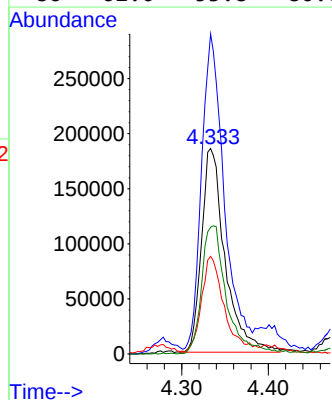
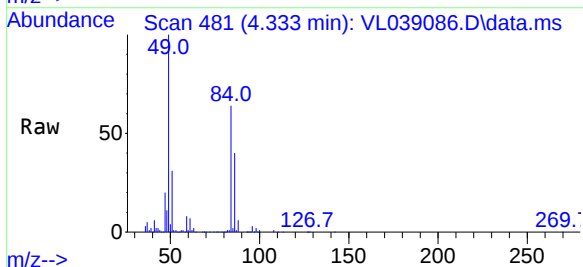
Manual Integrations
APPROVED

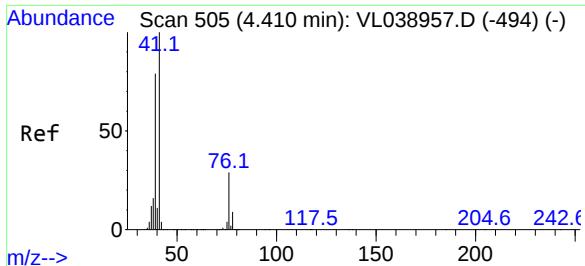
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#20
Methylene Chloride
Concen: 11.117 ppbv
RT: 4.333 min Scan# 481
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 84 Resp: 349900
Ion Ratio Lower Upper
84 100
49 153.9 119.9 179.9
51 46.7 35.7 53.5
86 62.0 53.8 80.6





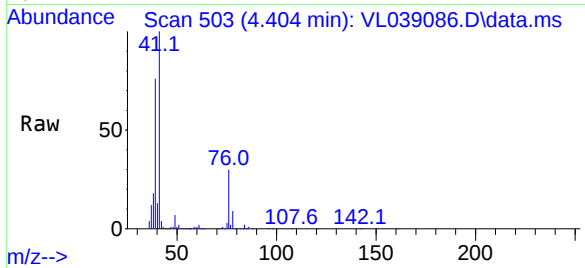
#21
 Allyl Chloride
 Concen: 10.472 ppbv
 RT: 4.404 min Scan# 505
 Delta R.T. -0.006 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54

Instrument :

MSVOA_L

ClientSampleId :

VL0523ABS01

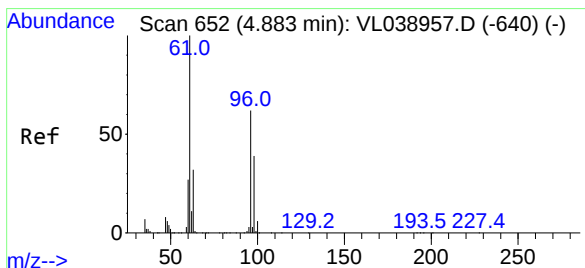
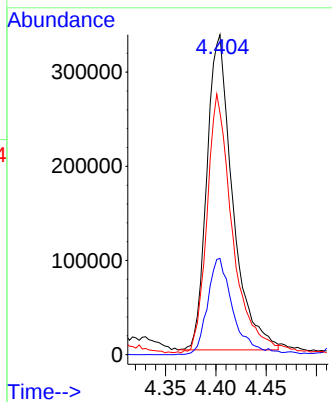
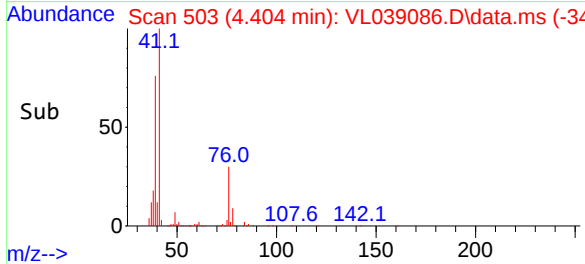


Tgt Ion: 41 Resp: 595908
 Ion Ratio Lower Upper
 41 100
 76 31.0 24.2 36.4
 39 83.4 63.8 95.8

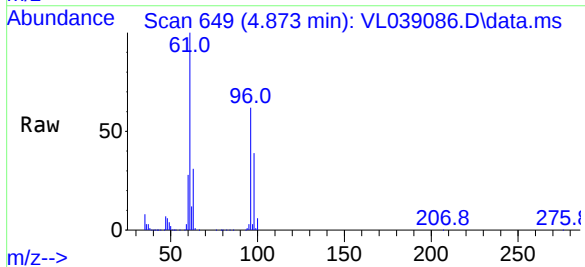
Manual Integrations

APPROVED

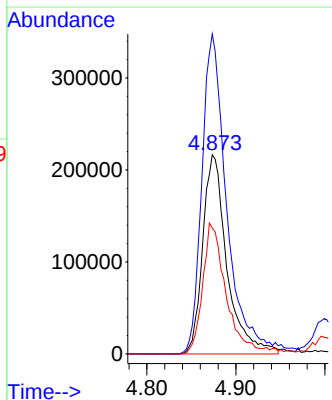
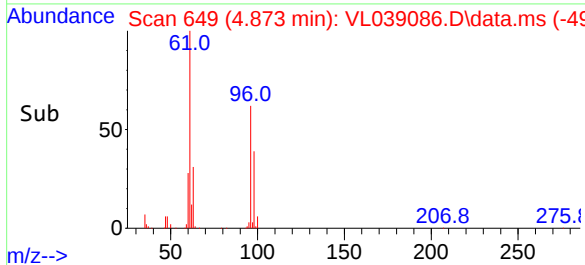
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

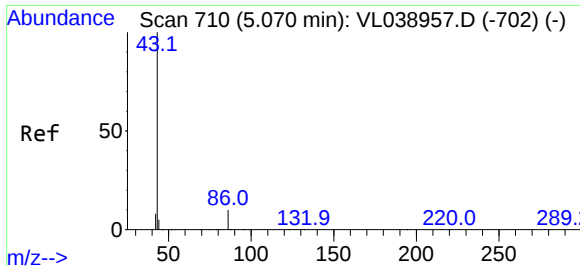


#22
 trans-1,2-Dichloroethene
 Concen: 10.782 ppbv
 RT: 4.873 min Scan# 649
 Delta R.T. -0.010 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54



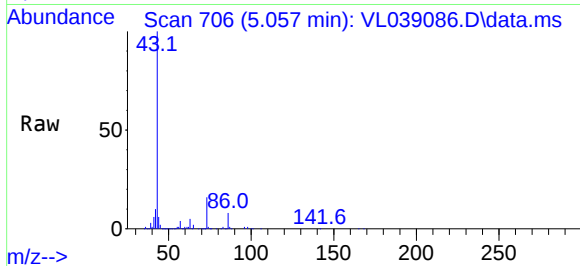
Tgt Ion: 96 Resp: 410961
 Ion Ratio Lower Upper
 96 100
 61 160.6 128.2 192.2
 98 63.2 50.1 75.1





#23
 Vinyl Acetate
 Concen: 11.075 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. -0.013 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54

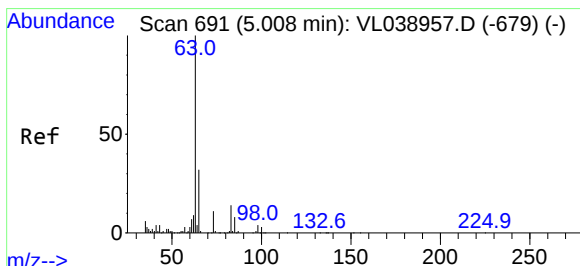
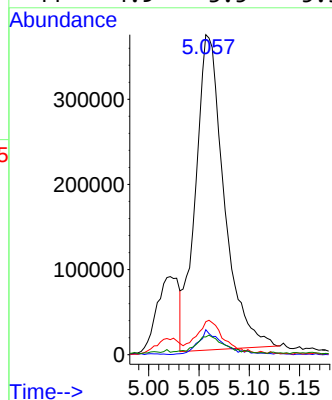
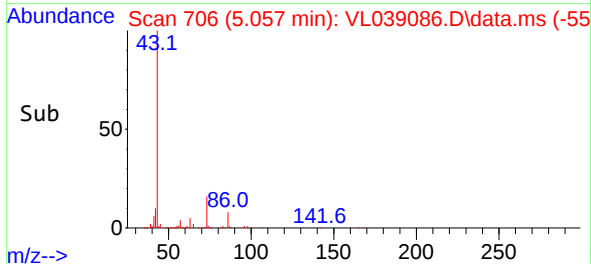
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0523ABS01



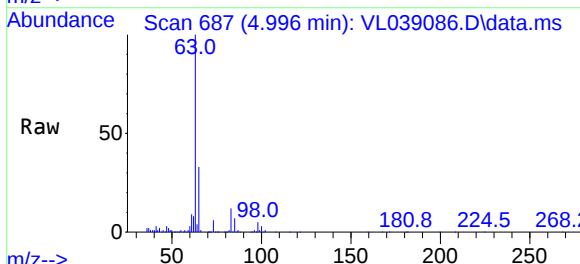
Tgt Ion: 43 Resp: 731818
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.6 9.8
 42 10.3 8.1 12.1
 44 4.9 3.5 5.3

Manual Integrations
 APPROVED

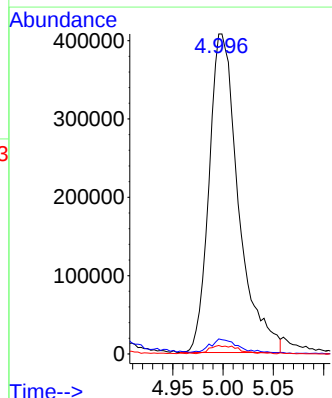
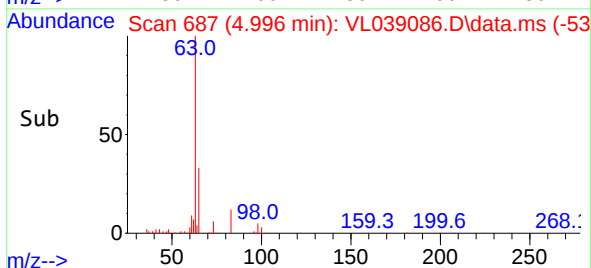
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

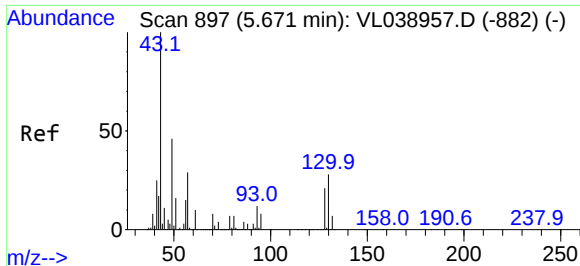


#24
 1,1-Dichloroethane
 Concen: 10.865 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54



Tgt Ion: 63 Resp: 826693
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.1 6.2
 100 2.4 1.4 4.2





#25
Ethyl Acetate
Concen: 10.867 ppbv
RT: 5.661 min Scan# 897
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

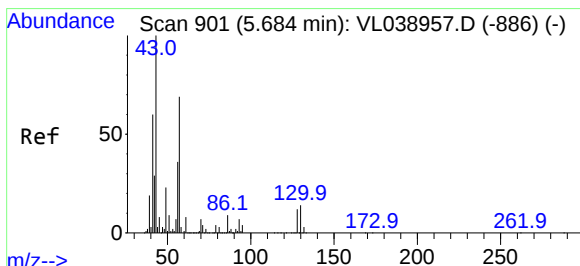
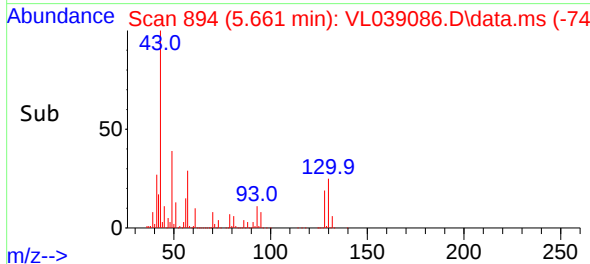
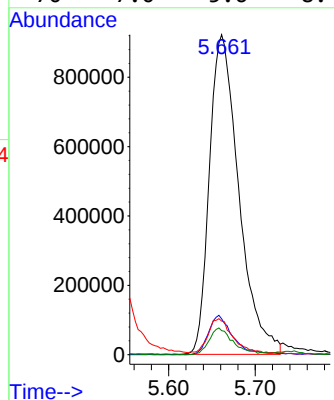
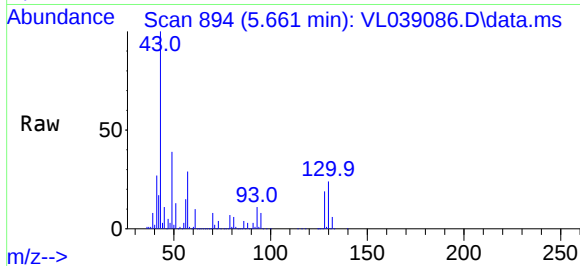
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 43 Resp: 2172154

Ion	Ratio	Lower	Upper
43	100		
45	10.6	8.1	12.1
61	10.1	7.8	11.6
70	7.0	5.6	8.4

Manual Integrations
APPROVED

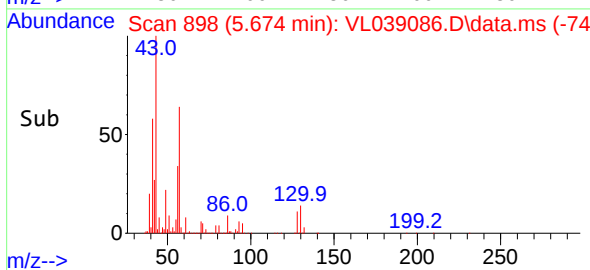
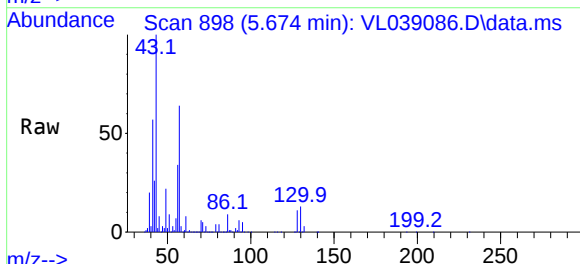
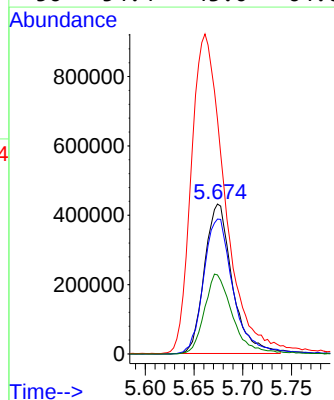
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

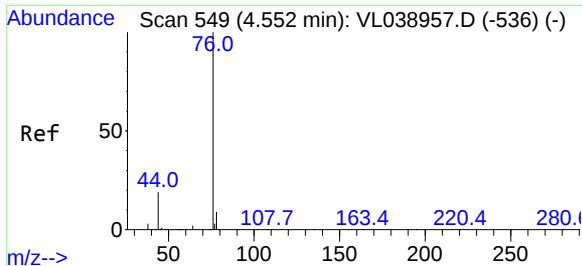


#26
Hexane
Concen: 9.629 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 57 Resp: 855132

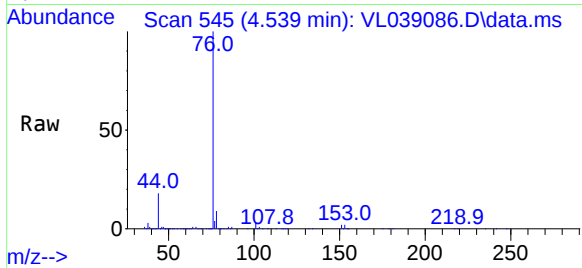
Ion	Ratio	Lower	Upper
57	100		
41	97.7	75.2	112.8
43	259.8	190.8	286.2
56	54.4	43.0	64.6





#27
Carbon Disulfide
Concen: 11.223 ppbv
RT: 4.539 min Scan# 549
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

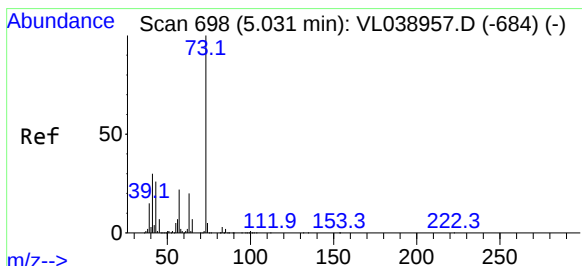
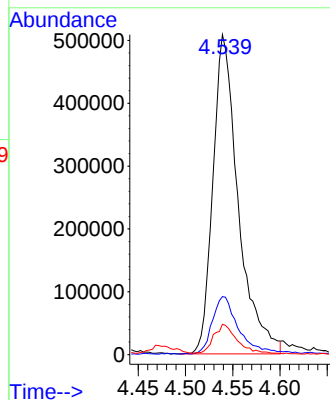
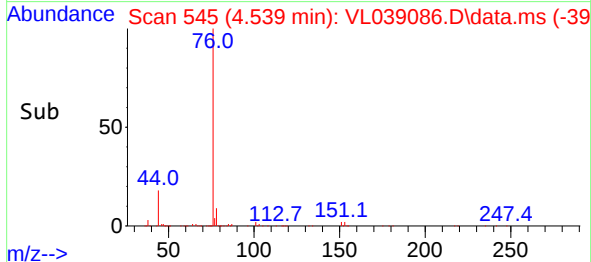
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



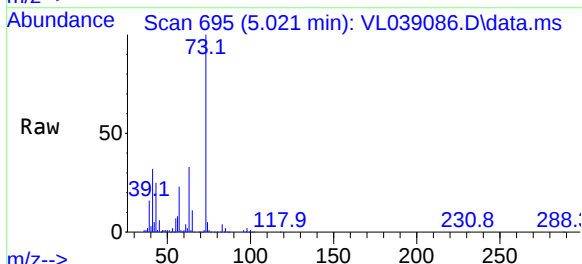
Tgt Ion: 76 Resp: 946872
Ion Ratio Lower Upper
76 100
44 18.8 15.3 22.9
78 10.1 8.2 12.2

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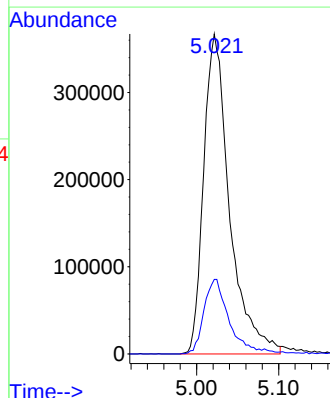
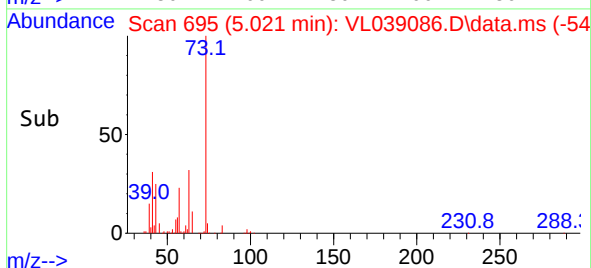
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

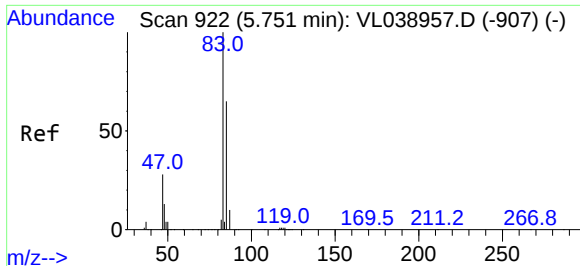


#28
Methyl tert-Butyl Ether
Concen: 11.935 ppbv
RT: 5.021 min Scan# 695
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



Tgt Ion: 73 Resp: 806433
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2





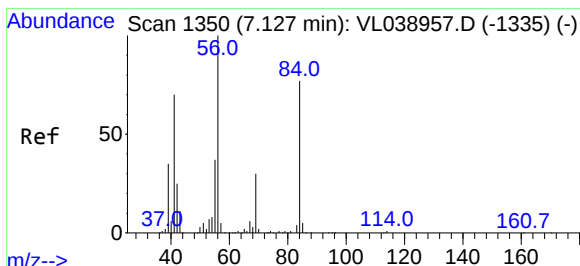
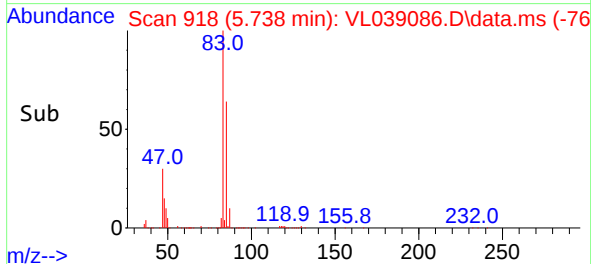
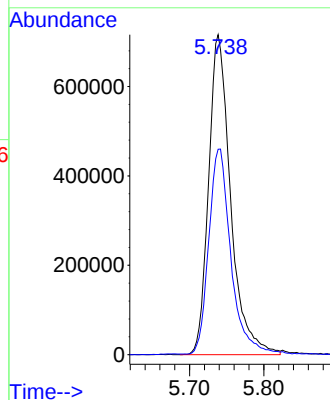
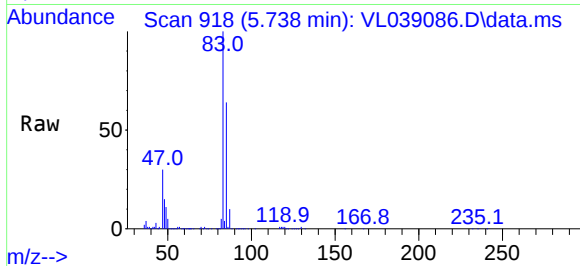
#29
Chloroform
Concen: 10.253 ppbv
RT: 5.738 min Scan# 918
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 83 Resp: 147317
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6

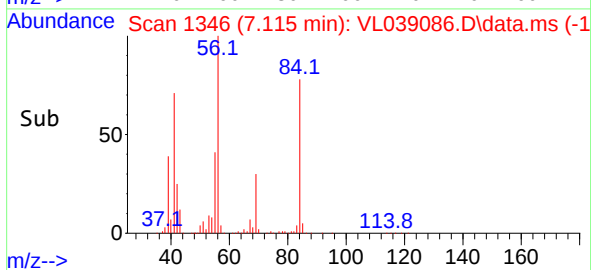
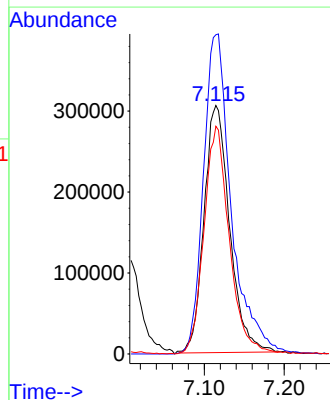
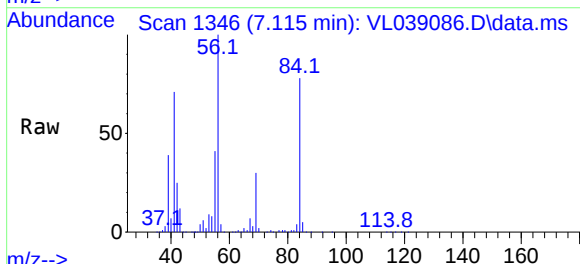
Manual Integrations
APPROVED

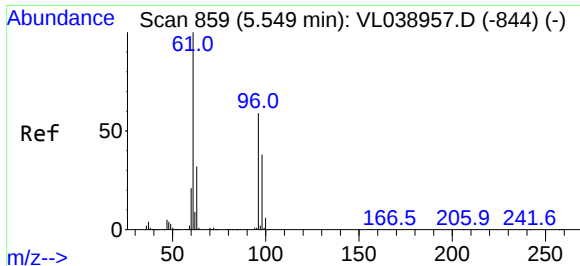
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#30
Cyclohexane
Concen: 9.165 ppbv
RT: 7.115 min Scan# 1346
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

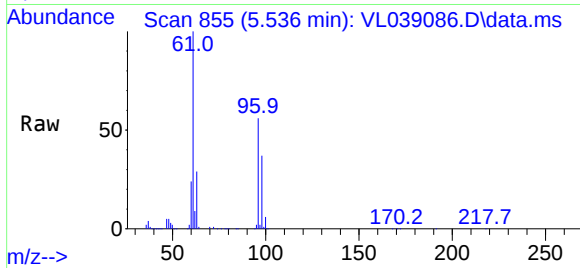
Tgt Ion: 84 Resp: 681519
Ion Ratio Lower Upper
84 100
56 141.7 115.3 172.9
41 91.4 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.002 ppbv
 RT: 5.536 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54

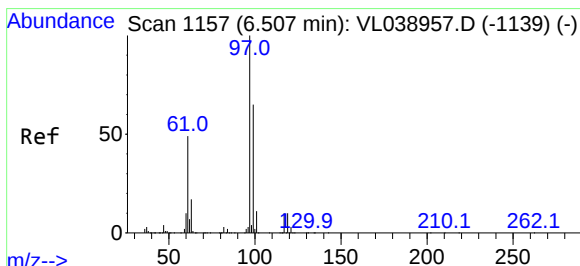
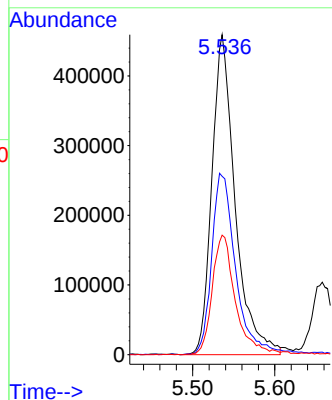
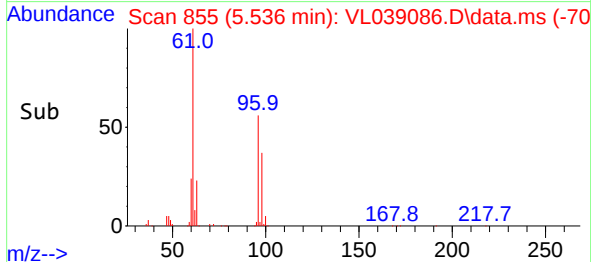
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0523ABS01



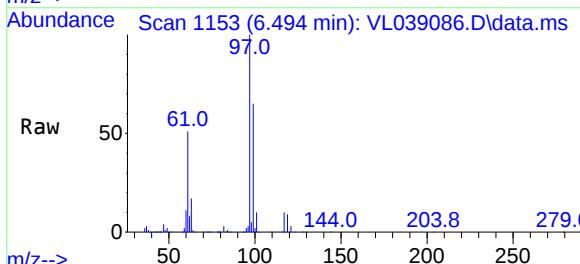
Tgt Ion: 61 Resp: 904984
 Ion Ratio Lower Upper
 61 100
 96 55.8 47.4 71.0
 98 37.3 30.6 45.8

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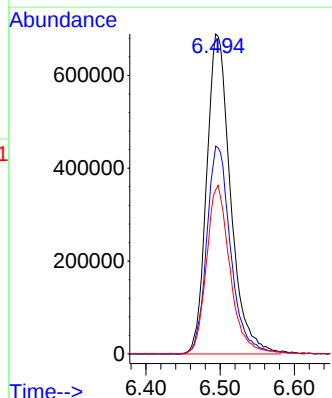
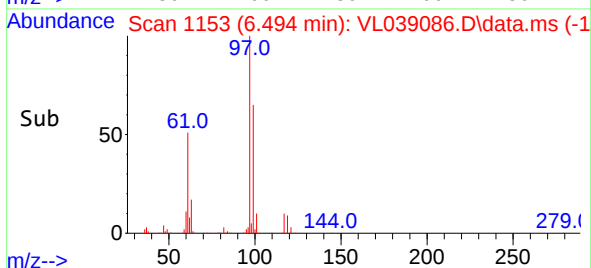
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

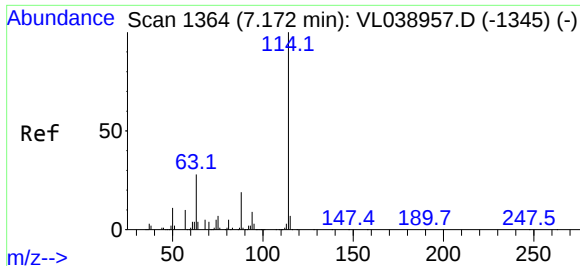


#32
 1,1,1-Trichloroethane
 Concen: 10.726 ppbv
 RT: 6.494 min Scan# 1153
 Delta R.T. -0.013 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54



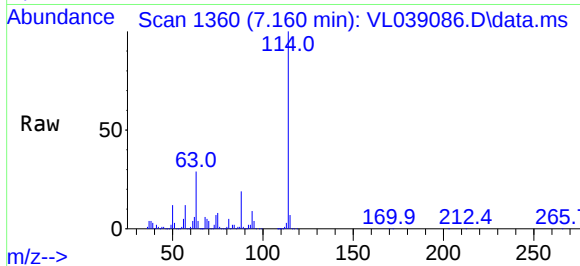
Tgt Ion: 97 Resp: 1541036
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.9 77.9
 61 52.1 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

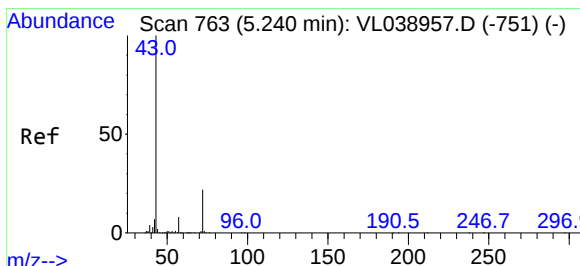
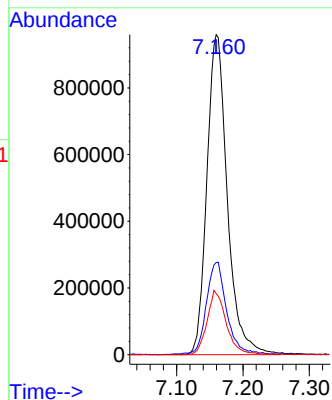
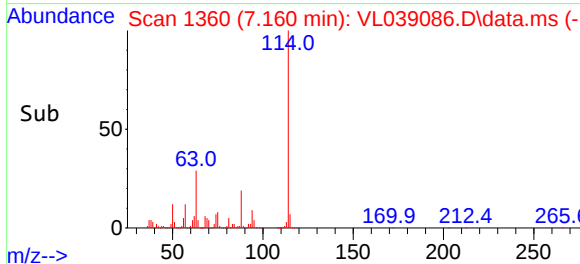


Tgt Ion:114 Resp: 205424

Ion	Ratio	Lower	Upper
114	100		
63	29.2	22.6	33.8
88	18.9	15.4	23.0

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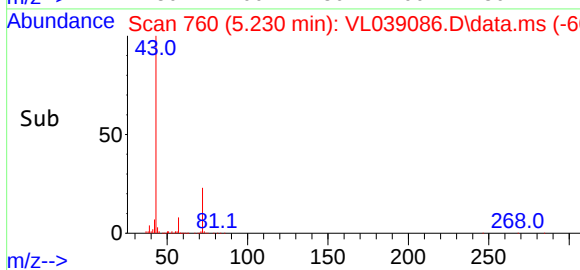
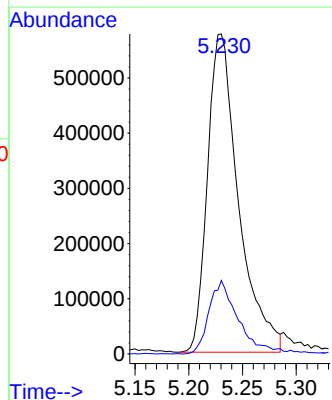
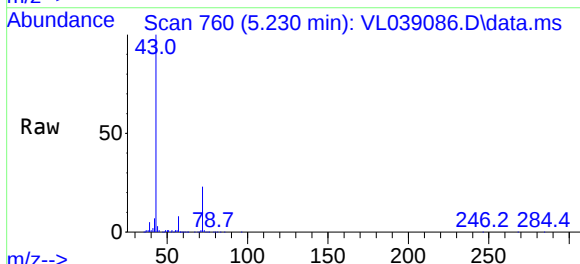
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

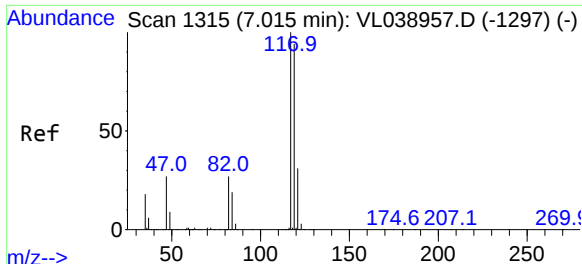


#34
2-Butanone
Concen: 11.067 ppbv
RT: 5.230 min Scan# 760
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 43 Resp: 1159840

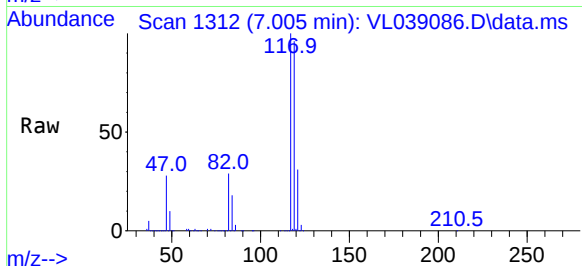
Ion	Ratio	Lower	Upper
43	100		
72	22.7	17.8	26.6





#35
Carbon Tetrachloride
Concen: 12.029 ppbv
RT: 7.005 min Scan# 117
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

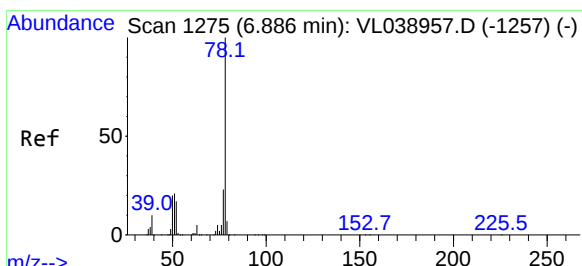
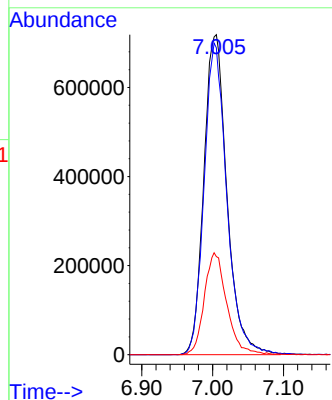
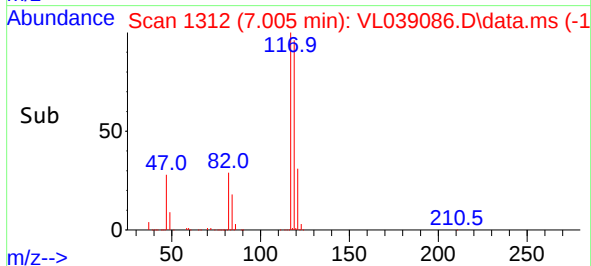
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



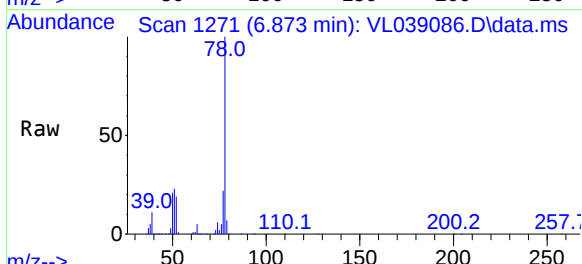
Tgt Ion:117 Resp: 162820
Ion Ratio Lower Upper
117 100
119 95.8 75.2 112.8
121 30.6 24.6 37.0

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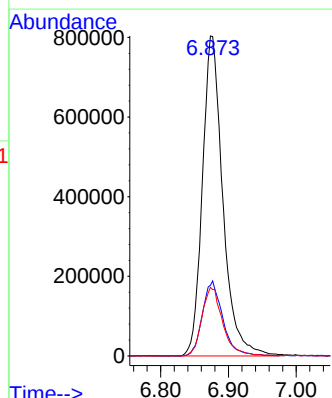
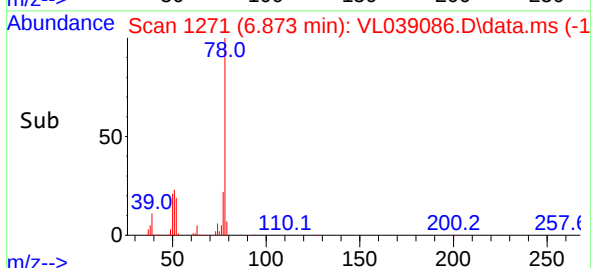
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

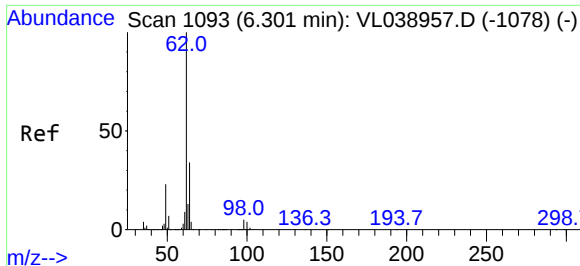


#36
Benzene
Concen: 9.577 ppbv
RT: 6.873 min Scan# 1271
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



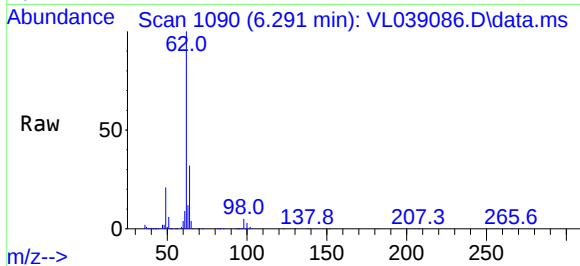
Tgt Ion: 78 Resp: 1683578
Ion Ratio Lower Upper
78 100
77 22.1 18.6 28.0
50 21.4 15.6 23.4





#37
1,2-Dichloroethane
Concen: 11.477 ppbv
RT: 6.291 min Scan# 1090
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

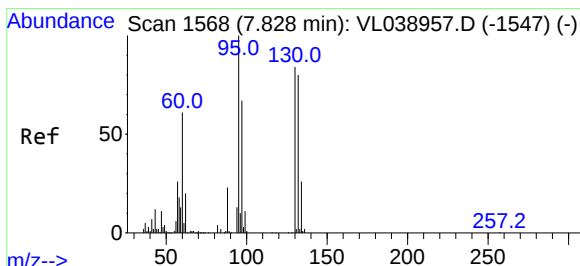
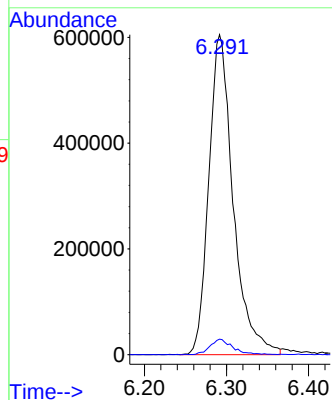
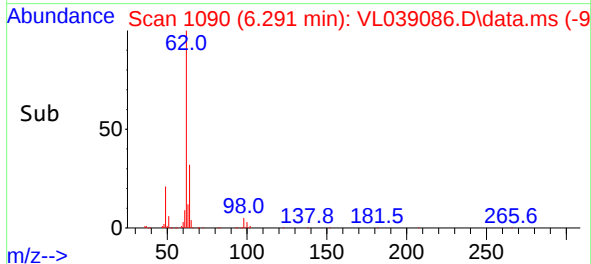
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



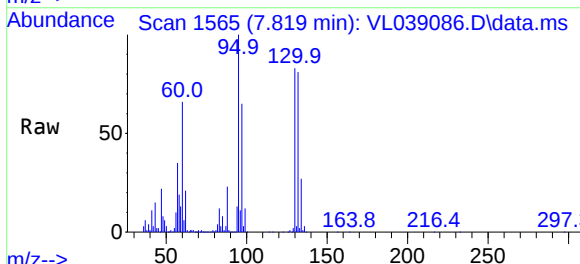
Tgt Ion: 62 Resp: 1248349
Ion Ratio Lower Upper
62 100
98 4.6 4.5 6.7

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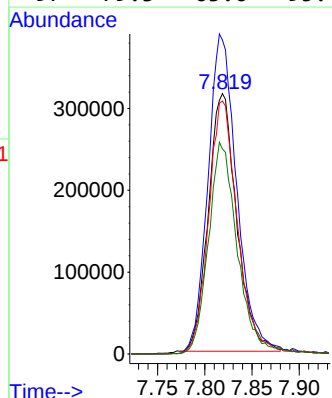
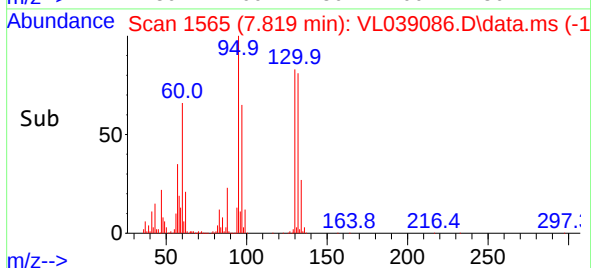
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

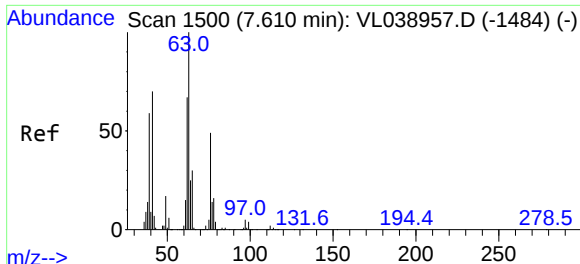


#38
Trichloroethene
Concen: 8.430 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



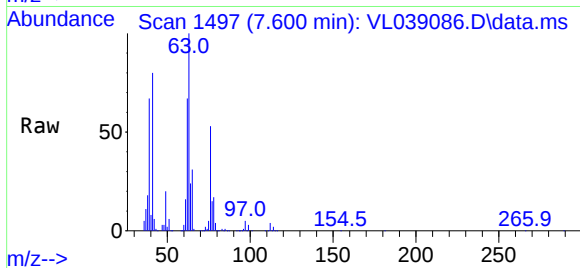
Tgt Ion:130 Resp: 658841
Ion Ratio Lower Upper
130 100
95 121.5 94.8 142.2
132 98.0 75.8 113.8
97 79.3 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.929 ppbv m
RT: 7.600 min Scan# 14
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

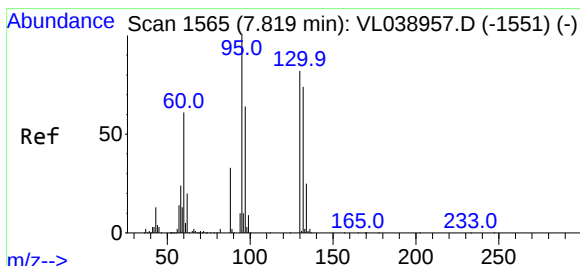
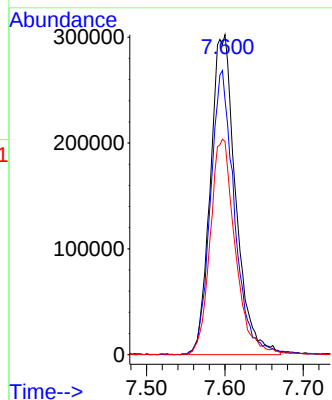
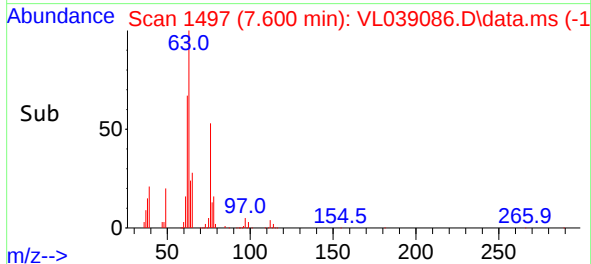
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



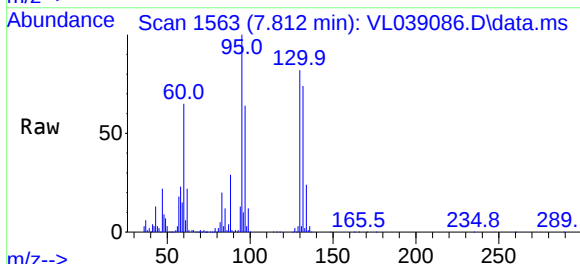
Tgt Ion: 63 Resp: 67919
Ion Ratio Lower Upper
63 100
41 79.7 55.9 83.9
62 66.6 53.8 80.6

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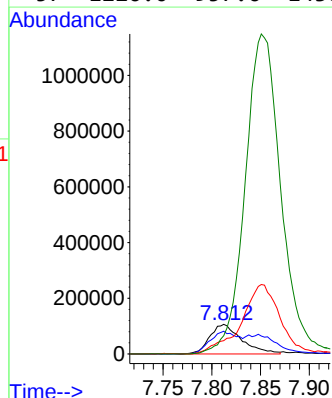
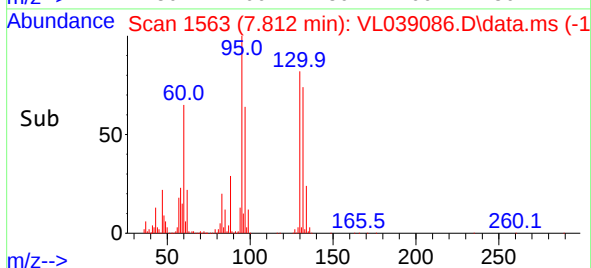
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

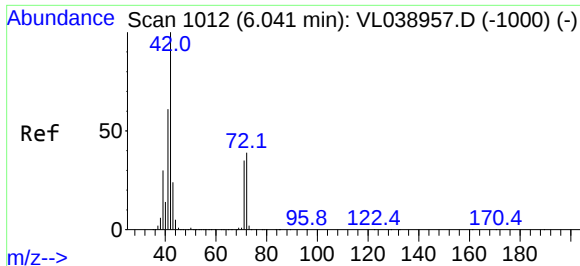


#40
1,4-Dioxane
Concen: 9.780 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



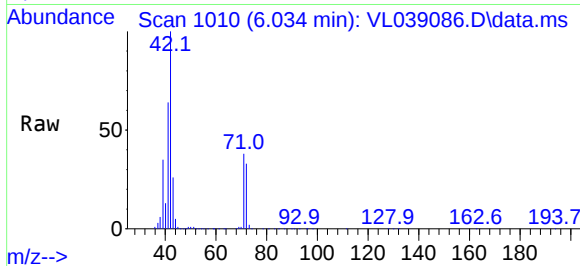
Tgt Ion: 88 Resp: 240273
Ion Ratio Lower Upper
88 100
58 133.6 106.1 159.1
43 291.4 222.9 334.3
57 1226.0 957.6 1436.4





#41
Tetrahydrofuran
Concen: 9.319 ppbv
RT: 6.034 min Scan# 1012
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

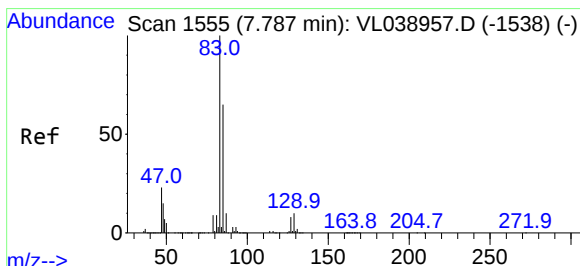
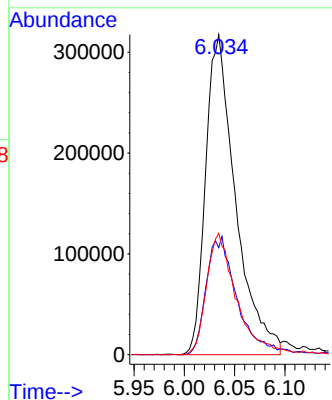
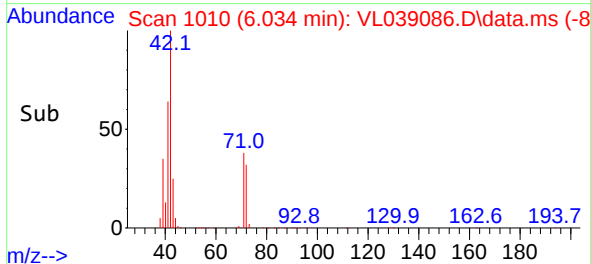
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



Tgt Ion: 42 Resp: 656370
Ion Ratio Lower Upper
42 100
72 39.0 31.8 47.6
71 38.9 30.6 45.8

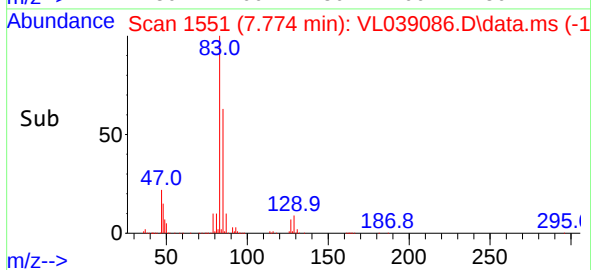
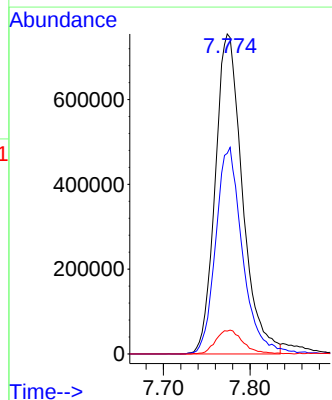
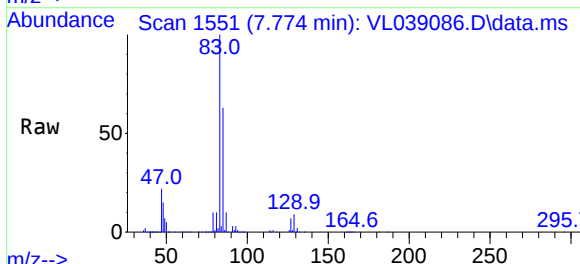
Manual Integrations
APPROVED

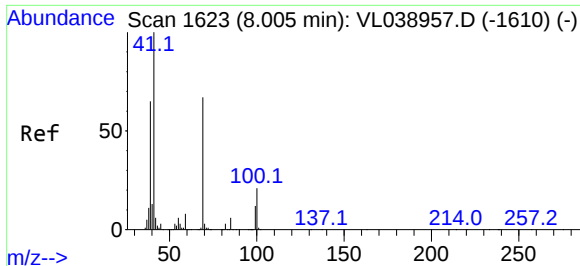
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#42
Bromodichloromethane
Concen: 11.070 ppbv
RT: 7.774 min Scan# 1551
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

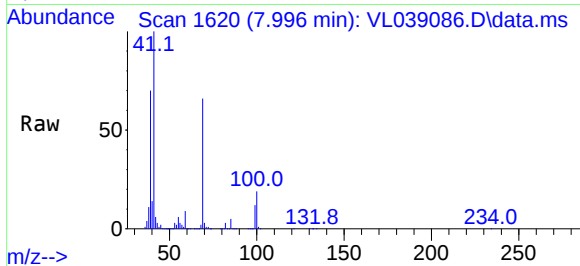
Tgt Ion: 83 Resp: 1646215
Ion Ratio Lower Upper
83 100
85 62.7 52.0 78.0
127 7.2 6.0 9.0





#43
Methyl Methacrylate
Concen: 10.560 ppbv
RT: 7.996 min Scan# 1623
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

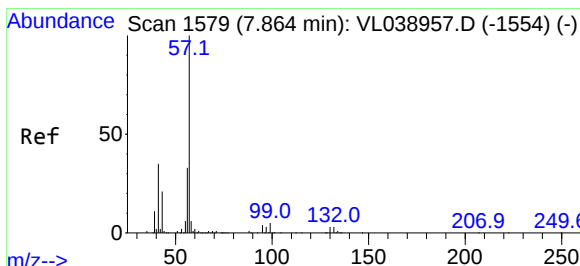
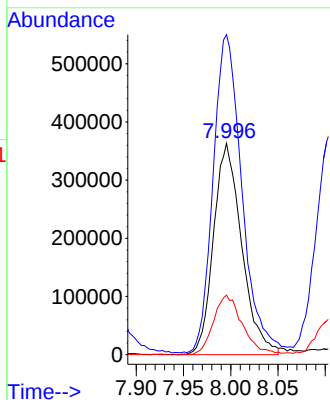
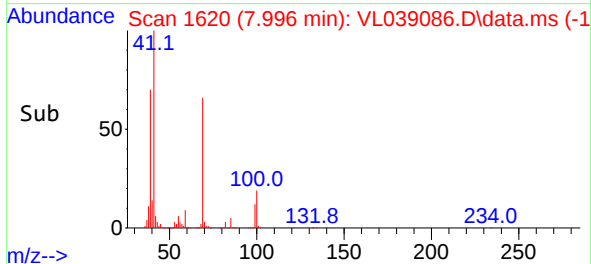
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



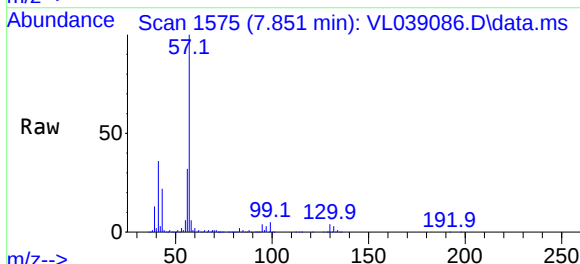
Tgt Ion: 69 Resp: 753652
Ion Ratio Lower Upper
69 100
41 155.7 121.9 182.9
100 29.1 24.6 36.8

Manual Integrations
APPROVED

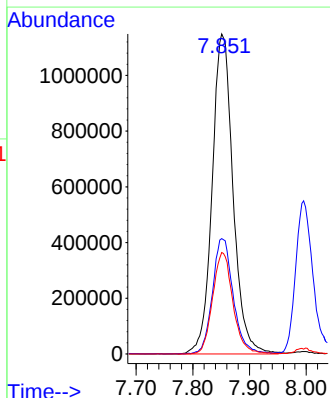
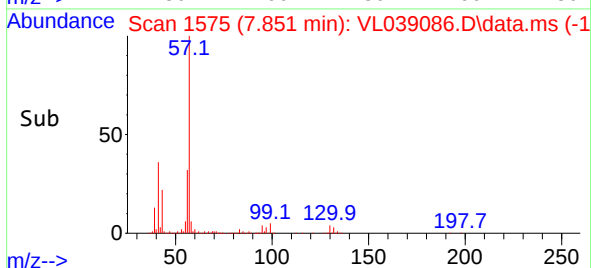
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

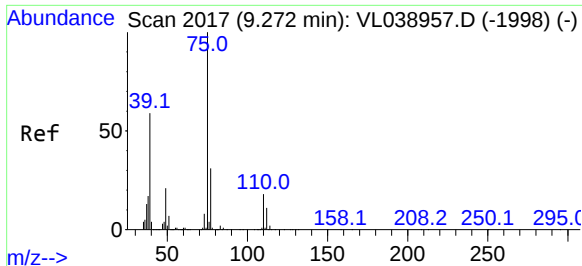


#44
2,2,4-Trimethylpentane
Concen: 9.540 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



Tgt Ion: 57 Resp: 2942841
Ion Ratio Lower Upper
57 100
41 35.6 26.3 39.5
56 30.9 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 9.146 ppbv
RT: 9.259 min Scan# 2017
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :

MSVOA_L

ClientSampleId :

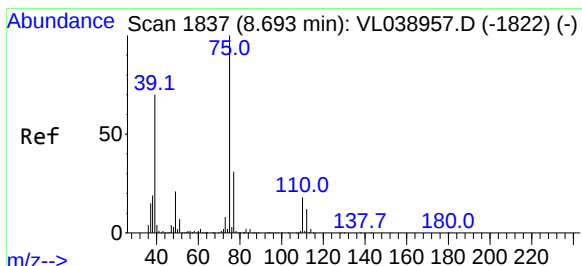
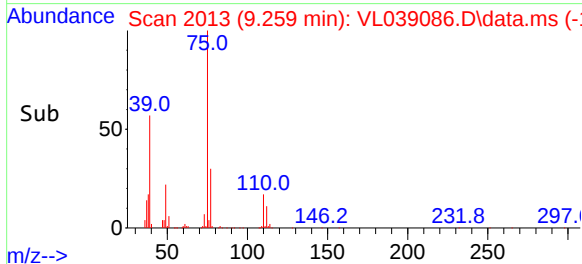
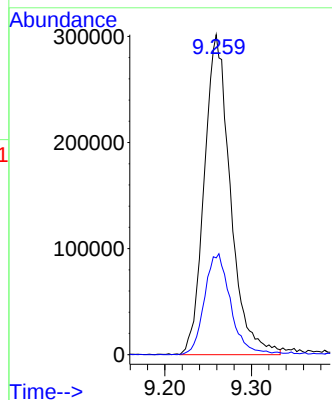
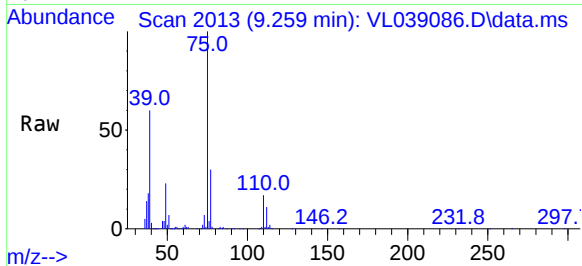
VL0523ABS01

Tgt Ion: 75 Resp: 63185
Ion Ratio Lower Upper
75 100
77 30.3 24.6 37.0

Manual Integrations

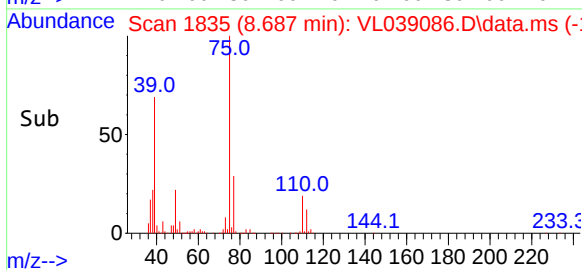
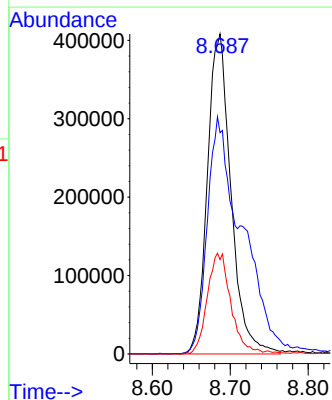
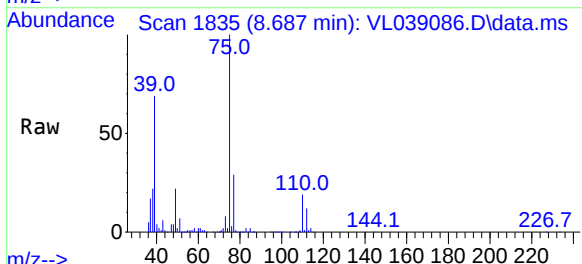
APPROVED

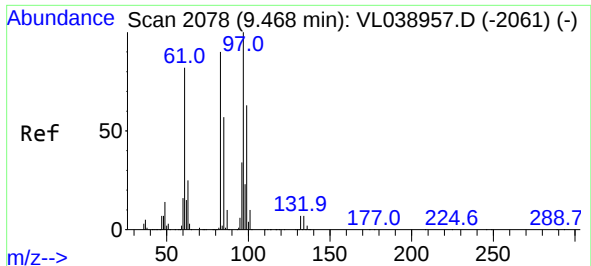
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#46
cis-1,3-Dichloropropene
Concen: 9.390 ppbv
RT: 8.687 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

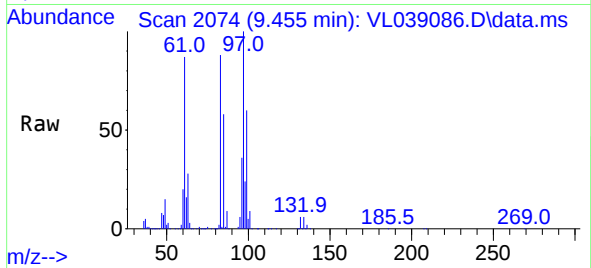
Tgt Ion: 75 Resp: 860248
Ion Ratio Lower Upper
75 100
39 69.0 55.8 83.6
77 29.5 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 9.690 ppbv
RT: 9.455 min Scan# 2078
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

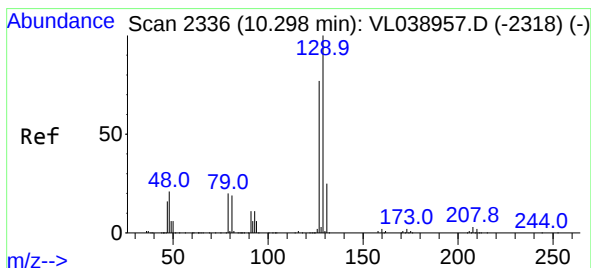
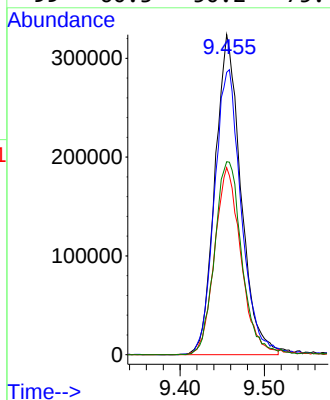
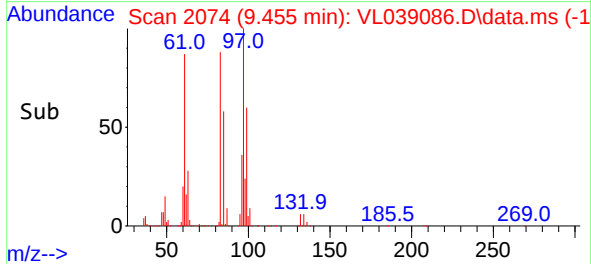
Instrument : MSVOA_L
ClientSampleId : VL0523ABS01



Tgt Ion: 97 Resp: 689392
Ion Ratio Lower Upper
97 100
83 88.3 72.0 108.0
85 58.4 45.7 68.5
99 60.3 50.2 75.4

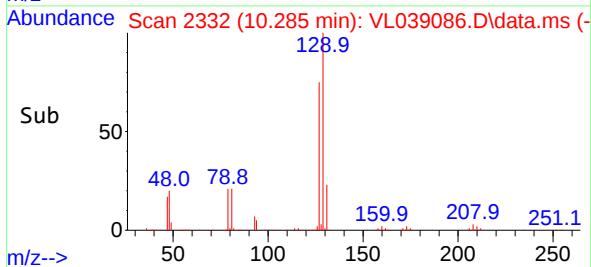
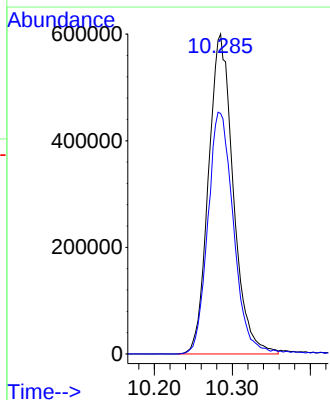
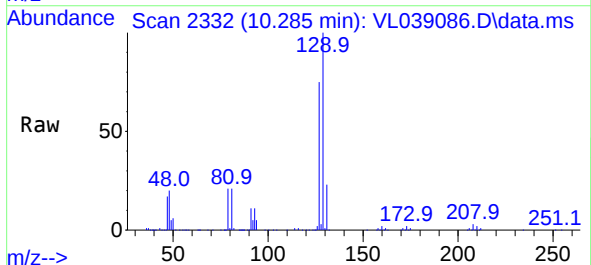
Manual Integrations
APPROVED

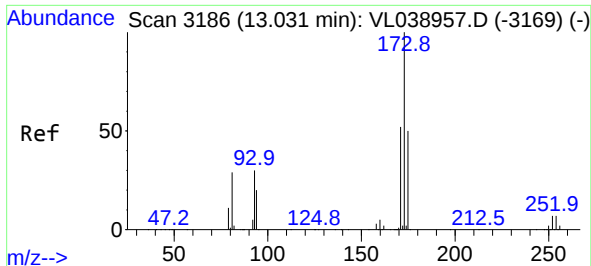
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#48
Dibromochloromethane
Concen: 11.463 ppbv
RT: 10.285 min Scan# 2332
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

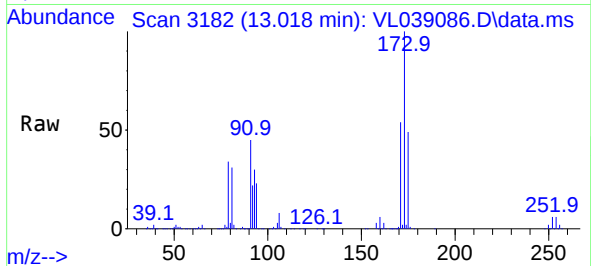
Tgt Ion:129 Resp: 1327348
Ion Ratio Lower Upper
129 100
127 79.0 39.3 117.9





#49
Bromoform
Concen: 11.991 ppbv
RT: 13.018 min Scan# 3186
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

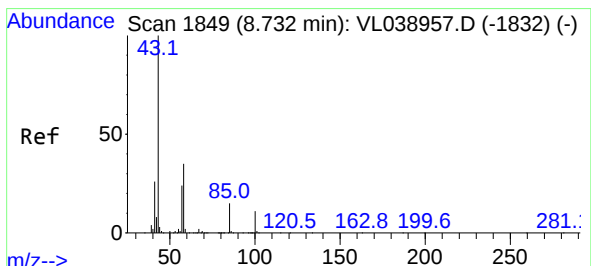
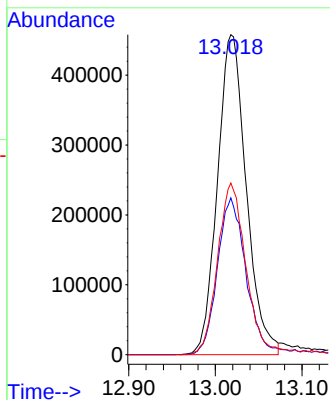
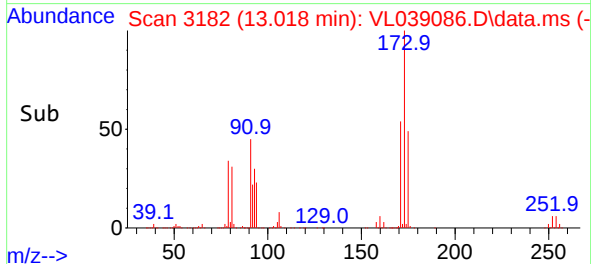
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



Tgt Ion:173 Resp: 105892
Ion Ratio Lower Upper
173 100
175 51.2 41.0 61.6
171 53.5 42.6 64.0

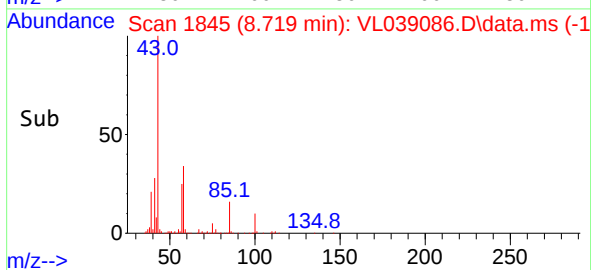
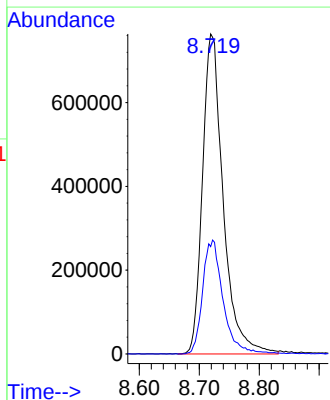
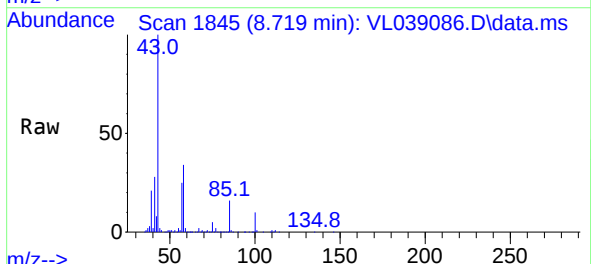
Manual Integrations
APPROVED

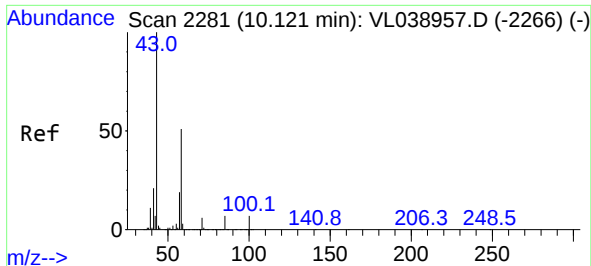
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#50
4-Methyl-2-Pentanone
Concen: 9.960 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

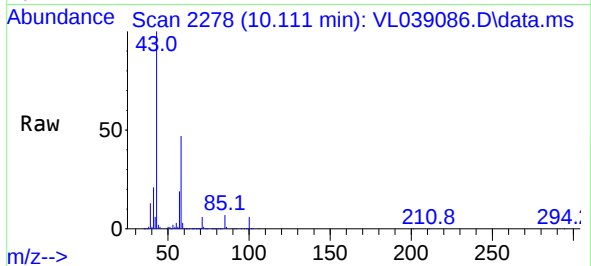
Tgt Ion: 43 Resp: 1830390
Ion Ratio Lower Upper
43 100
58 35.3 28.4 42.6





#51
2-Hexanone
Concen: 10.287 ppbv
RT: 10.111 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

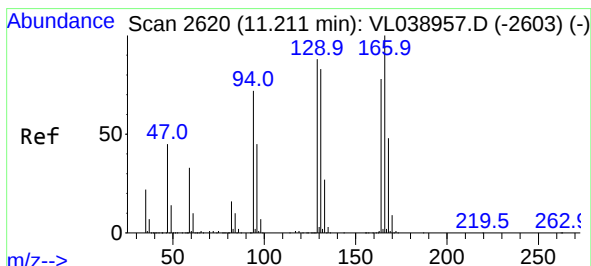
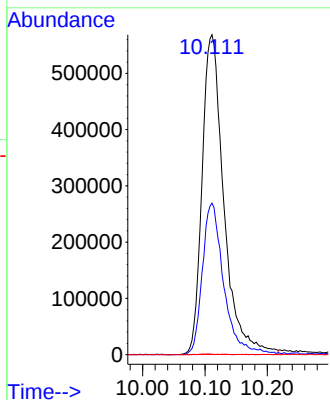
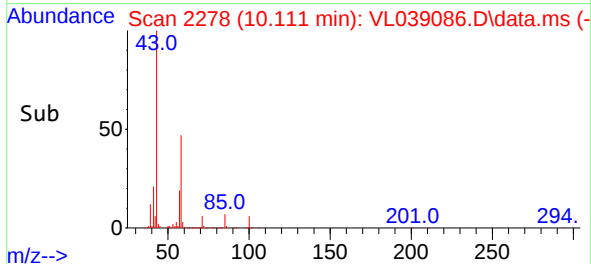
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



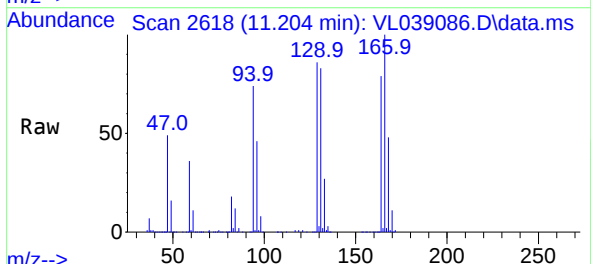
Tgt Ion: 43 Resp: 137976
Ion Ratio Lower Upper
43 100
58 46.7 39.3 58.9
98 0.2 0.2 0.2

Manual Integrations
APPROVED

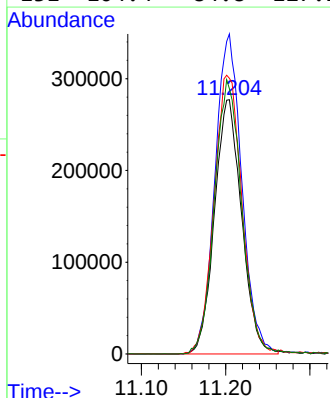
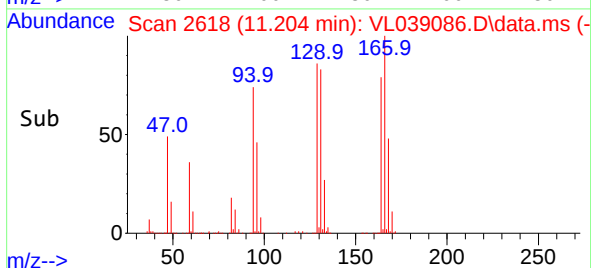
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

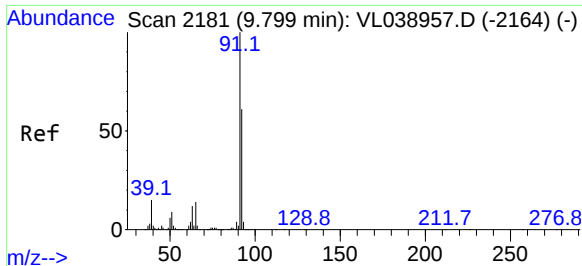


#52
Tetrachloroethene
Concen: 9.830 ppbv
RT: 11.204 min Scan# 2618
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



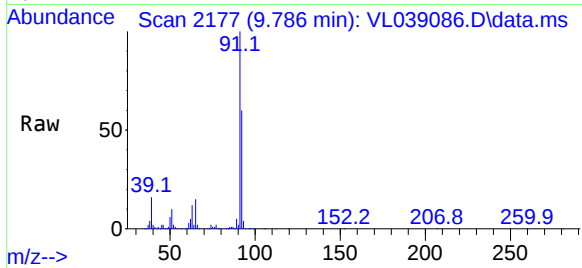
Tgt Ion:164 Resp: 617547
Ion Ratio Lower Upper
164 100
166 125.9 102.5 153.7
129 108.4 90.1 135.1
131 104.4 84.8 127.2





#53
Toluene
Concen: 9.885 ppbv
RT: 9.786 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

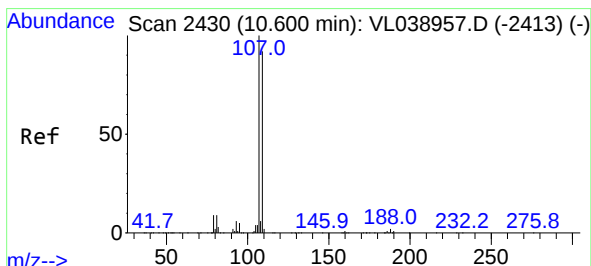
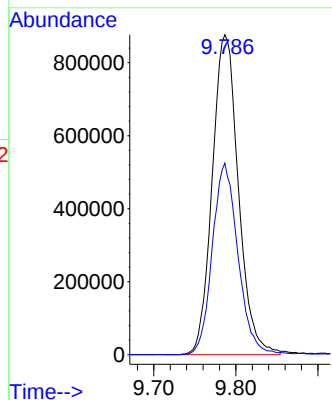
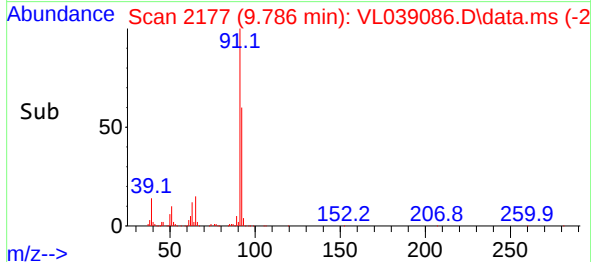
Instrument : MSVOA_L
ClientSampleId : VL0523ABS01



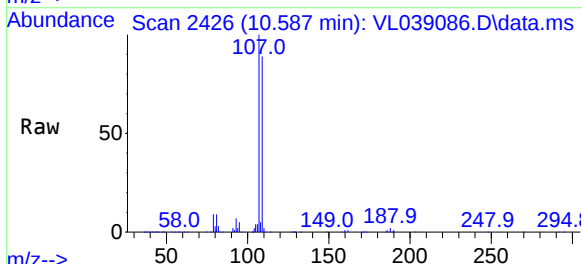
Tgt Ion: 91 Resp: 194783
Ion Ratio Lower Upper
91 100
92 59.1 48.2 72.2

Manual Integrations
APPROVED

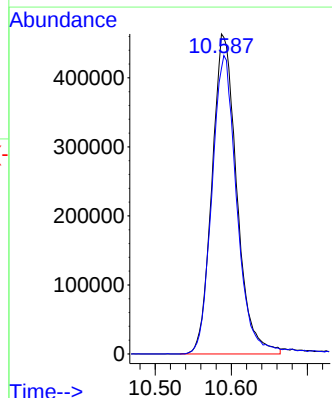
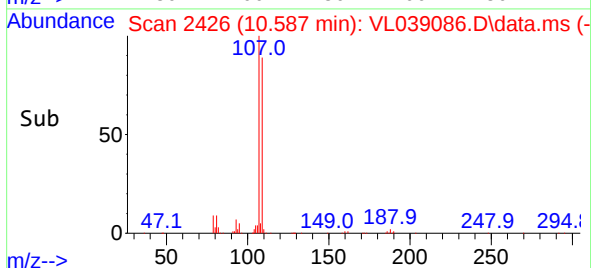
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

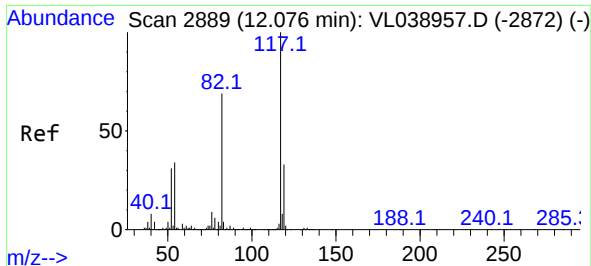


#54
1,2-Dibromoethane
Concen: 10.814 ppbv
RT: 10.587 min Scan# 2426
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



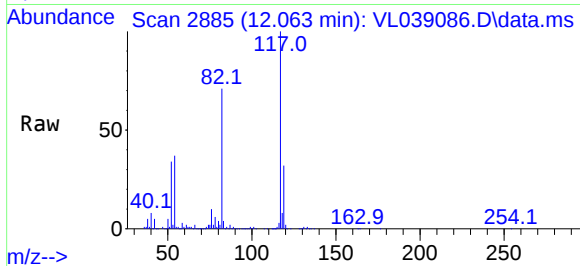
Tgt Ion:107 Resp: 1047354
Ion Ratio Lower Upper
107 100
109 89.2 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

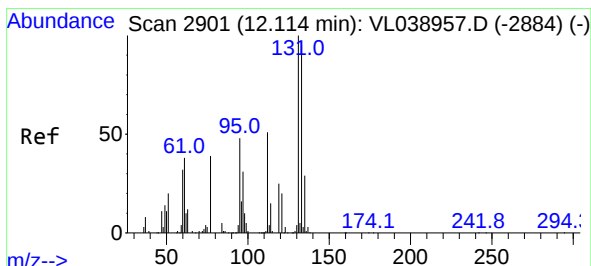
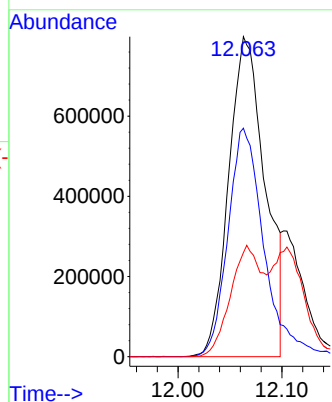
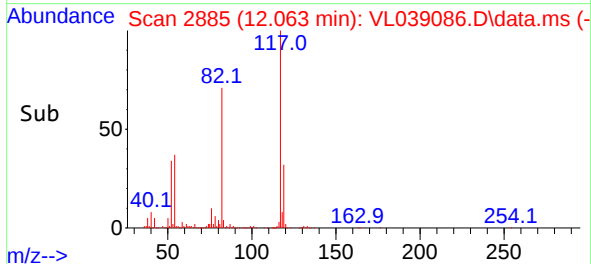
Instrument : MSVOA_L
ClientSampleId : VL0523ABS01



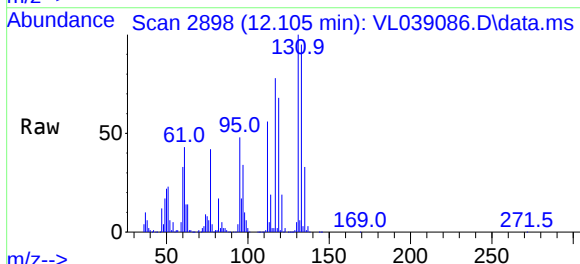
Tgt Ion:117 Resp: 1942350
Ion Ratio Lower Upper
117 100
82 72.5 57.0 85.6
119 30.5 27.2 40.8

Manual Integrations
APPROVED

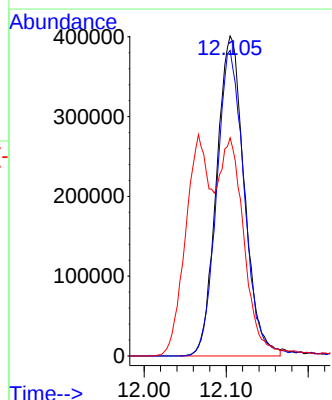
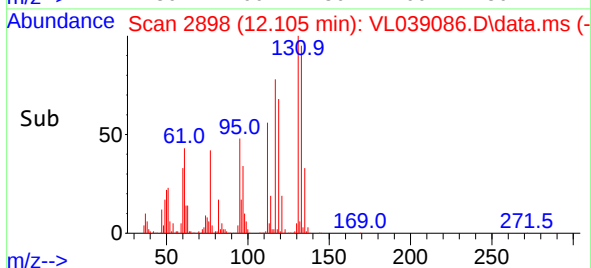
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

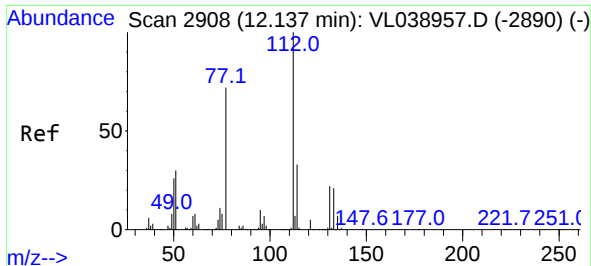


#56
1,1,1,2-Tetrachloroethane
Concen: 11.059 ppbv
RT: 12.105 min Scan# 2898
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



Tgt Ion:131 Resp: 942465
Ion Ratio Lower Upper
131 100
133 96.2 76.9 115.3
119 62.6 47.4 71.0





#57

Chlorobenzene

Concen: 9.820 ppbv

RT: 12.124 min Scan# 2904

Delta R.T. -0.013 min

Lab File: VL039086.D

Acq: 23 May 2022 14:54

Instrument :

MSVOA_L

ClientSampleId :

VL0523ABS01

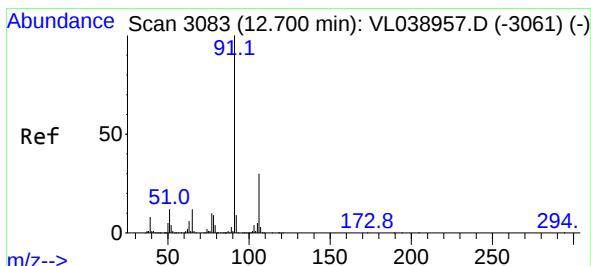
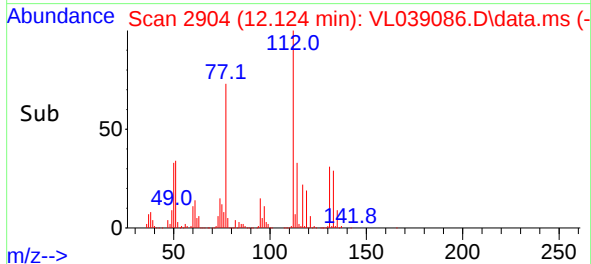
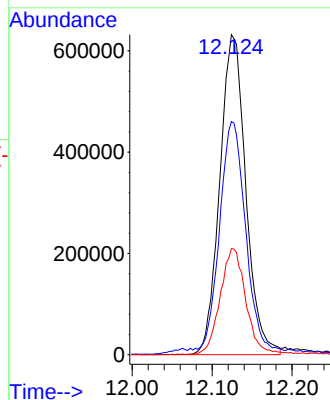
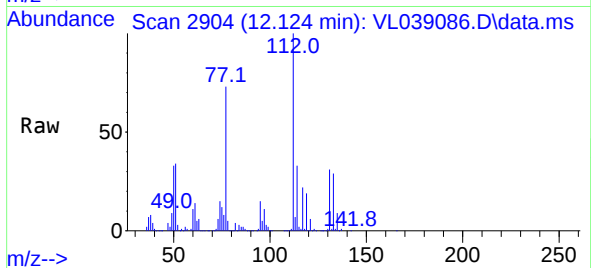
Tgt Ion:112 Resp: 142977

Ion	Ratio	Lower	Upper
112	100		
77	71.2	57.7	86.5
114	33.0	30.1	36.7

Manual Integrations

APPROVED

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



#58

Ethyl Benzene

Concen: 9.813 ppbv

RT: 12.690 min Scan# 3080

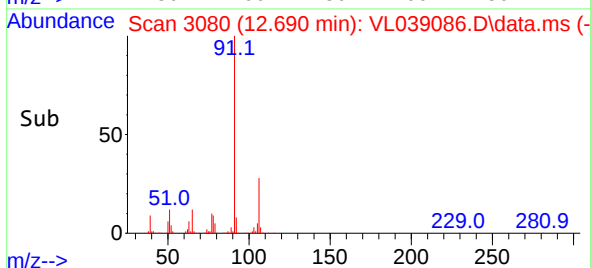
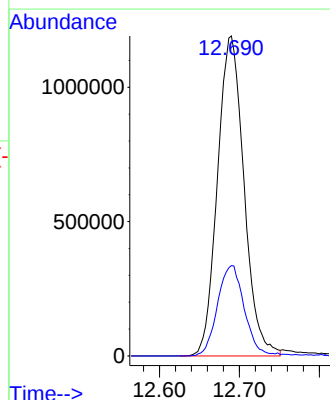
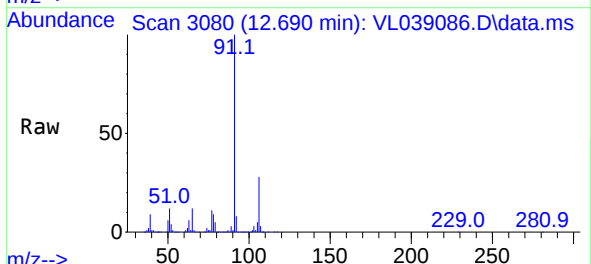
Delta R.T. -0.010 min

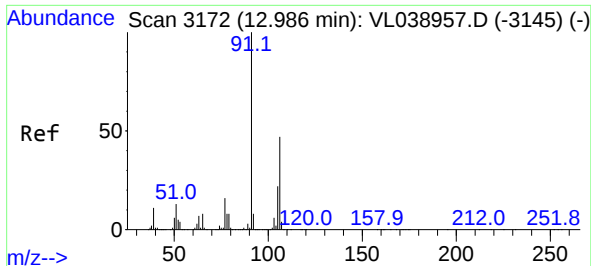
Lab File: VL039086.D

Acq: 23 May 2022 14:54

Tgt Ion: 91 Resp: 2742926

Ion	Ratio	Lower	Upper
91	100		
106	28.3	24.2	36.4





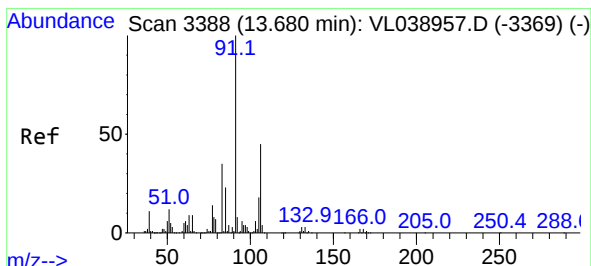
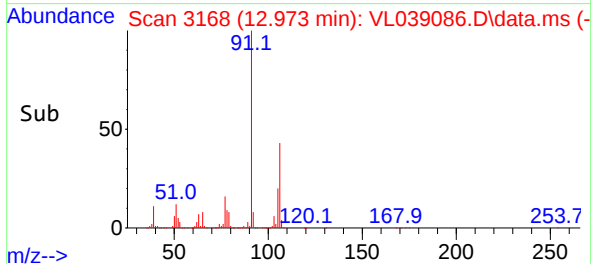
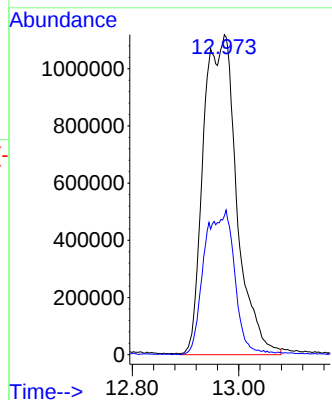
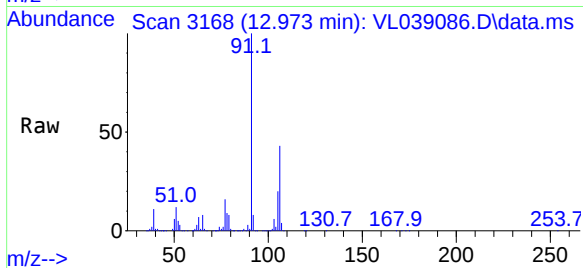
#59
m/p-Xylene
Concen: 20.295 ppbv m
RT: 12.973 min Scan# 3172
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 91 Resp: 484294
Ion Ratio Lower Upper
91 100
106 41.8 34.6 52.0

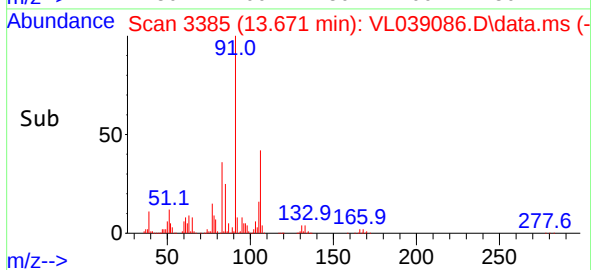
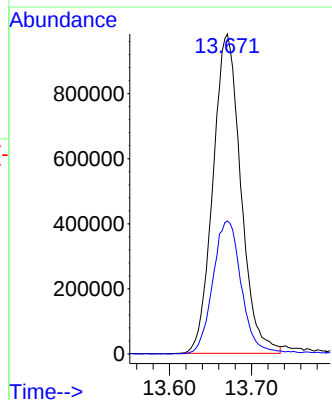
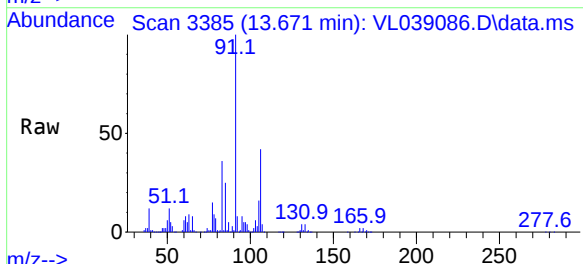
Manual Integrations
APPROVED

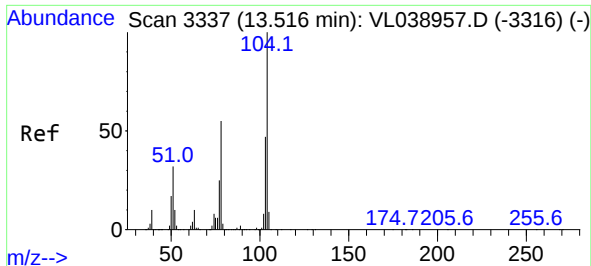
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#60
o-Xylene
Concen: 10.328 ppbv
RT: 13.671 min Scan# 3385
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion: 91 Resp: 2319718
Ion Ratio Lower Upper
91 100
106 43.7 22.2 66.6





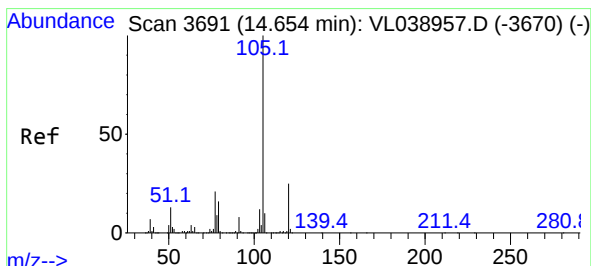
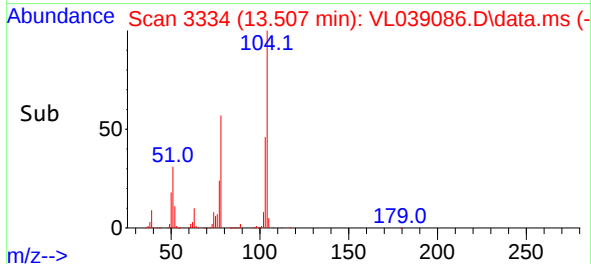
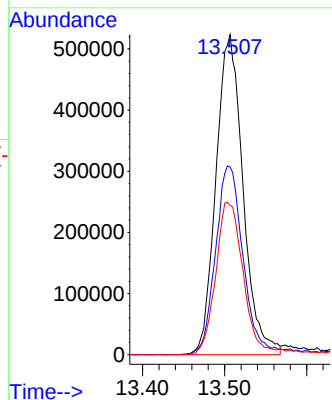
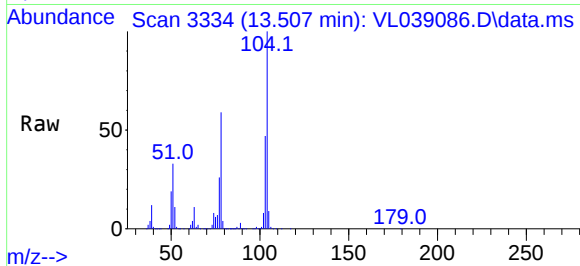
#61
Styrene
Concen: 10.002 ppbv
RT: 13.507 min Scan# 311
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:104 Resp: 119934
Ion Ratio Lower Upper
104 100
78 61.2 46.4 69.6
103 49.3 39.3 58.9

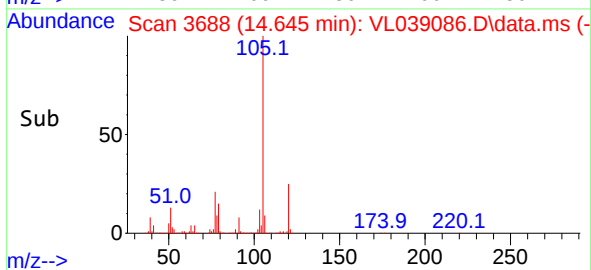
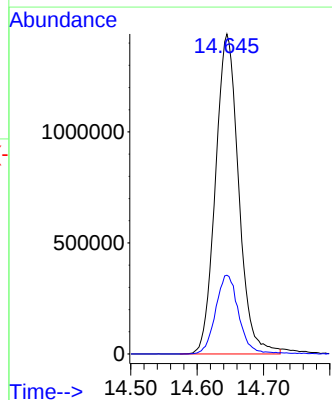
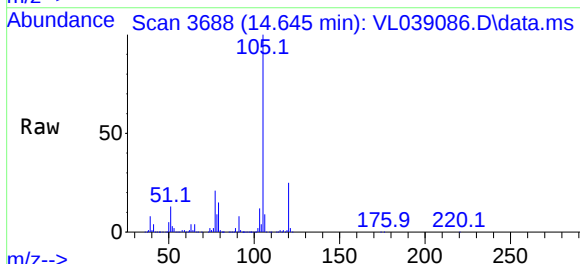
Manual Integrations
APPROVED

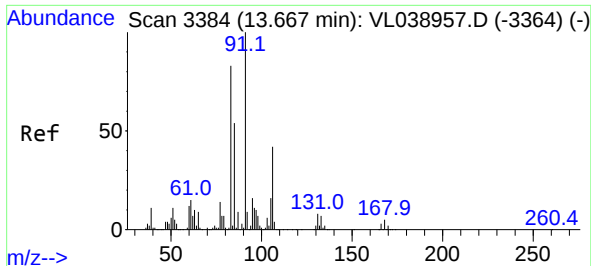
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#62
Isopropylbenzene
Concen: 10.653 ppbv
RT: 14.645 min Scan# 3688
Delta R.T. -0.009 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

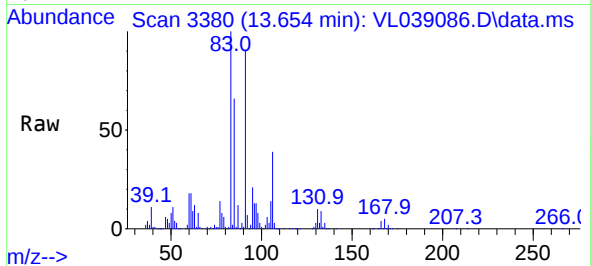
Tgt Ion:105 Resp: 3499033
Ion Ratio Lower Upper
105 100
120 24.8 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 11.929 ppbv
RT: 13.654 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

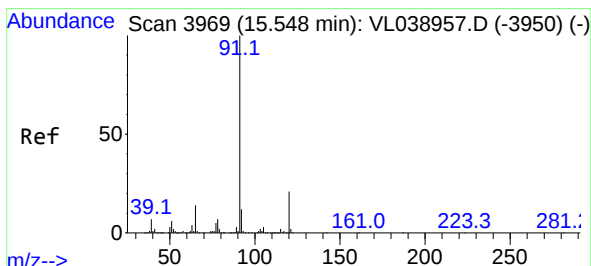
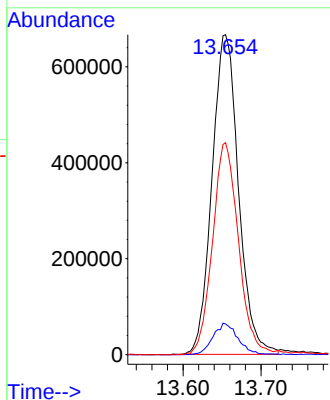
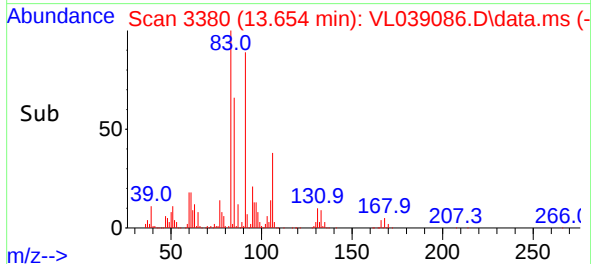


Tgt Ion: 83 Resp: 157760

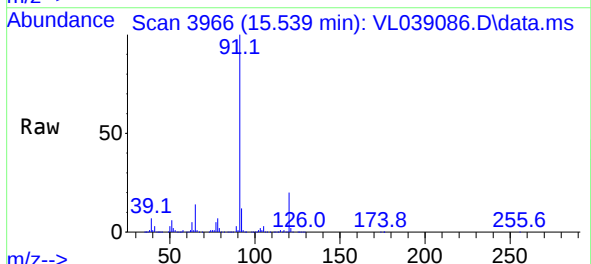
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.5	13.7
85	66.1	32.8	98.3

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

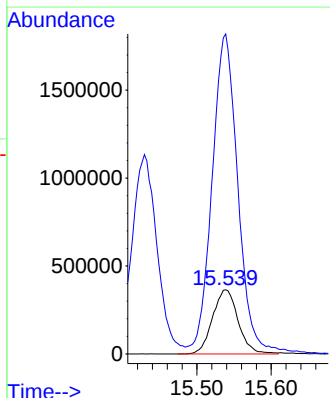
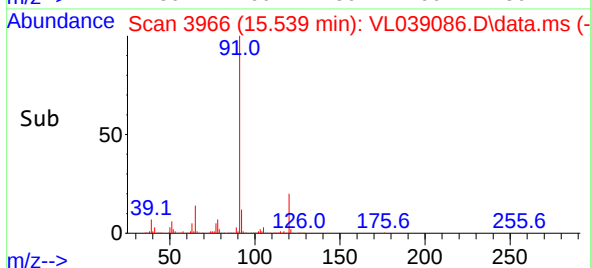


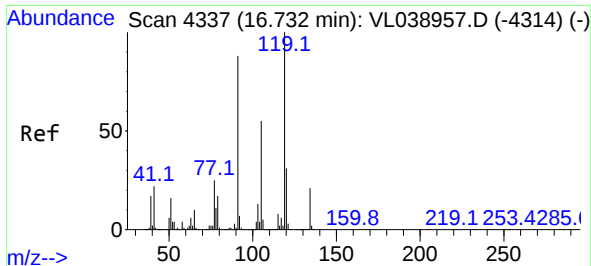
#64
n-propylbenzene
Concen: 10.994 ppbv
RT: 15.539 min Scan# 3966
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



Tgt Ion:120 Resp: 873045

Ion	Ratio	Lower	Upper
120	100		
91	504.7	400.6	601.0





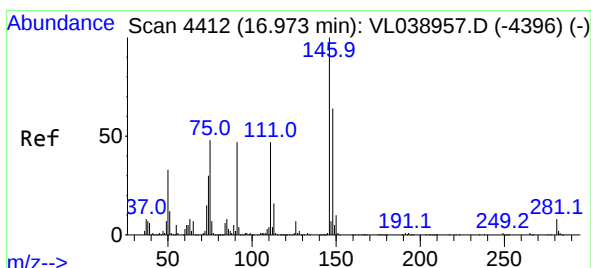
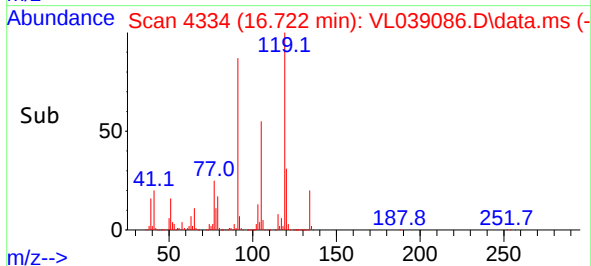
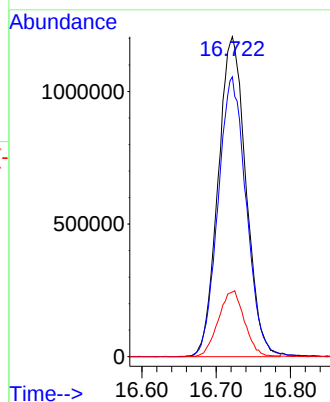
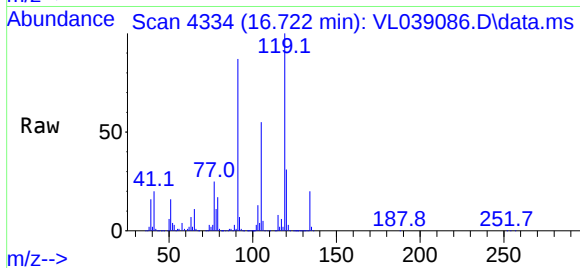
#65
tert-Butylbenzene
Concen: 10.918 ppbv
RT: 16.722 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 119 Resp: 3142134
Ion Ratio Lower Upper
119 100
91 88.7 69.4 104.2
134 19.5 15.8 23.8

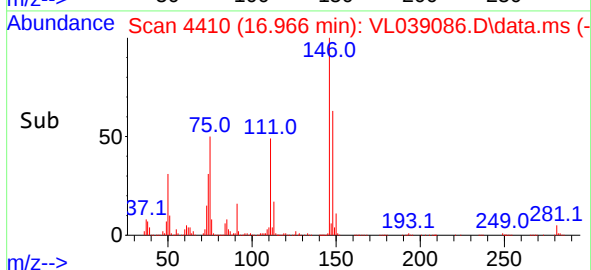
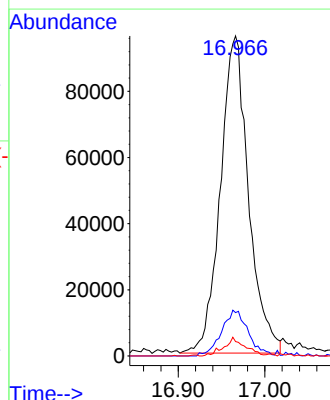
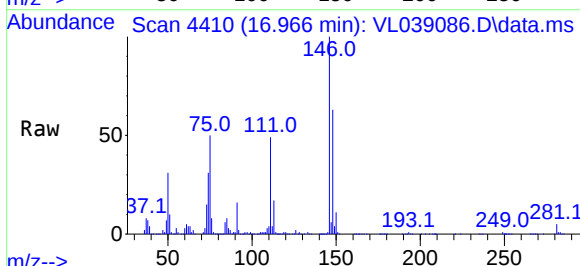
Manual Integrations
APPROVED

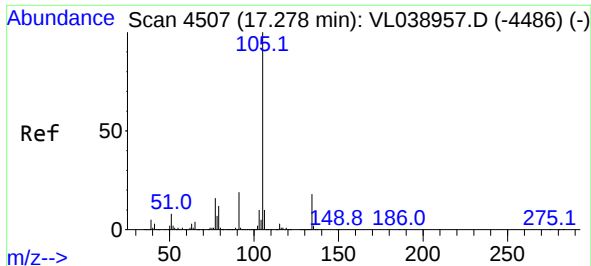
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#66
Benzyl Chloride
Concen: 5.753 ppbv
RT: 16.966 min Scan# 4410
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

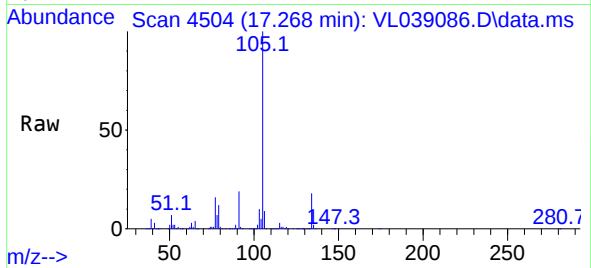
Tgt Ion: 91 Resp: 216426
Ion Ratio Lower Upper
91 100
126 14.2 11.8 17.6
128 4.9 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 10.893 ppbv
 RT: 17.268 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54

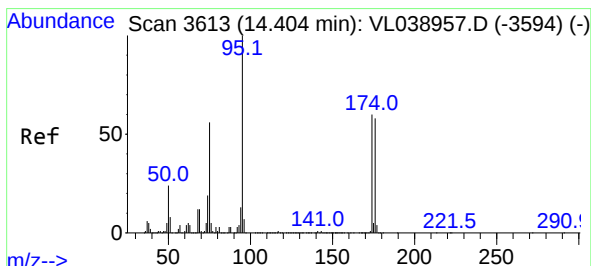
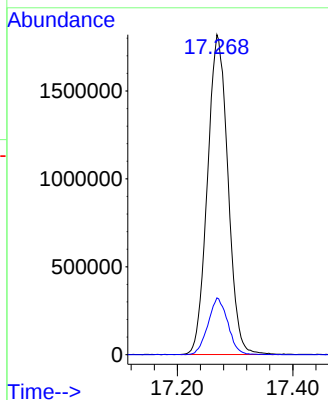
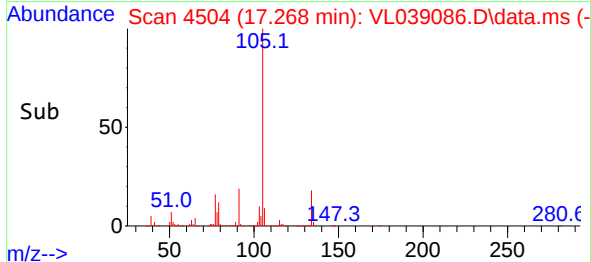
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0523ABS01



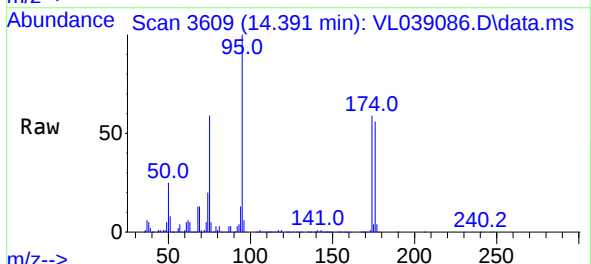
Tgt Ion:105 Resp: 4478438
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.2 21.4

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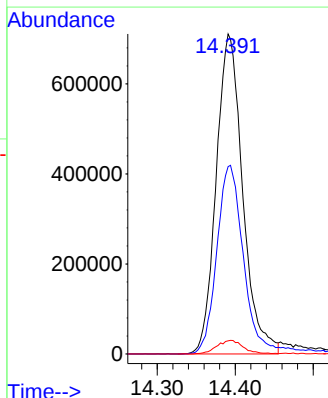
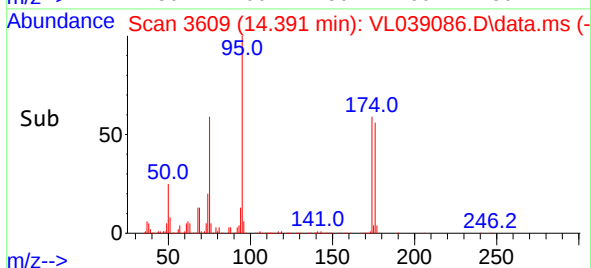
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

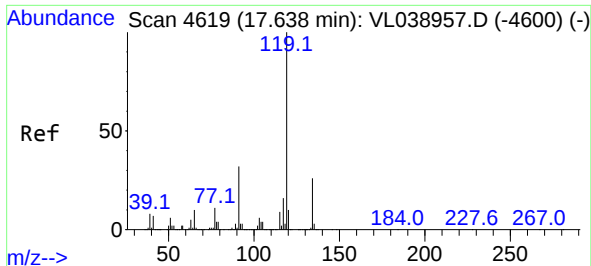


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.923 ppbv
 RT: 14.391 min Scan# 3609
 Delta R.T. -0.013 min
 Lab File: VL039086.D
 Acq: 23 May 2022 14:54



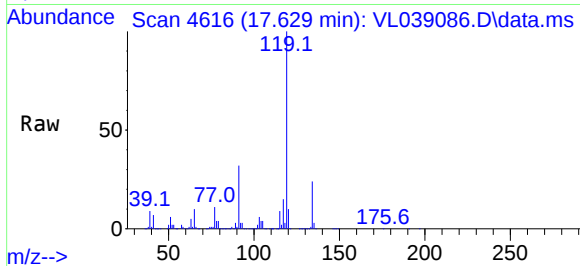
Tgt Ion: 95 Resp: 1680211
 Ion Ratio Lower Upper
 95 100
 174 61.6 50.8 76.2
 175 4.5 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.079 ppbv
RT: 17.629 min Scan# 4616
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

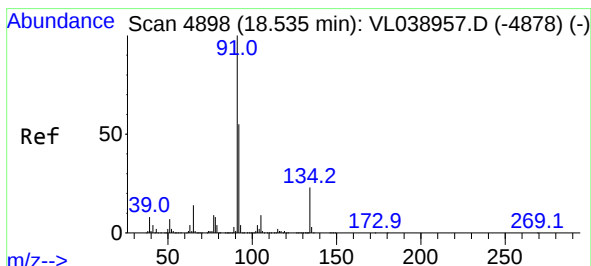
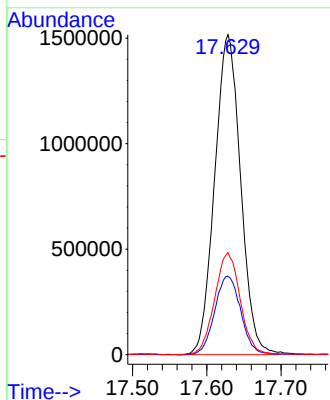
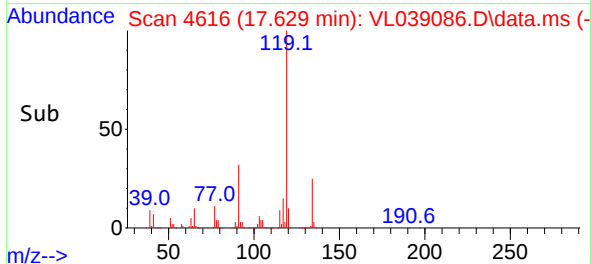
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



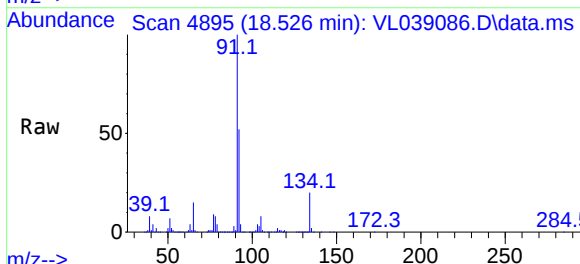
Tgt Ion:119 Resp: 3679944
Ion Ratio Lower Upper
119 100
134 24.7 20.0 30.0
91 31.5 24.8 37.2

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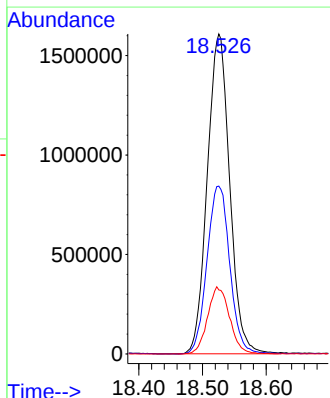
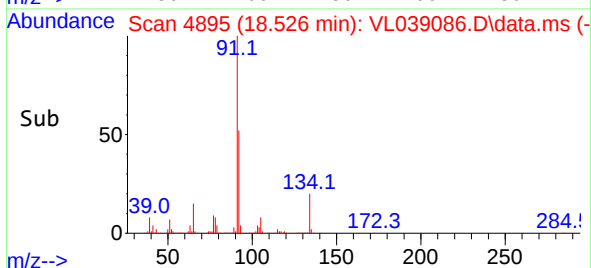
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

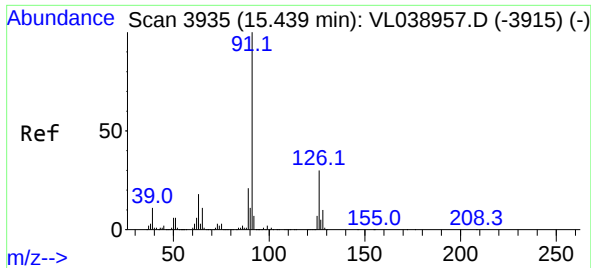


#70
n-Butylbenzene
Concen: 11.136 ppbv
RT: 18.526 min Scan# 4895
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



Tgt Ion: 91 Resp: 3929873
Ion Ratio Lower Upper
91 100
92 53.5 43.1 64.7
134 20.7 17.0 25.4





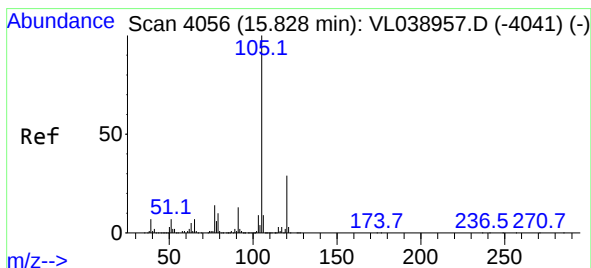
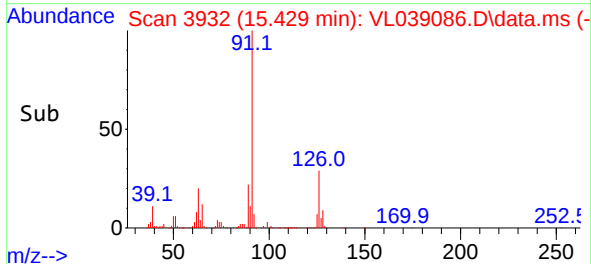
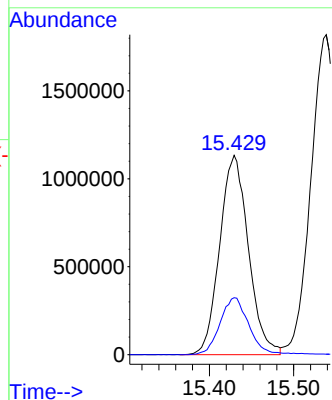
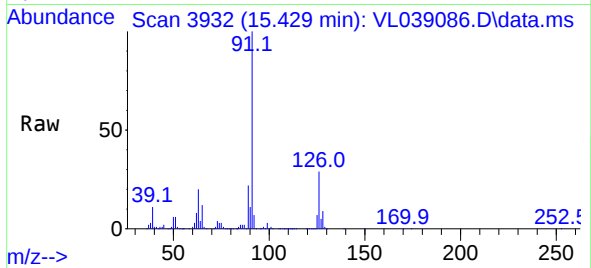
#71
2-Chlorotoluene
Concen: 10.585 ppbv
RT: 15.429 min Scan# 3935
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion: 91 Resp: 2680210
Ion Ratio Lower Upper
91 100
126 29.2 11.9 47.5

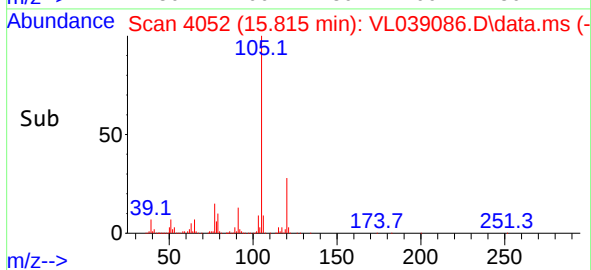
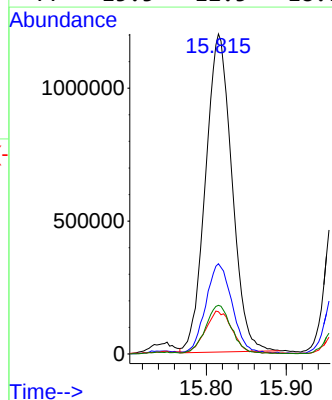
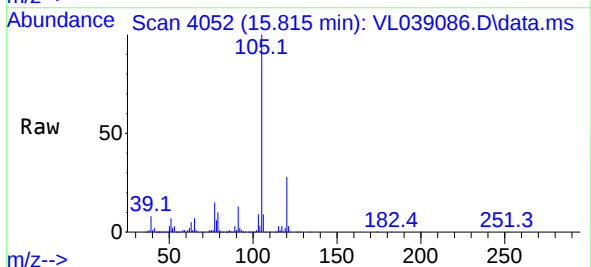
Manual Integrations
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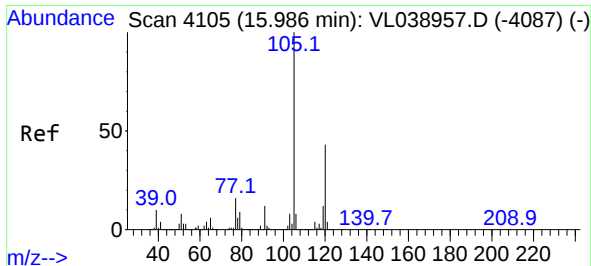
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#72
4-Ethyltoluene
Concen: 10.736 ppbv
RT: 15.815 min Scan# 4052
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Tgt Ion:105 Resp: 2747805
Ion Ratio Lower Upper
105 100
120 28.9 23.4 35.0
91 14.0 10.6 16.0
77 15.5 12.5 18.7





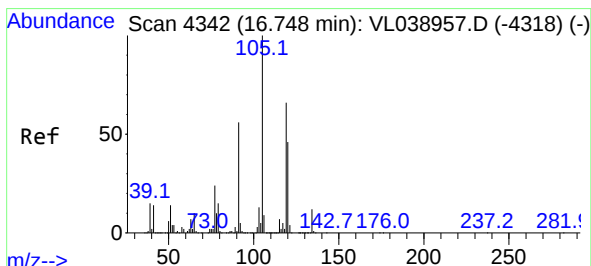
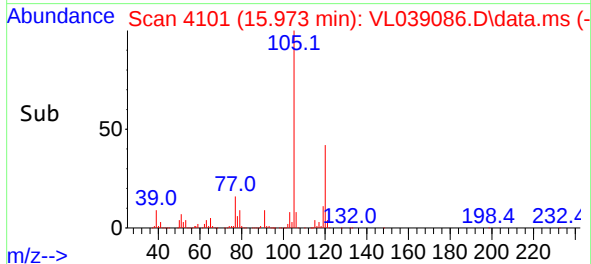
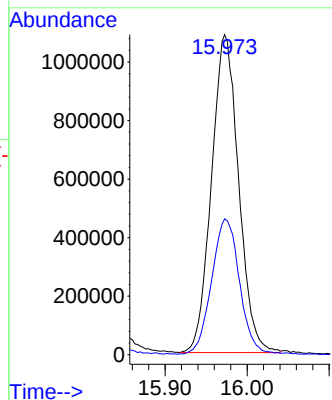
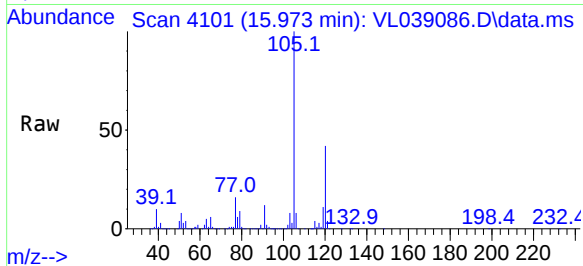
#73
1,3,5-Trimethylbenzene
Concen: 10.840 ppbv
RT: 15.973 min Scan# 4105
Delta R.T. -0.013 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01

Tgt Ion:105 Resp: 249755
Ion Ratio Lower Upper
105 100
120 42.5 34.4 51.6

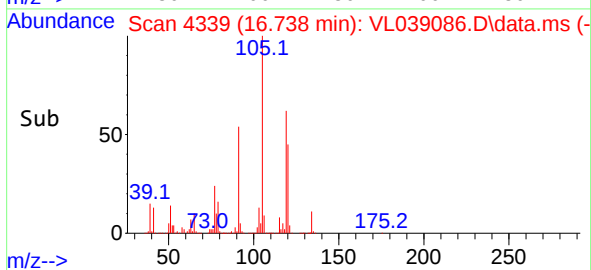
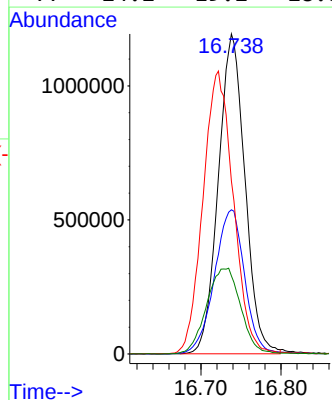
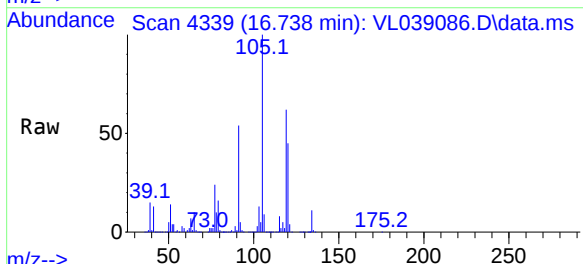
Manual Integrations
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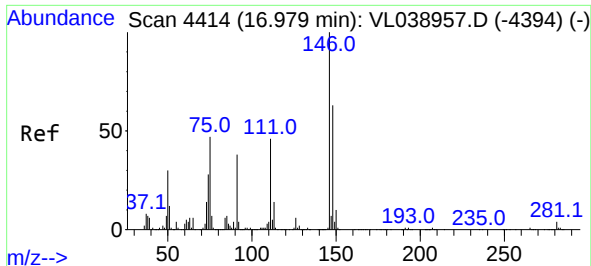
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#74
1,2,4-Trimethylbenzene
Concen: 10.906 ppbv
RT: 16.738 min Scan# 4339
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

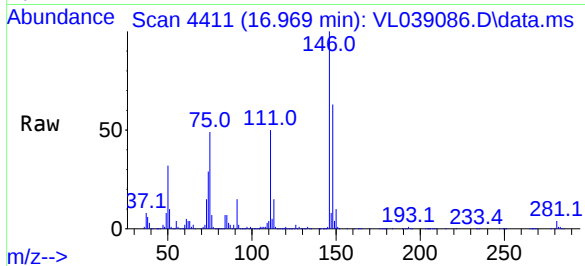
Tgt Ion:105 Resp: 2751296
Ion Ratio Lower Upper
105 100
120 44.8 36.9 55.3
91 53.5 45.0 67.4
77 24.2 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 10.979 ppbv
RT: 16.969 min Scan# 4414
Delta R.T. -0.010 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

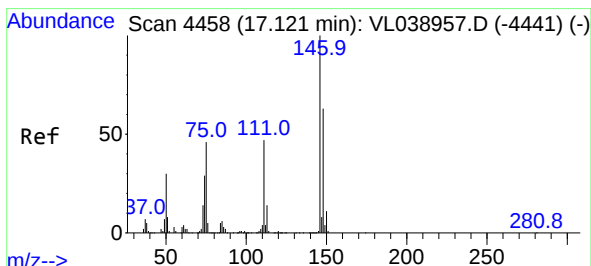
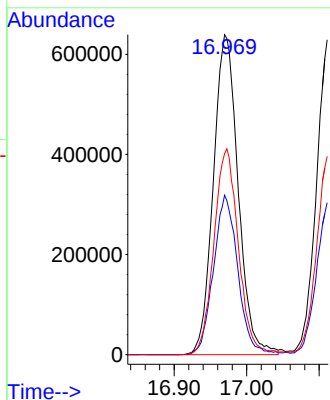
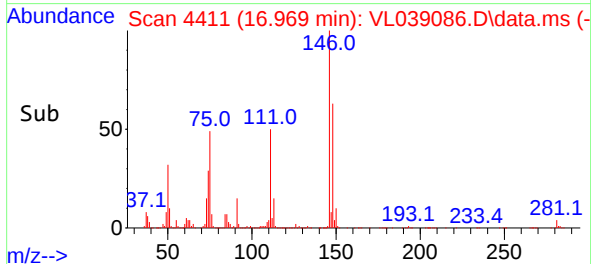
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



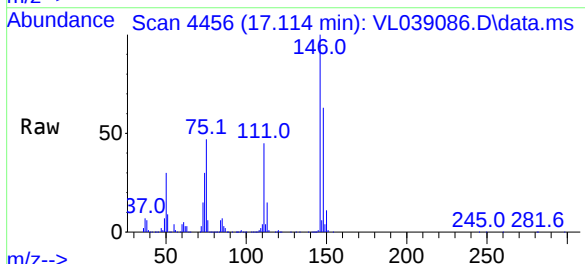
Tgt Ion:146 Resp: 151756
Ion Ratio Lower Upper
146 100
111 49.1 24.1 72.2
148 63.9 32.4 97.2

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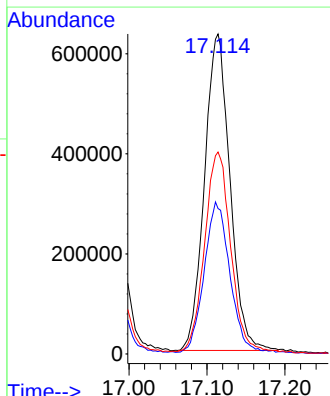
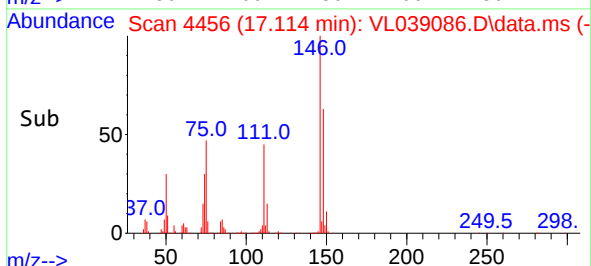
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

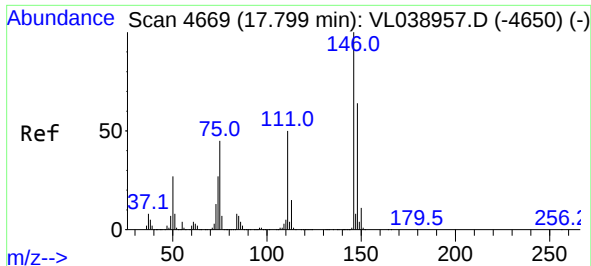


#76
1,4-Dichlorobenzene
Concen: 10.560 ppbv
RT: 17.114 min Scan# 4456
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



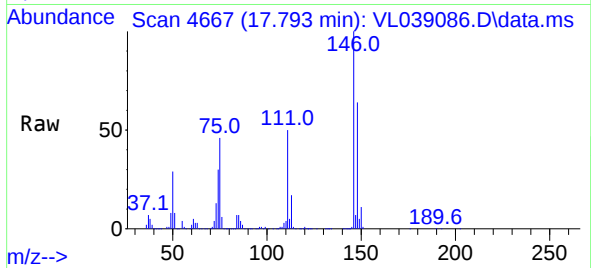
Tgt Ion:146 Resp: 1435996
Ion Ratio Lower Upper
146 100
111 49.4 23.6 71.0
148 66.5 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 10.740 ppbv
RT: 17.793 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

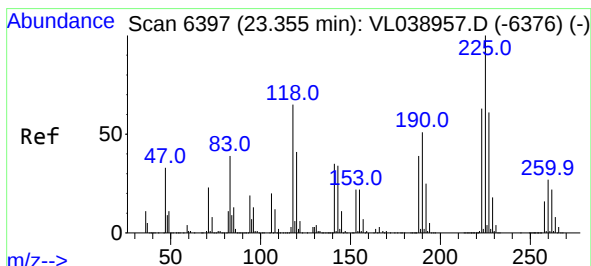
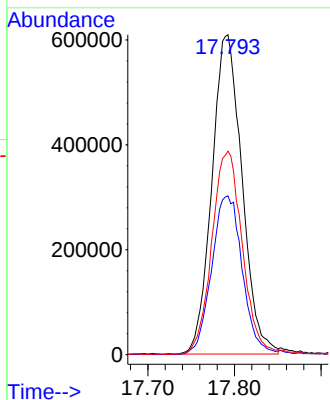
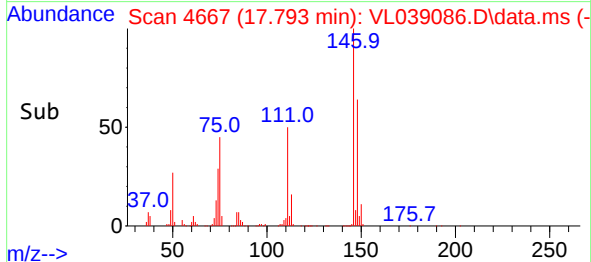
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



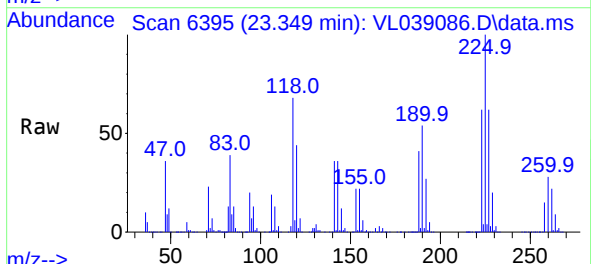
Tgt Ion:146 Resp: 146821
Ion Ratio Lower Upper
146 100
111 51.4 25.3 75.9
148 65.4 32.3 96.9

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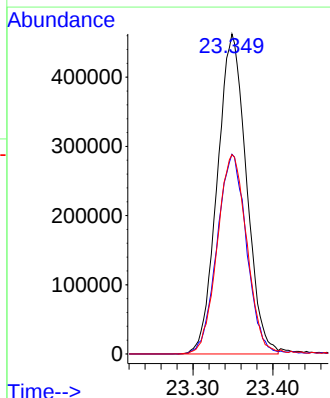
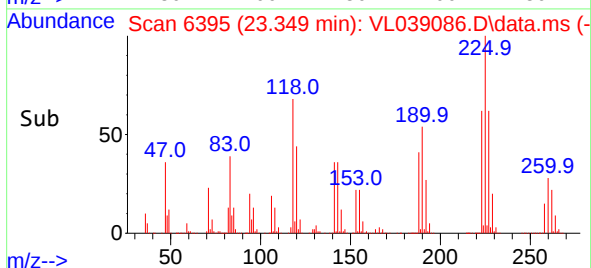
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

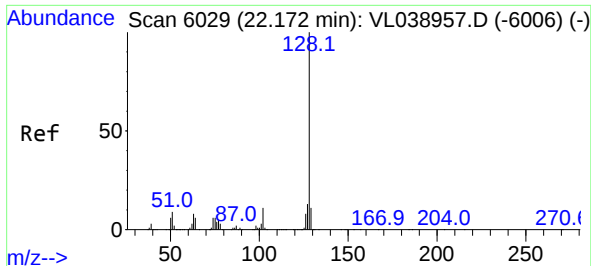


#78
Hexachloro-1,3-Butadiene
Concen: 9.292 ppbv
RT: 23.349 min Scan# 6395
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



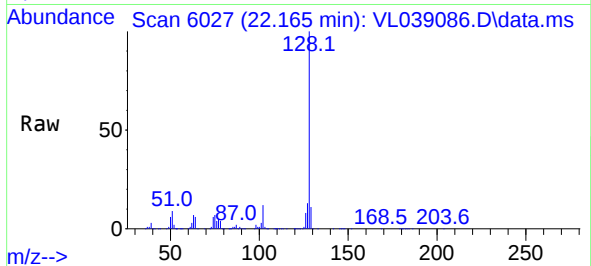
Tgt Ion:225 Resp: 1167406
Ion Ratio Lower Upper
225 100
223 63.9 51.4 77.0
227 64.0 51.4 77.0





#79
Naphthalene
Concen: 10.103 ppbv
RT: 22.165 min Scan# 6029
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54

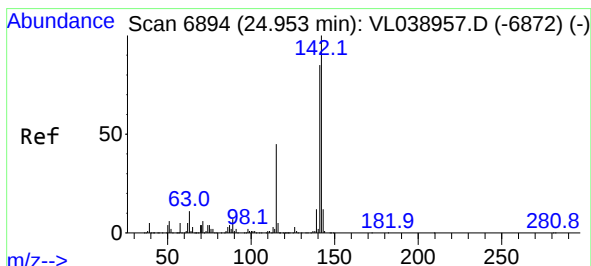
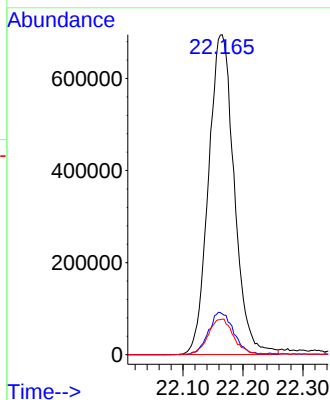
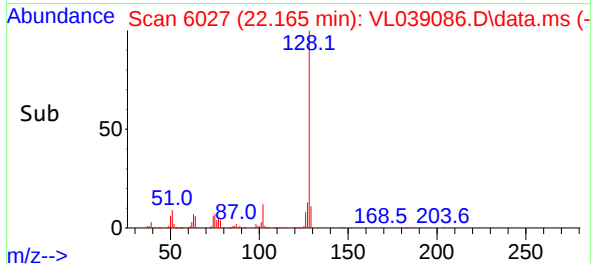
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABS01



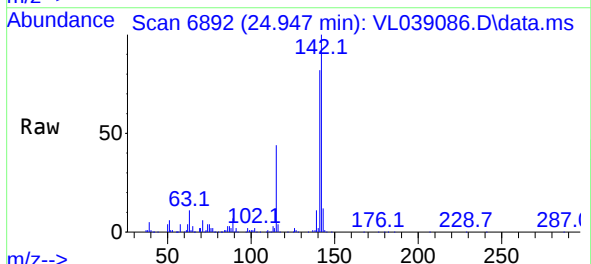
Tgt Ion:128 Resp: 207040
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.9 13.3

Manual Integrations
APPROVED

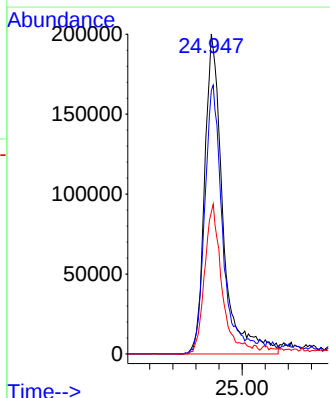
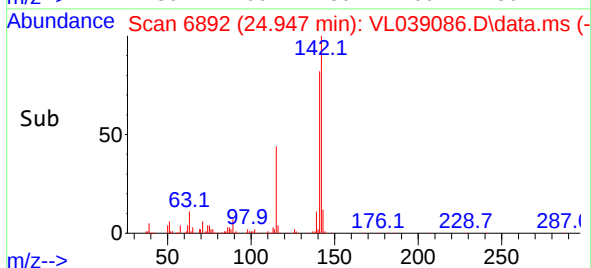
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

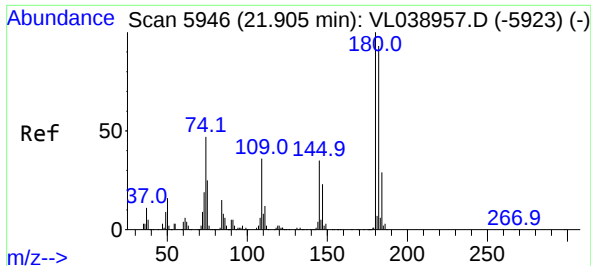


#80
Naphthalene,2-methyl-
Concen: 7.099 ppbv
RT: 24.947 min Scan# 6892
Delta R.T. -0.006 min
Lab File: VL039086.D
Acq: 23 May 2022 14:54



Tgt Ion:142 Resp: 440059
Ion Ratio Lower Upper
142 100
141 81.5 70.8 106.2
115 46.7 35.1 52.7





#81

1,2,4-Trichlorobenzene

Concen: 9.573 ppbv

RT: 21.898 min Scan# 5944

Delta R.T. -0.006 min

Lab File: VL039086.D

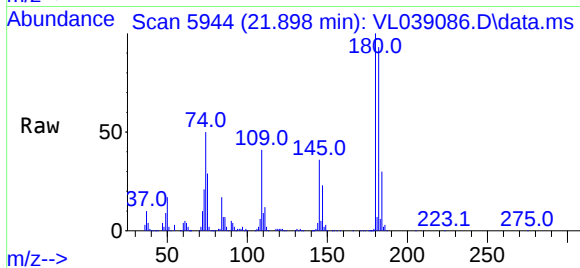
Acq: 23 May 2022 14:54

Instrument :

MSVOA_L

ClientSampleId :

VL0523ABS01



Tgt Ion:180 Resp: 114959

Ion Ratio Lower Upper

180 100

182 95.5 78.4 117.6

184 30.7 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022

Supervised By :Mahesh Dadoda 05/26/2022

