

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052522\
 Data File : VL039131.D
 Acq On : 26 May 2022 11:56
 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 05/27/2022
 Supervised By : Mahesh Dadoda 05/27/2022

Quant Time: May 27 04:28:27 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 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	5.648	49	987468	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2190789	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.056	117	2025466m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.384 95 1879264 11.716 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 117.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	1344379	8.689	ppbv	98
3) Chlorodifluoromethane	2.980	51	1262221	10.301	ppbv	95
4) Chloromethane	3.131	50	618911	10.086	ppbv	97
5) Vinyl Chloride	3.247	62	653513	11.663	ppbv	97
6) Bromomethane	3.462	94	336458	12.711	ppbv	99
7) Chloroethane	3.546	64	223314	11.907	ppbv	94
8) Dichlorotetrafluoroethane	3.179	85	1676293	11.954	ppbv	98
9) Propene	3.002	41	439474	8.213	ppbv	100
10) Heptane	8.098	43	1255091	9.561	ppbv	100
11) Trichlorofluoromethane	3.935	101	1736079	13.078	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.468	101	1201664	13.141	ppbv	100
13) Ethanol	3.587	45	38210m	10.090	ppbv	
14) Bromoethene	3.726	108	478081	12.678	ppbv	99
15) Acetone	3.832	43	1130864	12.141	ppbv	97
16) 1,3-Butadiene	3.317	39	603684	11.280	ppbv	100
17) tert-Butyl alcohol	4.269	59	922654	12.888	ppbv	98
18) 1,1-Dichloroethene	4.275	96	524905	13.337	ppbv	97
19) Isopropyl Alcohol	3.947	45	570603	12.884	ppbv #	95
20) Methylene Chloride	4.327	84	460722	13.123	ppbv	97
21) Allyl Chloride	4.394	41	783947	12.351	ppbv	94
22) trans-1,2-Dichloroethene	4.867	96	551728	12.978	ppbv	95
23) Vinyl Acetate	5.054	43	988077	13.406	ppbv	97
24) 1,1-Dichloroethane	4.992	63	1077225	12.693	ppbv	99
25) Ethyl Acetate	5.655	43	2315848	10.387	ppbv	99
26) Hexane	5.664	57	980380	9.897	ppbv	98
27) Carbon Disulfide	4.533	76	1316087	13.986	ppbv	99
28) Methyl tert-Butyl Ether	5.015	73	967219	12.833	ppbv	99
29) Chloroform	5.732	83	1752311	10.934	ppbv	100
30) Cyclohexane	7.105	84	766584	9.243	ppbv	98
31) cis-1,2-Dichloroethene	5.526	61	1055647	10.460	ppbv	96
32) 1,1,1-Trichloroethane	6.491	97	1826653	11.399	ppbv	99
34) 2-Butanone	5.224	43	1449813	12.972	ppbv	98
35) Carbon Tetrachloride	6.996	117	1935159	13.406	ppbv	99
36) Benzene	6.870	78	1866649	9.956	ppbv	95
37) 1,2-Dichloroethane	6.285	62	1501368	12.943	ppbv	97
38) Trichloroethene	7.809	130	864192	10.369	ppbv	98
39) 1,2-Dichloropropane	7.587	63	748766	10.264	ppbv #	88
40) 1,4-Dioxane	7.803	88	280234	10.696	ppbv #	1
41) Tetrahydrofuran	6.025	42	768319	10.228	ppbv	100
42) Bromodichloromethane	7.764	83	1906231	12.020	ppbv	98
43) Methyl Methacrylate	7.986	69	825173	10.841	ppbv	96
44) 2,2,4-Trimethylpentane	7.841	57	3373231	10.254	ppbv	97
45) t-1,3-Dichloropropene	9.250	75	1008350	13.686	ppbv	99

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

Quant Time: May 27 04:28:27 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 27 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	8.677	75	1205824	12.342	ppbv	97
47) 1,1,2-Trichloroethane	9.446	97	802187	10.573	ppbv	99
48) Dibromochloromethane	10.275	129	1555134	12.593	ppbv	100
49) Bromoform	13.008	173	1242079	13.188	ppbv	99
50) 4-Methyl-2-Pentanone	8.713	43	2150106	10.971	ppbv	99
51) 2-Hexanone	10.102	43	1696667	11.861	ppbv #	98
52) Tetrachloroethene	11.198	164	683486	10.202	ppbv	95
53) Toluene	9.777	91	2231208	10.618	ppbv	99
54) 1,2-Dibromoethane	10.581	107	1169944	11.327	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.095	131	1053266	11.852	ppbv	99
57) Chlorobenzene	12.118	112	1663608	10.957	ppbv	99
58) Ethyl Benzene	12.680	91	3133581	10.750	ppbv	97
59) m/p-Xylene	12.966	91	5634168m	22.641	ppbv	
60) o-Xylene	13.661	91	2706123	11.554	ppbv	98
61) Styrene	13.497	104	1448654	11.586	ppbv	97
62) Isopropylbenzene	14.635	105	3873653	11.310	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.645	83	1523491	11.047	ppbv	99
64) n-propylbenzene	15.529	120	959189	11.584	ppbv	95
65) tert-Butylbenzene	16.712	119	3538352	11.791	ppbv	97
66) Benzyl Chloride	16.953	91	653928	16.670	ppbv	99
67) sec-Butylbenzene	17.259	105	5030422	11.733	ppbv	99
69) p-Isopropyltoluene	17.619	119	4136262	11.942	ppbv	98
70) n-Butylbenzene	18.516	91	4502033	12.234	ppbv	99
71) 2-Chlorotoluene	15.423	91	3012525	11.409	ppbv	98
72) 4-Ethyltoluene	15.806	105	3136291	11.751	ppbv	99
73) 1,3,5-Trimethylbenzene	15.963	105	2874073	11.962	ppbv	99
74) 1,2,4-Trimethylbenzene	16.728	105	3194575	12.143	ppbv	99
75) 1,3-Dichlorobenzene	16.960	146	1742926	12.092	ppbv	98
76) 1,4-Dichlorobenzene	17.105	146	1700215	11.990	ppbv	98
77) 1,2-Dichlorobenzene	17.783	146	1689393	11.850	ppbv	99
78) Hexachloro-1,3-Butadiene	23.339	225	1482956	11.319	ppbv	99
79) Naphthalene	22.149	128	2811925	13.158	ppbv	99
80) Naphthalene,2-methyl-	24.940	142	837423	12.954	ppbv	98
81) 1,2,4-Trichlorobenzene	21.882	180	1508614m	12.048	ppbv	

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

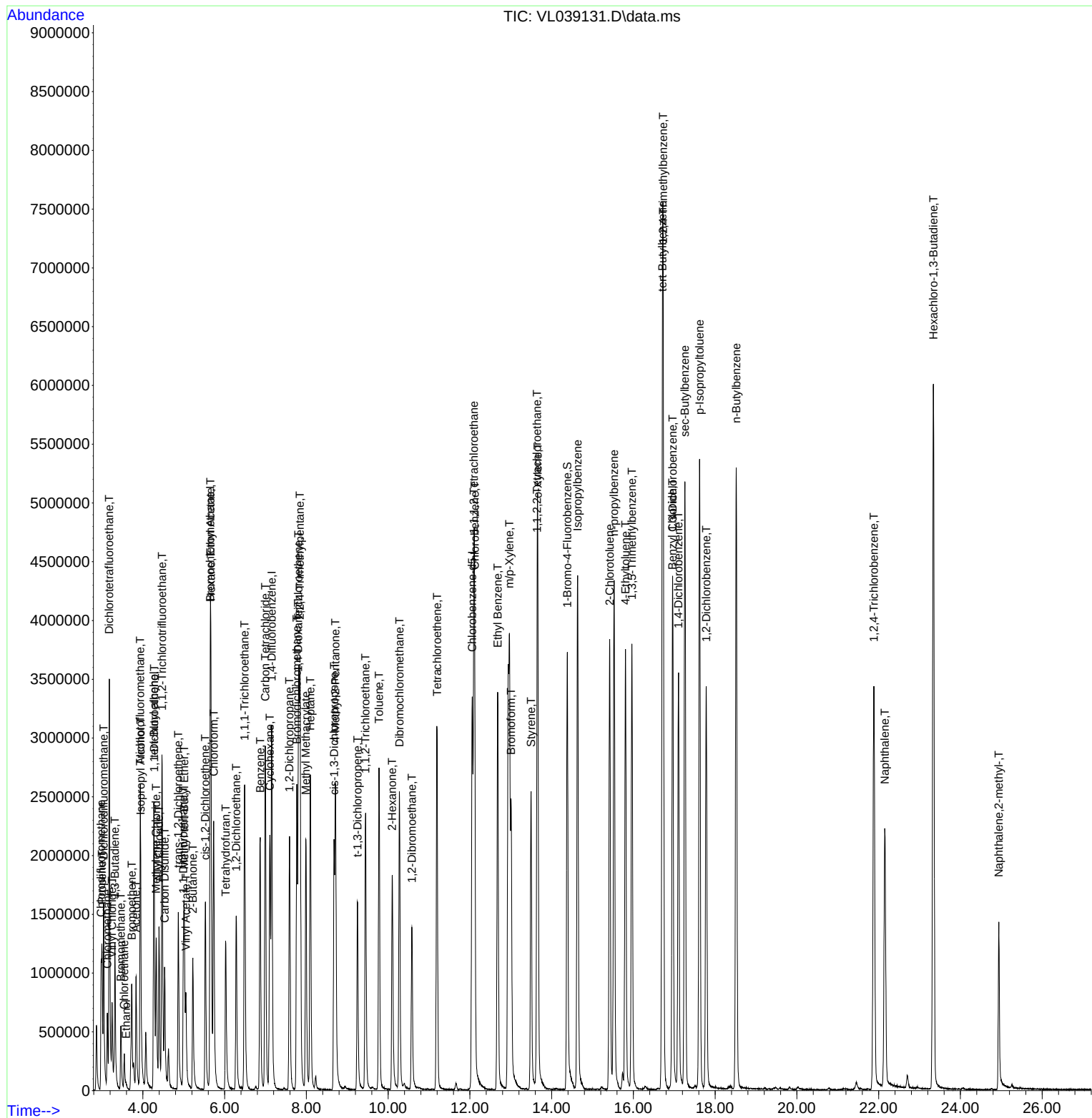
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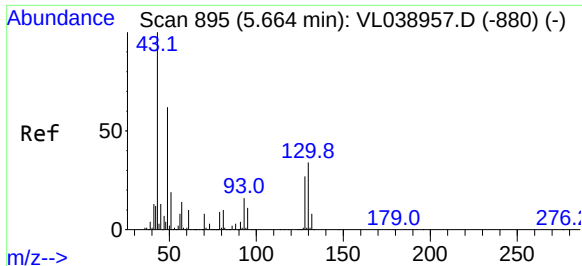
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Manual Integrations
APPROVED

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

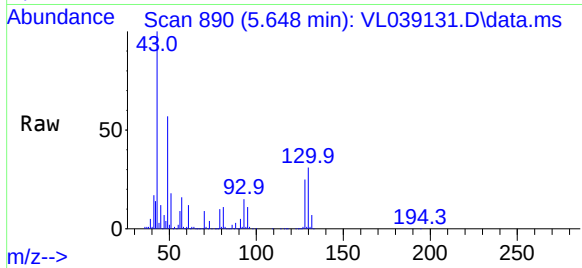
Quant Time: May 27 04:28:27 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

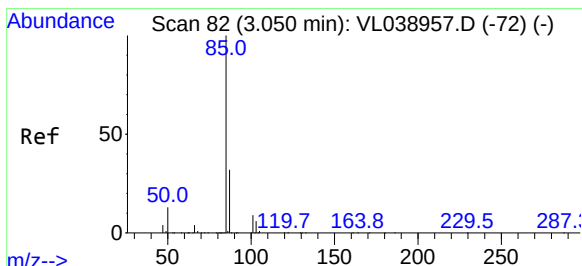
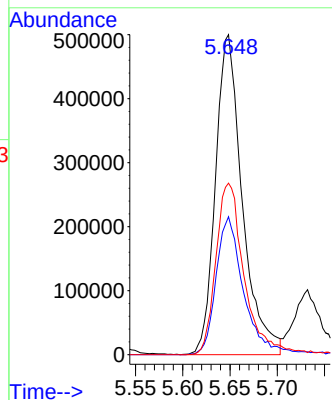
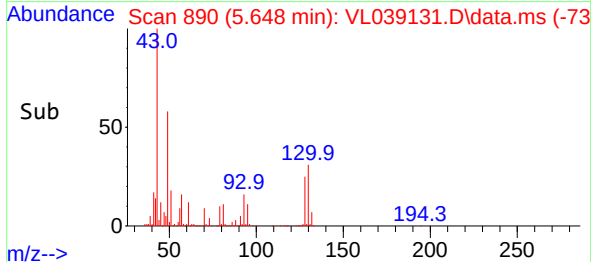
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



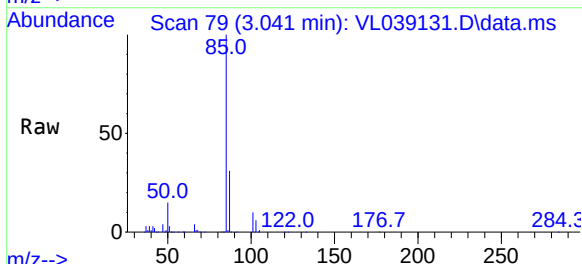
Tgt Ion: 49 Resp: 987468
Ion Ratio Lower Upper
49 100
128 45.2 23.3 69.8
130 58.1 29.8 89.3

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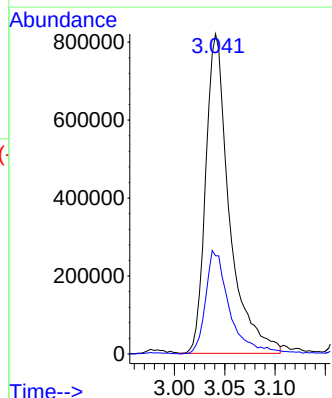
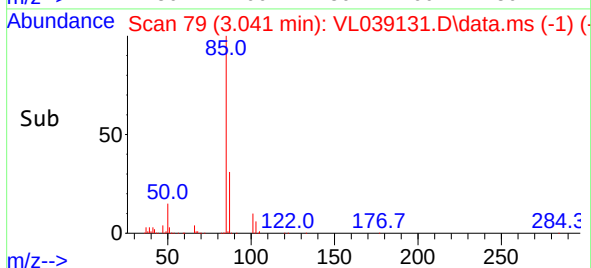
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

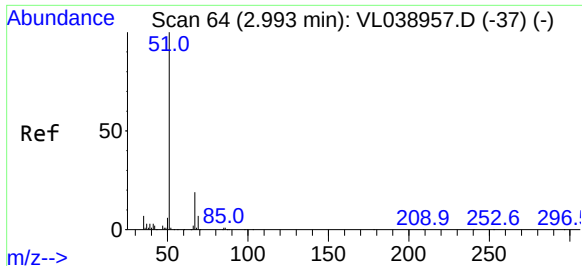


#2
Dichlorodifluoromethane
Concen: 8.689 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



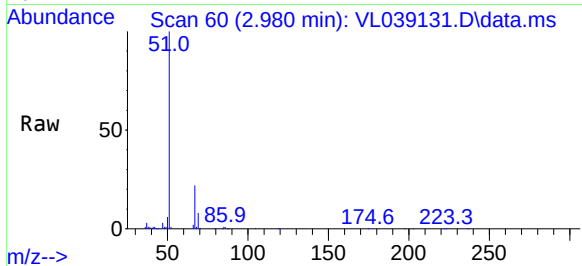
Tgt Ion: 85 Resp: 1344379
Ion Ratio Lower Upper
85 100
87 30.8 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.301 ppbv
RT: 2.980 min Scan# 60
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

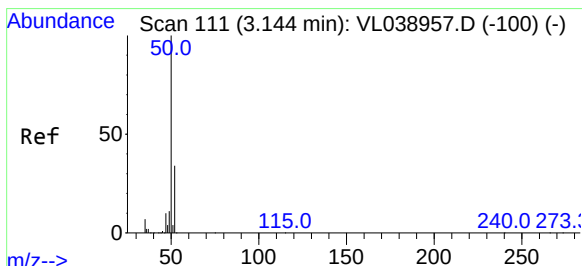
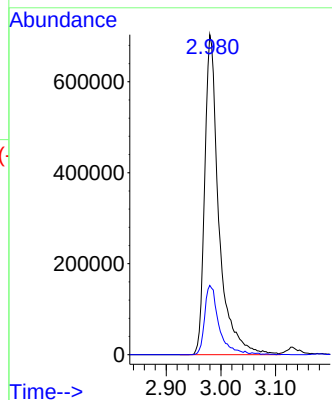
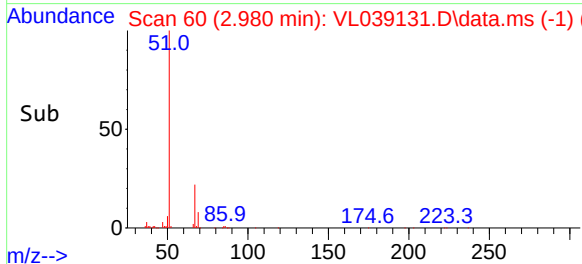
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



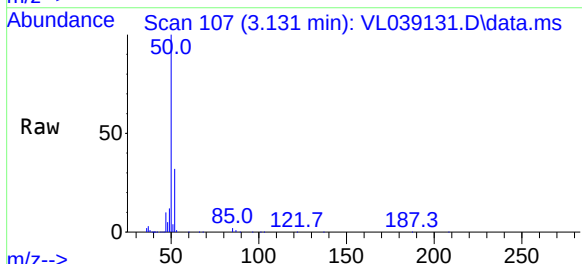
Tgt Ion: 51 Resp: 126222
Ion Ratio Lower Upper
51 100
67 22.2 15.8 23.8

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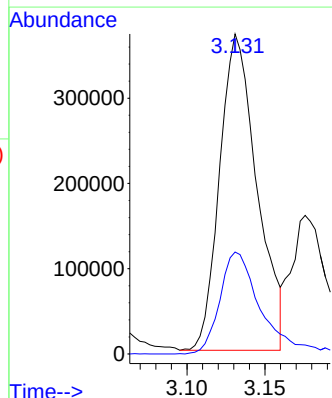
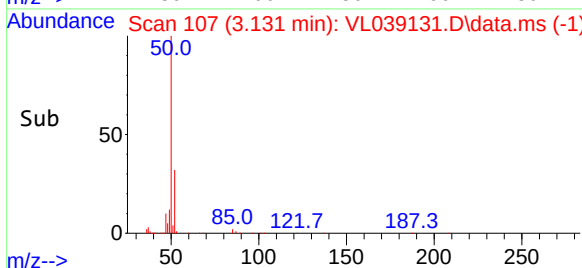
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

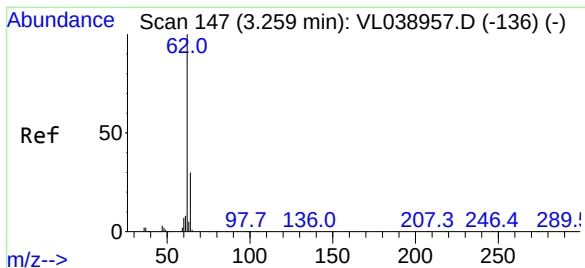


#4
Chloromethane
Concen: 10.086 ppbv
RT: 3.131 min Scan# 107
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion: 50 Resp: 618911
Ion Ratio Lower Upper
50 100
52 32.1 27.3 40.9





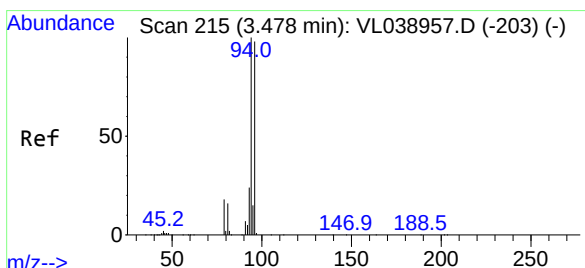
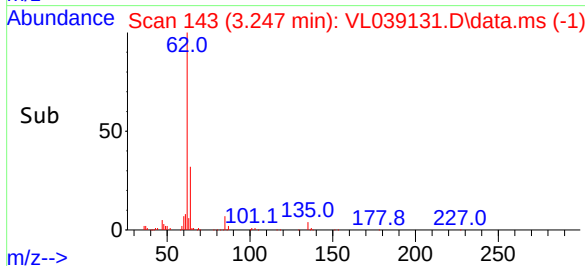
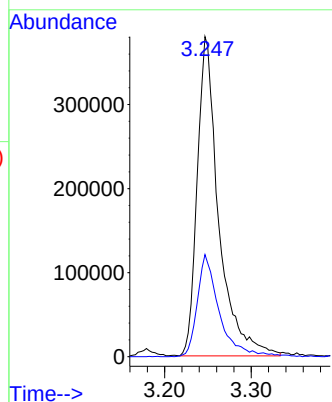
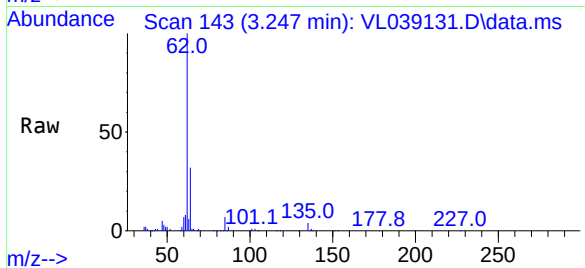
#5
 Vinyl Chloride
 Concen: 11.663 ppbv
 RT: 3.247 min Scan# 147
 Delta R.T. -0.013 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 65351
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.2 36.4

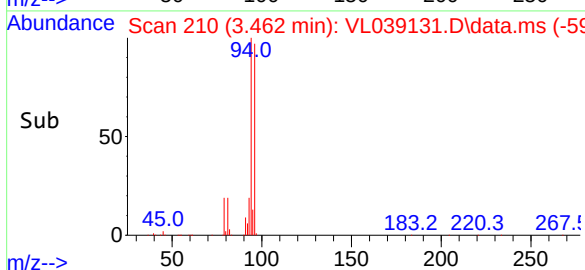
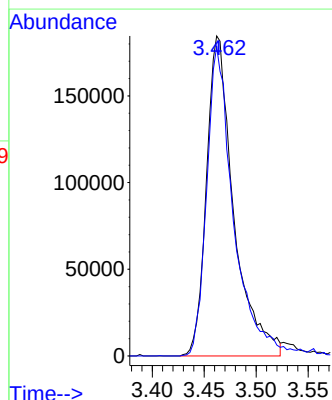
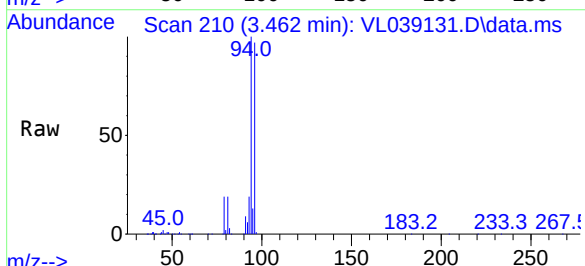
Manual Integrations
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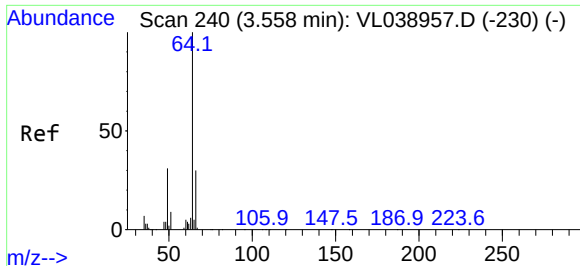
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022



#6
 Bromomethane
 Concen: 12.711 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. -0.016 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56

Tgt Ion: 94 Resp: 336458
 Ion Ratio Lower Upper
 94 100
 96 96.7 78.1 117.1





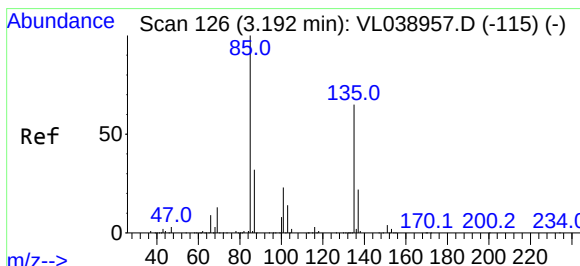
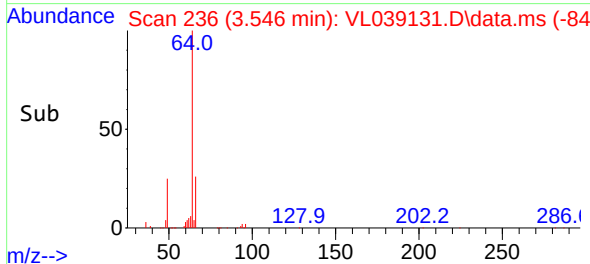
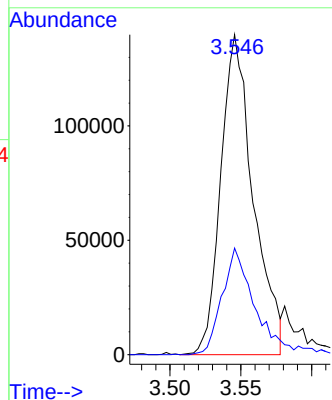
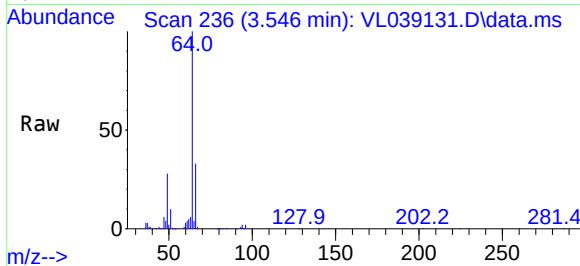
#7
Chloroethane
Concen: 11.907 ppbv
RT: 3.546 min Scan# 211
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 64 Resp: 223314
Ion Ratio Lower Upper
64 100
66 33.3 23.8 35.8

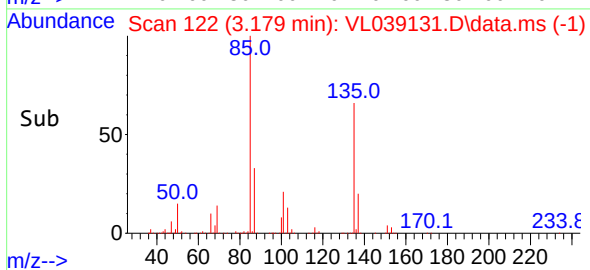
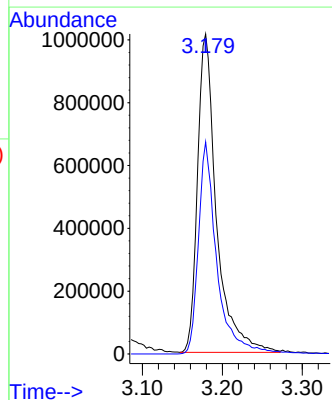
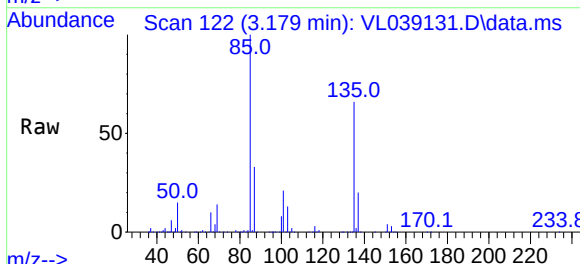
Manual Integrations
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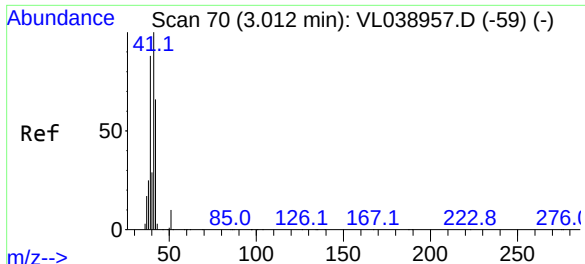
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#8
Dichlorotetrafluoroethane
Concen: 11.954 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

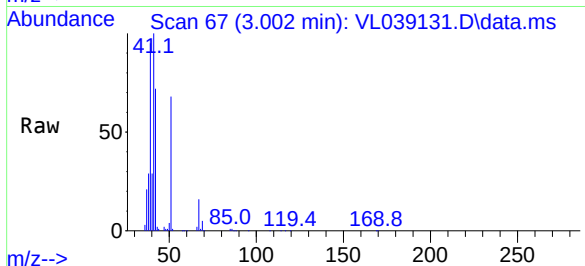
Tgt Ion: 85 Resp: 1676293
Ion Ratio Lower Upper
85 100
135 65.1 53.6 80.4





#9
Propene
Concen: 8.213 ppbv
RT: 3.002 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

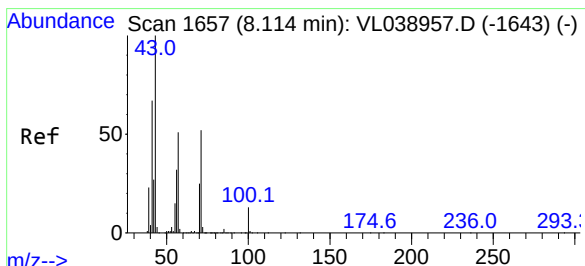
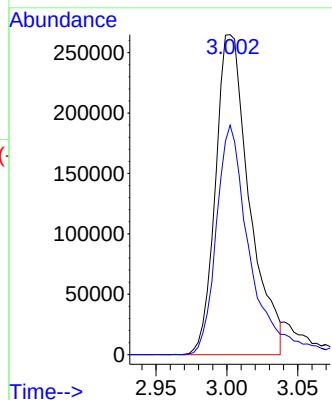
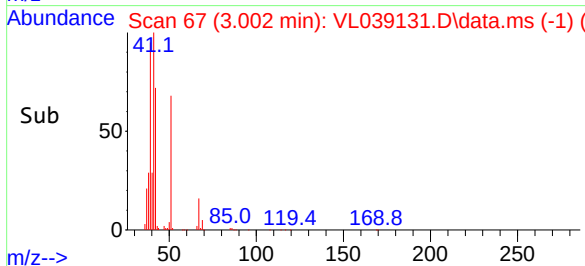
Instrument :
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Tgt Ion: 41 Resp: 439474
Ion Ratio Lower Upper
41 100
42 72.6 58.3 87.5

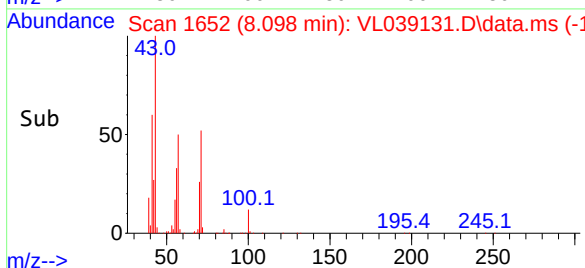
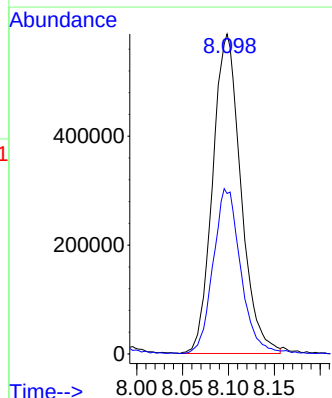
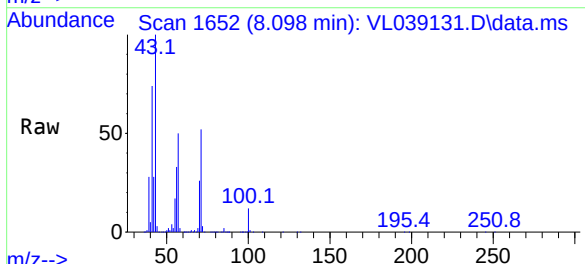
Manual Integrations
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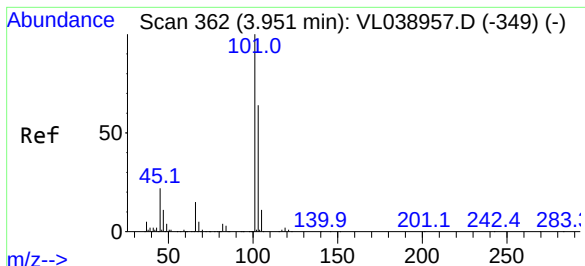
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#10
Heptane
Concen: 9.561 ppbv
RT: 8.098 min Scan# 1652
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion: 43 Resp: 1255091
Ion Ratio Lower Upper
43 100
57 50.8 40.5 60.7





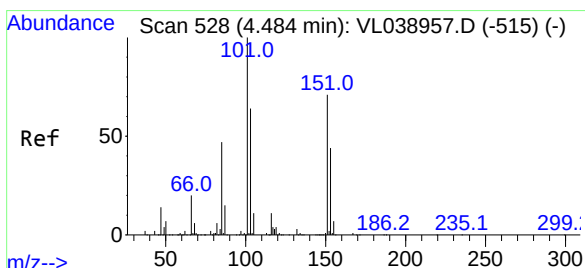
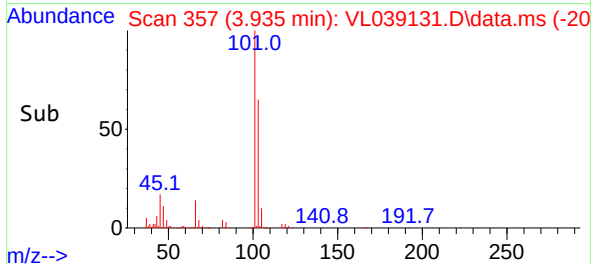
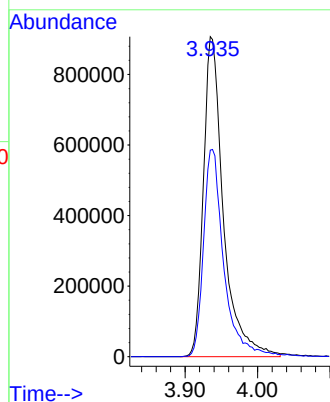
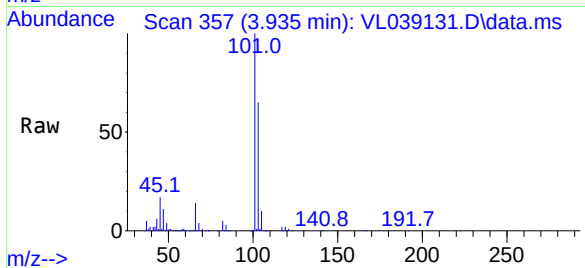
#11
Trichlorofluoromethane
Concen: 13.078 ppbv
RT: 3.935 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:101 Resp: 1736079
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3

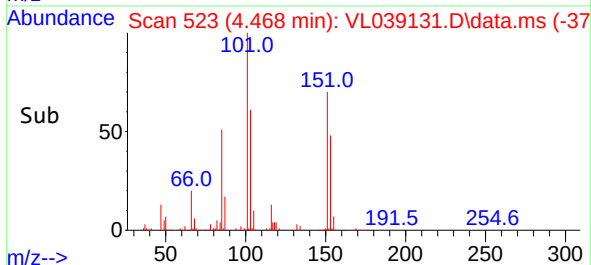
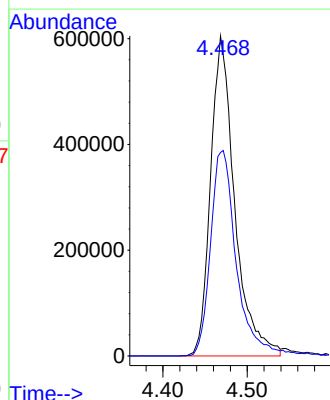
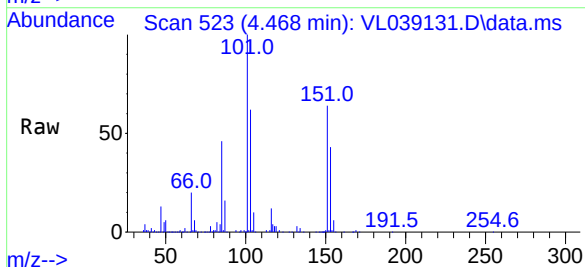
Manual Integrations
APPROVED

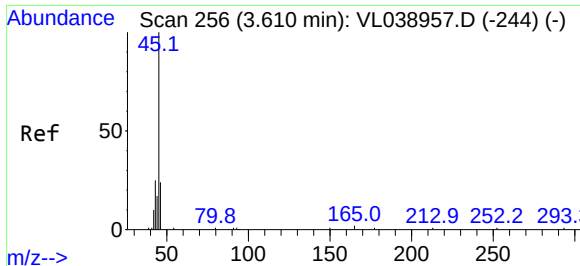
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 13.141 ppbv
RT: 4.468 min Scan# 523
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

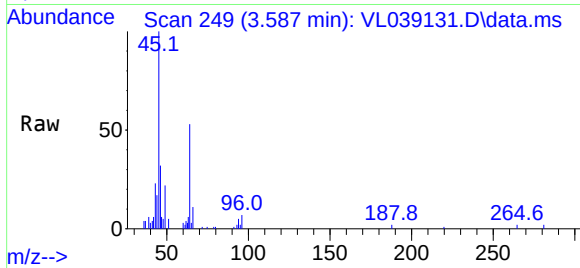
Tgt Ion:101 Resp: 1201664
Ion Ratio Lower Upper
101 100
151 69.6 55.4 83.0





#13
Ethanol
Concen: 10.090 ppbv m
RT: 3.587 min Scan# 249
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

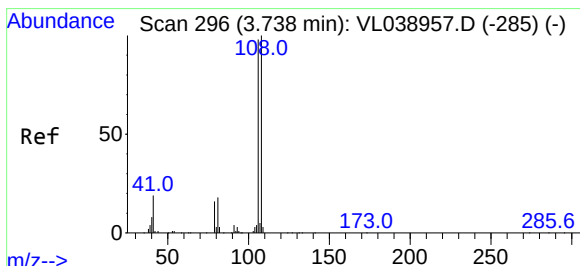
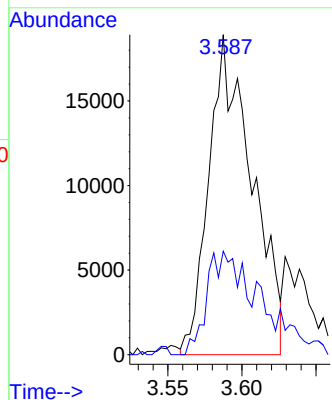
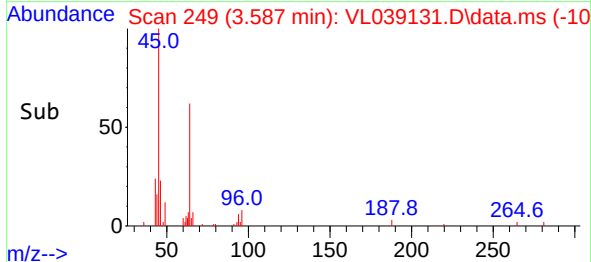
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 38210
Ion Ratio Lower Upper
45 100
46 42.1 18.0 72.2

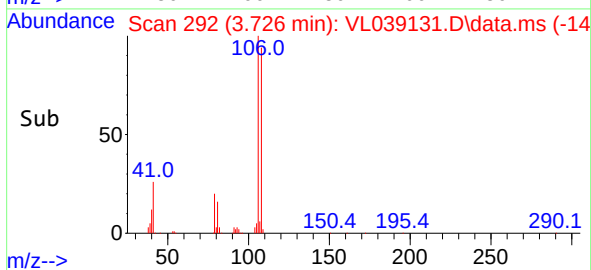
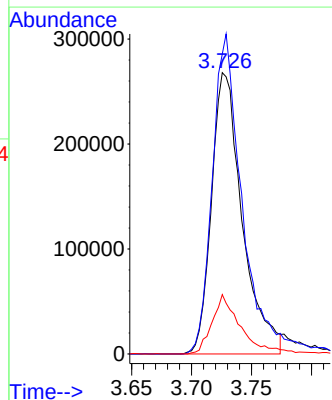
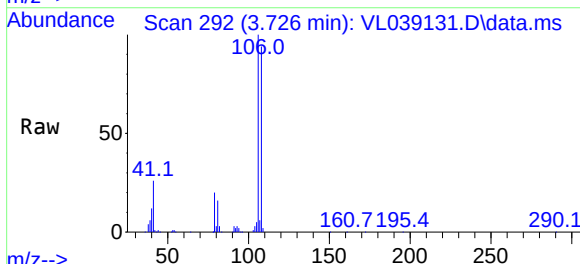
Manual Integrations
APPROVED

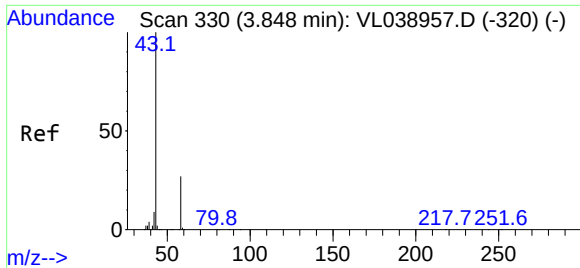
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#14
Bromoethene
Concen: 12.678 ppbv
RT: 3.726 min Scan# 292
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion:108 Resp: 478081
Ion Ratio Lower Upper
108 100
106 113.7 90.3 135.5
79 20.4 14.9 22.3





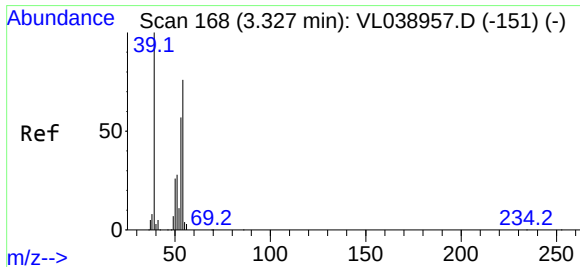
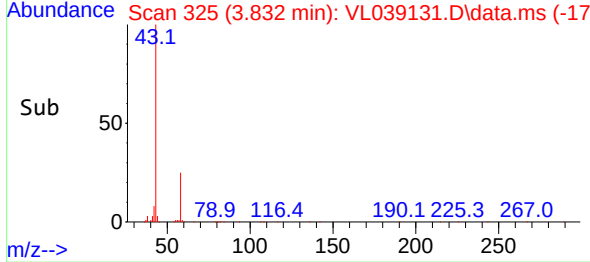
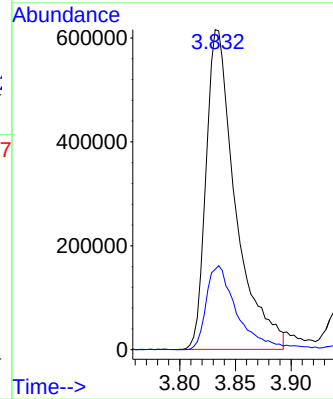
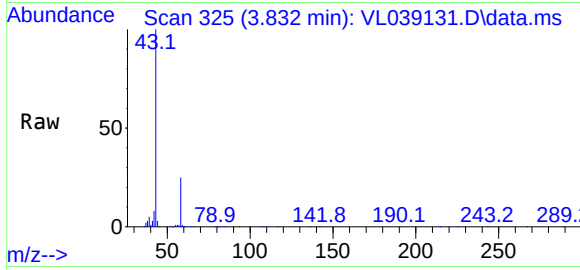
#15
Acetone
Concen: 12.141 ppbv
RT: 3.832 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1130864
Ion Ratio Lower Upper
43 100
58 27.9 21.3 31.9

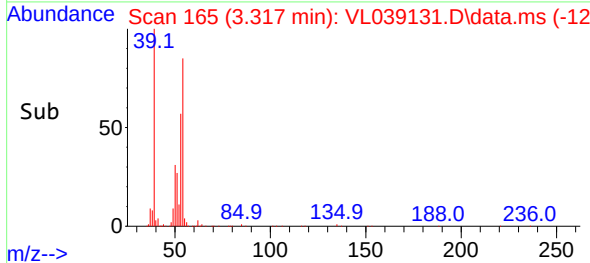
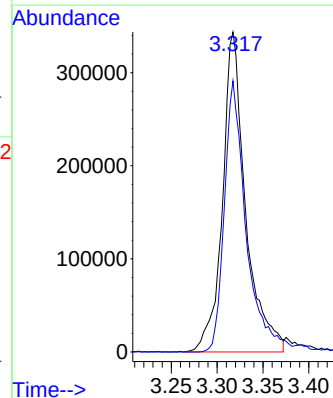
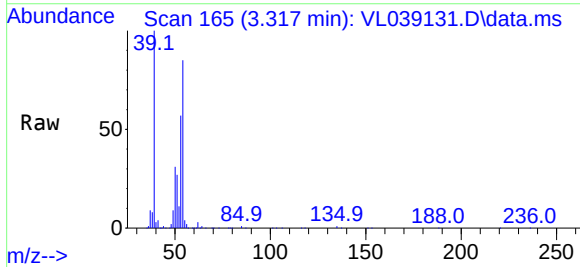
Manual Integrations
APPROVED

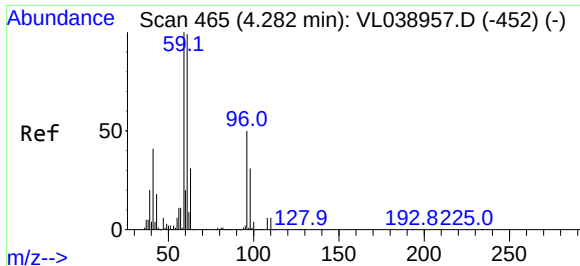
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#16
1,3-Butadiene
Concen: 11.280 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.010 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion: 39 Resp: 603684
Ion Ratio Lower Upper
39 100
54 81.9 65.2 97.8





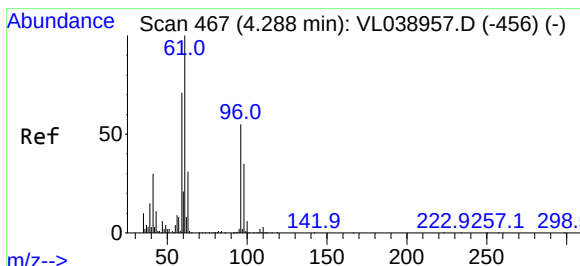
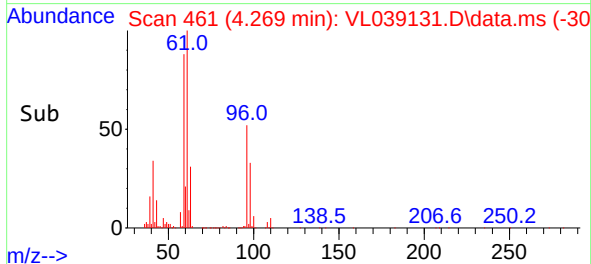
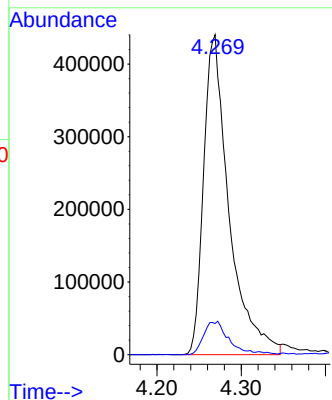
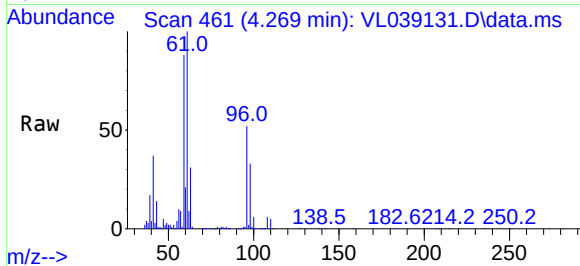
#17
tert-Butyl alcohol
Concen: 12.888 ppbv
RT: 4.269 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 922654
Ion Ratio Lower Upper
59 100
57 10.8 9.2 13.8

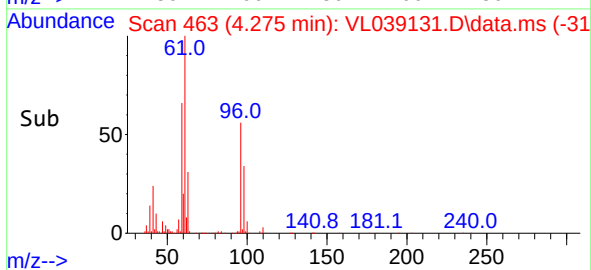
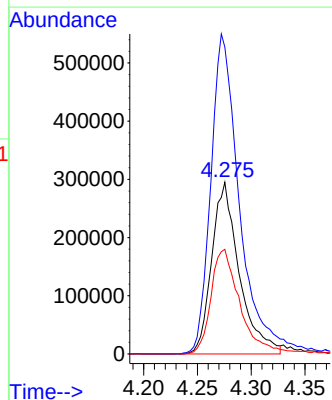
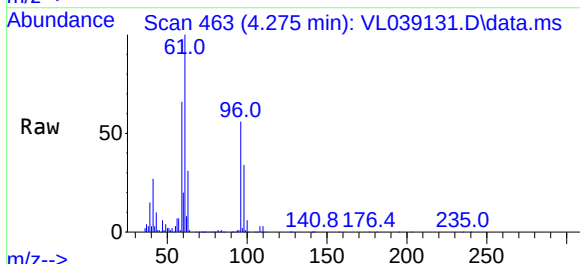
Manual Integrations
APPROVED

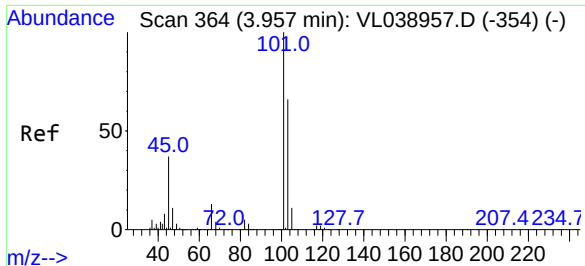
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#18
1,1-Dichloroethene
Concen: 13.337 ppbv
RT: 4.275 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

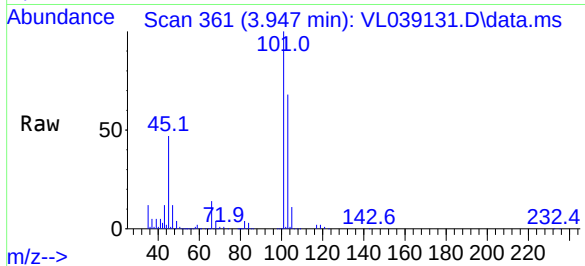
Tgt Ion: 96 Resp: 524905
Ion Ratio Lower Upper
96 100
61 178.7 146.3 219.5
98 60.9 50.6 75.8





#19
Isopropyl Alcohol
Concen: 12.884 ppbv
RT: 3.947 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

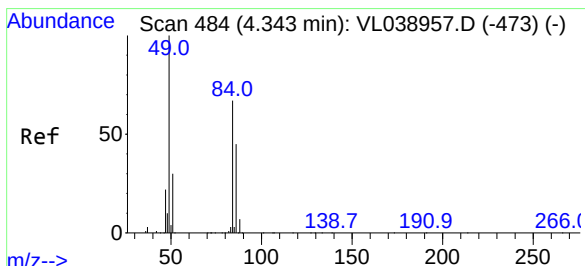
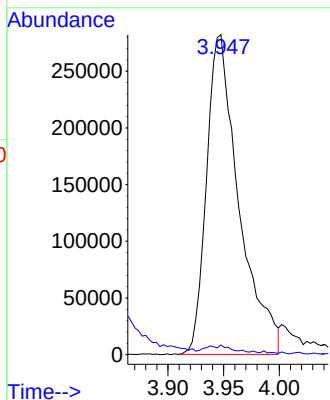
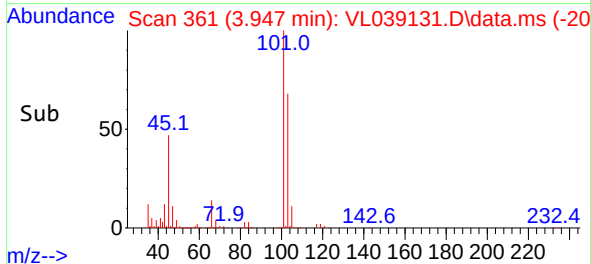
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



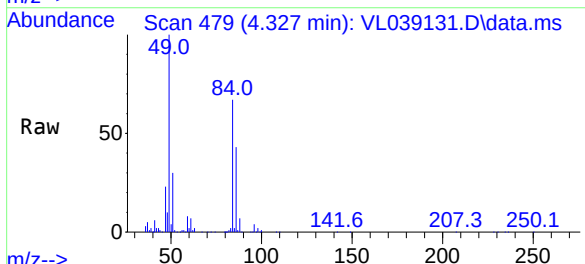
Tgt Ion: 45 Resp: 57060
Ion Ratio Lower Upper
45 100
58 3.5 1.4 2.2

Manual Integrations
APPROVED

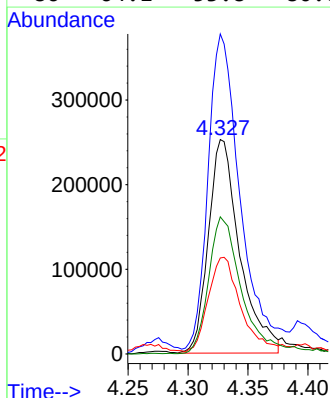
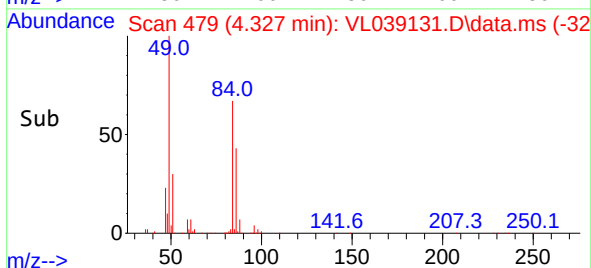
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

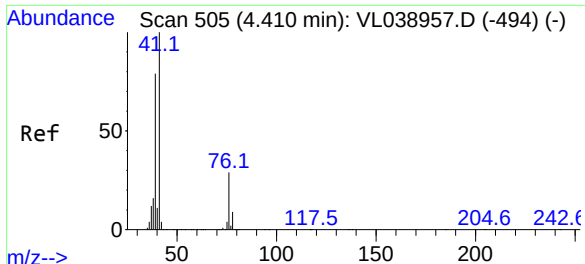


#20
Methylene Chloride
Concen: 13.123 ppbv
RT: 4.327 min Scan# 479
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion: 84 Resp: 460722
Ion Ratio Lower Upper
84 100
49 146.9 119.9 179.9
51 43.4 35.7 53.5
86 64.1 53.8 80.6





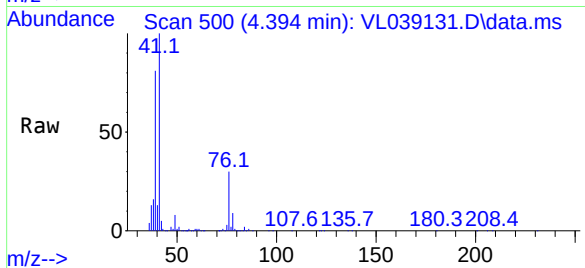
#21
 Allyl Chloride
 Concen: 12.351 ppbv
 RT: 4.394 min Scan# 505
 Delta R.T. -0.016 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

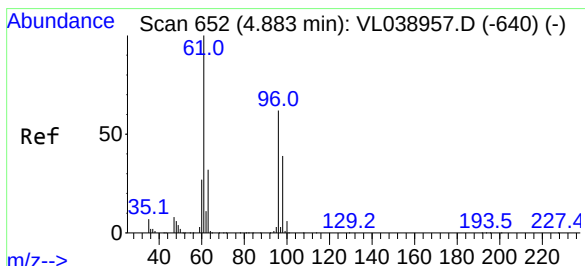
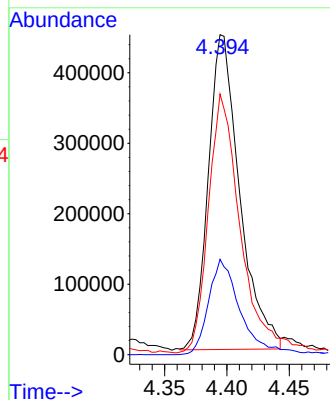
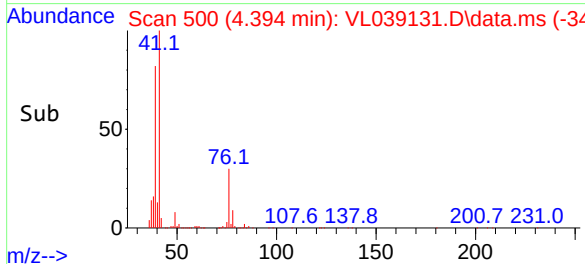


Tgt Ion: 41 Resp: 78394
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.2 36.4
 39 86.6 63.8 95.8

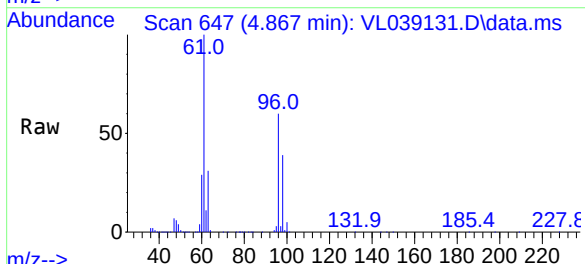
Manual Integrations

APPROVED

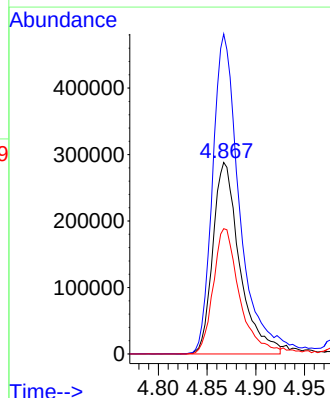
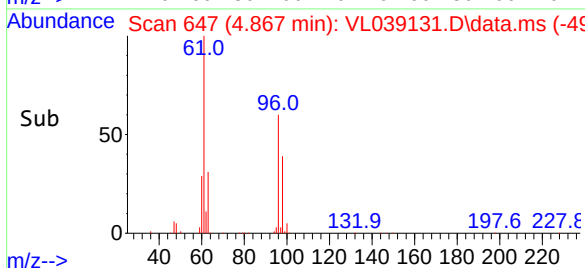
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

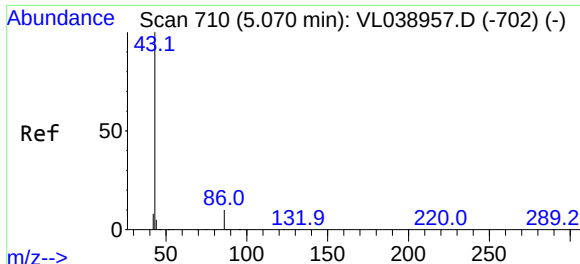


#22
 trans-1,2-Dichloroethene
 Concen: 12.978 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.016 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56



Tgt Ion: 96 Resp: 551728
 Ion Ratio Lower Upper
 96 100
 61 167.1 128.2 192.2
 98 65.4 50.1 75.1





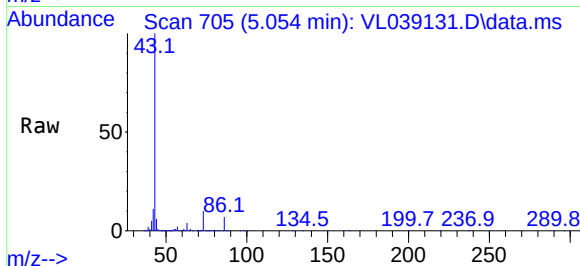
#23
 Vinyl Acetate
 Concen: 13.406 ppbv
 RT: 5.054 min Scan# 705
 Delta R.T. -0.016 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

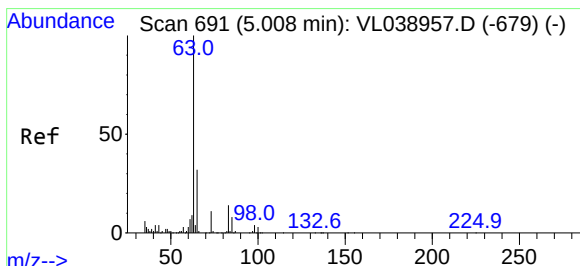
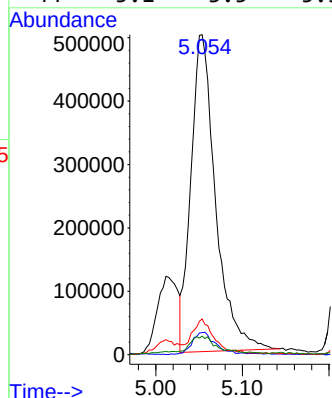
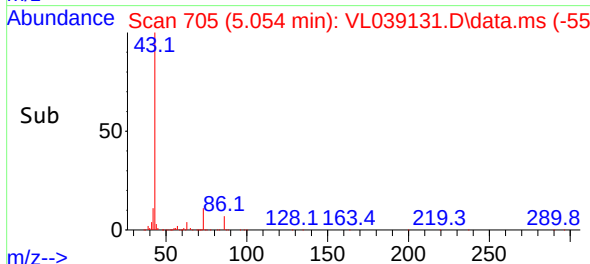


Tgt Ion: 43 Resp: 988072
 Ion Ratio Lower Upper
 43 100
 86 6.7 6.6 9.8
 42 11.1 8.1 12.1
 44 5.1 3.5 5.3

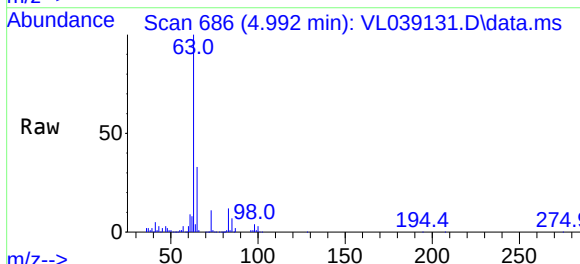
Manual Integrations

APPROVED

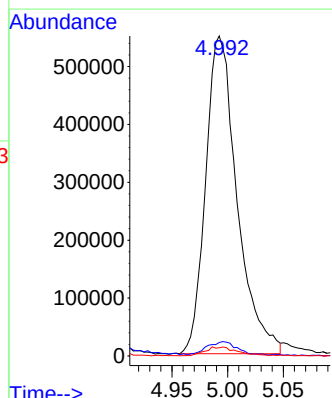
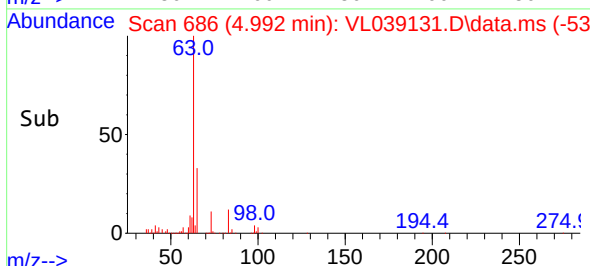
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

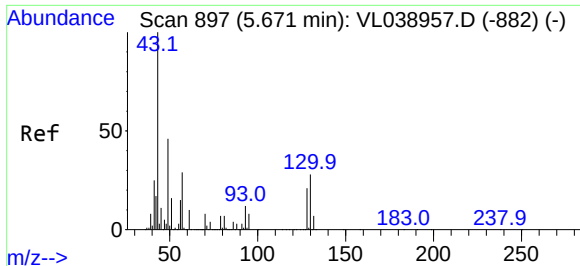


#24
 1,1-Dichloroethane
 Concen: 12.693 ppbv
 RT: 4.992 min Scan# 686
 Delta R.T. -0.016 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56



Tgt Ion: 63 Resp: 1077225
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 2.5 1.4 4.2





#25
Ethyl Acetate
Concen: 10.387 ppbv
RT: 5.655 min Scan# 891
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

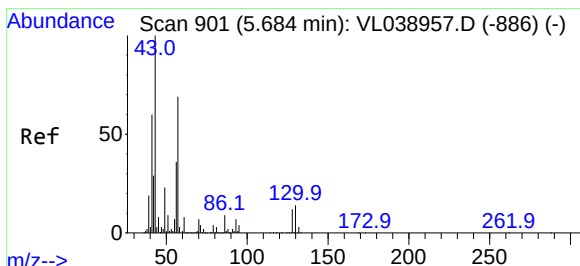
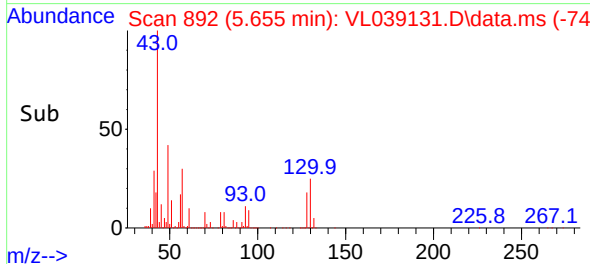
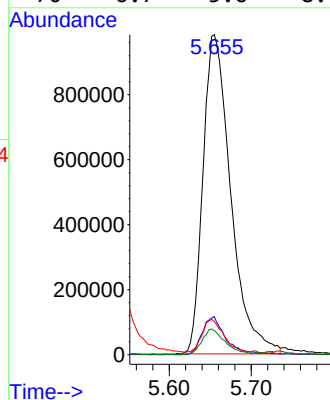
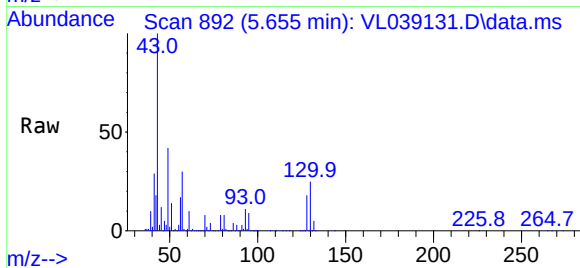
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 231584

Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	10.4	7.8	11.6
70	6.7	5.6	8.4

Manual Integrations
APPROVED

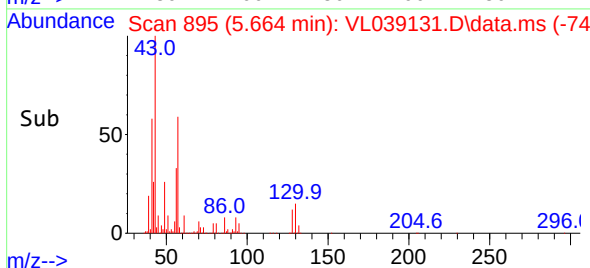
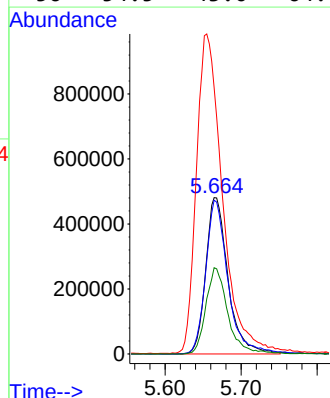
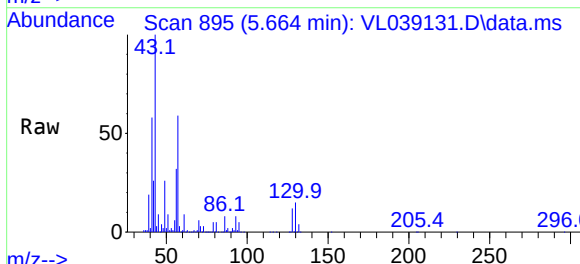
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

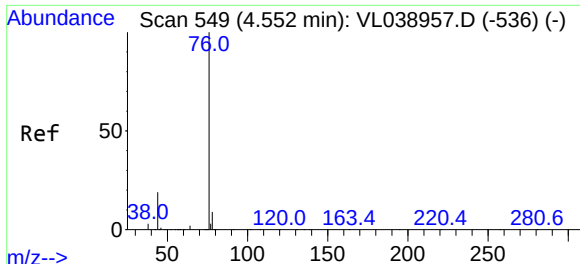


#26
Hexane
Concen: 9.897 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion: 57 Resp: 980380

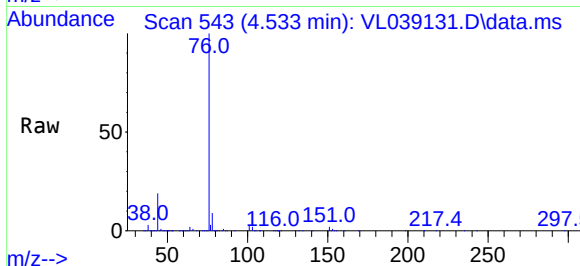
Ion	Ratio	Lower	Upper
57	100		
41	99.1	75.2	112.8
43	241.0	190.8	286.2
56	54.5	43.0	64.6





#27
Carbon Disulfide
Concen: 13.986 ppbv
RT: 4.533 min Scan# 549
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

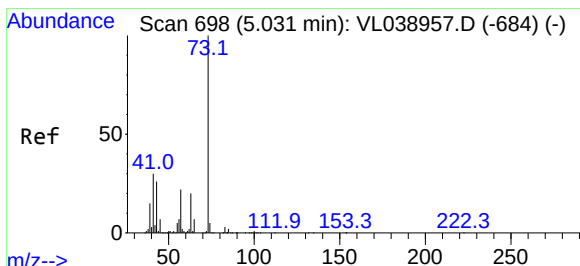
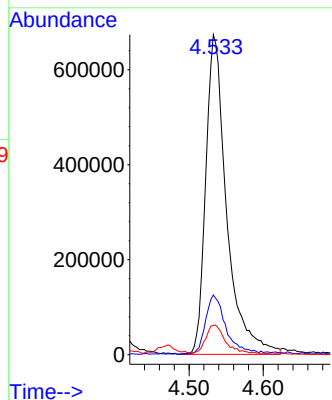
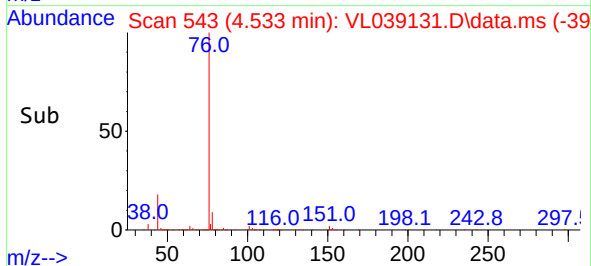
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 131608
Ion Ratio Lower Upper
76 100
44 19.0 15.3 22.9
78 9.2 8.2 12.2

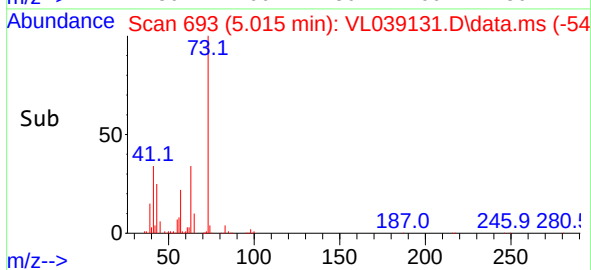
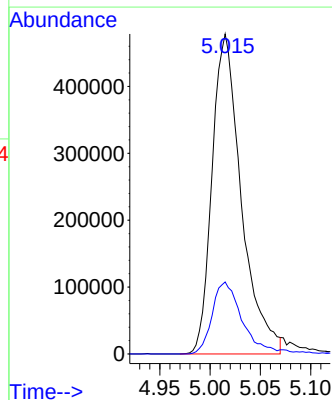
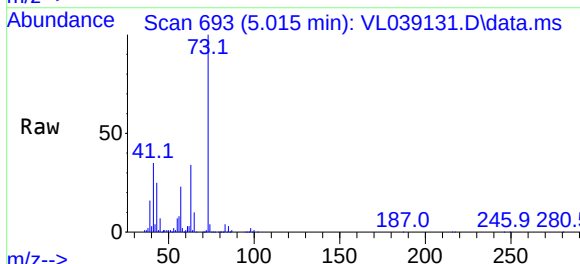
Manual Integrations
APPROVED

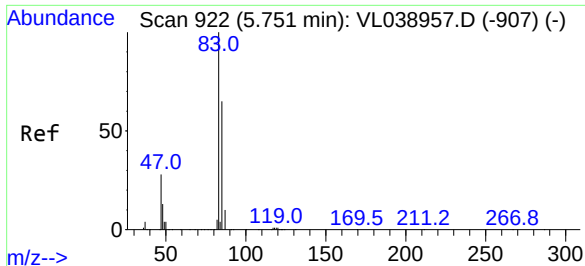
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#28
Methyl tert-Butyl Ether
Concen: 12.833 ppbv
RT: 5.015 min Scan# 693
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

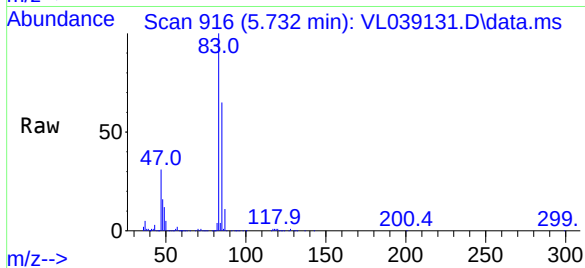
Tgt Ion: 73 Resp: 967219
Ion Ratio Lower Upper
73 100
57 23.8 18.8 28.2





#29
Chloroform
Concen: 10.934 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

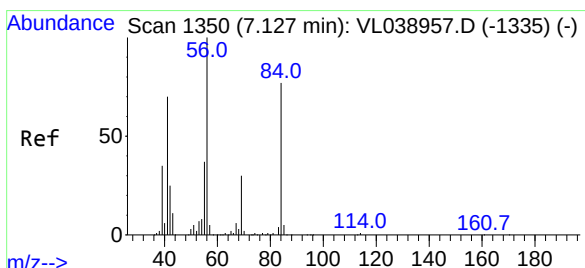
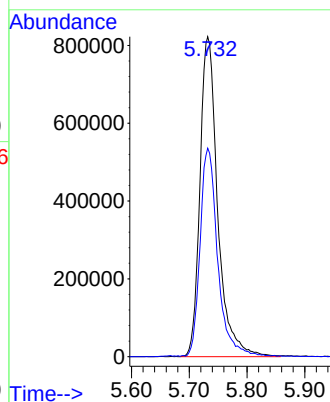
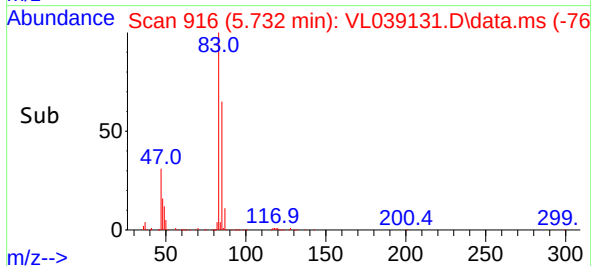
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



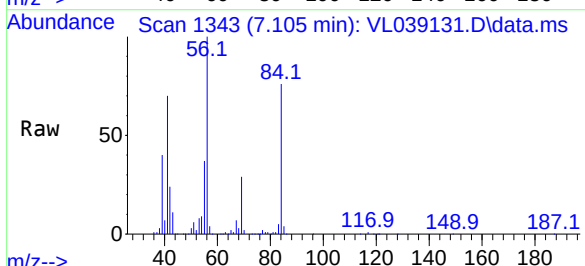
Tgt Ion: 83 Resp: 175231
Ion Ratio Lower Upper
83 100
85 65.0 51.8 77.6

Manual Integrations
APPROVED

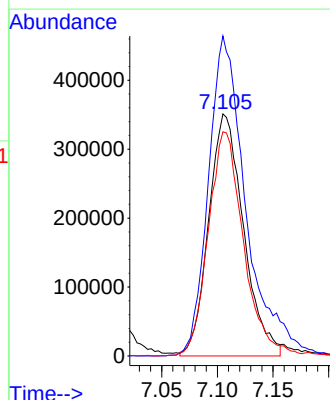
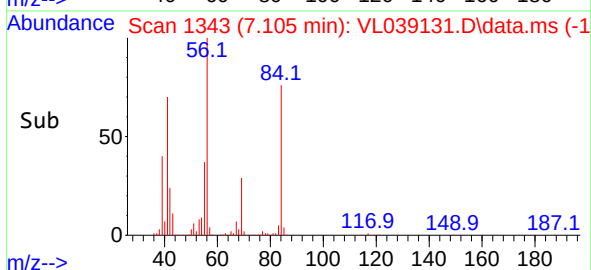
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

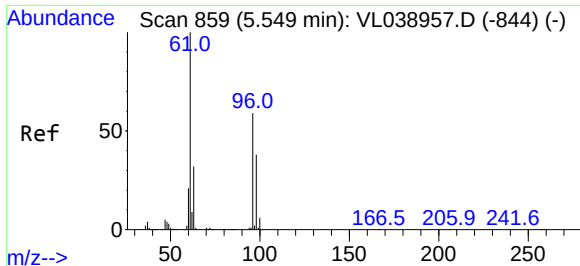


#30
Cyclohexane
Concen: 9.243 ppbv
RT: 7.105 min Scan# 1343
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



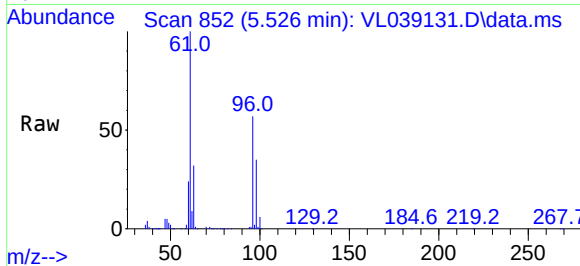
Tgt Ion: 84 Resp: 766584
Ion Ratio Lower Upper
84 100
56 143.2 115.3 172.9
41 94.5 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.460 ppbv
 RT: 5.526 min Scan# 81
 Delta R.T. -0.022 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56

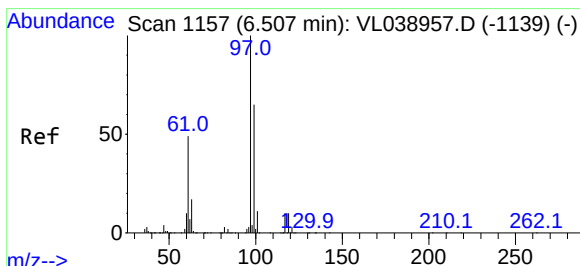
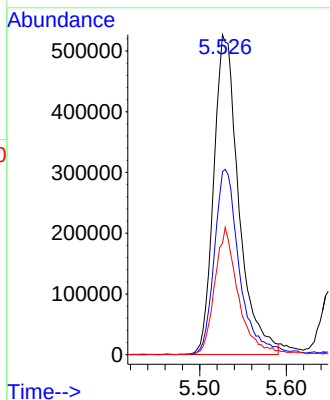
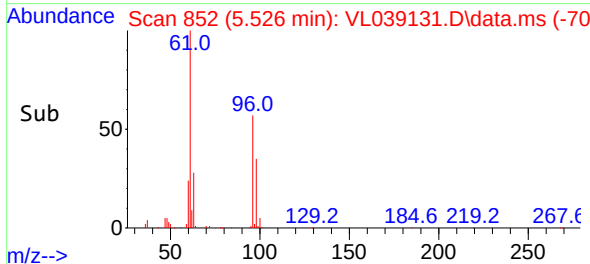
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



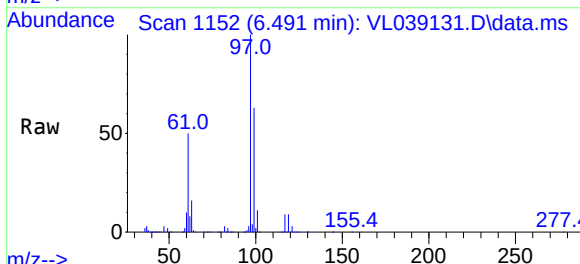
Tgt Ion: 61 Resp: 105564
 Ion Ratio Lower Upper
 61 100
 96 57.2 47.4 71.0
 98 34.8 30.6 45.8

Manual Integrations
 APPROVED

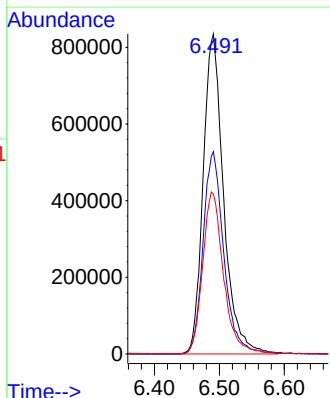
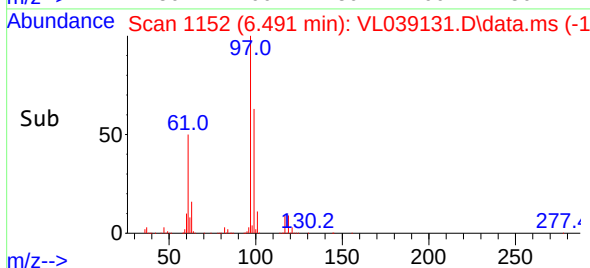
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

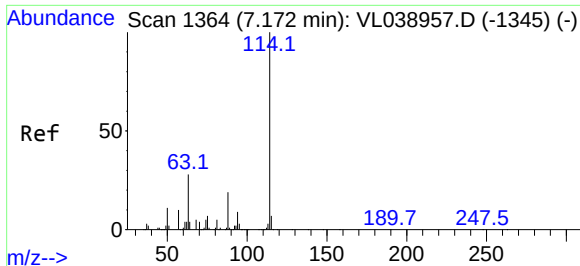


#32
 1,1,1-Trichloroethane
 Concen: 11.399 ppbv
 RT: 6.491 min Scan# 1152
 Delta R.T. -0.016 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56



Tgt Ion: 97 Resp: 1826653
 Ion Ratio Lower Upper
 97 100
 99 64.1 51.9 77.9
 61 51.9 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

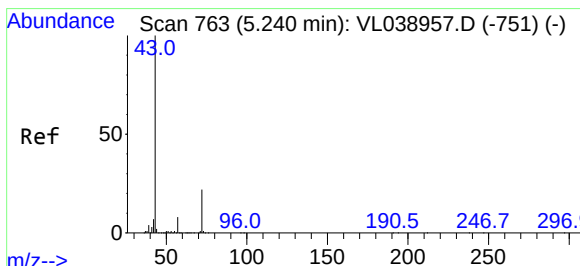
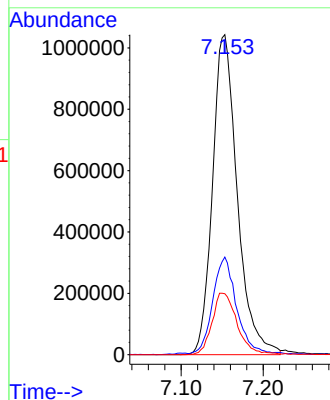
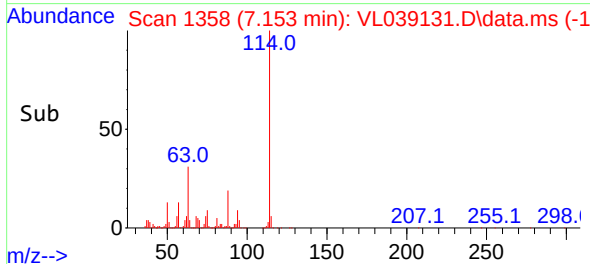
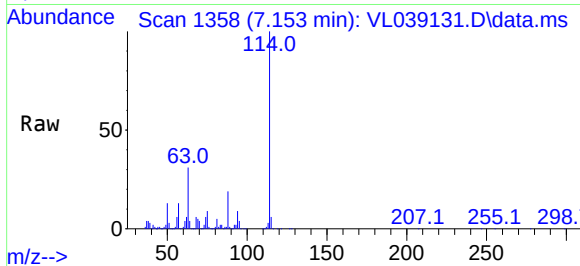
VSTDCCC010EC

Tgt Ion:114 Resp: 2190789
Ion Ratio Lower Upper
114 100
63 30.3 22.6 33.8
88 19.6 15.4 23.0

Manual Integrations

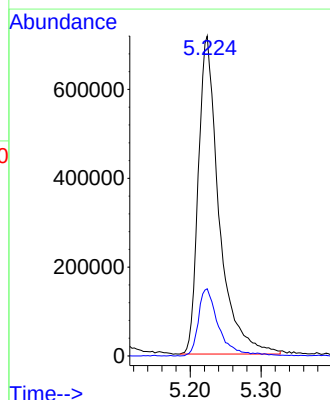
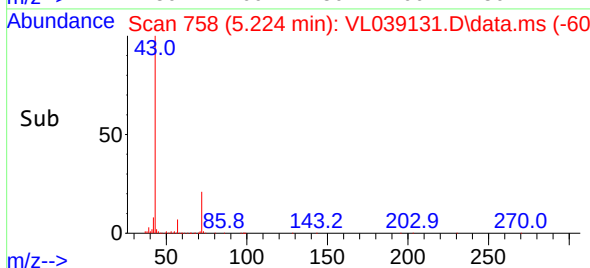
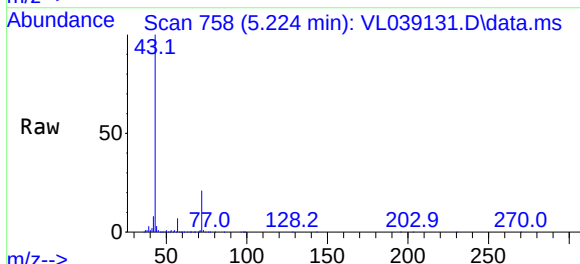
APPROVED

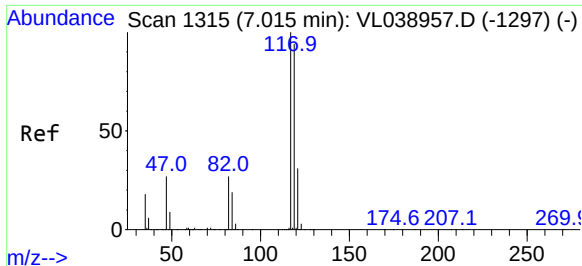
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#34
2-Butanone
Concen: 12.972 ppbv
RT: 5.224 min Scan# 758
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion: 43 Resp: 1449813
Ion Ratio Lower Upper
43 100
72 21.1 17.8 26.6





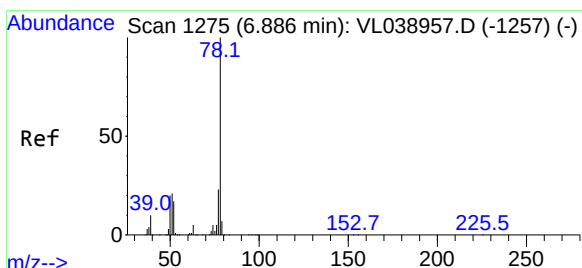
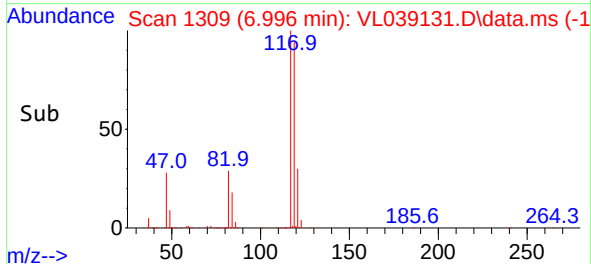
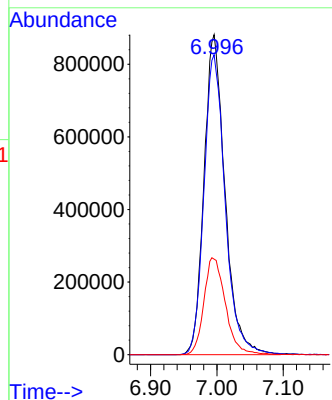
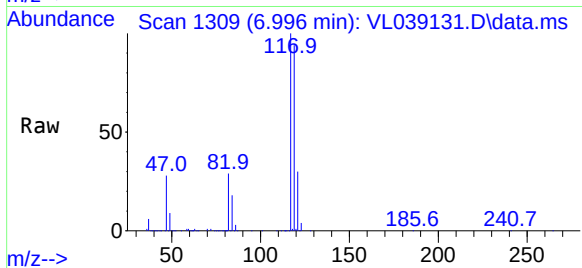
#35
Carbon Tetrachloride
Concen: 13.406 ppbv
RT: 6.996 min Scan# 111
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:117 Resp: 1935159
Ion Ratio Lower Upper
117 100
119 93.7 75.2 112.8
121 29.8 24.6 37.0

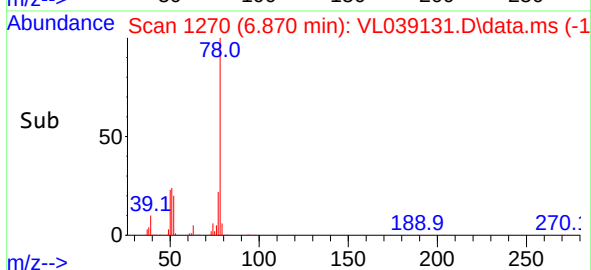
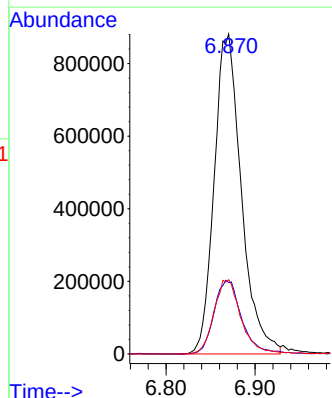
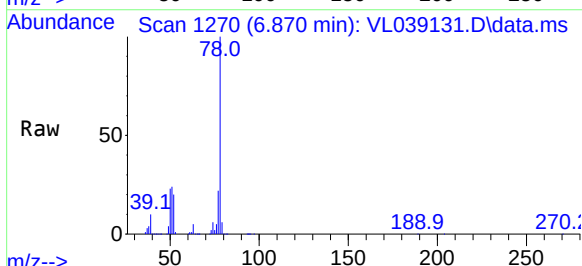
Manual Integrations
APPROVED

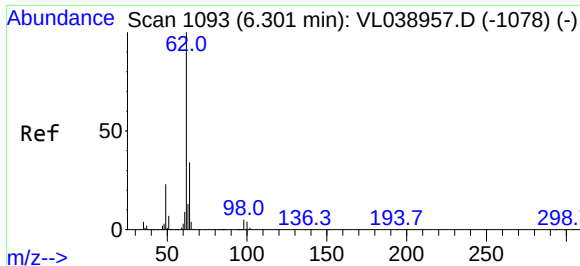
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#36
Benzene
Concen: 9.956 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

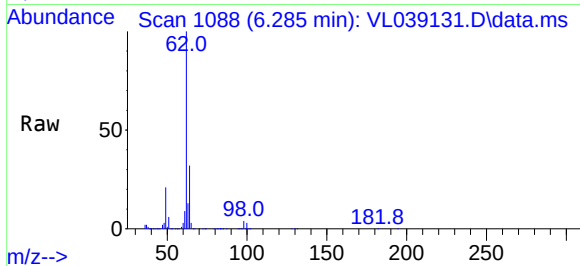
Tgt Ion: 78 Resp: 1866649
Ion Ratio Lower Upper
78 100
77 22.3 18.6 28.0
50 23.2 15.6 23.4





#37
1,2-Dichloroethane
Concen: 12.943 ppbv
RT: 6.285 min Scan# 1088
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

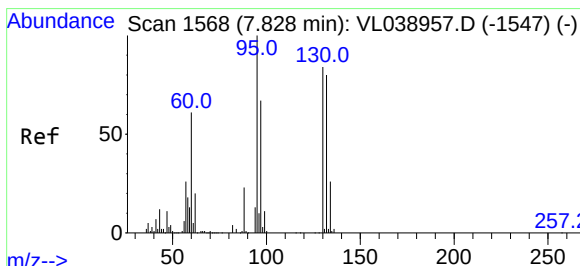
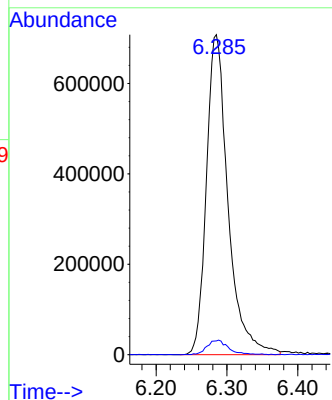
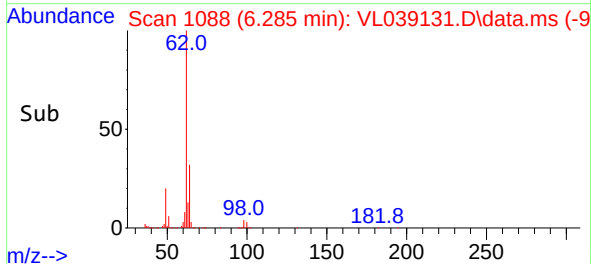
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 150136
Ion Ratio Lower Upper
62 100
98 4.6 4.5 6.7

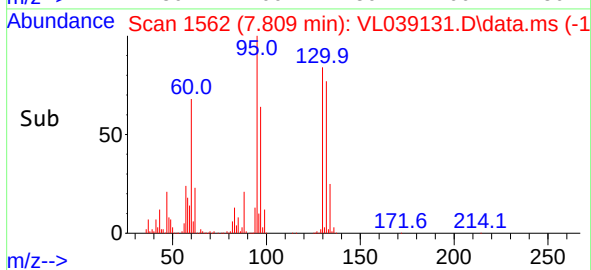
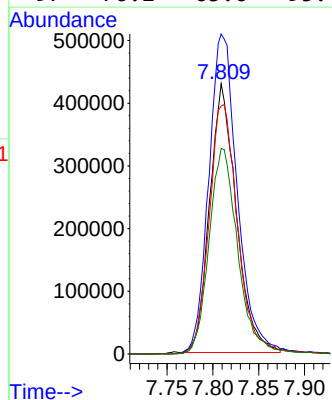
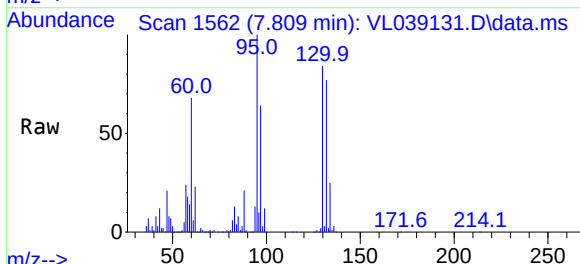
Manual Integrations
APPROVED

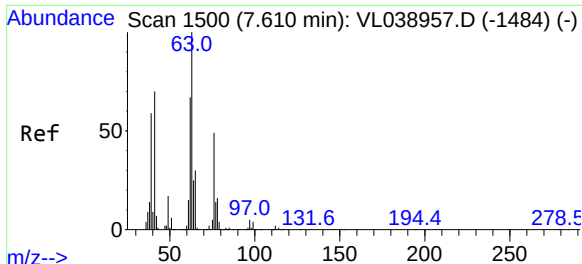
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#38
Trichloroethene
Concen: 10.369 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

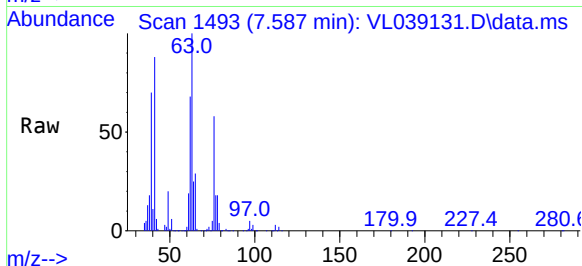
Tgt Ion:130 Resp: 864192
Ion Ratio Lower Upper
130 100
95 118.8 94.8 142.2
132 91.9 75.8 113.8
97 76.2 63.6 95.4





#39
1,2-Dichloropropane
Concen: 10.264 ppbv
RT: 7.587 min Scan# 1493
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

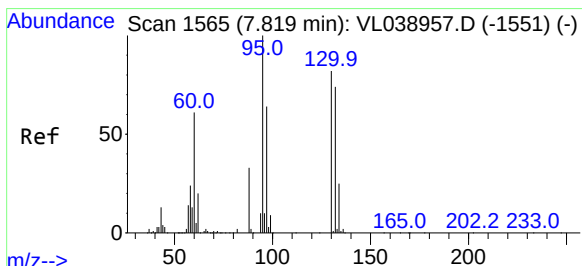
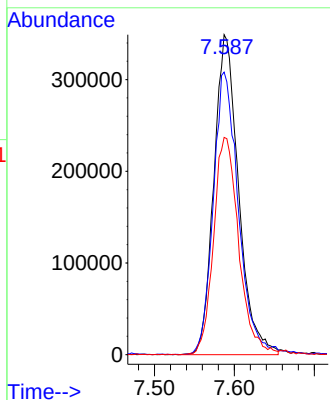
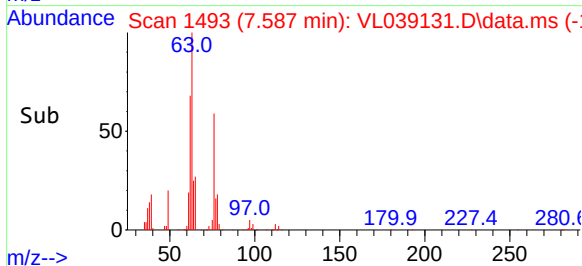
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



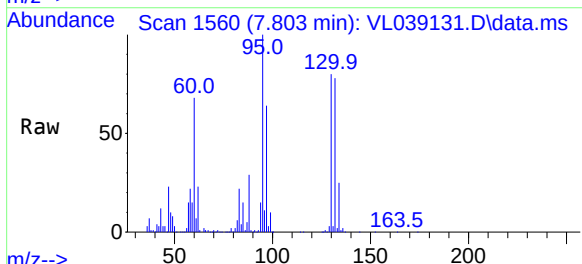
Tgt Ion: 63 Resp: 748760
Ion Ratio Lower Upper
63 100
41 88.2 55.9 83.9#
62 67.9 53.8 80.6

Manual Integrations
APPROVED

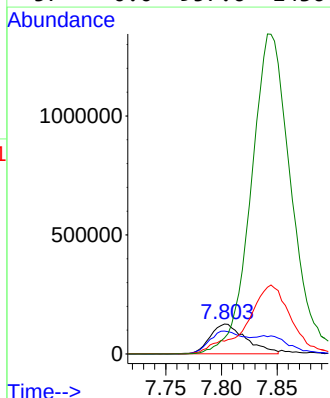
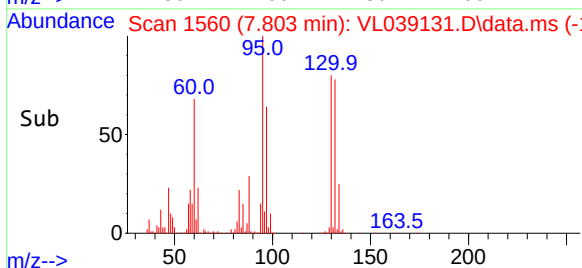
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

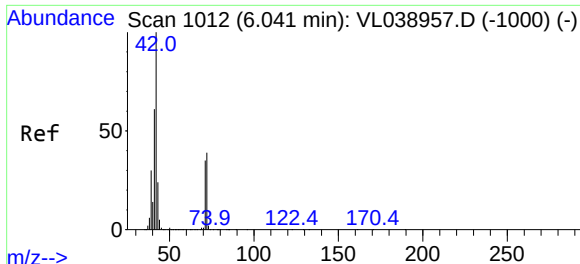


#40
1,4-Dioxane
Concen: 10.696 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion: 88 Resp: 280234
Ion Ratio Lower Upper
88 100
58 137.2 106.1 159.1
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





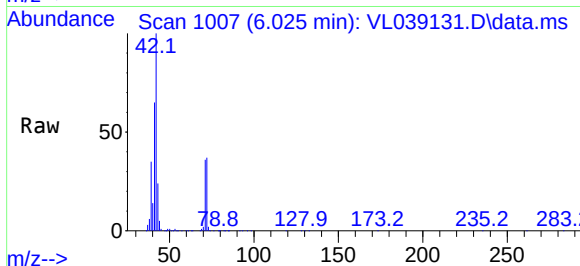
#41
Tetrahydrofuran
Concen: 10.228 ppbv
RT: 6.025 min Scan# 1012
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

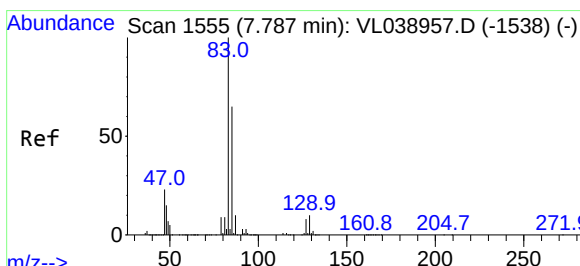
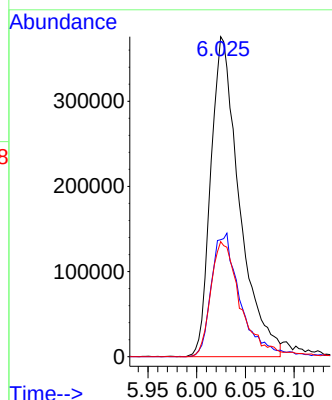
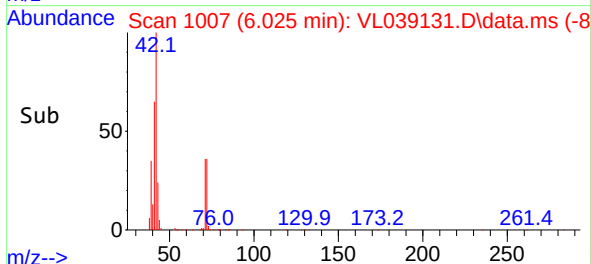


Tgt Ion: 42 Resp: 768319
Ion Ratio Lower Upper
42 100
72 39.7 31.8 47.6
71 38.4 30.6 45.8

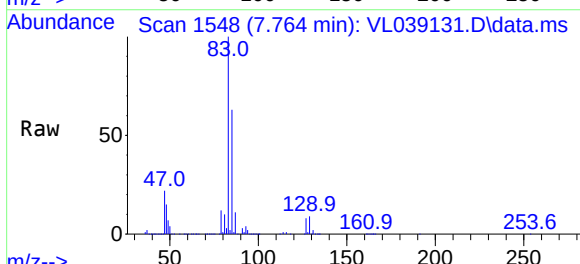
Manual Integrations

APPROVED

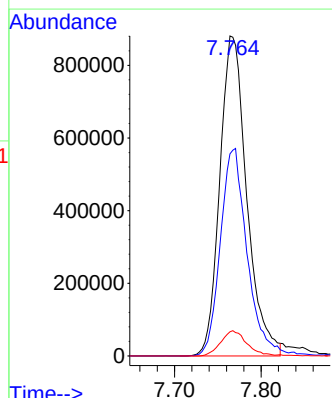
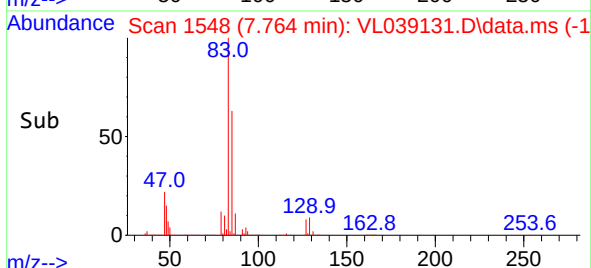
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

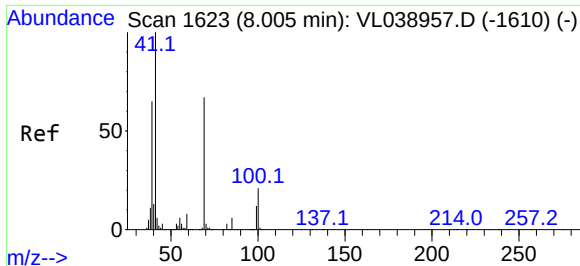


#42
Bromodichloromethane
Concen: 12.020 ppbv
RT: 7.764 min Scan# 1548
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion: 83 Resp: 1906231
Ion Ratio Lower Upper
83 100
85 63.2 52.0 78.0
127 7.5 6.0 9.0





#43
Methyl Methacrylate
Concen: 10.841 ppbv
RT: 7.986 min Scan# 1617
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

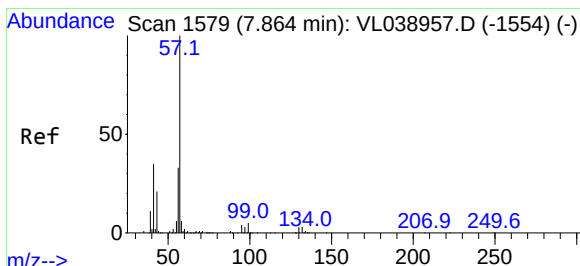
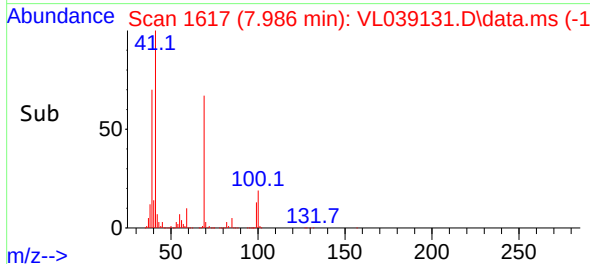
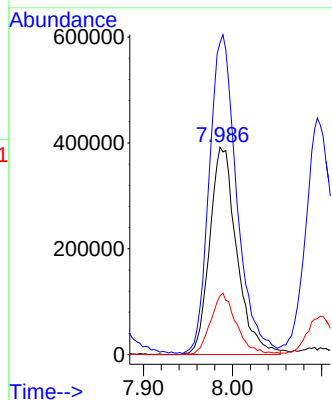
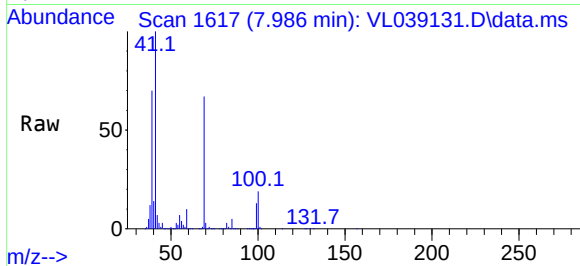
VSTDCCC010EC

Tgt Ion: 69 Resp: 82517
Ion Ratio Lower Upper
69 100
41 157.3 121.9 182.9
100 28.4 24.6 36.8

Manual Integrations

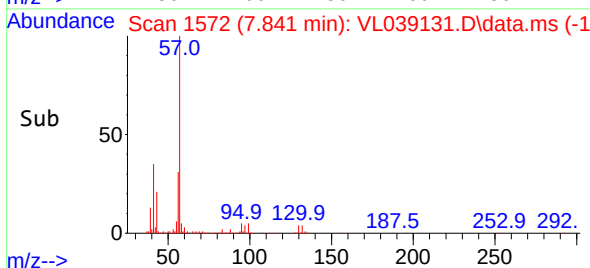
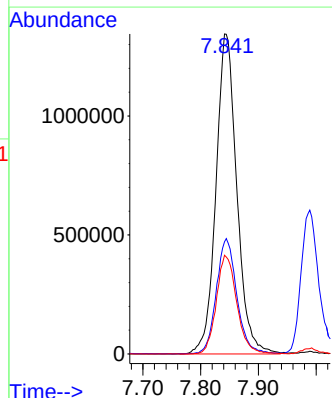
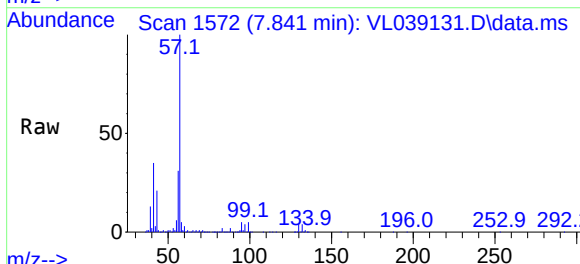
APPROVED

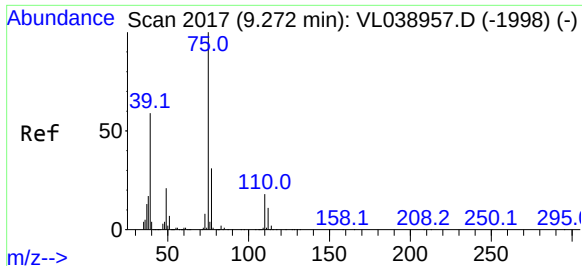
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#44
2,2,4-Trimethylpentane
Concen: 10.254 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion: 57 Resp: 3373231
Ion Ratio Lower Upper
57 100
41 35.4 26.3 39.5
56 30.3 24.6 37.0





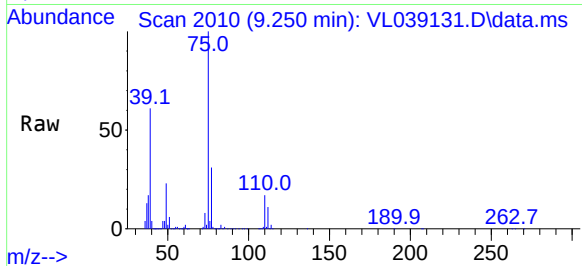
#45
t-1,3-Dichloropropene
Concen: 13.686 ppbv
RT: 9.250 min Scan# 2017
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

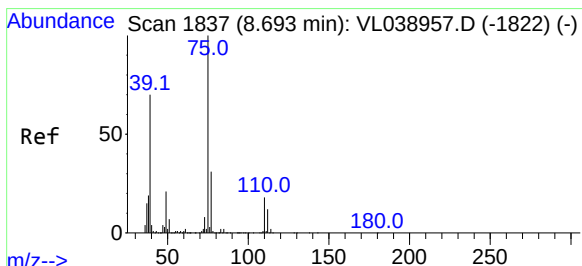
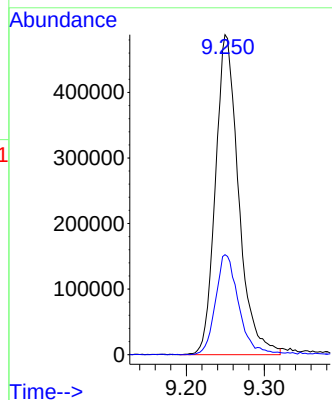
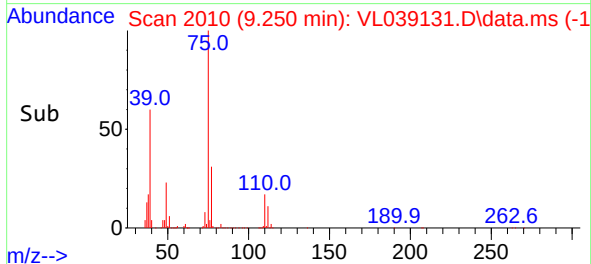


Tgt Ion: 75 Resp: 1008350
Ion Ratio Lower Upper
75 100
77 31.2 24.6 37.0

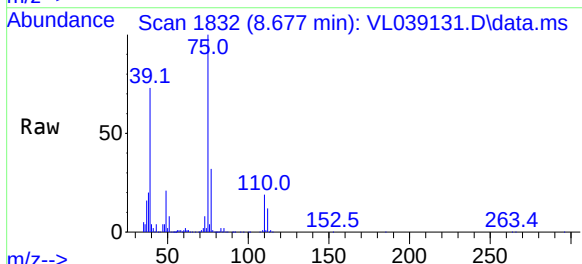
Manual Integrations

APPROVED

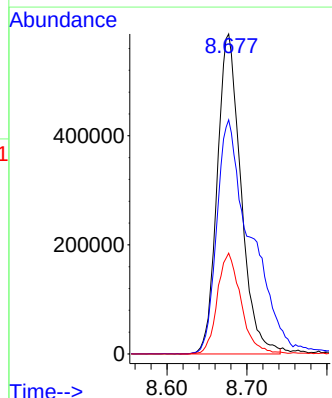
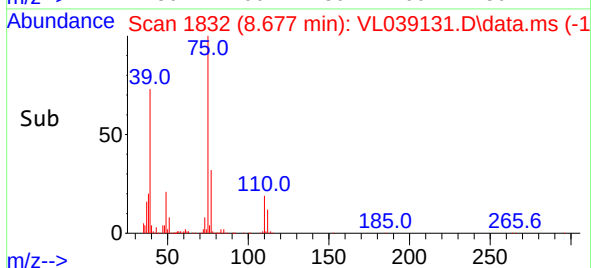
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

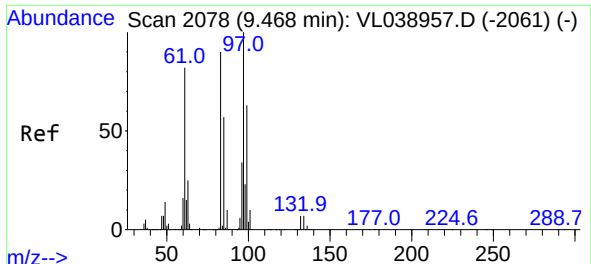


#46
cis-1,3-Dichloropropene
Concen: 12.342 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion: 75 Resp: 1205824
Ion Ratio Lower Upper
75 100
39 73.1 55.8 83.6
77 31.5 24.8 37.2





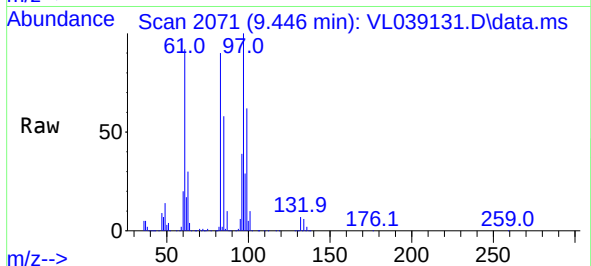
#47
1,1,2-Trichloroethane
Concen: 10.573 ppbv
RT: 9.446 min Scan# 2078
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

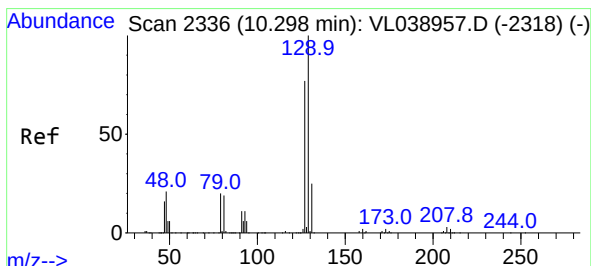
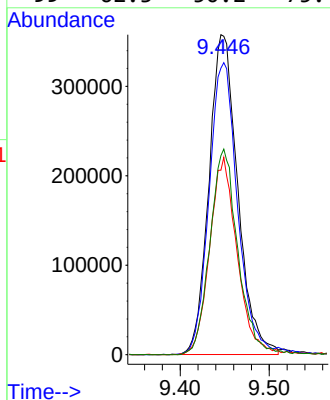
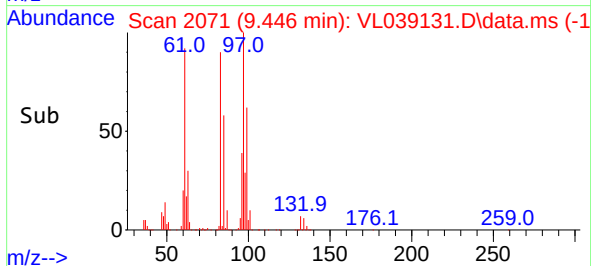


Tgt Ion: 97 Resp: 80218
Ion Ratio Lower Upper
97 100
83 89.4 72.0 108.0
85 57.7 45.7 68.5
99 62.3 50.2 75.4

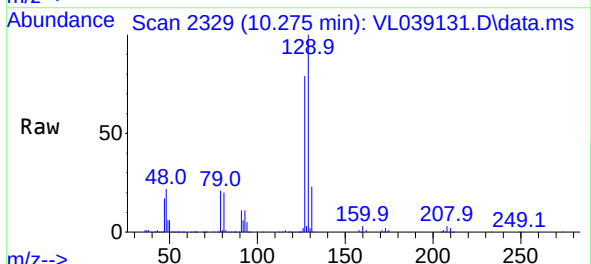
Manual Integrations

APPROVED

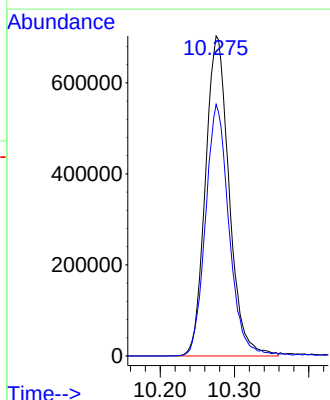
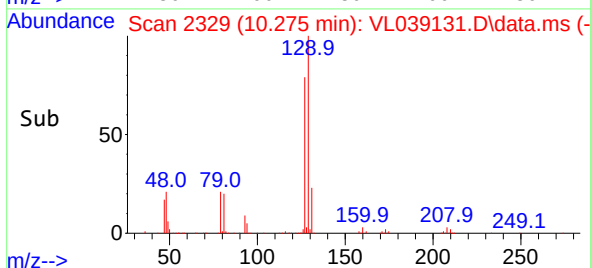
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

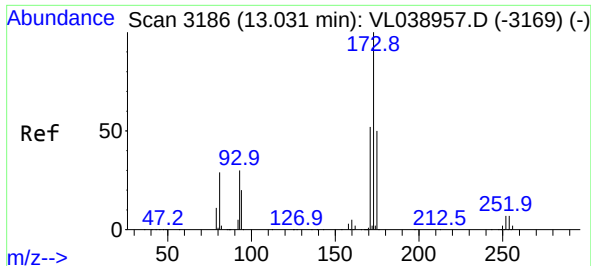


#48
Dibromochloromethane
Concen: 12.593 ppbv
RT: 10.275 min Scan# 2329
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion:129 Resp: 1555134
Ion Ratio Lower Upper
129 100
127 79.0 39.3 117.9





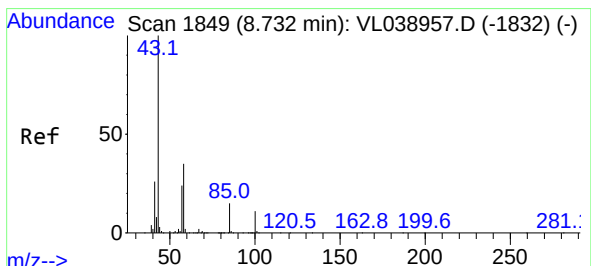
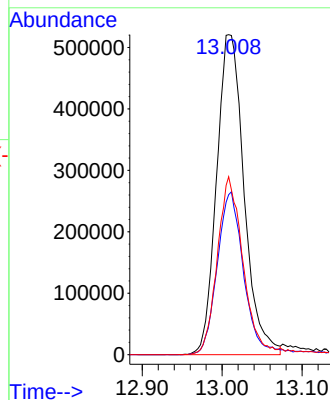
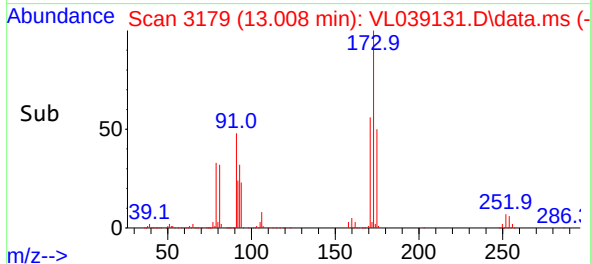
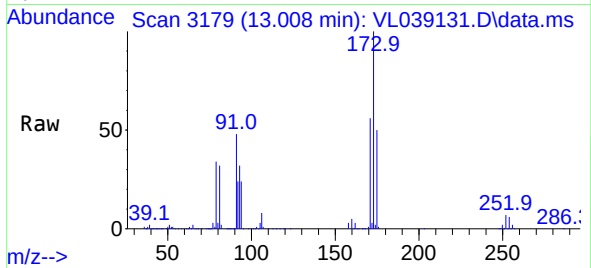
#49
Bromoform
Concen: 13.188 ppbv
RT: 13.008 min Scan# 3186
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010EC

Tgt Ion:173 Resp: 1242079
Ion Ratio Lower Upper
173 100
175 50.4 41.0 61.6
171 54.0 42.6 64.0

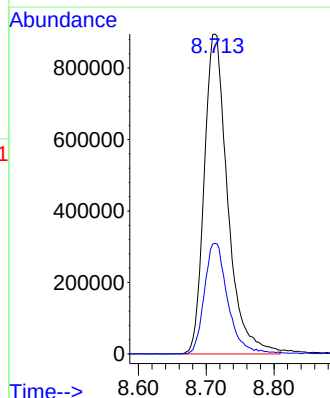
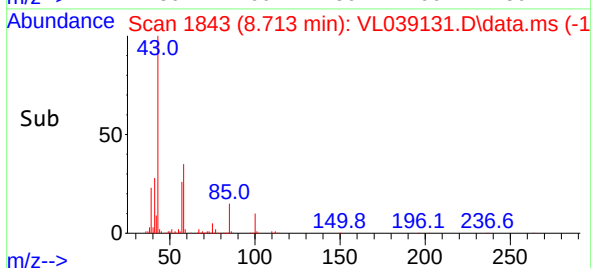
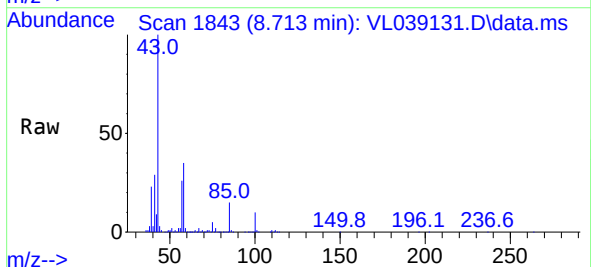
Manual Integrations
APPROVED

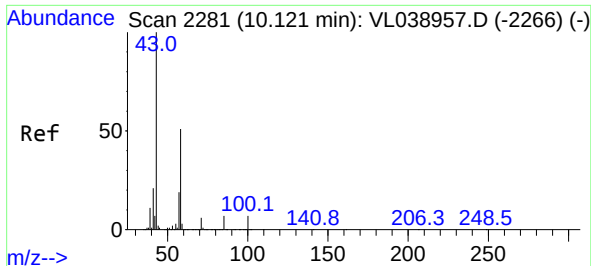
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#50
4-Methyl-2-Pentanone
Concen: 10.971 ppbv
RT: 8.713 min Scan# 1843
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion: 43 Resp: 2150106
Ion Ratio Lower Upper
43 100
58 35.1 28.4 42.6





#51
2-Hexanone
Concen: 11.861 ppbv
RT: 10.102 min Scan# 2166
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

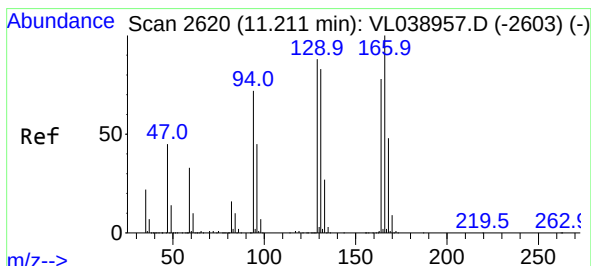
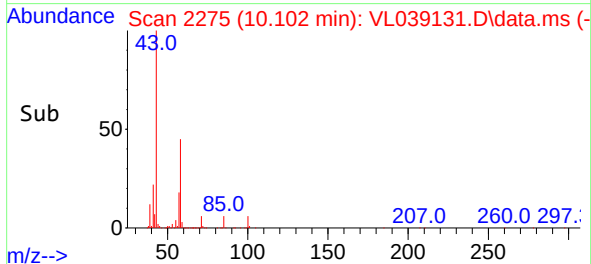
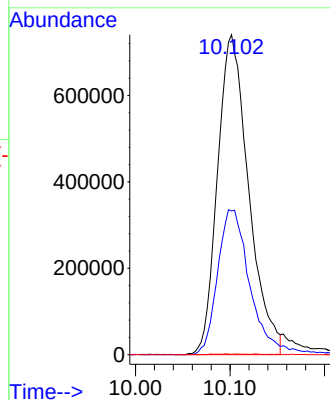
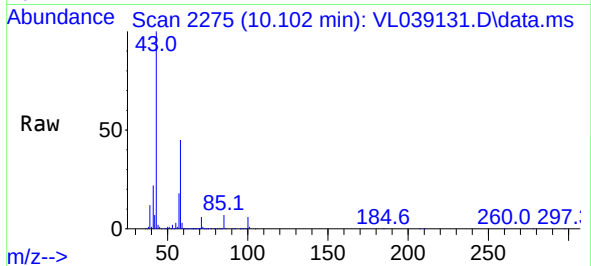
VSTDCCC010EC

Tgt Ion: 43 Resp: 169666
Ion Ratio Lower Upper
43 100
58 48.0 39.3 58.9
98 0.3 0.2 0.2

Manual Integrations

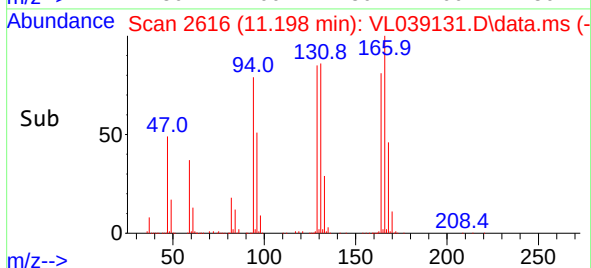
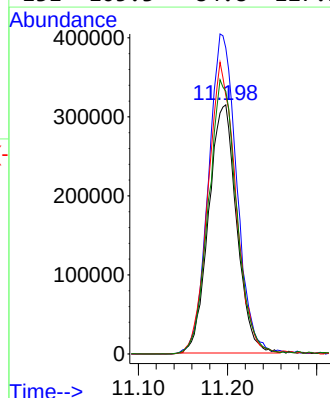
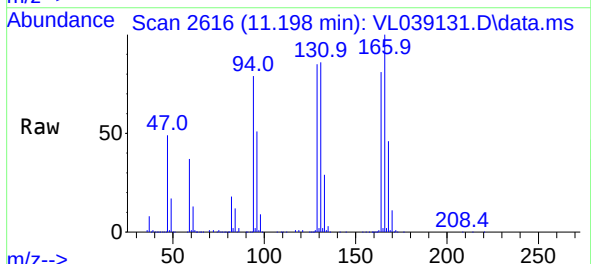
APPROVED

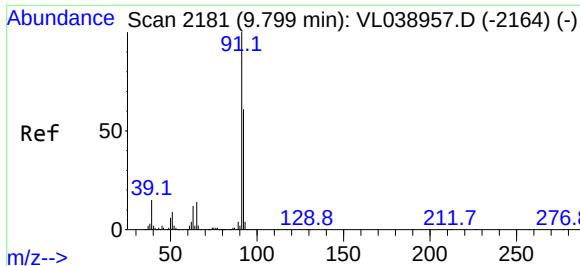
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#52
Tetrachloroethene
Concen: 10.202 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

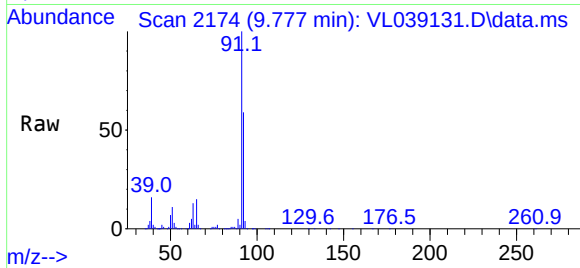
Tgt Ion:164 Resp: 683486
Ion Ratio Lower Upper
164 100
166 122.6 102.5 153.7
129 103.7 90.1 135.1
131 105.3 84.8 127.2





#53
Toluene
Concen: 10.618 ppbv
RT: 9.777 min Scan# 2181
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

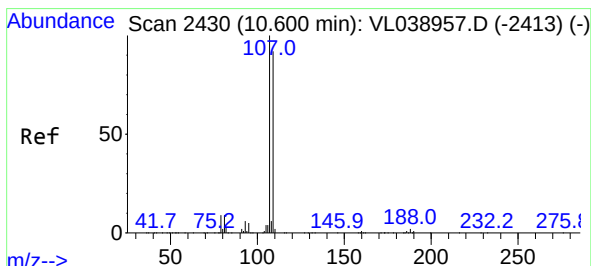
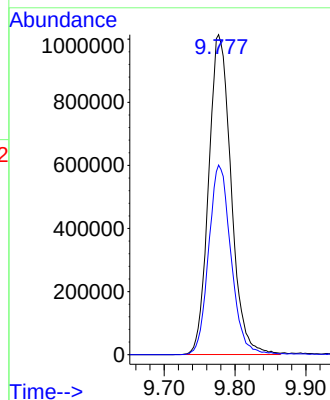
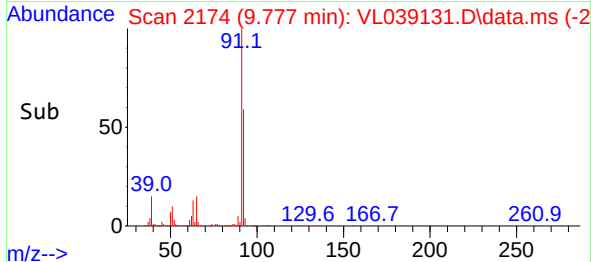
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



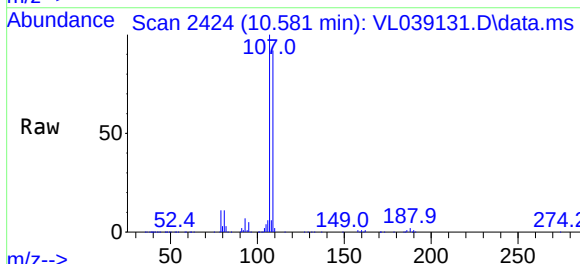
Tgt Ion: 91 Resp: 2231208
Ion Ratio Lower Upper
91 100
92 59.3 48.2 72.2

Manual Integrations
APPROVED

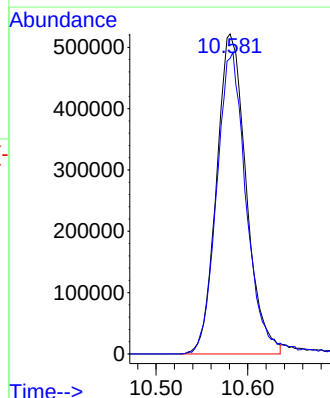
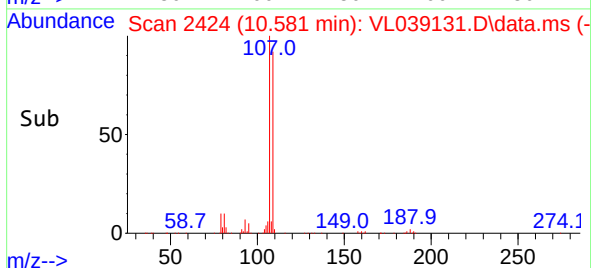
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

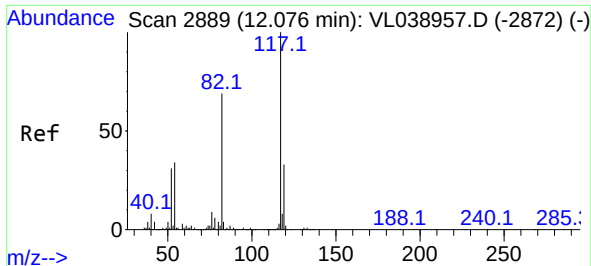


#54
1,2-Dibromoethane
Concen: 11.327 ppbv
RT: 10.581 min Scan# 2424
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



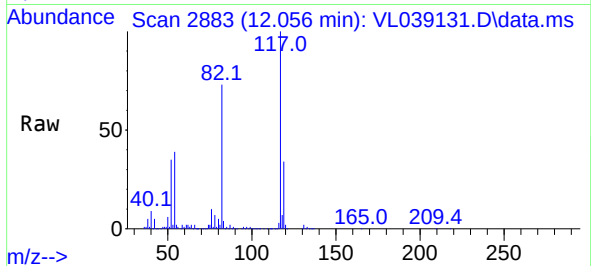
Tgt Ion:107 Resp: 1169944
Ion Ratio Lower Upper
107 100
109 92.4 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.056 min Scan# 2883
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

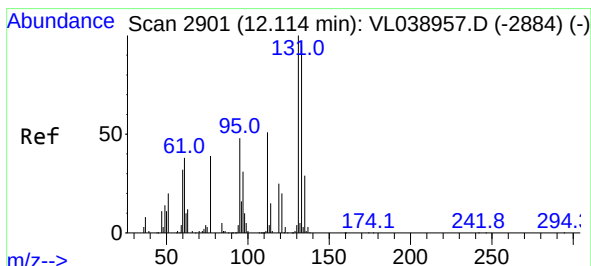
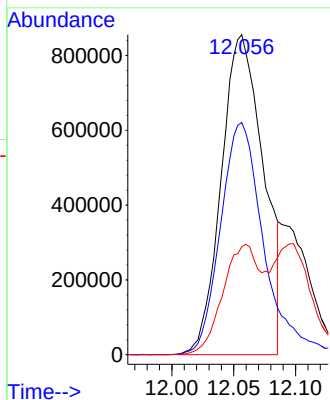
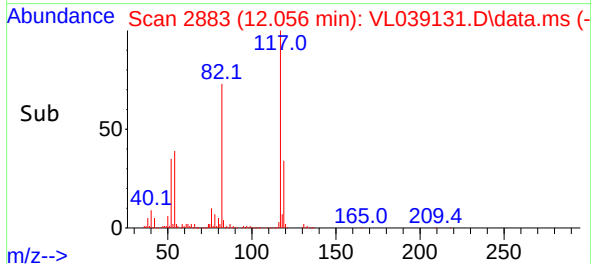
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



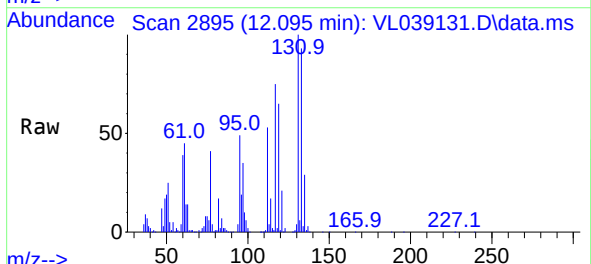
Tgt Ion:117 Resp: 2025460
Ion Ratio Lower Upper
117 100
82 76.8 57.0 85.6
119 31.4 27.2 40.8

Manual Integrations
APPROVED

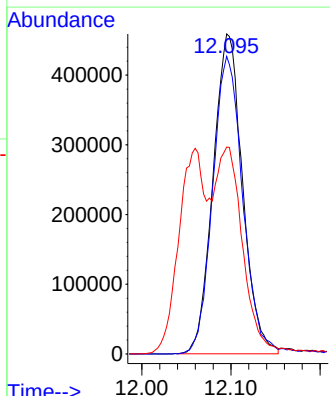
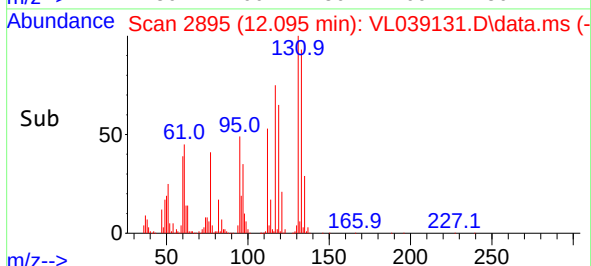
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

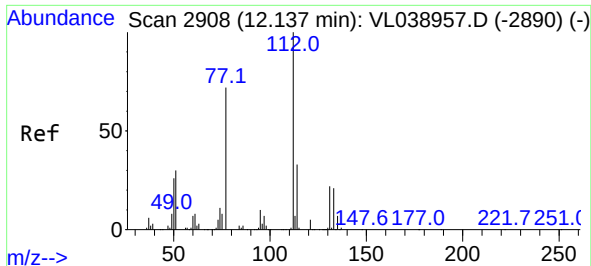


#56
1,1,1,2-Tetrachloroethane
Concen: 11.852 ppbv
RT: 12.095 min Scan# 2895
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



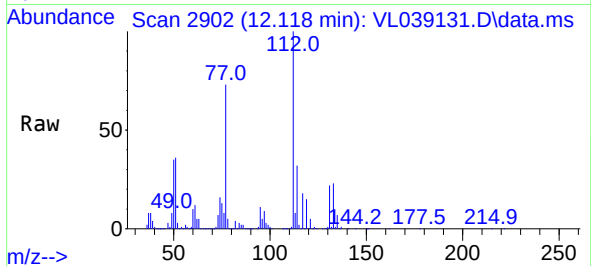
Tgt Ion:131 Resp: 1053266
Ion Ratio Lower Upper
131 100
133 97.1 76.9 115.3
119 60.2 47.4 71.0





#57
Chlorobenzene
Concen: 10.957 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

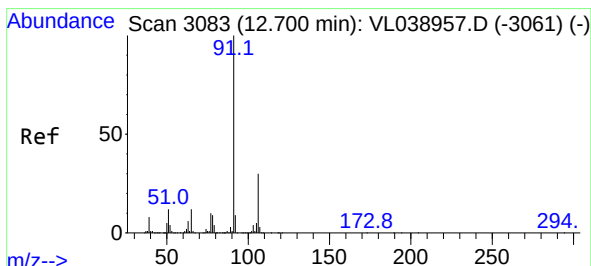
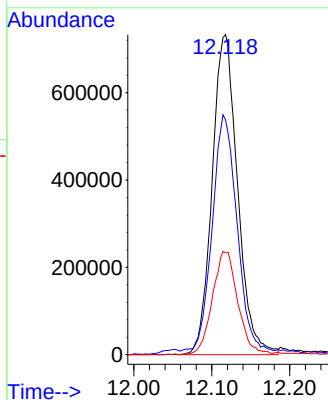
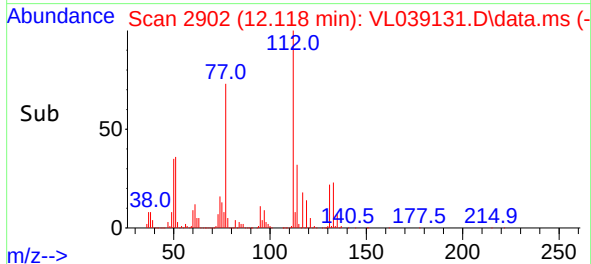
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



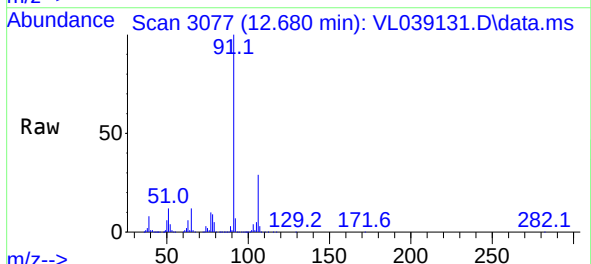
Tgt Ion: 112 Resp: 1663608
Ion Ratio Lower Upper
112 100
77 72.0 57.7 86.5
114 31.8 30.1 36.7

Manual Integrations
APPROVED

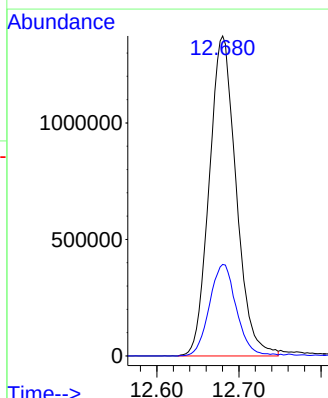
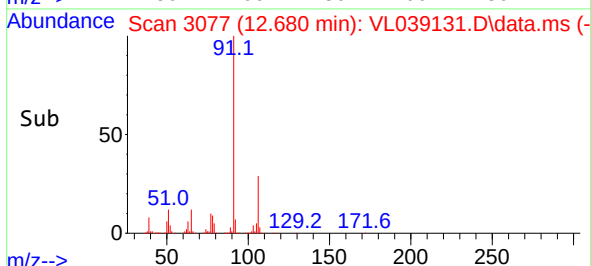
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

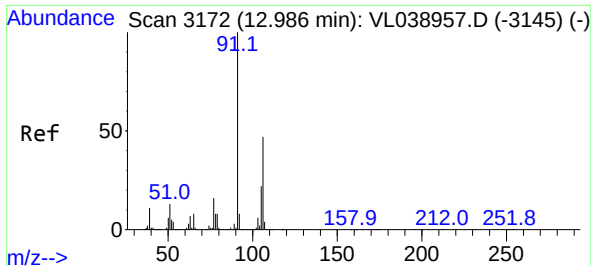


#58
Ethyl Benzene
Concen: 10.750 ppbv
RT: 12.680 min Scan# 3077
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion: 91 Resp: 3133581
Ion Ratio Lower Upper
91 100
106 28.6 24.2 36.4





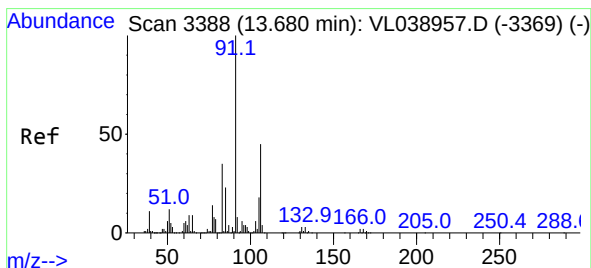
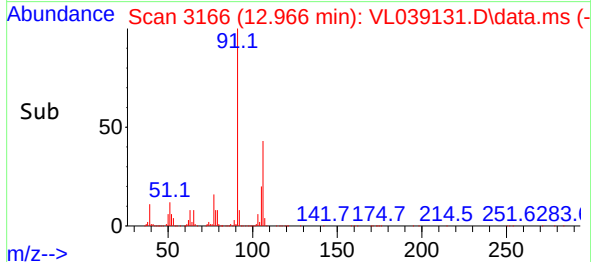
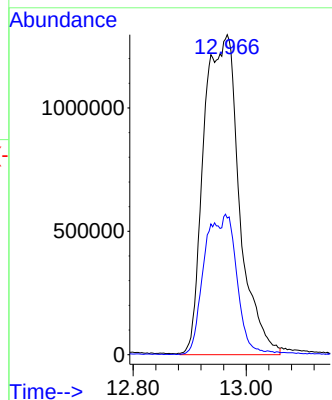
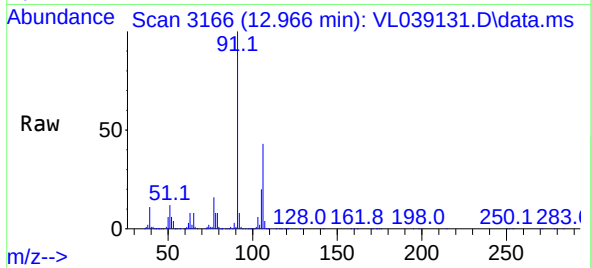
#59
m/p-Xylene
Concen: 22.641 ppbv m
RT: 12.966 min Scan# 3172
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 563416
Ion Ratio Lower Upper
91 100
106 40.4 34.6 52.0

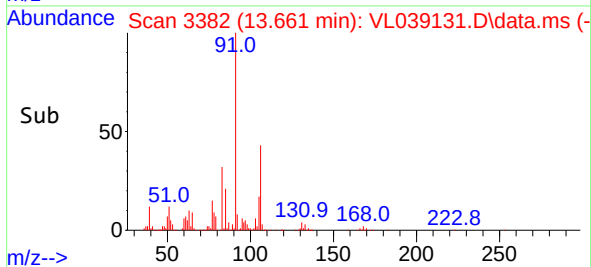
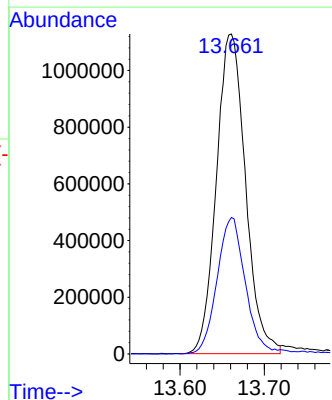
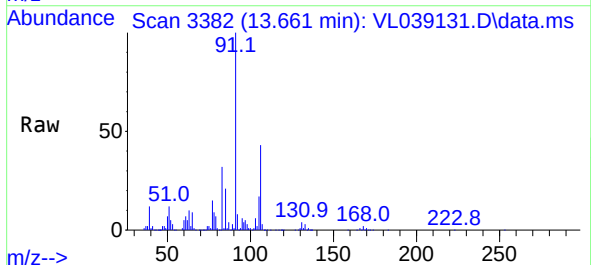
Manual Integrations
APPROVED

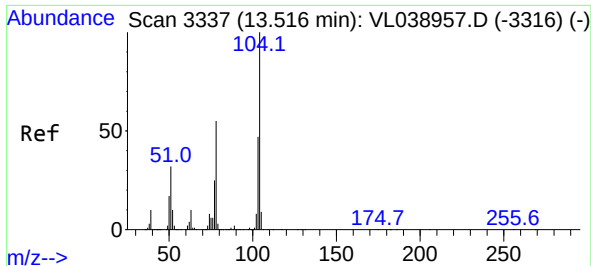
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#60
o-Xylene
Concen: 11.554 ppbv
RT: 13.661 min Scan# 3382
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Tgt Ion: 91 Resp: 2706123
Ion Ratio Lower Upper
91 100
106 42.8 22.2 66.6





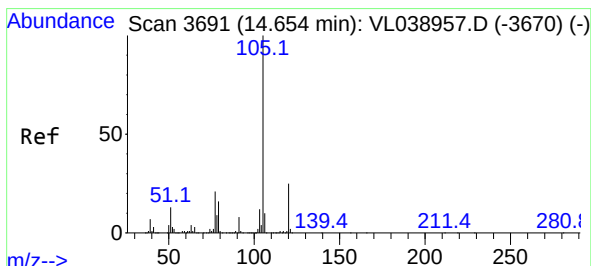
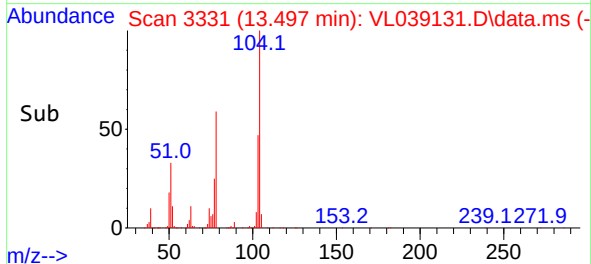
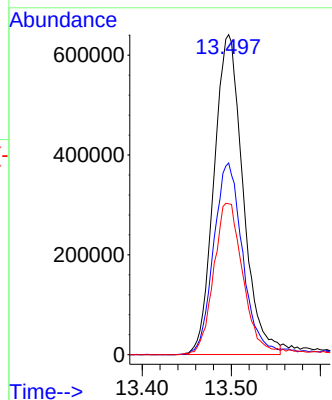
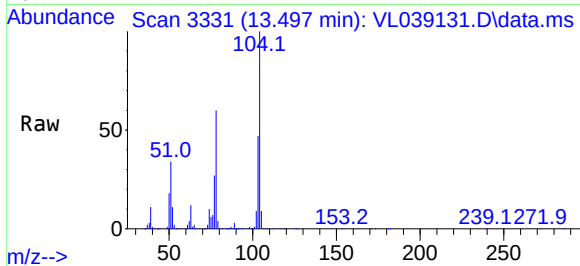
#61
Styrene
Concen: 11.586 ppbv
RT: 13.497 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:104 Resp: 1448654
Ion Ratio Lower Upper
104 100
78 61.4 46.4 69.6
103 49.3 39.3 58.9

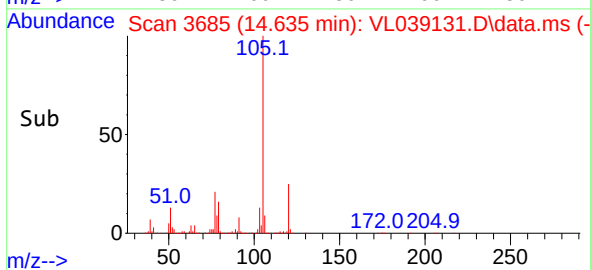
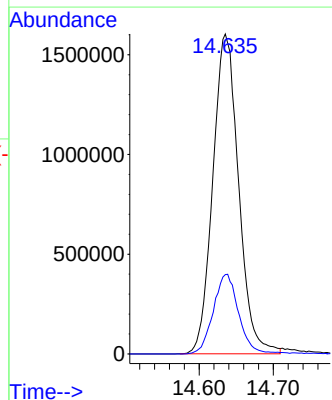
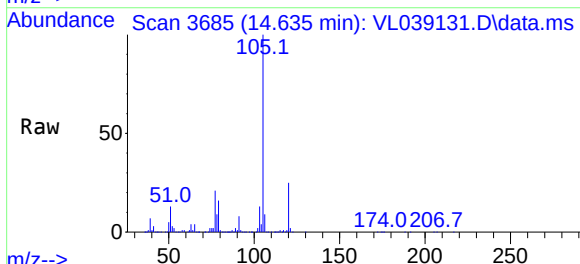
Manual Integrations
APPROVED

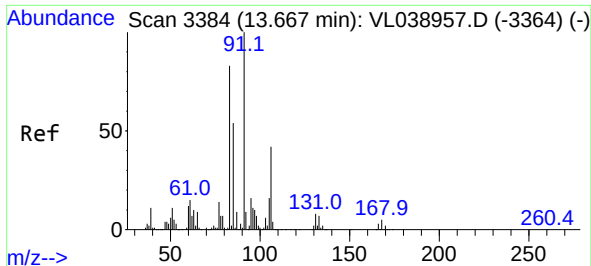
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#62
Isopropylbenzene
Concen: 11.310 ppbv
RT: 14.635 min Scan# 3685
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

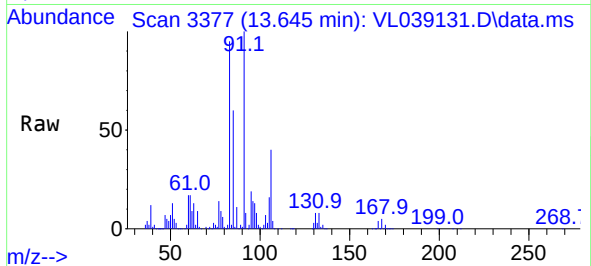
Tgt Ion:105 Resp: 3873653
Ion Ratio Lower Upper
105 100
120 24.8 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 11.047 ppbv
RT: 13.645 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

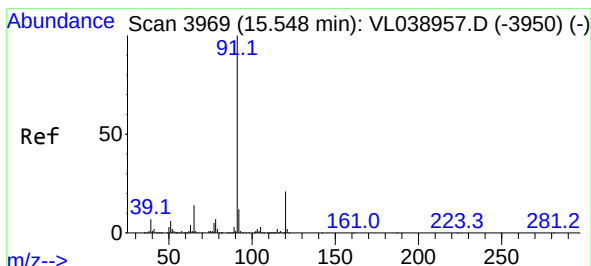
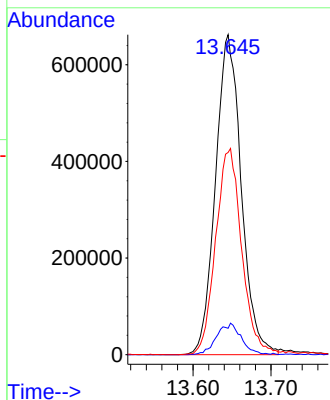
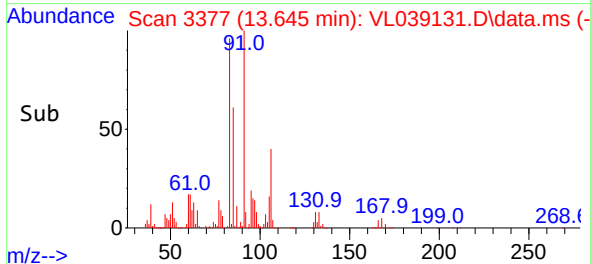
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



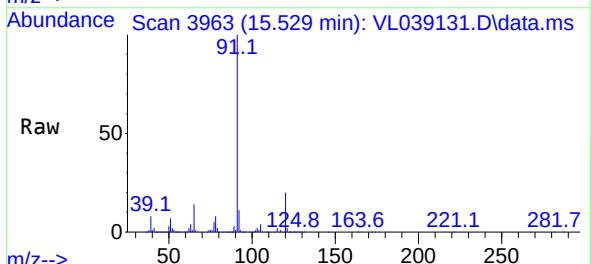
Tgt Ion: 83 Resp: 152349
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.7
85 66.1 32.8 98.3

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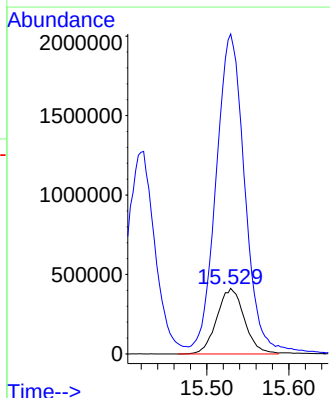
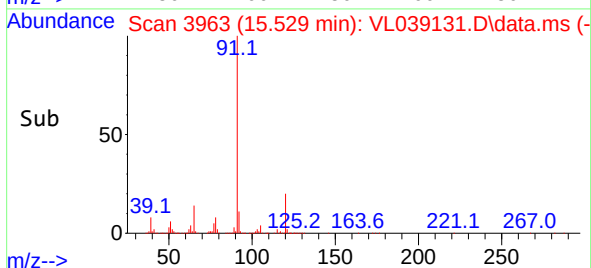
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

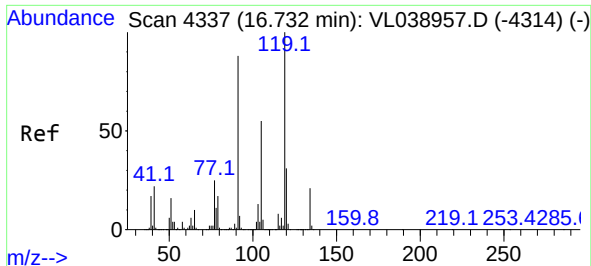


#64
n-propylbenzene
Concen: 11.584 ppbv
RT: 15.529 min Scan# 3963
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion:120 Resp: 959189
Ion Ratio Lower Upper
120 100
91 515.8 400.6 601.0





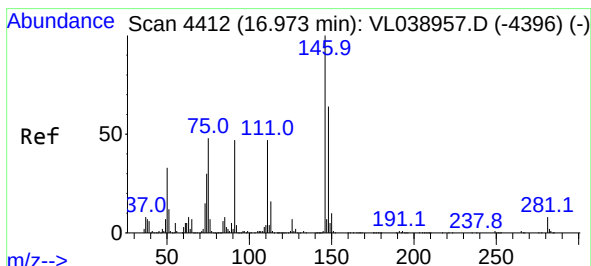
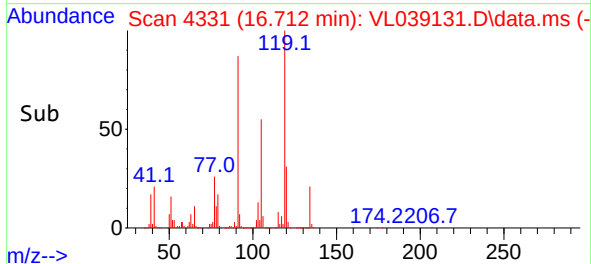
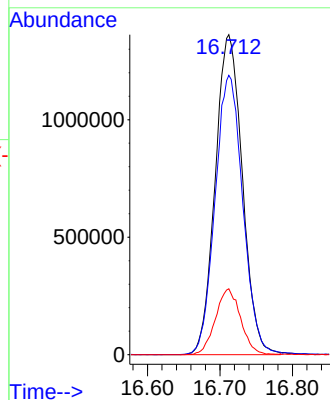
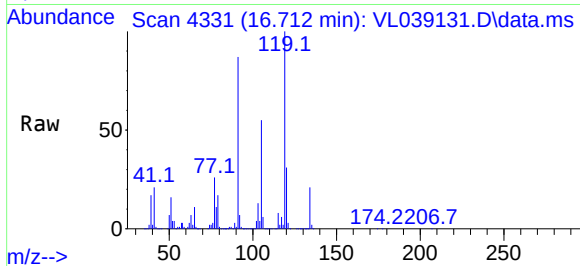
#65
tert-Butylbenzene
Concen: 11.791 ppbv
RT: 16.712 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 119 Resp: 353835
Ion Ratio Lower Upper
119 100
91 89.7 69.4 104.2
134 19.2 15.8 23.8

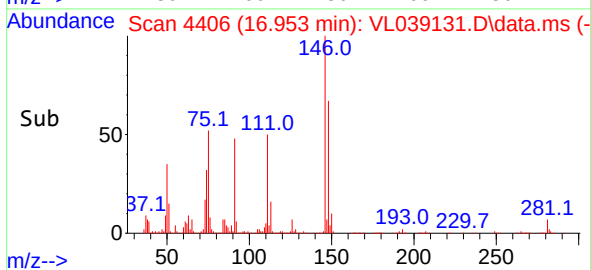
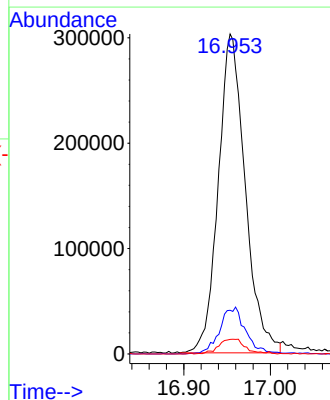
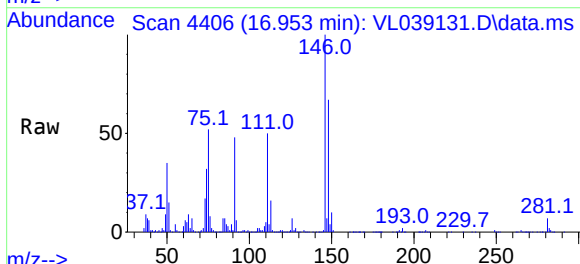
Manual Integrations
APPROVED

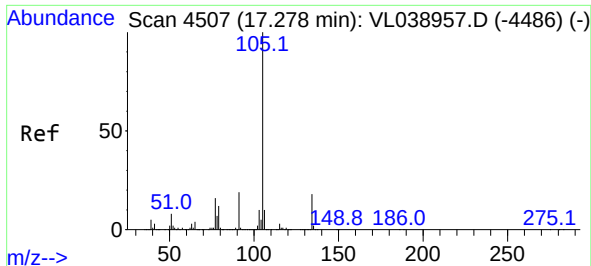
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#66
Benzyl Chloride
Concen: 16.670 ppbv
RT: 16.953 min Scan# 4406
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

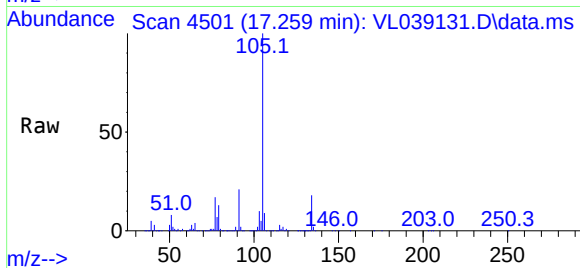
Tgt Ion: 91 Resp: 653928
Ion Ratio Lower Upper
91 100
126 14.5 11.8 17.6
128 4.8 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 11.733 ppbv
 RT: 17.259 min Scan# 41
 Delta R.T. -0.019 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56

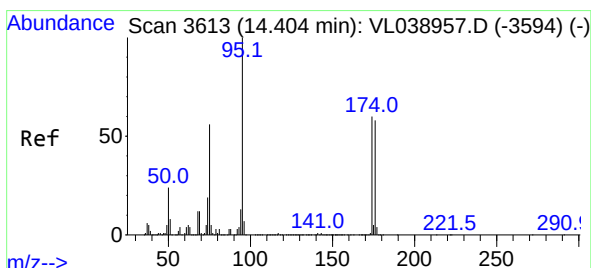
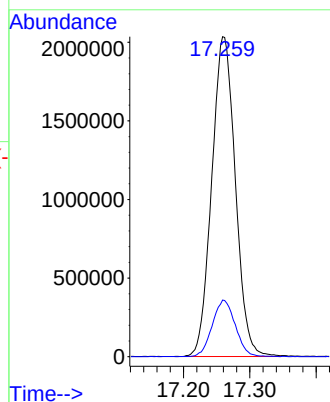
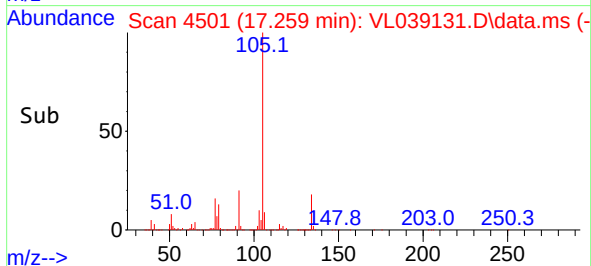
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



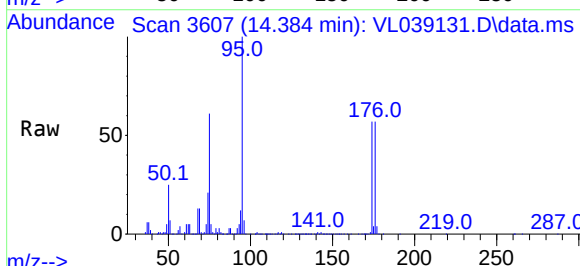
Tgt Ion:105 Resp: 503042
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.2 21.4

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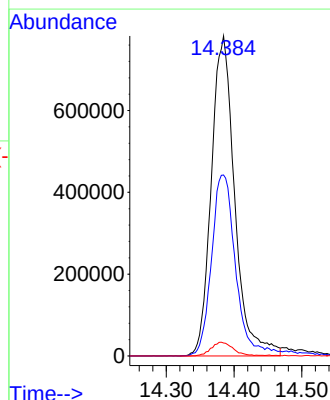
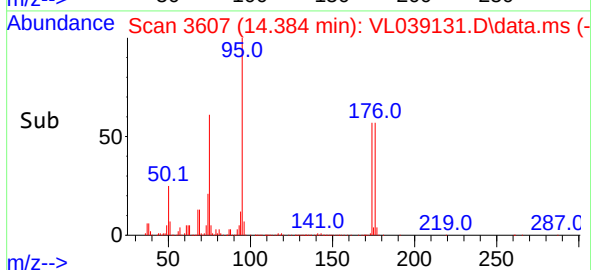
Reviewed By :Semsettin Yesilyurt 05/27/2022
 Supervised By :Mahesh Dadoda 05/27/2022

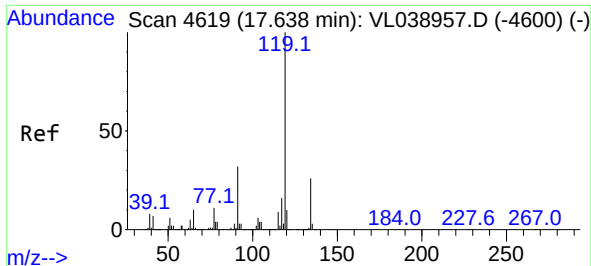


#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.716 ppbv
 RT: 14.384 min Scan# 3607
 Delta R.T. -0.019 min
 Lab File: VL039131.D
 Acq: 26 May 2022 11:56



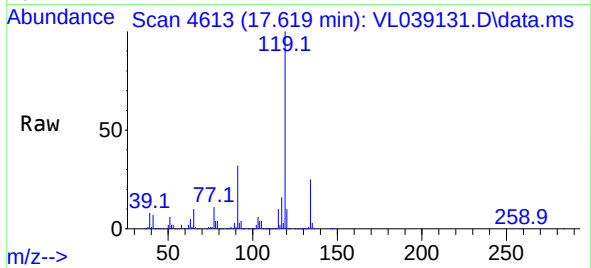
Tgt Ion: 95 Resp: 1879264
 Ion Ratio Lower Upper
 95 100
 174 60.1 50.8 76.2
 175 4.3 3.8 5.6





#69
p-Isopropyltoluene
Concen: 11.942 ppbv
RT: 17.619 min Scan# 4613
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

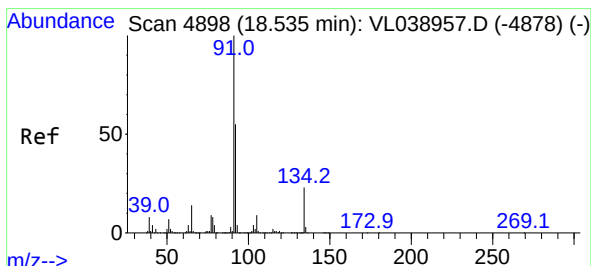
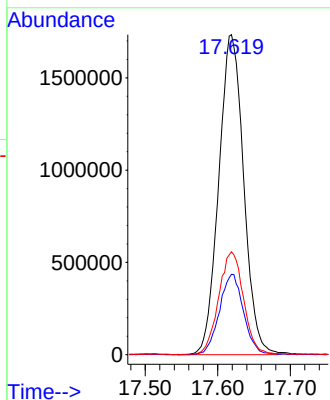
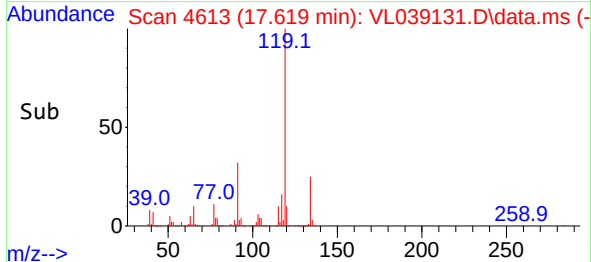
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



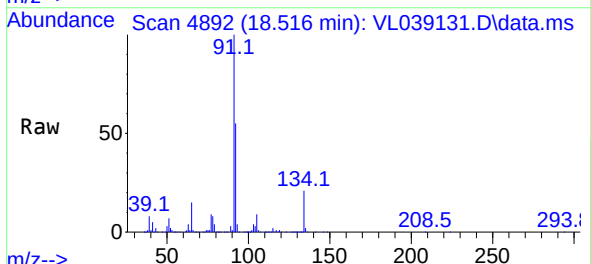
Tgt Ion:119 Resp: 413626
Ion Ratio Lower Upper
119 100
134 24.4 20.0 30.0
91 32.1 24.8 37.2

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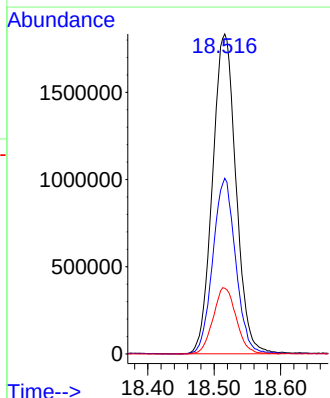
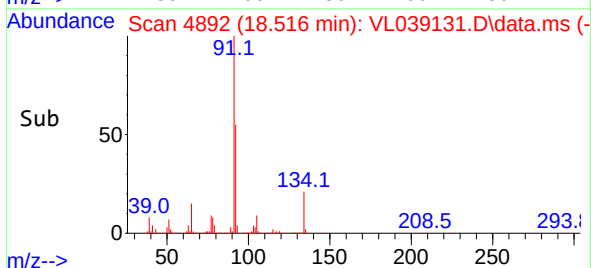
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

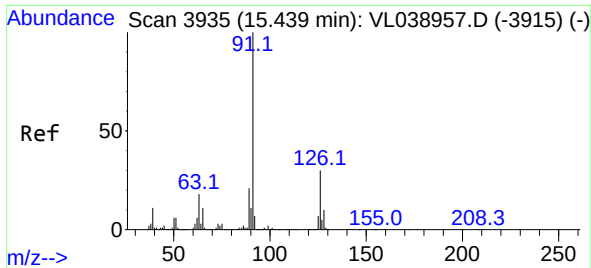


#70
n-Butylbenzene
Concen: 12.234 ppbv
RT: 18.516 min Scan# 4892
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion: 91 Resp: 4502033
Ion Ratio Lower Upper
91 100
92 53.5 43.1 64.7
134 20.5 17.0 25.4





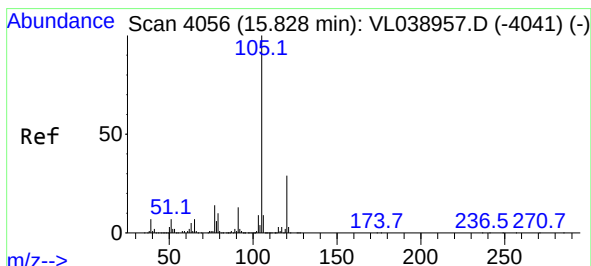
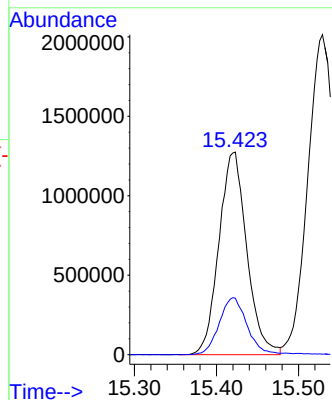
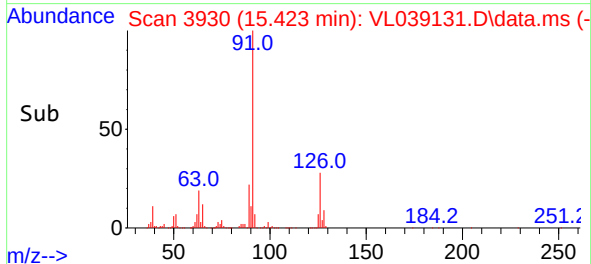
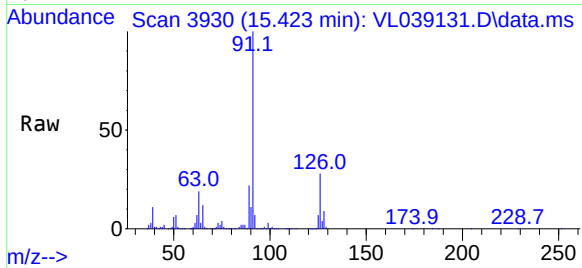
#71
2-Chlorotoluene
Concen: 11.409 ppbv
RT: 15.423 min Scan# 3915
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 301252
Ion Ratio Lower Upper
91 100
126 28.8 11.9 47.5

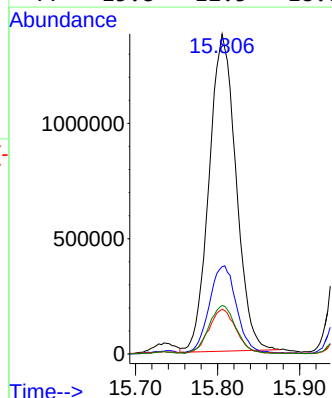
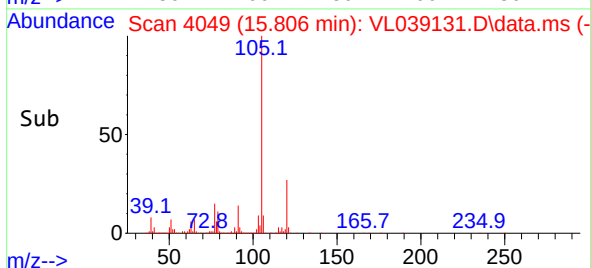
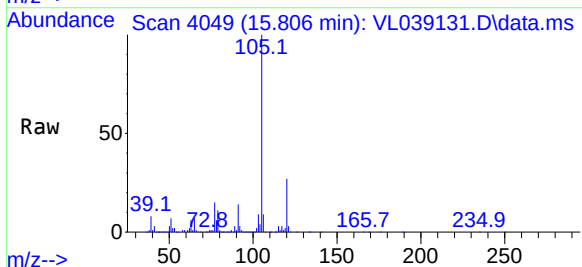
Manual Integrations
APPROVED

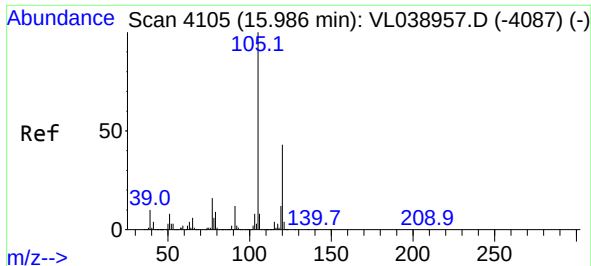
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#72
4-Ethyltoluene
Concen: 11.751 ppbv
RT: 15.806 min Scan# 4049
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

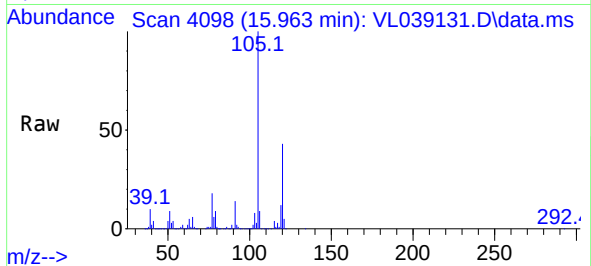
Tgt Ion:105 Resp: 3136291
Ion Ratio Lower Upper
105 100
120 28.8 23.4 35.0
91 14.0 10.6 16.0
77 15.8 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 11.962 ppbv
RT: 15.963 min Scan# 4098
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

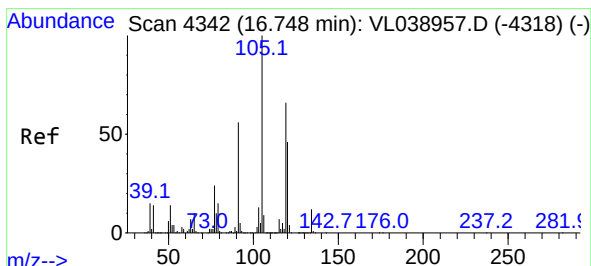
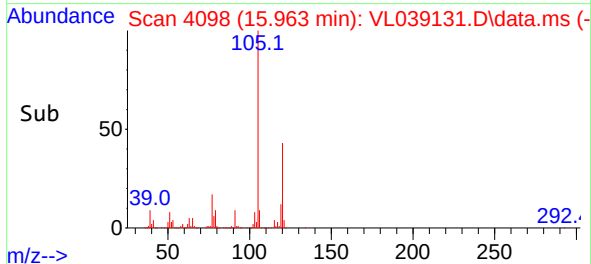
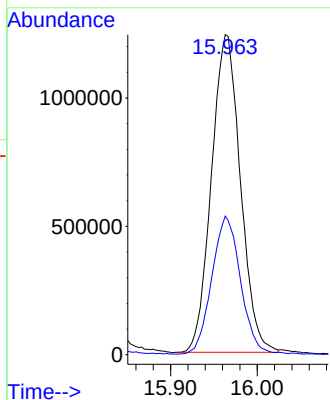
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:105 Resp: 287407
Ion Ratio Lower Upper
105 100
120 43.4 34.4 51.6

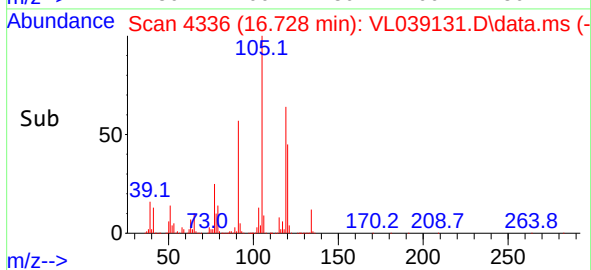
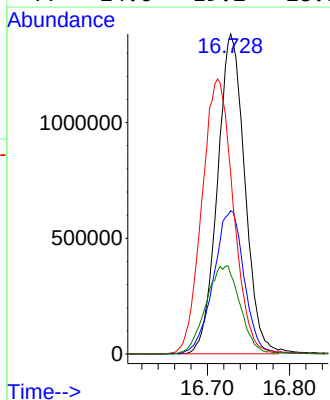
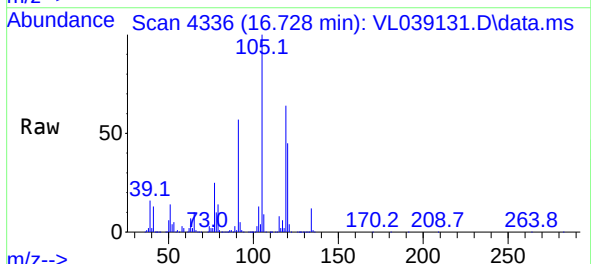
Manual Integrations
APPROVED

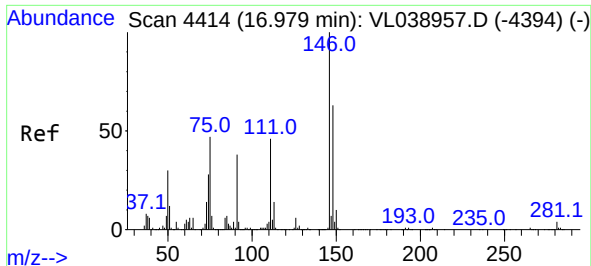
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022



#74
1,2,4-Trimethylbenzene
Concen: 12.143 ppbv
RT: 16.728 min Scan# 4336
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

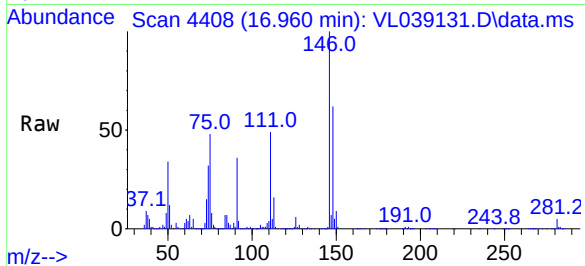
Tgt Ion:105 Resp: 3194575
Ion Ratio Lower Upper
105 100
120 44.7 36.9 55.3
91 56.2 45.0 67.4
77 24.6 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 12.092 ppbv
RT: 16.960 min Scan# 4408
Delta R.T. -0.019 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

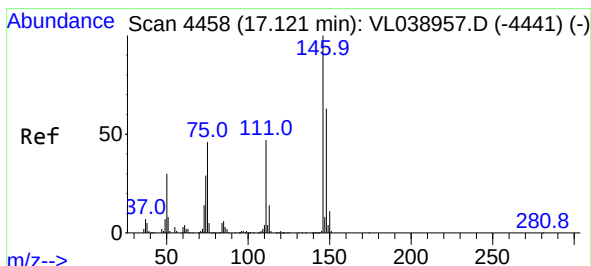
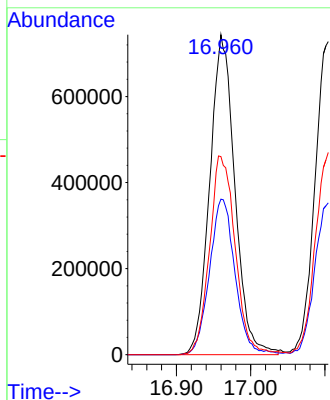
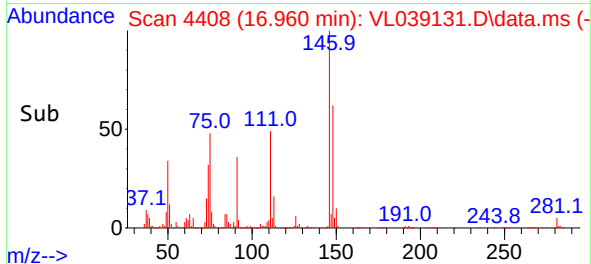
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



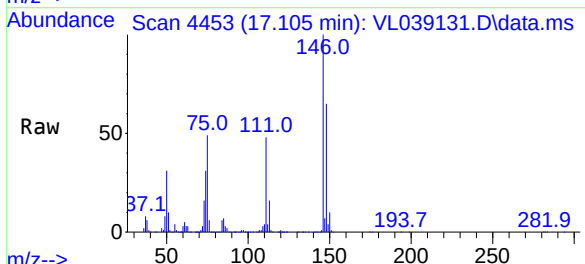
Tgt Ion:146 Resp: 1742920
Ion Ratio Lower Upper
146 100
111 49.6 24.1 72.2
148 63.8 32.4 97.2

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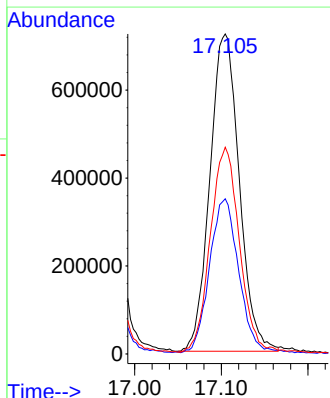
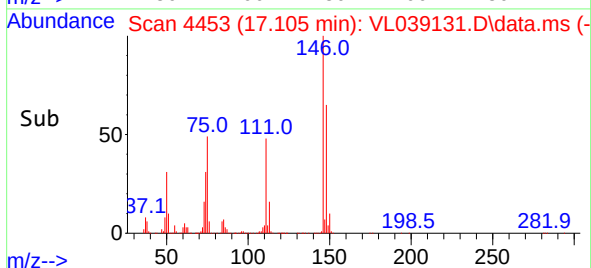
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

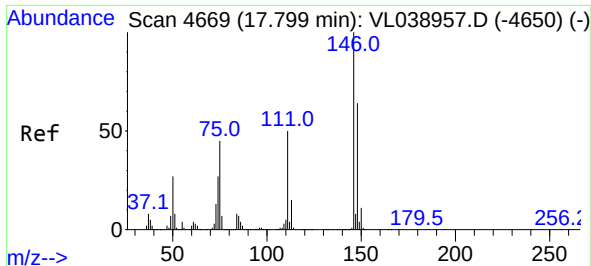


#76
1,4-Dichlorobenzene
Concen: 11.990 ppbv
RT: 17.105 min Scan# 4453
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



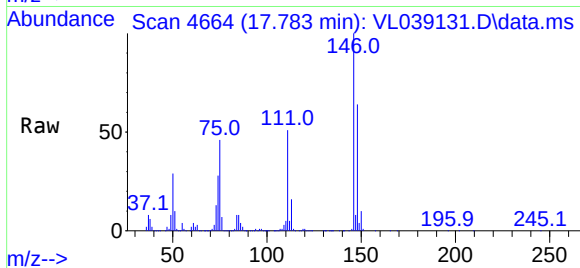
Tgt Ion:146 Resp: 1700215
Ion Ratio Lower Upper
146 100
111 49.4 23.6 71.0
148 65.9 32.2 96.6





#77
1,2-Dichlorobenzene
Concen: 11.850 ppbv
RT: 17.783 min Scan# 4664
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

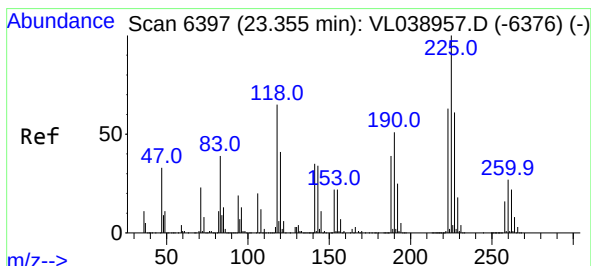
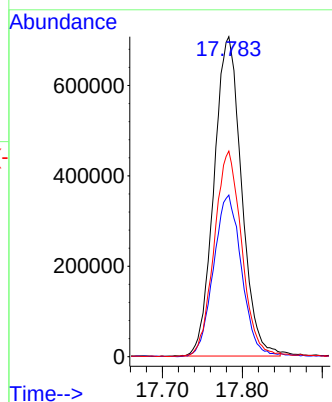
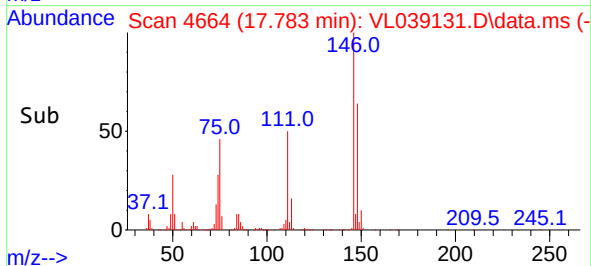
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



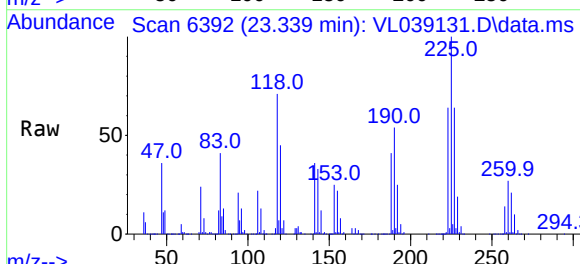
Tgt Ion:146 Resp: 168939
Ion Ratio Lower Upper
146 100
111 51.8 25.3 75.9
148 65.0 32.3 96.9

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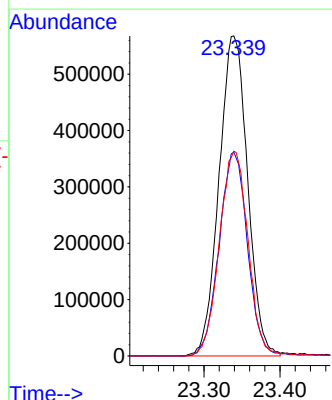
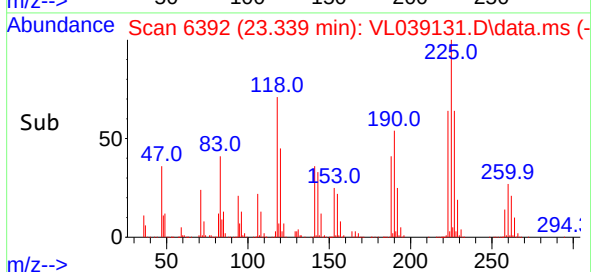
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

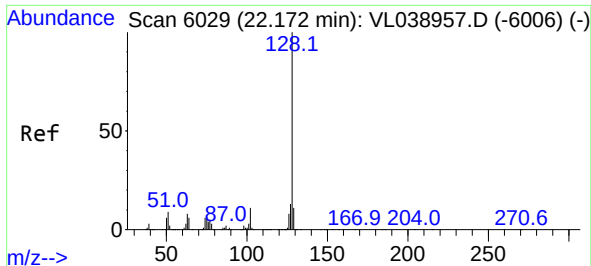


#78
Hexachloro-1,3-Butadiene
Concen: 11.319 ppbv
RT: 23.339 min Scan# 6392
Delta R.T. -0.016 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



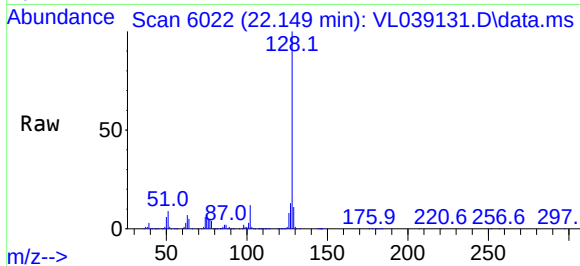
Tgt Ion:225 Resp: 1482956
Ion Ratio Lower Upper
225 100
223 63.6 51.4 77.0
227 64.4 51.4 77.0





#79
Naphthalene
Concen: 13.158 ppbv
RT: 22.149 min Scan# 6029
Delta R.T. -0.022 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56

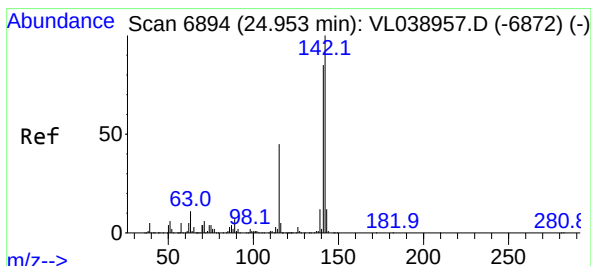
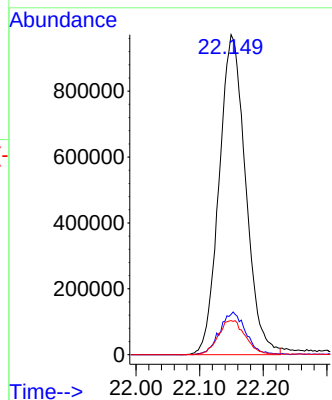
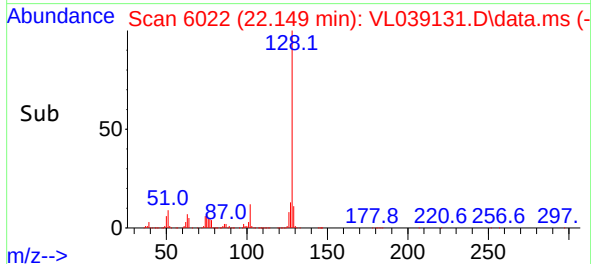
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



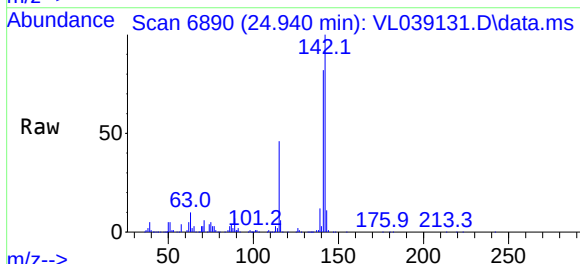
Tgt Ion:128 Resp: 281192
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.6 8.9 13.3

Manual Integrations
APPROVED

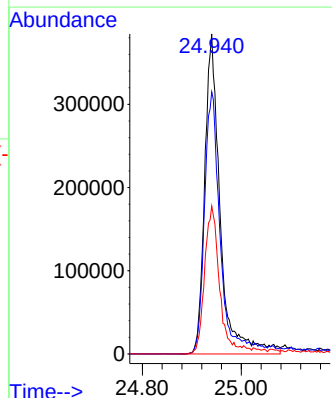
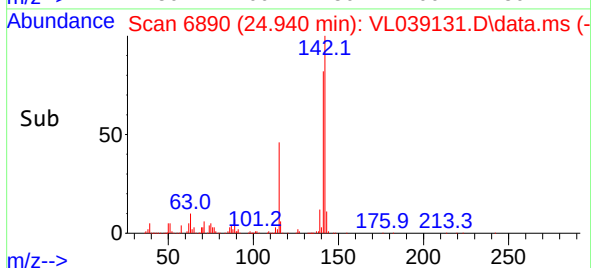
Reviewed By :Semsettin Yesilyurt 05/27/2022
Supervised By :Mahesh Dadoda 05/27/2022

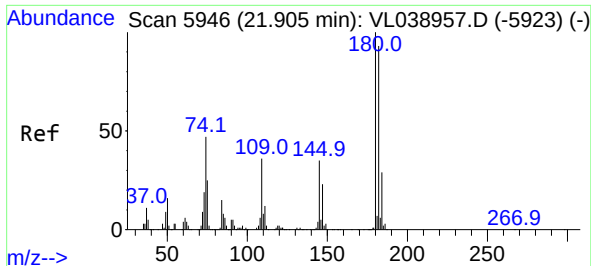


#80
Naphthalene,2-methyl-
Concen: 12.954 ppbv
RT: 24.940 min Scan# 6890
Delta R.T. -0.013 min
Lab File: VL039131.D
Acq: 26 May 2022 11:56



Tgt Ion:142 Resp: 837423
Ion Ratio Lower Upper
142 100
141 87.2 70.8 106.2
115 45.6 35.1 52.7





#81

1,2,4-Trichlorobenzene

Concen: 12.048 ppbv m

RT: 21.882 min Scan# 5939

Delta R.T. -0.022 min

Lab File: VL039131.D

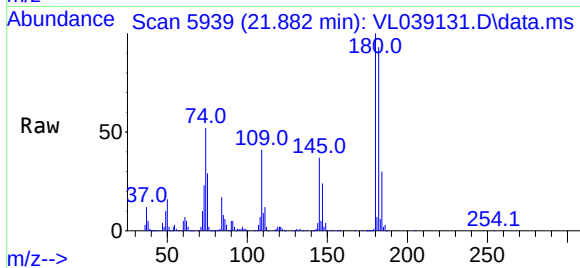
Acq: 26 May 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1508614

Ion Ratio Lower Upper

180 100

182 97.7 78.4 117.6

184 30.5 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/27/2022

Supervised By :Mahesh Dadoda 05/27/2022

