

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
 Data File : VL038914.D
 Acq On : 14 Apr 2022 9:42
 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 04/14/2022
 Supervised By : Mahesh Dadoda 04/18/2022

Quant Time: Apr 14 10:11:57 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1091105	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.192	114	2709691	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.102	117	2550753m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.433 95 2073749 10.718 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1378378	8.906	ppbv	100
3) Chlorodifluoromethane	3.002	51	1355750	10.181	ppbv	93
4) Chloromethane	3.153	50	688631	9.987	ppbv	94
5) Vinyl Chloride	3.272	62	659278	10.348	ppbv	97
6) Bromomethane	3.485	94	333689	10.825	ppbv	94
7) Chloroethane	3.575	64	228131	10.738	ppbv	93
8) Dichlorotetrafluoroethane	3.202	85	1578196	10.916	ppbv	94
9) Propene	3.025	41	569074	8.077	ppbv	93
10) Heptane	8.137	43	1464321	8.252	ppbv	96
11) Trichlorofluoromethane	3.964	101	1499058	12.054	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.501	101	1075284	11.288	ppbv	92
13) Ethanol	3.623	45	37742	8.815	ppbv #	100
14) Bromoethene	3.751	108	453791	10.832	ppbv	97
15) Acetone	3.861	43	1174436	10.811	ppbv	97
16) 1,3-Butadiene	3.340	39	611446	9.846	ppbv	98
17) tert-Butyl alcohol	4.295	59	889282	9.129	ppbv	99
18) 1,1-Dichloroethene	4.304	96	476078	10.963	ppbv	93
19) Isopropyl Alcohol	3.973	45	616134	11.097	ppbv #	100
20) Methylene Chloride	4.359	84	388553	9.863	ppbv	94
21) Allyl Chloride	4.427	41	761048	9.357	ppbv	95
22) trans-1,2-Dichloroethene	4.902	96	501476	11.406	ppbv	97
23) Vinyl Acetate	5.086	43	1071943	10.133	ppbv	98
24) 1,1-Dichloroethane	5.025	63	990825	10.364	ppbv	99
25) Ethyl Acetate	5.693	43	2570739	9.327	ppbv	99
26) Hexane	5.703	57	1121139	8.936	ppbv	99
27) Carbon Disulfide	4.565	76	1217150	10.579	ppbv	99
28) Methyl tert-Butyl Ether	5.047	73	922657	9.522	ppbv	98
29) Chloroform	5.767	83	1856088	10.574	ppbv	98
30) Cyclohexane	7.147	84	916646	8.290	ppbv	99
31) cis-1,2-Dichloroethene	5.562	61	1185698	10.278	ppbv	92
32) 1,1,1-Trichloroethane	6.526	97	1852906	10.477	ppbv	97
34) 2-Butanone	5.256	43	1439440	13.444	ppbv	98
35) Carbon Tetrachloride	7.034	117	1928376	11.871	ppbv	98
36) Benzene	6.906	78	2270011	9.209	ppbv	95
37) 1,2-Dichloroethane	6.320	62	1522162	13.506	ppbv #	93
38) Trichloroethene	7.854	130	919235	9.088	ppbv	94
39) 1,2-Dichloropropane	7.632	63	902154	9.568	ppbv	91
40) 1,4-Dioxane	7.848	88	236104	7.374	ppbv #	20
41) Tetrahydrofuran	6.063	42	926464	9.111	ppbv	98
42) Bromodichloromethane	7.806	83	2088091	11.733	ppbv	98
43) Methyl Methacrylate	8.024	69	952631	10.090	ppbv	95
44) 2,2,4-Trimethylpentane	7.886	57	3911030	9.371	ppbv	98
45) t-1,3-Dichloropropene	9.295	75	1057117	10.708	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

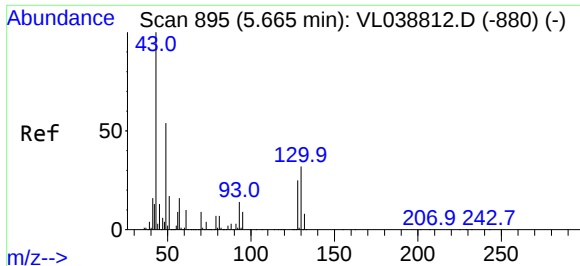
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

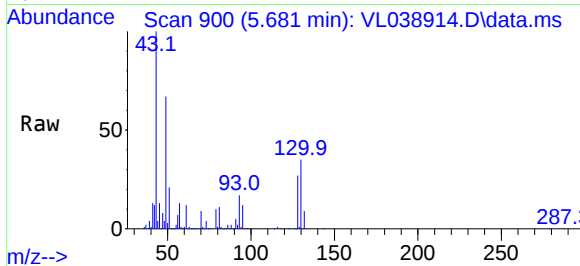
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1318534	10.130	ppbv	95
47) 1,1,2-Trichloroethane	9.491	97	924536	9.570	ppbv	98
48) Dibromochloromethane	10.317	129	1659295	10.958	ppbv	99
49) Bromoform	13.056	173	1306368	10.893	ppbv	99
50) 4-Methyl-2-Pentanone	8.754	43	2372037	9.849	ppbv	99
51) 2-Hexanone	10.143	43	1808513	9.966	ppbv #	99
52) Tetrachloroethene	11.240	164	783188	9.096	ppbv	99
53) Toluene	9.819	91	2610246	9.173	ppbv	98
54) 1,2-Dibromoethane	10.626	107	1370457	10.212	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.143	131	1096491	9.809	ppbv #	91
57) Chlorobenzene	12.163	112	1843184	8.823	ppbv	94
58) Ethyl Benzene	12.725	91	3578984	9.390	ppbv	94
59) m/p-Xylene	13.011	91	6190518m	19.332	ppbv	
60) o-Xylene	13.706	91	2904778	9.694	ppbv	94
61) Styrene	13.542	104	1658135	9.083	ppbv	95
62) Isopropylbenzene	14.680	105	4062237	9.032	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.693	83	1793332	9.449	ppbv	100
64) n-propylbenzene	15.577	120	1026114	8.787	ppbv	70
65) tert-Butylbenzene	16.760	119	3614019	9.057	ppbv	91
66) Benzyl Chloride	17.002	91	529326	6.516	ppbv #	93
67) sec-Butylbenzene	17.307	105	5200196	9.287	ppbv	97
69) p-Isopropyltoluene	17.664	119	4304849	9.363	ppbv	96
70) n-Butylbenzene	18.561	91	4777124	10.314	ppbv	96
71) 2-Chlorotoluene	15.468	91	3169902	9.373	ppbv	96
72) 4-Ethyltoluene	15.854	105	3551982	9.927	ppbv	96
73) 1,3,5-Trimethylbenzene	16.008	105	3098029	9.638	ppbv	94
74) 1,2,4-Trimethylbenzene	16.777	105	3321295	9.775	ppbv	92
75) 1,3-Dichlorobenzene	17.008	146	1851457	9.385	ppbv	99
76) 1,4-Dichlorobenzene	17.153	146	1784368	9.182	ppbv	98
77) 1,2-Dichlorobenzene	17.828	146	1748889	8.993	ppbv	97
78) Hexachloro-1,3-Butadiene	23.384	225	1327023m	8.636	ppbv	
79) Naphthalene	22.207	128	2588860	10.185	ppbv	98
80) Naphthalene,2-methyl-	24.979	142	716939	11.447	ppbv	94
81) 1,2,4-Trichlorobenzene	21.944	180	1470757m	9.887	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

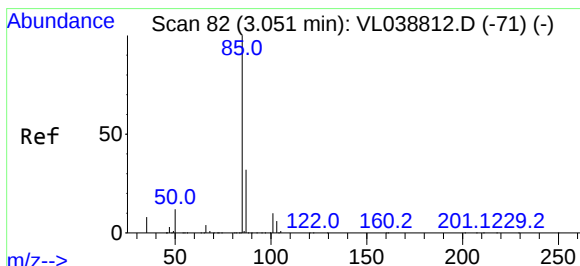
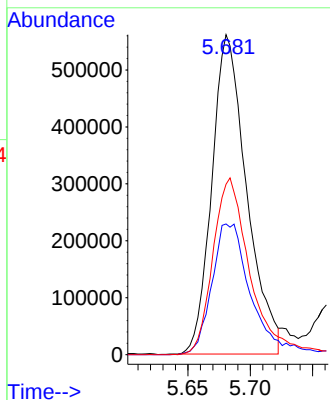
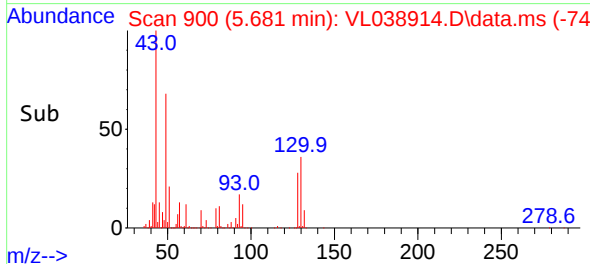
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



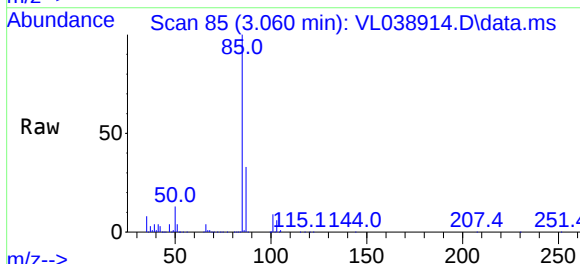
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Ion Ratio Lower Upper
49 100
128 46.9 24.1 72.3
130 59.9 30.9 92.8

Manual Integrations
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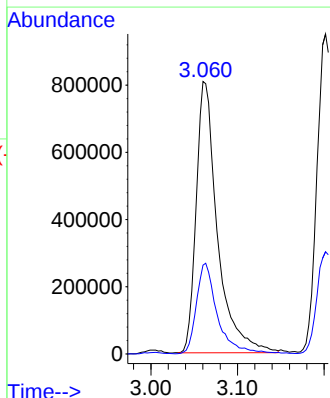
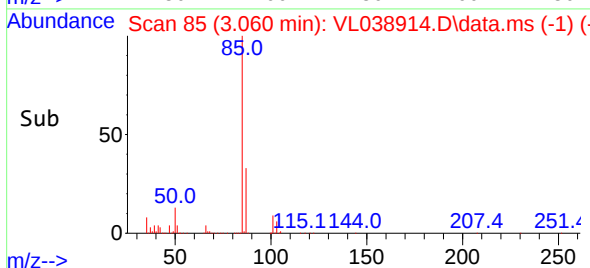
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

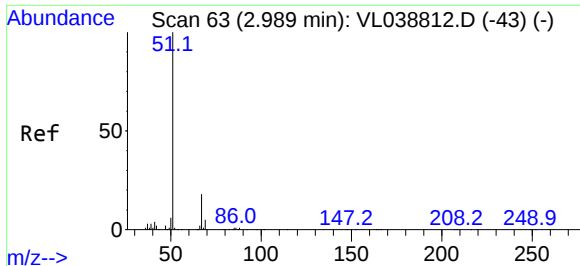


#2
Dichlorodifluoromethane
Concen: 8.906 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.010 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion: 85 Resp: 1378378
Ion Ratio Lower Upper
85 100
87 32.6 25.9 38.9





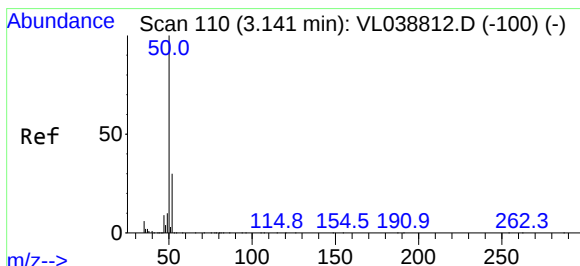
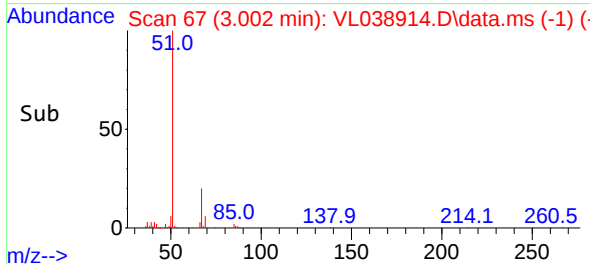
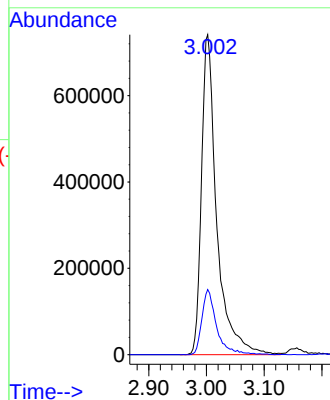
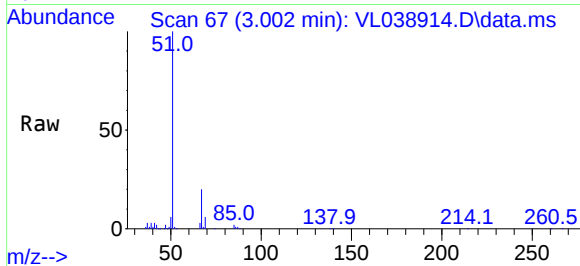
#3
Chlorodifluoromethane
Concen: 10.181 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1355750
Ion Ratio Lower Upper
51 100
67 19.8 13.4 20.0

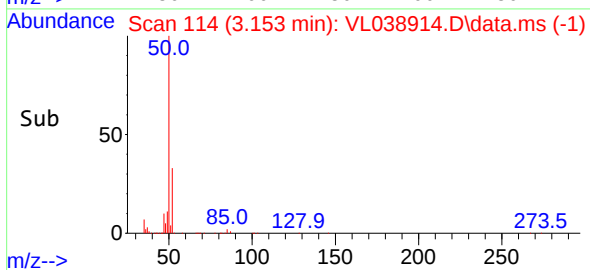
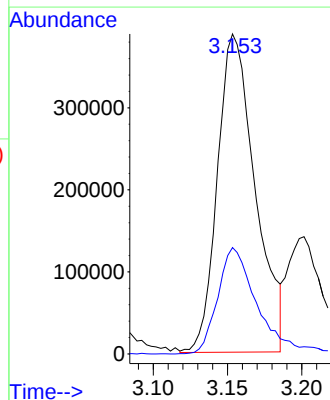
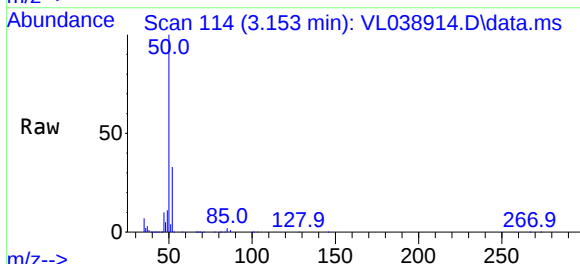
Manual Integrations
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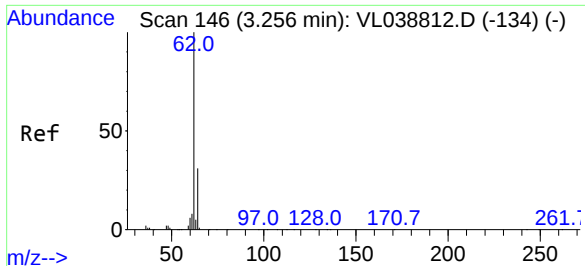
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#4
Chloromethane
Concen: 9.987 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

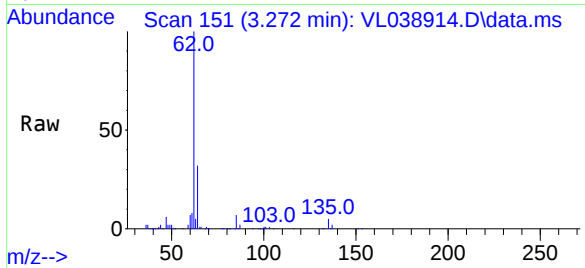
Tgt Ion: 50 Resp: 688631
Ion Ratio Lower Upper
50 100
52 33.5 24.3 36.5





#5
 Vinyl Chloride
 Concen: 10.348 ppbv
 RT: 3.272 min Scan# 11
 Delta R.T. 0.016 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42

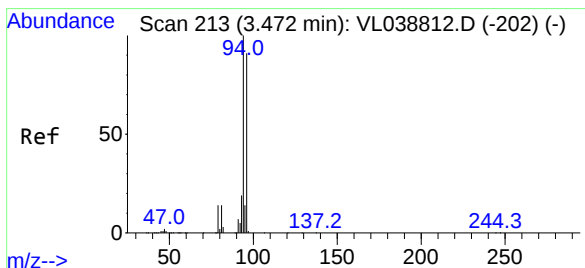
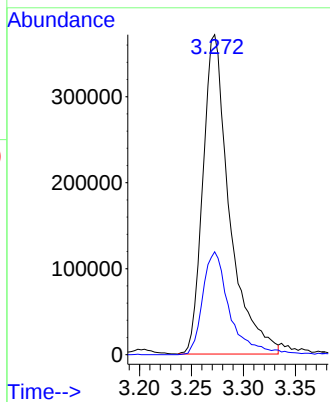
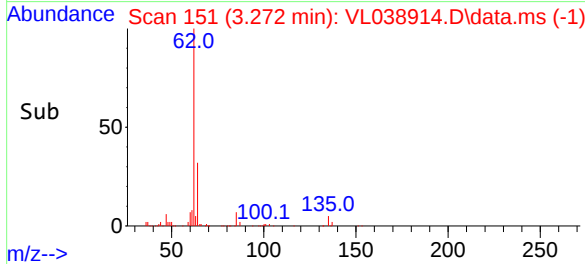
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 659278
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.6 37.0

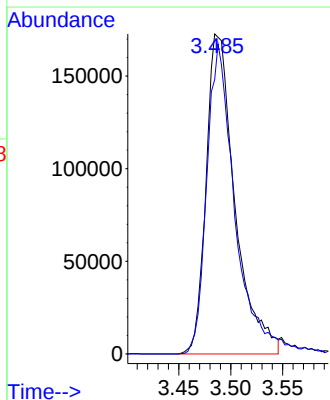
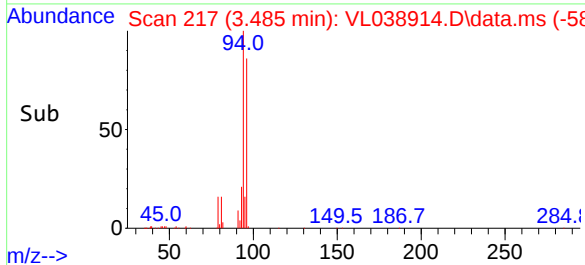
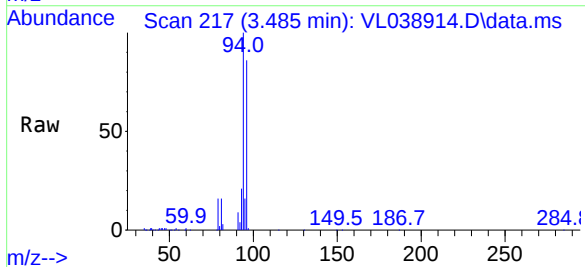
Manual Integrations
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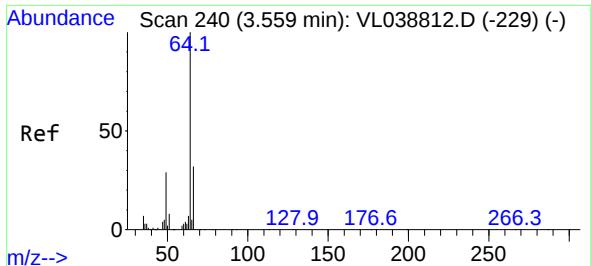
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#6
 Bromomethane
 Concen: 10.825 ppbv
 RT: 3.485 min Scan# 217
 Delta R.T. 0.013 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42

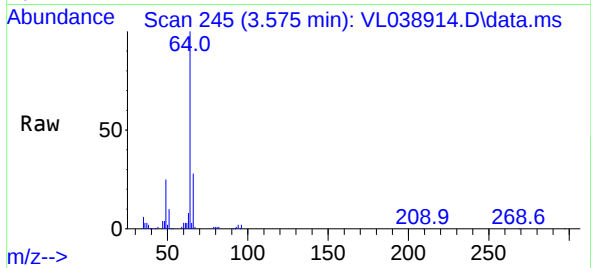
Tgt Ion: 94 Resp: 333689
 Ion Ratio Lower Upper
 94 100
 96 85.8 73.2 109.8





#7
Chloroethane
Concen: 10.738 ppbv
RT: 3.575 min Scan# 240
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

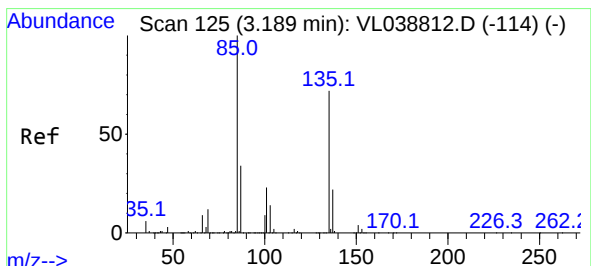
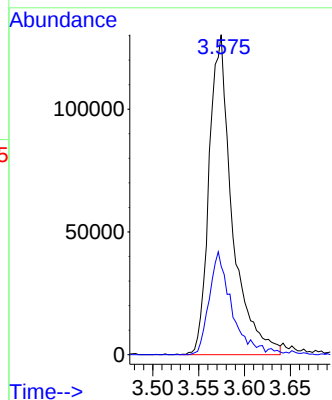
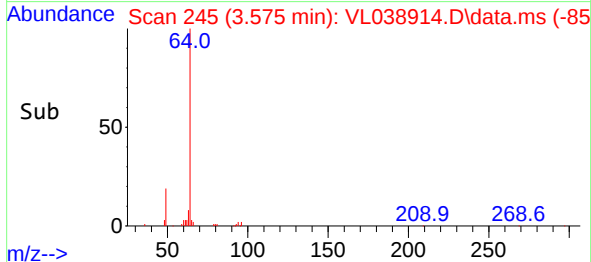
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 22813
Ion Ratio Lower Upper
64 100
66 27.7 25.4 38.2

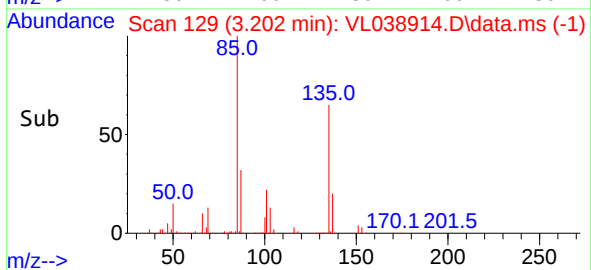
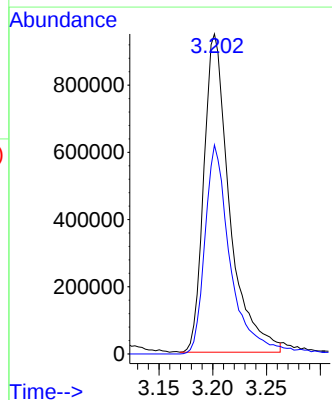
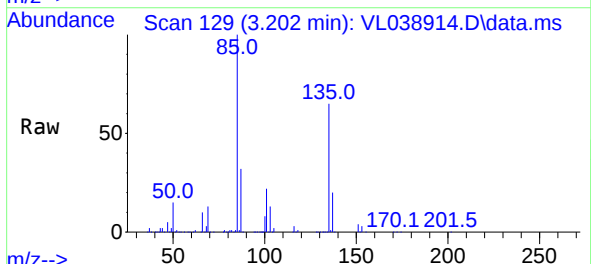
Manual Integrations
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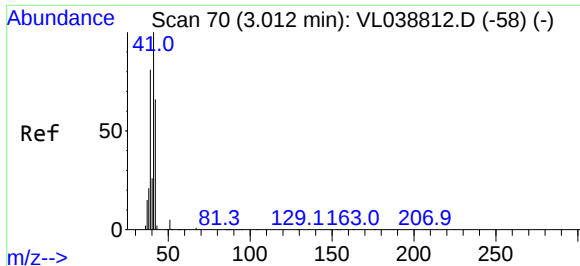
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#8
Dichlorotetrafluoroethane
Concen: 10.916 ppbv
RT: 3.202 min Scan# 129
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

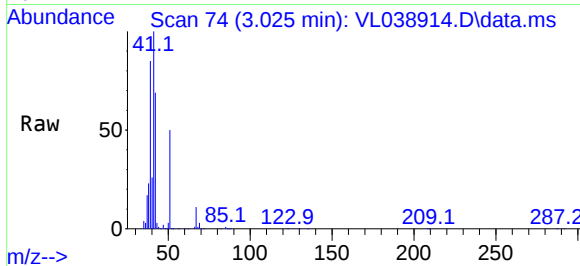
Tgt Ion: 85 Resp: 1578196
Ion Ratio Lower Upper
85 100
135 66.6 57.0 85.6





#9
Propene
Concen: 8.077 ppbv
RT: 3.025 min Scan# 74
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

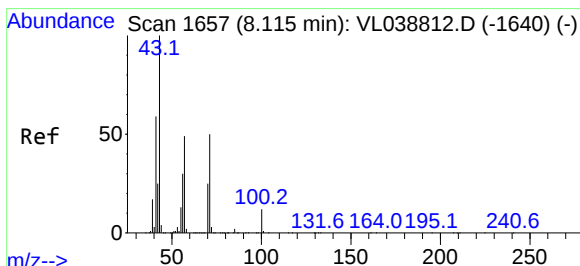
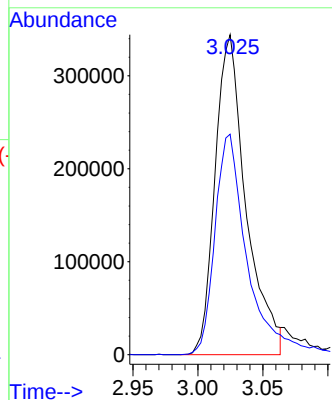
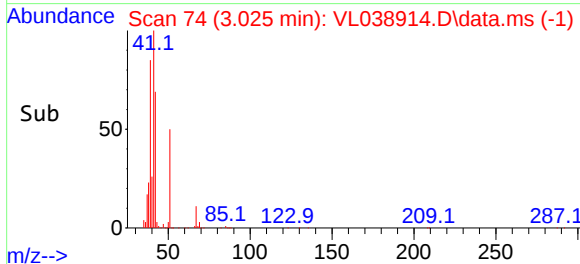
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



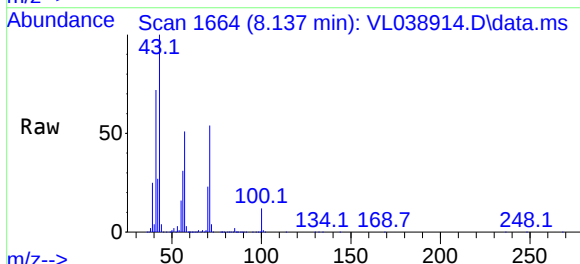
Tgt Ion: 41 Resp: 569074
Ion Ratio Lower Upper
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Manual Integrations
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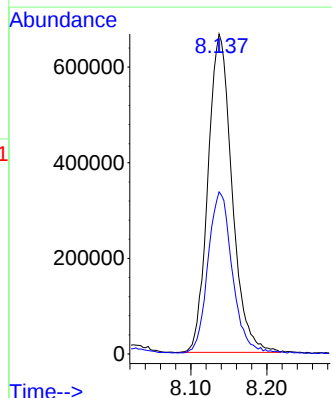
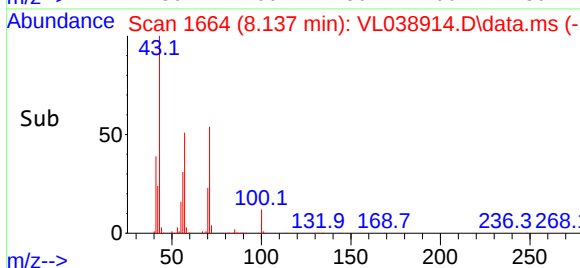
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

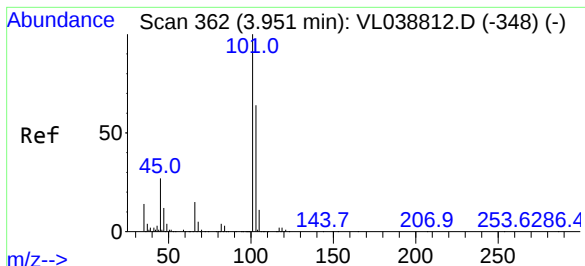


#10
Heptane
Concen: 8.252 ppbv
RT: 8.137 min Scan# 1664
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



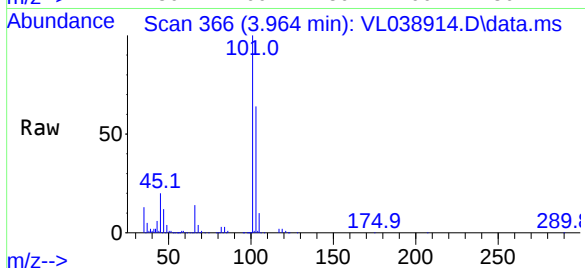
Tgt Ion: 43 Resp: 1464321
Ion Ratio Lower Upper
43 100
57 51.6 39.3 58.9





#11
Trichlorofluoromethane
Concen: 12.054 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

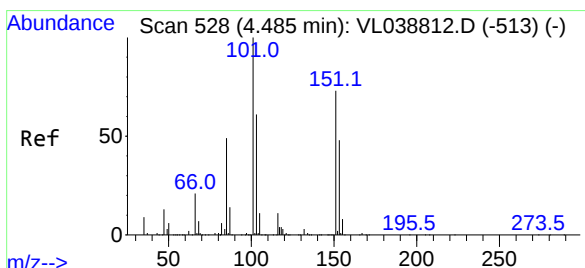
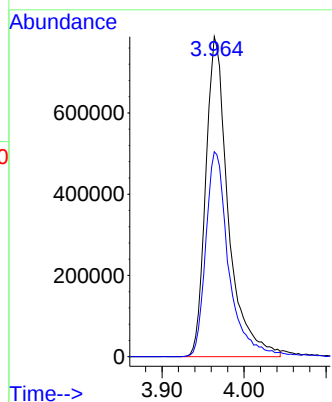
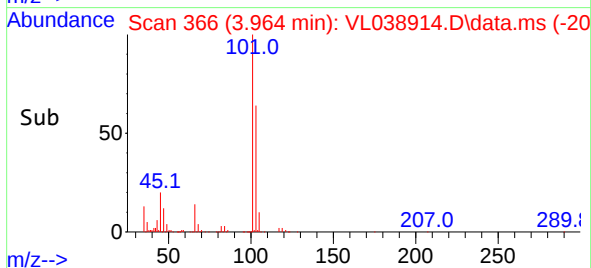
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1499058
Ion Ratio Lower Upper
101 100
103 64.1 51.4 77.0

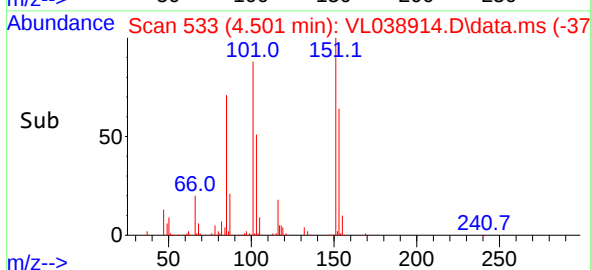
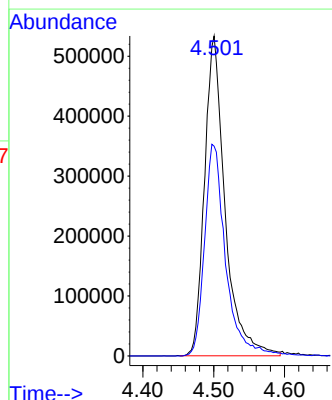
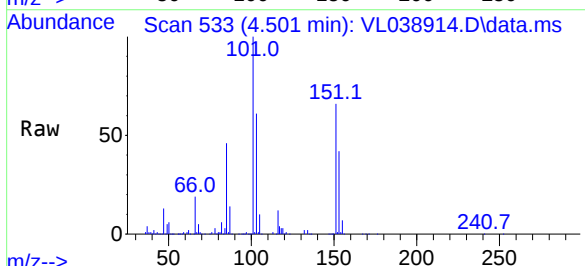
Manual Integrations
APPROVED

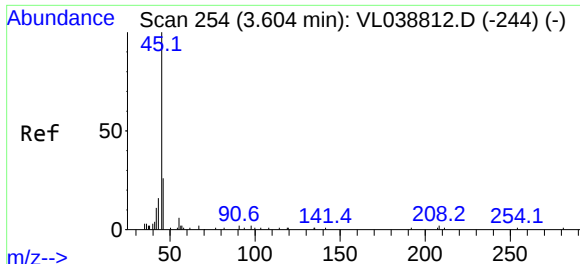
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.288 ppbv
RT: 4.501 min Scan# 533
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

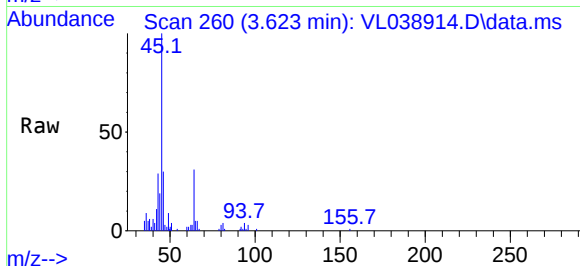
Tgt Ion:101 Resp: 1075284
Ion Ratio Lower Upper
101 100
151 68.4 59.9 89.9





#13
Ethanol
Concen: 8.815 ppbv
RT: 3.623 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

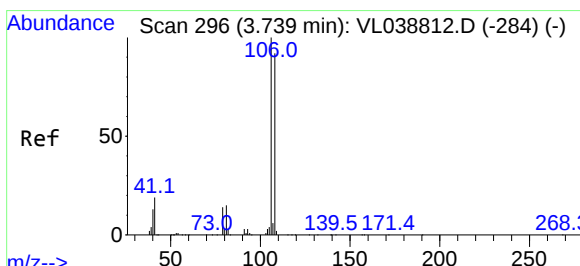
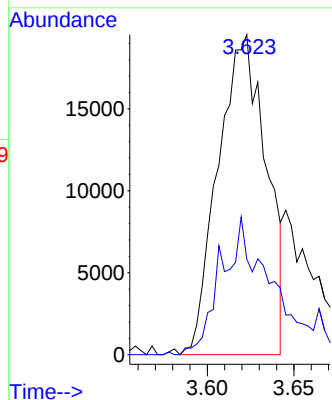
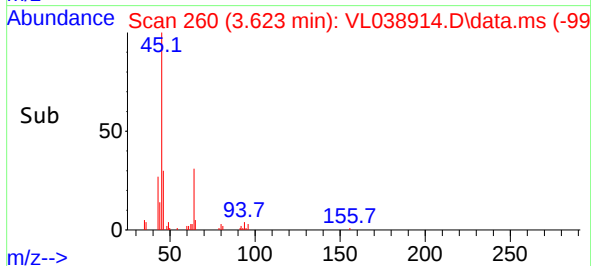
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



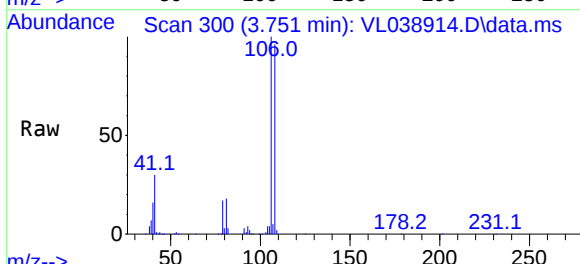
Tgt Ion: 45 Resp: 3774
Ion Ratio Lower Upper
45 100
46 48.0 0.0 0.0

Manual Integrations
APPROVED

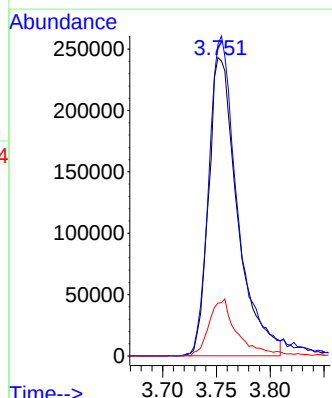
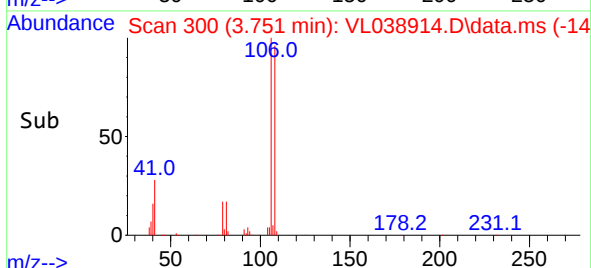
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

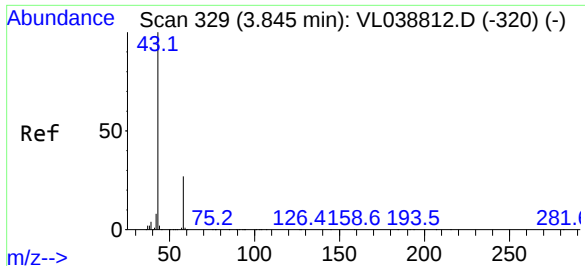


#14
Bromoethene
Concen: 10.832 ppbv
RT: 3.751 min Scan# 300
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



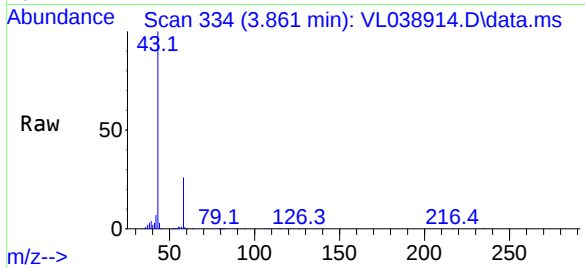
Tgt Ion:108 Resp: 453791
Ion Ratio Lower Upper
108 100
106 111.1 91.5 137.3
79 19.3 13.7 20.5





#15
Acetone
Concen: 10.811 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

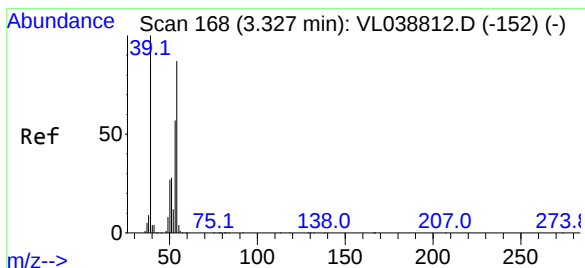
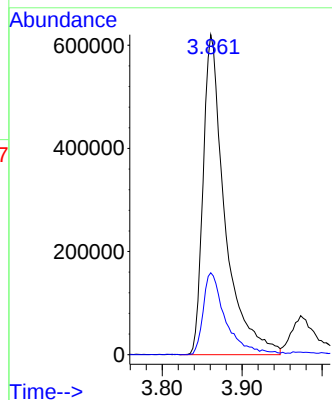
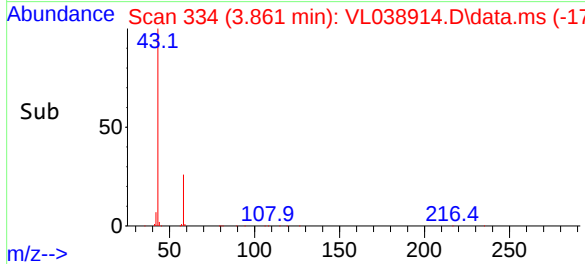
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1174430
Ion Ratio Lower Upper
43 100
58 26.6 22.5 33.7

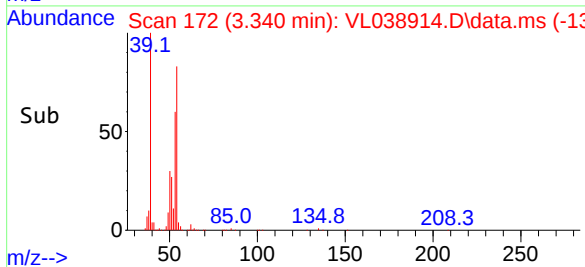
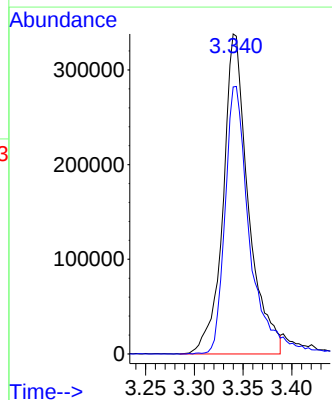
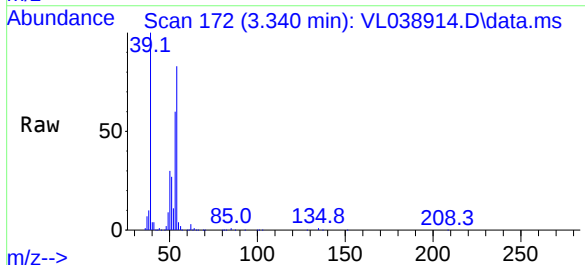
Manual Integrations
APPROVED

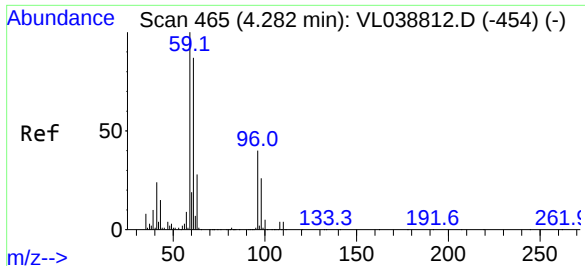
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#16
1,3-Butadiene
Concen: 9.846 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Tgt Ion: 39 Resp: 611446
Ion Ratio Lower Upper
39 100
54 82.9 64.8 97.2





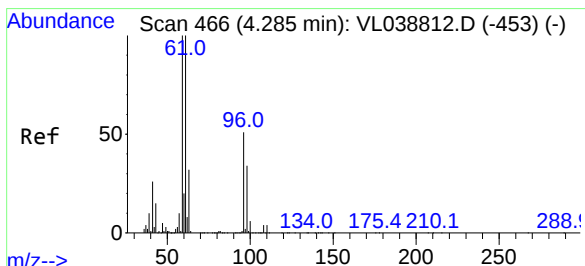
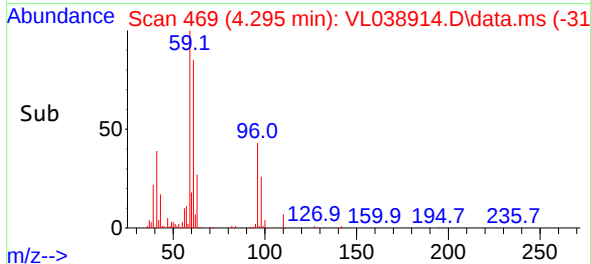
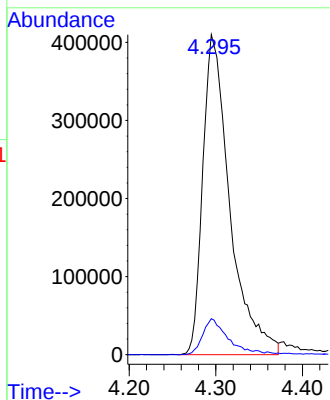
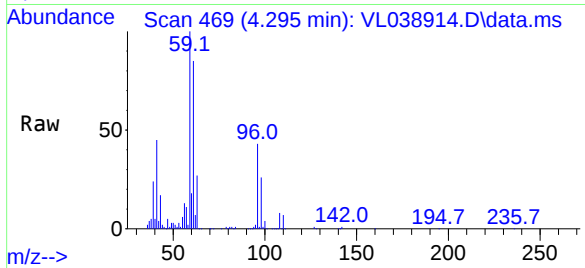
#17
tert-Butyl alcohol
Concen: 9.129 ppbv
RT: 4.295 min Scan# 409
Delta R.T. 0.013 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 88928
Ion Ratio Lower Upper
59 100
57 11.0 8.5 12.7

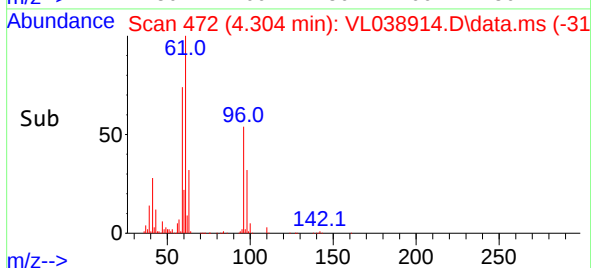
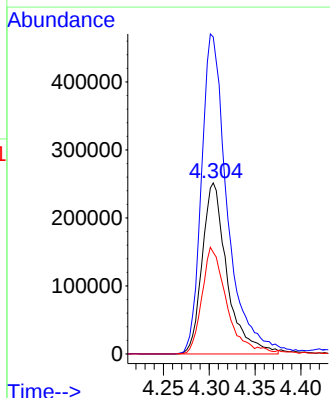
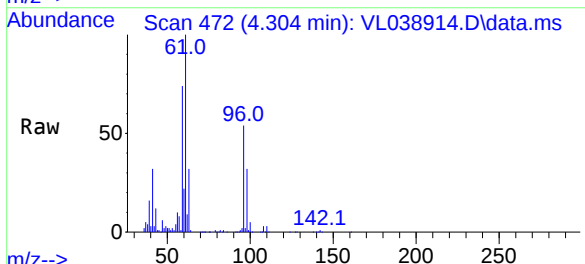
Manual Integrations
APPROVED

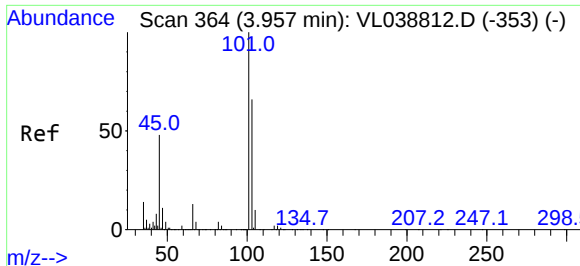
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#18
1,1-Dichloroethene
Concen: 10.963 ppbv
RT: 4.304 min Scan# 472
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

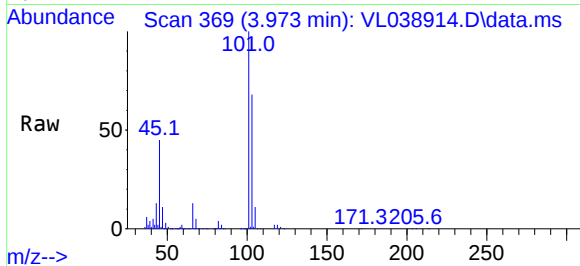
Tgt Ion: 96 Resp: 476078
Ion Ratio Lower Upper
96 100
61 184.9 156.1 234.1
98 59.2 53.0 79.6





#19
Isopropyl Alcohol
Concen: 11.097 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

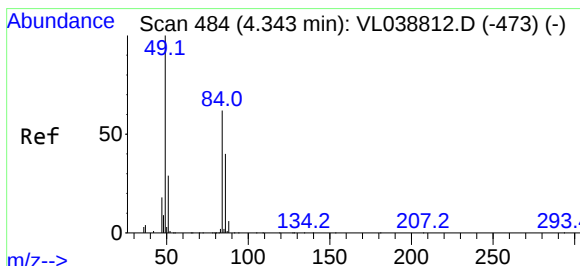
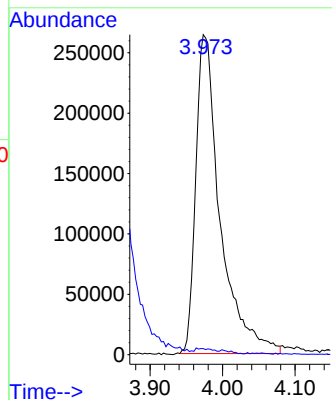
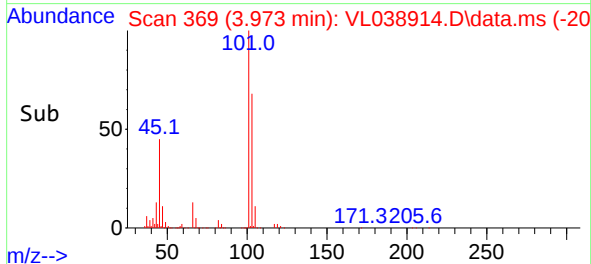
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



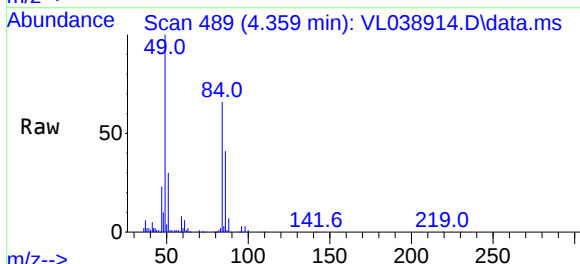
Tgt Ion: 45 Resp: 616134
Ion Ratio Lower Upper
45 100
58 1.8 0.0 0.0

Manual Integrations
APPROVED

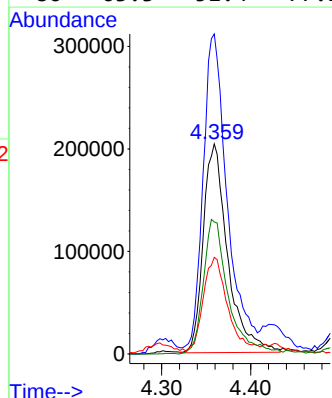
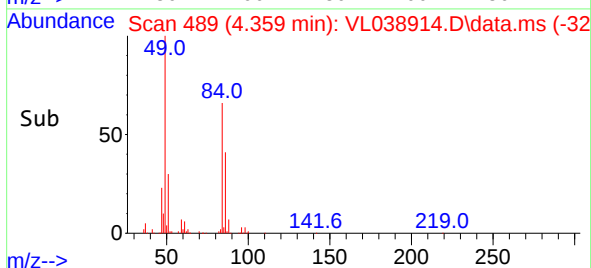
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

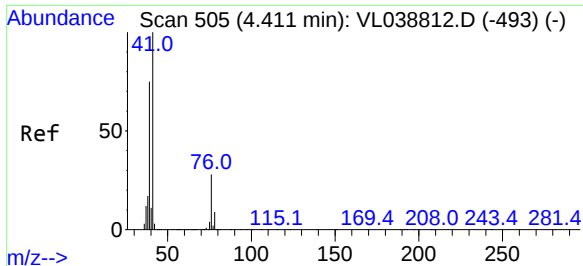


#20
Methylene Chloride
Concen: 9.863 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion: 84 Resp: 388553
Ion Ratio Lower Upper
84 100
49 150.5 129.4 194.0
51 44.6 37.4 56.2
86 63.3 51.4 77.2





#21
 Allyl Chloride
 Concen: 9.357 ppbv
 RT: 4.427 min Scan# 510
 Delta R.T. 0.016 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42

Instrument :

MSVOA_L

ClientSampleId :

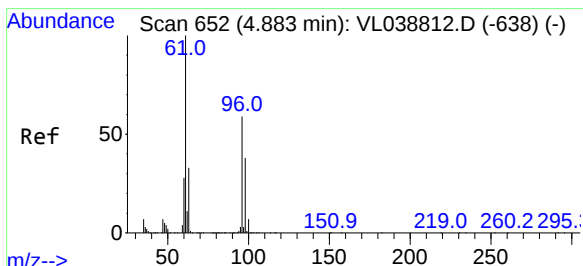
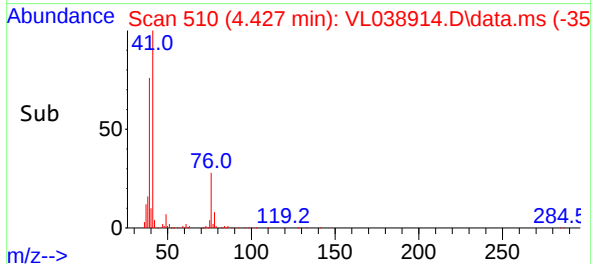
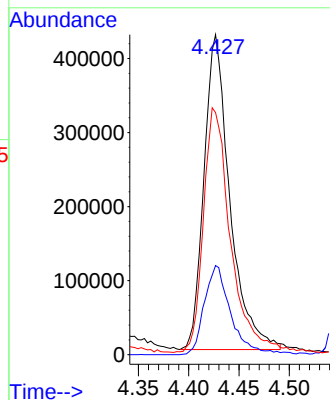
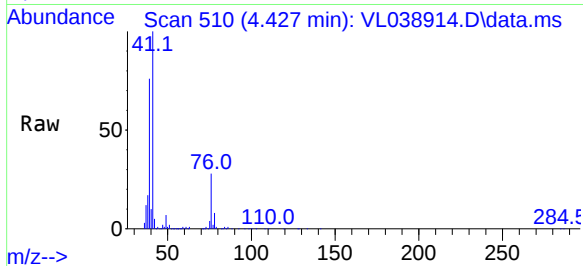
VSTDCCC010EC

Tgt Ion: 41 Resp: 761044
 Ion Ratio Lower Upper
 41 100
 76 29.2 23.7 35.5
 39 83.2 62.0 93.0

Manual Integrations

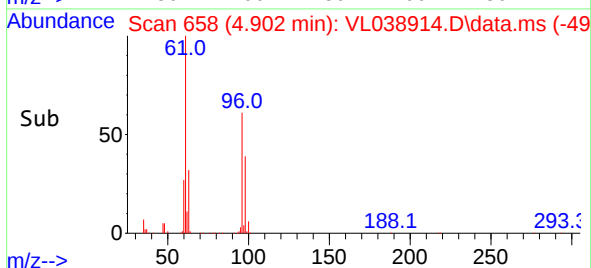
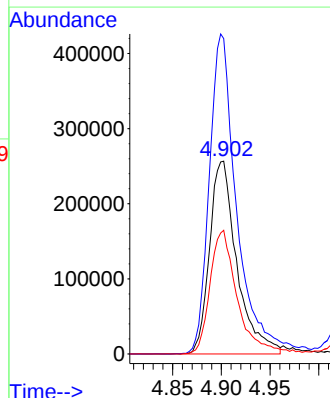
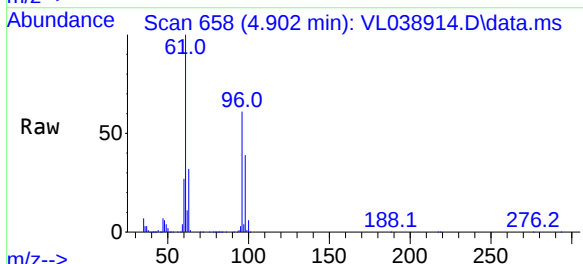
APPROVED

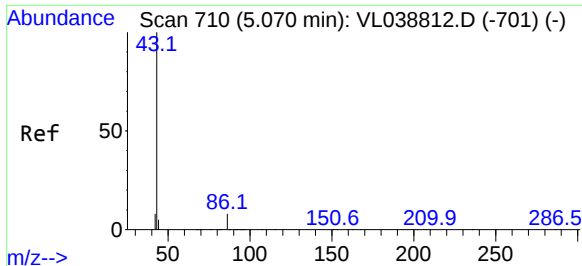
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.406 ppbv
 RT: 4.902 min Scan# 658
 Delta R.T. 0.019 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42

Tgt Ion: 96 Resp: 501476
 Ion Ratio Lower Upper
 96 100
 61 163.6 134.8 202.2
 98 64.1 51.9 77.9





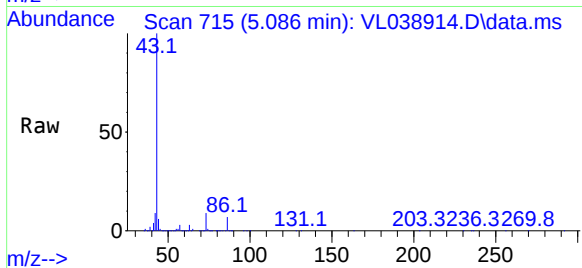
#23
 Vinyl Acetate
 Concen: 10.133 ppbv
 RT: 5.086 min Scan# 710
 Delta R.T. 0.016 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



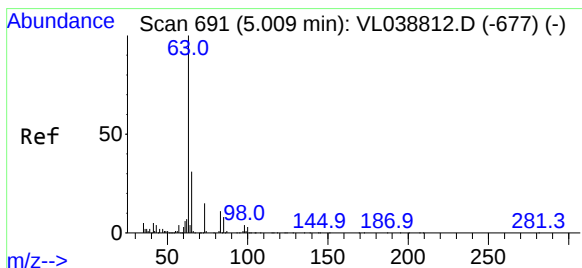
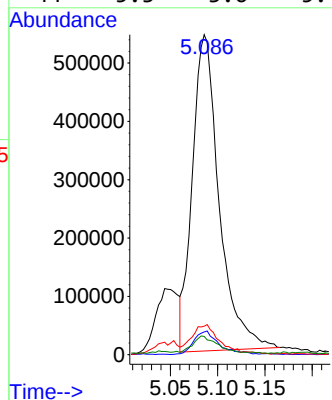
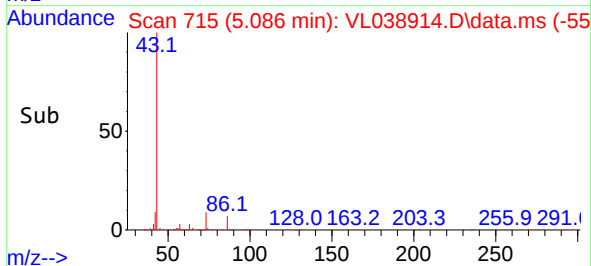
Tgt Ion: 43 Resp: 107194

Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.8	8.6
42	8.8	7.8	11.6
44	5.3	3.6	5.4

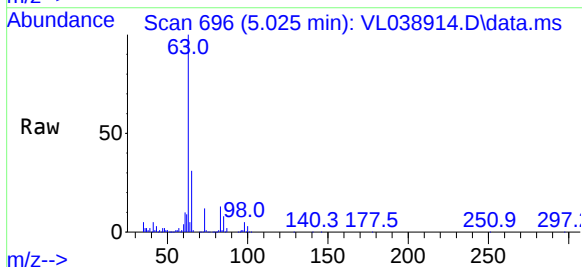
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

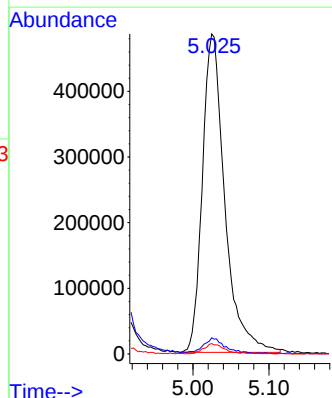
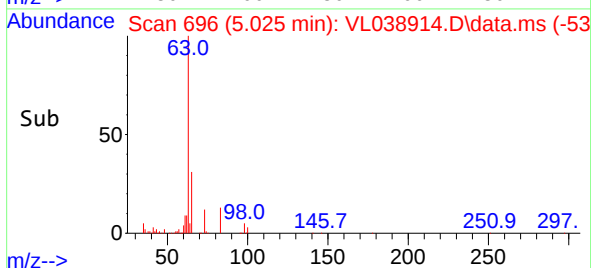


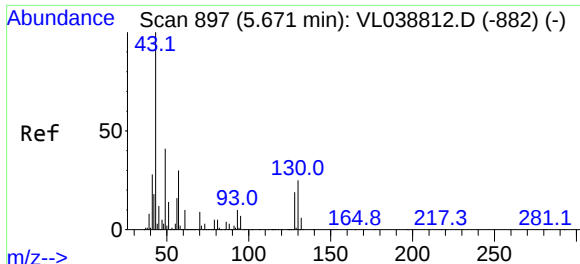
#24
 1,1-Dichloroethane
 Concen: 10.364 ppbv
 RT: 5.025 min Scan# 696
 Delta R.T. 0.016 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42



Tgt Ion: 63 Resp: 990825

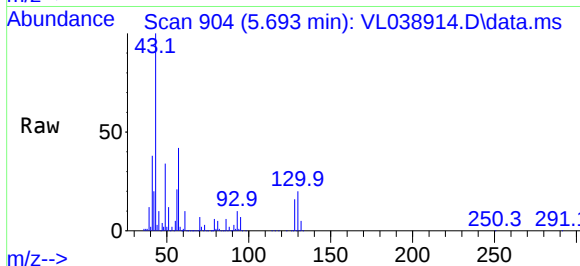
Ion	Ratio	Lower	Upper
63	100		
98	4.9	2.2	6.6
100	3.1	1.4	4.0





#25
Ethyl Acetate
Concen: 9.327 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

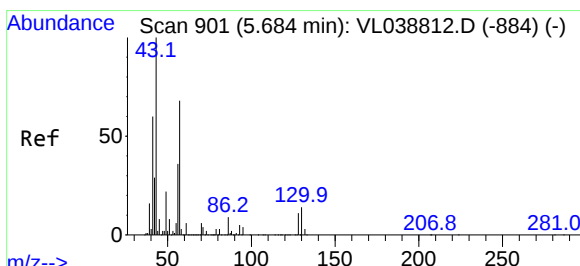
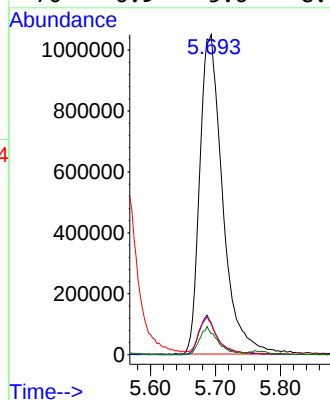
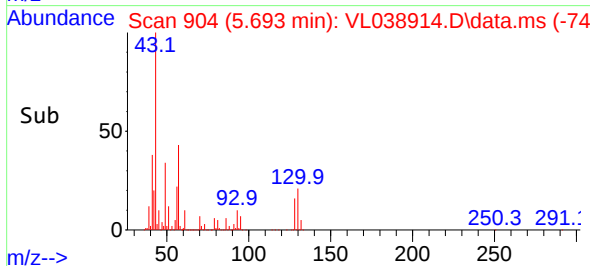


Tgt Ion: 43 Resp: 2570739

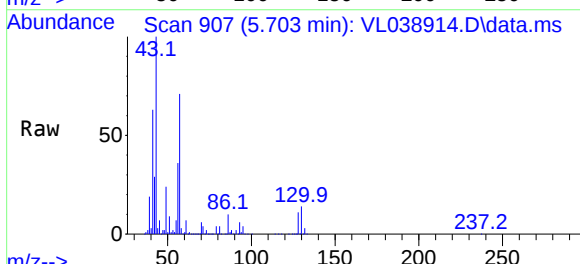
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.4	12.6
61	10.3	7.9	11.9
70	6.9	5.6	8.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

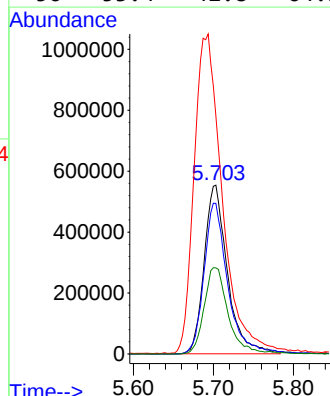
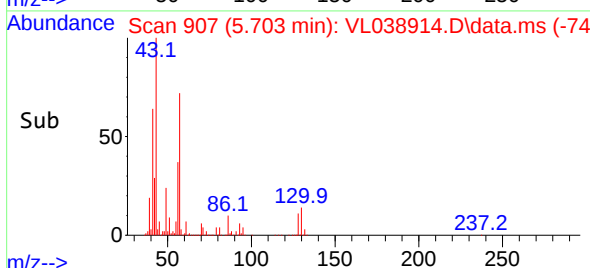


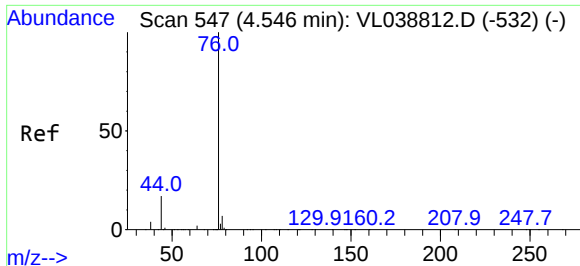
#26
Hexane
Concen: 8.936 ppbv
RT: 5.703 min Scan# 907
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion: 57 Resp: 1121139

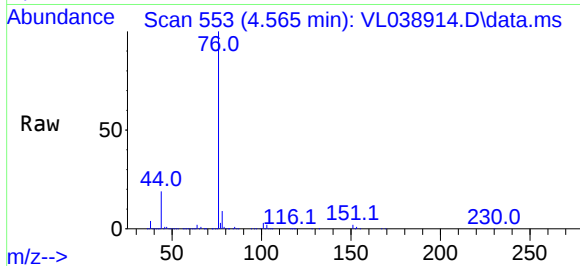
Ion	Ratio	Lower	Upper
57	100		
41	91.8	72.0	108.0
43	231.2	186.6	280.0
56	53.4	42.8	64.2





#27
Carbon Disulfide
Concen: 10.579 ppbv
RT: 4.565 min Scan# 51
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

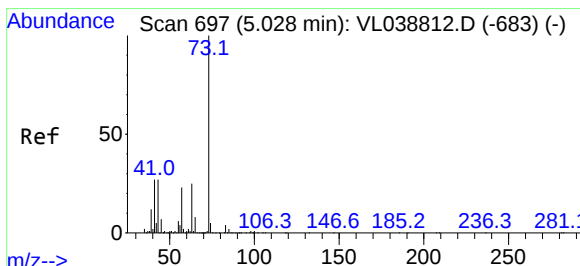
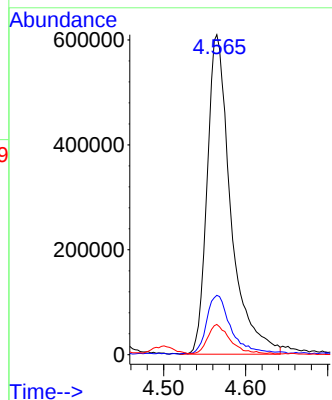
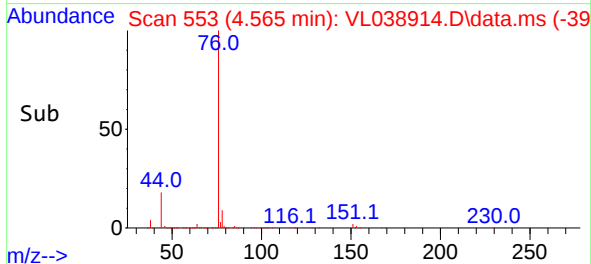
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 1217150
Ion Ratio Lower Upper
76 100
44 19.1 15.7 23.5
78 9.5 7.8 11.8

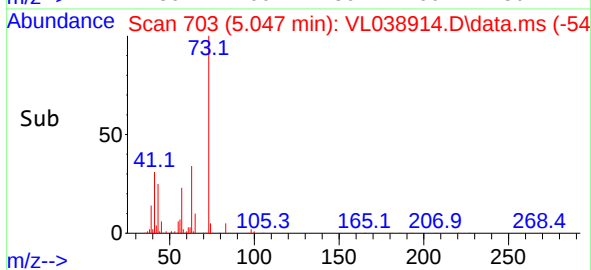
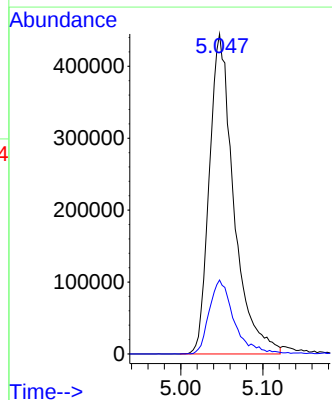
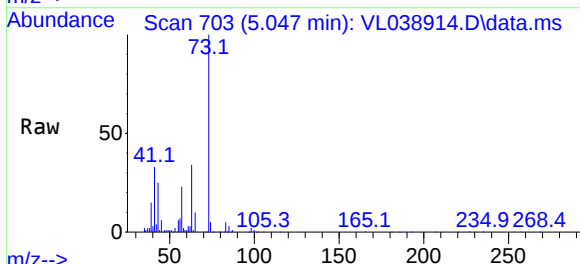
Manual Integrations
APPROVED

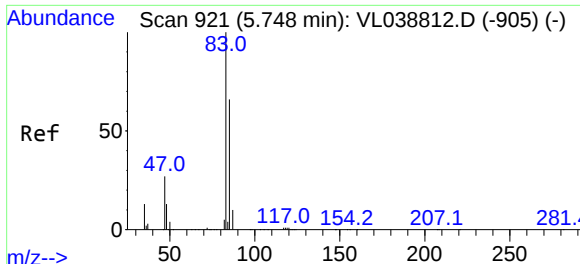
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#28
Methyl tert-Butyl Ether
Concen: 9.522 ppbv
RT: 5.047 min Scan# 703
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

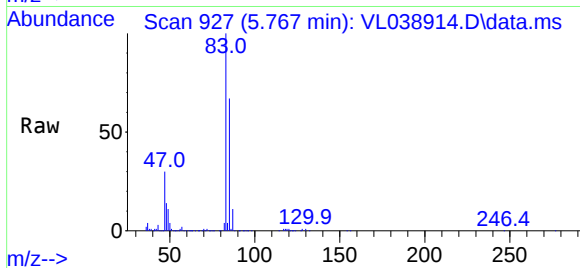
Tgt Ion: 73 Resp: 922657
Ion Ratio Lower Upper
73 100
57 23.7 19.7 29.5





#29
Chloroform
Concen: 10.574 ppbv
RT: 5.767 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

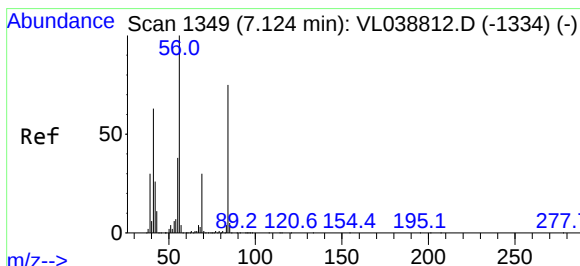
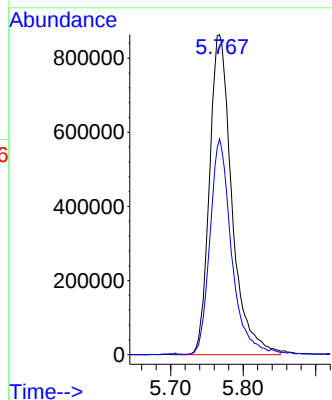
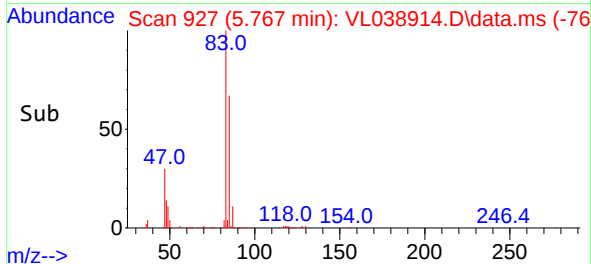
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



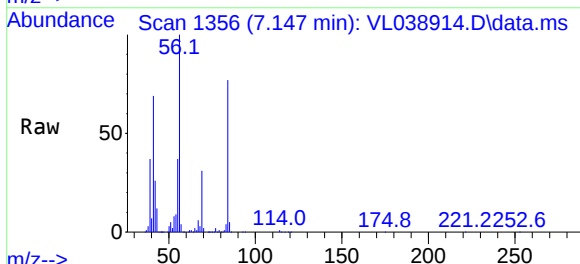
Tgt Ion: 83 Resp: 185608
Ion Ratio Lower Upper
83 100
85 67.2 52.5 78.7

Manual Integrations
APPROVED

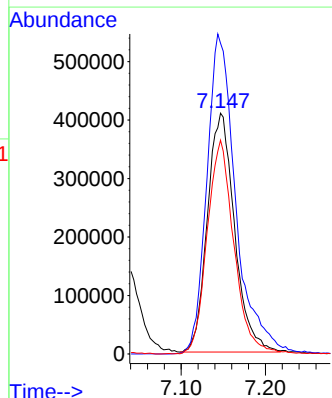
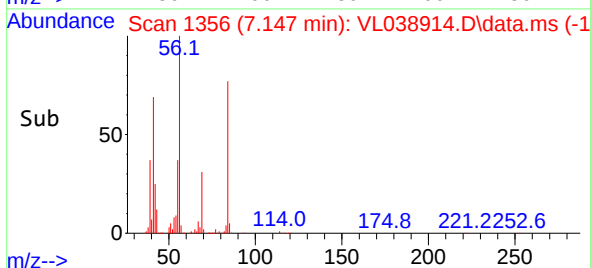
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

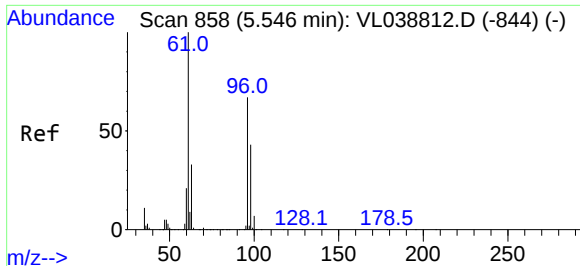


#30
Cyclohexane
Concen: 8.290 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



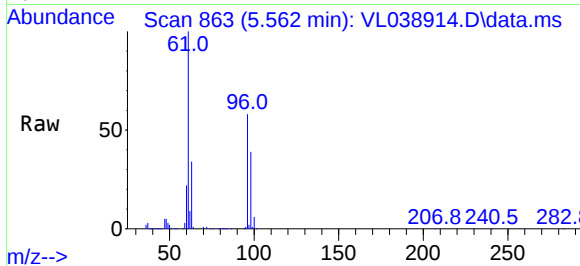
Tgt Ion: 84 Resp: 916646
Ion Ratio Lower Upper
84 100
56 143.8 114.4 171.6
41 88.7 69.0 103.4





#31
cis-1,2-Dichloroethene
Concen: 10.278 ppbv
RT: 5.562 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

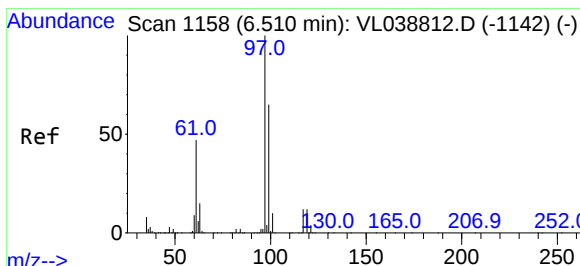
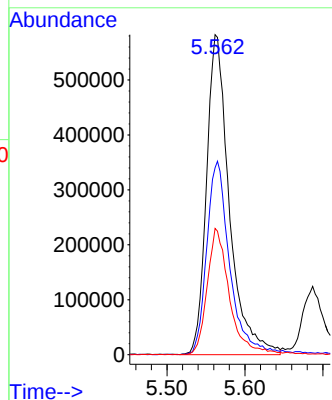
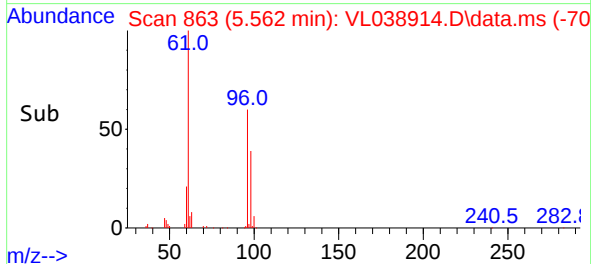
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



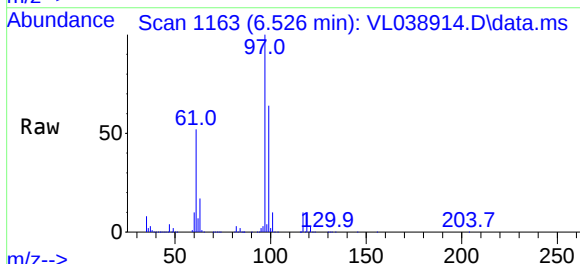
Tgt Ion: 61 Resp: 1185698
Ion Ratio Lower Upper
61 100
96 58.3 53.4 80.0
98 39.4 34.2 51.4

Manual Integrations
APPROVED

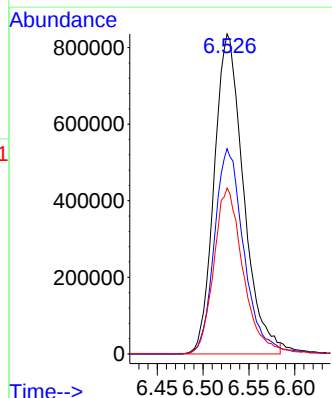
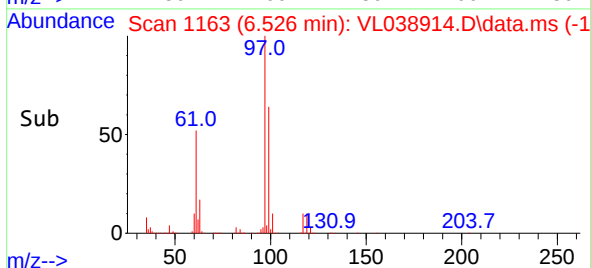
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

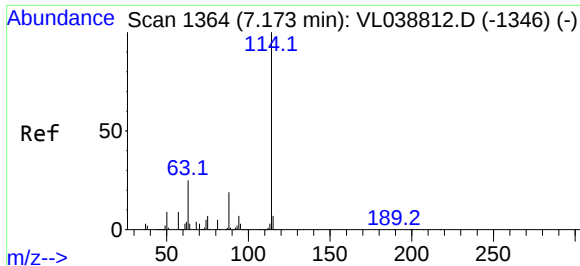


#32
1,1,1-Trichloroethane
Concen: 10.477 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



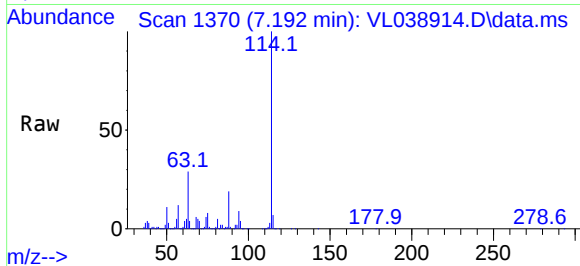
Tgt Ion: 97 Resp: 1852906
Ion Ratio Lower Upper
97 100
99 65.2 52.4 78.6
61 52.6 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

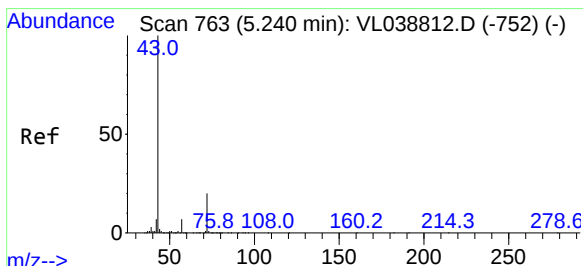
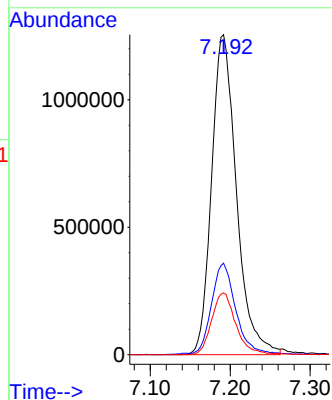
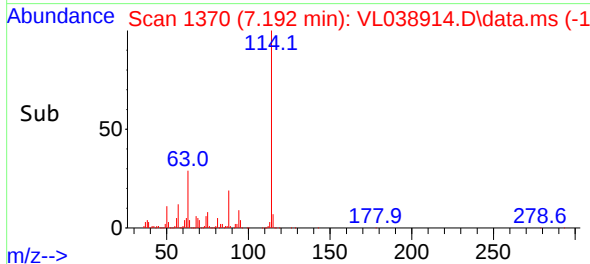
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



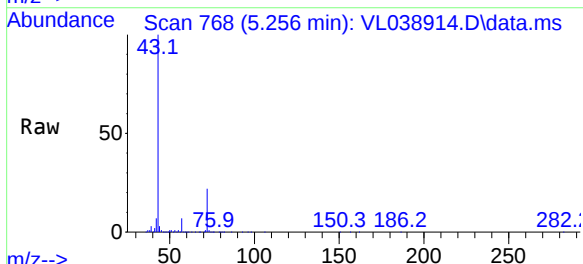
Tgt Ion:114 Resp: 270969
Ion Ratio Lower Upper
114 100
63 28.6 19.8 29.8
88 19.0 14.2 21.4

Manual Integrations
APPROVED

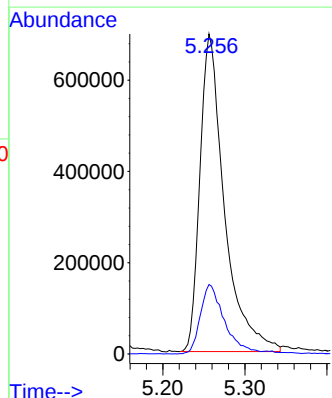
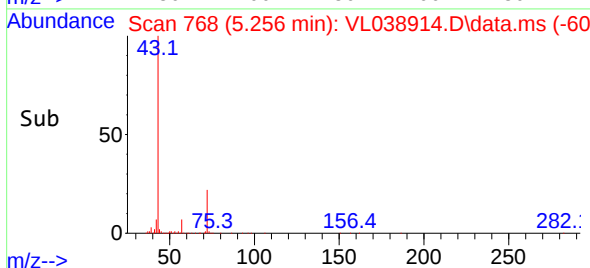
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

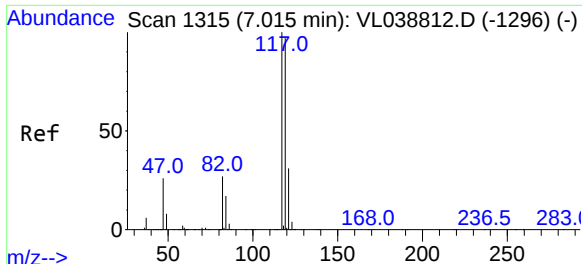


#34
2-Butanone
Concen: 13.444 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



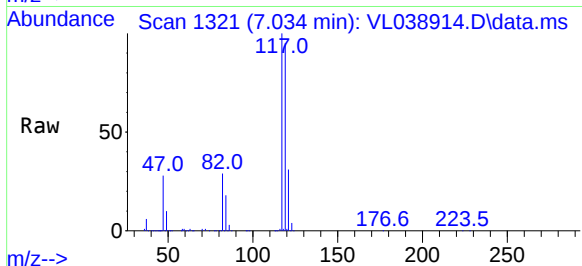
Tgt Ion: 43 Resp: 1439440
Ion Ratio Lower Upper
43 100
72 22.2 16.9 25.3





#35
Carbon Tetrachloride
Concen: 11.871 ppbv
RT: 7.034 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

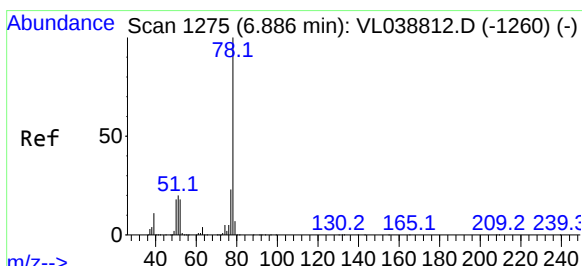
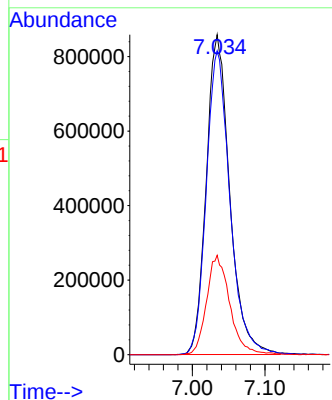
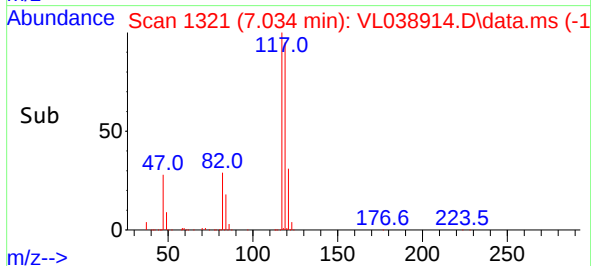
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



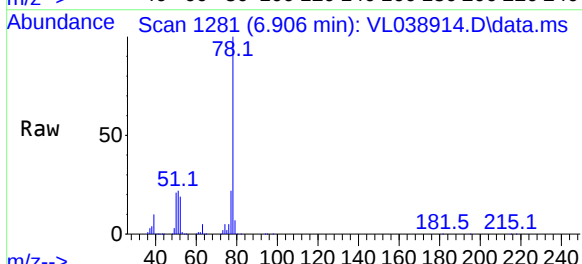
Tgt Ion: 117 Resp: 1928370
Ion Ratio Lower Upper
117 100
119 94.8 77.7 116.5
121 31.1 24.5 36.7

Manual Integrations
APPROVED

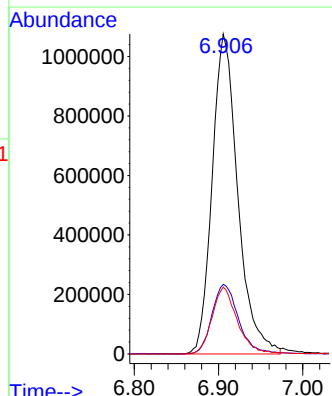
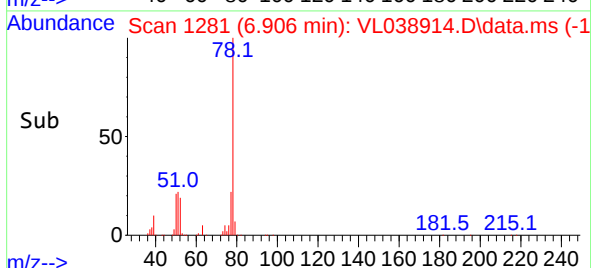
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

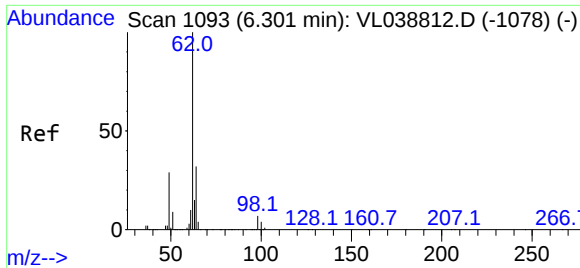


#36
Benzene
Concen: 9.209 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



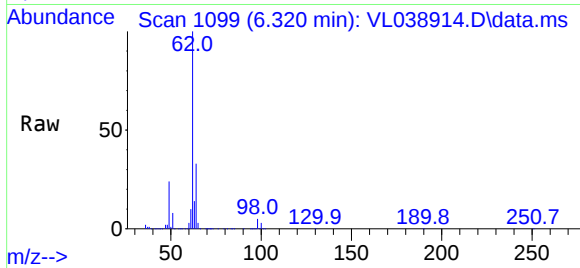
Tgt Ion: 78 Resp: 2270011
Ion Ratio Lower Upper
78 100
77 21.7 18.2 27.2
50 20.9 14.0 21.0





#37
1,2-Dichloroethane
Concen: 13.506 ppbv
RT: 6.320 min Scan# 1099
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

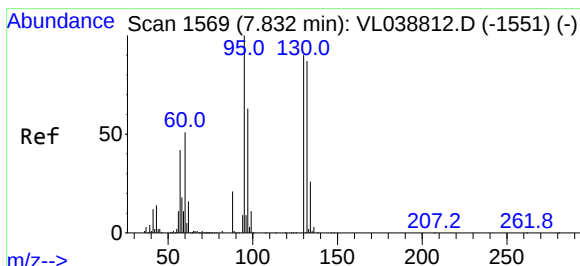
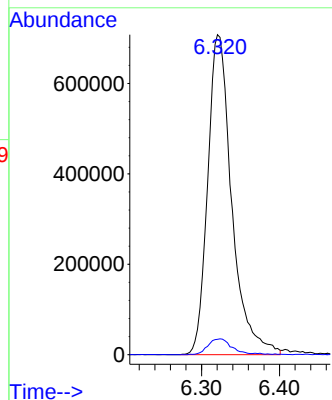
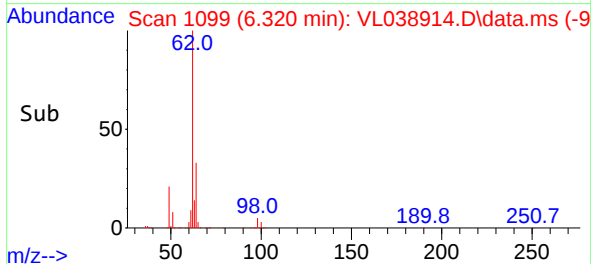
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



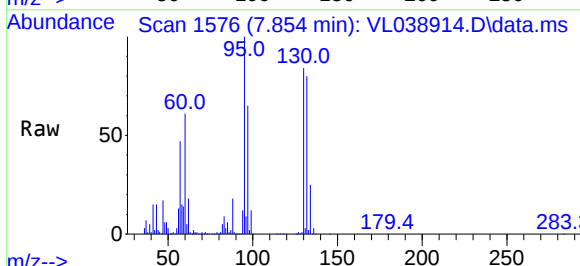
Tgt Ion: 62 Resp: 152216
Ion Ratio Lower Upper
62 100
98 5.1 5.9 8.9

Manual Integrations
APPROVED

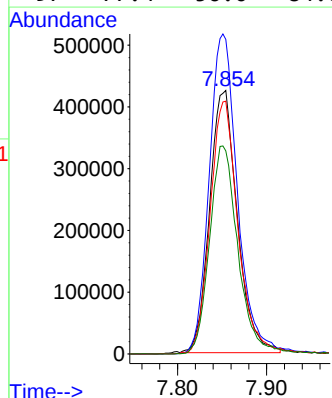
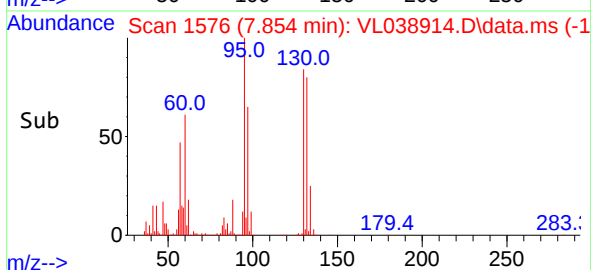
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

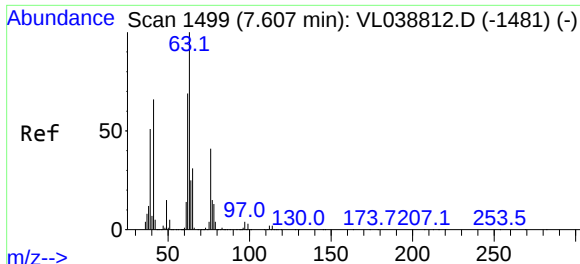


#38
Trichloroethene
Concen: 9.088 ppbv
RT: 7.854 min Scan# 1576
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



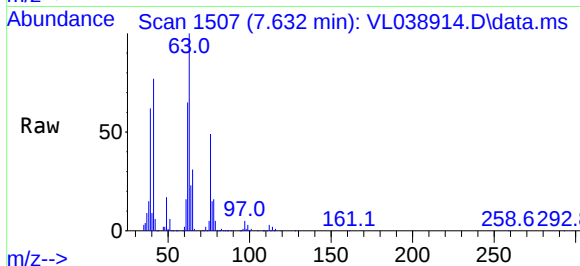
Tgt Ion:130 Resp: 919235
Ion Ratio Lower Upper
130 100
95 119.7 89.4 134.0
132 96.3 77.7 116.5
97 77.4 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.568 ppbv
RT: 7.632 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

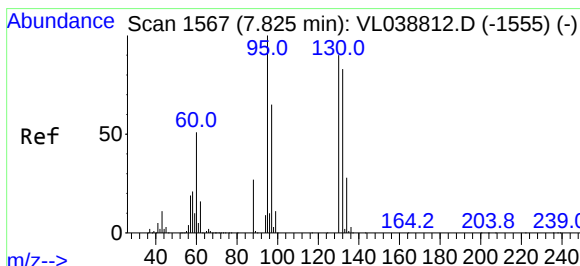
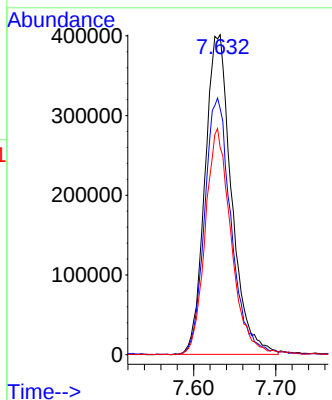
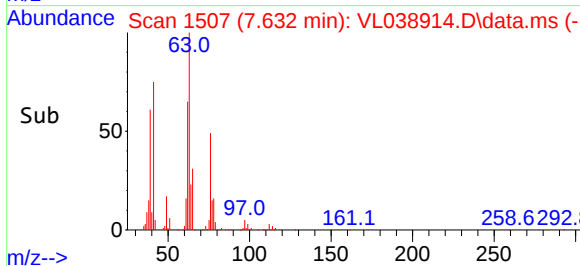
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



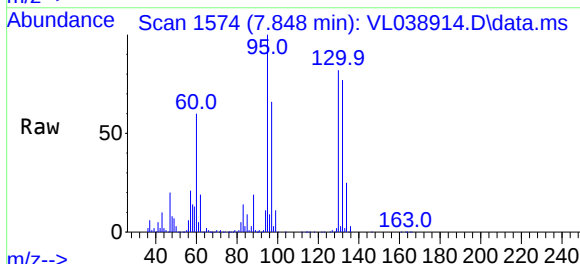
Tgt Ion: 63 Resp: 902154
Ion Ratio Lower Upper
63 100
41 76.9 53.0 79.6
62 64.7 55.0 82.4

Manual Integrations
APPROVED

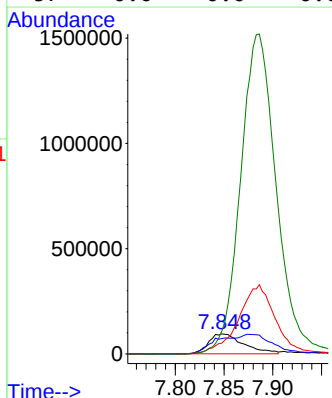
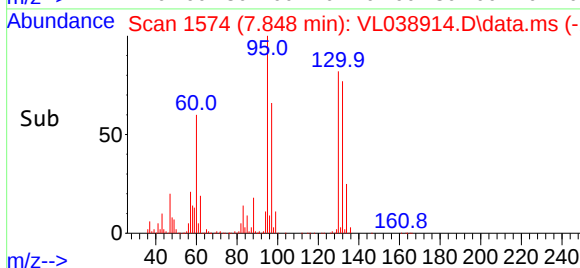
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

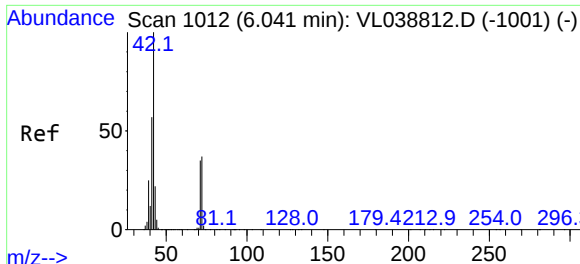


#40
1,4-Dioxane
Concen: 7.374 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



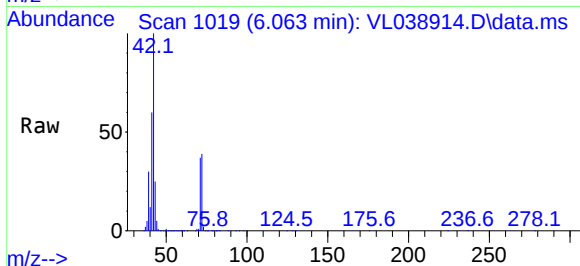
Tgt Ion: 88 Resp: 236104
Ion Ratio Lower Upper
88 100
58 0.0 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.111 ppbv
RT: 6.063 min Scan# 1012
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

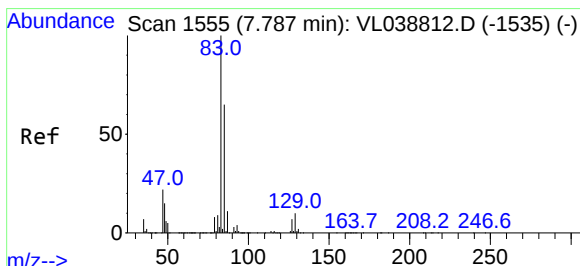
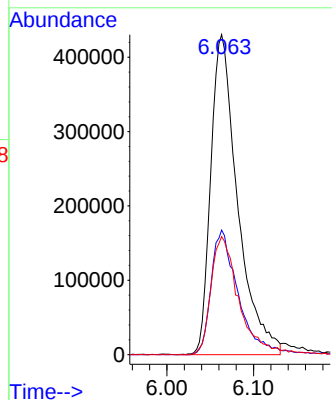
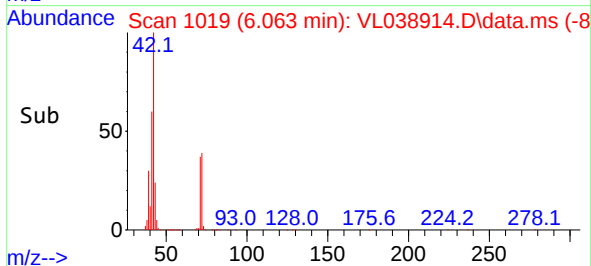
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 926464
Ion Ratio Lower Upper
42 100
72 40.4 31.4 47.0
71 39.1 30.2 45.4

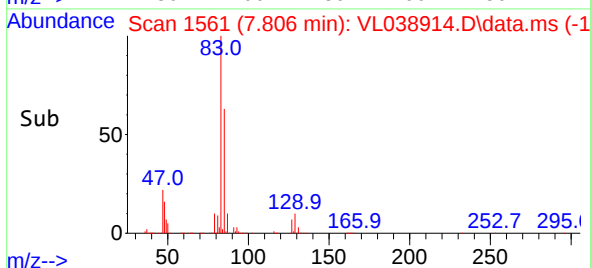
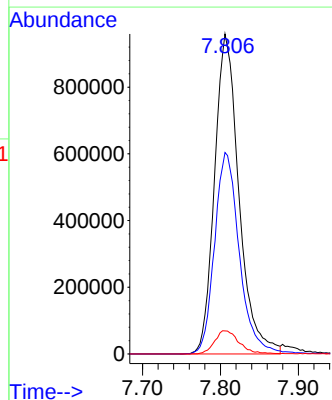
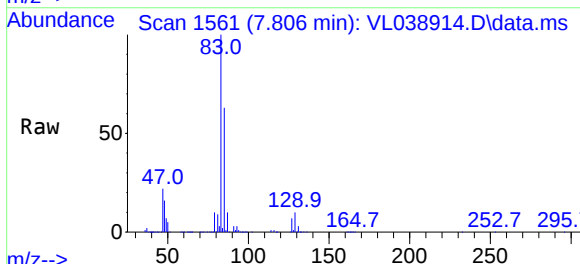
Manual Integrations
APPROVED

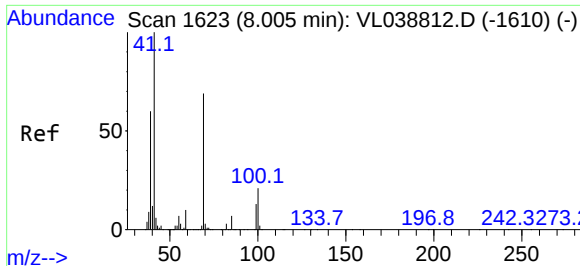
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#42
Bromodichloromethane
Concen: 11.733 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

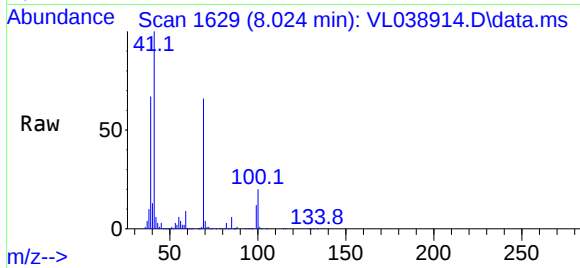
Tgt Ion: 83 Resp: 2088091
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5
127 7.2 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.090 ppbv
RT: 8.024 min Scan# 1629
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

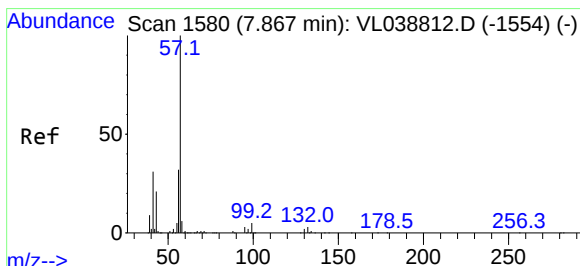
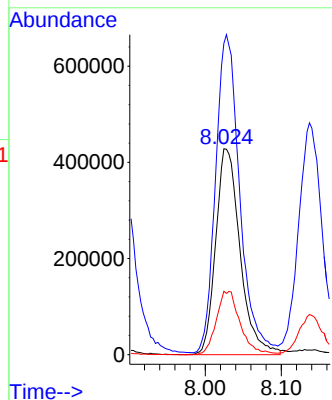
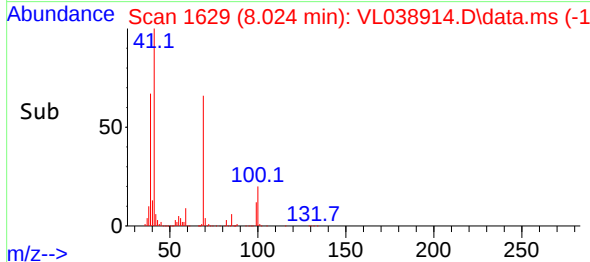
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



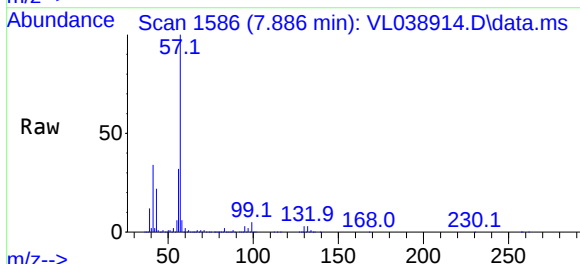
Tgt Ion: 69 Resp: 95263
Ion Ratio Lower Upper
69 100
41 154.6 119.0 178.4
100 30.3 26.4 39.6

Manual Integrations
APPROVED

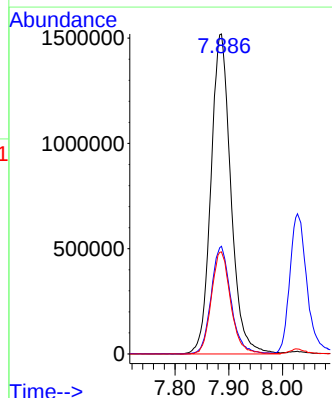
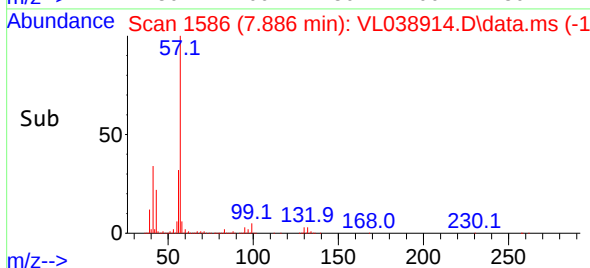
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

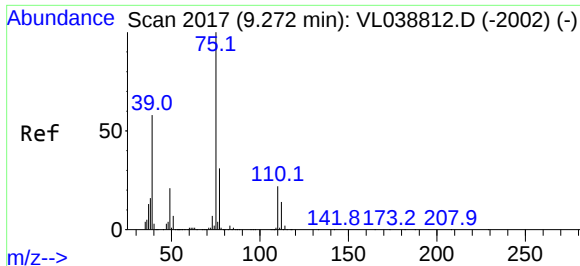


#44
2,2,4-Trimethylpentane
Concen: 9.371 ppbv
RT: 7.886 min Scan# 1586
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



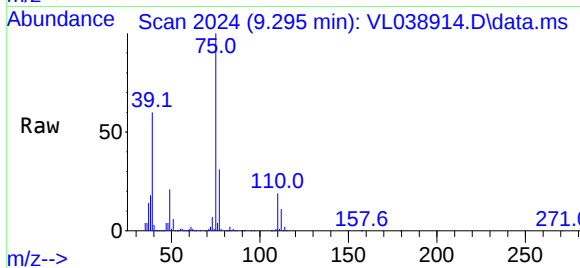
Tgt Ion: 57 Resp: 3911030
Ion Ratio Lower Upper
57 100
41 33.2 25.0 37.4
56 31.0 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.708 ppbv
RT: 9.295 min Scan# 2017
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

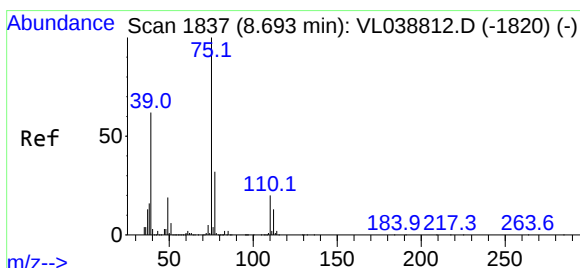
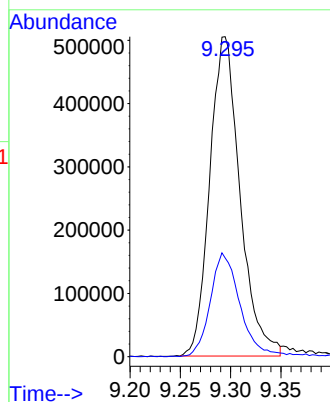
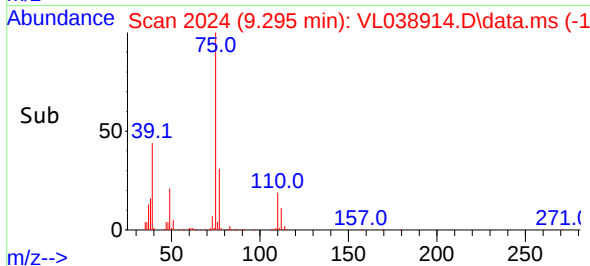
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



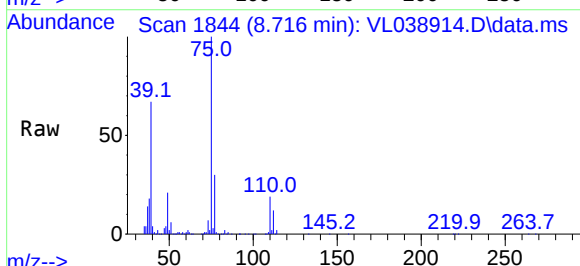
Tgt Ion: 75 Resp: 105711
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4

Manual Integrations
APPROVED

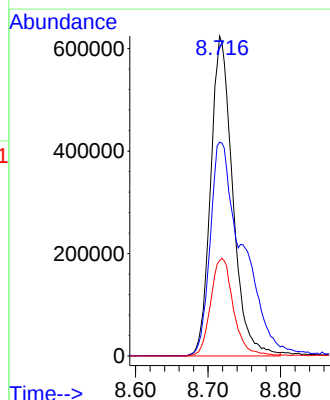
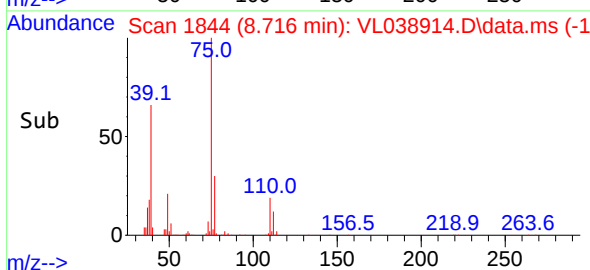
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

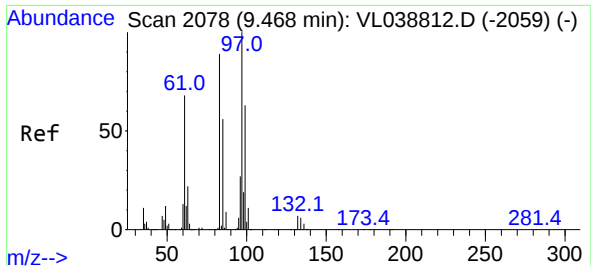


#46
cis-1,3-Dichloropropene
Concen: 10.130 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



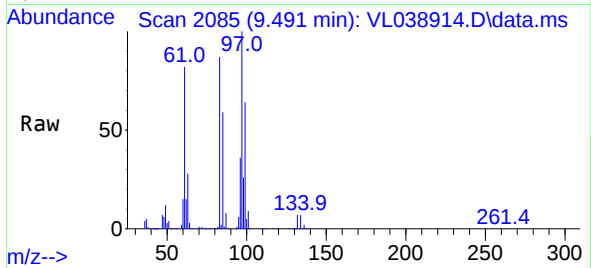
Tgt Ion: 75 Resp: 1318534
Ion Ratio Lower Upper
75 100
39 66.6 49.7 74.5
77 29.8 25.6 38.4





#47
1,1,2-Trichloroethane
Concen: 9.570 ppbv
RT: 9.491 min Scan# 2078
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

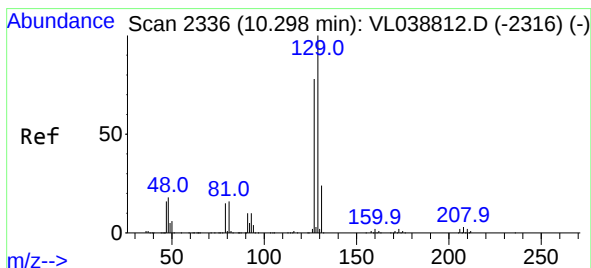
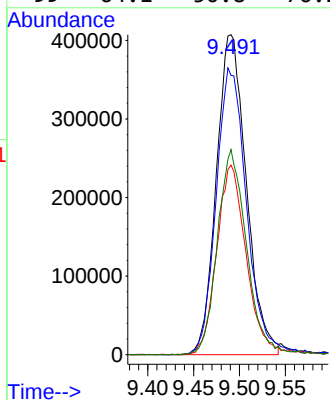
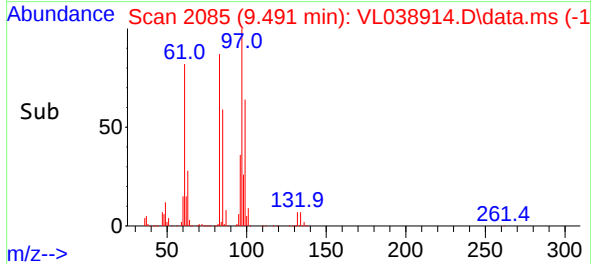
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 924530
Ion Ratio Lower Upper
97 100
83 87.2 71.1 106.7
85 59.2 45.1 67.7
99 64.1 50.8 76.2

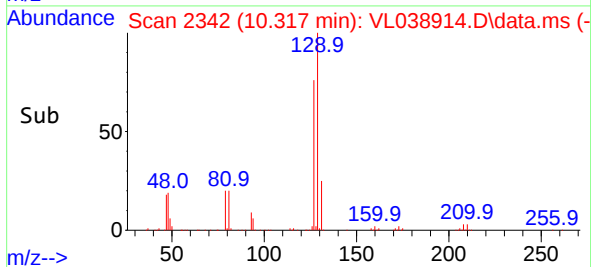
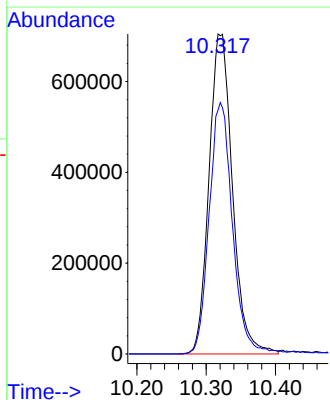
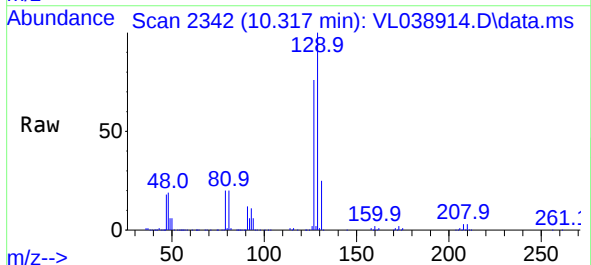
Manual Integrations
APPROVED

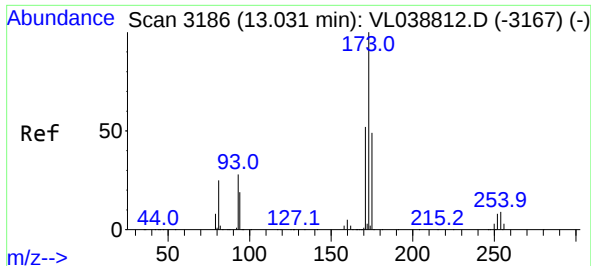
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#48
Dibromochloromethane
Concen: 10.958 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

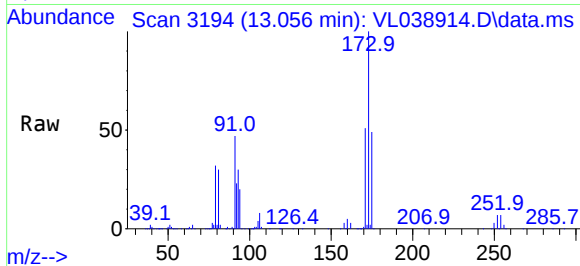
Tgt Ion:129 Resp: 1659295
Ion Ratio Lower Upper
129 100
127 78.6 38.9 116.6





#49
Bromoform
Concen: 10.893 ppbv
RT: 13.056 min Scan# 3186
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

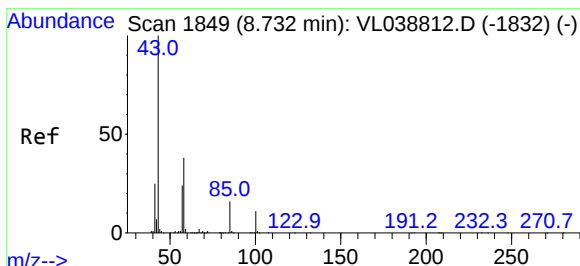
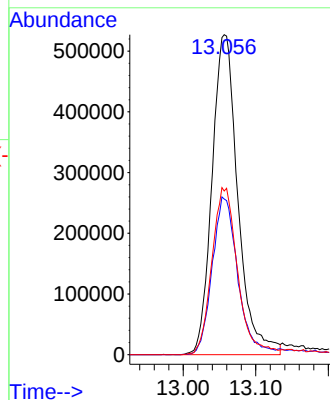
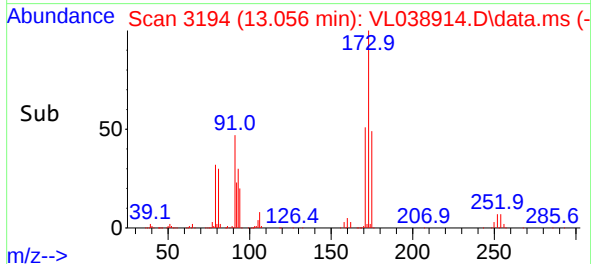
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



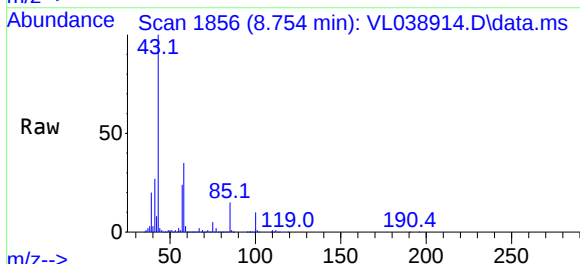
Tgt Ion:173 Resp: 1306368
Ion Ratio Lower Upper
173 100
175 51.9 39.9 59.9
171 54.2 43.4 65.0

Manual Integrations
APPROVED

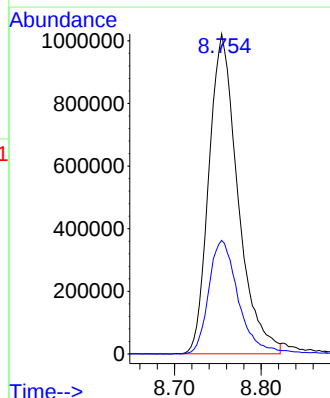
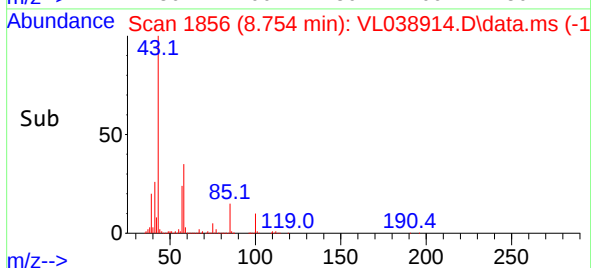
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

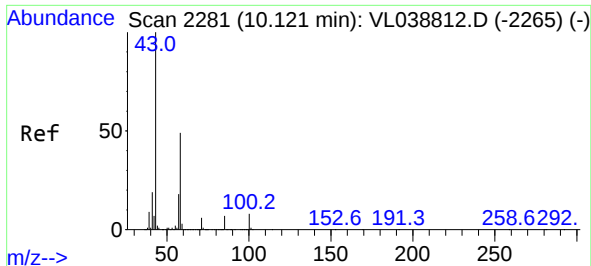


#50
4-Methyl-2-Pentanone
Concen: 9.849 ppbv
RT: 8.754 min Scan# 1856
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



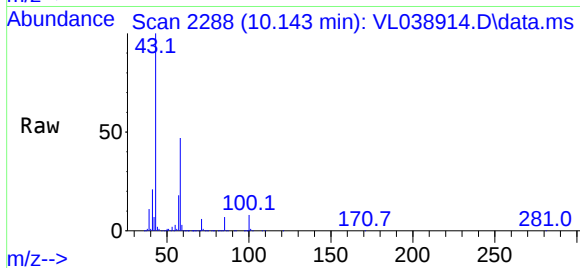
Tgt Ion: 43 Resp: 2372037
Ion Ratio Lower Upper
43 100
58 36.8 29.0 43.6





#51
2-Hexanone
Concen: 9.966 ppbv
RT: 10.143 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

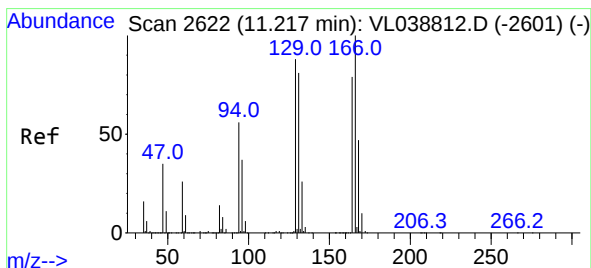
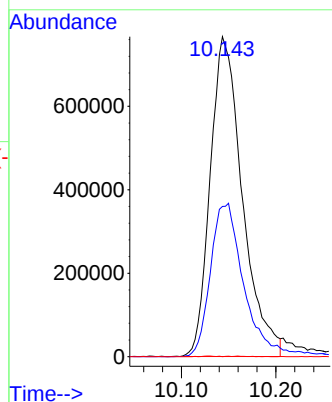
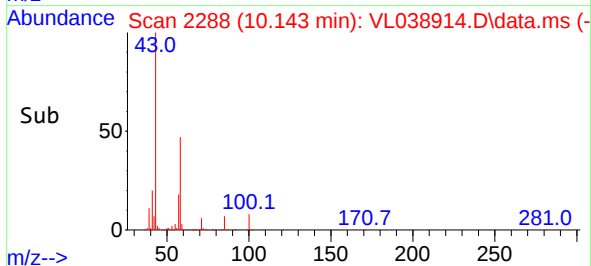
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



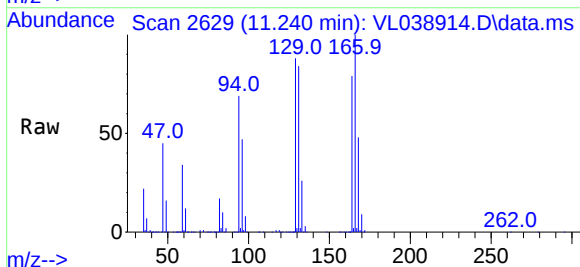
Tgt Ion: 43 Resp: 180851
Ion Ratio Lower Upper
43 100
58 50.9 41.4 62.0
98 0.2 0.1 0.1

Manual Integrations
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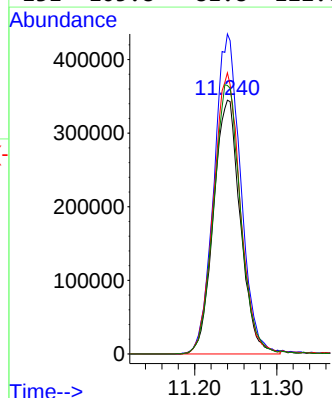
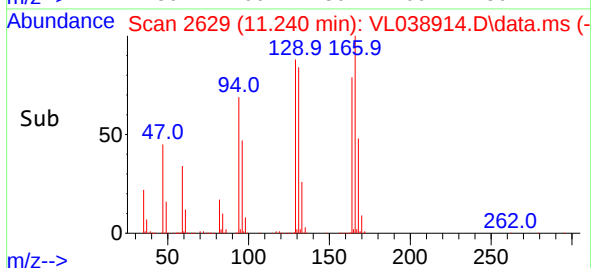
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

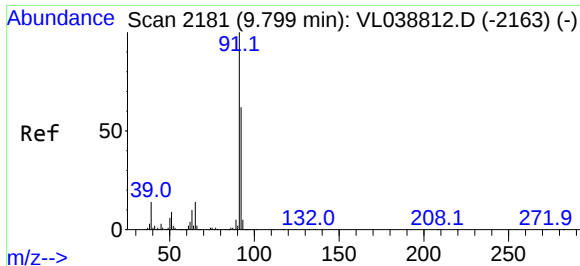


#52
Tetrachloroethene
Concen: 9.096 ppbv
RT: 11.240 min Scan# 2629
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



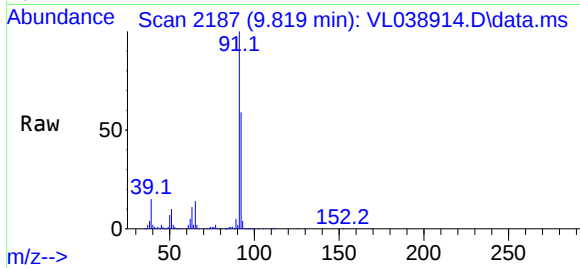
Tgt Ion:164 Resp: 783188
Ion Ratio Lower Upper
164 100
166 126.1 101.0 151.6
129 110.8 88.7 133.1
131 105.8 81.8 122.6





#53
Toluene
Concen: 9.173 ppbv
RT: 9.819 min Scan# 2181
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

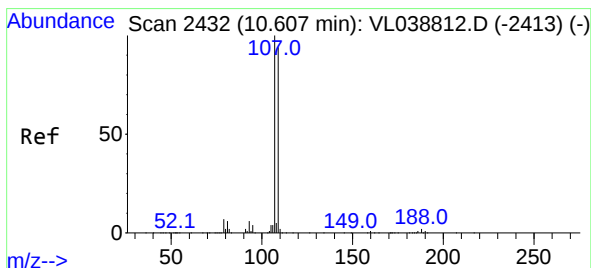
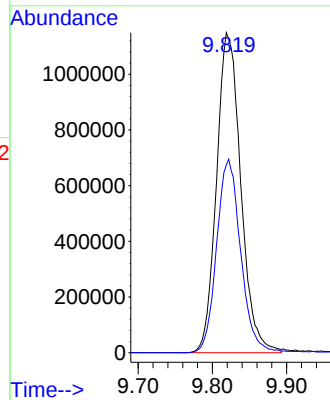
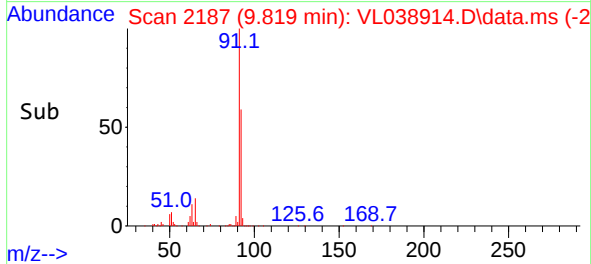
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



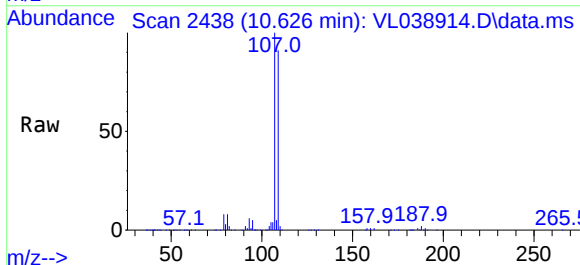
Tgt Ion: 91 Resp: 2610240
Ion Ratio Lower Upper
91 100
92 60.2 49.2 73.8

Manual Integrations
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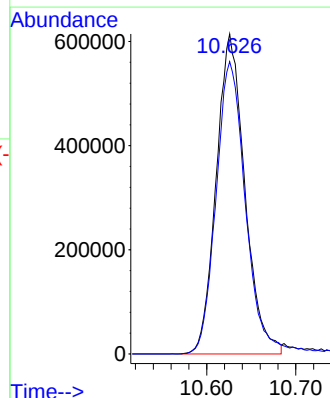
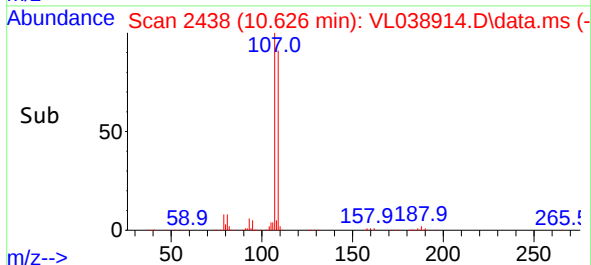
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

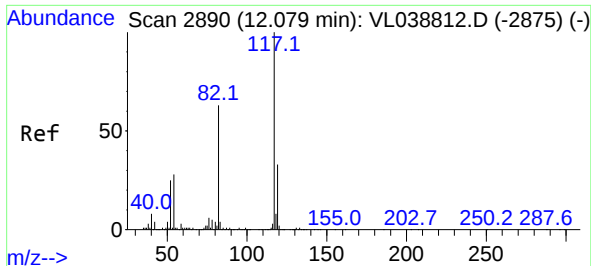


#54
1,2-Dibromoethane
Concen: 10.212 ppbv
RT: 10.626 min Scan# 2438
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



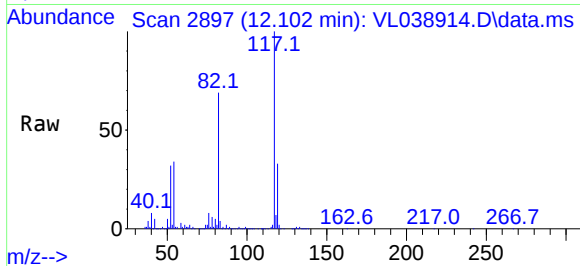
Tgt Ion:107 Resp: 1370457
Ion Ratio Lower Upper
107 100
109 91.3 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.102 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

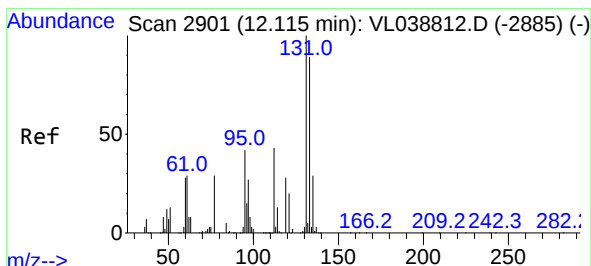
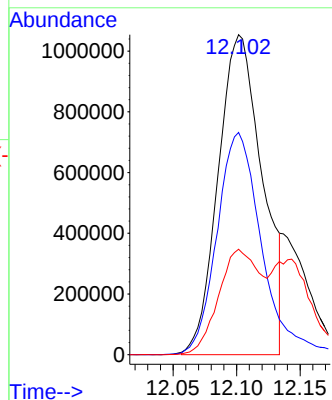
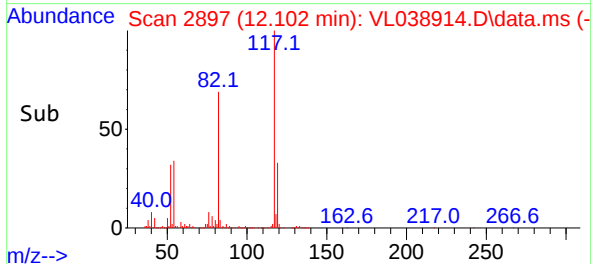
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



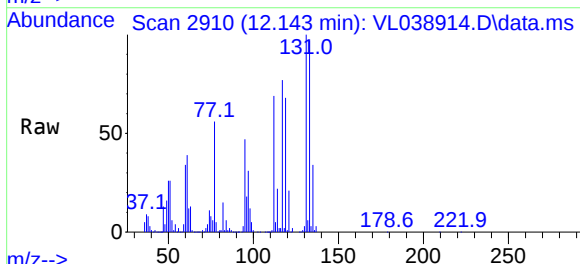
Tgt Ion:117 Resp: 255075
Ion Ratio Lower Upper
117 100
82 73.0 53.0 79.6
119 29.7 24.9 37.3

Manual Integrations
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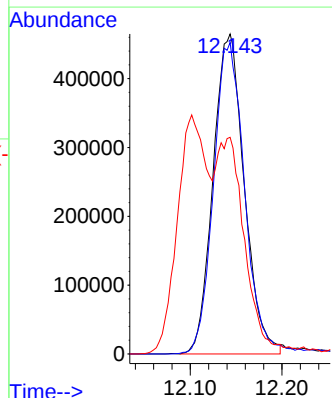
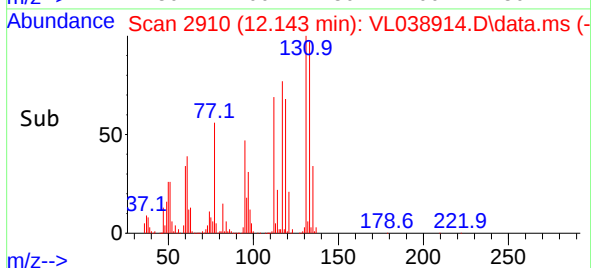
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

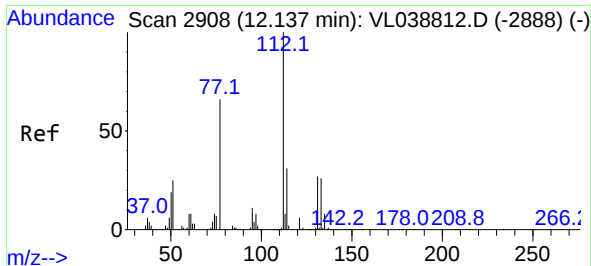


#56
1,1,1,2-Tetrachloroethane
Concen: 9.809 ppbv
RT: 12.143 min Scan# 2910
Delta R.T. 0.029 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



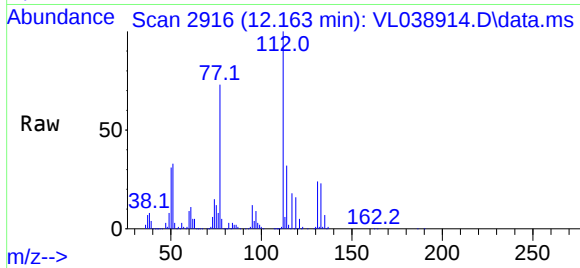
Tgt Ion:131 Resp: 1096491
Ion Ratio Lower Upper
131 100
133 99.5 78.2 117.4
119 57.1 58.6 87.8#





#57
Chlorobenzene
Concen: 8.823 ppbv
RT: 12.163 min Scan# 2916
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

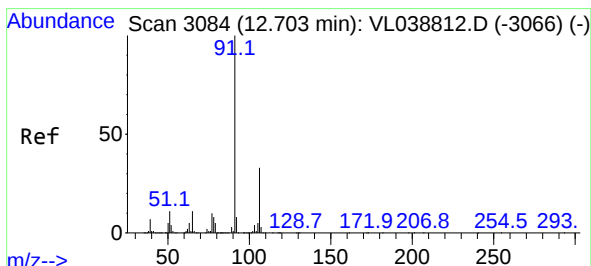
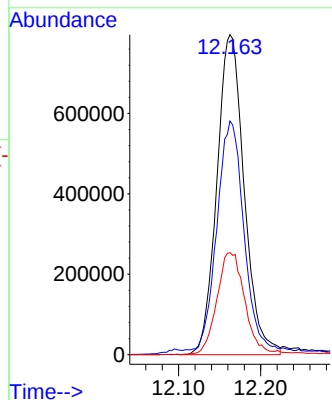
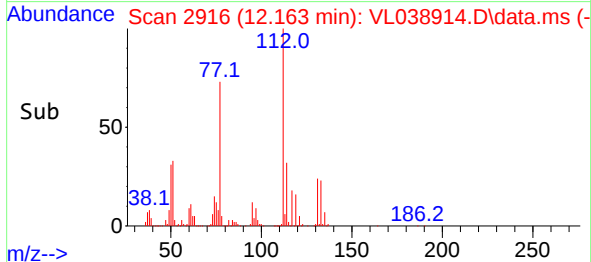
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



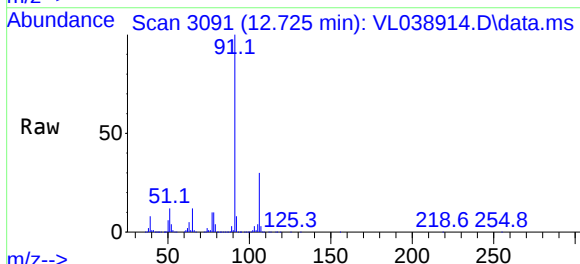
Tgt Ion: 112 Resp: 1843184
Ion Ratio Lower Upper
112 100
77 71.6 52.4 78.6
114 31.9 28.1 34.3

Manual Integrations
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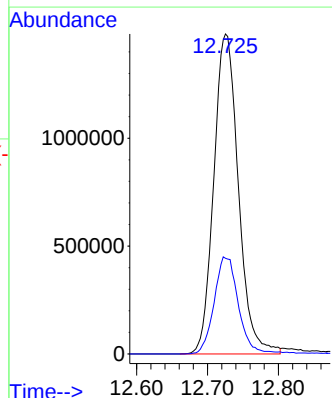
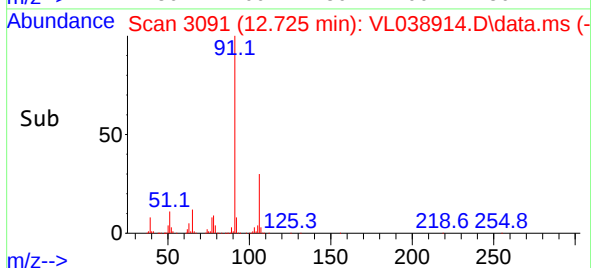
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

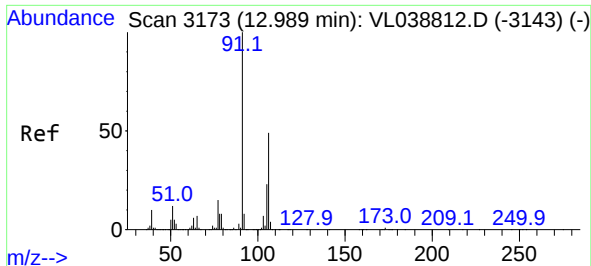


#58
Ethyl Benzene
Concen: 9.390 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion: 91 Resp: 3578984
Ion Ratio Lower Upper
91 100
106 29.9 26.7 40.1





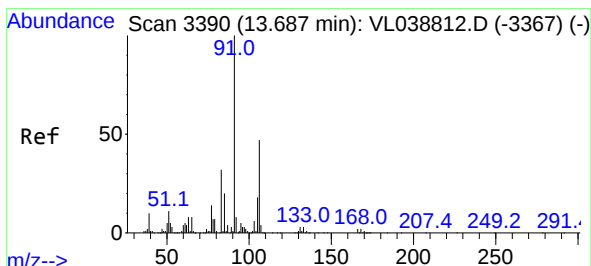
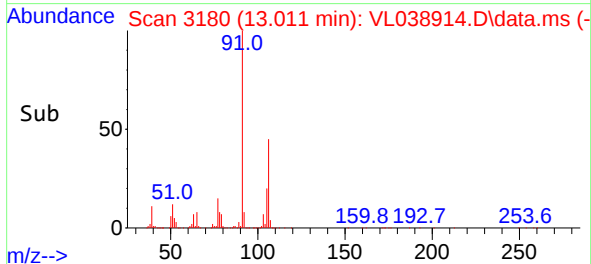
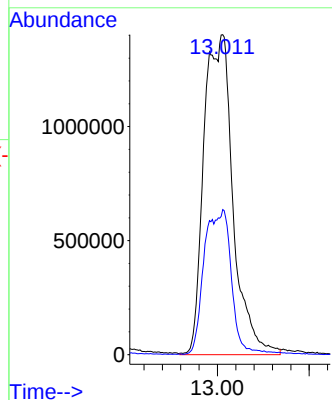
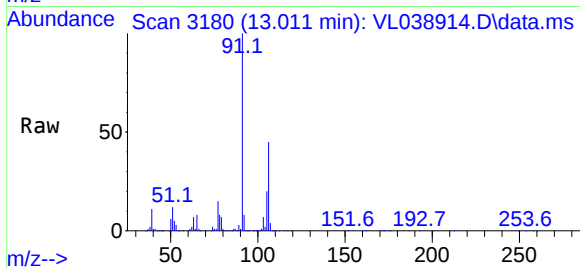
#59
m/p-Xylene
Concen: 19.332 ppbv m
RT: 13.011 min Scan# 3173
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 6190518
Ion Ratio Lower Upper
91 100
106 42.6 37.1 55.7

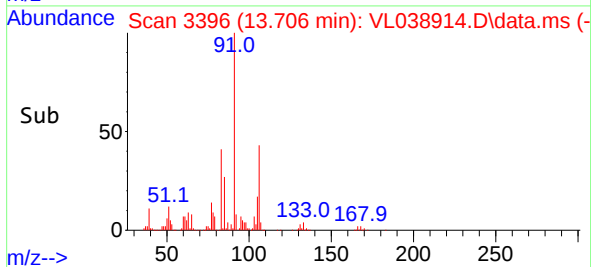
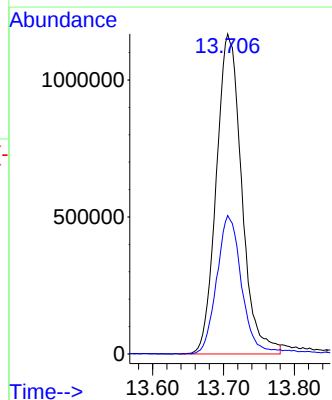
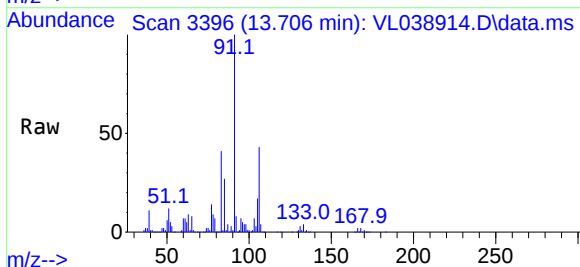
Manual Integrations
APPROVED

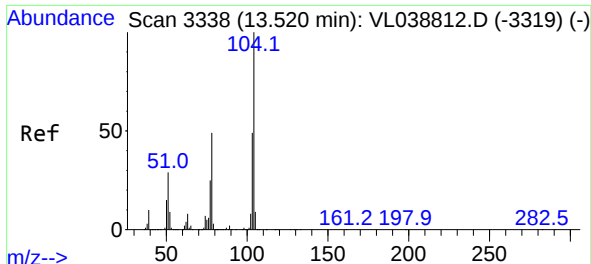
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#60
o-Xylene
Concen: 9.694 ppbv
RT: 13.706 min Scan# 3396
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

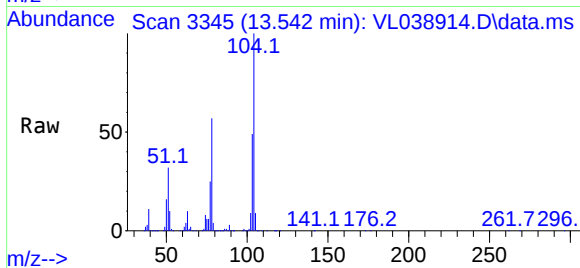
Tgt Ion: 91 Resp: 2904778
Ion Ratio Lower Upper
91 100
106 43.7 23.8 71.4





#61
Styrene
Concen: 9.083 ppbv
RT: 13.542 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

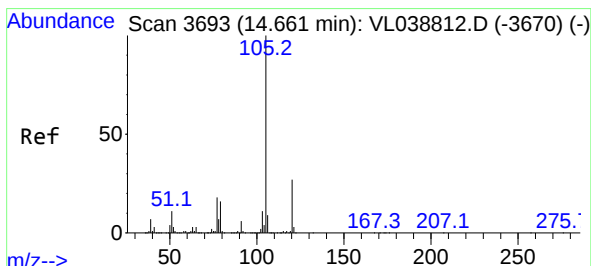
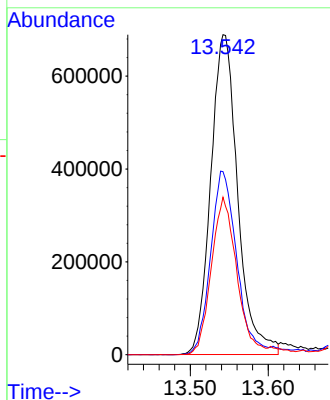
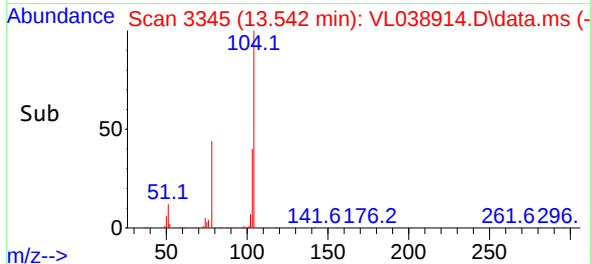
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



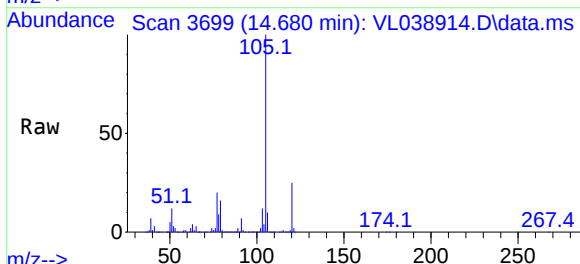
Tgt Ion:104 Resp: 165813
Ion Ratio Lower Upper
104 100
78 57.6 40.5 60.7
103 48.4 39.0 58.4

Manual Integrations
APPROVED

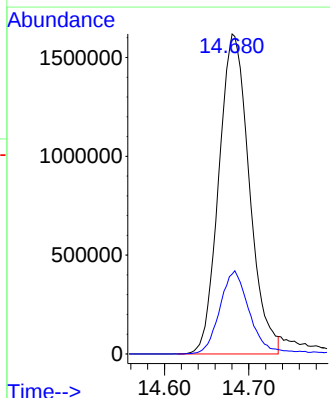
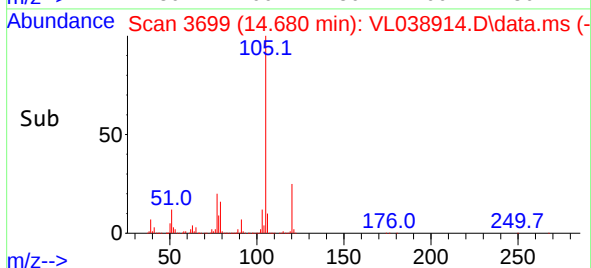
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

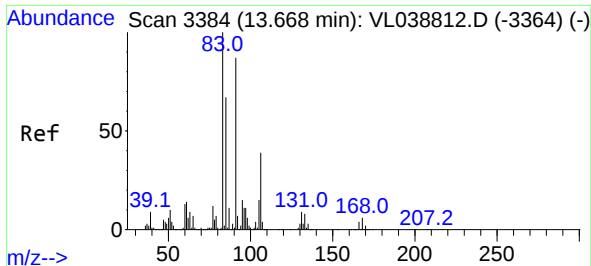


#62
Isopropylbenzene
Concen: 9.032 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



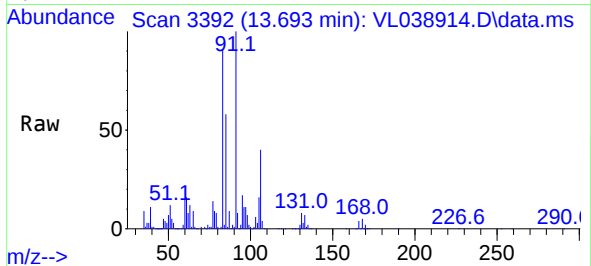
Tgt Ion:105 Resp: 4062237
Ion Ratio Lower Upper
105 100
120 26.0 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.449 ppbv
RT: 13.693 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

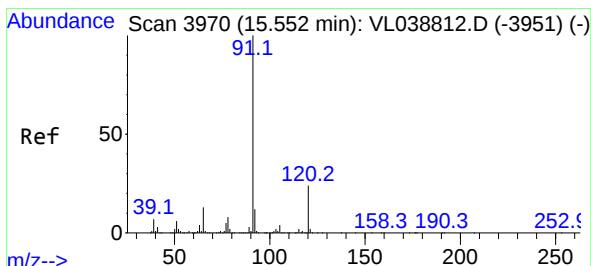
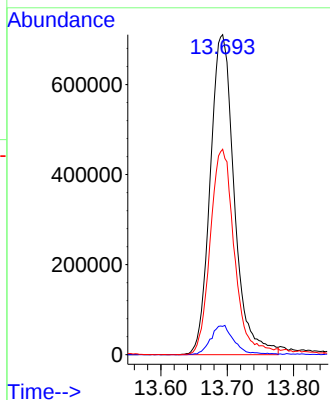
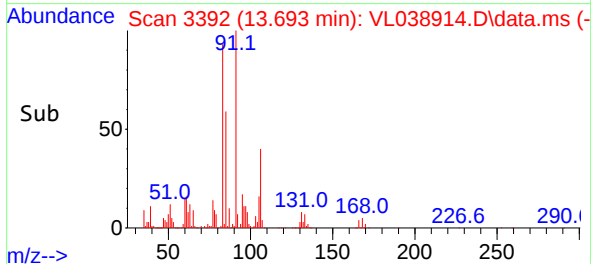
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



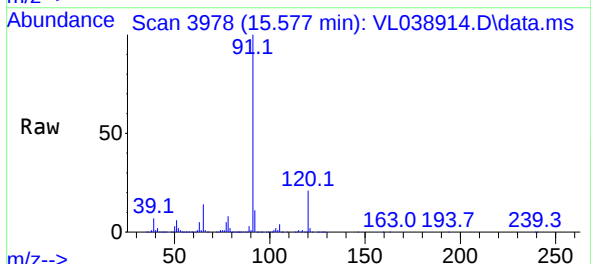
Tgt Ion: 83 Resp: 179333
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.3 33.0 99.0

Manual Integrations
APPROVED

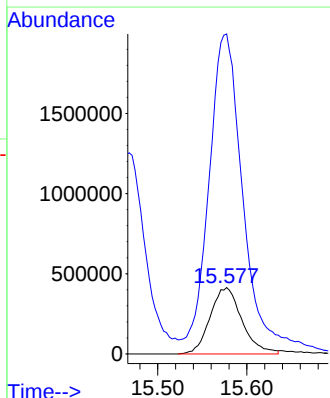
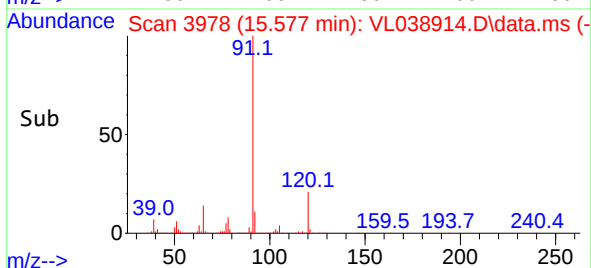
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

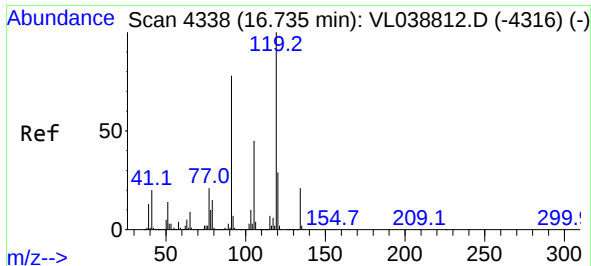


#64
n-propylbenzene
Concen: 8.787 ppbv
RT: 15.577 min Scan# 3978
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



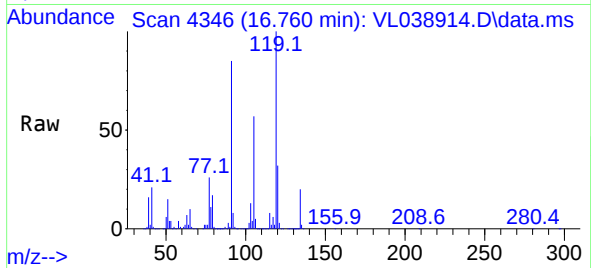
Tgt Ion:120 Resp: 1026114
Ion Ratio Lower Upper
120 100
91 527.7 360.6 540.8





#65
tert-Butylbenzene
Concen: 9.057 ppbv
RT: 16.760 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

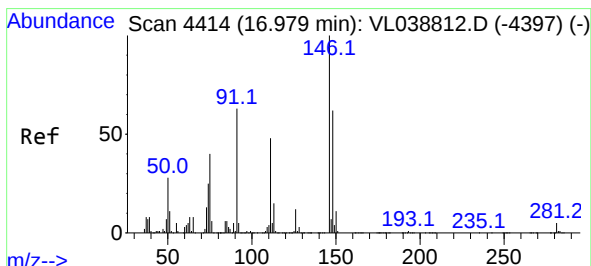
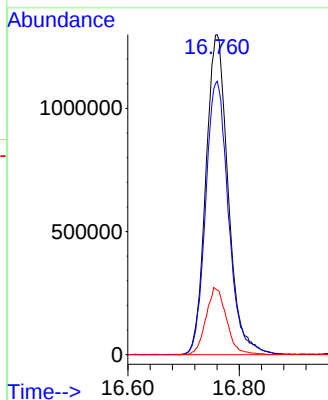
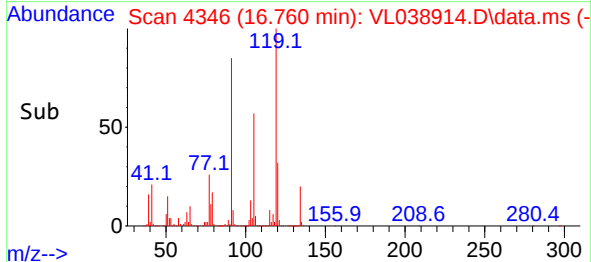
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



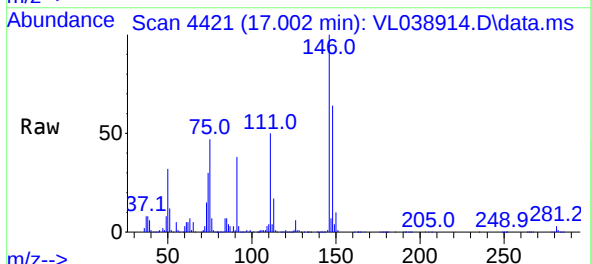
Tgt Ion: 119 Resp: 3614019
Ion Ratio Lower Upper
119 100
91 87.6 62.8 94.2
134 19.3 16.2 24.4

Manual Integrations
APPROVED

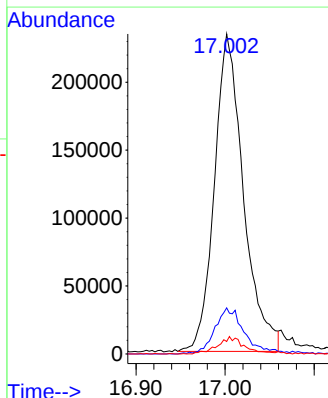
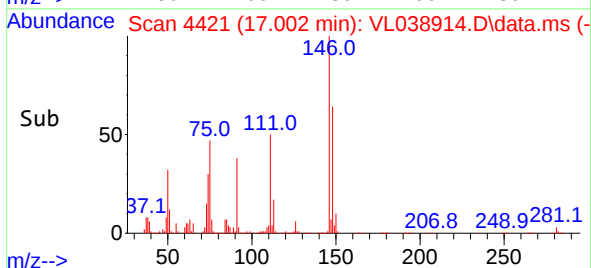
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

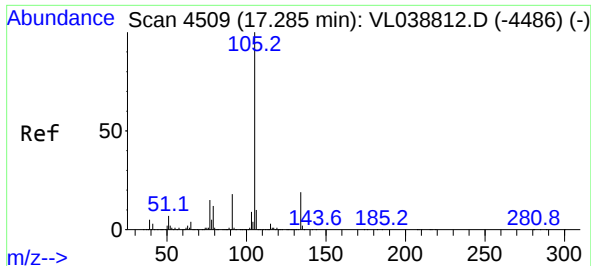


#66
Benzyl Chloride
Concen: 6.516 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion: 91 Resp: 529326
Ion Ratio Lower Upper
91 100
126 15.3 15.4 23.0#
128 5.1 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.287 ppbv
 RT: 17.307 min Scan# 41
 Delta R.T. 0.022 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42

Instrument :

MSVOA_L

ClientSampleId :

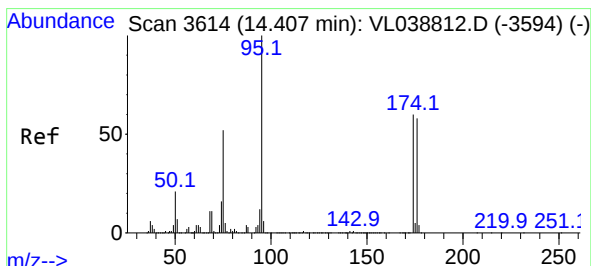
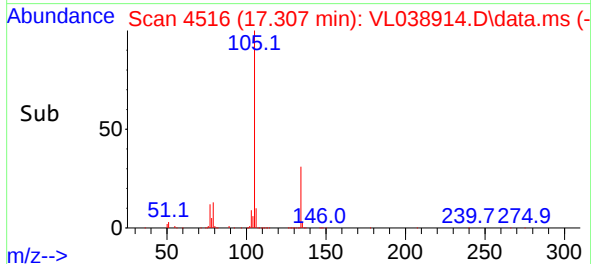
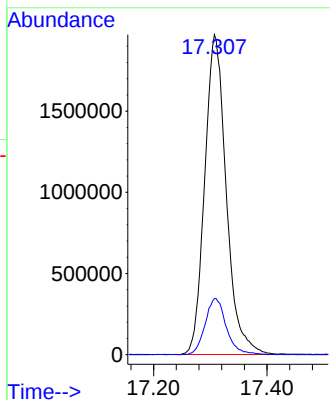
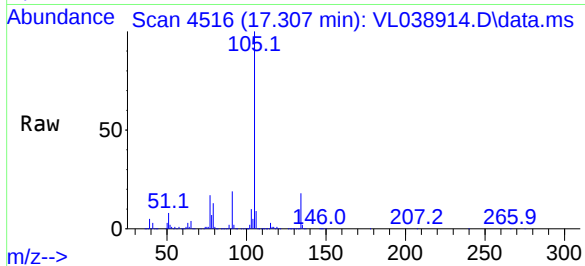
VSTDCCC010EC

Tgt Ion:105 Resp: 5200190
 Ion Ratio Lower Upper
 105 100
 134 17.4 15.1 22.7

Manual Integrations

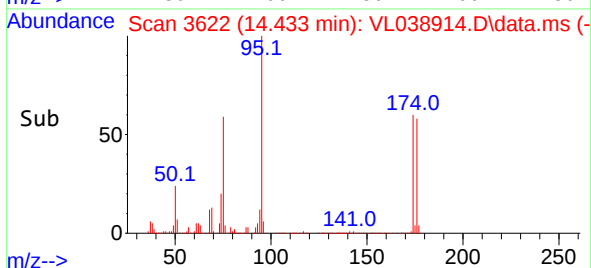
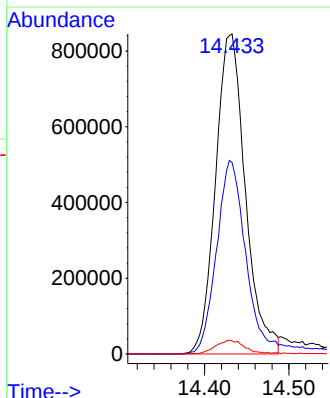
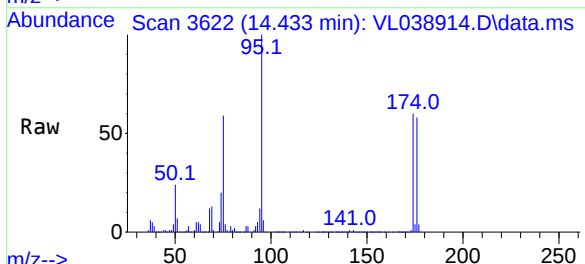
APPROVED

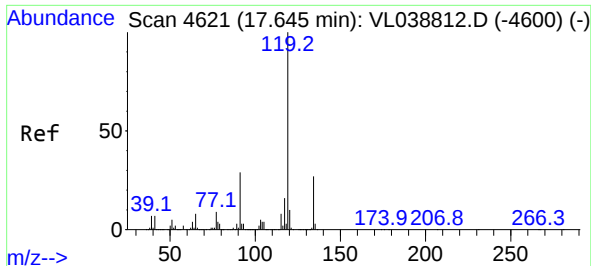
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.718 ppbv
 RT: 14.433 min Scan# 3622
 Delta R.T. 0.026 min
 Lab File: VL038914.D
 Acq: 14 Apr 2022 9:42

Tgt Ion: 95 Resp: 2073749
 Ion Ratio Lower Upper
 95 100
 174 63.0 52.0 78.0
 175 4.6 4.0 6.0





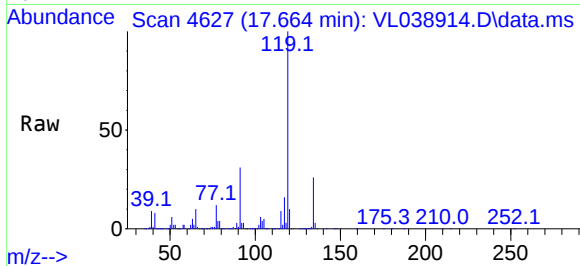
#69
p-Isopropyltoluene
Concen: 9.363 ppbv
RT: 17.664 min Scan# 40
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

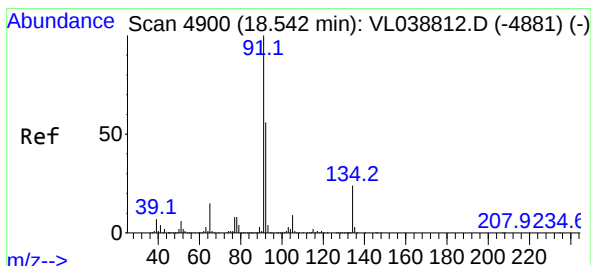
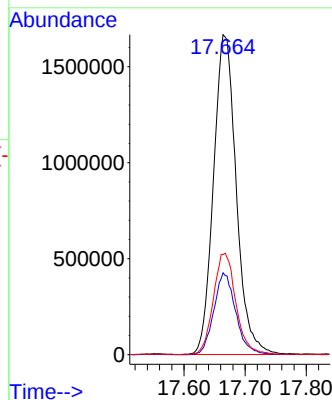
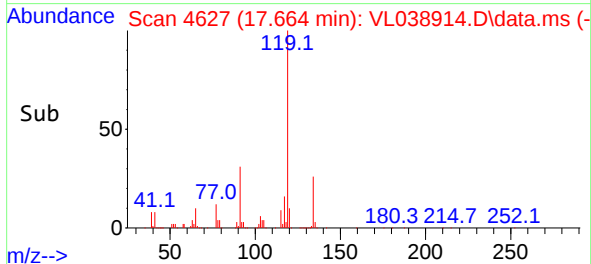


Tgt Ion: 119 Resp: 4304849
Ion Ratio Lower Upper
119 100
134 24.7 20.8 31.2
91 31.5 22.6 34.0

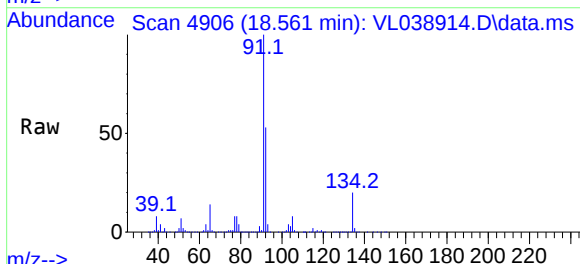
Manual Integrations

APPROVED

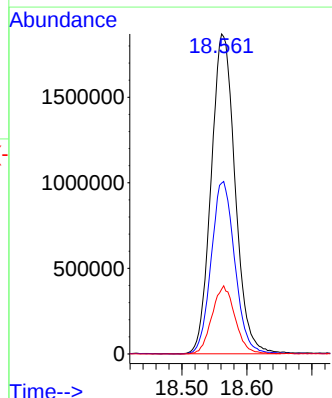
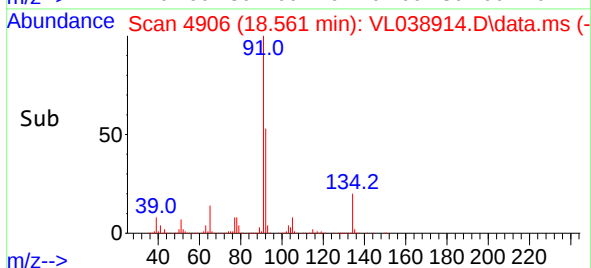
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

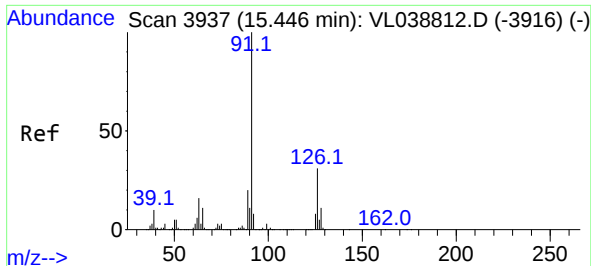


#70
n-Butylbenzene
Concen: 10.314 ppbv
RT: 18.561 min Scan# 4906
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion: 91 Resp: 4777124
Ion Ratio Lower Upper
91 100
92 53.5 44.6 66.8
134 20.7 19.2 28.8





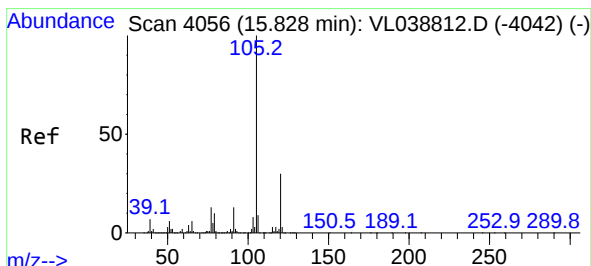
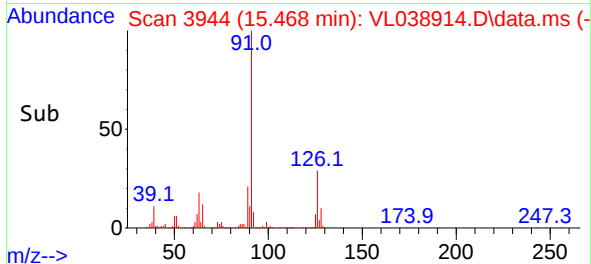
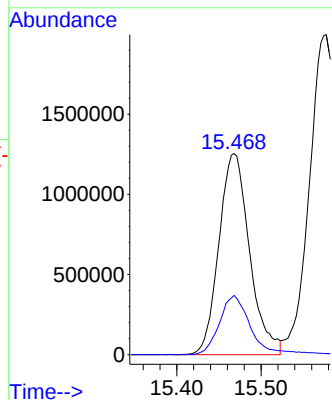
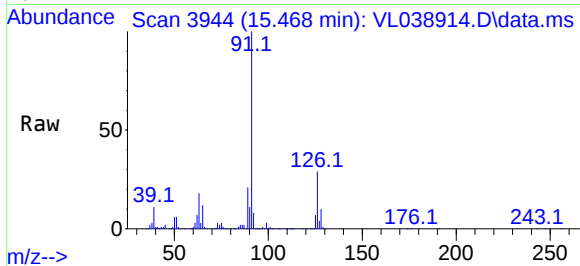
#71
2-Chlorotoluene
Concen: 9.373 ppbv
RT: 15.468 min Scan# 3937
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 316990
Ion Ratio Lower Upper
91 100
126 30.4 13.0 51.8

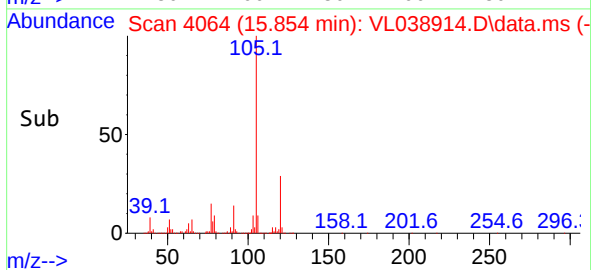
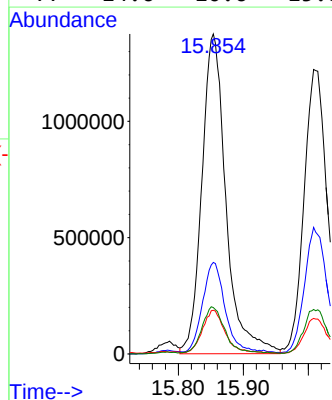
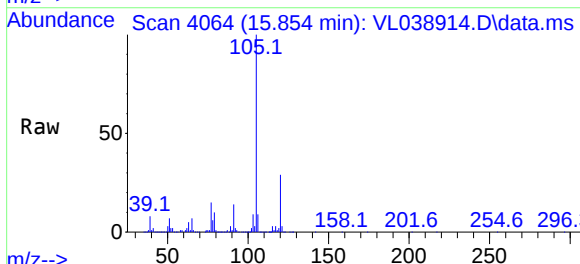
Manual Integrations
APPROVED

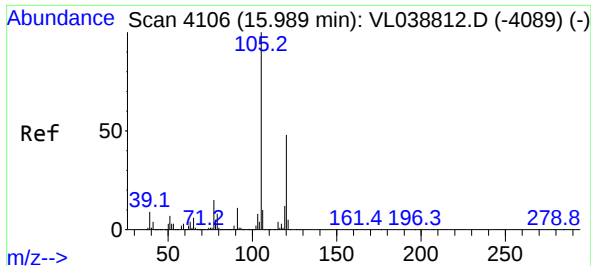
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#72
4-Ethyltoluene
Concen: 9.927 ppbv
RT: 15.854 min Scan# 4064
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

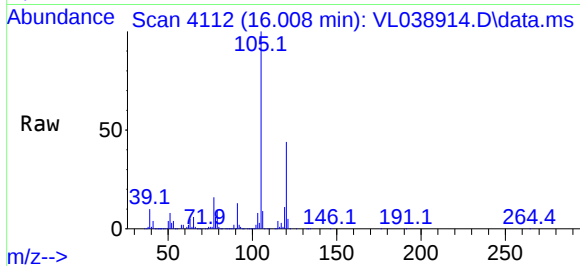
Tgt Ion:105 Resp: 3551982
Ion Ratio Lower Upper
105 100
120 27.9 24.3 36.5
91 12.7 9.4 14.2
77 14.6 10.6 15.8





#73
1,3,5-Trimethylbenzene
Concen: 9.638 ppbv
RT: 16.008 min Scan# 4112
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

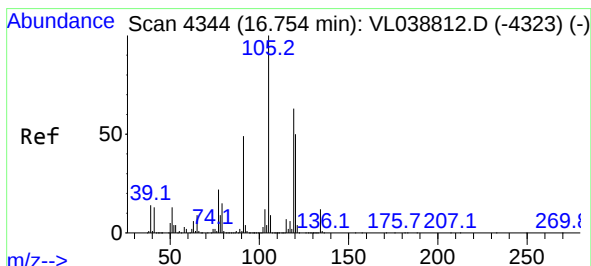
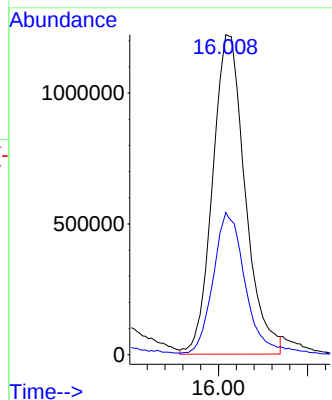
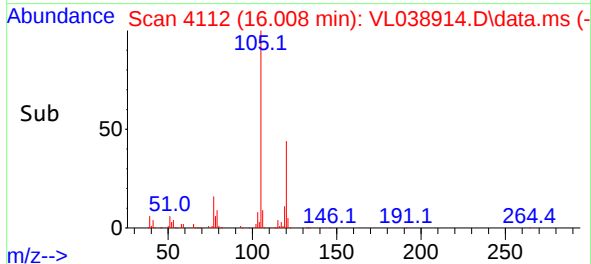
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



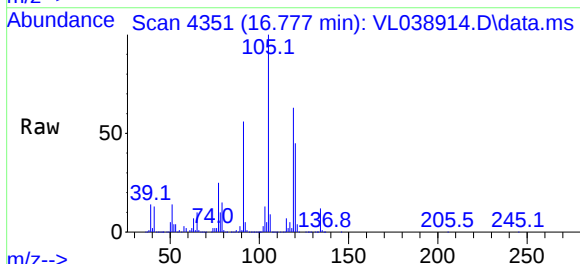
Tgt Ion:105 Resp: 3098029
Ion Ratio Lower Upper
105 100
120 44.6 38.7 58.1

Manual Integrations
APPROVED

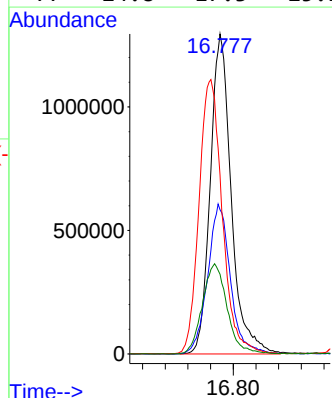
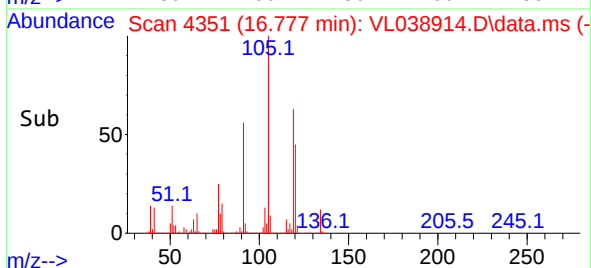
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

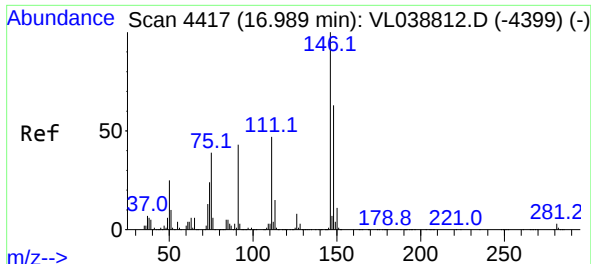


#74
1,2,4-Trimethylbenzene
Concen: 9.775 ppbv
RT: 16.777 min Scan# 4351
Delta R.T. 0.022 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion:105 Resp: 3321295
Ion Ratio Lower Upper
105 100
120 44.9 39.8 59.8
91 55.7 39.4 59.0
77 24.8 17.3 25.9





#75

1,3-Dichlorobenzene

Concen: 9.385 ppbv

RT: 17.008 min Scan# 4417

Delta R.T. 0.019 min

Lab File: VL038914.D

Acq: 14 Apr 2022 9:42

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 185145

Ion Ratio Lower Upper

146 100

111 48.7 23.8 71.2

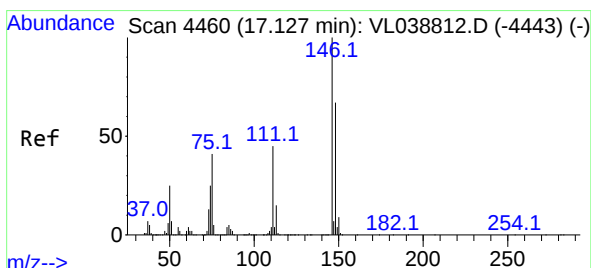
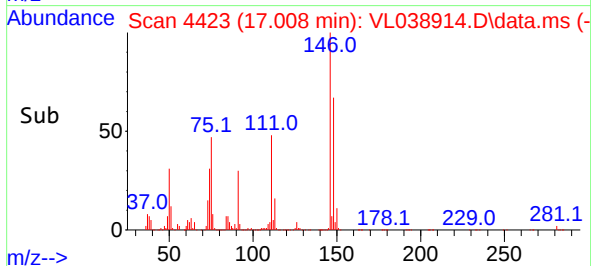
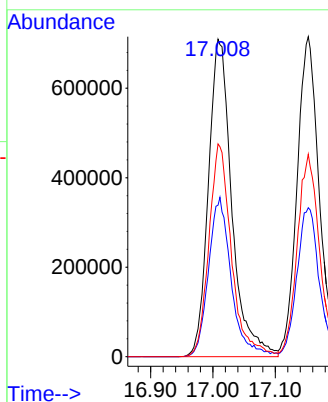
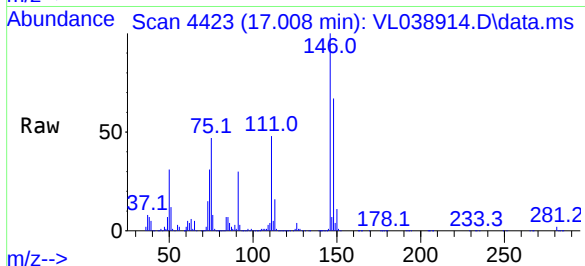
148 64.6 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022

Supervised By :Mahesh Dadoda 04/18/2022



#76

1,4-Dichlorobenzene

Concen: 9.182 ppbv

RT: 17.153 min Scan# 4468

Delta R.T. 0.026 min

Lab File: VL038914.D

Acq: 14 Apr 2022 9:42

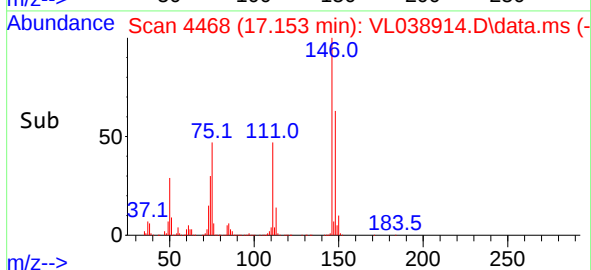
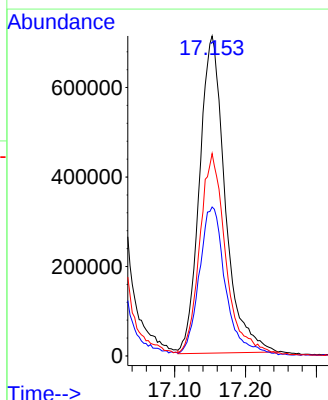
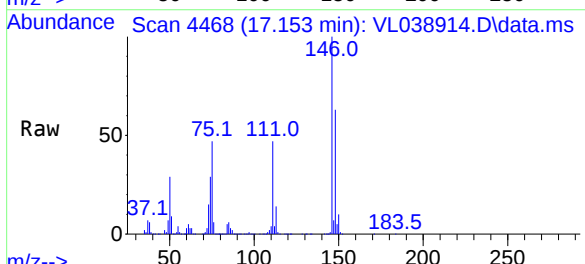
Tgt Ion:146 Resp: 1784368

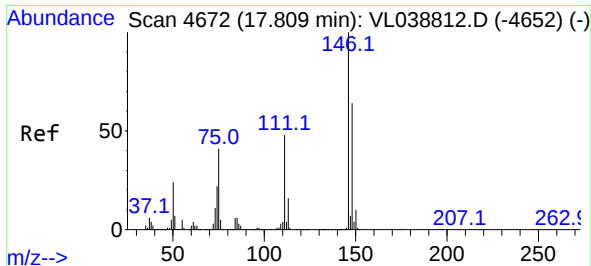
Ion Ratio Lower Upper

146 100

111 49.4 23.6 70.8

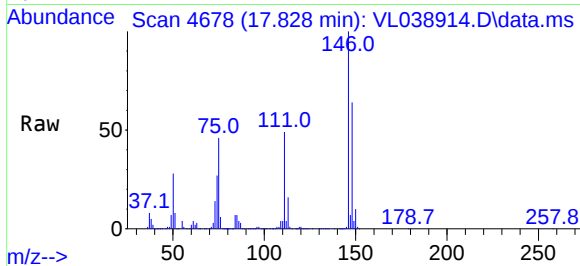
148 66.0 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 8.993 ppbv
RT: 17.828 min Scan# 406
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

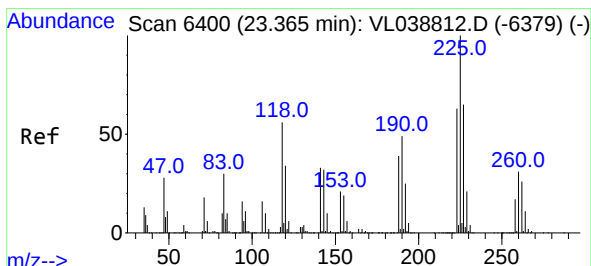
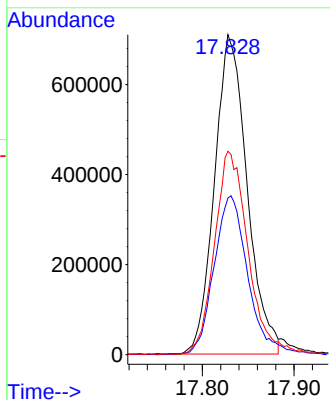
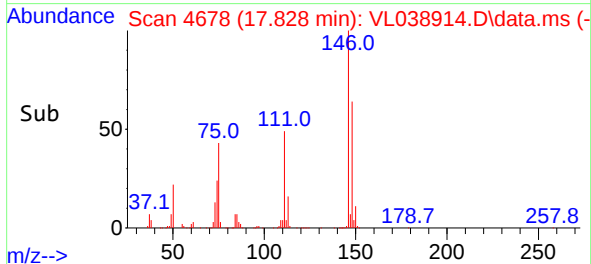
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



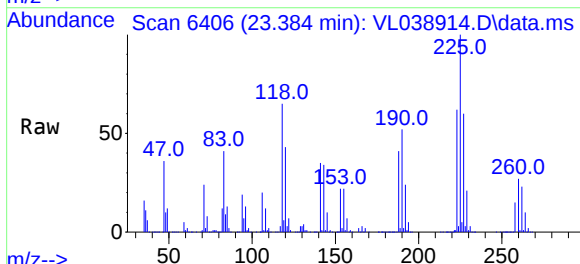
Tgt Ion:146 Resp: 1748889
Ion Ratio Lower Upper
146 100
111 52.0 24.8 74.3
148 66.3 31.9 95.7

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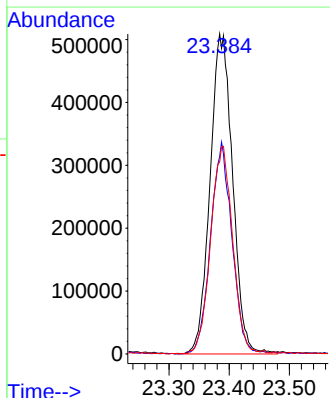
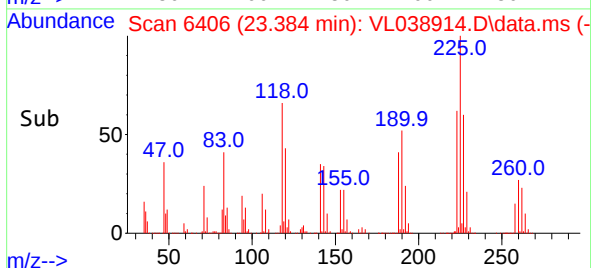
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

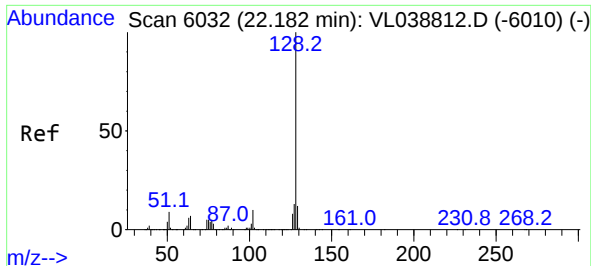


#78
Hexachloro-1,3-Butadiene
Concen: 8.636 ppbv m
RT: 23.384 min Scan# 6406
Delta R.T. 0.019 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



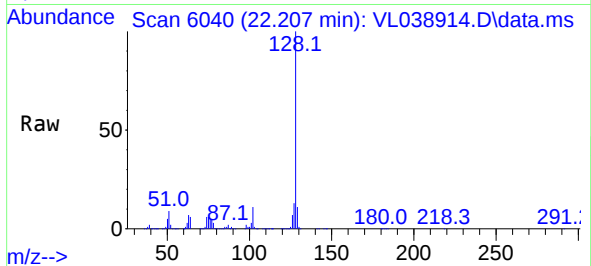
Tgt Ion:225 Resp: 1327023
Ion Ratio Lower Upper
225 100
223 62.8 51.6 77.4
227 63.4 52.3 78.5





#79
Naphthalene
Concen: 10.185 ppbv
RT: 22.207 min Scan# 6032
Delta R.T. 0.026 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

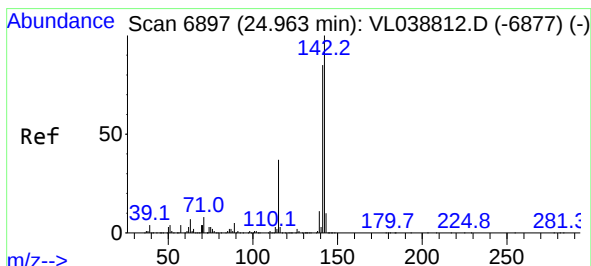
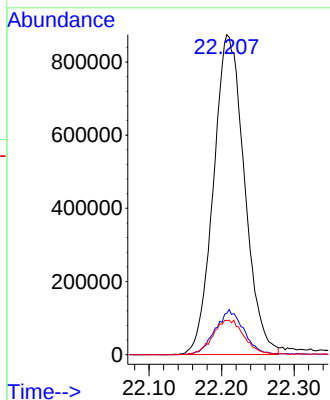
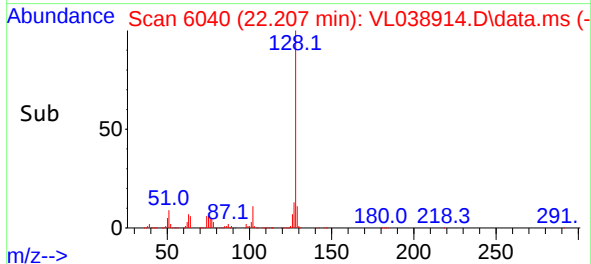
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



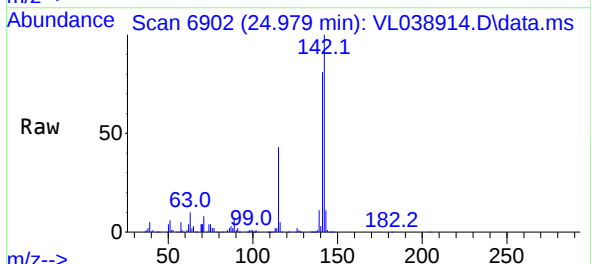
Tgt Ion:128 Resp: 258886
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 10.7 9.4 14.0

Manual Integrations
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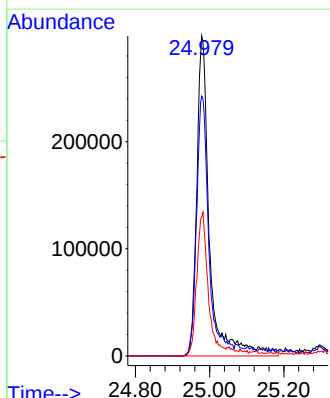
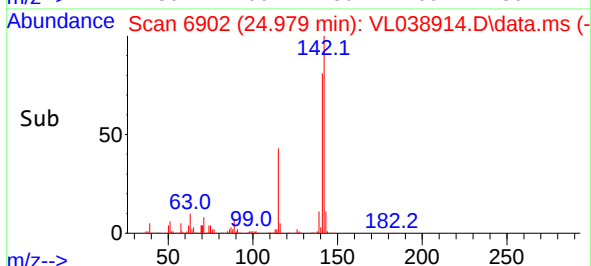
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



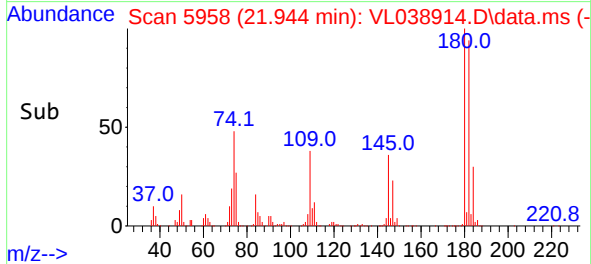
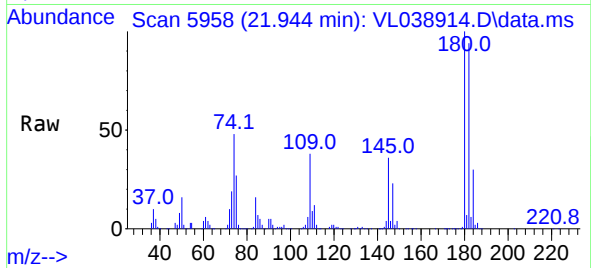
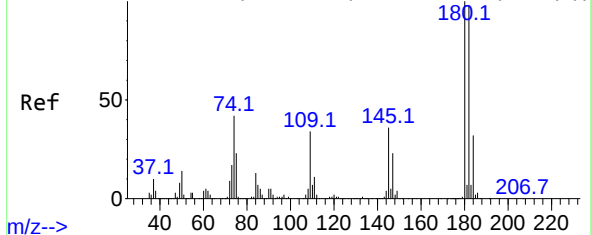
#80
Naphthalene,2-methyl-
Concen: 11.447 ppbv
RT: 24.979 min Scan# 6902
Delta R.T. 0.016 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42



Tgt Ion:142 Resp: 716939
Ion Ratio Lower Upper
142 100
141 80.5 68.8 103.2
115 42.4 31.6 47.4



Abundance Scan 5949 (21.915 min): VL038812.D (-5926) (-)



#81
1,2,4-Trichlorobenzene
Concen: 9.887 ppbv m
RT: 21.944 min Scan# 5958
Delta R.T. 0.029 min
Lab File: VL038914.D
Acq: 14 Apr 2022 9:42

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion:180 Resp: 147075
Ion Ratio Lower Upper
180 100
182 96.0 79.4 119.0
184 30.6 25.0 37.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

