

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022322\
 Data File : VL038407.D
 Acq On : 23 Feb 2022 13:23
 Operator : SY/AP
 Sample : VL0223ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0223ABS01

Quant Time: Feb 24 07:26:21 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/25/2022

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

Internal Standards						
1) Bromochloromethane	5.674	49	941940	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.182	114	2289885	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.089	117	2017212m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 1719304 10.301 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.060	85	1324213	8.876	ppbv	98
3) Chlorodifluoromethane	2.999	51	1571001	9.445	ppbv	99
4) Chloromethane	3.150	50	548849	9.497	ppbv	95
5) Vinyl Chloride	3.266	62	560460	9.276	ppbv	96
6) Bromomethane	3.484	94	318041	9.980	ppbv	99
7) Chloroethane	3.568	64	192085	9.899	ppbv	98
8) Dichlorotetrafluoroethane	3.198	85	1370833	9.878	ppbv	98
9) Propene	3.021	41	518432	9.440	ppbv	100
10) Heptane	8.131	43	1322625	9.894	ppbv	99
11) Trichlorofluoromethane	3.960	101	1389945	9.731	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.494	101	946650	9.040	ppbv	98
13) Ethanol	3.626	45	40984	7.478	ppbv	100
14) Bromoethene	3.751	108	409644	9.819	ppbv	99
15) Acetone	3.861	43	675513	8.433	ppbv	98
16) 1,3-Butadiene	3.337	39	541563	10.122	ppbv	98
17) tert-Butyl alcohol	4.295	59	786115	9.837	ppbv	99
18) 1,1-Dichloroethene	4.298	96	422944	9.199	ppbv	99
19) Isopropyl Alcohol	3.973	45	444236	9.577	ppbv #	98
20) Methylene Chloride	4.353	84	331827	8.361	ppbv	95
21) Allyl Chloride	4.420	41	621855	9.191	ppbv	97
22) trans-1,2-Dichloroethene	4.893	96	443435	9.559	ppbv	98
23) Vinyl Acetate	5.079	43	970702	9.144	ppbv	99
24) 1,1-Dichloroethane	5.018	63	874742	9.166	ppbv	100
25) Ethyl Acetate	5.684	43	2071602	9.626	ppbv	99
26) Hexane	5.693	57	939860	9.644	ppbv	99
27) Carbon Disulfide	4.558	76	1071525	9.884	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	932027	9.389	ppbv	98
29) Chloroform	5.758	83	1562392	9.823	ppbv	98
30) Cyclohexane	7.137	84	776322	9.740	ppbv	99
31) cis-1,2-Dichloroethene	5.558	61	943768	9.995	ppbv	99
32) 1,1,1-Trichloroethane	6.517	97	1556477	9.730	ppbv	99
34) 2-Butanone	5.250	43	934565	12.977	ppbv	100
35) Carbon Tetrachloride	7.025	117	1606163	9.975	ppbv	99
36) Benzene	6.899	78	1967952	9.762	ppbv	97
37) 1,2-Dichloroethane	6.311	62	1172361	10.064	ppbv	100
38) Trichloroethene	7.841	130	685426	9.335	ppbv	98
39) 1,2-Dichloropropane	7.619	63	771785	9.612	ppbv	96
40) 1,4-Dioxane	7.841	88	174529	9.164	ppbv #	1
41) Tetrahydrofuran	6.060	42	497036	10.214	ppbv	99
42) Bromodichloromethane	7.796	83	1720198	10.226	ppbv	99
43) Methyl Methacrylate	8.018	69	734895	10.487	ppbv	99
44) 2,2,4-Trimethylpentane	7.873	57	3361736	9.702	ppbv	100
45) t-1,3-Dichloropropene	9.282	75	595692	10.636	ppbv	98

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Instrument :
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 ClientSampleId :
 VL0223ABS01

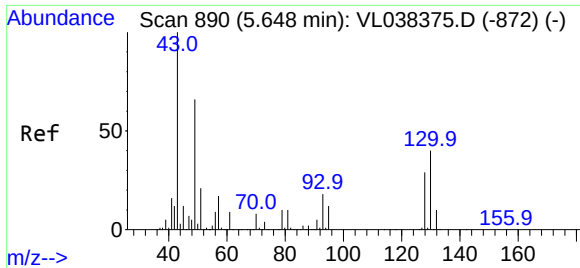
Quant Time: Feb 24 07:26:21 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL02222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/24/2022
 Supervised By : Mahesh Dadoda 02/25/2022

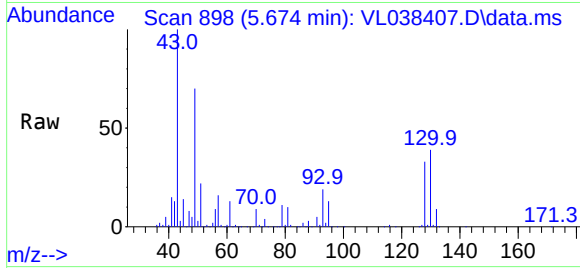
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	752515	10.252	ppbv	95
47) 1,1,2-Trichloroethane	9.481	97	761442	9.532	ppbv	95
48) Dibromochloromethane	10.307	129	1280952	9.807	ppbv	100
49) Bromoform	13.044	173	870254	9.026	ppbv	99
50) 4-Methyl-2-Pentanone	8.748	43	1316867	10.342	ppbv	99
51) 2-Hexanone	10.140	43	574392	10.076	ppbv #	99
52) Tetrachloroethene	11.227	164	596848	8.919	ppbv	97
53) Toluene	9.809	91	2147479	9.811	ppbv	100
54) 1,2-Dibromoethane	10.616	107	1094405	9.732	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.130	131	815908	9.704	ppbv #	54
57) Chlorobenzene	12.150	112	1435607	9.224	ppbv	99
58) Ethyl Benzene	12.712	91	2734093	9.912	ppbv	99
59) m/p-Xylene	12.995	91	4562158m	19.258	ppbv	
60) o-Xylene	13.696	91	2119047	9.462	ppbv	100
61) Styrene	13.529	104	1044659	10.114	ppbv	98
62) Isopropylbenzene	14.667	105	2800752	9.318	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.680	83	1436753	7.896	ppbv	99
64) n-propylbenzene	15.561	120	680815	9.149	ppbv	92
65) tert-Butylbenzene	16.748	119	2274292	8.736	ppbv	99
66) Benzyl Chloride	16.986	91	104923	7.459	ppbv	97
67) sec-Butylbenzene	17.294	105	3178352	8.617	ppbv	99
69) p-Isopropyltoluene	17.654	119	2540739	8.769	ppbv	99
70) n-Butylbenzene	18.548	91	2674477	8.920	ppbv	99
71) 2-Chlorotoluene	15.455	91	2048526	8.863	ppbv	100
72) 4-Ethyltoluene	15.841	105	2250266	9.120	ppbv	99
73) 1,3,5-Trimethylbenzene	15.998	105	2007998	8.961	ppbv	99
74) 1,2,4-Trimethylbenzene	16.764	105	2072179	8.759	ppbv	98
75) 1,3-Dichlorobenzene	16.998	146	1100211	8.303	ppbv	99
76) 1,4-Dichlorobenzene	17.137	146	1036422	7.932	ppbv	98
77) 1,2-Dichlorobenzene	17.818	146	1045636	8.198	ppbv	100
78) Hexachloro-1,3-Butadiene	23.371	225	831271	8.546	ppbv	100
79) Naphthalene	22.194	128	1586887	12.380	ppbv	99
80) Naphthalene,2-methyl-	24.972	142	237416	9.477	ppbv	96
81) 1,2,4-Trichlorobenzene	21.924	180	854048	11.020	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 89
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

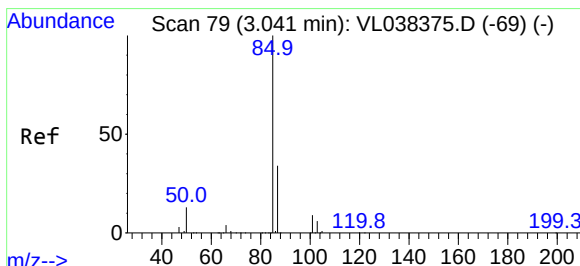
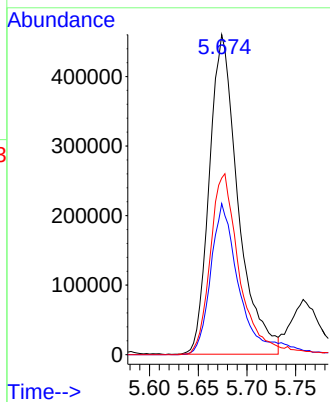
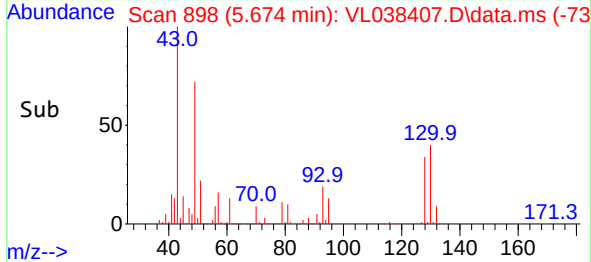
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



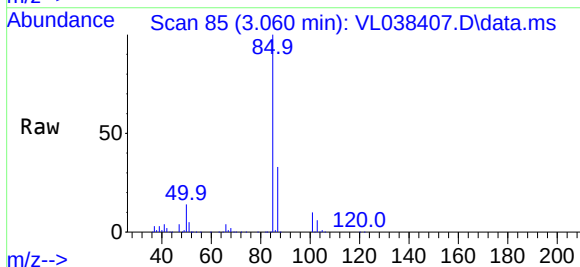
Tgt Ion: 49 Resp: 941940
Ion Ratio Lower Upper
49 100
128 48.8 24.3 72.9
130 59.5 30.1 90.5

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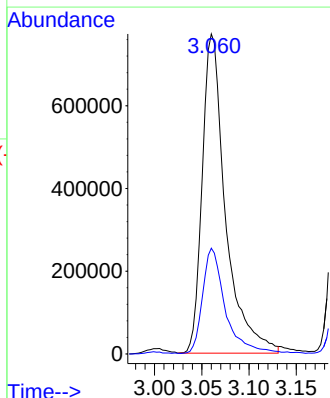
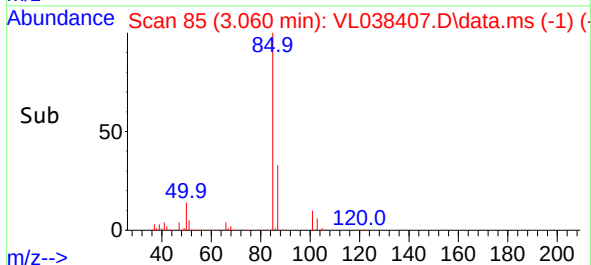
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

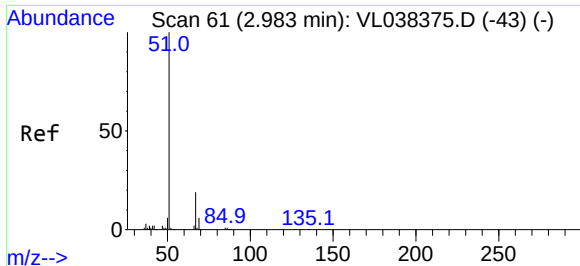


#2
Dichlorodifluoromethane
Concen: 8.876 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion: 85 Resp: 1324213
Ion Ratio Lower Upper
85 100
87 33.0 27.4 41.0





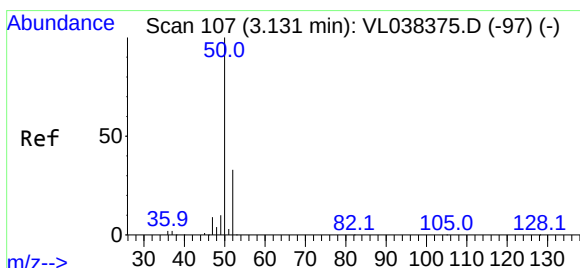
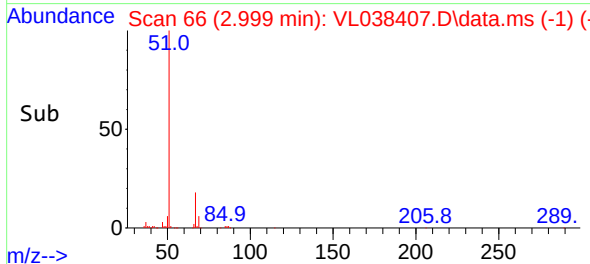
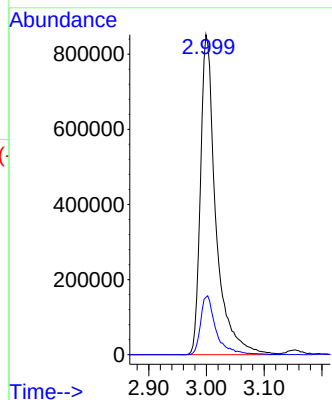
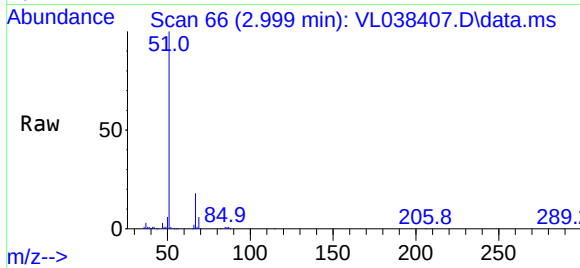
#3
Chlorodifluoromethane
Concen: 9.445 ppbv
RT: 2.999 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion: 51 Resp: 157100
Ion Ratio Lower Upper
51 100
67 18.7 14.7 22.1

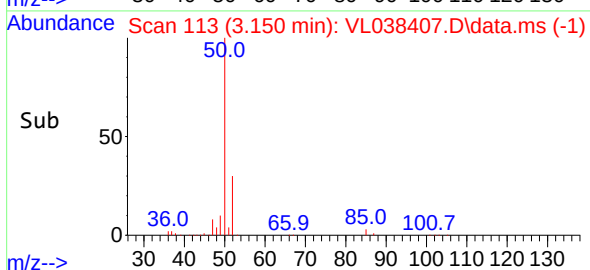
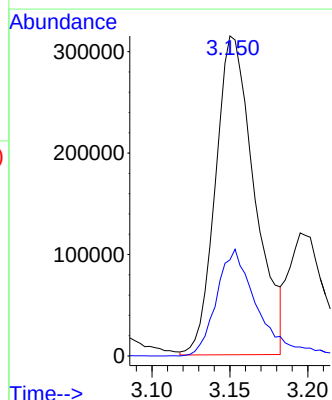
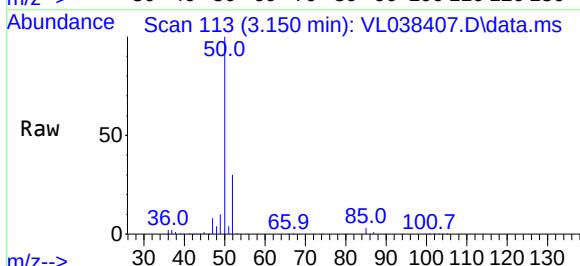
Manual Integrations
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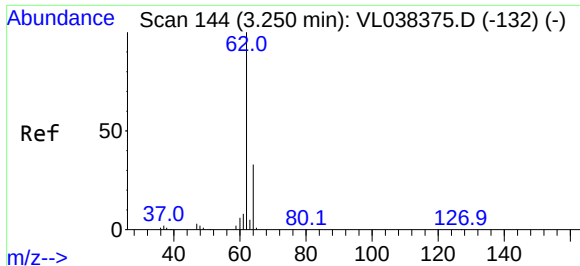
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#4
Chloromethane
Concen: 9.497 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.019 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

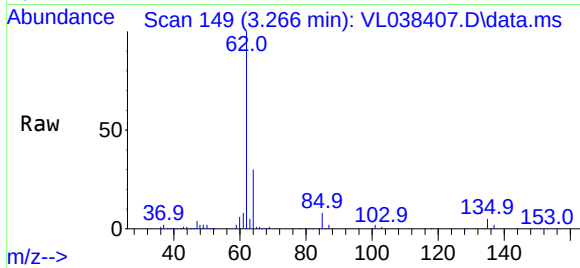
Tgt Ion: 50 Resp: 548849
Ion Ratio Lower Upper
50 100
52 30.4 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.276 ppbv
 RT: 3.266 min Scan# 144
 Delta R.T. 0.016 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

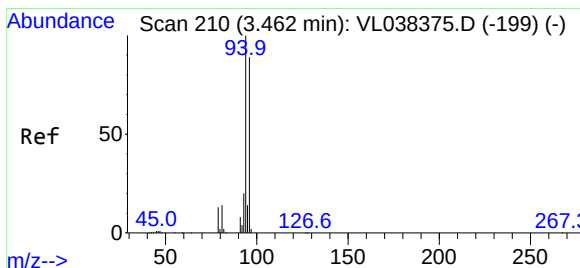
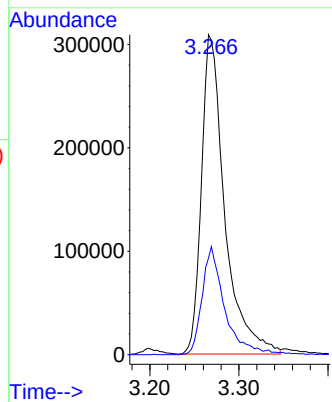
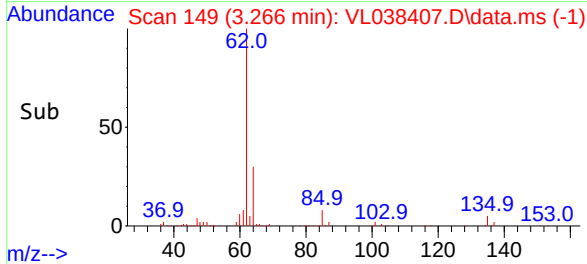
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0223ABS01



Tgt Ion: 62 Resp: 560460
 Ion Ratio Lower Upper
 62 100
 64 30.3 26.2 39.2

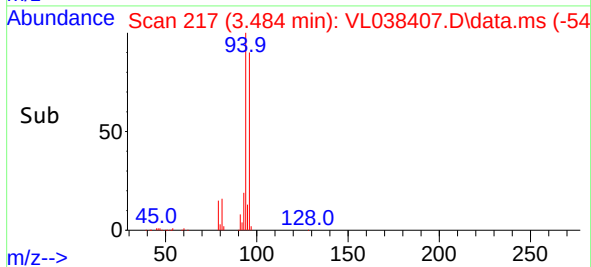
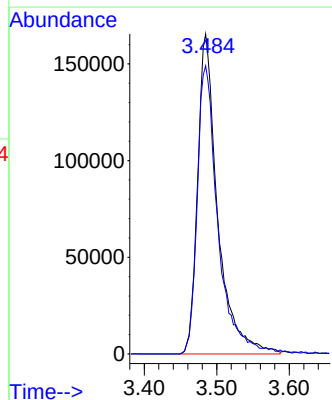
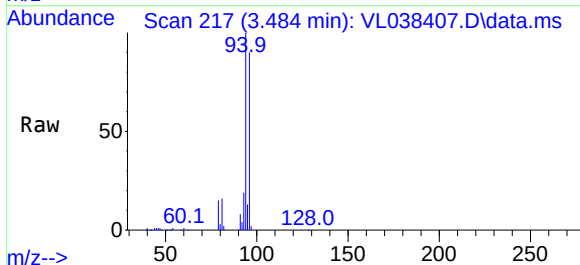
Manual Integrations
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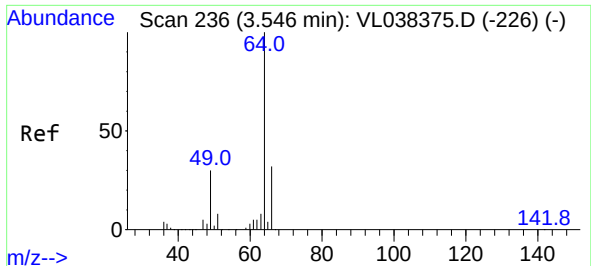
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#6
 Bromomethane
 Concen: 9.980 ppbv
 RT: 3.484 min Scan# 217
 Delta R.T. 0.023 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

Tgt Ion: 94 Resp: 318041
 Ion Ratio Lower Upper
 94 100
 96 90.1 71.0 106.6





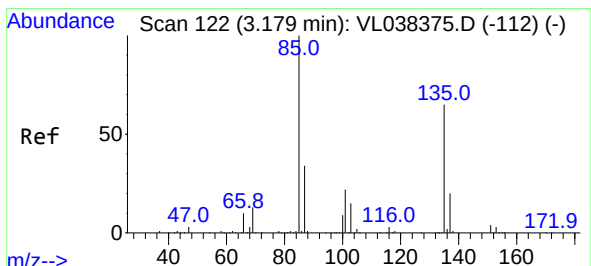
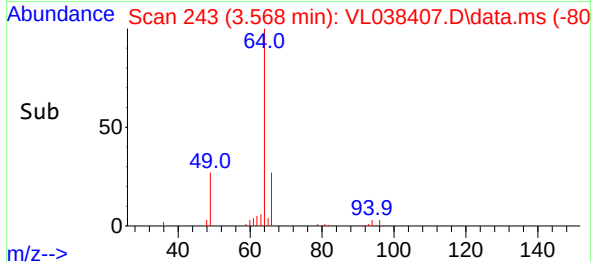
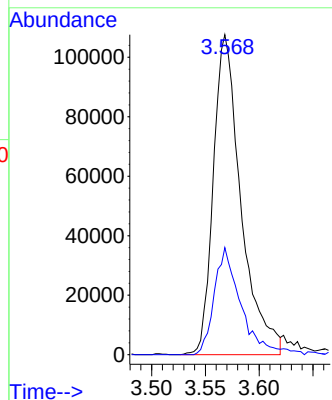
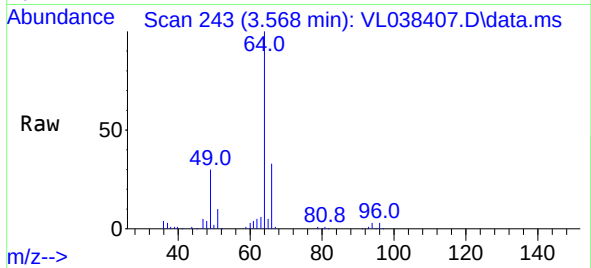
#7
Chloroethane
Concen: 9.899 ppbv
RT: 3.568 min Scan# 24
Delta R.T. 0.023 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion: 64 Resp: 192085
Ion Ratio Lower Upper
64 100
66 33.5 25.9 38.9

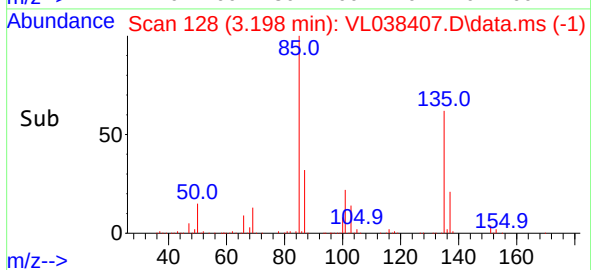
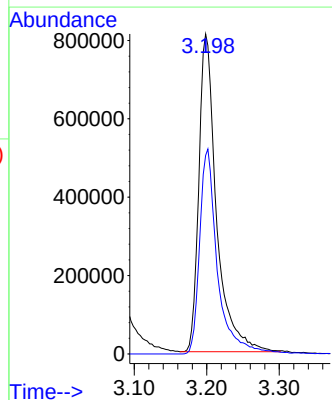
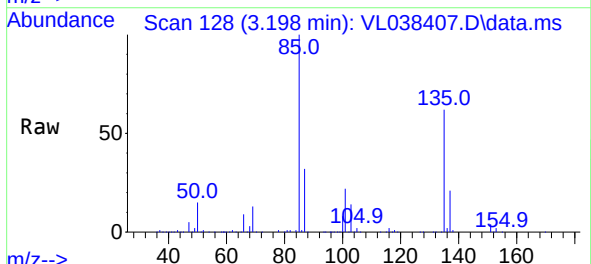
Manual Integrations
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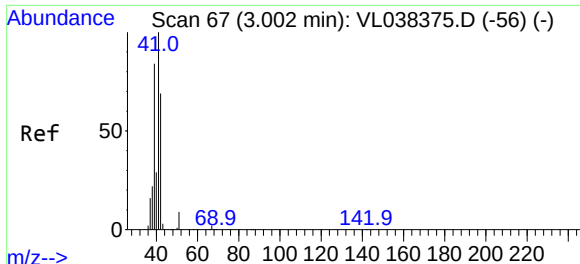
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#8
Dichlorotetrafluoroethane
Concen: 9.878 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.019 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion: 85 Resp: 1370833
Ion Ratio Lower Upper
85 100
135 65.6 54.1 81.1





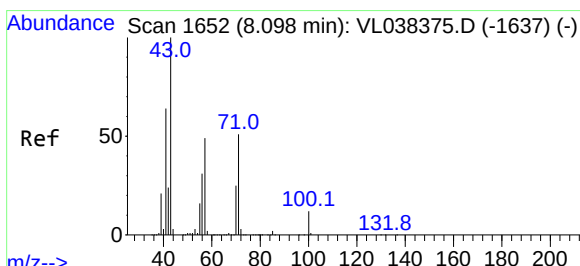
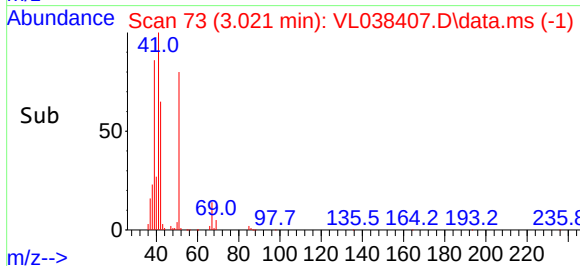
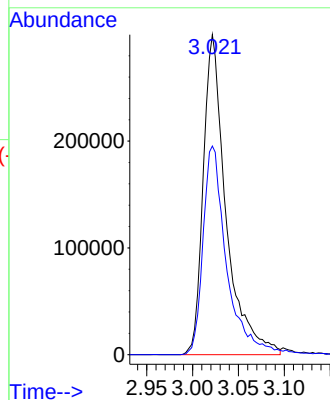
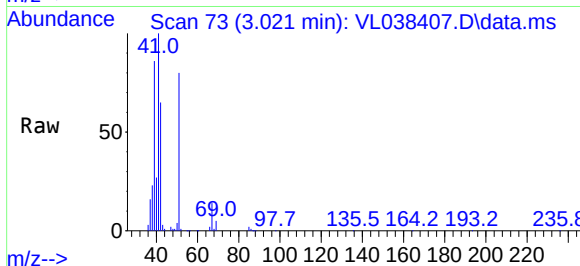
#9
 Propene
 Concen: 9.440 ppbv
 RT: 3.021 min Scan# 71
 Delta R.T. 0.019 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0223ABS01

Tgt Ion: 41 Resp: 51843
 Ion Ratio Lower Upper
 41 100
 42 68.2 54.6 82.0

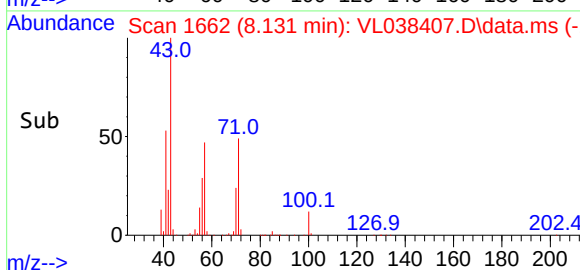
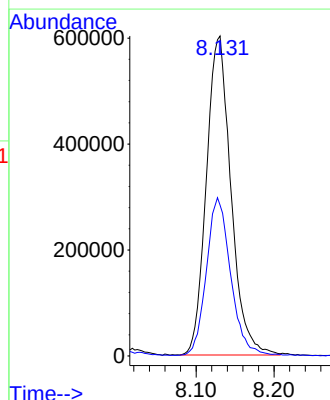
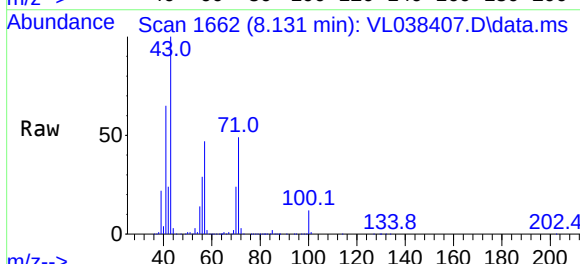
Manual Integrations
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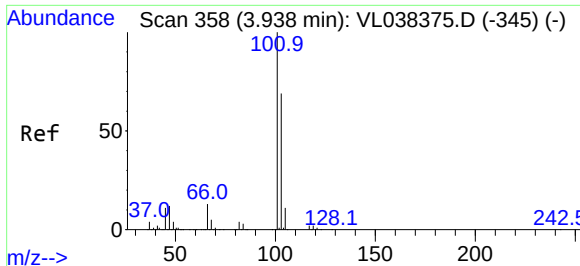
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#10
 Heptane
 Concen: 9.894 ppbv
 RT: 8.131 min Scan# 1662
 Delta R.T. 0.032 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

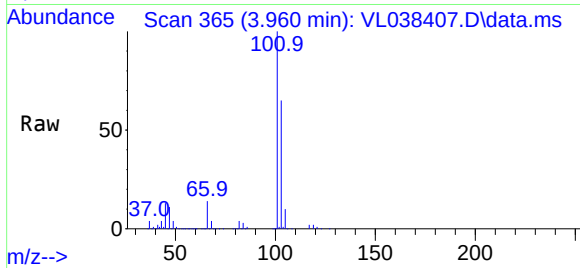
Tgt Ion: 43 Resp: 1322625
 Ion Ratio Lower Upper
 43 100
 57 49.2 39.8 59.8





#11
Trichlorofluoromethane
Concen: 9.731 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

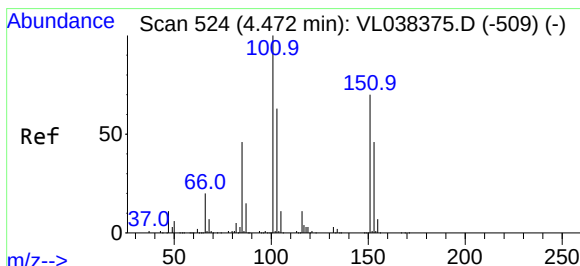
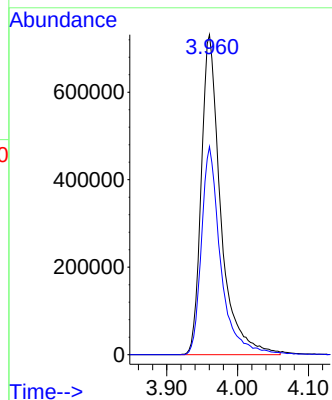
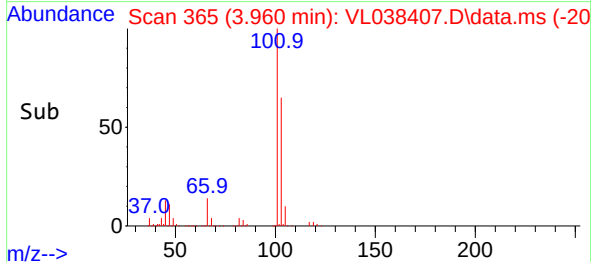
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



Tgt Ion:101 Resp: 138994
Ion Ratio Lower Upper
101 100
103 65.0 55.0 82.4

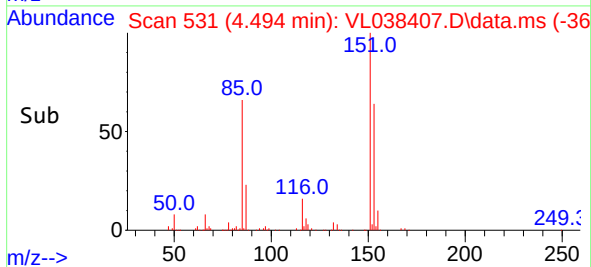
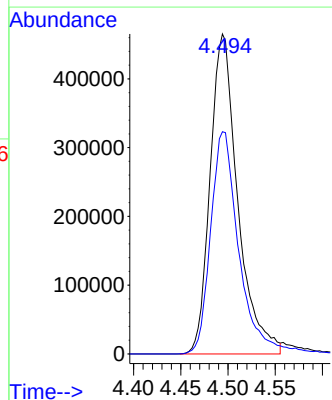
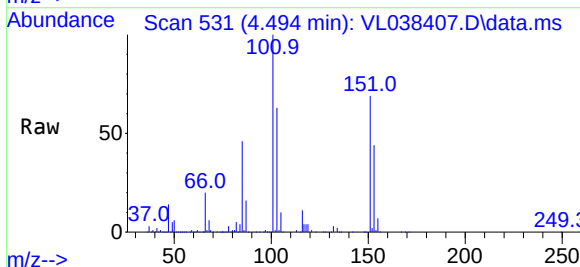
Manual Integrations
APPROVED

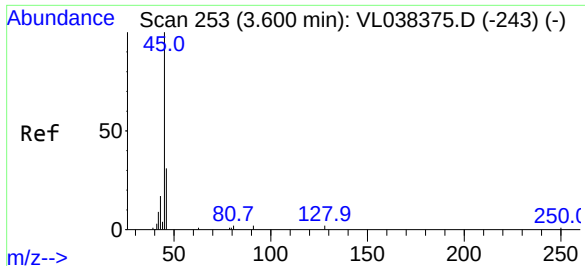
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.040 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.023 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

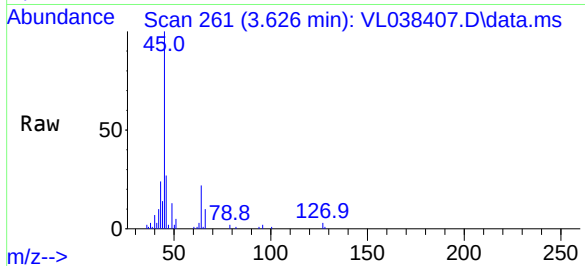
Tgt Ion:101 Resp: 946650
Ion Ratio Lower Upper
101 100
151 71.9 55.9 83.9





#13
Ethanol
Concen: 7.478 ppbv
RT: 3.626 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

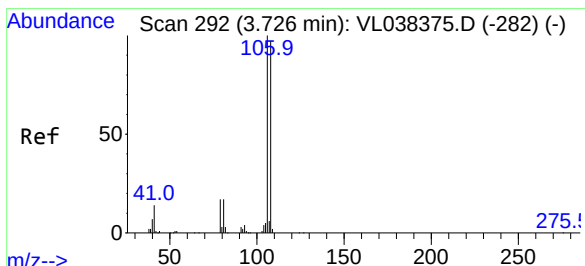
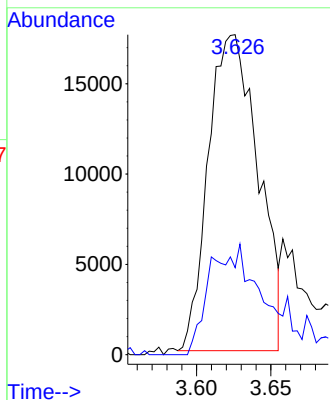
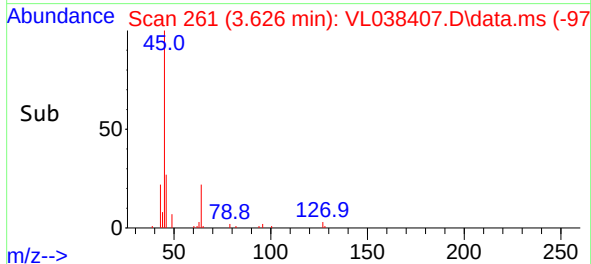
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



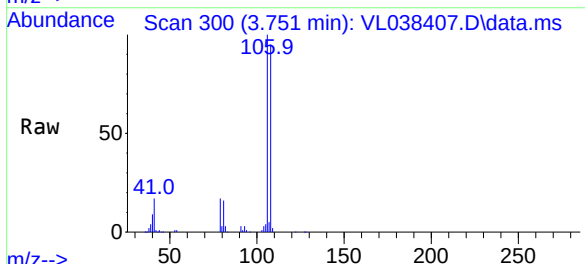
Tgt Ion: 45 Resp: 40984
Ion Ratio Lower Upper
45 100
46 45.7 18.2 72.8

Manual Integrations
APPROVED

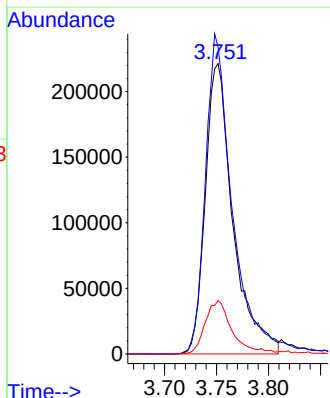
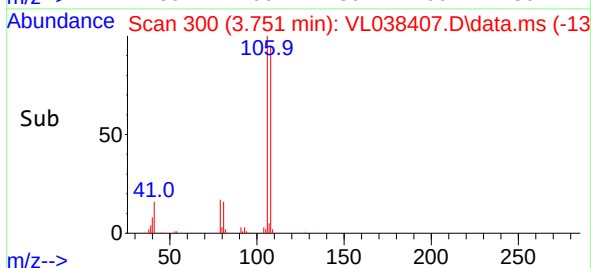
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

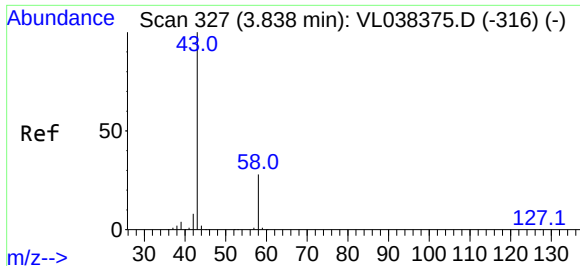


#14
Bromoethene
Concen: 9.819 ppbv
RT: 3.751 min Scan# 300
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion:108 Resp: 409644
Ion Ratio Lower Upper
108 100
106 109.5 88.4 132.6
79 19.0 15.0 22.6





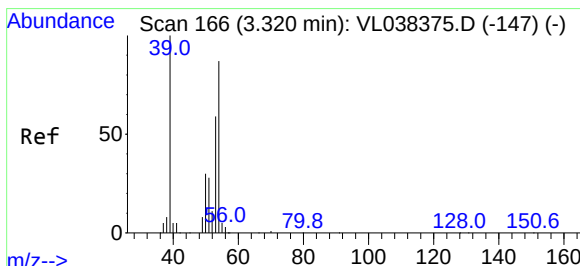
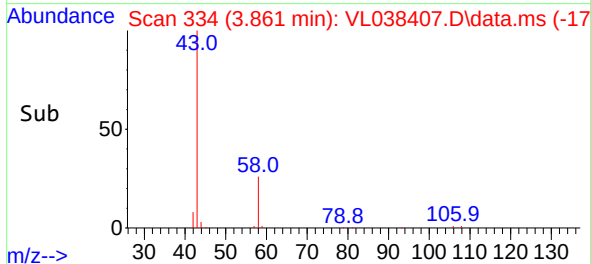
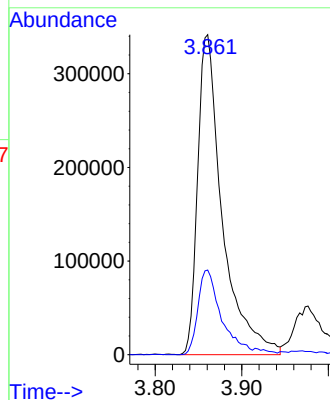
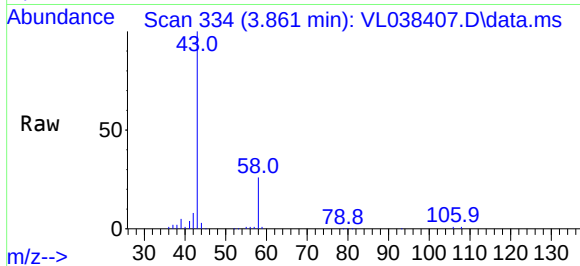
#15
Acetone
Concen: 8.433 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.023 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion: 43 Resp: 67551
Ion Ratio Lower Upper
43 100
58 26.1 21.7 32.5

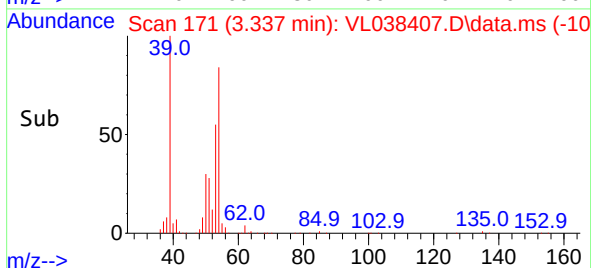
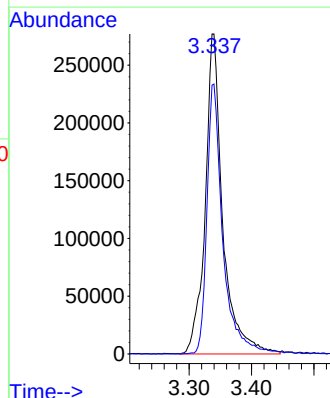
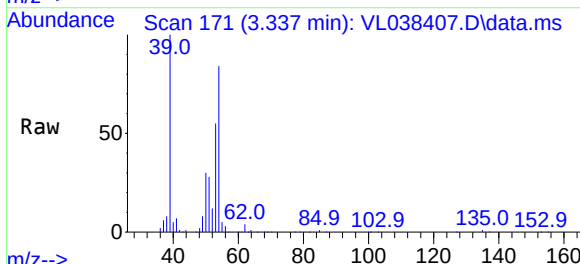
Manual Integrations
APPROVED

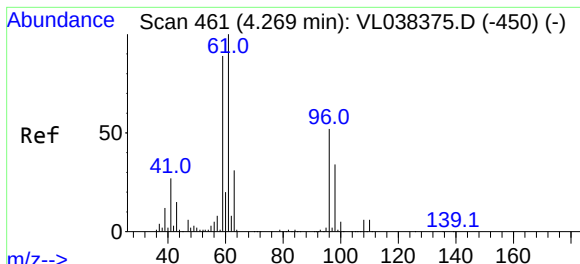
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#16
1,3-Butadiene
Concen: 10.122 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.016 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

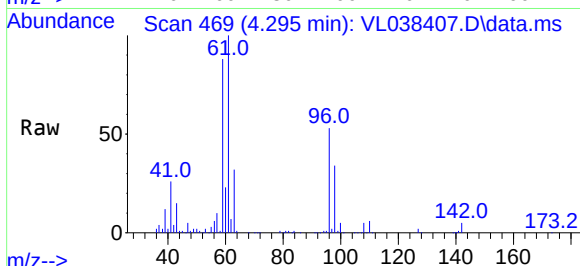
Tgt Ion: 39 Resp: 541563
Ion Ratio Lower Upper
39 100
54 77.0 60.3 90.5





#17
tert-Butyl alcohol
Concen: 9.837 ppbv
RT: 4.295 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

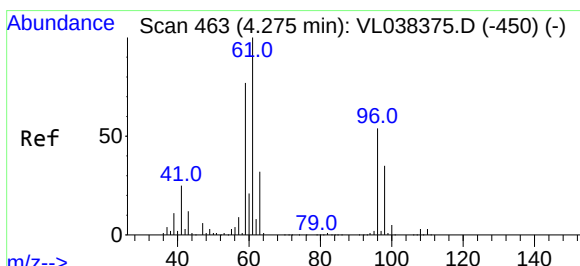
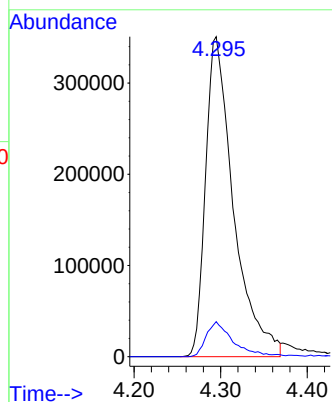
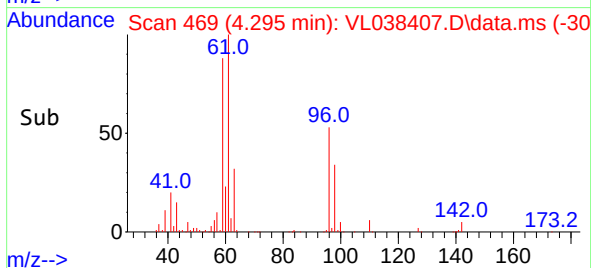
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



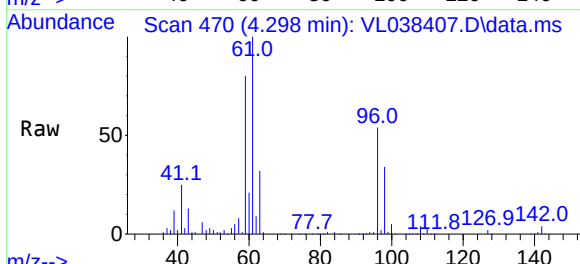
Tgt Ion: 59 Resp: 78611
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

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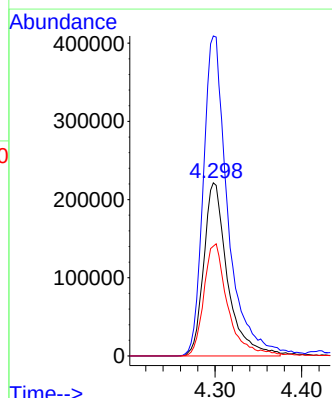
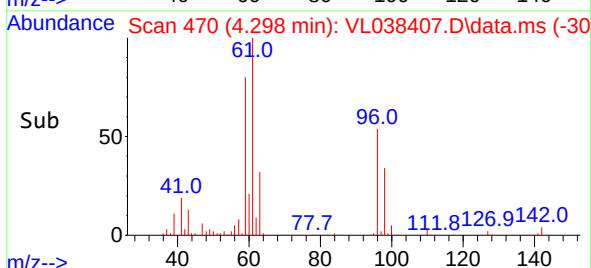
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

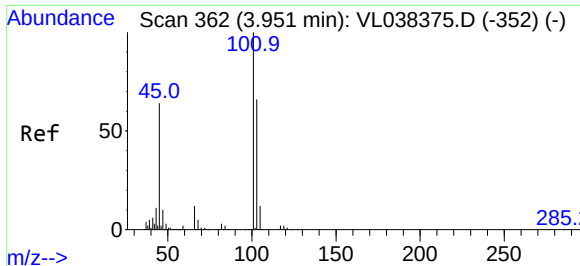


#18
1,1-Dichloroethene
Concen: 9.199 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.023 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion: 96 Resp: 422944
Ion Ratio Lower Upper
96 100
61 184.6 146.8 220.2
98 63.3 51.5 77.3





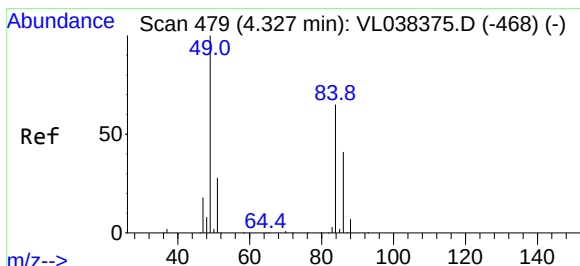
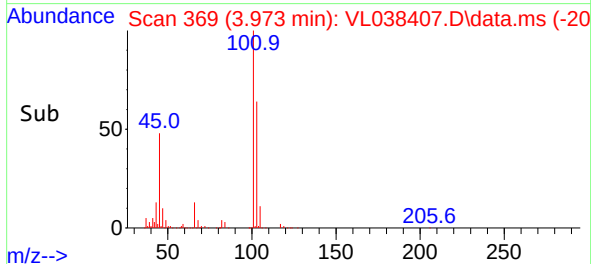
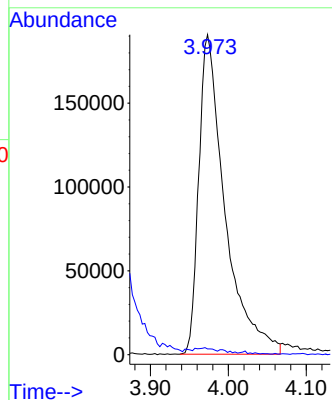
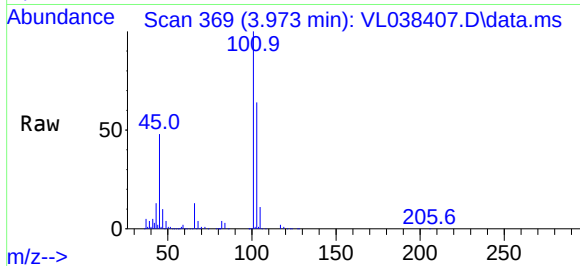
#19
Isopropyl Alcohol
Concen: 9.577 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion: 45 Resp: 444230
Ion Ratio Lower Upper
45 100
58 2.8 1.8 2.8

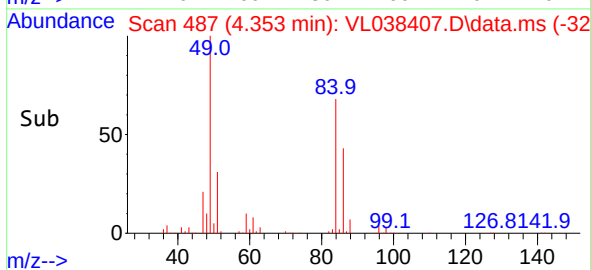
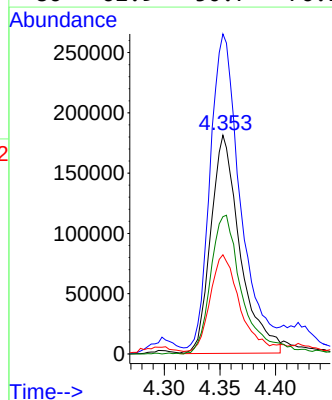
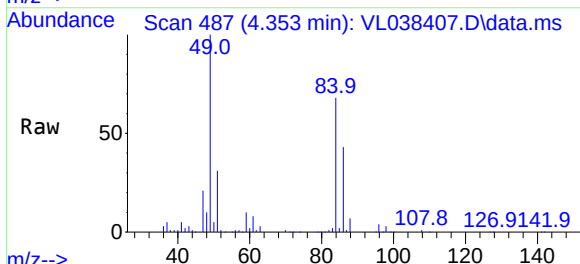
Manual Integrations
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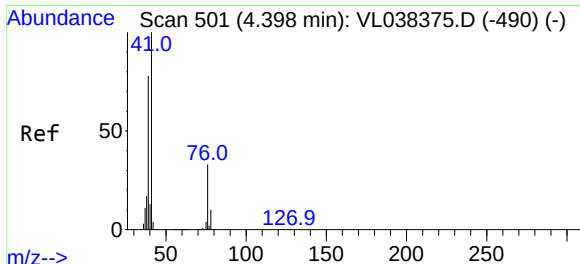
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#20
Methylene Chloride
Concen: 8.361 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion: 84 Resp: 331827
Ion Ratio Lower Upper
84 100
49 143.7 122.4 183.6
51 44.0 33.3 49.9
86 62.9 50.7 76.1





#21
 Allyl Chloride
 Concen: 9.191 ppbv
 RT: 4.420 min Scan# 501
 Delta R.T. 0.023 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

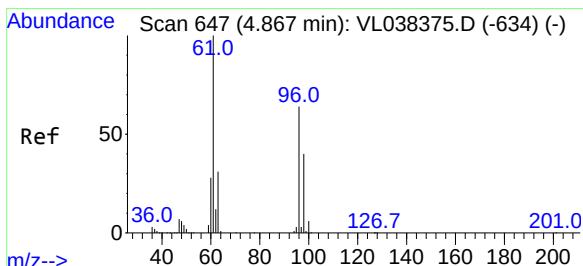
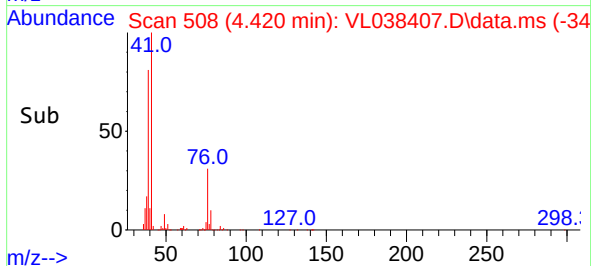
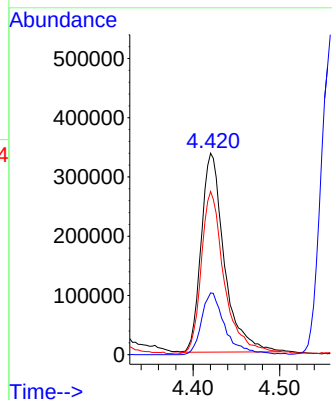
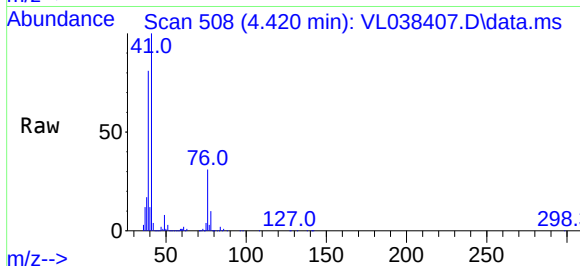
ClientSampleId :

VL0223ABS01

Tgt Ion: 41 Resp: 62185
 Ion Ratio Lower Upper
 41 100
 76 32.0 25.4 38.0
 39 82.4 63.0 94.6

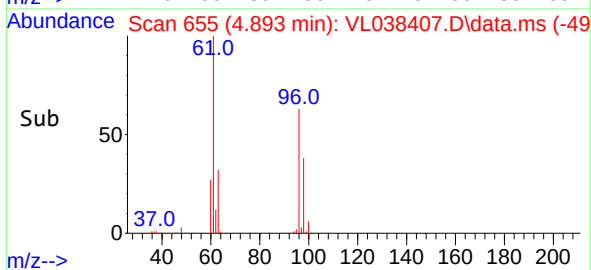
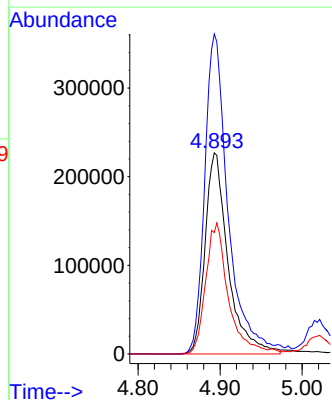
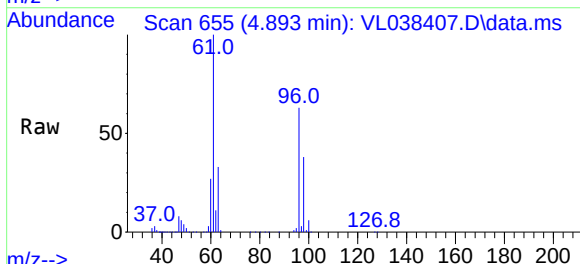
Manual Integrations
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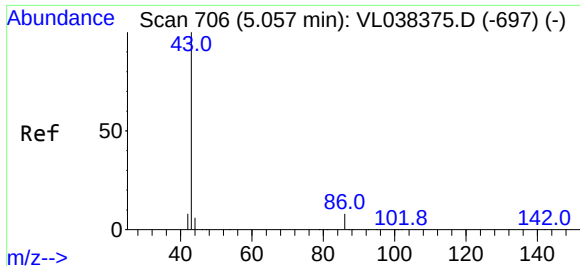
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.559 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.026 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

Tgt Ion: 96 Resp: 443435
 Ion Ratio Lower Upper
 96 100
 61 159.1 124.2 186.4
 98 60.4 49.1 73.7





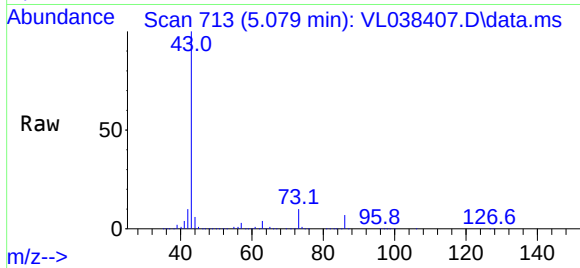
#23
 Vinyl Acetate
 Concen: 9.144 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.023 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

VL0223ABS01



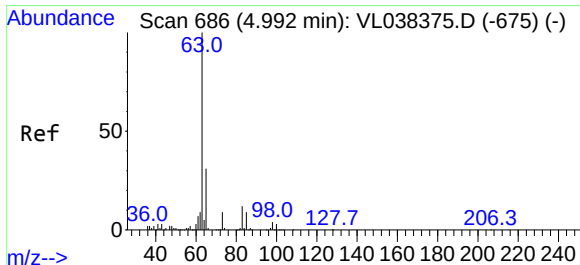
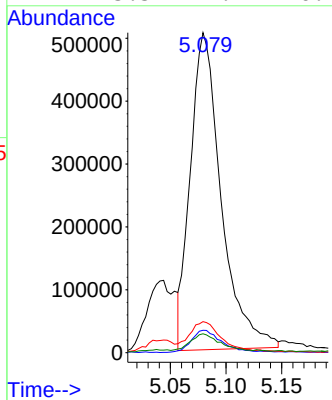
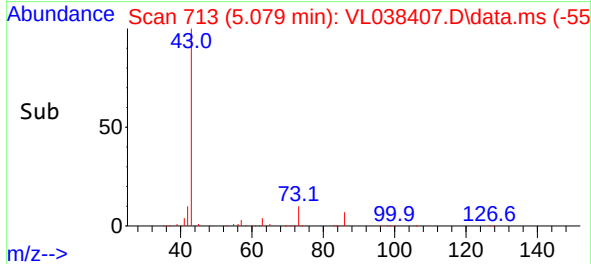
Tgt Ion: 43 Resp: 970702

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.8	8.6
42	9.6	7.4	11.0
44	5.5	4.2	6.2

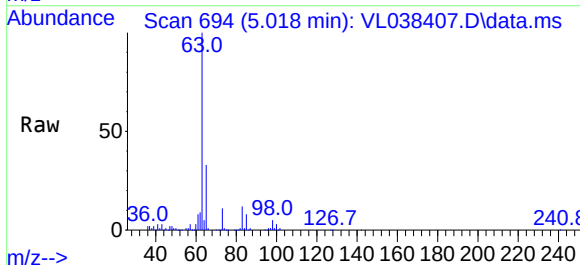
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

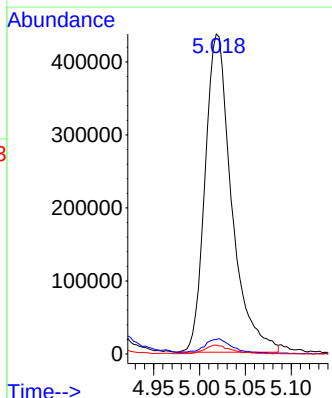
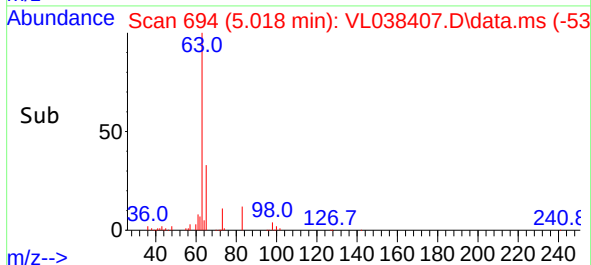


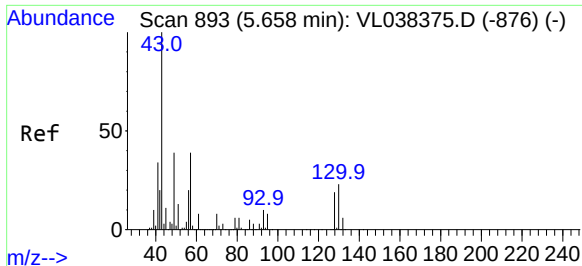
#24
 1,1-Dichloroethane
 Concen: 9.166 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.026 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23



Tgt Ion: 63 Resp: 874742

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	2.9	1.4	4.2





#25
Ethyl Acetate
Concen: 9.626 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

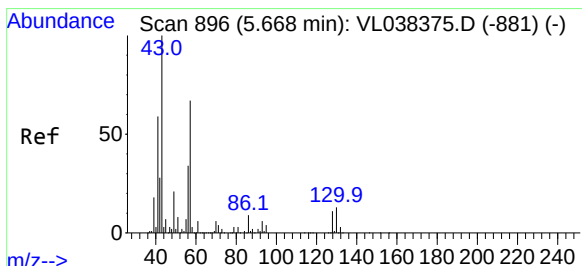
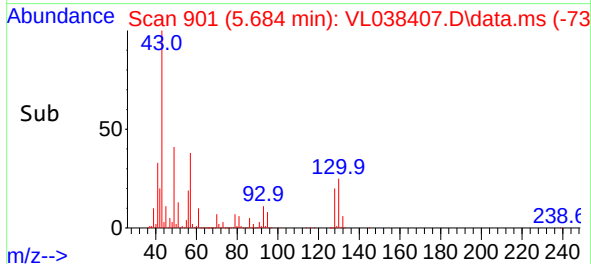
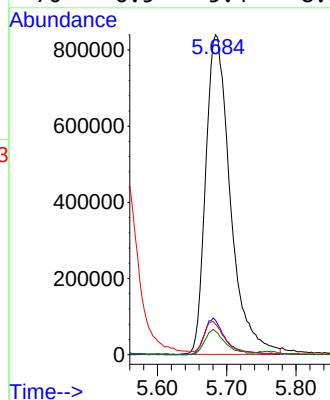
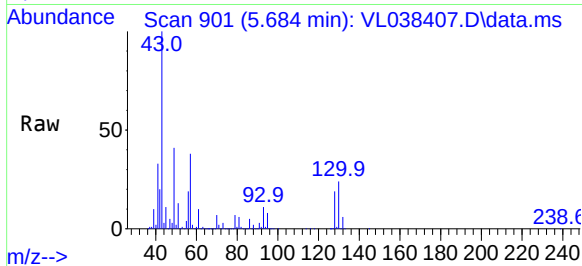
VL0223ABS01

Tgt Ion: 43 Resp: 207160
Ion Ratio Lower Upper
43 100
45 9.8 7.8 11.6
61 9.9 7.5 11.3
70 6.5 5.4 8.0

Manual Integrations

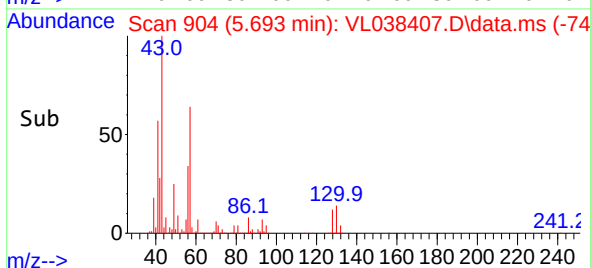
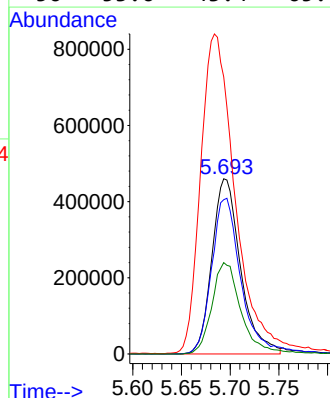
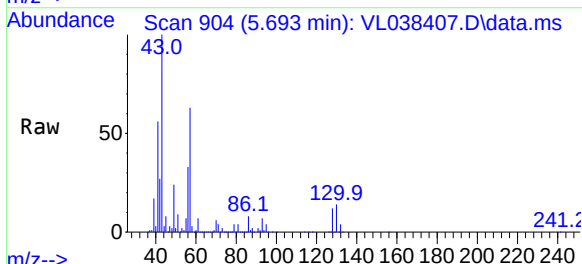
APPROVED

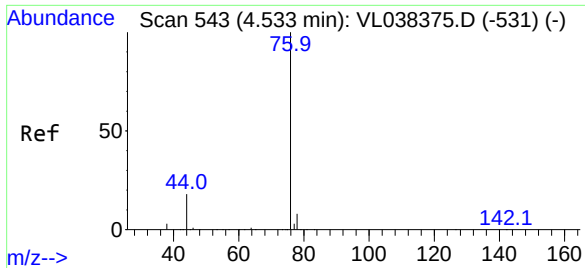
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#26
Hexane
Concen: 9.644 ppbv
RT: 5.693 min Scan# 904
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

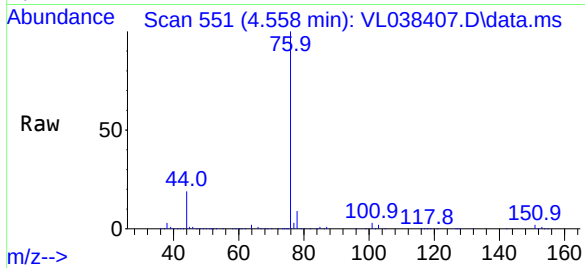
Tgt Ion: 57 Resp: 939860
Ion Ratio Lower Upper
57 100
41 93.0 73.1 109.7
43 224.1 181.0 271.4
56 53.6 43.4 65.0





#27
Carbon Disulfide
Concen: 9.884 ppbv
RT: 4.558 min Scan# 51
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

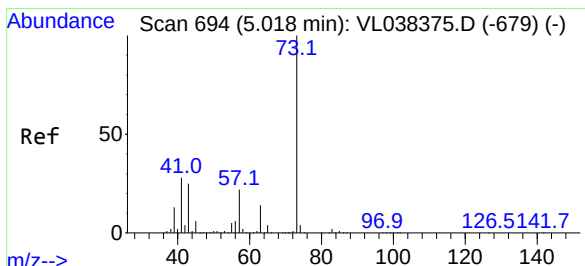
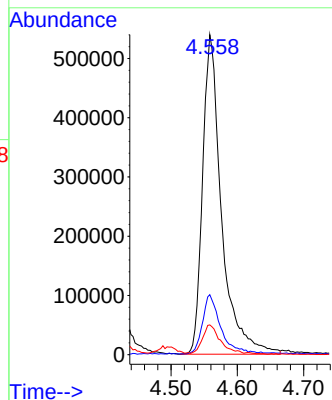
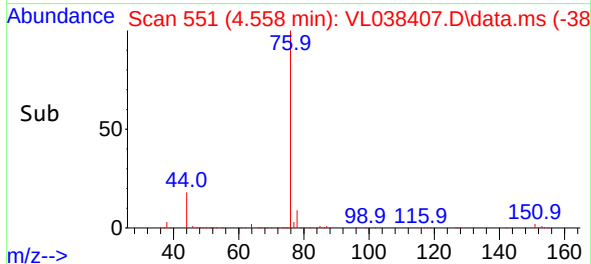
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



Tgt Ion: 76 Resp: 107152
Ion Ratio Lower Upper
76 100
44 18.5 14.2 21.2
78 10.0 7.8 11.6

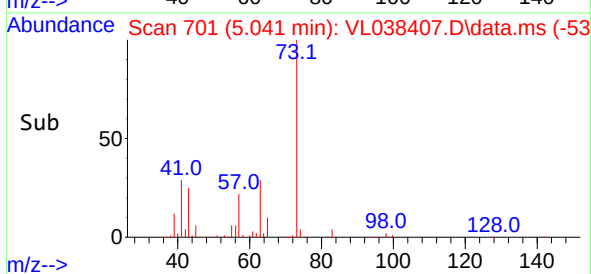
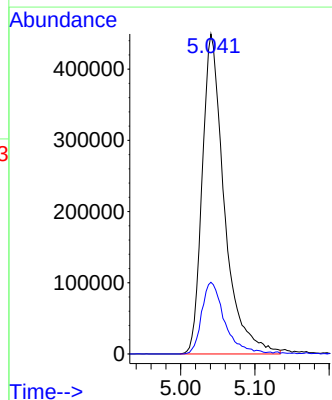
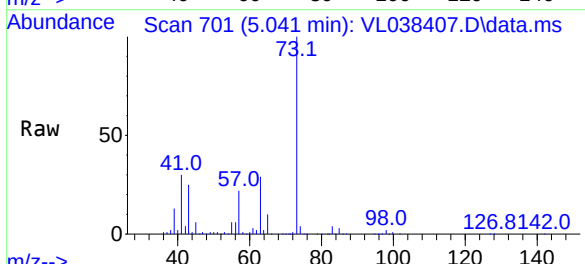
Manual Integrations
APPROVED

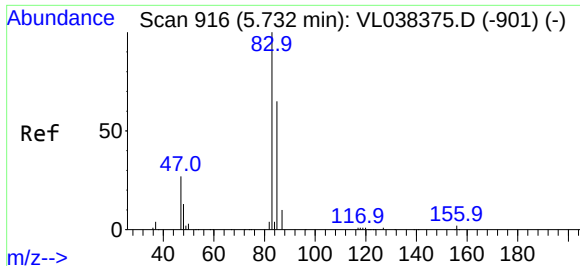
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#28
Methyl tert-Butyl Ether
Concen: 9.389 ppbv
RT: 5.041 min Scan# 701
Delta R.T. 0.023 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion: 73 Resp: 932027
Ion Ratio Lower Upper
73 100
57 23.8 18.2 27.4





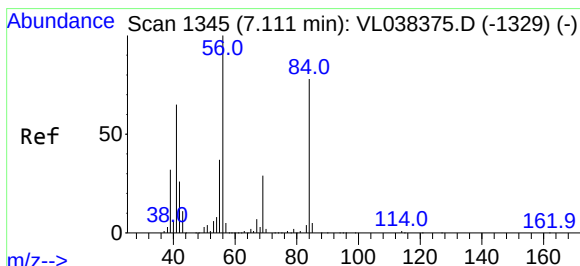
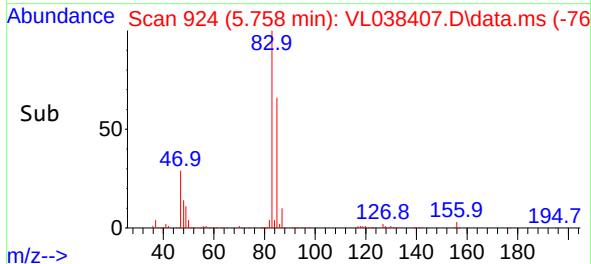
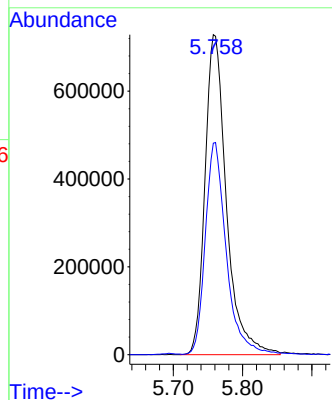
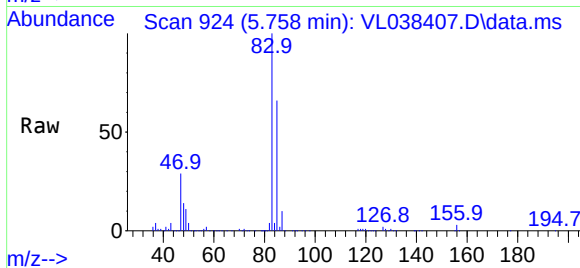
#29
Chloroform
Concen: 9.823 ppbv
RT: 5.758 min Scan# 916
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion: 83 Resp: 1562392
Ion Ratio Lower Upper
83 100
85 65.9 51.6 77.4

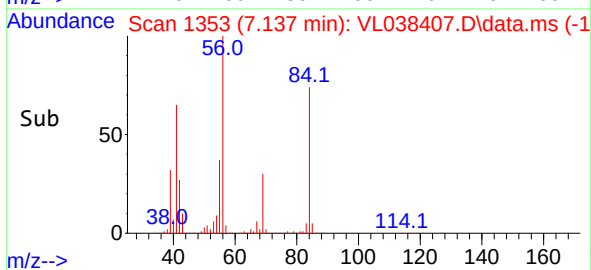
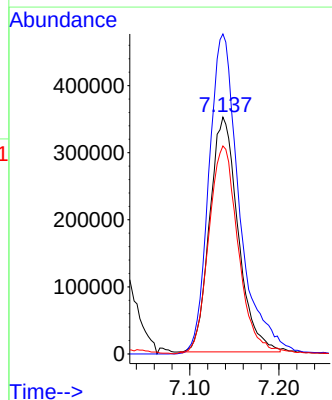
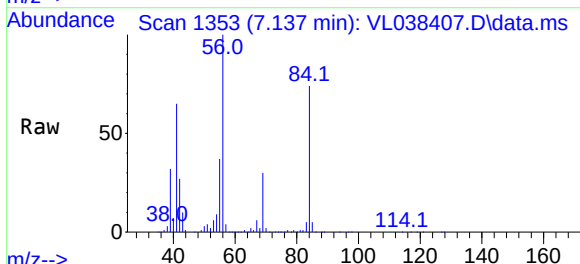
Manual Integrations
APPROVED

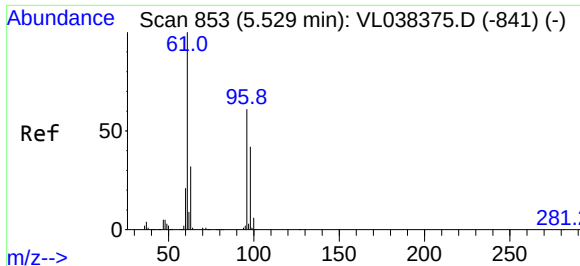
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#30
Cyclohexane
Concen: 9.740 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

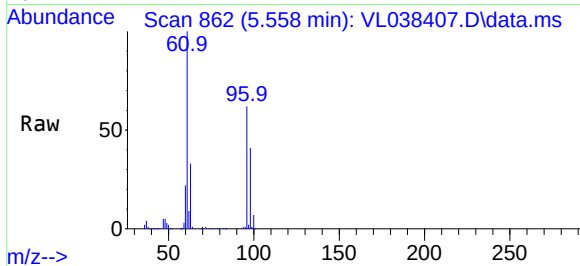
Tgt Ion: 84 Resp: 776322
Ion Ratio Lower Upper
84 100
56 147.2 116.2 174.4
41 92.7 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 9.995 ppbv
RT: 5.558 min Scan# 80
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

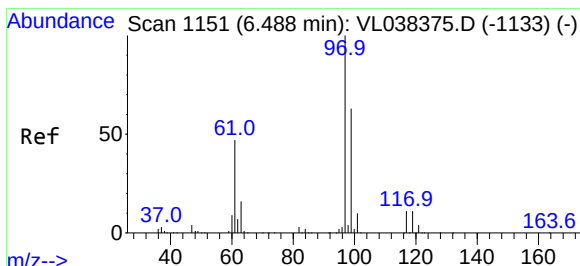
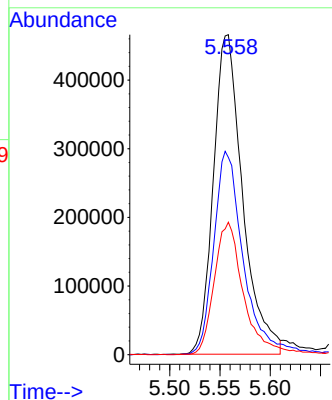
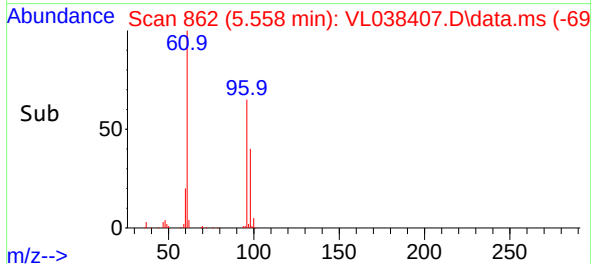
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



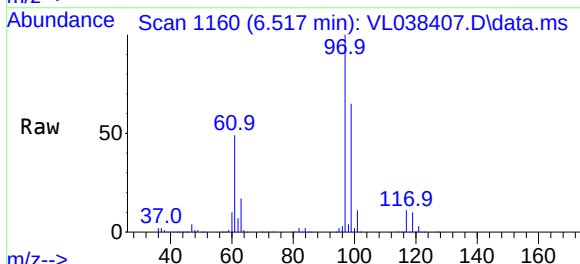
Tgt Ion: 61 Resp: 943768
Ion Ratio Lower Upper
61 100
96 61.7 48.6 73.0
98 41.4 33.2 49.8

Manual Integrations
APPROVED

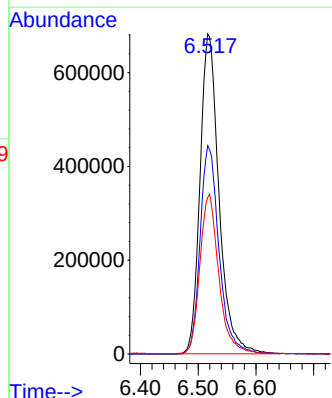
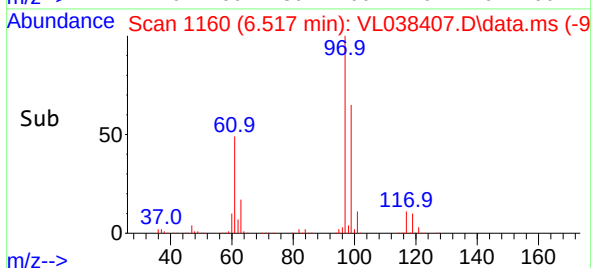
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

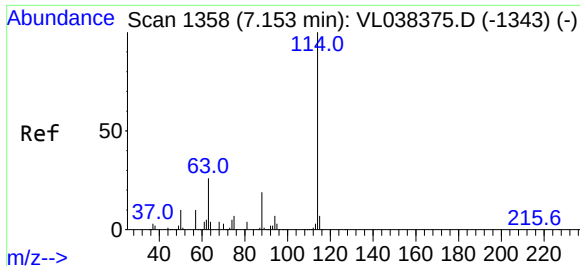


#32
1,1,1-Trichloroethane
Concen: 9.730 ppbv
RT: 6.517 min Scan# 1160
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion: 97 Resp: 1556477
Ion Ratio Lower Upper
97 100
99 65.3 51.9 77.9
61 49.7 40.5 60.7





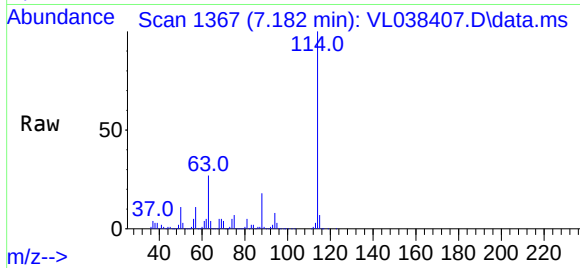
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

VL0223ABS01

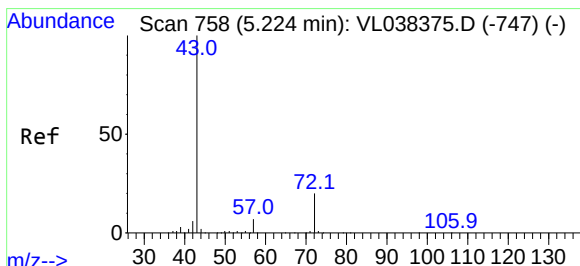
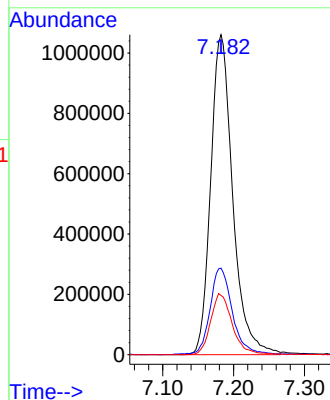
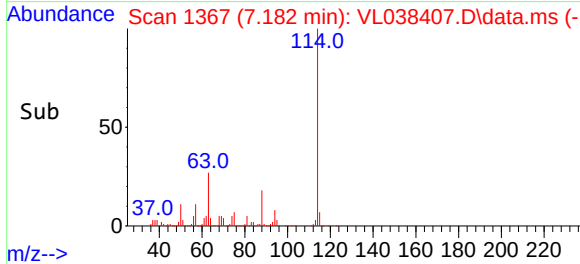


Tgt Ion:114 Resp: 228988
Ion Ratio Lower Upper
114 100
63 27.8 22.2 33.2
88 18.8 15.2 22.8

Manual Integrations

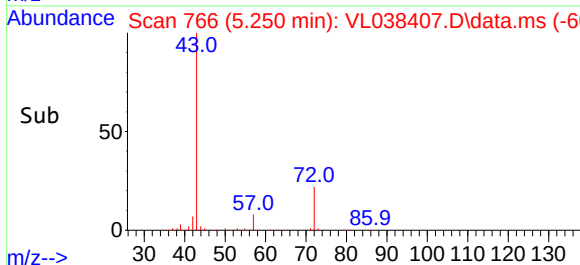
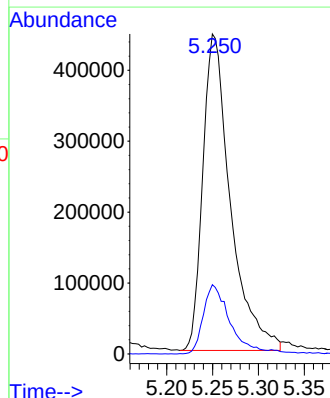
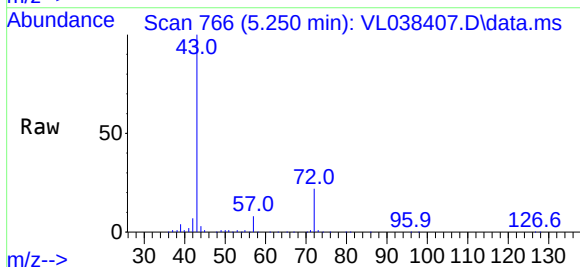
APPROVED

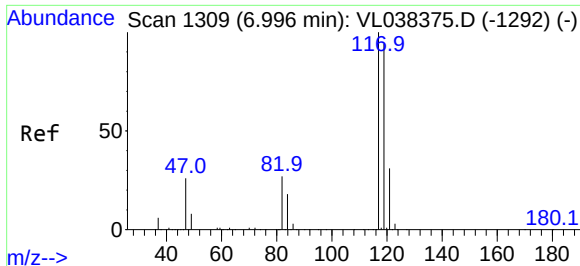
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#34
2-Butanone
Concen: 12.977 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

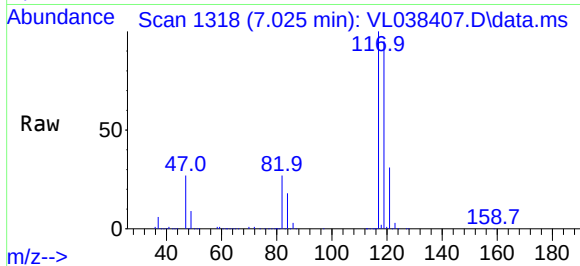
Tgt Ion: 43 Resp: 934565
Ion Ratio Lower Upper
43 100
72 21.9 17.4 26.2





#35
Carbon Tetrachloride
Concen: 9.975 ppbv
RT: 7.025 min Scan# 117
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

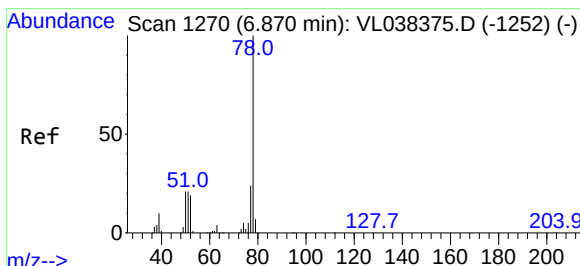
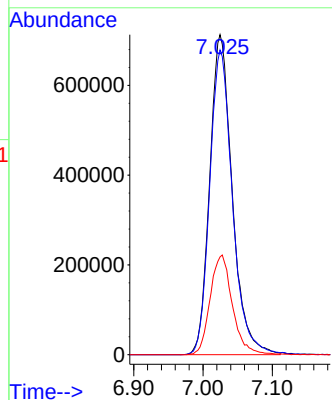
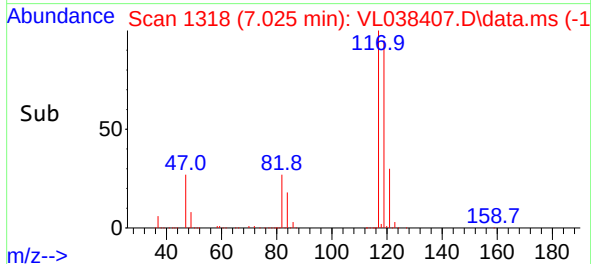
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



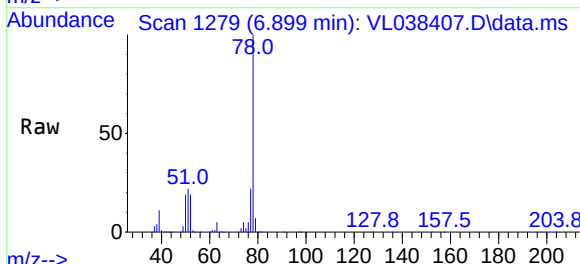
Tgt Ion: 117 Resp: 160616
Ion Ratio Lower Upper
117 100
119 95.2 74.9 112.3
121 30.5 24.8 37.2

Manual Integrations
APPROVED

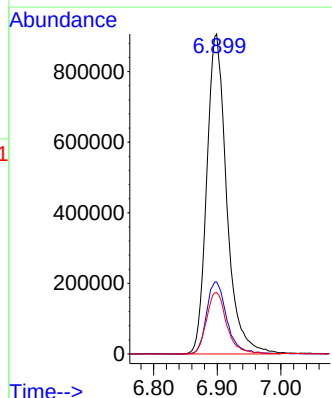
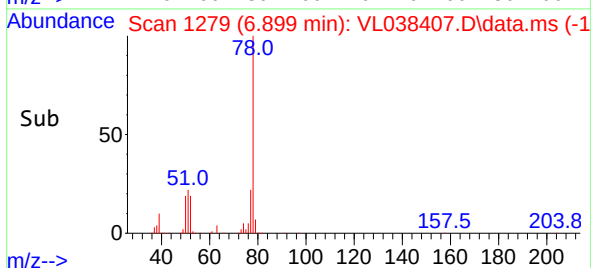
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

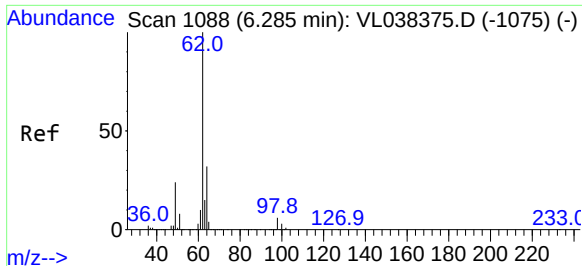


#36
Benzene
Concen: 9.762 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion: 78 Resp: 1967952
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.6
50 19.1 16.6 24.8





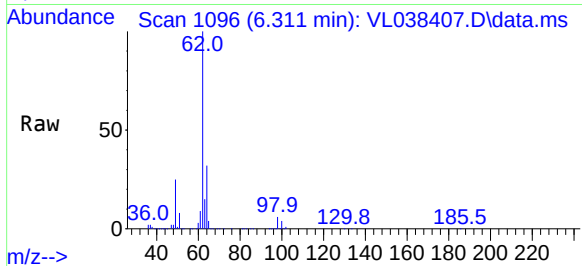
#37
1,2-Dichloroethane
Concen: 10.064 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

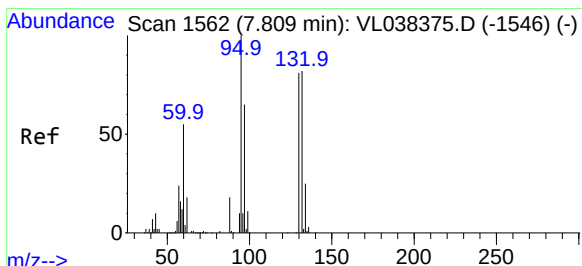
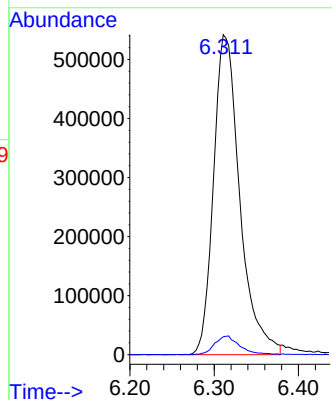
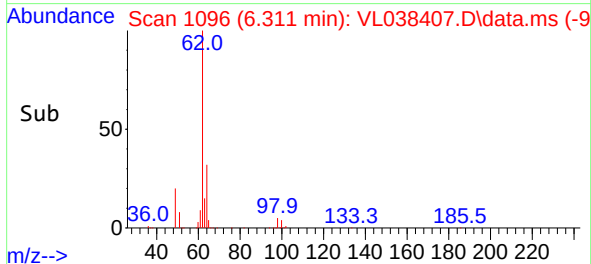
VL0223ABS01



Tgt Ion: 62 Resp: 117236
Ion Ratio Lower Upper
62 100
98 5.7 4.6 7.0

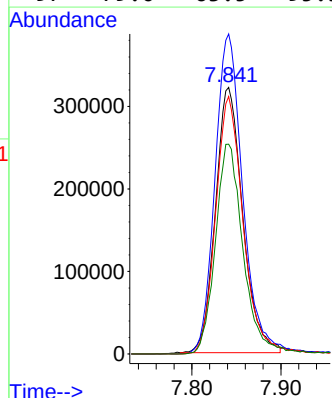
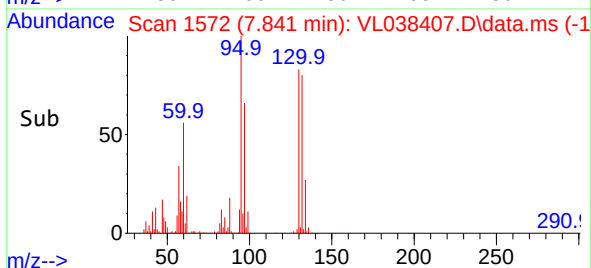
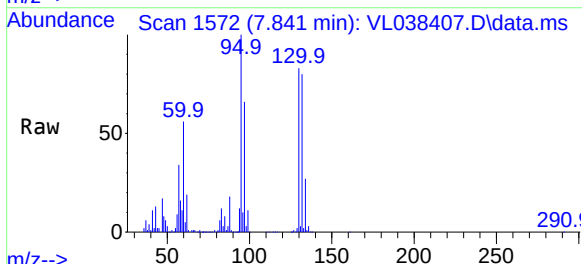
Manual Integrations
APPROVED

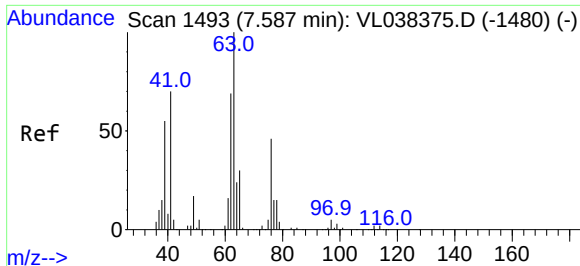
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#38
Trichloroethene
Concen: 9.335 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

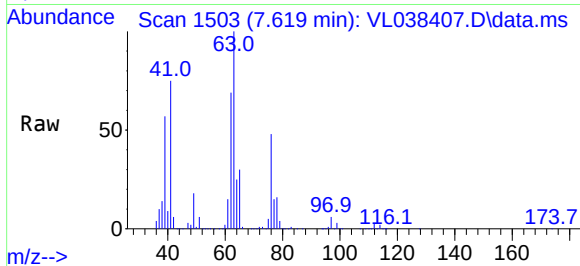
Tgt Ion:130 Resp: 685426
Ion Ratio Lower Upper
130 100
95 120.5 98.1 147.1
132 97.0 80.3 120.5
97 79.0 63.5 95.3





#39
1,2-Dichloropropane
Concen: 9.612 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

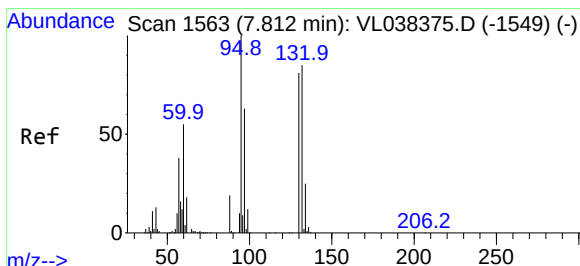
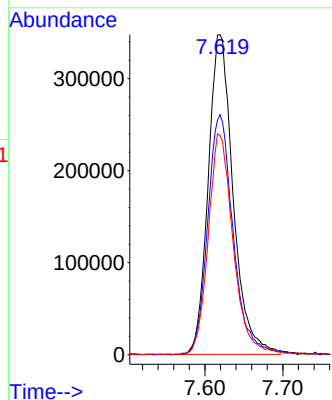
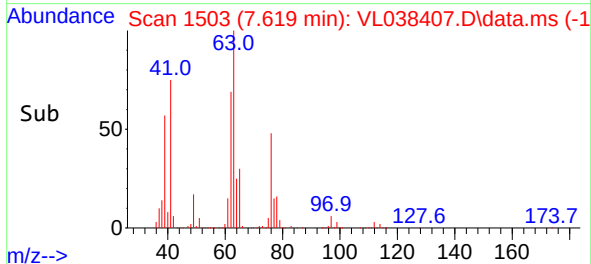
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



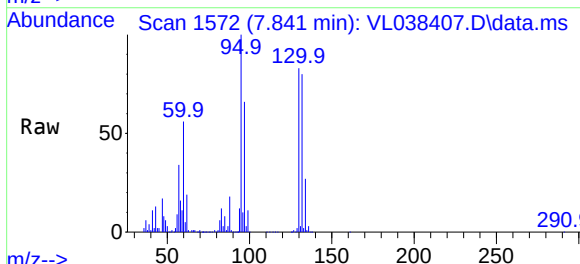
Tgt Ion: 63 Resp: 771785
Ion Ratio Lower Upper
63 100
41 75.0 56.1 84.1
62 68.5 55.5 83.3

Manual Integrations
APPROVED

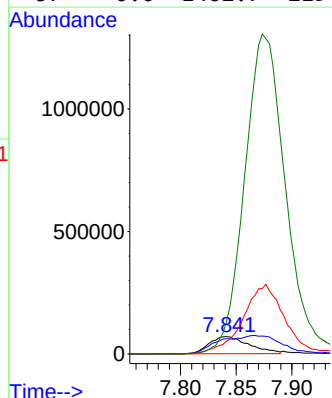
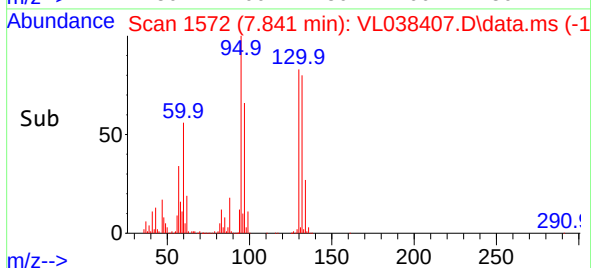
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

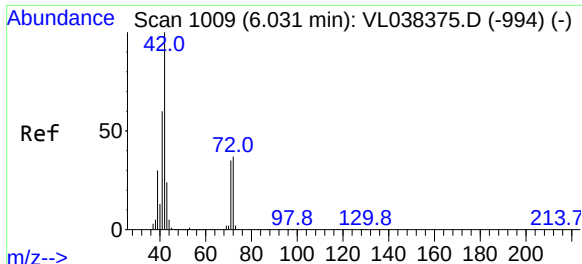


#40
1,4-Dioxane
Concen: 9.164 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



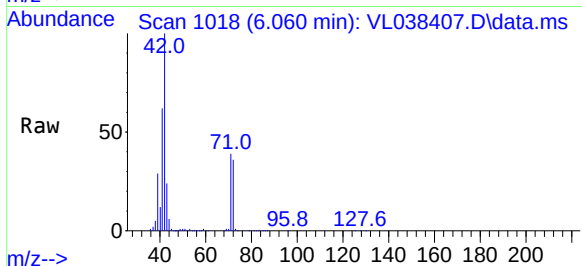
Tgt Ion: 88 Resp: 174529
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 10.214 ppbv
RT: 6.060 min Scan# 1009
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

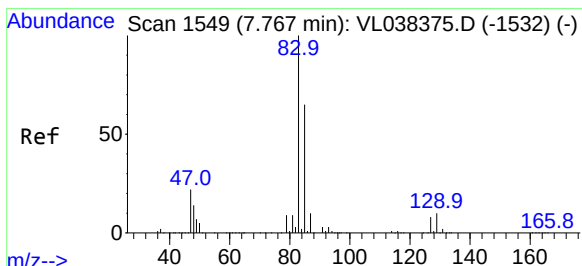
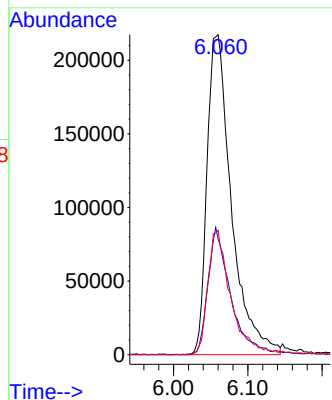
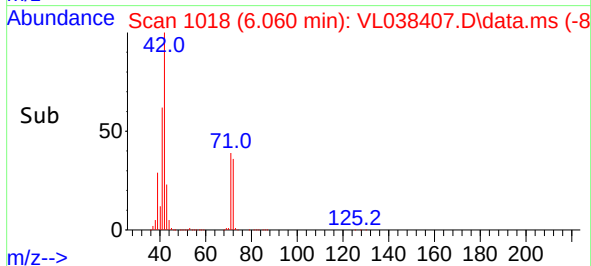
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



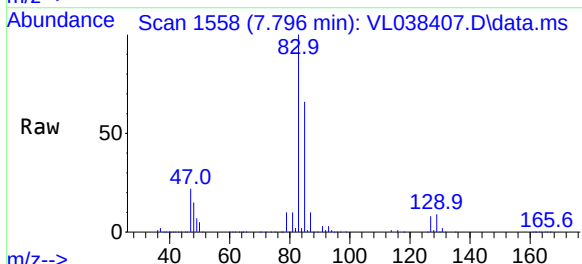
Tgt Ion: 42 Resp: 497030
Ion Ratio Lower Upper
42 100
72 37.5 29.9 44.9
71 37.2 28.6 42.8

Manual Integrations
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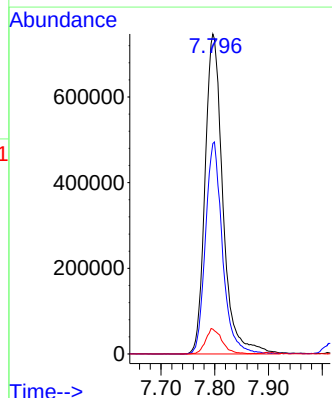
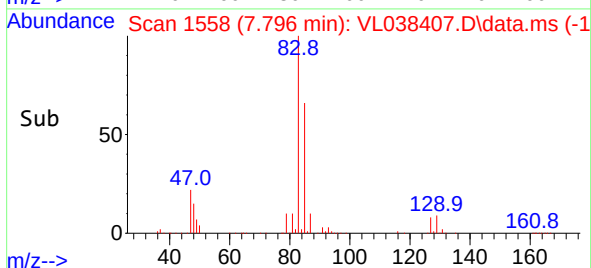
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

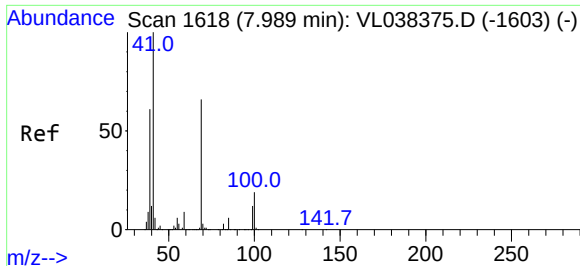


#42
Bromodichloromethane
Concen: 10.226 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion: 83 Resp: 1720198
Ion Ratio Lower Upper
83 100
85 65.8 52.2 78.4
127 7.7 6.2 9.4





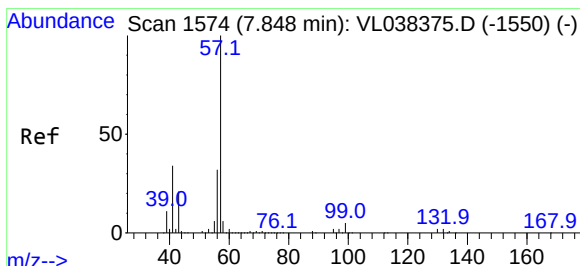
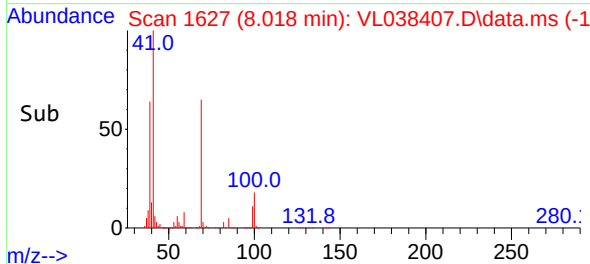
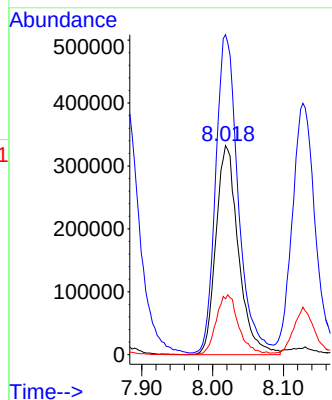
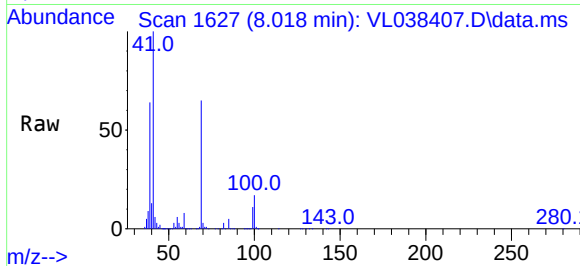
#43
Methyl Methacrylate
Concen: 10.487 ppbv
RT: 8.018 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion: 69 Resp: 73489
Ion Ratio Lower Upper
69 100
41 152.5 122.9 184.3
100 28.8 23.6 35.4

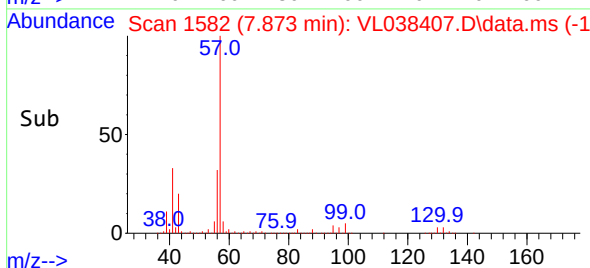
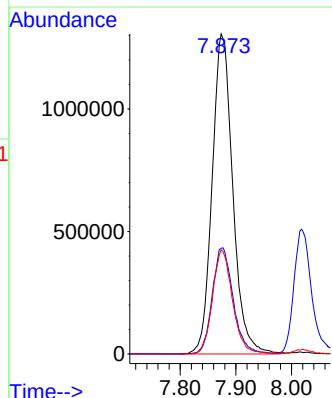
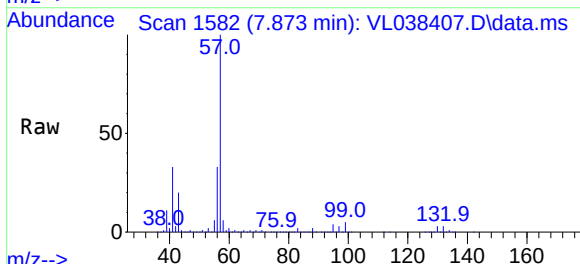
Manual Integrations
APPROVED

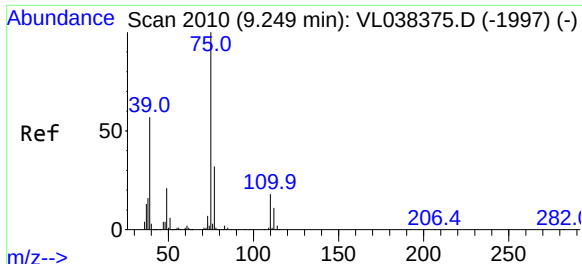
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#44
2,2,4-Trimethylpentane
Concen: 9.702 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion: 57 Resp: 3361736
Ion Ratio Lower Upper
57 100
41 33.5 26.6 39.8
56 31.5 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 10.636 ppbv
RT: 9.282 min Scan# 2010
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

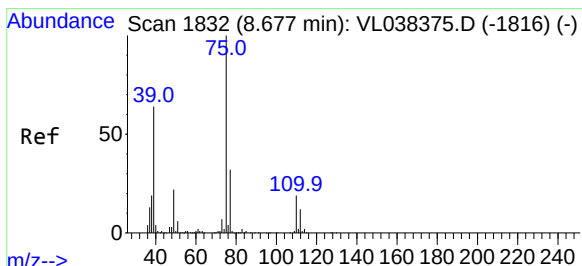
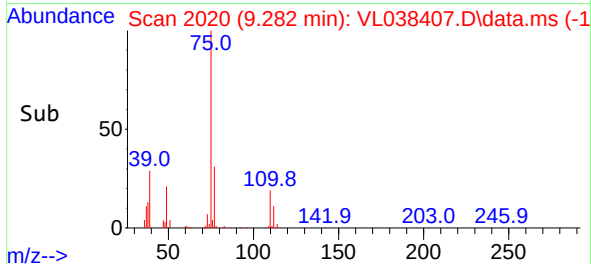
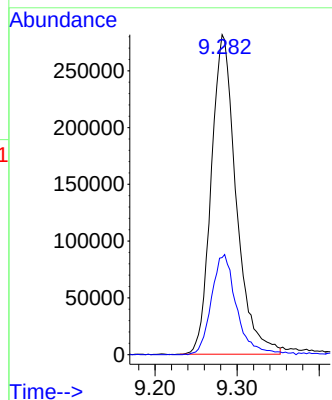
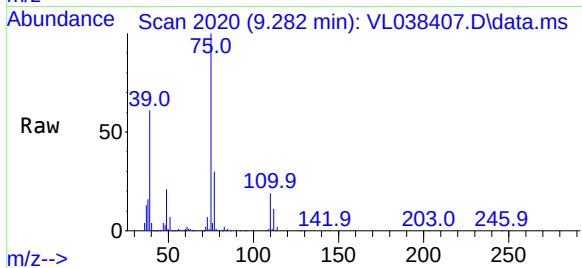
ClientSampleId :

VL0223ABS01

Tgt Ion: 75 Resp: 595692
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

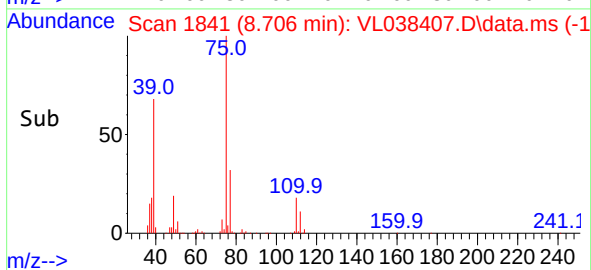
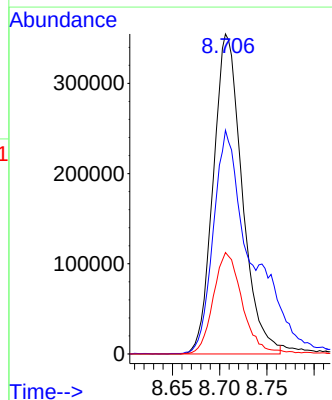
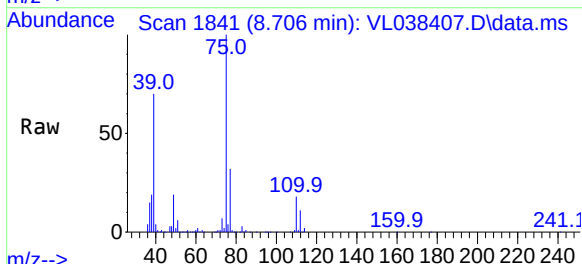
Manual Integrations
APPROVED

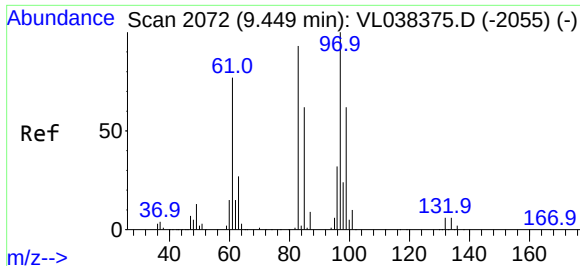
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#46
cis-1,3-Dichloropropene
Concen: 10.252 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion: 75 Resp: 752515
Ion Ratio Lower Upper
75 100
39 69.7 51.4 77.2
77 31.7 25.4 38.2





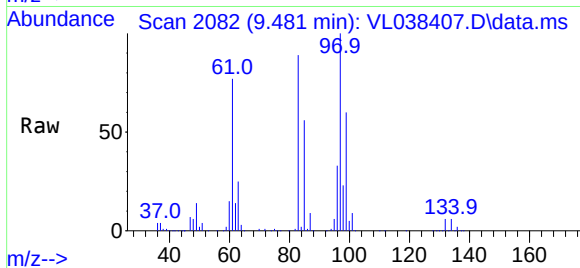
#47
1,1,2-Trichloroethane
Concen: 9.532 ppbv
RT: 9.481 min Scan# 2072
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

VL0223ABS01

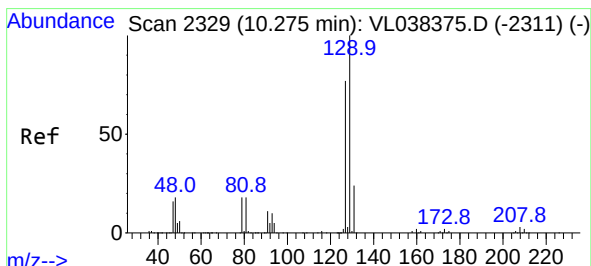
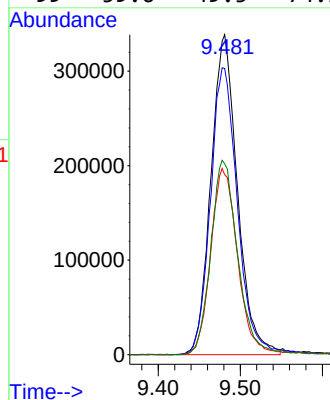
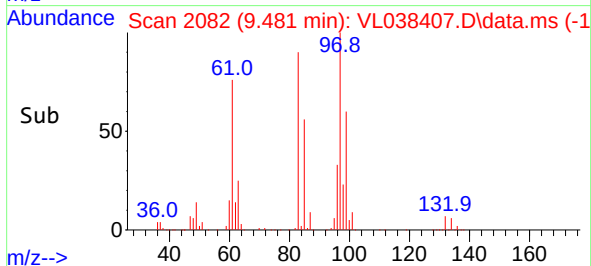


Tgt Ion: 97 Resp: 761442
Ion Ratio Lower Upper
97 100
83 89.3 74.2 111.4
85 56.2 49.8 74.8
99 59.6 49.5 74.3

Manual Integrations

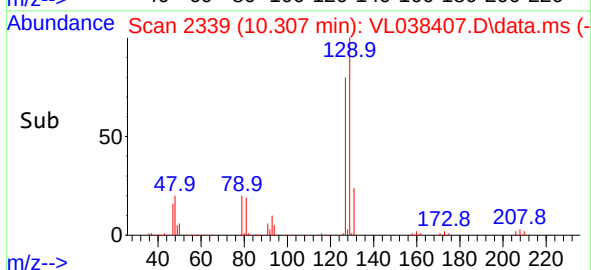
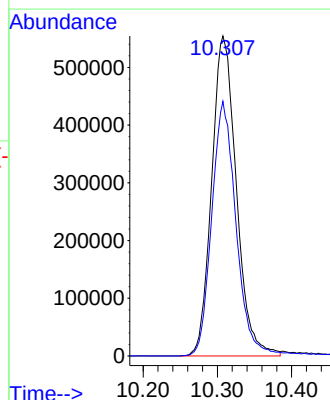
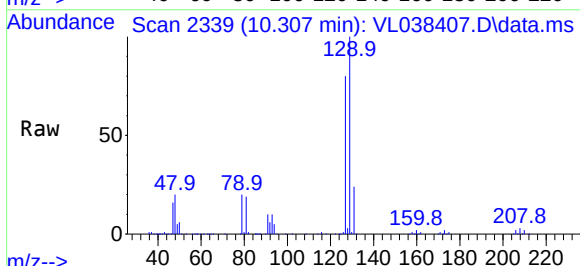
APPROVED

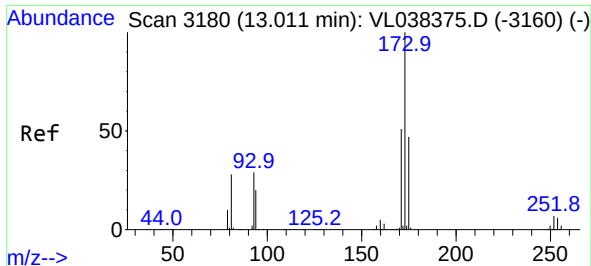
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#48
Dibromochloromethane
Concen: 9.807 ppbv
RT: 10.307 min Scan# 2339
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion:129 Resp: 1280952
Ion Ratio Lower Upper
129 100
127 79.0 39.4 118.1





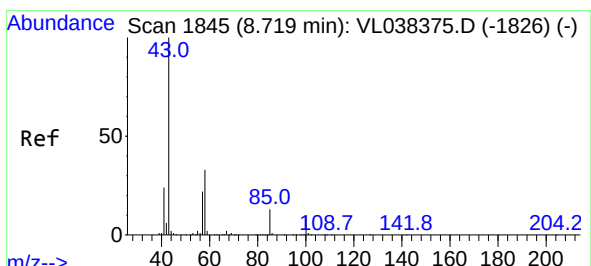
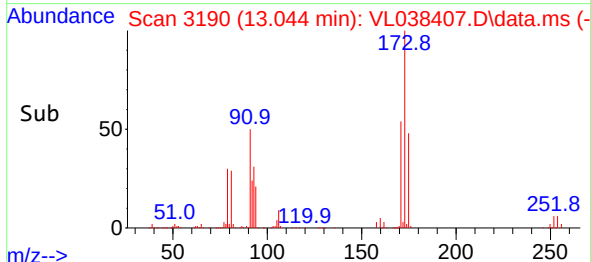
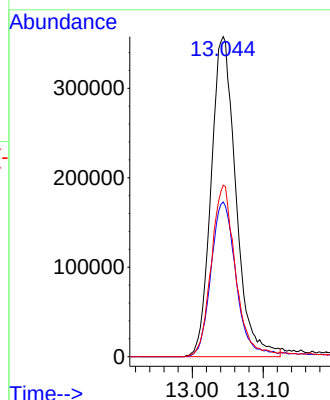
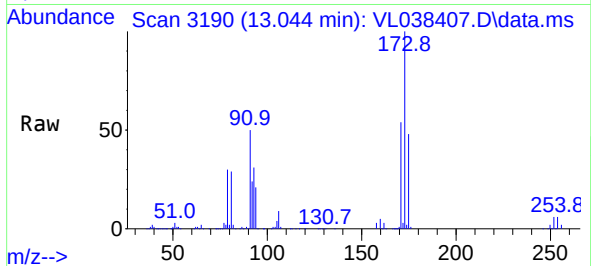
#49
Bromoform
Concen: 9.026 ppbv
RT: 13.044 min Scan# 3180
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion:173 Resp: 870254
Ion Ratio Lower Upper
173 100
175 50.4 40.2 60.2
171 54.7 42.7 64.1

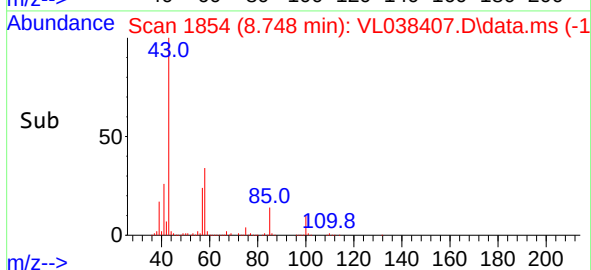
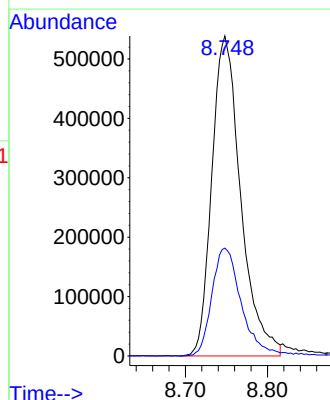
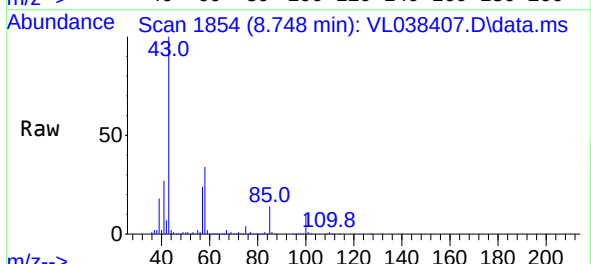
Manual Integrations
APPROVED

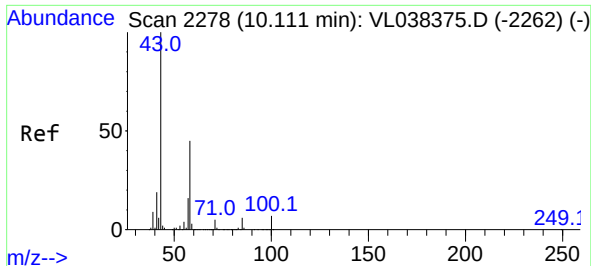
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#50
4-Methyl-2-Pentanone
Concen: 10.342 ppbv
RT: 8.748 min Scan# 1854
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

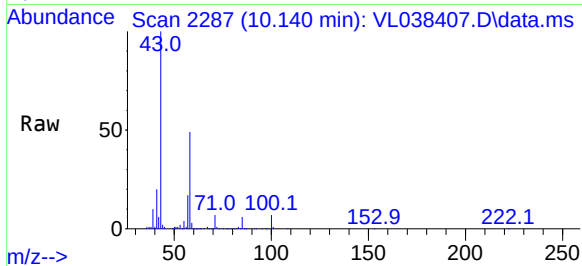
Tgt Ion: 43 Resp: 1316867
Ion Ratio Lower Upper
43 100
58 35.0 27.7 41.5





#51
2-Hexanone
Concen: 10.076 ppbv
RT: 10.140 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

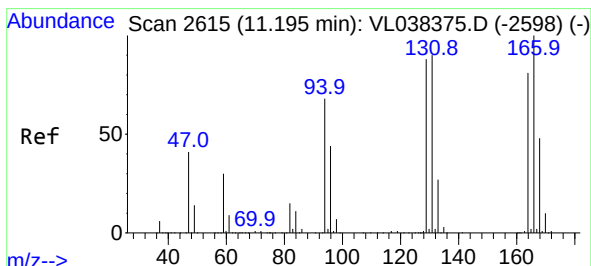
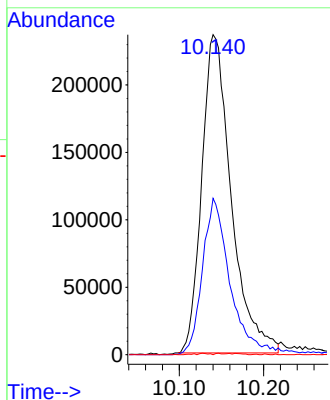
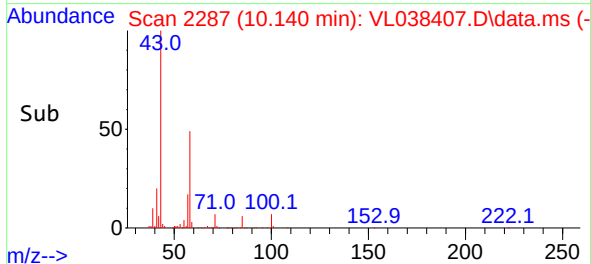
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



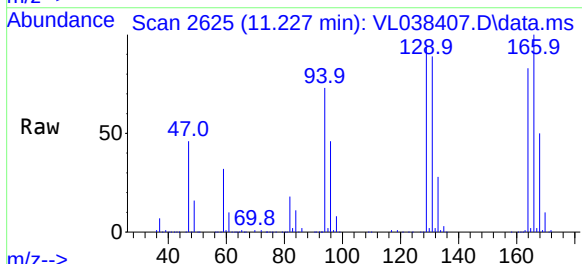
Tgt Ion: 43 Resp: 574392
Ion Ratio Lower Upper
43 100
58 47.2 37.4 56.0
98 0.5 0.1 0.1

Manual Integrations
APPROVED

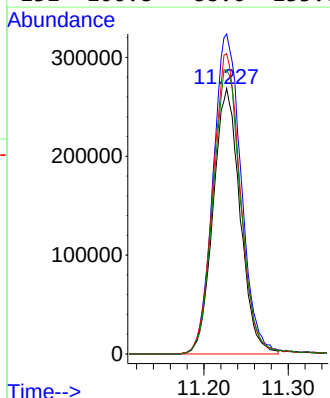
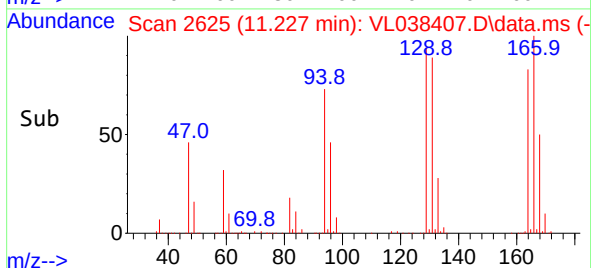
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

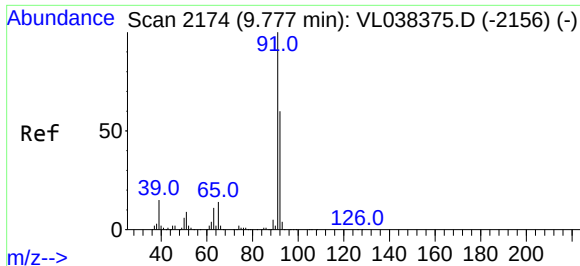


#52
Tetrachloroethene
Concen: 8.919 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



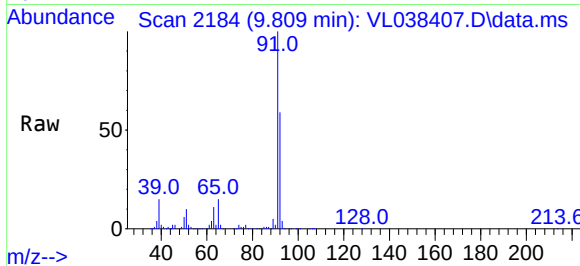
Tgt Ion:164 Resp: 596848
Ion Ratio Lower Upper
164 100
166 120.5 98.6 148.0
129 113.1 86.9 130.3
131 106.8 88.6 133.0





#53
Toluene
Concen: 9.811 ppbv
RT: 9.809 min Scan# 2174
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

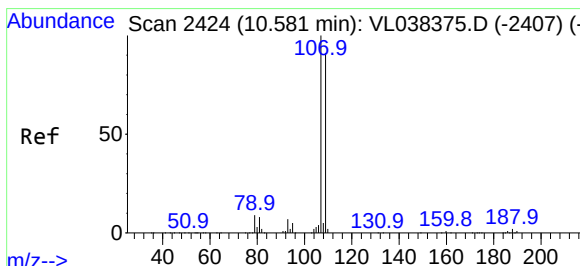
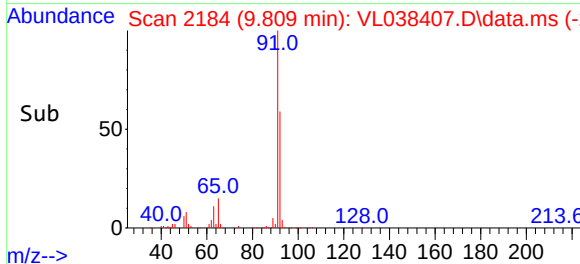
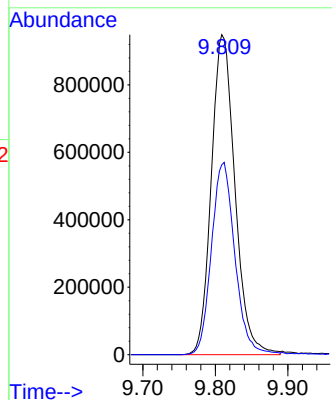
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



Tgt Ion: 91 Resp: 2147479
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.4

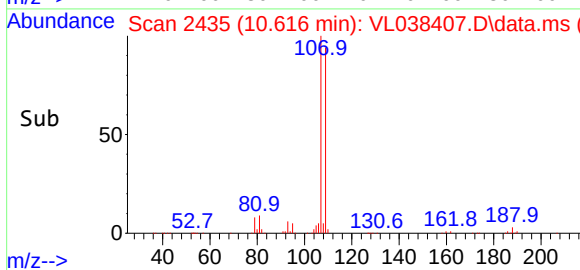
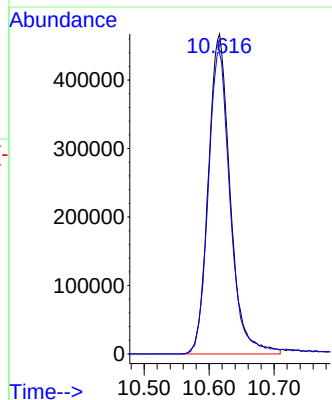
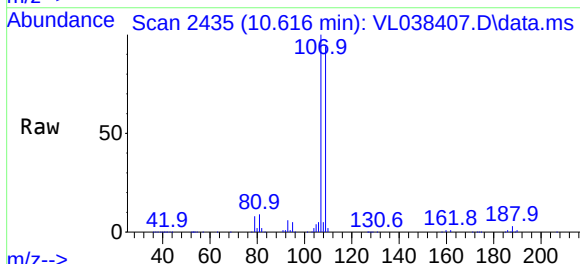
Manual Integrations
APPROVED

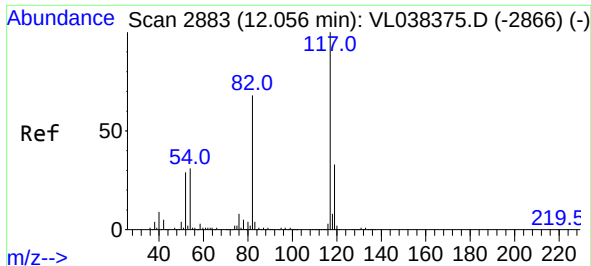
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#54
1,2-Dibromoethane
Concen: 9.732 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.035 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

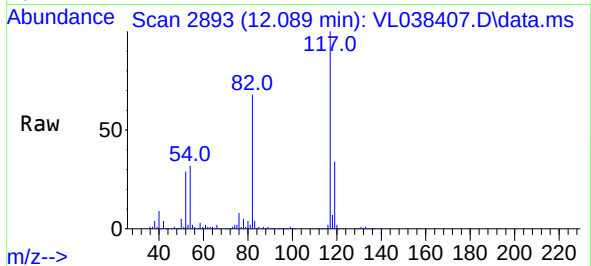
Tgt Ion:107 Resp: 1094405
Ion Ratio Lower Upper
107 100
109 94.0 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.089 min Scan# 217
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

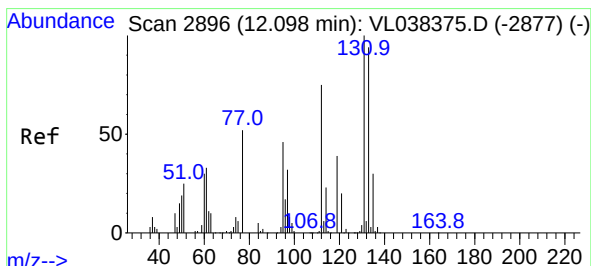
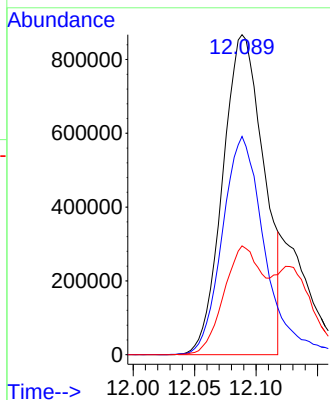
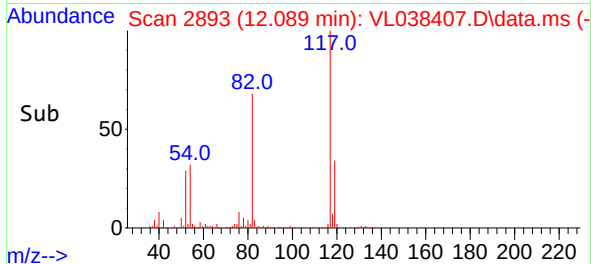
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



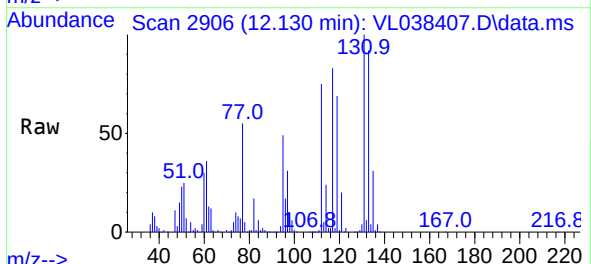
Tgt Ion:117 Resp: 201721
Ion Ratio Lower Upper
117 100
82 73.4 54.9 82.3
119 60.0 46.1 69.1

Manual Integrations
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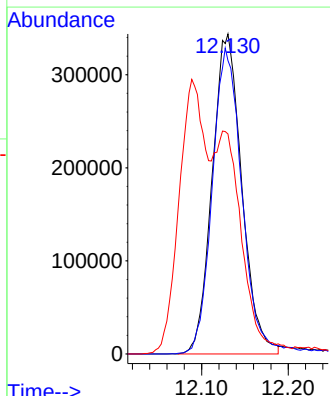
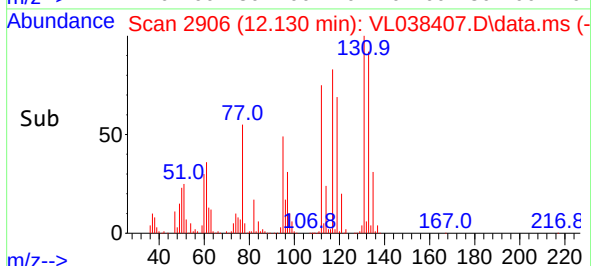
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

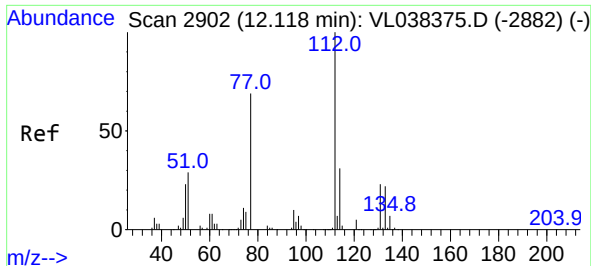


#56
1,1,1,2-Tetrachloroethane
Concen: 9.704 ppbv
RT: 12.130 min Scan# 2906
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion:131 Resp: 815908
Ion Ratio Lower Upper
131 100
133 98.7 77.3 115.9
119 149.4 48.6 73.0#





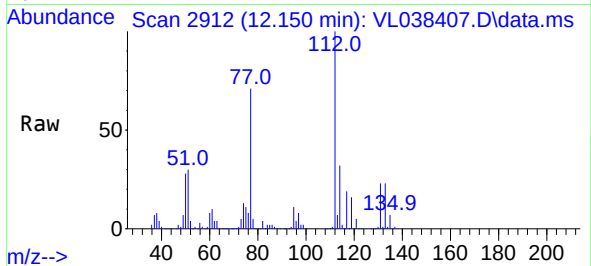
#57
Chlorobenzene
Concen: 9.224 ppbv
RT: 12.150 min Scan# 2902
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

VL0223ABS01

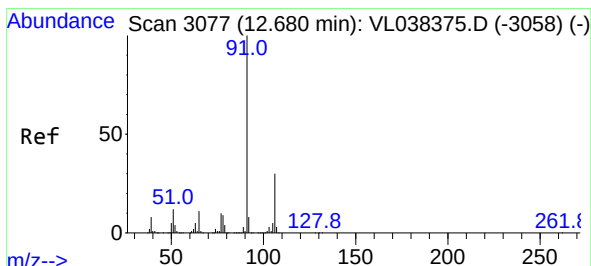
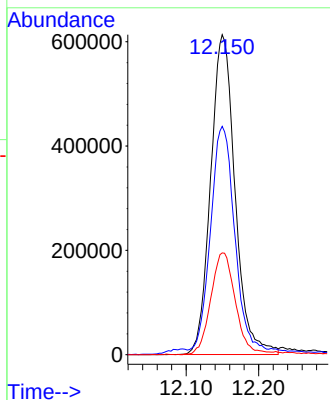
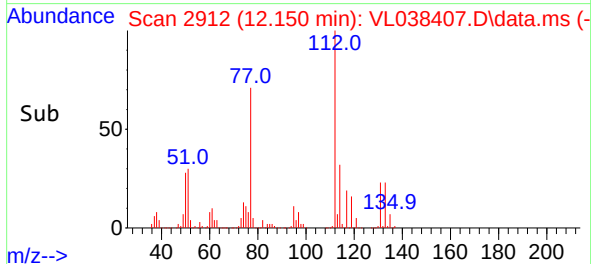


Tgt Ion: 112 Resp: 143560
Ion Ratio Lower Upper
112 100
77 69.9 55.2 82.8
114 31.7 27.9 34.1

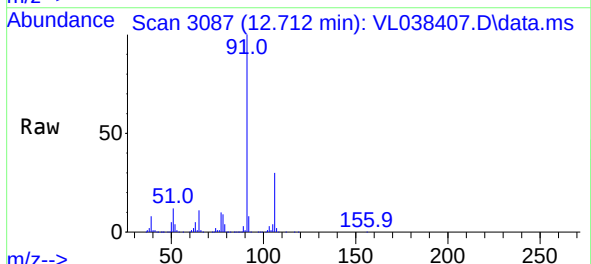
Manual Integrations

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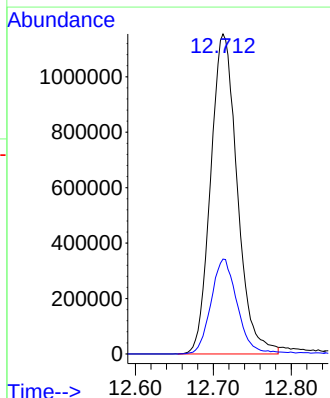
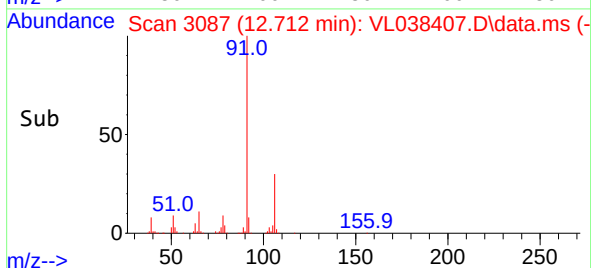
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

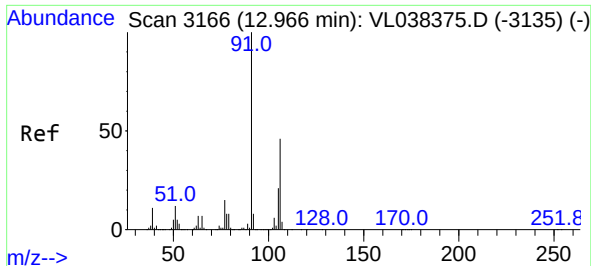


#58
Ethyl Benzene
Concen: 9.912 ppbv
RT: 12.712 min Scan# 3087
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



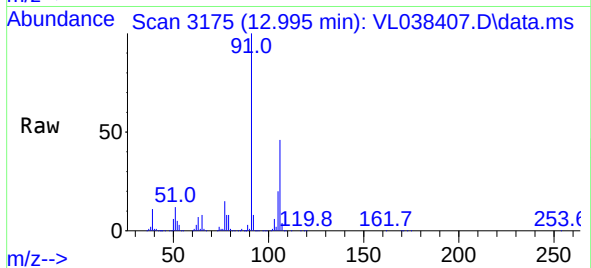
Tgt Ion: 91 Resp: 2734093
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0





#59
m/p-Xylene
Concen: 19.258 ppbv m
RT: 12.995 min Scan# 3166
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

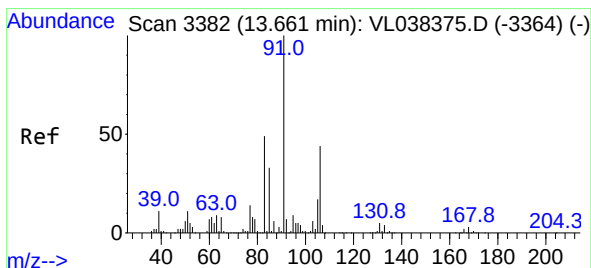
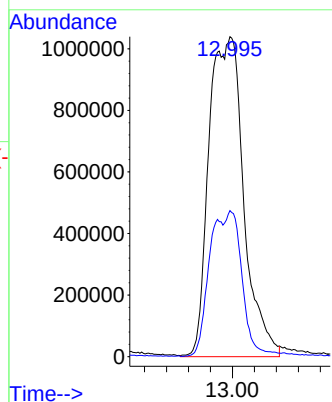
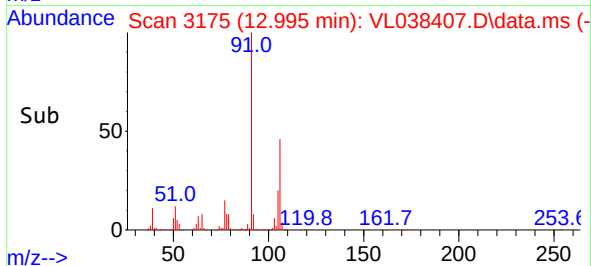
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



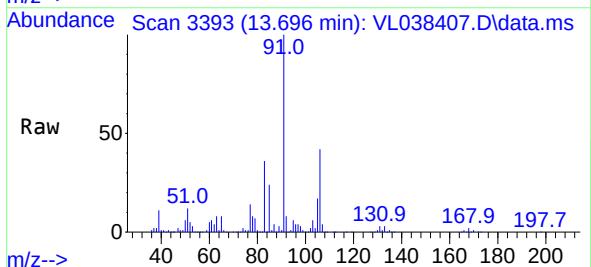
Tgt Ion: 91 Resp: 456215
Ion Ratio Lower Upper
91 100
106 43.1 34.4 51.6

Manual Integrations
APPROVED

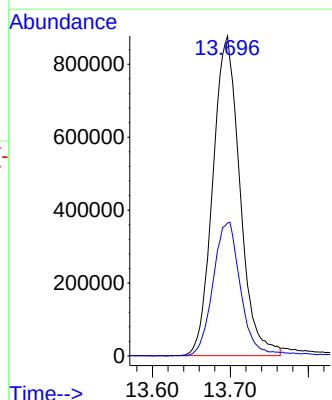
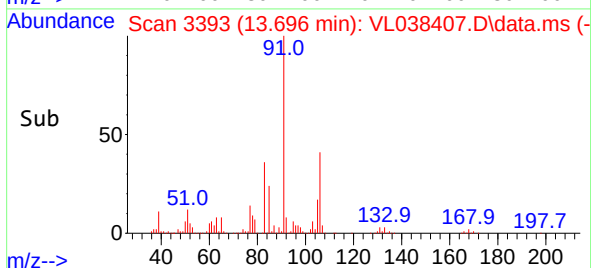
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

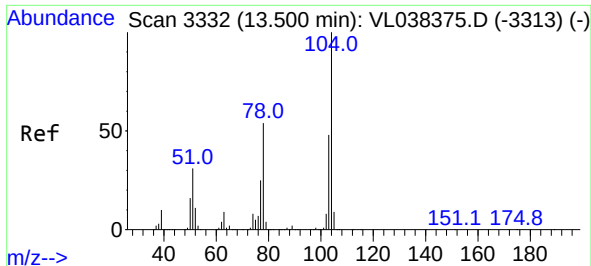


#60
o-Xylene
Concen: 9.462 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. 0.035 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion: 91 Resp: 2119047
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.5





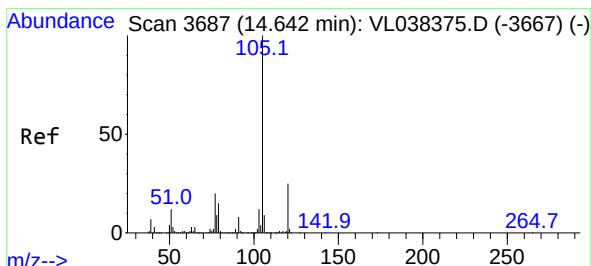
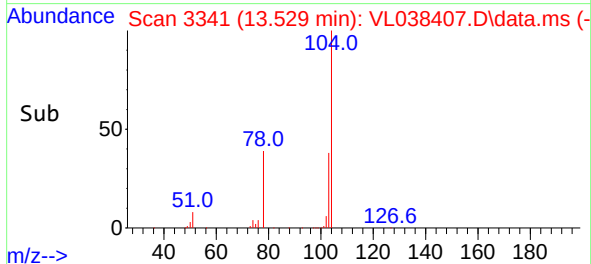
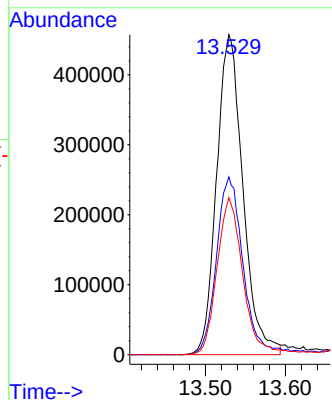
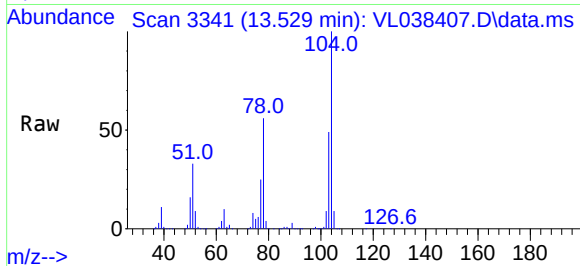
#61
Styrene
Concen: 10.114 ppbv
RT: 13.529 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion:104 Resp: 1044659
Ion Ratio Lower Upper
104 100
78 57.2 44.2 66.4
103 48.8 38.4 57.6

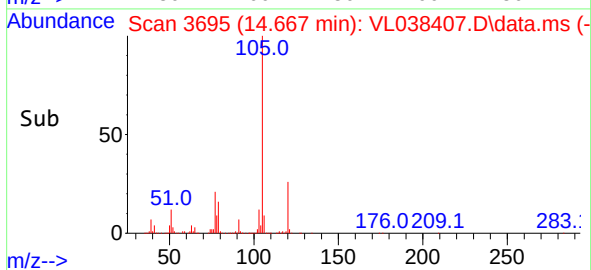
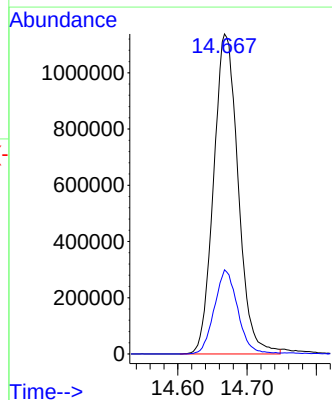
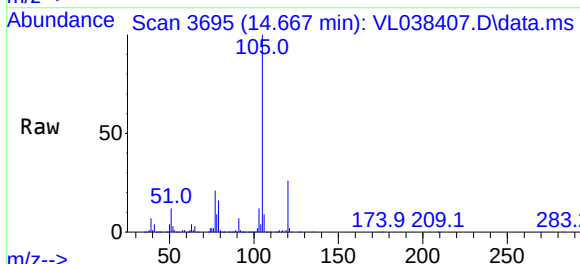
Manual Integrations
APPROVED

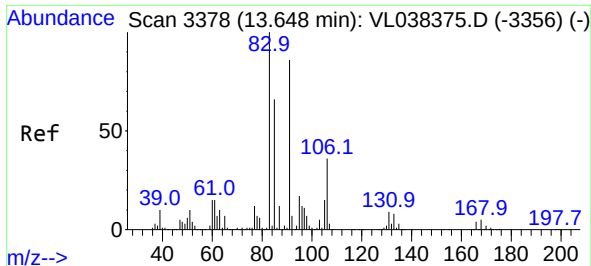
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#62
Isopropylbenzene
Concen: 9.318 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

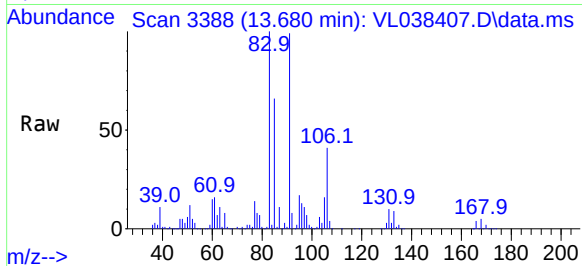
Tgt Ion:105 Resp: 2800752
Ion Ratio Lower Upper
105 100
120 25.4 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 7.896 ppbv
RT: 13.680 min Scan# 31
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

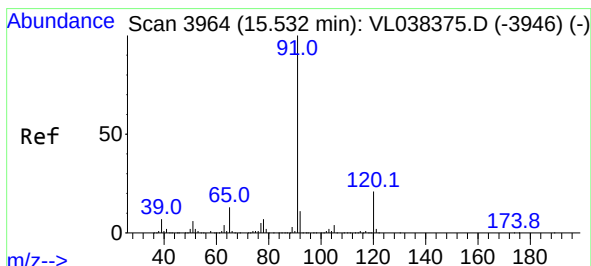
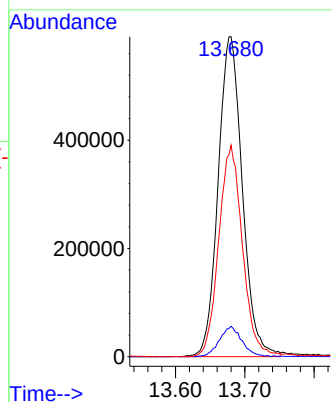
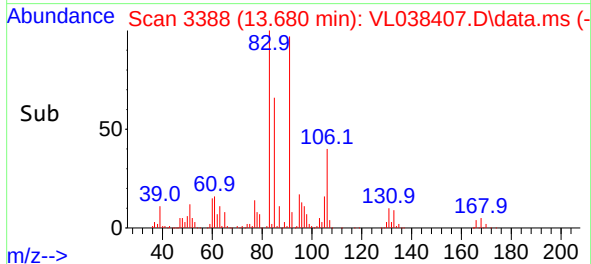
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



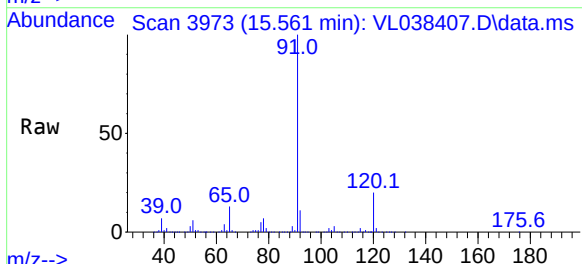
Tgt Ion: 83 Resp: 143675
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 65.5 33.0 99.0

Manual Integrations
APPROVED

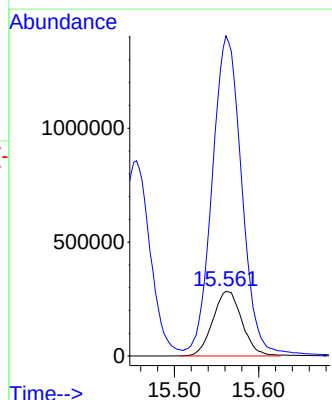
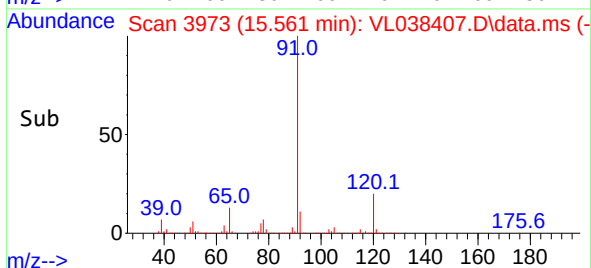
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

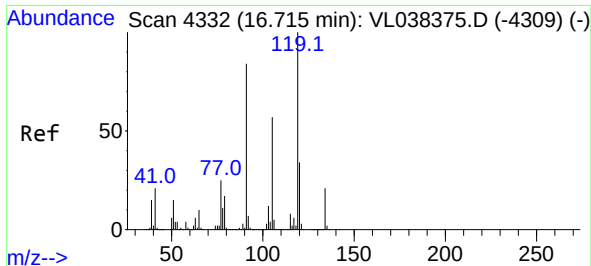


#64
n-propylbenzene
Concen: 9.149 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion:120 Resp: 680815
Ion Ratio Lower Upper
120 100
91 505.9 388.1 582.1





#65
tert-Butylbenzene
Concen: 8.736 ppbv
RT: 16.748 min Scan# 411
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

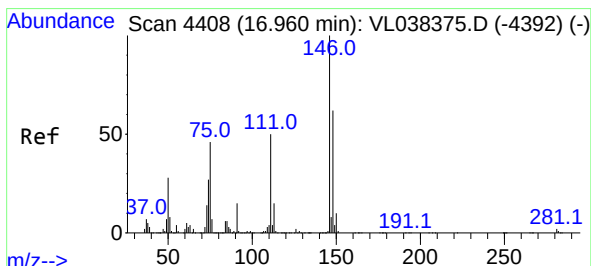
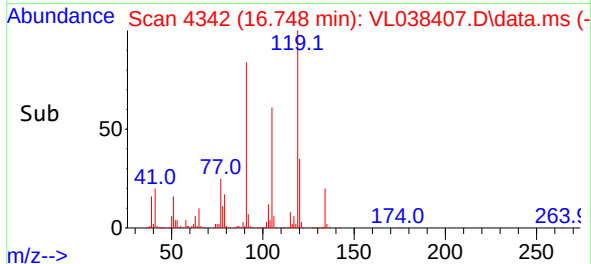
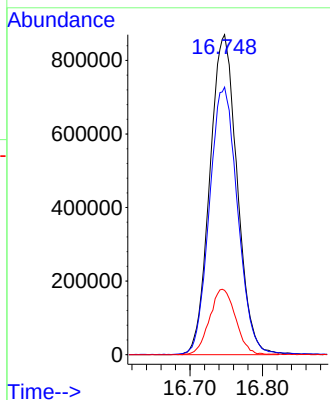
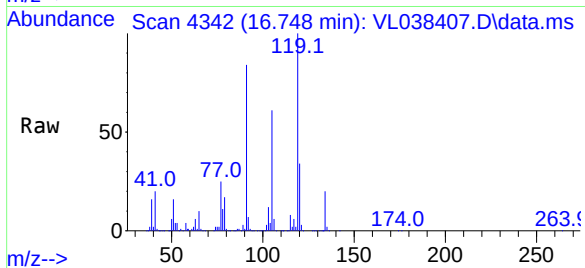
VL0223ABS01

Tgt Ion: 119 Resp: 227429
Ion Ratio Lower Upper
119 100
91 86.5 68.0 102.0
134 19.7 15.8 23.8

Manual Integrations

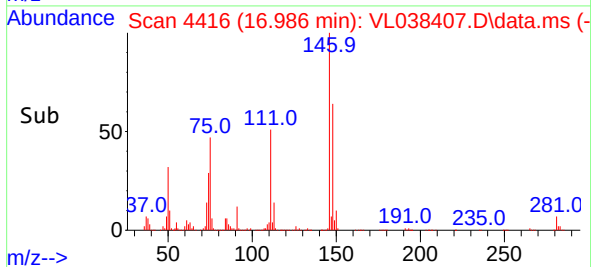
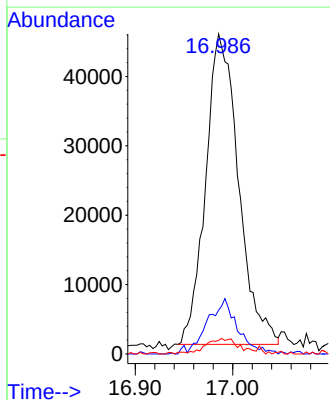
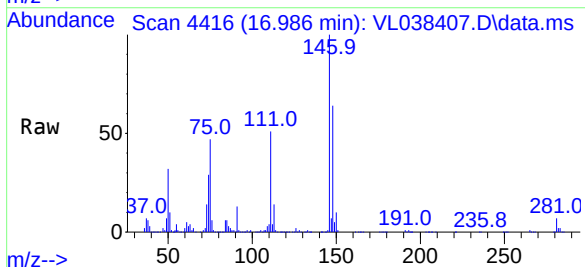
APPROVED

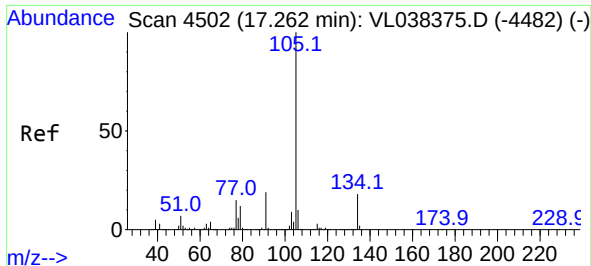
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#66
Benzyl Chloride
Concen: 7.459 ppbv
RT: 16.986 min Scan# 4416
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

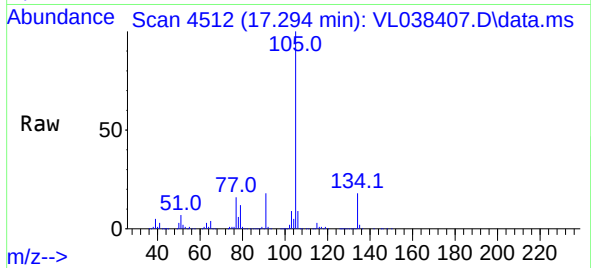
Tgt Ion: 91 Resp: 104923
Ion Ratio Lower Upper
91 100
126 16.8 12.3 18.5
128 5.8 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 8.617 ppbv
 RT: 17.294 min Scan# 41
 Delta R.T. 0.032 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

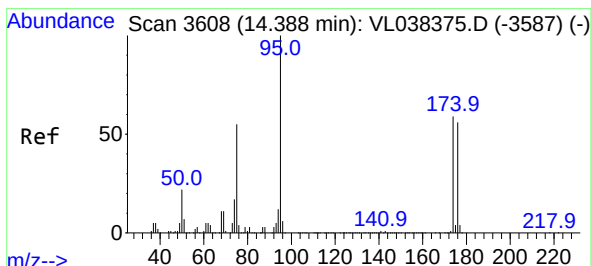
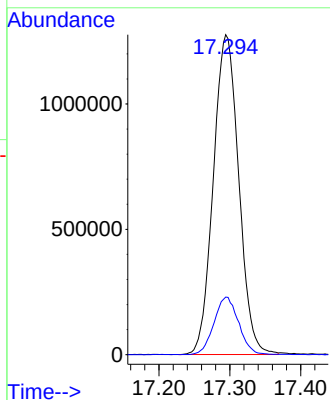
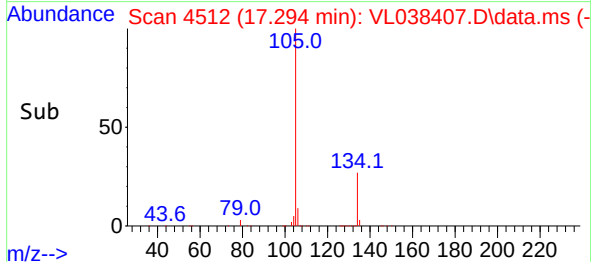
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0223ABS01



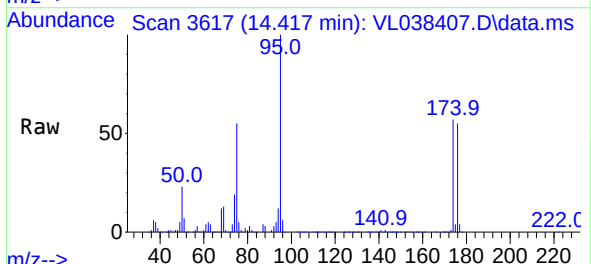
Tgt Ion:105 Resp: 317835
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.6 21.8

Manual Integrations
 APPROVED

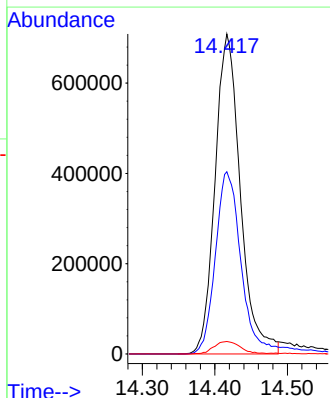
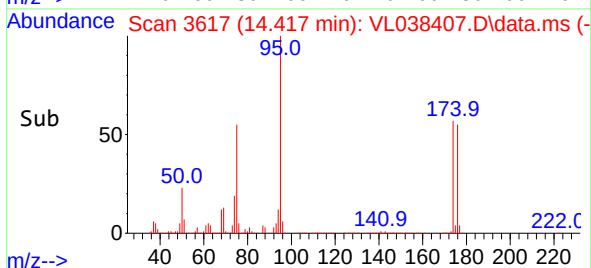
Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

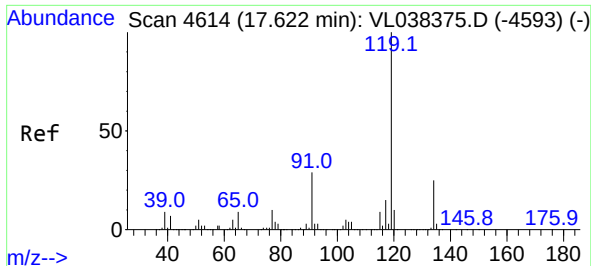


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.301 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.029 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23



Tgt Ion: 95 Resp: 1719304
 Ion Ratio Lower Upper
 95 100
 174 60.3 49.0 73.4
 175 4.2 3.6 5.4





#69
p-Isopropyltoluene
Concen: 8.769 ppbv
RT: 17.654 min Scan# 40
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

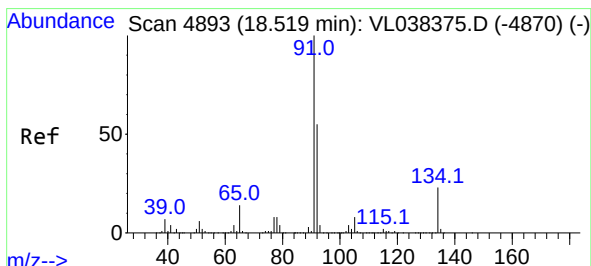
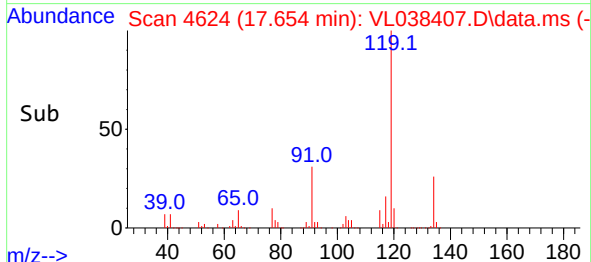
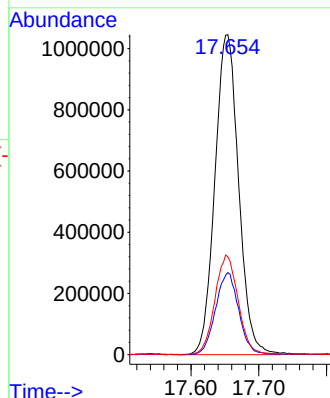
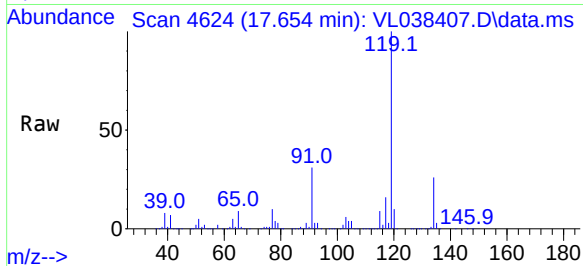
VL0223ABS01

Tgt Ion: 119 Resp: 2540739
Ion Ratio Lower Upper
119 100
134 25.2 20.4 30.6
91 30.7 23.8 35.8

Manual Integrations

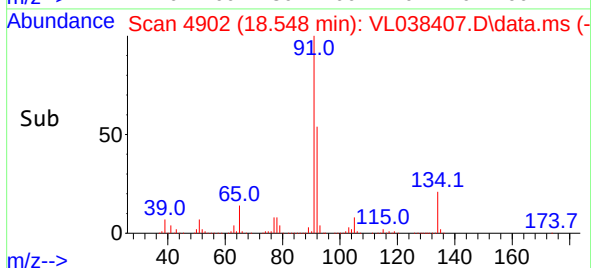
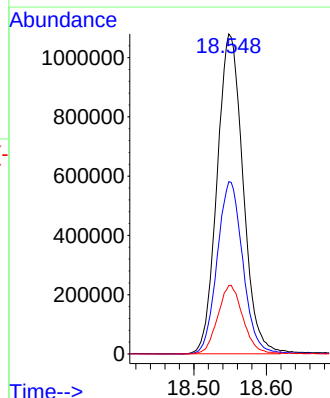
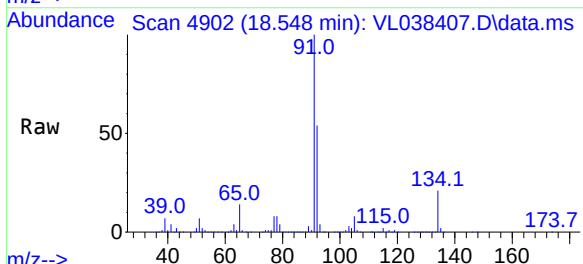
APPROVED

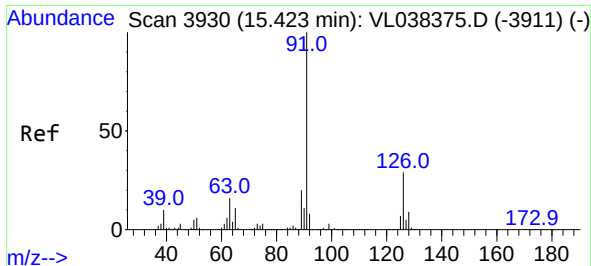
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#70
n-Butylbenzene
Concen: 8.920 ppbv
RT: 18.548 min Scan# 4902
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion: 91 Resp: 2674477
Ion Ratio Lower Upper
91 100
92 53.5 43.1 64.7
134 21.1 17.4 26.0





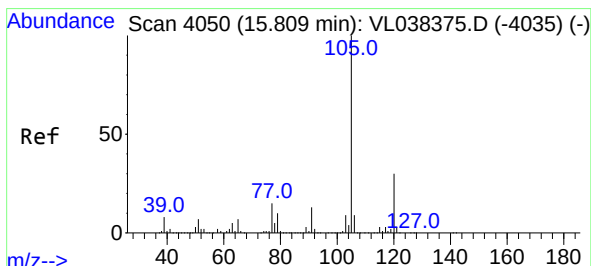
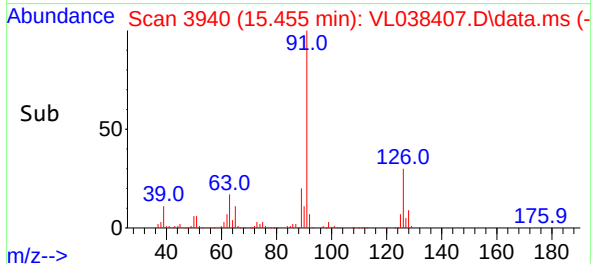
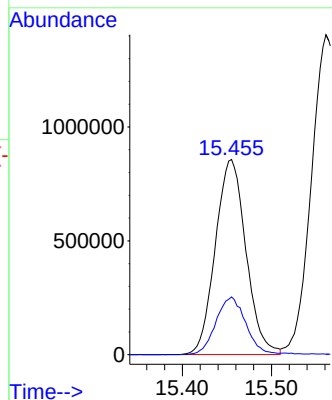
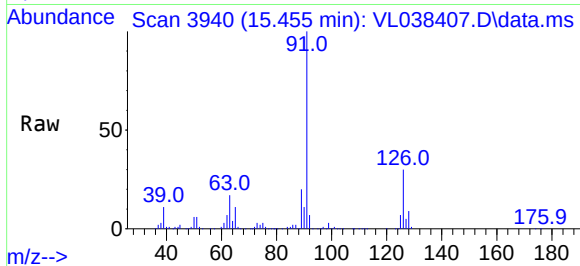
#71
2-Chlorotoluene
Concen: 8.863 ppbv
RT: 15.455 min Scan# 3911
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion: 91 Resp: 2048520
Ion Ratio Lower Upper
91 100
126 29.7 11.9 47.7

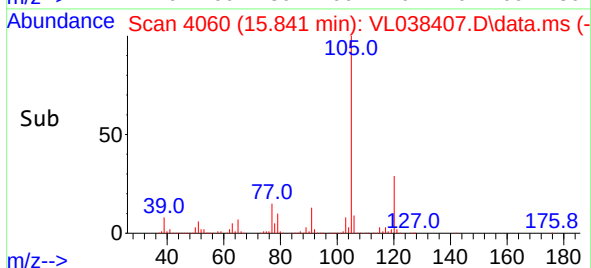
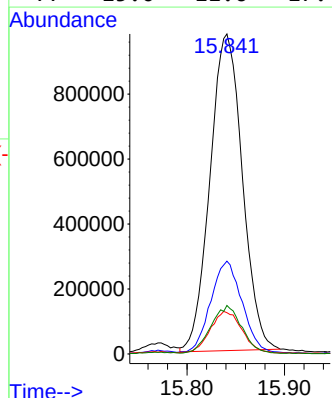
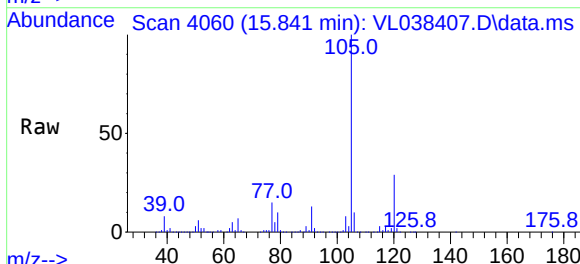
Manual Integrations
APPROVED

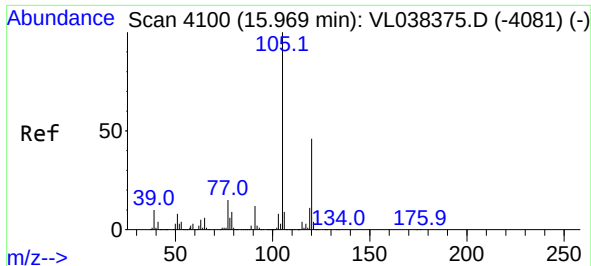
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#72
4-Ethyltoluene
Concen: 9.120 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion:105 Resp: 2250266
Ion Ratio Lower Upper
105 100
120 29.1 23.4 35.2
91 13.2 10.4 15.6
77 15.0 11.6 17.4





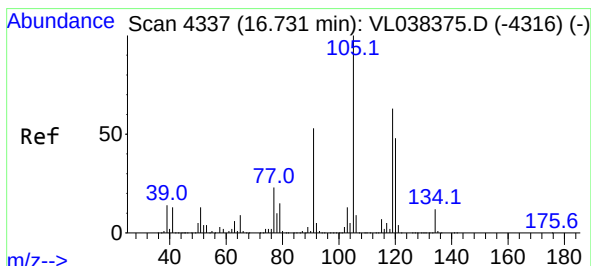
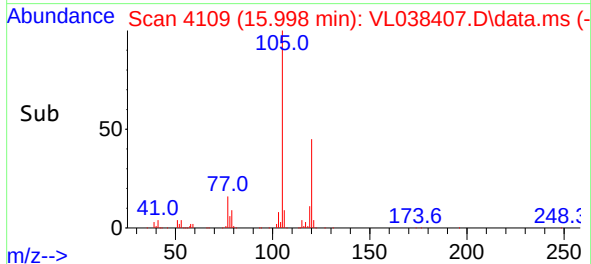
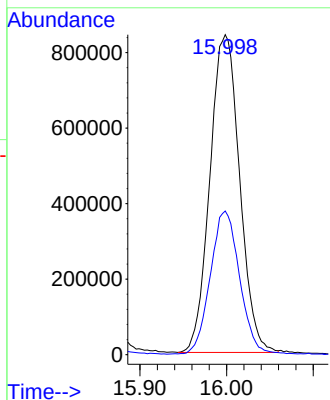
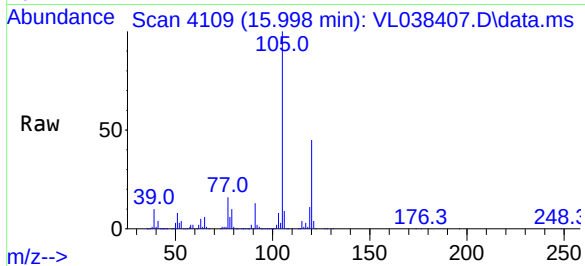
#73
1,3,5-Trimethylbenzene
Concen: 8.961 ppbv
RT: 15.998 min Scan# 4109
Delta R.T. 0.029 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion:105 Resp: 2007998
Ion Ratio Lower Upper
105 100
120 45.0 36.6 55.0

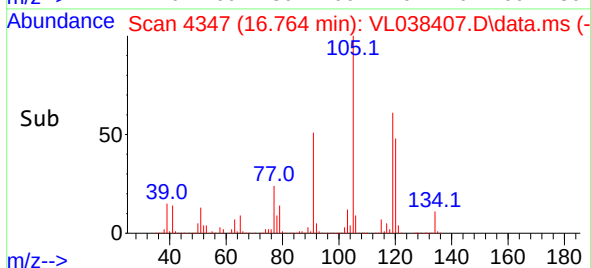
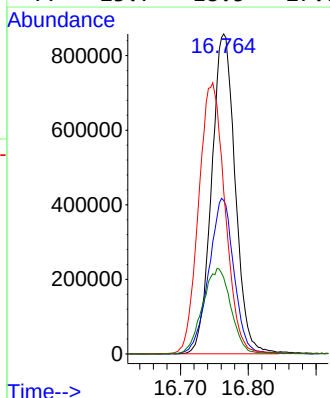
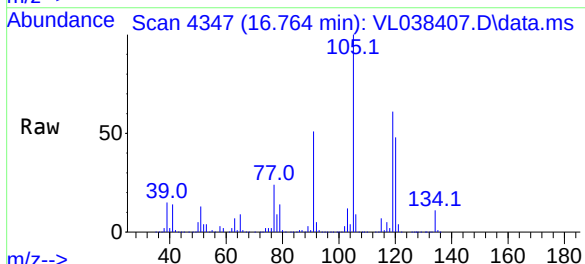
Manual Integrations
APPROVED

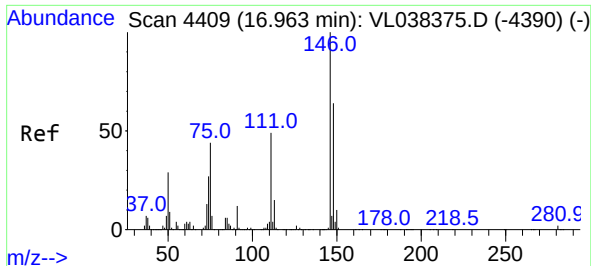
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#74
1,2,4-Trimethylbenzene
Concen: 8.759 ppbv
RT: 16.764 min Scan# 4347
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Tgt Ion:105 Resp: 2072179
Ion Ratio Lower Upper
105 100
120 47.9 38.2 57.4
91 50.7 42.7 64.1
77 23.7 18.5 27.7





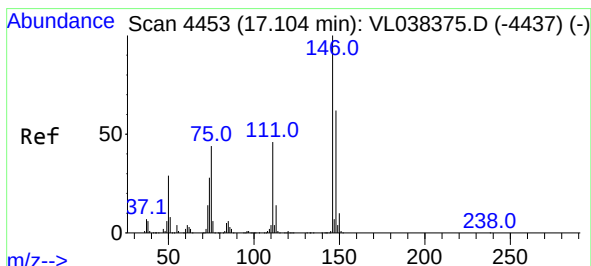
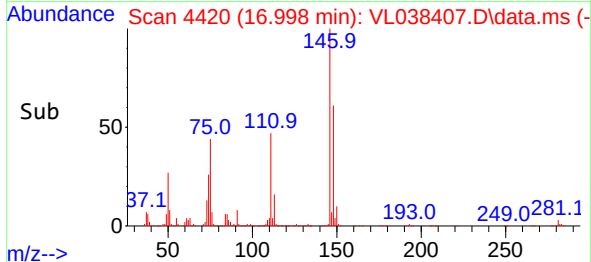
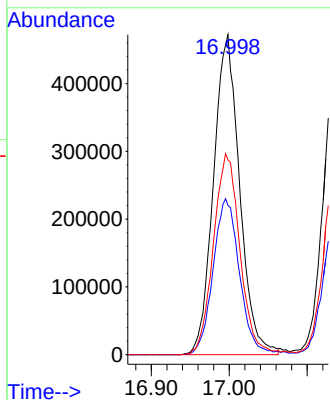
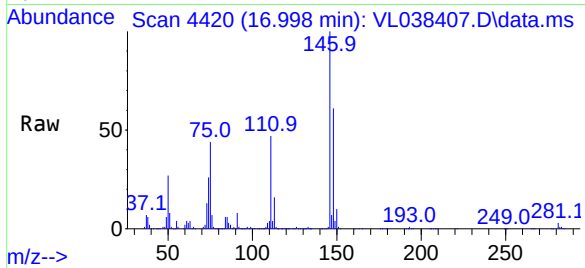
#75
1,3-Dichlorobenzene
Concen: 8.303 ppbv
RT: 16.998 min Scan# 4409
Delta R.T. 0.035 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01

Tgt Ion:146 Resp: 110021
Ion Ratio Lower Upper
146 100
111 49.6 24.3 72.9
148 64.0 32.0 96.0

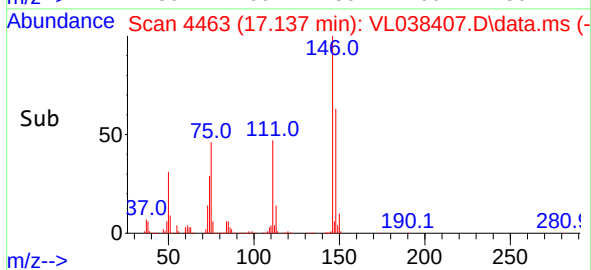
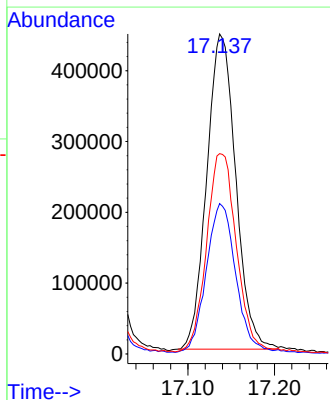
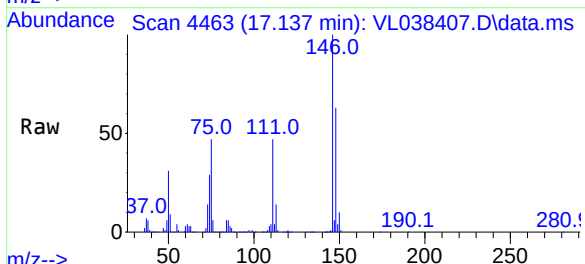
Manual Integrations
APPROVED

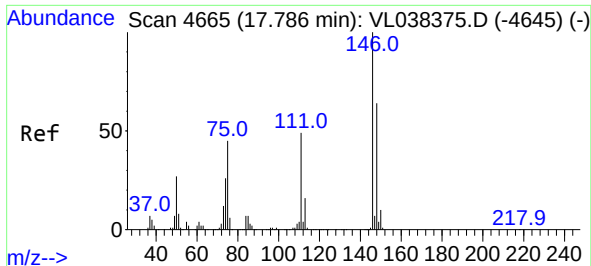
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#76
1,4-Dichlorobenzene
Concen: 7.932 ppbv
RT: 17.137 min Scan# 4463
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

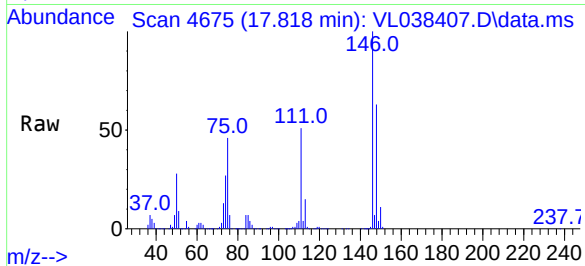
Tgt Ion:146 Resp: 1036422
Ion Ratio Lower Upper
146 100
111 49.3 24.1 72.2
148 67.5 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 8.198 ppbv
RT: 17.818 min Scan# 40
Delta R.T. 0.032 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

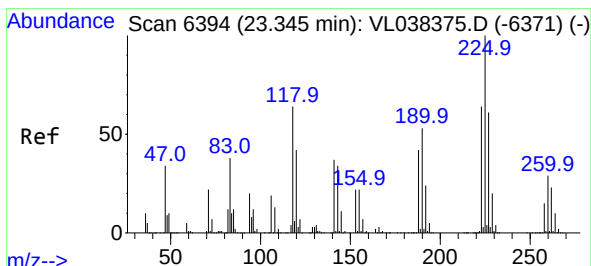
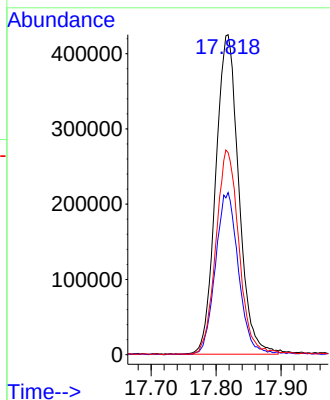
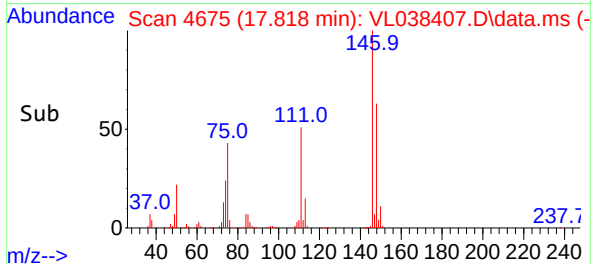
Instrument :
MSVOA_L
ClientSampleId :
VL0223ABS01



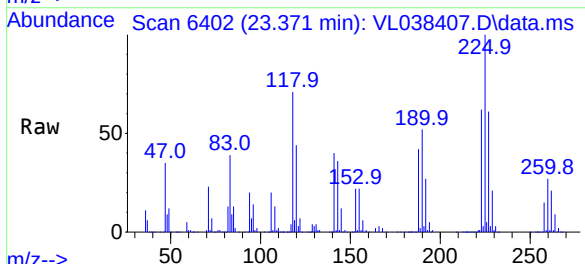
Tgt Ion:146 Resp: 1045630
Ion Ratio Lower Upper
146 100
111 51.6 25.6 76.6
148 64.9 32.4 97.2

Manual Integrations
APPROVED

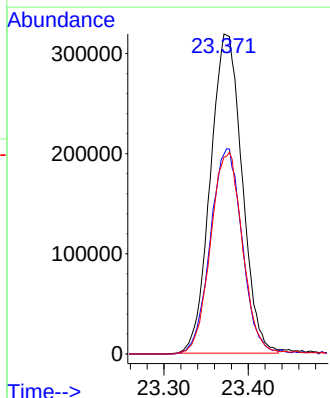
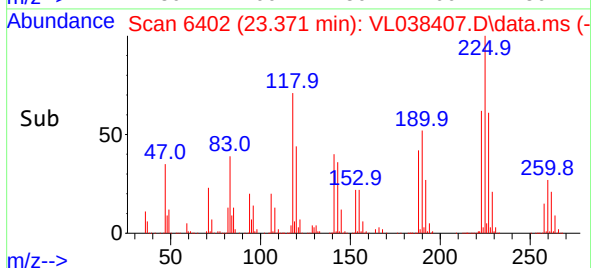
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022

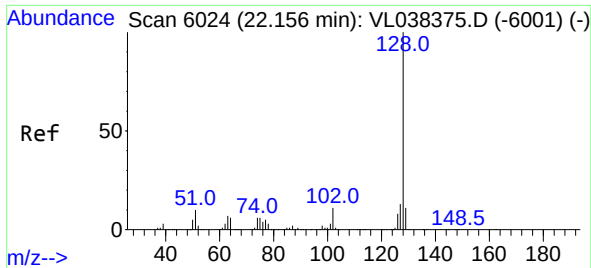


#78
Hexachloro-1,3-Butadiene
Concen: 8.546 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23



Tgt Ion:225 Resp: 831271
Ion Ratio Lower Upper
225 100
223 65.2 52.0 78.0
227 64.1 51.6 77.4





#79
Naphthalene
Concen: 12.380 ppbv
RT: 22.194 min Scan# 6024
Delta R.T. 0.039 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

Instrument :

MSVOA_L

ClientSampleId :

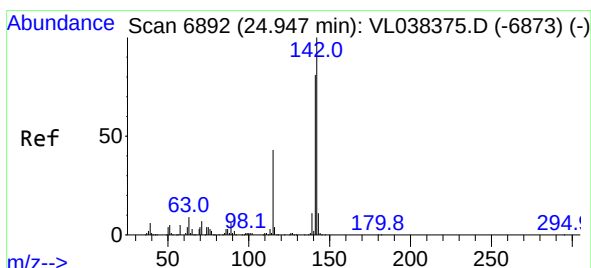
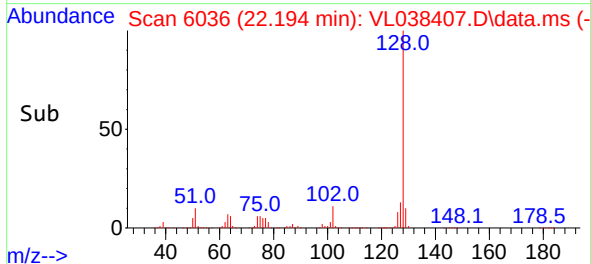
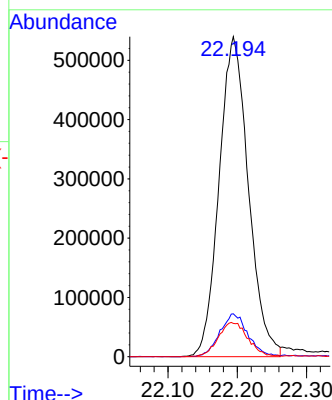
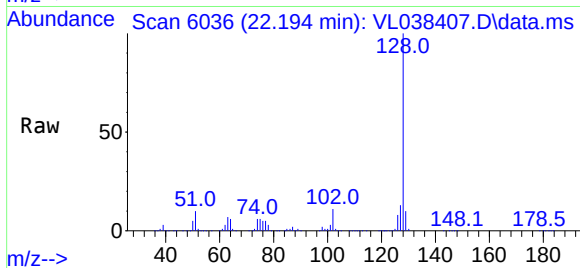
VL0223ABS01

Tgt Ion:128 Resp: 158688
Ion Ratio Lower Upper
128 100
127 13.4 10.7 16.1
129 10.4 8.8 13.2

Manual Integrations

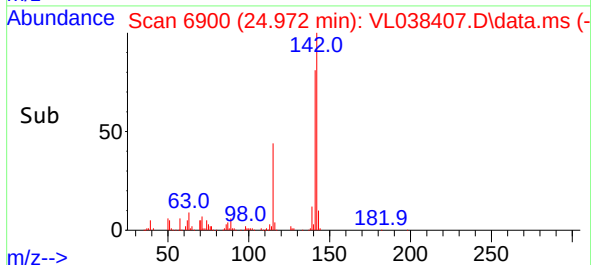
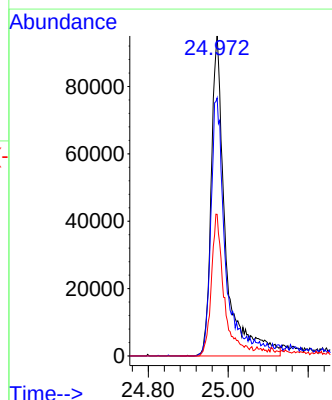
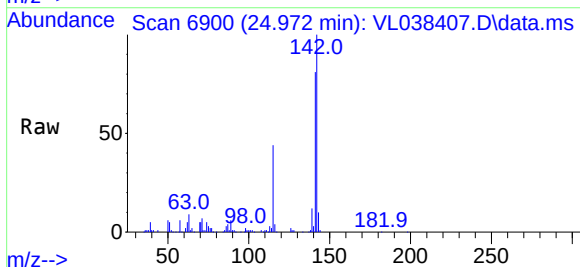
APPROVED

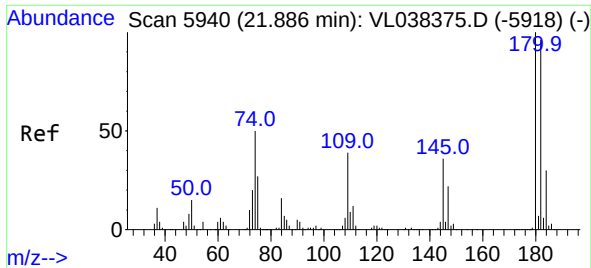
Reviewed By :Semsettin Yesilyurt 02/24/2022
Supervised By :Mahesh Dadoda 02/25/2022



#80
Naphthalene,2-methyl-
Concen: 9.477 ppbv
RT: 24.972 min Scan# 6900
Delta R.T. 0.026 min
Lab File: VL038407.D
Acq: 23 Feb 2022 13:23

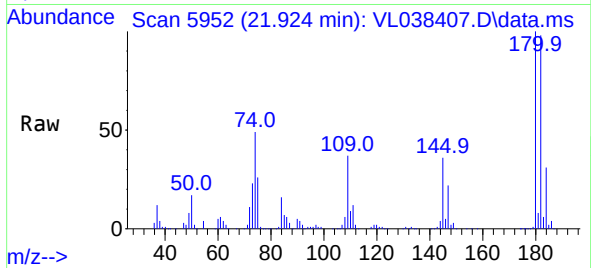
Tgt Ion:142 Resp: 237416
Ion Ratio Lower Upper
142 100
141 82.4 69.8 104.6
115 40.1 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.020 ppbv
 RT: 21.924 min Scan# 5952
 Delta R.T. 0.039 min
 Lab File: VL038407.D
 Acq: 23 Feb 2022 13:23

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0223ABS01



Tgt Ion:180 Resp: 854048
 Ion Ratio Lower Upper
 180 100
 182 97.9 77.4 116.2
 184 31.1 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/24/2022
 Supervised By :Mahesh Dadoda 02/25/2022

