

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038767.D
 Acq On : 28 Mar 2022 9:25
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

Quant Time: Mar 28 14:24:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 28 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	911350	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	7.179	114	2473776	10.000	ppbv	0.01
55) Chlorobenzene-d5	12.089	117	2266942m	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 1808211 10.404 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	970317	7.920	ppbv	100
3) Chlorodifluoromethane	2.999	51	827758	8.600	ppbv	96
4) Chloromethane	3.147	50	465857	8.815	ppbv	99
5) Vinyl Chloride	3.266	62	497378	9.263	ppbv	98
6) Bromomethane	3.481	94	299384	10.459	ppbv	98
7) Chloroethane	3.565	64	178171	10.023	ppbv	98
8) Dichlorotetrafluoroethane	3.195	85	1196244	9.780	ppbv	99
9) Propene	3.018	41	351723	7.569	ppbv	99
10) Heptane	8.124	43	971042	8.742	ppbv	97
11) Trichlorofluoromethane	3.957	101	1232064	11.394	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.491	101	960318	11.537	ppbv	99
13) Ethanol	3.613	45	36858m	7.190	ppbv	
14) Bromoethene	3.748	108	404803	10.943	ppbv	97
15) Acetone	3.854	43	813255	10.342	ppbv	100
16) 1,3-Butadiene	3.337	39	430608	9.649	ppbv	97
17) tert-Butyl alcohol	4.288	59	841157	12.248	ppbv	99
18) 1,1-Dichloroethene	4.295	96	431544	11.541	ppbv	96
19) Isopropyl Alcohol	3.970	45	465799	10.684	ppbv	99
20) Methylene Chloride	4.350	84	362151	10.934	ppbv	98
21) Allyl Chloride	4.417	41	638223	11.277	ppbv	97
22) trans-1,2-Dichloroethene	4.890	96	461783	11.906	ppbv	97
23) Vinyl Acetate	5.076	43	954942	12.541	ppbv	99
24) 1,1-Dichloroethane	5.015	63	852776	11.371	ppbv	99
25) Ethyl Acetate	5.681	43	1781399	8.999	ppbv	99
26) Hexane	5.694	57	795427	8.975	ppbv	98
27) Carbon Disulfide	4.555	76	1118522	12.865	ppbv	99
28) Methyl tert-Butyl Ether	5.038	73	786494	11.913	ppbv	98
29) Chloroform	5.758	83	1339924	9.442	ppbv	99
30) Cyclohexane	7.134	84	686809	8.913	ppbv	96
31) cis-1,2-Dichloroethene	5.552	61	651776	7.821	ppbv	95
32) 1,1,1-Trichloroethane	6.517	97	1320058	9.640	ppbv	99
34) 2-Butanone	5.247	43	968055	9.887	ppbv	97
35) Carbon Tetrachloride	7.021	117	1401594	9.765	ppbv	98
36) Benzene	6.896	78	1674543	8.771	ppbv	99
37) 1,2-Dichloroethane	6.311	62	902401	9.292	ppbv	99
38) Trichloroethene	7.838	130	756690	9.461	ppbv	99
39) 1,2-Dichloropropane	7.616	63	639037	8.562	ppbv	98
40) 1,4-Dioxane	7.835	88	229140	8.840	ppbv #	1
41) Tetrahydrofuran	6.054	42	593349	8.142	ppbv	93
42) Bromodichloromethane	7.796	83	1412409	9.700	ppbv	97
43) Methyl Methacrylate	8.015	69	684184	9.652	ppbv	93
44) 2,2,4-Trimethylpentane	7.874	57	2751252	8.583	ppbv	100
45) t-1,3-Dichloropropene	9.279	75	784159	10.880	ppbv	99

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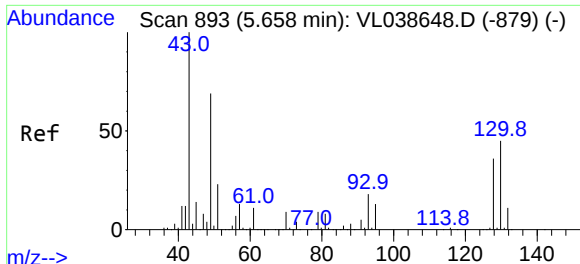
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 28 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

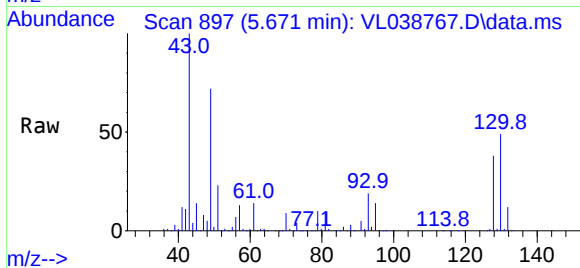
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	991436	10.173	ppbv	99
47) 1,1,2-Trichloroethane	9.478	97	694078	8.710	ppbv	97
48) Dibromochloromethane	10.304	129	1250854	10.021	ppbv	99
49) Bromoform	13.044	173	1019326	10.020	ppbv	99
50) 4-Methyl-2-Pentanone	8.742	43	1615850	8.877	ppbv	99
51) 2-Hexanone	10.134	43	1231142	9.416	ppbv #	98
52) Tetrachloroethene	11.224	164	618143	8.847	ppbv	96
53) Toluene	9.809	91	1940280	9.458	ppbv	99
54) 1,2-Dibromoethane	10.613	107	1015416	9.332	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.127	131	877752	9.339	ppbv #	58
57) Chlorobenzene	12.150	112	1457145	8.912	ppbv	98
58) Ethyl Benzene	12.713	91	2488616	9.390	ppbv	100
59) m/p-Xylene	12.996	91	4291215m	18.511	ppbv	
60) o-Xylene	13.693	91	2058072	9.350	ppbv	99
61) Styrene	13.529	104	1203076	10.079	ppbv	99
62) Isopropylbenzene	14.667	105	2963671	8.956	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.677	83	1347615	7.904	ppbv	100
64) n-propylbenzene	15.565	120	786958	9.063	ppbv	96
65) tert-Butylbenzene	16.745	119	2680240	9.014	ppbv	98
66) Benzyl Chloride	16.989	91	665905	11.828	ppbv	99
67) sec-Butylbenzene	17.294	105	3802596	8.942	ppbv	100
69) p-Isopropyltoluene	17.651	119	3174941	9.148	ppbv	99
70) n-Butylbenzene	18.552	91	3325897	9.291	ppbv	100
71) 2-Chlorotoluene	15.455	91	2183663	8.891	ppbv	99
72) 4-Ethyltoluene	15.838	105	2440895	9.394	ppbv	100
73) 1,3,5-Trimethylbenzene	15.999	105	2129710	8.995	ppbv	98
74) 1,2,4-Trimethylbenzene	16.764	105	2348999	9.108	ppbv	96
75) 1,3-Dichlorobenzene	16.999	146	1435658	8.740	ppbv	100
76) 1,4-Dichlorobenzene	17.140	146	1391121	8.516	ppbv	97
77) 1,2-Dichlorobenzene	17.818	146	1431453	8.797	ppbv	99
78) Hexachloro-1,3-Butadiene	23.375	225	1307127	8.691	ppbv	100
79) Naphthalene	22.198	128	2304439	11.696	ppbv	99
80) Naphthalene,2-methyl-	24.969	142	437760	8.285	ppbv	98
81) 1,2,4-Trichlorobenzene	21.924	180	1356595	10.058	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

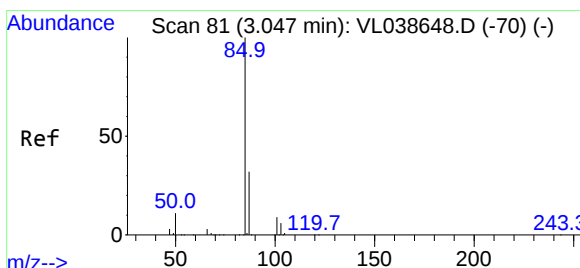
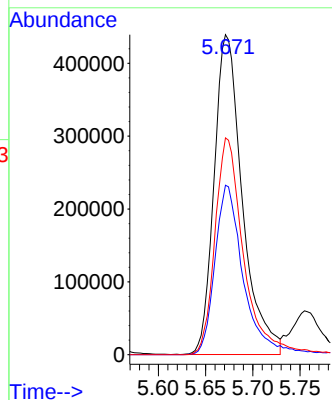
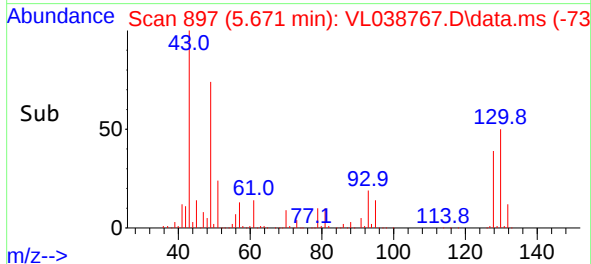
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



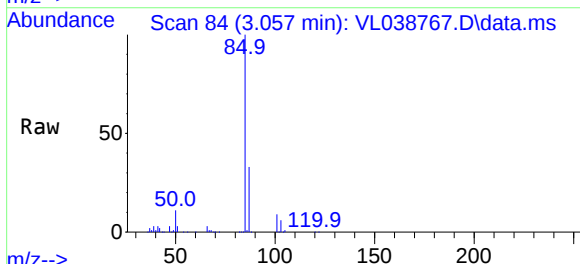
Tgt Ion: 49 Resp: 911350
Ion Ratio Lower Upper
49 100
128 54.3 26.2 78.6
130 70.1 33.7 101.1

Manual Integrations
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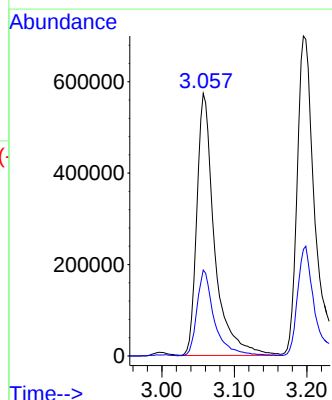
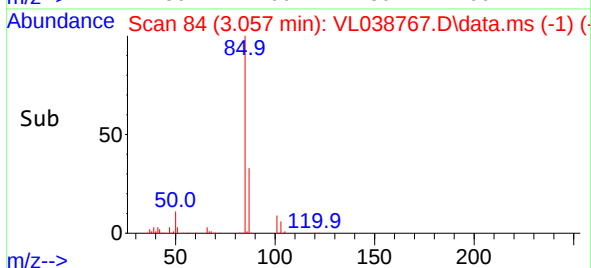
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

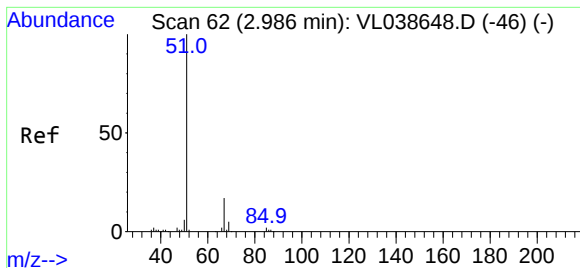


#2
Dichlorodifluoromethane
Concen: 7.920 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion: 85 Resp: 970317
Ion Ratio Lower Upper
85 100
87 32.6 26.0 39.0





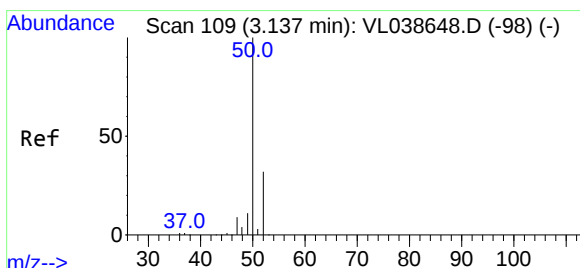
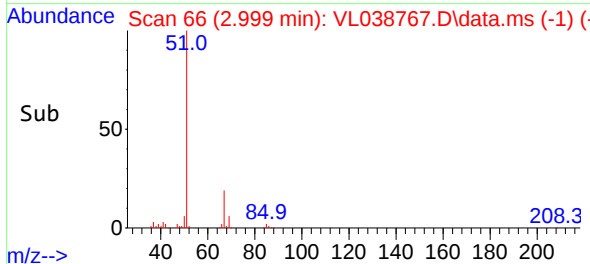
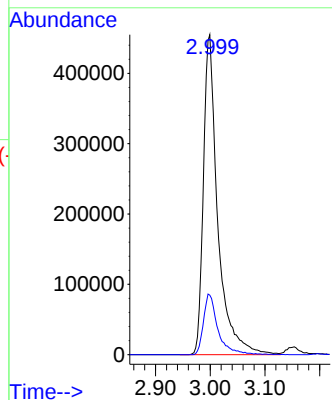
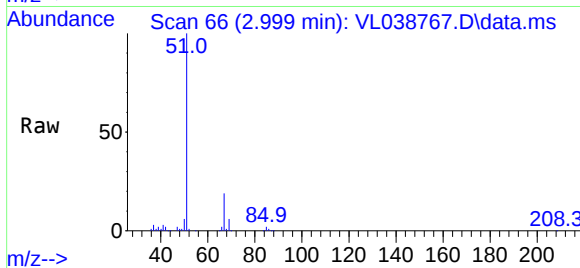
#3
Chlorodifluoromethane
Concen: 8.600 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 827758
Ion Ratio Lower Upper
51 100
67 19.2 14.1 21.1

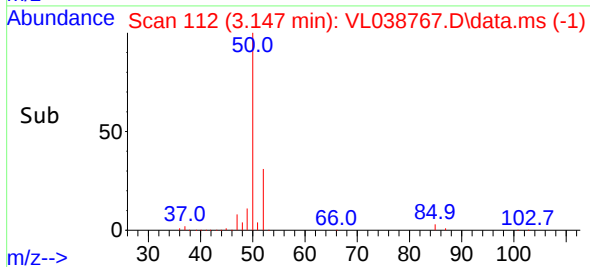
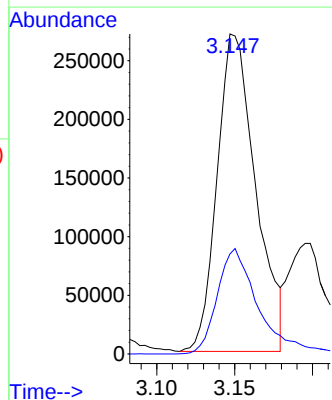
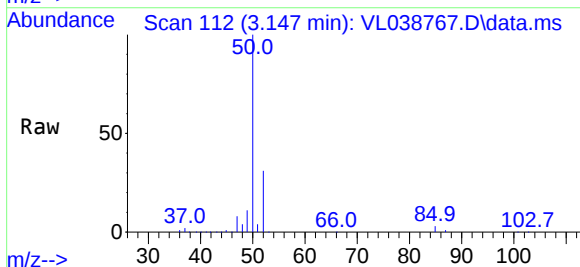
Manual Integrations
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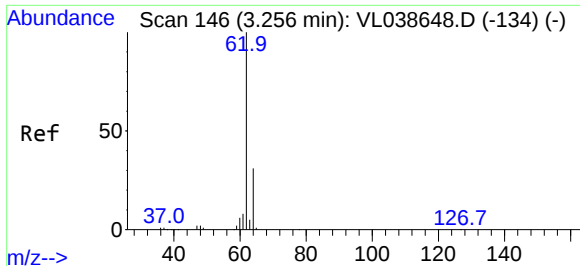
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#4
Chloromethane
Concen: 8.815 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

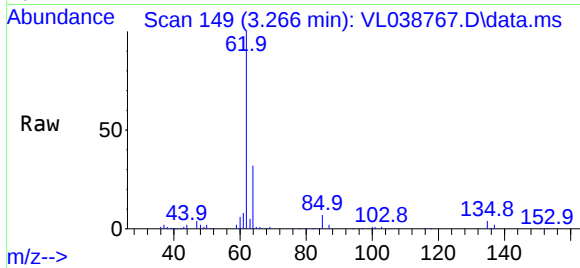
Tgt Ion: 50 Resp: 465857
Ion Ratio Lower Upper
50 100
52 31.5 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.263 ppbv
 RT: 3.266 min Scan# 146
 Delta R.T. 0.010 min
 Lab File: VL038767.D
 Acq: 28 Mar 2022 9:25

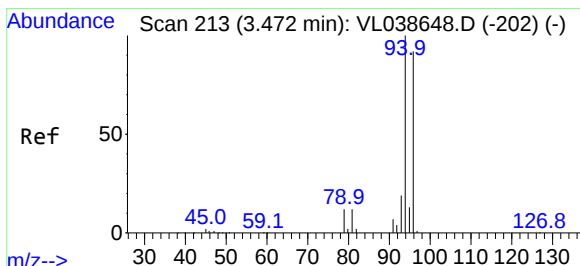
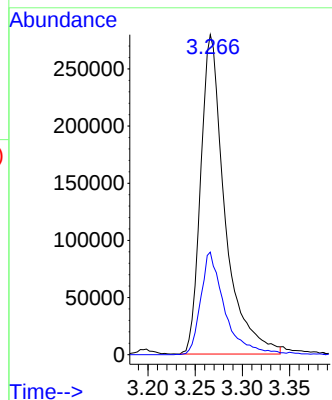
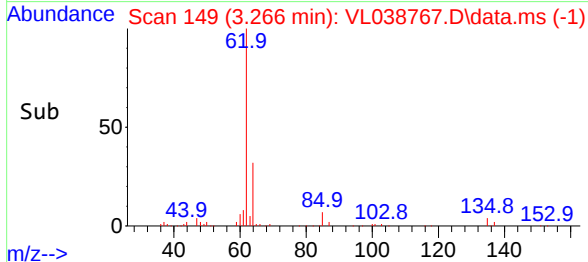
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



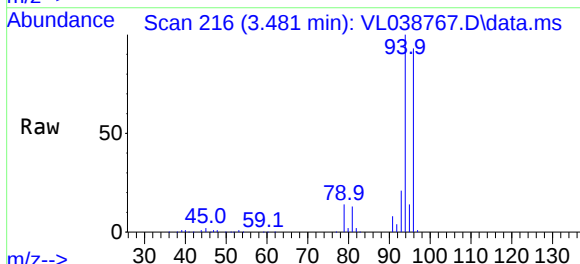
Tgt Ion: 62 Resp: 497378
 Ion Ratio Lower Upper
 62 100
 64 32.0 25.0 37.4

Manual Integrations
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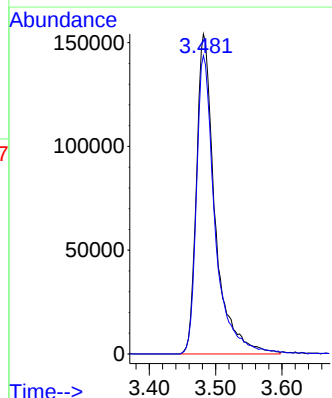
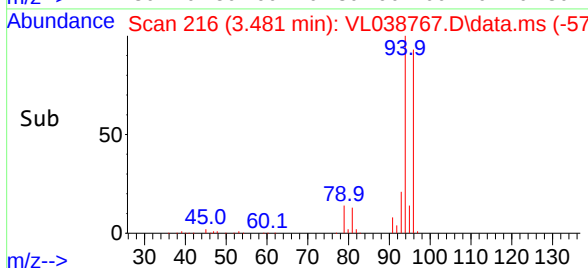
Reviewed By :Semsettin Yesilyurt 03/29/2022
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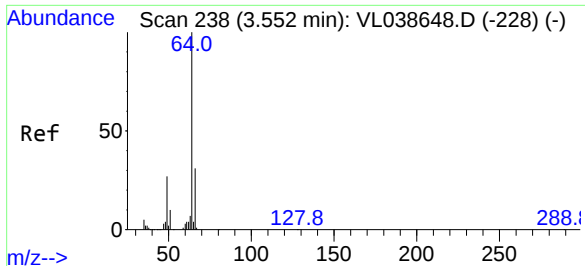


#6
 Bromomethane
 Concen: 10.459 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.010 min
 Lab File: VL038767.D
 Acq: 28 Mar 2022 9:25



Tgt Ion: 94 Resp: 299384
 Ion Ratio Lower Upper
 94 100
 96 93.3 73.3 109.9





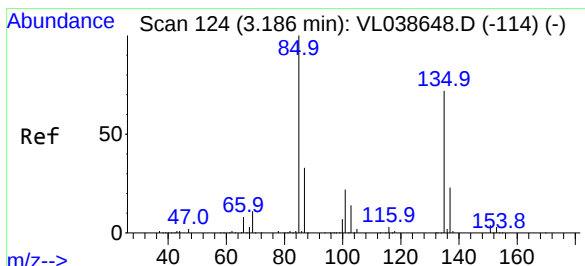
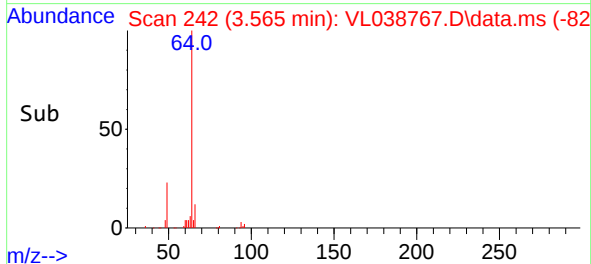
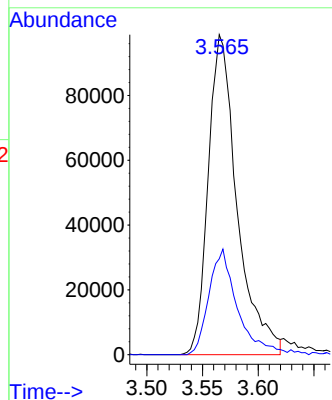
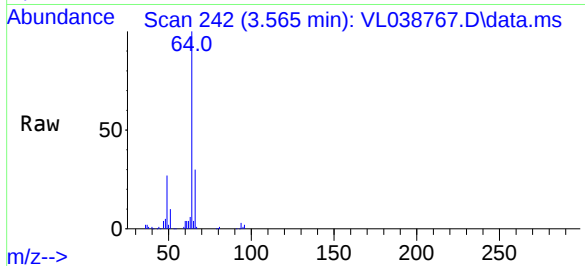
#7
Chloroethane
Concen: 10.023 ppbv
RT: 3.565 min Scan# 24
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 17817
Ion Ratio Lower Upper
64 100
66 30.0 25.0 37.6

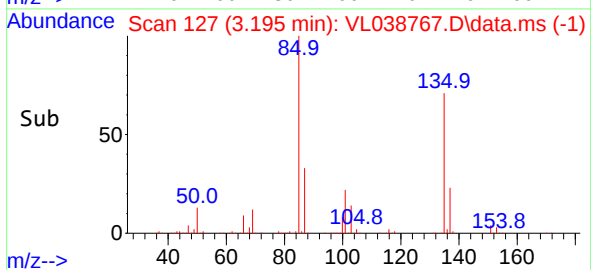
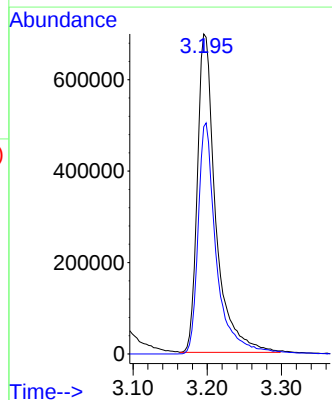
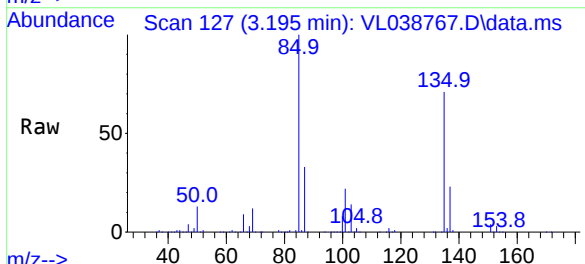
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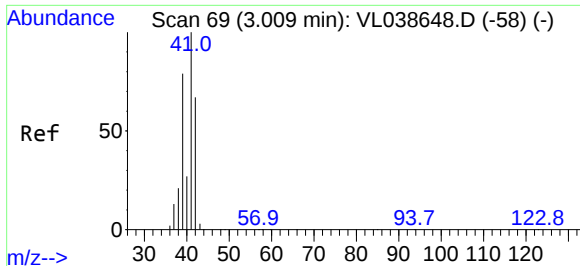
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#8
Dichlorotetrafluoroethane
Concen: 9.780 ppbv
RT: 3.195 min Scan# 127
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Tgt Ion: 85 Resp: 1196244
Ion Ratio Lower Upper
85 100
135 73.0 57.8 86.6





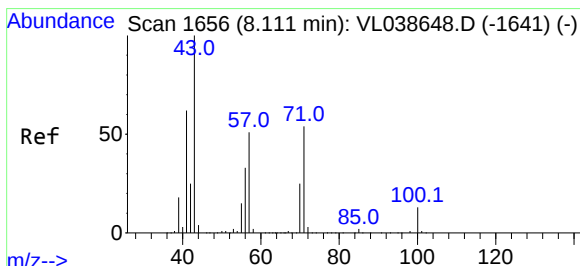
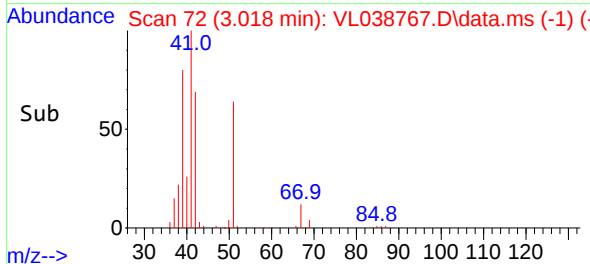
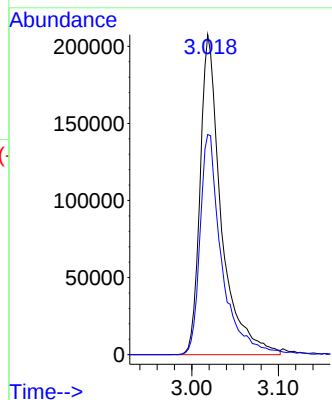
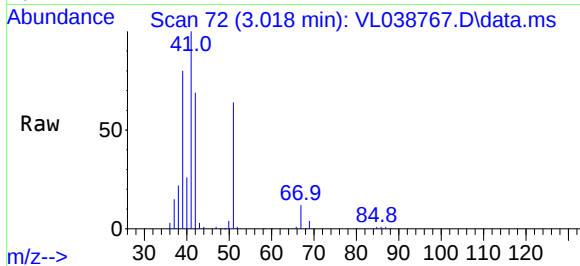
#9
Propene
Concen: 7.569 ppbv
RT: 3.018 min Scan# 71
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 35172
Ion Ratio Lower Upper
41 100
42 71.4 56.2 84.4

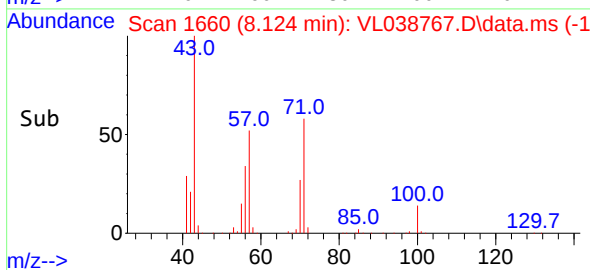
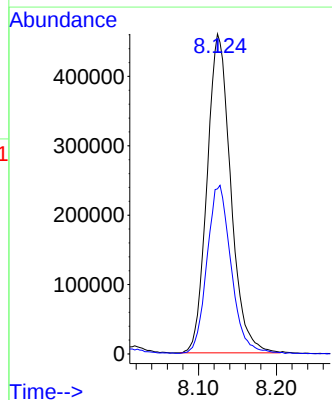
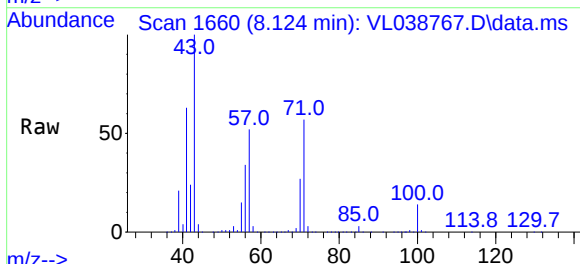
Manual Integrations
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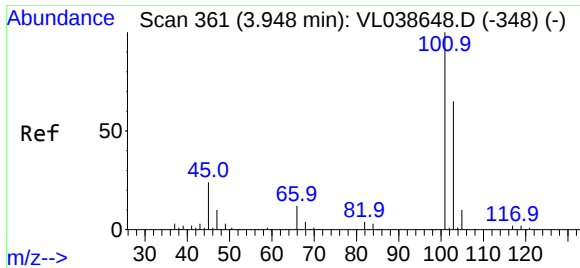
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#10
Heptane
Concen: 8.742 ppbv
RT: 8.124 min Scan# 1660
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

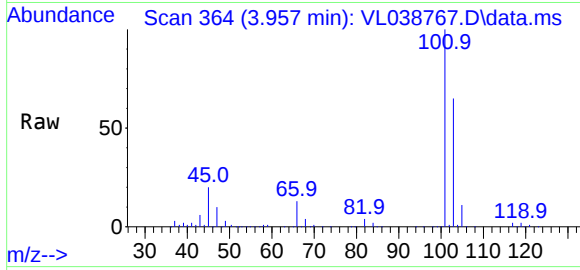
Tgt Ion: 43 Resp: 971042
Ion Ratio Lower Upper
43 100
57 54.2 41.4 62.2





#11
Trichlorofluoromethane
Concen: 11.394 ppbv
RT: 3.957 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

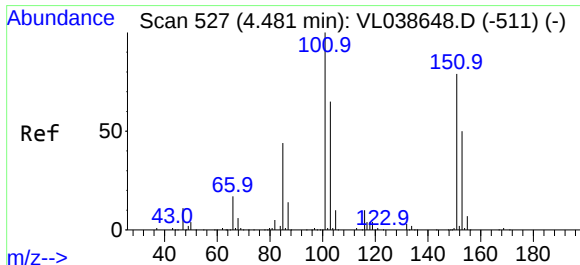
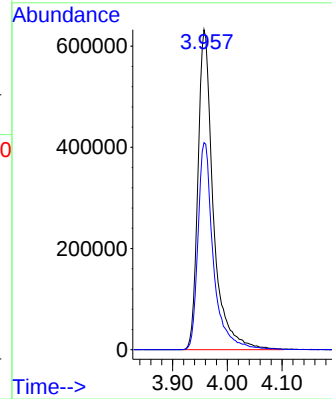
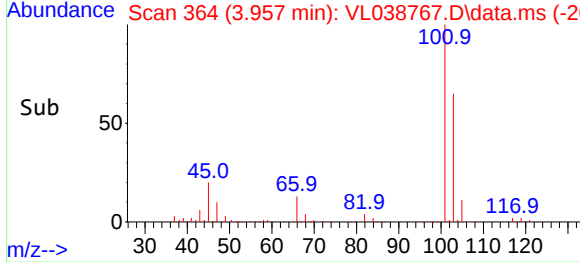
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 123206
Ion Ratio Lower Upper
101 100
103 64.6 51.9 77.9

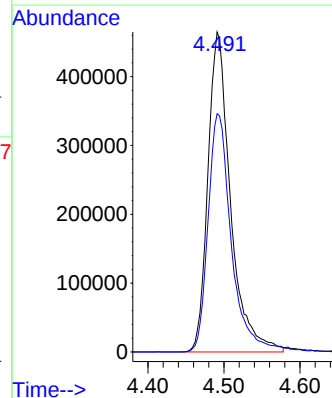
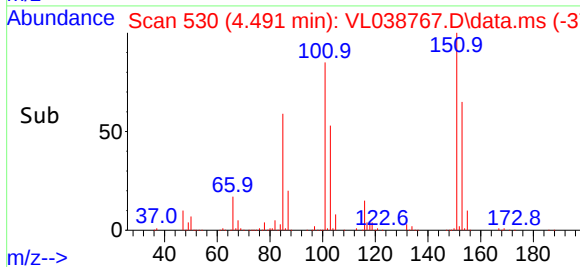
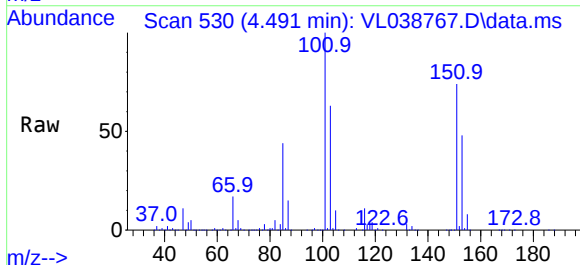
Manual Integrations
APPROVED

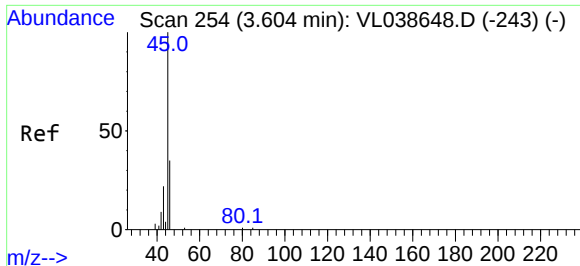
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.537 ppbv
RT: 4.491 min Scan# 530
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

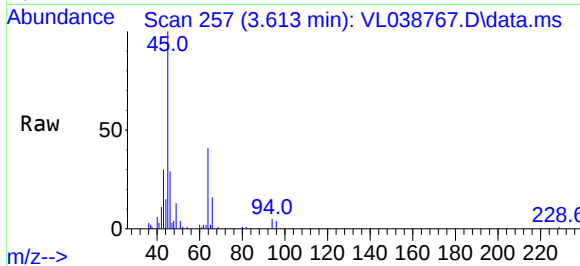
Tgt Ion:101 Resp: 960318
Ion Ratio Lower Upper
101 100
151 77.3 62.9 94.3





#13
Ethanol
Concen: 7.190 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

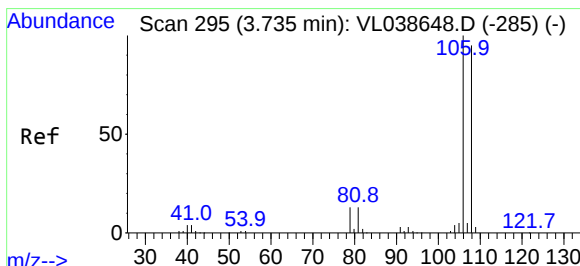
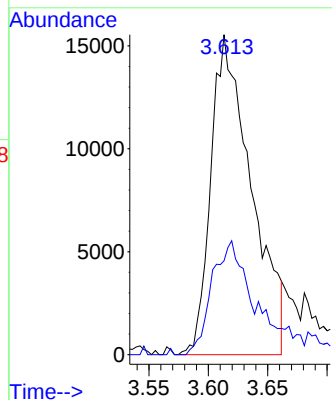
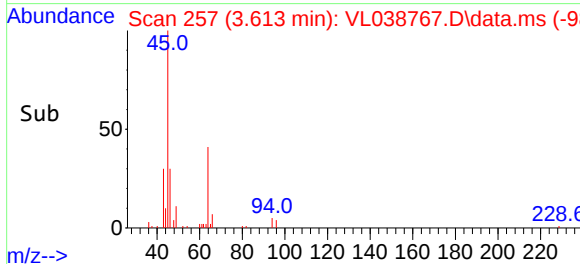
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



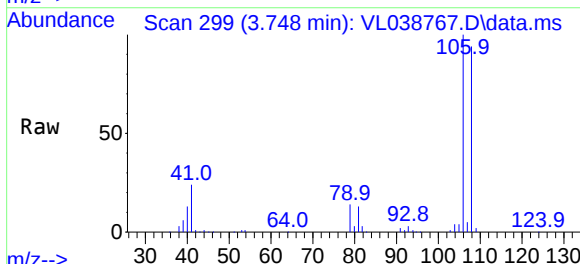
Tgt Ion: 45 Resp: 3685
Ion Ratio Lower Upper
45 100
46 38.7 15.1 60.5

Manual Integrations
APPROVED

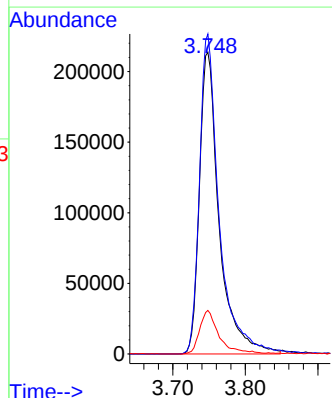
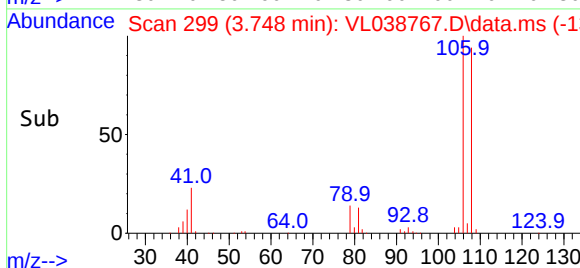
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

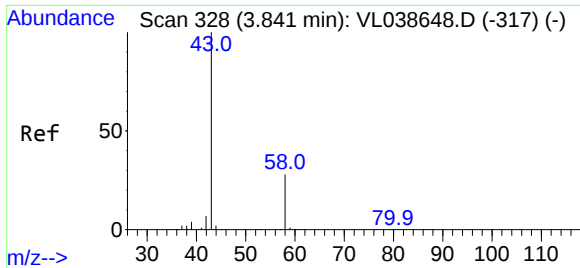


#14
Bromoethene
Concen: 10.943 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion:108 Resp: 404803
Ion Ratio Lower Upper
108 100
106 106.4 88.3 132.5
79 14.6 11.2 16.8





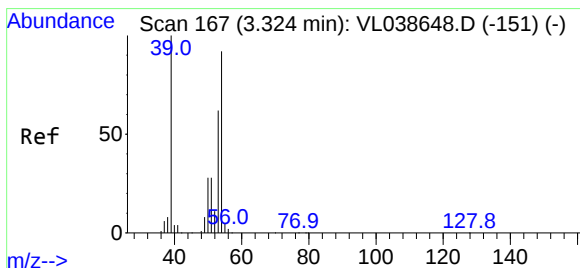
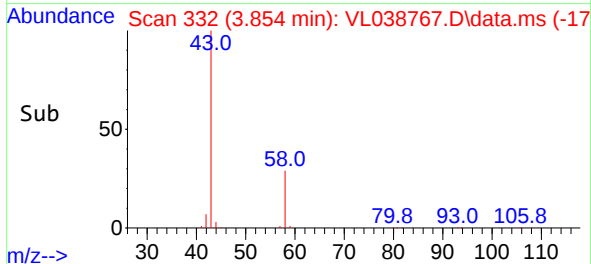
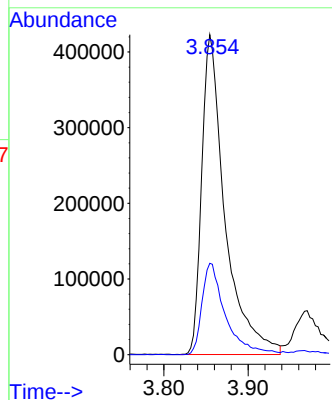
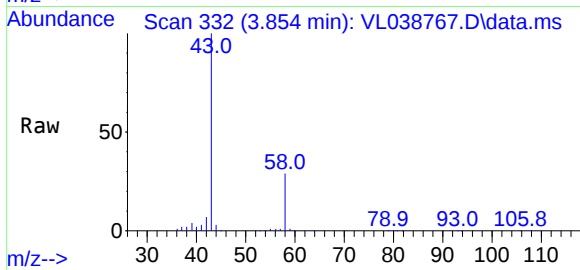
#15
Acetone
Concen: 10.342 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 81325
Ion Ratio Lower Upper
43 100
58 29.0 23.3 34.9

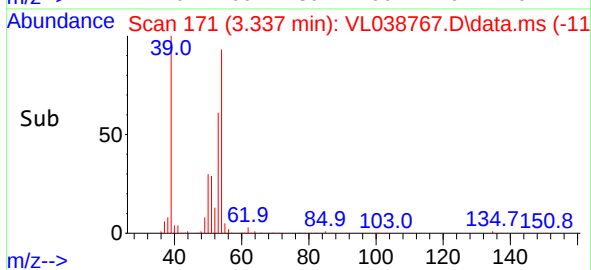
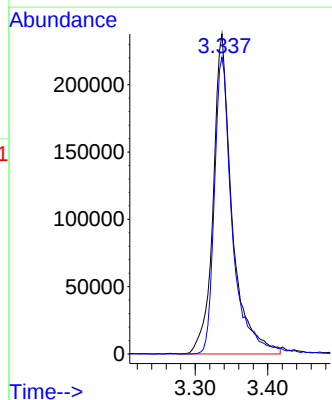
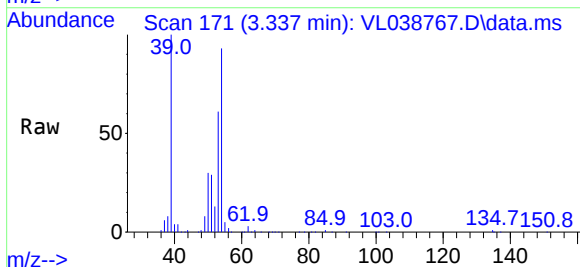
Manual Integrations
APPROVED

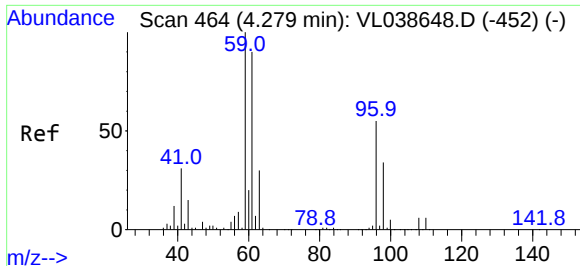
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#16
1,3-Butadiene
Concen: 9.649 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

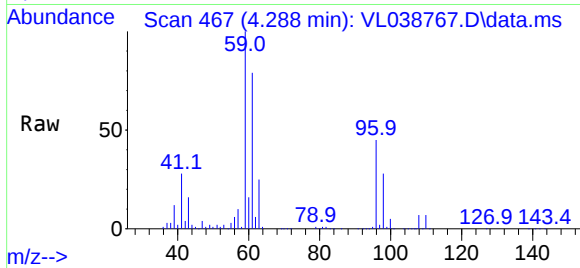
Tgt Ion: 39 Resp: 430608
Ion Ratio Lower Upper
39 100
54 88.8 69.1 103.7





#17
tert-Butyl alcohol
Concen: 12.248 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

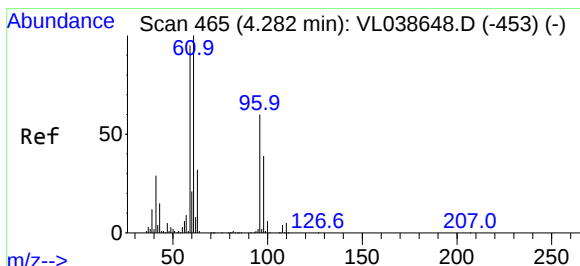
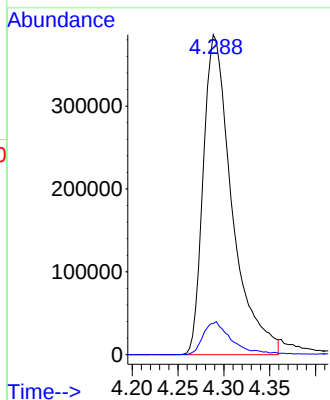
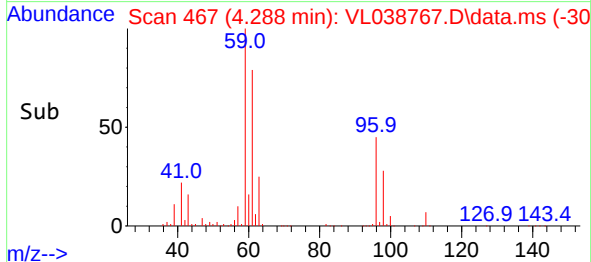
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



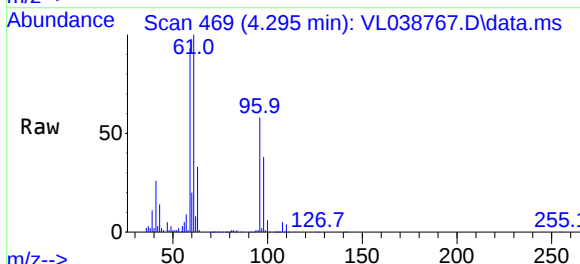
Tgt Ion: 59 Resp: 84115
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.2

Manual Integrations
APPROVED

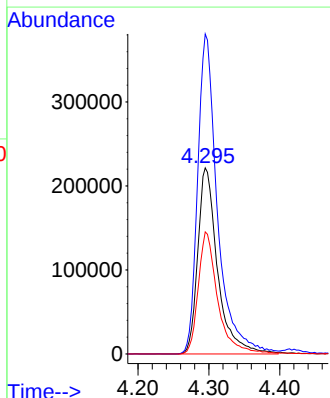
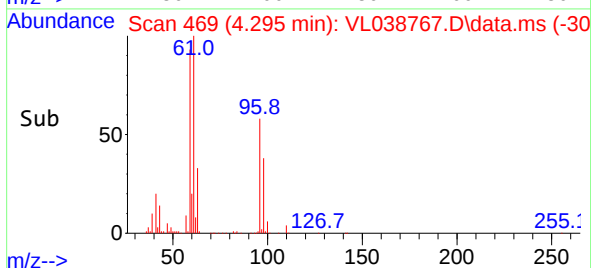
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

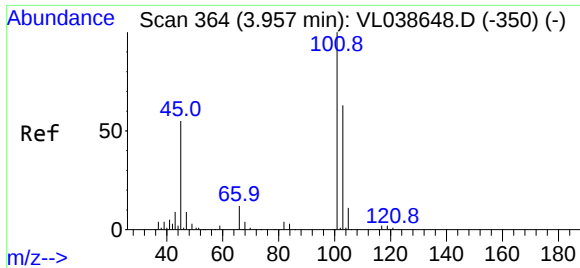


#18
1,1-Dichloroethene
Concen: 11.541 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



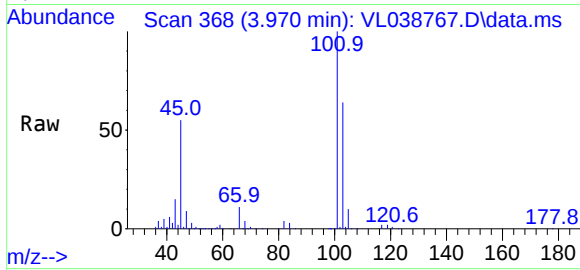
Tgt Ion: 96 Resp: 431544
Ion Ratio Lower Upper
96 100
61 171.8 132.4 198.6
98 65.6 51.6 77.4





#19
Isopropyl Alcohol
Concen: 10.684 ppbv
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

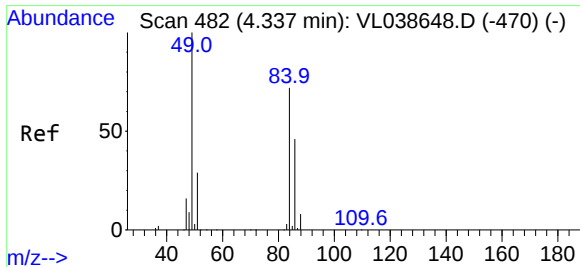
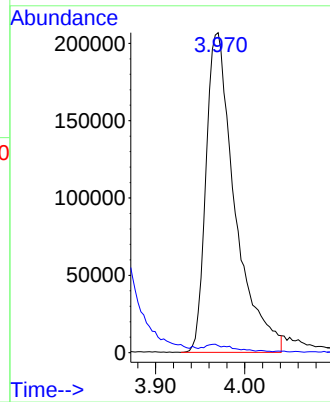
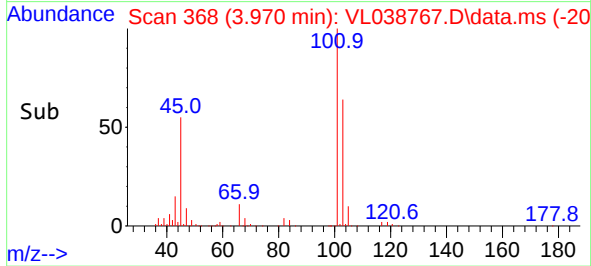
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



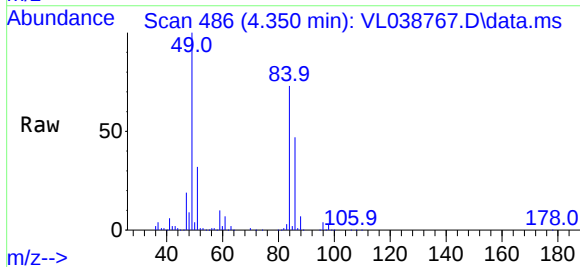
Tgt Ion: 45 Resp: 465799
Ion Ratio Lower Upper
45 100
58 3.3 2.3 3.5

Manual Integrations
APPROVED

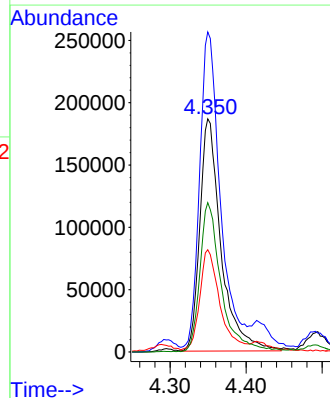
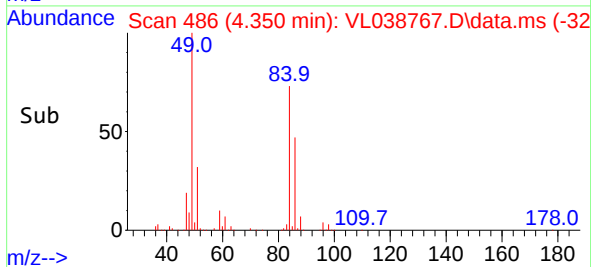
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

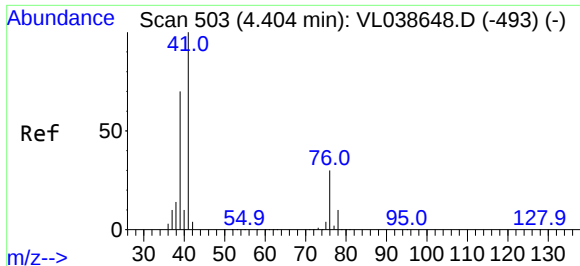


#20
Methylene Chloride
Concen: 10.934 ppbv
RT: 4.350 min Scan# 486
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



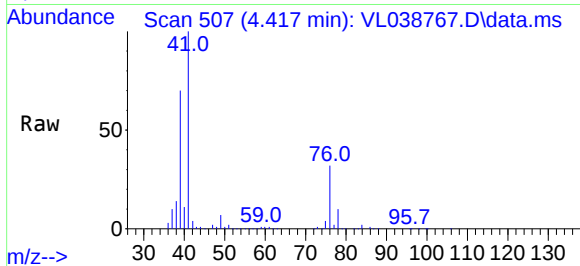
Tgt Ion: 84 Resp: 362151
Ion Ratio Lower Upper
84 100
49 135.9 111.2 166.8
51 43.2 32.8 49.2
86 64.2 51.4 77.0





#21
Allyl Chloride
Concen: 11.277 ppbv
RT: 4.417 min Scan# 503
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

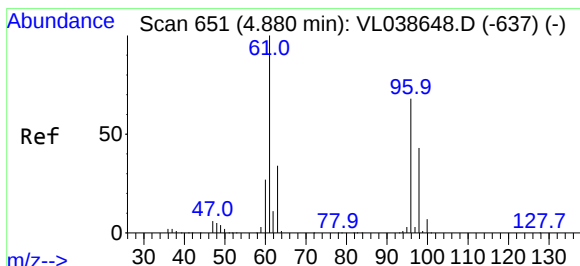
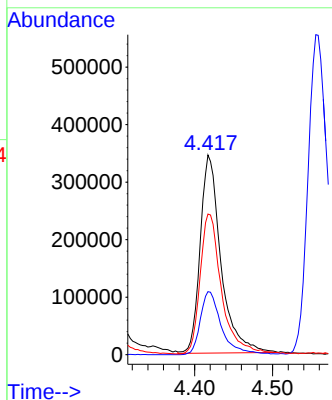
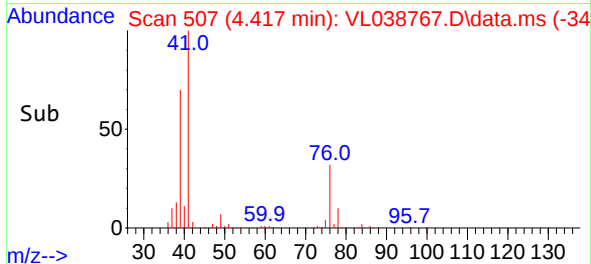
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 41 Resp: 63822
Ion Ratio Lower Upper
41 100
76 32.4 25.0 37.6
39 73.4 56.6 85.0

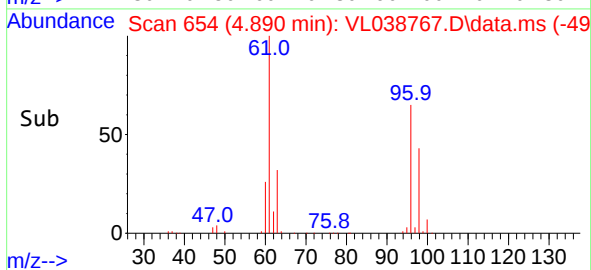
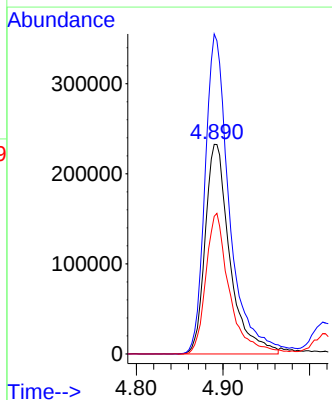
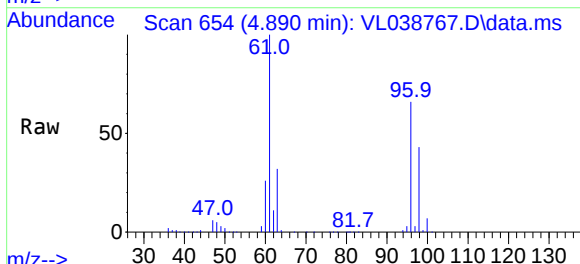
Manual Integrations
APPROVED

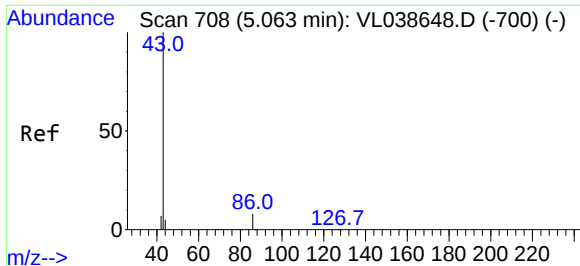
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#22
trans-1,2-Dichloroethene
Concen: 11.906 ppbv
RT: 4.890 min Scan# 654
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Tgt Ion: 96 Resp: 461783
Ion Ratio Lower Upper
96 100
61 152.6 118.3 177.5
98 65.7 51.3 76.9





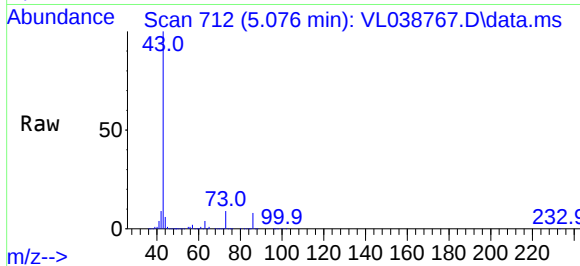
#23
 Vinyl Acetate
 Concen: 12.541 ppbv
 RT: 5.076 min Scan# 712
 Delta R.T. 0.013 min
 Lab File: VL038767.D
 Acq: 28 Mar 2022 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

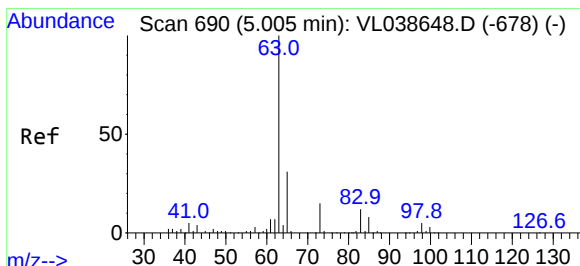
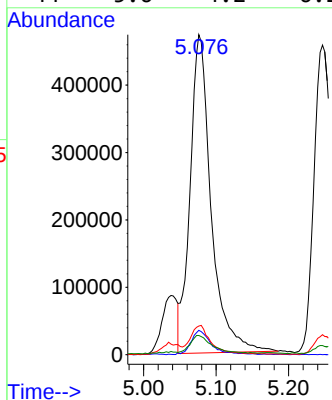
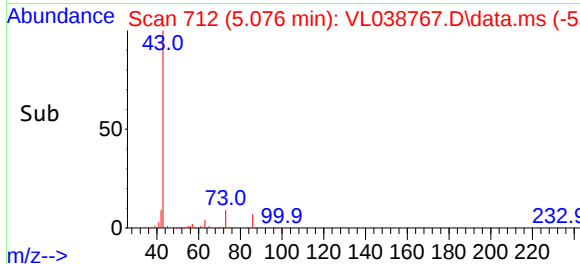


Tgt Ion: 43 Resp: 954942
 Ion Ratio Lower Upper
 43 100
 86 7.6 5.6 8.4
 42 8.9 6.8 10.2
 44 5.6 4.2 6.2

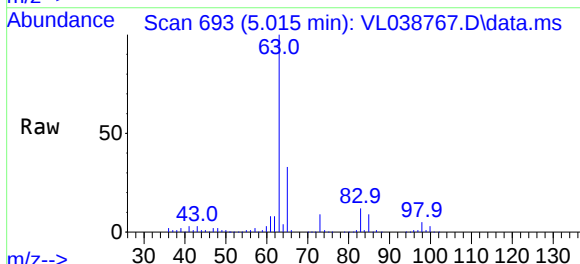
Manual Integrations

APPROVED

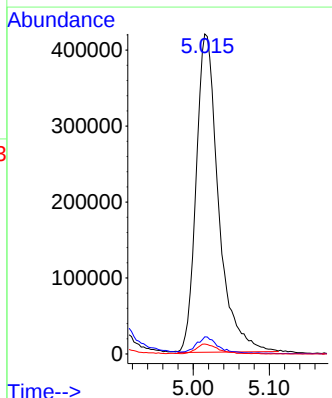
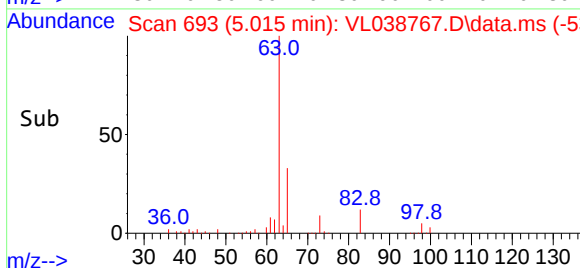
Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

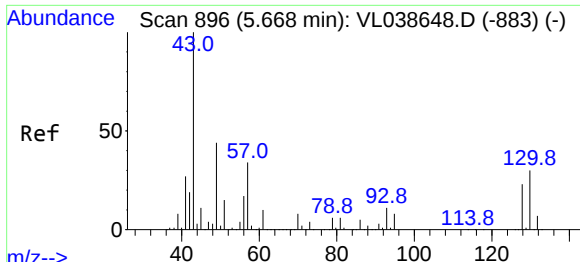


#24
 1,1-Dichloroethane
 Concen: 11.371 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. 0.010 min
 Lab File: VL038767.D
 Acq: 28 Mar 2022 9:25



Tgt Ion: 63 Resp: 852776
 Ion Ratio Lower Upper
 63 100
 98 5.3 2.5 7.5
 100 3.1 1.4 4.2





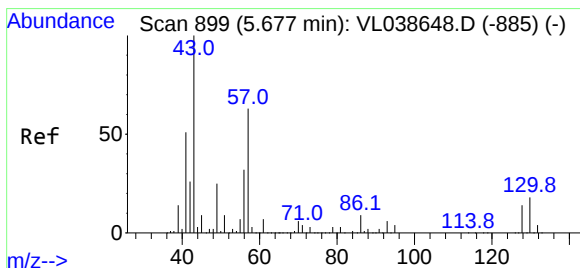
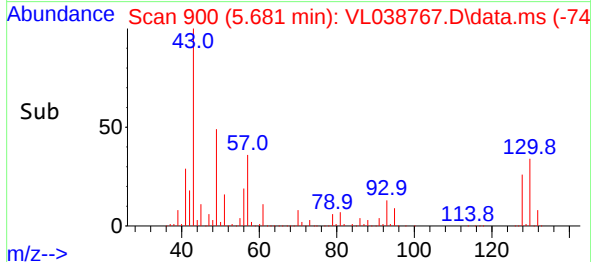
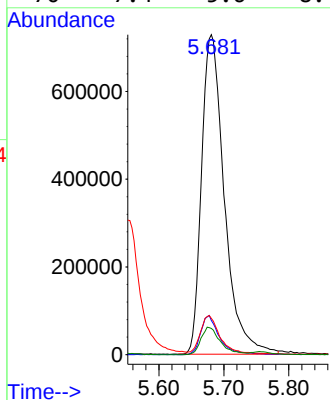
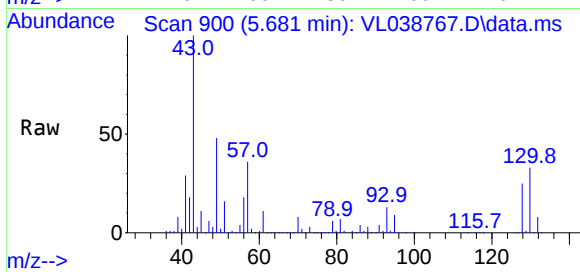
#25
Ethyl Acetate
Concen: 8.999 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 1781399
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 11.0 8.3 12.5
70 7.4 5.6 8.4

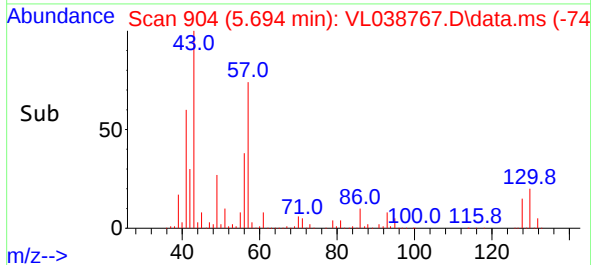
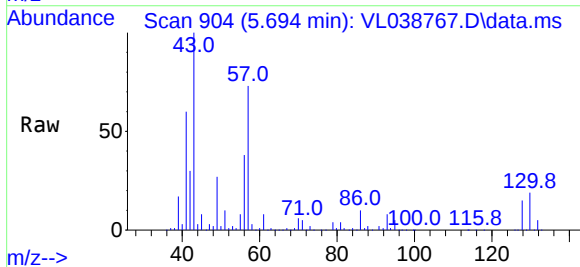
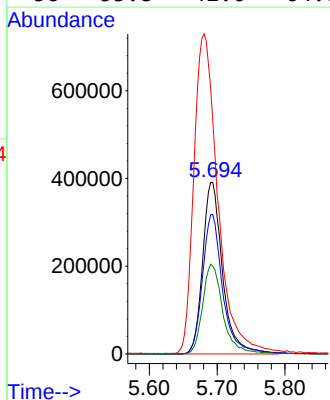
Manual Integrations
APPROVED

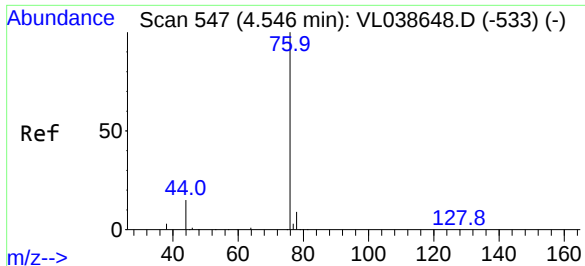
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#26
Hexane
Concen: 8.975 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

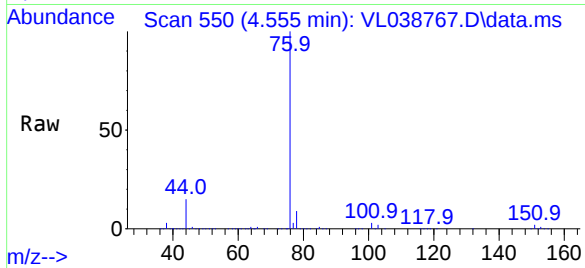
Tgt Ion: 57 Resp: 795427
Ion Ratio Lower Upper
57 100
41 83.5 67.0 100.4
43 225.7 184.2 276.2
56 53.8 42.6 64.0





#27
Carbon Disulfide
Concen: 12.865 ppbv
RT: 4.555 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

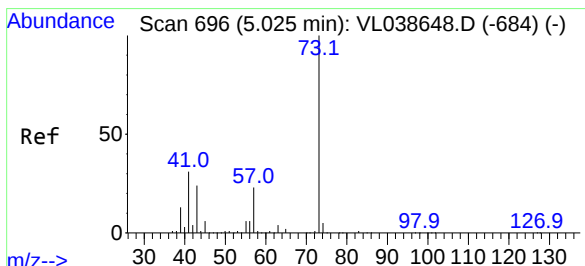
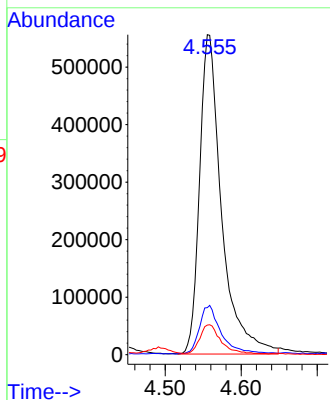
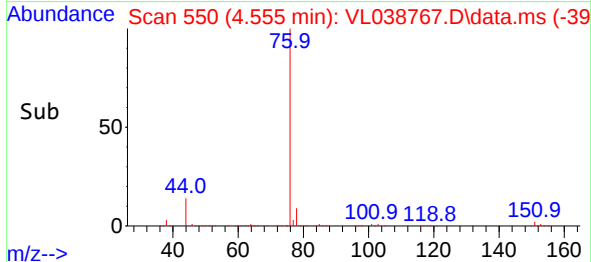
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



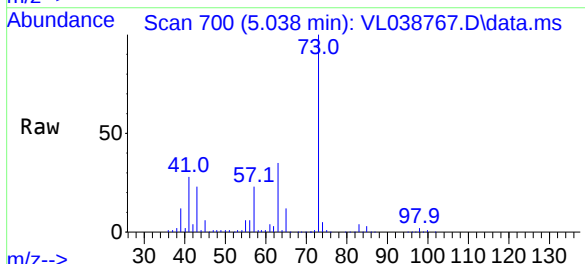
Tgt Ion: 76 Resp: 111852
Ion Ratio Lower Upper
76 100
44 15.1 12.4 18.6
78 9.7 7.8 11.8

Manual Integrations
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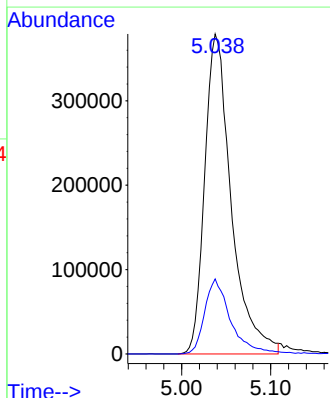
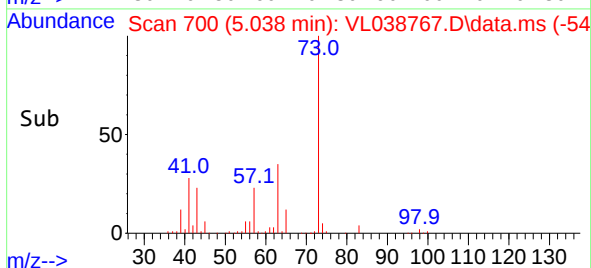
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

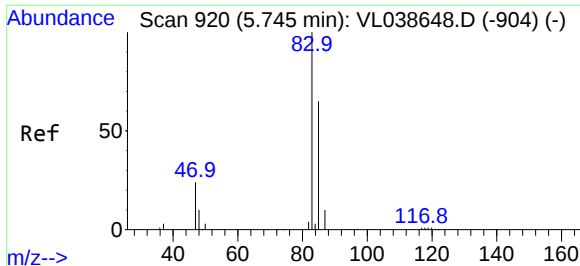


#28
Methyl tert-Butyl Ether
Concen: 11.913 ppbv
RT: 5.038 min Scan# 700
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



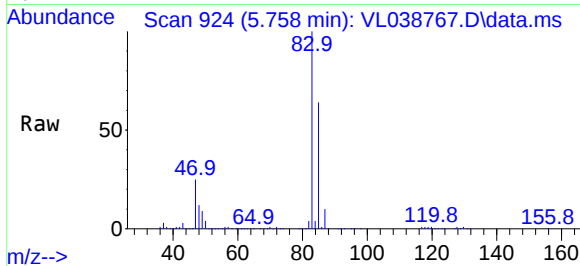
Tgt Ion: 73 Resp: 786494
Ion Ratio Lower Upper
73 100
57 23.2 19.2 28.8





#29
Chloroform
Concen: 9.442 ppbv
RT: 5.758 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

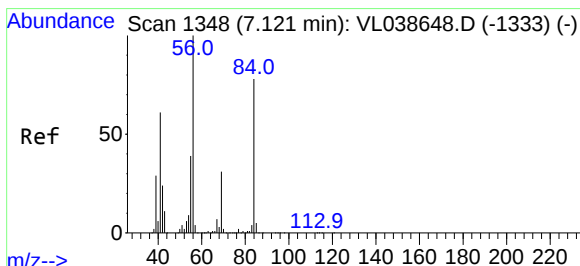
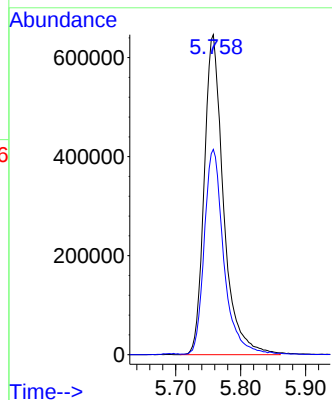
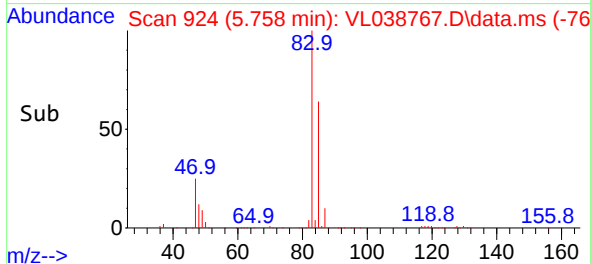
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



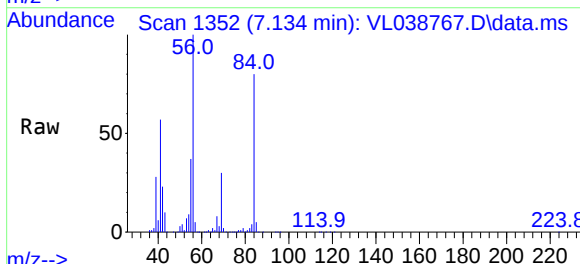
Tgt Ion: 83 Resp: 1339924
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5

Manual Integrations
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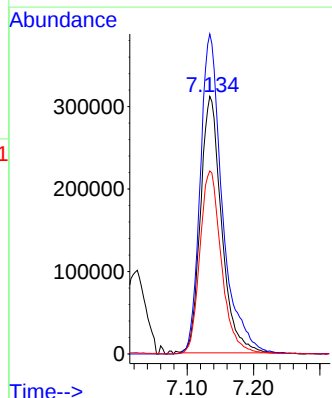
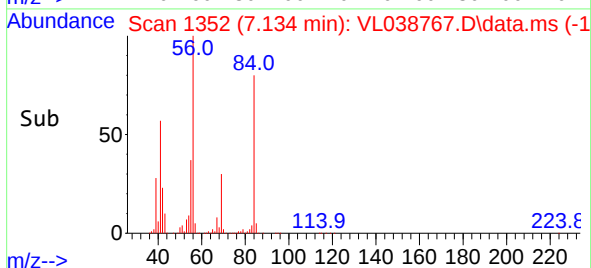
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

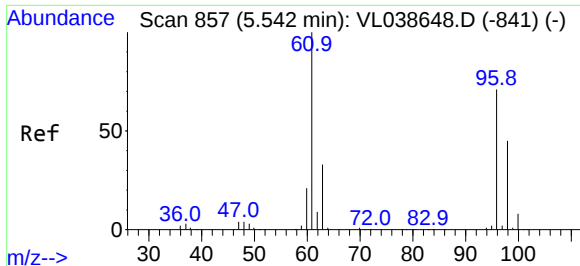


#30
Cyclohexane
Concen: 8.913 ppbv
RT: 7.134 min Scan# 1352
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



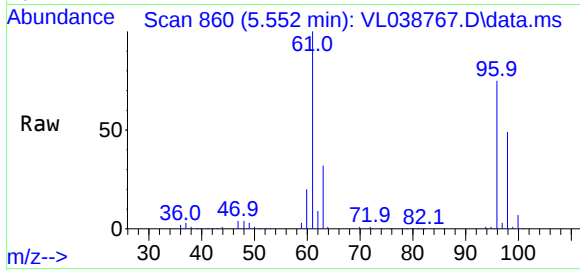
Tgt Ion: 84 Resp: 686809
Ion Ratio Lower Upper
84 100
56 131.5 108.2 162.4
41 73.2 61.8 92.6





#31
cis-1,2-Dichloroethene
Concen: 7.821 ppbv
RT: 5.552 min Scan# 80
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

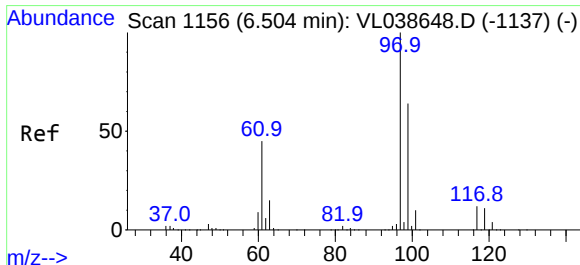
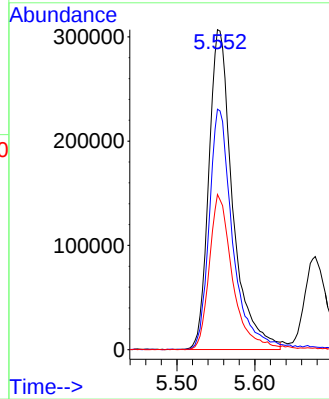
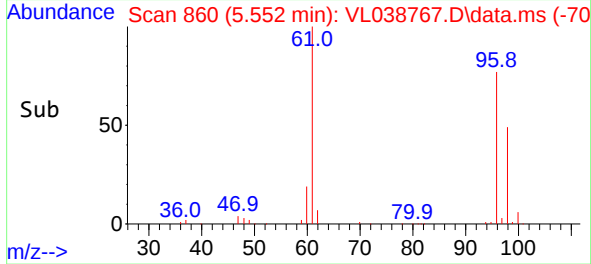
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



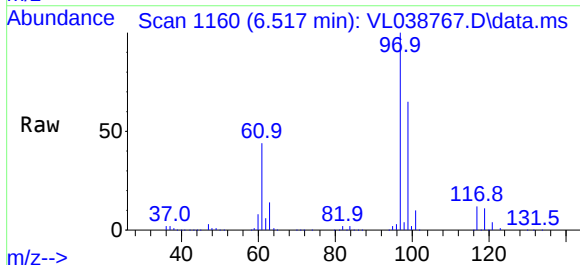
Tgt Ion: 61 Resp: 651770
Ion Ratio Lower Upper
61 100
96 75.1 56.6 84.8
98 48.5 36.3 54.5

Manual Integrations
APPROVED

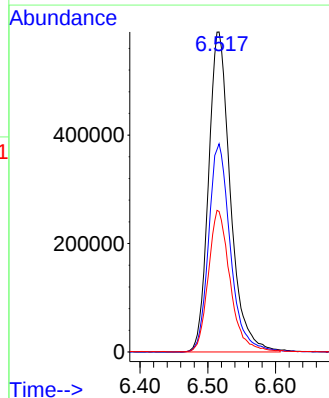
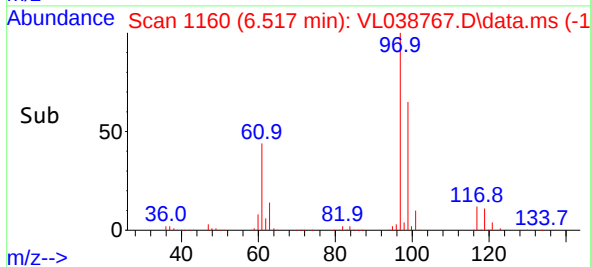
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

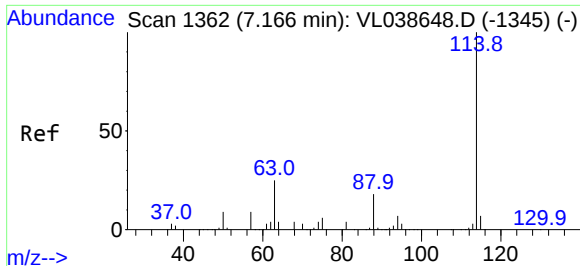


#32
1,1,1-Trichloroethane
Concen: 9.640 ppbv
RT: 6.517 min Scan# 1160
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



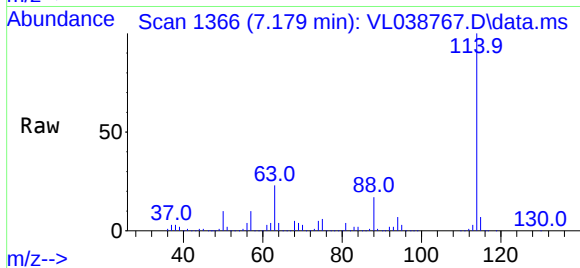
Tgt Ion: 97 Resp: 1320058
Ion Ratio Lower Upper
97 100
99 65.1 51.8 77.8
61 44.8 36.7 55.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 1114
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

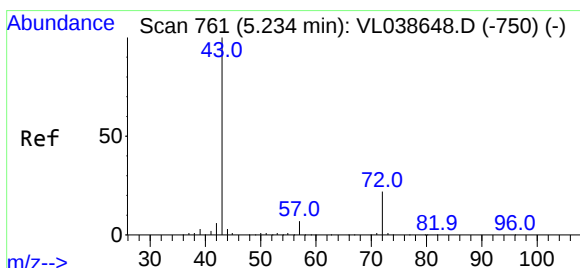
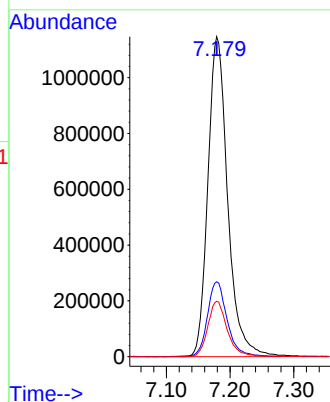
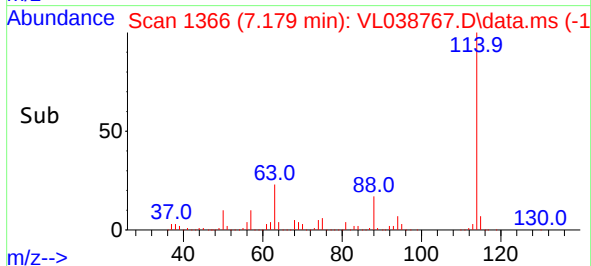
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



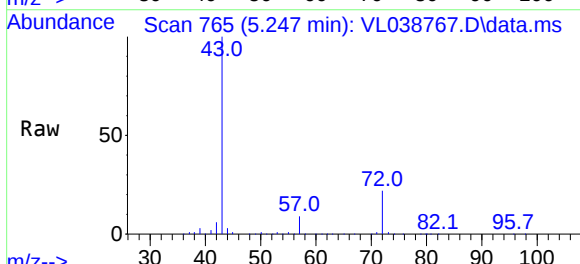
Tgt Ion:114 Resp: 2473776
Ion Ratio Lower Upper
114 100
63 23.6 19.4 29.0
88 17.1 13.9 20.9

Manual Integrations
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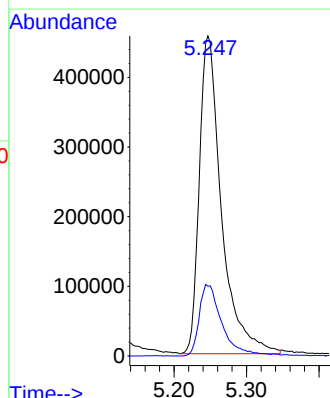
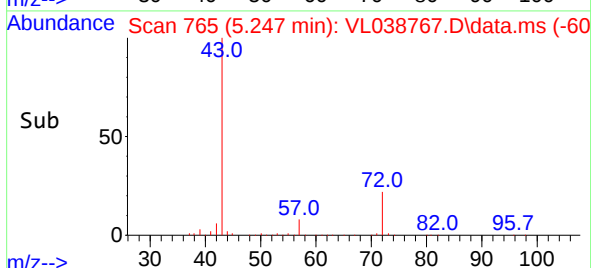
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

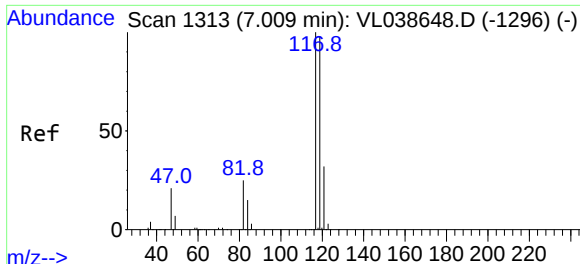


#34
2-Butanone
Concen: 9.887 ppbv
RT: 5.247 min Scan# 765
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



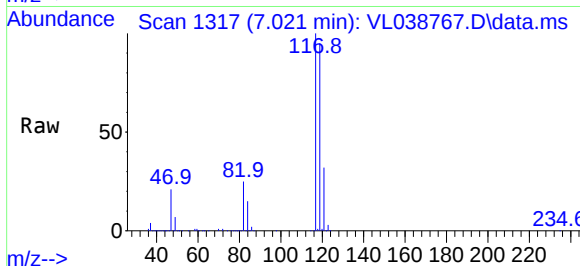
Tgt Ion: 43 Resp: 968055
Ion Ratio Lower Upper
43 100
72 23.5 17.8 26.8





#35
Carbon Tetrachloride
Concen: 9.765 ppbv
RT: 7.021 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

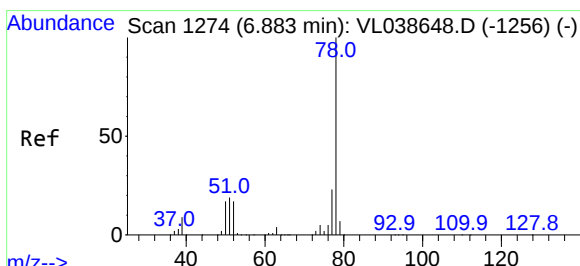
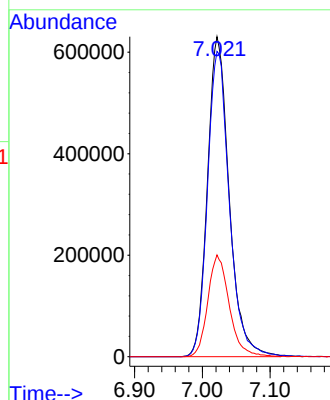
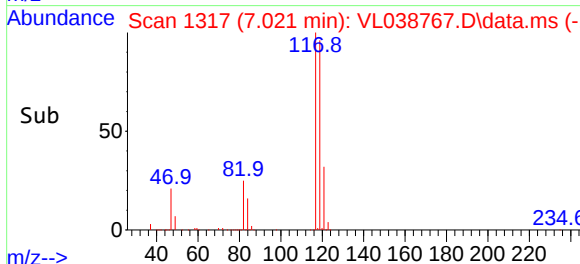
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



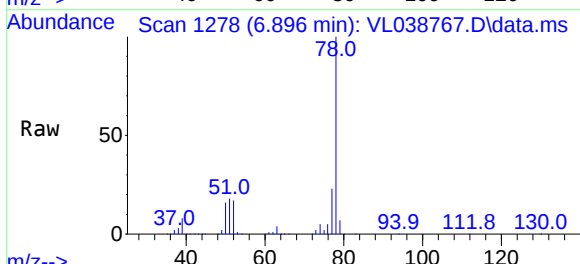
Tgt Ion: 117 Resp: 1401594
Ion Ratio Lower Upper
117 100
119 95.4 78.1 117.1
121 31.8 25.8 38.6

Manual Integrations
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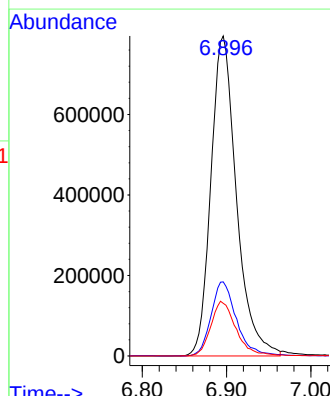
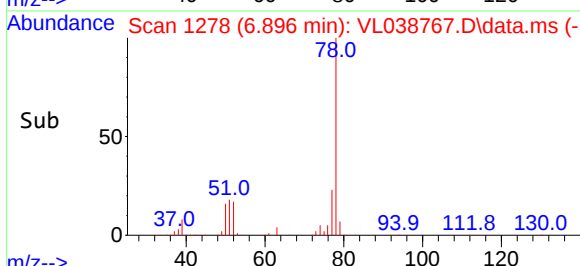
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

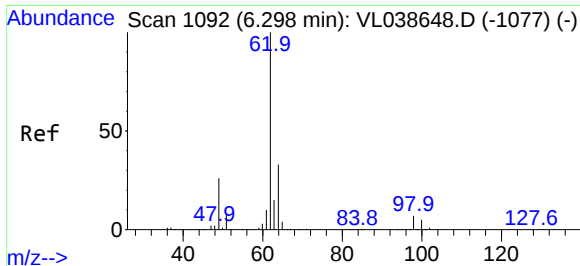


#36
Benzene
Concen: 8.771 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion: 78 Resp: 1674543
Ion Ratio Lower Upper
78 100
77 23.1 18.1 27.1
50 16.5 13.6 20.4





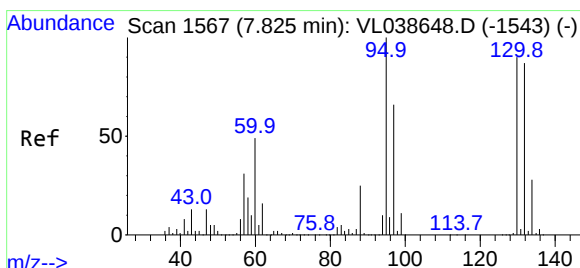
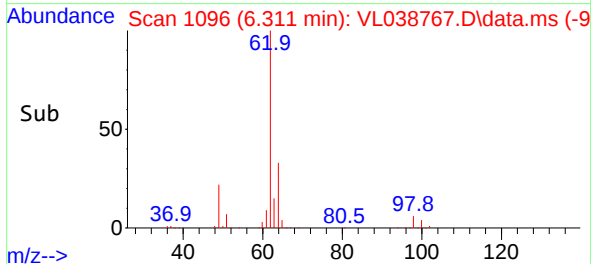
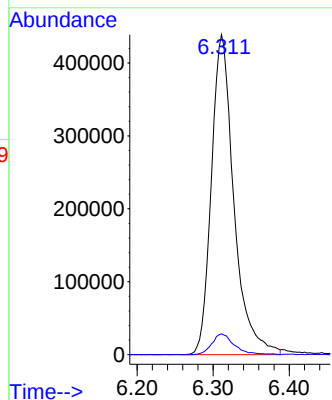
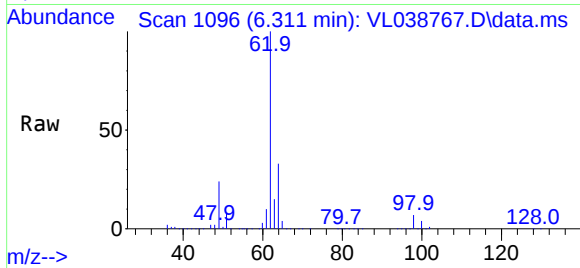
#37
1,2-Dichloroethane
Concen: 9.292 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 90240
Ion Ratio Lower Upper
62 100
98 6.6 5.6 8.4

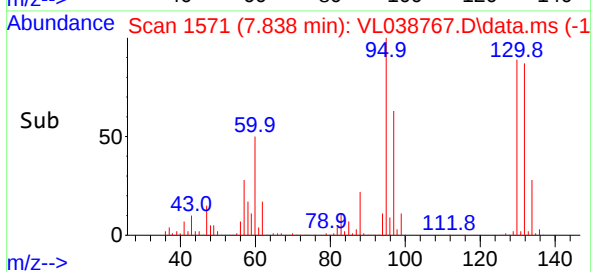
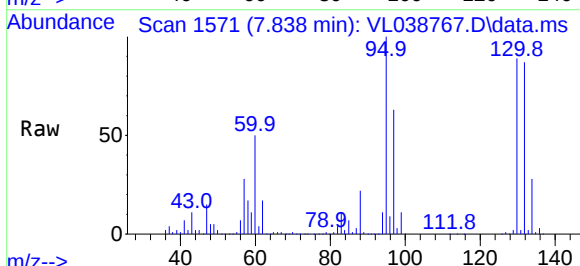
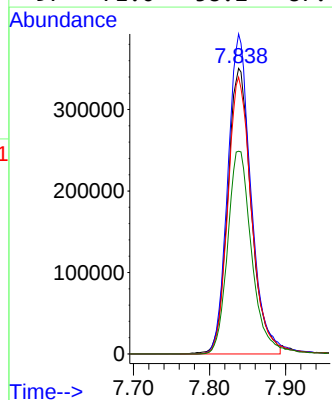
Manual Integrations
APPROVED

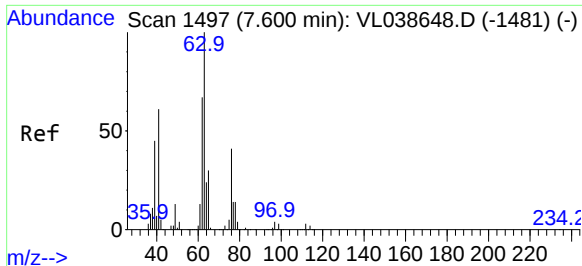
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#38
Trichloroethene
Concen: 9.461 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

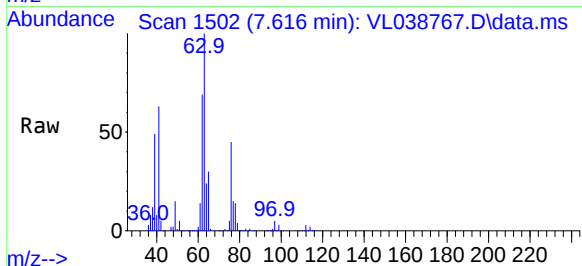
Tgt Ion:130 Resp: 756690
Ion Ratio Lower Upper
130 100
95 112.0 88.9 133.3
132 96.9 77.4 116.0
97 71.0 58.2 87.4





#39
1,2-Dichloropropane
Concen: 8.562 ppbv
RT: 7.616 min Scan# 11
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

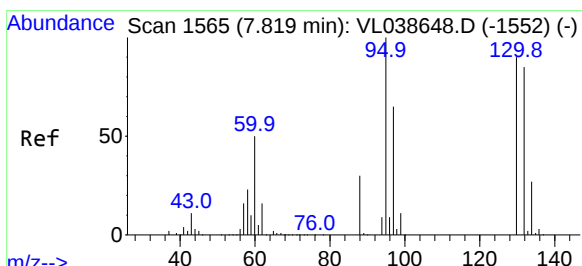
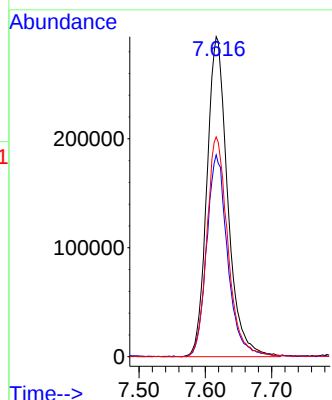
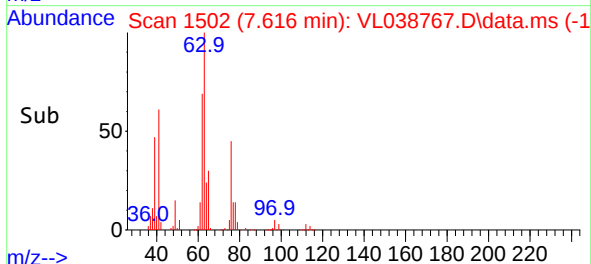
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



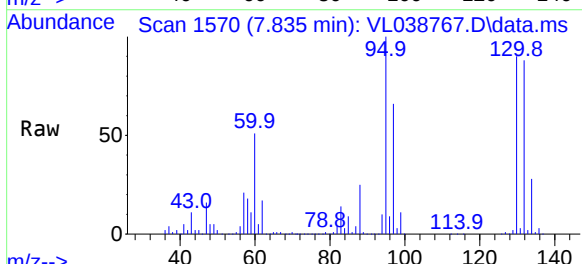
Tgt Ion: 63 Resp: 63903
Ion Ratio Lower Upper
63 100
41 63.0 49.0 73.6
62 68.6 53.9 80.9

Manual Integrations
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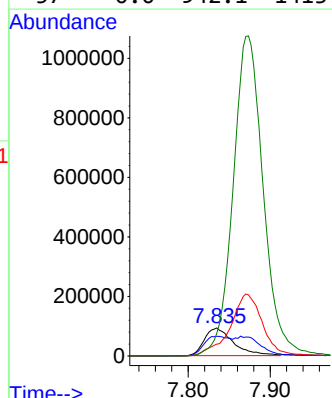
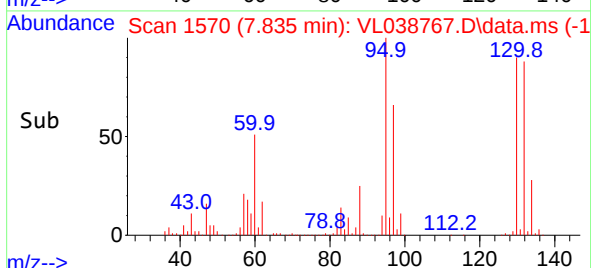
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

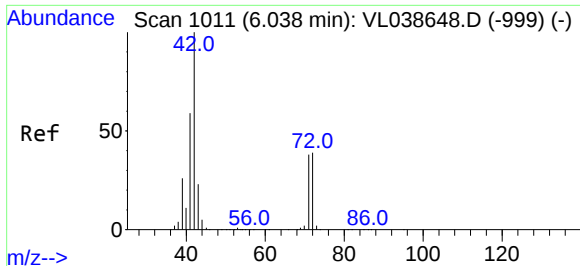


#40
1,4-Dioxane
Concen: 8.840 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



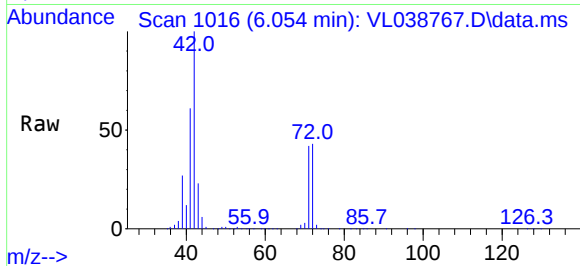
Tgt Ion: 88 Resp: 229140
Ion Ratio Lower Upper
88 100
58 65.0 105.6 158.4#
43 0.0 201.9 302.9#
57 0.0 942.1 1413.1#





#41
Tetrahydrofuran
Concen: 8.142 ppbv
RT: 6.054 min Scan# 1011
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

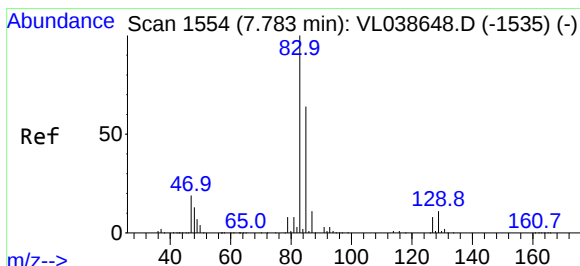
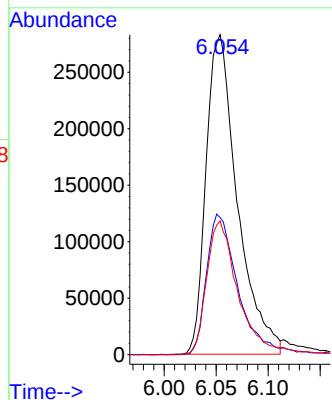
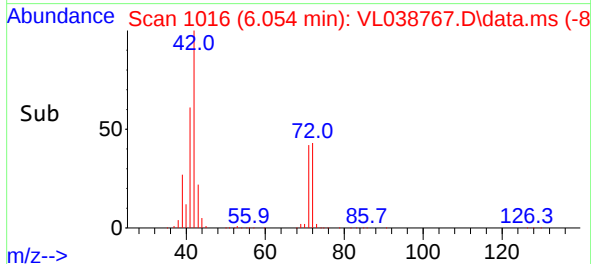
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



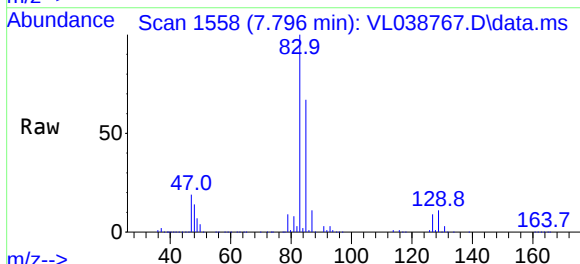
Tgt Ion: 42 Resp: 593349
Ion Ratio Lower Upper
42 100
72 45.1 32.5 48.7
71 42.8 31.4 47.2

Manual Integrations
APPROVED

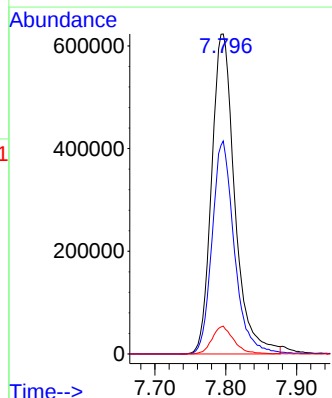
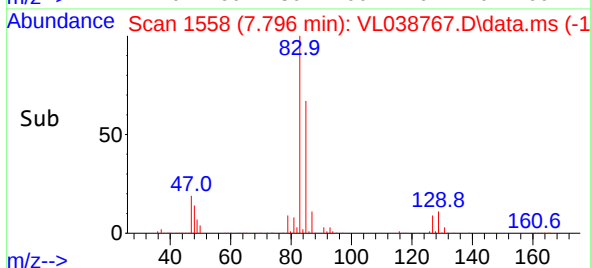
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

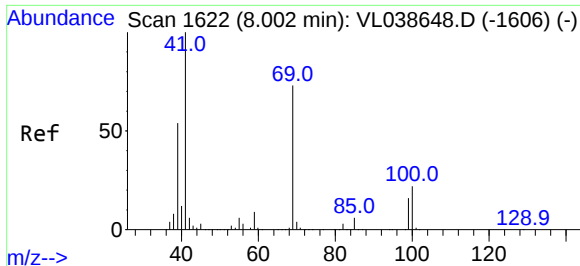


#42
Bromodichloromethane
Concen: 9.700 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion: 83 Resp: 1412409
Ion Ratio Lower Upper
83 100
85 66.6 51.1 76.7
127 8.7 6.5 9.7





#43
Methyl Methacrylate
Concen: 9.652 ppbv
RT: 8.015 min Scan# 1622
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :

MSVOA_L

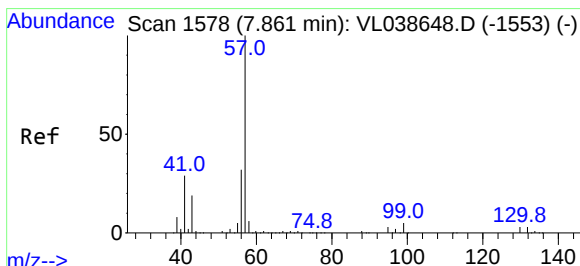
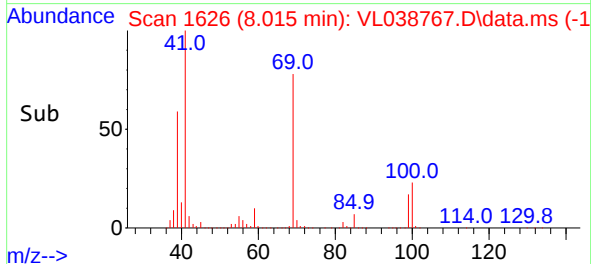
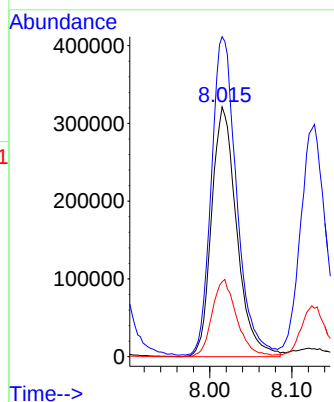
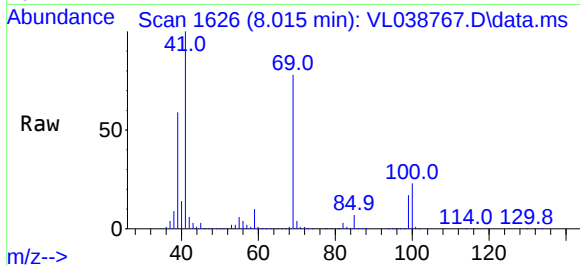
ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 684184
Ion Ratio Lower Upper
69 100
41 128.7 110.3 165.5
100 30.3 24.8 37.2

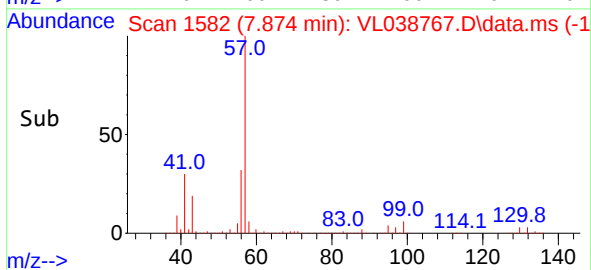
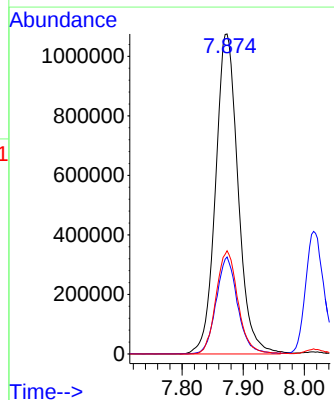
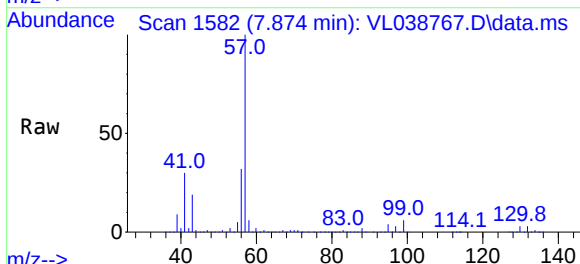
Manual Integrations
APPROVED

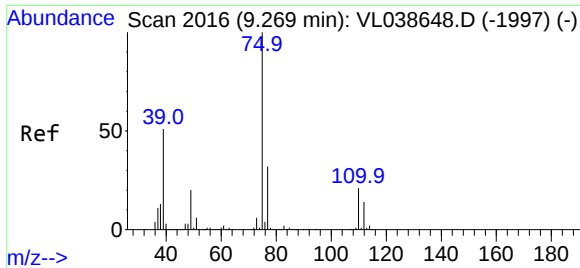
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#44
2,2,4-Trimethylpentane
Concen: 8.583 ppbv
RT: 7.874 min Scan# 1582
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

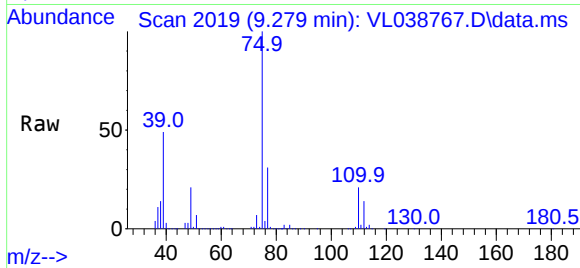
Tgt Ion: 57 Resp: 2751252
Ion Ratio Lower Upper
57 100
41 28.8 23.0 34.4
56 31.3 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.880 ppbv
RT: 9.279 min Scan# 2016
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

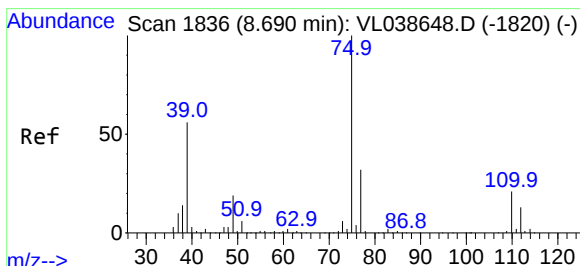
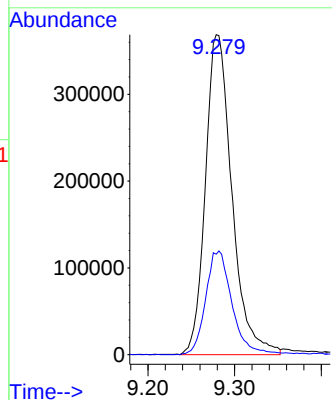
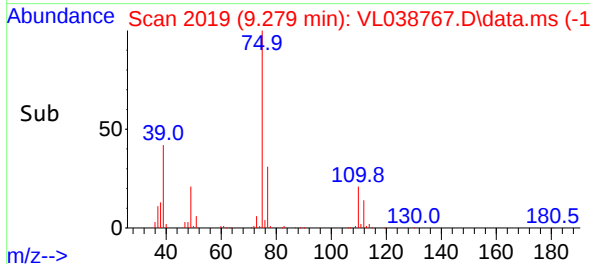
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



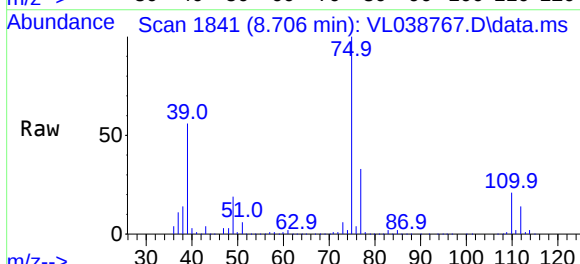
Tgt Ion: 75 Resp: 784159
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

Manual Integrations
APPROVED

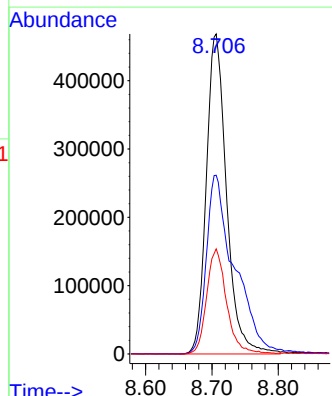
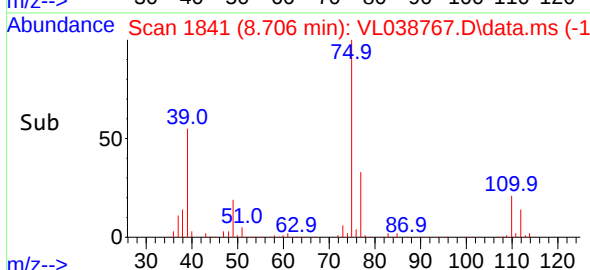
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

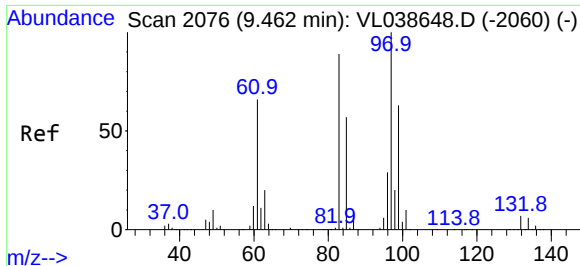


#46
cis-1,3-Dichloropropene
Concen: 10.173 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



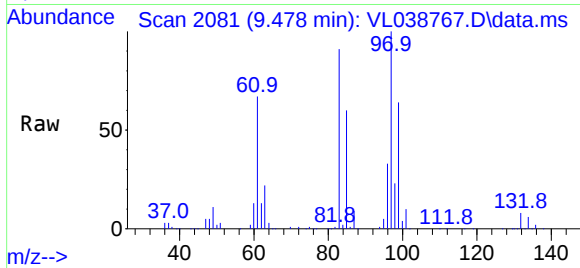
Tgt Ion: 75 Resp: 991436
Ion Ratio Lower Upper
75 100
39 55.8 44.8 67.2
77 32.8 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 8.710 ppbv
RT: 9.478 min Scan# 2076
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

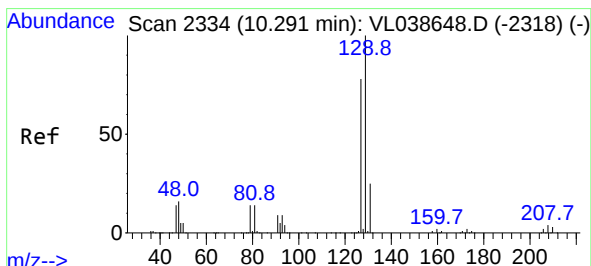
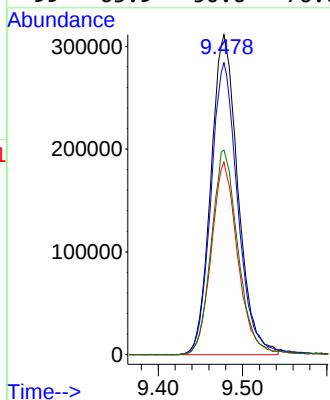
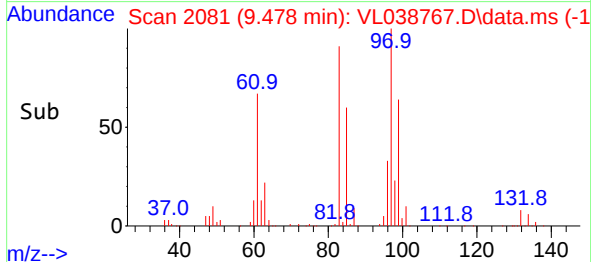
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



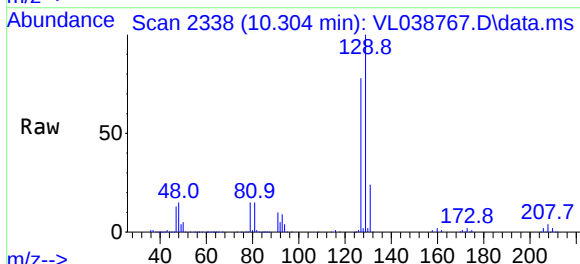
Tgt Ion: 97 Resp: 694078
Ion Ratio Lower Upper
97 100
83 91.2 71.2 106.8
85 60.1 45.3 67.9
99 63.9 50.6 76.0

Manual Integrations
APPROVED

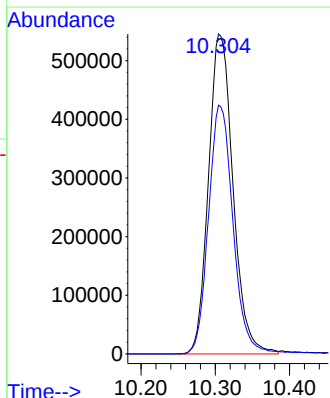
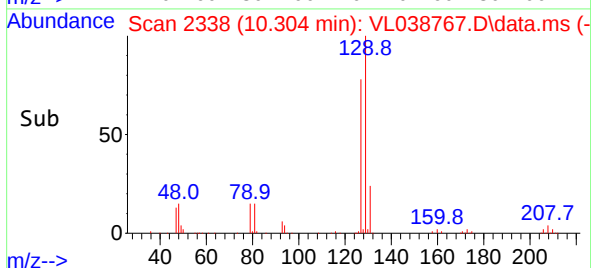
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

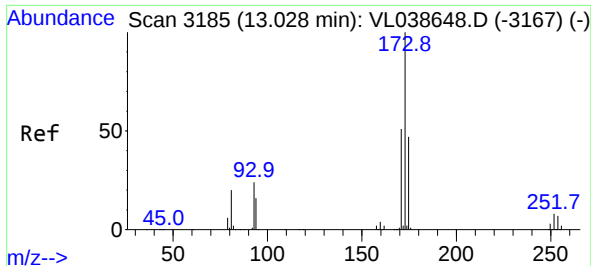


#48
Dibromochloromethane
Concen: 10.021 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion:129 Resp: 1250854
Ion Ratio Lower Upper
129 100
127 78.4 39.5 118.5





#49

Bromoform

Concen: 10.020 ppbv

RT: 13.044 min Scan# 3185

Delta R.T. 0.016 min

Lab File: VL038767.D

Acq: 28 Mar 2022 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1019320

Ion Ratio Lower Upper

173 100

175 50.3 41.0 61.6

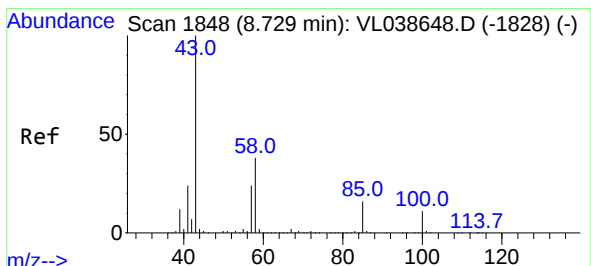
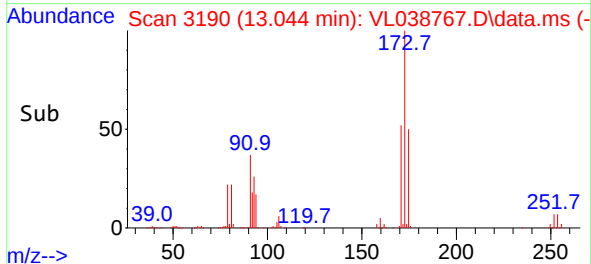
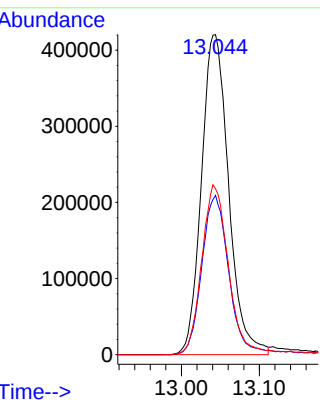
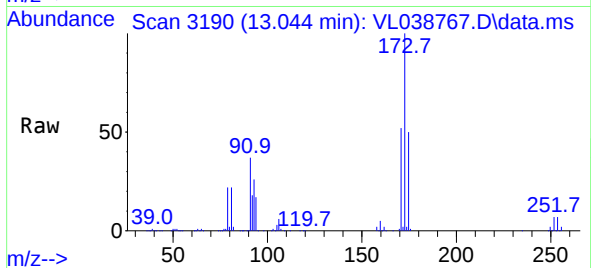
171 54.0 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#50

4-Methyl-2-Pentanone

Concen: 8.877 ppbv

RT: 8.742 min Scan# 1852

Delta R.T. 0.013 min

Lab File: VL038767.D

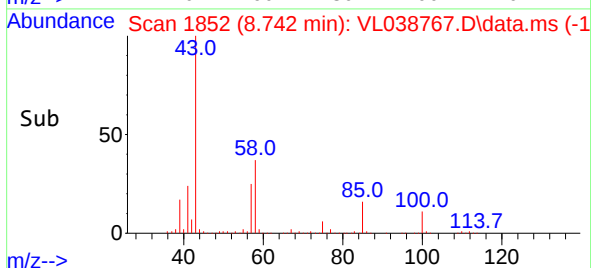
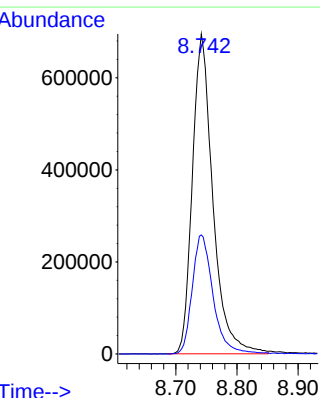
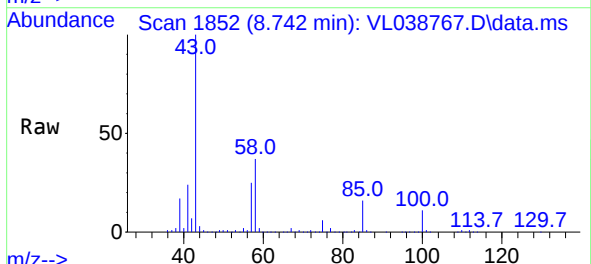
Acq: 28 Mar 2022 9:25

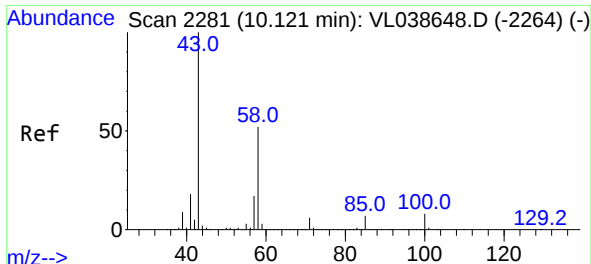
Tgt Ion: 43 Resp: 1615850

Ion Ratio Lower Upper

43 100

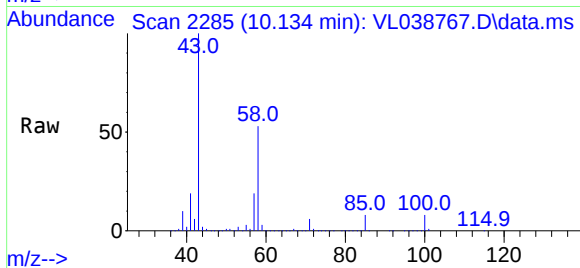
58 38.3 29.9 44.9





#51
2-Hexanone
Concen: 9.416 ppbv
RT: 10.134 min Scan# 2114
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

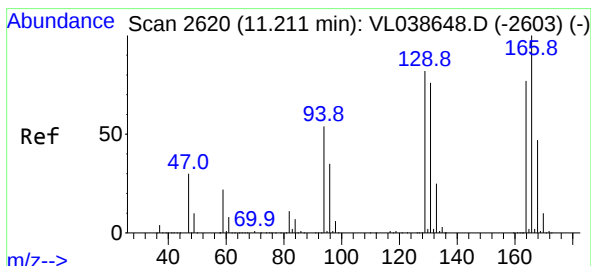
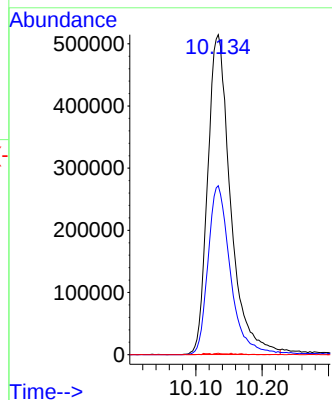
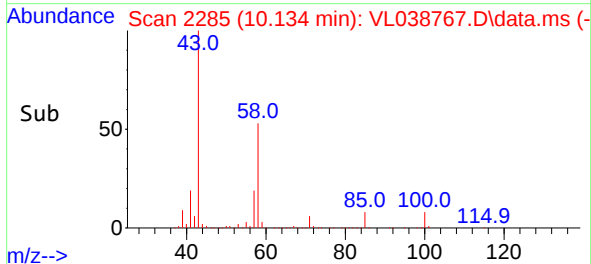
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



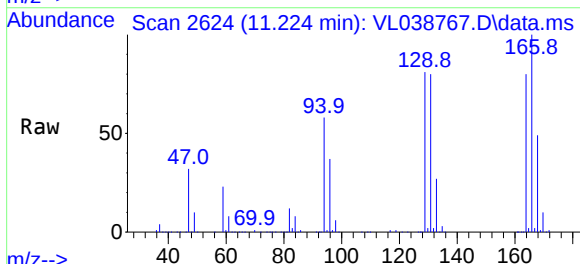
Tgt Ion: 43 Resp: 123114
Ion Ratio Lower Upper
43 100
58 52.9 41.2 61.8
98 0.5 0.2 0.4

Manual Integrations
APPROVED

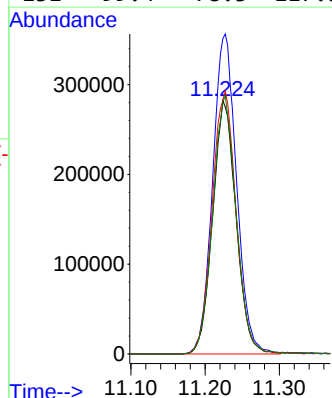
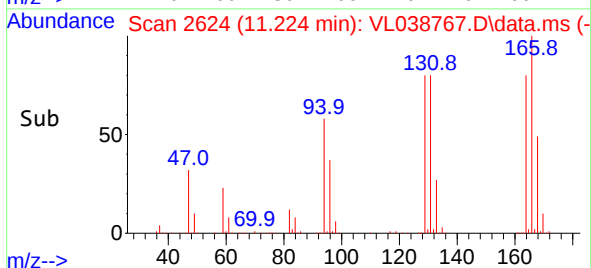
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

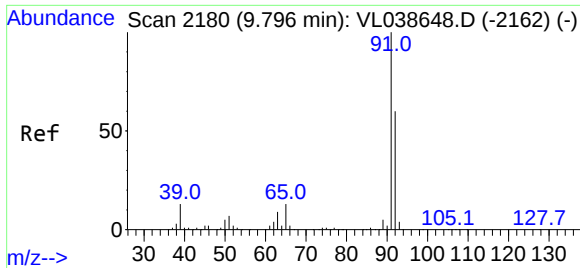


#52
Tetrachloroethene
Concen: 8.847 ppbv
RT: 11.224 min Scan# 2624
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion:164 Resp: 618143
Ion Ratio Lower Upper
164 100
166 124.6 103.3 154.9
129 100.4 85.2 127.8
131 99.4 78.3 117.5





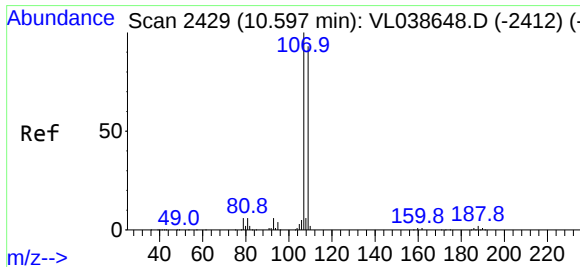
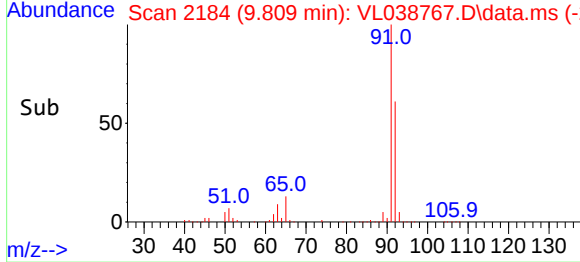
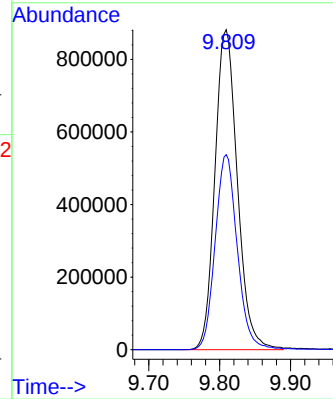
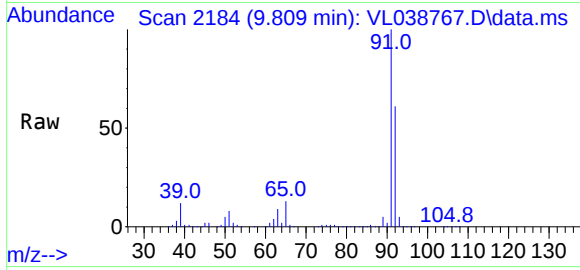
#53
Toluene
Concen: 9.458 ppbv
RT: 9.809 min Scan# 2180
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 1940280
Ion Ratio Lower Upper
91 100
92 60.3 48.7 73.1

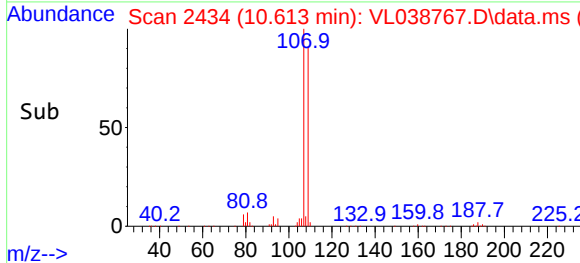
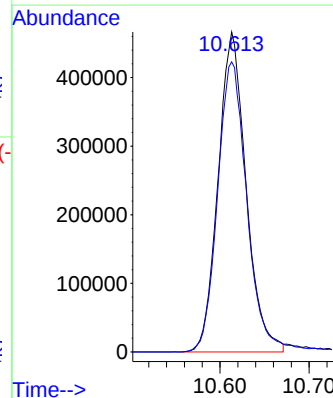
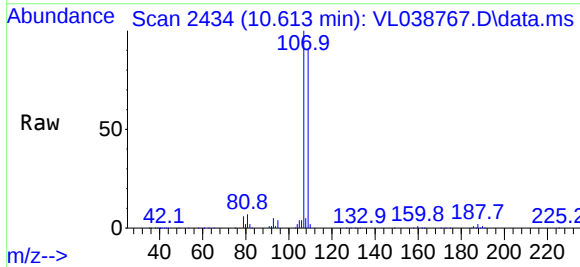
Manual Integrations
APPROVED

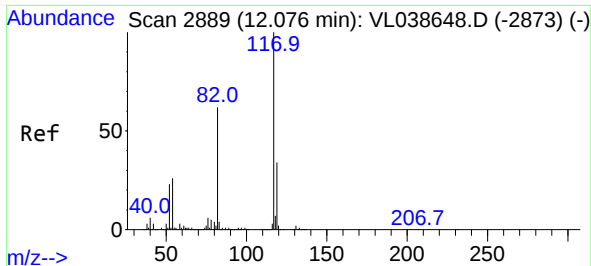
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#54
1,2-Dibromoethane
Concen: 9.332 ppbv
RT: 10.613 min Scan# 2434
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

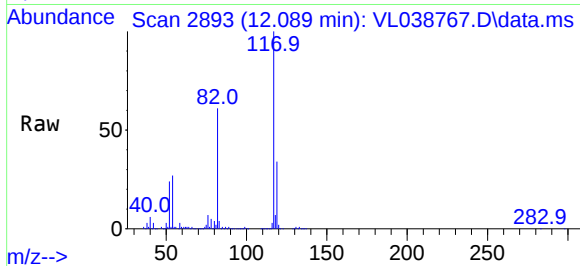
Tgt Ion:107 Resp: 1015416
Ion Ratio Lower Upper
107 100
109 90.6 74.1 111.1





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.089 min Scan# 2889
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

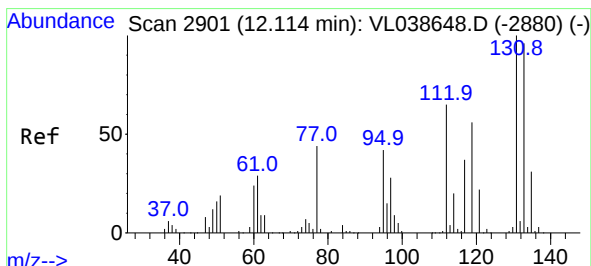
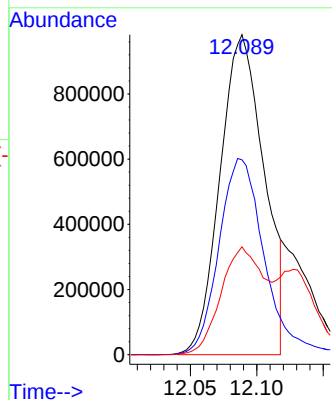
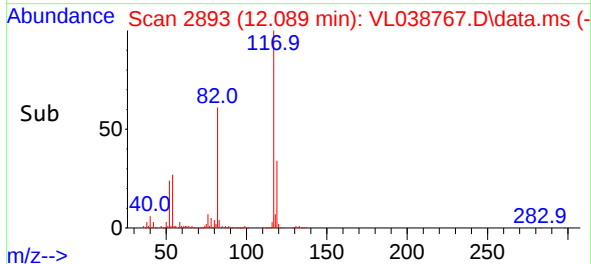
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



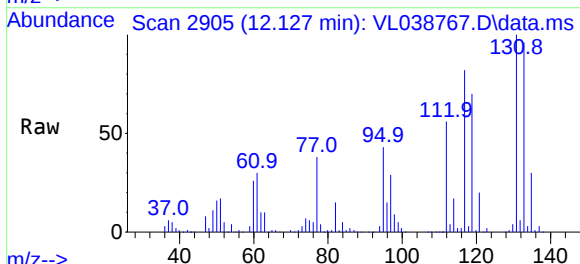
Tgt Ion:117 Resp: 226694
Ion Ratio Lower Upper
117 100
82 65.0 51.6 77.4
119 57.7 26.9 40.3

Manual Integrations
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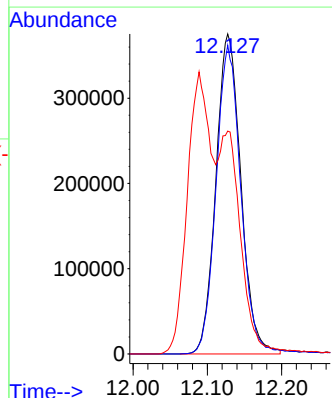
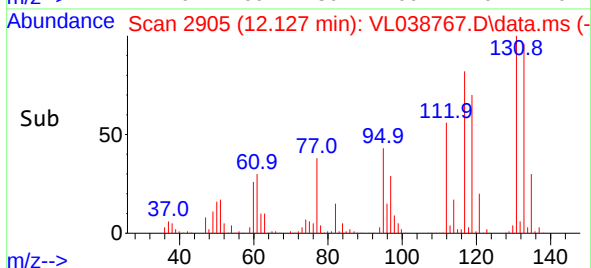
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

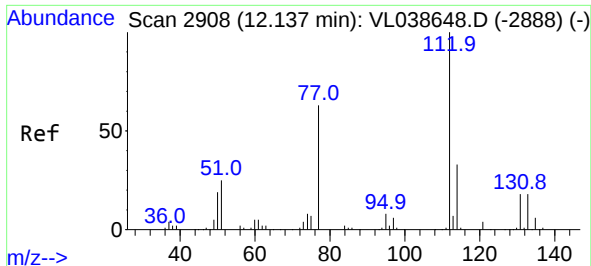


#56
1,1,1,2-Tetrachloroethane
Concen: 9.339 ppbv
RT: 12.127 min Scan# 2905
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion:131 Resp: 877752
Ion Ratio Lower Upper
131 100
133 96.9 77.3 115.9
119 148.8 53.0 79.6





#57

Chlorobenzene

Concen: 8.912 ppbv

RT: 12.150 min Scan# 2908

Delta R.T. 0.013 min

Lab File: VL038767.D

Acq: 28 Mar 2022 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 145714

Ion Ratio Lower Upper

112 100

77 62.5 51.0 76.6

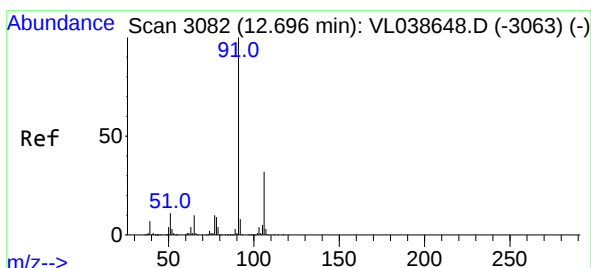
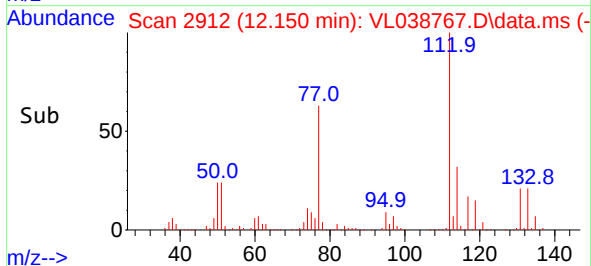
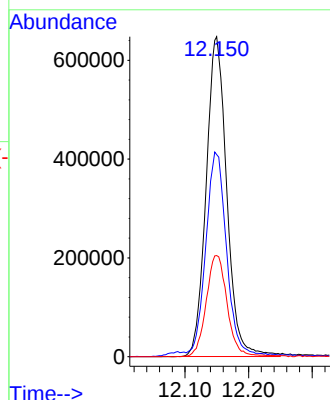
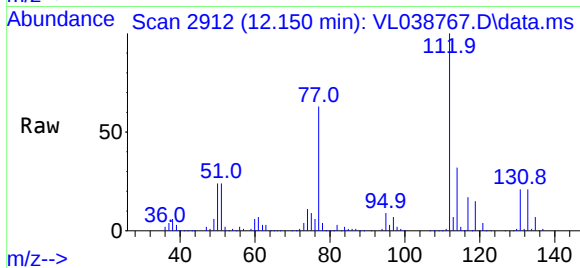
114 31.6 29.8 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#58

Ethyl Benzene

Concen: 9.390 ppbv

RT: 12.713 min Scan# 3087

Delta R.T. 0.016 min

Lab File: VL038767.D

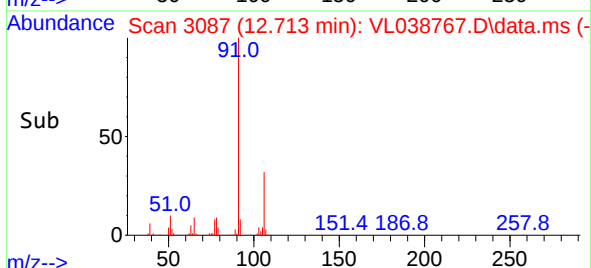
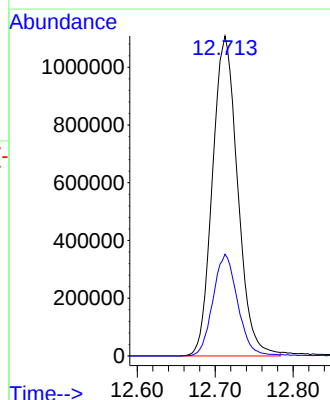
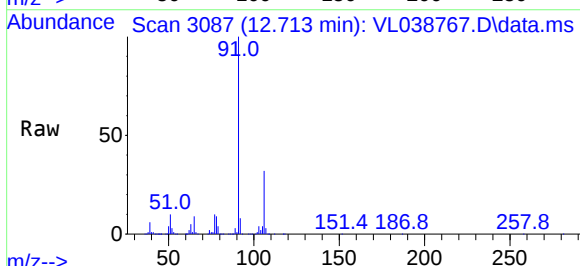
Acq: 28 Mar 2022 9:25

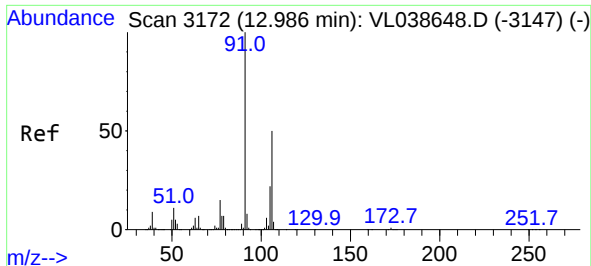
Tgt Ion: 91 Resp: 2488616

Ion Ratio Lower Upper

91 100

106 31.8 25.4 38.0





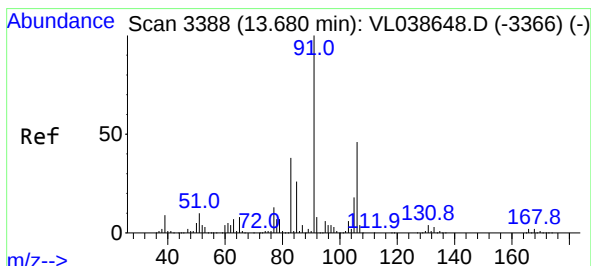
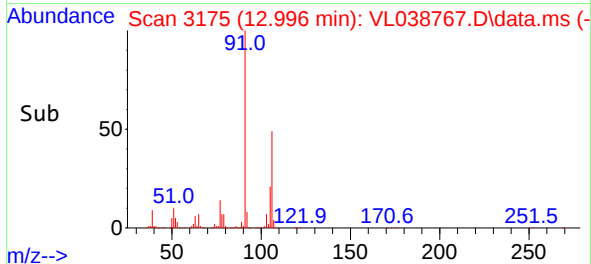
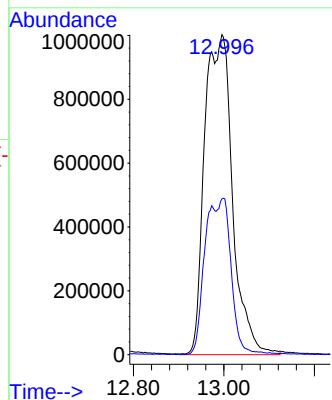
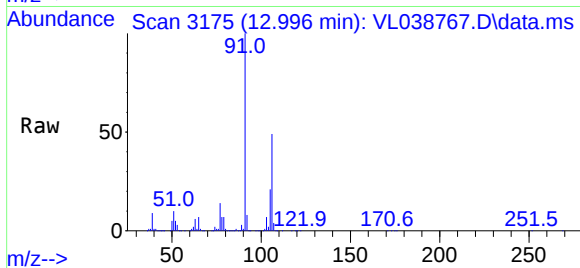
#59
m/p-Xylene
Concen: 18.511 ppbv m
RT: 12.996 min Scan# 3175
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 4291215
Ion Ratio Lower Upper
91 100
106 46.0 37.2 55.8

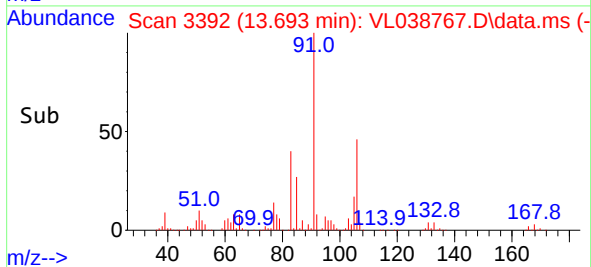
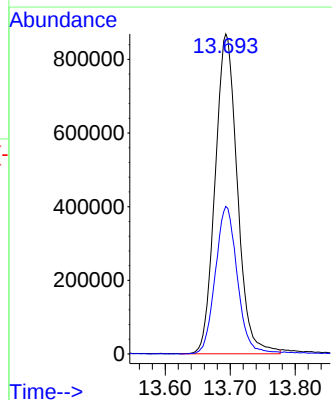
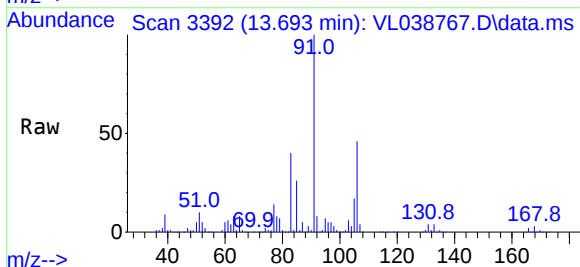
Manual Integrations
APPROVED

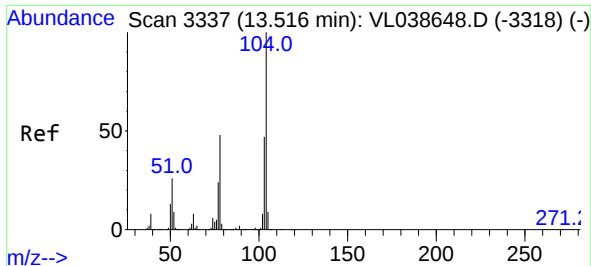
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#60
o-Xylene
Concen: 9.350 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

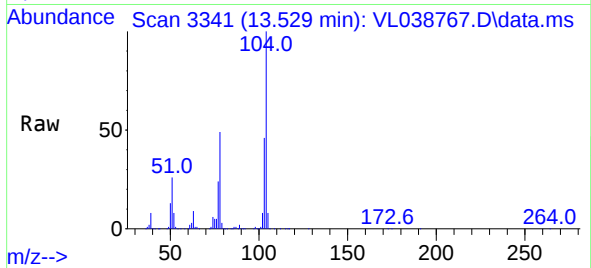
Tgt Ion: 91 Resp: 2058072
Ion Ratio Lower Upper
91 100
106 46.4 23.5 70.5





#61
Styrene
Concen: 10.079 ppbv
RT: 13.529 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

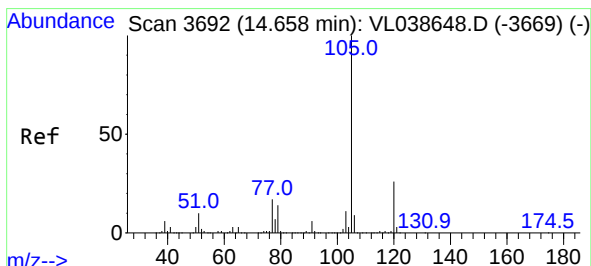
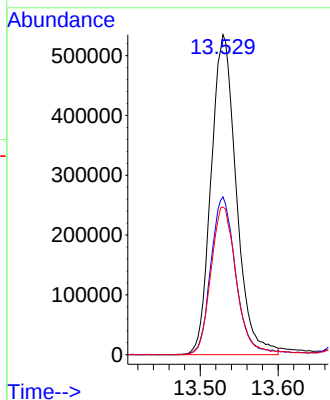
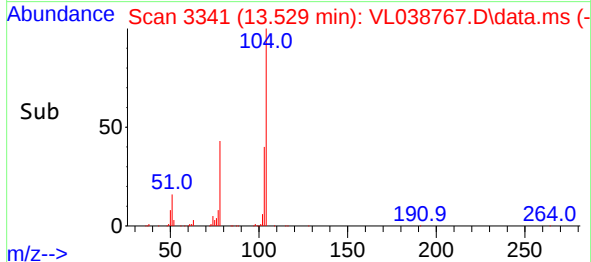
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



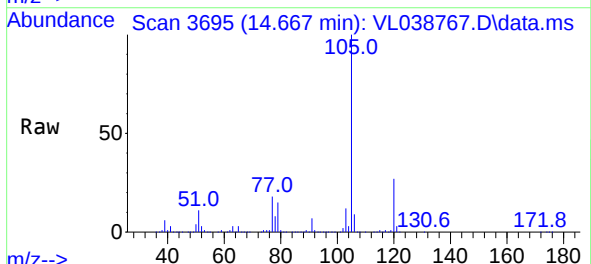
Tgt Ion:104 Resp: 1203070
Ion Ratio Lower Upper
104 100
78 49.5 39.0 58.4
103 47.5 37.8 56.8

Manual Integrations
APPROVED

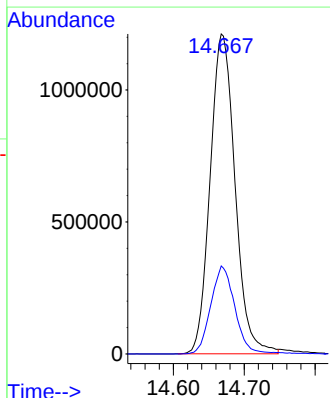
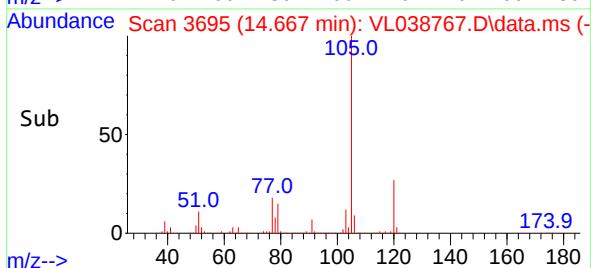
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

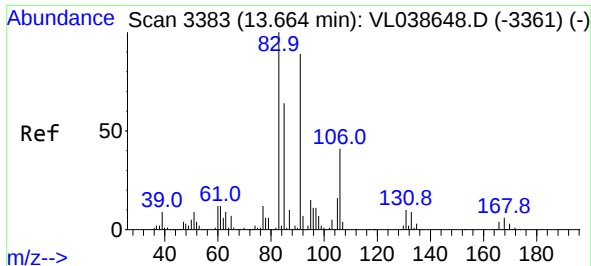


#62
Isopropylbenzene
Concen: 8.956 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



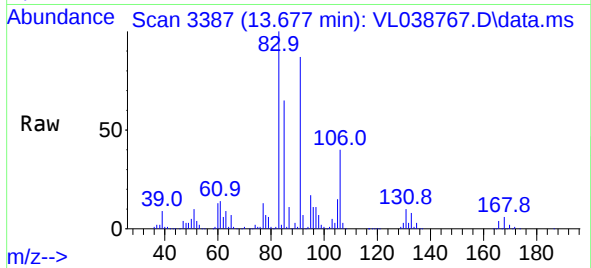
Tgt Ion:105 Resp: 2963671
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 7.904 ppbv
RT: 13.677 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

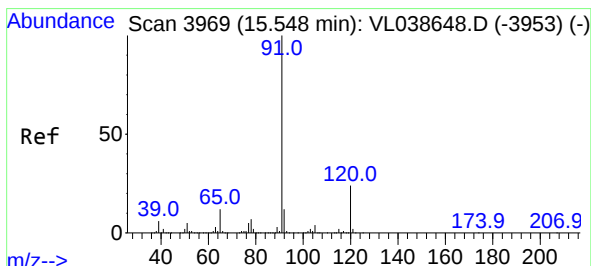
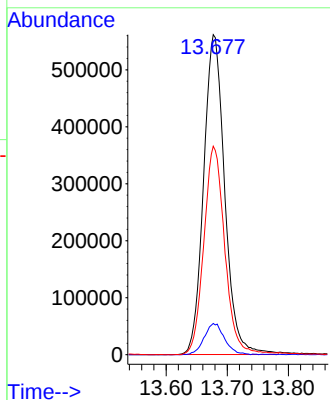
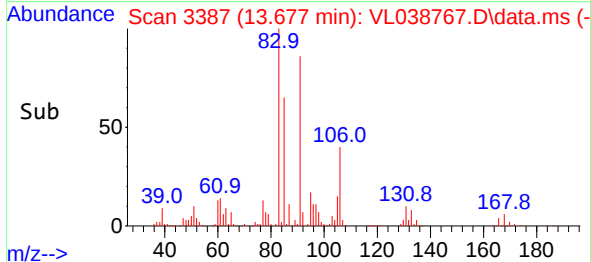
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



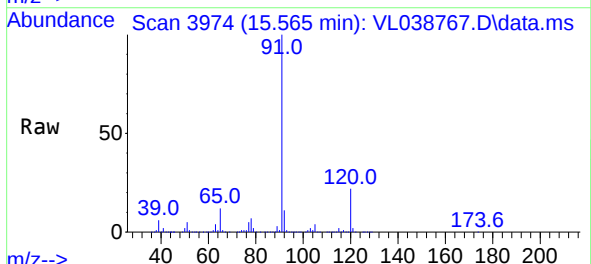
Tgt Ion: 83 Resp: 134761
Ion Ratio Lower Upper
83 100
131 9.4 4.8 14.3
85 65.4 32.6 97.8

Manual Integrations
APPROVED

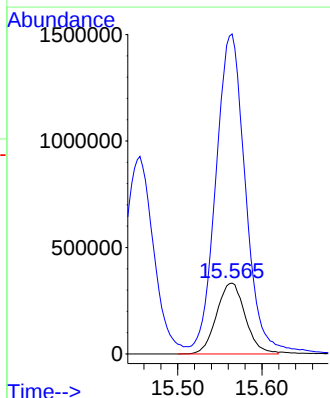
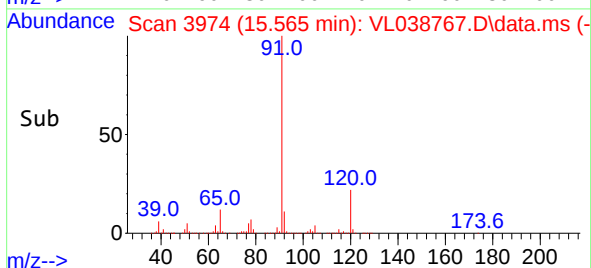
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

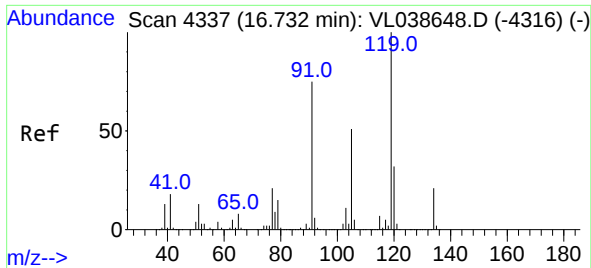


#64
n-propylbenzene
Concen: 9.063 ppbv
RT: 15.565 min Scan# 3974
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



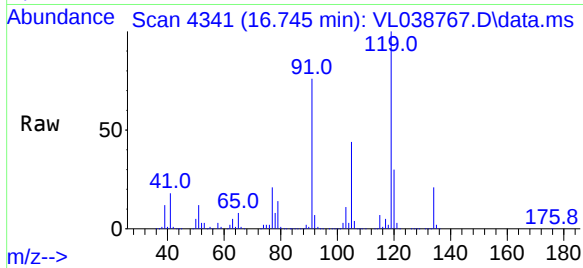
Tgt Ion:120 Resp: 786958
Ion Ratio Lower Upper
120 100
91 470.6 368.0 552.0





#65
tert-Butylbenzene
Concen: 9.014 ppbv
RT: 16.745 min Scan# 411
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

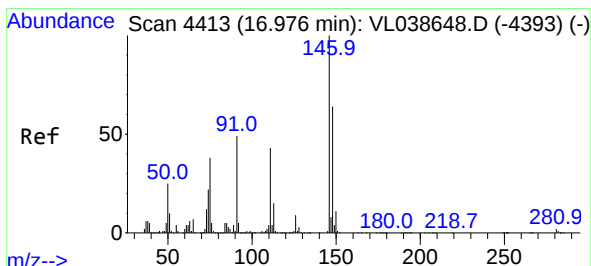
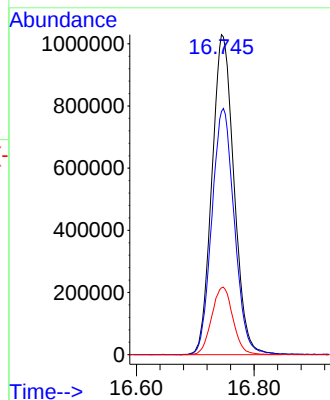
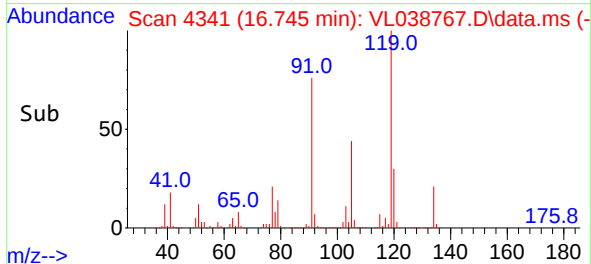
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



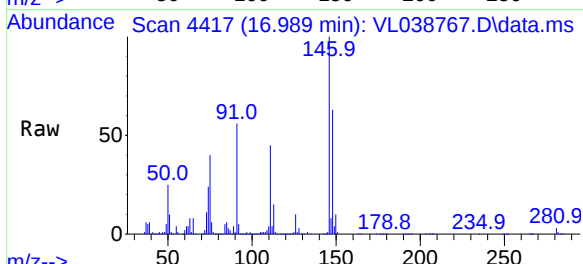
Tgt Ion: 119 Resp: 2680240
Ion Ratio Lower Upper
119 100
91 78.5 61.2 91.8
134 20.3 16.3 24.5

Manual Integrations
APPROVED

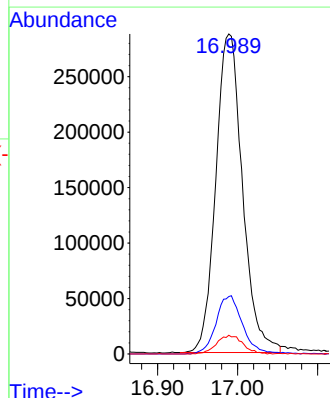
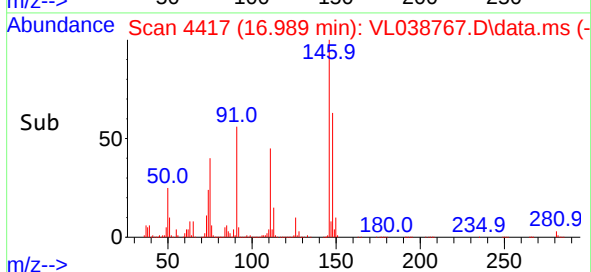
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

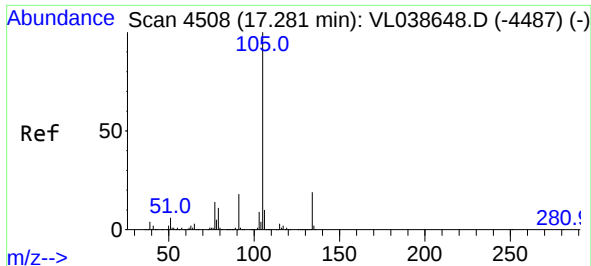


#66
Benzyl Chloride
Concen: 11.828 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion: 91 Resp: 665905
Ion Ratio Lower Upper
91 100
126 18.3 14.3 21.5
128 5.8 4.6 6.8





#67

sec-Butylbenzene

Concen: 8.942 ppbv

RT: 17.294 min Scan# 4512

Delta R.T. 0.013 min

Lab File: VL038767.D

Acq: 28 Mar 2022 9:25

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3802590

Ion Ratio Lower Upper

105 100

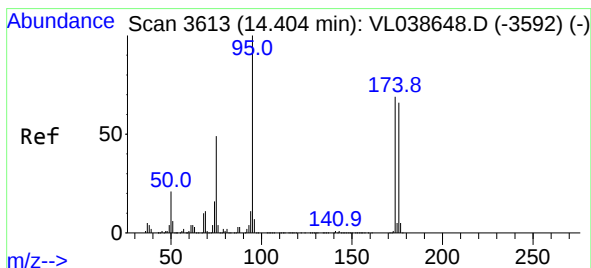
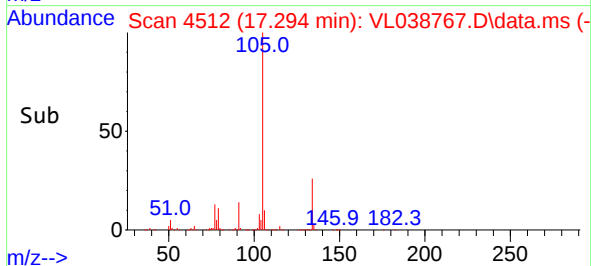
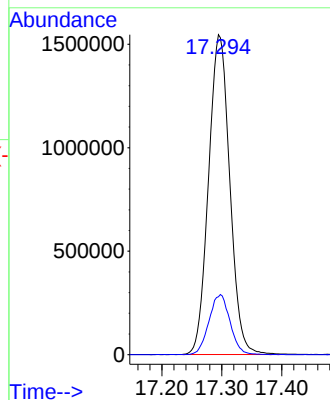
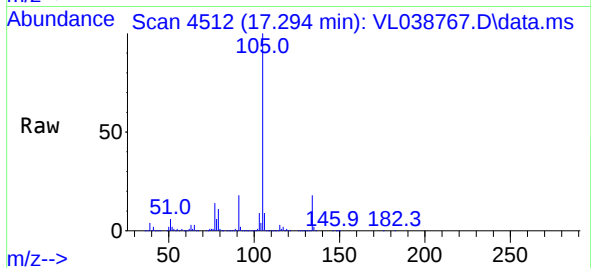
134 18.8 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022

Supervised By :Mahesh Dadoda 03/29/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.404 ppbv

RT: 14.417 min Scan# 3617

Delta R.T. 0.013 min

Lab File: VL038767.D

Acq: 28 Mar 2022 9:25

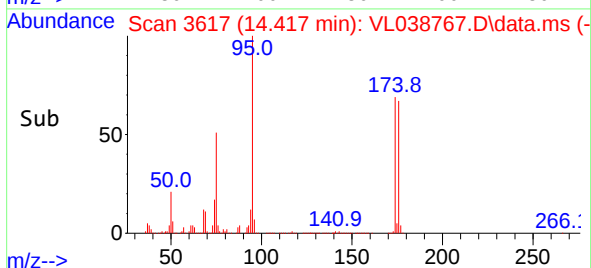
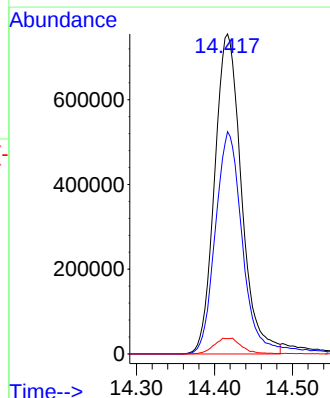
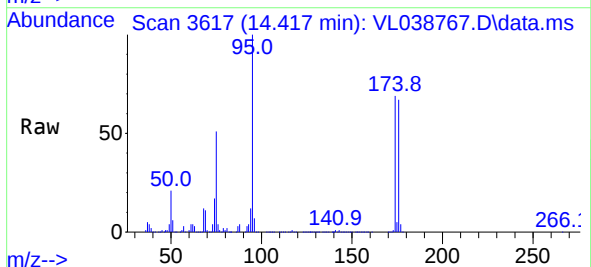
Tgt Ion: 95 Resp: 1808211

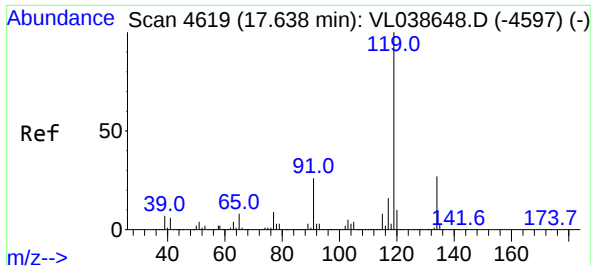
Ion Ratio Lower Upper

95 100

174 72.0 56.1 84.1

175 5.2 4.2 6.2





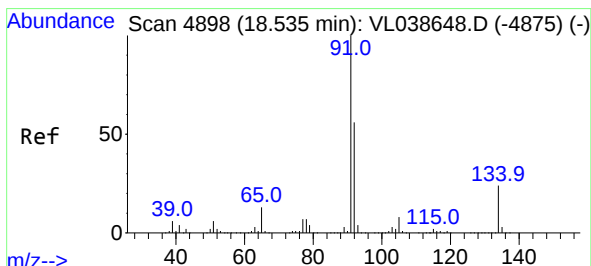
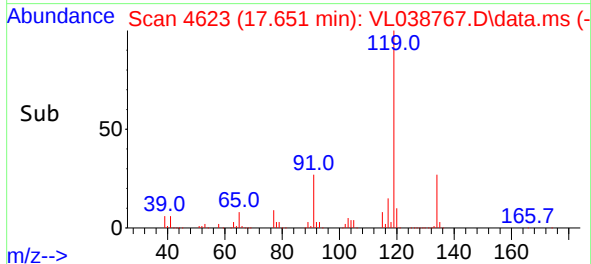
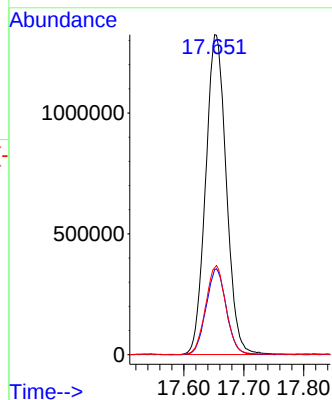
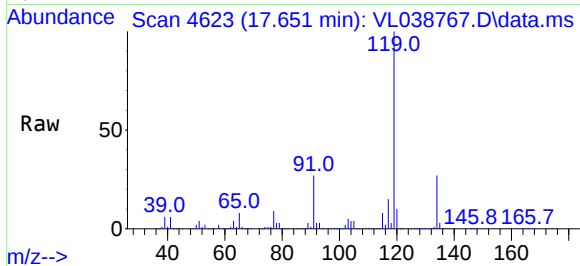
#69
p-Isopropyltoluene
Concen: 9.148 ppbv
RT: 17.651 min Scan# 4623
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 317494
Ion Ratio Lower Upper
119 100
134 26.4 21.2 31.8
91 27.4 21.4 32.2

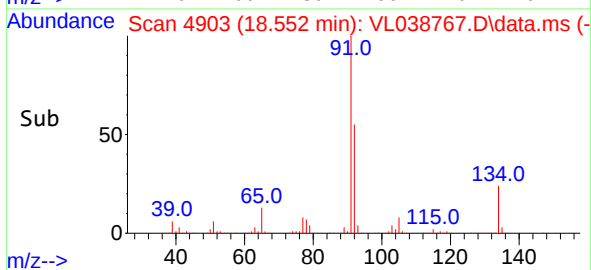
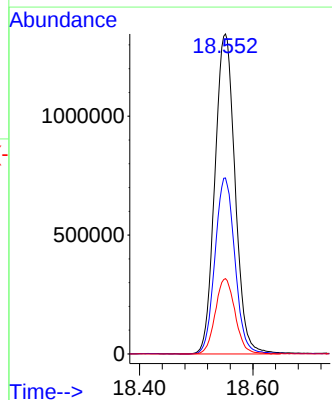
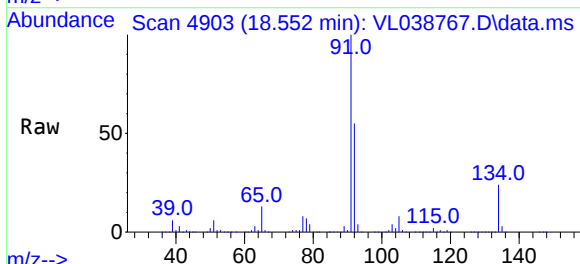
Manual Integrations
APPROVED

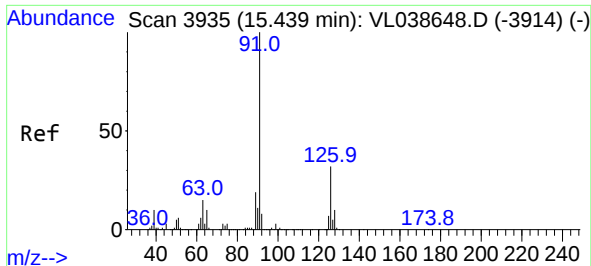
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#70
n-Butylbenzene
Concen: 9.291 ppbv
RT: 18.552 min Scan# 4903
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Tgt Ion: 91 Resp: 3325897
Ion Ratio Lower Upper
91 100
92 54.7 43.9 65.9
134 23.1 18.7 28.1





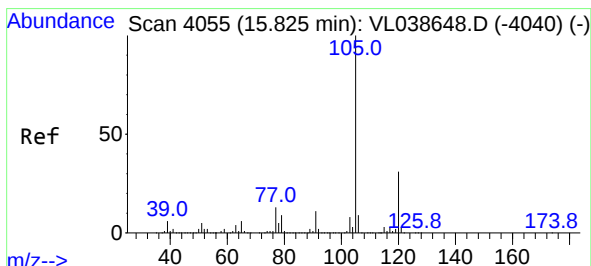
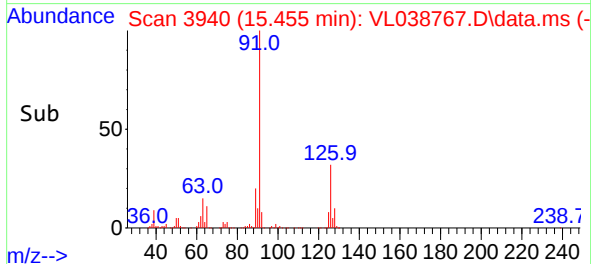
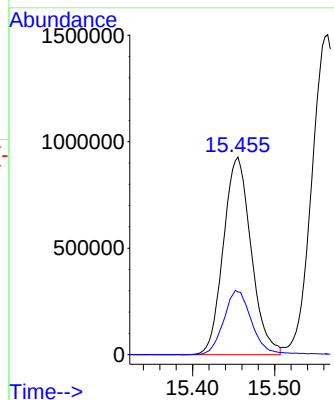
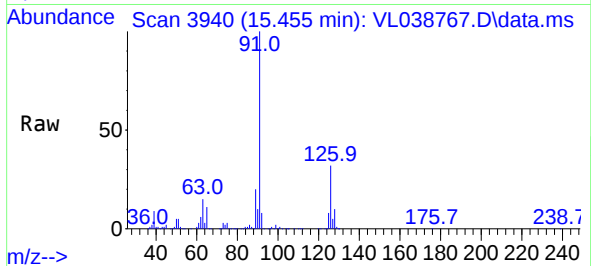
#71
2-Chlorotoluene
Concen: 8.891 ppbv
RT: 15.455 min Scan# 3935
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 218366
Ion Ratio Lower Upper
91 100
126 33.3 13.1 52.3

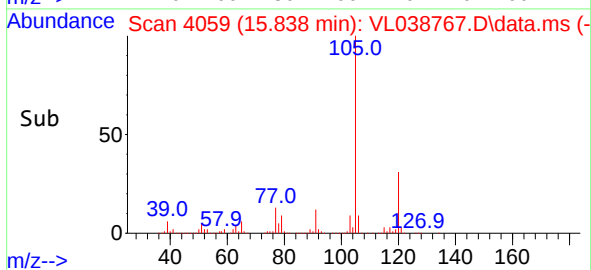
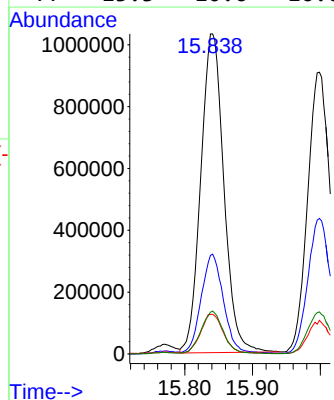
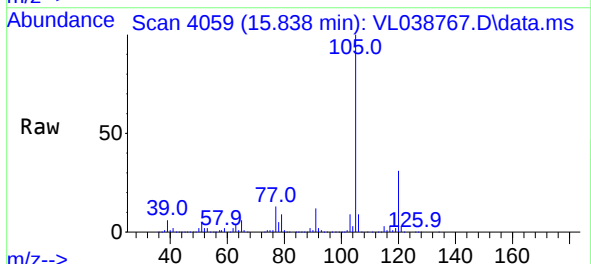
Manual Integrations
APPROVED

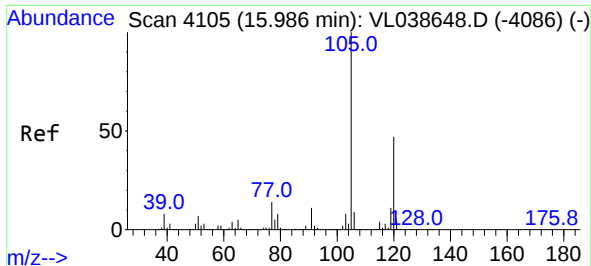
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#72
4-Ethyltoluene
Concen: 9.394 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

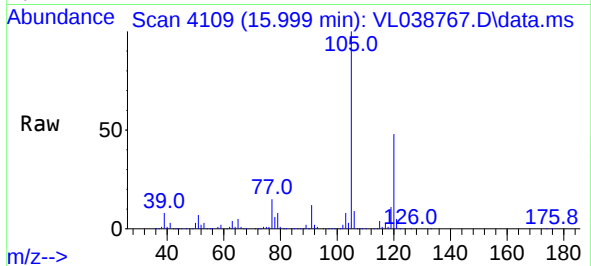
Tgt Ion:105 Resp: 2440895
Ion Ratio Lower Upper
105 100
120 30.7 24.9 37.3
91 12.3 9.8 14.6
77 13.3 10.6 16.0





#73
1,3,5-Trimethylbenzene
Concen: 8.995 ppbv
RT: 15.999 min Scan# 4109
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

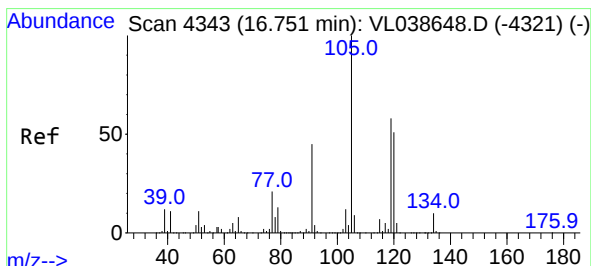
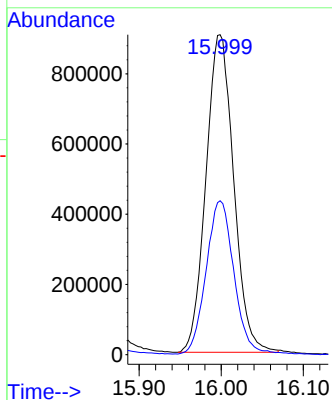
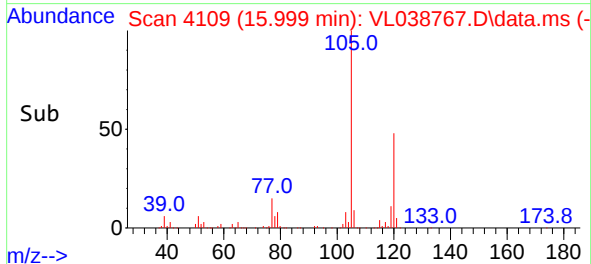
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



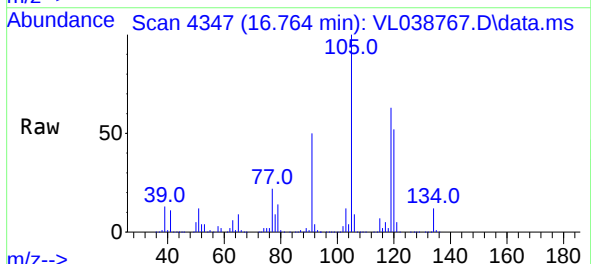
Tgt Ion:105 Resp: 2129710
Ion Ratio Lower Upper
105 100
120 48.2 37.6 56.4

Manual Integrations
APPROVED

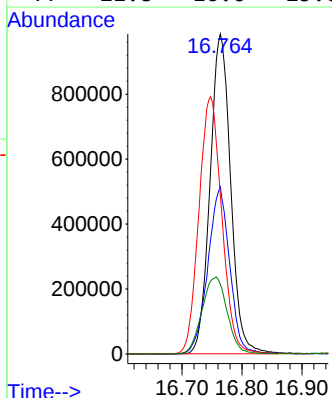
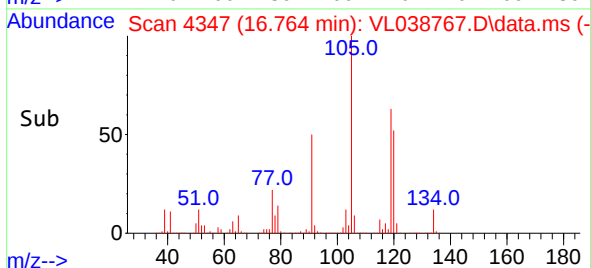
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

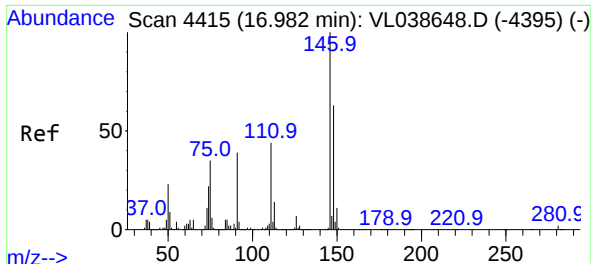


#74
1,2,4-Trimethylbenzene
Concen: 9.108 ppbv
RT: 16.764 min Scan# 4347
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



Tgt Ion:105 Resp: 2348999
Ion Ratio Lower Upper
105 100
120 52.2 40.5 60.7
91 49.7 35.9 53.9
77 21.8 16.6 25.0





#75
1,3-Dichlorobenzene
Concen: 8.740 ppbv
RT: 16.999 min Scan# 4415
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

Instrument :

MSVOA_L

ClientSampleId :

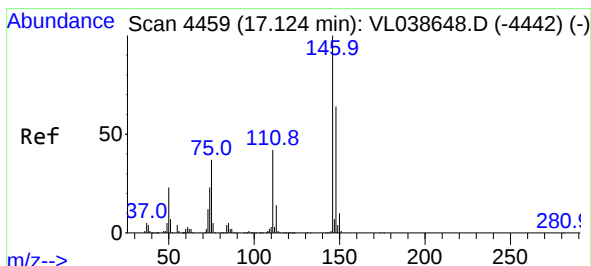
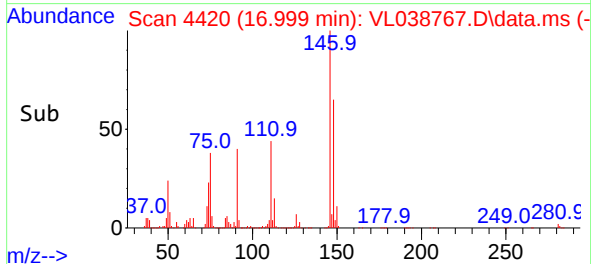
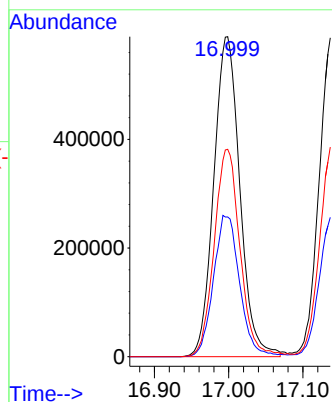
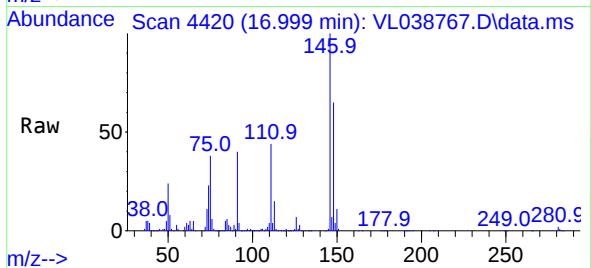
VSTDCCC010

Tgt Ion:146 Resp: 1435658
Ion Ratio Lower Upper
146 100
111 44.4 22.2 66.6
148 64.6 32.5 97.5

Manual Integrations

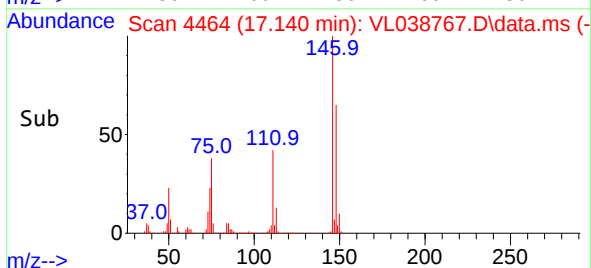
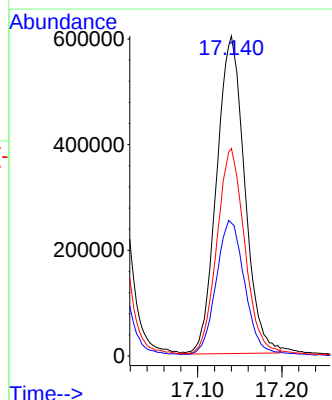
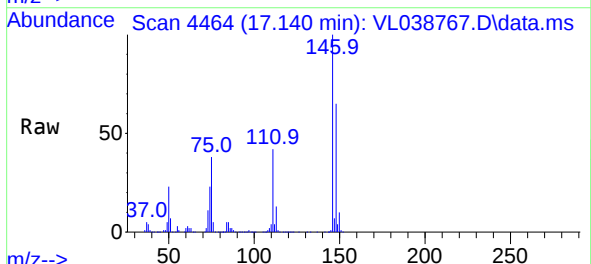
APPROVED

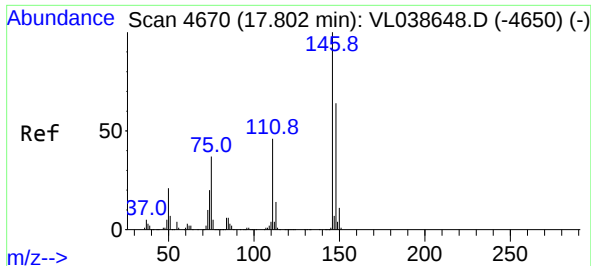
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022



#76
1,4-Dichlorobenzene
Concen: 8.516 ppbv
RT: 17.140 min Scan# 4464
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

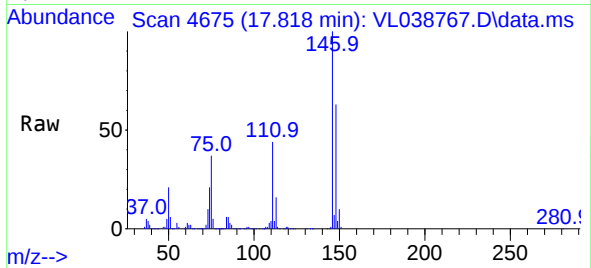
Tgt Ion:146 Resp: 1391121
Ion Ratio Lower Upper
146 100
111 44.3 21.4 64.2
148 66.8 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 8.797 ppbv
RT: 17.818 min Scan# 4003
Delta R.T. 0.016 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

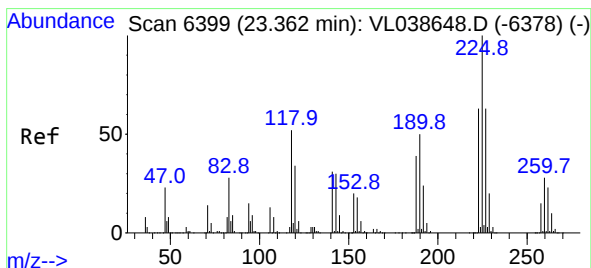
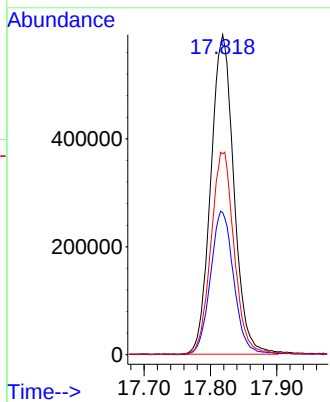
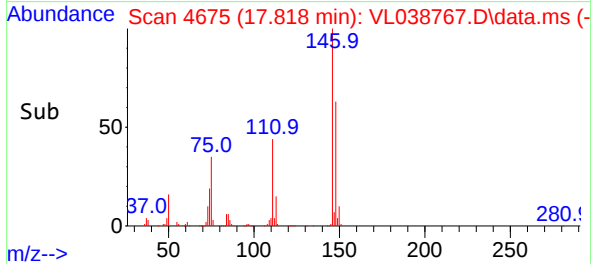
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



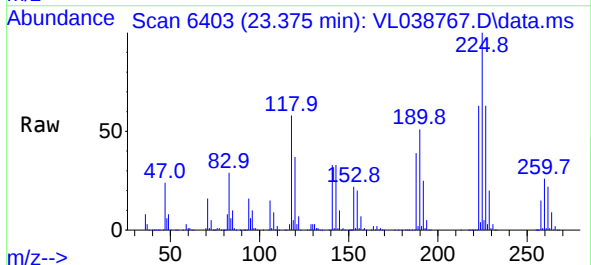
Tgt Ion:146 Resp: 143145
Ion Ratio Lower Upper
146 100
111 46.0 22.8 68.4
148 64.5 32.5 97.4

Manual Integrations
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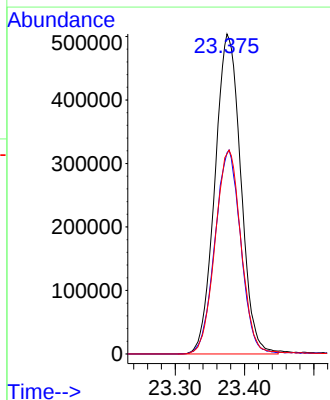
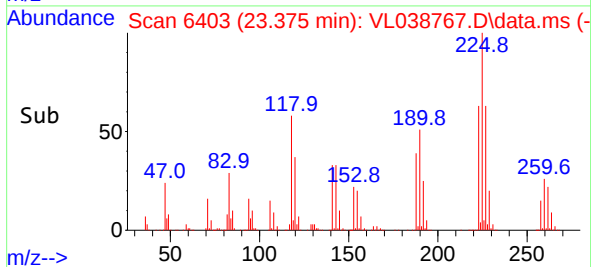
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

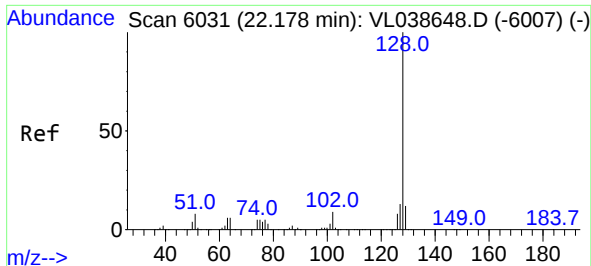


#78
Hexachloro-1,3-Butadiene
Concen: 8.691 ppbv
RT: 23.375 min Scan# 6403
Delta R.T. 0.013 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



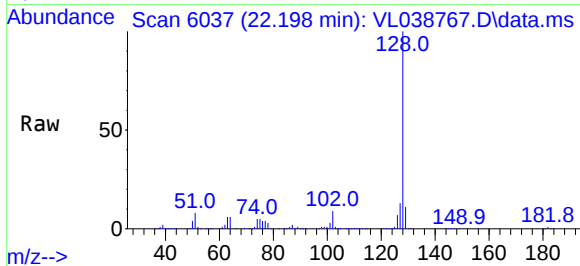
Tgt Ion:225 Resp: 1307127
Ion Ratio Lower Upper
225 100
223 64.0 51.0 76.6
227 64.6 51.5 77.3





#79
Naphthalene
Concen: 11.696 ppbv
RT: 22.198 min Scan# 6031
Delta R.T. 0.019 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25

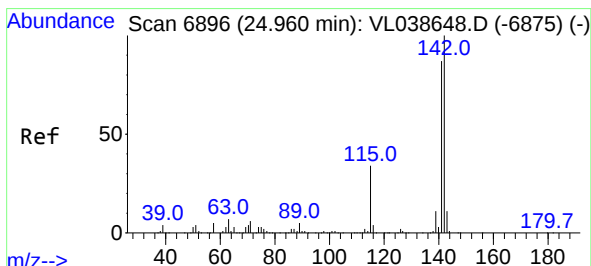
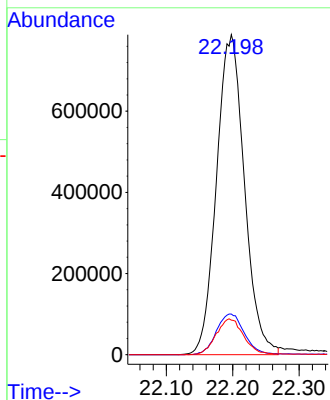
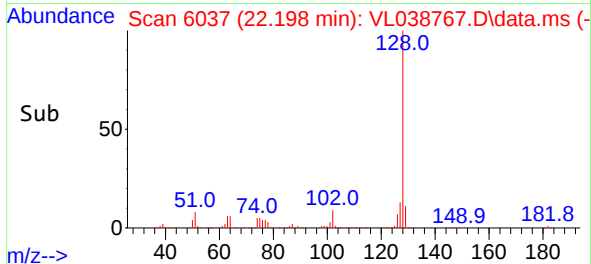
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



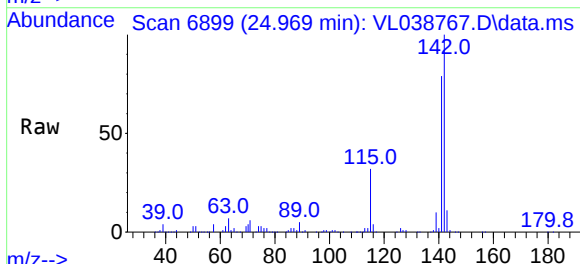
Tgt Ion:128 Resp: 2304439
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 10.8 9.2 13.8

Manual Integrations
APPROVED

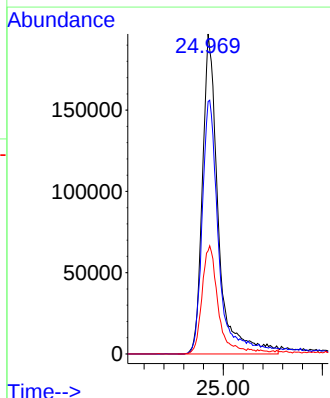
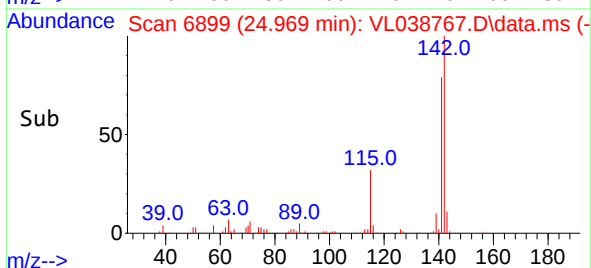
Reviewed By :Semsettin Yesilyurt 03/29/2022
Supervised By :Mahesh Dadoda 03/29/2022

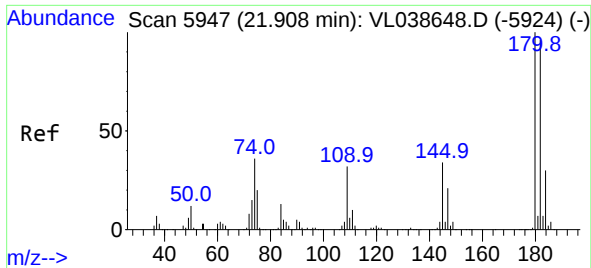


#80
Naphthalene,2-methyl-
Concen: 8.285 ppbv
RT: 24.969 min Scan# 6899
Delta R.T. 0.010 min
Lab File: VL038767.D
Acq: 28 Mar 2022 9:25



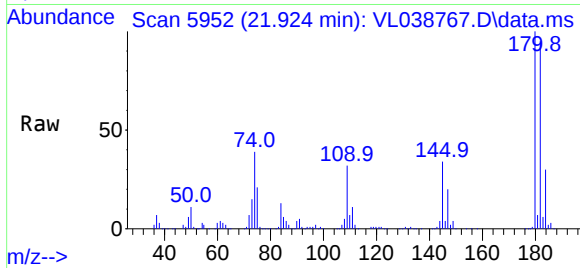
Tgt Ion:142 Resp: 437760
Ion Ratio Lower Upper
142 100
141 85.6 66.4 99.6
115 35.4 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 10.058 ppbv
 RT: 21.924 min Scan# 5952
 Delta R.T. 0.016 min
 Lab File: VL038767.D
 Acq: 28 Mar 2022 9:25

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1356599
 Ion Ratio Lower Upper
 180 100
 182 97.0 79.2 118.8
 184 30.7 24.8 37.2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/29/2022
 Supervised By :Mahesh Dadoda 03/29/2022

