

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031722\
 Data File : VL038624.D
 Acq On : 17 Mar 2022 11:56
 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 03/19/2022
 Supervised By : Mahesh Dadoda 03/21/2022

Quant Time: Mar 18 03:30:25 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	905321	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	2389934	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2255554m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 1651266 9.629 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	1194473	8.735	ppbv	100
3) Chlorodifluoromethane	2.992	51	1507929	9.446	ppbv	100
4) Chloromethane	3.144	50	594779	10.051	ppbv	98
5) Vinyl Chloride	3.259	62	585329	9.855	ppbv	99
6) Bromomethane	3.478	94	320714	10.060	ppbv	96
7) Chloroethane	3.558	64	198648	10.329	ppbv	97
8) Dichlorotetrafluoroethane	3.192	85	1339835	10.108	ppbv	100
9) Propene	3.015	41	536590	9.526	ppbv	100
10) Heptane	8.118	43	1352461	10.037	ppbv	97
11) Trichlorofluoromethane	3.951	101	1192051	9.943	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.484	101	935144	10.032	ppbv	99
13) Ethanol	3.607	45	54521m	8.426	ppbv	
14) Bromoethene	3.742	108	413063	10.400	ppbv	99
15) Acetone	3.851	43	730542	11.440	ppbv	98
16) 1,3-Butadiene	3.330	39	521917	10.171	ppbv	97
17) tert-Butyl alcohol	4.285	59	707978	10.204	ppbv	99
18) 1,1-Dichloroethene	4.288	96	423089	10.142	ppbv	97
19) Isopropyl Alcohol	3.964	45	414340	9.717	ppbv #	97
20) Methylene Chloride	4.343	84	346164	9.008	ppbv	98
21) Allyl Chloride	4.410	41	618136	10.043	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	453240	10.364	ppbv	98
23) Vinyl Acetate	5.070	43	974042	10.641	ppbv	99
24) 1,1-Dichloroethane	5.008	63	820421	9.855	ppbv	99
25) Ethyl Acetate	5.674	43	2139753	9.950	ppbv	100
26) Hexane	5.687	57	1013224	10.032	ppbv	98
27) Carbon Disulfide	4.552	76	1093051	10.867	ppbv	98
28) Methyl tert-Butyl Ether	5.031	73	821899	9.999	ppbv	99
29) Chloroform	5.751	83	1571344	9.998	ppbv	100
30) Cyclohexane	7.127	84	867463	9.932	ppbv	98
31) cis-1,2-Dichloroethene	5.549	61	965970	9.999	ppbv	99
32) 1,1,1-Trichloroethane	6.510	97	1503189	9.862	ppbv	99
34) 2-Butanone	5.240	43	652977	10.541	ppbv	98
35) Carbon Tetrachloride	7.015	117	1582803	9.710	ppbv	97
36) Benzene	6.889	78	2164866	10.038	ppbv	99
37) 1,2-Dichloroethane	6.304	62	1048015	10.169	ppbv	99
38) Trichloroethene	7.832	130	816201	9.474	ppbv	99
39) 1,2-Dichloropropane	7.610	63	838534	10.110	ppbv	99
40) 1,4-Dioxane	7.832	88	192110	9.255	ppbv	84
41) Tetrahydrofuran	6.047	42	503375	9.932	ppbv	98
42) Bromodichloromethane	7.787	83	1667592	10.204	ppbv	100
43) Methyl Methacrylate	8.012	69	779522	10.530	ppbv	96
44) 2,2,4-Trimethylpentane	7.867	57	3533329	9.690	ppbv	99
45) t-1,3-Dichloropropene	9.272	75	629049	11.791	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M

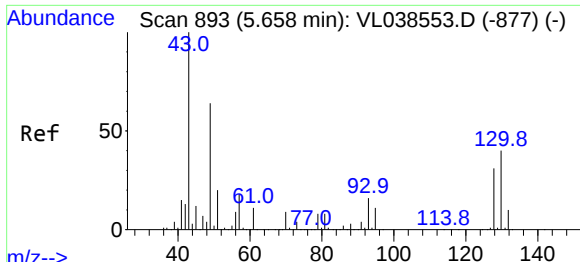
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 2022

QLast Update : Tue Mar 08 21:18:44 2022

Response via : Initial Calibration

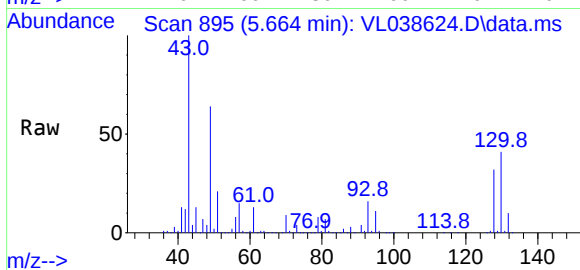
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.696	75	837491	11.480	ppbv	95
47) 1,1,2-Trichloroethane	9.471	97	883665	10.454	ppbv	98
48) Dibromochloromethane	10.298	129	1495681	11.143	ppbv	99
49) Bromoform	13.034	173	1233804	12.001	ppbv	99
50) 4-Methyl-2-Pentanone	8.738	43	1304199	10.270	ppbv	99
51) 2-Hexanone	10.130	43	554227	10.328	ppbv #	100
52) Tetrachloroethene	11.217	164	765111	9.679	ppbv	97
53) Toluene	9.799	91	2440822	10.602	ppbv	99
54) 1,2-Dibromoethane	10.606	107	1269037	10.506	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.121	131	962670	10.478	ppbv	97
57) Chlorobenzene	12.143	112	1768193	10.268	ppbv	97
58) Ethyl Benzene	12.703	91	3123012	10.694	ppbv	99
59) m/p-Xylene	12.992	91	5189616m	20.757	ppbv	
60) o-Xylene	13.687	91	2450630	10.381	ppbv	98
61) Styrene	13.519	104	1348272	11.590	ppbv	100
62) Isopropylbenzene	14.661	105	3428469	10.525	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.671	83	1895143	9.501	ppbv	100
64) n-propylbenzene	15.555	120	934279	11.254	ppbv	95
65) tert-Butylbenzene	16.738	119	3018523	10.362	ppbv	99
66) Benzyl Chloride	16.982	91	220355	12.766	ppbv	99
67) sec-Butylbenzene	17.288	105	4297701	10.380	ppbv	100
69) p-Isopropyltoluene	17.645	119	3529927	10.292	ppbv	99
70) n-Butylbenzene	18.542	91	3618673	9.906	ppbv	100
71) 2-Chlorotoluene	15.445	91	2572554	10.636	ppbv	98
72) 4-Ethyltoluene	15.831	105	2958173	10.908	ppbv	99
73) 1,3,5-Trimethylbenzene	15.992	105	2610995	10.372	ppbv	98
74) 1,2,4-Trimethylbenzene	16.757	105	2744197	10.204	ppbv	96
75) 1,3-Dichlorobenzene	16.989	146	1742247	10.268	ppbv	100
76) 1,4-Dichlorobenzene	17.133	146	1680186	9.997	ppbv	99
77) 1,2-Dichlorobenzene	17.809	146	1676833	9.768	ppbv	99
78) Hexachloro-1,3-Butadiene	23.365	225	1336836	7.984	ppbv	100
79) Naphthalene	22.185	128	2554907	10.561	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	553507	12.962	ppbv	98
81) 1,2,4-Trichlorobenzene	21.918	180	1430082	9.251	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 89
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

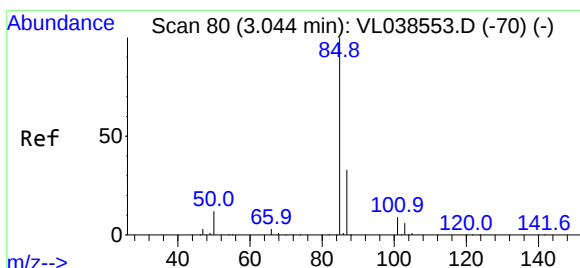
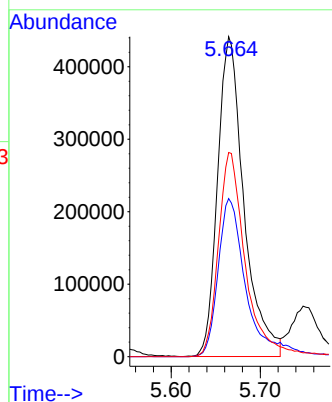
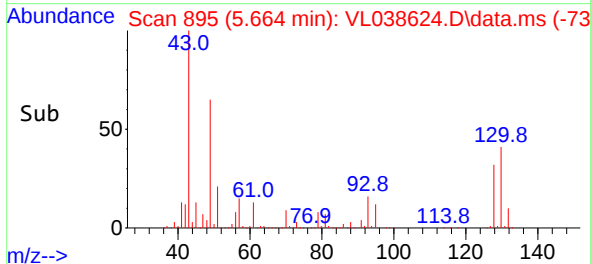
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



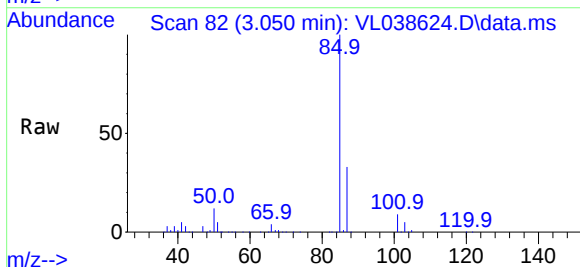
Tgt Ion: 49 Resp: 90532
Ion Ratio Lower Upper
49 100
128 54.3 26.4 79.2
130 66.7 33.0 98.9

Manual Integrations
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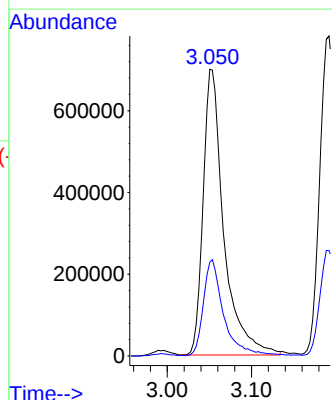
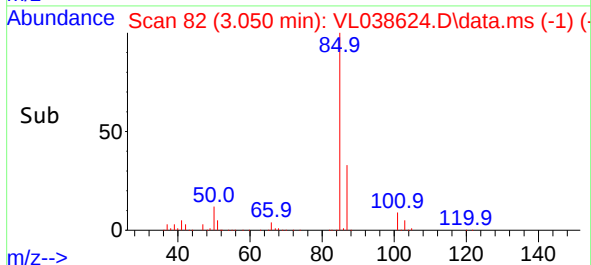
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

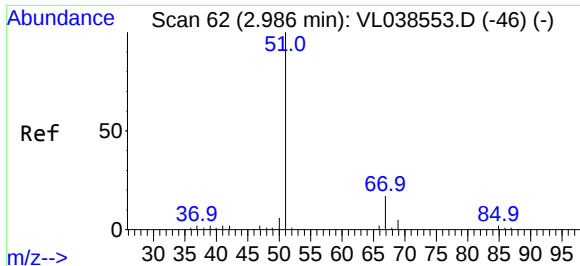


#2
Dichlorodifluoromethane
Concen: 8.735 ppbv
RT: 3.050 min Scan# 82
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion: 85 Resp: 1194473
Ion Ratio Lower Upper
85 100
87 32.6 26.2 39.2





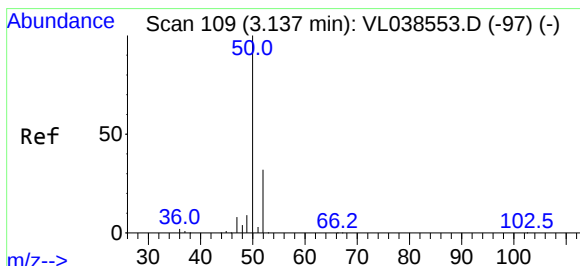
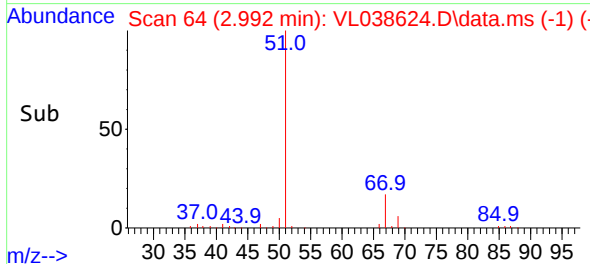
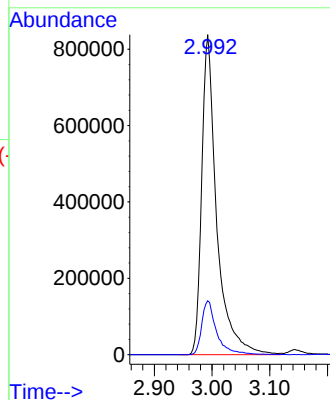
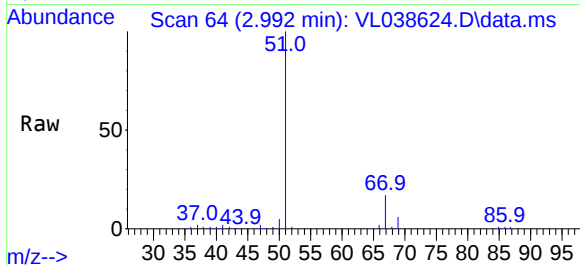
#3
Chlorodifluoromethane
Concen: 9.446 ppbv
RT: 2.992 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 51 Resp: 1507929
Ion Ratio Lower Upper
51 100
67 17.0 13.6 20.4

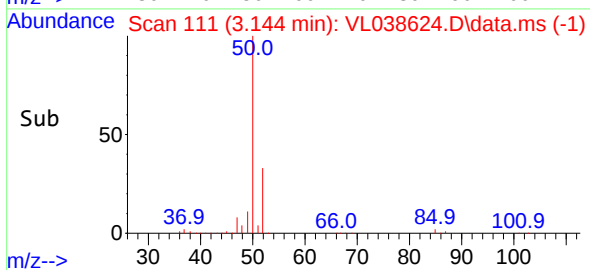
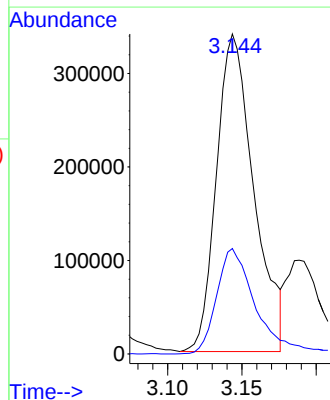
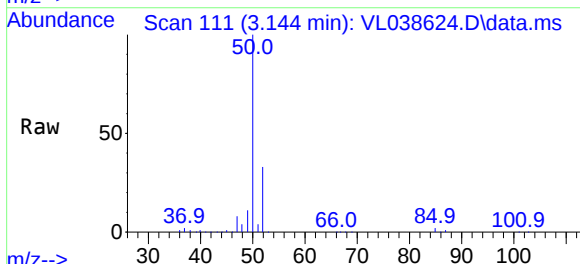
Manual Integrations
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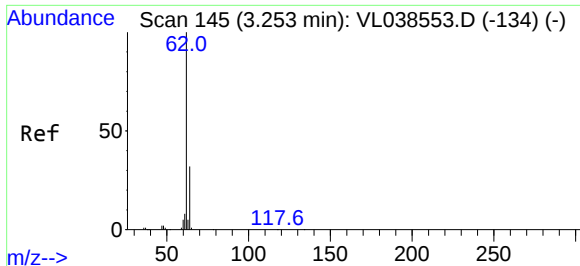
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#4
Chloromethane
Concen: 10.051 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

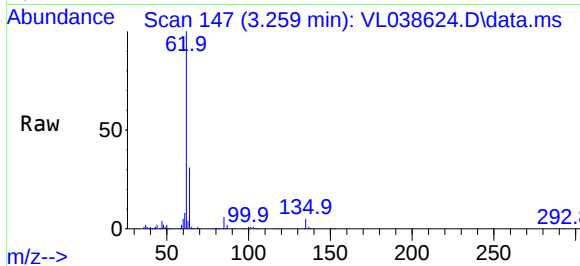
Tgt Ion: 50 Resp: 594779
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4





#5
 Vinyl Chloride
 Concen: 9.855 ppbv
 RT: 3.259 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

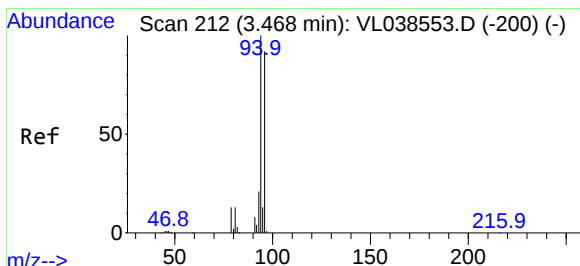
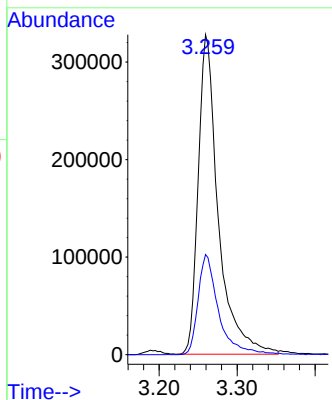
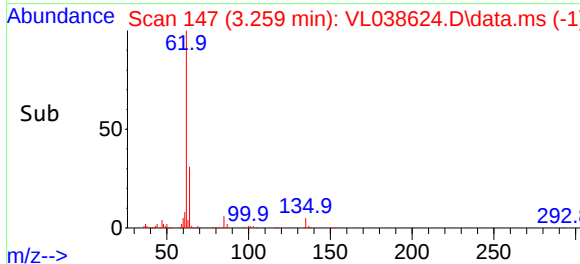
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 585329
 Ion Ratio Lower Upper
 62 100
 64 31.4 25.8 38.6

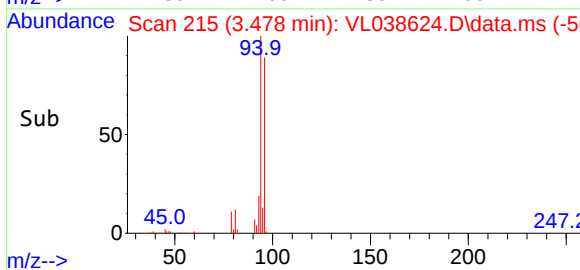
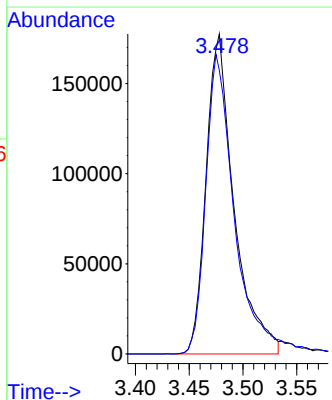
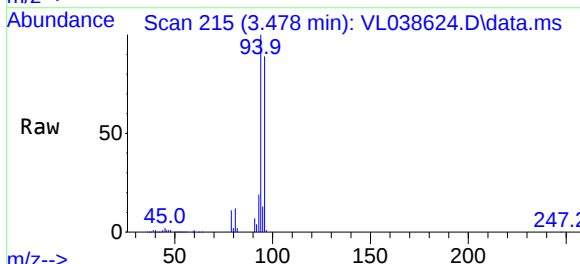
Manual Integrations
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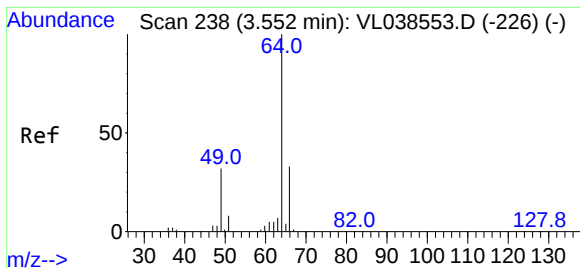
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#6
 Bromomethane
 Concen: 10.060 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.010 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

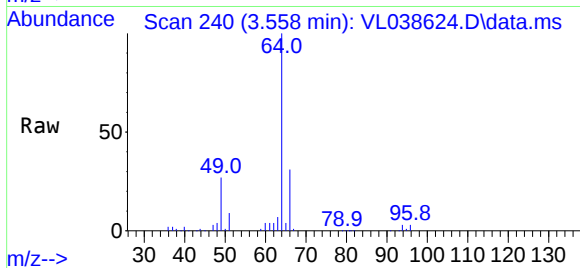
Tgt Ion: 94 Resp: 320714
 Ion Ratio Lower Upper
 94 100
 96 88.6 73.7 110.5





#7
Chloroethane
Concen: 10.329 ppbv
RT: 3.558 min Scan# 24
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

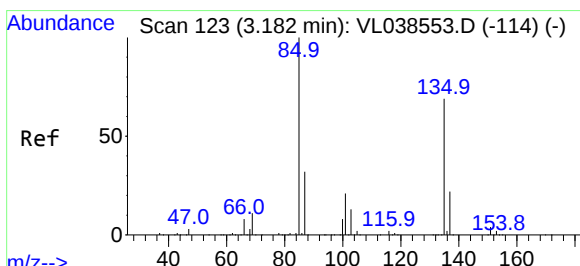
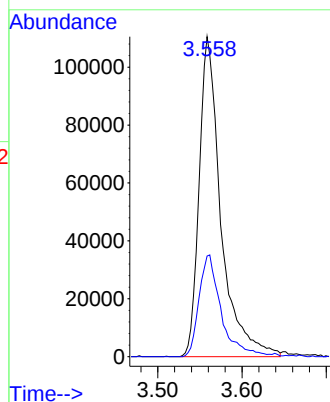
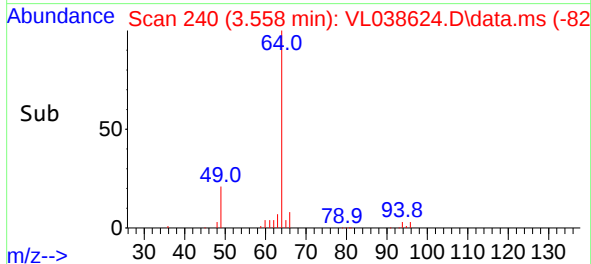
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



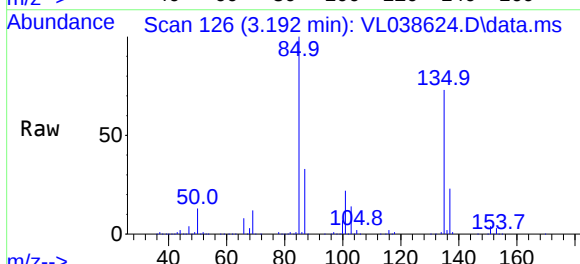
Tgt Ion: 64 Resp: 198648
Ion Ratio Lower Upper
64 100
66 31.4 26.6 39.8

Manual Integrations
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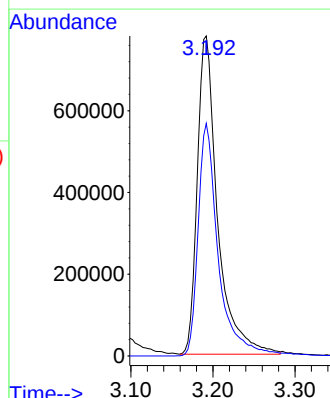
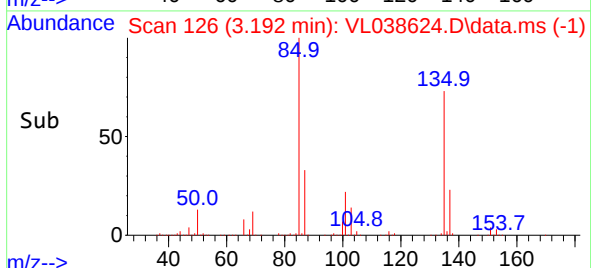
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

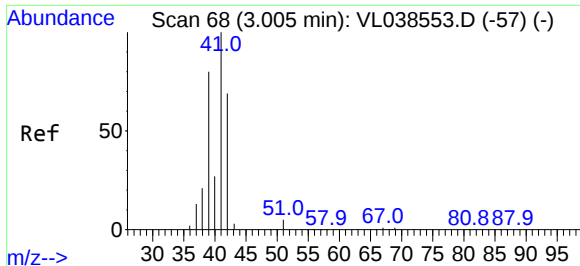


#8
Dichlorotetrafluoroethane
Concen: 10.108 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion: 85 Resp: 1339835
Ion Ratio Lower Upper
85 100
135 73.5 59.0 88.4





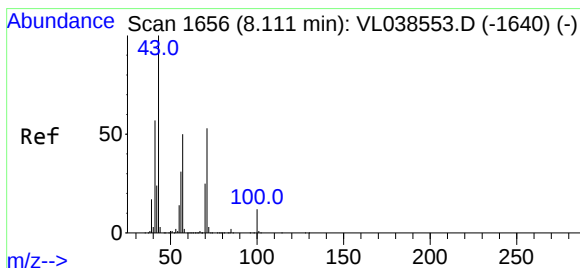
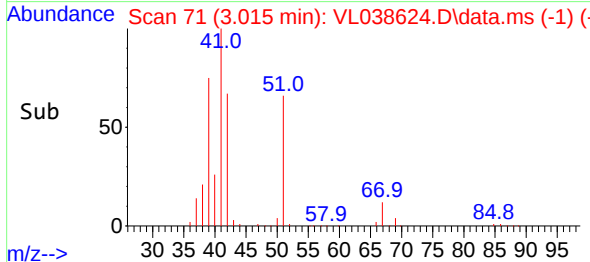
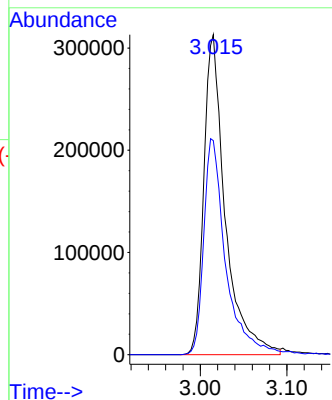
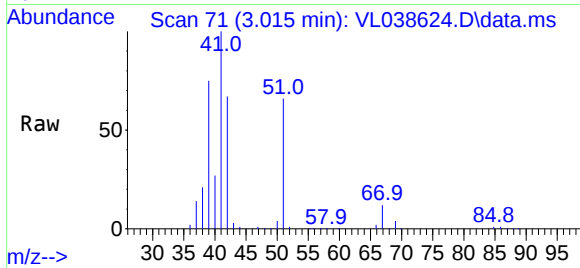
#9
 Propene
 Concen: 9.526 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. 0.010 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 536590
 Ion Ratio Lower Upper
 41 100
 42 69.9 55.7 83.5

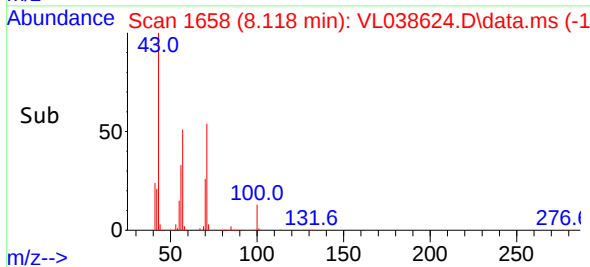
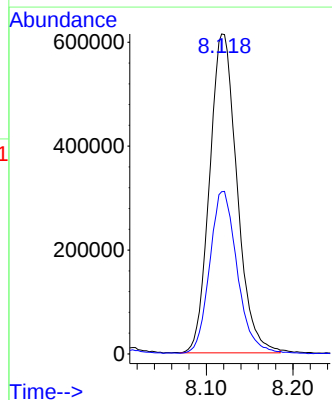
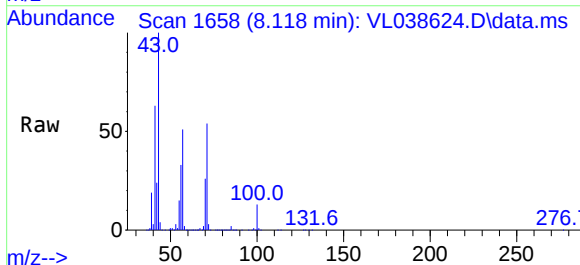
Manual Integrations
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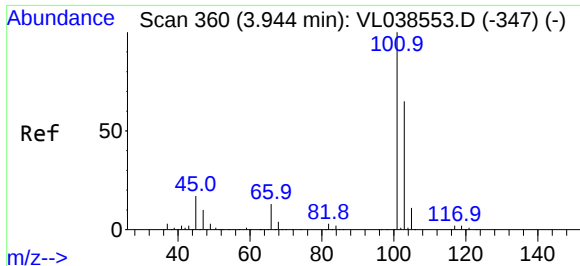
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#10
 Heptane
 Concen: 10.037 ppbv
 RT: 8.118 min Scan# 1658
 Delta R.T. 0.006 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

Tgt Ion: 43 Resp: 1352461
 Ion Ratio Lower Upper
 43 100
 57 51.3 39.6 59.4





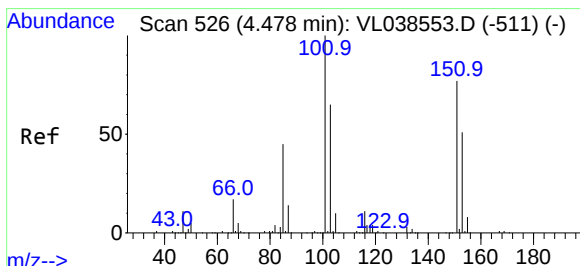
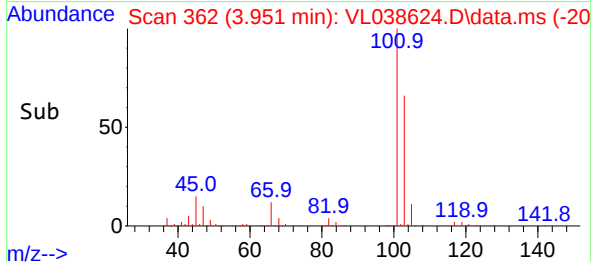
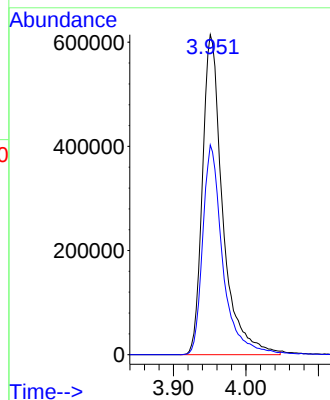
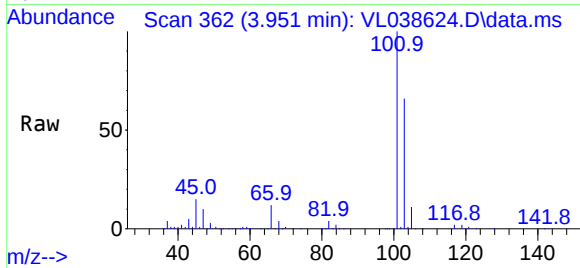
#11
Trichlorofluoromethane
Concen: 9.943 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:101 Resp: 119205
Ion Ratio Lower Upper
101 100
103 65.5 52.0 78.0

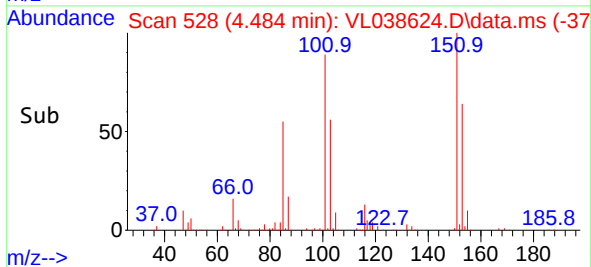
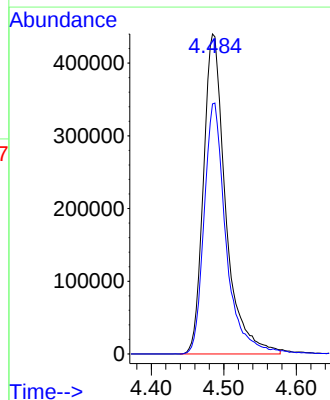
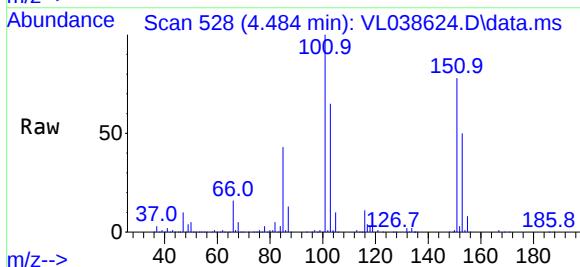
Manual Integrations
APPROVED

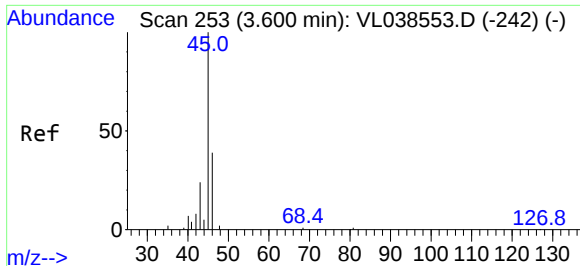
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.032 ppbv
RT: 4.484 min Scan# 528
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

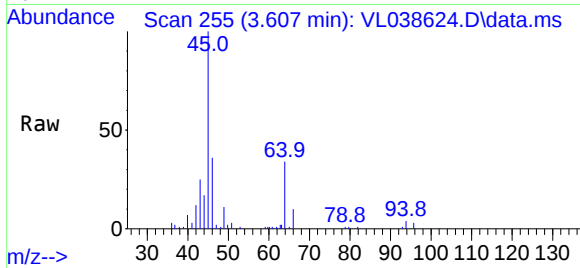
Tgt Ion:101 Resp: 935144
Ion Ratio Lower Upper
101 100
151 77.9 63.4 95.0





#13
Ethanol
Concen: 8.426 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

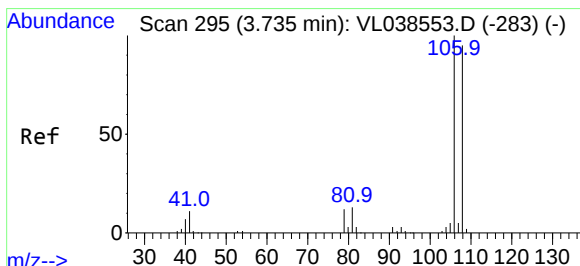
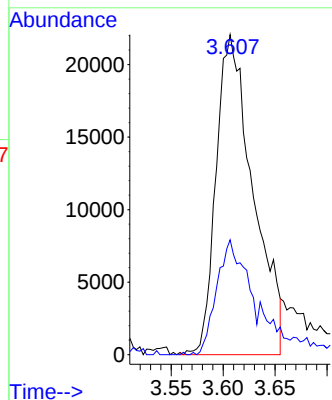
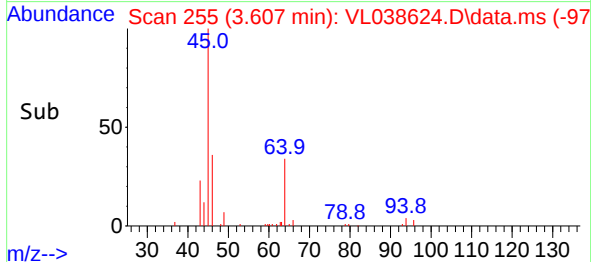
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 5452
Ion Ratio Lower Upper
45 100
46 40.2 16.8 67.0

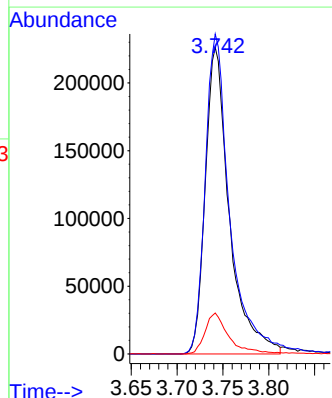
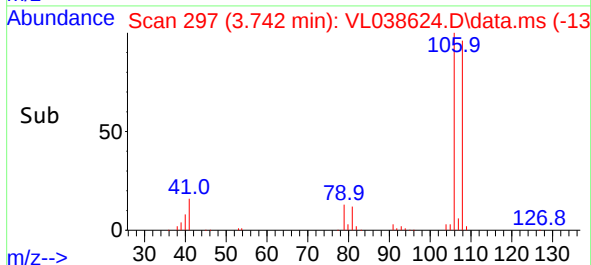
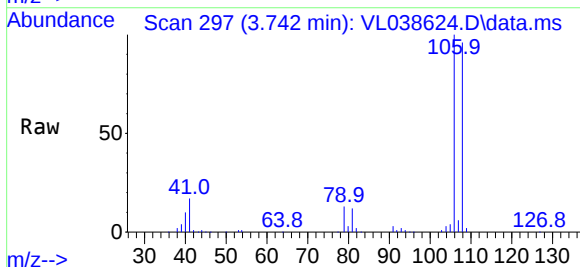
Manual Integrations
APPROVED

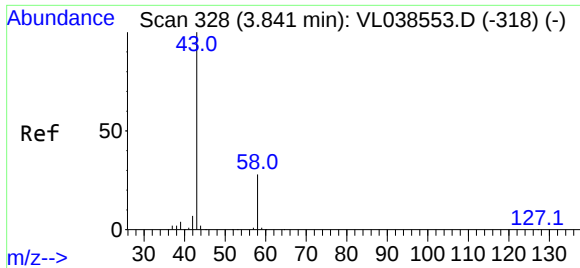
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#14
Bromoethene
Concen: 10.400 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:108 Resp: 413063
Ion Ratio Lower Upper
108 100
106 108.6 85.9 128.9
79 13.6 11.0 16.6





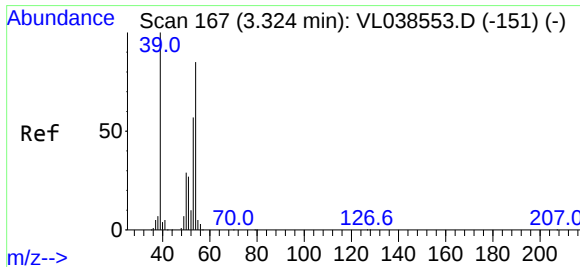
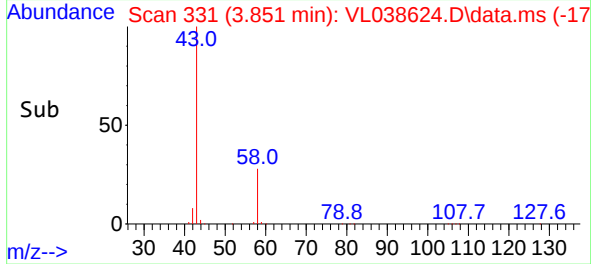
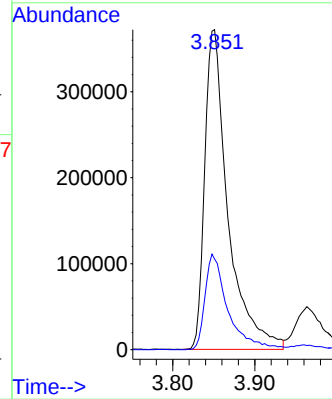
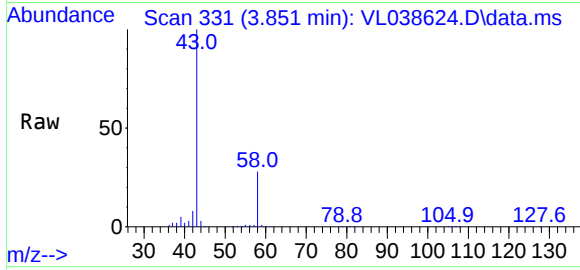
#15
Acetone
Concen: 11.440 ppbv
RT: 3.851 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 73054
Ion Ratio Lower Upper
43 100
58 29.4 22.7 34.1

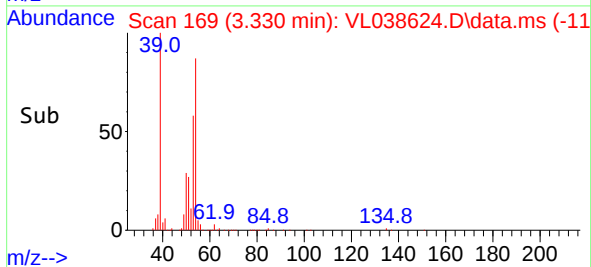
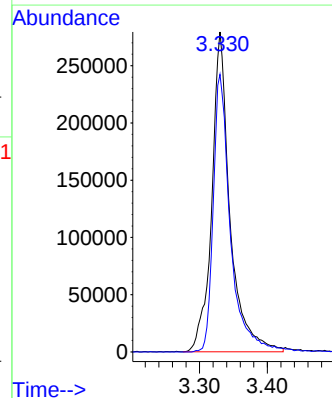
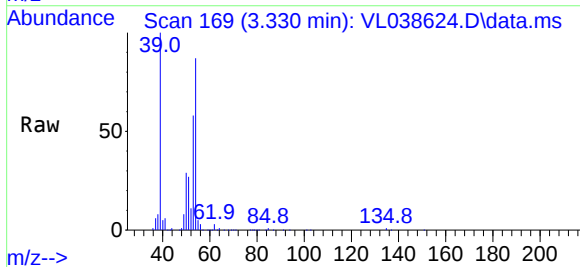
Manual Integrations
APPROVED

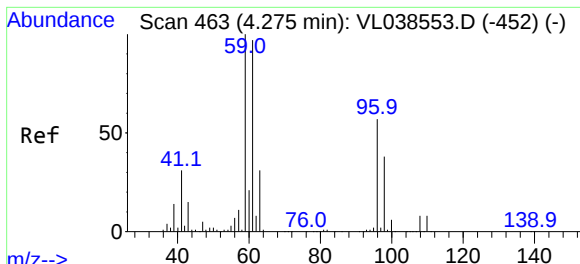
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#16
1,3-Butadiene
Concen: 10.171 ppbv
RT: 3.330 min Scan# 169
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

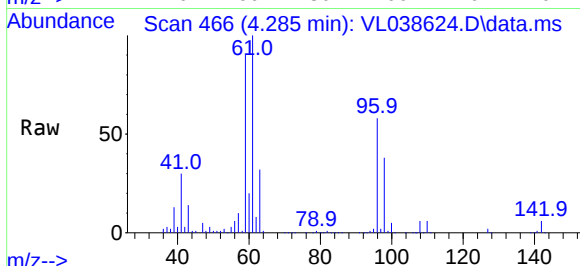
Tgt Ion: 39 Resp: 521917
Ion Ratio Lower Upper
39 100
54 82.4 64.2 96.2





#17
tert-Butyl alcohol
Concen: 10.204 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

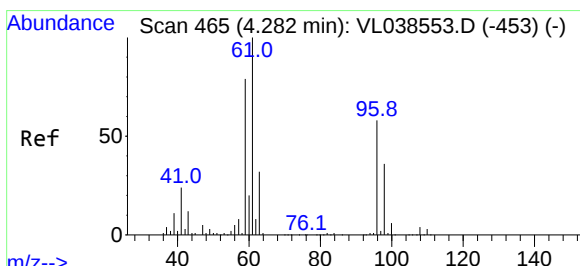
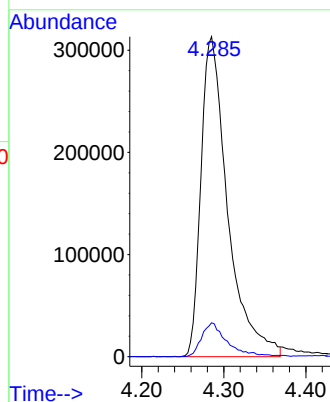
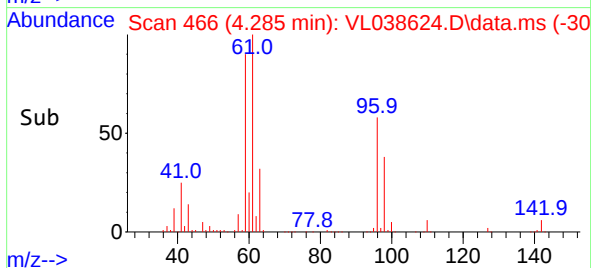
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



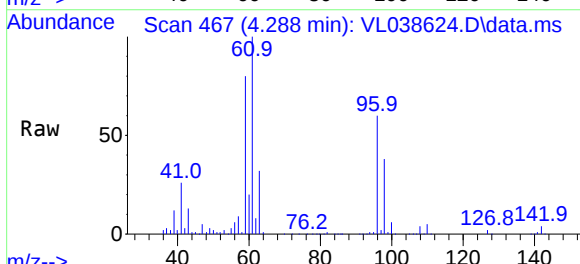
Tgt Ion: 59 Resp: 707978
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

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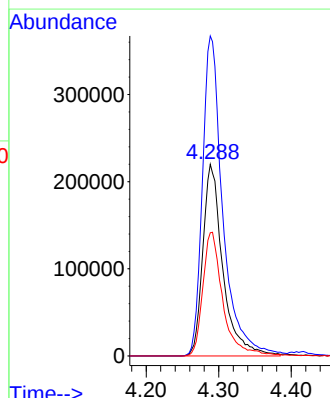
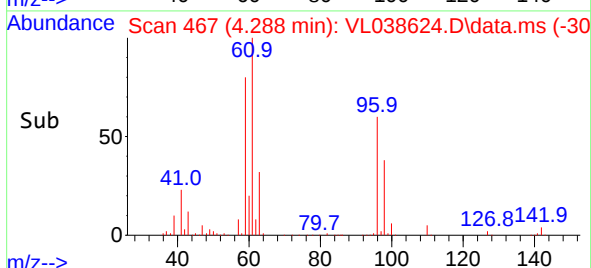
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

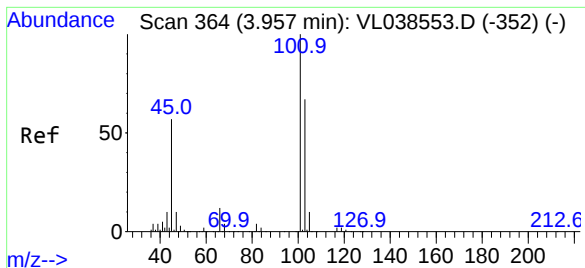


#18
1,1-Dichloroethene
Concen: 10.142 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



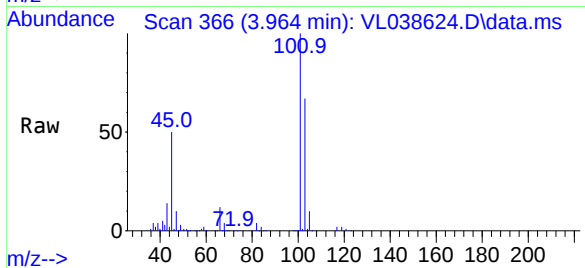
Tgt Ion: 96 Resp: 423089
Ion Ratio Lower Upper
96 100
61 166.9 137.4 206.0
98 64.3 49.3 73.9





#19
Isopropyl Alcohol
Concen: 9.717 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

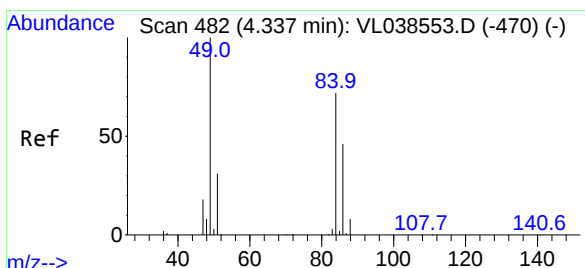
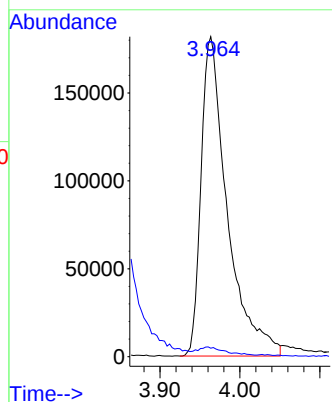
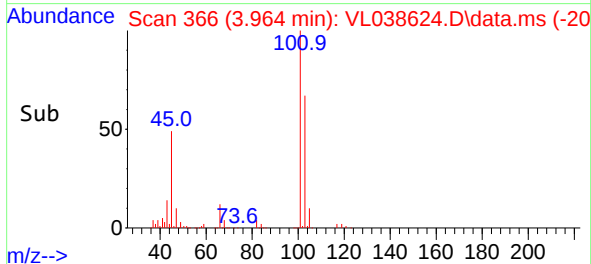
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 414340
Ion Ratio Lower Upper
45 100
58 3.8 2.2 3.2

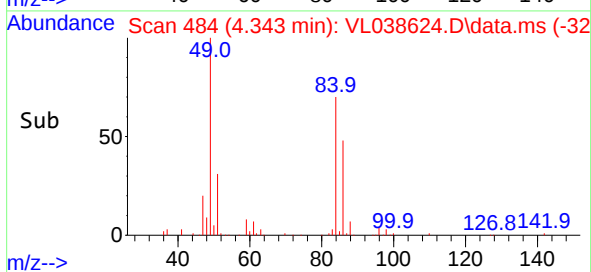
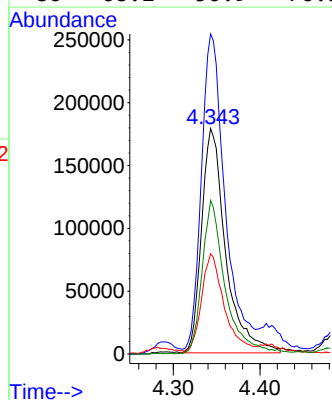
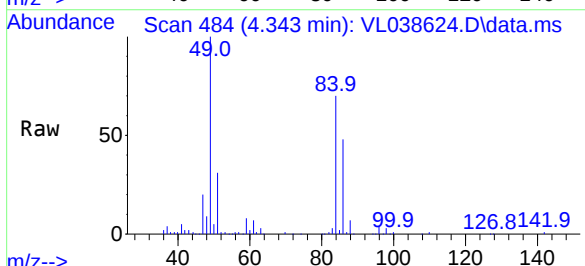
Manual Integrations
APPROVED

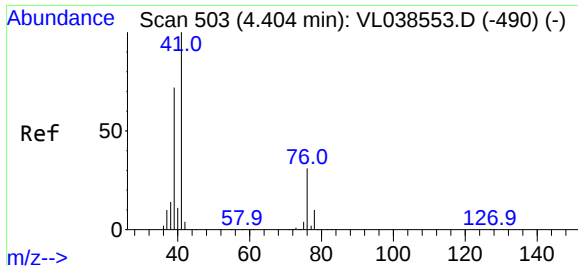
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#20
Methylene Chloride
Concen: 9.008 ppbv
RT: 4.343 min Scan# 484
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

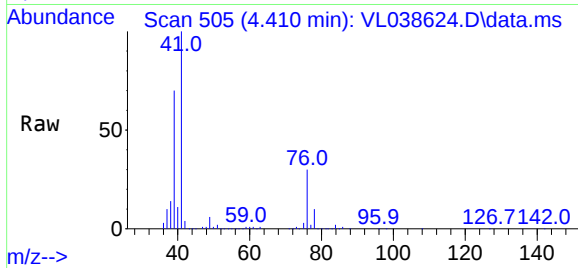
Tgt Ion: 84 Resp: 346164
Ion Ratio Lower Upper
84 100
49 140.2 111.1 166.7
51 43.1 34.0 51.0
86 68.2 50.9 76.3





#21
 Allyl Chloride
 Concen: 10.043 ppbv
 RT: 4.410 min Scan# 503
 Delta R.T. 0.006 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

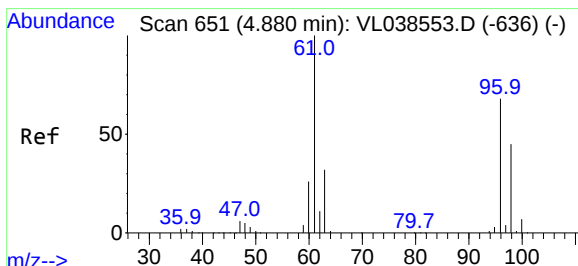
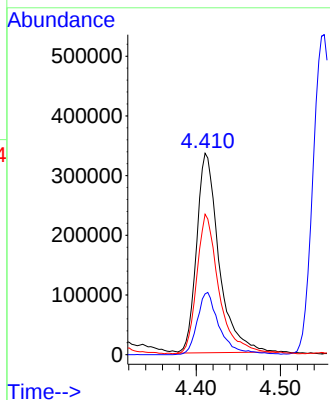
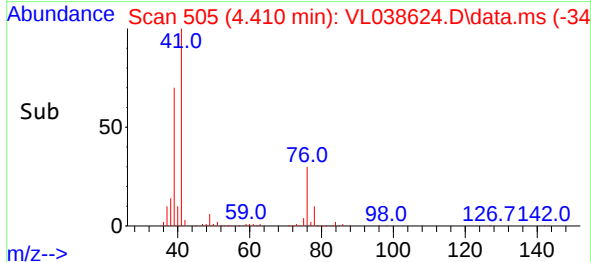
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 618130
 Ion Ratio Lower Upper
 41 100
 76 31.3 24.3 36.5
 39 70.2 57.1 85.7

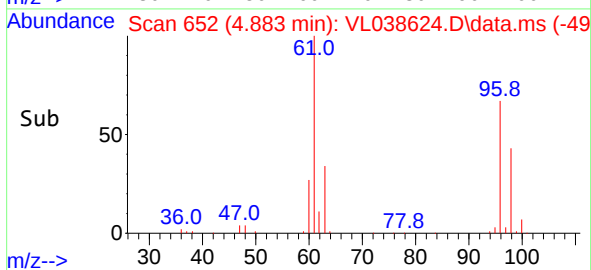
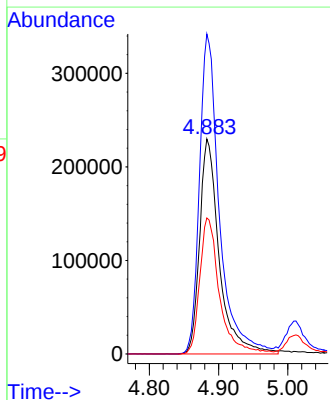
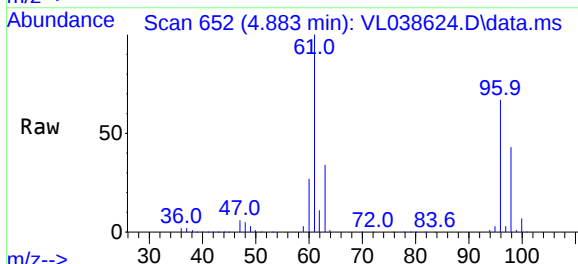
Manual Integrations
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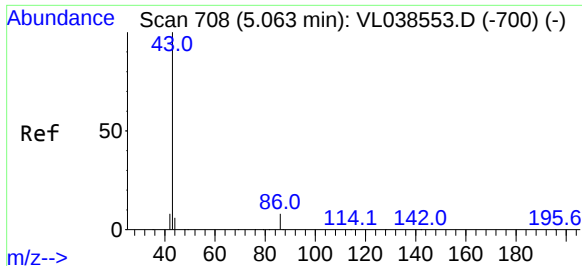
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.364 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. 0.003 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

Tgt Ion: 96 Resp: 453240
 Ion Ratio Lower Upper
 96 100
 61 148.8 117.6 176.4
 98 63.3 52.6 78.8





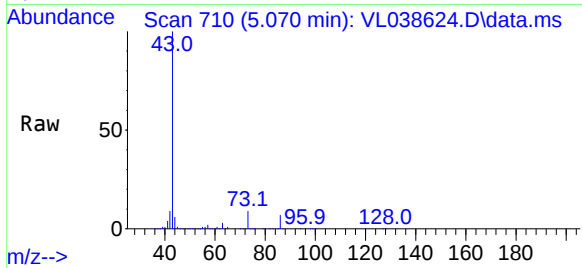
#23
 Vinyl Acetate
 Concen: 10.641 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. 0.006 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

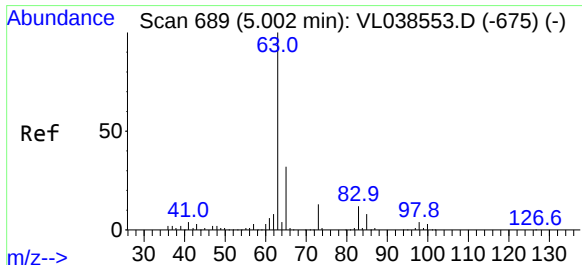
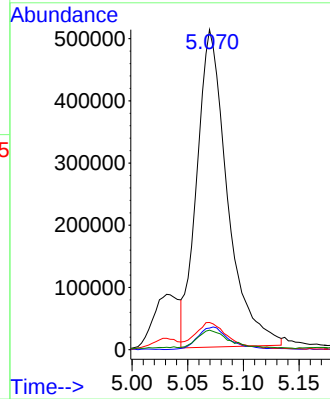
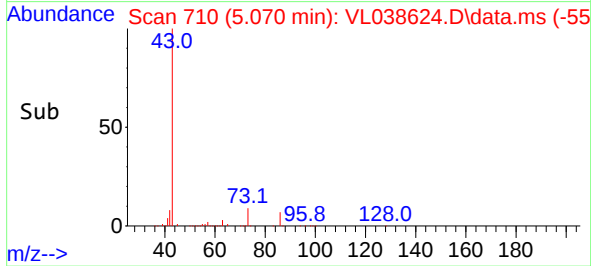


Tgt Ion: 43 Resp: 974042
 Ion Ratio Lower Upper
 43 100
 86 6.6 5.6 8.4
 42 8.2 7.1 10.7
 44 5.6 4.1 6.1

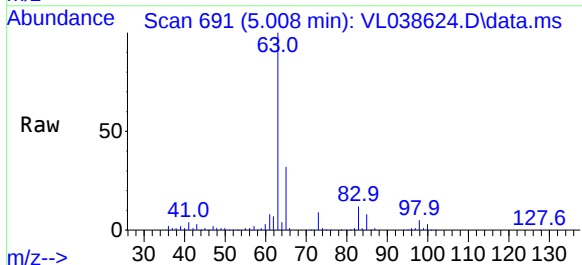
Manual Integrations

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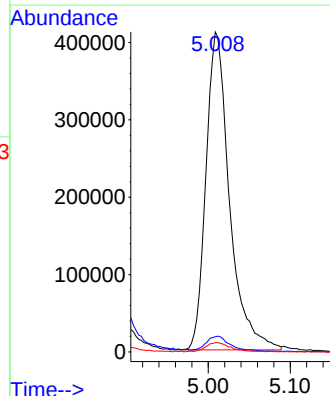
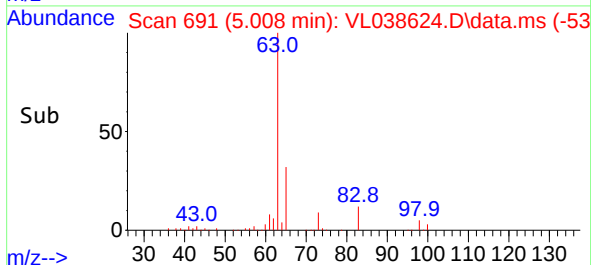
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

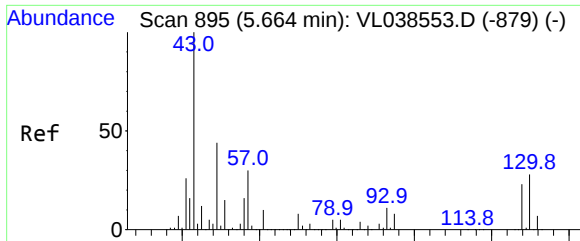


#24
 1,1-Dichloroethane
 Concen: 9.855 ppbv
 RT: 5.008 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56



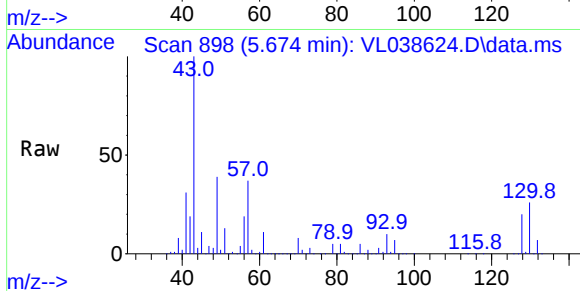
Tgt Ion: 63 Resp: 820421
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.2 6.6
 100 2.8 1.5 4.5





#25
Ethyl Acetate
Concen: 9.950 ppbv
RT: 5.674 min Scan# 895
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

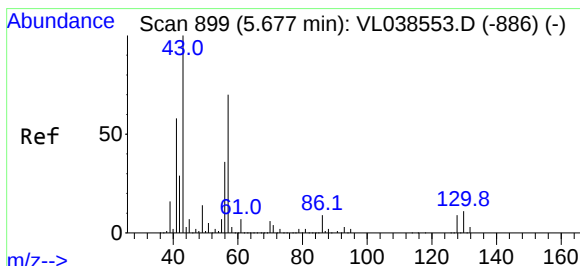
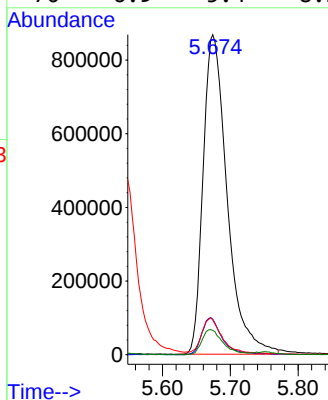
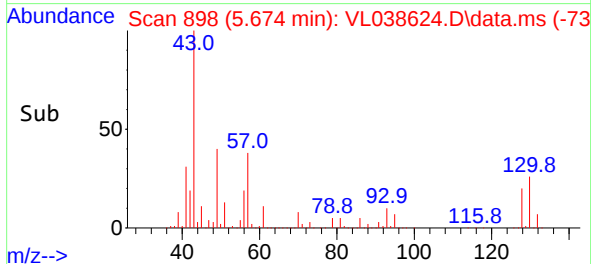


Tgt Ion: 43 Resp: 213975

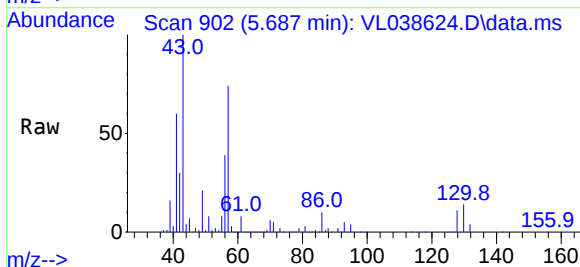
Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.0	12.0
61	10.5	8.2	12.4
70	6.9	5.4	8.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

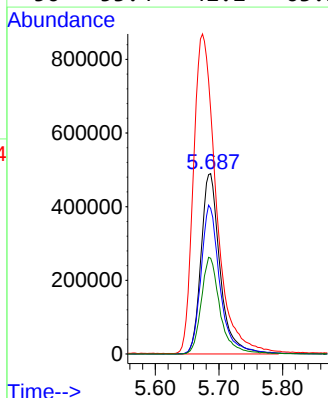
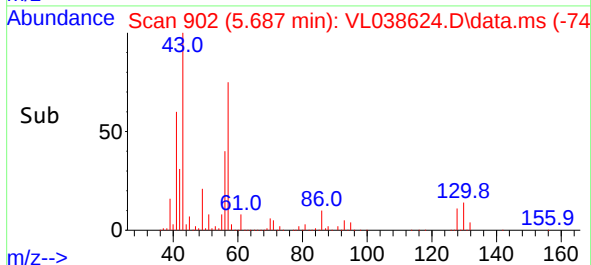


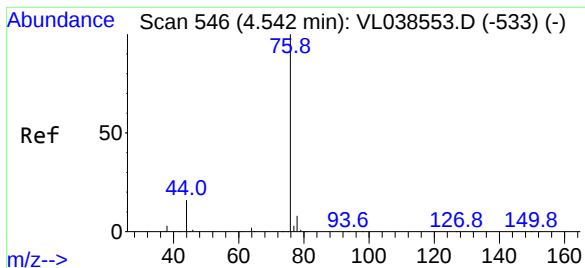
#26
Hexane
Concen: 10.032 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion: 57 Resp: 1013224

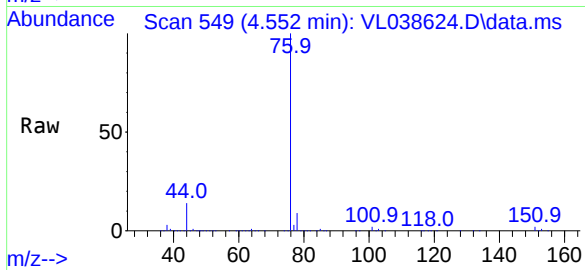
Ion	Ratio	Lower	Upper
57	100		
41	83.0	67.8	101.6
43	214.1	173.6	260.4
56	53.4	42.2	63.2





#27
Carbon Disulfide
Concen: 10.867 ppbv
RT: 4.552 min Scan# 546
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

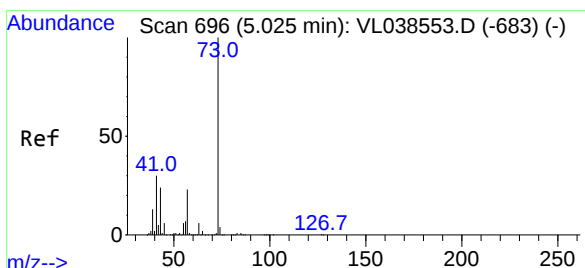
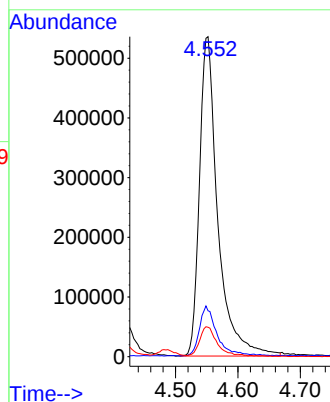
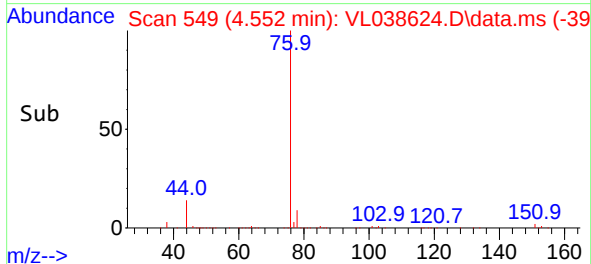
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 109305
Ion Ratio Lower Upper
76 100
44 15.3 12.9 19.3
78 9.3 7.8 11.6

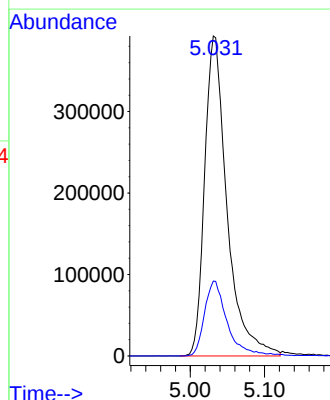
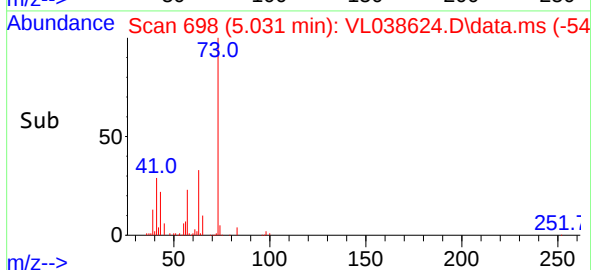
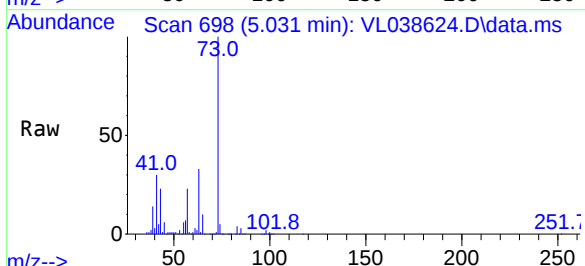
Manual Integrations
APPROVED

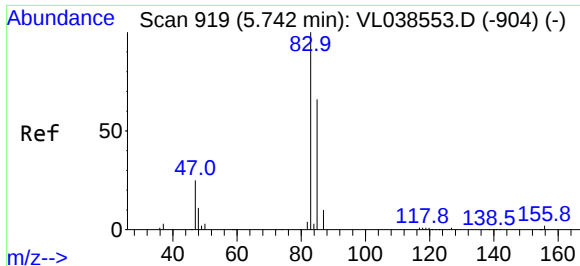
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#28
Methyl tert-Butyl Ether
Concen: 9.999 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

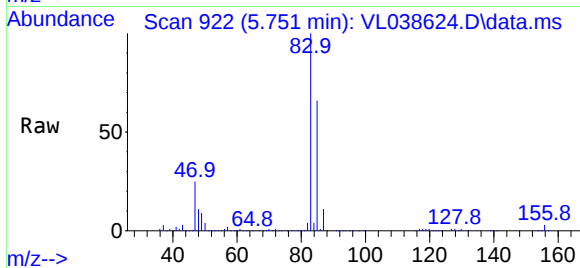
Tgt Ion: 73 Resp: 821899
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2





#29
Chloroform
Concen: 9.998 ppbv
RT: 5.751 min Scan# 919
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

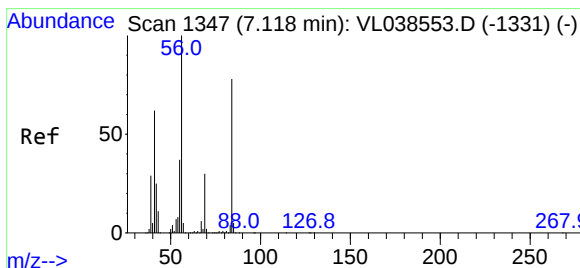
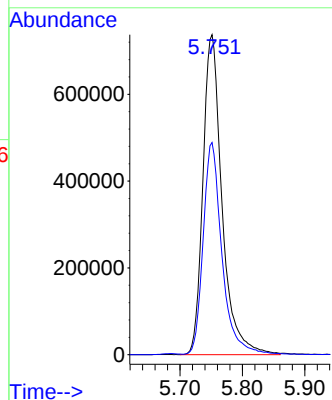
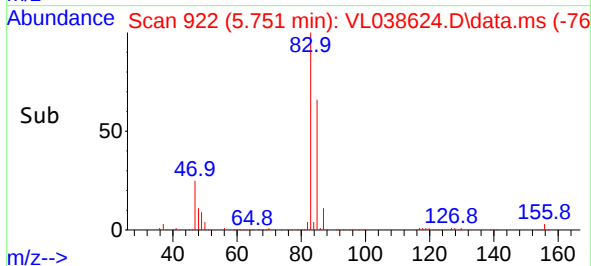
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 1571344
Ion Ratio Lower Upper
83 100
85 66.1 52.8 79.2

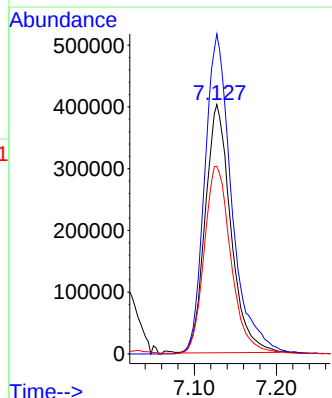
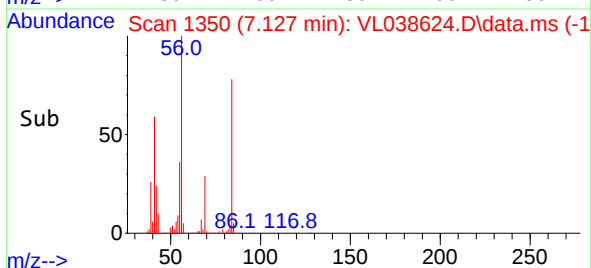
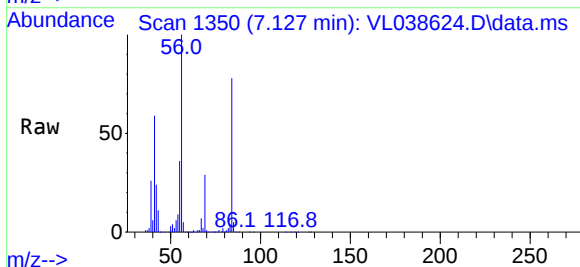
Manual Integrations
APPROVED

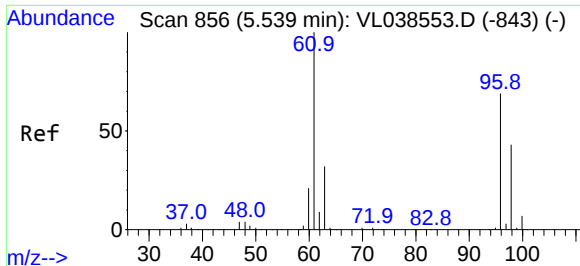
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#30
Cyclohexane
Concen: 9.932 ppbv
RT: 7.127 min Scan# 1350
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 84 Resp: 867463
Ion Ratio Lower Upper
84 100
56 137.3 111.4 167.0
41 79.9 65.5 98.3





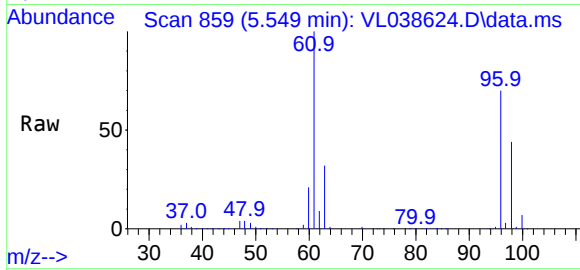
#31
cis-1,2-Dichloroethene
Concen: 9.999 ppbv
RT: 5.549 min Scan# 81
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

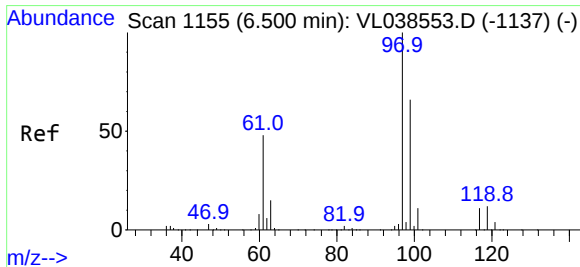
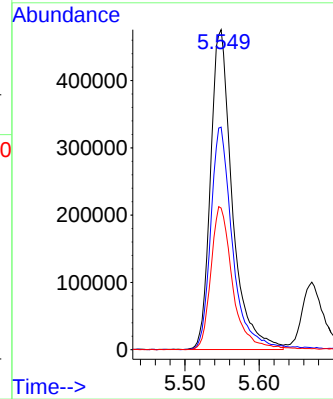
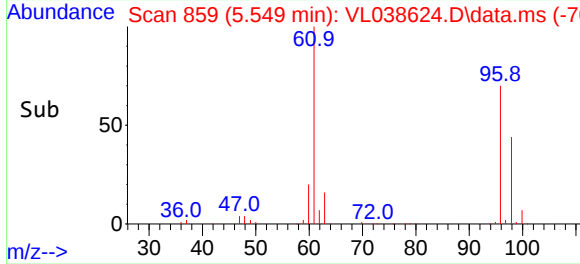
VSTDCCC010



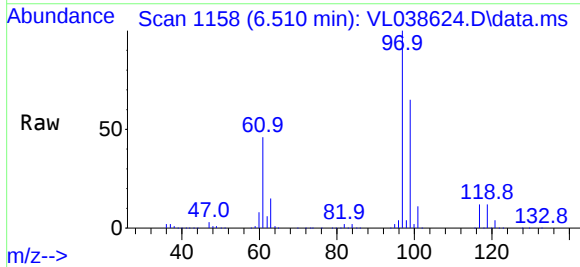
Tgt Ion: 61 Resp: 965970
Ion Ratio Lower Upper
61 100
96 69.5 55.2 82.8
98 44.2 34.2 51.4

Manual Integrations
APPROVED

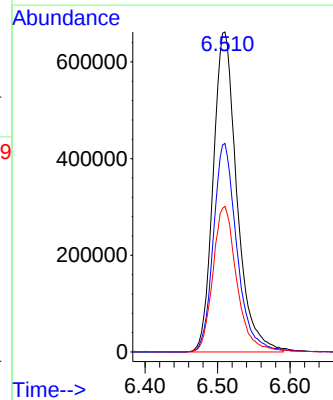
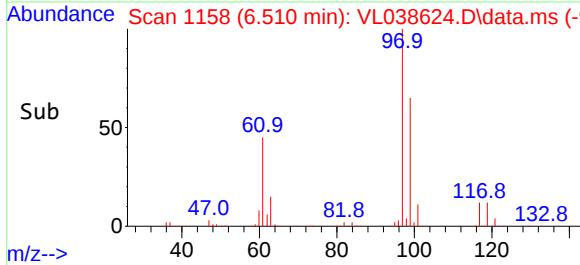
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

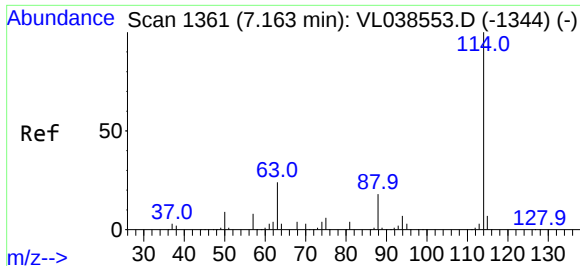


#32
1,1,1-Trichloroethane
Concen: 9.862 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion: 97 Resp: 1503189
Ion Ratio Lower Upper
97 100
99 64.9 52.1 78.1
61 46.2 37.7 56.5





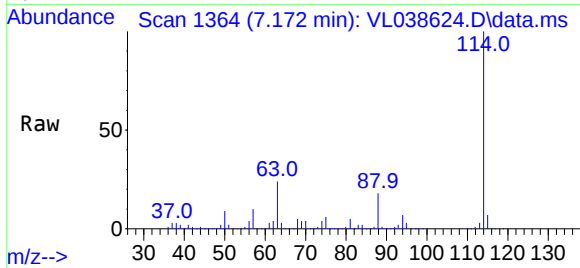
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

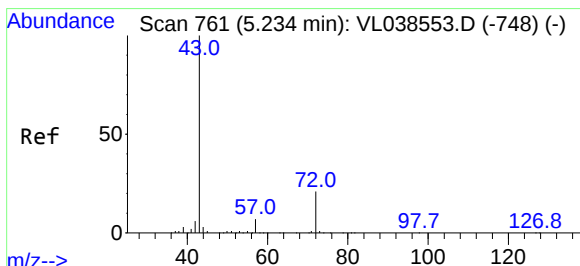
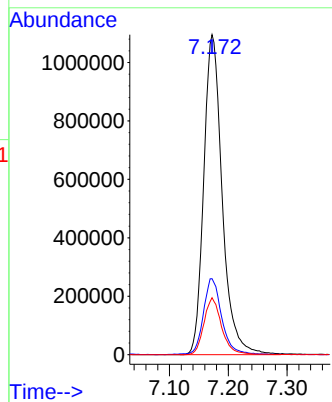
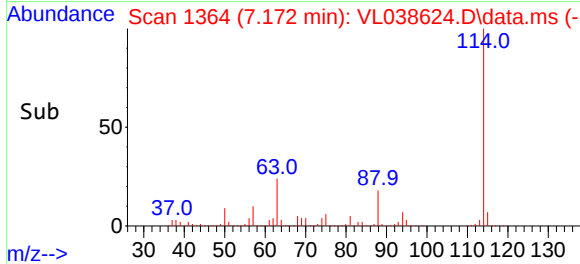


Tgt Ion:114 Resp: 2389934
Ion Ratio Lower Upper
114 100
63 23.9 19.6 29.4
88 17.1 13.9 20.9

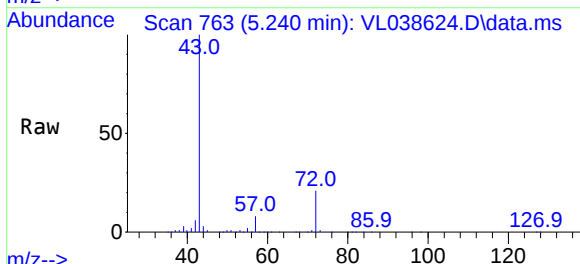
Manual Integrations

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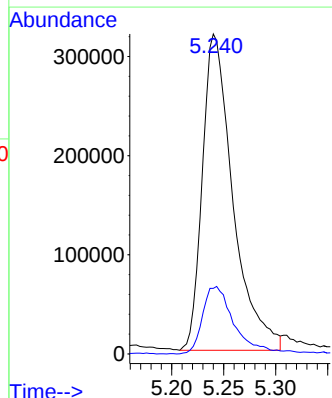
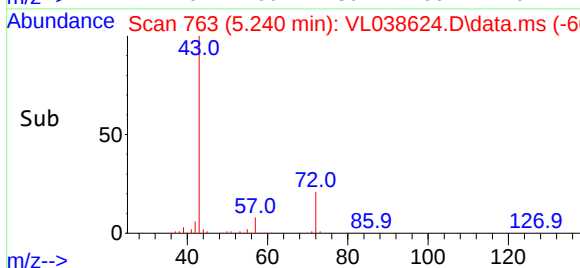
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

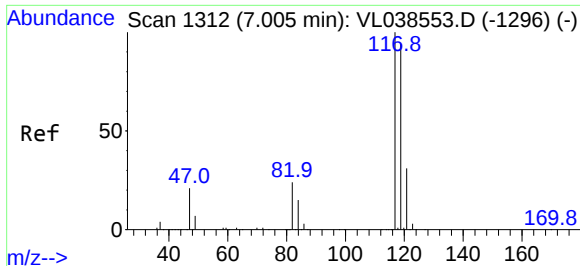


#34
2-Butanone
Concen: 10.541 ppbv
RT: 5.240 min Scan# 763
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



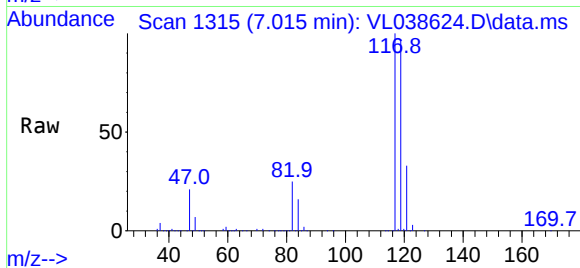
Tgt Ion: 43 Resp: 652977
Ion Ratio Lower Upper
43 100
72 23.3 17.8 26.6





#35
Carbon Tetrachloride
Concen: 9.710 ppbv
RT: 7.015 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

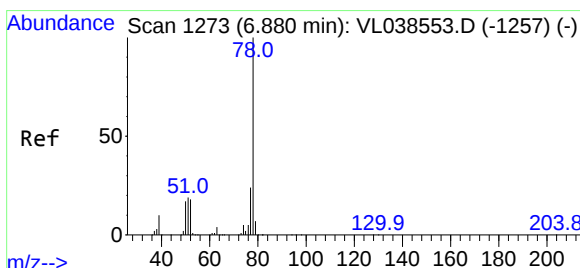
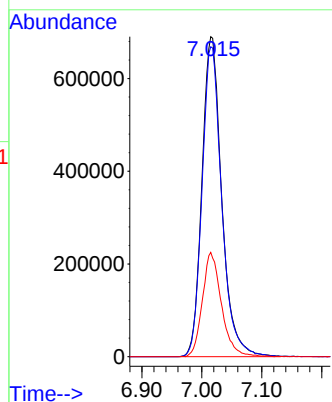
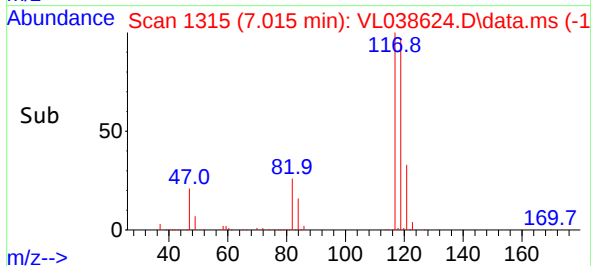
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



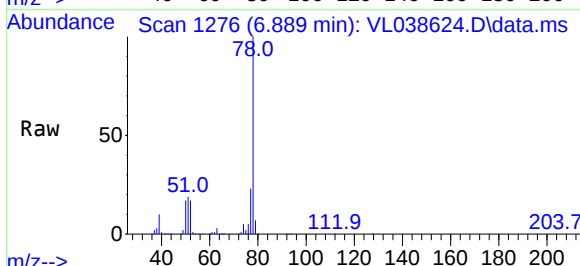
Tgt Ion: 117 Resp: 158280
Ion Ratio Lower Upper
117 100
119 96.8 75.2 112.8
121 32.6 24.8 37.2

Manual Integrations
APPROVED

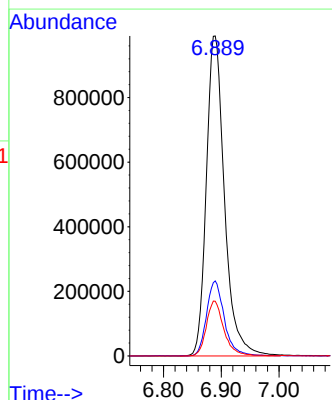
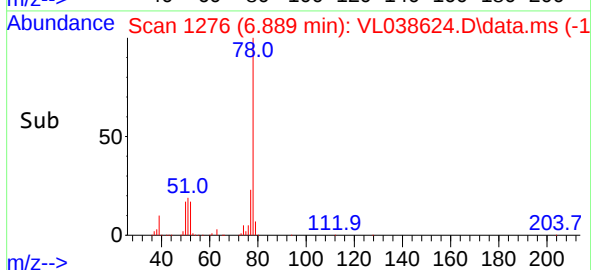
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

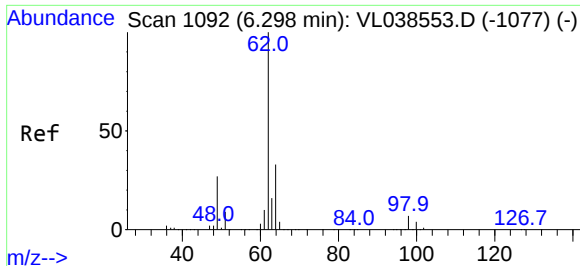


#36
Benzene
Concen: 10.038 ppbv
RT: 6.889 min Scan# 1276
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion: 78 Resp: 2164866
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4
50 17.1 13.9 20.9





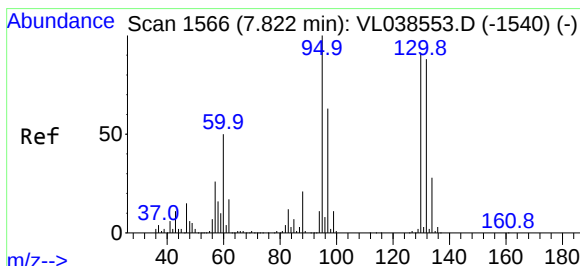
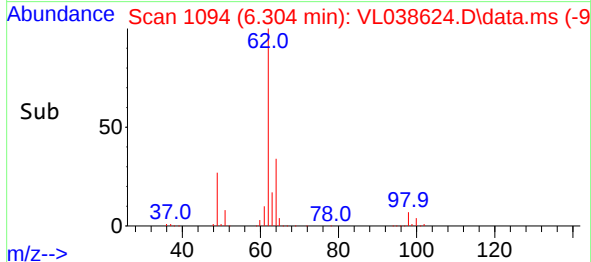
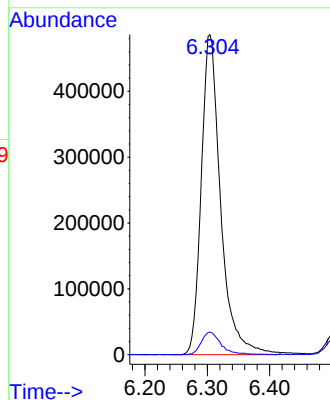
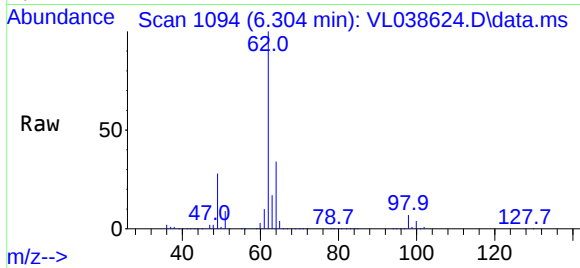
#37
1,2-Dichloroethane
Concen: 10.169 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 104801
Ion Ratio Lower Upper
62 100
98 7.4 5.7 8.5

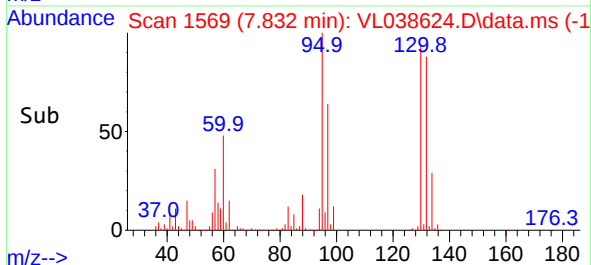
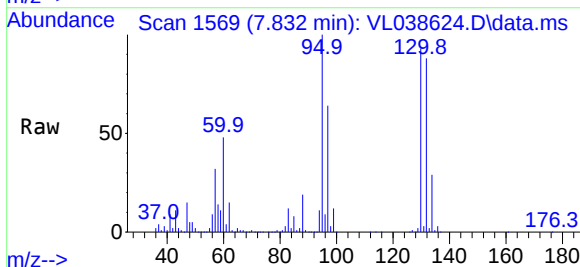
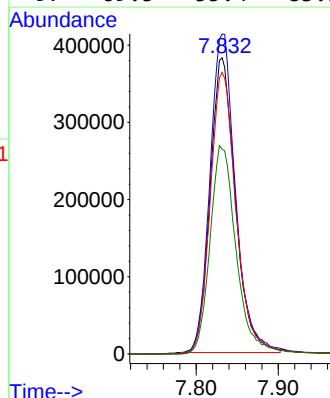
Manual Integrations
APPROVED

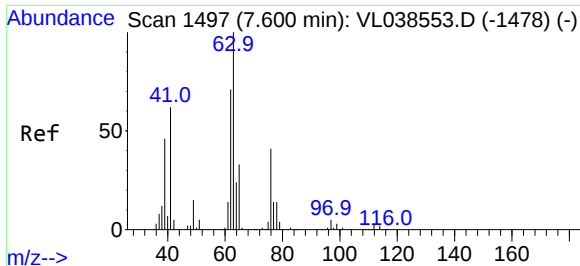
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#38
Trichloroethene
Concen: 9.474 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

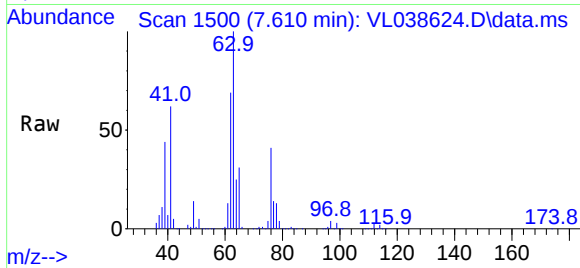
Tgt Ion:130 Resp: 816201
Ion Ratio Lower Upper
130 100
95 108.5 87.8 131.8
132 95.4 77.5 116.3
97 69.5 55.4 83.2





#39
1,2-Dichloropropane
Concen: 10.110 ppbv
RT: 7.610 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

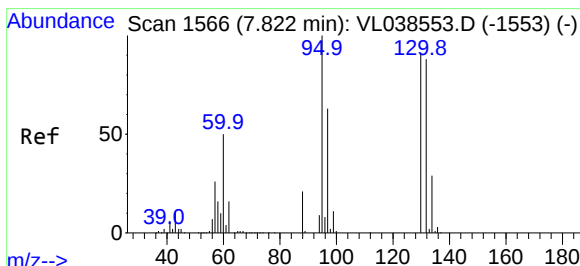
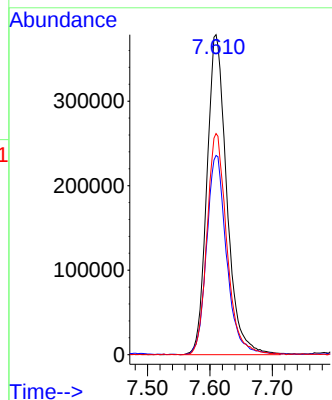
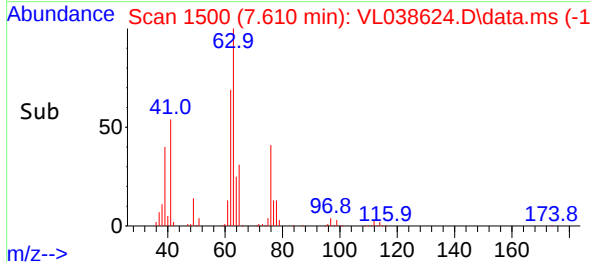
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



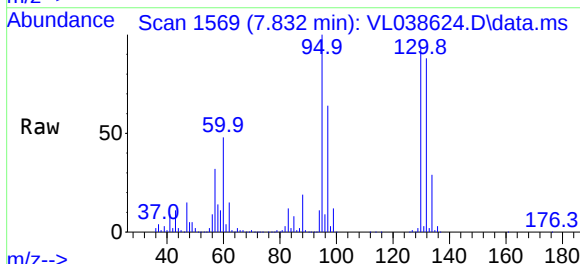
Tgt Ion: 63 Resp: 838534
Ion Ratio Lower Upper
63 100
41 62.2 49.8 74.6
62 69.1 56.7 85.1

Manual Integrations
APPROVED

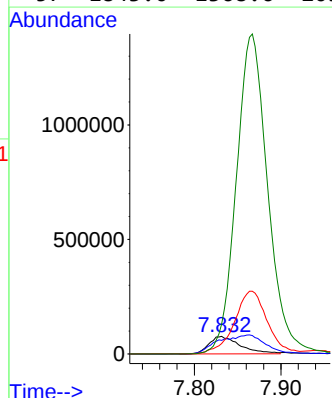
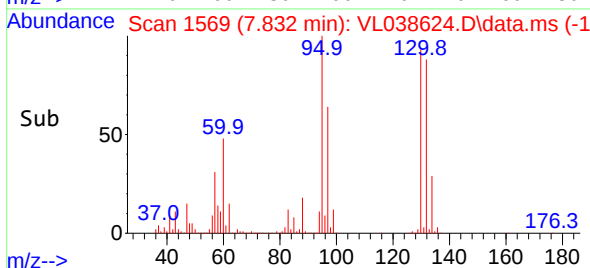
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

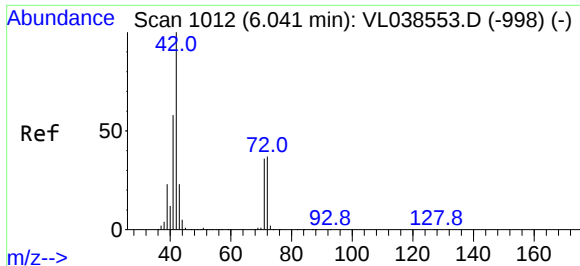


#40
1,4-Dioxane
Concen: 9.255 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion: 88 Resp: 192110
Ion Ratio Lower Upper
88 100
58 166.1 126.7 190.1
43 377.2 303.0 454.6
57 1843.0 1368.6 2053.0





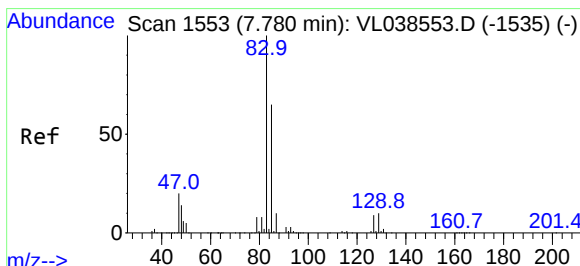
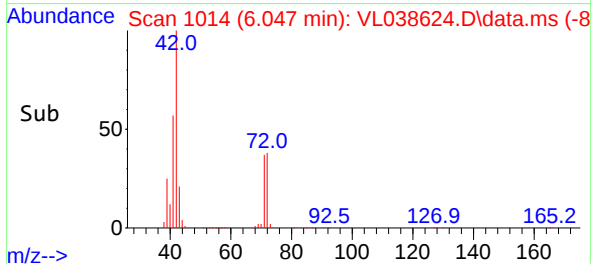
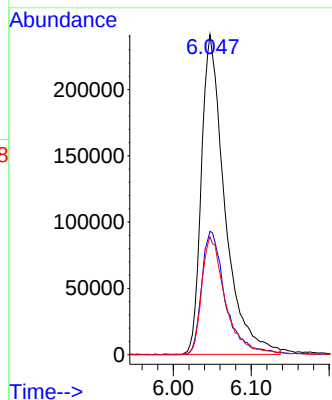
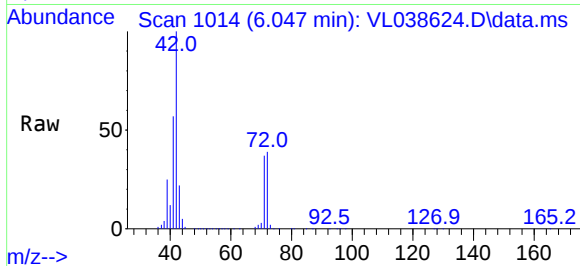
#41
Tetrahydrofuran
Concen: 9.932 ppbv
RT: 6.047 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 42 Resp: 503379
Ion Ratio Lower Upper
42 100
72 39.8 30.9 46.3
71 37.7 29.1 43.7

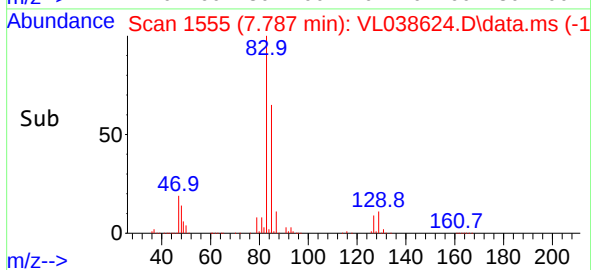
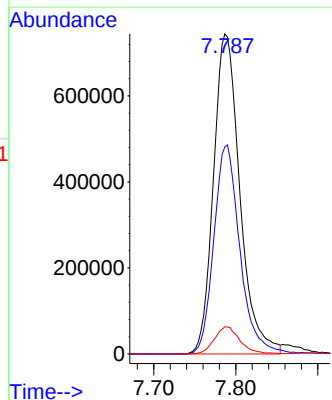
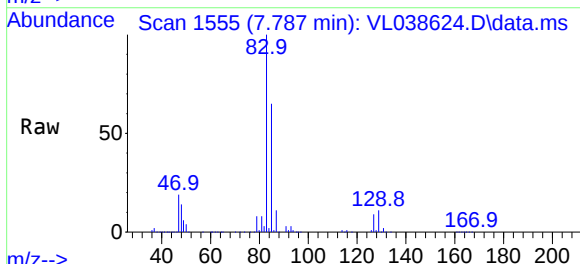
Manual Integrations
APPROVED

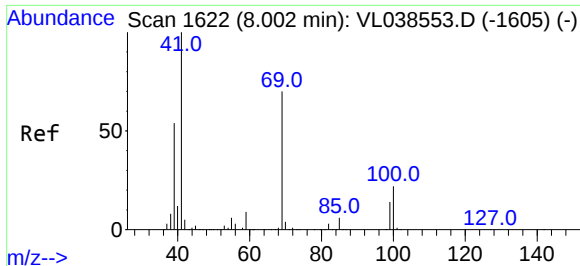
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#42
Bromodichloromethane
Concen: 10.204 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

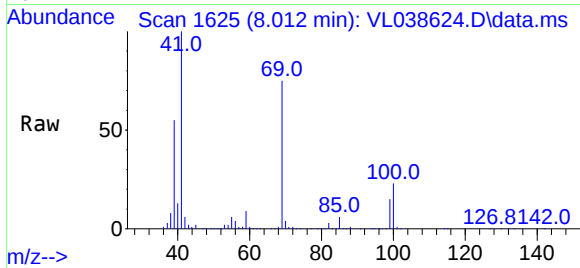
Tgt Ion: 83 Resp: 1667592
Ion Ratio Lower Upper
83 100
85 64.7 51.7 77.5
127 8.5 6.9 10.3





#43
Methyl Methacrylate
Concen: 10.530 ppbv
RT: 8.012 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

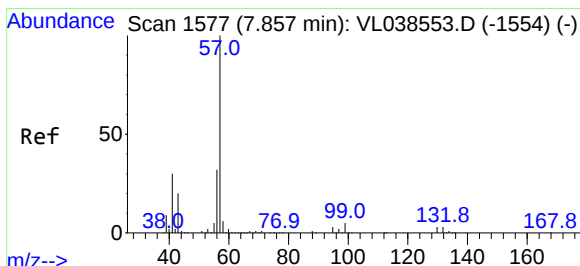
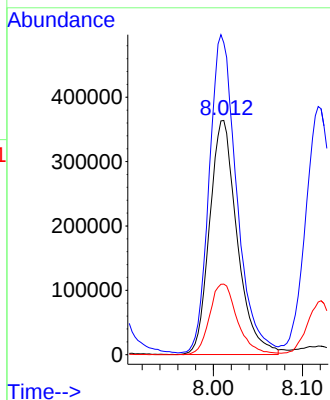
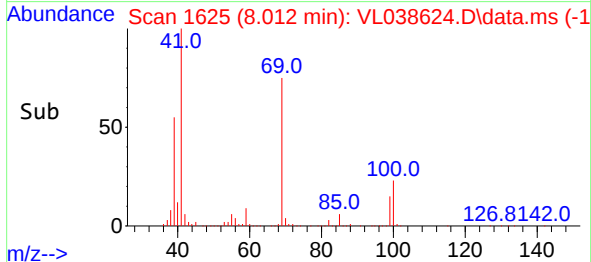
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



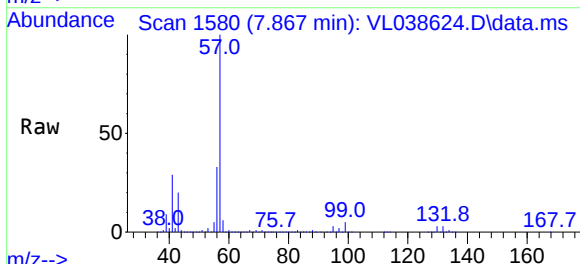
Tgt Ion: 69 Resp: 77952
Ion Ratio Lower Upper
69 100
41 136.5 113.8 170.6
100 30.5 24.4 36.6

Manual Integrations
APPROVED

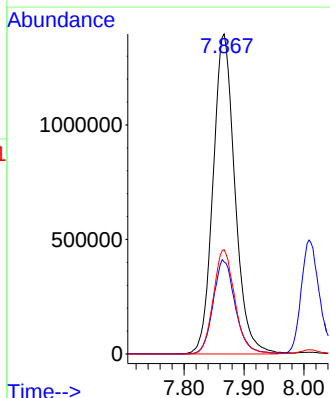
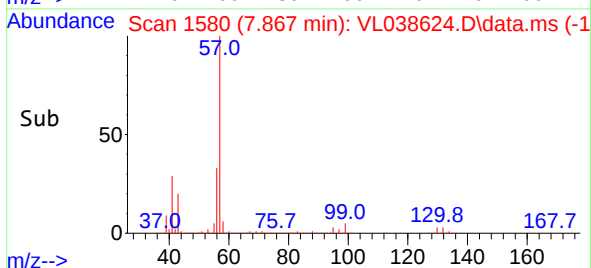
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

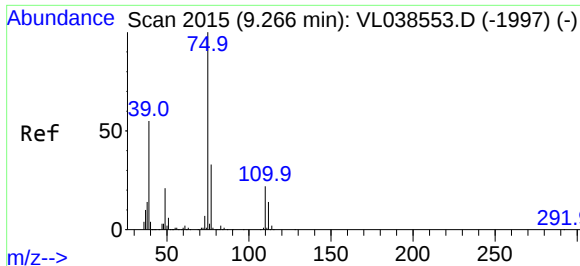


#44
2,2,4-Trimethylpentane
Concen: 9.690 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



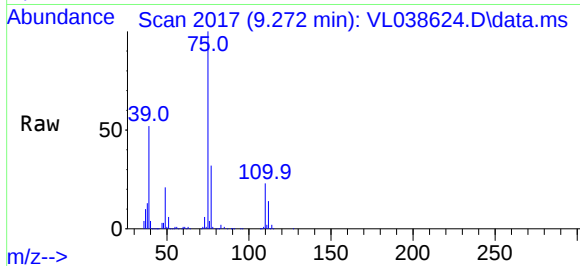
Tgt Ion: 57 Resp: 3533329
Ion Ratio Lower Upper
57 100
41 29.5 24.0 36.0
56 32.1 25.6 38.4





#45
t-1,3-Dichloropropene
Concen: 11.791 ppbv
RT: 9.272 min Scan# 2015
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

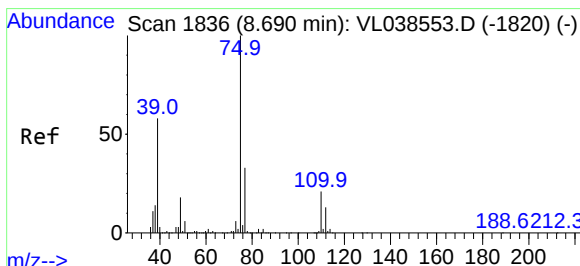
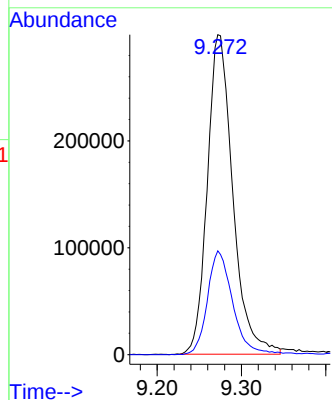
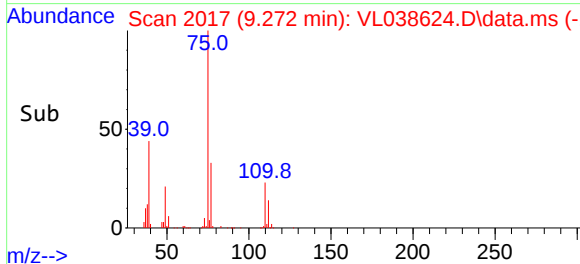
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



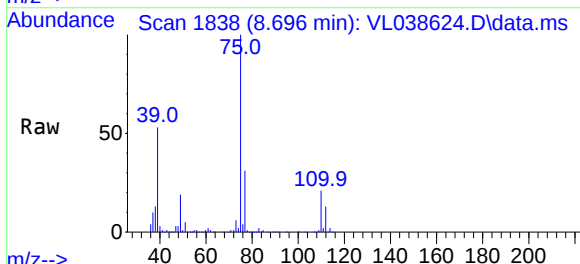
Tgt Ion: 75 Resp: 629049
Ion Ratio Lower Upper
75 100
77 32.5 26.6 40.0

Manual Integrations
APPROVED

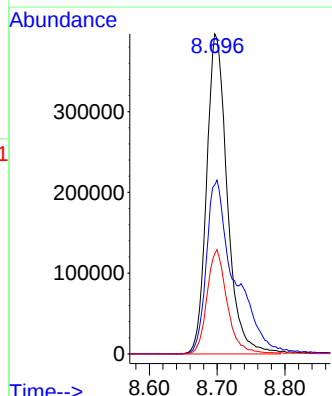
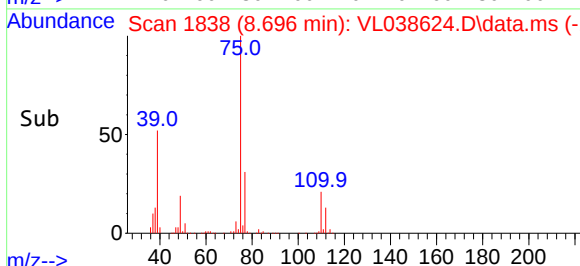
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

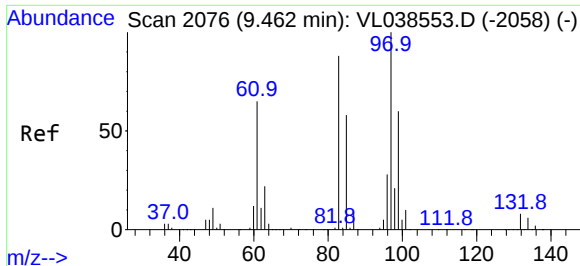


#46
cis-1,3-Dichloropropene
Concen: 11.480 ppbv
RT: 8.696 min Scan# 1838
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion: 75 Resp: 837491
Ion Ratio Lower Upper
75 100
39 52.8 46.2 69.2
77 31.3 26.2 39.2





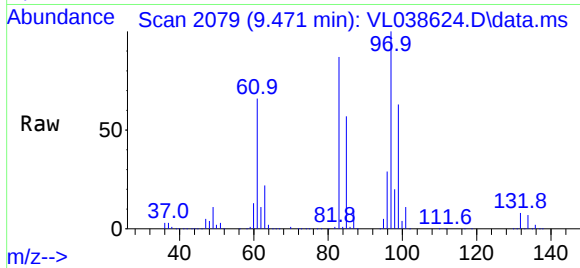
#47
1,1,2-Trichloroethane
Concen: 10.454 ppbv
RT: 9.471 min Scan# 2076
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

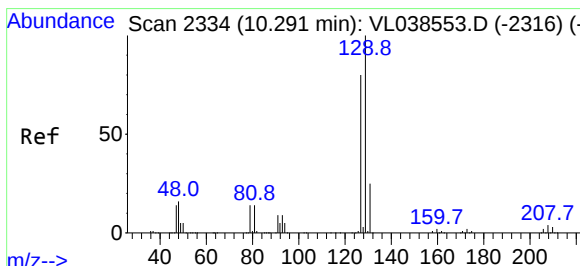
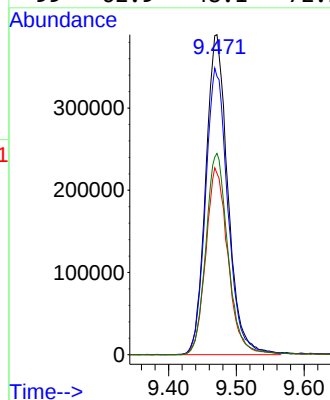
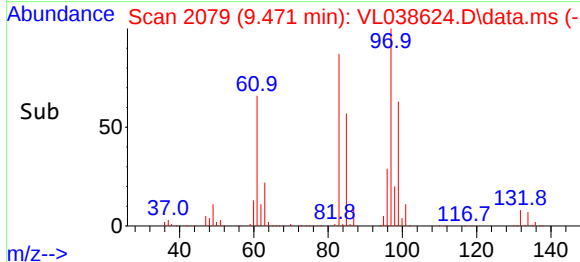


Tgt Ion: 97 Resp: 88366
Ion Ratio Lower Upper
97 100
83 86.8 70.1 105.1
85 56.6 46.6 69.8
99 62.9 48.1 72.1

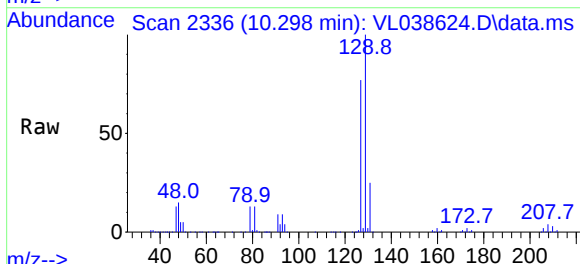
Manual Integrations

APPROVED

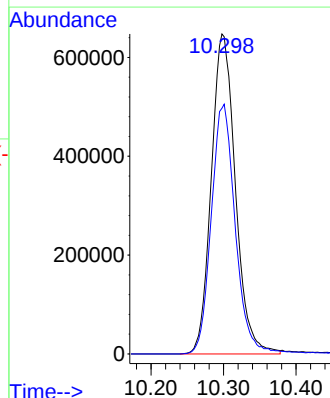
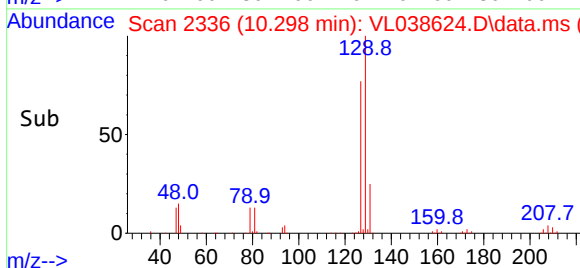
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

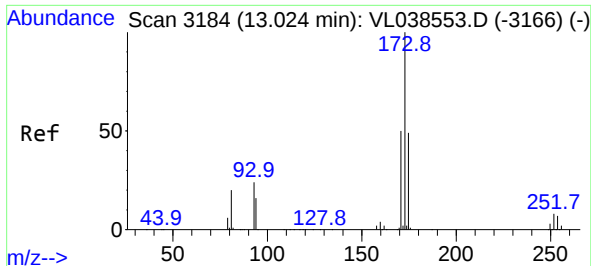


#48
Dibromochloromethane
Concen: 11.143 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



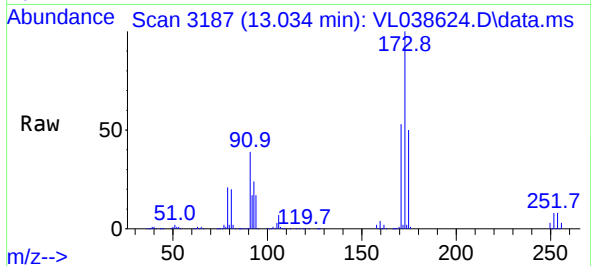
Tgt Ion:129 Resp: 1495681
Ion Ratio Lower Upper
129 100
127 78.3 39.5 118.3





#49
Bromoform
Concen: 12.001 ppbv
RT: 13.034 min Scan# 3184
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

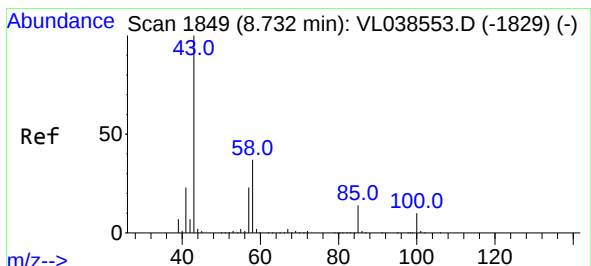
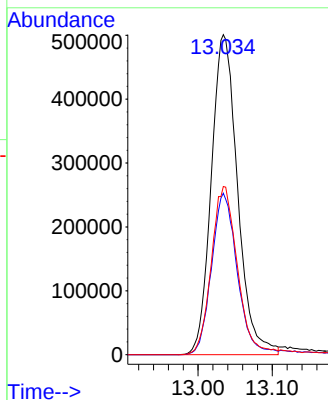
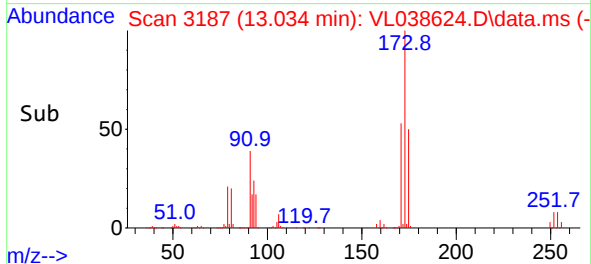
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



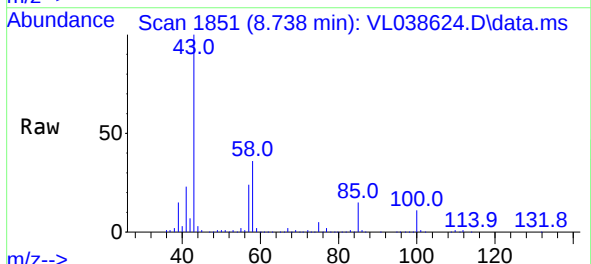
Tgt Ion:173 Resp: 1233804
Ion Ratio Lower Upper
173 100
175 51.4 40.7 61.1
171 54.3 42.9 64.3

Manual Integrations
APPROVED

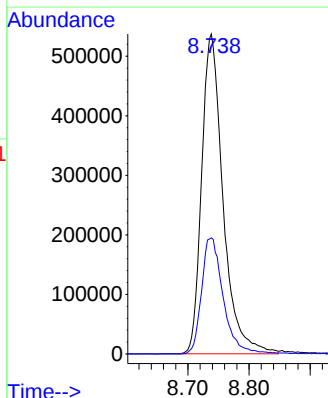
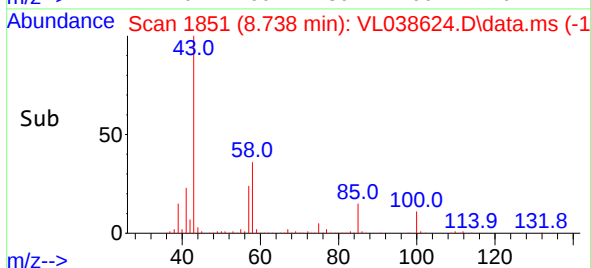
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

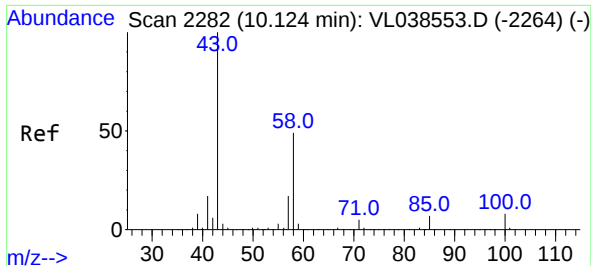


#50
4-Methyl-2-Pentanone
Concen: 10.270 ppbv
RT: 8.738 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



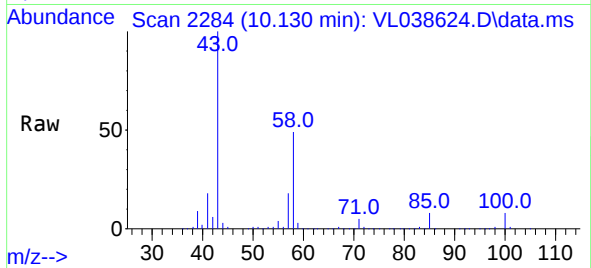
Tgt Ion: 43 Resp: 1304199
Ion Ratio Lower Upper
43 100
58 36.9 29.2 43.8





#51
2-Hexanone
Concen: 10.328 ppbv
RT: 10.130 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

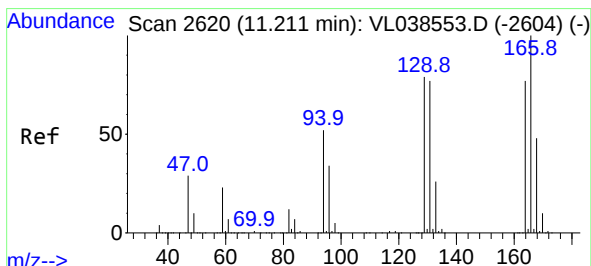
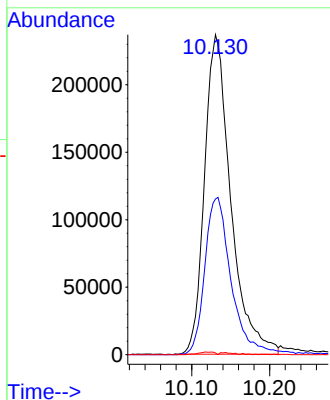
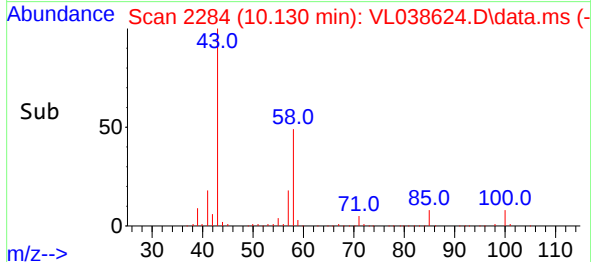
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



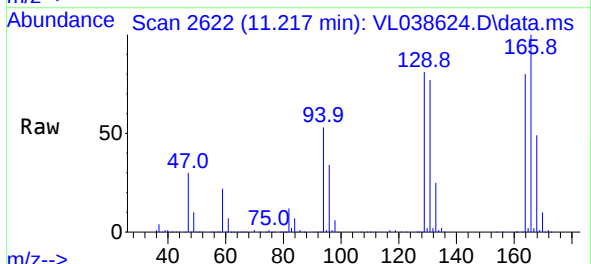
Tgt Ion: 43 Resp: 55422
Ion Ratio Lower Upper
43 100
58 50.3 40.1 60.1
98 0.9 0.4 0.6

Manual Integrations
APPROVED

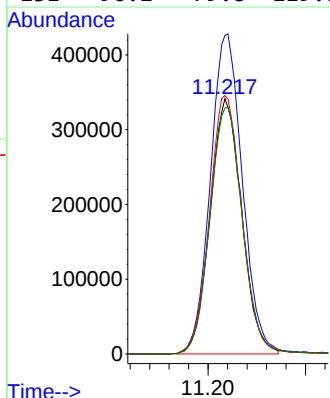
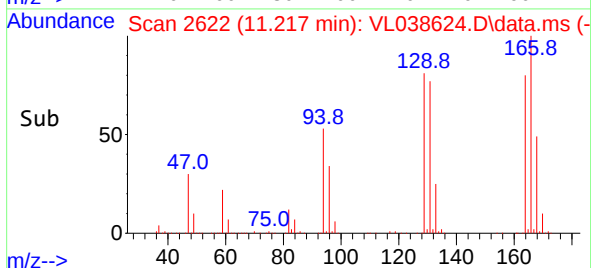
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

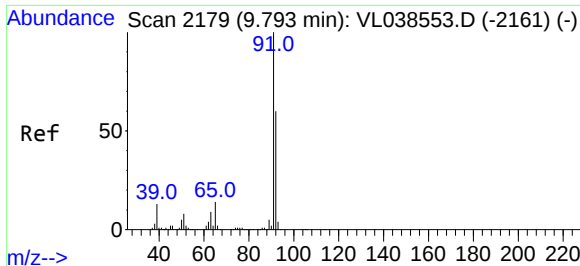


#52
Tetrachloroethene
Concen: 9.679 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion:164 Resp: 765111
Ion Ratio Lower Upper
164 100
166 124.5 103.4 155.2
129 100.9 81.3 121.9
131 96.2 79.8 119.8





#53

Toluene

Concen: 10.602 ppbv

RT: 9.799 min Scan# 2179

Delta R.T. 0.006 min

Lab File: VL038624.D

Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 244082

Ion Ratio Lower Upper

91 100

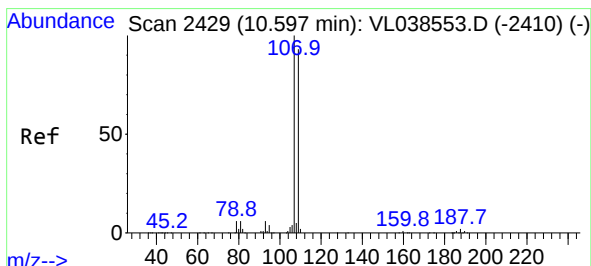
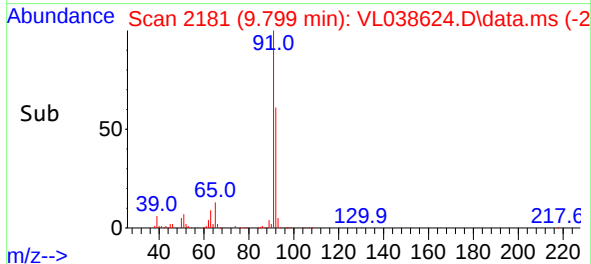
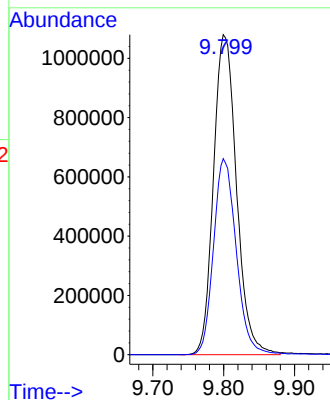
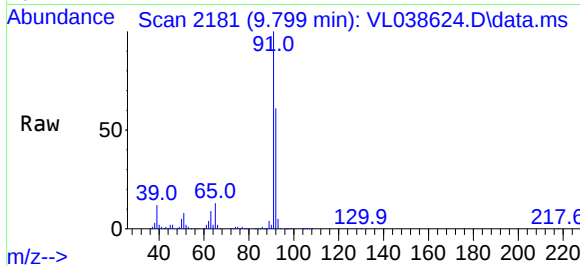
92 60.9 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#54

1,2-Dibromoethane

Concen: 10.506 ppbv

RT: 10.606 min Scan# 2432

Delta R.T. 0.010 min

Lab File: VL038624.D

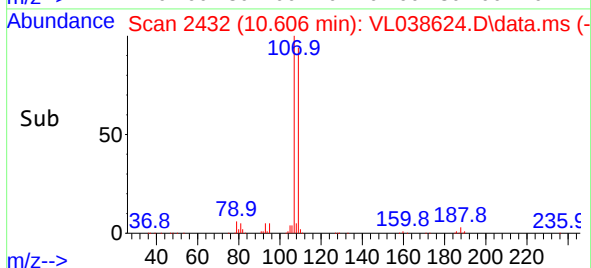
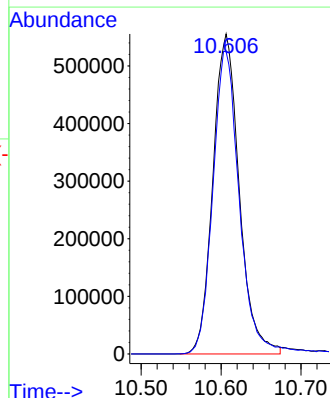
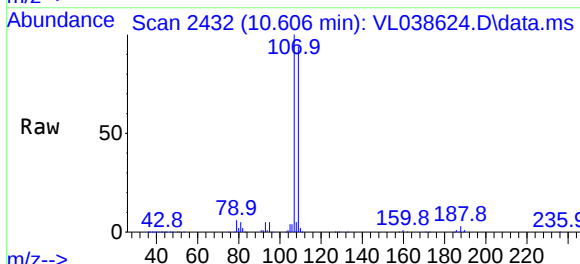
Acq: 17 Mar 2022 11:56

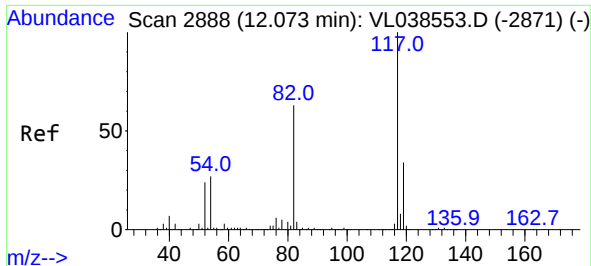
Tgt Ion:107 Resp: 1269037

Ion Ratio Lower Upper

107 100

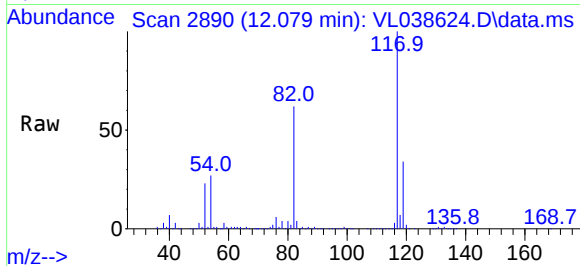
109 94.4 74.6 112.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.079 min Scan# 2888
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

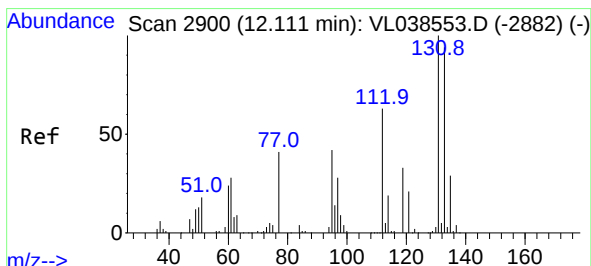
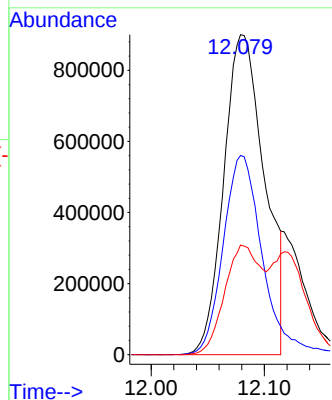
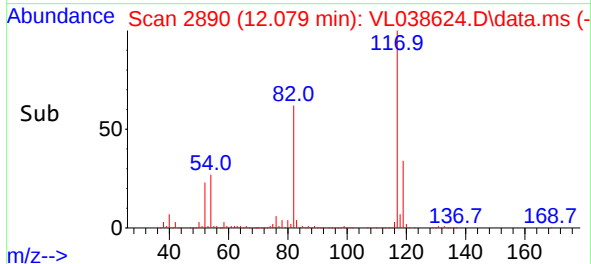
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



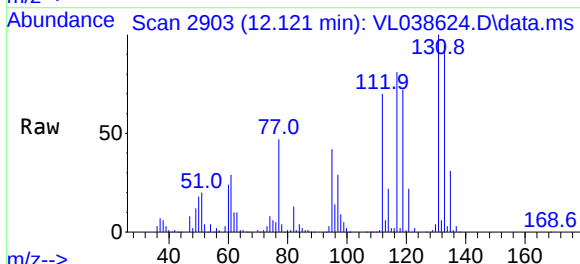
Tgt Ion:117 Resp: 225554
Ion Ratio Lower Upper
117 100
82 61.4 52.5 78.7
119 28.9 46.4 69.6

Manual Integrations
APPROVED

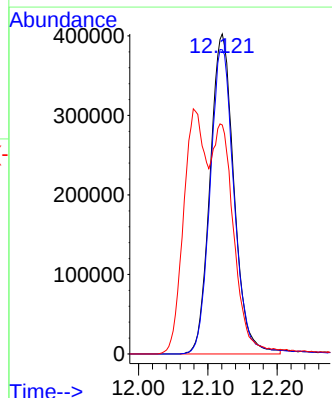
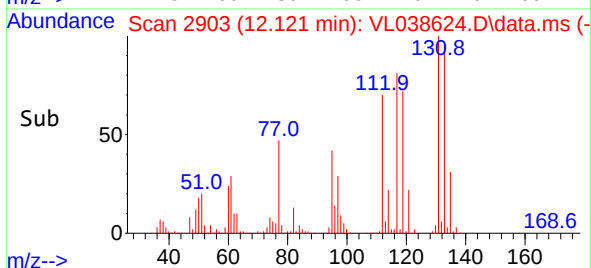
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



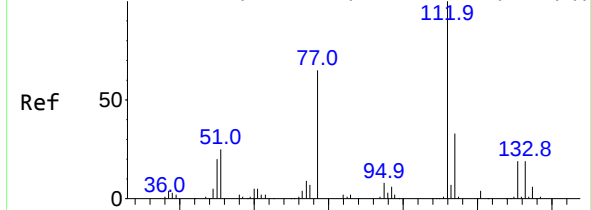
#56
1,1,1,2-Tetrachloroethane
Concen: 10.478 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion:131 Resp: 962670
Ion Ratio Lower Upper
131 100
133 97.5 78.0 117.0
119 71.8 53.1 79.7



Abundance Scan 2907 (12.134 min): VL038553.D (-2887) (-)



#57

Chlorobenzene

Concen: 10.268 ppbv

RT: 12.143 min Scan# 2907

Delta R.T. 0.010 min

Lab File: VL038624.D

Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 176819

Ion Ratio Lower Upper

112 100

77 62.7 52.5 78.7

114 32.8 30.0 36.6

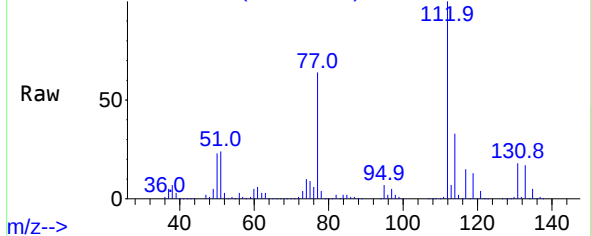
Manual Integrations

APPROVED

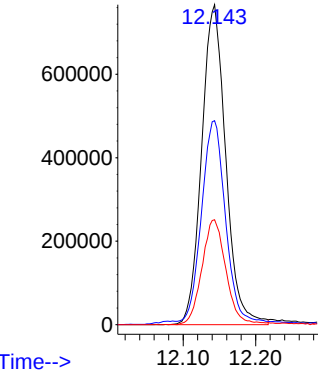
Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022

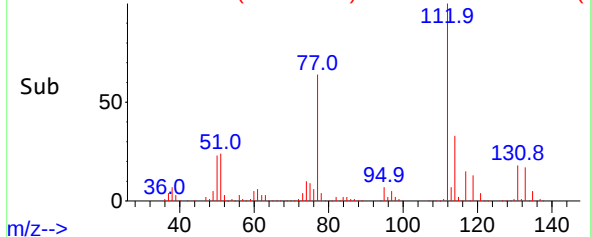
Abundance Scan 2910 (12.143 min): VL038624.D\data.ms



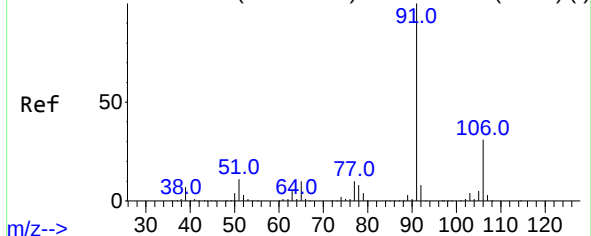
Abundance



Abundance Scan 2910 (12.143 min): VL038624.D\data.ms (-



Abundance Scan 3082 (12.696 min): VL038553.D (-3062) (-)



#58

Ethyl Benzene

Concen: 10.694 ppbv

RT: 12.703 min Scan# 3084

Delta R.T. 0.006 min

Lab File: VL038624.D

Acq: 17 Mar 2022 11:56

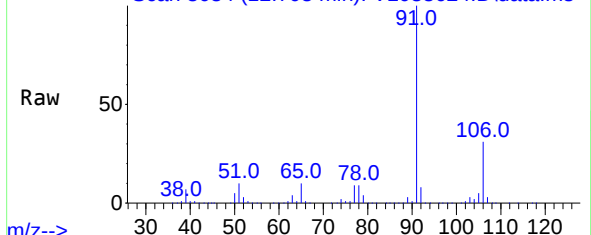
Tgt Ion: 91 Resp: 3123012

Ion Ratio Lower Upper

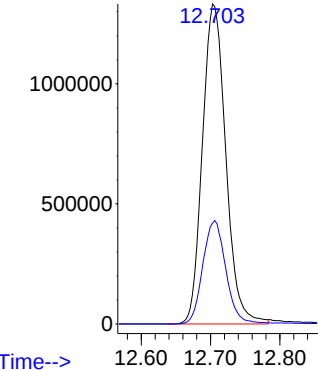
91 100

106 31.5 24.6 37.0

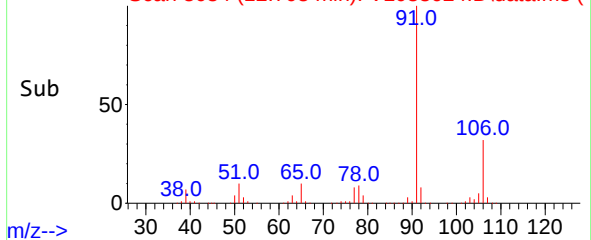
Abundance Scan 3084 (12.703 min): VL038624.D\data.ms

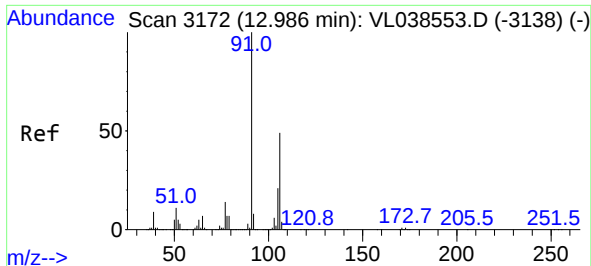


Abundance



Abundance Scan 3084 (12.703 min): VL038624.D\data.ms (-





#59

m/p-Xylene

Concen: 20.757 ppbv

RT: 12.992 min Scan# 3174

Delta R.T. 0.006 min

Lab File: VL038624.D

Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 5189610

Ion Ratio Lower Upper

91 100

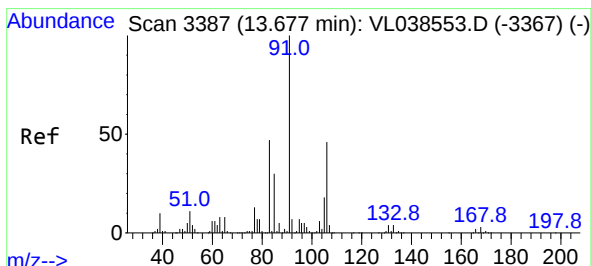
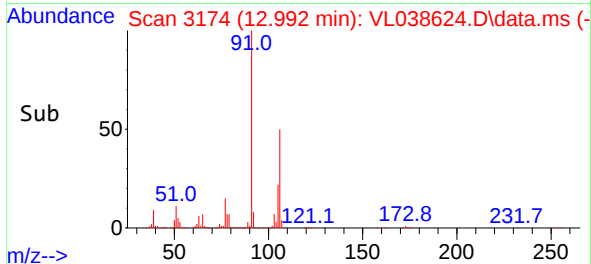
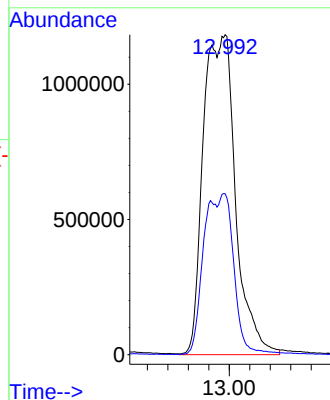
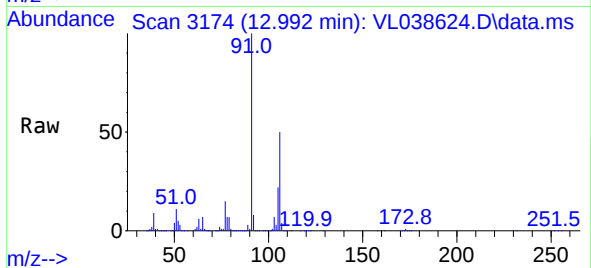
106 47.1 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022

Supervised By :Mahesh Dadoda 03/21/2022



#60

o-Xylene

Concen: 10.381 ppbv

RT: 13.687 min Scan# 3390

Delta R.T. 0.010 min

Lab File: VL038624.D

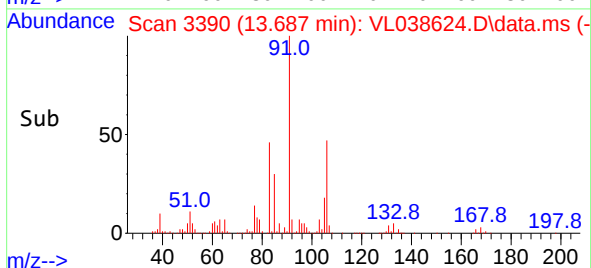
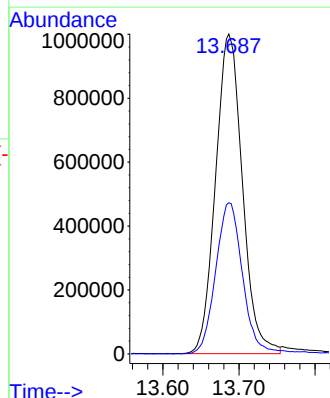
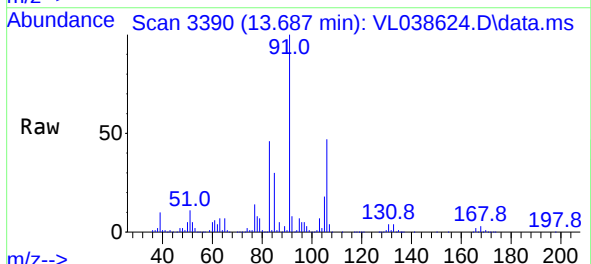
Acq: 17 Mar 2022 11:56

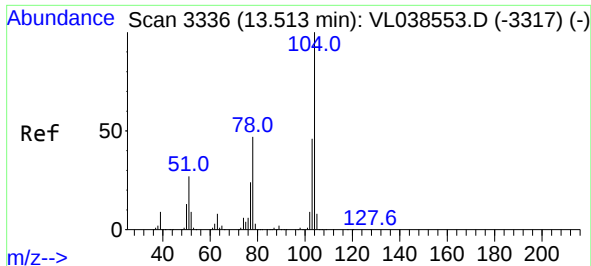
Tgt Ion: 91 Resp: 2450630

Ion Ratio Lower Upper

91 100

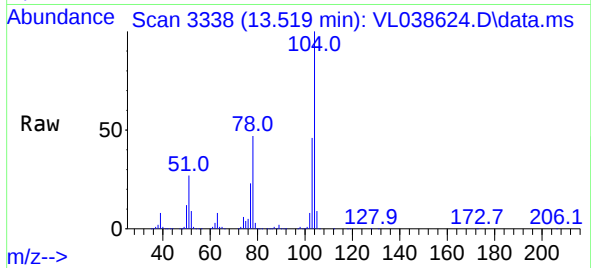
106 48.3 23.5 70.6





#61
Styrene
Concen: 11.590 ppbv
RT: 13.519 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

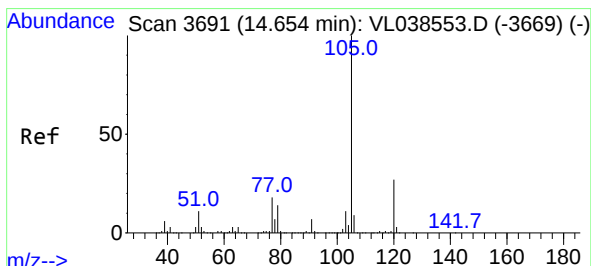
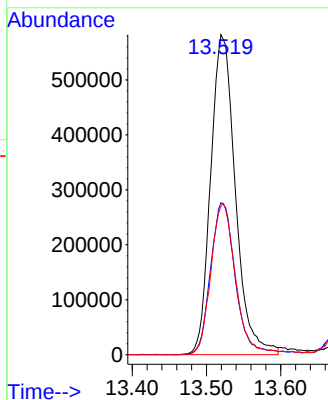
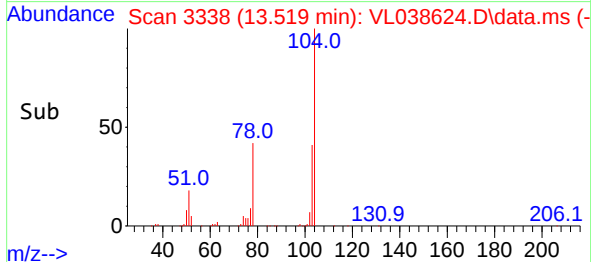
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



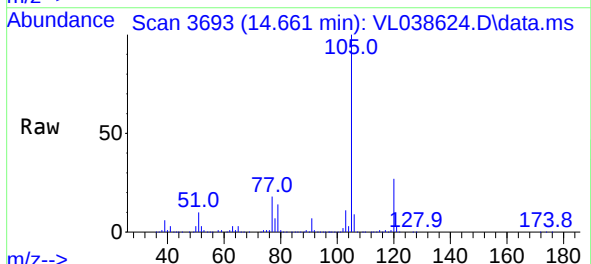
Tgt Ion:104 Resp: 1348272
Ion Ratio Lower Upper
104 100
78 48.2 39.0 58.4
103 47.7 38.0 57.0

Manual Integrations
APPROVED

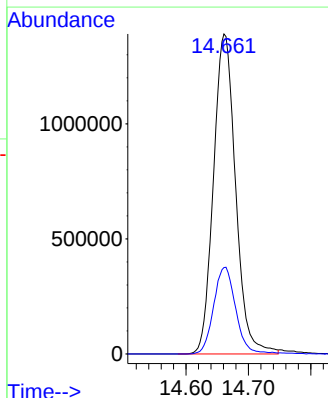
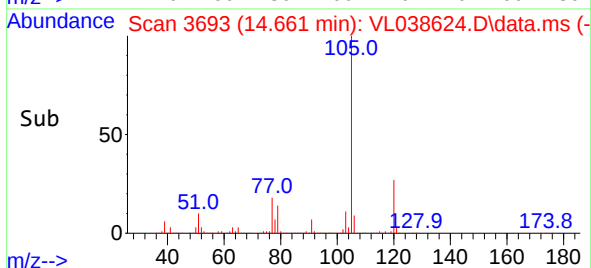
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

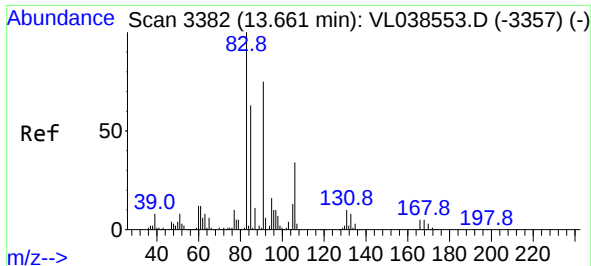


#62
Isopropylbenzene
Concen: 10.525 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



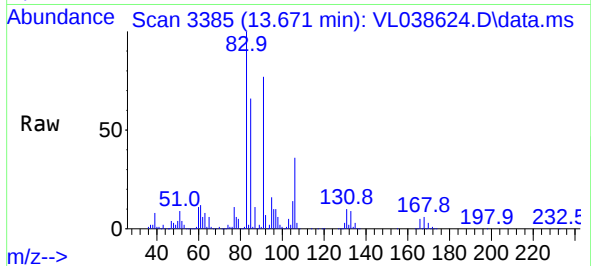
Tgt Ion:105 Resp: 3428469
Ion Ratio Lower Upper
105 100
120 27.2 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.501 ppbv
RT: 13.671 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

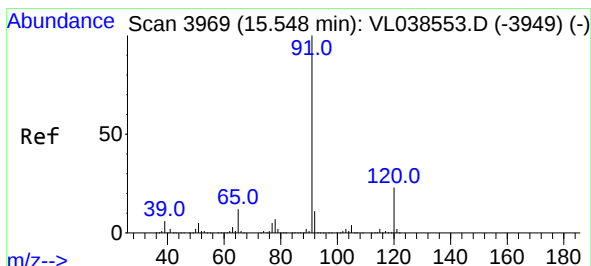
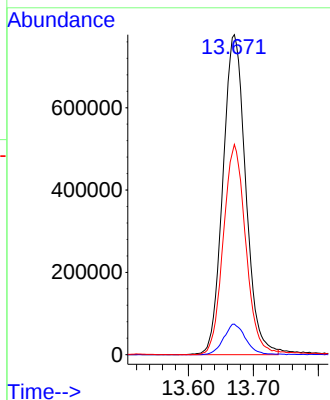
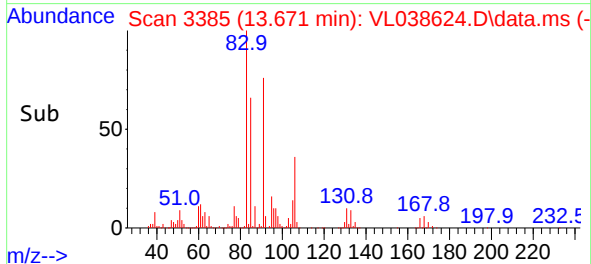
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



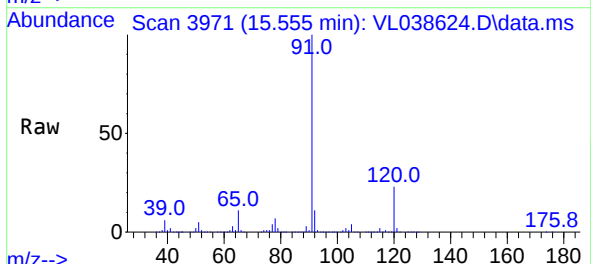
Tgt Ion: 83 Resp: 189514
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.1
85 65.7 32.6 98.0

Manual Integrations
APPROVED

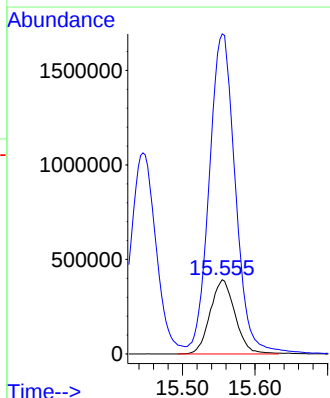
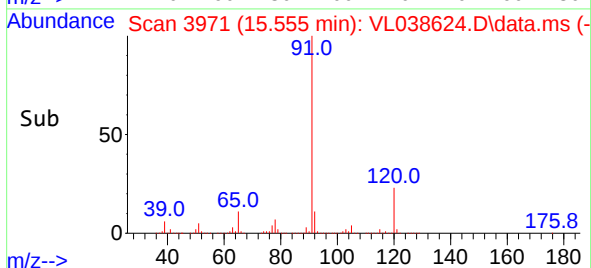
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

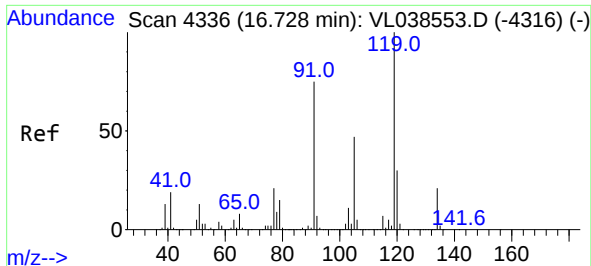


#64
n-propylbenzene
Concen: 11.254 ppbv
RT: 15.555 min Scan# 3971
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



Tgt Ion:120 Resp: 934279
Ion Ratio Lower Upper
120 100
91 455.8 374.2 561.2





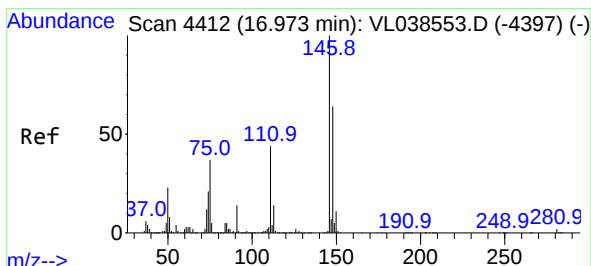
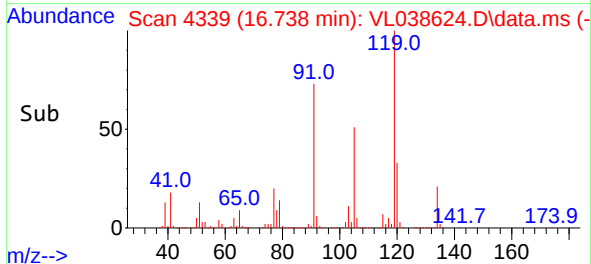
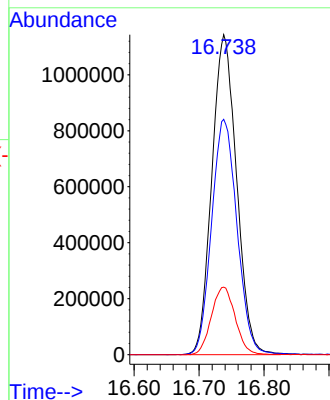
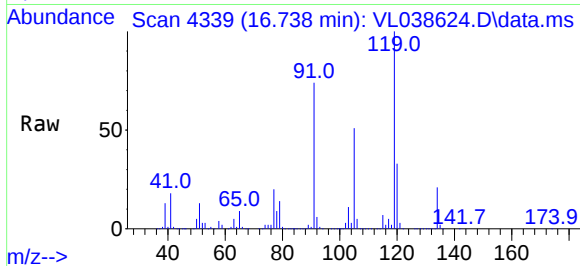
#65
tert-Butylbenzene
Concen: 10.362 ppbv
RT: 16.738 min Scan# 411
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 301852
Ion Ratio Lower Upper
119 100
91 75.8 61.2 91.8
134 20.4 16.2 24.2

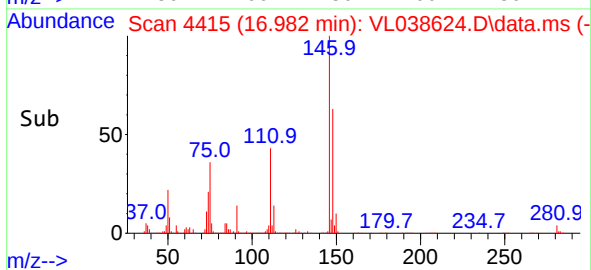
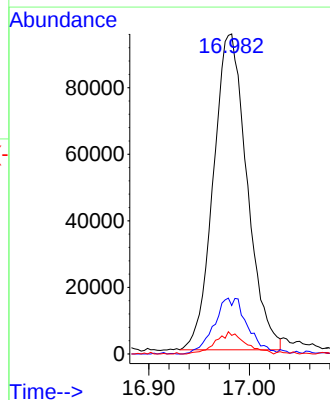
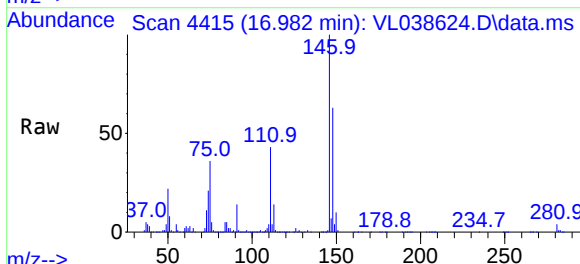
Manual Integrations
APPROVED

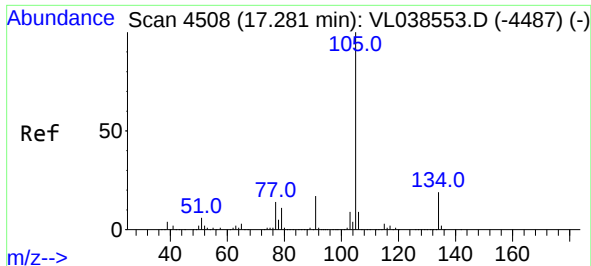
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#66
Benzyl Chloride
Concen: 12.766 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 91 Resp: 220355
Ion Ratio Lower Upper
91 100
126 18.0 14.1 21.1
128 6.5 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 10.380 ppbv
 RT: 17.288 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

Instrument :

MSVOA_L

ClientSampleId :

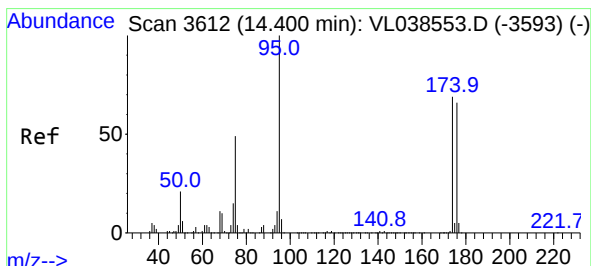
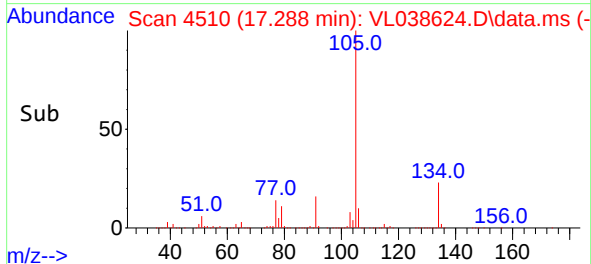
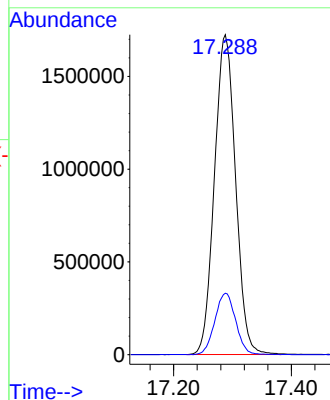
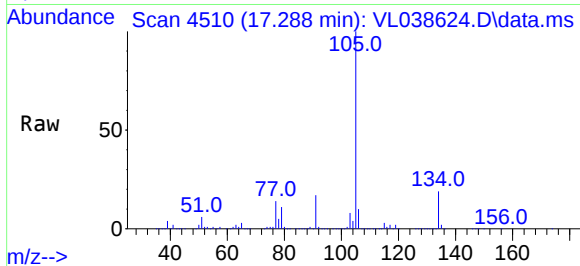
VSTDCCC010

Tgt Ion:105 Resp: 429770
 Ion Ratio Lower Upper
 105 100
 134 19.0 15.0 22.6

Manual Integrations

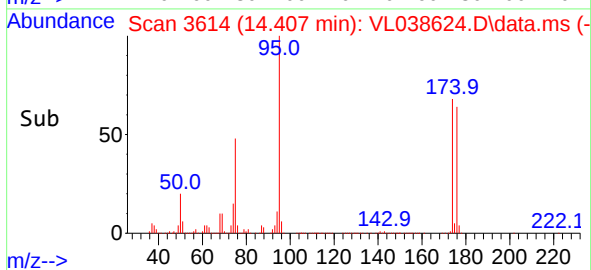
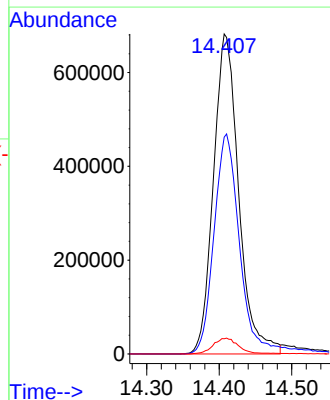
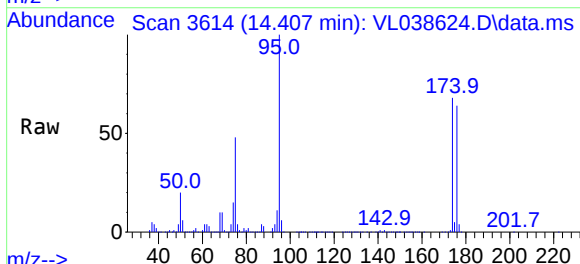
APPROVED

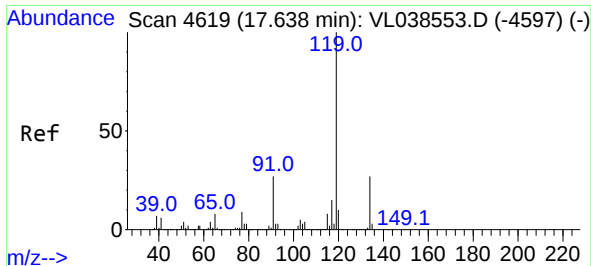
Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.629 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. 0.006 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

Tgt Ion: 95 Resp: 1651266
 Ion Ratio Lower Upper
 95 100
 174 71.3 56.2 84.4
 175 5.2 4.2 6.2





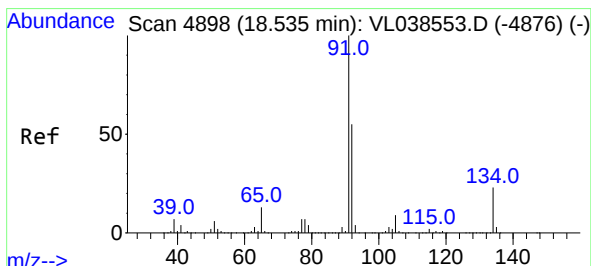
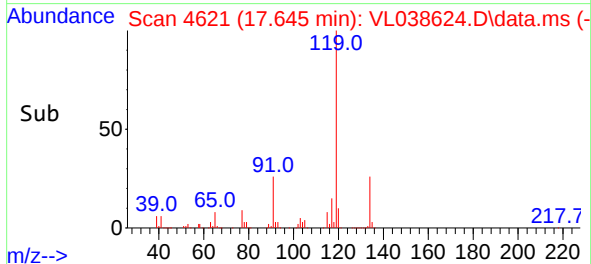
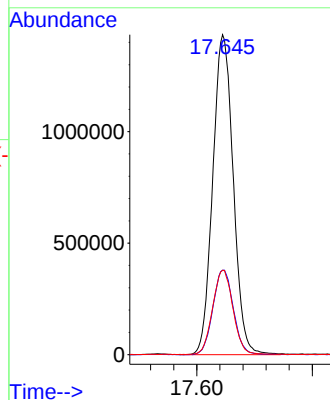
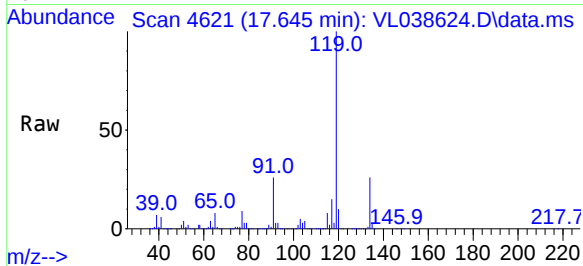
#69
p-Isopropyltoluene
Concen: 10.292 ppbv
RT: 17.645 min Scan# 40
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:119 Resp: 352992
Ion Ratio Lower Upper
119 100
134 26.5 20.9 31.3
91 26.2 21.1 31.7

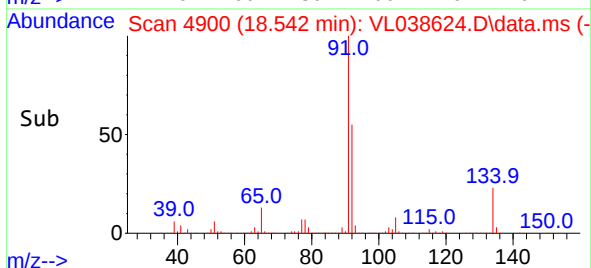
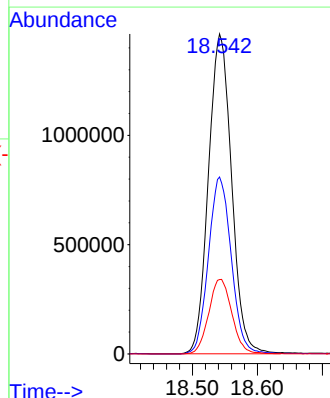
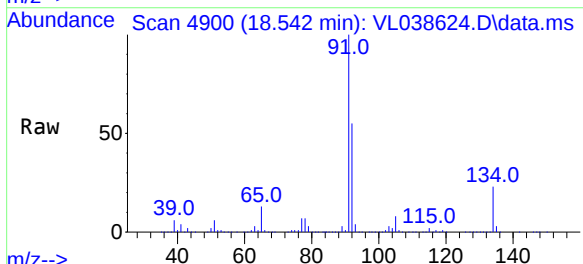
Manual Integrations
APPROVED

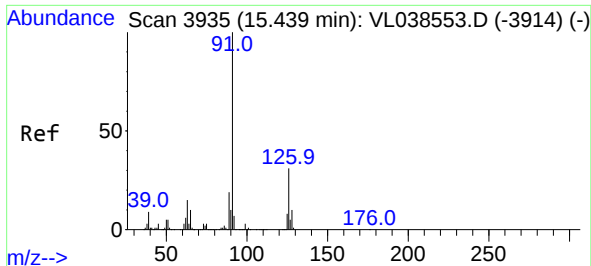
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#70
n-Butylbenzene
Concen: 9.906 ppbv
RT: 18.542 min Scan# 4900
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion: 91 Resp: 3618673
Ion Ratio Lower Upper
91 100
92 55.1 43.8 65.8
134 23.5 18.7 28.1





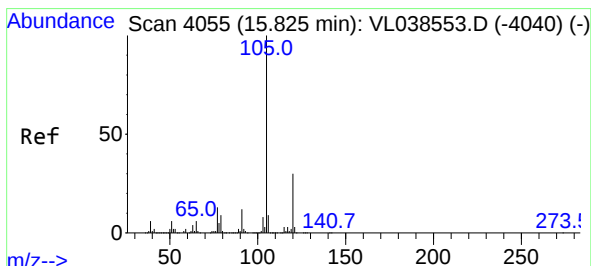
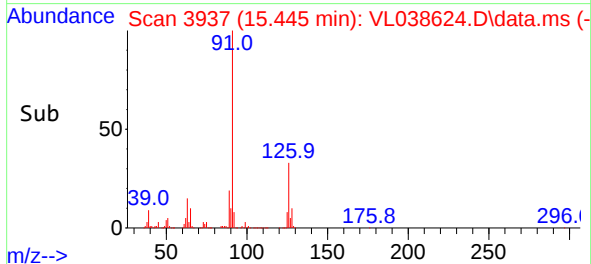
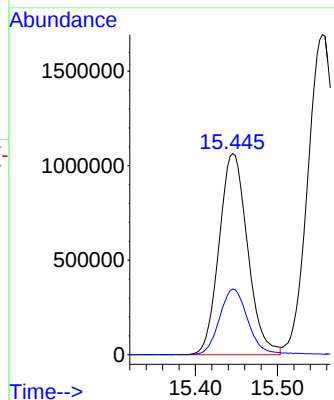
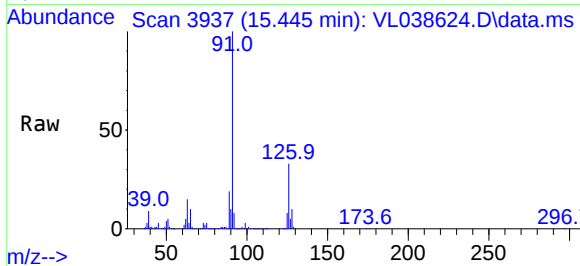
#71
2-Chlorotoluene
Concen: 10.636 ppbv
RT: 15.445 min Scan# 3935
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2572554
Ion Ratio Lower Upper
91 100
126 33.2 12.9 51.7

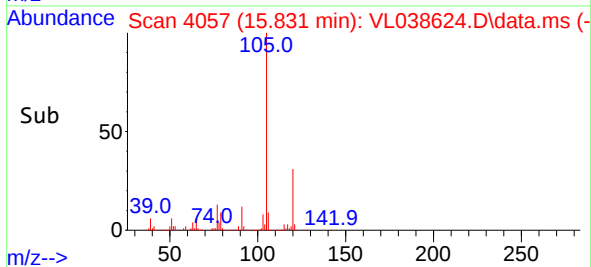
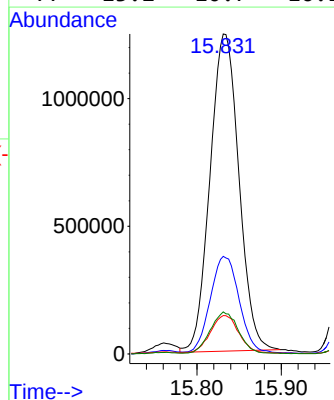
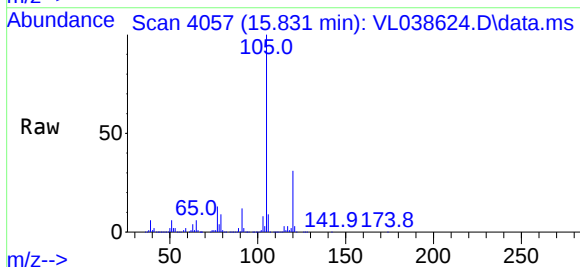
Manual Integrations
APPROVED

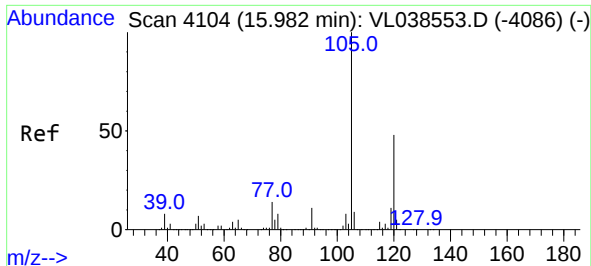
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#72
4-Ethyltoluene
Concen: 10.908 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Tgt Ion:105 Resp: 2958173
Ion Ratio Lower Upper
105 100
120 31.5 25.0 37.4
91 12.0 9.8 14.6
77 13.2 10.7 16.1





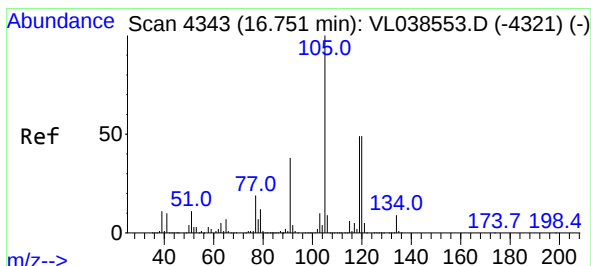
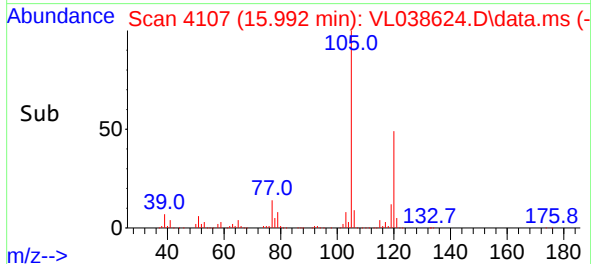
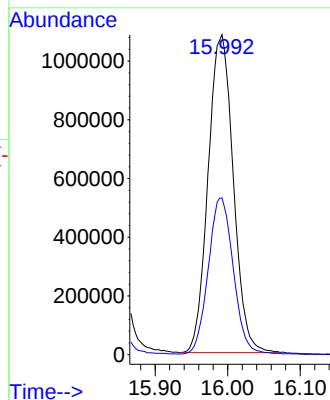
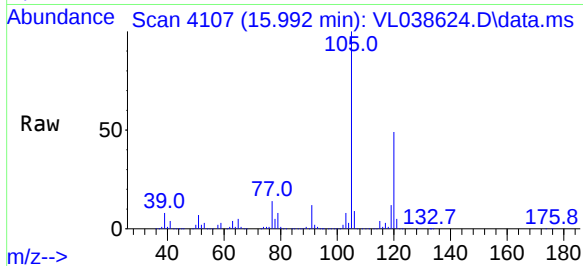
#73
1,3,5-Trimethylbenzene
Concen: 10.372 ppbv
RT: 15.992 min Scan# 4107
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:105 Resp: 261099
Ion Ratio Lower Upper
105 100
120 49.1 38.3 57.5

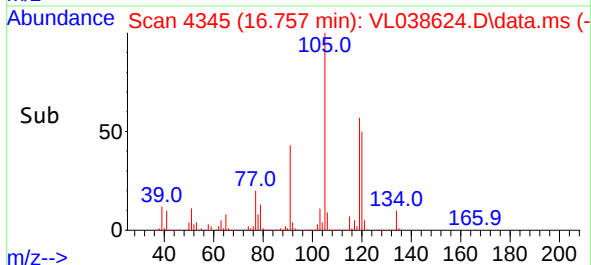
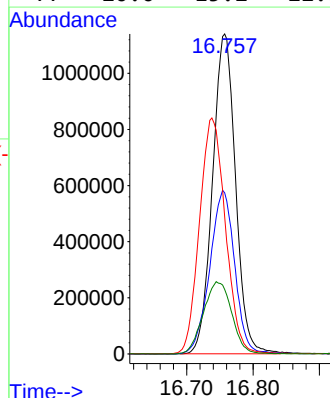
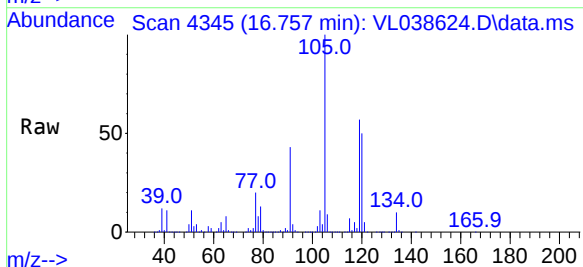
Manual Integrations
APPROVED

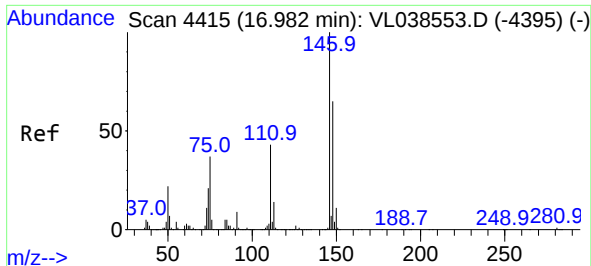
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022



#74
1,2,4-Trimethylbenzene
Concen: 10.204 ppbv
RT: 16.757 min Scan# 4345
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

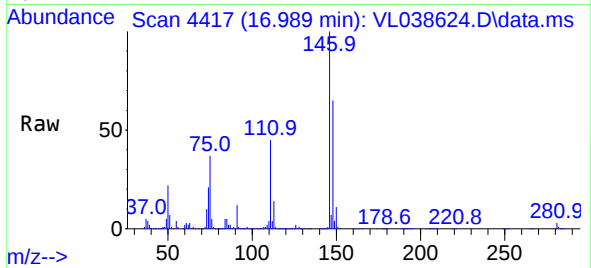
Tgt Ion:105 Resp: 2744197
Ion Ratio Lower Upper
105 100
120 50.2 38.9 58.3
91 42.6 30.6 46.0
77 20.0 15.2 22.8





#75
1,3-Dichlorobenzene
Concen: 10.268 ppbv
RT: 16.989 min Scan# 4415
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

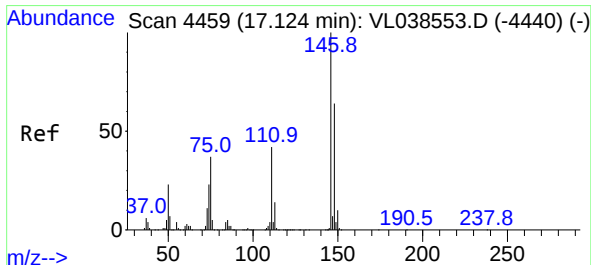
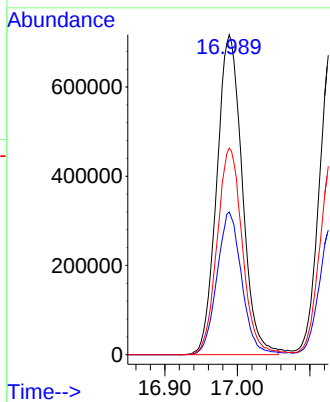
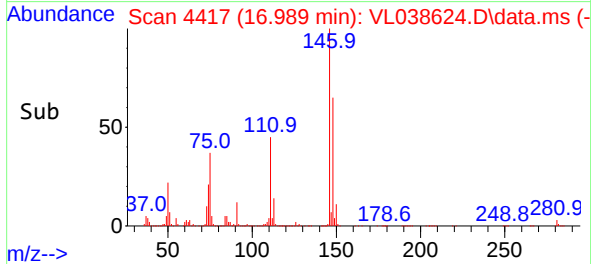
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



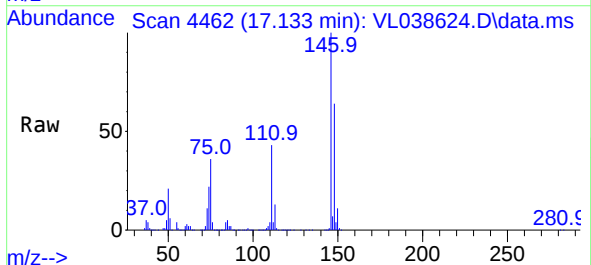
Tgt Ion:146 Resp: 174224
Ion Ratio Lower Upper
146 100
111 43.8 21.9 65.8
148 64.5 32.2 96.6

Manual Integrations
APPROVED

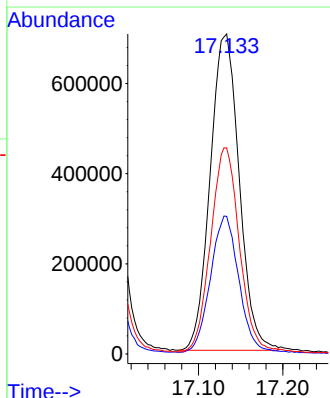
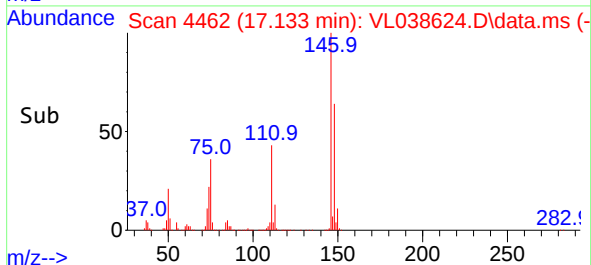
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

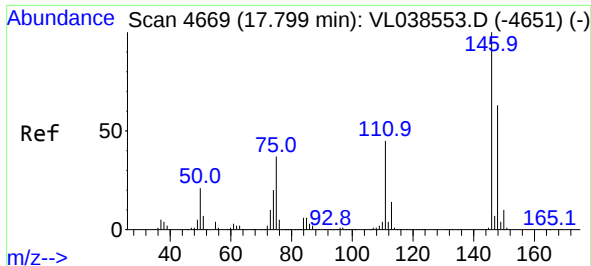


#76
1,4-Dichlorobenzene
Concen: 9.997 ppbv
RT: 17.133 min Scan# 4462
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



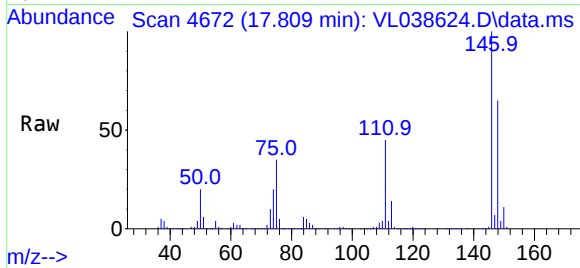
Tgt Ion:146 Resp: 1680186
Ion Ratio Lower Upper
146 100
111 43.7 21.8 65.3
148 66.3 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.768 ppbv
RT: 17.809 min Scan# 4000
Delta R.T. 0.010 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

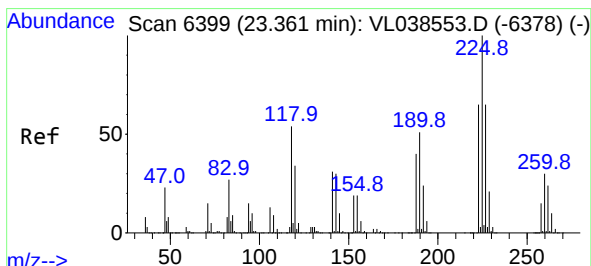
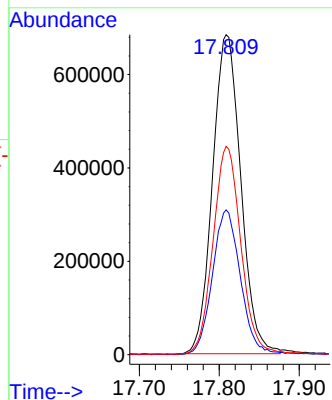
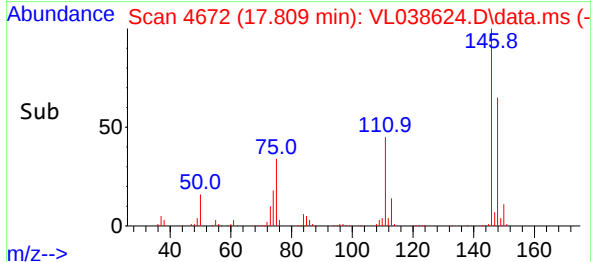
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



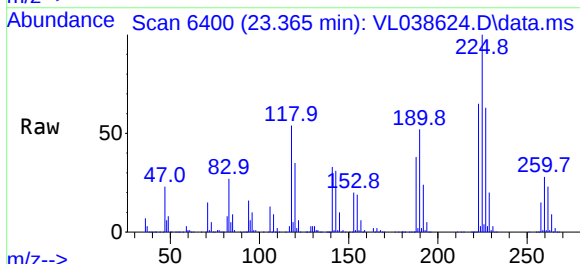
Tgt Ion:146 Resp: 167683
Ion Ratio Lower Upper
146 100
111 45.2 23.2 69.5
148 64.6 32.6 98.0

Manual Integrations
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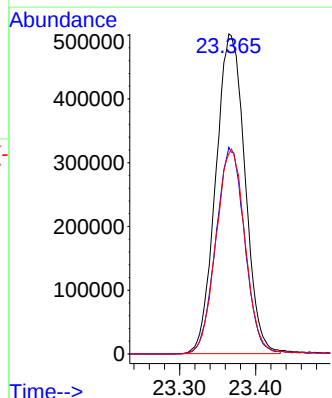
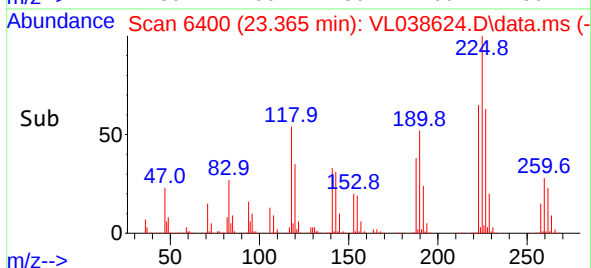
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

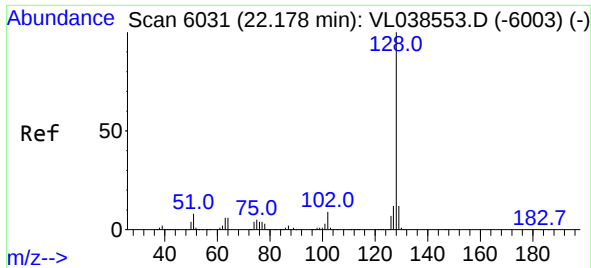


#78
Hexachloro-1,3-Butadiene
Concen: 7.984 ppbv
RT: 23.365 min Scan# 6400
Delta R.T. 0.003 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



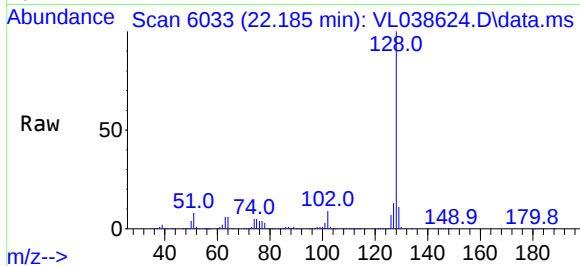
Tgt Ion:225 Resp: 1336836
Ion Ratio Lower Upper
225 100
223 64.4 51.4 77.0
227 64.4 51.9 77.9





#79
Naphthalene
Concen: 10.561 ppbv
RT: 22.185 min Scan# 6033
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56

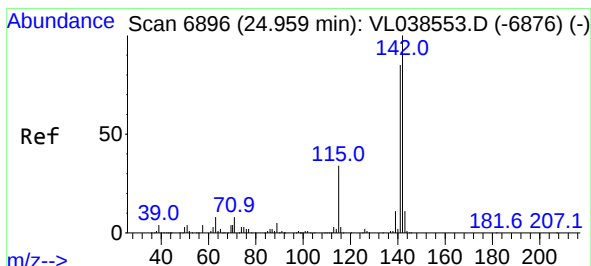
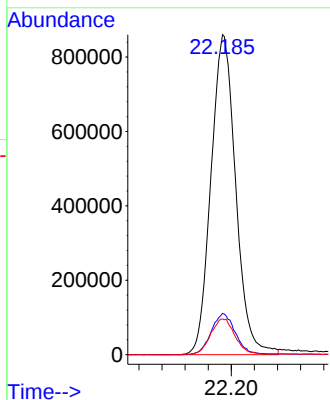
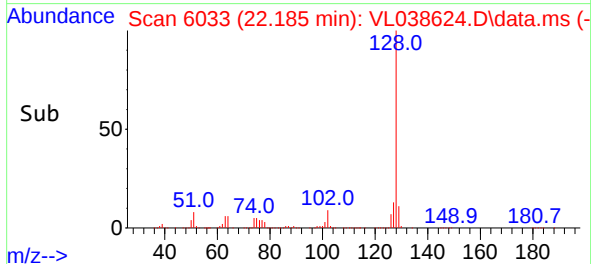
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



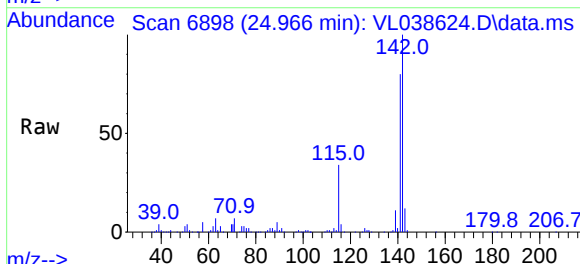
Tgt Ion:128 Resp: 255490
Ion Ratio Lower Upper
128 100
127 12.9 9.9 14.9
129 11.2 9.3 13.9

Manual Integrations
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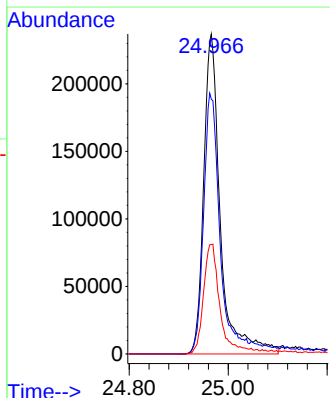
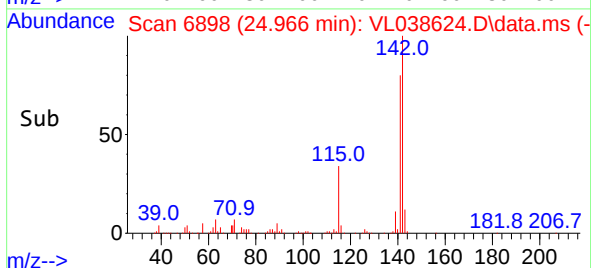
Reviewed By :Semsettin Yesilyurt 03/19/2022
Supervised By :Mahesh Dadoda 03/21/2022

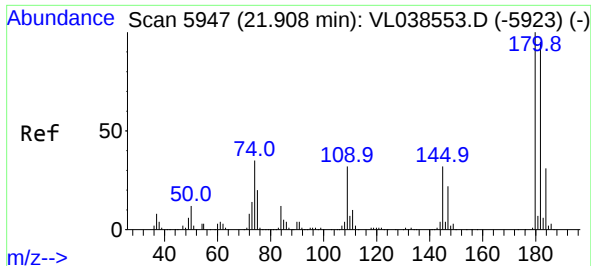


#80
Naphthalene,2-methyl-
Concen: 12.962 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.006 min
Lab File: VL038624.D
Acq: 17 Mar 2022 11:56



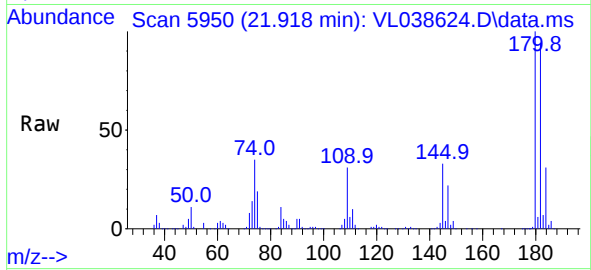
Tgt Ion:142 Resp: 553507
Ion Ratio Lower Upper
142 100
141 87.7 68.4 102.6
115 35.0 27.9 41.9





#81
 1,2,4-Trichlorobenzene
 Concen: 9.251 ppbv
 RT: 21.918 min Scan# 5947
 Delta R.T. 0.010 min
 Lab File: VL038624.D
 Acq: 17 Mar 2022 11:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 143008
 Ion Ratio Lower Upper
 180 100
 182 99.7 79.1 118.7
 184 31.8 25.0 37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/19/2022
 Supervised By :Mahesh Dadoda 03/21/2022

