

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038815.D
 Acq On : 5 Apr 2022 17:50
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 05 19:45:37 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 05 2022

QLast Update : Tue Apr 05 17:22:42 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1493181	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3943401	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3594745	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.407	95	2736477	9.929	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.050	85	129921	0.647	ppbv	90
3) Chlorodifluoromethane	2.989	51	94168	0.597	ppbv	99
4) Chloromethane	3.140	50	47453m	0.548	ppbv	
5) Vinyl Chloride	3.256	62	42675	0.485	ppbv	93
6) Bromomethane	3.475	94	21153m	0.451	ppbv	
7) Chloroethane	3.565	64	15188m	0.521	ppbv	
8) Dichlorotetrafluoroethane	3.192	85	103284	0.515	ppbv	98
9) Propene	3.012	41	48886	0.642	ppbv	86
10) Heptane	8.114	43	125799m	0.691	ppbv	
11) Trichlorofluoromethane	3.951	101	88667	0.500	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.488	101	65035	0.477	ppbv	97
13) Ethanol	3.619	45	3582m	0.426	ppbv	
14) Bromoethene	3.738	108	30145m	0.497	ppbv	
15) Acetone	3.864	43	84492m	0.656	ppbv	
16) 1,3-Butadiene	3.327	39	42279m	0.578	ppbv	
17) tert-Butyl alcohol	4.301	59	74147m	0.659	ppbv	
18) 1,1-Dichloroethene	4.285	96	31174m	0.509	ppbv	
19) Isopropyl Alcohol	3.980	45	48723m	0.682	ppbv	
20) Methylene Chloride	4.346	84	31382m	0.578	ppbv	
21) Allyl Chloride	4.410	41	61128m	0.659	ppbv	
22) trans-1,2-Dichloroethene	4.886	96	30671m	0.483	ppbv	
23) Vinyl Acetate	5.079	43	75707m	0.607	ppbv	
24) 1,1-Dichloroethane	5.008	63	65159	0.530	ppbv	97
25) Ethyl Acetate	5.684	43	183774	0.567	ppbv #	96
26) Hexane	5.684	57	85408	0.588	ppbv	97
27) Carbon Disulfide	4.549	76	76087m	0.534	ppbv	
28) Methyl tert-Butyl Ether	5.044	73	68345m	0.632	ppbv	
29) Chloroform	5.748	83	118420	0.509	ppbv	96
30) Cyclohexane	7.124	84	80220	0.635	ppbv	85
31) cis-1,2-Dichloroethene	5.542	61	81260m	0.595	ppbv	
32) 1,1,1-Trichloroethane	6.504	97	125778m	0.561	ppbv	
34) 2-Butanone	5.250	43	82956m	0.531	ppbv	
35) Carbon Tetrachloride	7.012	117	122546	0.536	ppbv	86
36) Benzene	6.886	78	189045	0.621	ppbv	97
37) 1,2-Dichloroethane	6.304	62	83968	0.542	ppbv #	95
38) Trichloroethene	7.832	130	70241	0.551	ppbv	95
39) 1,2-Dichloropropane	7.610	63	71879	0.604	ppbv	96
40) 1,4-Dioxane	7.854	88	26680m	0.646	ppbv	
41) Tetrahydrofuran	6.073	42	74373m	0.640	ppbv	
42) Bromodichloromethane	7.780	83	132368	0.570	ppbv	95
43) Methyl Methacrylate	8.012	69	65834	0.583	ppbv	95
44) 2,2,4-Trimethylpentane	7.867	57	327895	0.642	ppbv	99
45) t-1,3-Dichloropropene	9.275	75	61820	0.538	ppbv	94

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Manual Integrations
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Quant Time: Apr 05 19:45:37 2022

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

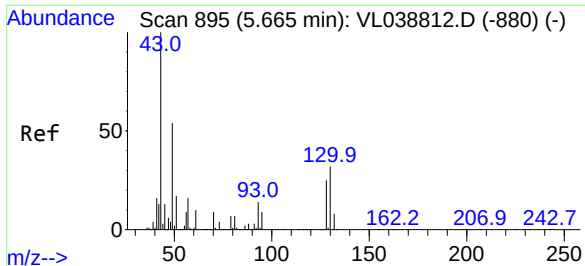
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 05 2022

QLast Update : Tue Apr 05 17:22:42 2022

Response via : Initial Calibration

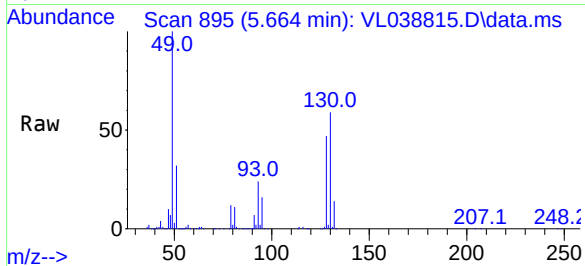
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	90004m	0.579	ppbv	
47) 1,1,2-Trichloroethane	9.465	97	71979	0.567	ppbv	94
48) Dibromochloromethane	10.298	129	103169	0.518	ppbv	97
49) Bromoform	13.027	173	79629	0.491	ppbv	97
50) 4-Methyl-2-Pentanone	8.754	43	163419	0.563	ppbv	99
51) 2-Hexanone	10.147	43	125630m	0.603	ppbv	
52) Tetrachloroethene	11.217	164	65287m	0.586	ppbv	
53) Toluene	9.799	91	217185	0.664	ppbv	99
54) 1,2-Dibromoethane	10.600	107	95554m	0.551	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.114	131	81708	0.548	ppbv #	1
57) Chlorobenzene	12.140	112	159316	0.614	ppbv	94
58) Ethyl Benzene	12.703	91	283097	0.674	ppbv #	84
59) m/p-Xylene	12.982	91	492445m	1.340	ppbv	
60) o-Xylene	13.677	91	221910	0.636	ppbv	96
61) Styrene	13.523	104	127590m	0.674	ppbv	
62) Isopropylbenzene	14.654	105	351131	0.669	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.671	83	136553	0.505	ppbv	99
64) n-propylbenzene	15.551	120	84505	0.614	ppbv	77
65) tert-Butylbenzene	16.728	119	315519m	0.669	ppbv	
66) Benzyl Chloride	16.969	91	43558m	0.488	ppbv	
67) sec-Butylbenzene	17.281	105	432789	0.642	ppbv	97
69) p-Isopropyltoluene	17.648	119	337465	0.613	ppbv	98
70) n-Butylbenzene	18.538	91	333094	0.587	ppbv	97
71) 2-Chlorotoluene	15.439	91	252798m	0.649	ppbv	
72) 4-Ethyltoluene	15.831	105	265619	0.645	ppbv	99
73) 1,3,5-Trimethylbenzene	15.986	105	230673	0.614	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.748	105	246430	0.603	ppbv #	92
75) 1,3-Dichlorobenzene	16.982	146	146901m	0.564	ppbv	
76) 1,4-Dichlorobenzene	17.133	146	134455	0.519	ppbv	96
77) 1,2-Dichlorobenzene	17.802	146	150290m	0.582	ppbv	
78) Hexachloro-1,3-Butadiene	23.361	225	122870m	0.515	ppbv	
79) Naphthalene	22.185	128	159814	0.511	ppbv #	92
80) Naphthalene,2-methyl-	24.959	142	29492m	0.352	ppbv	
81) 1,2,4-Trichlorobenzene	21.915	180	101741m	0.476	ppbv	

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

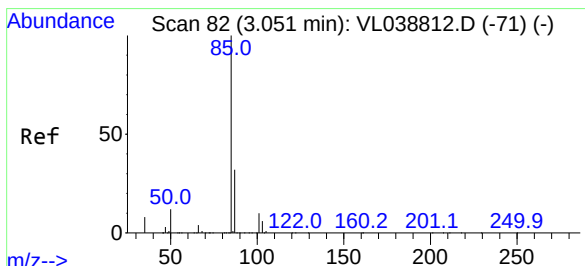
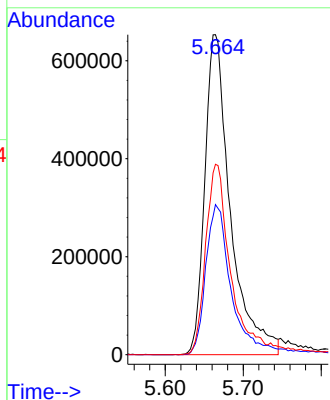
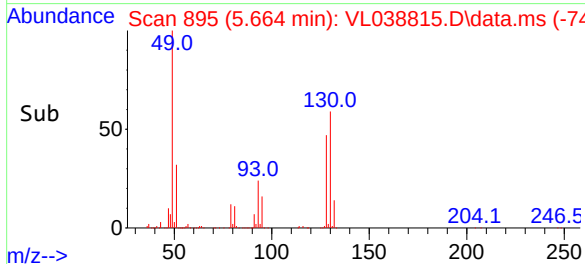
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



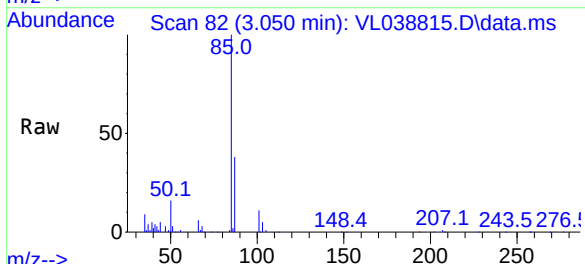
Tgt Ion: 49 Resp: 149318
Ion Ratio Lower Upper
49 100
128 48.7 24.1 72.3
130 62.1 30.9 92.8

Manual Integrations
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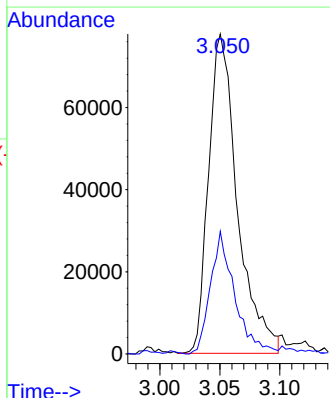
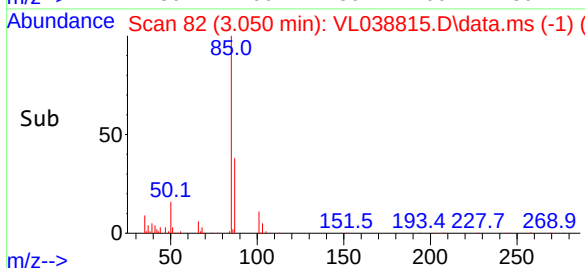
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

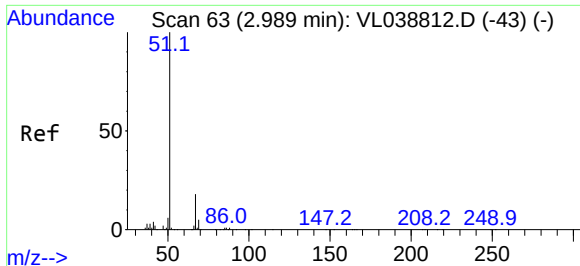


#2
Dichlorodifluoromethane
Concen: 0.647 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



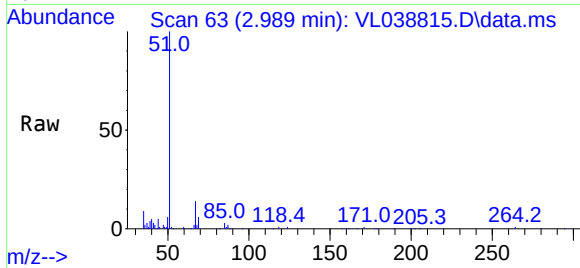
Tgt Ion: 85 Resp: 129921
Ion Ratio Lower Upper
85 100
87 37.9 25.9 38.9





#3
Chlorodifluoromethane
Concen: 0.597 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

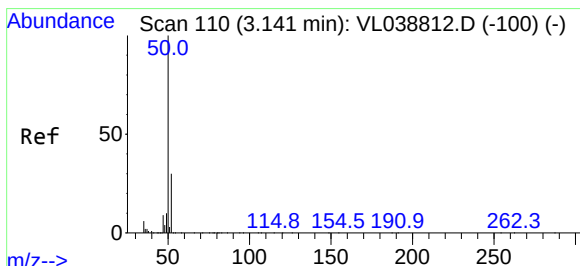
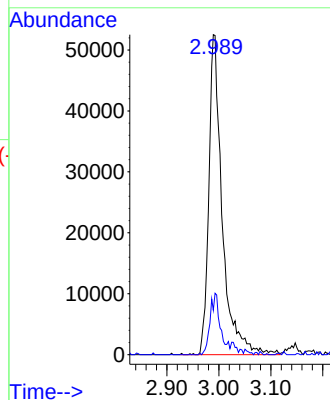
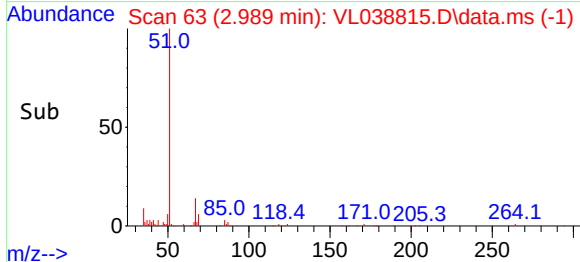
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



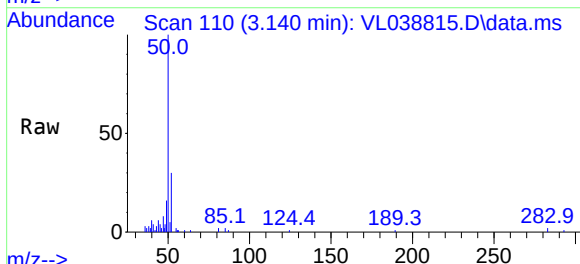
Tgt Ion: 51 Resp: 9416
Ion Ratio Lower Upper
51 100
67 17.3 13.4 20.0

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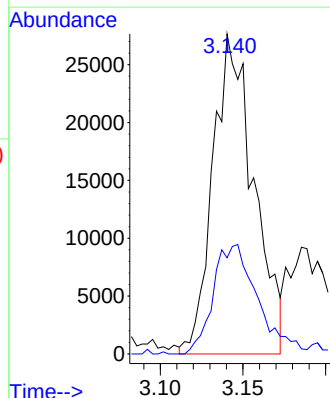
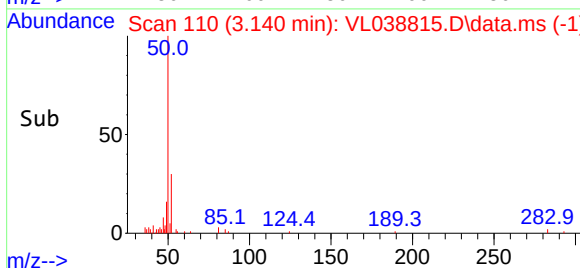
Reviewed By :Semsettin Yesilyurt 04/07/2022
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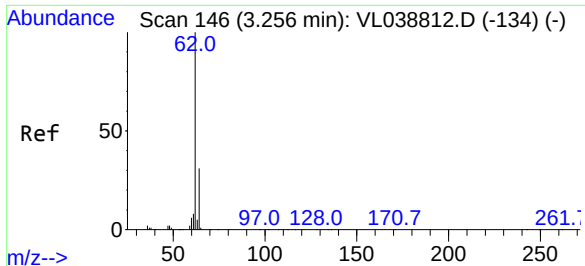


#4
Chloromethane
Concen: 0.548 ppbv m
RT: 3.140 min Scan# 110
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



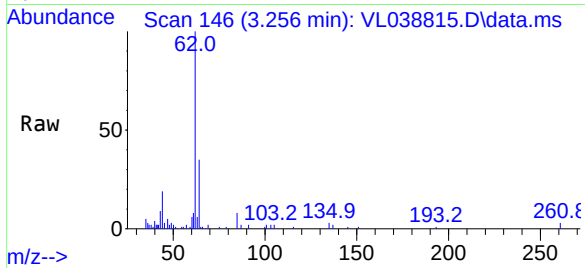
Tgt Ion: 50 Resp: 47453
Ion Ratio Lower Upper
50 100
52 30.0 24.3 36.5





#5
 Vinyl Chloride
 Concen: 0.485 ppbv
 RT: 3.256 min Scan# 146
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50

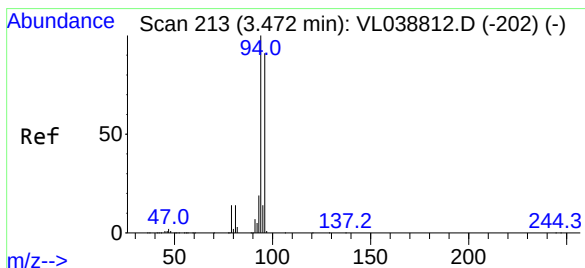
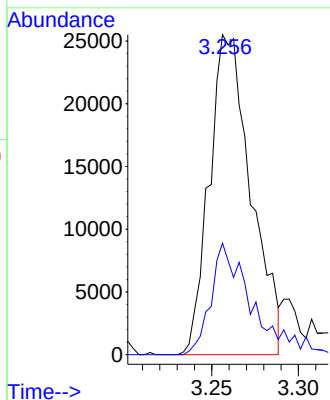
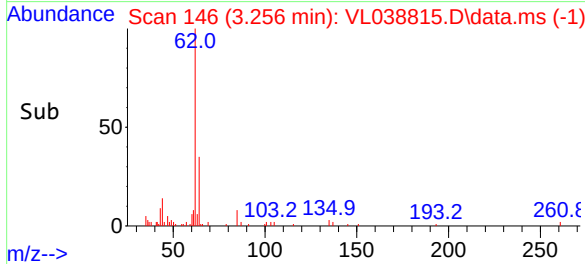
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



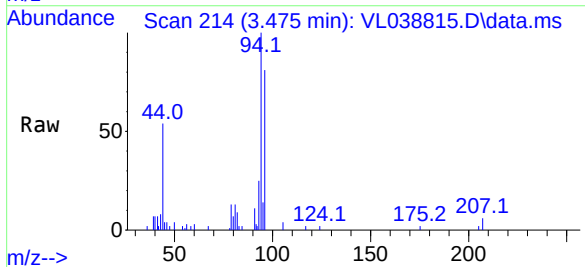
Tgt Ion: 62 Resp: 42675
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.6 37.0

Manual Integrations
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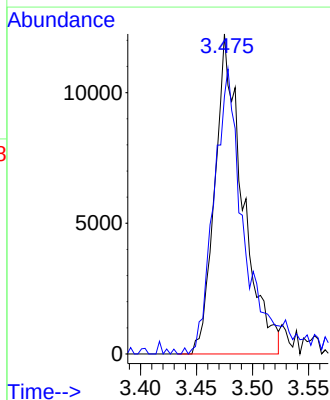
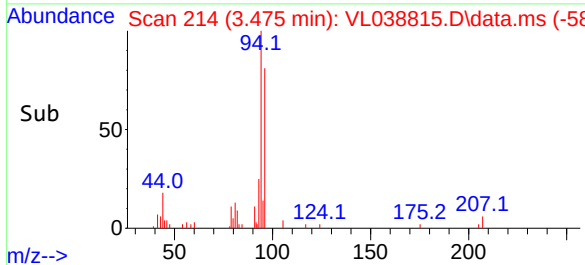
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

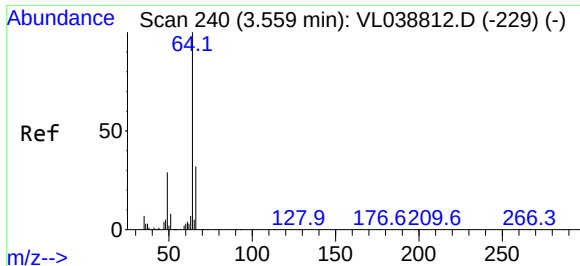


#6
 Bromomethane
 Concen: 0.451 ppbv m
 RT: 3.475 min Scan# 214
 Delta R.T. 0.003 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50



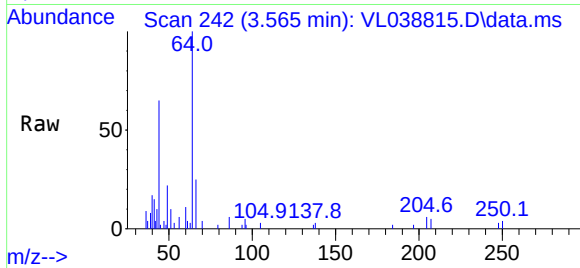
Tgt Ion: 94 Resp: 21153
 Ion Ratio Lower Upper
 94 100
 96 80.5 73.2 109.8





#7
Chloroethane
Concen: 0.521 ppbv m
RT: 3.565 min Scan# 240
Delta R.T. 0.006 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

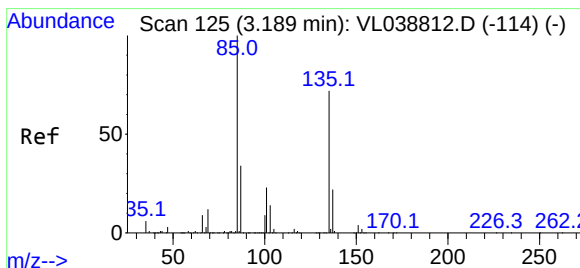
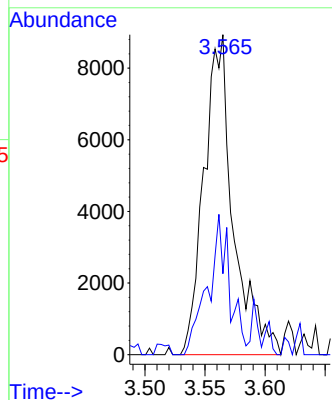
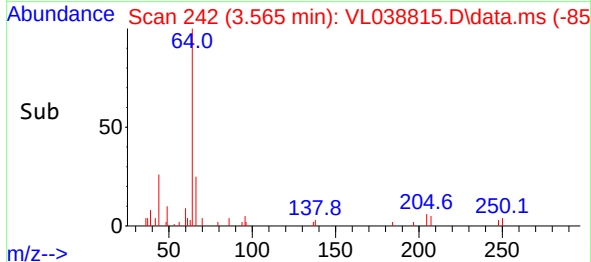
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 64 Resp: 15188
Ion Ratio Lower Upper
64 100
66 25.3 25.4 38.2

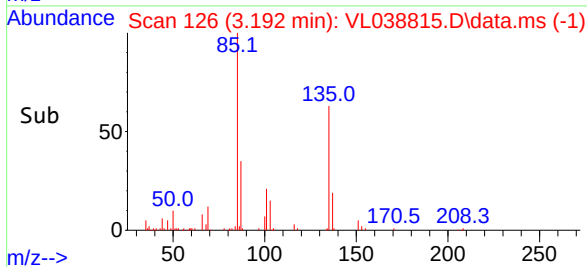
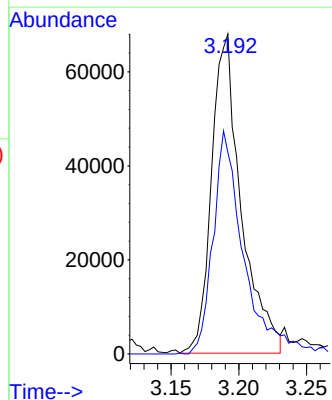
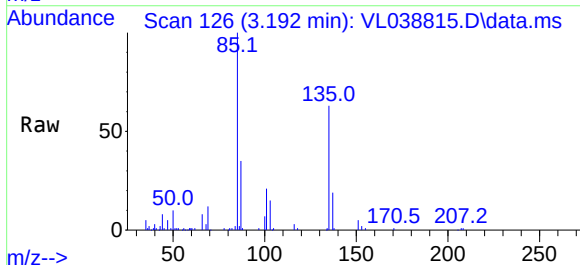
Manual Integrations
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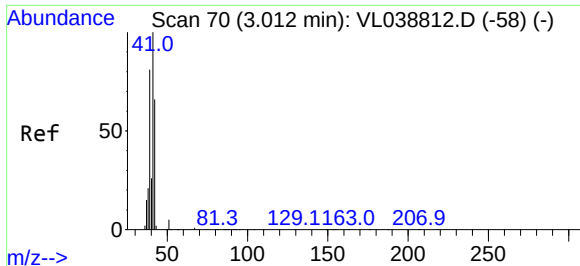
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#8
Dichlorotetrafluoroethane
Concen: 0.515 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

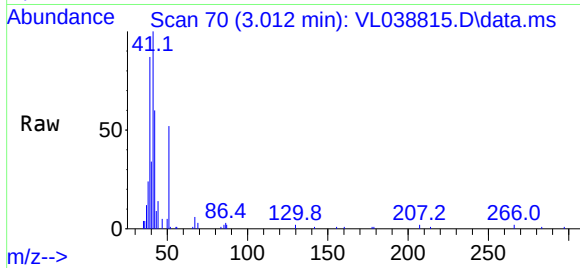
Tgt Ion: 85 Resp: 103284
Ion Ratio Lower Upper
85 100
135 72.7 57.0 85.6





#9
 Propene
 Concen: 0.642 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50

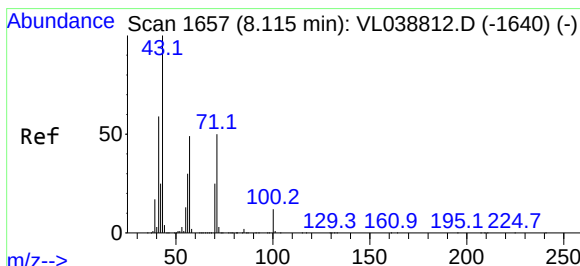
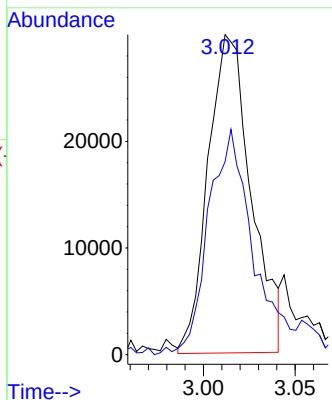
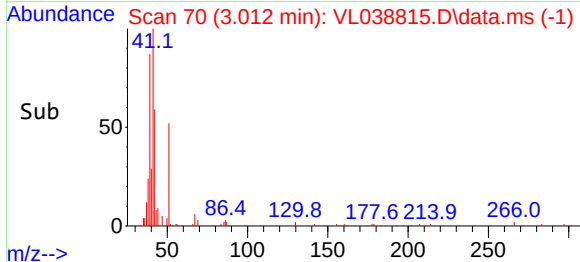
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



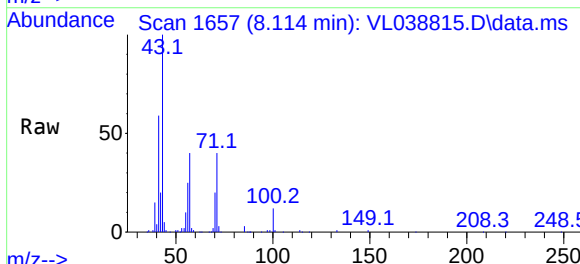
Tgt Ion: 41 Resp: 48880
 Ion Ratio Lower Upper
 41 100
 42 79.5 54.2 81.4

Manual Integrations
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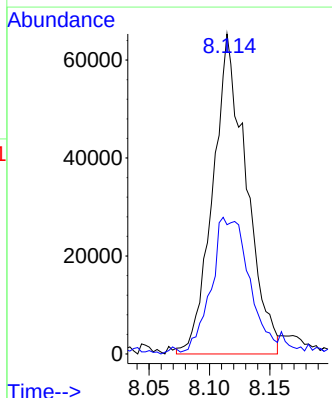
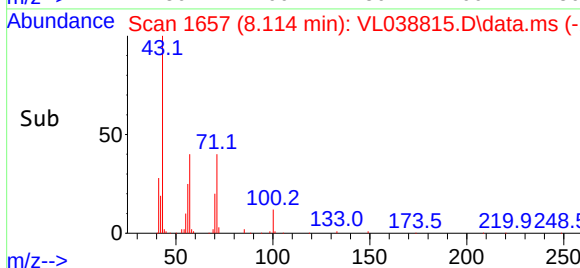
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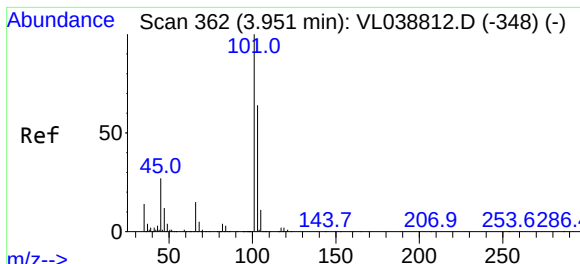


#10
 Heptane
 Concen: 0.691 ppbv m
 RT: 8.114 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50



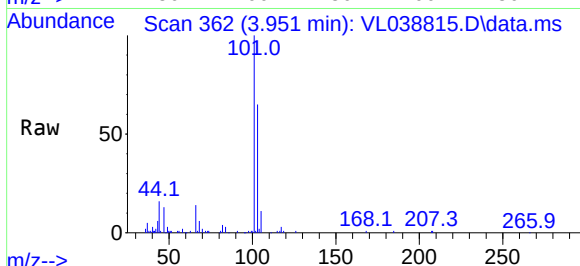
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 Ion Ratio Lower Upper
 43 100
 57 50.5 39.3 58.9





#11
 Trichlorofluoromethane
 Concen: 0.500 ppbv
 RT: 3.951 min Scan# 306
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50

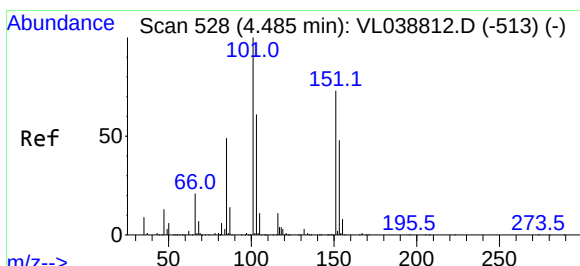
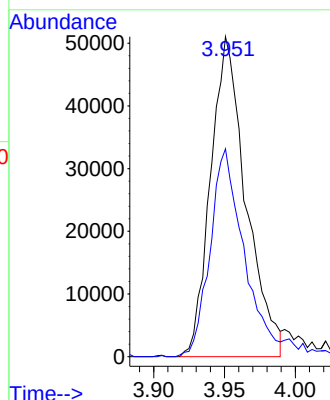
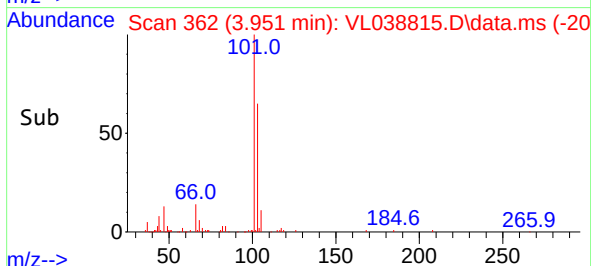
Instrument : MSVOA_L
 ClientSampleId : VSTDICC0.5



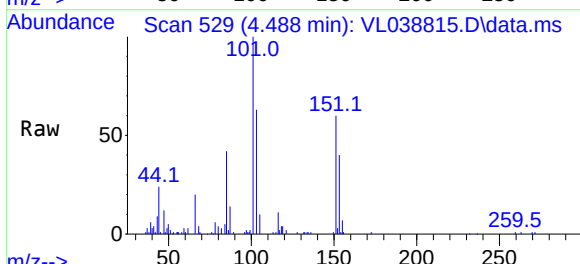
Tgt Ion:101 Resp: 8866
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

Manual Integrations
 APPROVED

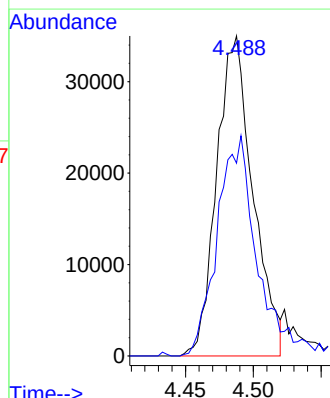
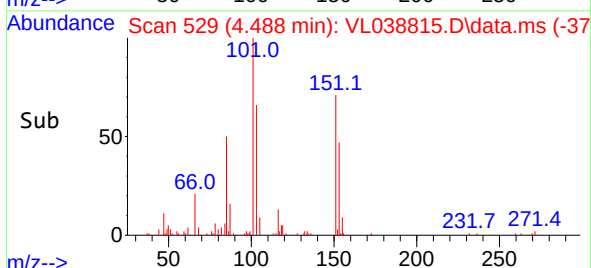
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

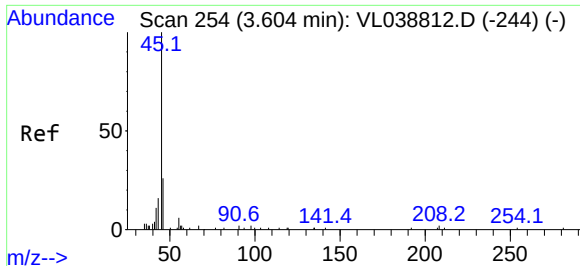


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.477 ppbv
 RT: 4.488 min Scan# 529
 Delta R.T. 0.003 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50



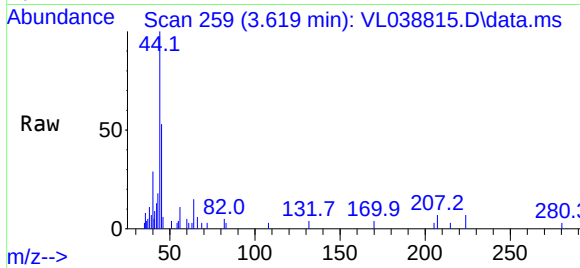
Tgt Ion:101 Resp: 65035
 Ion Ratio Lower Upper
 101 100
 151 77.8 59.9 89.9





#13
Ethanol
Concen: 0.426 ppbv m
RT: 3.619 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

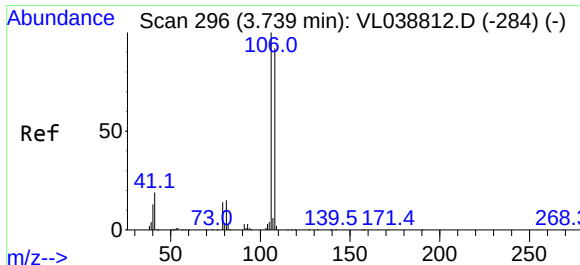
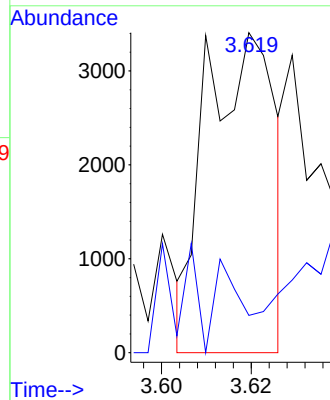
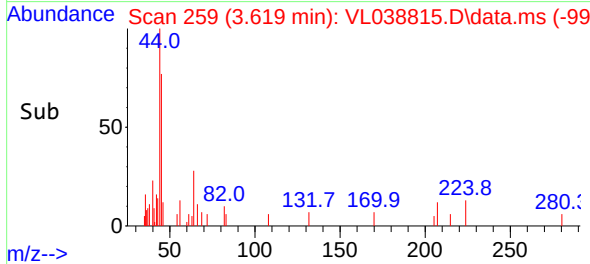
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



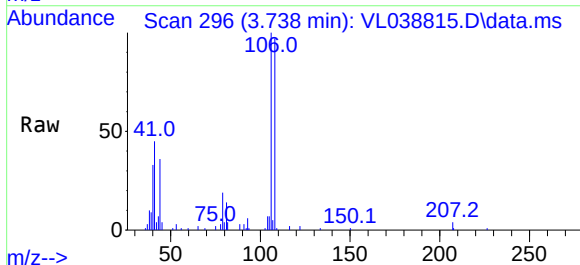
Tgt Ion: 45 Resp: 3582
Ion Ratio Lower Upper
45 100
46 0.0 0.0 0.0

Manual Integrations
APPROVED

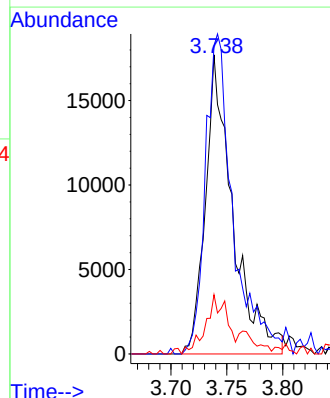
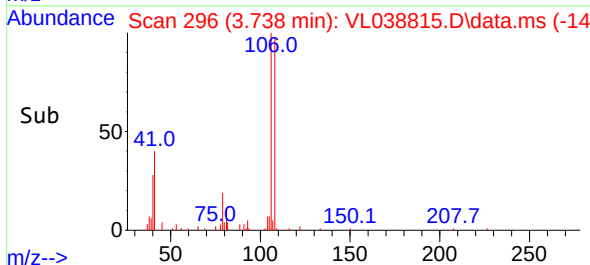
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

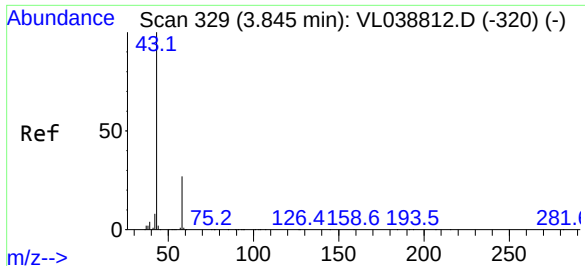


#14
Bromoethene
Concen: 0.497 ppbv m
RT: 3.738 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



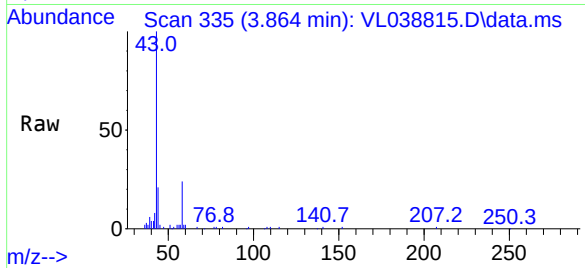
Tgt Ion:108 Resp: 30145
Ion Ratio Lower Upper
108 100
106 108.7 91.5 137.3
79 21.9 13.7 20.5#





#15
Acetone
Concen: 0.656 ppbv m
RT: 3.864 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

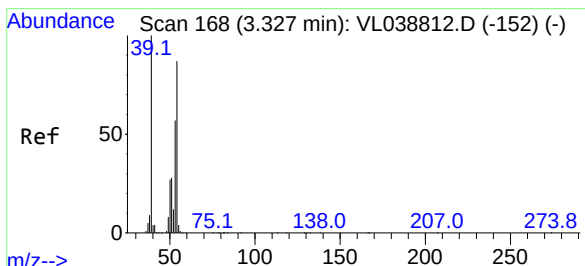
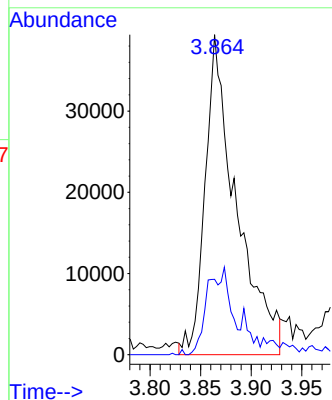
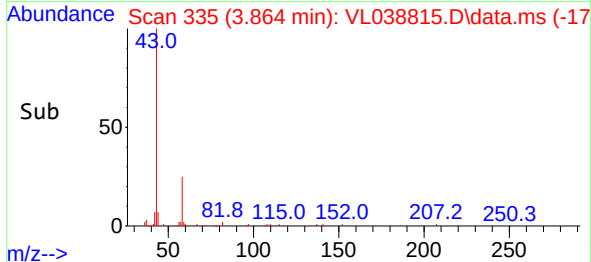
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 84492
Ion Ratio Lower Upper
43 100
58 0.0 22.5 33.7

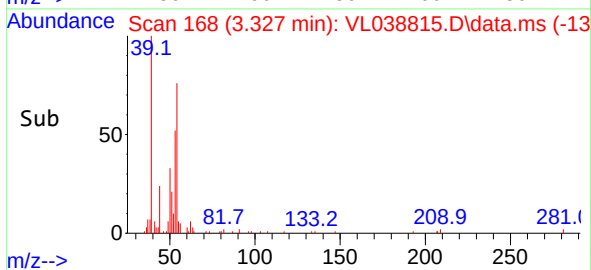
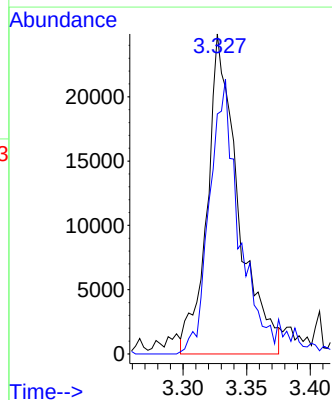
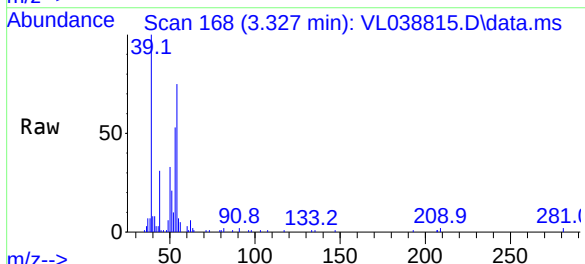
Manual Integrations
APPROVED

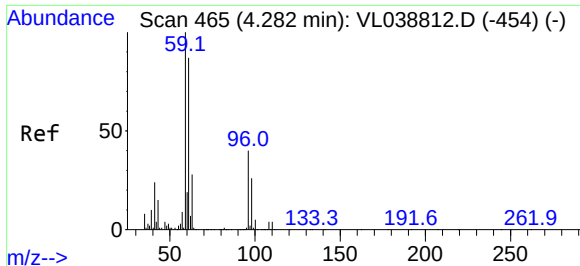
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#16
1,3-Butadiene
Concen: 0.578 ppbv m
RT: 3.327 min Scan# 168
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

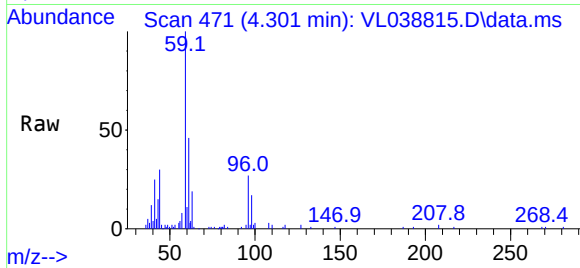
Tgt Ion: 39 Resp: 42279
Ion Ratio Lower Upper
39 100
54 88.0 64.8 97.2





#17
tert-Butyl alcohol
Concen: 0.659 ppbv m
RT: 4.301 min Scan# 471
Delta R.T. 0.019 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

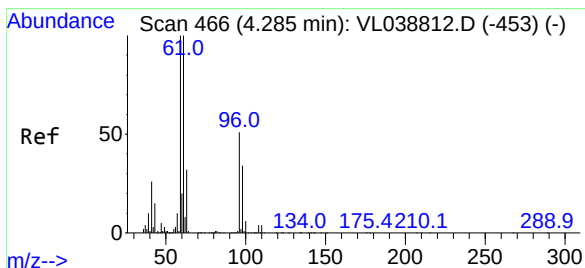
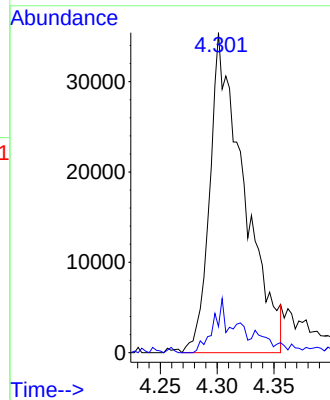
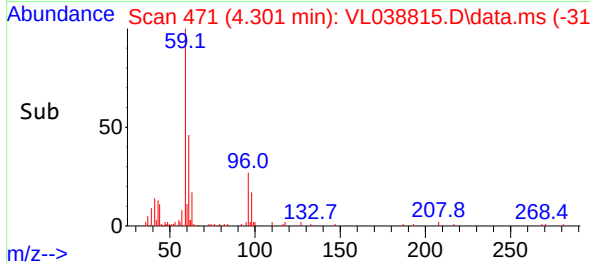
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



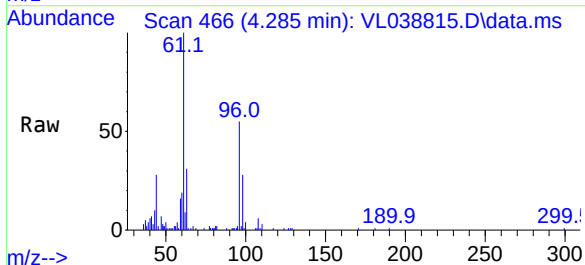
Tgt Ion: 59 Resp: 7414
Ion Ratio Lower Upper
59 100
57 1.2 8.5 12.7

Manual Integrations
APPROVED

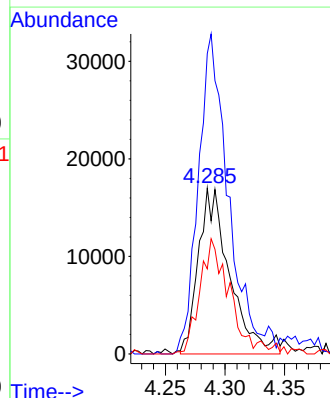
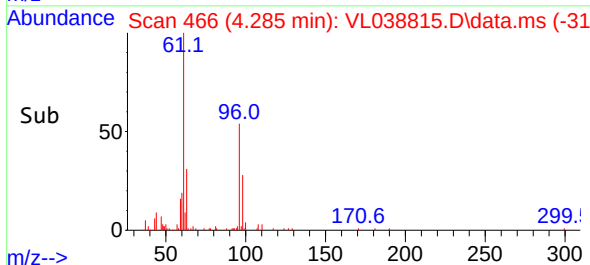
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

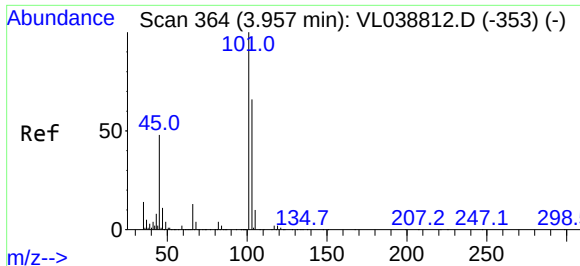


#18
1,1-Dichloroethene
Concen: 0.509 ppbv m
RT: 4.285 min Scan# 466
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



Tgt Ion: 96 Resp: 31174
Ion Ratio Lower Upper
96 100
61 181.1 156.1 234.1
98 51.3 53.0 79.6





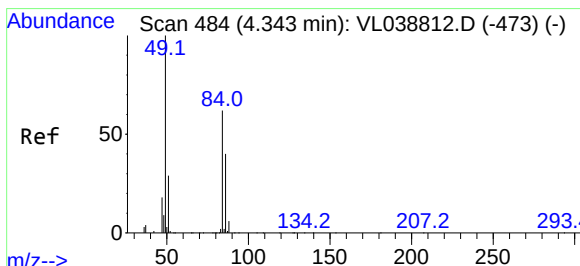
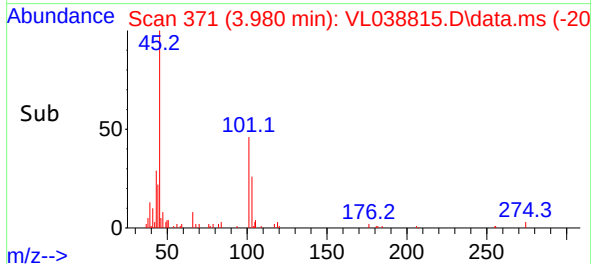
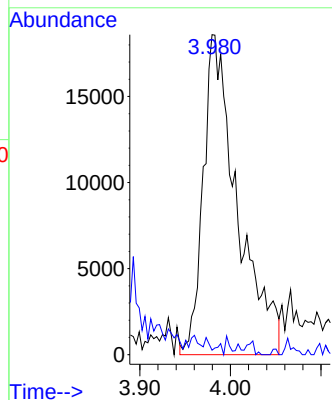
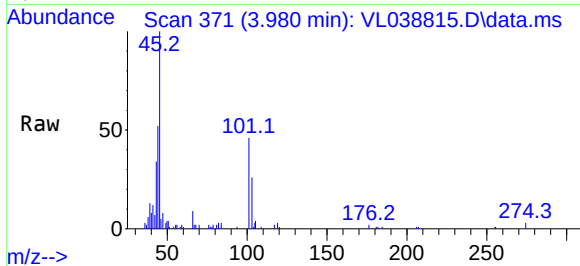
#19
Isopropyl Alcohol
Concen: 0.682 ppbv m
RT: 3.980 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 4872
Ion Ratio Lower Upper
45 100
58 0.0 0.0 0.0

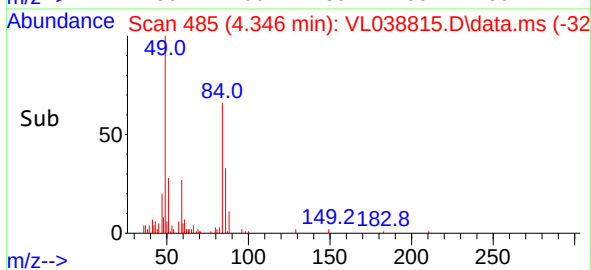
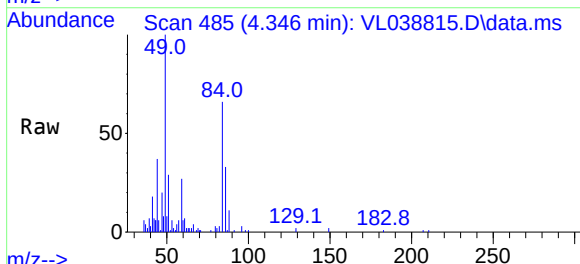
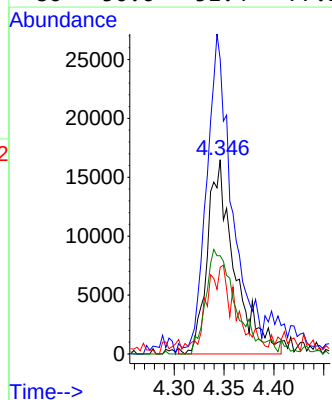
Manual Integrations
APPROVED

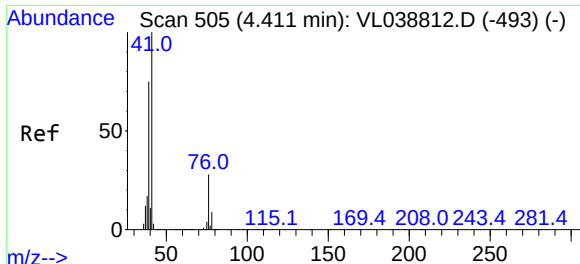
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#20
Methylene Chloride
Concen: 0.578 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

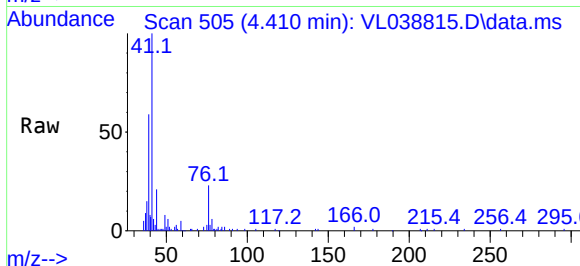
Tgt Ion: 84 Resp: 31382
Ion Ratio Lower Upper
84 100
49 151.7 129.4 194.0
51 44.6 37.4 56.2
86 50.6 51.4 77.2#





#21
 Allyl Chloride
 Concen: 0.659 ppbv m
 RT: 4.410 min Scan# 505
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50

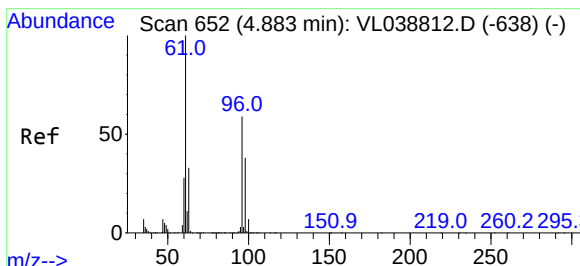
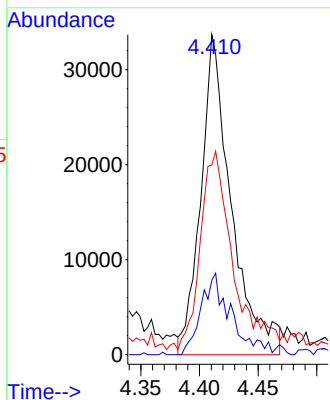
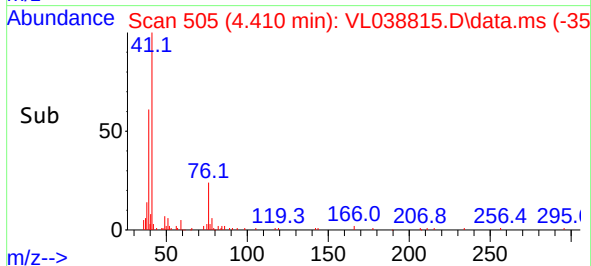
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



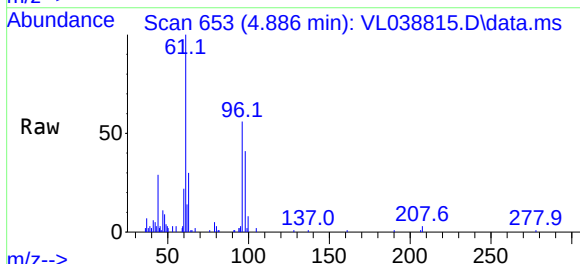
Tgt Ion: 41 Resp: 61128
 Ion Ratio Lower Upper
 41 100
 76 25.6 23.7 35.5
 39 67.3 62.0 93.0

Manual Integrations
 APPROVED

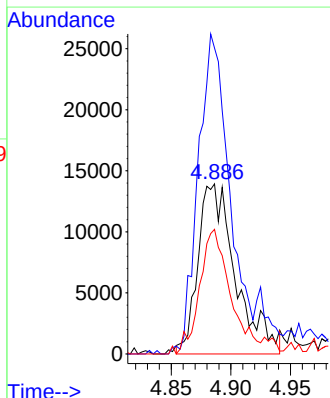
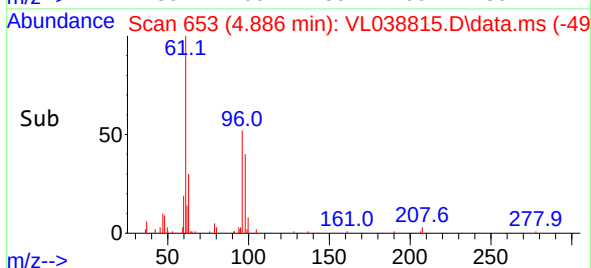
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

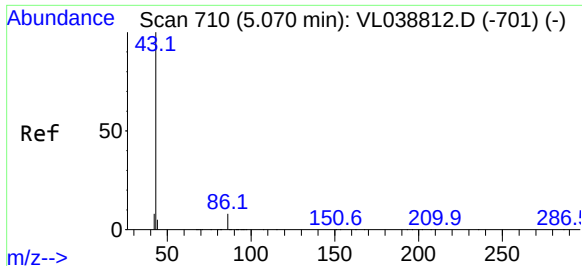


#22
 trans-1,2-Dichloroethene
 Concen: 0.483 ppbv m
 RT: 4.886 min Scan# 653
 Delta R.T. 0.003 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50



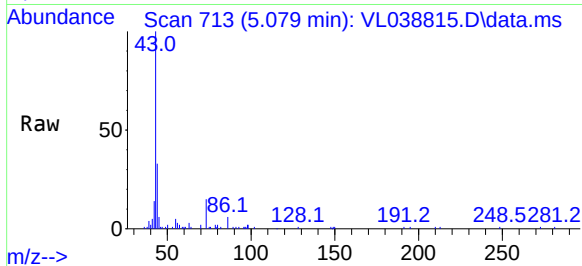
Tgt Ion: 96 Resp: 30671
 Ion Ratio Lower Upper
 96 100
 61 179.9 134.8 202.2
 98 73.3 51.9 77.9





#23
 Vinyl Acetate
 Concen: 0.607 ppbv m
 RT: 5.079 min Scan# 710
 Delta R.T. 0.009 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50

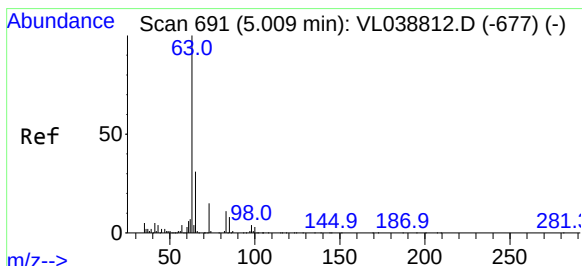
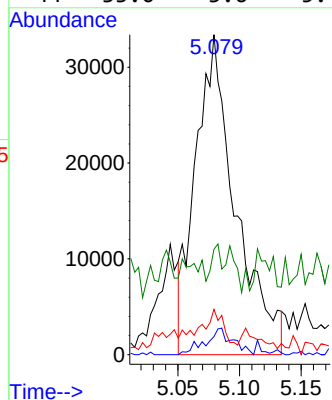
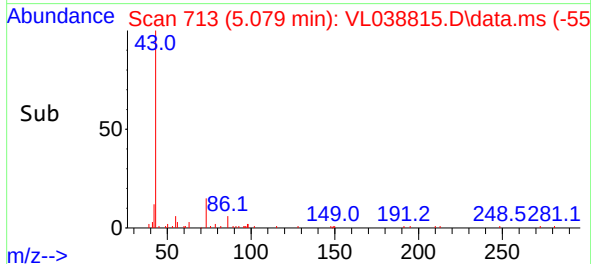
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



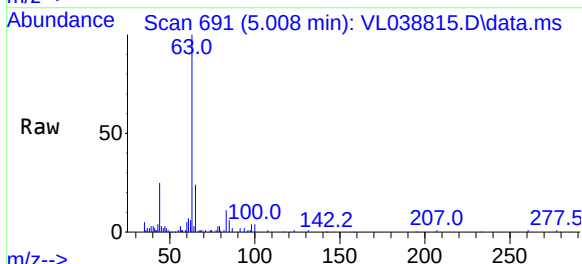
Tgt Ion: 43 Resp: 7570
 Ion Ratio Lower Upper
 43 100
 86 5.7 5.8 8.6
 42 14.1 7.8 11.6
 44 33.0 3.6 5.4

Manual Integrations
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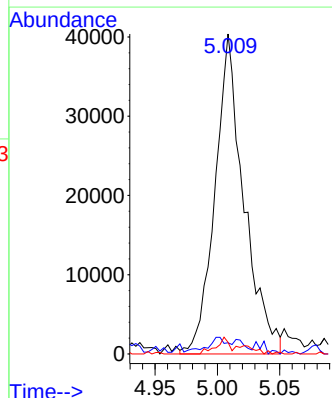
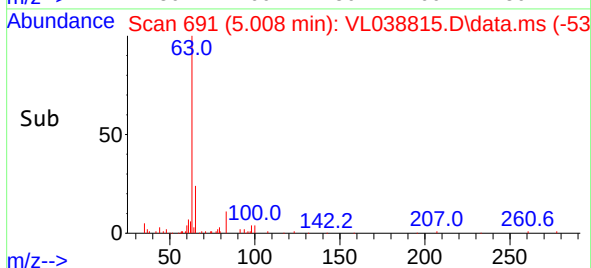
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

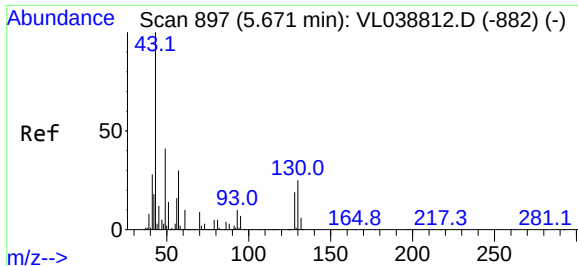


#24
 1,1-Dichloroethane
 Concen: 0.530 ppbv
 RT: 5.008 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50



Tgt Ion: 63 Resp: 65159
 Ion Ratio Lower Upper
 63 100
 98 3.6 2.2 6.6
 100 3.7 1.4 4.0





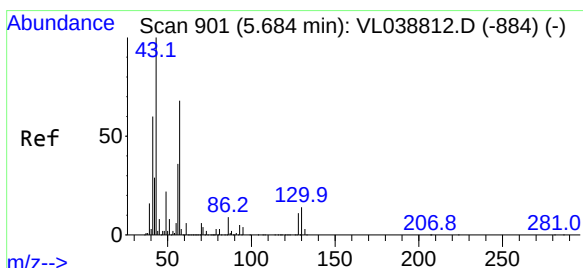
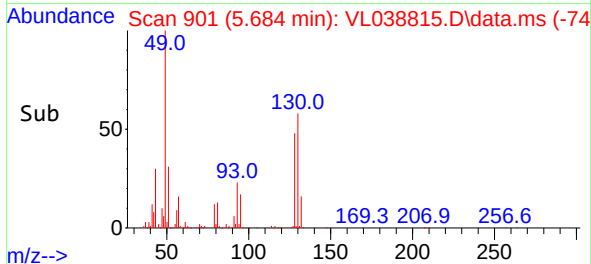
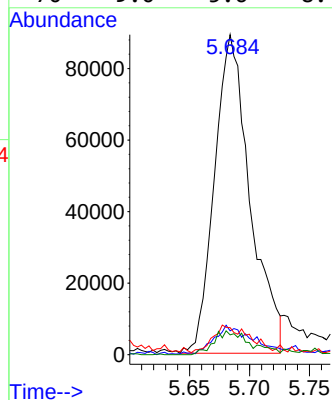
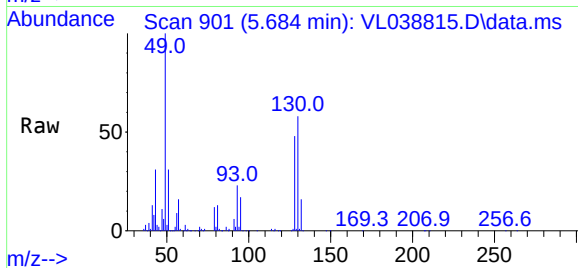
#25
Ethyl Acetate
Concen: 0.567 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.013 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 183774
Ion Ratio Lower Upper
43 100
45 12.2 8.4 12.6
61 10.9 7.9 11.9
70 9.0 5.6 8.4#

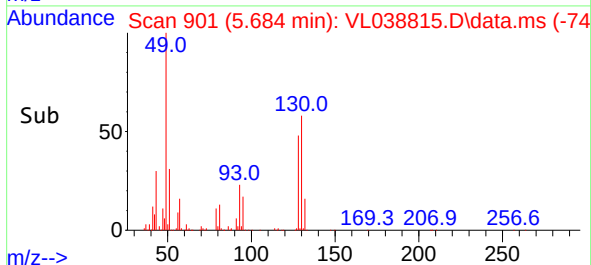
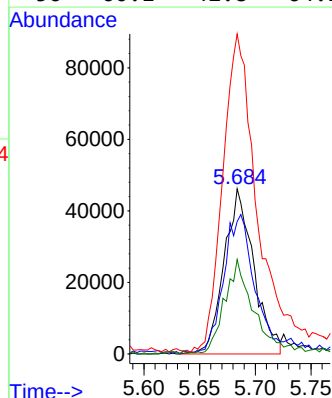
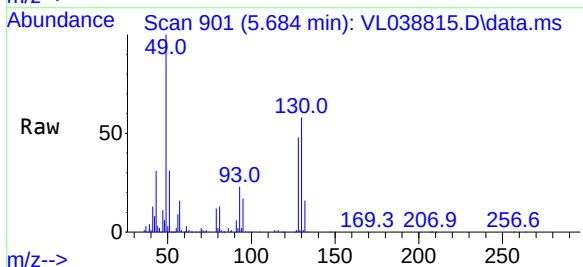
Manual Integrations
APPROVED

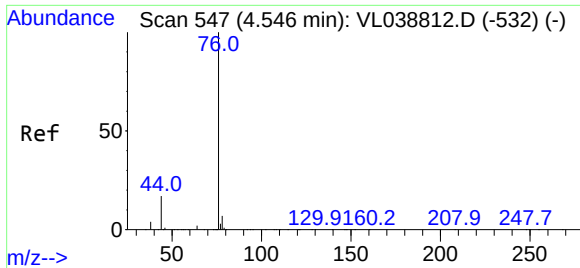
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#26
Hexane
Concen: 0.588 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Tgt Ion: 57 Resp: 85408
Ion Ratio Lower Upper
57 100
41 95.5 72.0 108.0
43 234.2 186.6 280.0
56 60.1 42.8 64.2





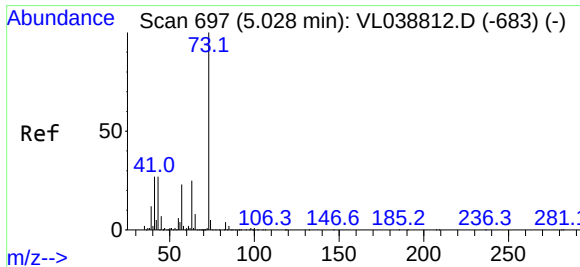
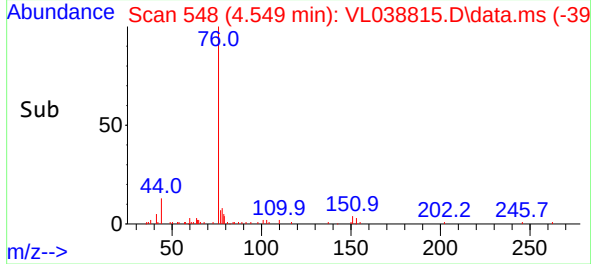
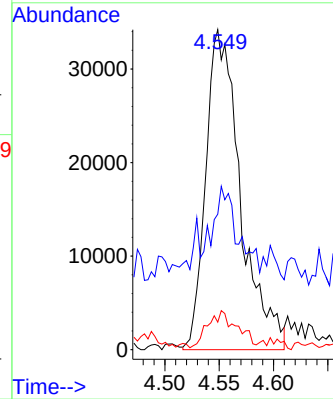
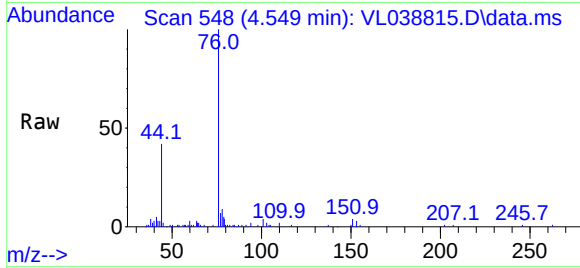
#27
Carbon Disulfide
Concen: 0.534 ppbv m
RT: 4.549 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 76 Resp: 7608
Ion Ratio Lower Upper
76 100
44 31.6 15.7 23.5
78 12.9 7.8 11.8

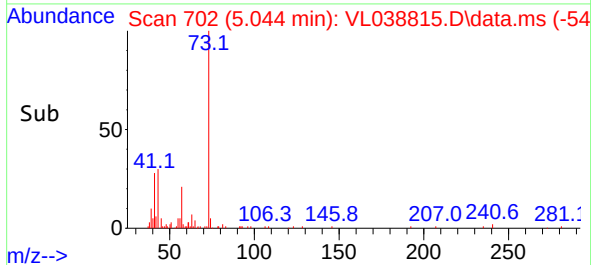
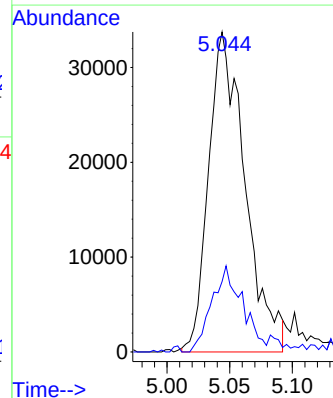
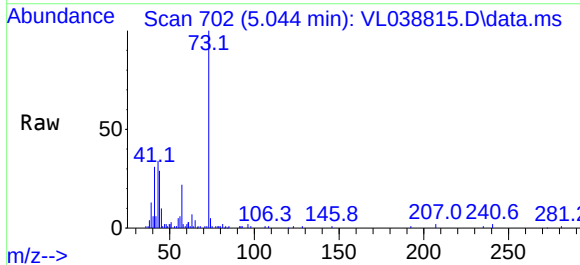
Manual Integrations
APPROVED

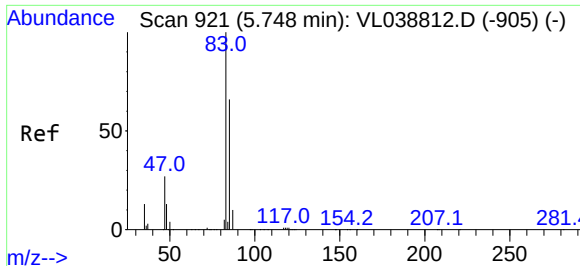
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#28
Methyl tert-Butyl Ether
Concen: 0.632 ppbv m
RT: 5.044 min Scan# 702
Delta R.T. 0.016 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

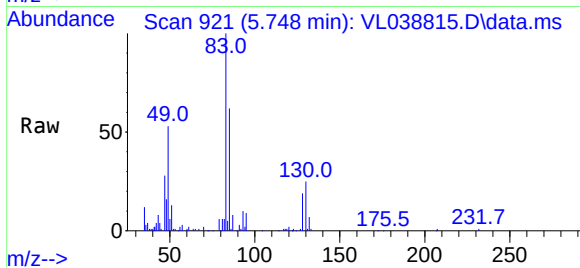
Tgt Ion: 73 Resp: 68345
Ion Ratio Lower Upper
73 100
57 27.0 19.7 29.5





#29
Chloroform
Concen: 0.509 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

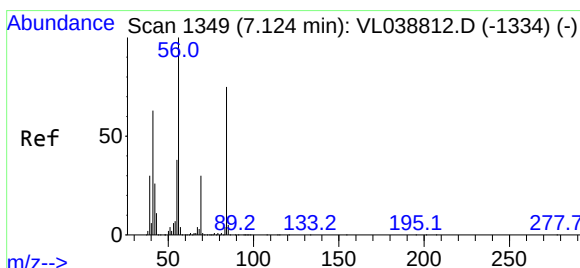
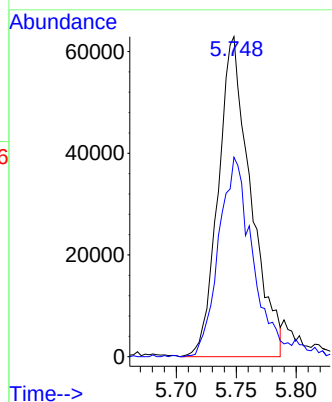
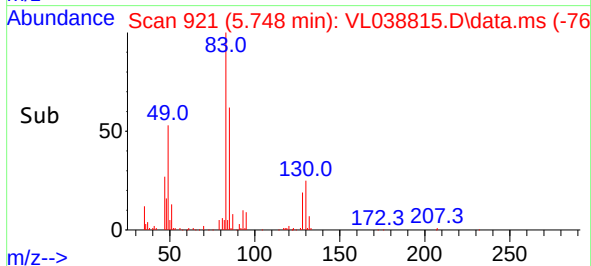
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



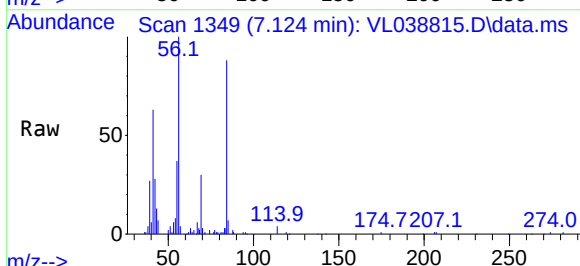
Tgt Ion: 83 Resp: 118420
Ion Ratio Lower Upper
83 100
85 62.3 52.5 78.7

Manual Integrations
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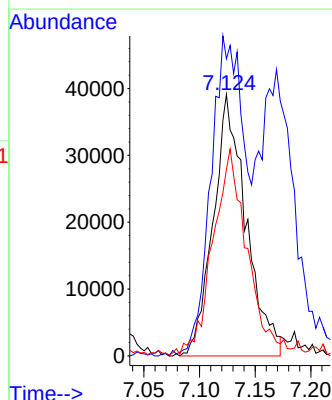
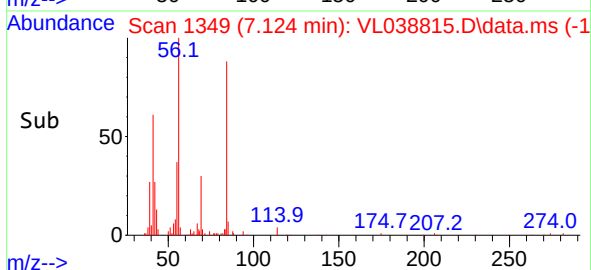
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

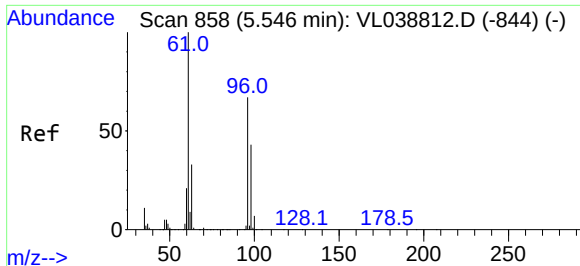


#30
Cyclohexane
Concen: 0.635 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



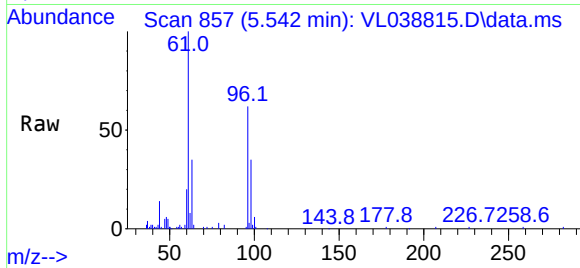
Tgt Ion: 84 Resp: 80220
Ion Ratio Lower Upper
84 100
56 119.4 114.4 171.6
41 79.8 69.0 103.4





#31
cis-1,2-Dichloroethene
Concen: 0.595 ppbv m
RT: 5.542 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

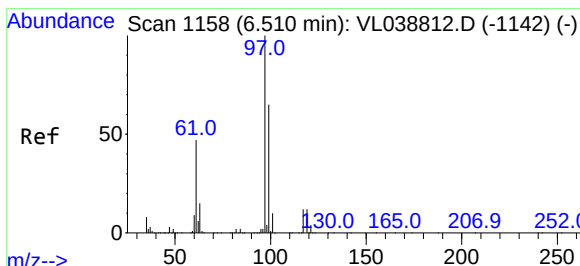
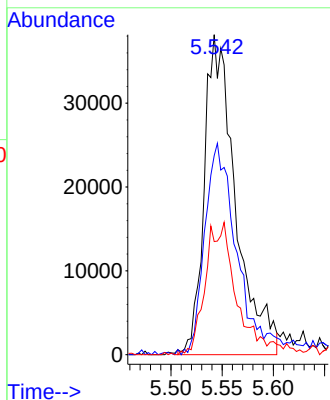
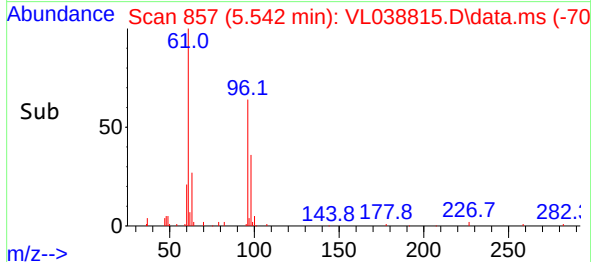
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



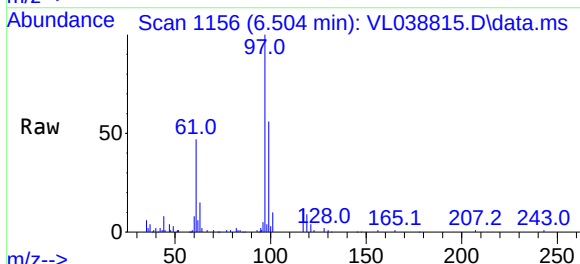
Tgt Ion: 61 Resp: 81260
Ion Ratio Lower Upper
61 100
96 62.2 53.4 80.0
98 35.4 34.2 51.4

Manual Integrations
APPROVED

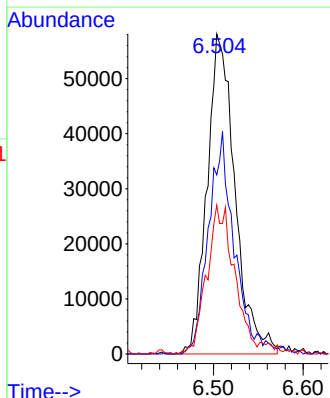
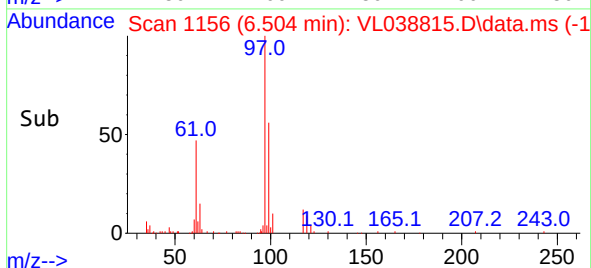
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

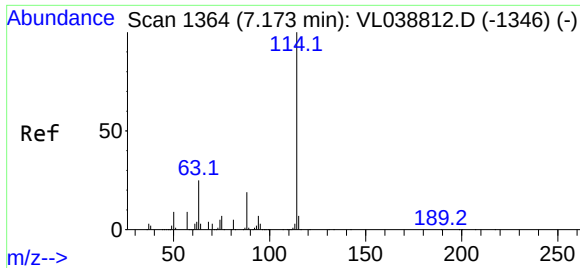


#32
1,1,1-Trichloroethane
Concen: 0.561 ppbv m
RT: 6.504 min Scan# 1156
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



Tgt Ion: 97 Resp: 125778
Ion Ratio Lower Upper
97 100
99 65.3 52.4 78.6
61 48.2 38.6 57.8





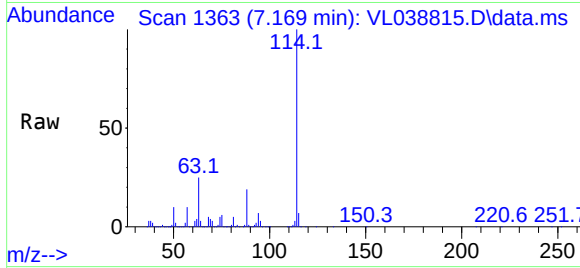
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



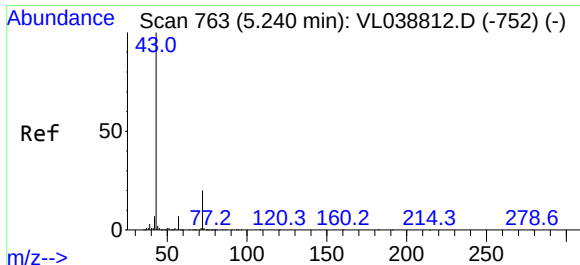
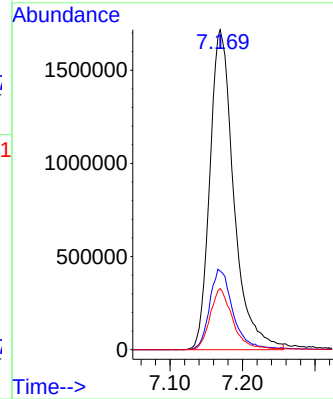
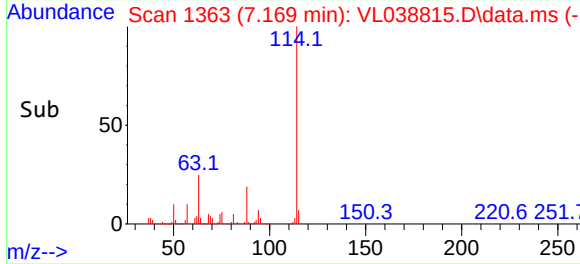
Tgt Ion:114 Resp: 394340

Ion	Ratio	Lower	Upper
114	100		
63	25.0	19.8	29.8
88	18.4	14.2	21.4

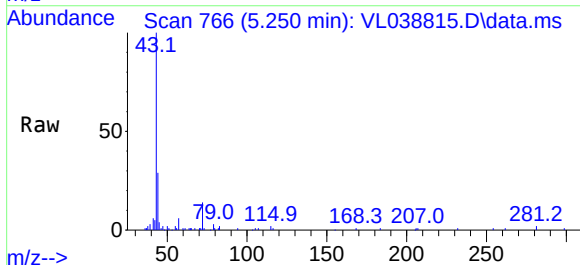
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

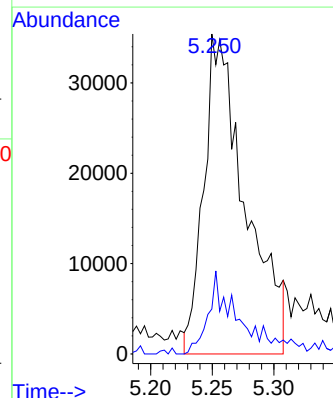
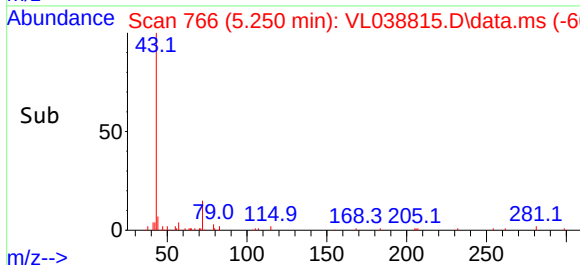


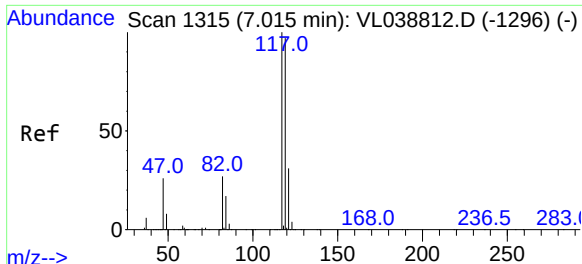
#34
2-Butanone
Concen: 0.531 ppbv m
RT: 5.250 min Scan# 766
Delta R.T. 0.009 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



Tgt Ion: 43 Resp: 82956

Ion	Ratio	Lower	Upper
43	100		
72	20.7	16.9	25.3





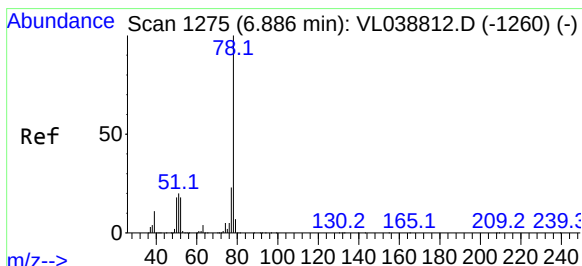
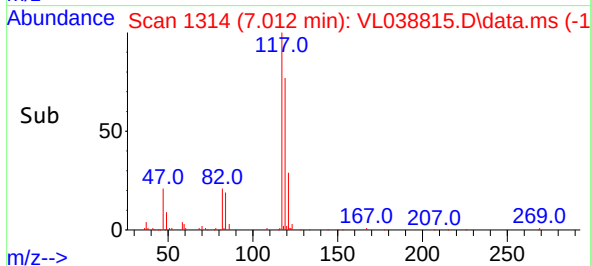
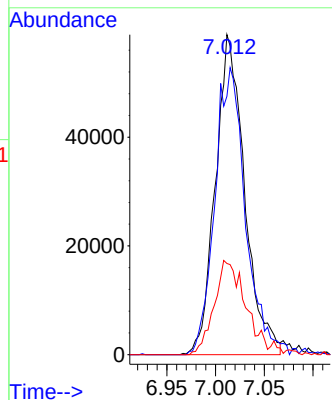
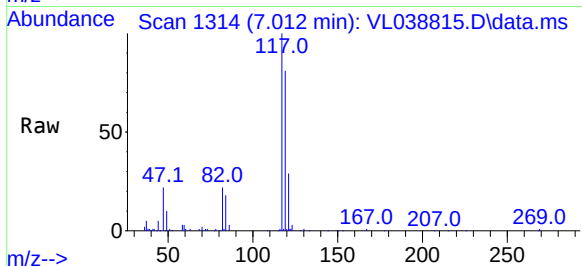
#35
Carbon Tetrachloride
Concen: 0.536 ppbv
RT: 7.012 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 117 Resp: 122540
Ion Ratio Lower Upper
117 100
119 80.8 77.7 116.5
121 28.5 24.5 36.7

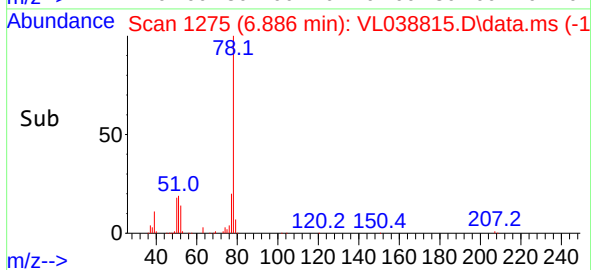
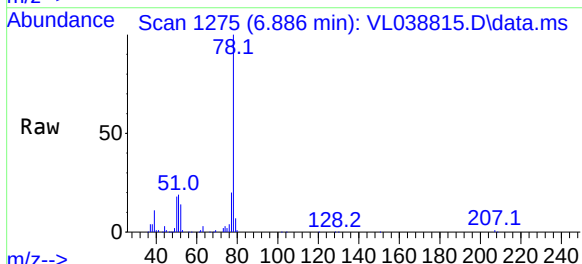
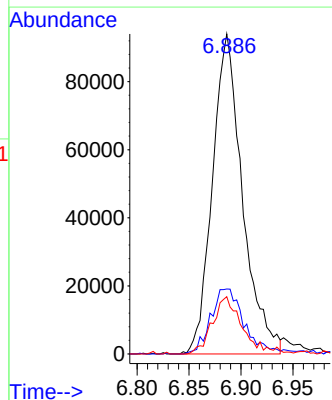
Manual Integrations
APPROVED

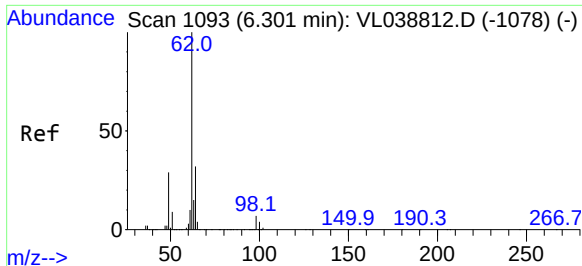
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#36
Benzene
Concen: 0.621 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

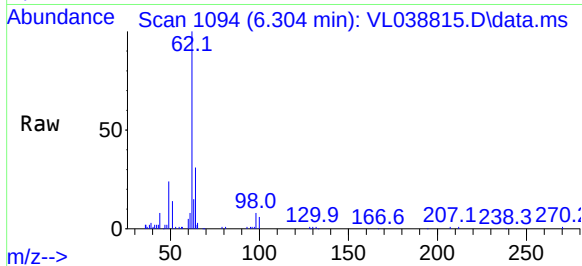
Tgt Ion: 78 Resp: 189045
Ion Ratio Lower Upper
78 100
77 20.3 18.2 27.2
50 17.9 14.0 21.0





#37
1,2-Dichloroethane
Concen: 0.542 ppbv
RT: 6.304 min Scan# 1093
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

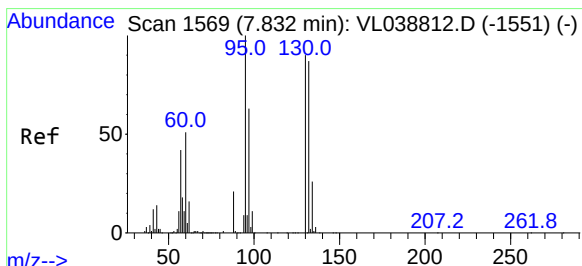
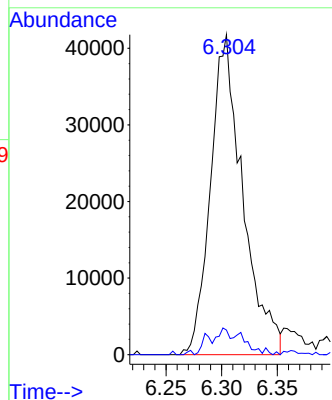
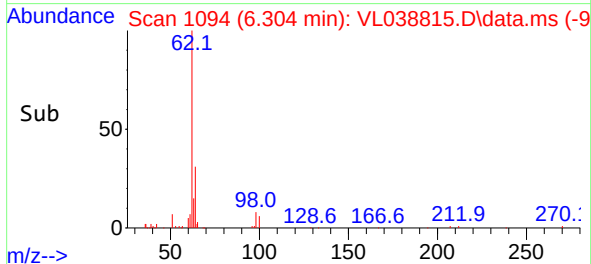
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 62 Resp: 8396
Ion Ratio Lower Upper
62 100
98 9.3 5.9 8.9

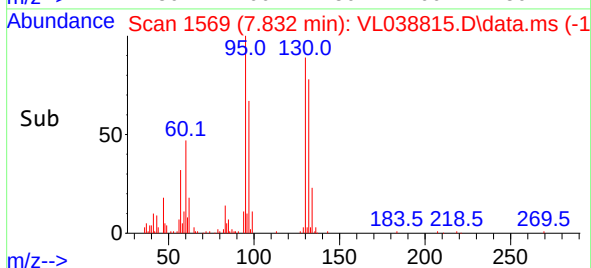
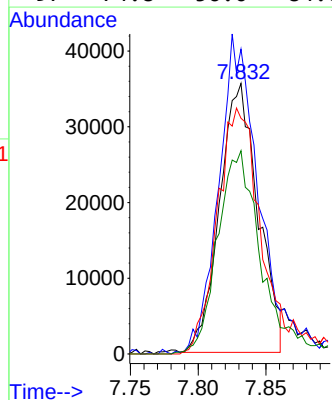
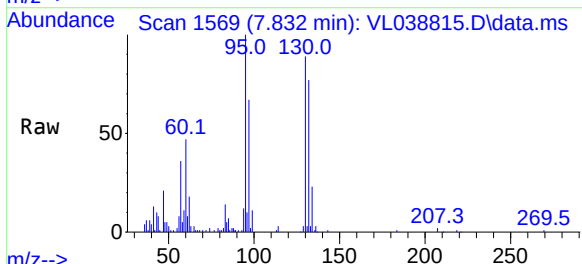
Manual Integrations
APPROVED

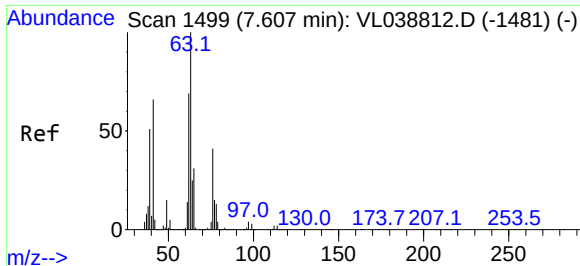
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#38
Trichloroethene
Concen: 0.551 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

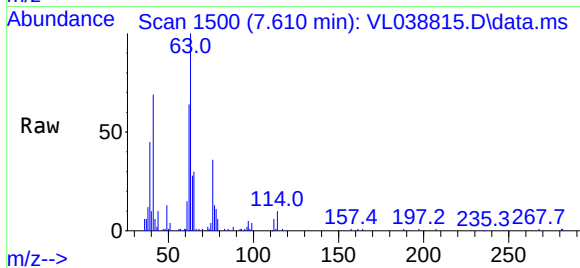
Tgt Ion:130 Resp: 70241
Ion Ratio Lower Upper
130 100
95 112.8 89.4 134.0
132 87.6 77.7 116.5
97 74.8 56.0 84.0





#39
1,2-Dichloropropane
Concen: 0.604 ppbv
RT: 7.610 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

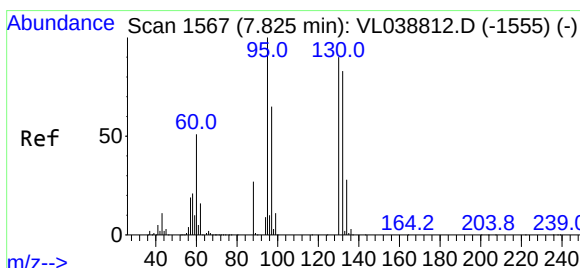
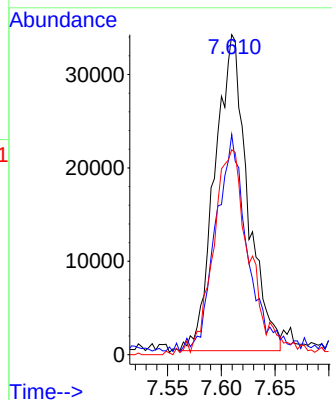
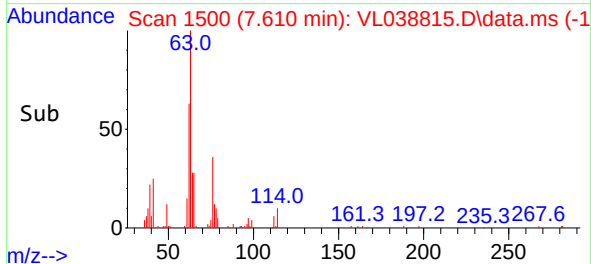
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



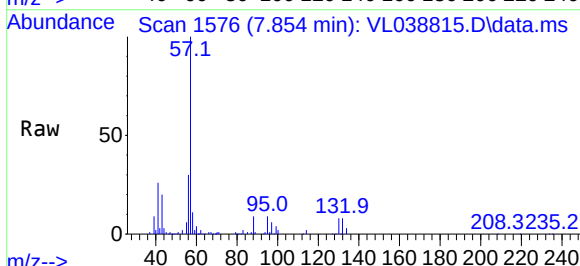
Tgt Ion: 63 Resp: 71879
Ion Ratio Lower Upper
63 100
41 68.7 53.0 79.6
62 64.2 55.0 82.4

Manual Integrations
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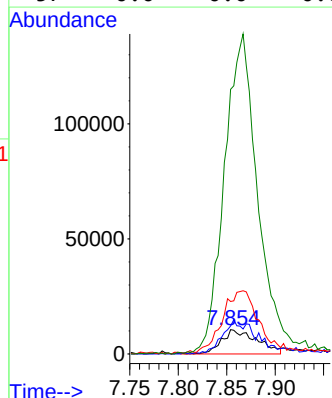
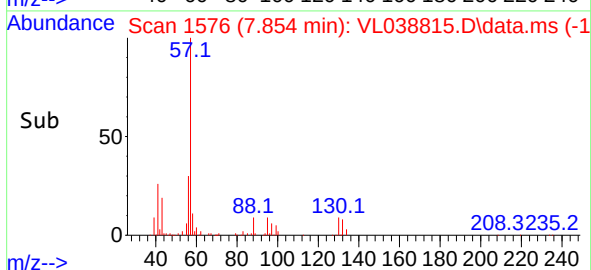
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

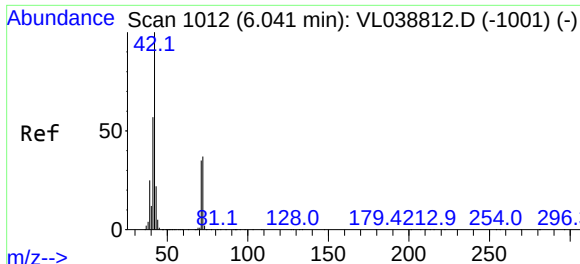


#40
1,4-Dioxane
Concen: 0.646 ppbv m
RT: 7.854 min Scan# 1576
Delta R.T. 0.029 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



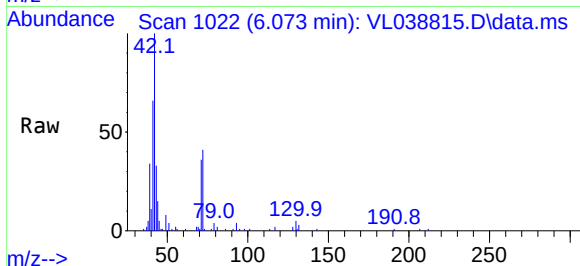
Tgt Ion: 88 Resp: 26680
Ion Ratio Lower Upper
88 100
58 0.0 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 0.640 ppbv m
RT: 6.073 min Scan# 1012
Delta R.T. 0.032 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

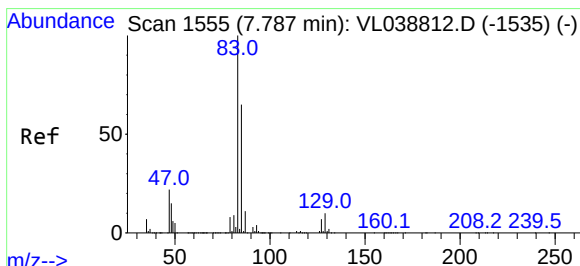
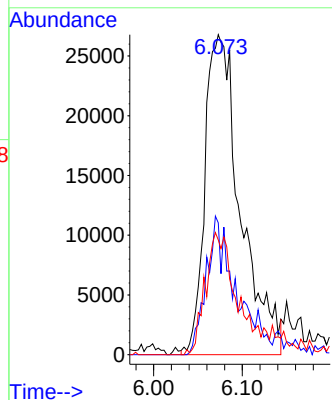
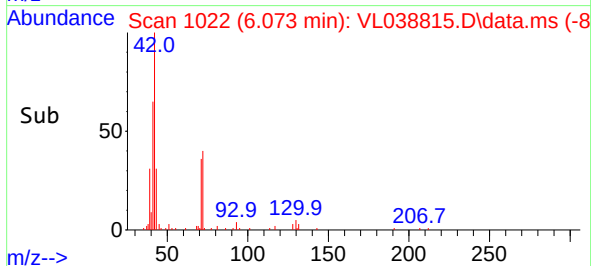
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 7437
Ion Ratio Lower Upper
42 100
72 40.7 31.4 47.0
71 40.0 30.2 45.4

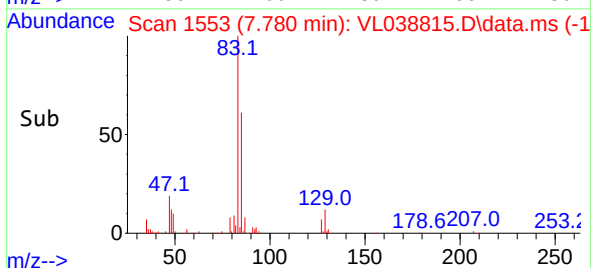
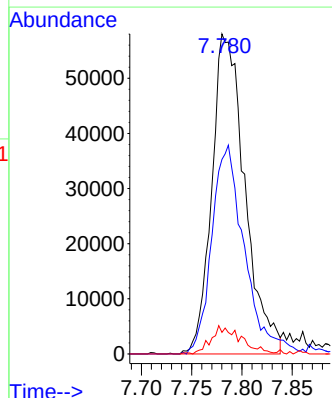
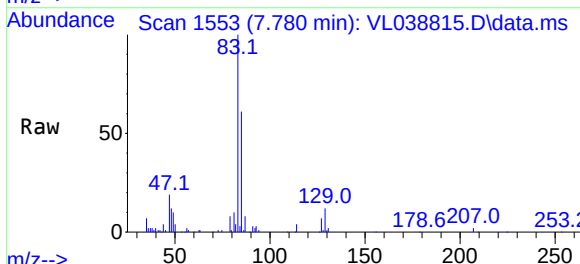
Manual Integrations
APPROVED

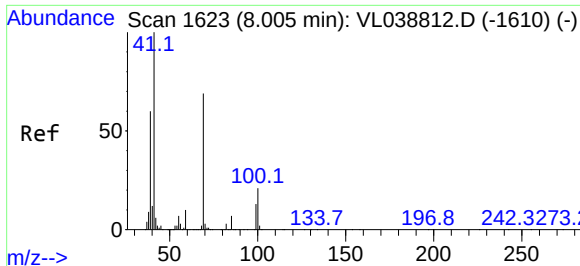
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#42
Bromodichloromethane
Concen: 0.570 ppbv
RT: 7.780 min Scan# 1553
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

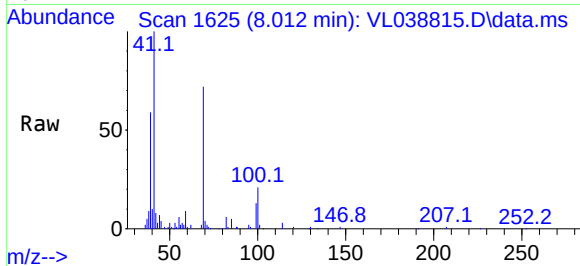
Tgt Ion: 83 Resp: 132368
Ion Ratio Lower Upper
83 100
85 60.8 51.7 77.5
127 6.8 5.9 8.9





#43
Methyl Methacrylate
Concen: 0.583 ppbv
RT: 8.012 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

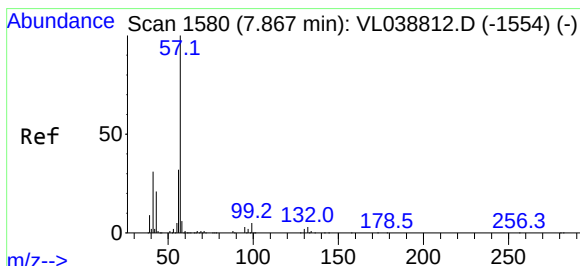
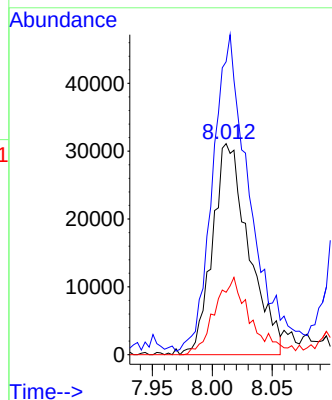
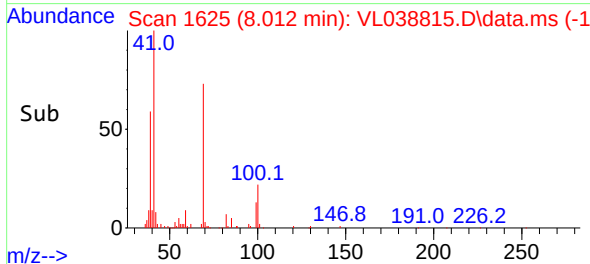
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



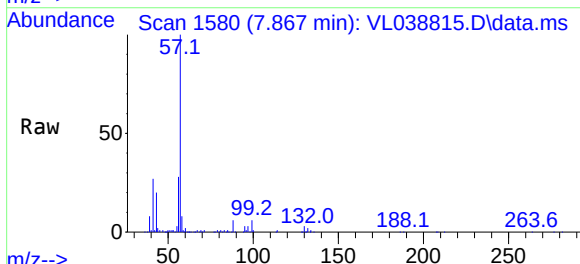
Tgt Ion: 69 Resp: 65834
Ion Ratio Lower Upper
69 100
41 154.6 119.0 178.4
100 36.2 26.4 39.6

Manual Integrations
APPROVED

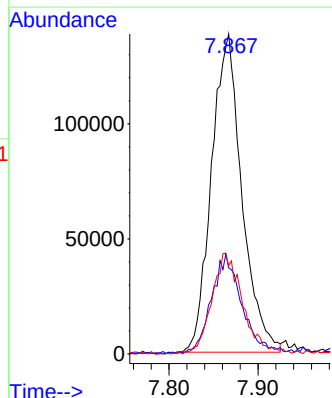
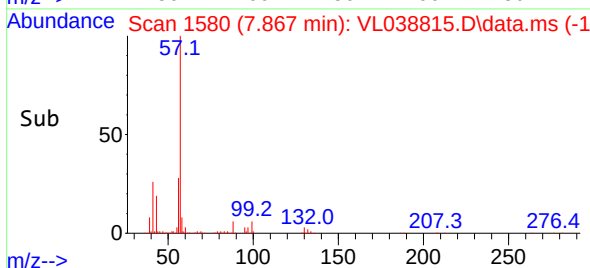
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

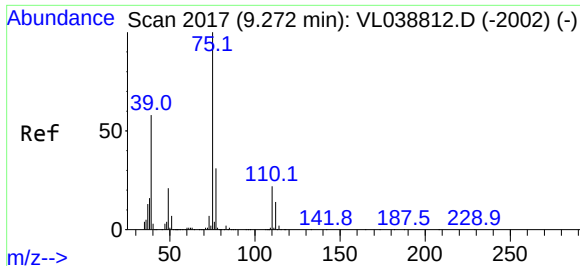


#44
2,2,4-Trimethylpentane
Concen: 0.642 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



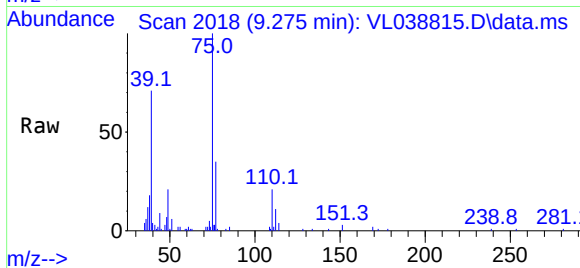
Tgt Ion: 57 Resp: 327895
Ion Ratio Lower Upper
57 100
41 30.6 25.0 37.4
56 32.5 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 0.538 ppbv
RT: 9.275 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

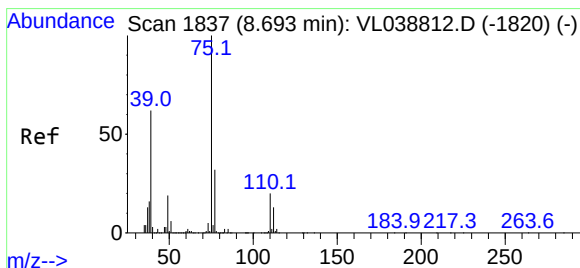
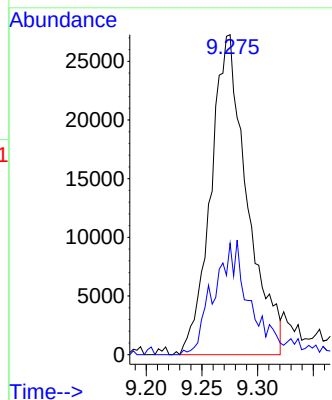
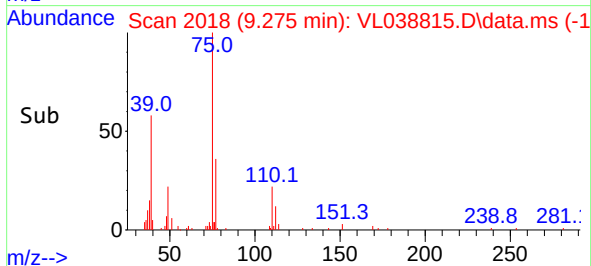
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 75 Resp: 61820
Ion Ratio Lower Upper
75 100
77 34.8 25.0 37.4

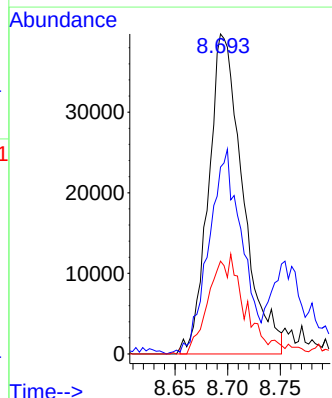
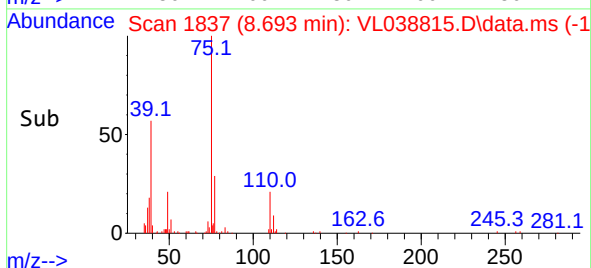
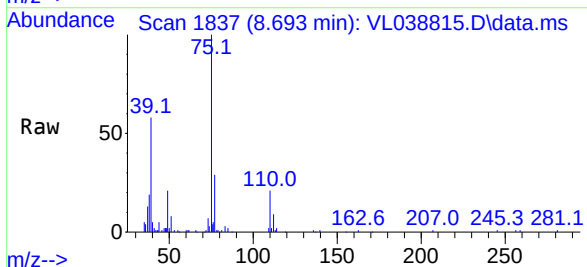
Manual Integrations
APPROVED

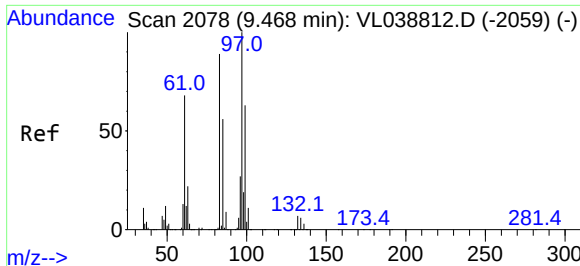
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#46
cis-1,3-Dichloropropene
Concen: 0.579 ppbv m
RT: 8.693 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Tgt Ion: 75 Resp: 90004
Ion Ratio Lower Upper
75 100
39 58.4 49.7 74.5
77 29.0 25.6 38.4





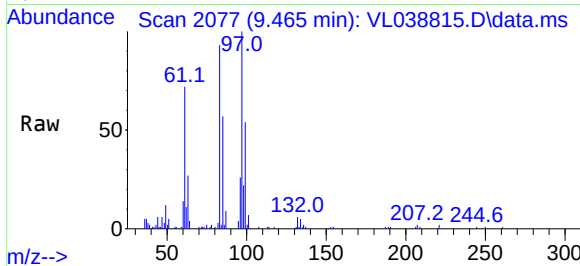
#47
1,1,2-Trichloroethane
Concen: 0.567 ppbv
RT: 9.465 min Scan# 2077
Delta R.T. -0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

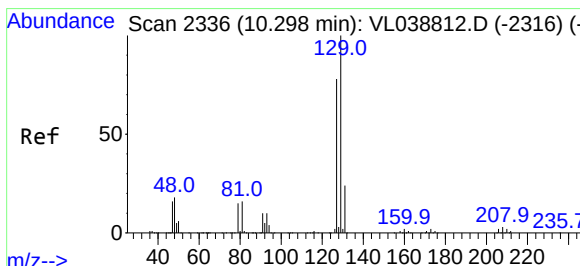
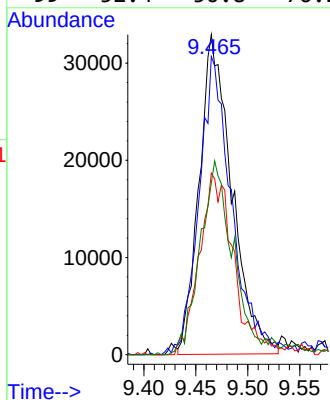
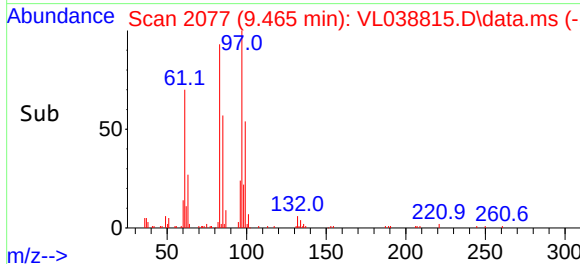


Tgt Ion: 97 Resp: 71979
Ion Ratio Lower Upper
97 100
83 92.3 71.1 106.7
85 56.1 45.1 67.7
99 52.4 50.8 76.2

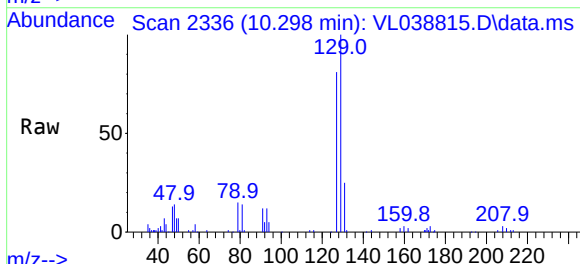
Manual Integrations

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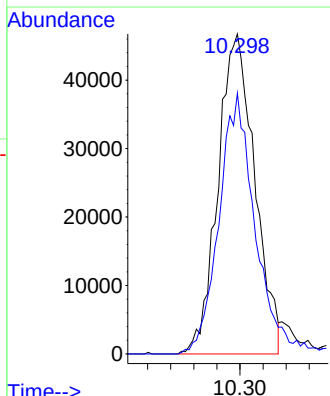
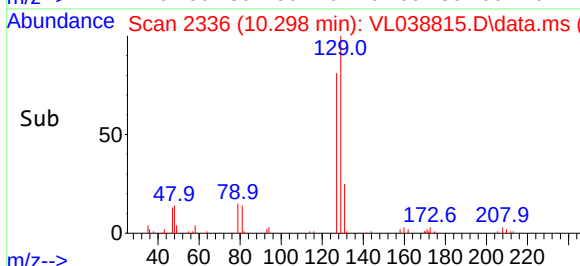
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

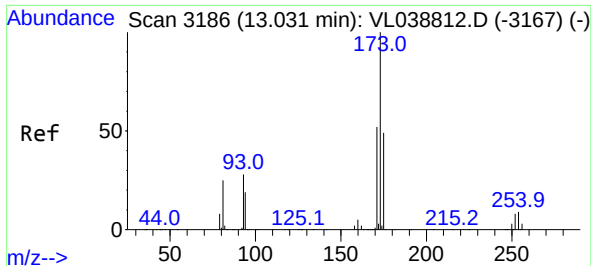


#48
Dibromochloromethane
Concen: 0.518 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



Tgt Ion:129 Resp: 103169
Ion Ratio Lower Upper
129 100
127 80.4 38.9 116.6





#49

Bromoform

Concen: 0.491 ppbv

RT: 13.027 min Scan# 3186

Delta R.T. -0.003 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

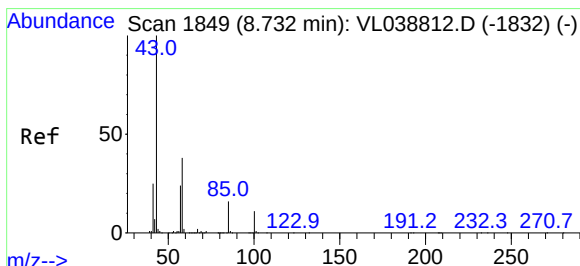
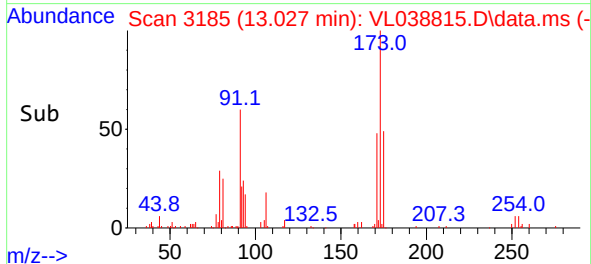
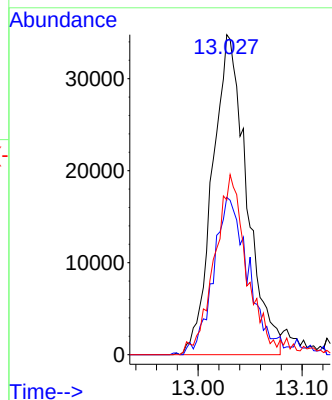
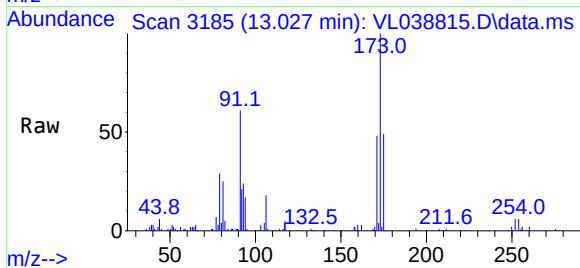
VSTDIC0.5

Tgt Ion:173	Resp:	79629
Ion Ratio	Lower	Upper
173	100	
175	52.9	39.9 59.9
171	55.7	43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#50

4-Methyl-2-Pentanone

Concen: 0.563 ppbv

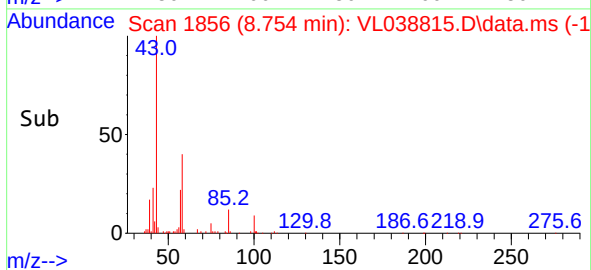
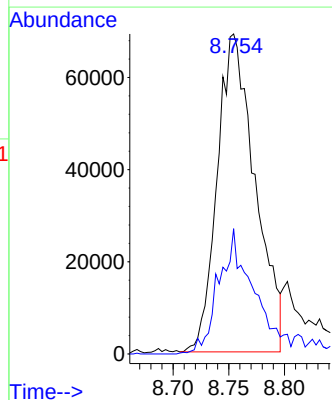
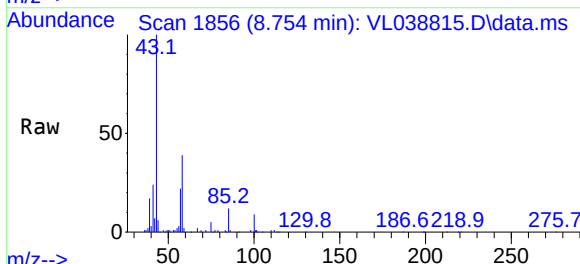
RT: 8.754 min Scan# 1856

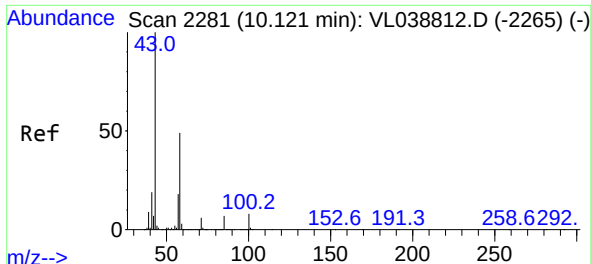
Delta R.T. 0.022 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

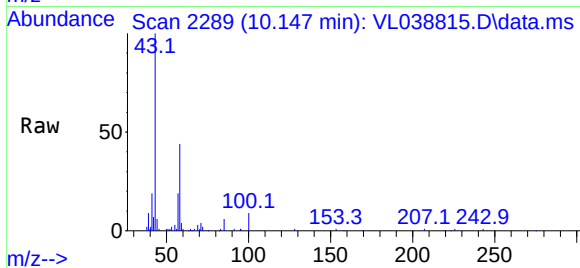
Tgt Ion: 43	Resp:	163419
Ion Ratio	Lower	Upper
43	100	
58	35.8	29.0 43.6





#51
2-Hexanone
Concen: 0.603 ppbv m
RT: 10.147 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

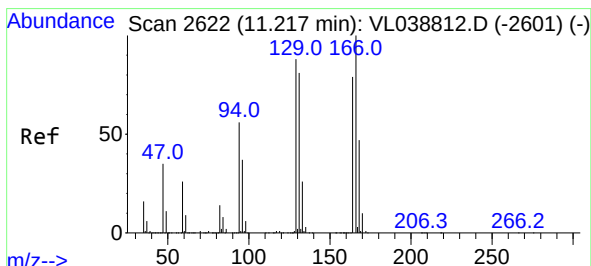
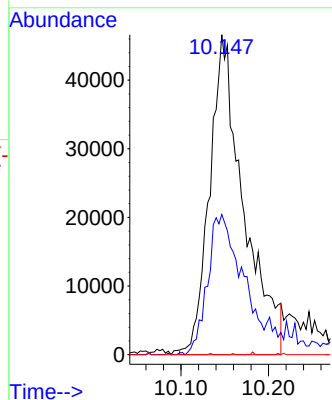
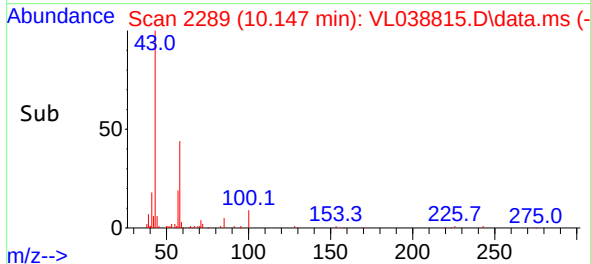
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



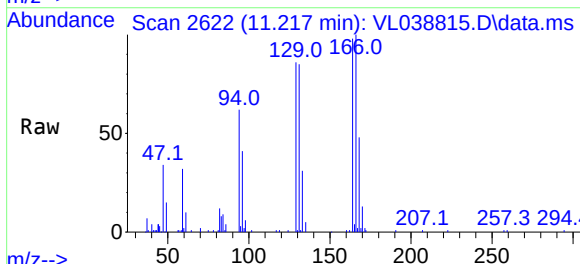
Tgt Ion: 43 Resp: 125630
Ion Ratio Lower Upper
43 100
58 51.8 41.4 62.0
98 0.0 0.1 0.1

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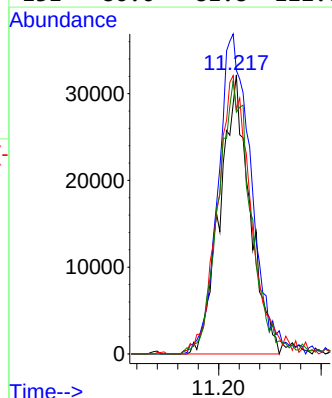
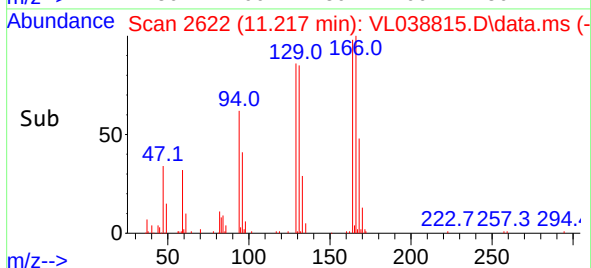
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

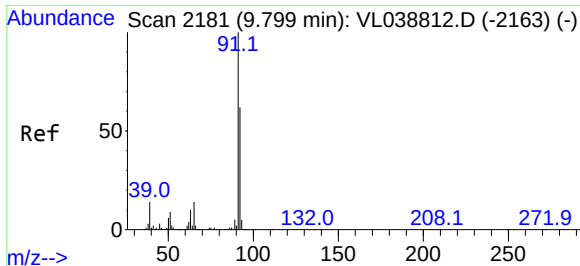


#52
Tetrachloroethene
Concen: 0.586 ppbv m
RT: 11.217 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



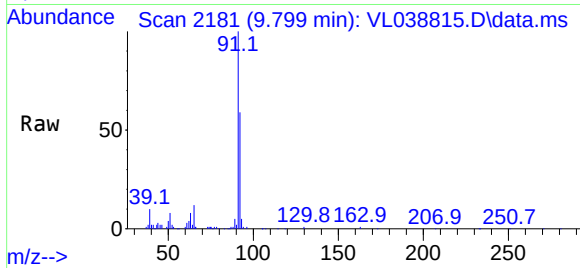
Tgt Ion:164 Resp: 65287
Ion Ratio Lower Upper
164 100
166 101.6 101.0 151.6
129 87.6 88.7 133.1#
131 86.6 81.8 122.6





#53
Toluene
Concen: 0.664 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

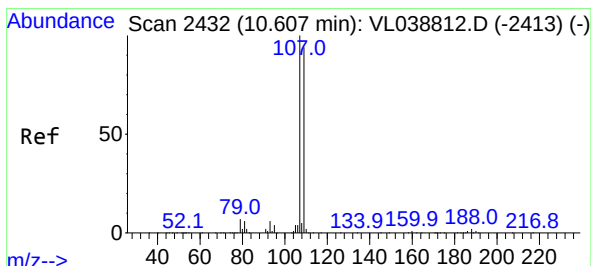
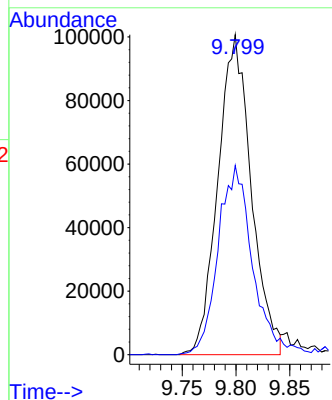
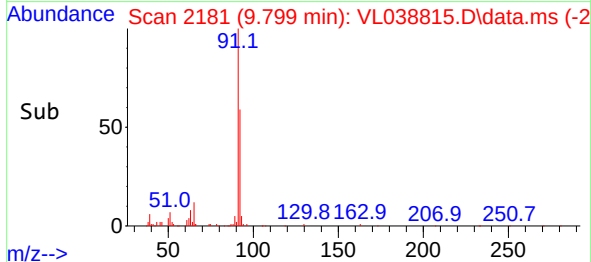
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



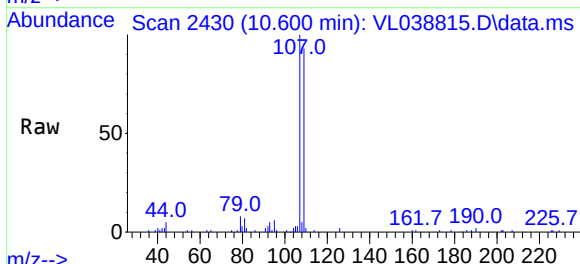
Tgt Ion: 91 Resp: 21718
Ion Ratio Lower Upper
91 100
92 61.0 49.2 73.8

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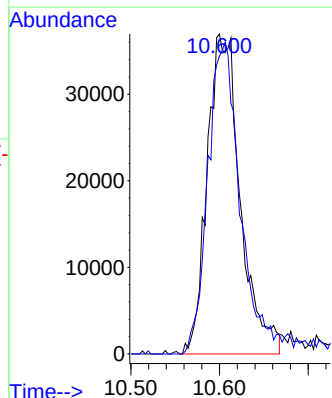
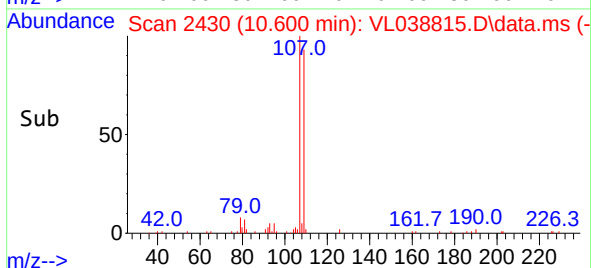
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

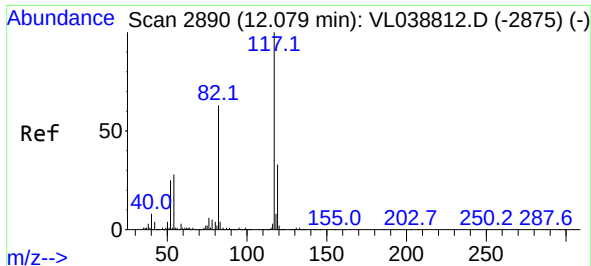


#54
1,2-Dibromoethane
Concen: 0.551 ppbv m
RT: 10.600 min Scan# 2430
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



Tgt Ion:107 Resp: 95554
Ion Ratio Lower Upper
107 100
109 93.1 75.5 113.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.079 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:117 Resp: 359474

Ion Ratio Lower Upper

117 100

82 64.6 53.0 79.6

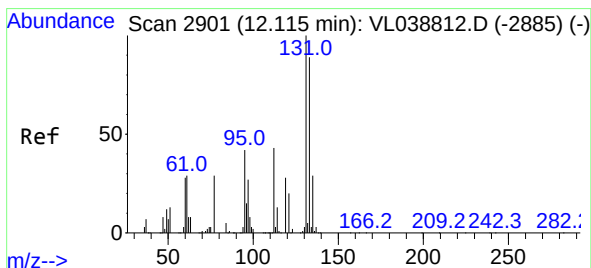
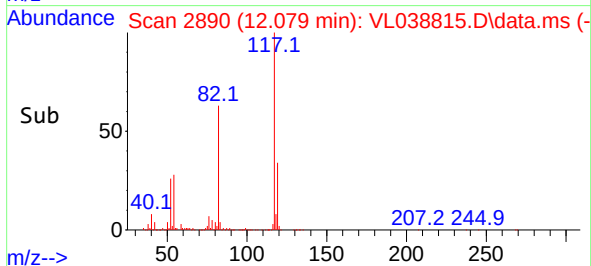
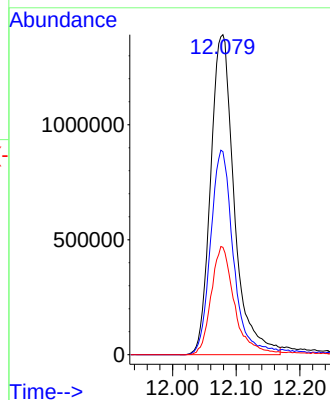
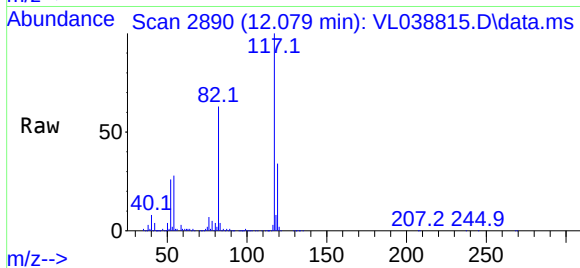
119 34.0 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 0.548 ppbv

RT: 12.114 min Scan# 2901

Delta R.T. -0.000 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

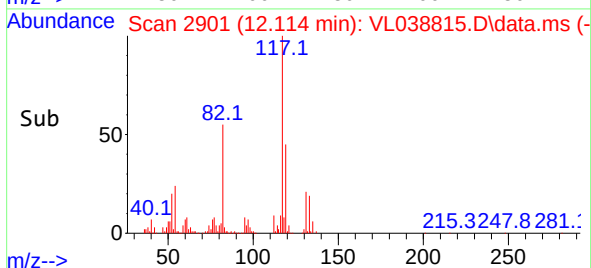
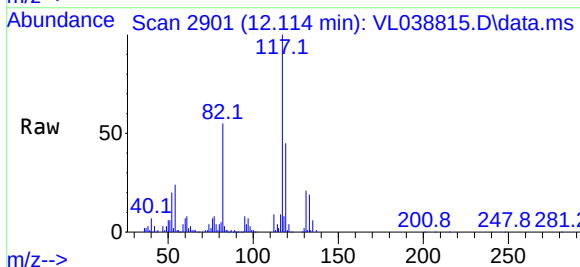
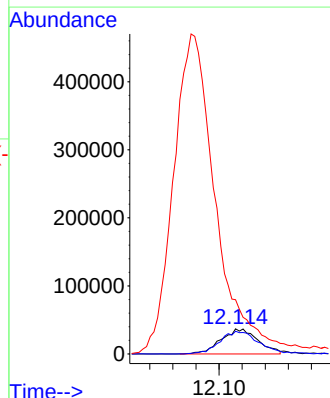
Tgt Ion:131 Resp: 81708

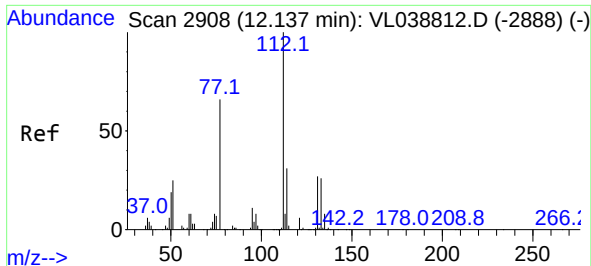
Ion Ratio Lower Upper

131 100

133 97.9 78.2 117.4

119 1496.0 58.6 87.8#





#57

Chlorobenzene

Concen: 0.614 ppbv

RT: 12.140 min Scan# 2909

Delta R.T. 0.003 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

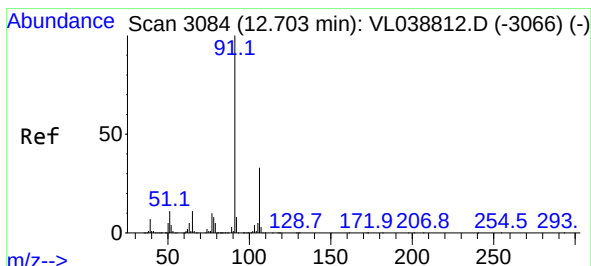
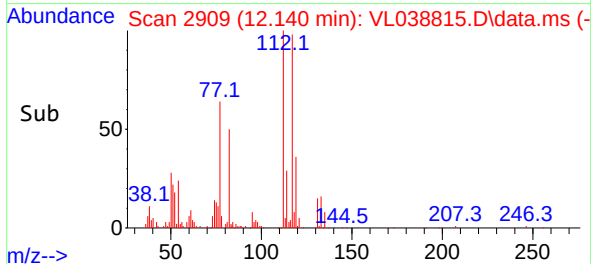
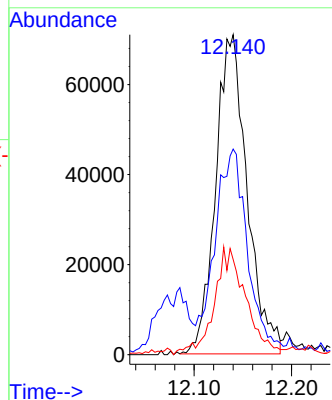
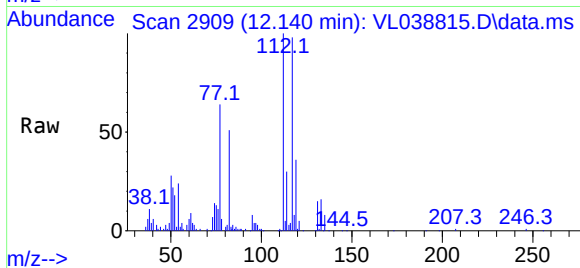
VSTDIC0.5

Tgt Ion:	112	Resp:	159310
Ion	Ratio	Lower	Upper
112	100		
77	60.7	52.4	78.6
114	28.2	28.1	34.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#58

Ethyl Benzene

Concen: 0.674 ppbv

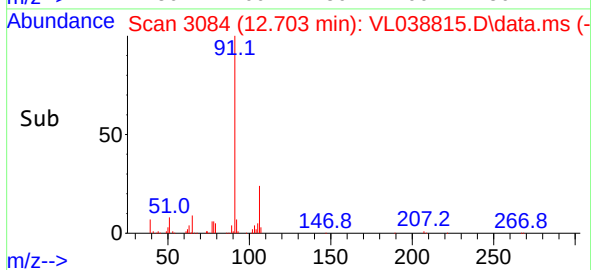
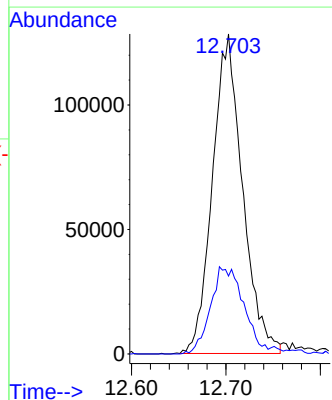
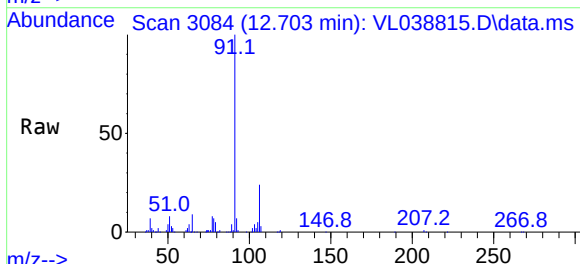
RT: 12.703 min Scan# 3084

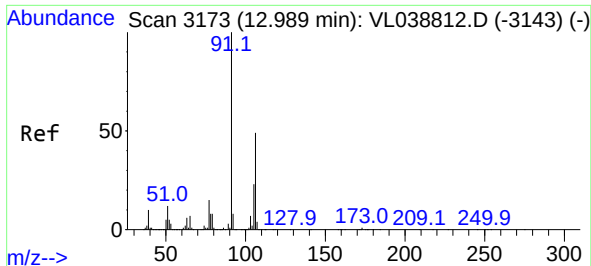
Delta R.T. -0.000 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

Tgt Ion:	91	Resp:	283097
Ion	Ratio	Lower	Upper
91	100		
106	24.4	26.7	40.1#





#59

m/p-Xylene

Concen: 1.340 ppbv m

RT: 12.982 min Scan# 3171

Delta R.T. -0.007 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 91 Resp: 49244

Ion Ratio Lower Upper

91 100

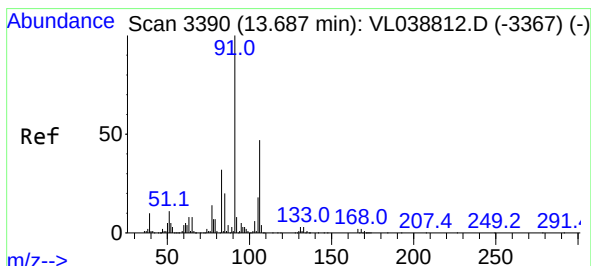
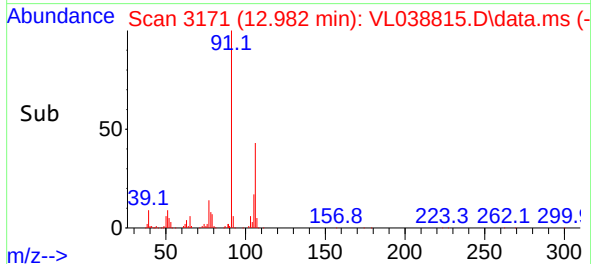
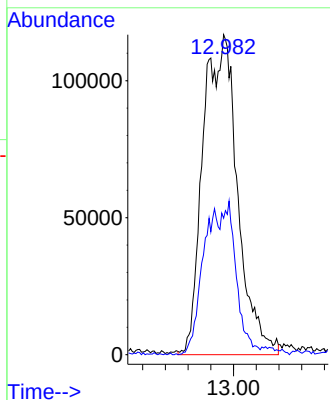
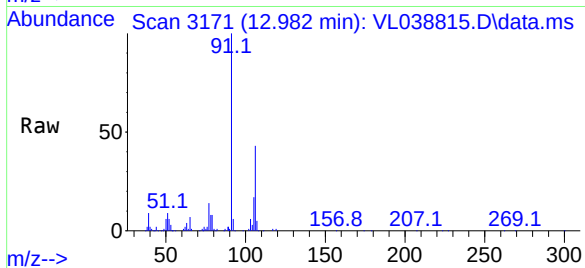
106 43.6 37.1 55.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#60

o-Xylene

Concen: 0.636 ppbv

RT: 13.677 min Scan# 3387

Delta R.T. -0.010 min

Lab File: VL038815.D

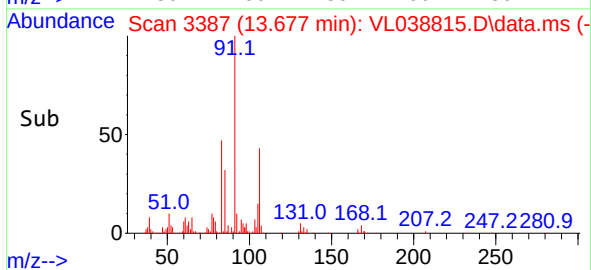
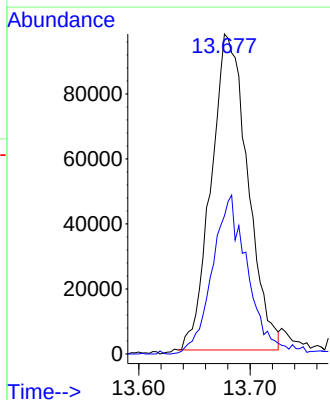
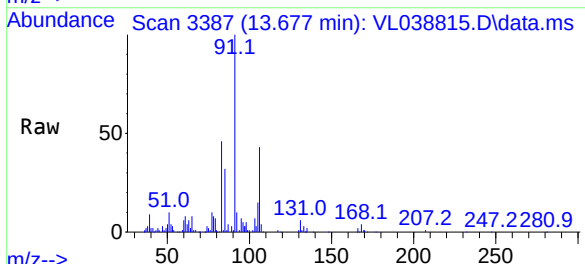
Acq: 5 Apr 2022 17:50

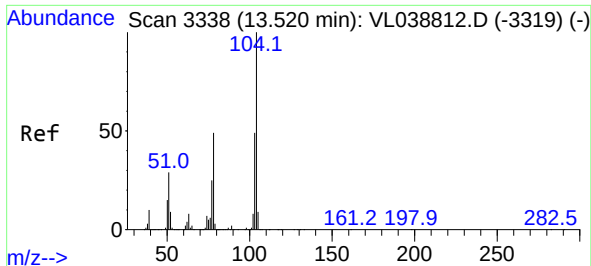
Tgt Ion: 91 Resp: 221910

Ion Ratio Lower Upper

91 100

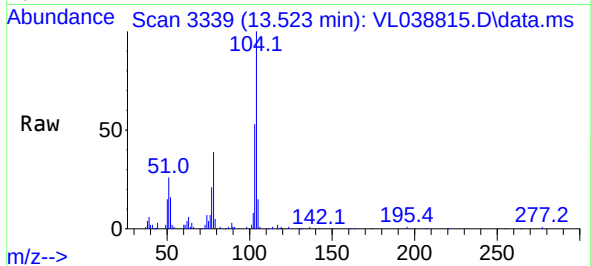
106 50.5 23.8 71.4





#61
Styrene
Concen: 0.674 ppbv m
RT: 13.523 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

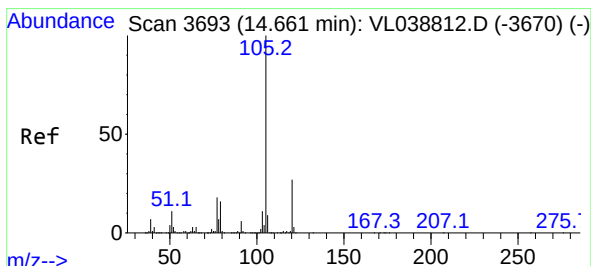
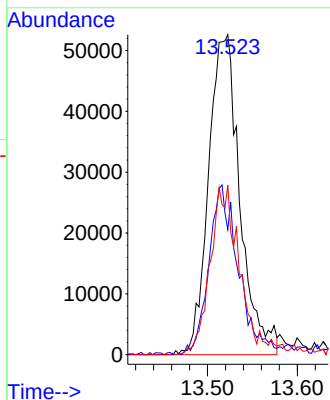
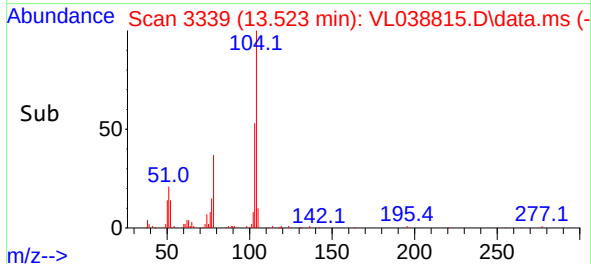
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



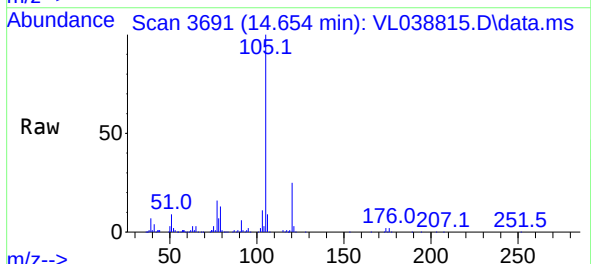
Tgt Ion:104 Resp: 127590
Ion Ratio Lower Upper
104 100
78 51.7 40.5 60.7
103 50.1 39.0 58.4

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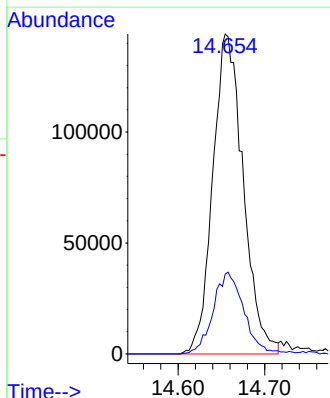
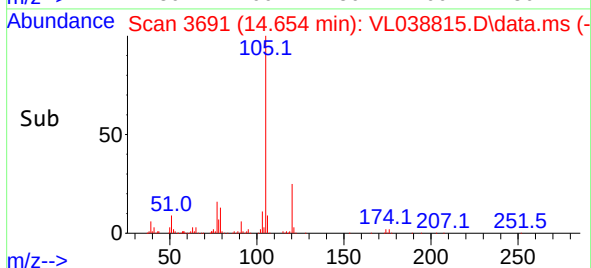
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

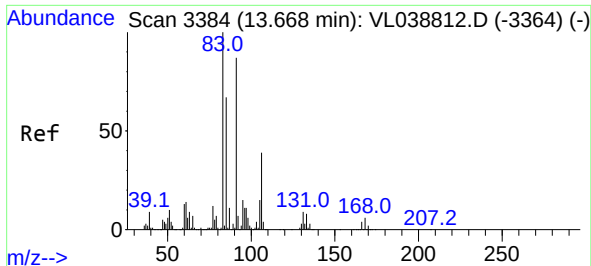


#62
Isopropylbenzene
Concen: 0.669 ppbv
RT: 14.654 min Scan# 3691
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



Tgt Ion:105 Resp: 351131
Ion Ratio Lower Upper
105 100
120 26.3 21.8 32.8





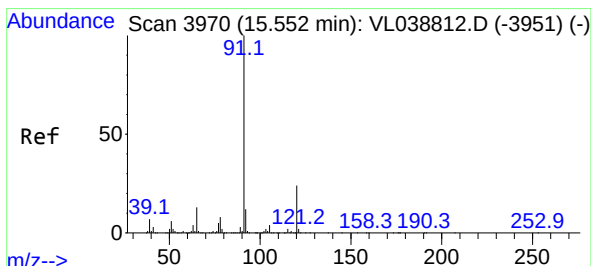
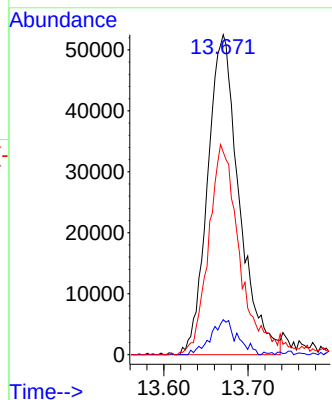
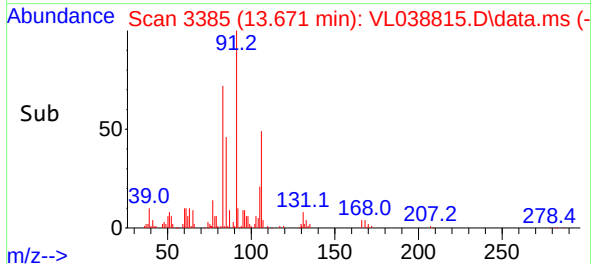
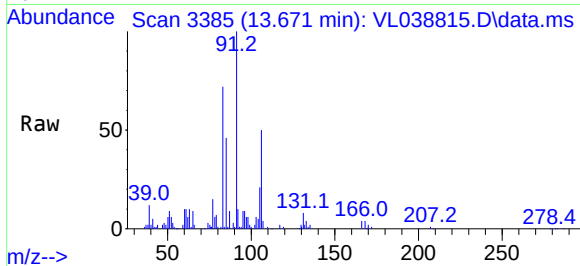
#63
1,1,2,2-Tetrachloroethane
Concen: 0.505 ppbv
RT: 13.671 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 13655
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 66.9 33.0 99.0

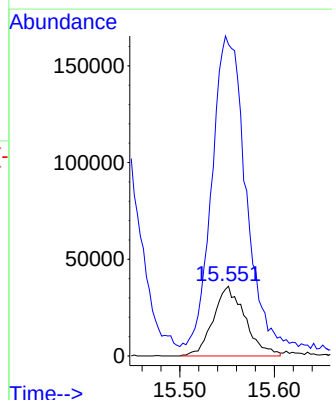
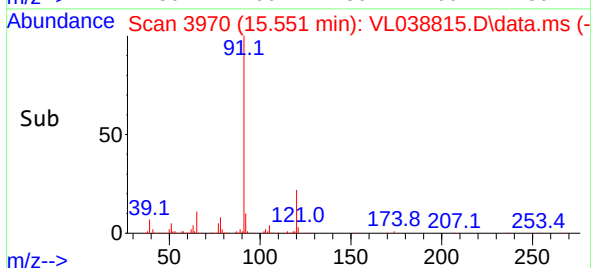
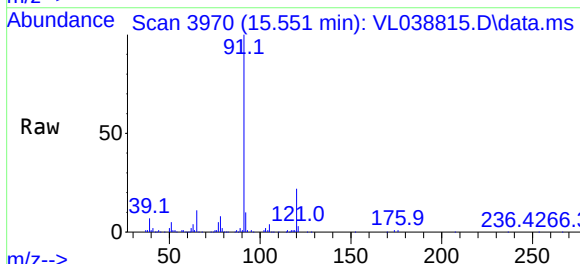
Manual Integrations
APPROVED

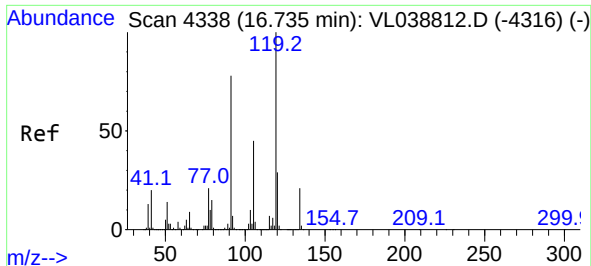
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#64
n-propylbenzene
Concen: 0.614 ppbv
RT: 15.551 min Scan# 3970
Delta R.T. -0.000 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Tgt Ion:120 Resp: 84505
Ion Ratio Lower Upper
120 100
91 510.8 360.6 540.8





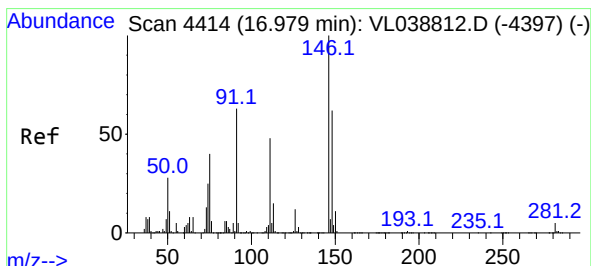
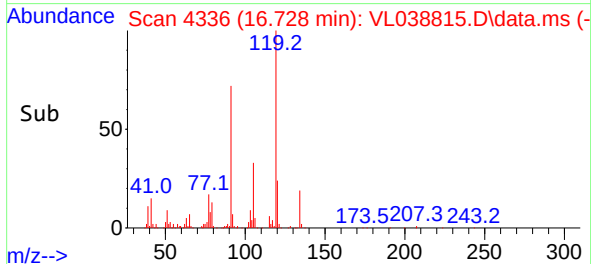
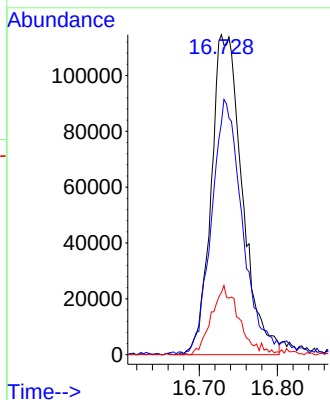
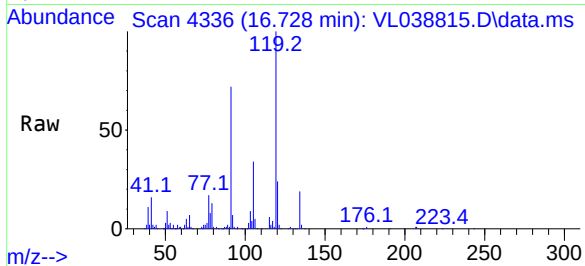
#65
tert-Butylbenzene
Concen: 0.669 ppbv m
RT: 16.728 min Scan# 4336
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 315519
Ion Ratio Lower Upper
119 100
91 82.0 62.8 94.2
134 19.4 16.2 24.4

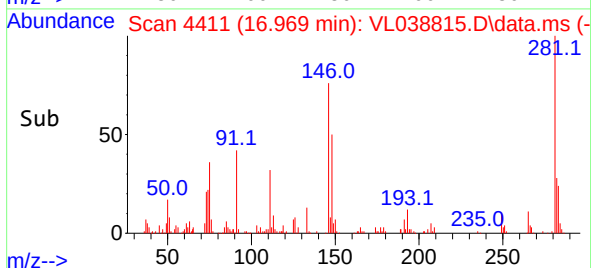
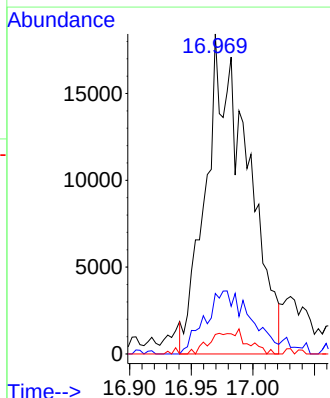
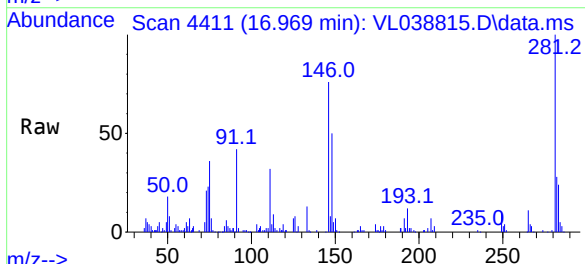
Manual Integrations
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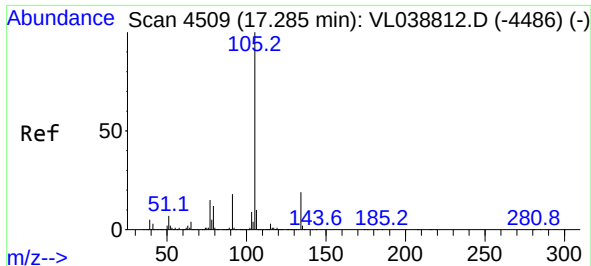
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#66
Benzyl Chloride
Concen: 0.488 ppbv m
RT: 16.969 min Scan# 4411
Delta R.T. -0.010 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

Tgt Ion: 91 Resp: 43558
Ion Ratio Lower Upper
91 100
126 23.7 15.4 23.0#
128 0.0 4.7 7.1#





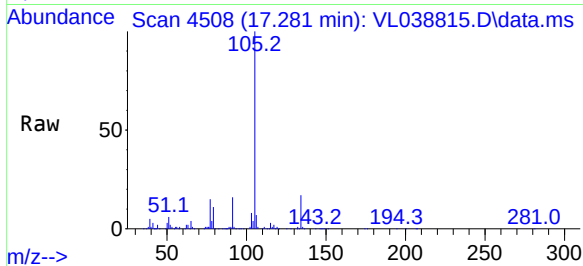
#67
 sec-Butylbenzene
 Concen: 0.642 ppbv
 RT: 17.281 min Scan# 4509
 Delta R.T. -0.003 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

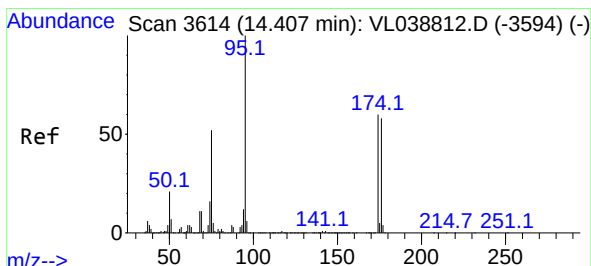
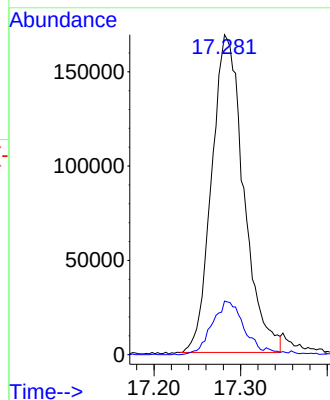
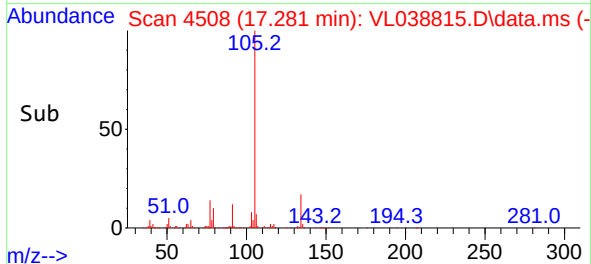


Tgt Ion:105 Resp: 432789
 Ion Ratio Lower Upper
 105 100
 134 17.7 15.1 22.7

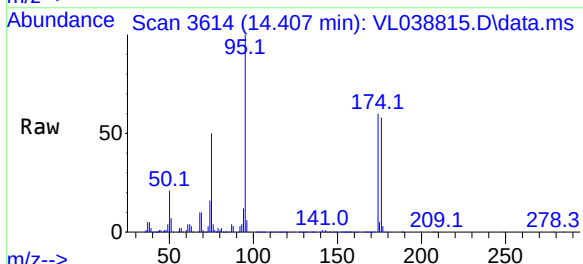
Manual Integrations

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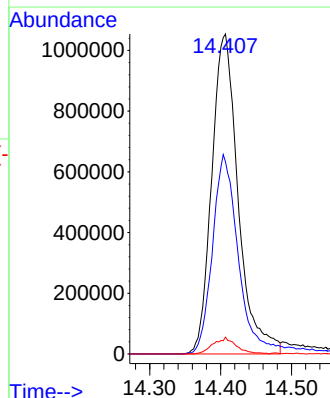
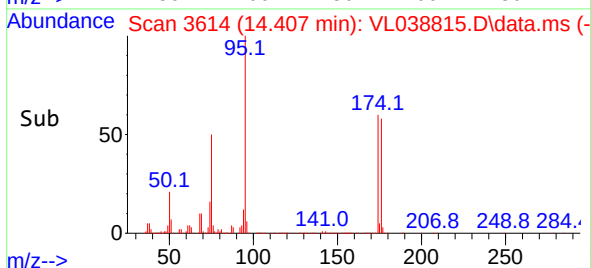
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

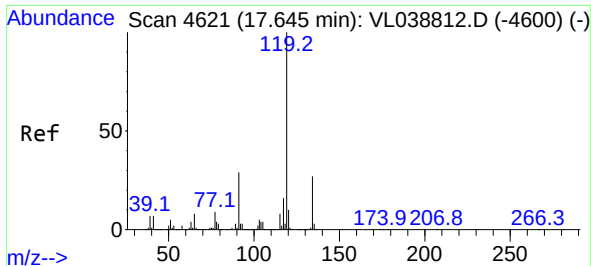


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.929 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50



Tgt Ion: 95 Resp: 2736477
 Ion Ratio Lower Upper
 95 100
 174 64.0 52.0 78.0
 175 4.7 4.0 6.0





#69

p-Isopropyltoluene

Concen: 0.613 ppbv

RT: 17.648 min Scan# 4621

Delta R.T. 0.003 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion:119 Resp: 33746

Ion Ratio Lower Upper

119 100

134 27.1 20.8 31.2

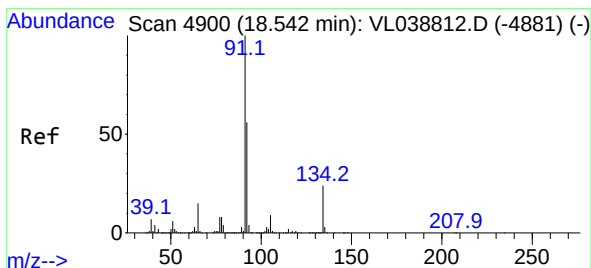
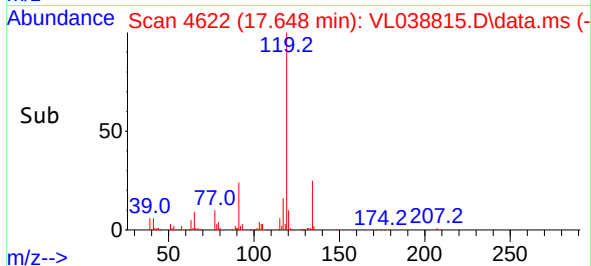
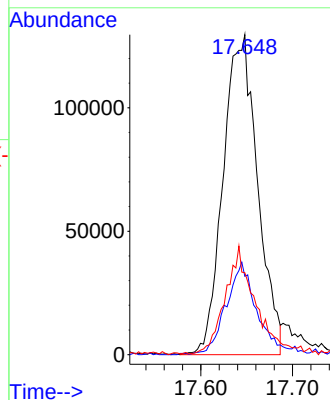
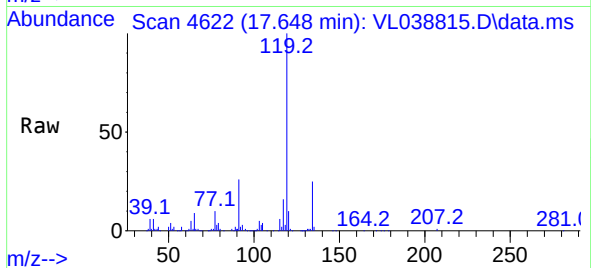
91 29.7 22.6 34.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/07/2022

Supervised By :Mahesh Dadoda 04/07/2022



#70

n-Butylbenzene

Concen: 0.587 ppbv

RT: 18.538 min Scan# 4899

Delta R.T. -0.003 min

Lab File: VL038815.D

Acq: 5 Apr 2022 17:50

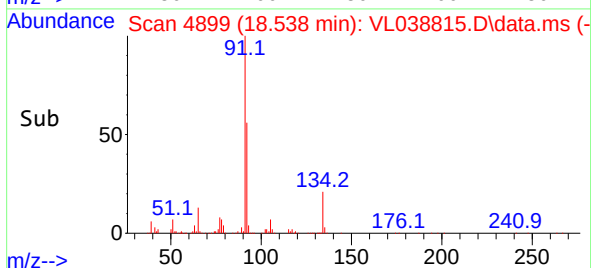
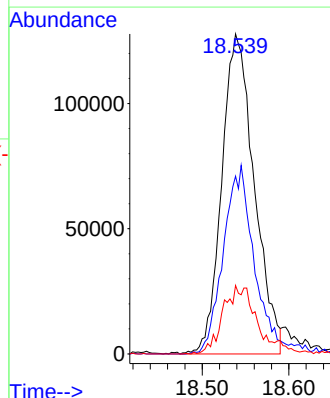
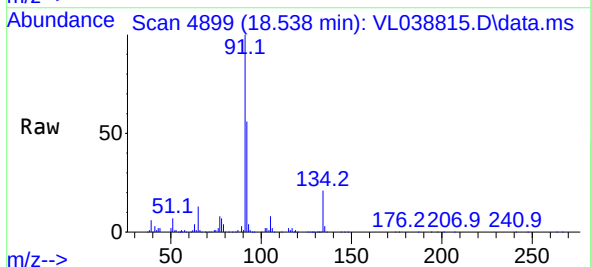
Tgt Ion: 91 Resp: 333094

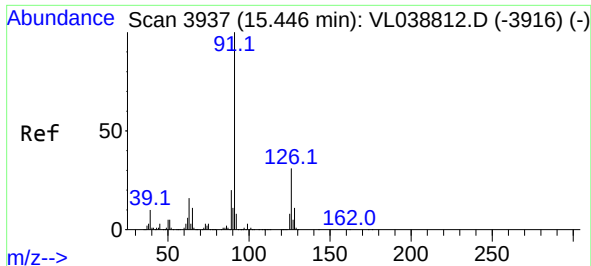
Ion Ratio Lower Upper

91 100

92 57.6 44.6 66.8

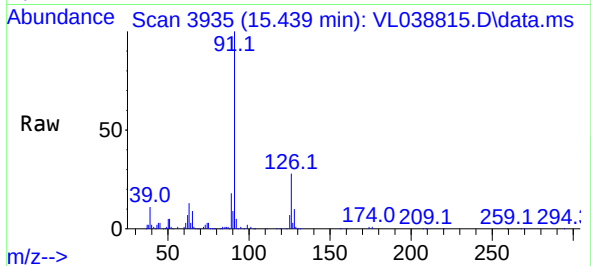
134 22.7 19.2 28.8





#71
2-Chlorotoluene
Concen: 0.649 ppbv m
RT: 15.439 min Scan# 3935
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

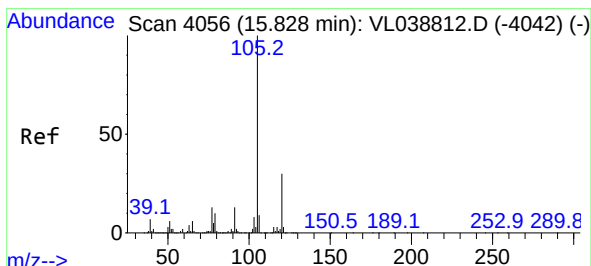
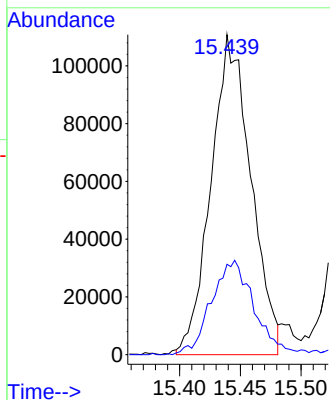
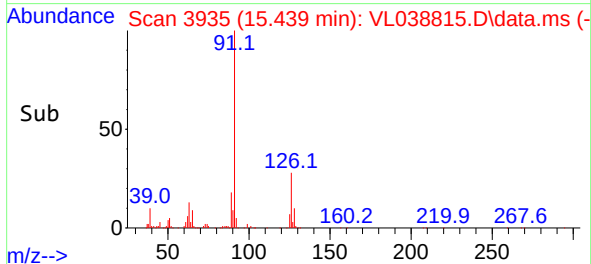
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



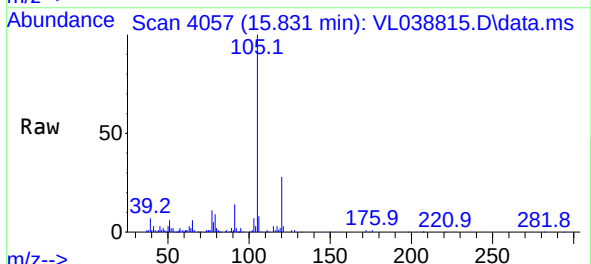
Tgt Ion: 91 Resp: 252798
Ion Ratio Lower Upper
91 100
126 3.4 13.0 51.8

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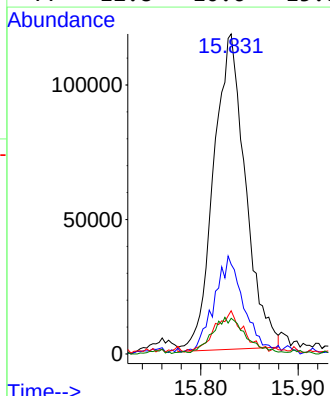
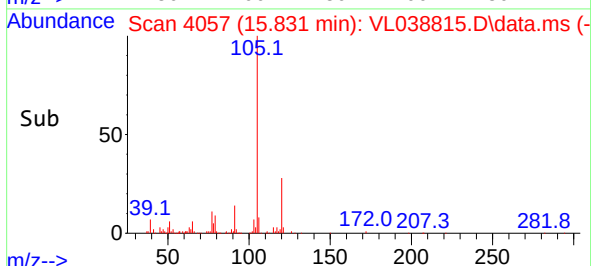
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

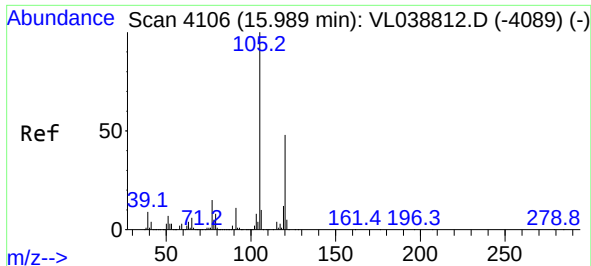


#72
4-Ethyltoluene
Concen: 0.645 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



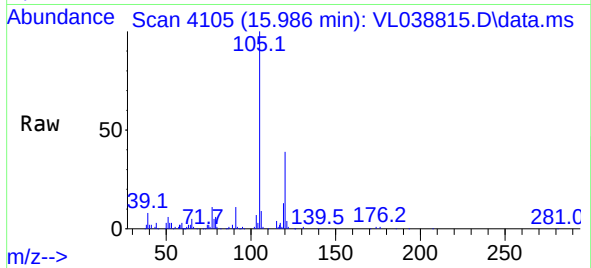
Tgt Ion:105 Resp: 265619
Ion Ratio Lower Upper
105 100
120 29.5 24.3 36.5
91 12.2 9.4 14.2
77 12.8 10.6 15.8





#73
1,3,5-Trimethylbenzene
Concen: 0.614 ppbv
RT: 15.986 min Scan# 4105
Delta R.T. -0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

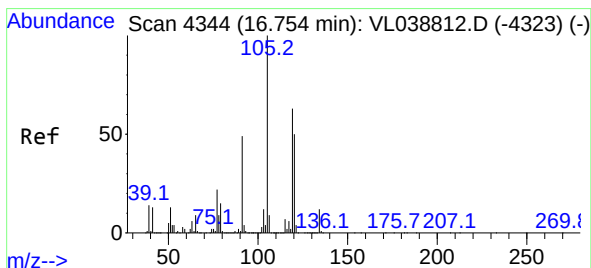
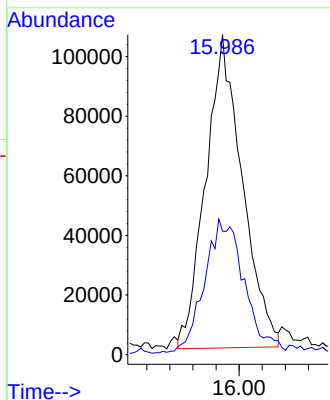
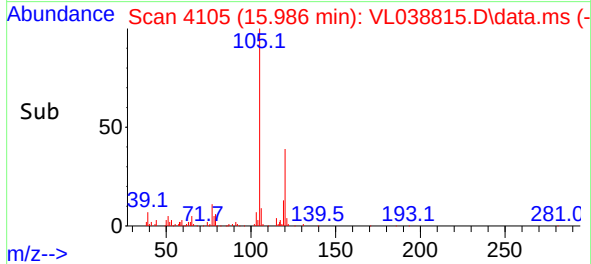
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



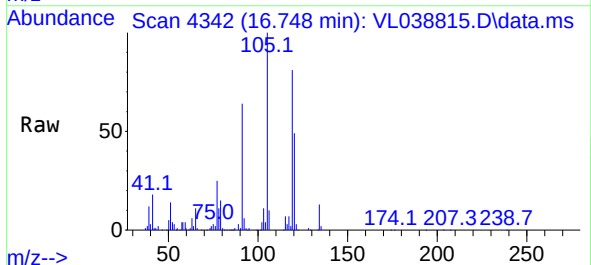
Tgt Ion:105 Resp: 230673
Ion Ratio Lower Upper
105 100
120 37.9 38.7 58.1

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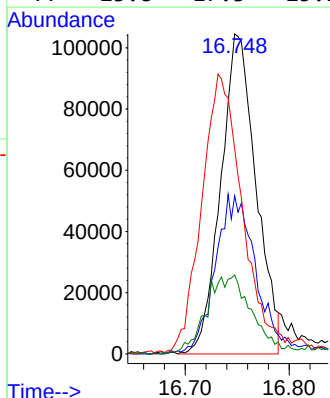
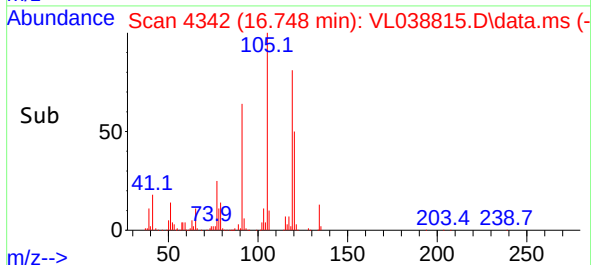
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

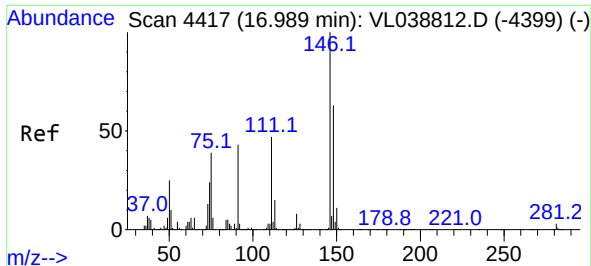


#74
1,2,4-Trimethylbenzene
Concen: 0.603 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



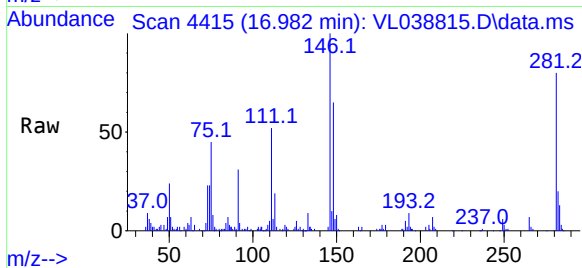
Tgt Ion:105 Resp: 246430
Ion Ratio Lower Upper
105 100
120 48.4 39.8 59.8
91 59.2 39.4 59.0#
77 23.8 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 0.564 ppbv m
RT: 16.982 min Scan# 4415
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

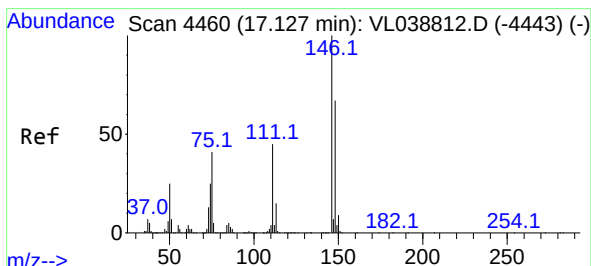
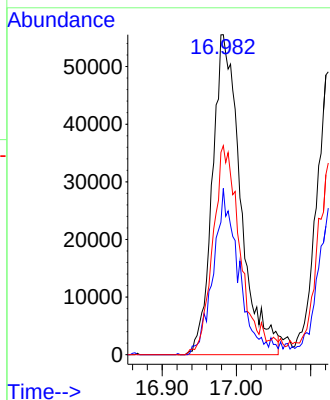
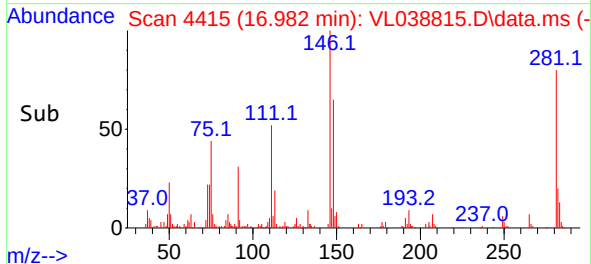
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5



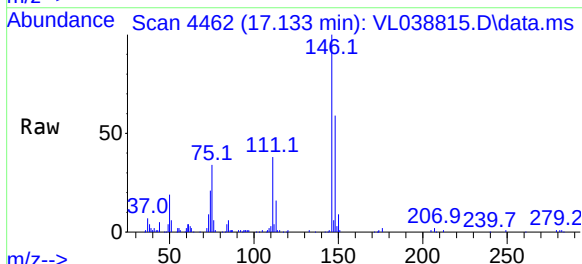
Tgt Ion:146 Resp: 14690
Ion Ratio Lower Upper
146 100
111 48.2 23.8 71.2
148 64.5 31.8 95.4

Manual Integrations
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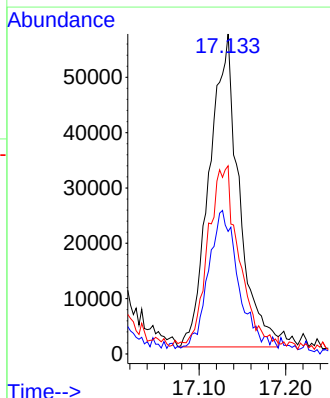
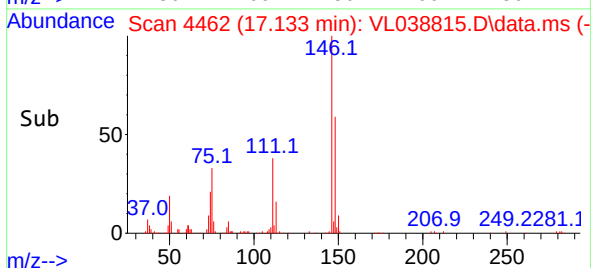
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

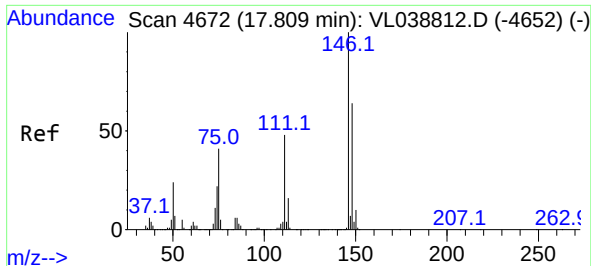


#76
1,4-Dichlorobenzene
Concen: 0.519 ppbv
RT: 17.133 min Scan# 4462
Delta R.T. 0.006 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



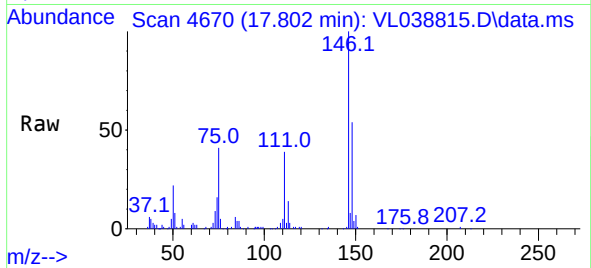
Tgt Ion:146 Resp: 134455
Ion Ratio Lower Upper
146 100
111 51.2 23.6 70.8
148 69.5 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 0.582 ppbv m
RT: 17.802 min Scan# 4672
Delta R.T. -0.007 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

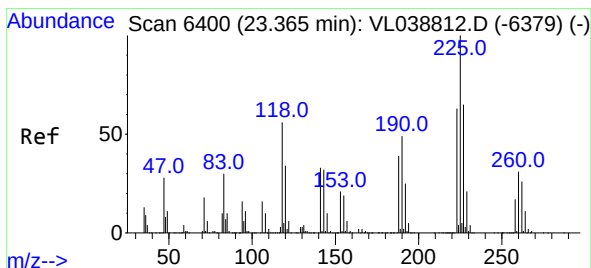
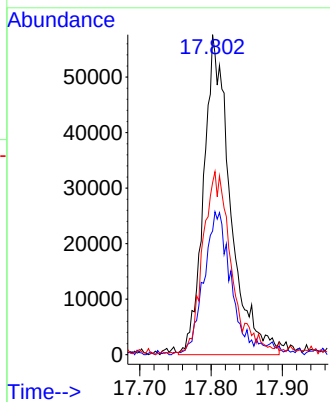
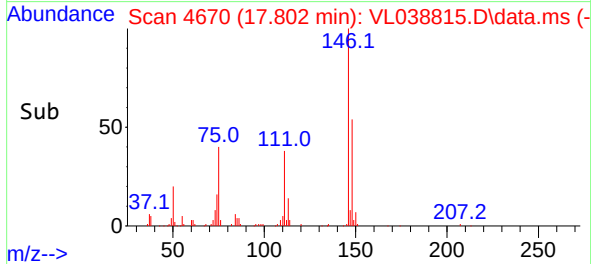
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



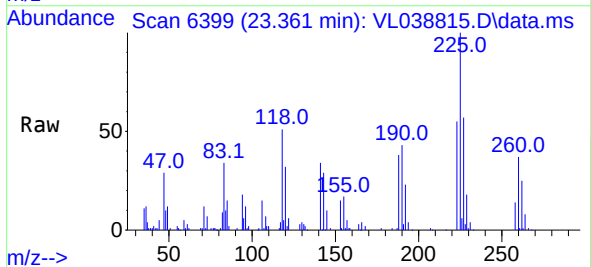
Tgt Ion:146 Resp: 150290
Ion Ratio Lower Upper
146 100
111 0.0 24.8 74.3
148 0.0 31.9 95.7

Manual Integrations
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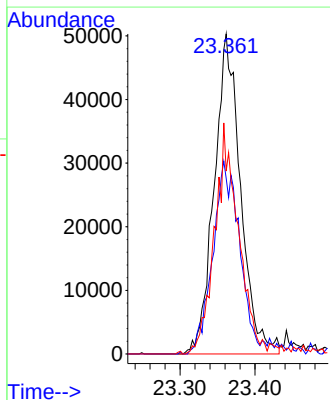
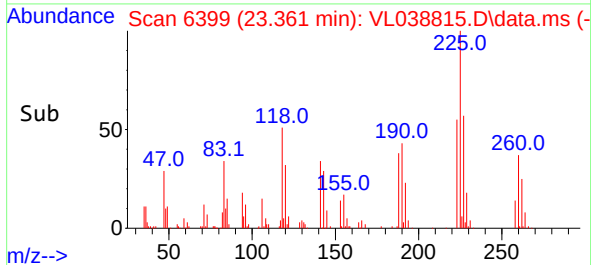
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

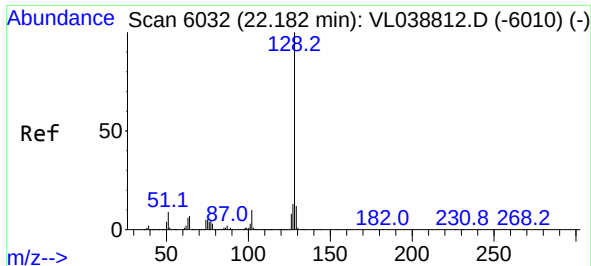


#78
Hexachloro-1,3-Butadiene
Concen: 0.515 ppbv m
RT: 23.361 min Scan# 6399
Delta R.T. -0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



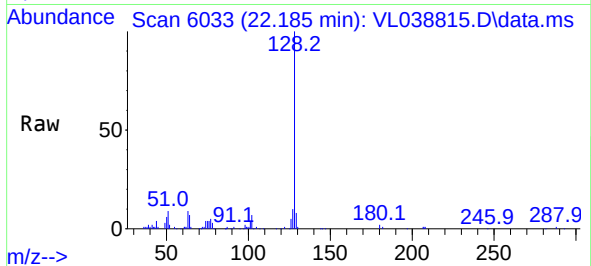
Tgt Ion:225 Resp: 122870
Ion Ratio Lower Upper
225 100
223 64.2 51.6 77.4
227 67.4 52.3 78.5





#79
Naphthalene
Concen: 0.511 ppbv
RT: 22.185 min Scan# 6032
Delta R.T. 0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50

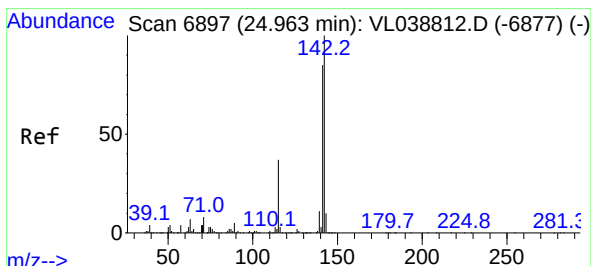
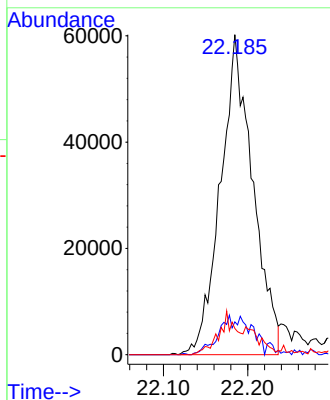
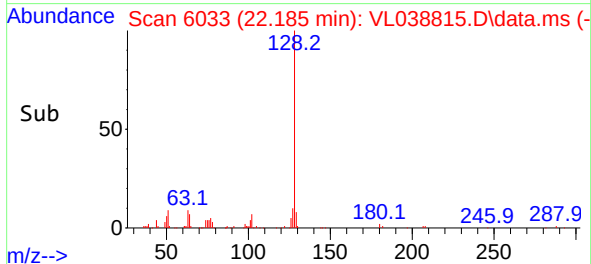
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



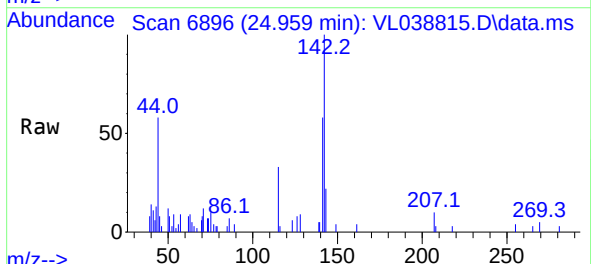
Tgt Ion:128 Resp: 159814
Ion Ratio Lower Upper
128 100
127 10.3 10.6 15.8
129 8.2 9.4 14.0

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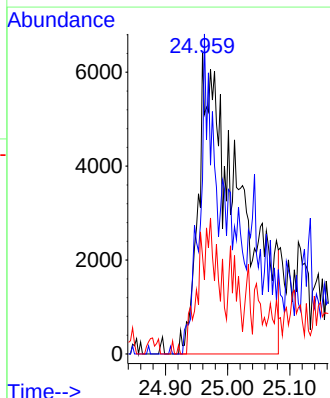
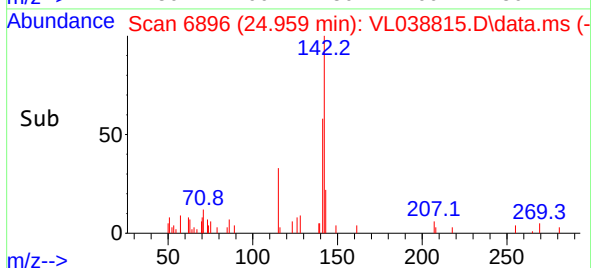
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

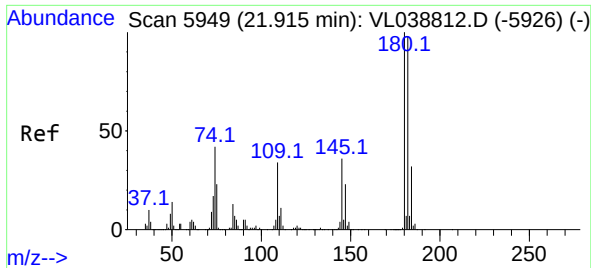


#80
Naphthalene,2-methyl-
Concen: 0.352 ppbv m
RT: 24.959 min Scan# 6896
Delta R.T. -0.003 min
Lab File: VL038815.D
Acq: 5 Apr 2022 17:50



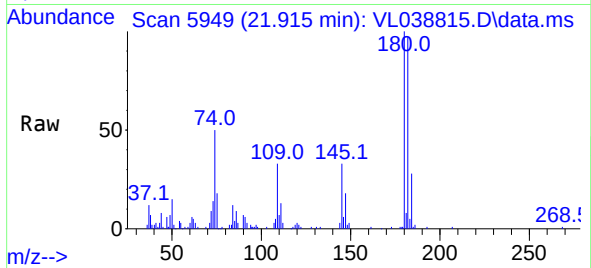
Tgt Ion:142 Resp: 29492
Ion Ratio Lower Upper
142 100
141 61.0 68.8 103.2
115 32.4 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.476 ppbv m
 RT: 21.915 min Scan# 5949
 Delta R.T. -0.000 min
 Lab File: VL038815.D
 Acq: 5 Apr 2022 17:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:180	Resp:	10174
Ion Ratio	Lower	Upper
180	100	
182	95.5	79.4 119.0
184	31.3	25.0 37.6

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 Supervised By :Mahesh Dadoda 04/07/2022

